

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011019\  
 Data File : BM018531.D  
 Acq On : 11 Jan 2019 07:34  
 Operator : JU/SJ  
 Sample : PB116287BSD  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB116287BSD

Manual Integrations  
 APPROVED

Sohil  
 1/11/2019 4:41:16 PM

Quant Time: Jan 11 10:29:33 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 10 05:57:41 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.76  | 152  | 491532   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.55 | 136  | 2100418  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.41 | 164  | 1233879  | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.16 | 188  | 2783571  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.35 | 240  | 2530865  | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.64 | 264  | 2238508  | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.35  | 112 | 1935623 | 72.71 | ng | 0.00 |
| 7) Phenol-d6             | 6.93  | 99  | 2546882 | 75.33 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.93  | 82  | 2290956 | 63.23 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.90 | 330 | 1021679 | 65.03 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.02 | 172 | 6091278 | 64.42 | ng | 0.00 |
| 79) Terphenyl-d14        | 19.79 | 244 | 7857447 | 65.45 | ng | 0.00 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.29  | 88  | 247873  | 22.846 | ng | 96     |
| 3) Pyridine                    | 3.68  | 79  | 722291  | 26.703 | ng | 95     |
| 4) n-Nitrosodimethylamine      | 3.60  | 42  | 376014  | 33.617 | ng | # 94   |
| 6) Aniline                     | 7.10  | 93  | 616767  | 16.353 | ng | 99     |
| 8) 2-Chlorophenol              | 7.33  | 128 | 1123997 | 36.153 | ng | 94     |
| 9) Benzaldehyde                | 6.91  | 77  | 310999  | 13.338 | ng | 98     |
| 10) Phenol                     | 6.96  | 94  | 1242392 | 36.161 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.19  | 93  | 850767  | 31.515 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 7.65  | 146 | 1113716 | 30.080 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.79  | 146 | 1138806 | 30.347 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.11  | 146 | 1102025 | 30.970 | ng | 98     |
| 15) Benzyl Alcohol             | 8.00  | 79  | 881440  | 36.095 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.29  | 45  | 1083647 | 31.411 | ng | 94     |
| 17) 2-Methylphenol             | 8.20  | 107 | 875528  | 37.542 | ng | 99     |
| 18) Hexachloroethane           | 8.83  | 117 | 397275  | 29.691 | ng | 94     |
| 19) n-Nitroso-di-n-propylamine | 8.56  | 70  | 716607  | 32.569 | ng | 94     |
| 20) 3+4-Methylphenols          | 8.53  | 107 | 1210891 | 37.612 | ng | 97     |
| 22) Acetophenone               | 8.59  | 105 | 1464283 | 28.181 | ng | # 98   |
| 24) Nitrobenzene               | 8.97  | 77  | 1084643 | 30.425 | ng | 97     |
| 25) Isophorone                 | 9.49  | 82  | 1988418 | 36.242 | ng | 98     |
| 26) 2-Nitrophenol              | 9.67  | 139 | 518787  | 30.095 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 9.73  | 122 | 1021460 | 39.533 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 9.97  | 93  | 1229048 | 32.427 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.20 | 162 | 1104214 | 35.890 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.41 | 180 | 1132437 | 29.654 | ng | 99     |
| 31) Naphthalene                | 10.60 | 128 | 3290065 | 32.524 | ng | 100    |
| 32) Benzoic acid               | 9.86  | 122 | 516118m | 32.151 | ng |        |
| 33) 4-Chloroaniline            | 10.72 | 127 | 448542  | 11.259 | ng | 98     |
| 34) Hexachlorobutadiene        | 10.87 | 225 | 679630  | 28.171 | ng | 98     |
| 35) Caprolactam                | 11.52 | 113 | 328437  | 31.398 | ng | 89     |
| 36) 4-Chloro-3-methylphenol    | 11.85 | 107 | 1136061 | 35.196 | ng | 100    |
| 37) 2-Methylnaphthalene        | 12.22 | 142 | 2503054 | 35.022 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.44 | 142 | 2377604 | 34.382 | ng | 97     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.58 | 216 | 1299147 | 30.109 | ng | 99     |

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 Sample : PB116287BSD  
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Instrument :  
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 PB116287BSD

Manual Integrations  
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 10 05:57:41 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.55 | 237  | 1121855  | 47.374 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 12.83 | 196  | 903439   | 34.480 | ng    | 100      |
| 44) 2,4,5-Trichlorophenol      | 12.91 | 196  | 961470   | 34.890 | ng    | 96       |
| 46) 1,1'-Biphenyl              | 13.24 | 154  | 3230084  | 29.981 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.28 | 162  | 2512681  | 30.076 | ng    | 100      |
| 48) 2-Nitroaniline             | 13.50 | 65   | 692633   | 33.698 | ng    | 93       |
| 49) Acenaphthylene             | 14.13 | 152  | 4120019  | 33.840 | ng    | 100      |
| 50) Dimethylphthalate          | 13.87 | 163  | 3265883  | 32.229 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.00 | 165  | 701656   | 32.688 | ng    | 88       |
| 52) Acenaphthene               | 14.47 | 154  | 2365653  | 31.756 | ng    | 98       |
| 53) 3-Nitroaniline             | 14.33 | 138  | 506161   | 23.390 | ng    | 95       |
| 54) 2,4-Dinitrophenol          | 14.53 | 184  | 200915   | 22.935 | ng    | # 91     |
| 55) Dibenzofuran               | 14.81 | 168  | 3867045  | 31.417 | ng    | 98       |
| 56) 4-Nitrophenol              | 14.64 | 139  | 1010671  | 54.061 | ng    | 94       |
| 57) 2,4-Dinitrotoluene         | 14.78 | 165  | 936759   | 30.844 | ng    | 100      |
| 58) Fluorene                   | 15.46 | 166  | 3121345  | 34.042 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.03 | 232  | 817665   | 33.475 | ng    | 96       |
| 60) Diethylphthalate           | 15.23 | 149  | 3375179  | 32.993 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.45 | 204  | 1613819  | 30.538 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.50 | 138  | 792512   | 33.575 | ng    | 98       |
| 63) Azobenzene                 | 15.74 | 77   | 2656380  | 31.849 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.54 | 198  | 181088   | 14.453 | ng    | 90       |
| 66) n-Nitrosodiphenylamine     | 15.67 | 169  | 2773975  | 32.127 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.35 | 248  | 982157   | 31.530 | ng    | 97       |
| 68) Hexachlorobenzene          | 16.45 | 284  | 1076385  | 30.867 | ng    | 100      |
| 69) Atrazine                   | 16.63 | 200  | 1016110  | 32.552 | ng    | 99       |
| 70) Pentachlorophenol          | 16.80 | 266  | 1073026  | 46.984 | ng    | 98       |
| 71) Phenanthrene               | 17.20 | 178  | 4962371  | 33.517 | ng    | 99       |
| 72) Anthracene                 | 17.29 | 178  | 5013798  | 35.216 | ng    | 100      |
| 73) Carbazole                  | 17.57 | 167  | 4535382  | 31.006 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.12 | 149  | 5625348  | 35.109 | ng    | 100      |
| 75) Fluoranthene               | 19.22 | 202  | 5705076  | 33.422 | ng    | 97       |
| 77) Benzidine                  | 19.42 | 184  | 1528613  | 24.461 | ng    | 100      |
| 78) Pyrene                     | 19.59 | 202  | 5734647  | 38.227 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.49 | 149  | 2570589  | 40.157 | ng    | 97       |
| 81) Benzo(a)anthracene         | 21.34 | 228  | 5126273  | 34.382 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.27 | 252  | 1157922  | 20.538 | ng    | 100      |
| 83) Chrysene                   | 21.39 | 228  | 4727879  | 32.838 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.26 | 149  | 3628685  | 39.256 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.15 | 149  | 6022761  | 38.739 | ng    | # 94     |
| 86) Indeno(1,2,3-cd)pyrene     | 25.96 | 276  | 4744569  | 28.578 | ng    | 96       |
| 88) Benzo(b)fluoranthene       | 22.94 | 252  | 4488502  | 35.319 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 22.99 | 252  | 4358811  | 34.034 | ng    | 98       |
| 90) Benzo(a)pyrene             | 23.54 | 252  | 4203200  | 34.547 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 25.97 | 278  | 4010325  | 32.531 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 26.67 | 276  | 3913927  | 32.626 | ng    | 97       |

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

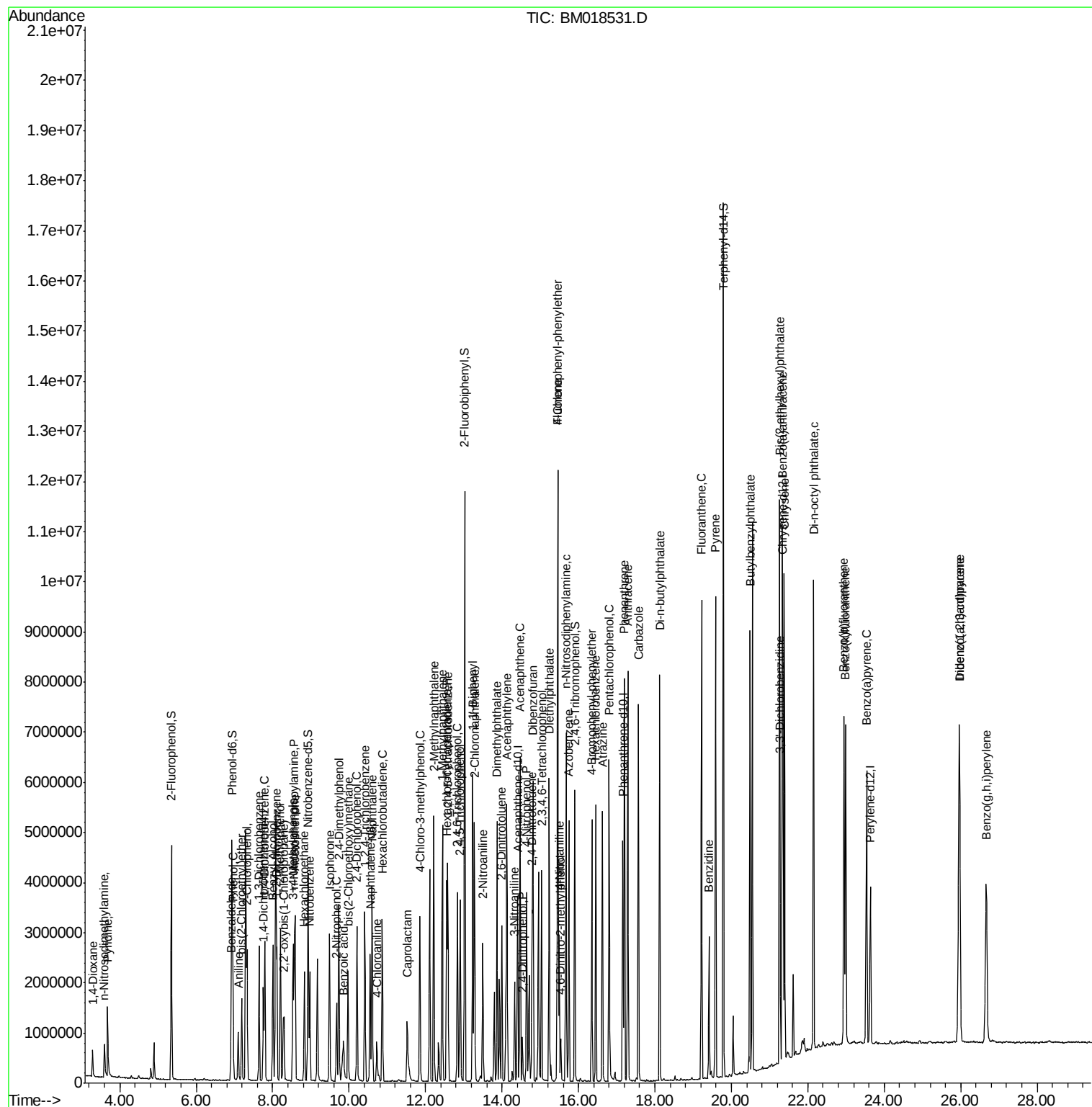
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011019\  
Data File : BM018531.D  
Acq On : 11 Jan 2019 07:34  
Operator : JU/SJ  
Sample : PB116287BSD  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

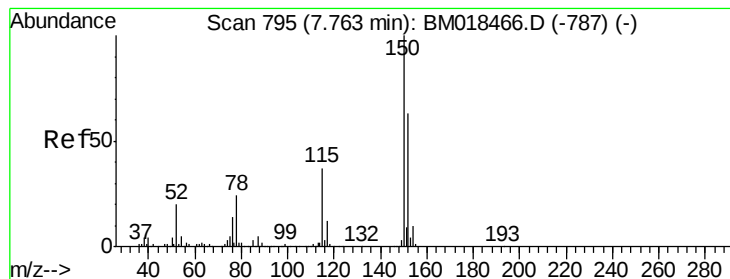
Instrument :  
BNA\_M  
ClientSampleId :  
PB116287BSD

Manual Integrations  
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1/11/2019 4:41:16 PM

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#1

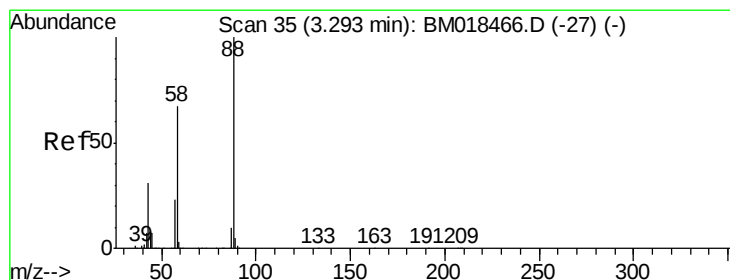
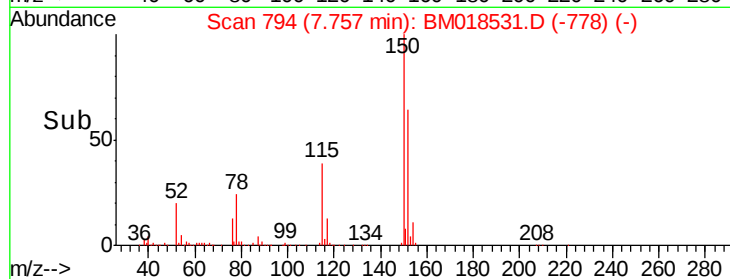
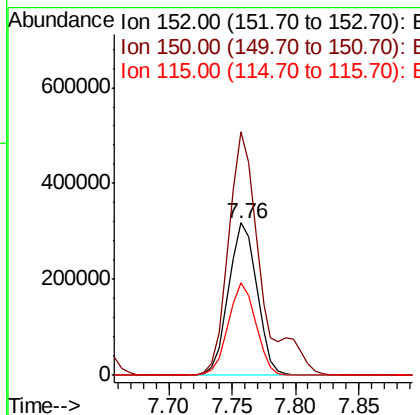
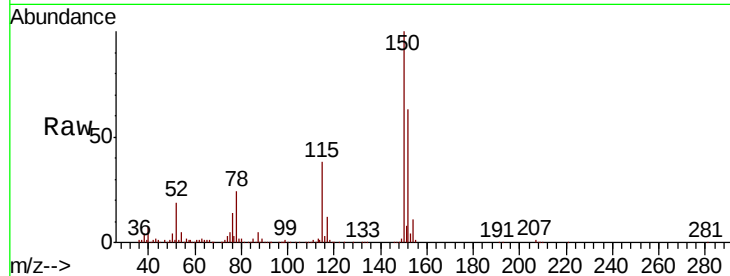
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.76 min Scan# 794  
Delta R.T. -0.01 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

Instrument :  
BNA\_M  
ClientSampleId :  
PB116287BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.9 | 126.9 | 190.3 |
| 115     | 61.1  | 45.5  | 68.3  |

Manual Integrations  
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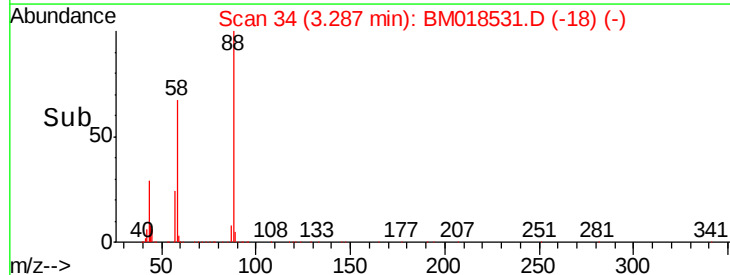
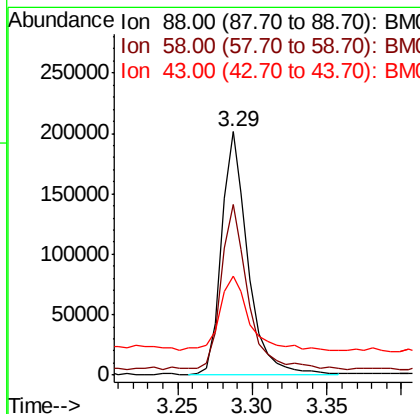
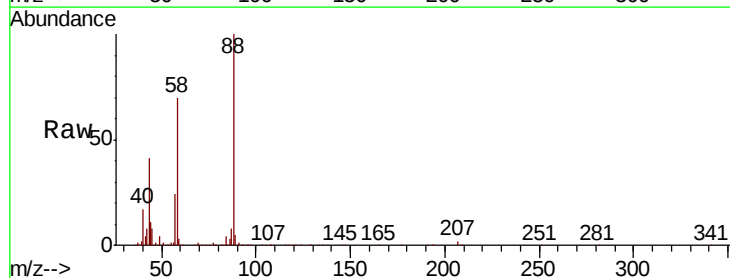
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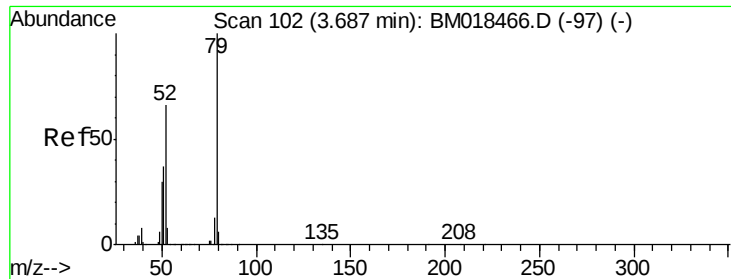


#2

1,4-Dioxane  
Concen: 22.846 ng  
RT: 3.29 min Scan# 34  
Delta R.T. -0.01 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 69.1  | 58.4  | 87.6  |
| 43      | 34.1  | 26.2  | 39.4  |





#3

Pvridine

Concen: 26.703 ng

RT: 3.68 min Scan# 101

Delta R.T. -0.03 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

Instrument :

BNA\_M

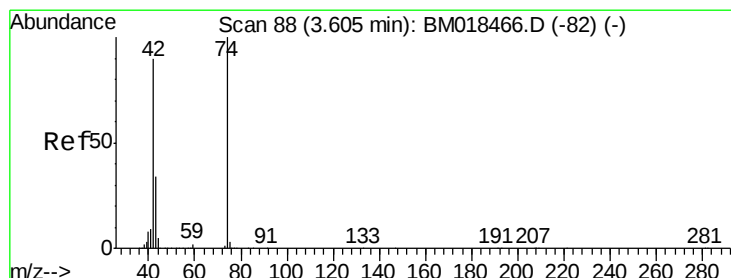
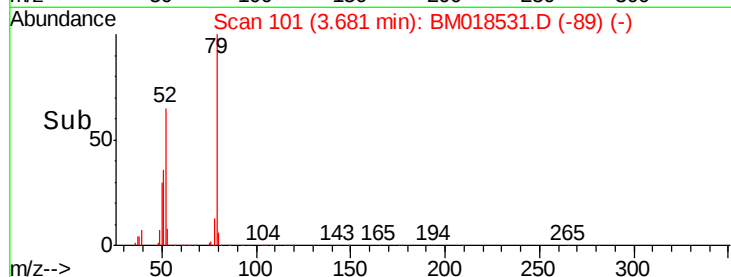
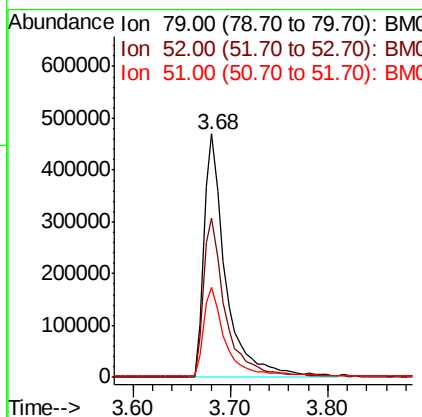
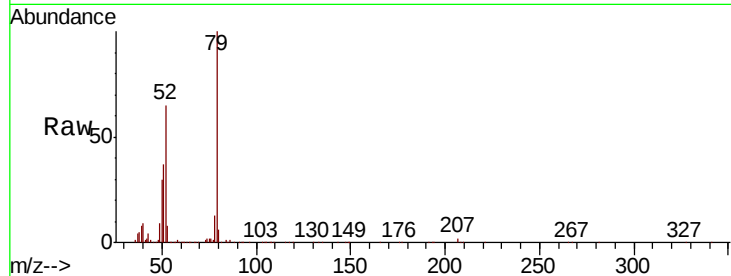
ClientSampleId :

PB116287BSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 722291 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 65.4  | 56.4  | 84.6   |
| 51       | 36.7  | 31.0  | 46.4   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 33.617 ng

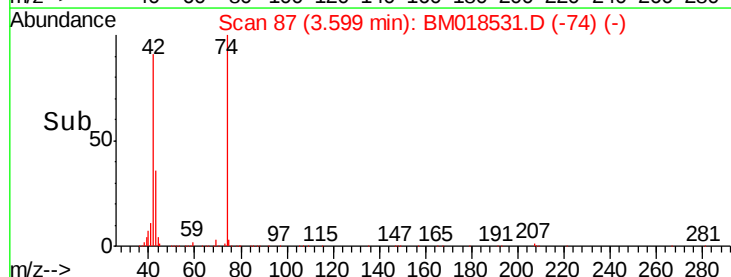
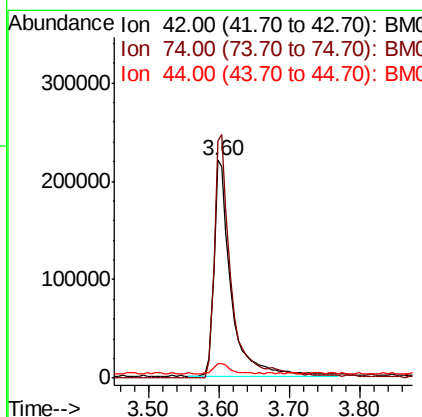
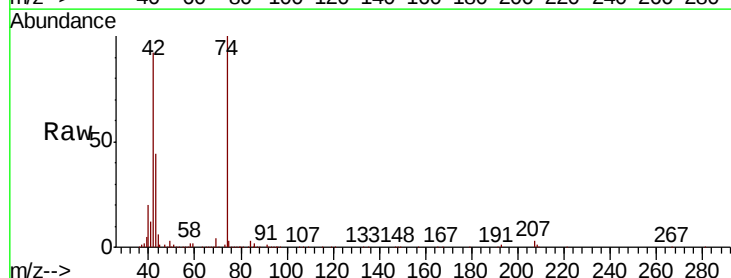
RT: 3.60 min Scan# 87

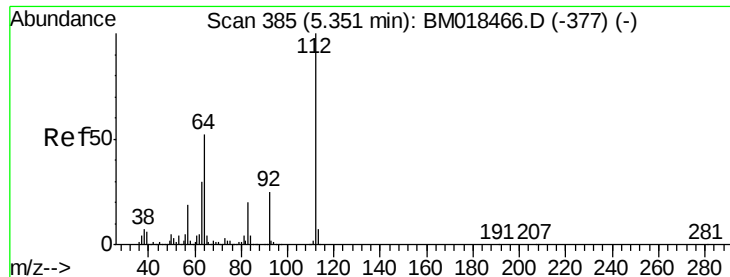
Delta R.T. -0.02 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 376014 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 109.1 | 88.6  | 132.8  |
| 44       | 6.6   | 16.9  | 25.3   |





#5

2-Fluorophenol

Concen: 72.714 ng

RT: 5.35 min Scan# 385

Delta R.T. -0.00 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

Instrument :

BNA\_M

ClientSampleId :

PB116287BSD

Tot Ion:112 Resp: 1935623

Ion Ratio Lower Upper

112 100

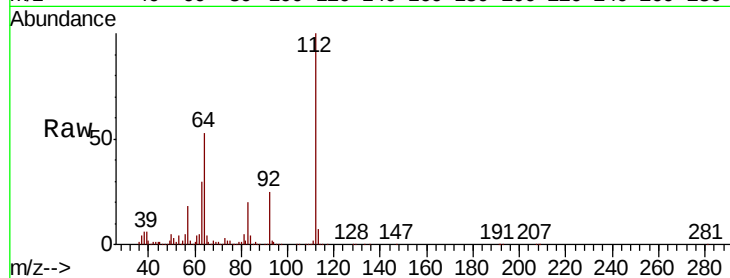
64 52.8 46.5 69.7

63 29.8 25.2 37.8

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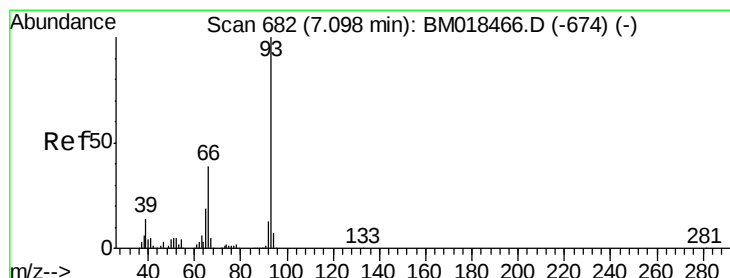
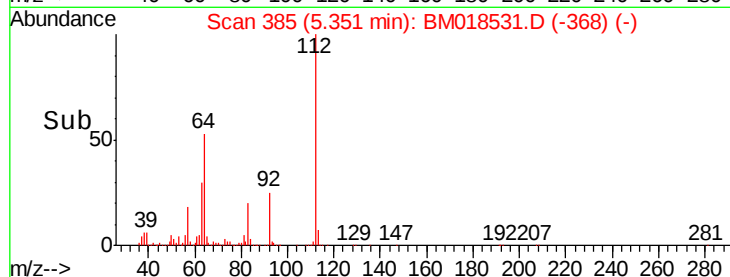
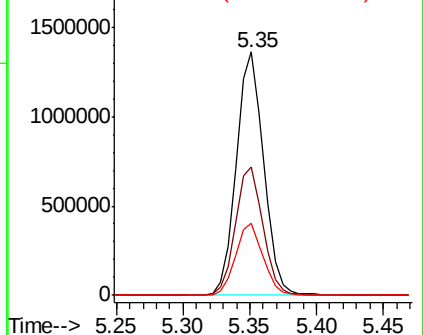
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 16.353 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

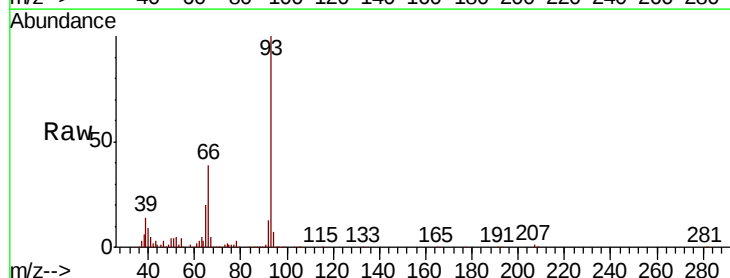
Tgt Ion: 93 Resp: 616767

Ion Ratio Lower Upper

93 100

66 39.1 31.7 47.5

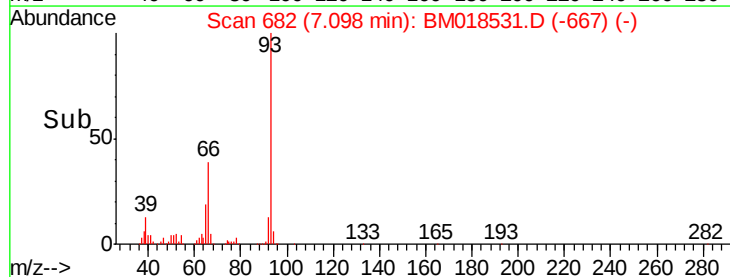
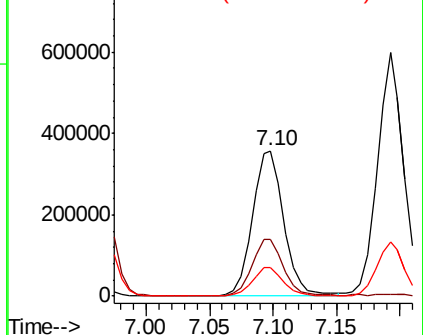
65 19.9 15.9 23.9

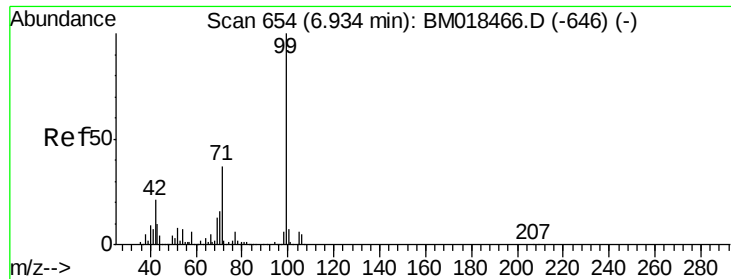


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 75.329 ng

RT: 6.93 min Scan# 654

Delta R.T. -0.00 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

Instrument :

BNA\_M

ClientSampleId :

PB116287BSD

Tot Ion: 99 Resp: 2546882

Ion Ratio Lower Upper

99 100

42 19.9 17.3 25.9

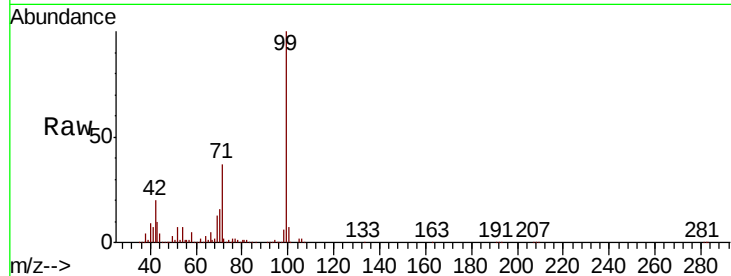
71 37.0 28.0 42.0

Manual Integrations

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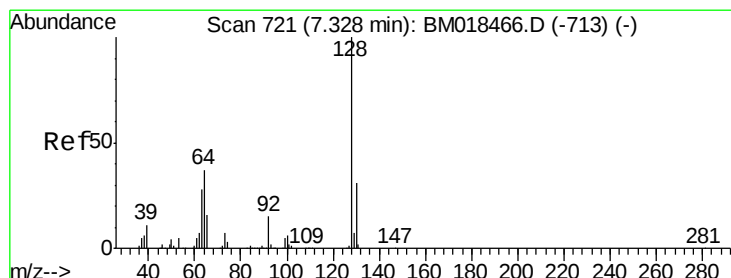
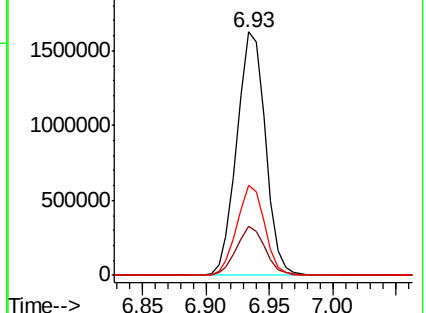
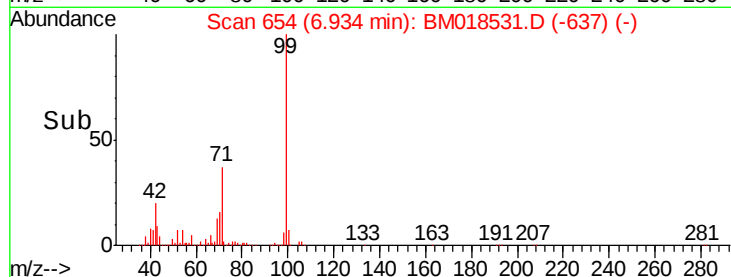
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Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#8

2-Chlorophenol

Concen: 36.153 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

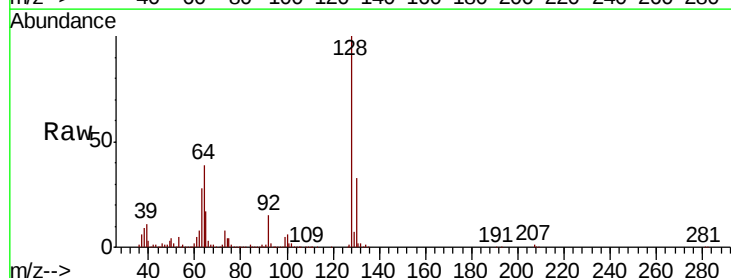
Tgt Ion: 128 Resp: 1123997

Ion Ratio Lower Upper

128 100

130 32.7 13.6 53.6

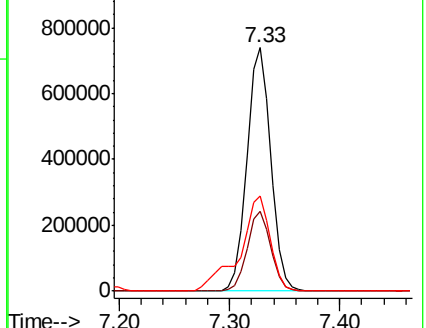
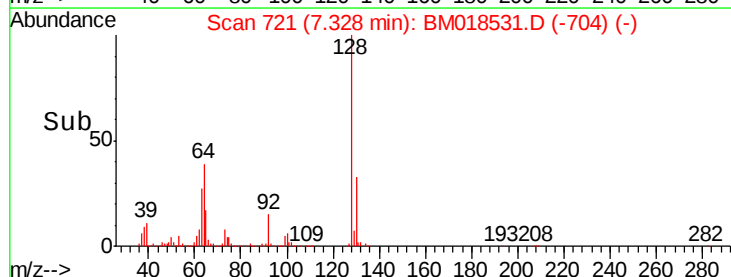
64 38.9 24.8 64.8

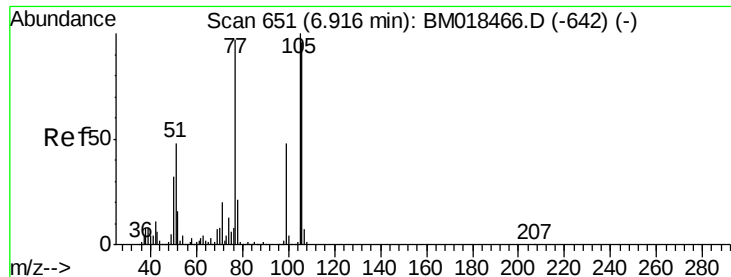


Abundance Ion 128.00 (127.70 to 128.70): BM018466.D (-713) (-)

Ion 130.00 (129.70 to 130.70): BM018466.D (-713) (-)

Ion 64.00 (63.70 to 64.70): BM018466.D (-713) (-)





#9

Benzaldehyde

Concen: 13.338 ng

RT: 6.91 min Scan# 650

Delta R.T. -0.00 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

Instrument :

BNA\_M

ClientSampled :

PB116287BSD

Tot Ion: 77 Resp: 310999

Ion Ratio Lower Upper

77 100

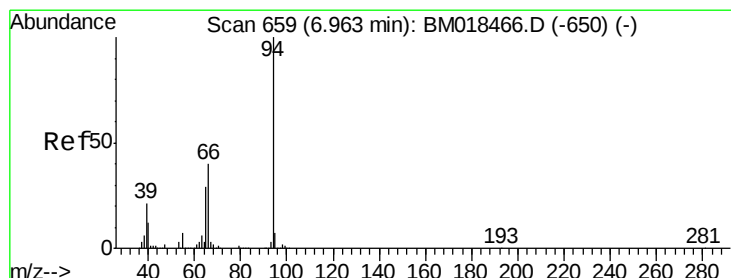
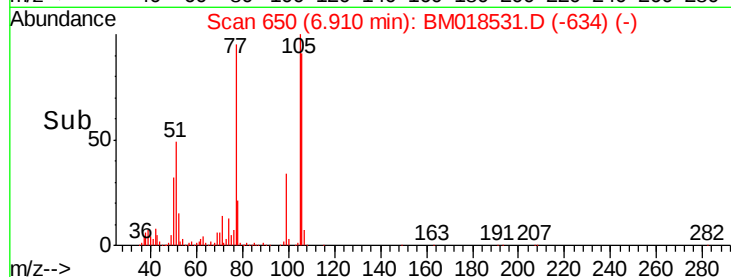
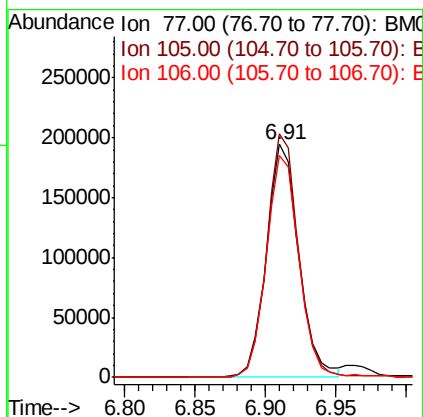
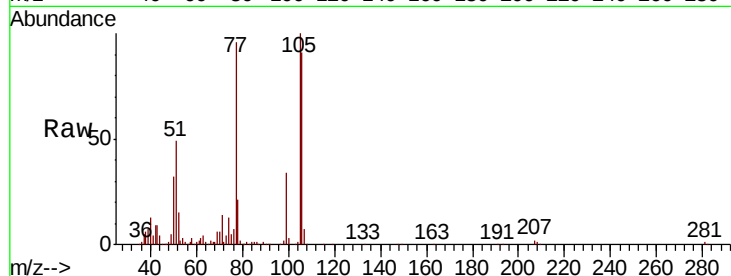
105 104.5 79.7 119.7

106 95.3 75.2 115.2

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#10

Phenol

Concen: 36.161 ng

RT: 6.96 min Scan# 659

Delta R.T. -0.00 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

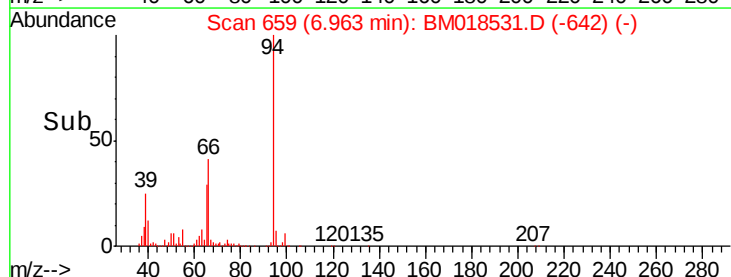
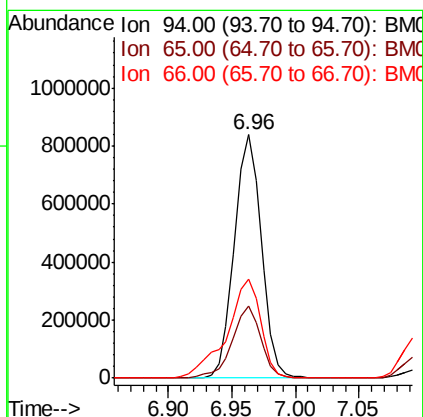
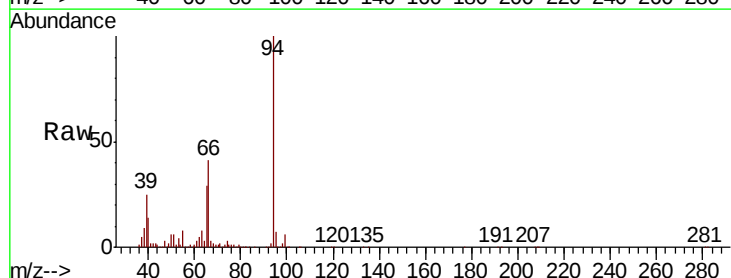
Tgt Ion: 94 Resp: 1242392

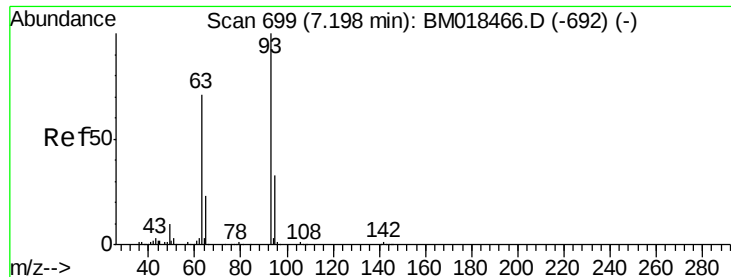
Ion Ratio Lower Upper

94 100

65 29.5 9.4 49.4

66 40.7 19.1 59.1





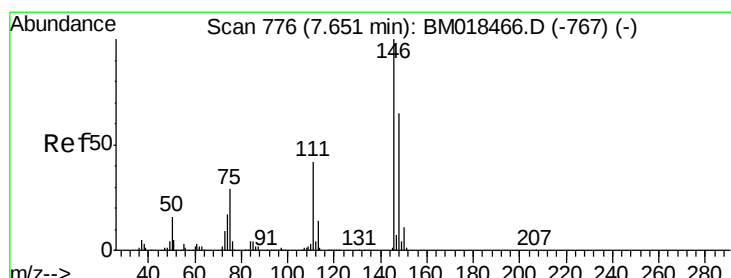
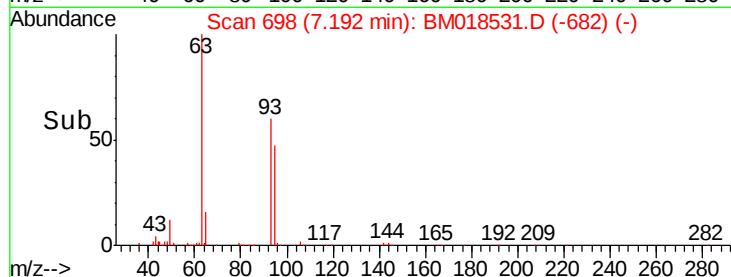
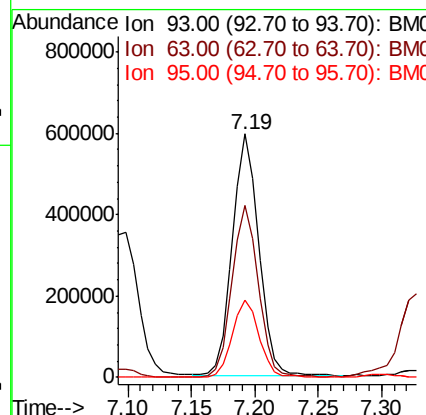
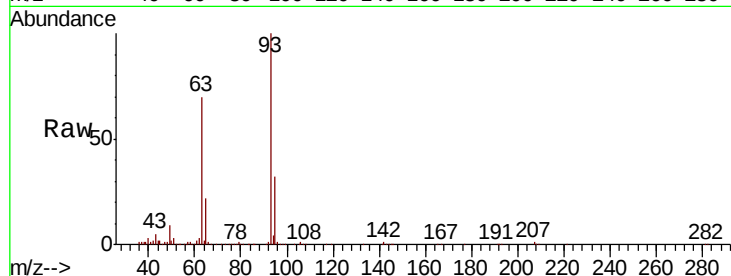
#11  
bis(2-Chloroethyl)ether  
Concen: 31.515 ng  
RT: 7.19 min Scan# 698  
Delta R.T. -0.01 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

Instrument :  
BNA\_M  
ClientSampleId :  
PB116287BSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 850767 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 70.4  | 56.4  | 96.4   |
| 95       | 31.9  | 12.7  | 52.7   |

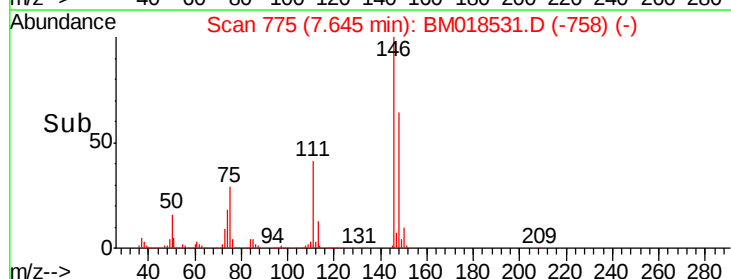
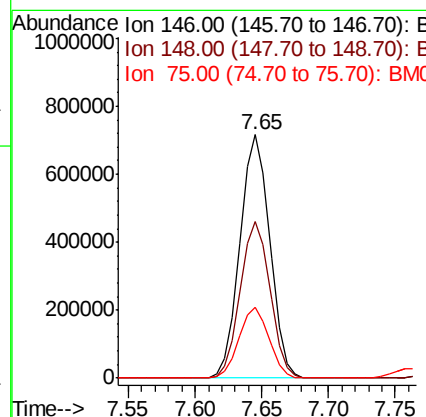
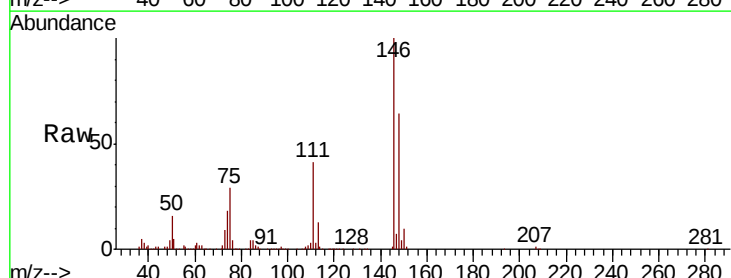
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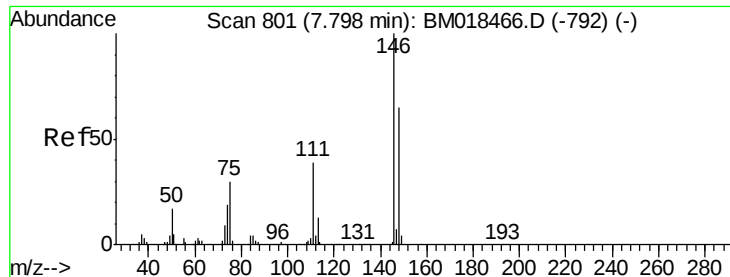
Sohil  
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#12  
1,3-Dichlorobenzene  
Concen: 30.080 ng  
RT: 7.65 min Scan# 775  
Delta R.T. -0.00 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 146   | Resp: | 1113716 |
| Ion      | Ratio | Lower | Upper   |
| 146      | 100   |       |         |
| 148      | 64.4  | 50.5  | 75.7    |
| 75       | 28.9  | 23.0  | 34.6    |





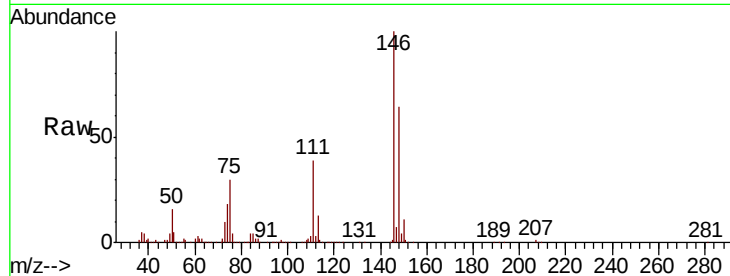
#13  
1,4-Dichlorobenzene  
Concen: 30.347 ng  
RT: 7.79 min Scan# 800  
Delta R.T. -0.01 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

Instrument :  
BNA\_M  
ClientSampleID :  
PB116287BSD

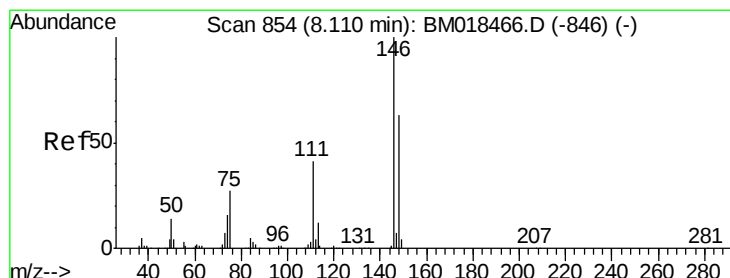
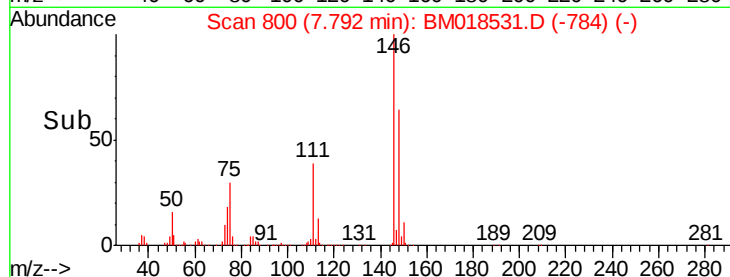
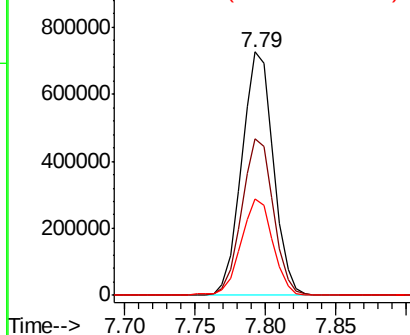
Tot Ion:146 Resp: 1138806  
Ion Ratio Lower Upper  
146 100  
148 64.3 50.8 76.2  
111 39.4 32.2 48.2

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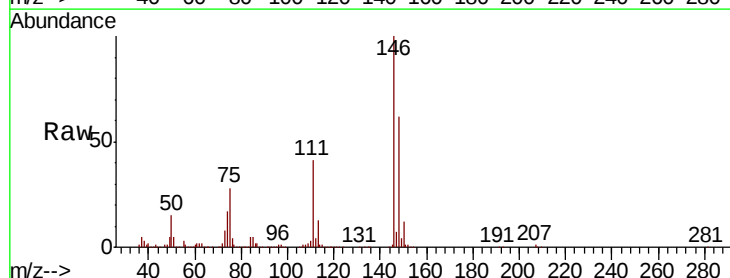


Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E

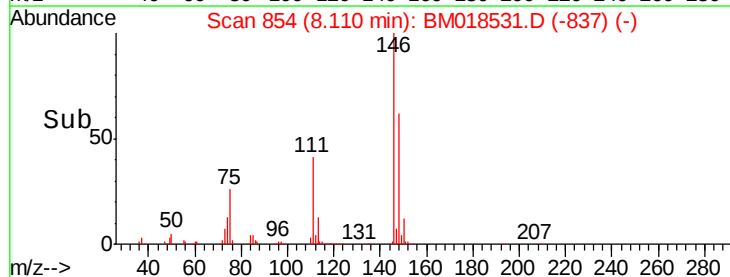
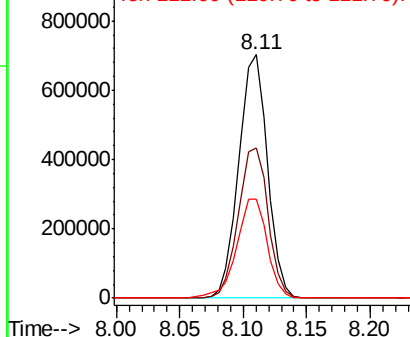


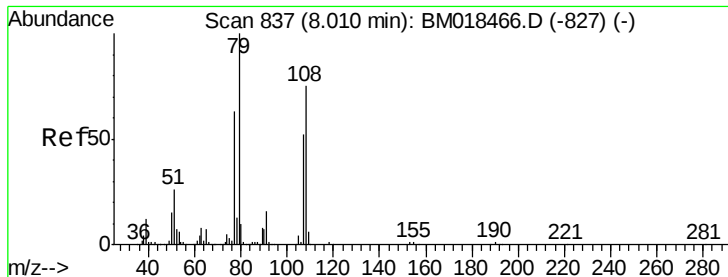
#14  
1,2-Dichlorobenzene  
Concen: 30.970 ng  
RT: 8.11 min Scan# 854  
Delta R.T. -0.00 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

Tgt Ion:146 Resp: 1102025  
Ion Ratio Lower Upper  
146 100  
148 61.7 51.0 76.6  
111 40.9 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.095 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

Instrument :

BNA\_M

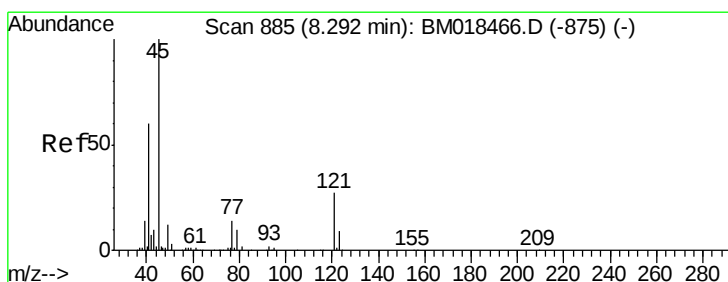
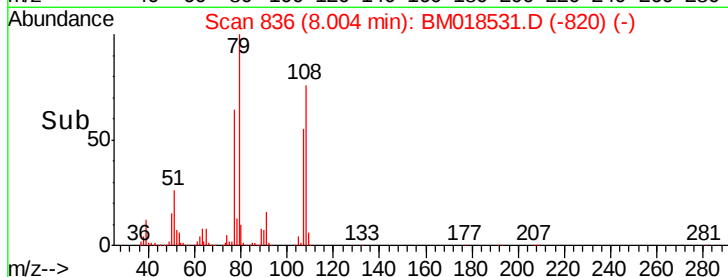
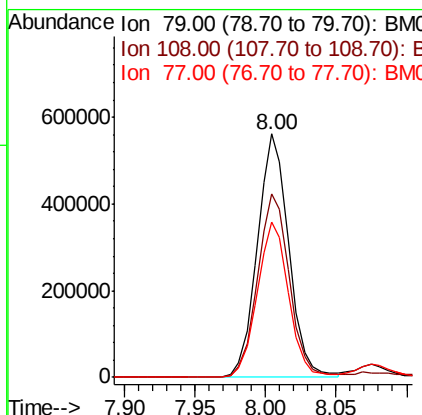
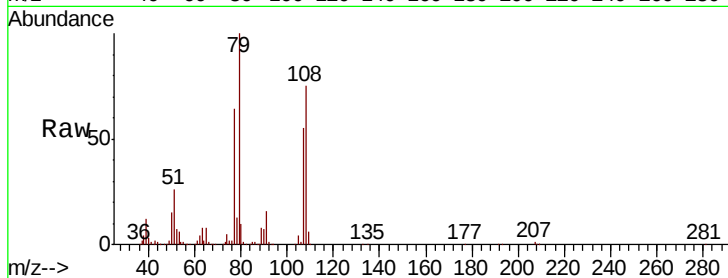
ClientSampleId :

PB116287BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 881440 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 75.5  | 60.4  | 90.6   |
| 77        | 63.8  | 53.4  | 80.2   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 31.411 ng

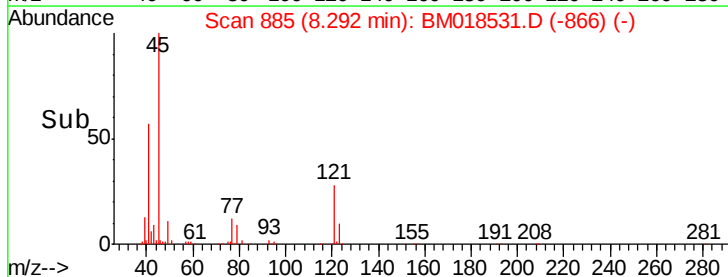
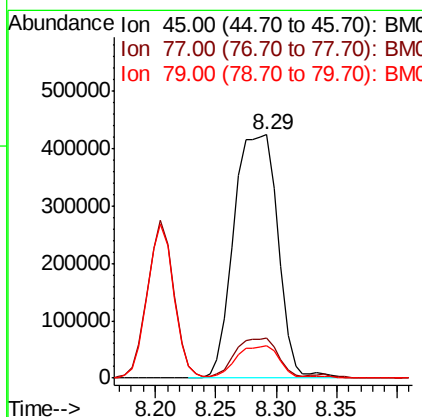
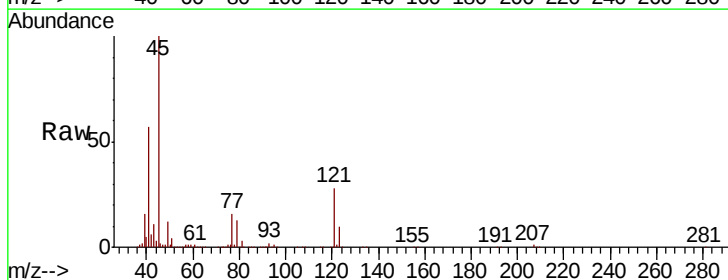
RT: 8.29 min Scan# 885

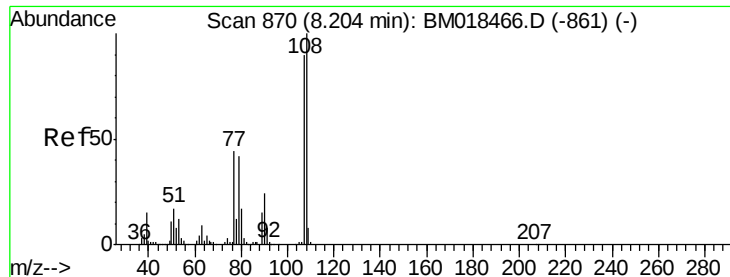
Delta R.T. 0.01 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 45    | Resp: | 1083647 |
| Ion Ratio | Lower | Upper |         |
| 45        | 100   |       |         |
| 77        | 16.3  | 0.0   | 33.4    |
| 79        | 13.2  | 0.0   | 31.1    |





#17

2-Methylphenol

Concen: 37.542 ng

RT: 8.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

Instrument :

BNA\_M

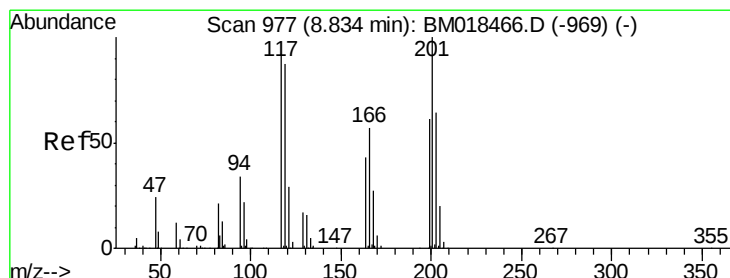
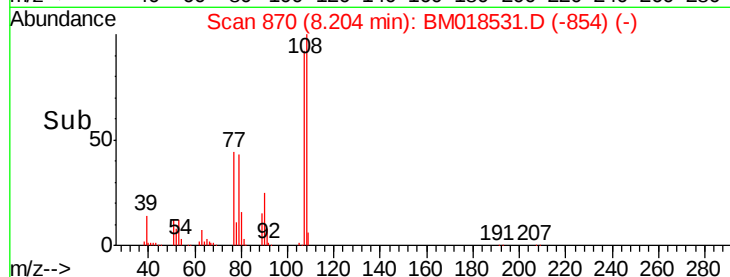
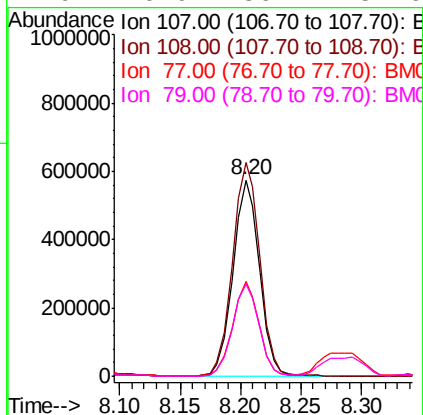
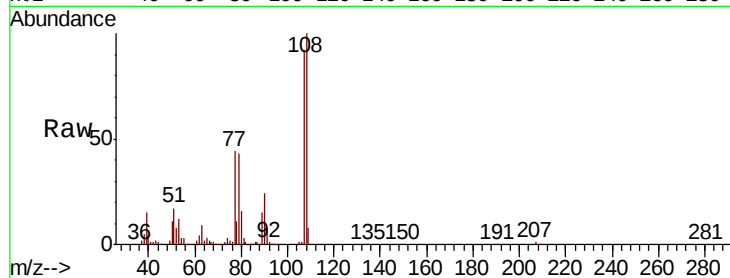
ClientSampleId :

PB116287BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 108.7 | 87.5 | 131.3 |       |
| 77      | 48.0  | 37.3 | 55.9  |       |
| 79      | 46.9  | 36.4 | 54.6  |       |

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#18

Hexachloroethane

Concen: 29.691 ng

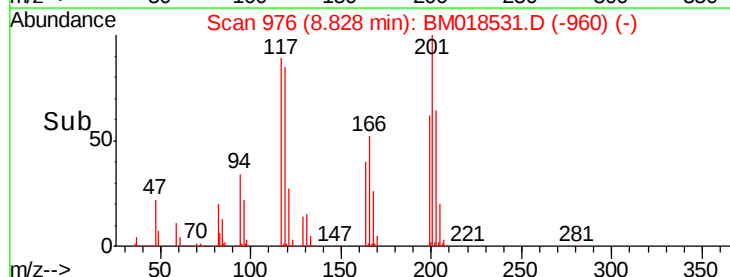
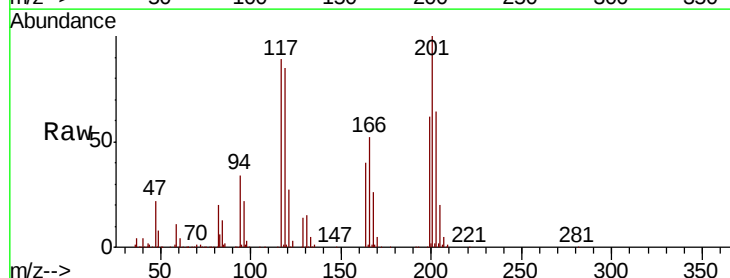
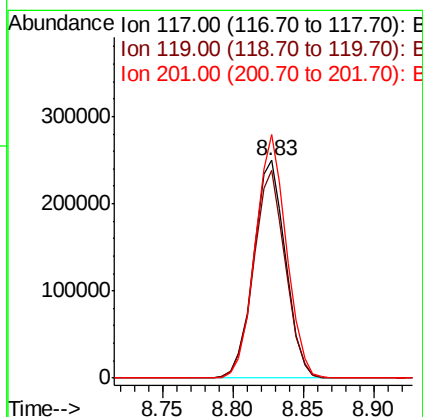
RT: 8.83 min Scan# 976

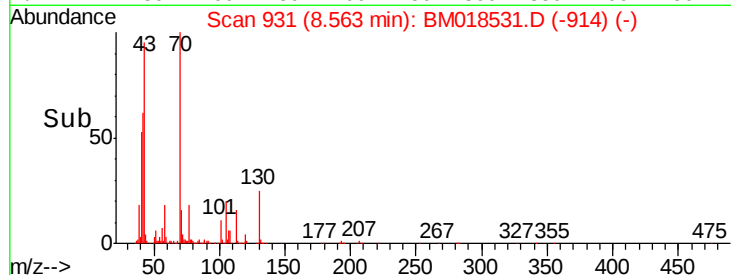
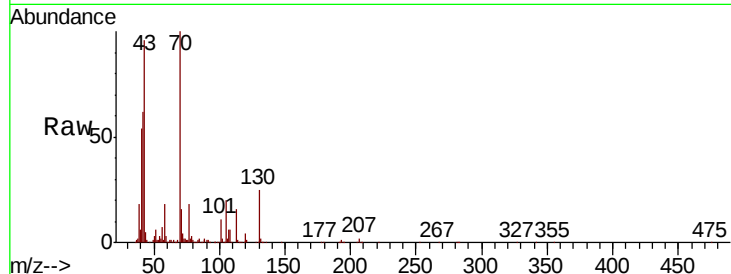
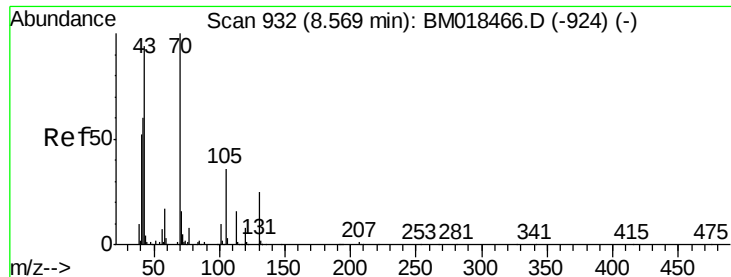
Delta R.T. -0.01 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 95.3  | 78.3 | 117.5 |       |
| 201     | 111.8 | 81.4 | 122.0 |       |





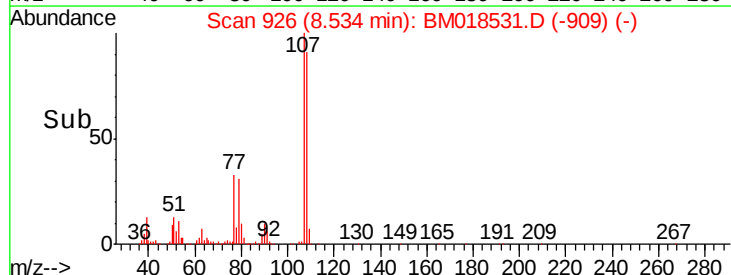
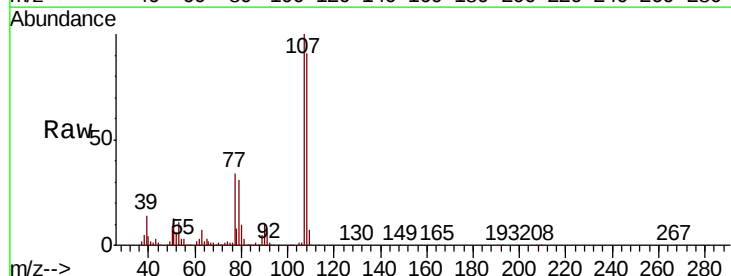
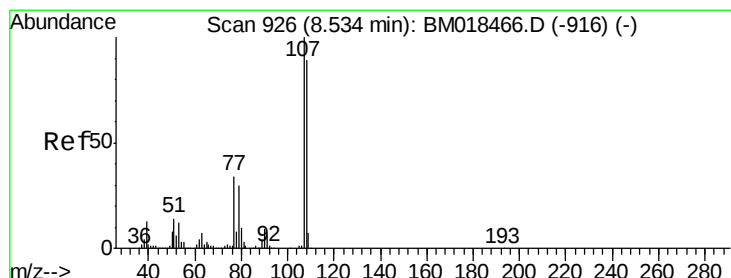
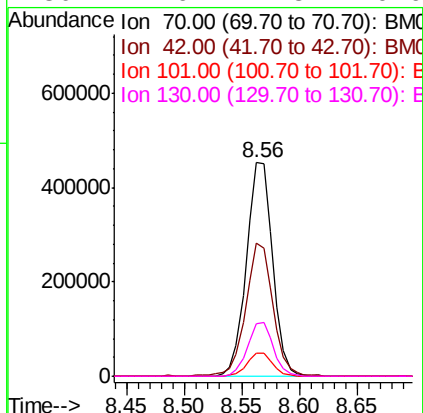
#19  
n-Nitroso-di-n-propylamine  
Concen: 32.569 ng  
RT: 8.56 min Scan# 931  
Delta R.T. -0.00 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 62.1 | 54.0  | 81.0  |       |
| 101     | 10.8 | 8.1   | 12.1  |       |
| 130     | 24.6 | 17.8  | 26.6  |       |

Instrument :  
BNA\_M  
ClientSampleId :  
PB116287BSD

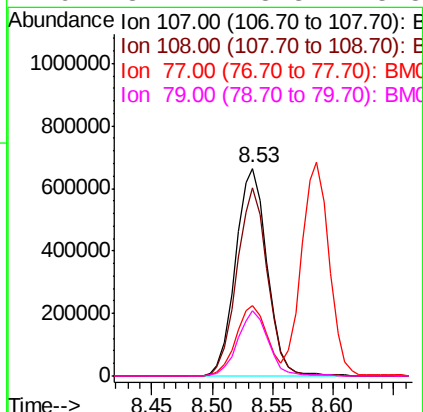
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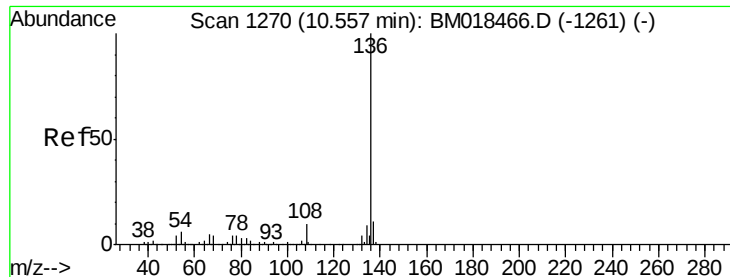
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1/11/2019 4:41:16 PM



#20  
3+4-Methylphenols  
Concen: 37.612 ng  
RT: 8.53 min Scan# 926  
Delta R.T. -0.00 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 90.5 | 66.8  | 106.8 |       |
| 77      | 33.6 | 13.3  | 53.3  |       |
| 79      | 31.2 | 8.8   | 48.8  |       |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

Instrument :

BNA\_M

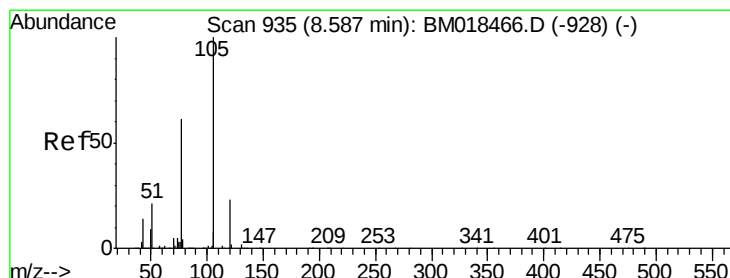
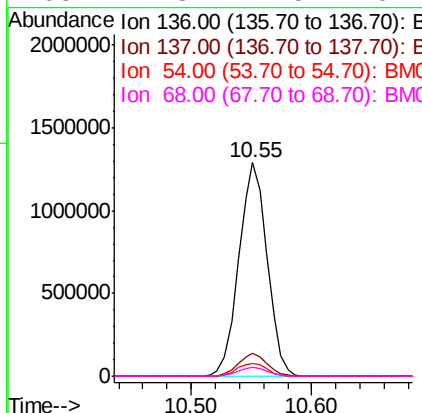
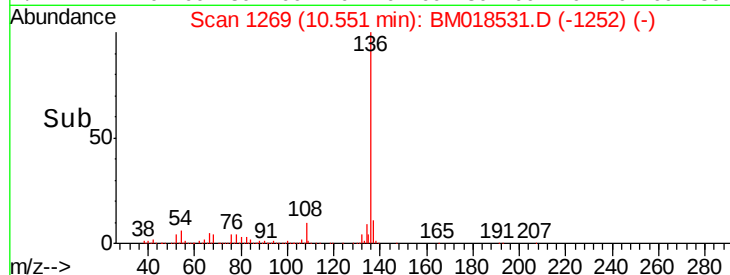
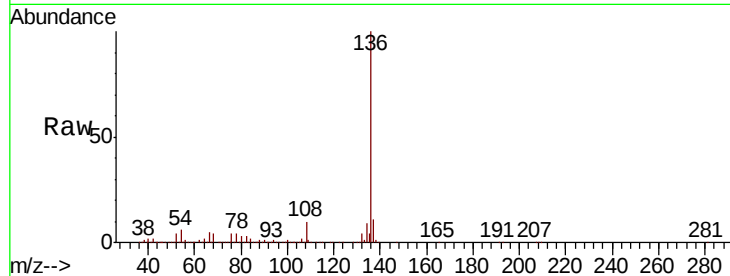
ClientSampleId :

PB116287BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 10.8  | 8.5   | 12.7  |
| 54      | 6.2   | 6.0   | 9.0   |
| 68      | 4.3   | 4.5   | 6.7#  |

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#22

Acetophenone

Concen: 28.181 ng

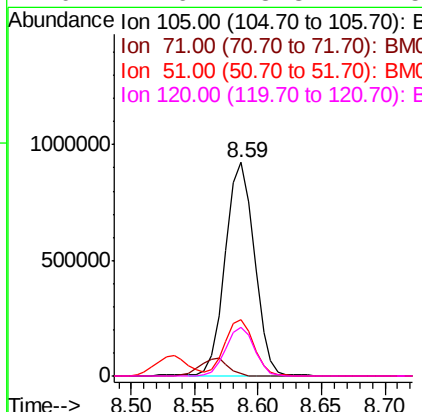
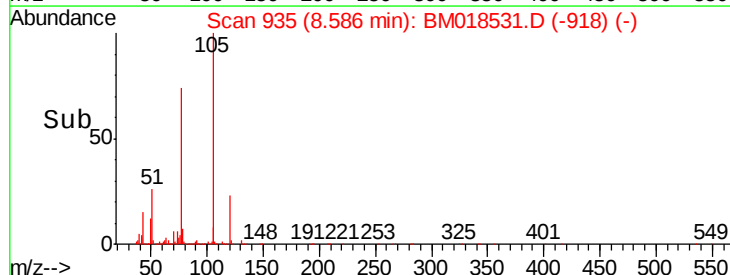
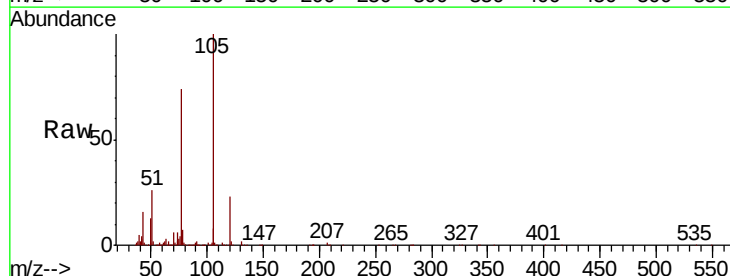
RT: 8.59 min Scan# 935

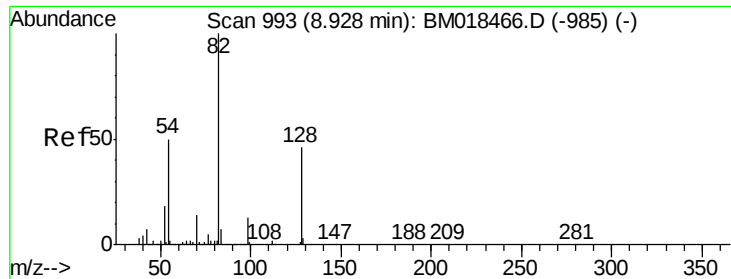
Delta R.T. -0.00 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 71      | 1.0   | 1.7   | 2.5#  |
| 51      | 26.3  | 22.6  | 34.0  |
| 120     | 22.6  | 18.3  | 27.5  |





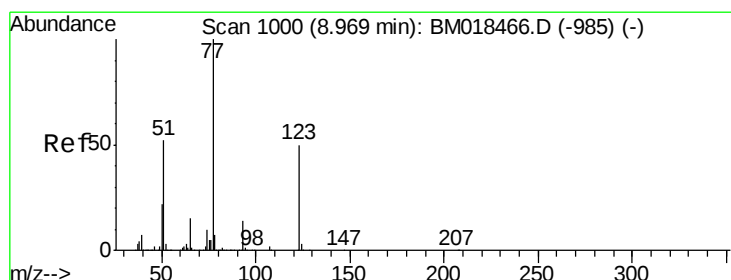
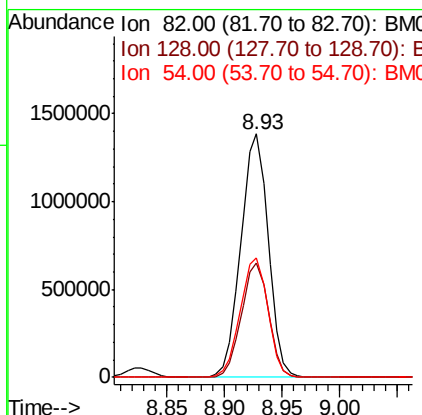
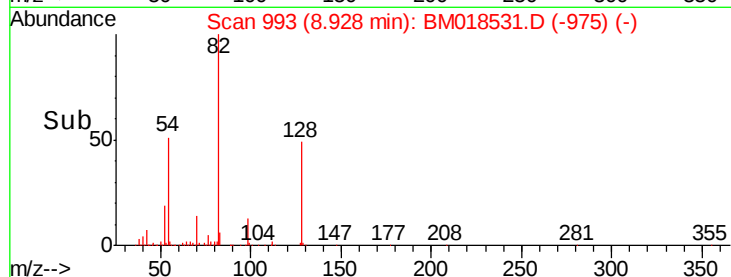
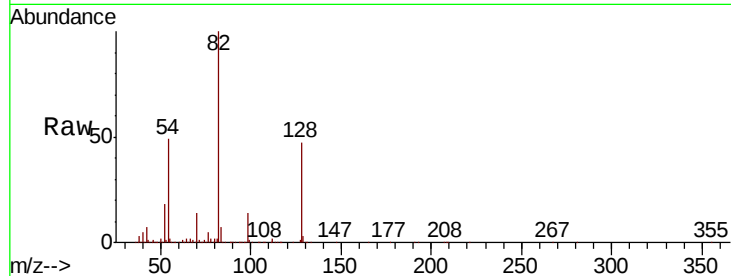
#23  
Nitrobenzene-d5  
Concen: 63.230 ng  
RT: 8.93 min Scan# 993  
Delta R.T. 0.01 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

Instrument :  
BNA\_M  
ClientSampleId :  
PB116287BSD

Tot Ion: 82 Resp: 2290956  
Ion Ratio Lower Upper  
82 100  
128 47.1 36.3 54.5  
54 49.1 41.7 62.5

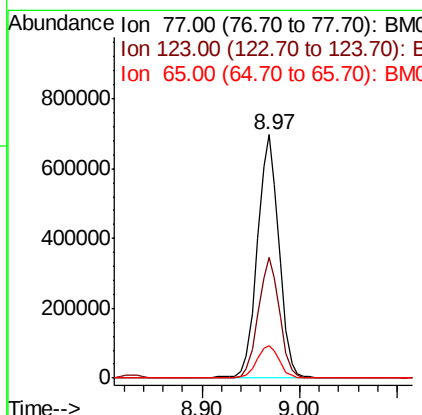
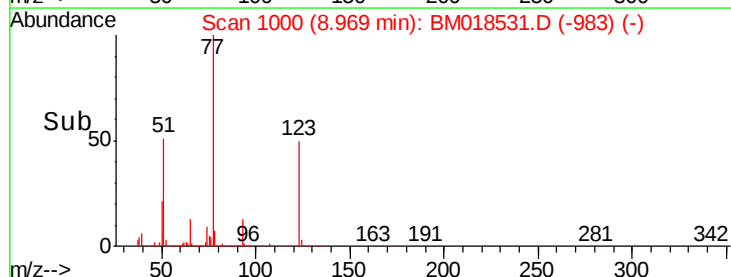
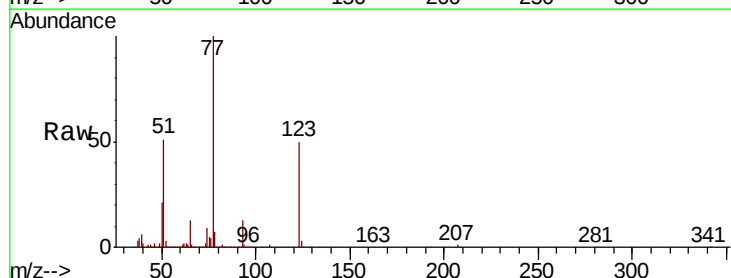
Manual Integrations  
APPROVED

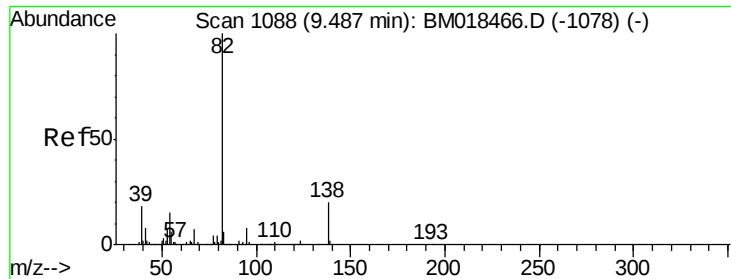
Sohil  
1/11/2019 4:41:16 PM



#24  
Nitrobenzene  
Concen: 30.425 ng  
RT: 8.97 min Scan# 1000  
Delta R.T. -0.00 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

Tgt Ion: 77 Resp: 1084643  
Ion Ratio Lower Upper  
77 100  
123 49.6 37.7 56.5  
65 13.3 11.0 16.6





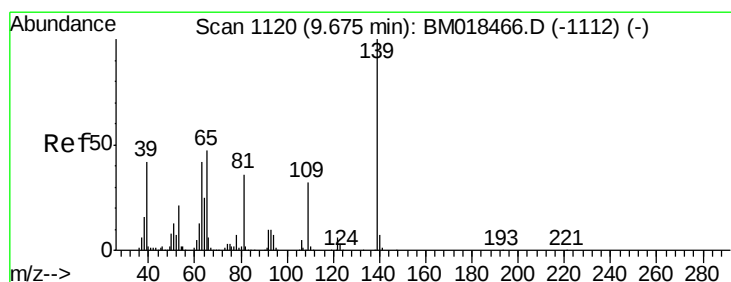
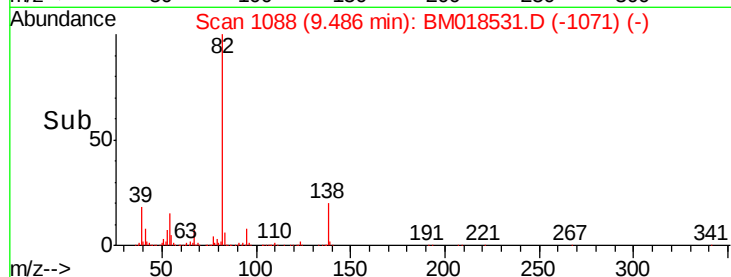
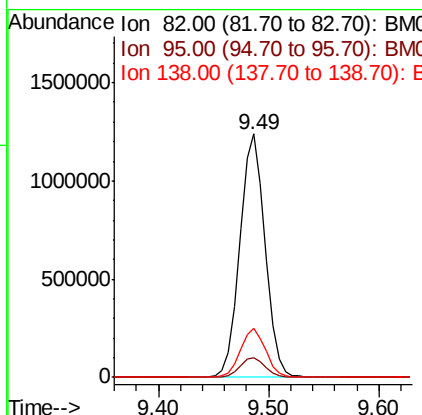
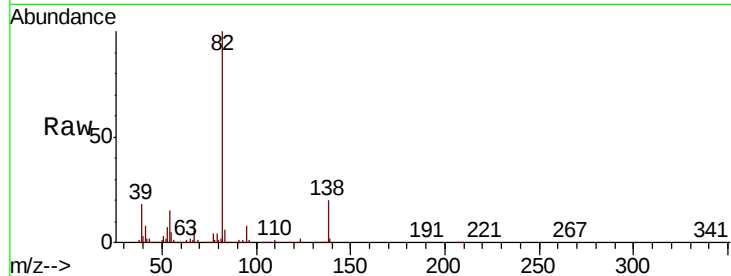
#25  
Isophorone  
Concen: 36.242 ng  
RT: 9.49 min Scan# 1088  
Delta R.T. -0.00 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

Instrument :  
BNA\_M  
ClientSampleId :  
PB116287BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 7.9   | 6.1   | 9.1   |
| 138     | 20.2  | 15.1  | 22.7  |

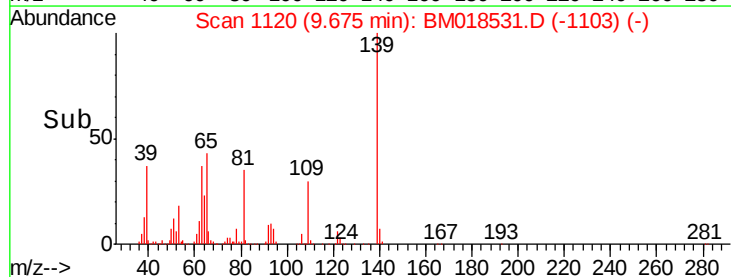
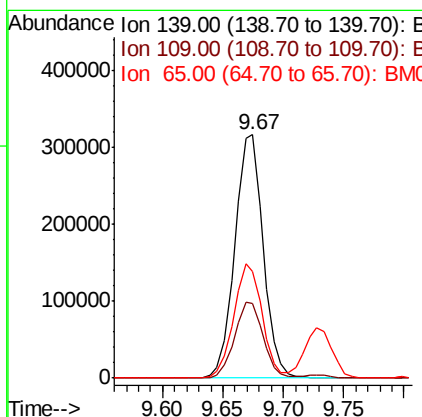
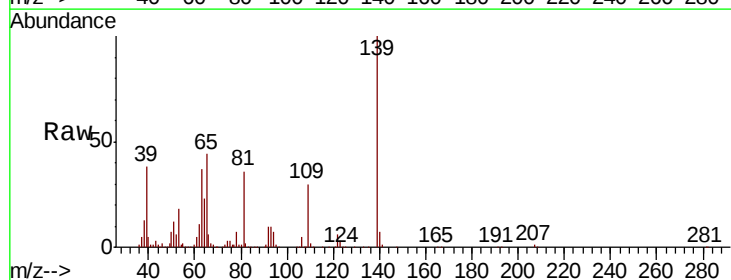
Manual Integrations  
APPROVED

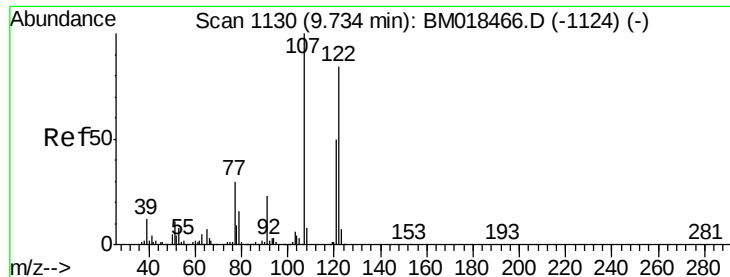
Sohil  
1/11/2019 4:41:16 PM



#26  
2-Nitrophenol  
Concen: 30.095 ng  
RT: 9.67 min Scan# 1120  
Delta R.T. -0.00 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 30.5  | 23.4  | 35.2  |
| 65      | 43.6  | 39.4  | 59.2  |





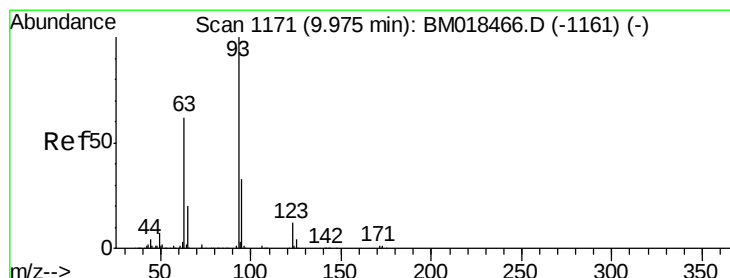
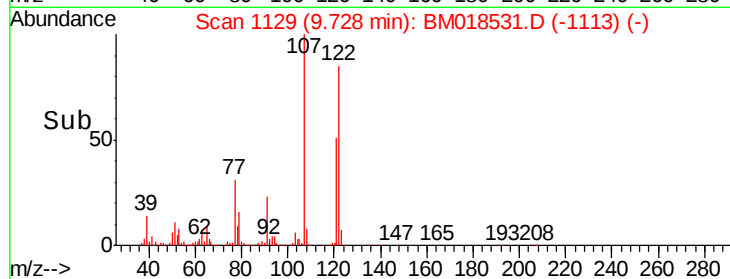
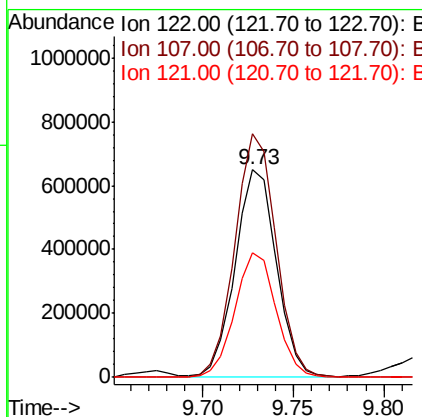
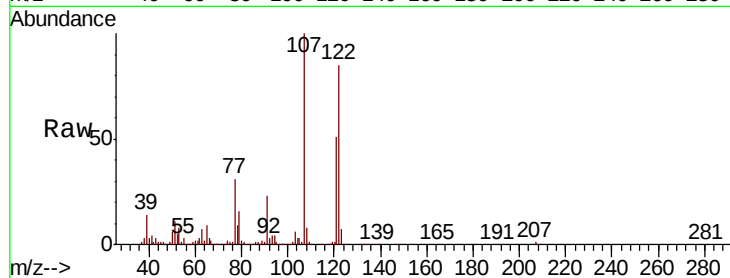
#27  
2,4-Dimethylphenol  
Concen: 39.533 ng  
RT: 9.73 min Scan# 1129  
Delta R.T. -0.01 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

Instrument :  
BNA\_M  
ClientSampled :  
PB116287BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 117.5 | 91.9  | 137.9 |
| 121     | 60.2  | 47.5  | 71.3  |

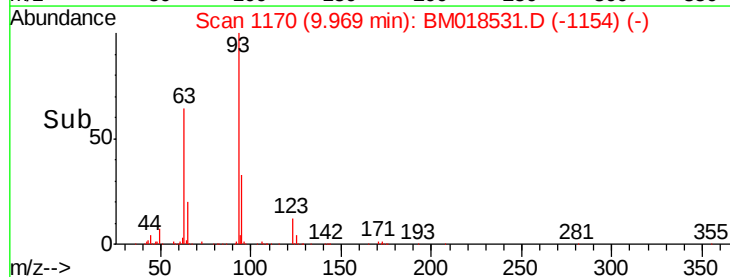
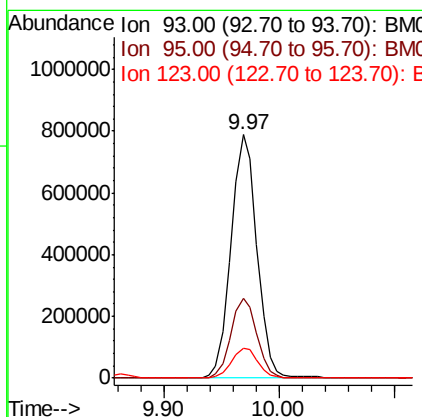
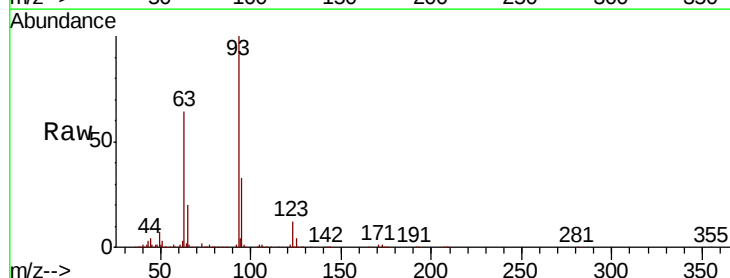
Manual Integrations  
APPROVED

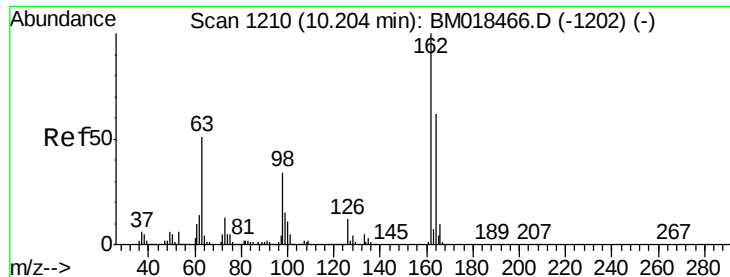
Sohil  
1/11/2019 4:41:16 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 32.427 ng  
RT: 9.97 min Scan# 1170  
Delta R.T. -0.01 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.6  | 26.6  | 39.8  |
| 123     | 12.1  | 9.9   | 14.9  |





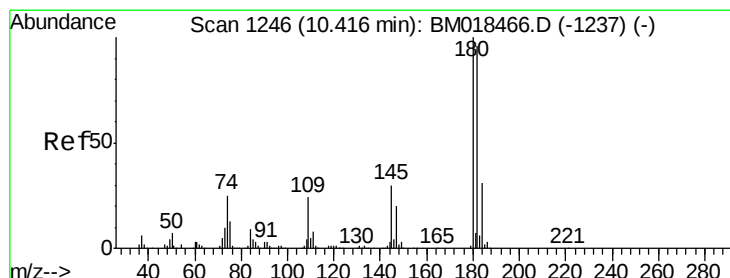
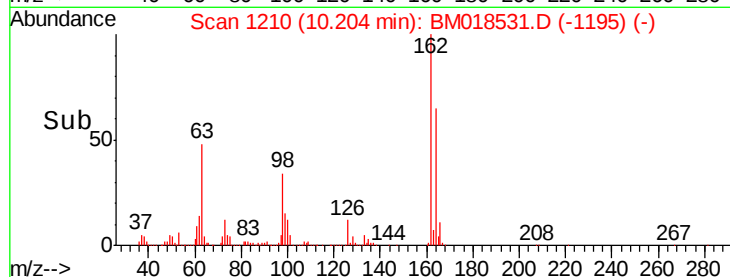
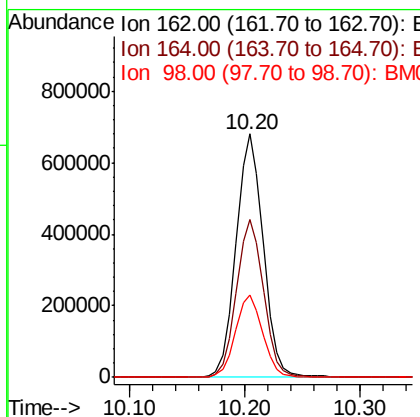
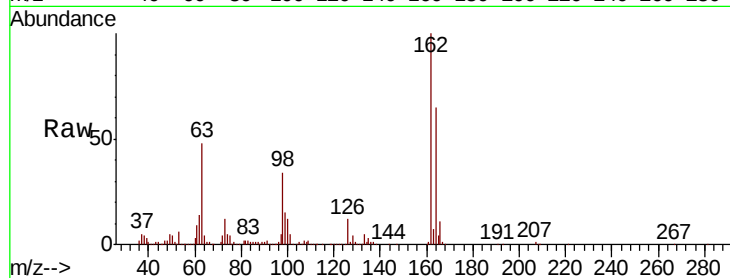
#29  
2,4-Dichlorophenol  
Concen: 35.890 ng  
RT: 10.20 min Scan# 1210  
Delta R.T. -0.01 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

Instrument :  
BNA\_M  
ClientSampleId :  
PB116287BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.9  | 45.6  | 85.6  |
| 98      | 33.8  | 14.7  | 54.7  |

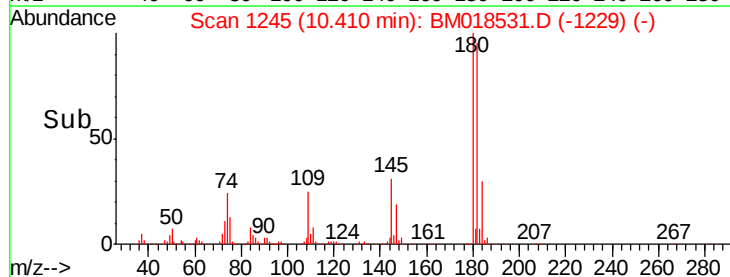
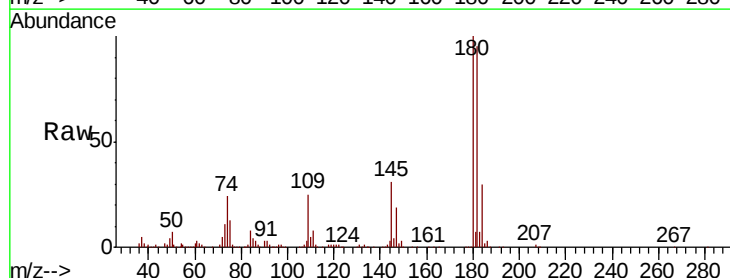
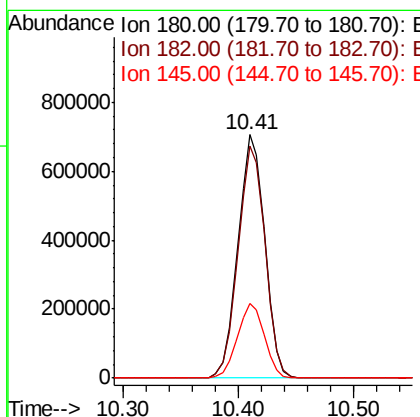
Manual Integrations  
APPROVED

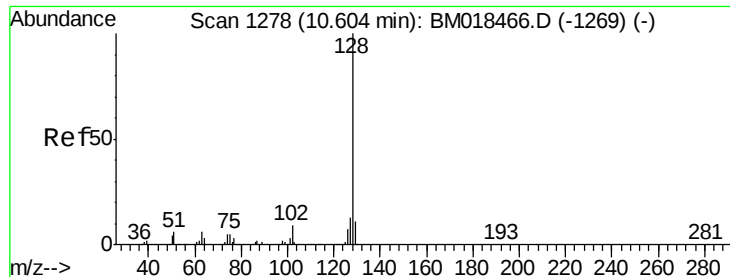
Sohil  
1/11/2019 4:41:16 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 29.654 ng  
RT: 10.41 min Scan# 1245  
Delta R.T. -0.01 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.3  | 77.4  | 116.2 |
| 145     | 30.7  | 24.6  | 37.0  |





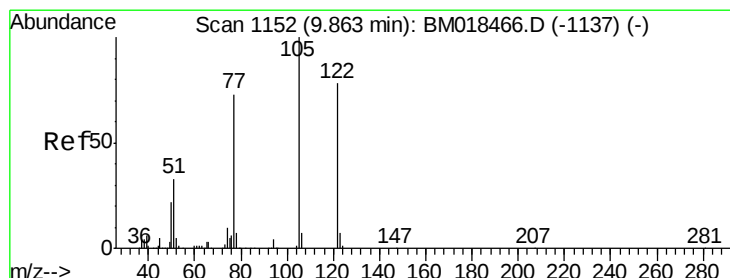
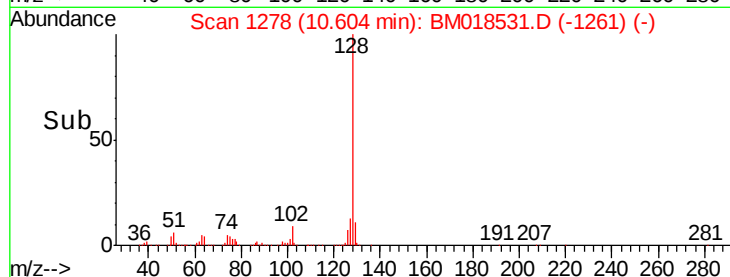
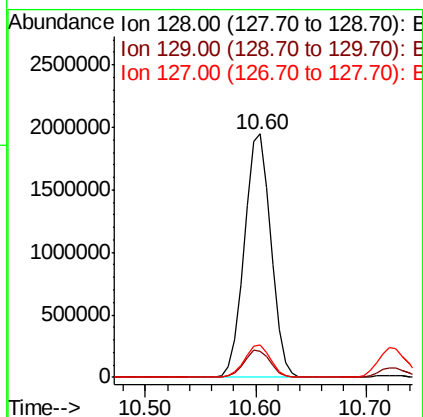
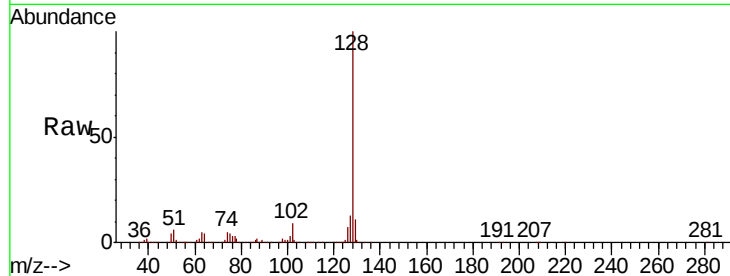
#31  
Naphthalene  
Concen: 32.524 ng  
RT: 10.60 min Scan# 1278  
Delta R.T. -0.00 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

Instrument :  
BNA\_M  
ClientSampled :  
PB116287BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.8  | 8.7   | 13.1  |
| 127     | 13.3  | 10.8  | 16.2  |

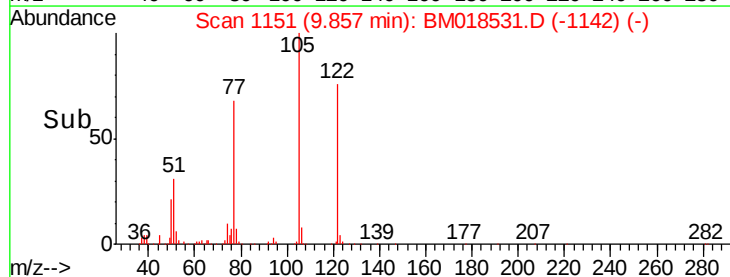
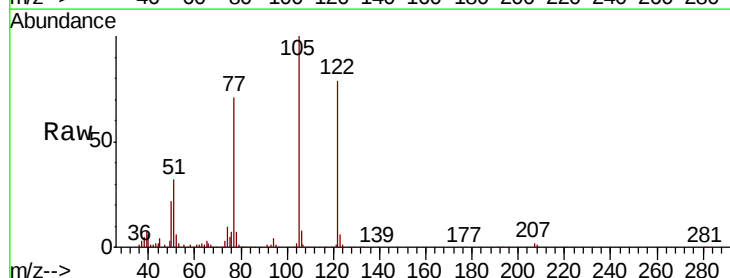
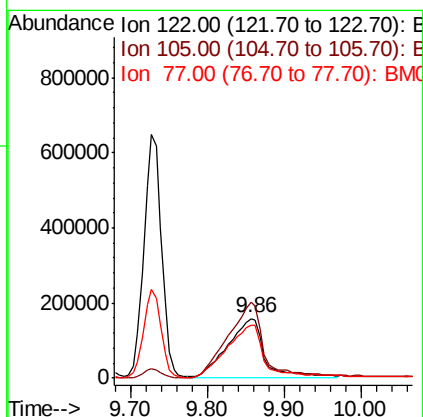
Manual Integrations  
APPROVED

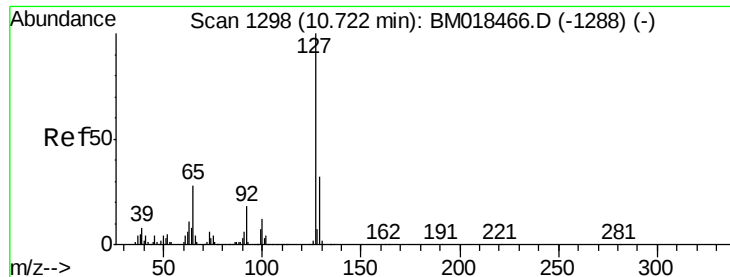
Sohil  
1/11/2019 4:41:16 PM



#32  
Benzoic acid  
Concen: 32.151 ng m  
RT: 9.86 min Scan# 1151  
Delta R.T. -0.05 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 127.3 | 100.4 | 140.4 |
| 77      | 89.9  | 71.7  | 111.7 |





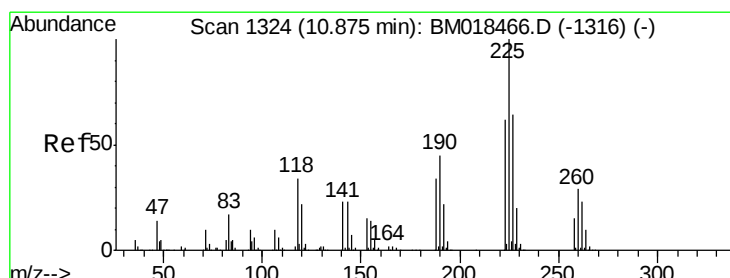
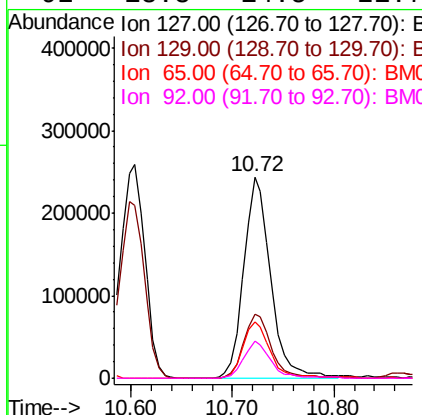
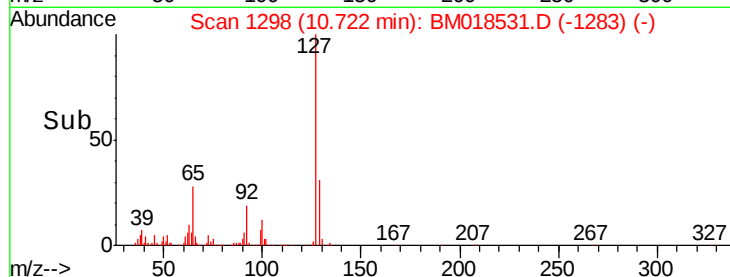
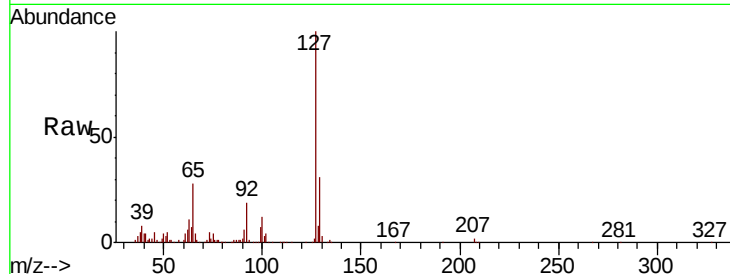
#33  
4-Chloroaniline  
Concen: 11.259 ng  
RT: 10.72 min Scan# 1298  
Delta R.T. -0.01 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

Instrument :  
BNA\_M  
ClientSampleId :  
PB116287BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 31.5  | 25.9  | 38.9  |
| 65      | 27.9  | 23.4  | 35.2  |
| 92      | 18.8  | 14.5  | 21.7  |

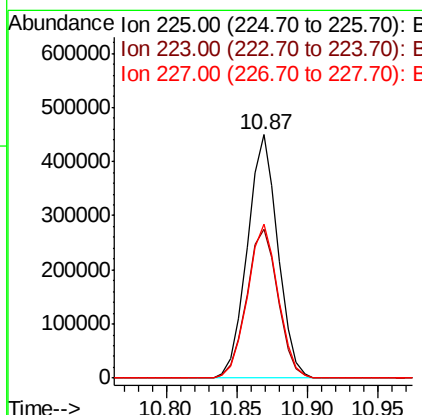
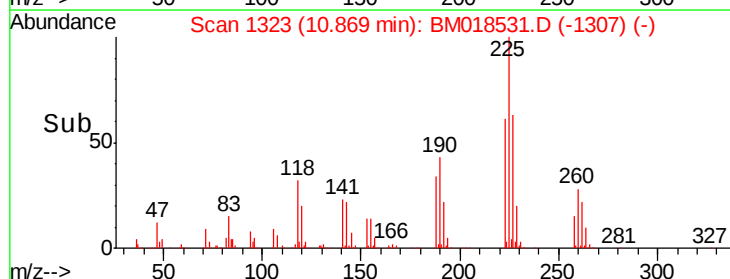
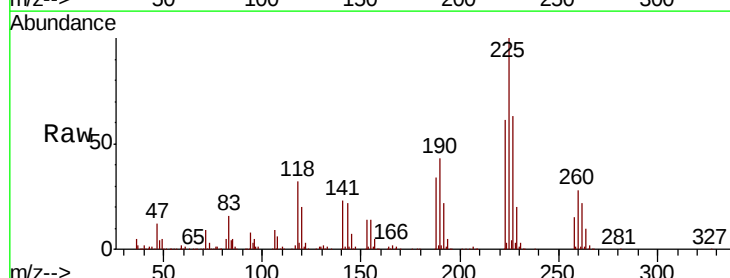
Manual Integrations  
APPROVED

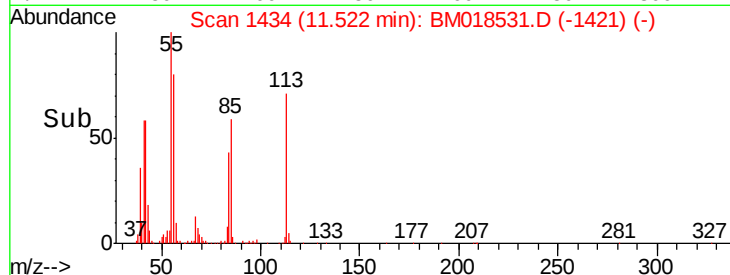
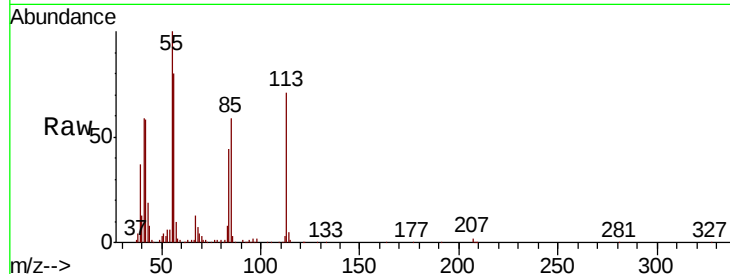
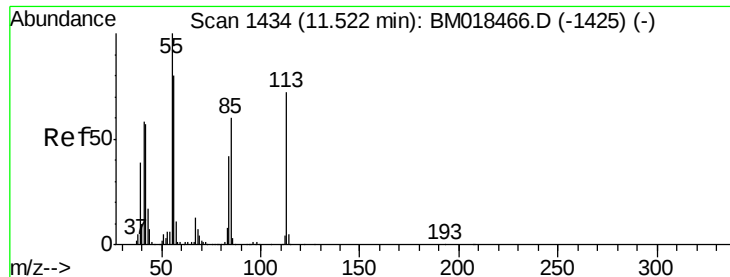
Sohil  
1/11/2019 4:41:16 PM



#34  
Hexachlorobutadiene  
Concen: 28.171 ng  
RT: 10.87 min Scan# 1323  
Delta R.T. -0.01 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.1  | 50.8  | 76.2  |
| 227     | 63.2  | 50.4  | 75.6  |





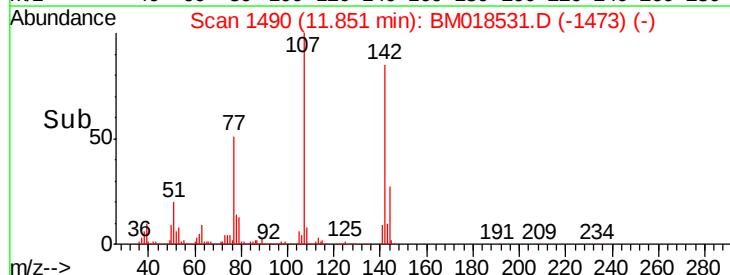
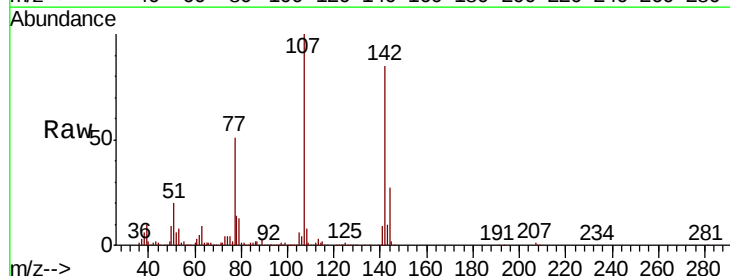
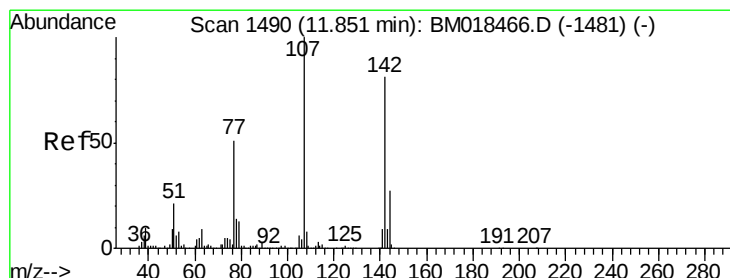
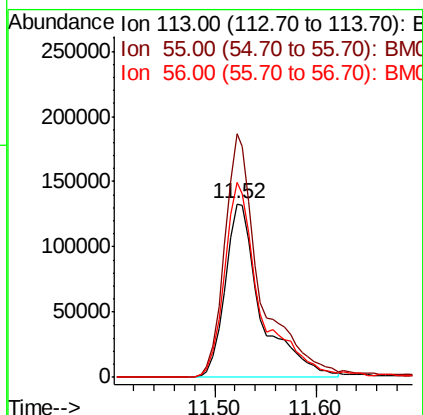
#35  
Caprolactam  
Concen: 31.398 ng  
RT: 11.52 min Scan# 1434  
Delta R.T. -0.02 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

Instrument :  
BNA\_M  
ClientSampleId :  
PB116287BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 140.6 | 139.3 | 179.3 |
| 56      | 112.8 | 101.4 | 141.4 |

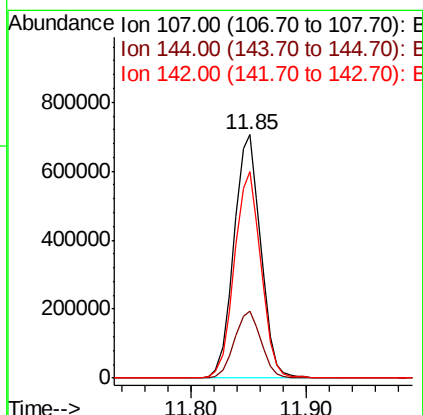
Manual Integrations  
APPROVED

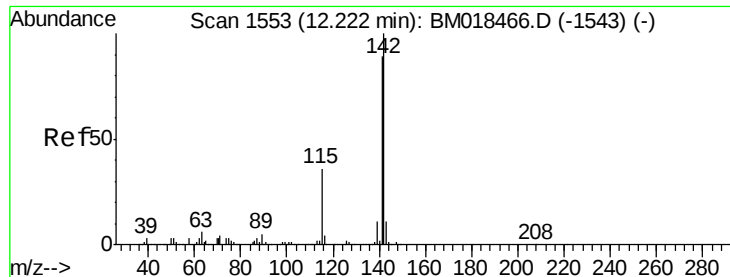
Sohil  
1/11/2019 4:41:16 PM



#36  
4-Chloro-3-methylphenol  
Concen: 35.196 ng  
RT: 11.85 min Scan# 1490  
Delta R.T. -0.00 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 27.4  | 21.9  | 32.9  |
| 142     | 84.8  | 67.9  | 101.9 |





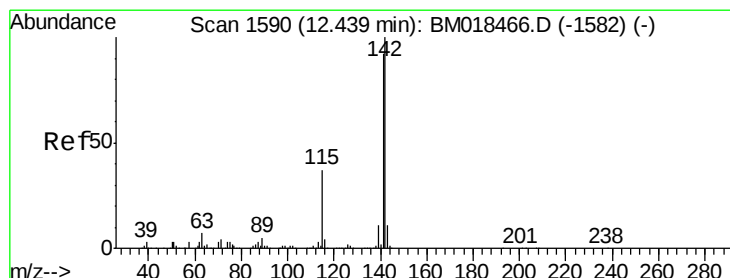
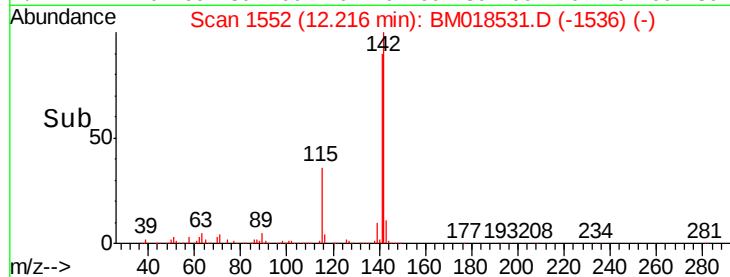
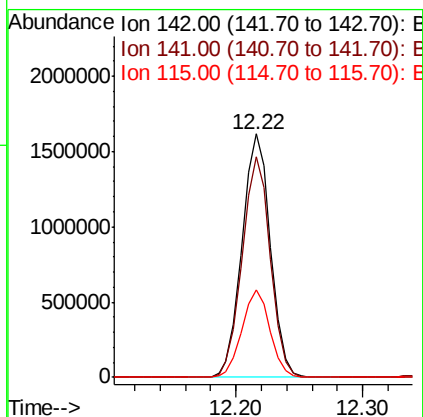
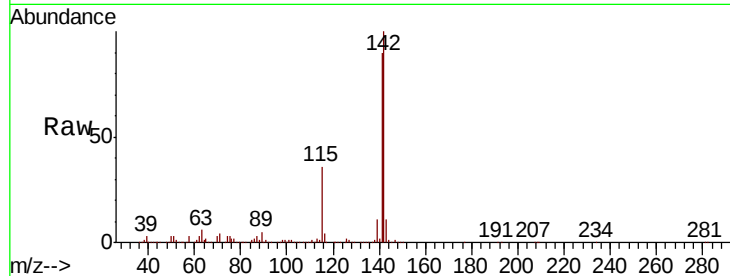
#37  
2-Methylnaphthalene  
Concen: 35.022 ng  
RT: 12.22 min Scan# 1552  
Delta R.T. -0.01 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

Instrument :  
BNA\_M  
ClientSampleId :  
PB116287BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.3  | 71.4  | 107.2 |
| 115     | 35.8  | 28.0  | 42.0  |

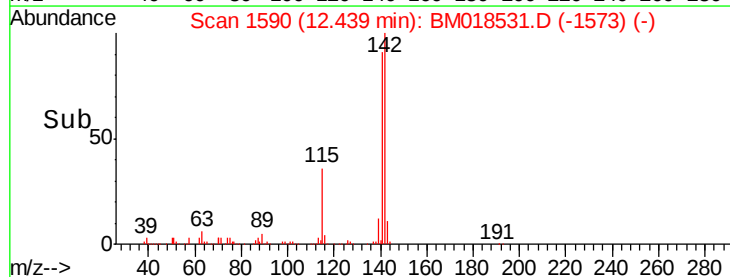
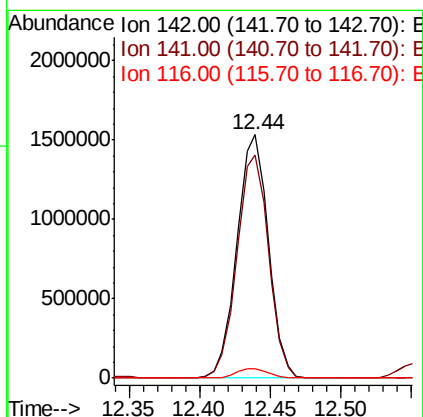
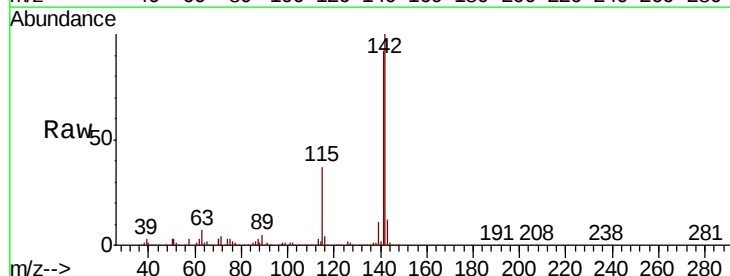
Manual Integrations  
APPROVED

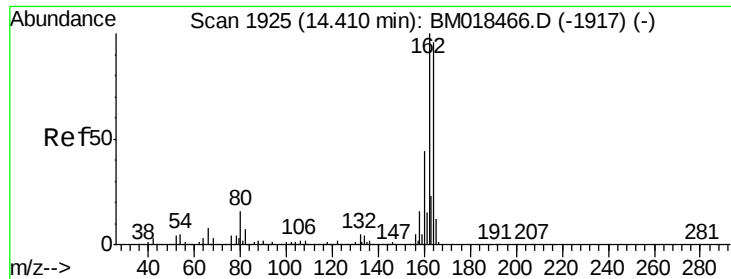
Sohil  
1/11/2019 4:41:16 PM



#38  
1-Methylnaphthalene  
Concen: 34.382 ng  
RT: 12.44 min Scan# 1590  
Delta R.T. -0.00 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.7  | 75.6  | 113.4 |
| 116     | 3.8   | 3.0   | 4.6   |





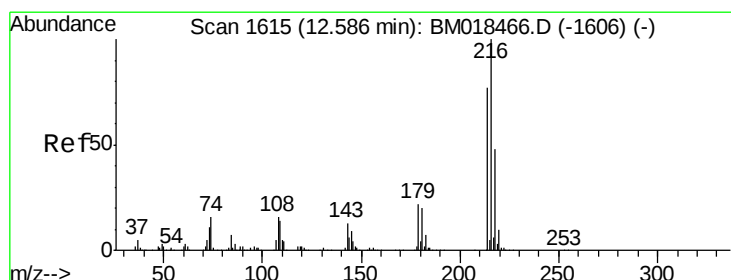
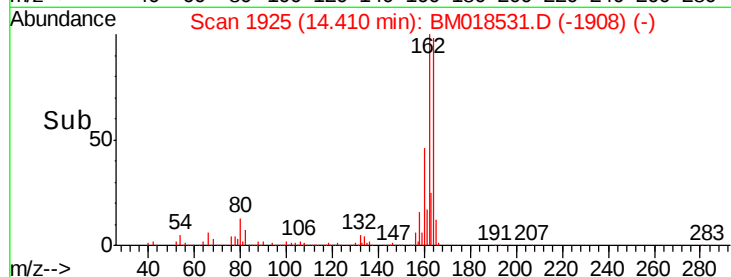
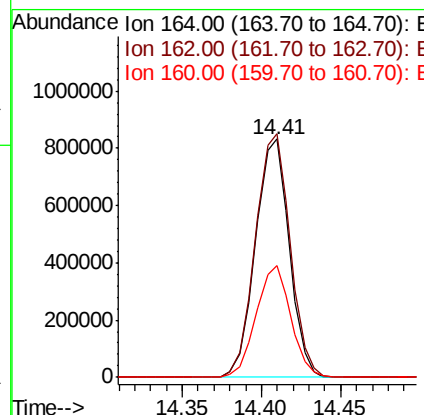
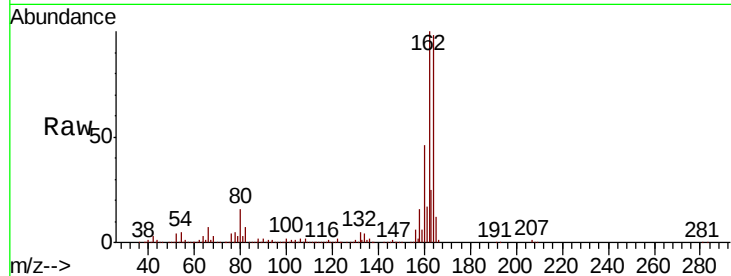
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.41 min Scan# 1925  
Delta R.T. -0.00 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

Instrument :  
BNA\_M  
ClientSampleId :  
PB116287BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.2 | 83.0  | 124.4 |
| 160     | 46.9  | 37.1  | 55.7  |

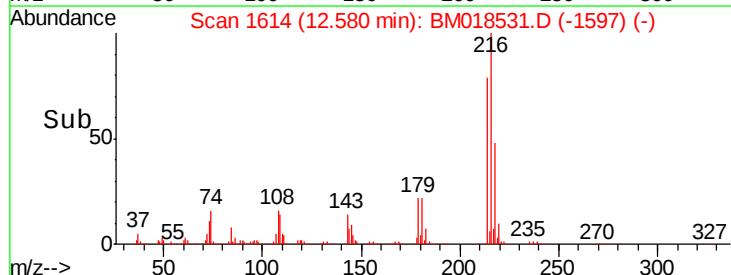
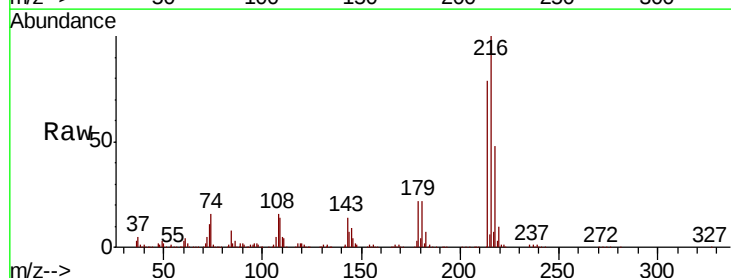
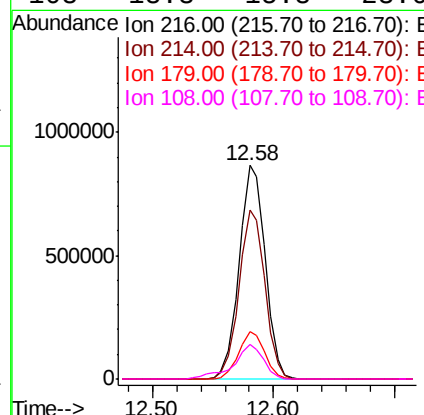
Manual Integrations  
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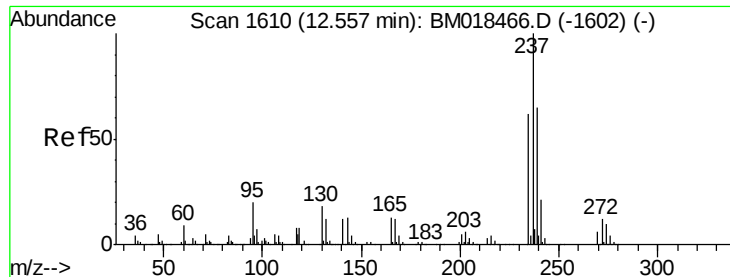
Sohil  
1/11/2019 4:41:16 PM



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 30.109 ng  
RT: 12.58 min Scan# 1614  
Delta R.T. -0.00 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.0  | 63.4  | 95.0  |
| 179     | 22.2  | 17.9  | 26.9  |
| 108     | 18.3  | 15.8  | 23.6  |





#41

Hexachlorocyclopentadiene

Concen: 47.374 ng

RT: 12.55 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

Instrument :

BNA\_M

ClientSampleId :

PB116287BSD

Tot Ion:237 Resp: 1121855

Ion Ratio Lower Upper

237 100

235 62.5 42.8 82.8

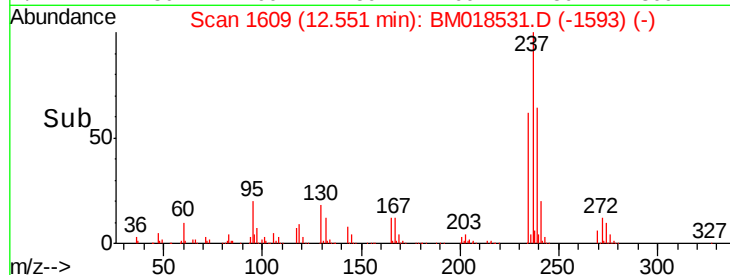
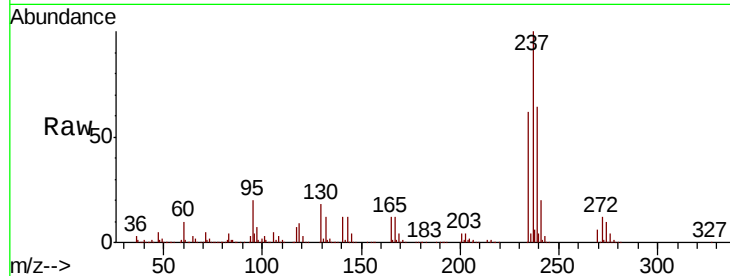
272 12.0 0.0 31.9

Manual Integrations

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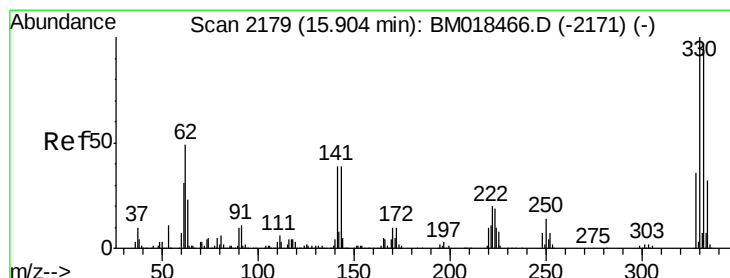
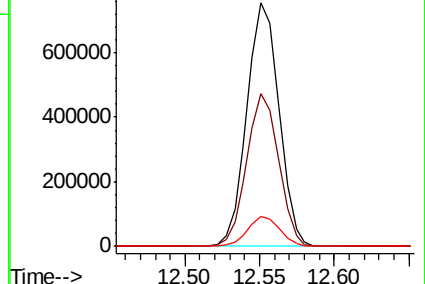
1/11/2019 4:41:16 PM



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 65.031 ng

RT: 15.90 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

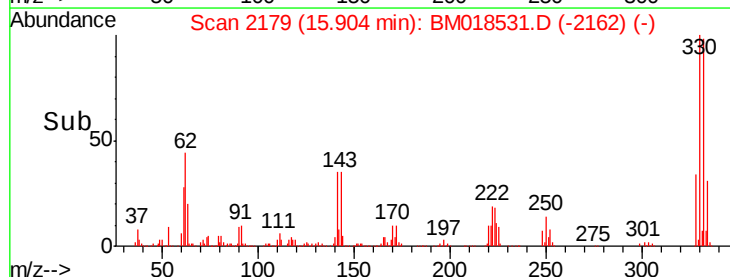
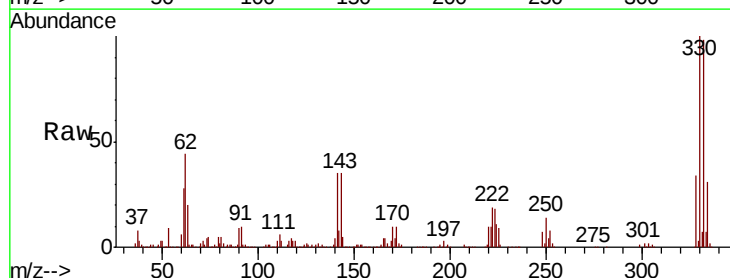
Tgt Ion:330 Resp: 1021679

Ion Ratio Lower Upper

330 100

332 96.2 77.6 116.4

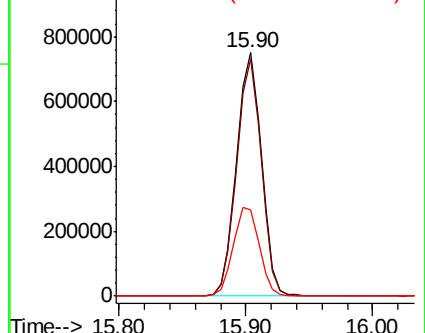
141 38.1 31.7 47.5

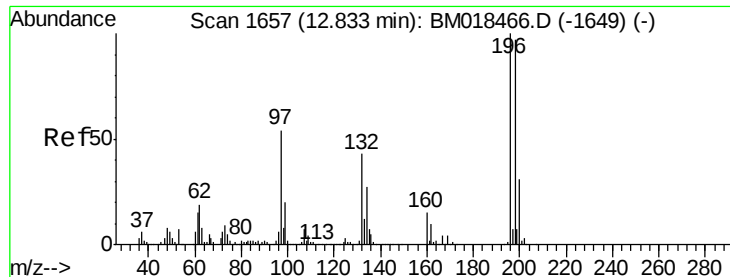


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





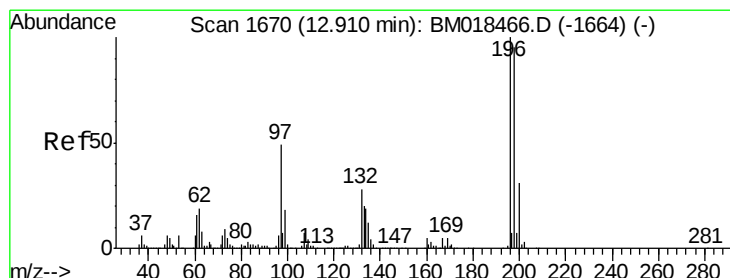
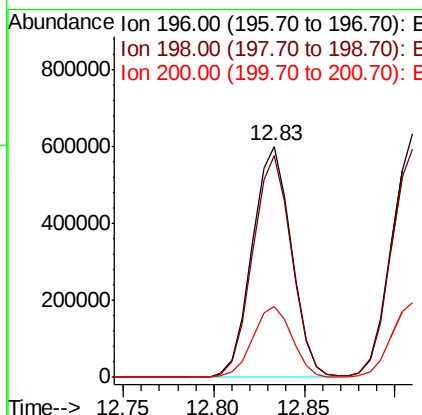
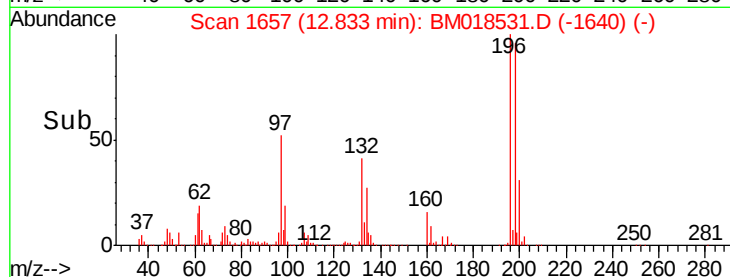
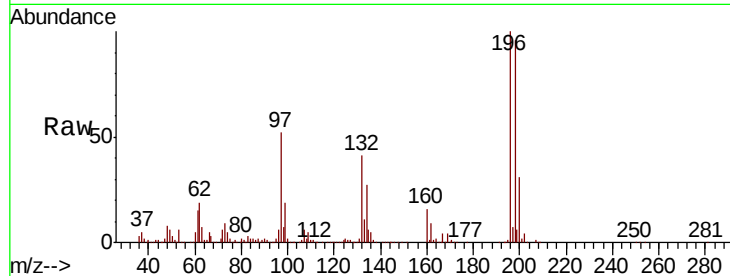
#43  
 2,4,6-Trichlorophenol  
 Concen: 34.480 ng  
 RT: 12.83 min Scan# 1657  
 Delta R.T. -0.00 min  
 Lab File: BM018531.D  
 Acq: 11 Jan 2019 07:34

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB116287BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 903439 |       |       |
| 198     | 96.1  | 76.6   | 115.0 |       |
| 200     | 30.6  | 24.2   | 36.4  |       |

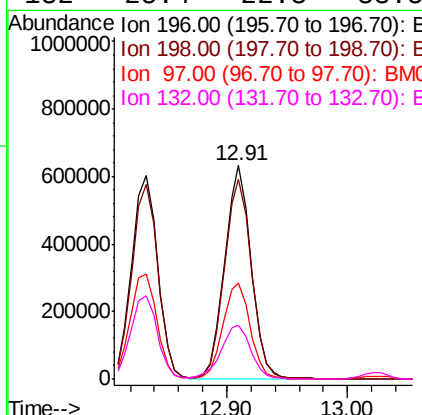
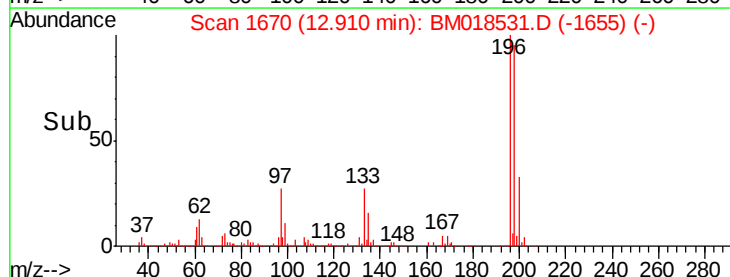
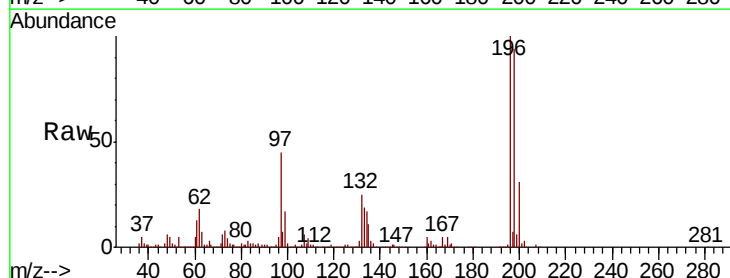
Manual Integrations  
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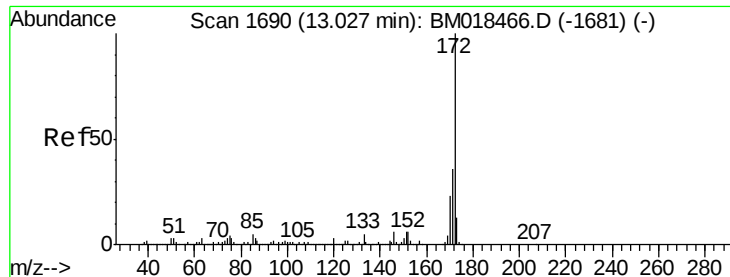
Sohil  
 1/11/2019 4:41:16 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 34.890 ng  
 RT: 12.91 min Scan# 1670  
 Delta R.T. -0.01 min  
 Lab File: BM018531.D  
 Acq: 11 Jan 2019 07:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 961470 |       |       |
| 198     | 93.7  | 76.7   | 115.1 |       |
| 97      | 44.7  | 39.2   | 58.8  |       |
| 132     | 25.4  | 22.3   | 33.5  |       |





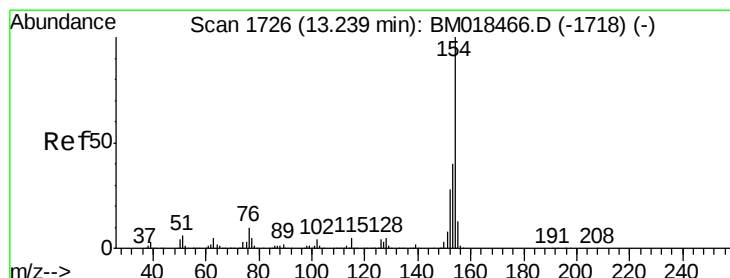
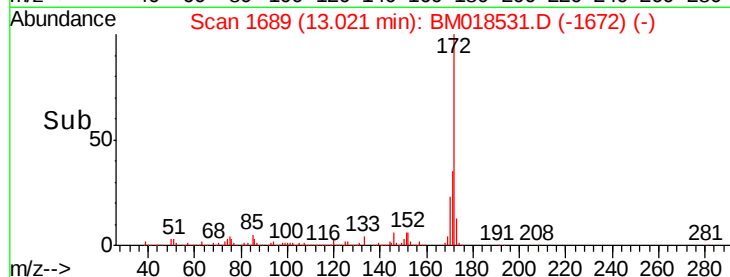
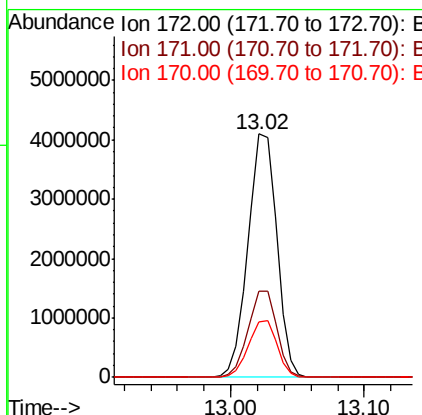
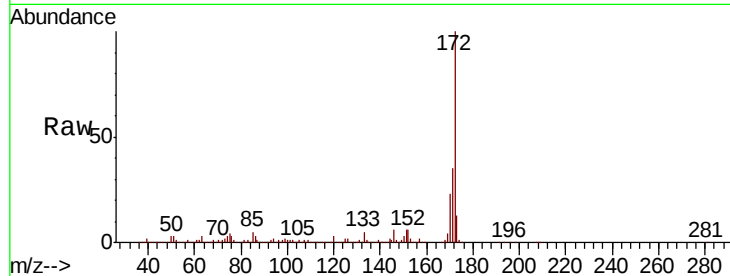
#45  
2-Fluorobiphenyl  
Concen: 64.417 ng  
RT: 13.02 min Scan# 1689  
Delta R.T. -0.00 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

Instrument :  
BNA\_M  
ClientSampleId :  
PB116287BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.3  | 28.2  | 42.4  |
| 170     | 23.0  | 18.9  | 28.3  |

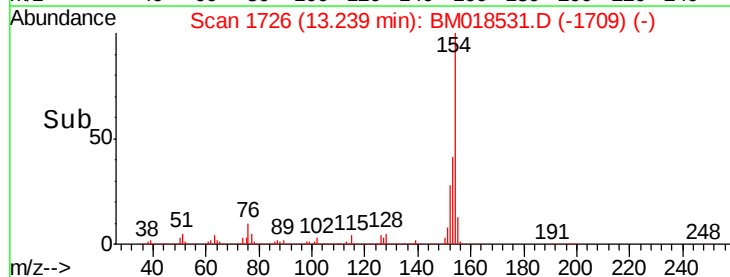
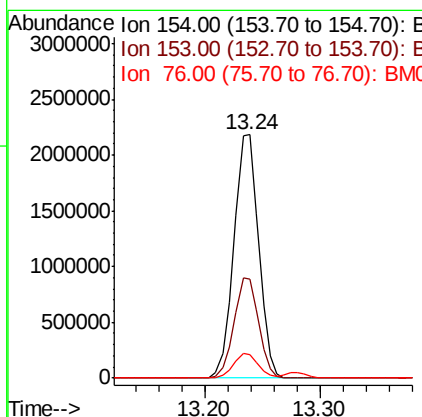
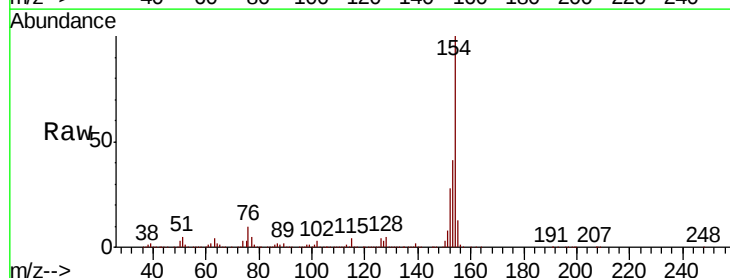
Manual Integrations  
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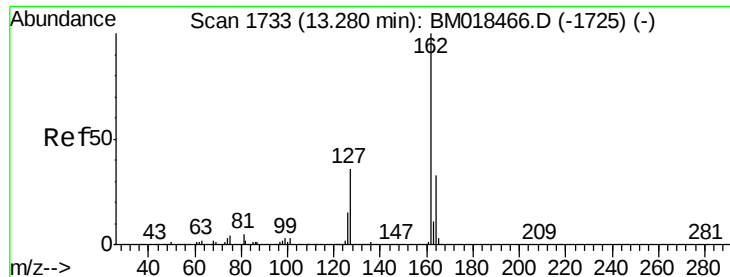
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1/11/2019 4:41:16 PM



#46  
1,1'-Biphenyl  
Concen: 29.981 ng  
RT: 13.24 min Scan# 1726  
Delta R.T. -0.00 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.7  | 20.5  | 60.5  |
| 76      | 9.7   | 0.0   | 31.9  |





#47

2-Chloronaphthalene

Concen: 30.076 ng

RT: 13.28 min Scan# 1733

Delta R.T. -0.00 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

Instrument :

BNA\_M

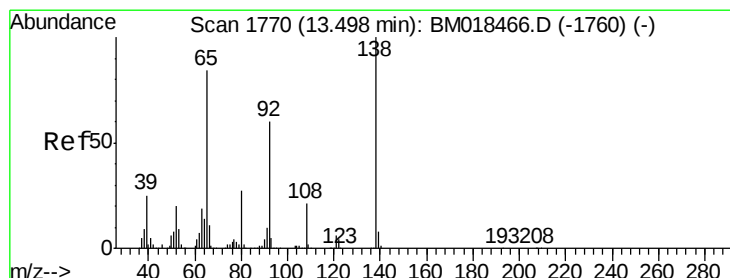
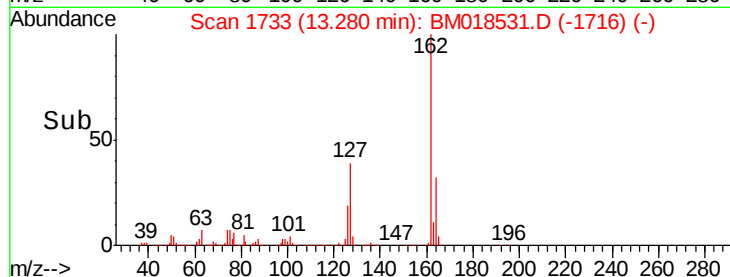
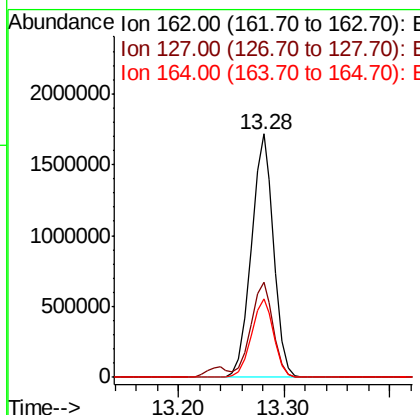
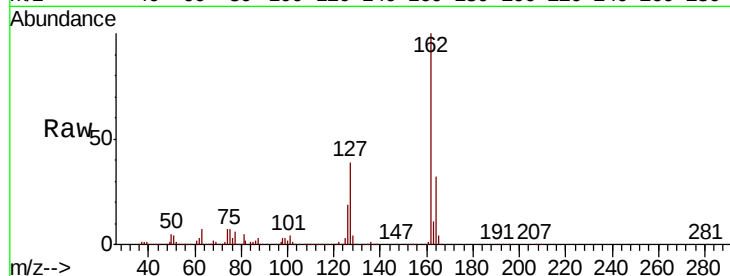
ClientSampleId :

PB116287BSD

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 162   | Resp: | 2512681 |
| Ion      | Ratio | Lower | Upper   |
| 162      | 100   |       |         |
| 127      | 39.2  | 31.4  | 47.0    |
| 164      | 32.2  | 26.2  | 39.4    |

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1/11/2019 4:41:16 PM



#48

2-Nitroaniline

Concen: 33.698 ng

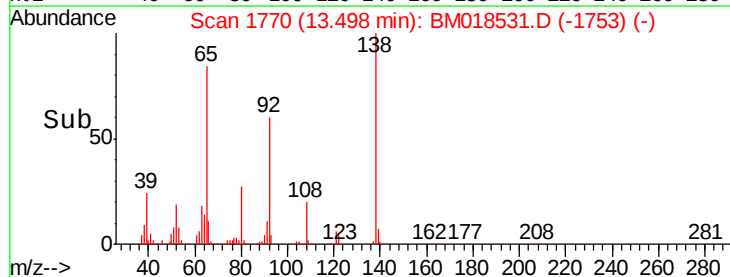
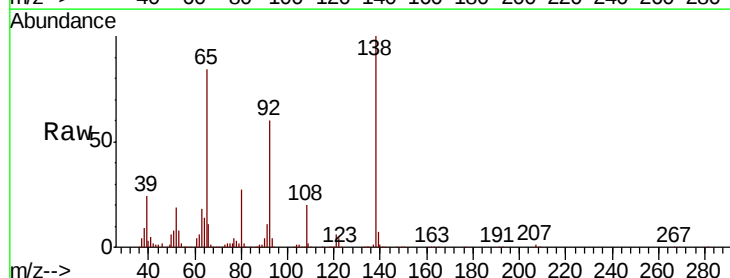
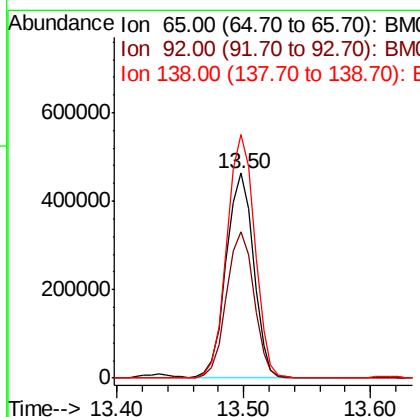
RT: 13.50 min Scan# 1770

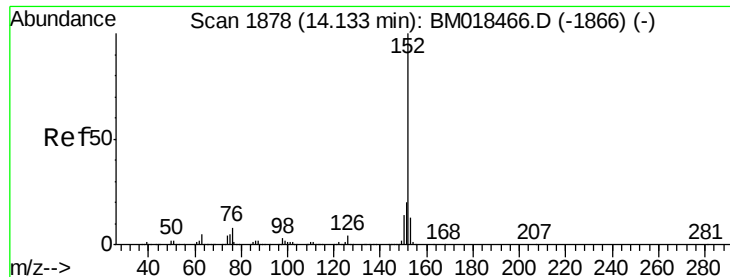
Delta R.T. -0.00 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 692633 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 92       | 71.5  | 53.4  | 80.2   |
| 138      | 118.7 | 88.9  | 133.3  |





#49

Acenaphthylene

Concen: 33.840 ng

RT: 14.13 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

Instrument :

BNA\_M

ClientSampleId :

PB116287BSD

Tot Ion:152 Resp: 4120019

Ion Ratio Lower Upper

152 100

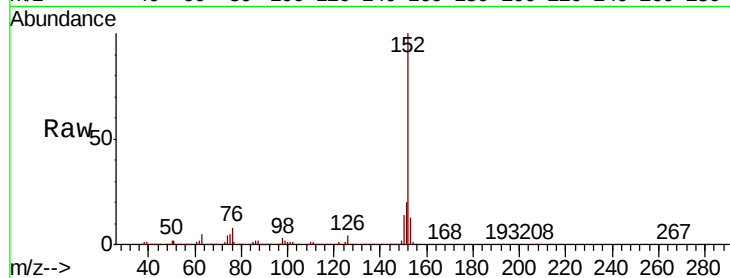
151 19.9 15.7 23.5

153 13.1 10.5 15.7

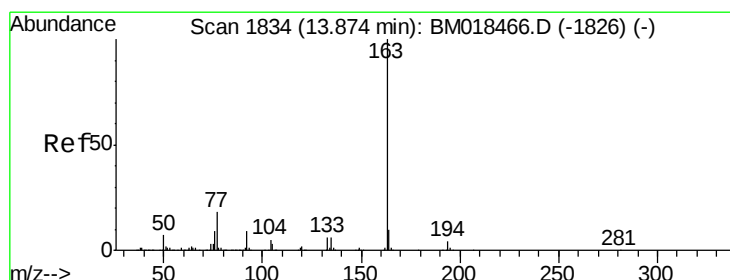
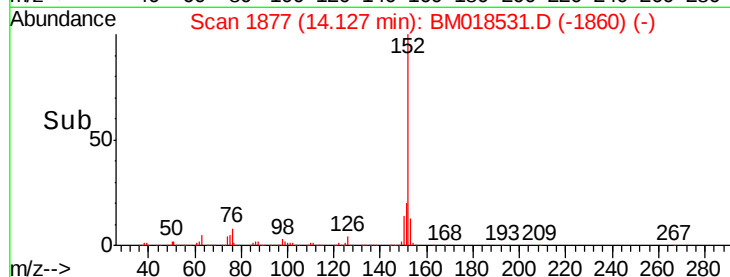
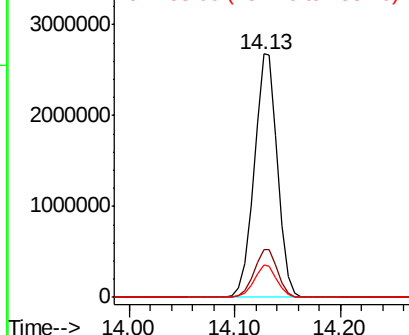
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Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 32.229 ng

RT: 13.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

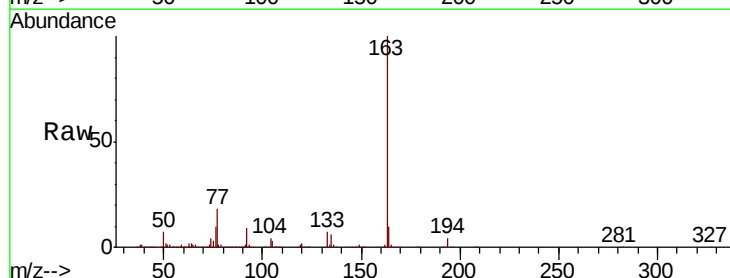
Tgt Ion:163 Resp: 3265883

Ion Ratio Lower Upper

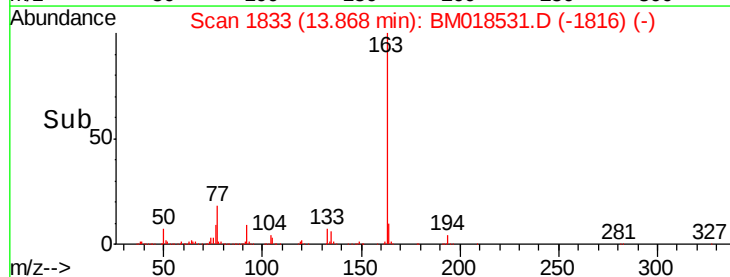
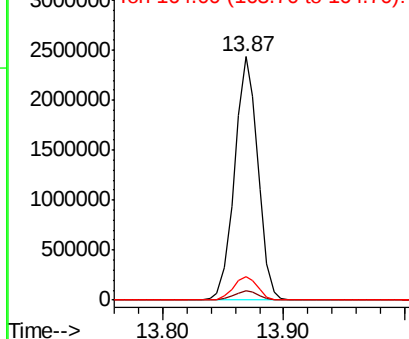
163 100

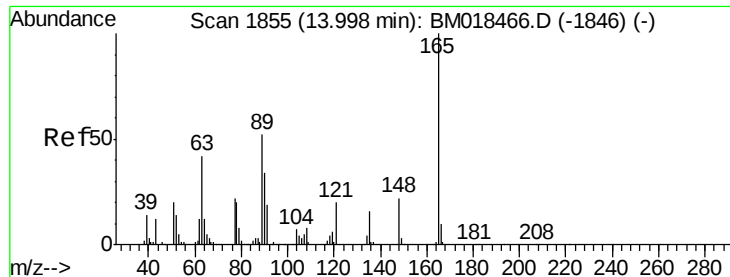
194 4.0 3.0 4.6

164 9.9 7.8 11.8



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





#51

2,6-Dinitrotoluene

Concen: 32.688 ng

RT: 14.00 min Scan# 1855

Delta R.T. 0.01 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

Instrument :

BNA\_M

ClientSampleId :

PB116287BSD

Tot Ion:165 Resp: 701656

Ion Ratio Lower Upper

165 100

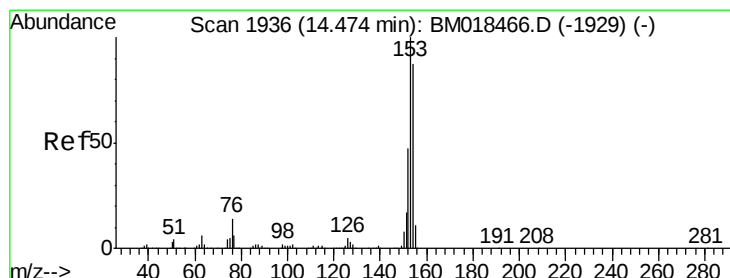
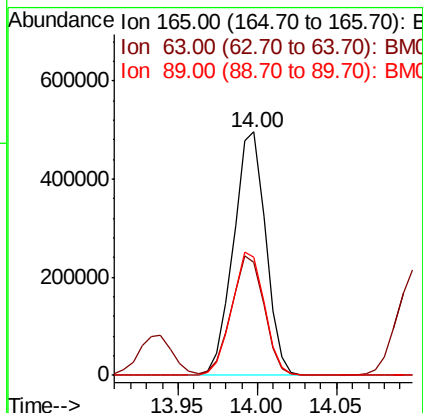
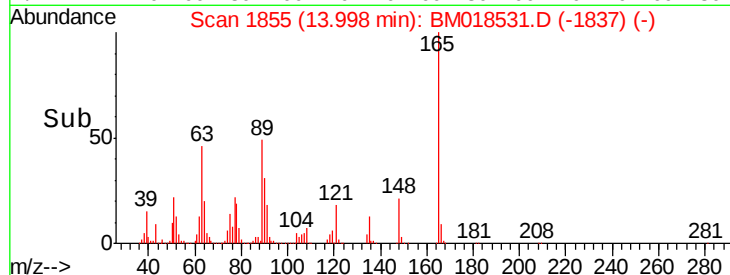
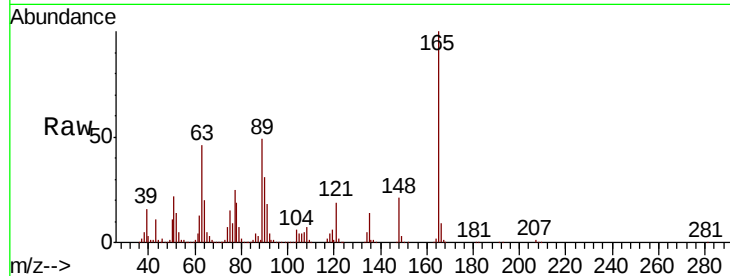
63 46.3 45.6 68.4

89 48.5 44.6 66.8

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#52

Acenaphthene

Concen: 31.756 ng

RT: 14.47 min Scan# 1936

Delta R.T. 0.01 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

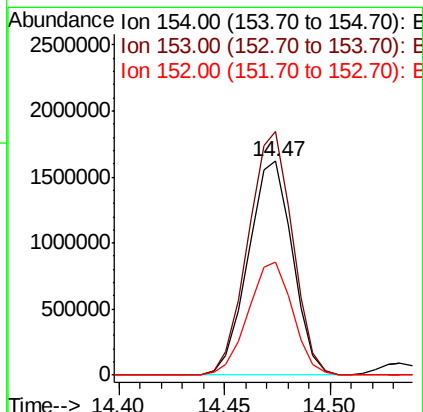
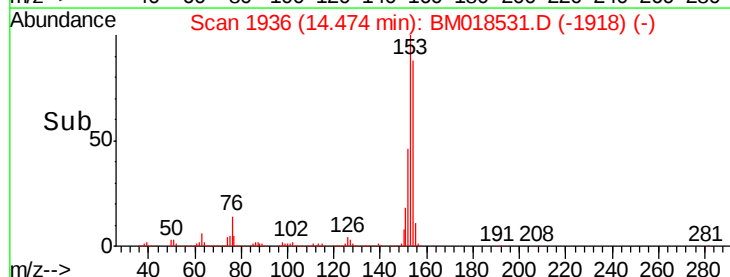
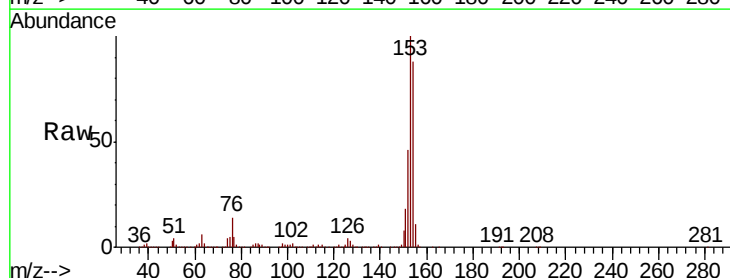
Tgt Ion:154 Resp: 2365653

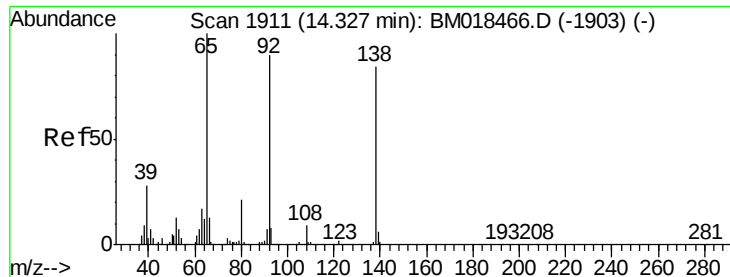
Ion Ratio Lower Upper

154 100

153 113.9 92.3 138.5

152 52.7 43.8 65.6





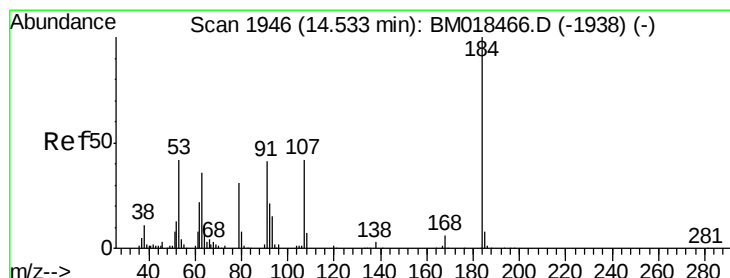
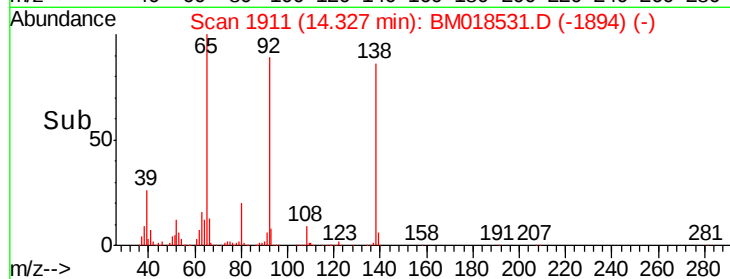
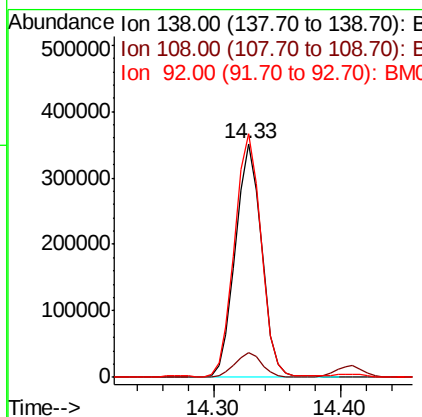
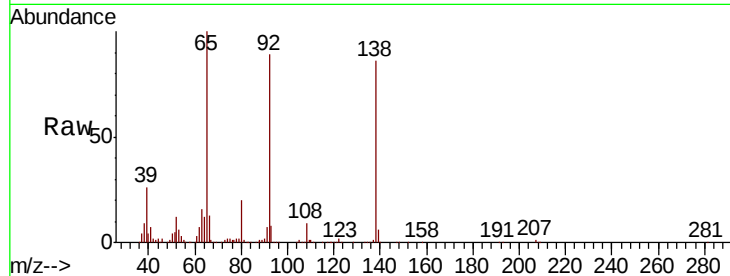
#53  
3-Nitroaniline  
Concen: 23.390 ng  
RT: 14.33 min Scan# 1911  
Delta R.T. -0.00 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

Instrument :  
BNA\_M  
ClientSampleId :  
PB116287BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.5  | 9.1   | 13.7  |
| 92      | 104.2 | 88.2  | 132.2 |

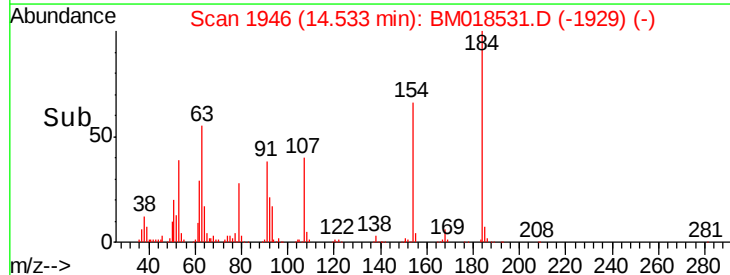
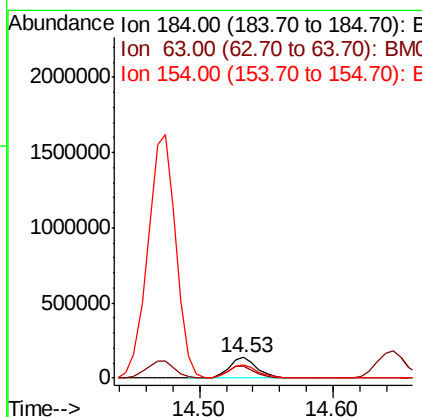
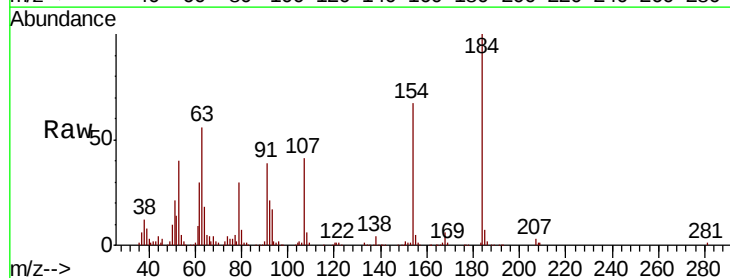
Manual Integrations  
APPROVED

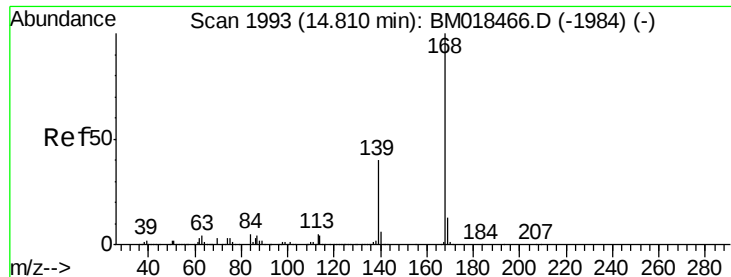
Sohil  
1/11/2019 4:41:16 PM



#54  
2,4-Dinitrophenol  
Concen: 22.935 ng  
RT: 14.53 min Scan# 1946  
Delta R.T. 0.00 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 55.8  | 55.9  | 83.9# |
| 154     | 66.7  | 54.2  | 81.4  |





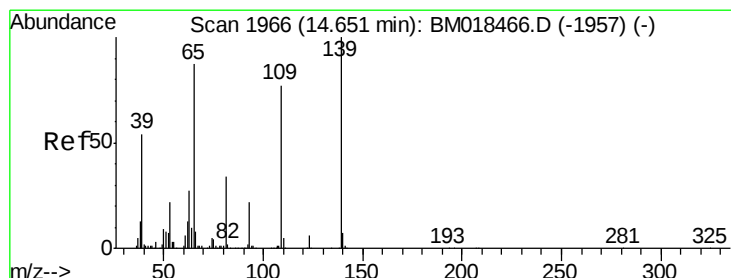
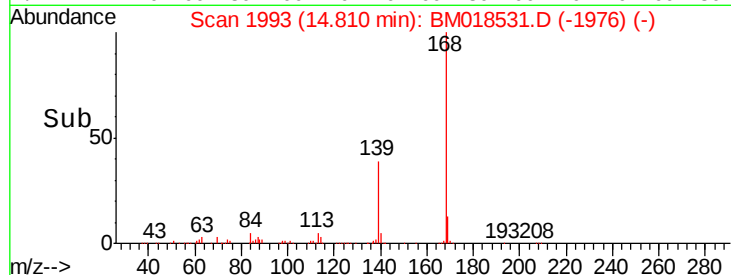
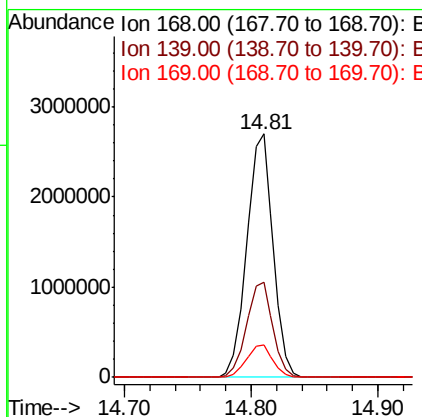
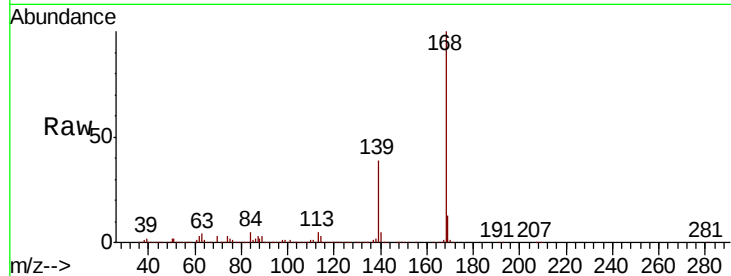
#55  
Dibenzofuran  
Concen: 31.417 ng  
RT: 14.81 min Scan# 1993  
Delta R.T. -0.00 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

Instrument :  
BNA\_M  
ClientSampleId :  
PB116287BSD

Tot Ion:168 Resp: 3867045  
Ion Ratio Lower Upper  
168 100  
139 39.2 30.3 45.5  
169 13.2 10.6 16.0

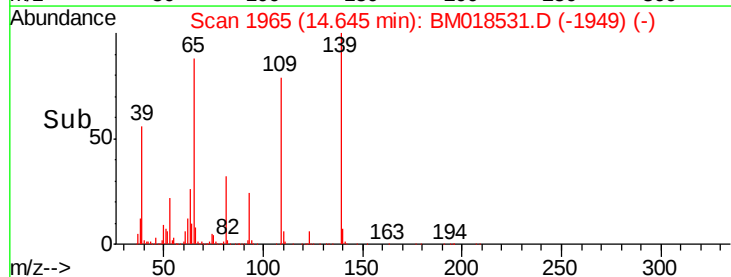
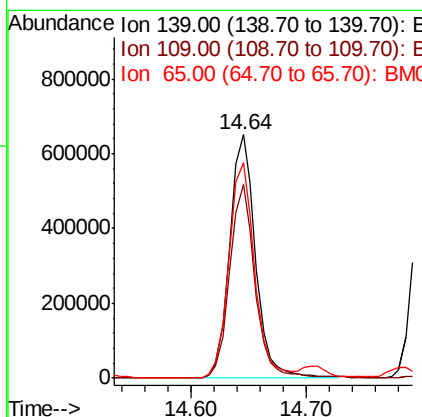
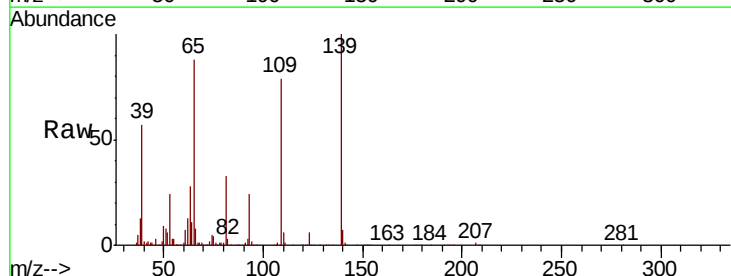
Manual Integrations  
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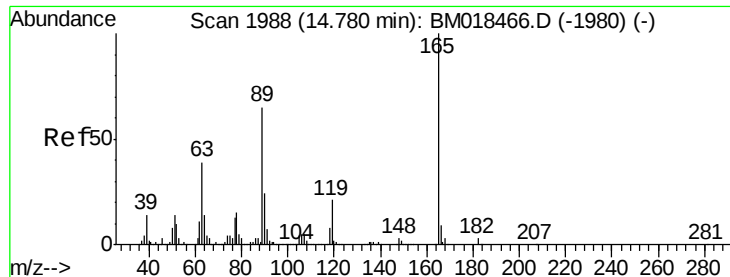
Sohil  
1/11/2019 4:41:16 PM



#56  
4-Nitrophenol  
Concen: 54.061 ng  
RT: 14.64 min Scan# 1965  
Delta R.T. -0.01 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

Tgt Ion:139 Resp: 1010671  
Ion Ratio Lower Upper  
139 100  
109 79.3 51.7 91.7  
65 88.3 71.4 111.4





#57

2,4-Dinitrotoluene

Concen: 30.844 ng

RT: 14.78 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

Instrument :

BNA\_M

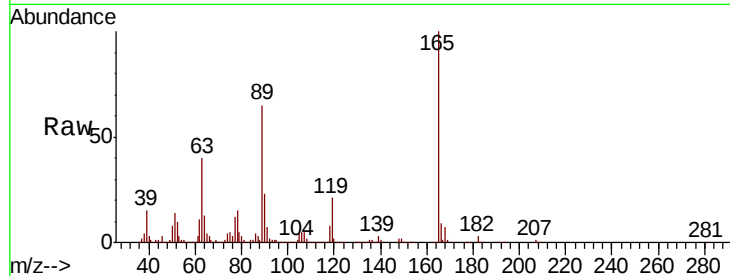
ClientSampled :

PB116287BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 165   | Resp: | 936759 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 39.9  | 32.2  | 48.2   |
| 89        | 65.0  | 52.1  | 78.1   |
| 182       | 2.8   | 2.5   | 3.7    |

Manual Integrations  
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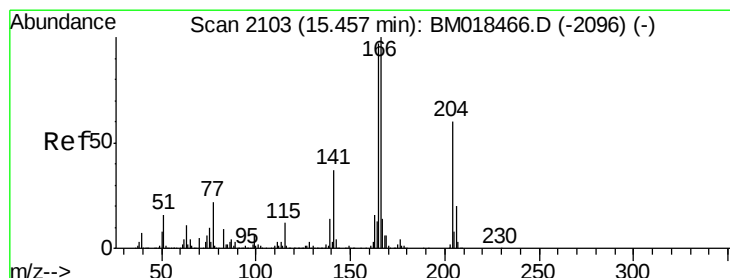
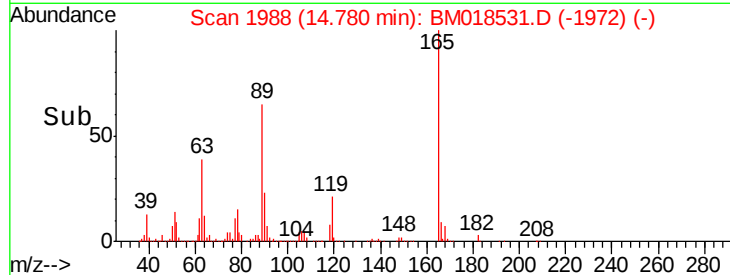
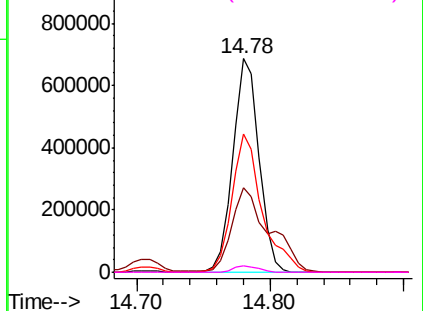
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 34.042 ng

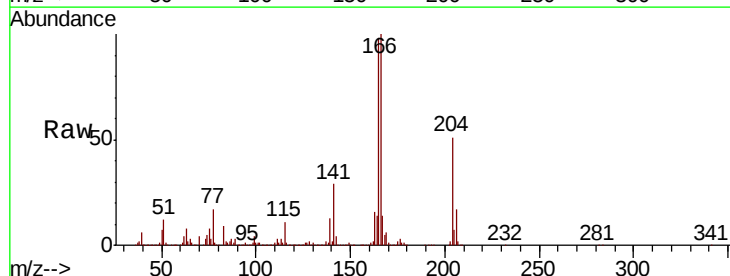
RT: 15.46 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 166   | Resp: | 3121345 |
| Ion Ratio | Lower | Upper |         |
| 166       | 100   |       |         |
| 165       | 98.3  | 78.3  | 117.5   |
| 167       | 13.7  | 10.9  | 16.3    |

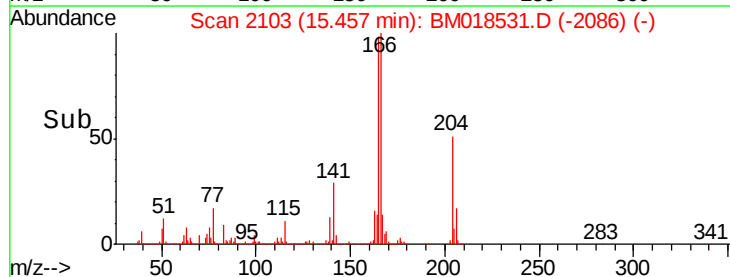
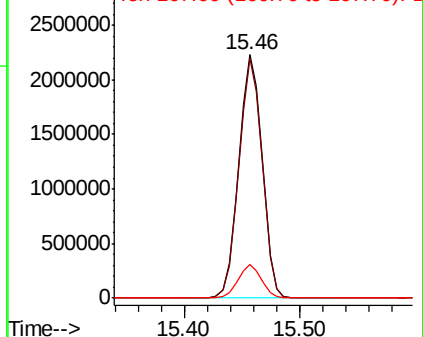


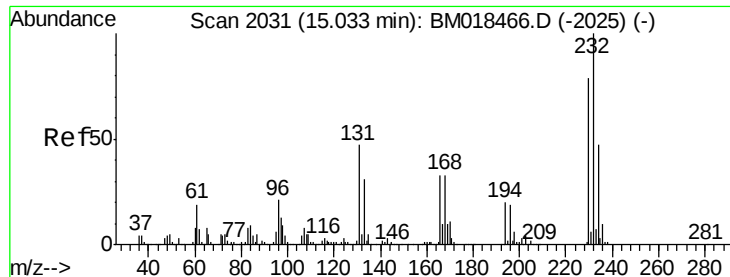
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





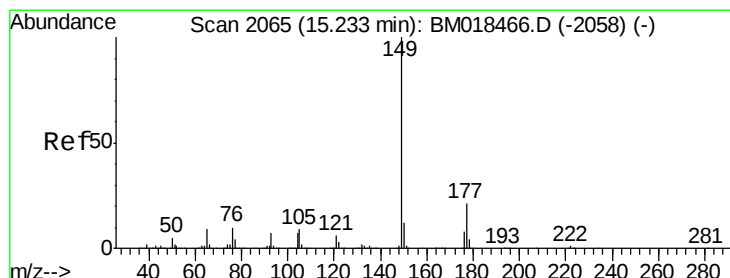
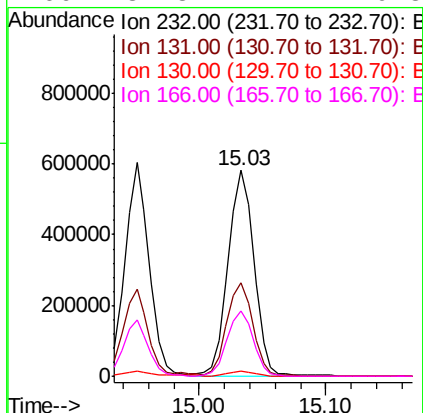
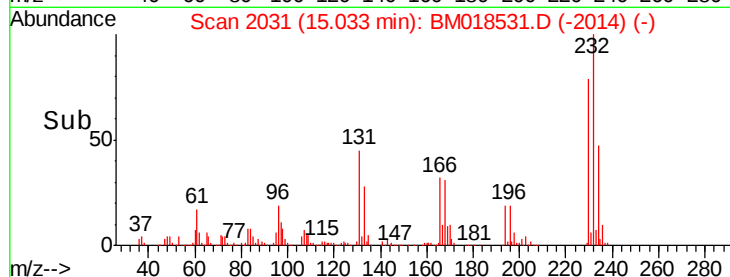
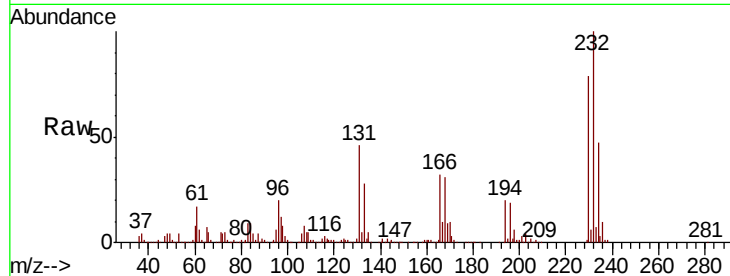
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 33.475 ng  
RT: 15.03 min Scan# 2031  
Delta R.T. -0.00 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

Instrument :  
BNA\_M  
ClientSampleId :  
PB116287BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 45.6  | 38.6  | 57.8  |
| 130     | 2.5   | 2.2   | 3.4   |
| 166     | 31.8  | 27.2  | 40.8  |

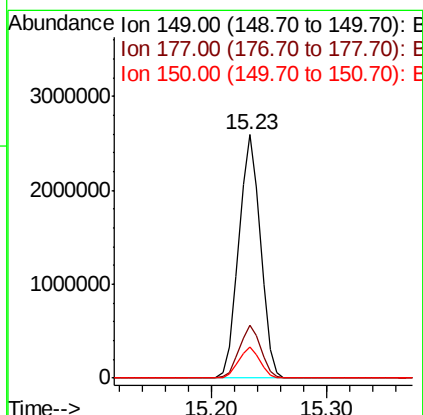
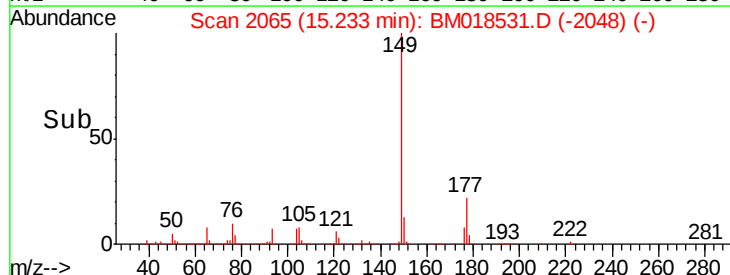
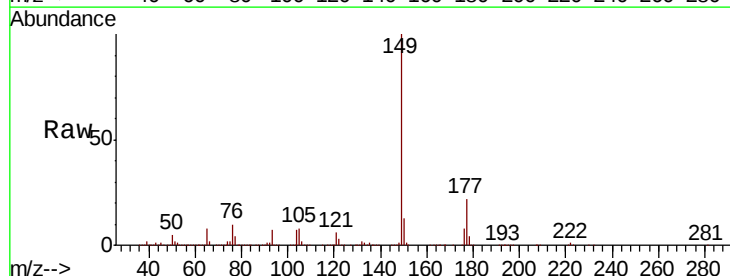
Manual Integrations  
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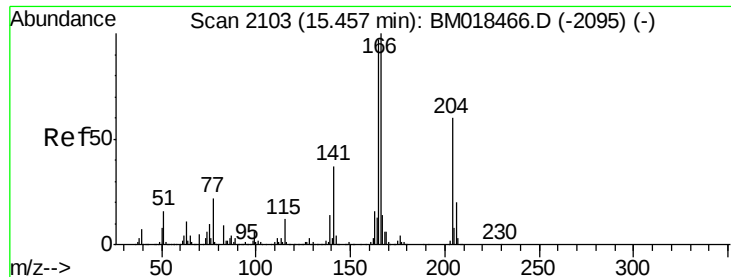
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1/11/2019 4:41:16 PM



#60  
Diethylphthalate  
Concen: 32.993 ng  
RT: 15.23 min Scan# 2065  
Delta R.T. -0.00 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.7  | 17.1  | 25.7  |
| 150     | 12.6  | 9.8   | 14.6  |





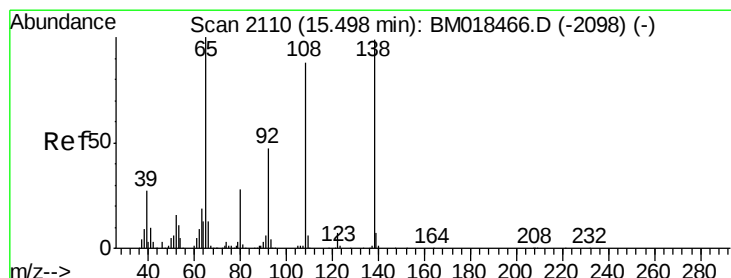
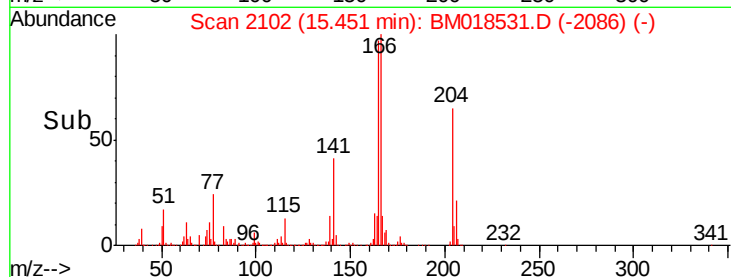
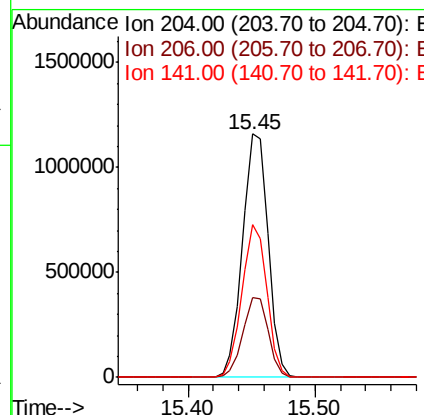
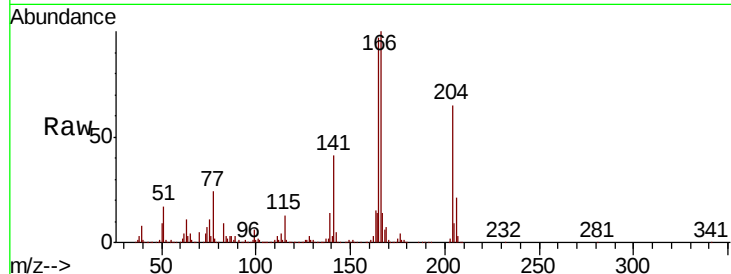
#61  
4-Chlorophenyl-phenylether  
Concen: 30.538 ng  
RT: 15.45 min Scan# 2102  
Delta R.T. -0.01 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

Instrument :  
BNA\_M  
ClientSampled :  
PB116287BSD

Tot Ion:204 Resp: 1613819  
Ion Ratio Lower Upper  
204 100  
206 32.7 25.8 38.6  
141 62.9 49.5 74.3

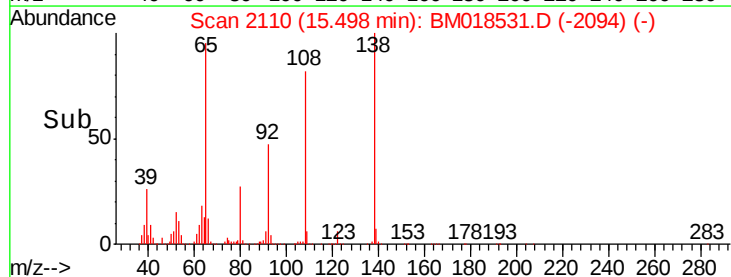
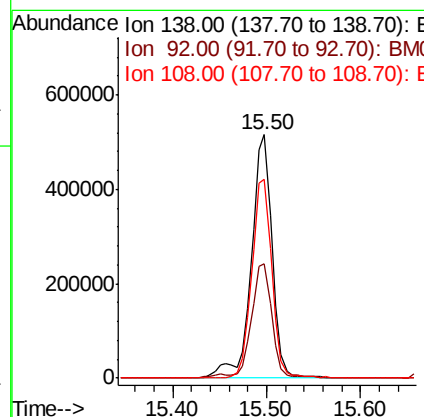
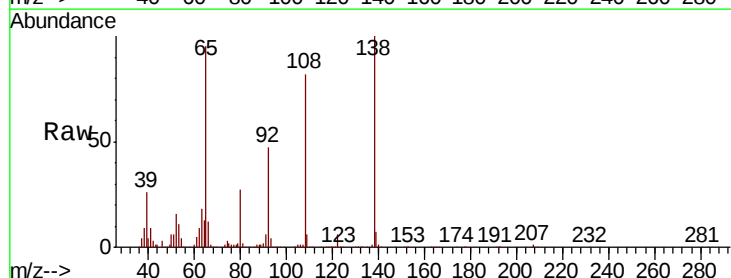
Manual Integrations  
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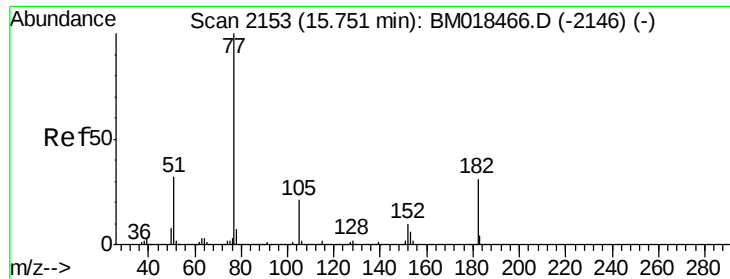
Sohil  
1/11/2019 4:41:16 PM



#62  
4-Nitroaniline  
Concen: 33.575 ng  
RT: 15.50 min Scan# 2110  
Delta R.T. -0.01 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

Tgt Ion:138 Resp: 792512  
Ion Ratio Lower Upper  
138 100  
92 47.2 29.0 69.0  
108 81.8 63.9 103.9





#63

Azobenzene

Concen: 31.849 ng

RT: 15.74 min Scan# 2152

Delta R.T. -0.00 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

Instrument :

BNA\_M

ClientSampleId :

PB116287BSD

Tot Ion: 77 Resp: 2656380

Ion Ratio Lower Upper

77 100

182 30.0 7.4 47.4

105 21.3 0.0 39.6

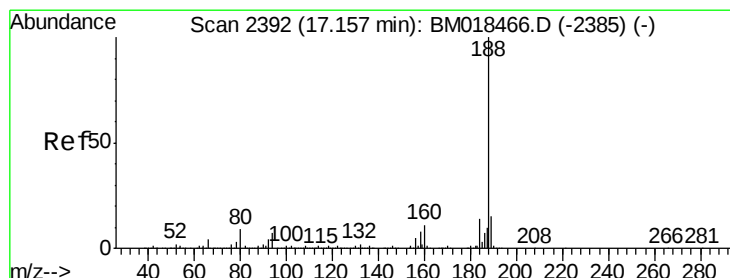
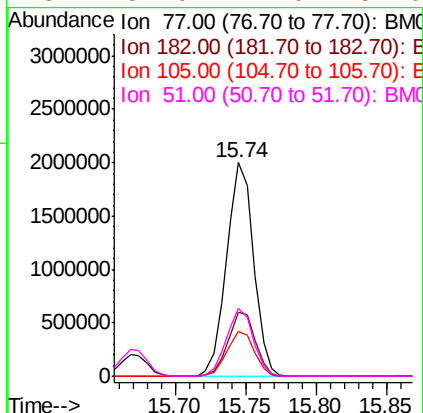
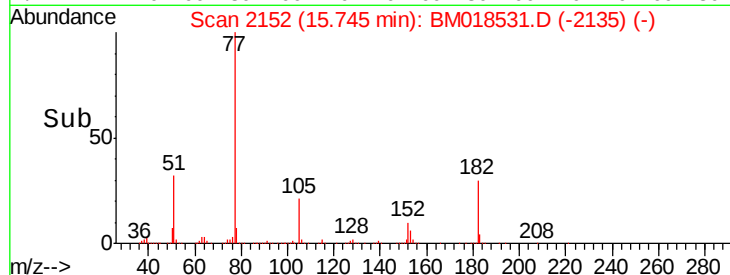
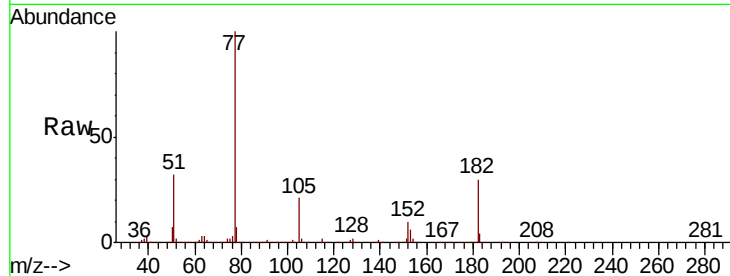
51 32.0 12.0 52.0

Manual Integrations

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#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.16 min Scan# 2392

Delta R.T. -0.00 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

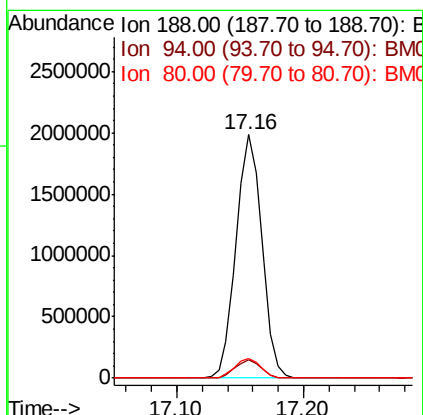
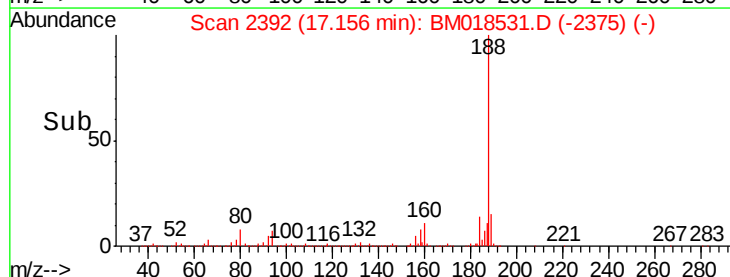
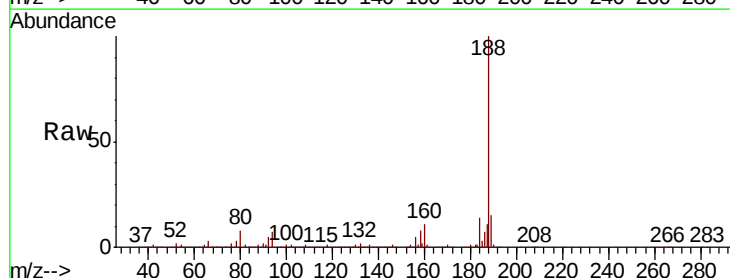
Tgt Ion: 188 Resp: 2783571

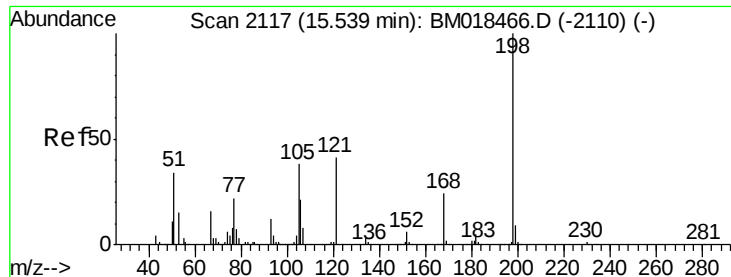
Ion Ratio Lower Upper

188 100

94 7.4 7.1 10.7

80 8.2 7.6 11.4





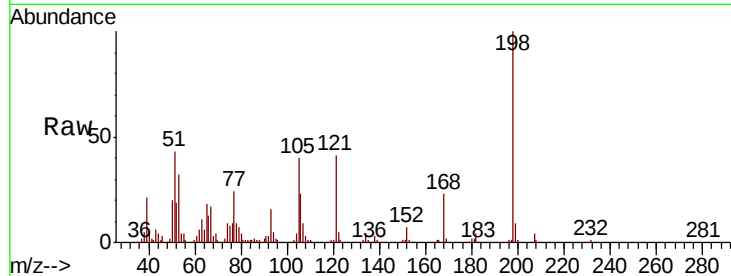
#65  
4,6-Dinitro-2-methylphenol  
Concen: 14.453 ng  
RT: 15.54 min Scan# 2117  
Delta R.T. -0.01 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

Instrument :  
BNA\_M  
ClientSampleId :  
PB116287BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 181088 |       |       |
| 51      | 42.6  | 29.6   | 69.6  |       |
| 105     | 39.5  | 25.5   | 65.5  |       |

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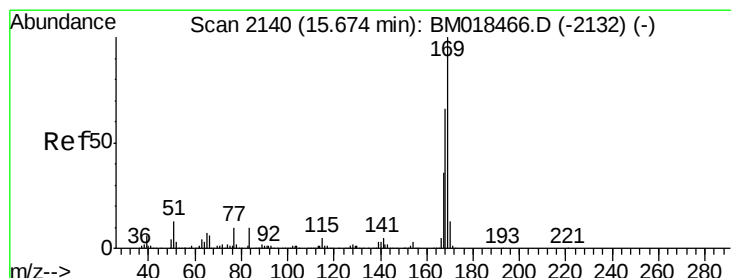
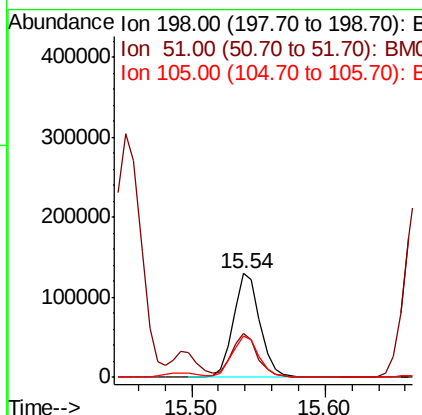
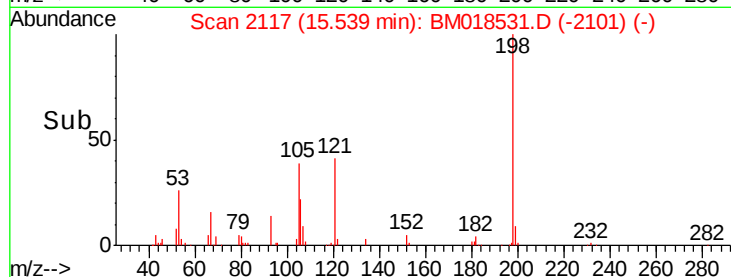


Abundance

Ion 198.00 (197.70 to 198.70): E

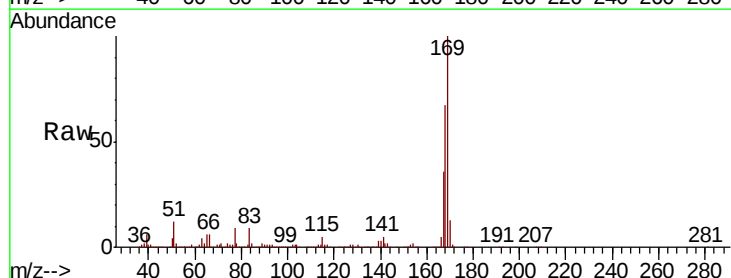
Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66  
n-Nitrosodiphenylamine  
Concen: 32.127 ng  
RT: 15.67 min Scan# 2140  
Delta R.T. -0.00 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 169     | 100   | 2773975 |       |       |
| 168     | 66.8  | 54.1    | 81.1  |       |
| 167     | 35.9  | 28.6    | 42.8  |       |

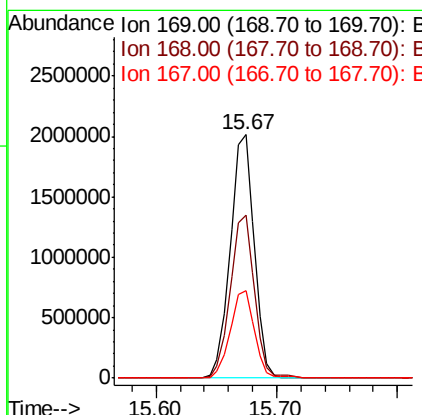
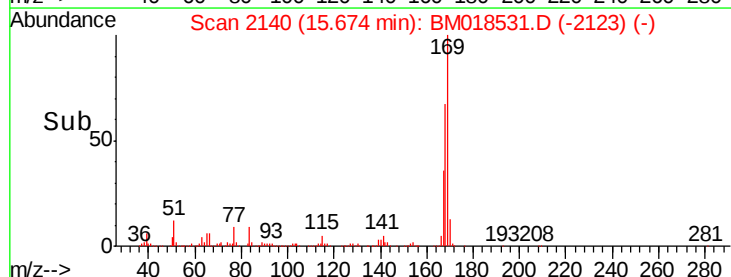


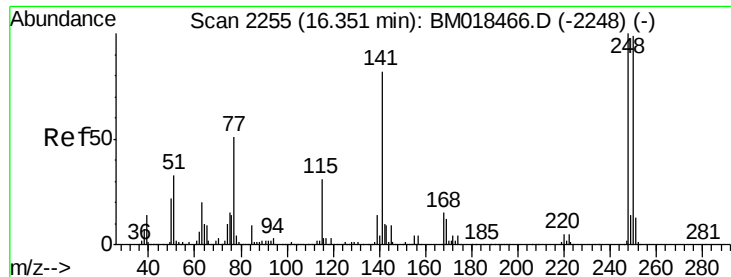
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





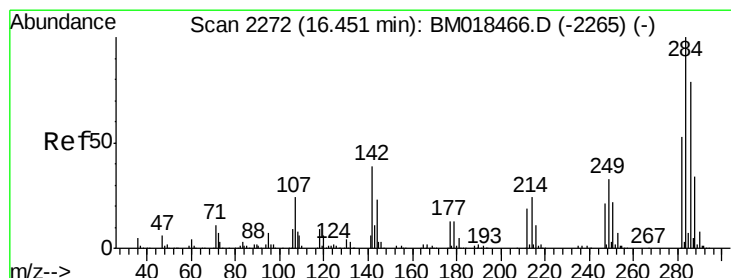
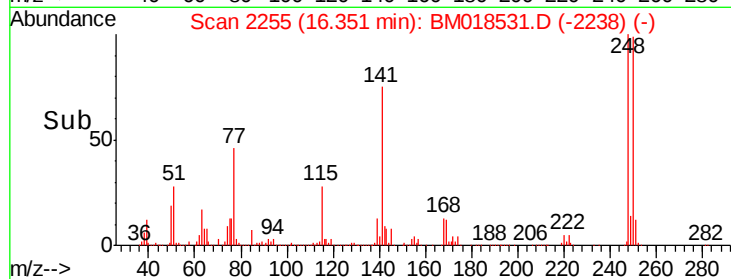
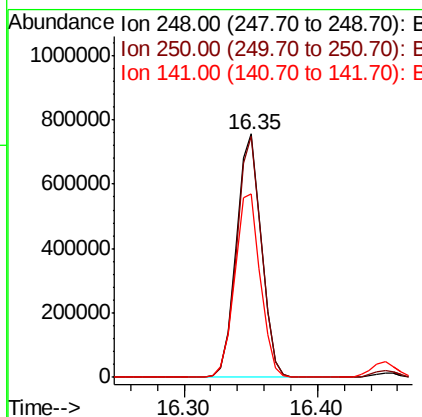
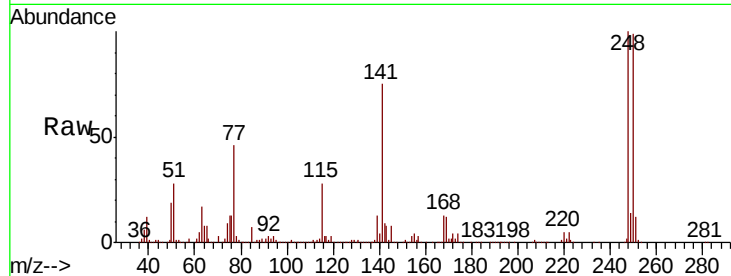
#67  
 4-Bromophenyl-phenylether  
 Concen: 31.530 ng  
 RT: 16.35 min Scan# 2255  
 Delta R.T. -0.00 min  
 Lab File: BM018531.D  
 Acq: 11 Jan 2019 07:34

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB116287BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.8  | 76.0  | 114.0 |
| 141     | 75.1  | 61.5  | 92.3  |

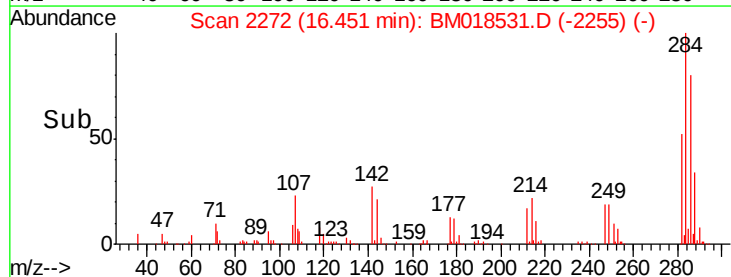
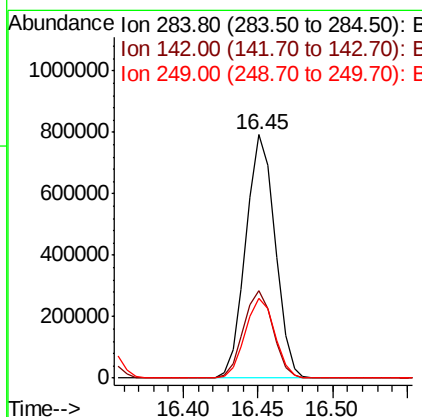
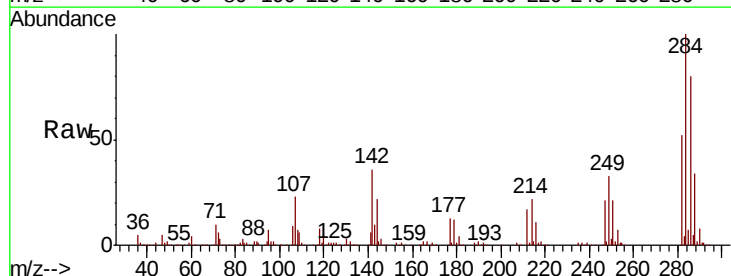
Manual Integrations  
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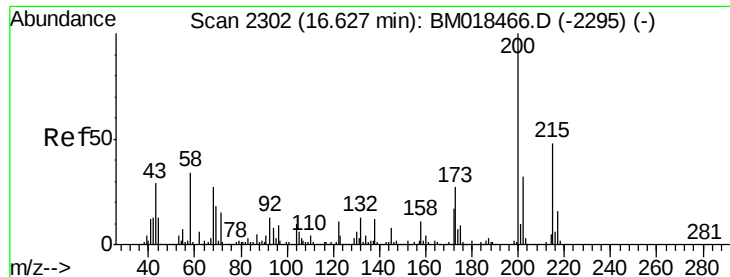
Sohil  
 1/11/2019 4:41:16 PM



#68  
 Hexachlorobenzene  
 Concen: 30.867 ng  
 RT: 16.45 min Scan# 2272  
 Delta R.T. -0.00 min  
 Lab File: BM018531.D  
 Acq: 11 Jan 2019 07:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 36.1  | 29.2  | 43.8  |
| 249     | 32.8  | 26.1  | 39.1  |





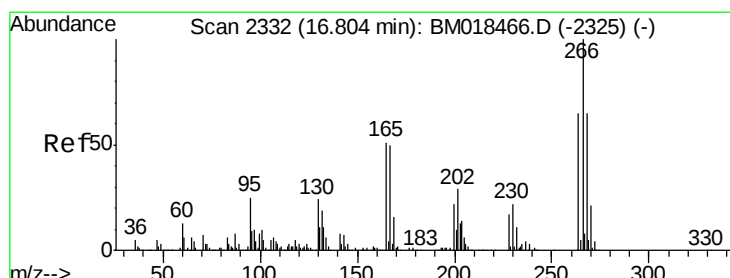
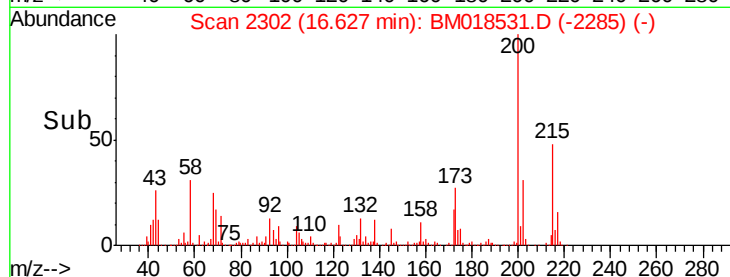
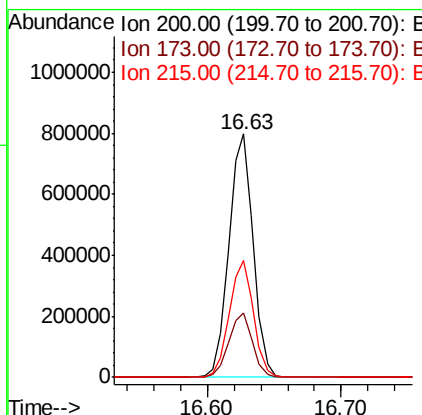
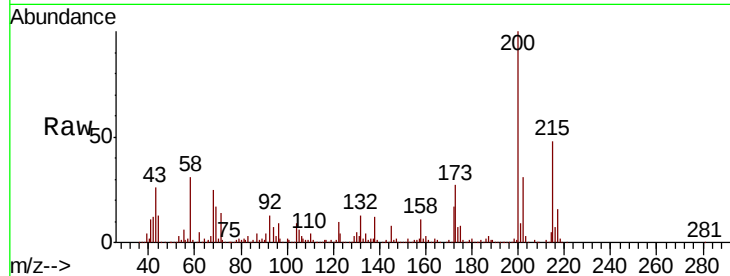
#69  
Atrazine  
Concen: 32.552 ng  
RT: 16.63 min Scan# 2302  
Delta R.T. -0.00 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

Instrument :  
BNA\_M  
ClientSampled :  
PB116287BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.5  | 7.2   | 47.2  |
| 215     | 48.1  | 28.3  | 68.3  |

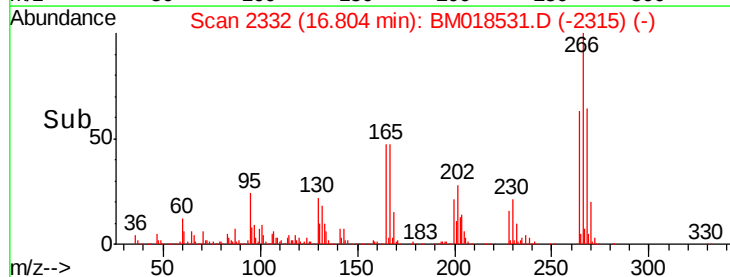
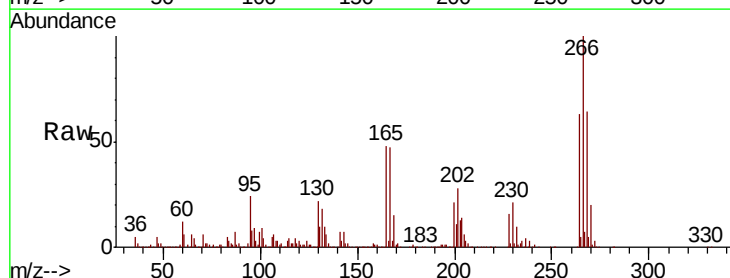
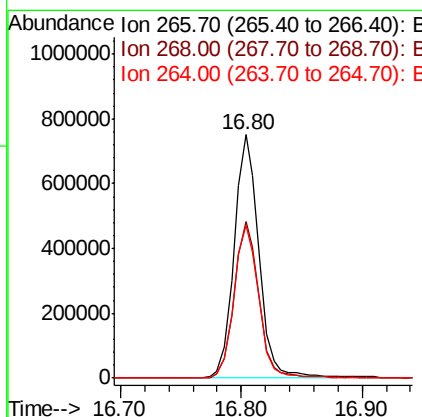
Manual Integrations  
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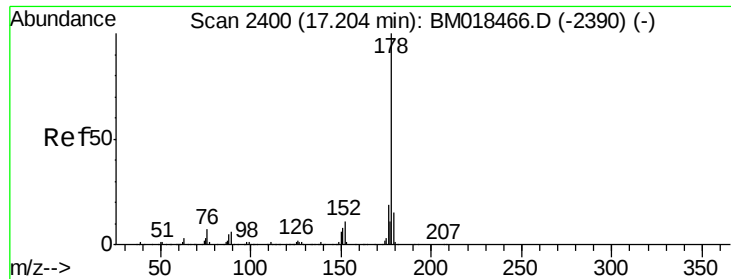
Sohil  
1/11/2019 4:41:16 PM



#70  
Pentachlorophenol  
Concen: 46.984 ng  
RT: 16.80 min Scan# 2332  
Delta R.T. 0.00 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.2  | 49.8  | 74.6  |
| 264     | 62.9  | 50.1  | 75.1  |





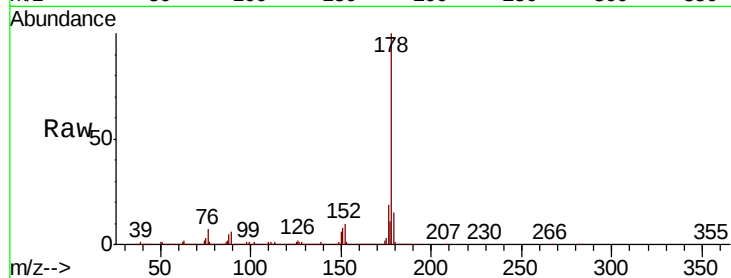
#71  
Phenanthrene  
Concen: 33.517 ng  
RT: 17.20 min Scan# 2400  
Delta R.T. 0.01 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

Instrument :  
BNA\_M  
ClientSampled :  
PB116287BSD

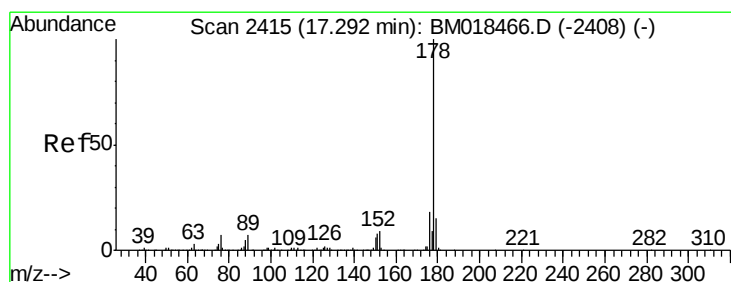
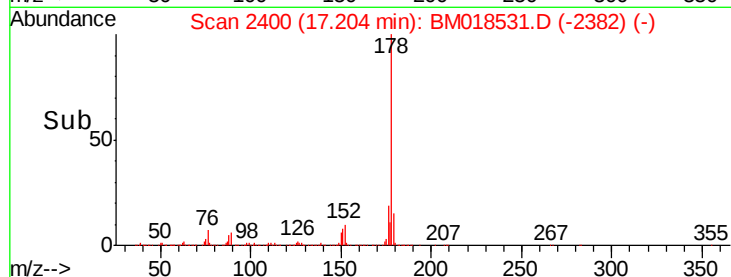
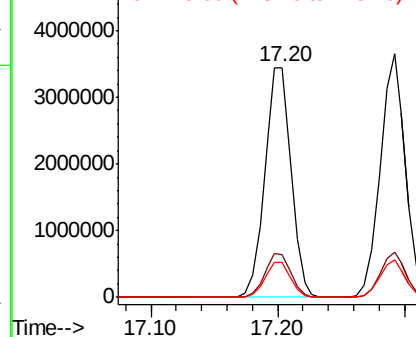
Tot Ion:178 Resp: 4962371  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.4 23.0  
179 15.3 12.2 18.4

Manual Integrations  
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Sohil  
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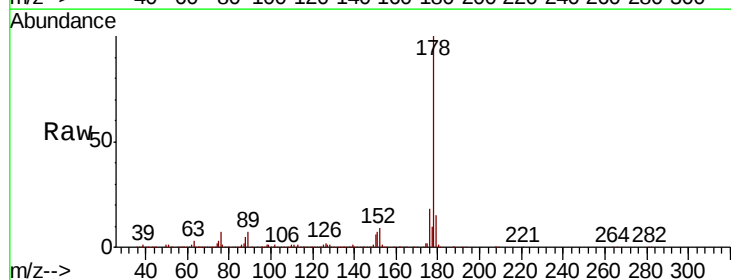


Abundance Ion 178.00 (177.70 to 178.70): E  
5000000 Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

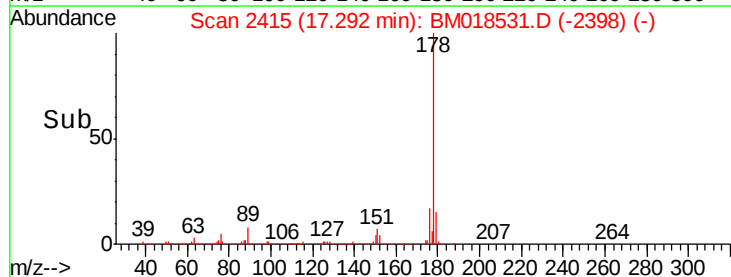
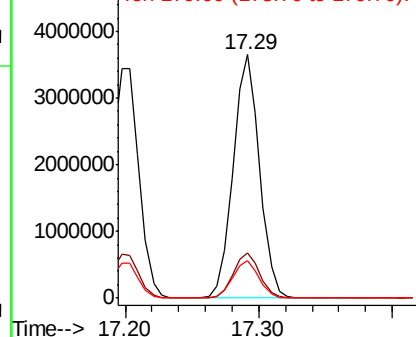


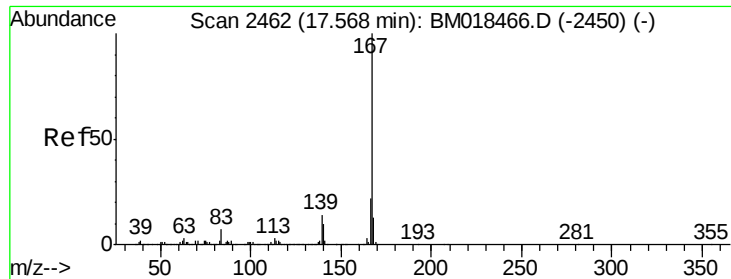
#72  
Anthracene  
Concen: 35.216 ng  
RT: 17.29 min Scan# 2415  
Delta R.T. -0.00 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

Tgt Ion:178 Resp: 5013798  
Ion Ratio Lower Upper  
178 100  
176 18.3 14.7 22.1  
179 15.4 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E  
5000000 Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E





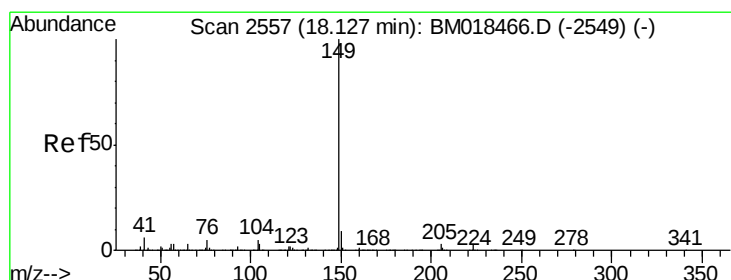
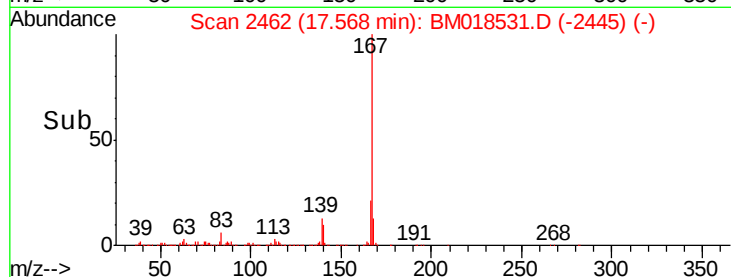
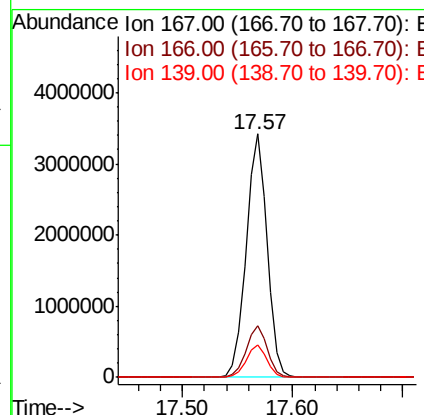
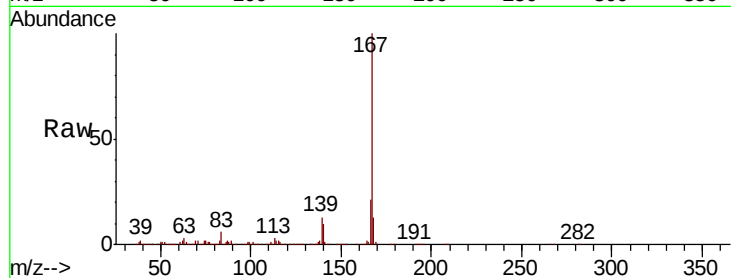
#73  
 Carbazole  
 Concen: 31.006 ng  
 RT: 17.57 min Scan# 2462  
 Delta R.T. -0.00 min  
 Lab File: BM018531.D  
 Acq: 11 Jan 2019 07:34

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB116287BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.3  | 17.4  | 26.2  |
| 139     | 13.2  | 10.6  | 16.0  |

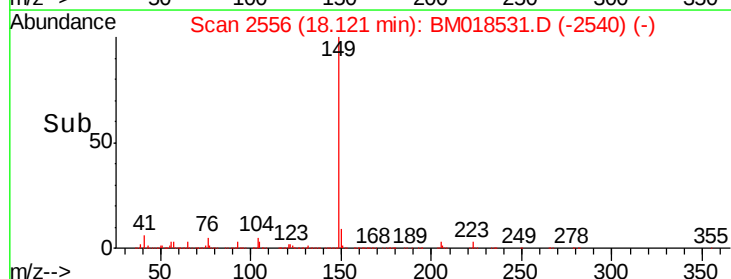
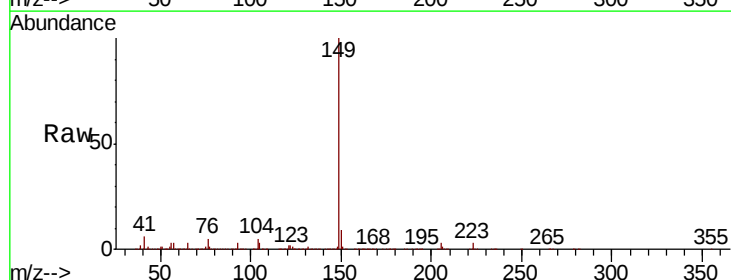
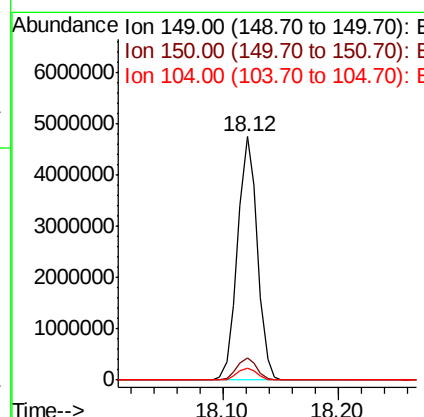
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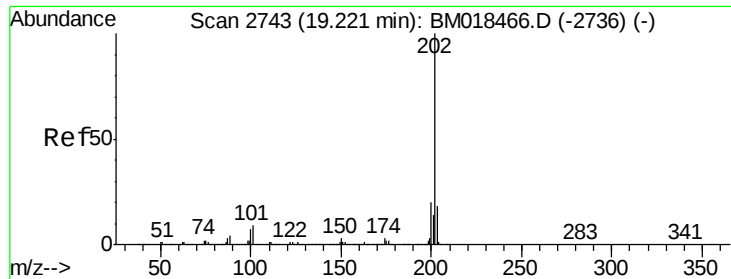
Sohil  
 1/11/2019 4:41:16 PM



#74  
 Di-n-butylphthalate  
 Concen: 35.109 ng  
 RT: 18.12 min Scan# 2556  
 Delta R.T. -0.01 min  
 Lab File: BM018531.D  
 Acq: 11 Jan 2019 07:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.2   | 7.3   | 10.9  |
| 104     | 5.1   | 4.2   | 6.4   |





#75

Fluoranthene

Concen: 33.422 ng

RT: 19.22 min Scan# 2743

Delta R.T. -0.00 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

Instrument :

BNA\_M

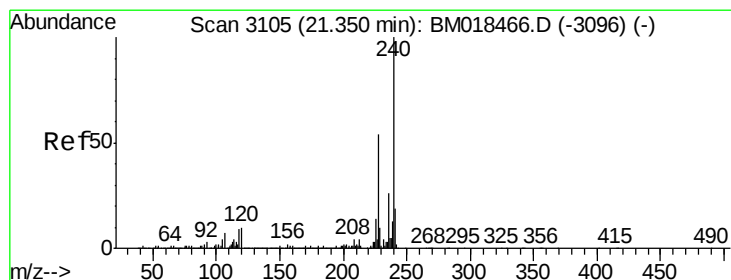
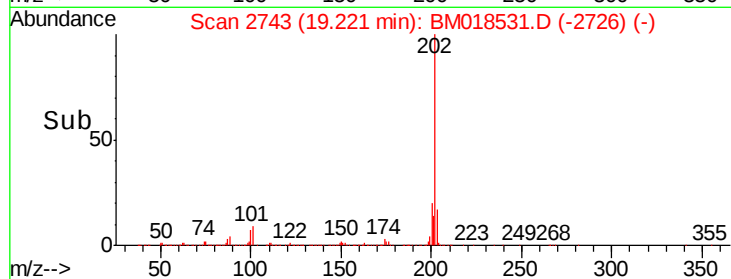
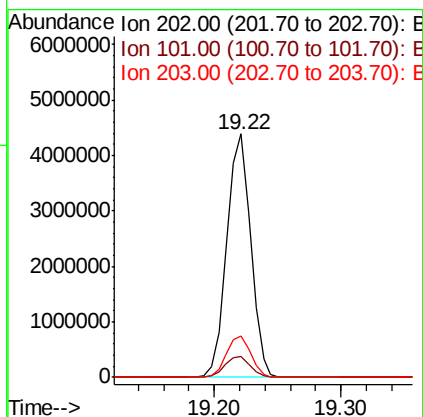
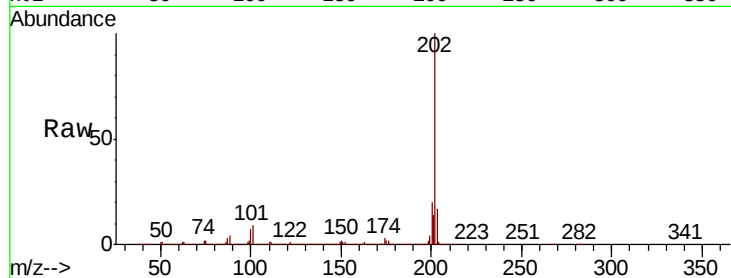
ClientSampleId :

PB116287BSD

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 5705076 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 101      | 8.6   | 0.0   | 30.9    |
| 203      | 17.1  | 0.0   | 37.4    |

Manual Integrations  
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#76

Chrysene-d12

Concen: 20.000 ng

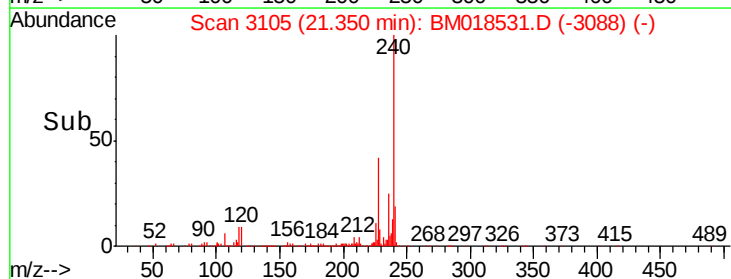
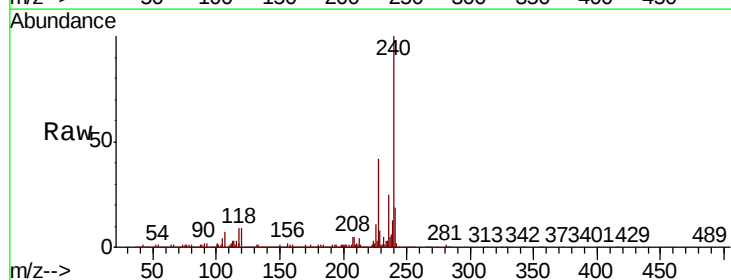
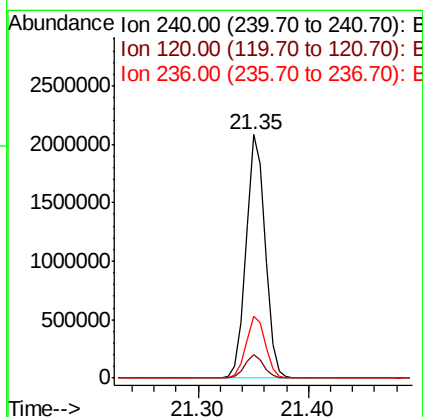
RT: 21.35 min Scan# 3105

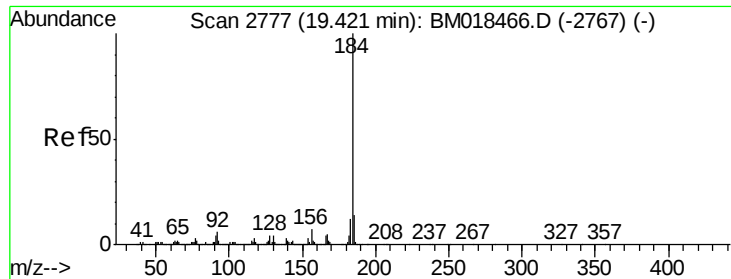
Delta R.T. -0.00 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 240   | Resp: | 2530865 |
| Ion      | Ratio | Lower | Upper   |
| 240      | 100   |       |         |
| 120      | 9.4   | 8.4   | 12.6    |
| 236      | 25.4  | 20.7  | 31.1    |





#77

Benzidine

Concen: 24.461 ng

RT: 19.42 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

Instrument :

BNA\_M

ClientSampleId :

PB116287BSD

Tot Ion:184 Resp: 1528613

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.2  | 11.4  | 17.0  |
| 183 | 11.5  | 9.5   | 14.3  |

184 100

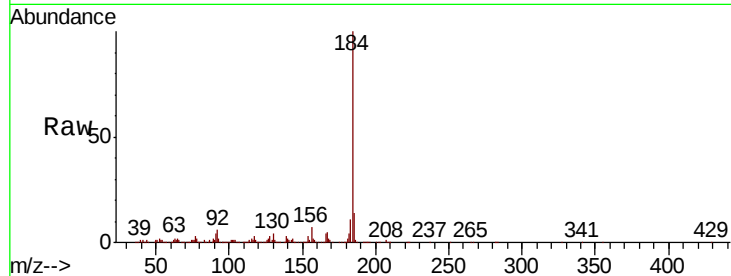
185 14.2 11.4 17.0

183 11.5 9.5 14.3

Manual Integrations  
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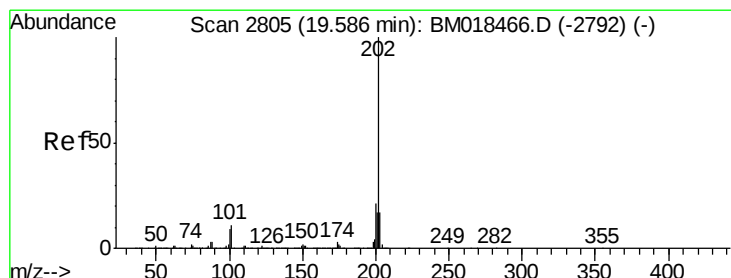
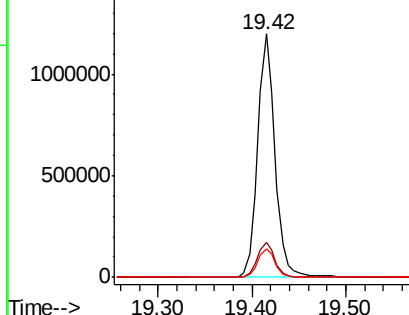
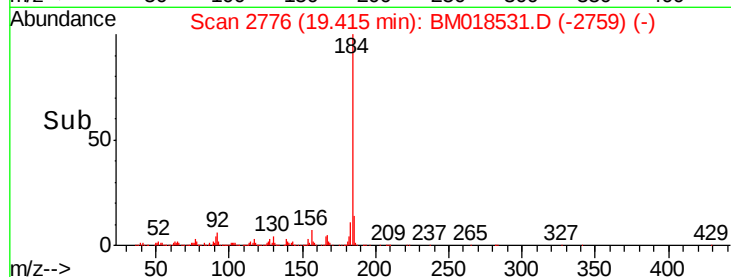


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.227 ng

RT: 19.59 min Scan# 2805

Delta R.T. -0.00 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

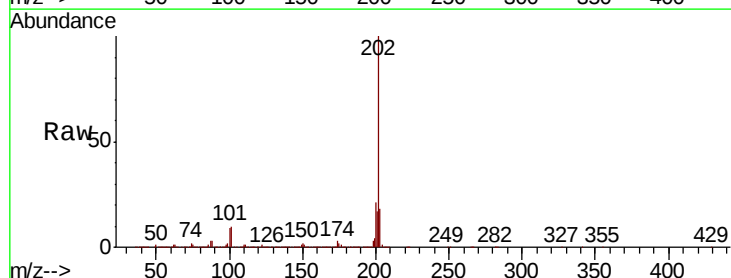
Tgt Ion:202 Resp: 5734647

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 21.0  | 16.6  | 24.8  |
| 203 | 17.7  | 13.8  | 20.8  |

202 100

200 21.0 16.6 24.8

203 17.7 13.8 20.8

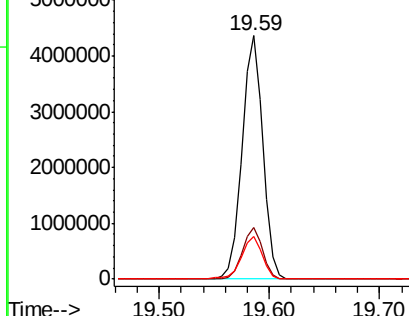
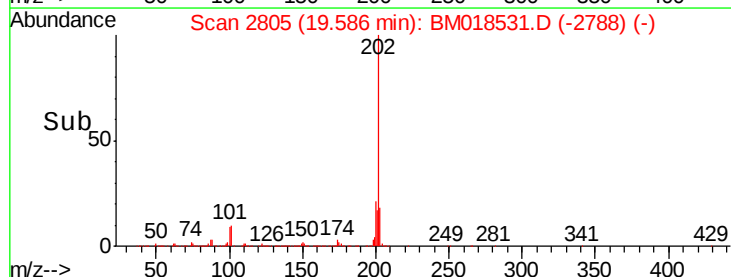


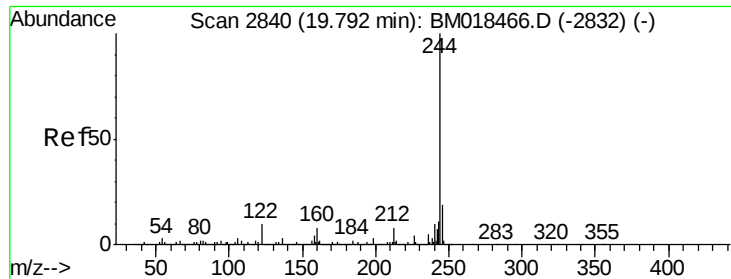
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





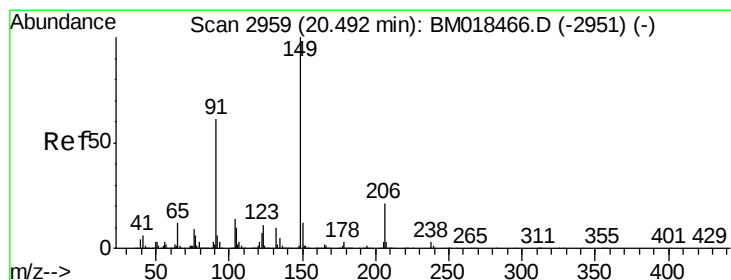
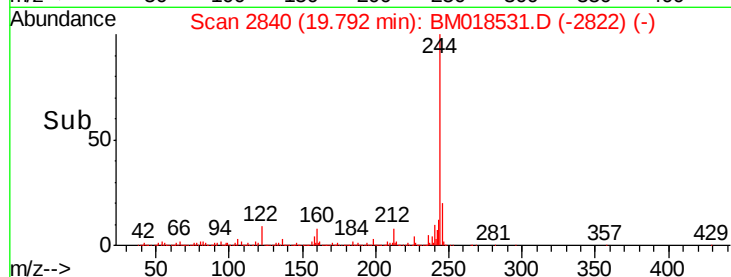
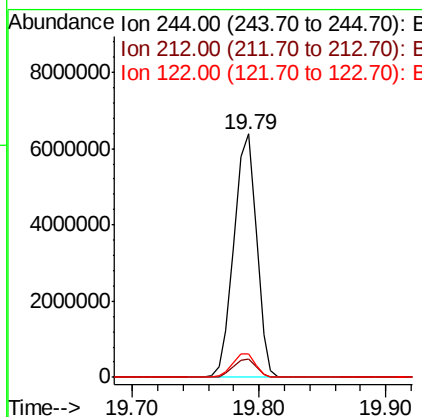
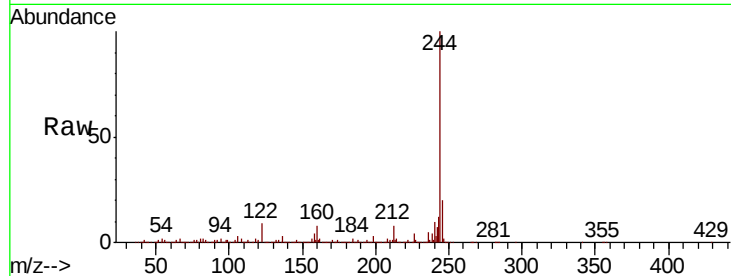
#79  
 Terphenyl-d14  
 Concen: 65.447 ng  
 RT: 19.79 min Scan# 2840  
 Delta R.T. 0.01 min  
 Lab File: BM018531.D  
 Acq: 11 Jan 2019 07:34

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB116287BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.7   | 5.9   | 8.9   |
| 122     | 9.4   | 9.0   | 13.4  |

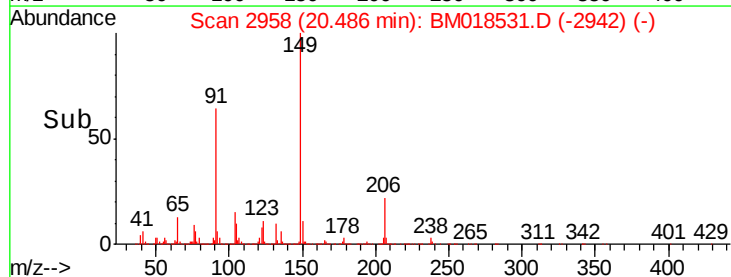
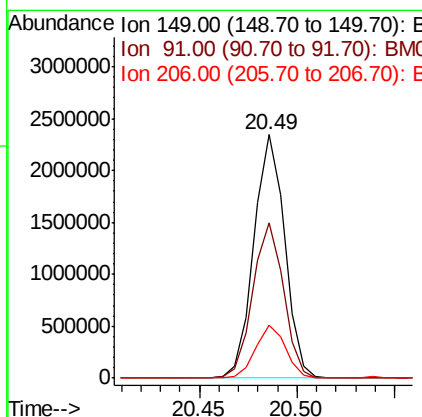
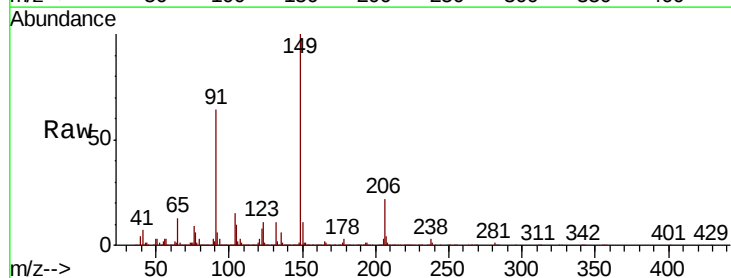
Manual Integrations  
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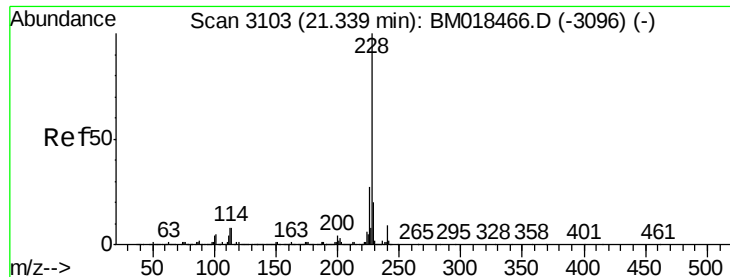
Sohil  
 1/11/2019 4:41:16 PM



#80  
 Butylbenzylphthalate  
 Concen: 40.157 ng  
 RT: 20.49 min Scan# 2958  
 Delta R.T. -0.01 min  
 Lab File: BM018531.D  
 Acq: 11 Jan 2019 07:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 63.6  | 53.1  | 79.7  |
| 206     | 21.7  | 16.2  | 24.4  |





#81

Benzo(a)anthracene

Concen: 34.382 ng

RT: 21.34 min Scan# 3103

Delta R.T. 0.01 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

Instrument :

BNA\_M

ClientSampleId :

PB116287BSD

Tot Ion:228 Resp: 5126273

Ion Ratio Lower Upper

228 100

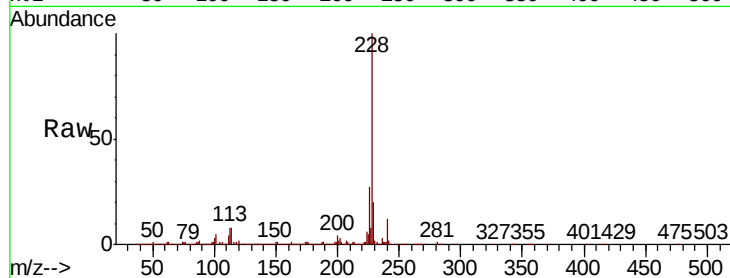
226 27.0 21.8 32.6

229 19.5 15.8 23.8

Manual Integrations  
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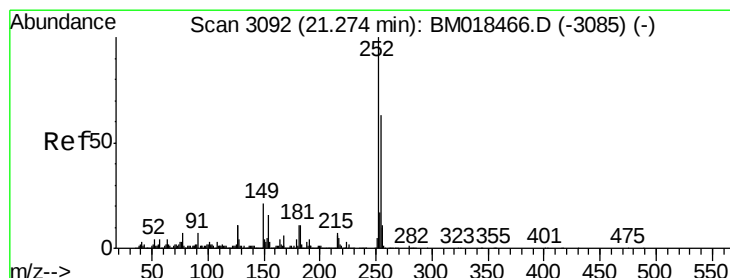
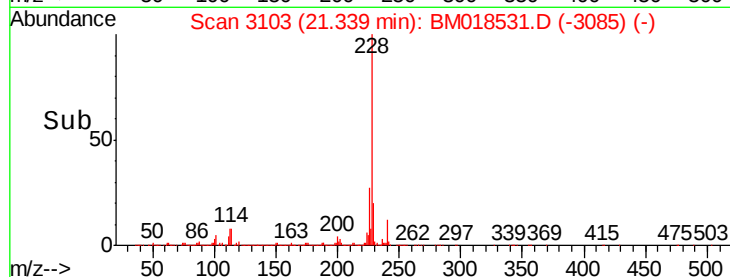
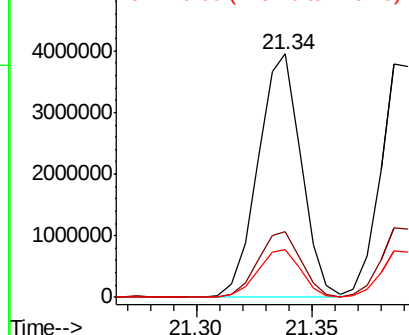


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 20.538 ng

RT: 21.27 min Scan# 3092

Delta R.T. -0.00 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

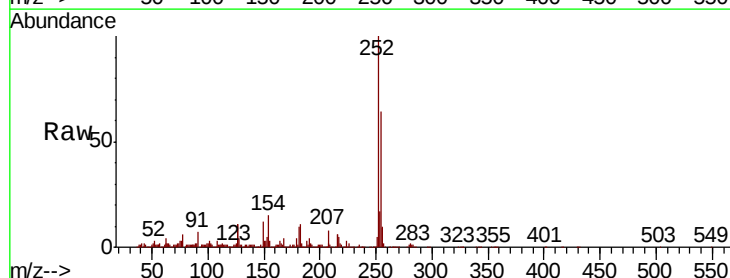
Tgt Ion:252 Resp: 1157922

Ion Ratio Lower Upper

252 100

254 64.4 51.4 77.0

126 11.4 8.7 13.1

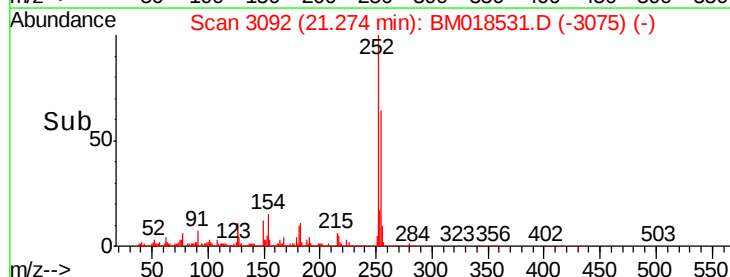
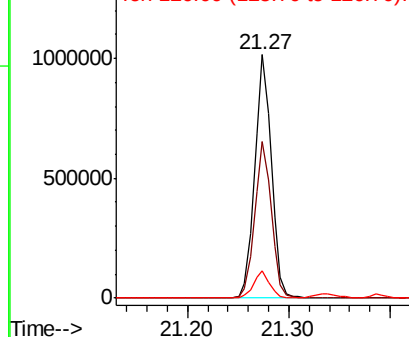


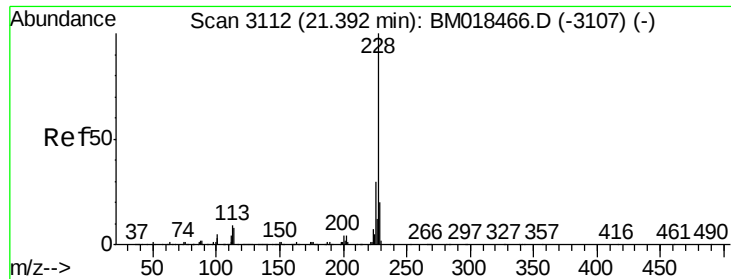
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





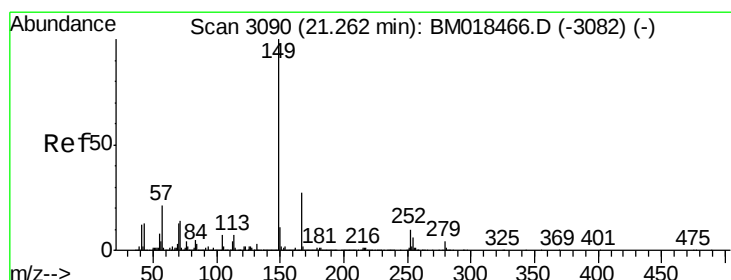
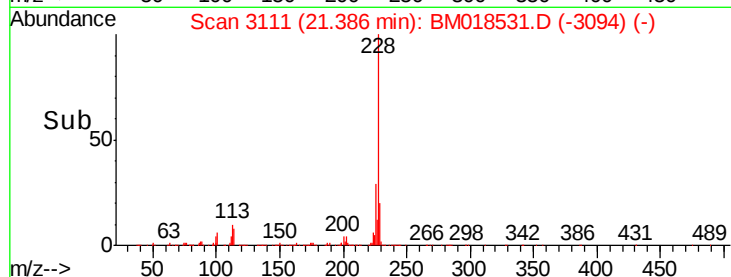
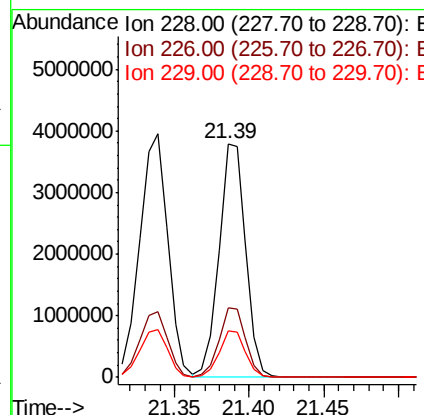
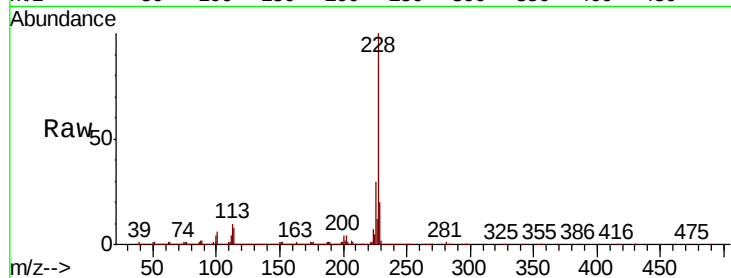
#83  
 Chrvsene  
 Concen: 32.838 ng  
 RT: 21.39 min Scan# 3111  
 Delta R.T. -0.00 min  
 Lab File: BM018531.D  
 Acq: 11 Jan 2019 07:34

Instrument :  
 BNA\_M  
 ClientSampled :  
 PB116287BSD

Tot Ion:228 Resp: 4727879  
 Ion Ratio Lower Upper  
 228 100  
 226 29.6 24.2 36.2  
 229 19.8 15.6 23.4

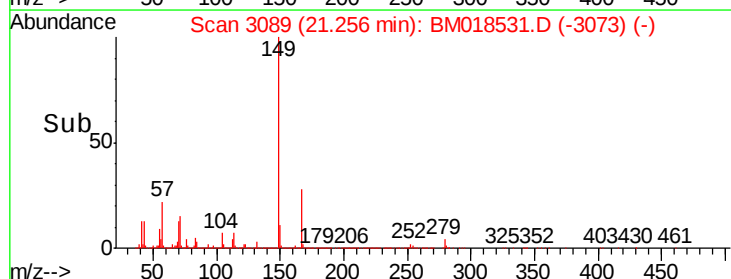
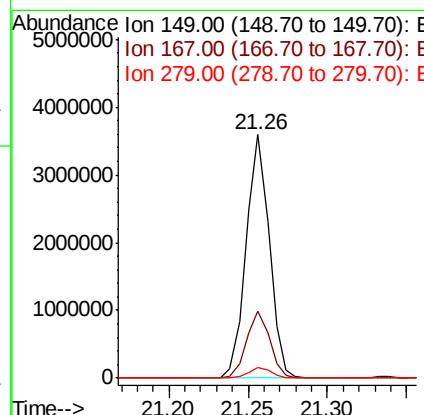
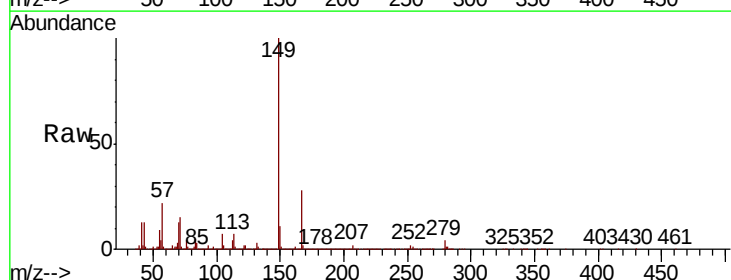
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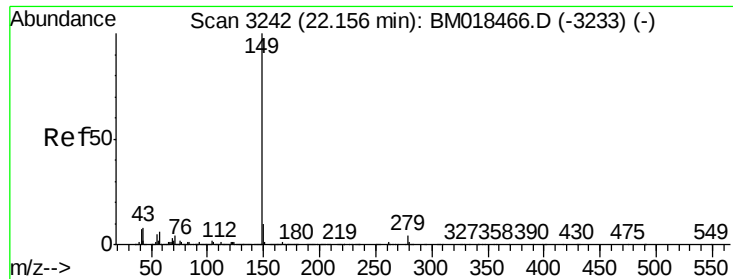
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#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 39.256 ng  
 RT: 21.26 min Scan# 3089  
 Delta R.T. -0.01 min  
 Lab File: BM018531.D  
 Acq: 11 Jan 2019 07:34

Tgt Ion:149 Resp: 3628685  
 Ion Ratio Lower Upper  
 149 100  
 167 27.6 21.6 32.4  
 279 4.3 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 38.739 ng

RT: 22.15 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

Instrument :

BNA\_M

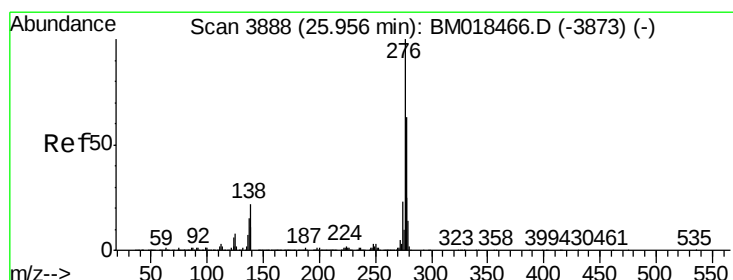
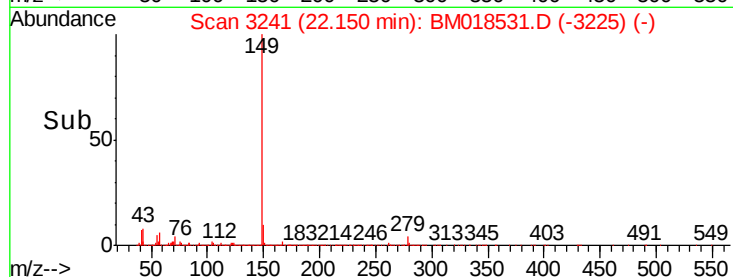
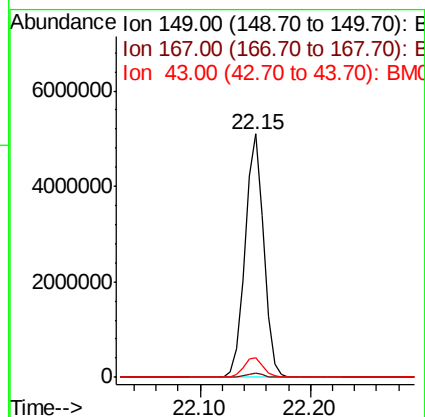
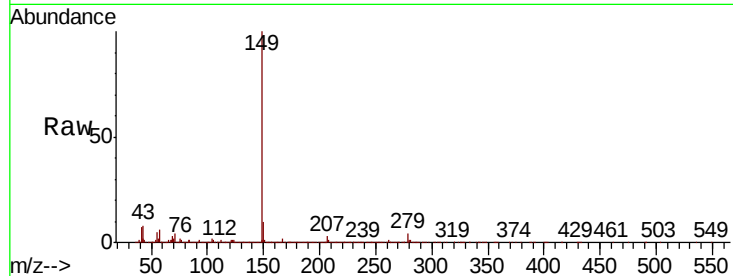
ClientSampleId :

PB116287BSD

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 149   | Resp: | 6022761 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 167      | 1.6   | 1.3   | 1.9     |
| 43       | 8.3   | 8.6   | 12.8#   |

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#86

Indeno(1,2,3-cd)pyrene

Concen: 28.578 ng

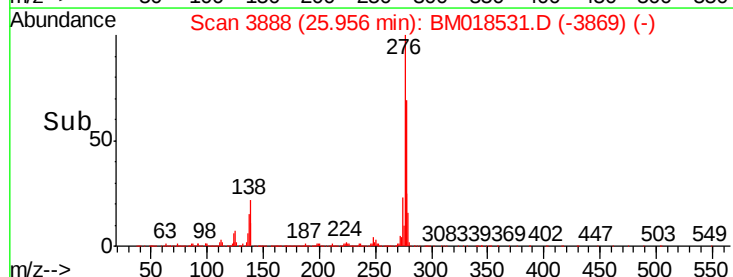
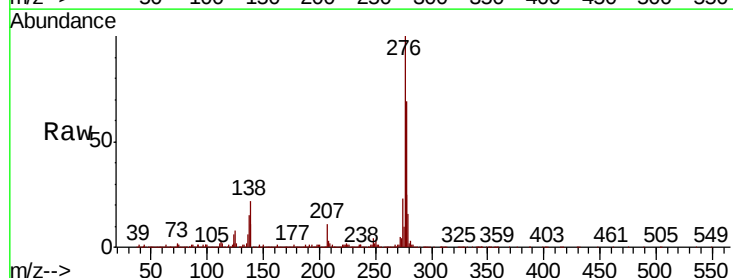
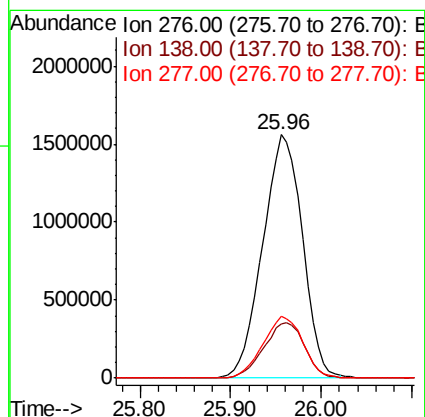
RT: 25.96 min Scan# 3888

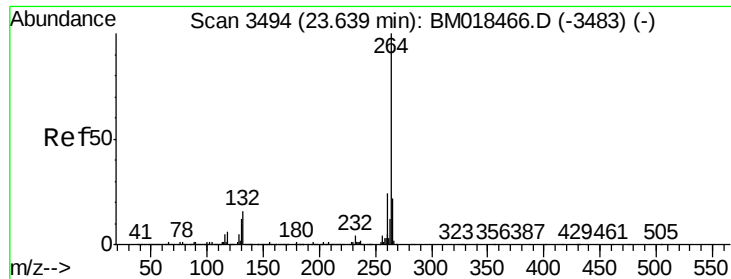
Delta R.T. 0.01 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 276   | Resp: | 4744569 |
| Ion      | Ratio | Lower | Upper   |
| 276      | 100   |       |         |
| 138      | 23.5  | 21.5  | 32.3    |
| 277      | 25.3  | 20.2  | 30.2    |





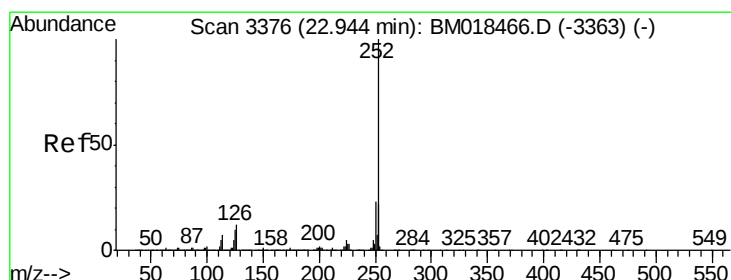
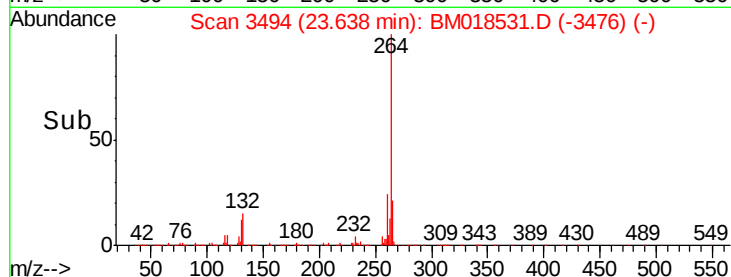
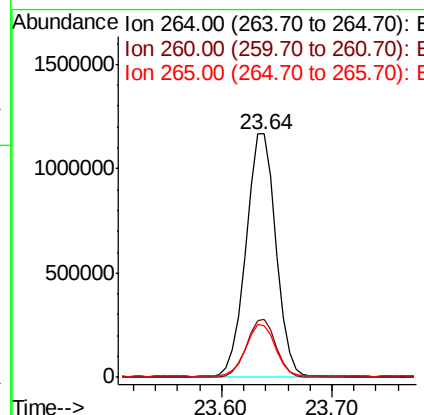
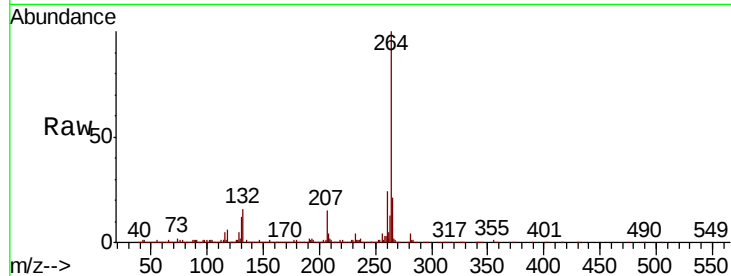
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.64 min Scan# 3494  
Delta R.T. 0.01 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

Instrument :  
BNA\_M  
ClientSampleId :  
PB116287BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.6  | 18.9  | 28.3  |
| 265     | 21.2  | 16.8  | 25.2  |

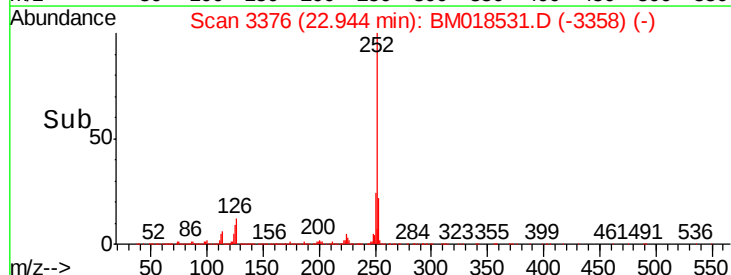
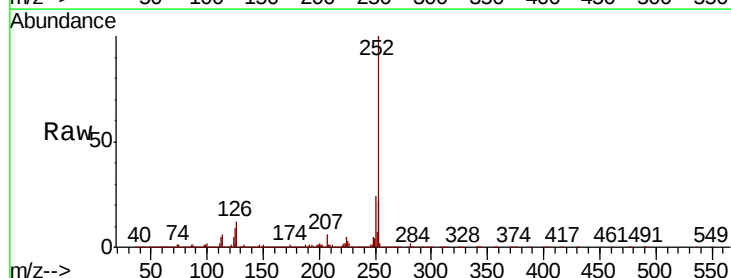
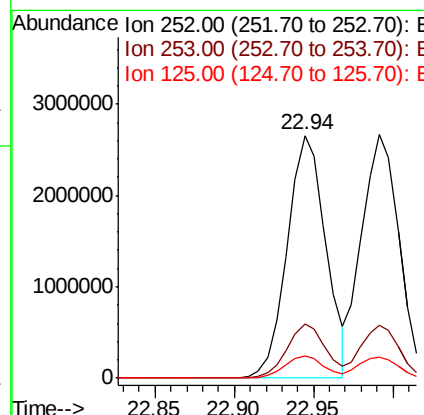
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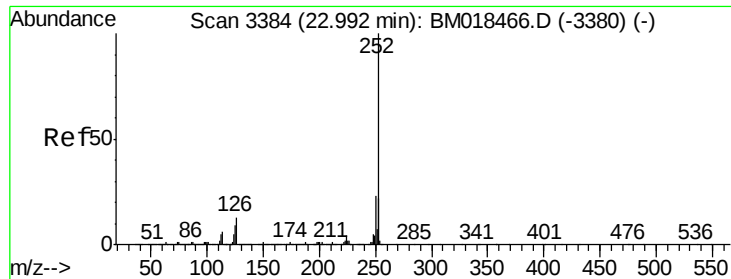
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#88  
Benzo(b)fluoranthene  
Concen: 35.319 ng  
RT: 22.94 min Scan# 3376  
Delta R.T. 0.01 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 17.6  | 26.4  |
| 125     | 9.3   | 8.5   | 12.7  |





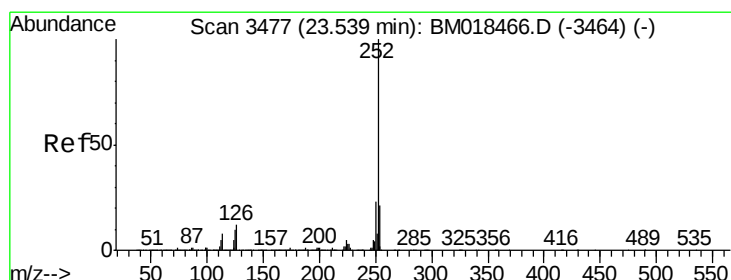
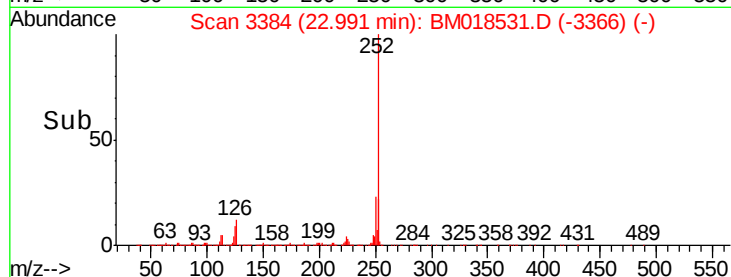
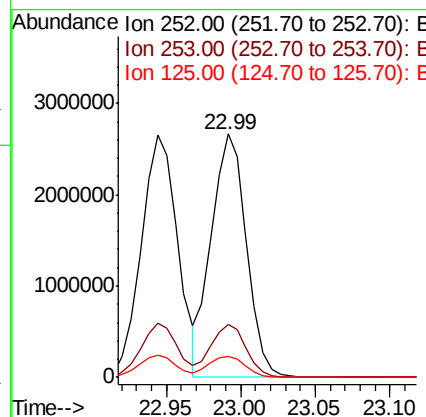
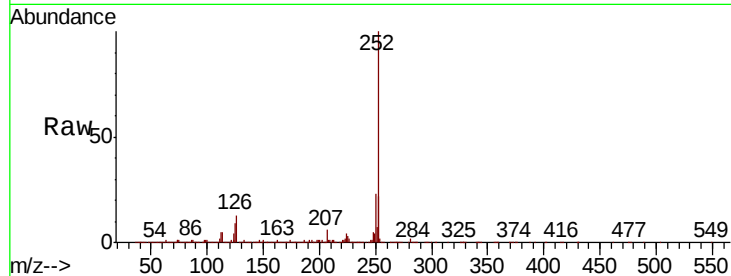
#89  
Benzo(k)fluoranthene  
Concen: 34.034 ng  
RT: 22.99 min Scan# 3384  
Delta R.T. 0.01 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

Instrument :  
BNA\_M  
ClientSampleId :  
PB116287BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.4  | 26.0  |
| 125     | 8.6   | 8.6   | 12.8  |

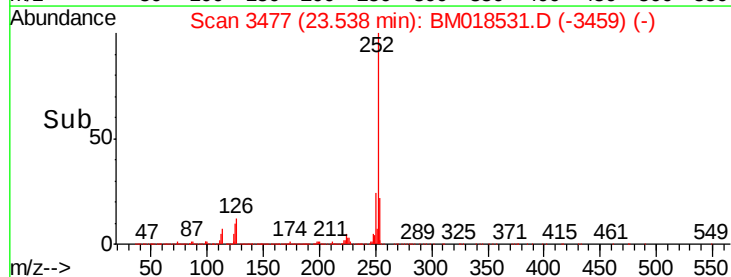
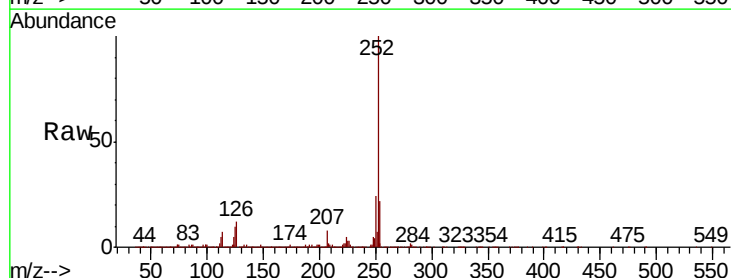
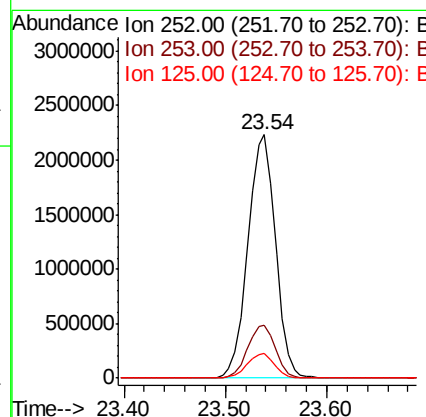
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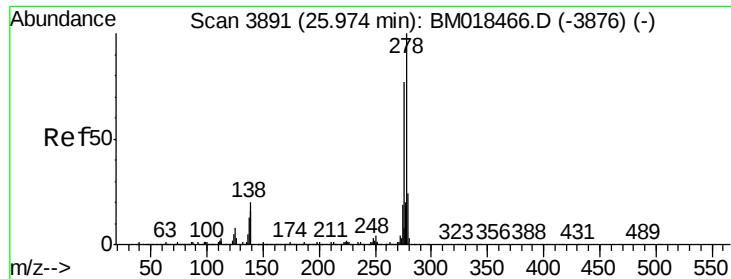
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#90  
Benzo(a)pyrene  
Concen: 34.547 ng  
RT: 23.54 min Scan# 3477  
Delta R.T. 0.01 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 17.5  | 26.3  |
| 125     | 9.9   | 9.7   | 14.5  |





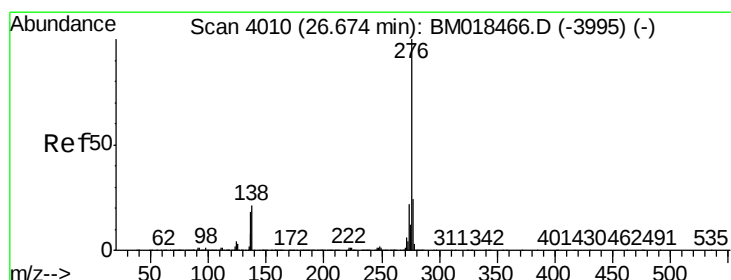
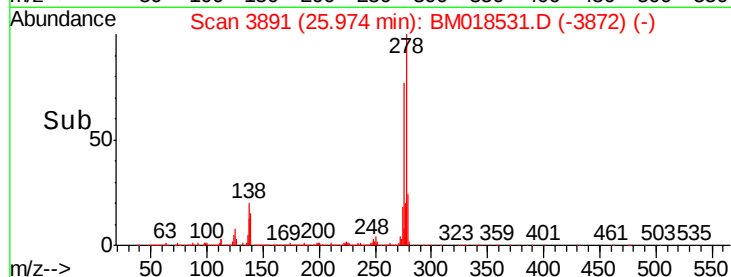
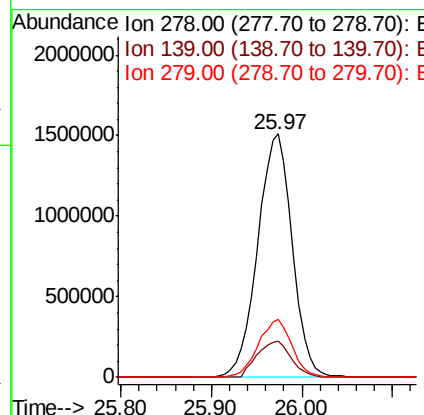
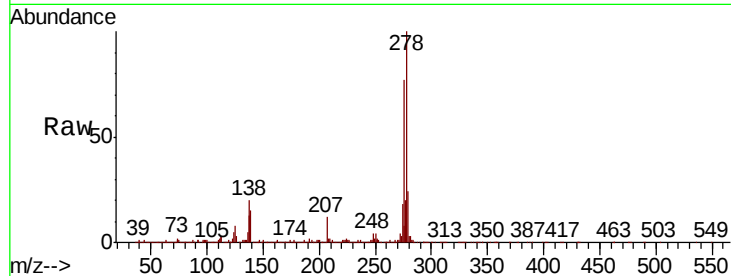
#91  
Dibenzo(a,h)anthracene  
Concen: 32.531 ng  
RT: 25.97 min Scan# 3891  
Delta R.T. 0.01 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

Instrument :  
BNA\_M  
ClientSampleId :  
PB116287BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 14.9  | 13.2  | 19.8  |
| 279     | 23.7  | 19.0  | 28.4  |

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#92  
Benzo(g,h,i)perylene  
Concen: 32.626 ng  
RT: 26.67 min Scan# 4010  
Delta R.T. 0.02 min  
Lab File: BM018531.D  
Acq: 11 Jan 2019 07:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.1  | 19.0  | 28.4  |
| 138     | 20.1  | 18.1  | 27.1  |

