

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032019\  
 Data File : BM019266.D  
 Acq On : 20 Mar 2019 17:44  
 Operator : JU/SJ  
 Sample : K1984-06MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-13(13.5-14.5)MS

Manual Integrations  
 APPROVED

Sohil  
 3/22/2019 6:04:46 PM

Quant Time: Mar 21 17:33:50 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 21 17:06:23 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.63  | 152  | 200269   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.42 | 136  | 874730   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.29 | 164  | 530475   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.04 | 188  | 1187669  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.25 | 240  | 1037114  | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.48 | 264  | 909122   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.24  | 112 | 1975378 | 159.74 | ng | 0.00 |
| 7) Phenol-d6             | 6.82  | 99  | 2924920 | 161.70 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.80  | 82  | 1776013 | 95.98  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.80 | 330 | 1304707 | 166.58 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 12.90 | 172 | 3672455 | 90.05  | ng | 0.00 |
| 79) Terphenyl-d14        | 19.69 | 244 | 5472702 | 104.76 | ng | 0.00 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.20  | 88  | 186172  | 33.842 | ng | 98     |
| 3) Pyridine                    | 3.59  | 79  | 551987  | 36.881 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.52  | 42  | 184484  | 39.649 | ng | 99     |
| 6) Aniline                     | 6.99  | 93  | 740661  | 31.716 | ng | 100    |
| 8) 2-Chlorophenol              | 7.20  | 128 | 710678  | 47.823 | ng | 99     |
| 9) Benzaldehyde                | 6.80  | 77  | 225983  | 19.862 | ng | 96     |
| 10) Phenol                     | 6.85  | 94  | 1024148 | 52.537 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.08  | 93  | 639269  | 42.976 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.52  | 146 | 637750  | 40.553 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.67  | 146 | 658835  | 41.092 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.98  | 146 | 648060  | 41.545 | ng | 100    |
| 15) Benzyl Alcohol             | 7.89  | 79  | 677913  | 45.283 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.16  | 45  | 633190  | 41.689 | ng | 98     |
| 17) 2-Methylphenol             | 8.09  | 107 | 630061  | 49.599 | ng | 97     |
| 18) Hexachloroethane           | 8.69  | 117 | 237622  | 39.885 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.45  | 70  | 638959  | 43.057 | ng | 100    |
| 20) 3+4-Methylphenols          | 8.42  | 107 | 859969  | 49.873 | ng | 98     |
| 22) Acetophenone               | 8.47  | 105 | 1056883 | 43.720 | ng | # 99   |
| 24) Nitrobenzene               | 8.85  | 77  | 881689  | 45.813 | ng | 100    |
| 25) Isophorone                 | 9.36  | 82  | 1620678 | 45.898 | ng | 99     |
| 26) 2-Nitrophenol              | 9.55  | 139 | 382121  | 47.901 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 9.60  | 122 | 686157  | 57.857 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 9.85  | 93  | 968340  | 46.315 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.07 | 162 | 705788  | 53.734 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.28 | 180 | 679007  | 45.846 | ng | 99     |
| 31) Naphthalene                | 10.47 | 128 | 2087304 | 45.273 | ng | 99     |
| 32) Benzoic acid               | 9.76  | 122 | 200064m | 19.919 | ng |        |
| 33) 4-Chloroaniline            | 10.60 | 127 | 265319  | 14.038 | ng | 99     |
| 34) Hexachlorobutadiene        | 10.73 | 225 | 359521  | 42.300 | ng | 98     |
| 35) Caprolactam                | 11.43 | 113 | 231142m | 49.401 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 11.73 | 107 | 813694  | 50.207 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.09 | 142 | 1576255 | 47.048 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.31 | 142 | 1500087 | 45.426 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.46 | 216 | 755140  | 45.002 | ng | 99     |

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Sohil  
 3/22/2019 6:04:46 PM

Quant Time: Mar 21 17:33:50 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 21 17:06:23 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.42 | 237  | 709579   | 93.356 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 12.72 | 196  | 574705   | 52.997 | nq    | 98       |
| 44) 2,4,5-Trichlorophenol      | 12.79 | 196  | 618938   | 53.375 | nq    | 99       |
| 46) 1,1'-Biphenyl              | 13.12 | 154  | 2045872  | 44.161 | nq    | 100      |
| 47) 2-Chloronaphthalene        | 13.16 | 162  | 1591559  | 46.025 | nq    | 99       |
| 48) 2-Nitroaniline             | 13.39 | 65   | 562785   | 48.528 | nq    | 99       |
| 49) Acenaphthylene             | 14.02 | 152  | 2635193  | 45.069 | nq    | 100      |
| 50) Dimethylphthalate          | 13.77 | 163  | 2442146  | 53.816 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 13.89 | 165  | 472220   | 48.138 | nq    | 97       |
| 52) Acenaphthene               | 14.36 | 154  | 1533923  | 45.656 | nq    | 99       |
| 53) 3-Nitroaniline             | 14.23 | 138  | 299975   | 28.872 | nq    | 99       |
| 54) 2,4-Dinitrophenol          | 14.44 | 184  | 466906   | 81.957 | nq    | 99       |
| 55) Dibenzofuran               | 14.70 | 168  | 2472909  | 45.641 | nq    | 98       |
| 56) 4-Nitrophenol              | 14.55 | 139  | 820813   | 96.761 | nq    | 96       |
| 57) 2,4-Dinitrotoluene         | 14.69 | 165  | 671028   | 47.124 | nq    | 96       |
| 58) Fluorene                   | 15.34 | 166  | 2049599  | 45.893 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.93 | 232  | 556095   | 51.512 | nq    | 99       |
| 60) Diethylphthalate           | 15.13 | 149  | 2153519  | 46.856 | nq    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.34 | 204  | 1001547  | 46.173 | nq    | 100      |
| 62) 4-Nitroaniline             | 15.40 | 138  | 461291   | 44.056 | nq    | 100      |
| 63) Azobenzene                 | 15.64 | 77   | 2212966  | 45.758 | nq    | 100      |
| 65) 4,6-Dinitro-2-methylphenol | 15.45 | 198  | 346490   | 44.520 | nq    | 96       |
| 66) n-Nitrosodiphenylamine     | 15.57 | 169  | 1784097  | 47.184 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.24 | 248  | 610283   | 46.597 | nq    | 99       |
| 68) Hexachlorobenzene          | 16.34 | 284  | 721166   | 46.315 | nq    | 99       |
| 69) Atrazine                   | 16.53 | 200  | 624809   | 49.089 | nq    | 99       |
| 70) Pentachlorophenol          | 16.70 | 266  | 910365   | 97.041 | nq    | 99       |
| 71) Phenanthrene               | 17.09 | 178  | 3176711  | 45.634 | nq    | 100      |
| 72) Anthracene                 | 17.18 | 178  | 3187335  | 46.770 | nq    | 99       |
| 73) Carbazole                  | 17.46 | 167  | 2945203  | 45.789 | nq    | 100      |
| 74) Di-n-butylphthalate        | 18.02 | 149  | 3806369  | 48.938 | nq    | 99       |
| 75) Fluoranthene               | 19.12 | 202  | 3471142  | 43.455 | nq    | 99       |
| 77) Benzidine                  | 19.32 | 184  | 1709371  | 58.116 | nq    | 100      |
| 78) Pyrene                     | 19.48 | 202  | 3460019  | 52.729 | nq    | 100      |
| 80) Butylbenzylphthalate       | 20.39 | 149  | 1641319  | 57.427 | nq    | 99       |
| 81) Benzo(a)anthracene         | 21.23 | 228  | 2838909  | 43.632 | nq    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.18 | 252  | 833095   | 33.237 | nq    | 98       |
| 83) Chrysene                   | 21.29 | 228  | 2734823  | 43.447 | nq    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.16 | 149  | 2397323  | 57.655 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 22.03 | 149  | 3584709  | 51.198 | nq    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 25.74 | 276  | 2949769  | 43.533 | nq    | 100      |
| 88) Benzo(b)fluoranthene       | 22.81 | 252  | 2659954  | 45.154 | nq    | 100      |
| 89) Benzo(k)fluoranthene       | 22.86 | 252  | 2478706  | 45.747 | nq    | 99       |
| 90) Benzo(a)pyrene             | 23.39 | 252  | 2443591  | 46.158 | nq    | 100      |
| 91) Dibenzo(a,h)anthracene     | 25.74 | 278  | 2523768  | 49.836 | nq    | 100      |
| 92) Benzo(g,h,i)perylene       | 26.42 | 276  | 2379516  | 51.179 | nq    | 100      |

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

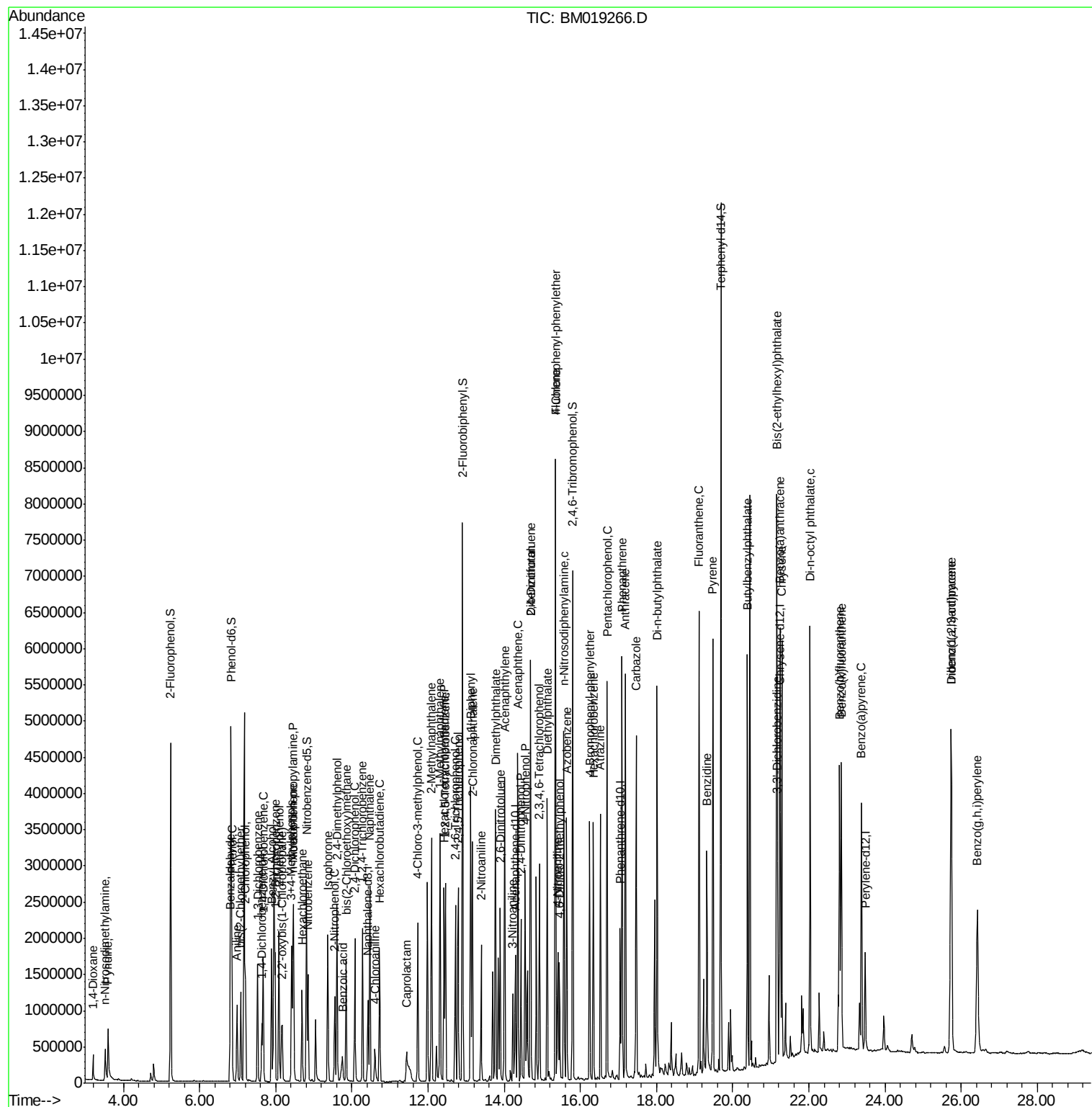
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032019\  
Data File : BM019266.D  
Acq On : 20 Mar 2019 17:44  
Operator : JU/SJ  
Sample : K1984-06MS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

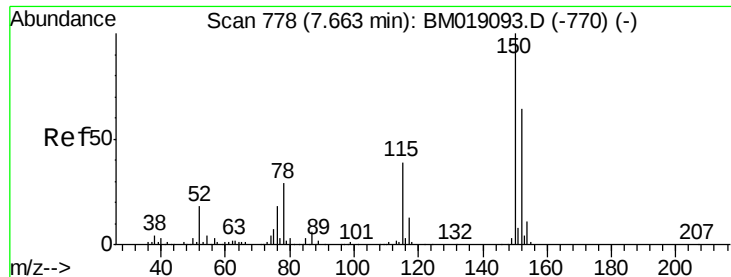
Instrument :  
BNA\_M  
ClientSampleId :  
SB-13(13.5-14.5)MS

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Sohil  
3/22/2019 6:04:46 PM

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#1

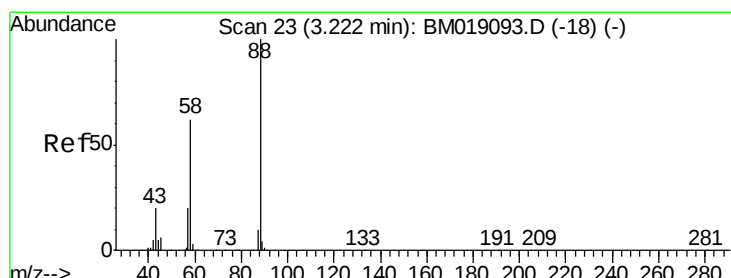
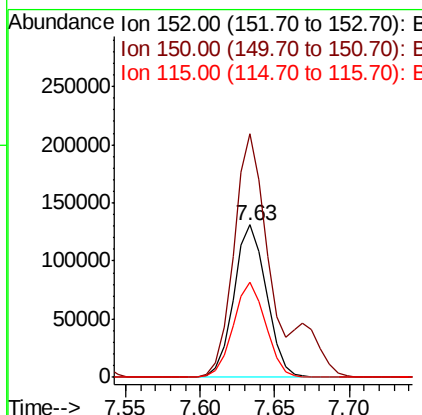
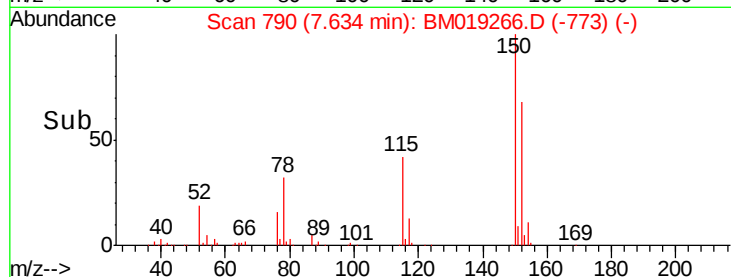
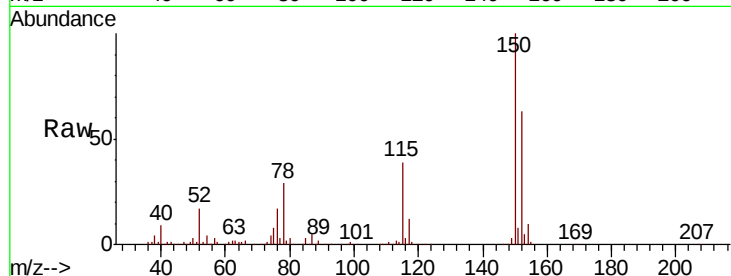
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.63 min Scan# 790  
Delta R.T. -0.00 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

Instrument :  
BNA\_M  
ClientSampleId :  
SB-13(13.5-14.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.5 | 123.8 | 185.6 |
| 115     | 62.1  | 48.9  | 73.3  |

Manual Integrations  
APPROVED

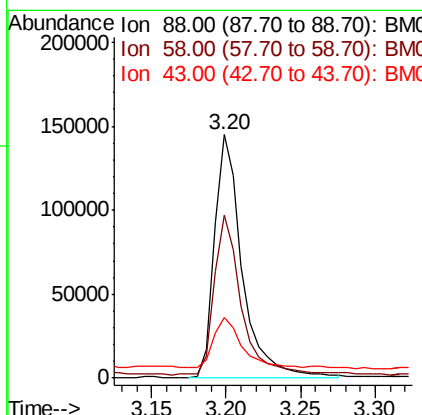
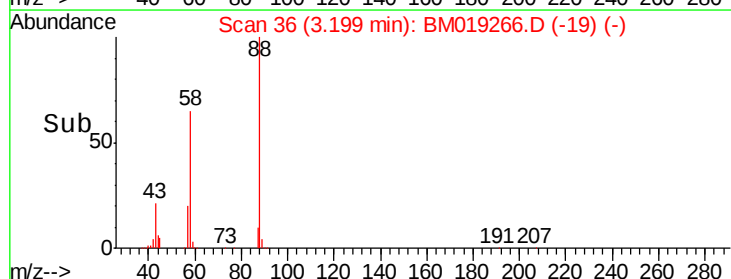
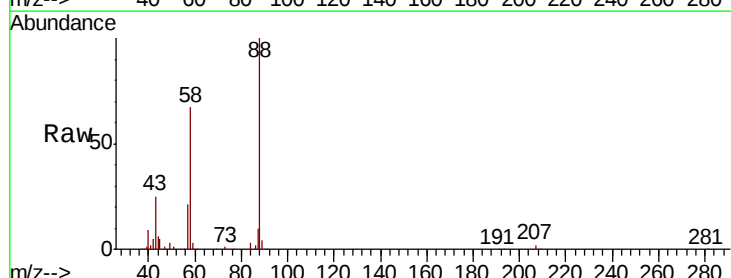
Sohil  
3/22/2019 6:04:46 PM



#2

1,4-Dioxane  
Concen: 33.842 ng  
RT: 3.20 min Scan# 36  
Delta R.T. -0.00 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 63.9  | 49.5  | 74.3  |
| 43      | 21.6  | 17.2  | 25.8  |





#3

Pvridine

Concen: 36.881 ng

RT: 3.59 min Scan# 103

Delta R.T. -0.01 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

Instrument :

BNA\_M

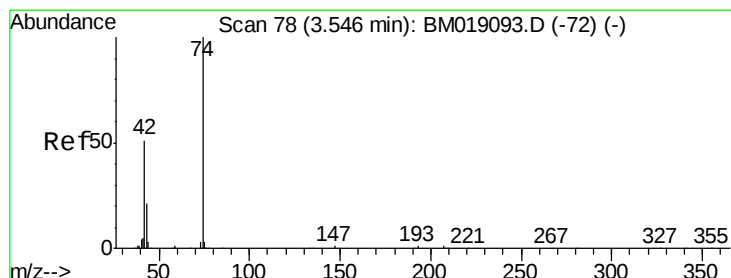
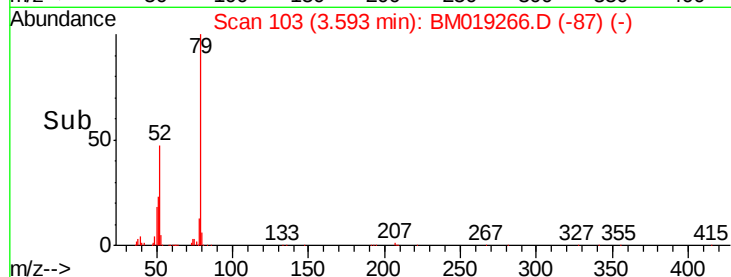
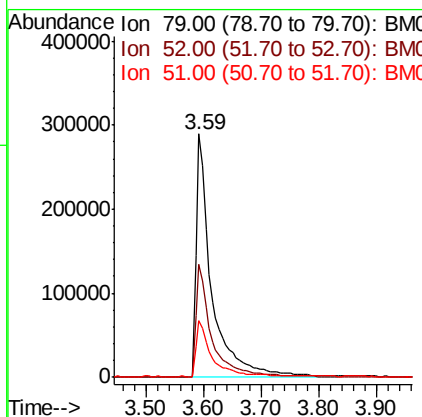
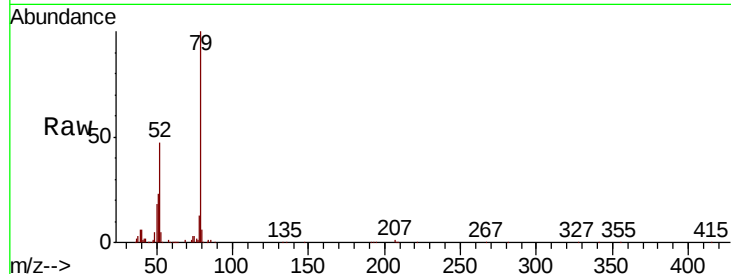
ClientSampleId :

SB-13(13.5-14.5)MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 551987 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 46.7  | 38.1  | 57.1   |
| 51       | 23.1  | 19.0  | 28.6   |

Manual Integrations  
APPROVED

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3/22/2019 6:04:46 PM



#4

n-Nitrosodimethylamine

Concen: 39.649 ng

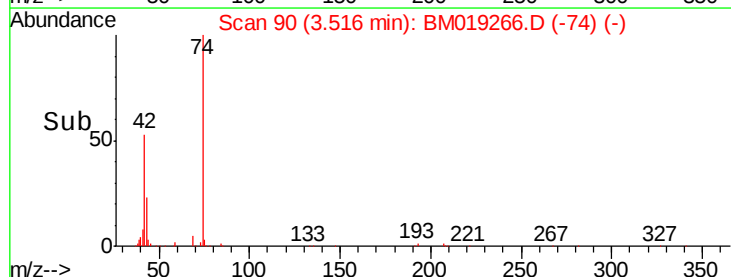
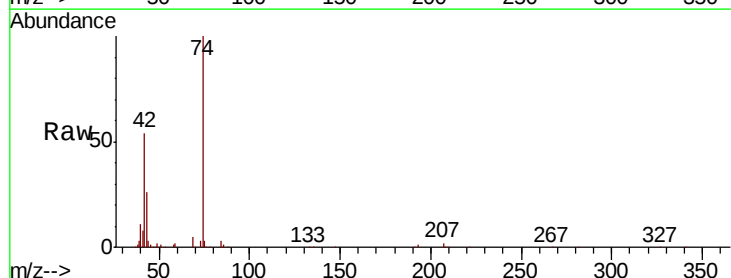
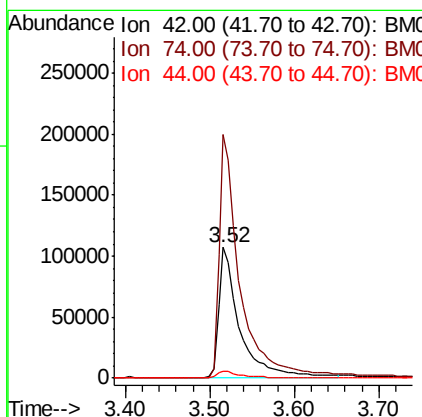
RT: 3.52 min Scan# 90

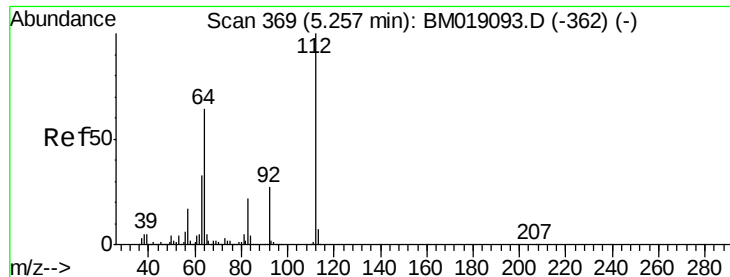
Delta R.T. -0.01 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 184484 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 186.8 | 148.6 | 222.8  |
| 44       | 5.5   | 4.6   | 7.0    |





#5

2-Fluorophenol

Concen: 159.739 ng

RT: 5.24 min Scan# 383

Delta R.T. 0.01 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

Instrument :

BNA\_M

ClientSampleId :

SB-13(13.5-14.5)MS

Tot Ion:112 Resp: 1975378

Ion Ratio Lower Upper

112 100

64 61.2 50.6 75.8

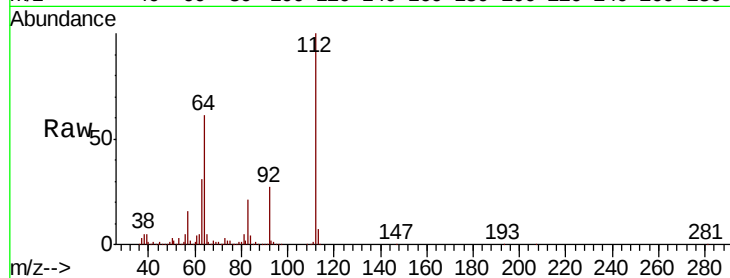
63 31.2 25.8 38.6

Manual Integrations

APPROVED

Sohil

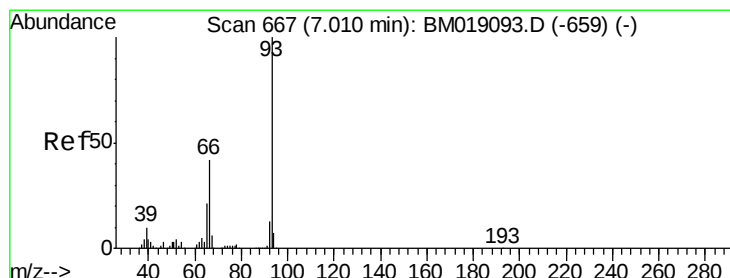
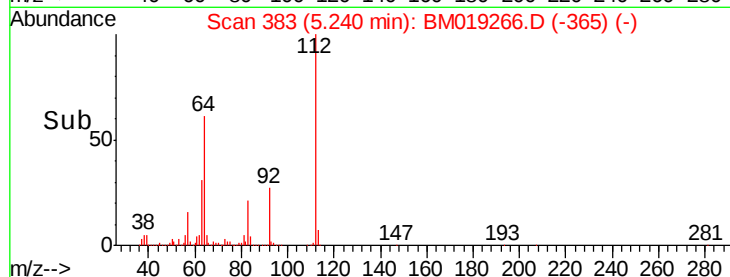
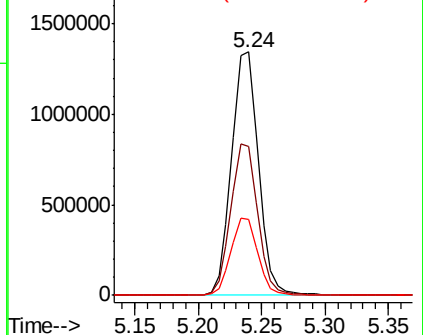
3/22/2019 6:04:46 PM



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: 31.716 ng

RT: 6.99 min Scan# 680

Delta R.T. 0.01 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

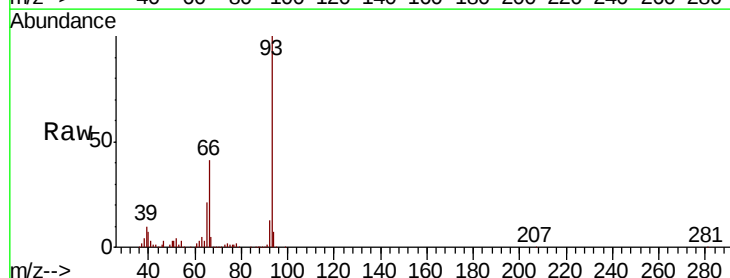
Tgt Ion: 93 Resp: 740661

Ion Ratio Lower Upper

93 100

66 41.1 32.8 49.2

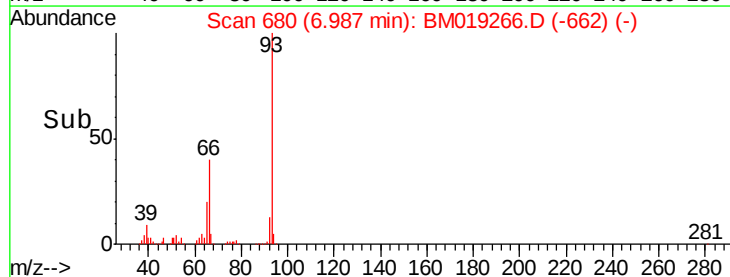
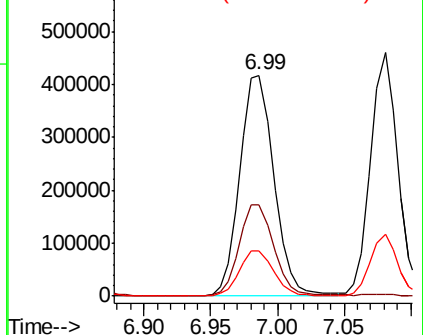
65 20.6 16.2 24.4

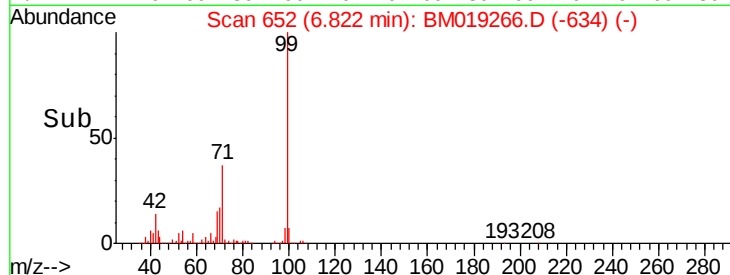
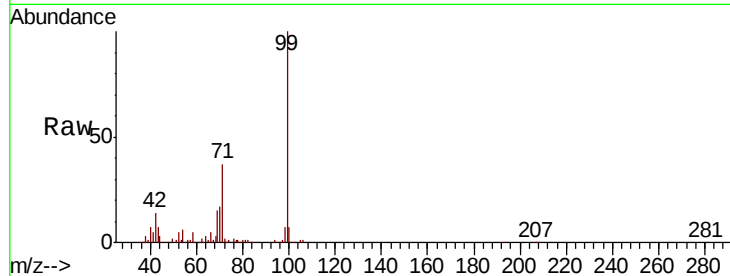
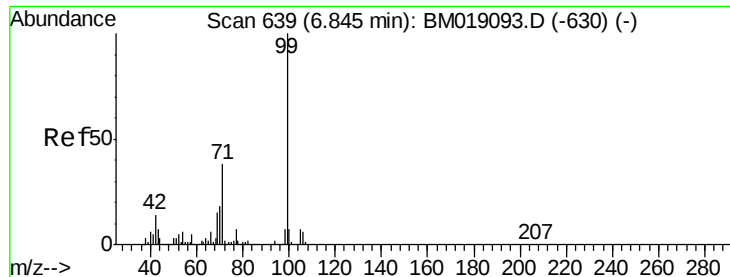


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 161.703 ng

RT: 6.82 min Scan# 652

Delta R.T. 0.01 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

Tot Ion: 99 Resp: 2924920

Ion Ratio Lower Upper

99 100

42 13.9 11.0 16.6

71 37.4 30.1 45.1

Instrument :

BNA\_M

ClientSampleId :

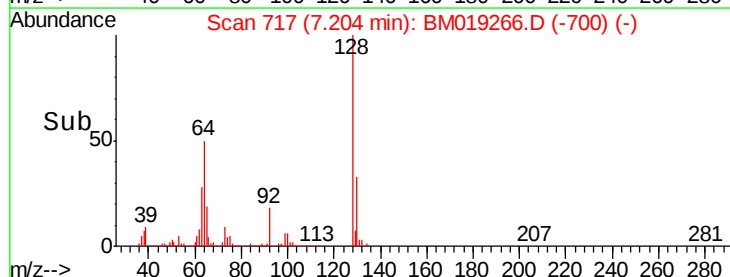
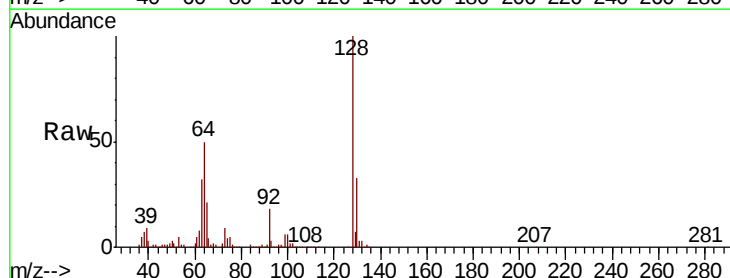
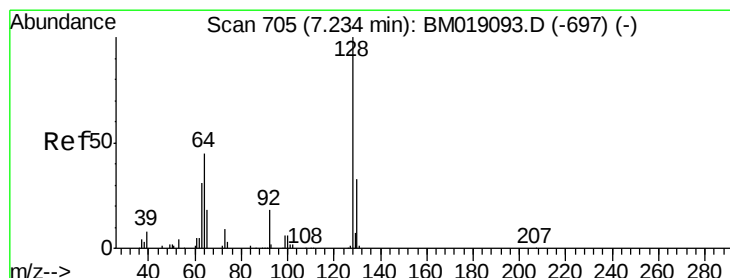
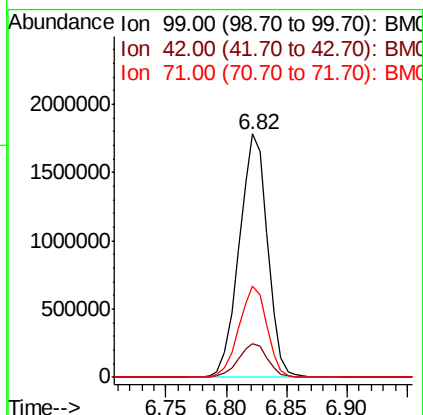
SB-13(13.5-14.5)MS

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#8

2-Chlorophenol

Concen: 47.823 ng

RT: 7.20 min Scan# 717

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

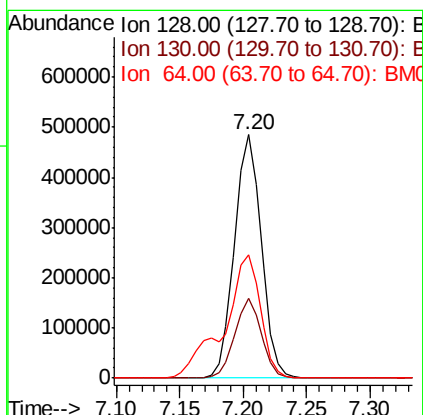
Tgt Ion:128 Resp: 710678

Ion Ratio Lower Upper

128 100

130 32.7 11.7 51.7

64 50.5 30.6 70.6





#9

Benzaldehyde

Concen: 19.862 ng

RT: 6.80 min Scan# 648

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

Instrument :

BNA\_M

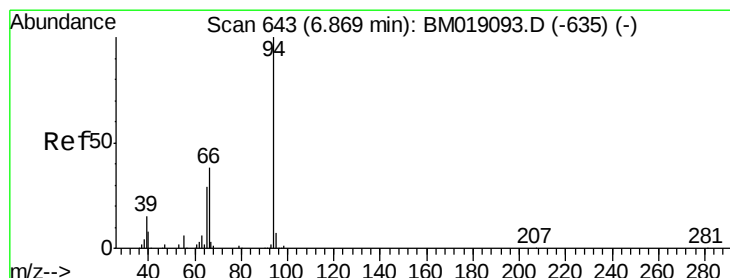
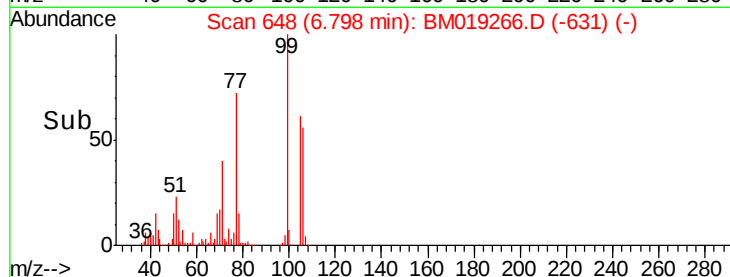
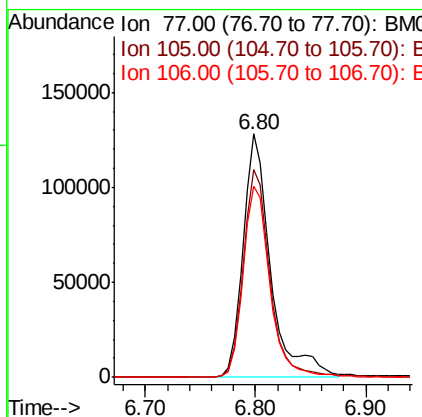
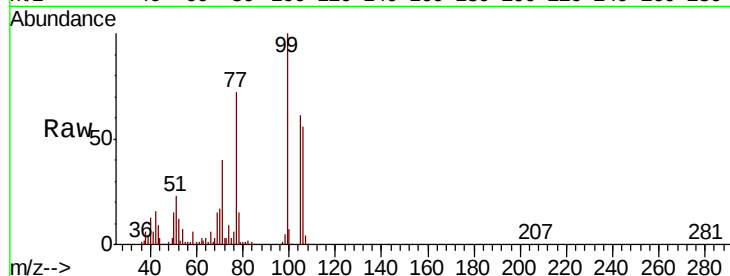
ClientSampleId :

SB-13(13.5-14.5)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 225983 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 85.3  | 67.6  | 107.6  |
| 106       | 78.5  | 63.6  | 103.6  |

Manual Integrations  
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#10

Phenol

Concen: 52.537 ng

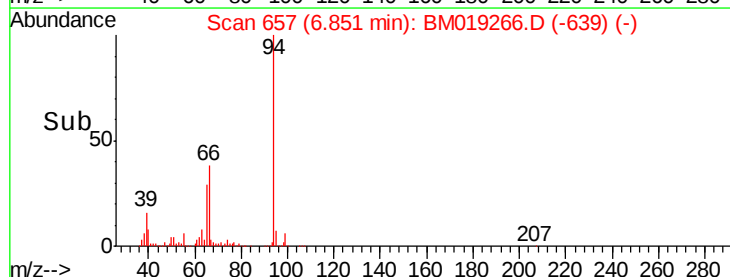
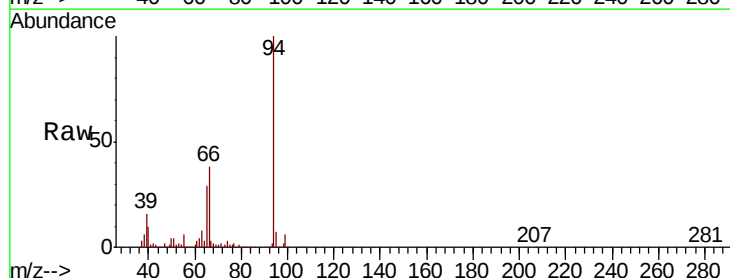
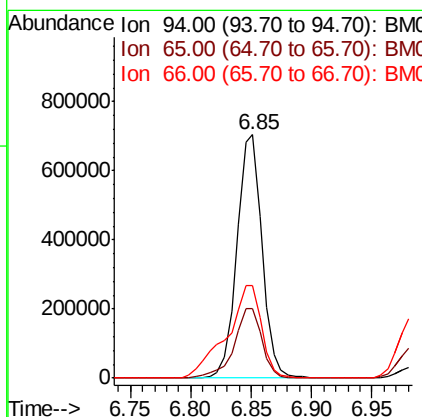
RT: 6.85 min Scan# 657

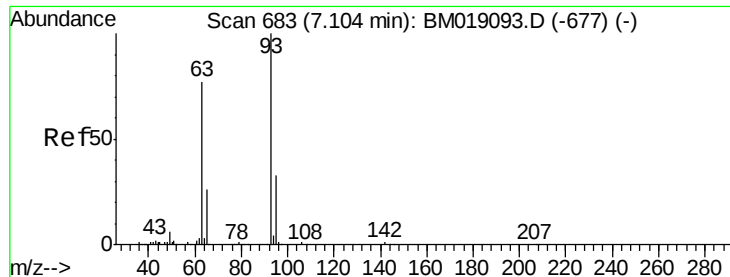
Delta R.T. 0.01 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 94    | Resp: | 1024148 |
| Ion Ratio | Lower | Upper |         |
| 94        | 100   |       |         |
| 65        | 28.7  | 9.2   | 49.2    |
| 66        | 38.1  | 17.7  | 57.7    |





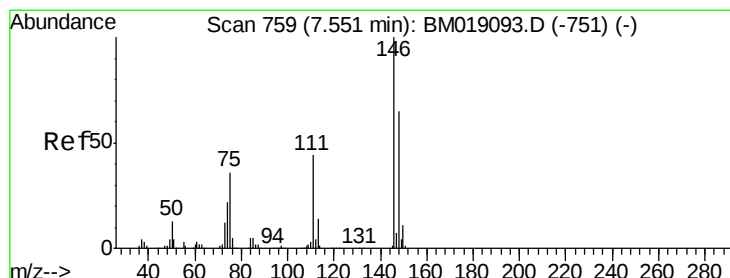
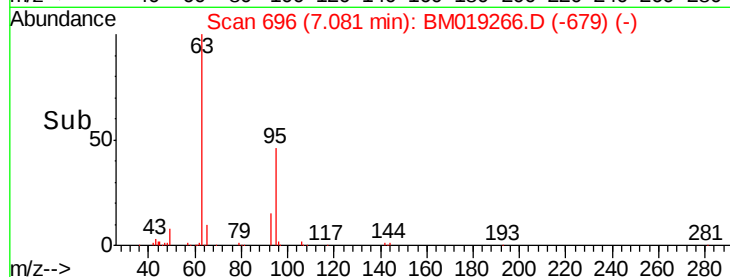
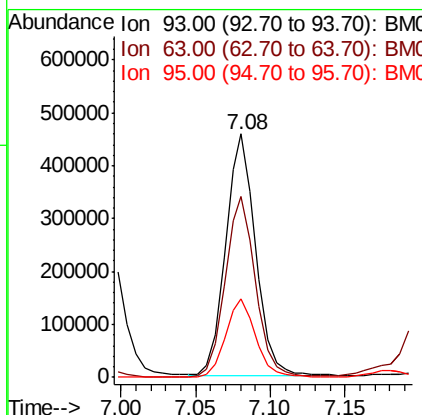
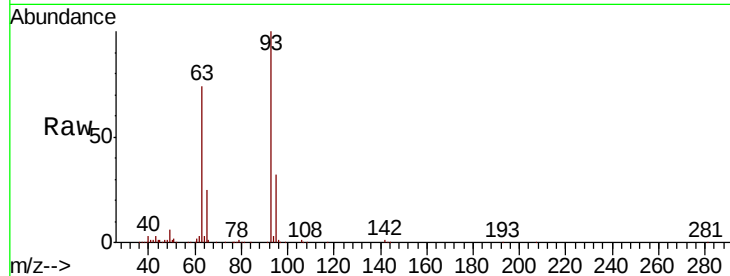
#11  
bis(2-Chloroethyl)ether  
Concen: 42.976 ng  
RT: 7.08 min Scan# 696  
Delta R.T. -0.00 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

Instrument :  
BNA\_M  
ClientSampleId :  
SB-13(13.5-14.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 74.3  | 54.6  | 94.6  |
| 95      | 32.1  | 12.6  | 52.6  |

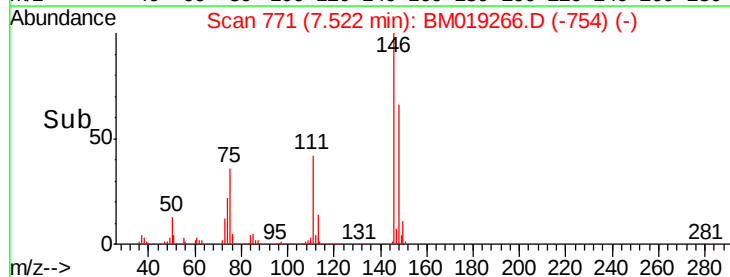
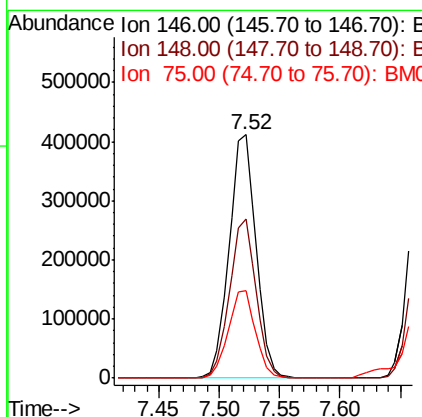
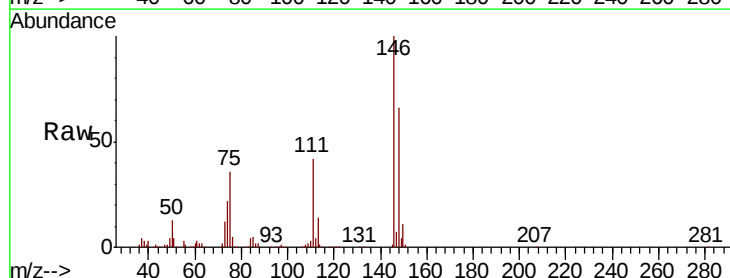
Manual Integrations  
APPROVED

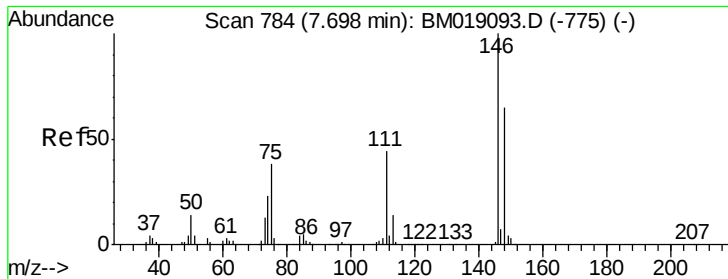
Sohil  
3/22/2019 6:04:46 PM



#12  
1,3-Dichlorobenzene  
Concen: 40.553 ng  
RT: 7.52 min Scan# 771  
Delta R.T. -0.00 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.6  | 51.2  | 76.8  |
| 75      | 35.8  | 28.6  | 42.8  |





#13

1,4-Dichlorobenzene

Concen: 41.092 ng

RT: 7.67 min Scan# 796

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

Instrument :

BNA\_M

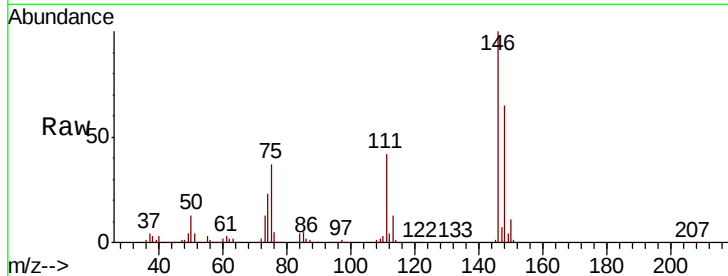
ClientSampleId :

SB-13(13.5-14.5)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 658835 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.1  | 52.2  | 78.4   |
| 111       | 42.0  | 34.4  | 51.6   |

Manual Integrations  
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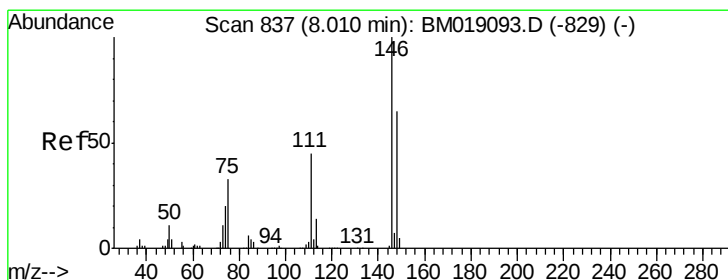
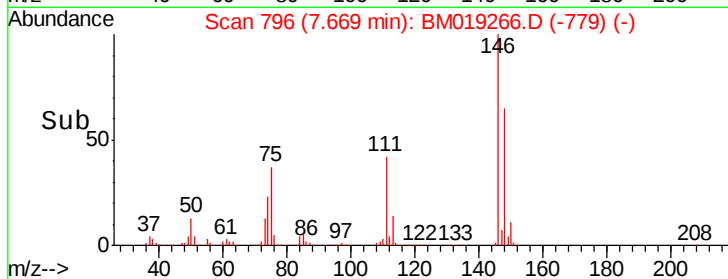
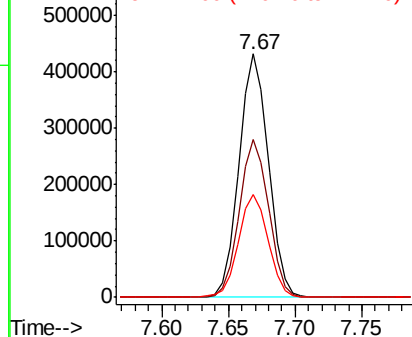


Abundance

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: 41.545 ng

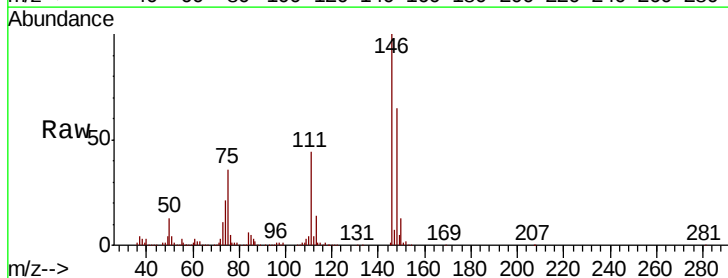
RT: 7.98 min Scan# 849

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 648060 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.8  | 51.5  | 77.3   |
| 111       | 44.2  | 35.4  | 53.0   |

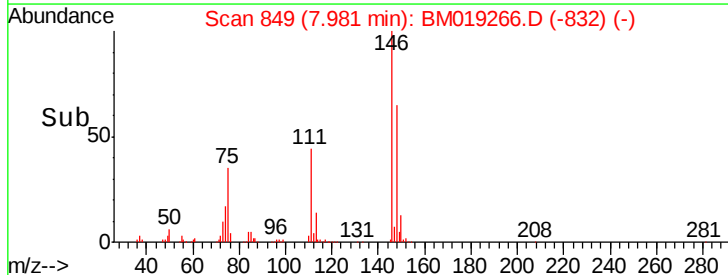
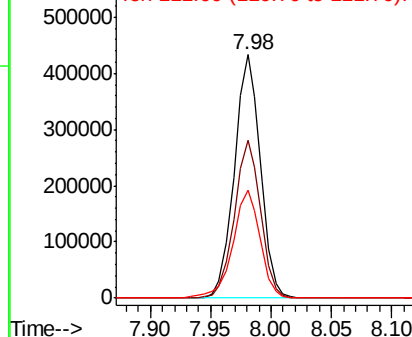


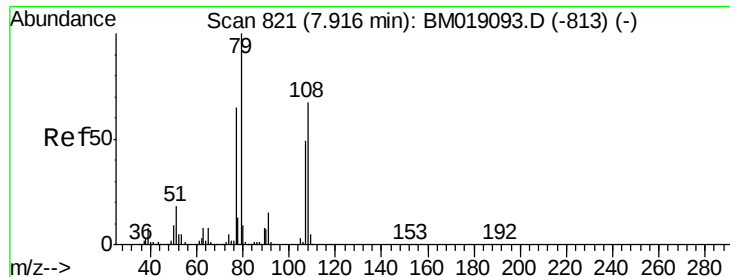
Abundance

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





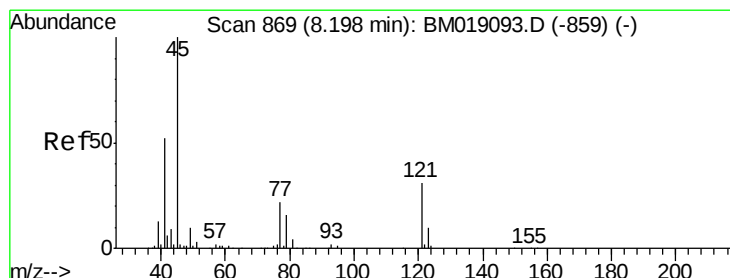
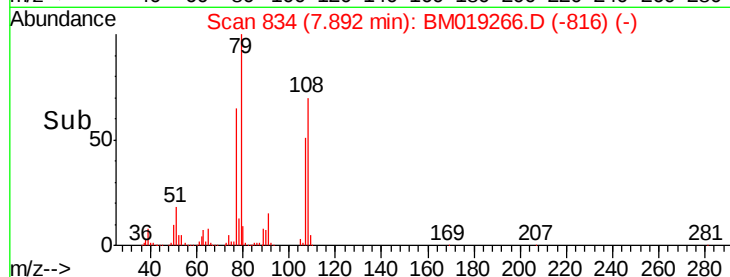
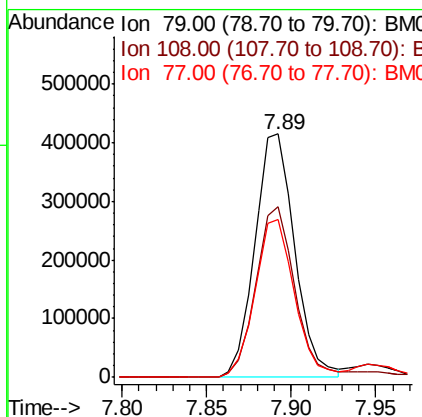
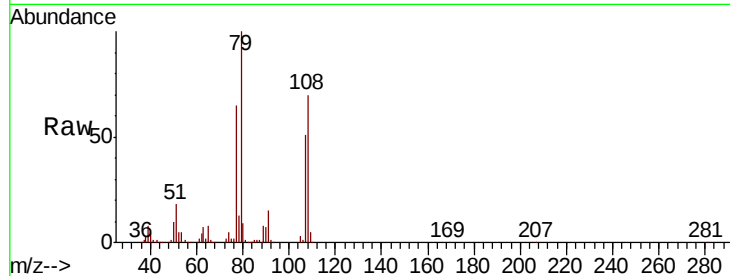
#15  
Benzyl Alcohol  
Concen: 45.283 ng  
RT: 7.89 min Scan# 834  
Delta R.T. 0.01 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

Instrument :  
BNA\_M  
ClientSampleId :  
SB-13(13.5-14.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 70.2  | 53.4  | 80.2  |
| 77      | 64.9  | 51.1  | 76.7  |

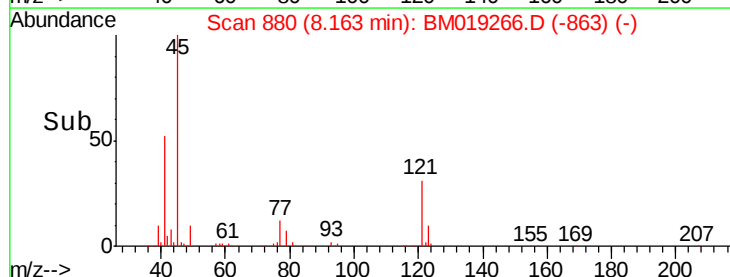
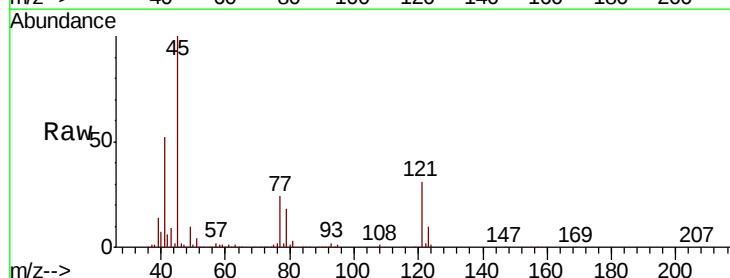
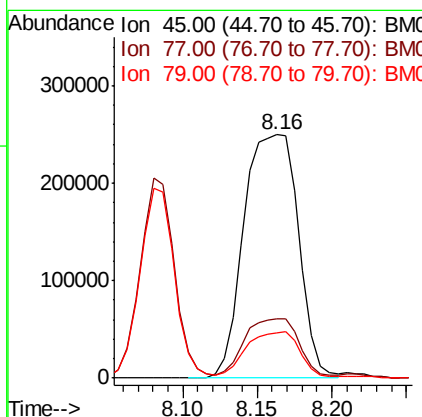
Manual Integrations  
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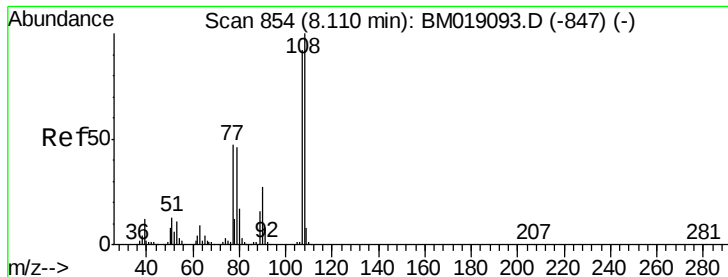
Sohil  
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.689 ng  
RT: 8.16 min Scan# 880  
Delta R.T. -0.00 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 24.4  | 3.0   | 43.0  |
| 79      | 18.5  | 0.0   | 38.0  |





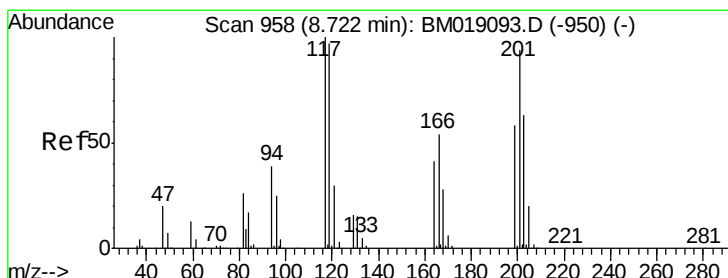
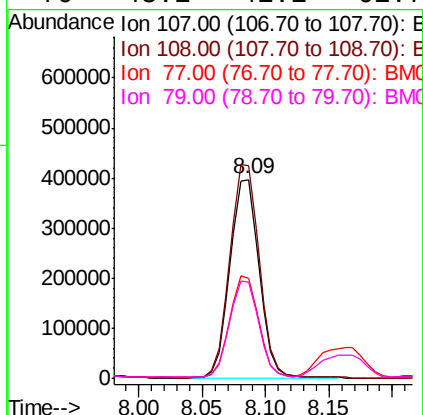
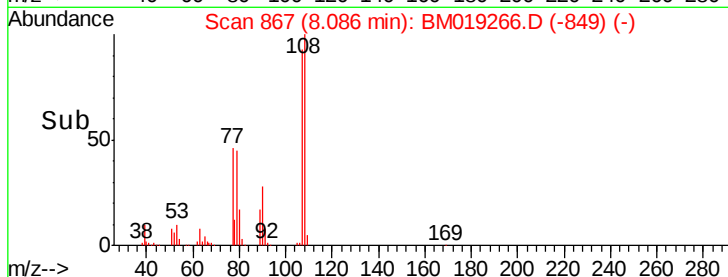
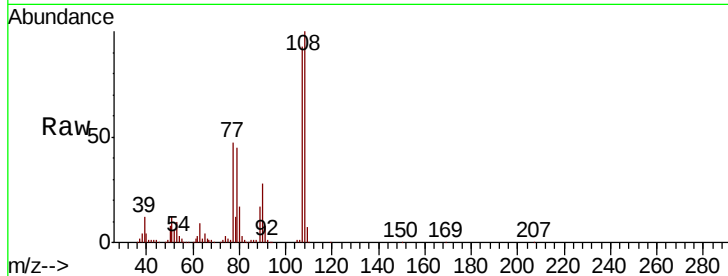
#17  
2-Methylphenol  
Concen: 49.599 ng  
RT: 8.09 min Scan# 867  
Delta R.T. 0.01 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

Instrument :  
BNA\_M  
ClientSampleId :  
SB-13(13.5-14.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 107.2 | 88.0  | 132.0 |
| 77      | 50.3  | 42.1  | 63.1  |
| 79      | 48.1  | 41.1  | 61.7  |

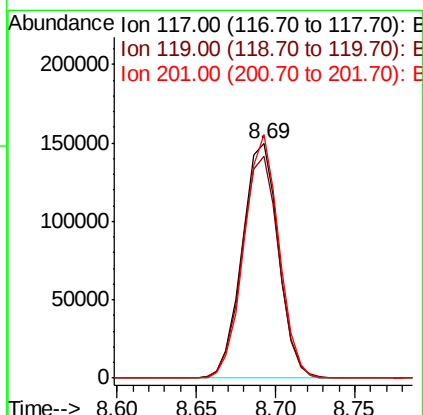
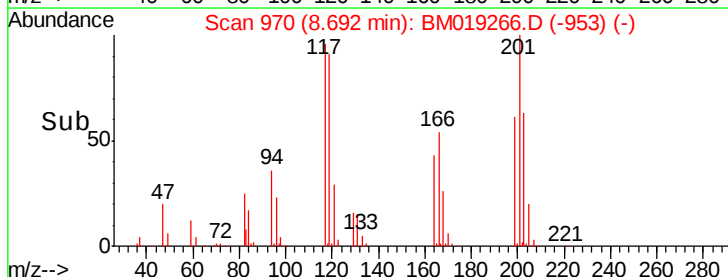
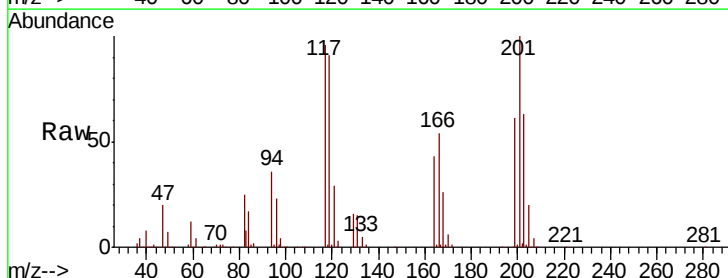
Manual Integrations  
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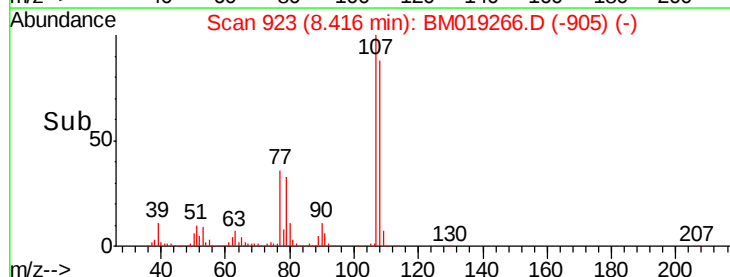
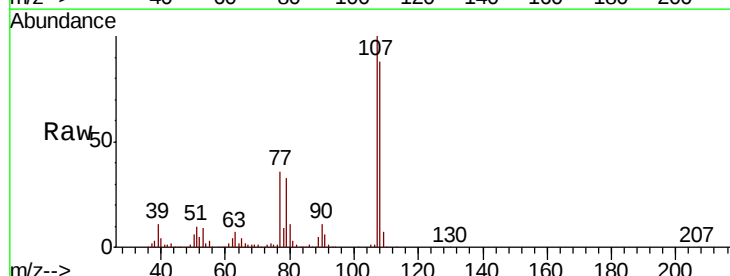
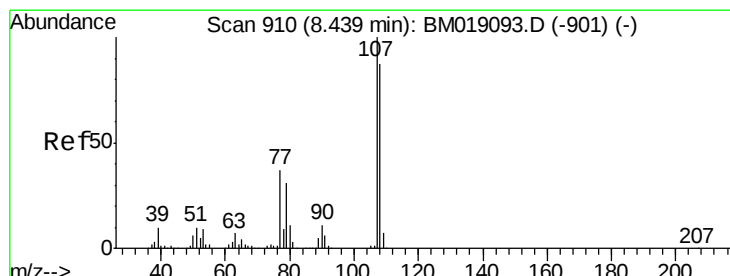
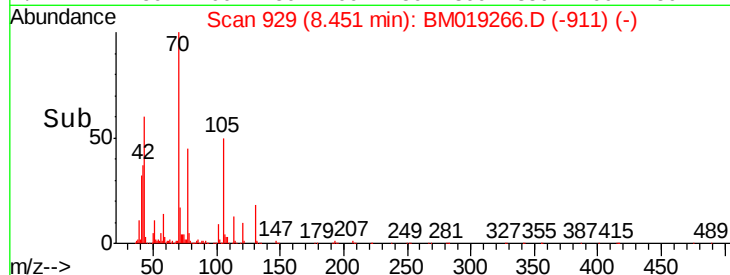
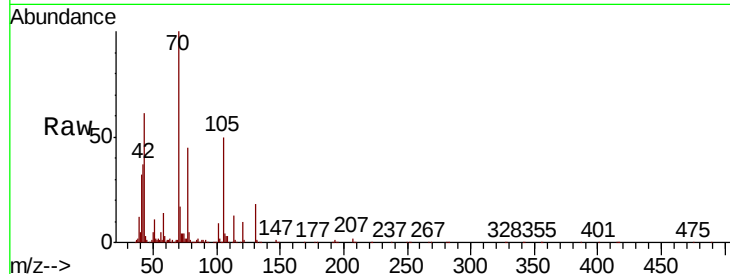
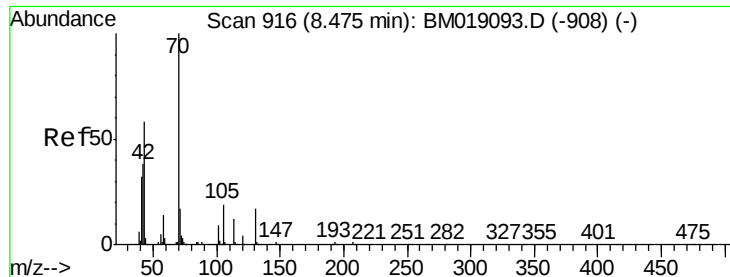
Sohil  
3/22/2019 6:04:46 PM



#18  
Hexachloroethane  
Concen: 39.885 ng  
RT: 8.69 min Scan# 970  
Delta R.T. -0.00 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.9  | 76.2  | 114.2 |
| 201     | 104.0 | 80.8  | 121.2 |





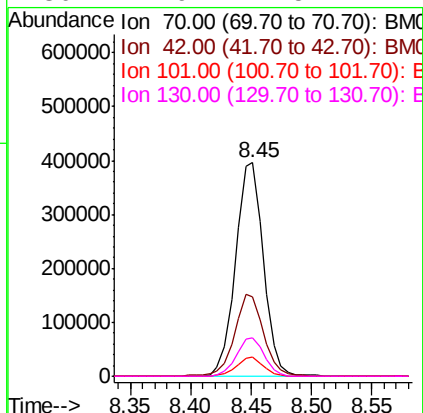
#19  
n-Nitroso-di-n-propylamine  
Concen: 43.057 ng  
RT: 8.45 min Scan# 929  
Delta R.T. 0.01 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

Instrument :  
BNA\_M  
ClientSampleId :  
SB-13(13.5-14.5)MS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 37.4 | 30.0  | 45.0  |       |
| 101     | 8.7  | 7.0   | 10.6  |       |
| 130     | 17.9 | 14.5  | 21.7  |       |

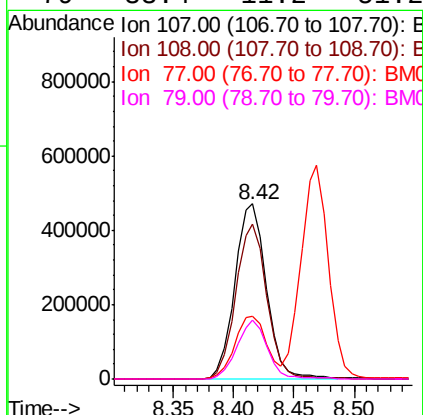
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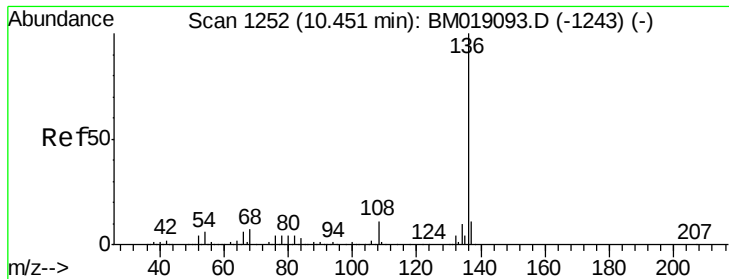
Sohil  
3/22/2019 6:04:46 PM



#20  
3+4-Methylphenols  
Concen: 49.873 ng  
RT: 8.42 min Scan# 923  
Delta R.T. 0.01 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 88.4 | 67.0  | 107.0 |       |
| 77      | 36.2 | 16.8  | 56.8  |       |
| 79      | 33.4 | 11.2  | 51.2  |       |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

Instrument :

BNA\_M

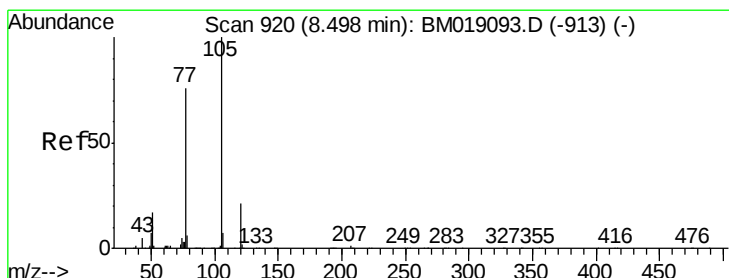
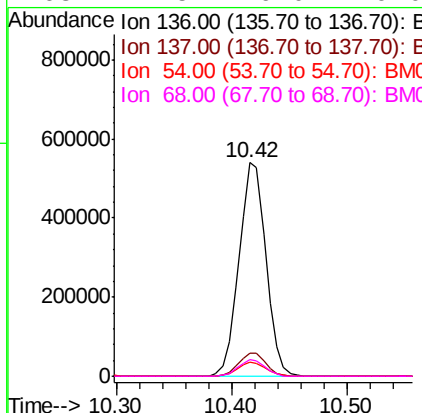
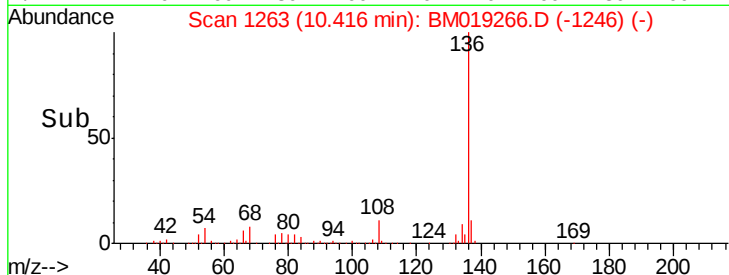
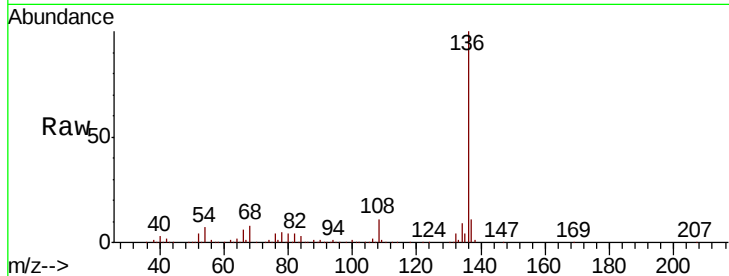
ClientSampleId :

SB-13(13.5-14.5)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 874730 |       |       |
| 137     | 10.9  |        | 8.6   | 12.8  |
| 54      | 6.7   |        | 5.5   | 8.3   |
| 68      | 7.5   |        | 6.0   | 9.0   |

Manual Integrations  
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#22

Acetophenone

Concen: 43.720 ng

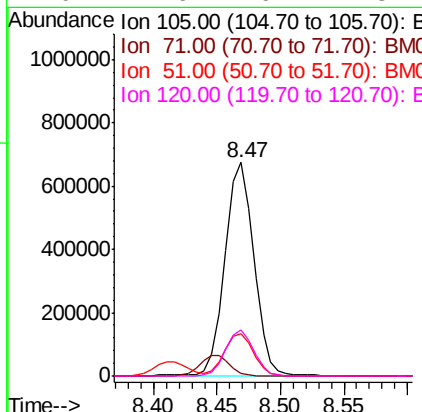
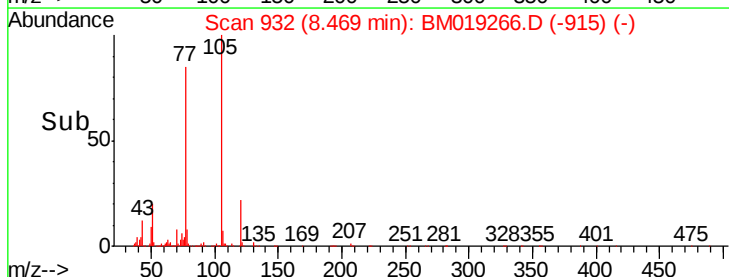
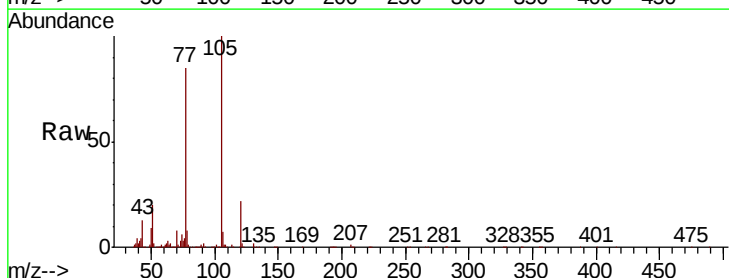
RT: 8.47 min Scan# 932

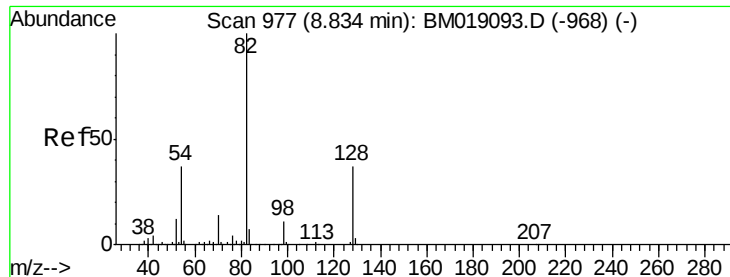
Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 105     | 100   | 1056883 |       |       |
| 71      | 1.4   |         | 0.9   | 1.3#  |
| 51      | 19.5  |         | 15.9  | 23.9  |
| 120     | 21.6  |         | 16.7  | 25.1  |





#23

Nitrobenzene-d5

Concen: 95.975 ng

RT: 8.80 min Scan# 989

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

Instrument :

BNA\_M

ClientSampleId :

SB-13(13.5-14.5)MS

Tot Ion: 82 Resp: 1776013

Ion Ratio Lower Upper

82 100

128 37.8 30.2 45.4

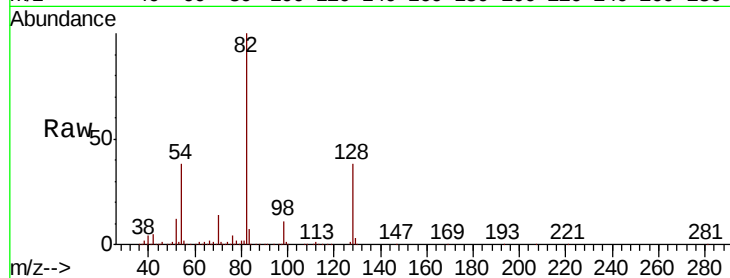
54 37.8 30.2 45.2

Manual Integrations

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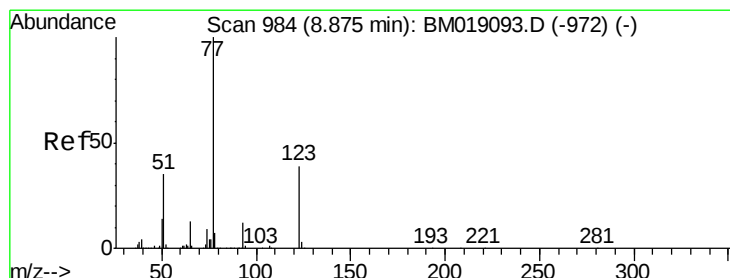
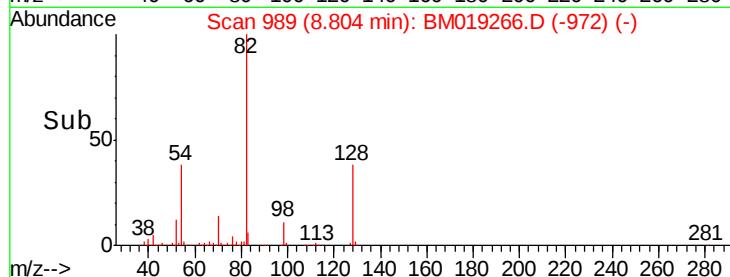
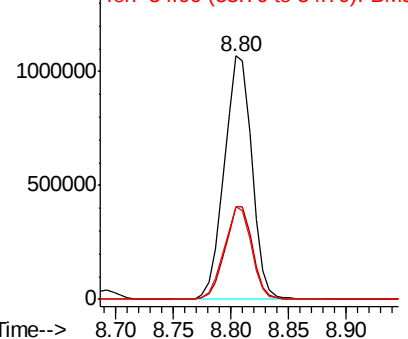
3/22/2019 6:04:46 PM



Abundance Ion 82.00 (81.70 to 82.70): BM019093.D (-968) (-)

Ion 128.00 (127.70 to 128.70): BM019093.D (-968) (-)

Ion 54.00 (53.70 to 54.70): BM019093.D (-968) (-)



#24

Nitrobenzene

Concen: 45.813 ng

RT: 8.85 min Scan# 996

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

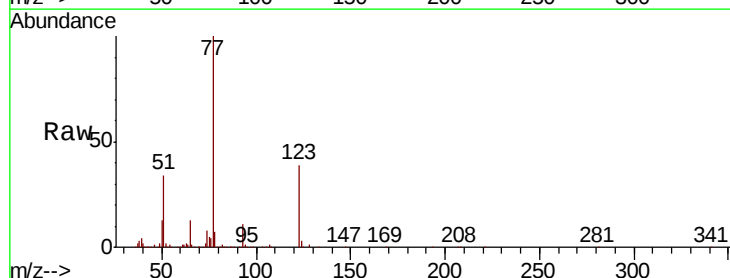
Tgt Ion: 77 Resp: 881689

Ion Ratio Lower Upper

77 100

123 38.9 31.4 47.0

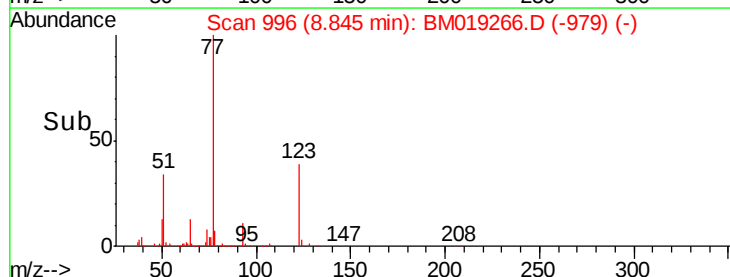
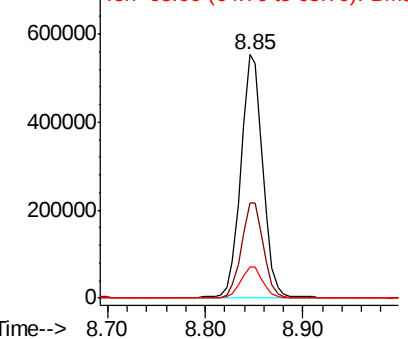
65 12.9 10.2 15.4

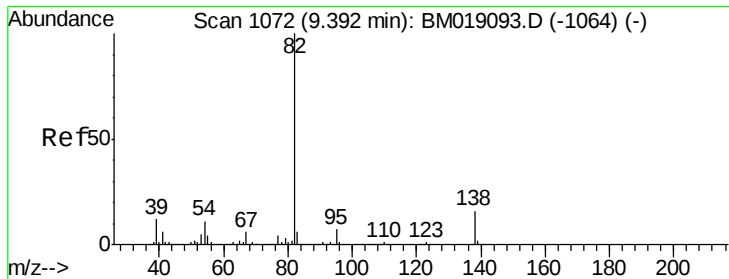


Abundance Ion 77.00 (76.70 to 77.70): BM019093.D (-972) (-)

Ion 123.00 (122.70 to 123.70): BM019093.D (-972) (-)

Ion 65.00 (64.70 to 65.70): BM019093.D (-972) (-)





#25

Isophorone

Concen: 45.898 ng

RT: 9.36 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

Instrument :

BNA\_M

ClientSampleId :

SB-13(13.5-14.5)MS

Tot Ion: 82 Resp: 1620678

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.0

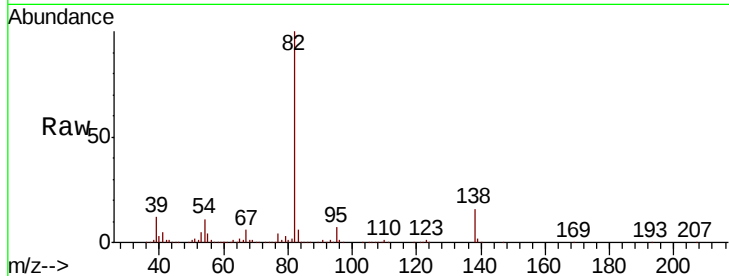
138 15.6 12.2 18.4

Manual Integrations

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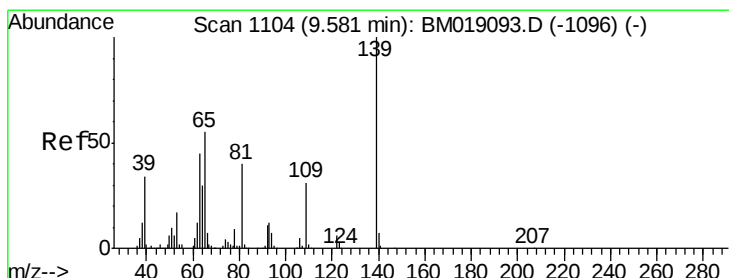
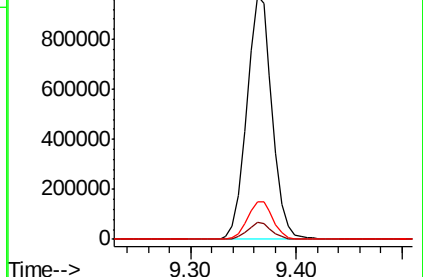
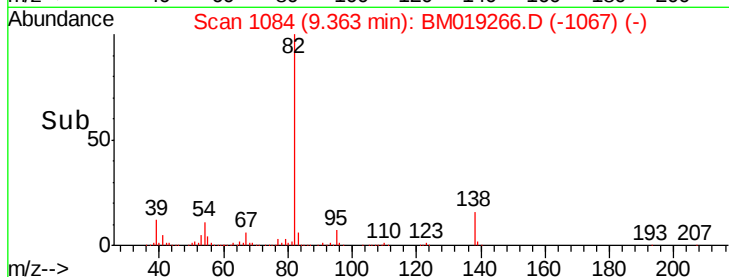
3/22/2019 6:04:46 PM



Abundance Ion 82.00 (81.70 to 82.70): BM019093.D (-1064) (-)

Ion 95.00 (94.70 to 95.70): BM019093.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BM019093.D (-1064) (-)



#26

2-Nitrophenol

Concen: 47.901 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

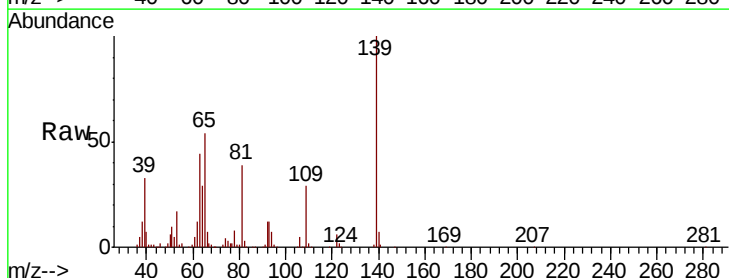
Tgt Ion: 139 Resp: 382121

Ion Ratio Lower Upper

139 100

109 29.3 23.8 35.8

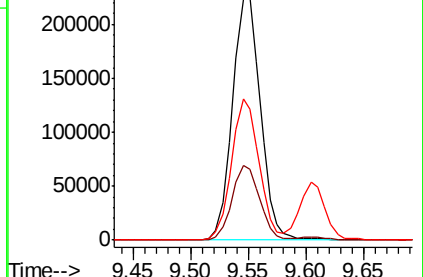
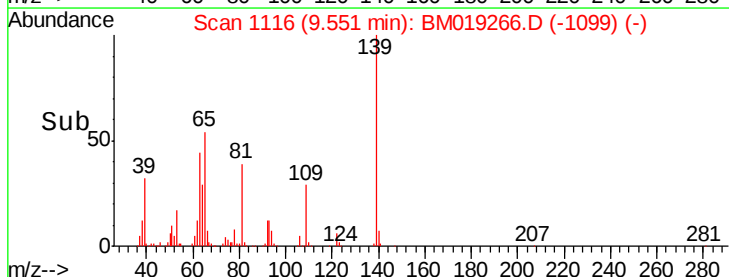
65 53.8 43.3 64.9

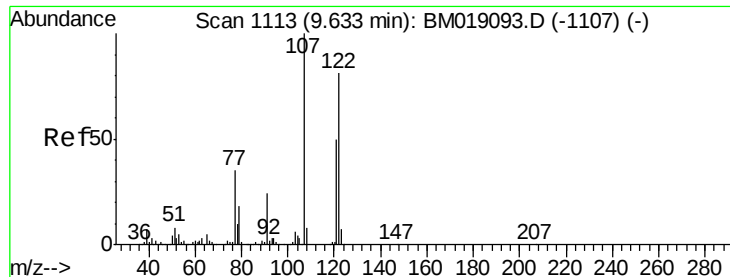


Abundance Ion 139.00 (138.70 to 139.70): BM019093.D (-1096) (-)

Ion 109.00 (108.70 to 109.70): BM019093.D (-1096) (-)

Ion 65.00 (64.70 to 65.70): BM019093.D (-1096) (-)





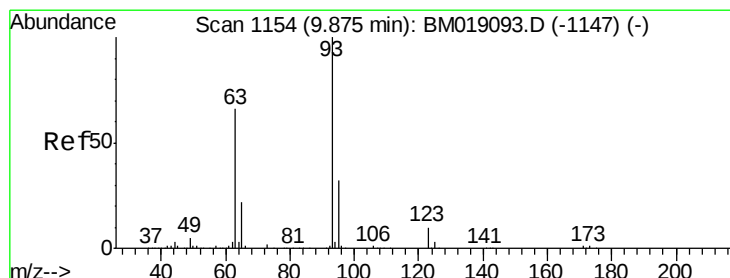
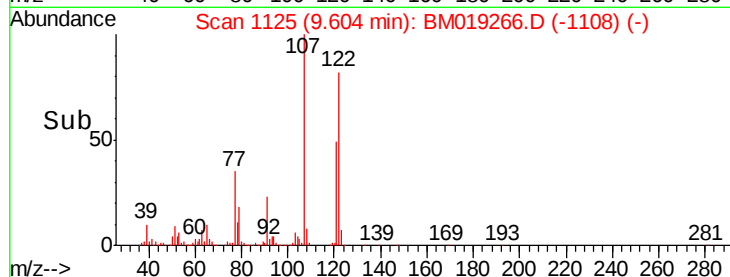
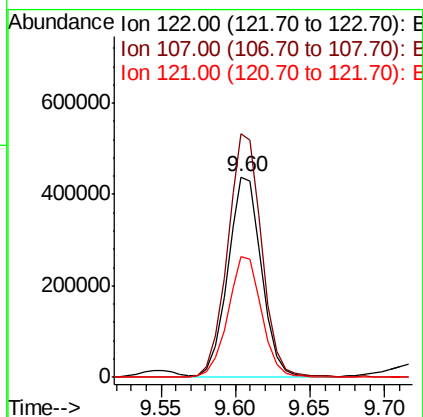
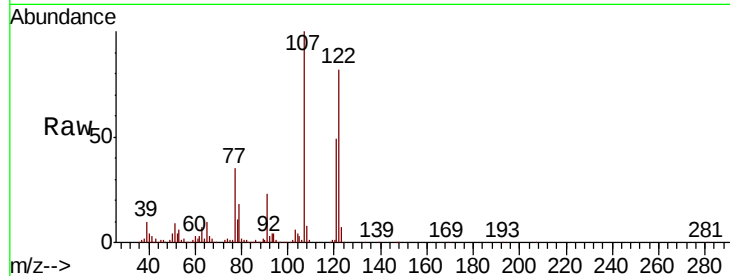
#27  
 2,4-Dimethylphenol  
 Concen: 57.857 ng  
 RT: 9.60 min Scan# 1125  
 Delta R.T. -0.00 min  
 Lab File: BM019266.D  
 Acq: 20 Mar 2019 17:44

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-13(13.5-14.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 121.7 | 96.4  | 144.6 |
| 121     | 60.1  | 47.6  | 71.4  |

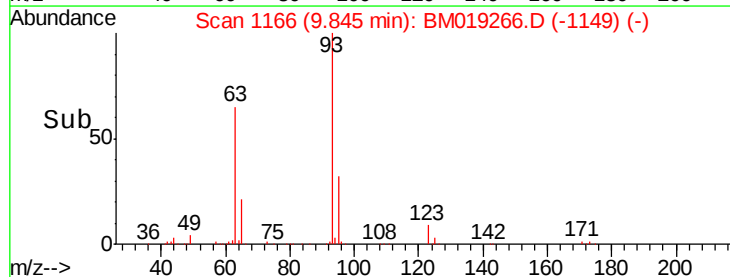
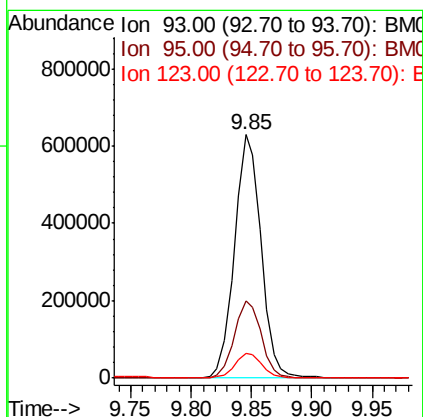
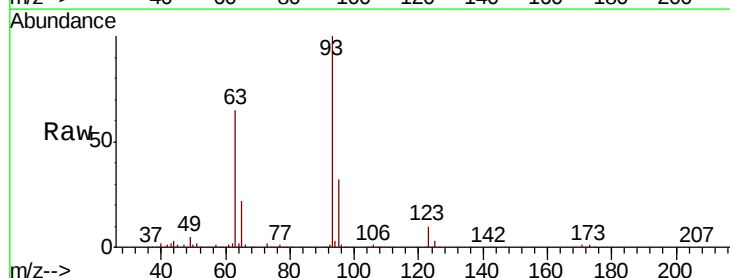
Manual Integrations  
 APPROVED

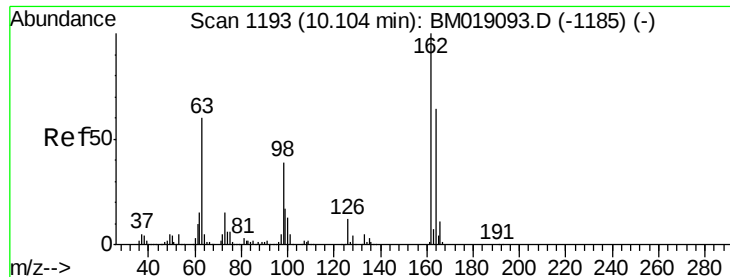
Sohil  
 3/22/2019 6:04:46 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 46.315 ng  
 RT: 9.85 min Scan# 1166  
 Delta R.T. -0.00 min  
 Lab File: BM019266.D  
 Acq: 20 Mar 2019 17:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.7  | 24.7  | 37.1  |
| 123     | 10.1  | 8.6   | 12.8  |





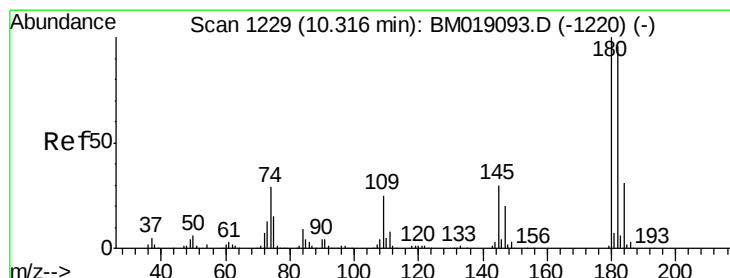
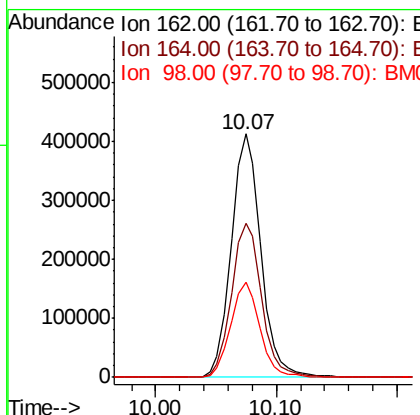
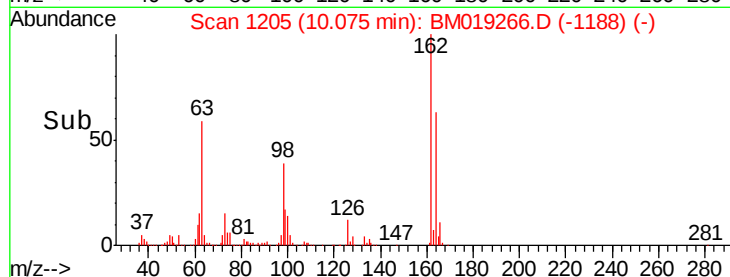
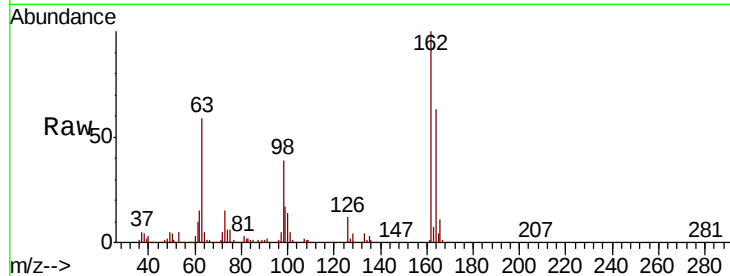
#29  
 2,4-Dichlorophenol  
 Concen: 53.734 ng  
 RT: 10.07 min Scan# 1205  
 Delta R.T. -0.00 min  
 Lab File: BM019266.D  
 Acq: 20 Mar 2019 17:44

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-13(13.5-14.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.5  | 45.6  | 85.6  |
| 98      | 39.1  | 18.0  | 58.0  |

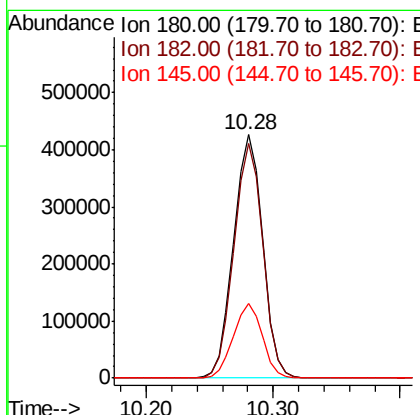
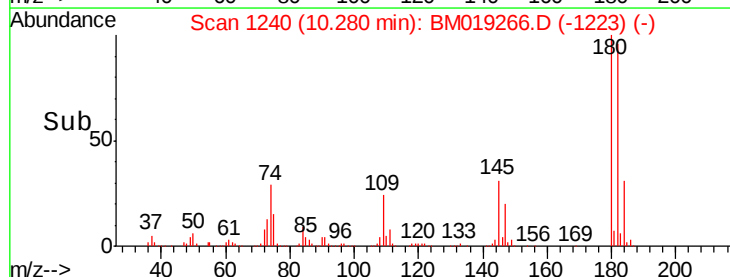
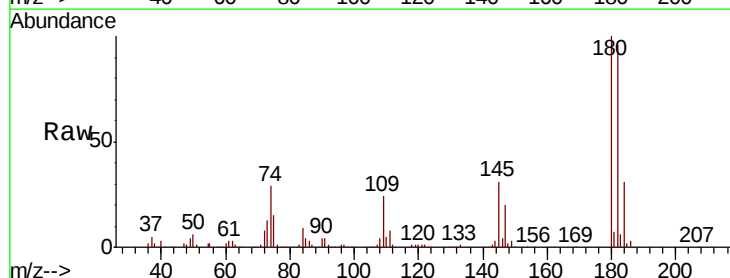
Manual Integrations  
 APPROVED

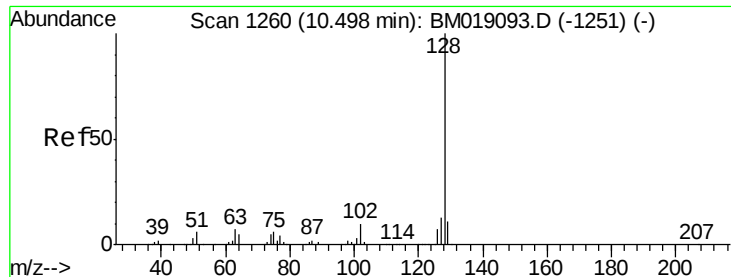
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 3/22/2019 6:04:46 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 45.846 ng  
 RT: 10.28 min Scan# 1240  
 Delta R.T. -0.00 min  
 Lab File: BM019266.D  
 Acq: 20 Mar 2019 17:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.2  | 77.9  | 116.9 |
| 145     | 30.7  | 24.7  | 37.1  |





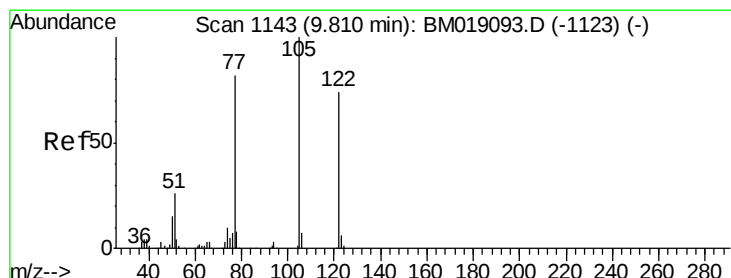
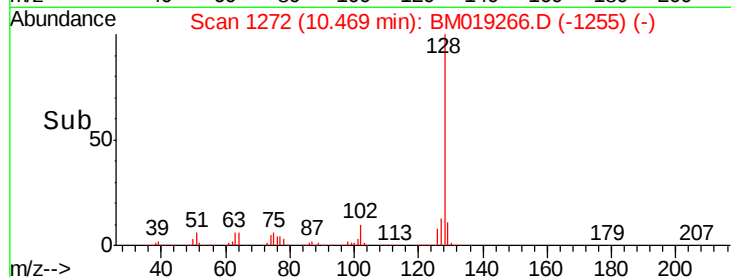
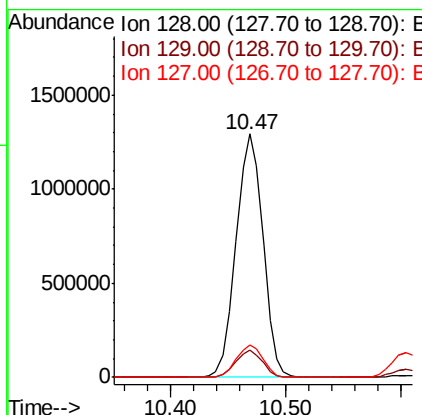
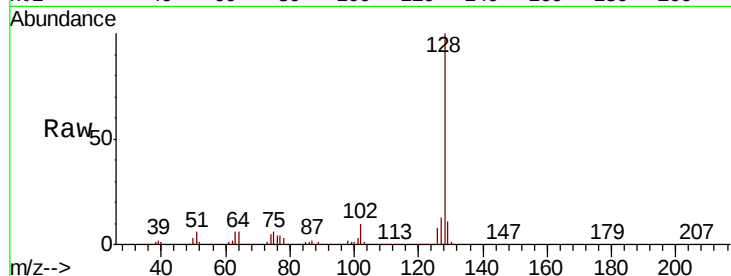
#31  
Naphthalene  
Concen: 45.273 ng  
RT: 10.47 min Scan# 1272  
Delta R.T. -0.00 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

Instrument :  
BNA\_M  
ClientSampleId :  
SB-13(13.5-14.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.1  | 8.7   | 13.1  |
| 127     | 13.2  | 10.3  | 15.5  |

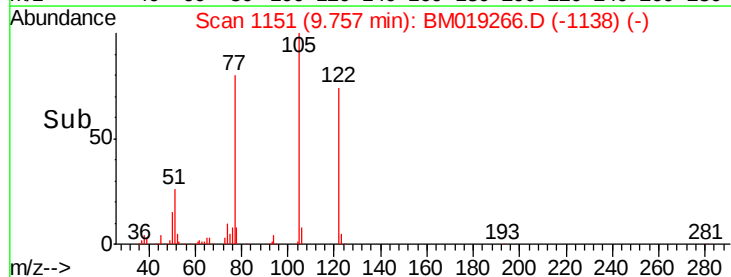
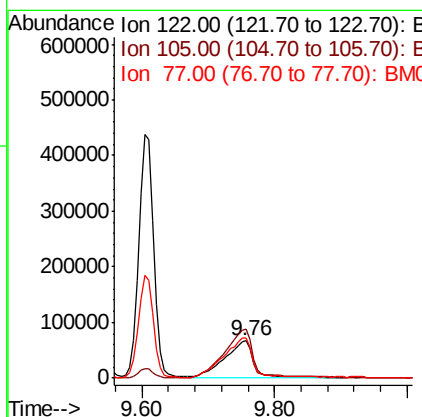
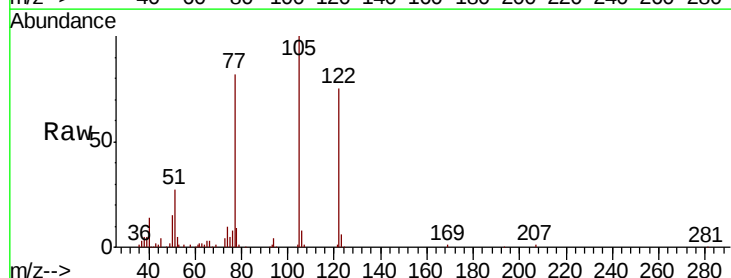
Manual Integrations  
APPROVED

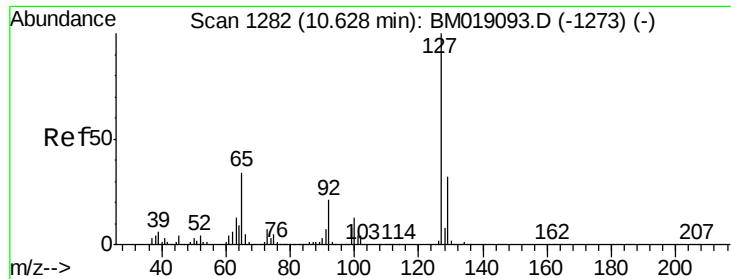
Sohil  
3/22/2019 6:04:46 PM



#32  
Benzoic acid  
Concen: 19.919 ng m  
RT: 9.76 min Scan# 1151  
Delta R.T. -0.02 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 133.3 | 115.6 | 155.6 |
| 77      | 109.5 | 93.8  | 133.8 |





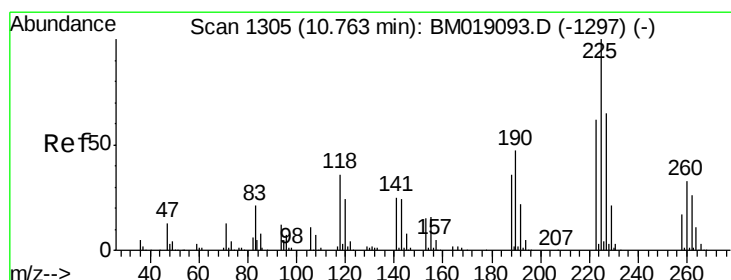
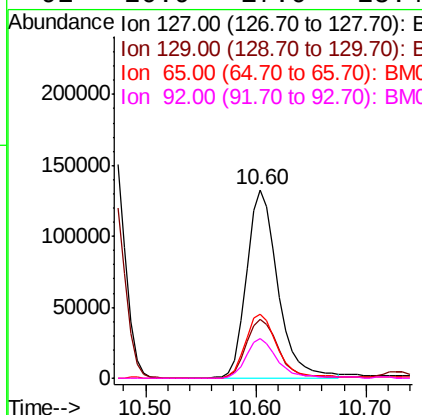
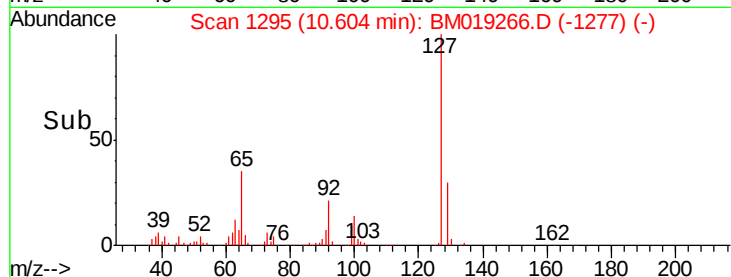
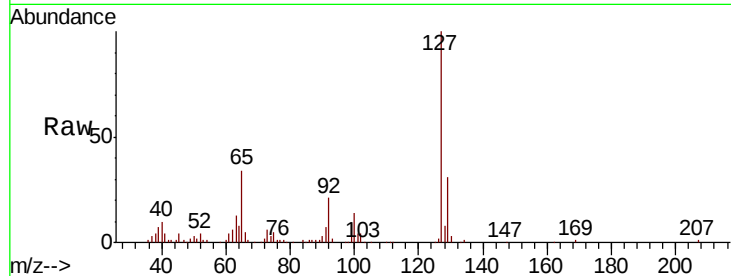
#33  
4-Chloroaniline  
Concen: 14.038 ng  
RT: 10.60 min Scan# 1295  
Delta R.T. 0.01 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

Instrument :  
BNA\_M  
ClientSampleId :  
SB-13(13.5-14.5)MS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 31.4 | 25.9  | 38.9 |       |       |
| 65      | 34.0 | 27.5  | 41.3 |       |       |
| 92      | 20.9 | 17.0  | 25.4 |       |       |

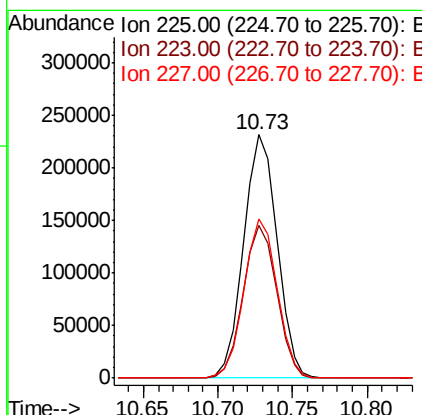
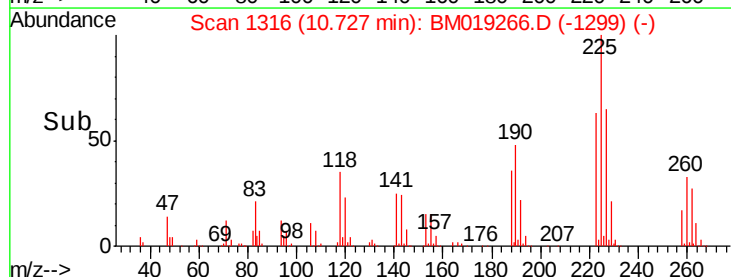
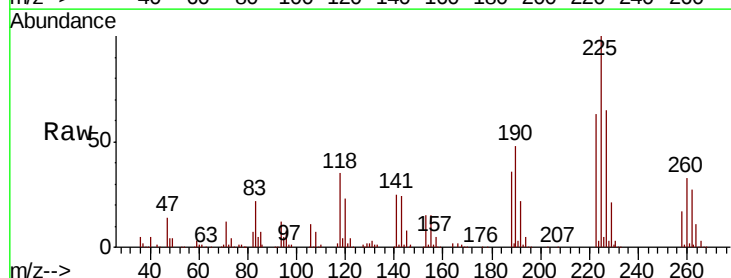
Manual Integrations  
APPROVED

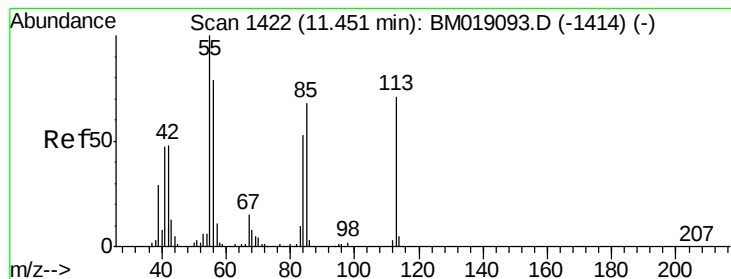
Sohil  
3/22/2019 6:04:46 PM



#34  
Hexachlorobutadiene  
Concen: 42.300 ng  
RT: 10.73 min Scan# 1316  
Delta R.T. -0.00 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 63.0 | 51.0  | 76.4 |       |       |
| 227     | 65.4 | 51.0  | 76.6 |       |       |





#35

Caprolactam

Concen: 49.401 ng/mL

RT: 11.43 min Scan# 1436

Delta R.T. 0.01 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

Instrument :

BNA\_M

ClientSampleId :

SB-13(13.5-14.5)MS

Tot Ion: 113 Resp: 231142

Ion Ratio Lower Upper

113 100

55 136.9 120.1 160.1

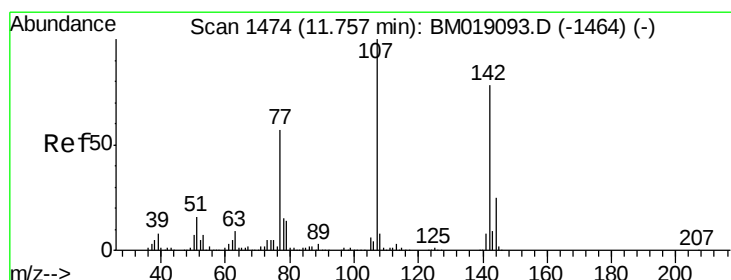
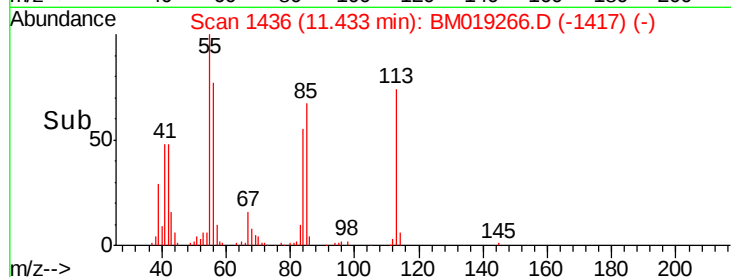
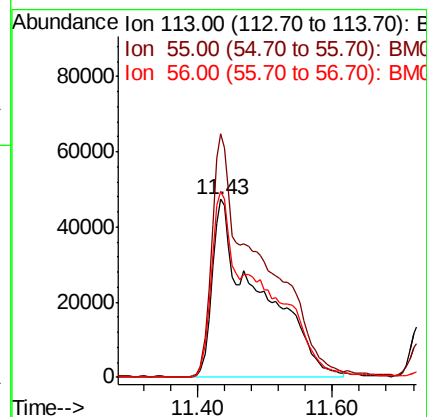
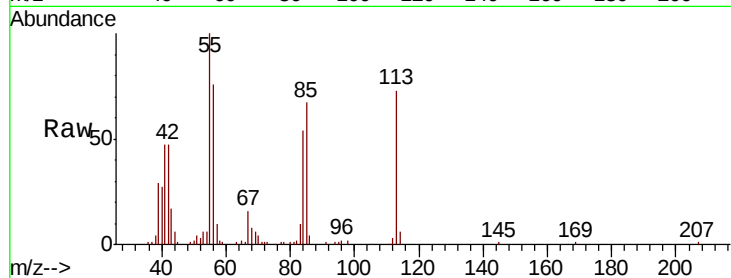
56 104.5 91.6 131.6

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 50.207 ng/mL

RT: 11.73 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

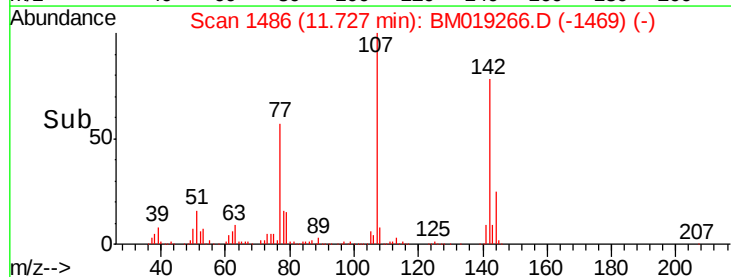
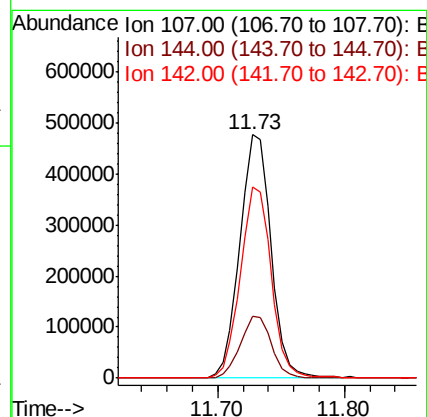
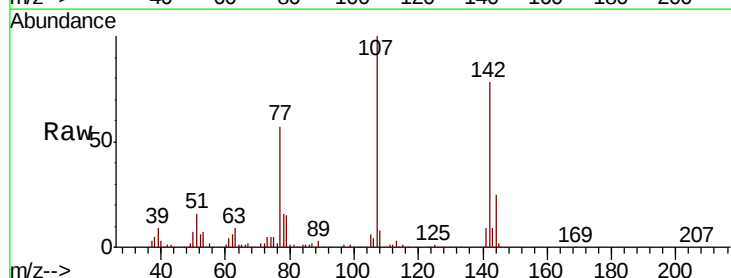
Tgt Ion: 107 Resp: 813694

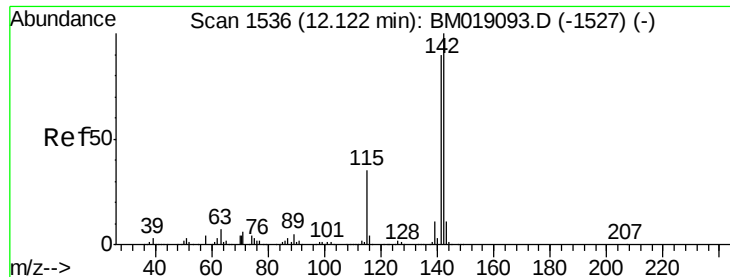
Ion Ratio Lower Upper

107 100

144 25.3 20.1 30.1

142 78.3 62.1 93.1





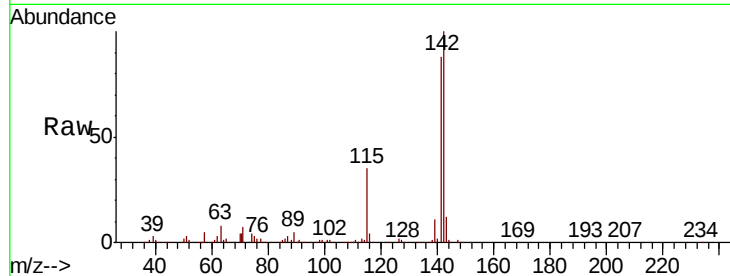
#37  
2-Methylnaphthalene  
Concen: 47.048 ng  
RT: 12.09 min Scan# 1547  
Delta R.T. -0.00 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

Instrument :  
BNA\_M  
ClientSampleId :  
SB-13(13.5-14.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.9  | 71.9  | 107.9 |
| 115     | 34.8  | 27.7  | 41.5  |

Manual Integrations  
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3/22/2019 6:04:46 PM

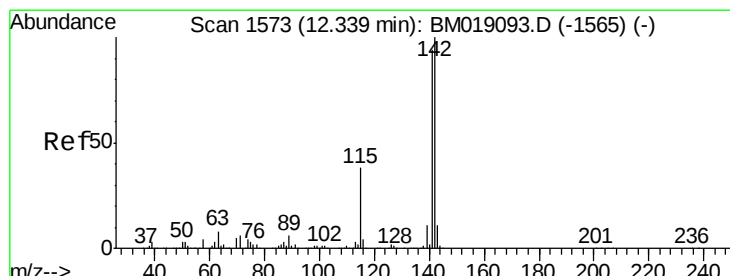
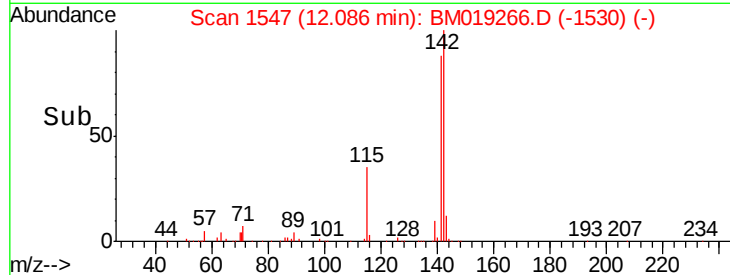
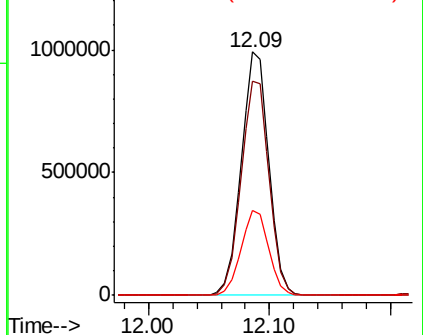


Abundance

Ion 142.00 (141.70 to 142.70): E

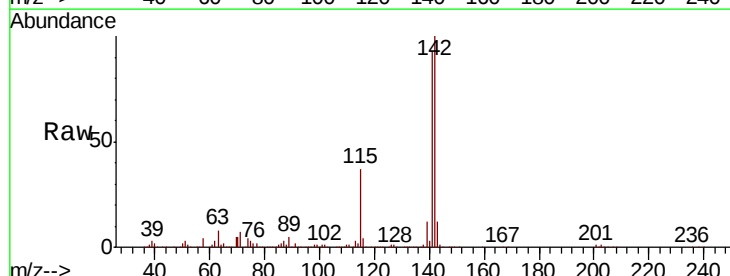
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
1-Methylnaphthalene  
Concen: 45.426 ng  
RT: 12.31 min Scan# 1585  
Delta R.T. -0.00 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.0  | 75.2  | 112.8 |
| 116     | 3.8   | 3.0   | 4.6   |

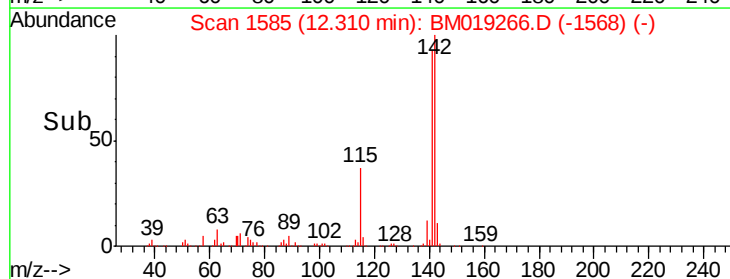
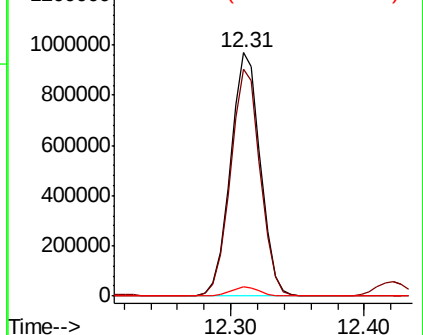


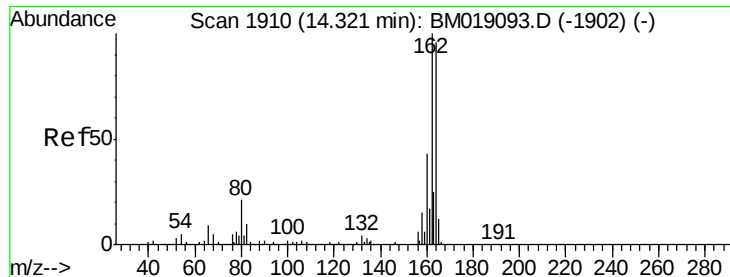
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





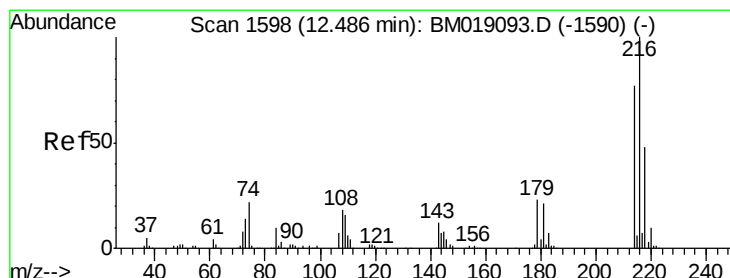
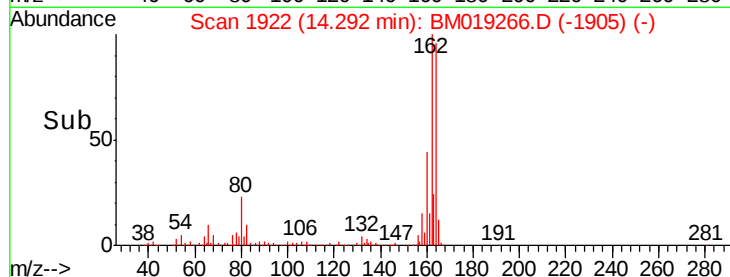
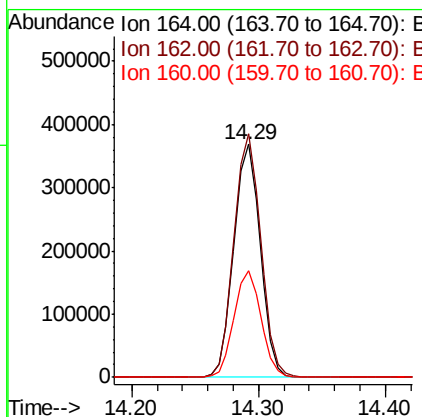
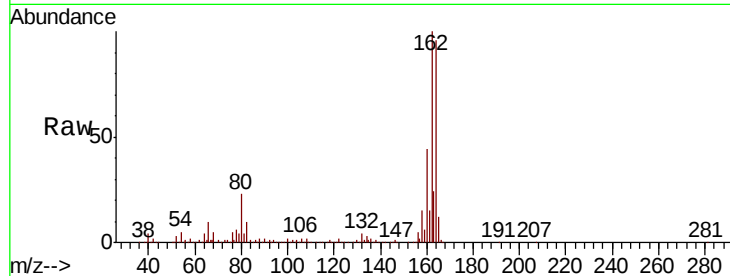
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.29 min Scan# 1922  
 Delta R.T. -0.00 min  
 Lab File: BM019266.D  
 Acq: 20 Mar 2019 17:44

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-13(13.5-14.5)MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 162     | 104.4 | 84.1 | 126.1 |       |
| 160     | 45.5  | 36.5 | 54.7  |       |

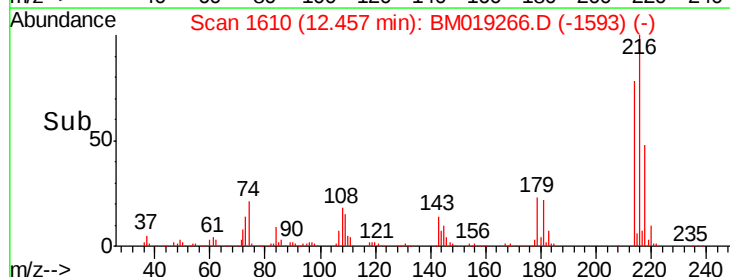
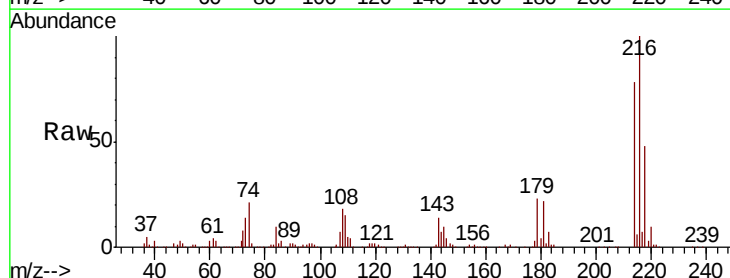
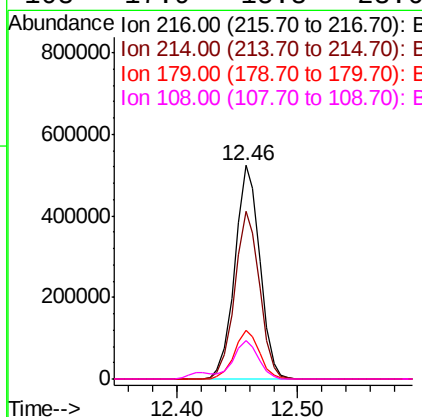
Manual Integrations  
 APPROVED

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#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 45.002 ng  
 RT: 12.46 min Scan# 1610  
 Delta R.T. -0.00 min  
 Lab File: BM019266.D  
 Acq: 20 Mar 2019 17:44

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 216     | 100   |      |       |       |
| 214     | 78.1  | 62.7 | 94.1  |       |
| 179     | 22.7  | 18.0 | 27.0  |       |
| 108     | 17.9  | 15.8 | 23.6  |       |





#41

Hexachlorocyclopentadiene

Concen: 93.356 ng

RT: 12.42 min Scan# 1604

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

Instrument :

BNA\_M

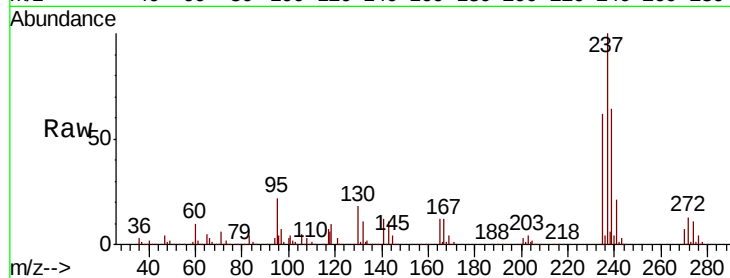
ClientSampleId :

SB-13(13.5-14.5)MS

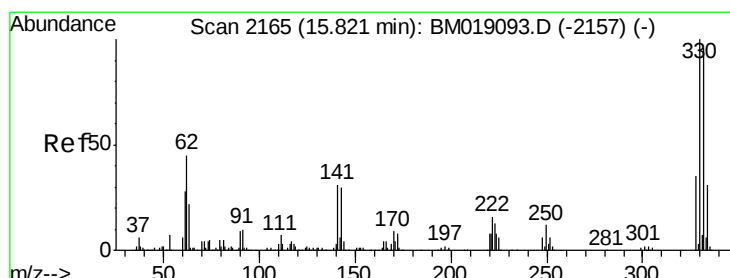
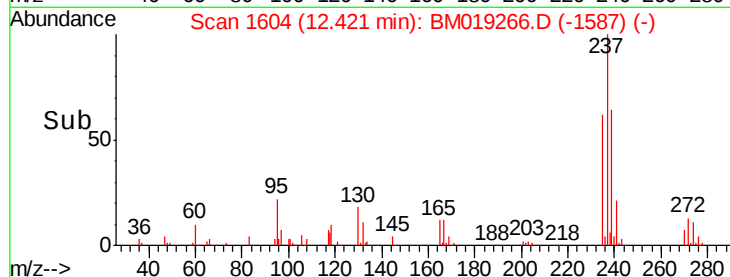
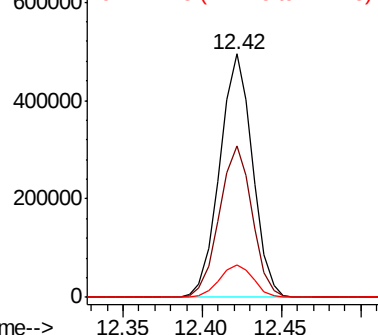
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 709579 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 62.3  | 42.8  | 82.8   |
| 272       | 13.3  | 0.0   | 33.3   |

Manual Integrations  
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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: 166.581 ng

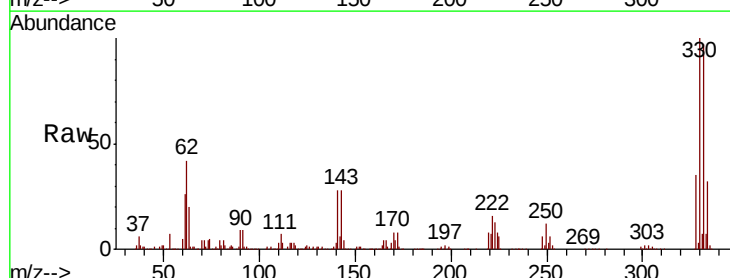
RT: 15.80 min Scan# 2178

Delta R.T. 0.01 min

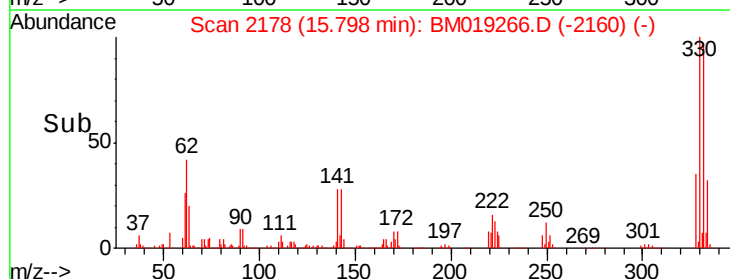
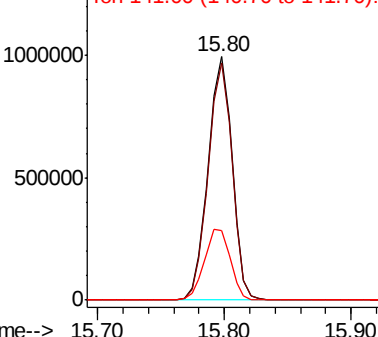
Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 330   | Resp: | 1304707 |
| Ion Ratio | Lower | Upper |         |
| 330       | 100   |       |         |
| 332       | 96.9  | 77.6  | 116.4   |
| 141       | 31.1  | 25.7  | 38.5    |



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





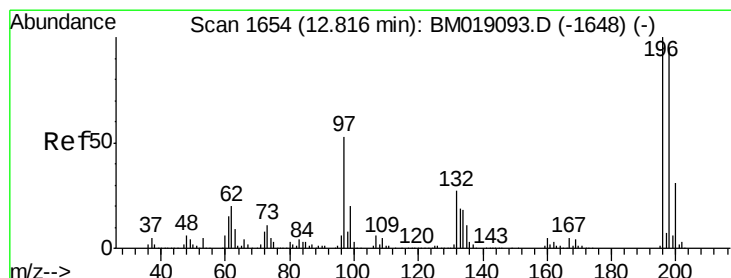
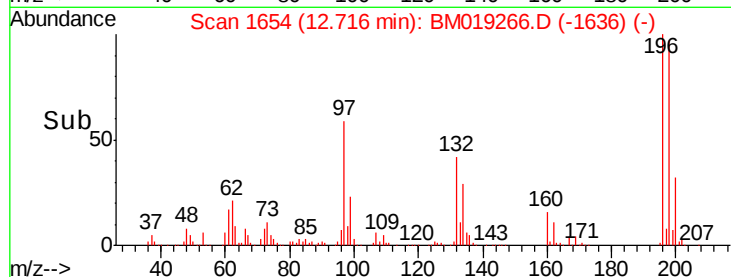
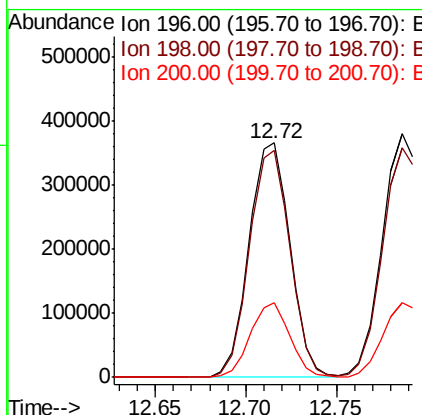
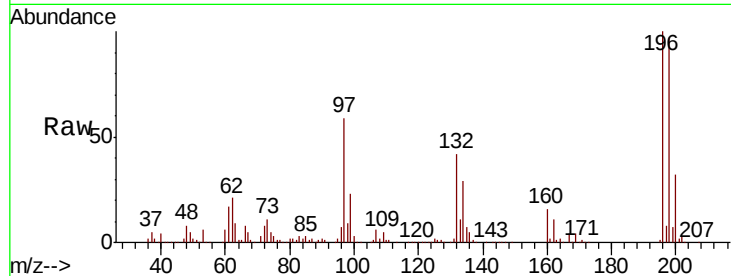
#43  
 2,4,6-Trichlorophenol  
 Concen: 52.997 ng  
 RT: 12.72 min Scan# 1654  
 Delta R.T. 0.01 min  
 Lab File: BM019266.D  
 Acq: 20 Mar 2019 17:44

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-13(13.5-14.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.8  | 76.2  | 114.2 |
| 200     | 31.7  | 23.7  | 35.5  |

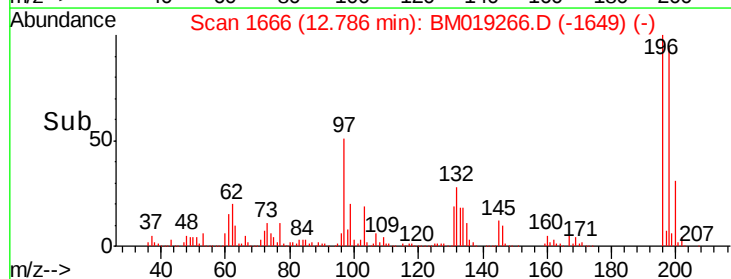
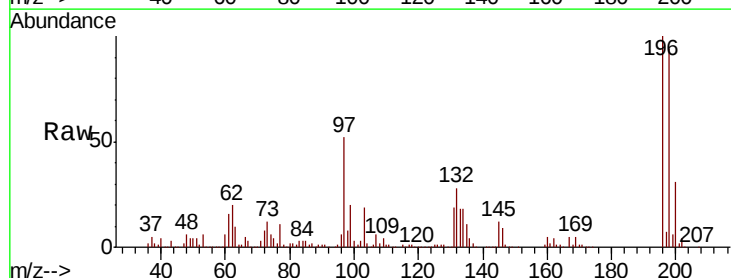
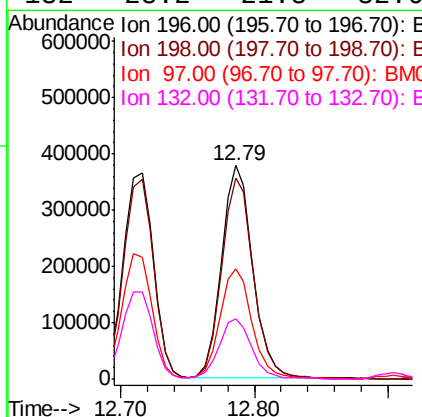
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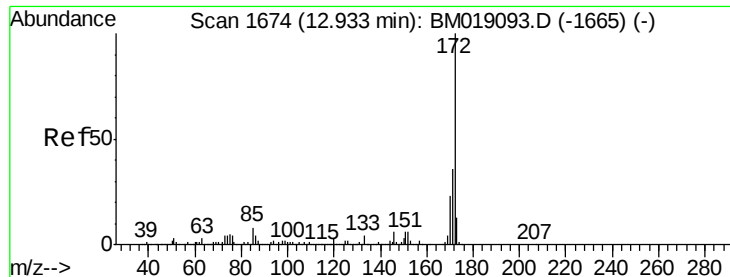
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#44  
 2,4,5-Trichlorophenol  
 Concen: 53.375 ng  
 RT: 12.79 min Scan# 1666  
 Delta R.T. -0.00 min  
 Lab File: BM019266.D  
 Acq: 20 Mar 2019 17:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.3  | 76.3  | 114.5 |
| 97      | 51.7  | 41.5  | 62.3  |
| 132     | 28.2  | 21.8  | 32.6  |





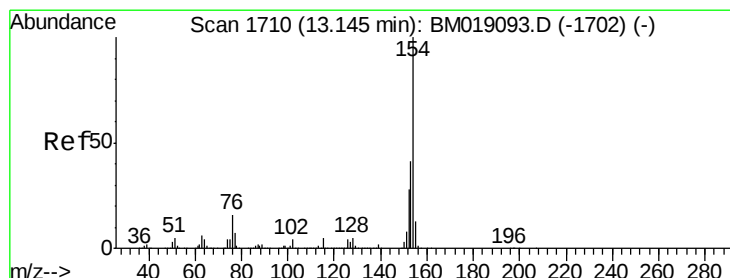
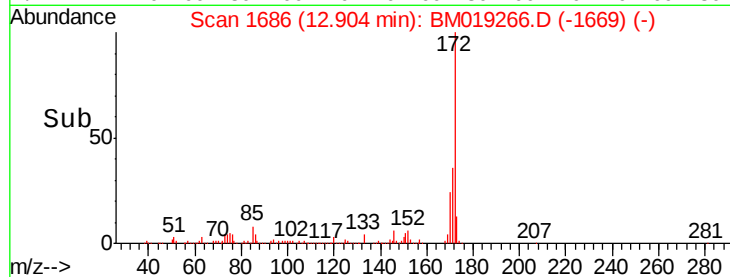
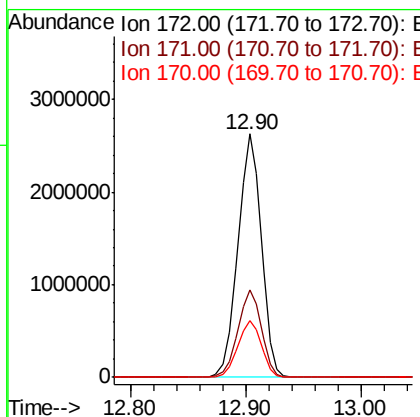
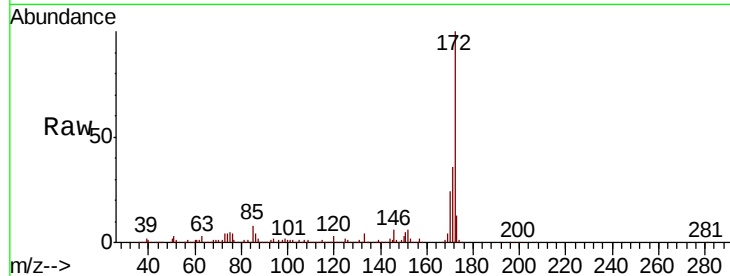
#45  
2-Fluorobiphenyl  
Concen: 90.051 ng  
RT: 12.90 min Scan# 1686  
Delta R.T. -0.00 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

Instrument :  
BNA\_M  
ClientSampleId :  
SB-13(13.5-14.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.1  | 29.0  | 43.4  |
| 170     | 23.5  | 18.9  | 28.3  |

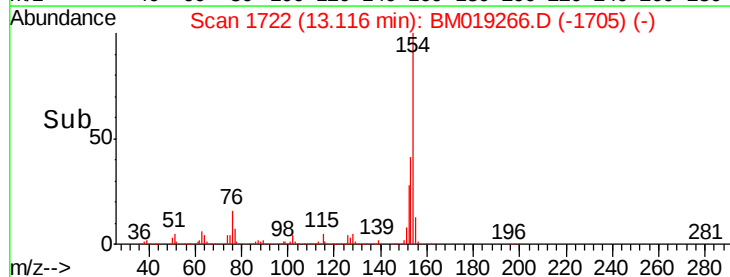
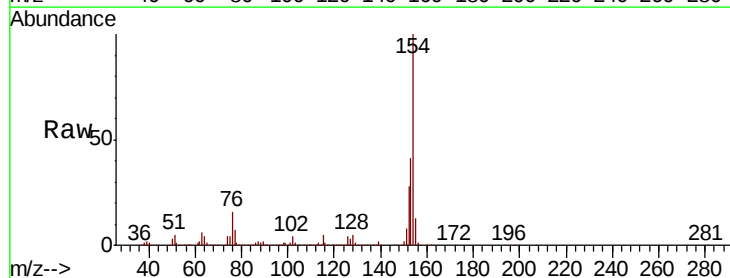
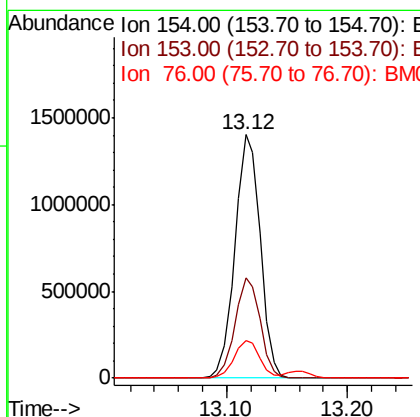
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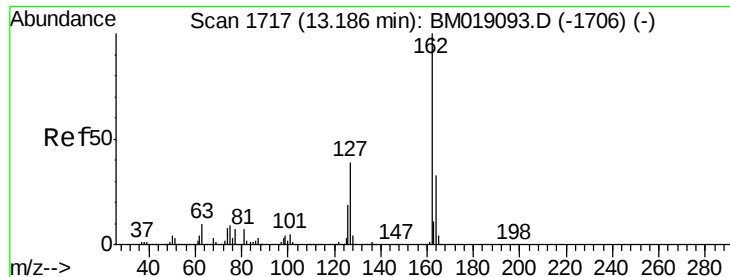
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#46  
1,1'-Biphenyl  
Concen: 44.161 ng  
RT: 13.12 min Scan# 1722  
Delta R.T. -0.00 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.1  | 21.1  | 61.1  |
| 76      | 15.5  | 0.0   | 35.9  |





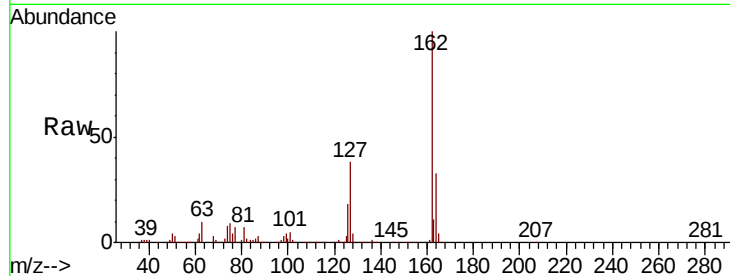
#47  
 2-Chloronaphthalene  
 Concen: 46.025 ng  
 RT: 13.16 min Scan# 1730  
 Delta R.T. -0.00 min  
 Lab File: BM019266.D  
 Acq: 20 Mar 2019 17:44

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-13(13.5-14.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.0  | 30.7  | 46.1  |
| 164     | 33.0  | 26.1  | 39.1  |

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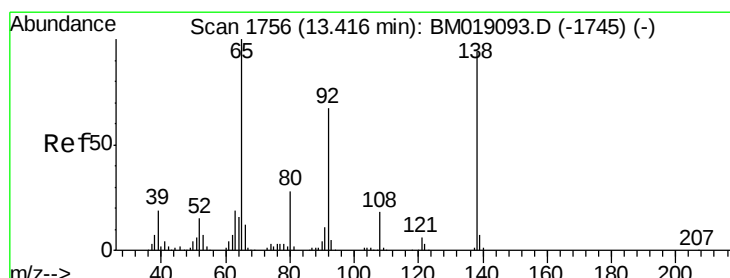
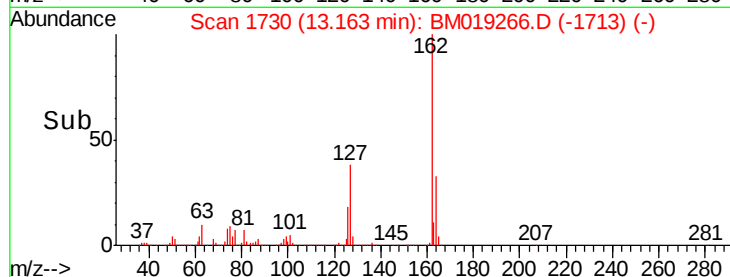
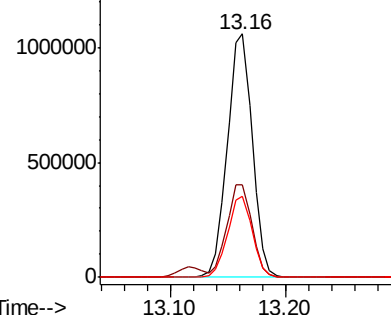


Abundance

Ion 162.00 (161.70 to 162.70): E

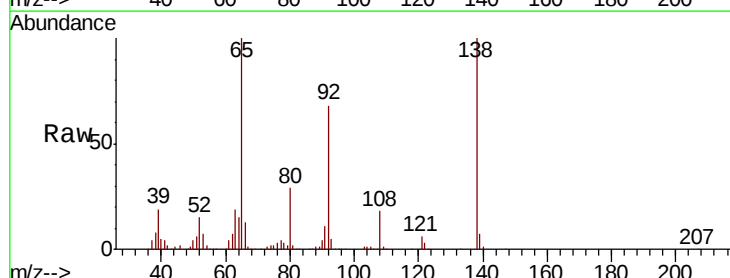
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48  
 2-Nitroaniline  
 Concen: 48.528 ng  
 RT: 13.39 min Scan# 1769  
 Delta R.T. -0.00 min  
 Lab File: BM019266.D  
 Acq: 20 Mar 2019 17:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 68.3  | 54.0  | 81.0  |
| 138     | 99.6  | 78.3  | 117.5 |

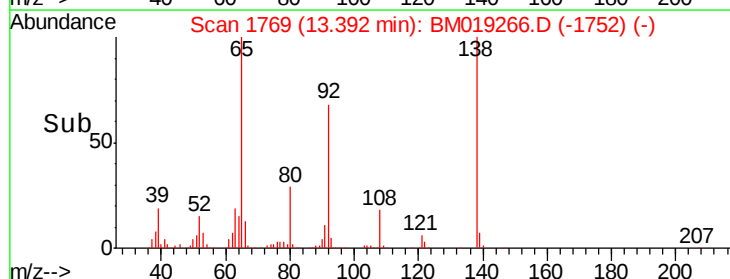
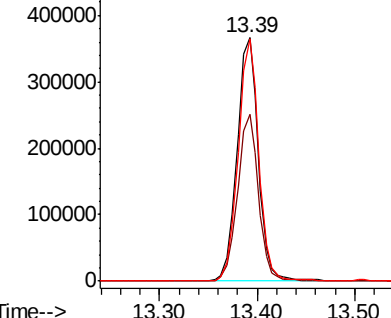


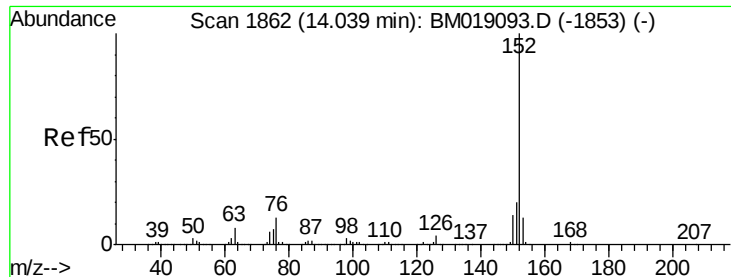
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.069 ng

RT: 14.02 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

Instrument :

BNA\_M

ClientSampleId :

SB-13(13.5-14.5)MS

Tot Ion:152 Resp: 2635193

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

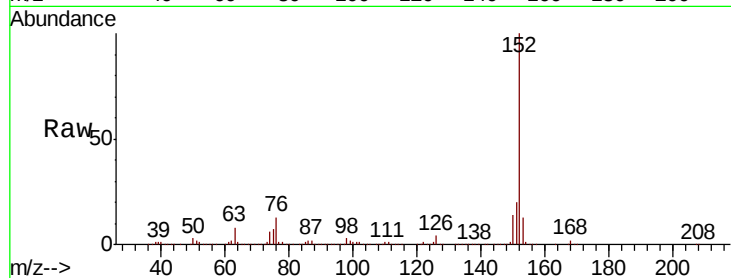
153 13.0 10.2 15.4

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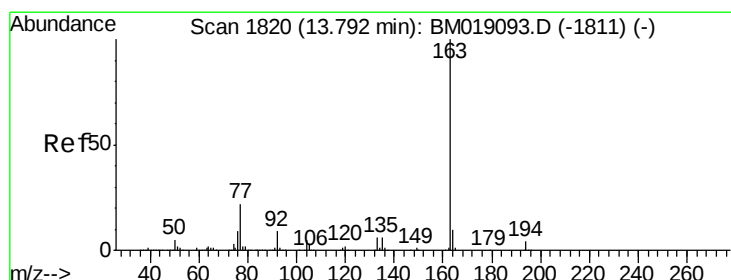
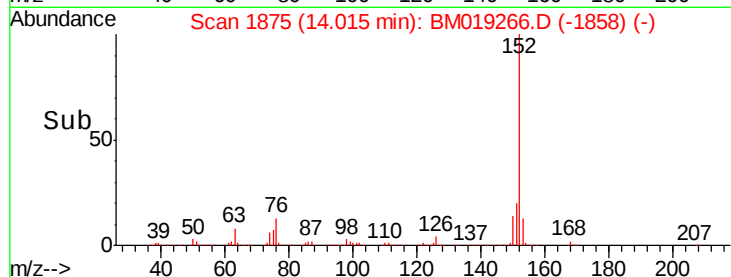
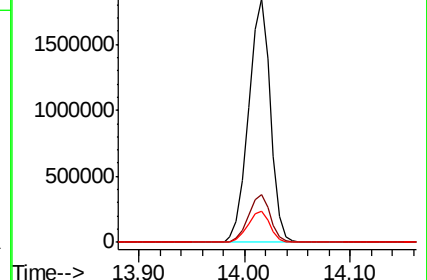
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 53.816 ng

RT: 13.77 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

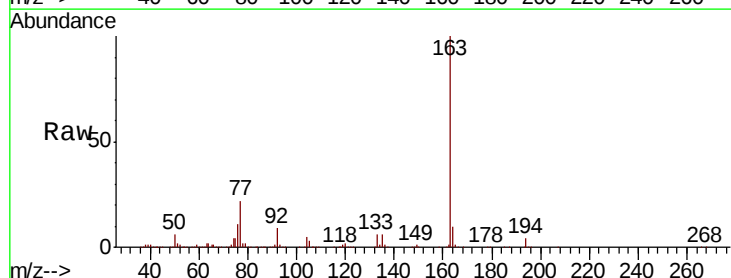
Tgt Ion:163 Resp: 2442146

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

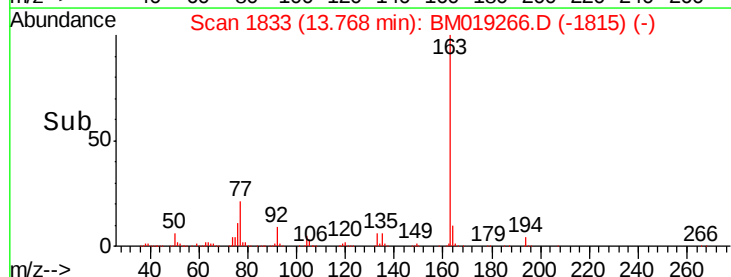
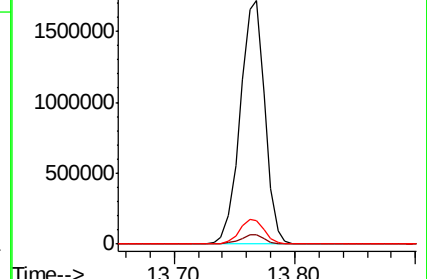
164 9.9 8.2 12.2

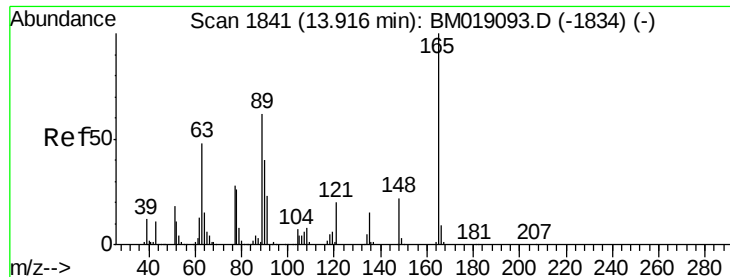


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.138 ng

RT: 13.89 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

Instrument :

BNA\_M

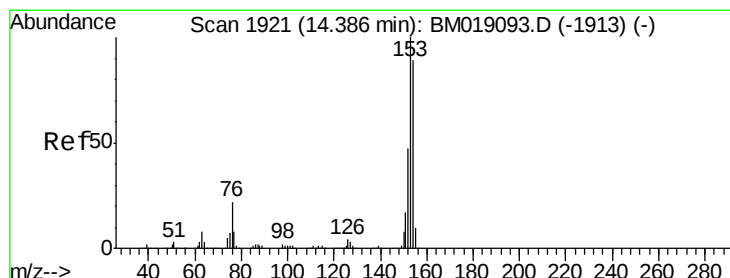
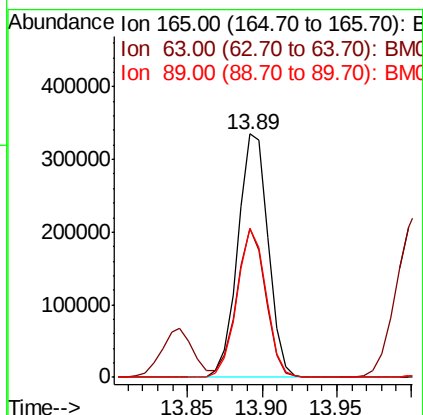
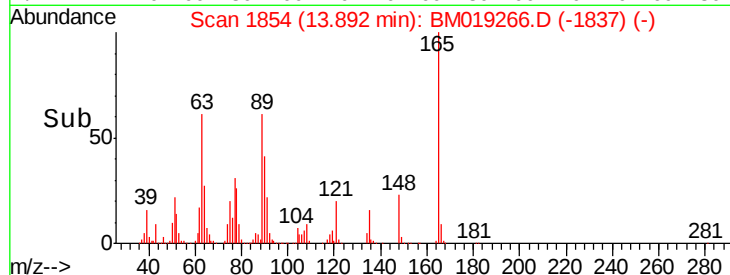
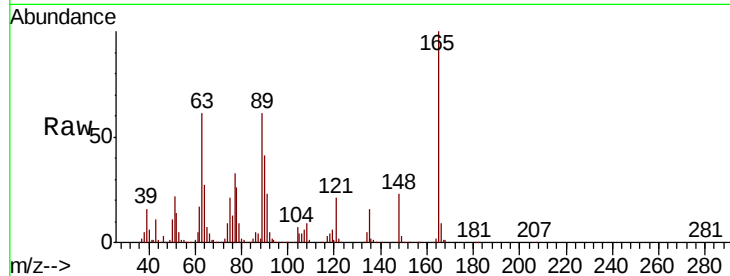
ClientSampleId :

SB-13(13.5-14.5)MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 165   | Resp: | 472220 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 61.0  | 46.7  | 70.1   |
| 89       | 61.3  | 47.7  | 71.5   |

Manual Integrations  
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#52

Acenaphthene

Concen: 45.656 ng

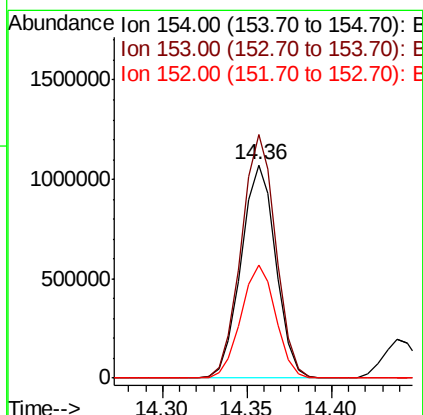
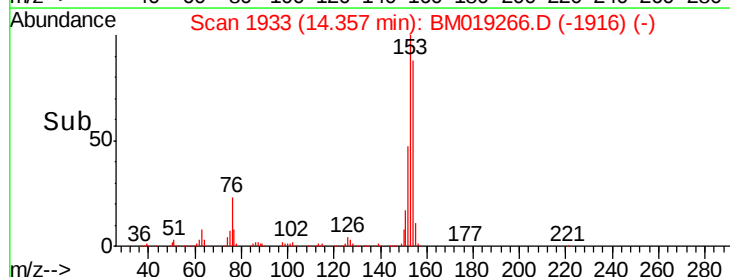
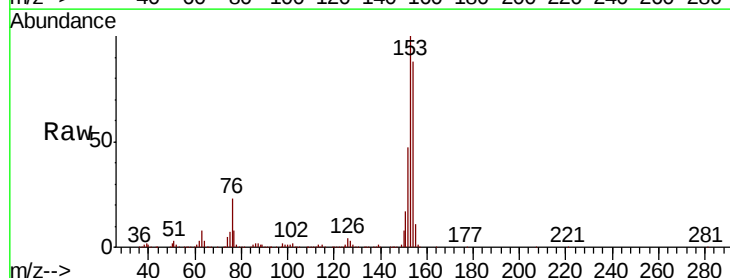
RT: 14.36 min Scan# 1933

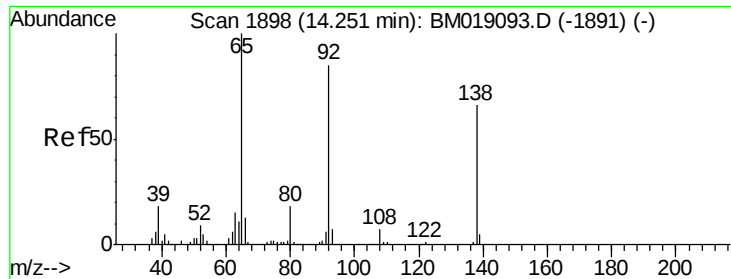
Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 154   | Resp: | 1533923 |
| Ion      | Ratio | Lower | Upper   |
| 154      | 100   |       |         |
| 153      | 114.2 | 91.0  | 136.4   |
| 152      | 53.2  | 42.1  | 63.1    |





#53

3-Nitroaniline

Concen: 28.872 ng

RT: 14.23 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

Instrument :

BNA\_M

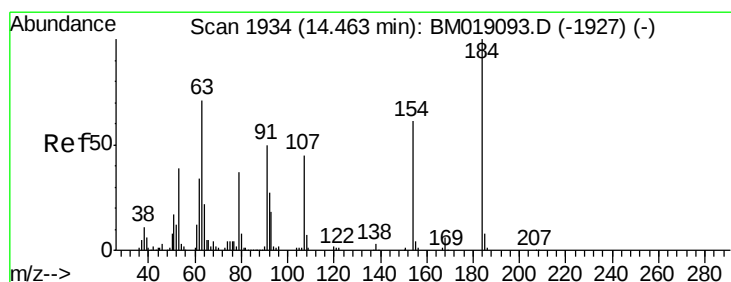
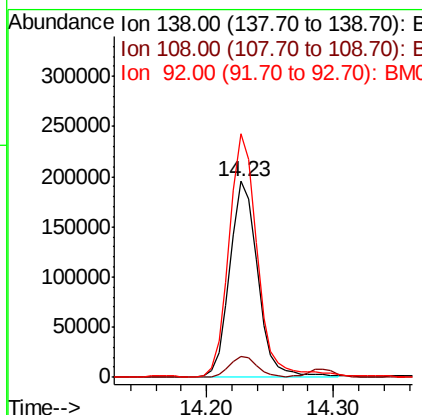
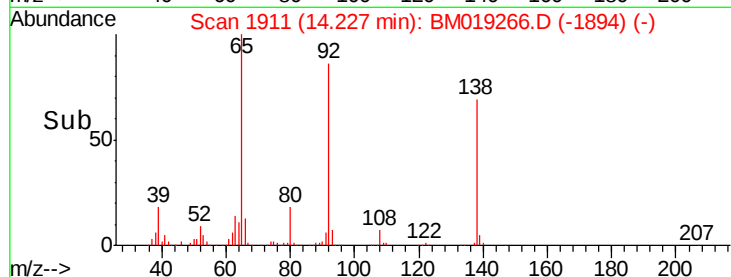
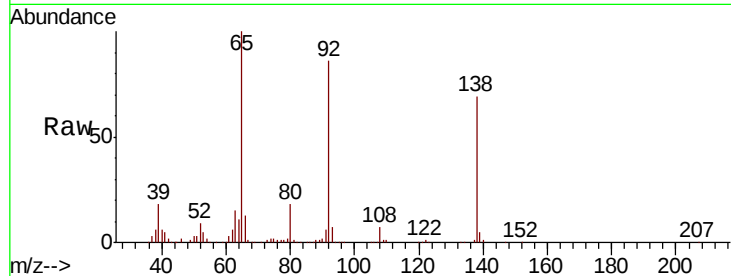
ClientSampleId :

SB-13(13.5-14.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.5  | 8.8   | 13.2  |
| 92      | 124.4 | 100.2 | 150.2 |

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#54

2,4-Dinitrophenol

Concen: 81.957 ng

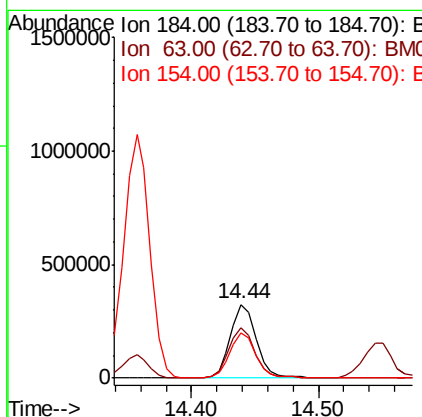
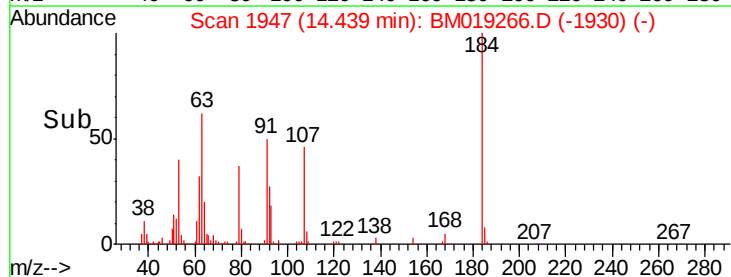
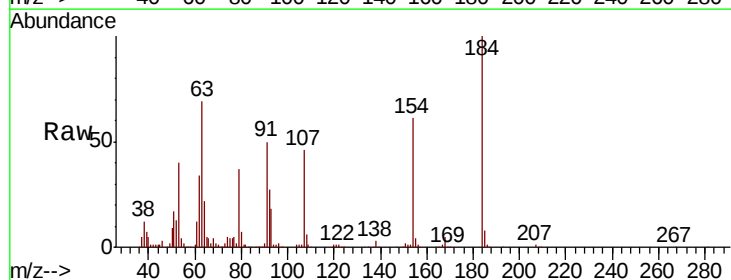
RT: 14.44 min Scan# 1947

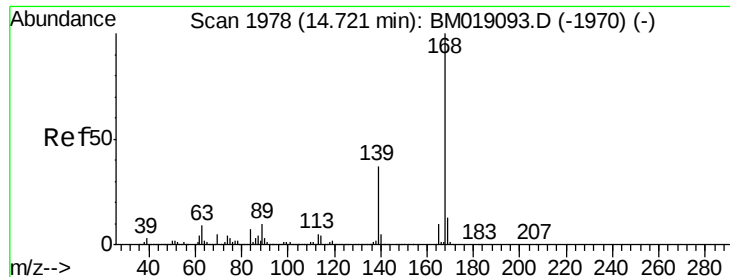
Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 68.7  | 55.7  | 83.5  |
| 154     | 61.1  | 48.6  | 73.0  |





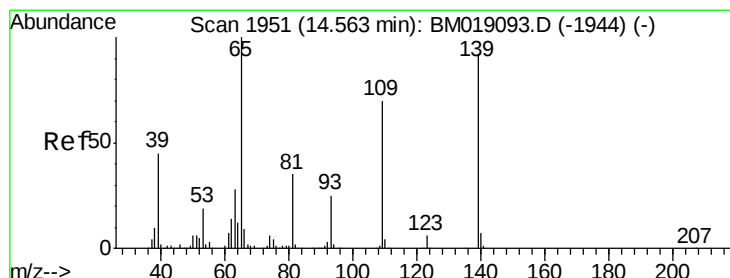
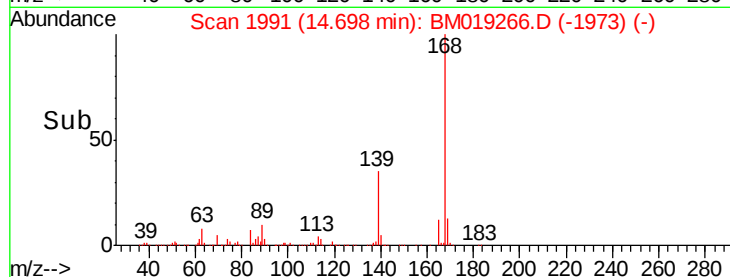
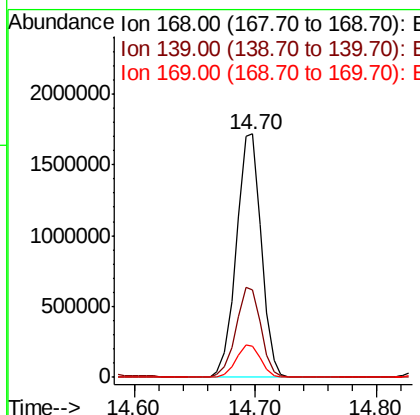
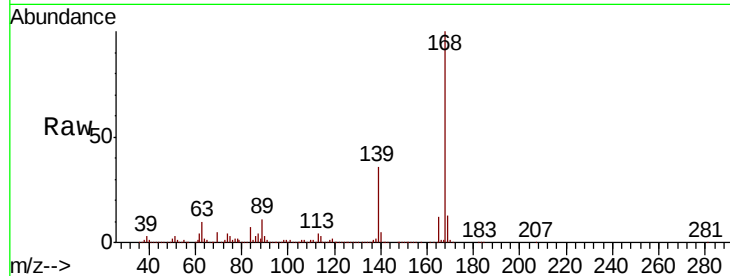
#55  
Dibenzofuran  
Concen: 45.641 ng  
RT: 14.70 min Scan# 1991  
Delta R.T. 0.01 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

Instrument :  
BNA\_M  
ClientSampleId :  
SB-13(13.5-14.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 36.1  | 29.8  | 44.6  |
| 169     | 13.0  | 10.8  | 16.2  |

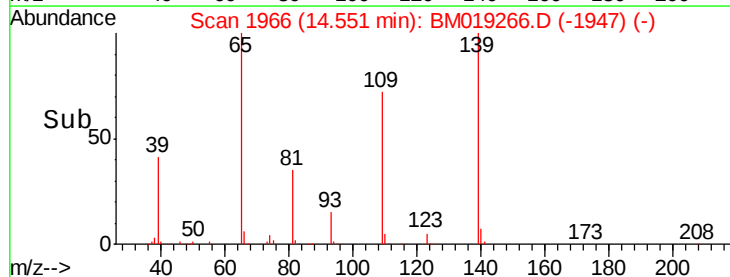
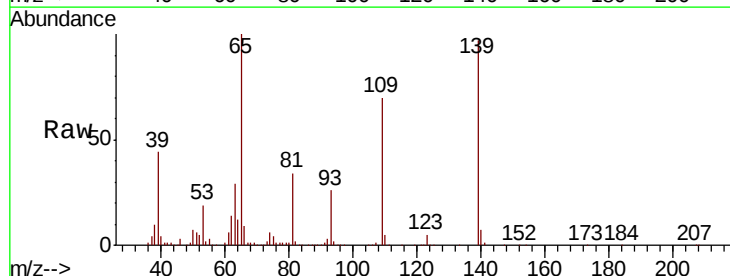
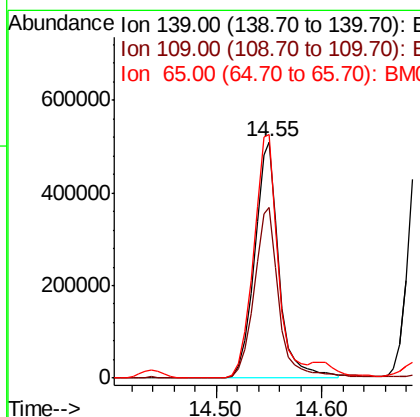
Manual Integrations  
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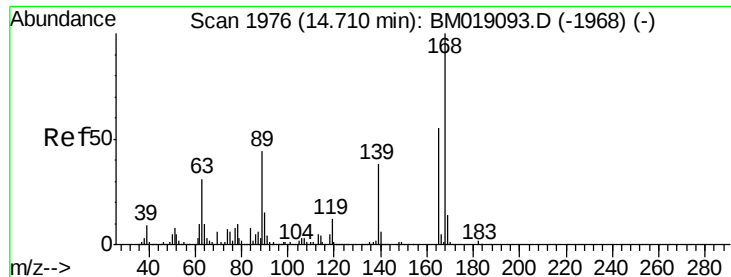
Sohil  
3/22/2019 6:04:46 PM



#56  
4-Nitrophenol  
Concen: 96.761 ng  
RT: 14.55 min Scan# 1966  
Delta R.T. 0.01 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 72.2  | 55.0  | 95.0  |
| 65      | 103.2 | 87.8  | 127.8 |





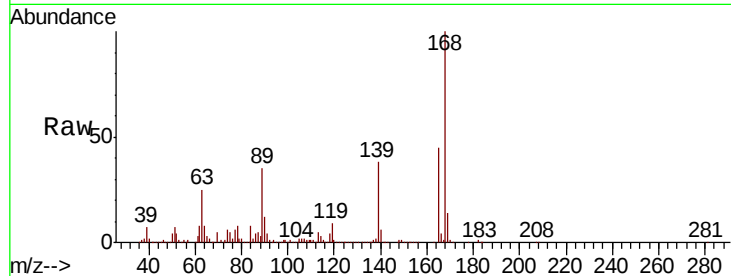
#57  
2,4-Dinitrotoluene  
Concen: 47.124 ng  
RT: 14.69 min Scan# 1989  
Delta R.T. -0.00 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

Instrument :  
BNA\_M  
ClientSampleId :  
SB-13(13.5-14.5)MS

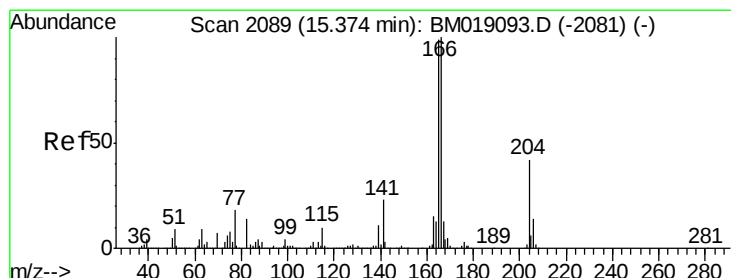
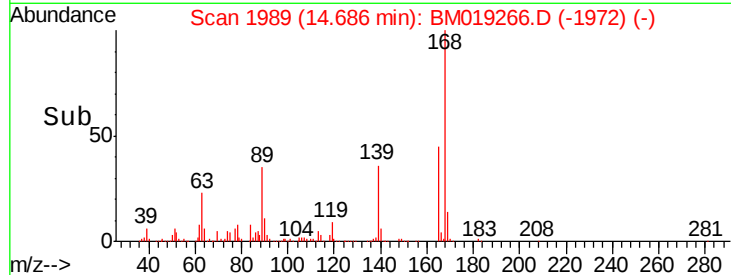
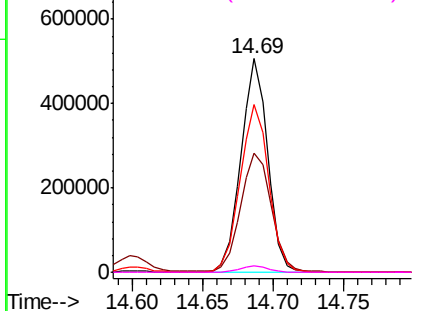
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 55.8  | 47.2  | 70.8  |
| 89      | 78.6  | 65.5  | 98.3  |
| 182     | 2.8   | 2.2   | 3.4   |

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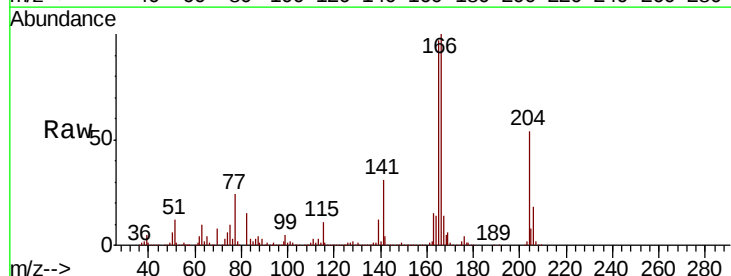


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BM  
Ion 89.00 (88.70 to 89.70): BM  
Ion 182.00 (181.70 to 182.70): E

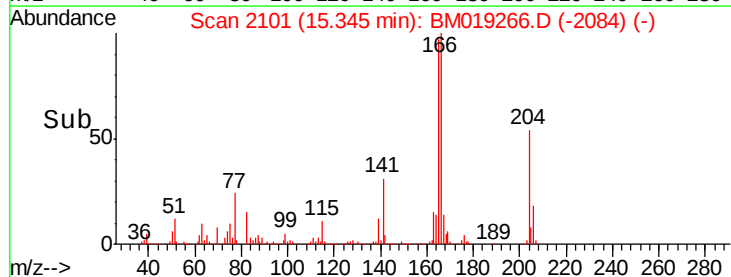
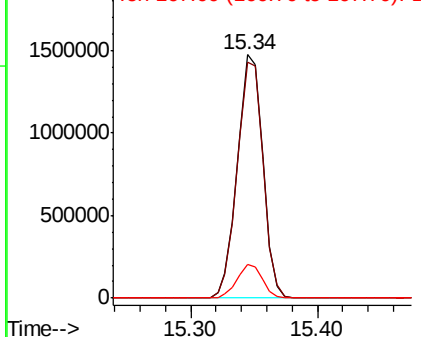


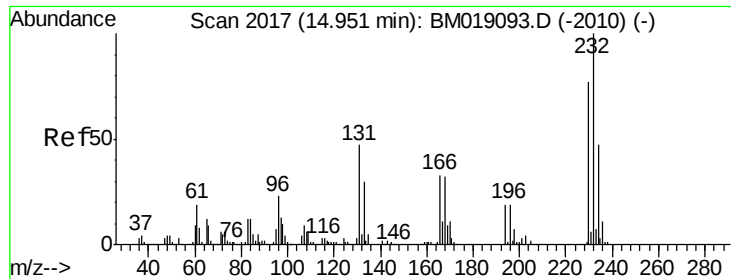
#58  
Fluorene  
Concen: 45.893 ng  
RT: 15.34 min Scan# 2101  
Delta R.T. -0.00 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 97.0  | 78.6  | 118.0 |
| 167     | 13.6  | 10.7  | 16.1  |



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





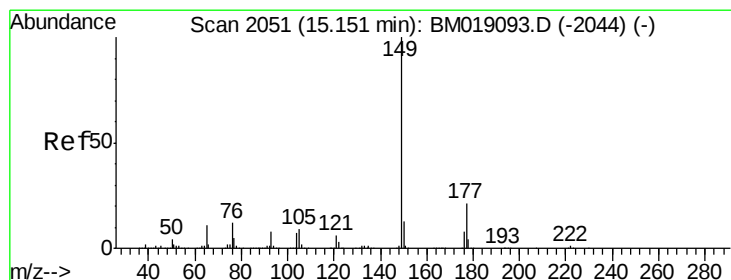
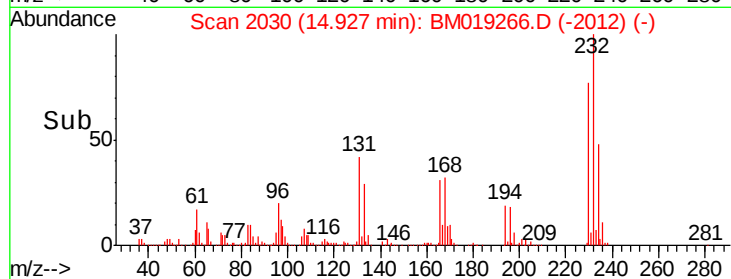
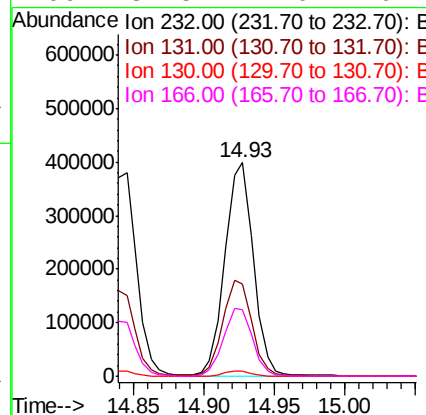
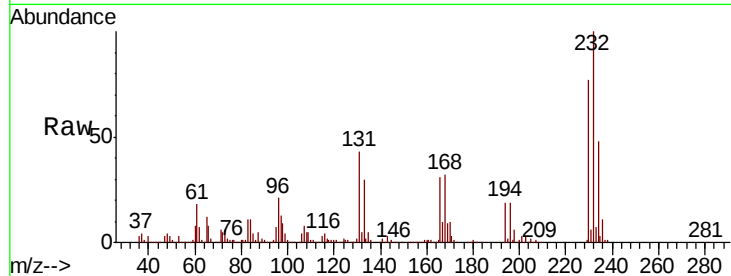
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 51.512 ng  
 RT: 14.93 min Scan# 2030  
 Delta R.T. 0.01 min  
 Lab File: BM019266.D  
 Acq: 20 Mar 2019 17:44

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-13(13.5-14.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 45.9  | 37.2  | 55.8  |
| 130     | 2.5   | 2.0   | 3.0   |
| 166     | 32.5  | 27.0  | 40.4  |

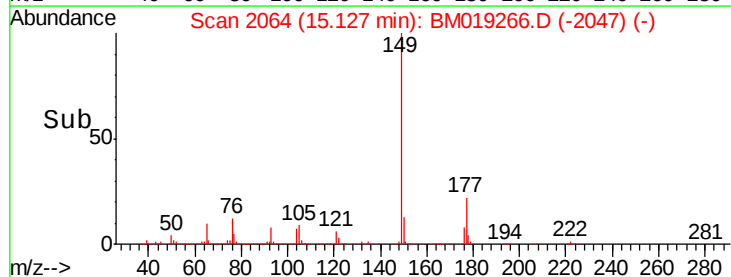
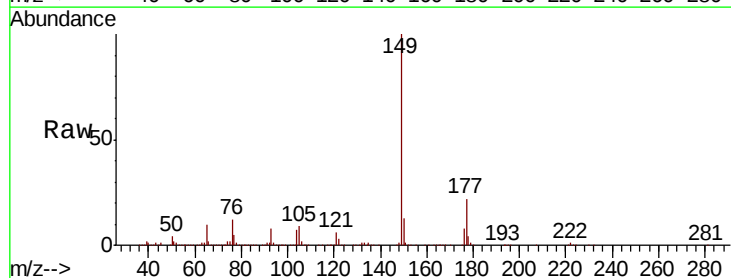
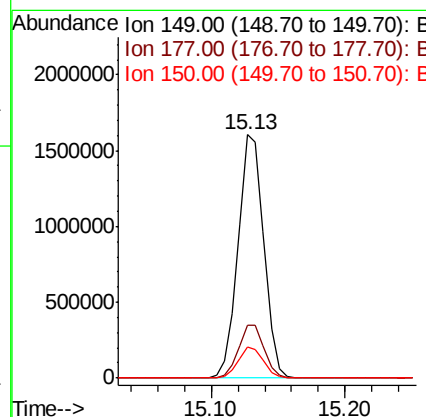
Manual Integrations  
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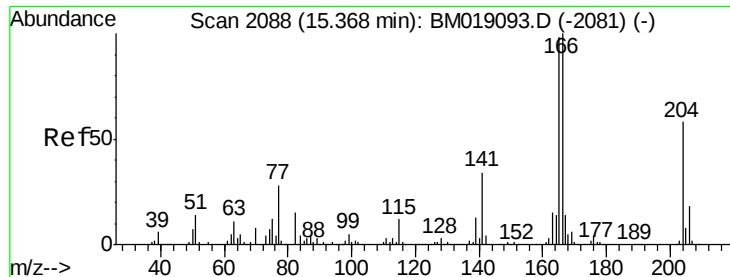
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#60  
 Diethylphthalate  
 Concen: 46.856 ng  
 RT: 15.13 min Scan# 2064  
 Delta R.T. -0.00 min  
 Lab File: BM019266.D  
 Acq: 20 Mar 2019 17:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.5  | 17.4  | 26.0  |
| 150     | 12.6  | 10.1  | 15.1  |





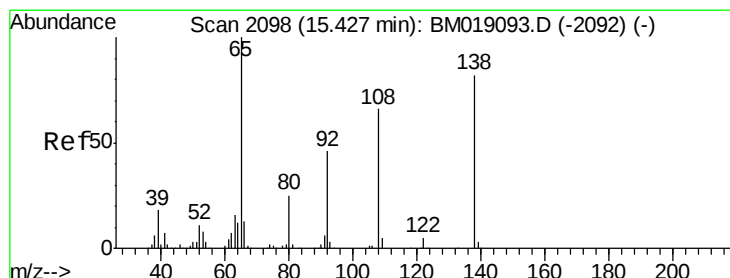
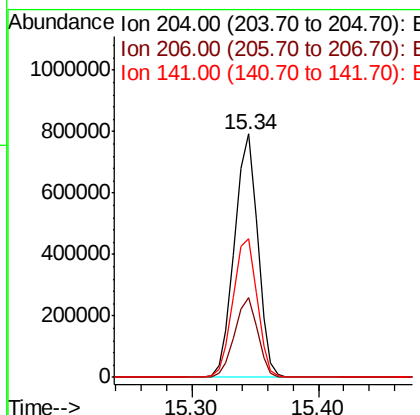
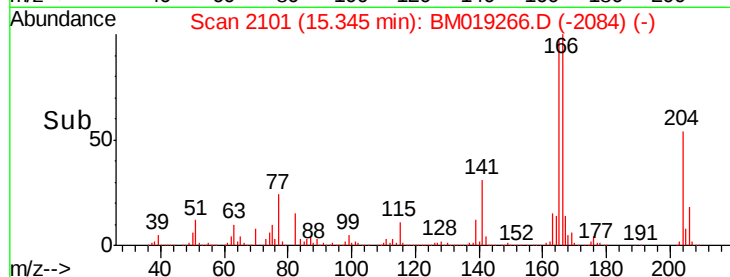
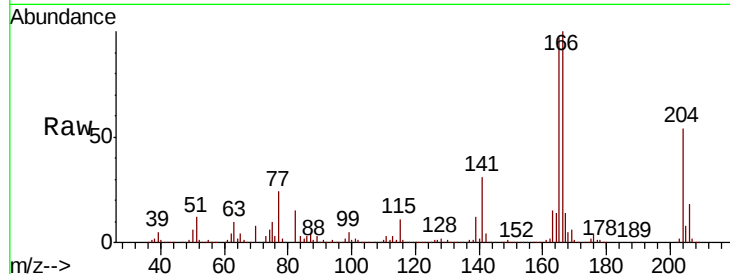
#61  
4-Chlorophenyl-phenylether  
Concen: 46.173 ng  
RT: 15.34 min Scan# 2101  
Delta R.T. -0.00 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

Instrument :  
BNA\_M  
ClientSampleId :  
SB-13(13.5-14.5)MS

Tot Ion:204 Resp: 1001547  
Ion Ratio Lower Upper  
204 100  
206 32.8 26.0 39.0  
141 57.1 45.8 68.8

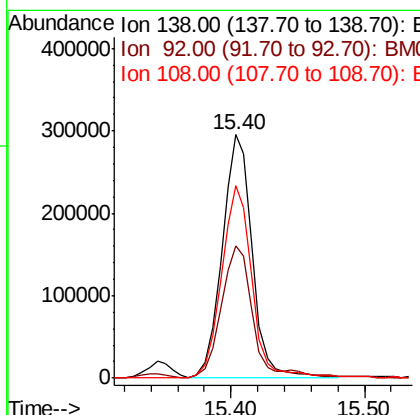
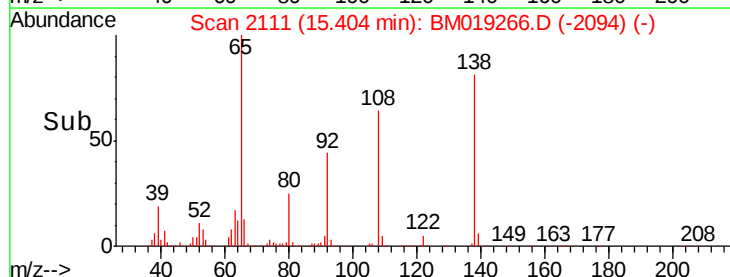
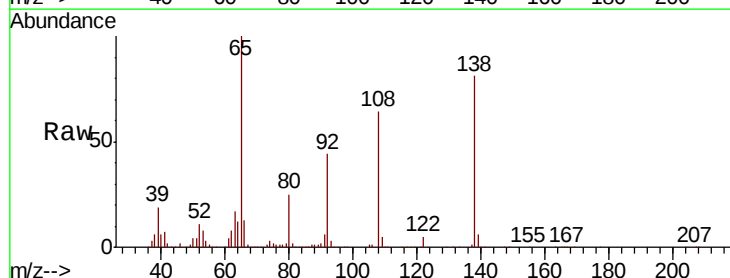
Manual Integrations  
APPROVED

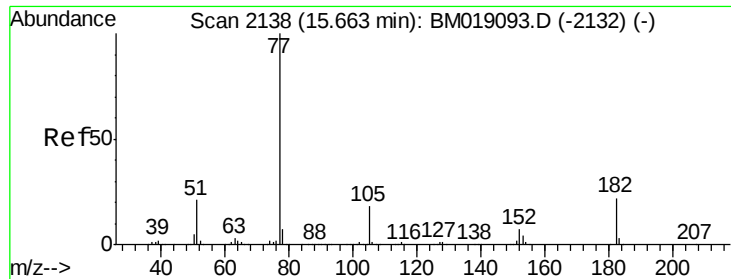
Sohil  
3/22/2019 6:04:46 PM



#62  
4-Nitroaniline  
Concen: 44.056 ng  
RT: 15.40 min Scan# 2111  
Delta R.T. -0.00 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

Tgt Ion:138 Resp: 461291  
Ion Ratio Lower Upper  
138 100  
92 54.5 34.8 74.8  
108 79.0 58.9 98.9





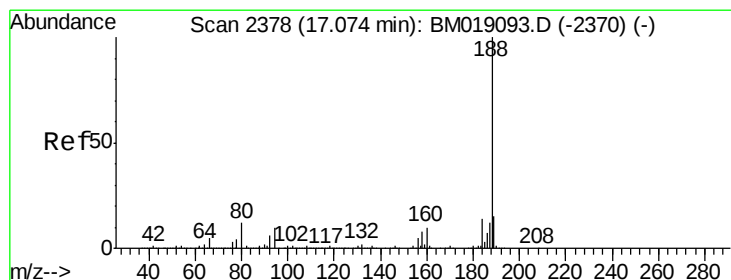
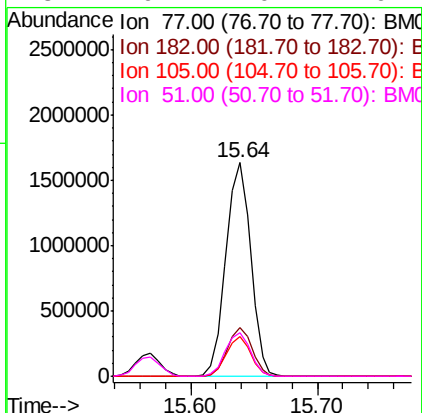
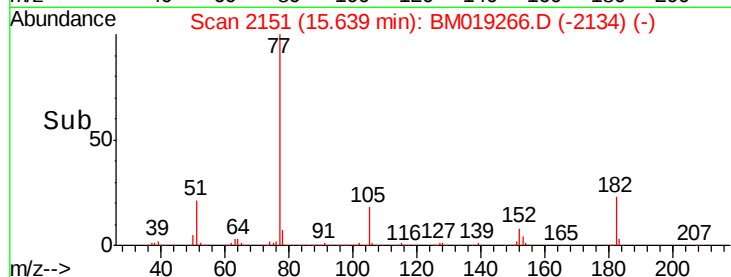
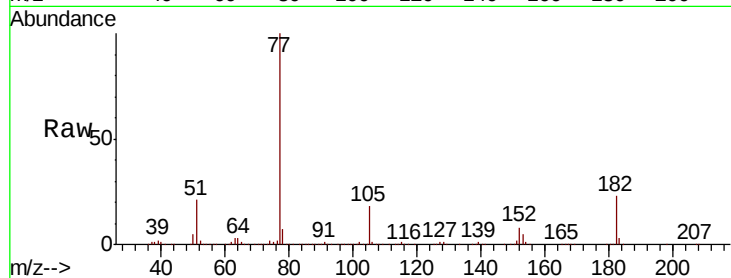
#63  
Azobenzene  
Concen: 45.758 ng  
RT: 15.64 min Scan# 2151  
Delta R.T. -0.00 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

Instrument :  
BNA\_M  
ClientSampleId :  
SB-13(13.5-14.5)MS

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 77    | Resp: | 2212966 |
| Ion      | Ratio | Lower | Upper   |
| 77       | 100   |       |         |
| 182      | 22.5  | 2.7   | 42.7    |
| 105      | 18.3  | 0.0   | 38.1    |
| 51       | 20.7  | 0.7   | 40.7    |

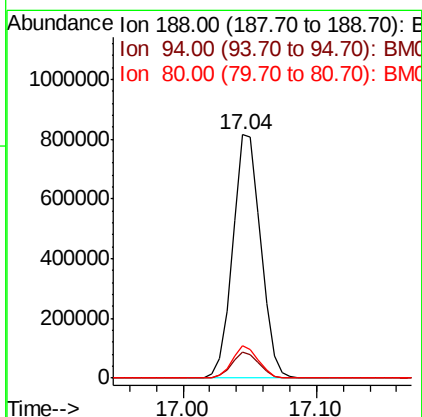
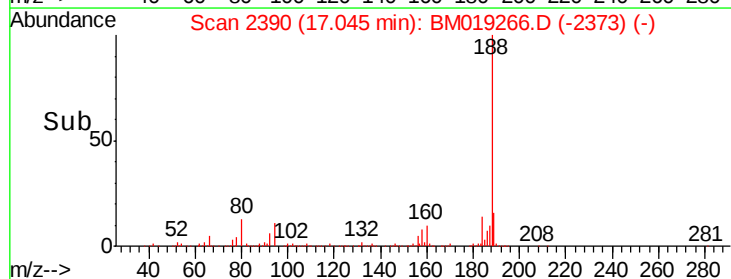
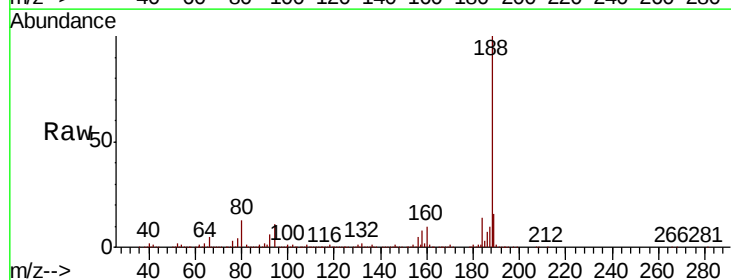
Manual Integrations  
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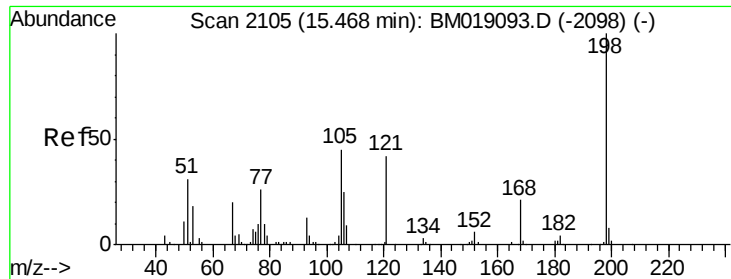
Sohil  
3/22/2019 6:04:46 PM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.04 min Scan# 2390  
Delta R.T. -0.00 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 188   | Resp: | 1187669 |
| Ion      | Ratio | Lower | Upper   |
| 188      | 100   |       |         |
| 94       | 10.6  | 8.7   | 13.1    |
| 80       | 13.4  | 9.8   | 14.8    |





#65

4,6-Dinitro-2-methylphenol

Concen: 44.520 ng

RT: 15.45 min Scan# 2119

Delta R.T. 0.01 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

Instrument :

BNA\_M

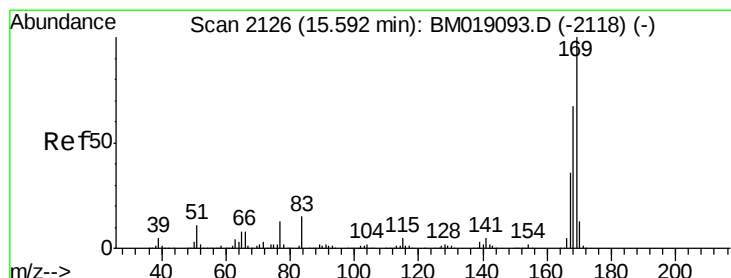
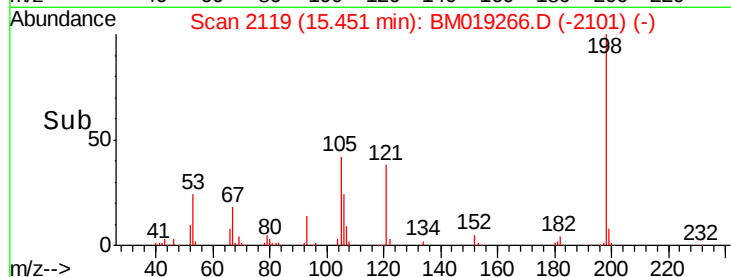
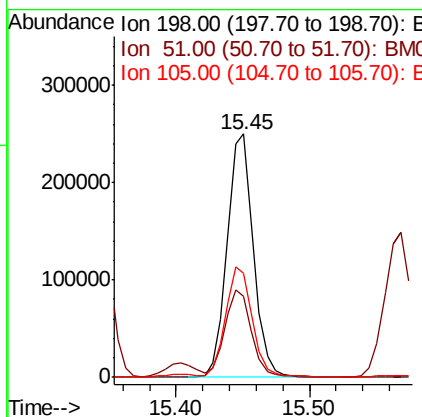
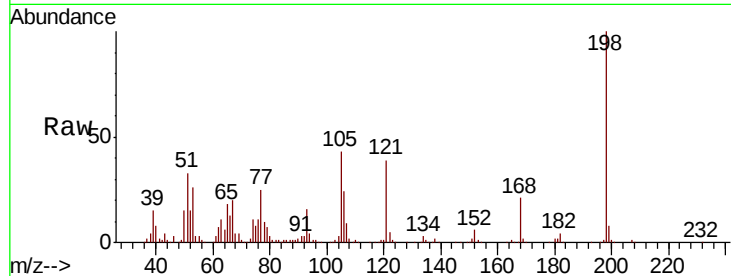
ClientSampleId :

SB-13(13.5-14.5)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 198   | Resp: | 346490 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 33.1  | 16.1  | 56.1   |
| 105       | 42.8  | 25.1  | 65.1   |

Manual Integrations  
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#66

n-Nitrosodiphenylamine

Concen: 47.184 ng

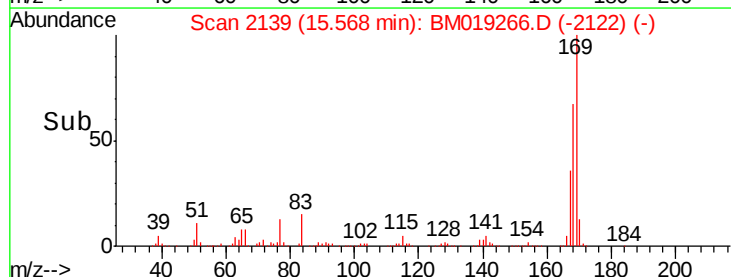
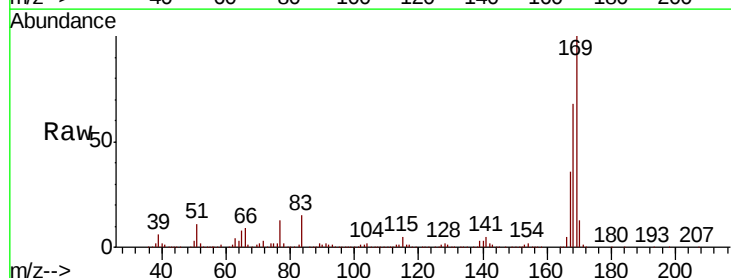
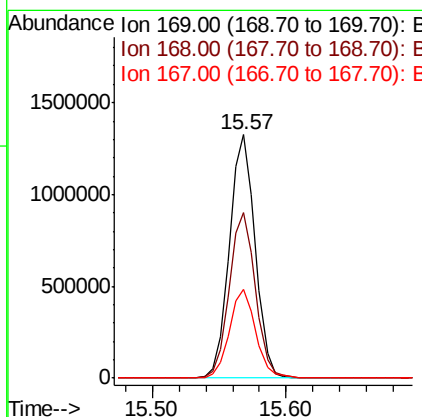
RT: 15.57 min Scan# 2139

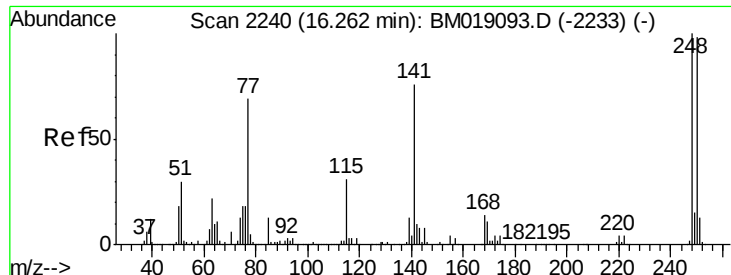
Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 169   | Resp: | 1784097 |
| Ion Ratio | Lower | Upper |         |
| 169       | 100   |       |         |
| 168       | 67.9  | 55.0  | 82.4    |
| 167       | 36.2  | 29.1  | 43.7    |





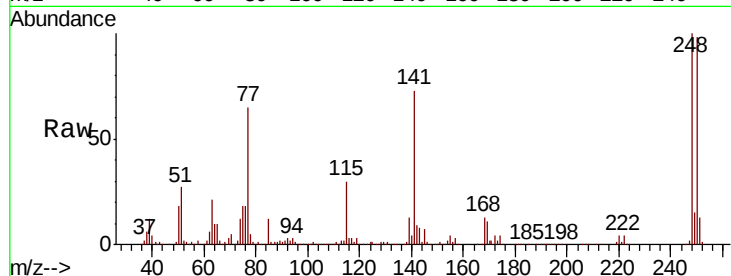
#67  
4-Bromophenyl-phenylether  
Concen: 46.597 ng  
RT: 16.24 min Scan# 2253  
Delta R.T. -0.00 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

Instrument :  
BNA\_M  
ClientSampleId :  
SB-13(13.5-14.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.2  | 78.2  | 117.2 |
| 141     | 73.0  | 57.2  | 85.8  |

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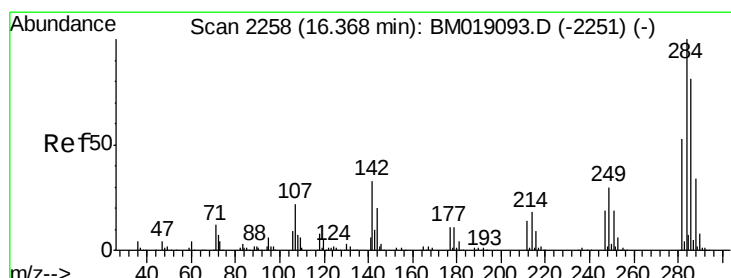
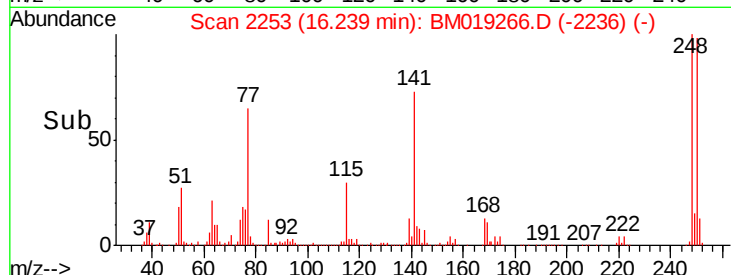
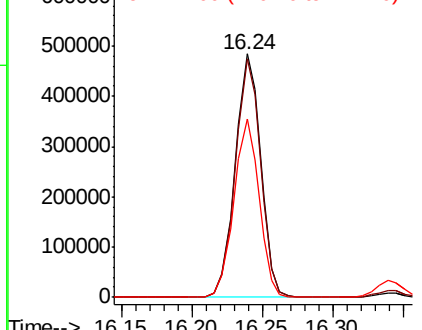


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 46.315 ng  
RT: 16.34 min Scan# 2270  
Delta R.T. -0.00 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

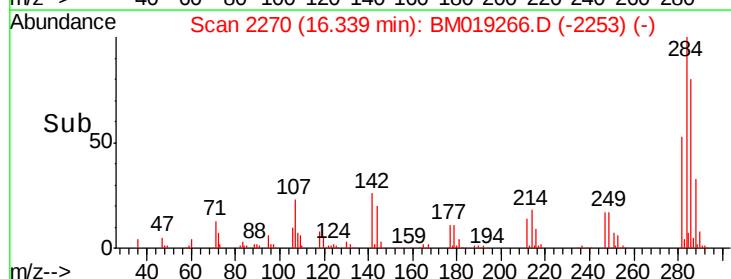
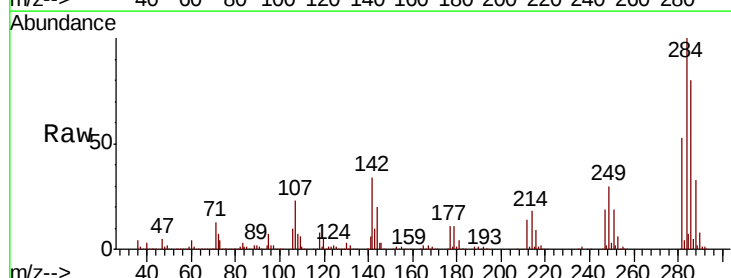
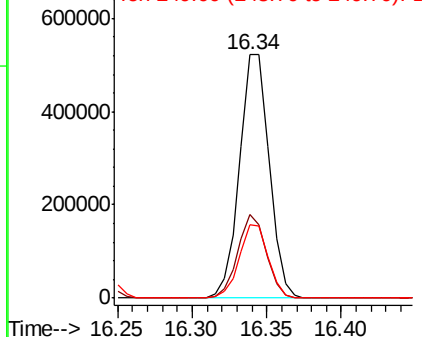
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 34.4  | 27.9  | 41.9  |
| 249     | 30.3  | 23.5  | 35.3  |

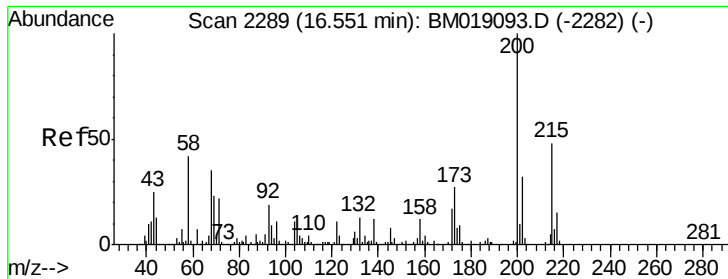
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





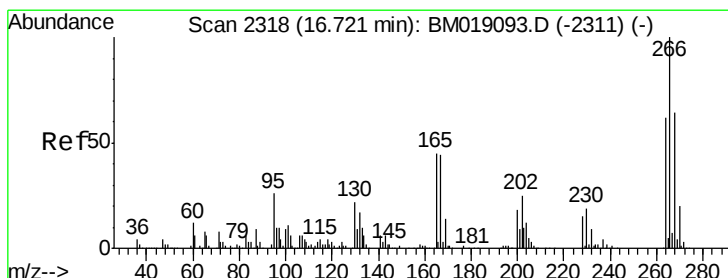
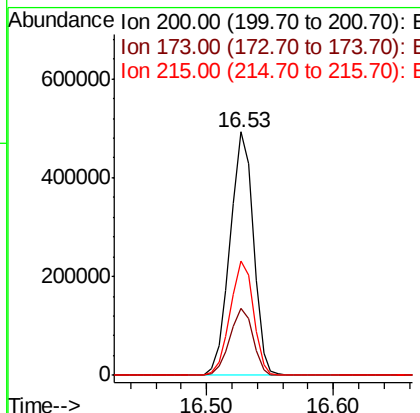
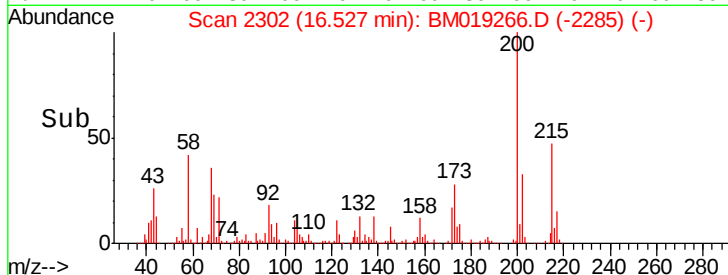
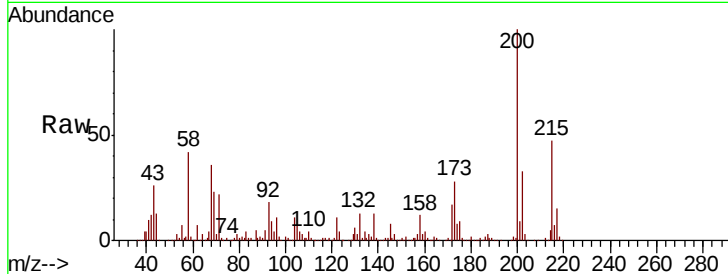
#69  
Atrazine  
Concen: 49.089 ng  
RT: 16.53 min Scan# 2302  
Delta R.T. -0.00 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

Instrument :  
BNA\_M  
ClientSampleId :  
SB-13(13.5-14.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 27.6  | 6.8   | 46.8  |
| 215     | 46.9  | 26.4  | 66.4  |

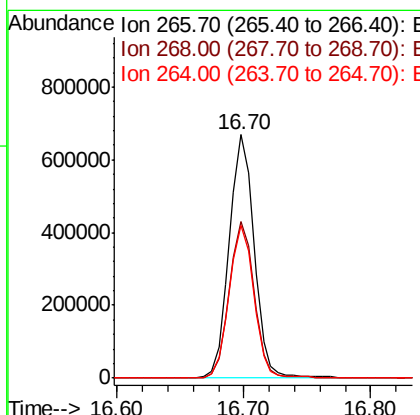
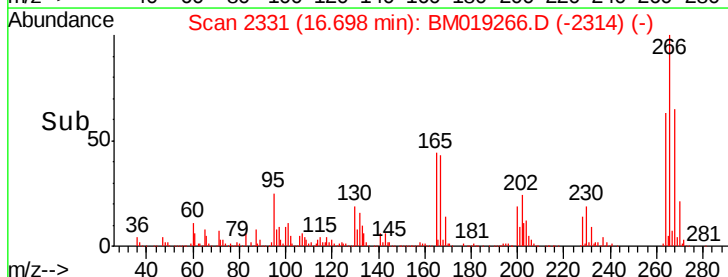
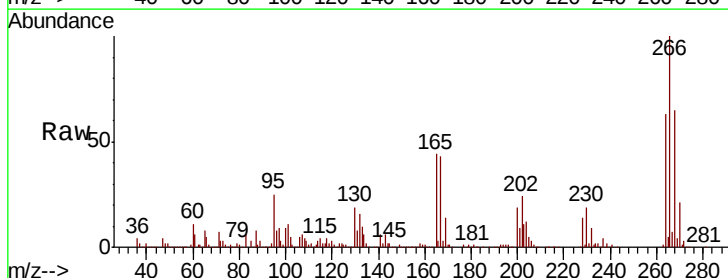
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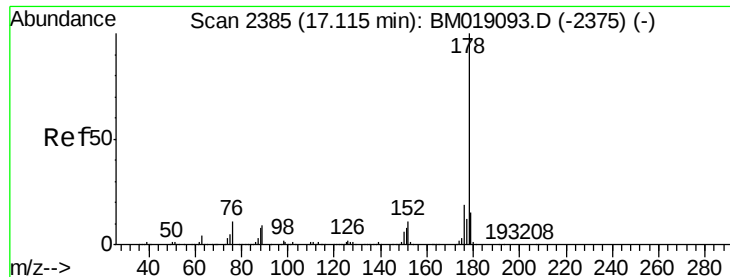
Sohil  
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#70  
Pentachlorophenol  
Concen: 97.041 ng  
RT: 16.70 min Scan# 2331  
Delta R.T. -0.00 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.5  | 52.0  | 78.0  |
| 264     | 63.0  | 50.6  | 76.0  |





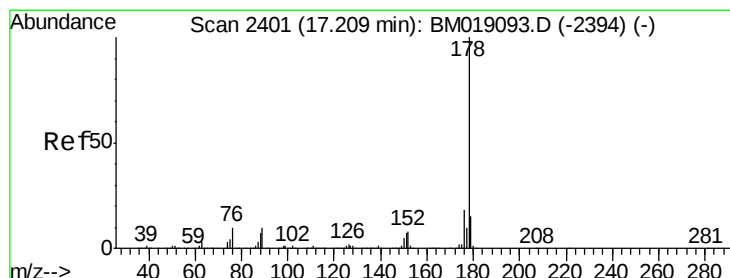
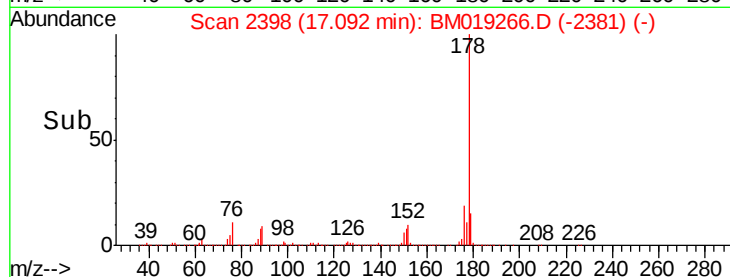
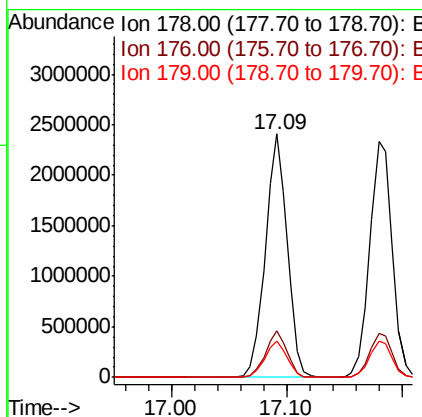
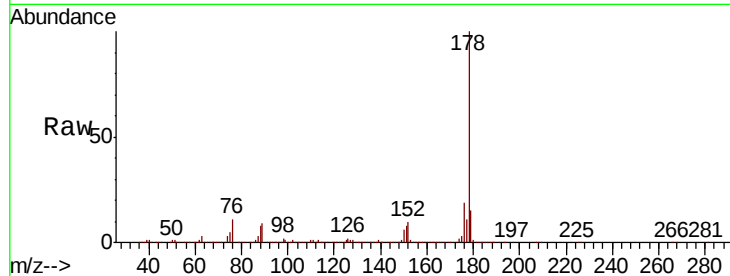
#71  
Phenanthrene  
Concen: 45.634 ng  
RT: 17.09 min Scan# 2398  
Delta R.T. -0.00 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

Instrument :  
BNA\_M  
ClientSampleId :  
SB-13(13.5-14.5)MS

Tot Ion:178 Resp: 3176711  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.2 22.8  
179 15.0 12.2 18.4

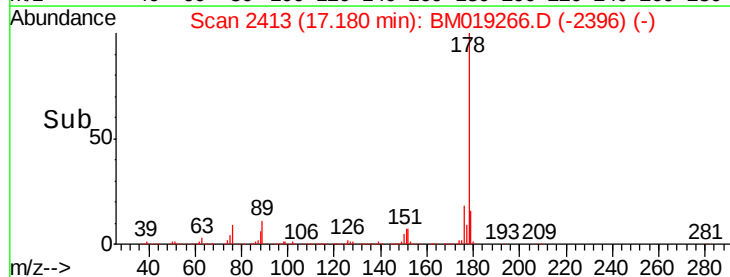
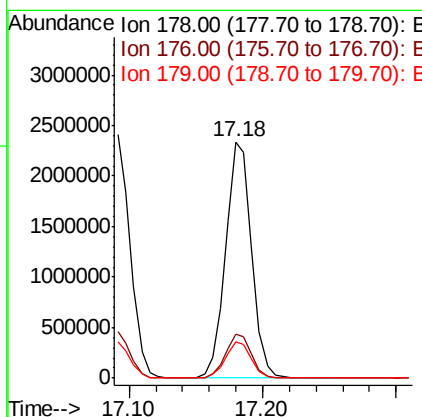
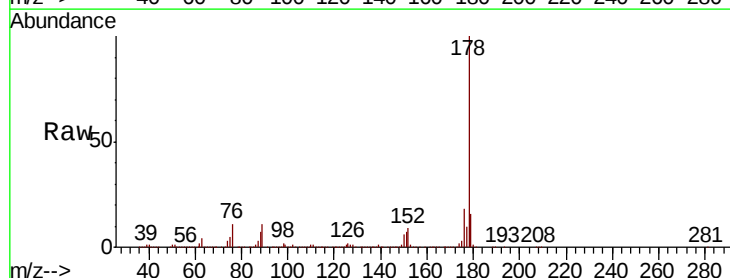
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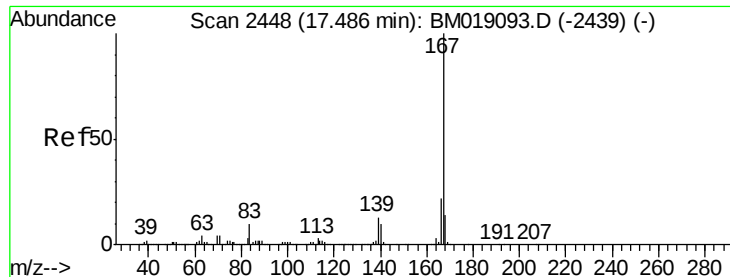
Sohil  
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#72  
Anthracene  
Concen: 46.770 ng  
RT: 17.18 min Scan# 2413  
Delta R.T. -0.00 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

Tgt Ion:178 Resp: 3187335  
Ion Ratio Lower Upper  
178 100  
176 18.5 14.6 21.8  
179 15.5 12.2 18.2





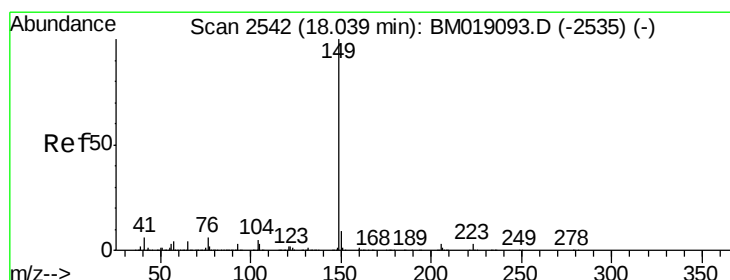
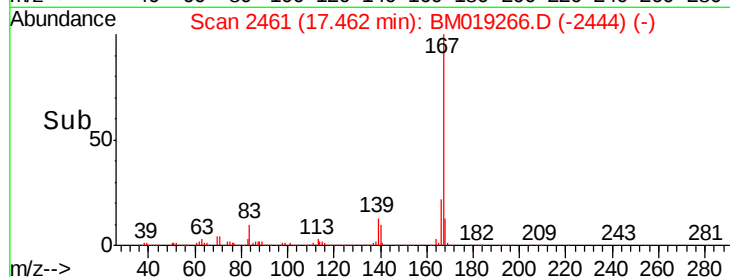
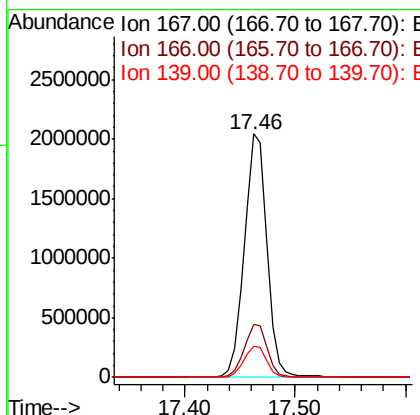
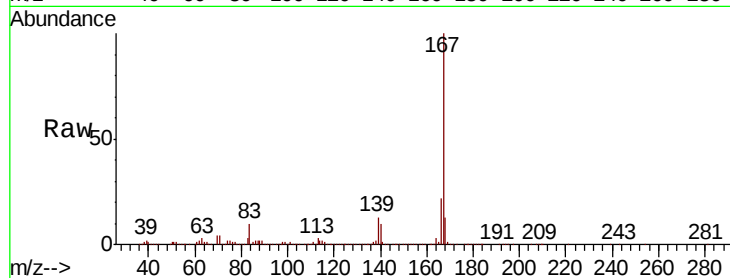
#73  
 Carbazole  
 Concen: 45.789 ng  
 RT: 17.46 min Scan# 2461  
 Delta R.T. -0.00 min  
 Lab File: BM019266.D  
 Acq: 20 Mar 2019 17:44

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-13(13.5-14.5)MS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 167     | 100  |       |       |       |
| 166     | 21.9 | 17.4  | 26.0  |       |
| 139     | 12.7 | 10.3  | 15.5  |       |

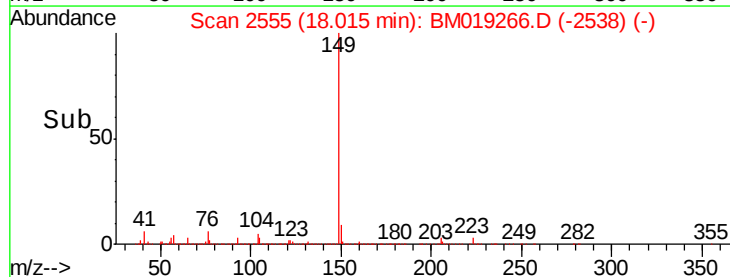
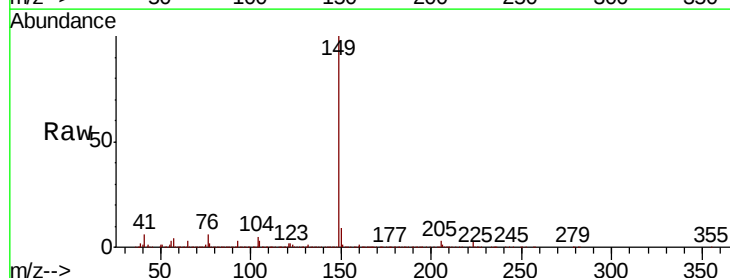
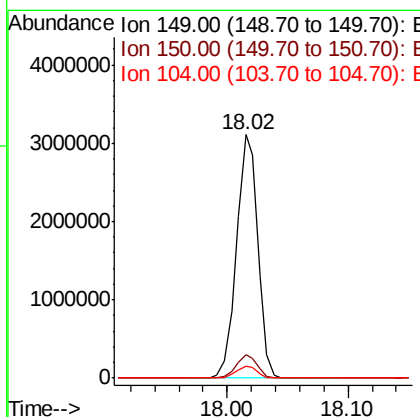
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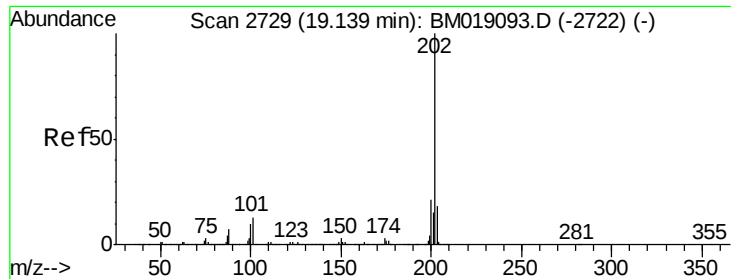
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#74  
 Di-n-butylphthalate  
 Concen: 48.938 ng  
 RT: 18.02 min Scan# 2555  
 Delta R.T. -0.00 min  
 Lab File: BM019266.D  
 Acq: 20 Mar 2019 17:44

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 149     | 100 |       |       |       |
| 150     | 9.4 | 7.3   | 10.9  |       |
| 104     | 5.2 | 4.1   | 6.1   |       |





#75

Fluoranthene

Concen: 43.455 ng

RT: 19.12 min Scan# 2742

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

Instrument :

BNA\_M

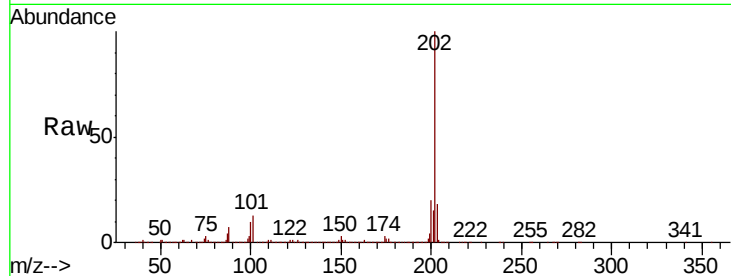
ClientSampleId :

SB-13(13.5-14.5)MS

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 3471142 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 101      | 13.0  | 0.0   | 32.8    |
| 203      | 17.8  | 0.0   | 37.3    |

Manual Integrations  
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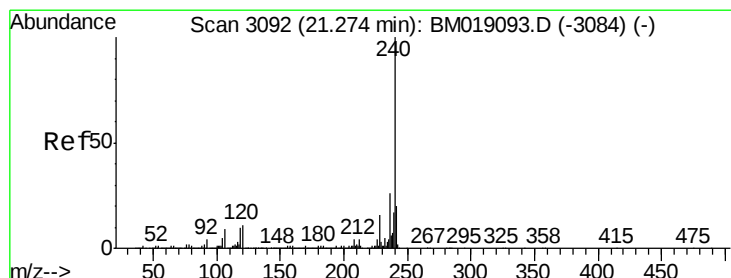
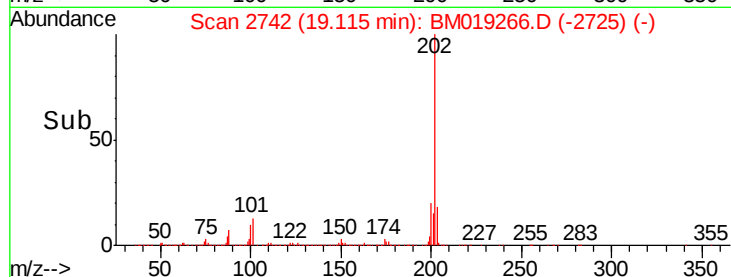
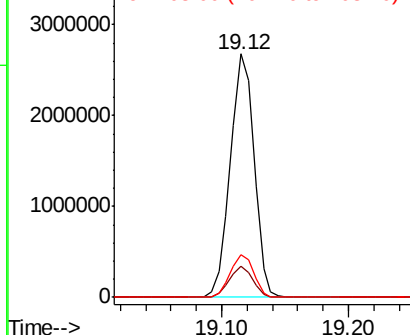


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

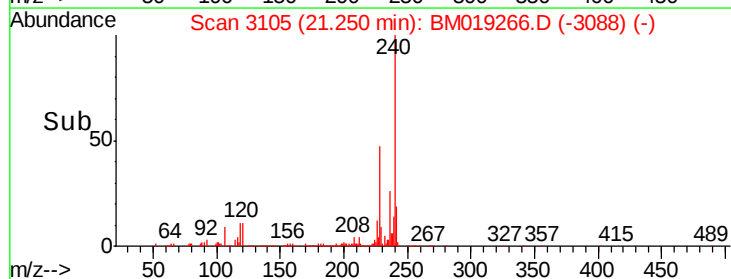
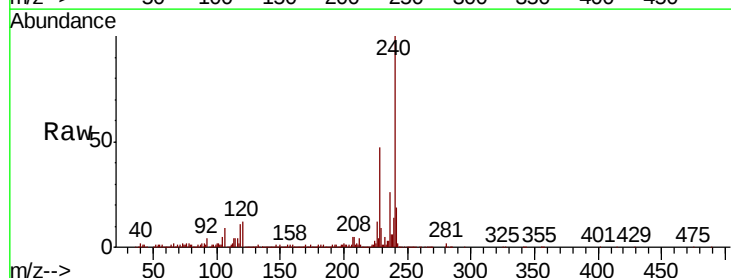
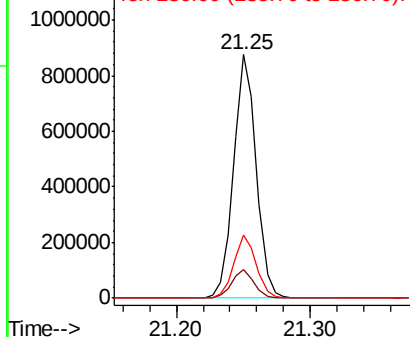
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 240   | Resp: | 1037114 |
| Ion      | Ratio | Lower | Upper   |
| 240      | 100   |       |         |
| 120      | 11.5  | 9.2   | 13.8    |
| 236      | 25.8  | 20.3  | 30.5    |

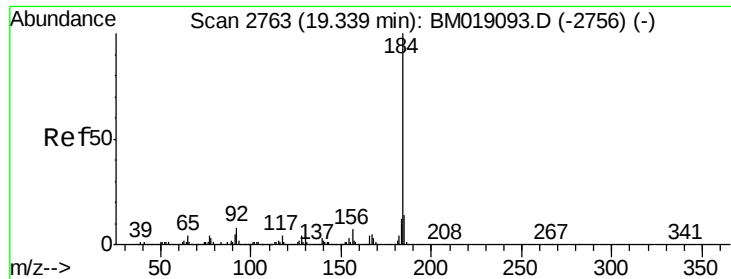
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 58.116 ng

RT: 19.32 min Scan# 2777

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

Instrument :

BNA\_M

ClientSampleId :

SB-13(13.5-14.5)MS

Tot Ion:184 Resp: 1709371

Ion Ratio Lower Upper

184 100

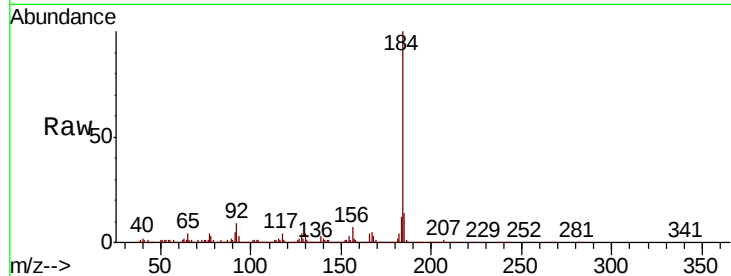
185 14.1 11.2 16.8

183 12.2 9.7 14.5

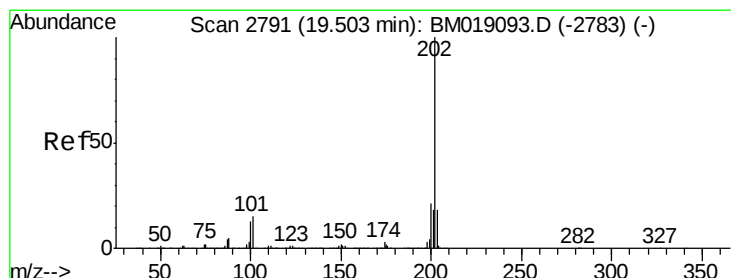
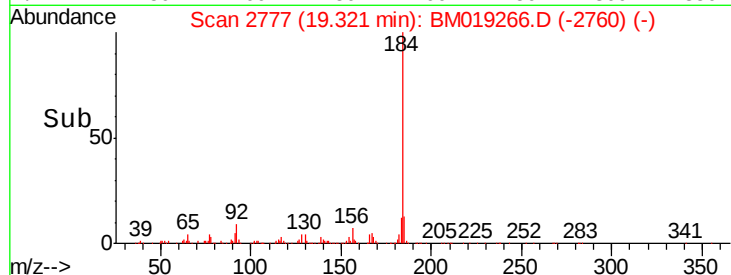
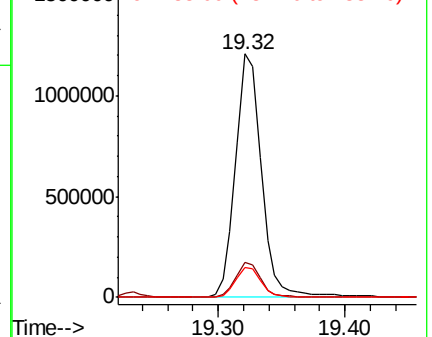
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Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 52.729 ng

RT: 19.48 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

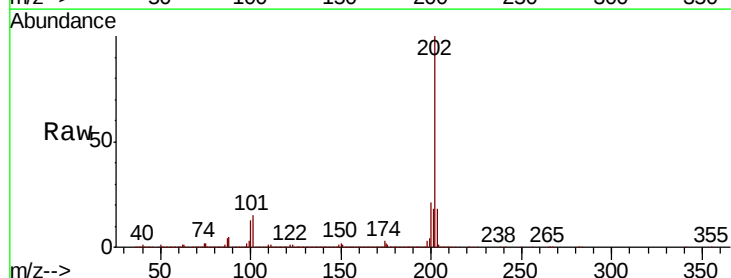
Tgt Ion:202 Resp: 3460019

Ion Ratio Lower Upper

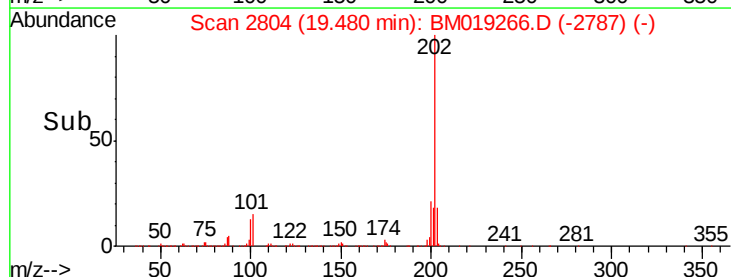
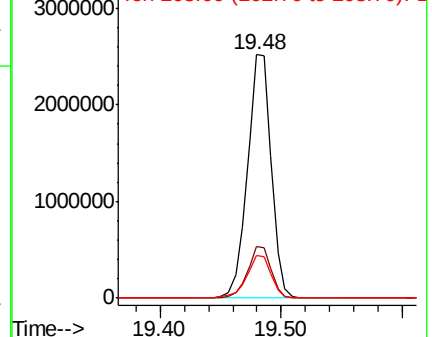
202 100

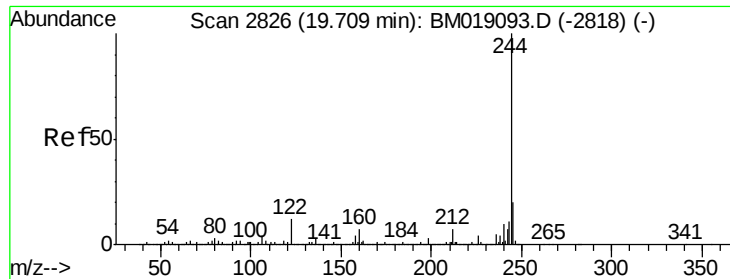
200 21.0 16.7 25.1

203 17.6 13.9 20.9



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





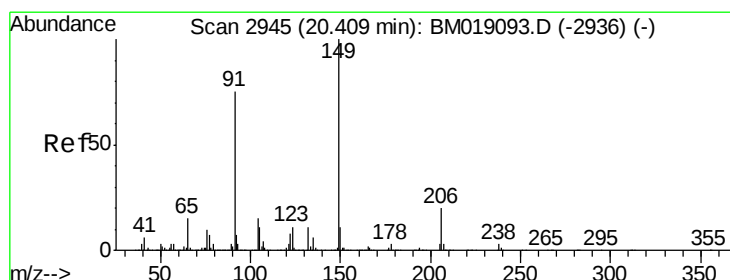
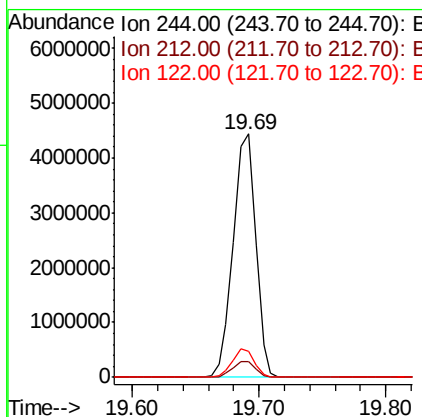
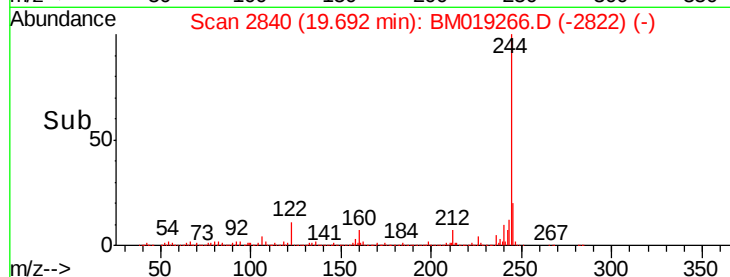
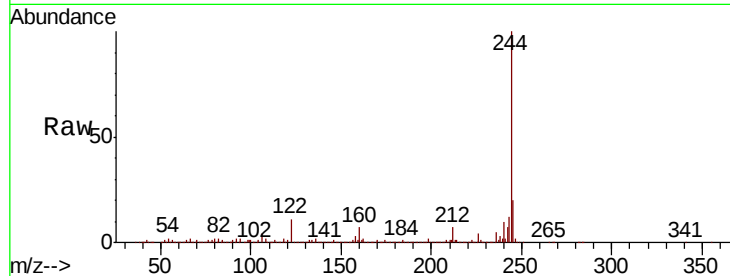
#79  
 Terphenyl-d14  
 Concen: 104.757 ng  
 RT: 19.69 min Scan# 2840  
 Delta R.T. 0.01 min  
 Lab File: BM019266.D  
 Acq: 20 Mar 2019 17:44

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-13(13.5-14.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.5   | 5.4   | 8.2   |
| 122     | 10.7  | 9.6   | 14.4  |

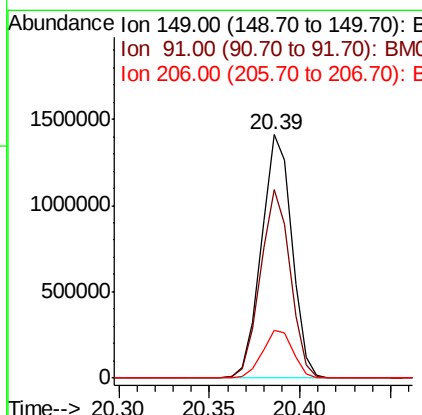
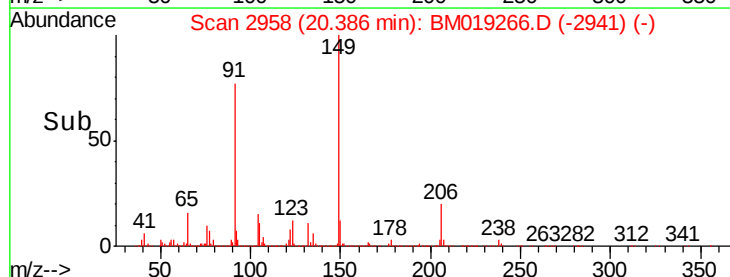
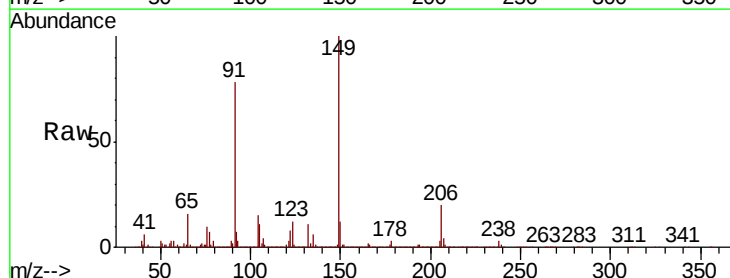
Manual Integrations  
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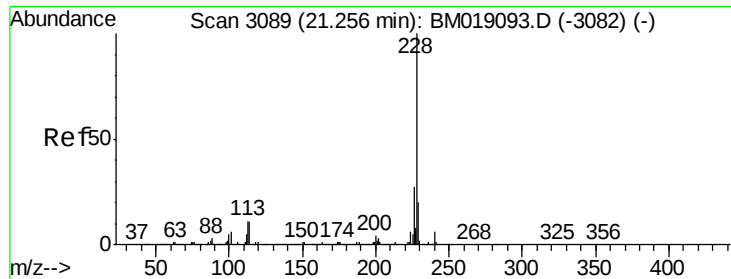
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#80  
 Butylbenzylphthalate  
 Concen: 57.427 ng  
 RT: 20.39 min Scan# 2958  
 Delta R.T. -0.00 min  
 Lab File: BM019266.D  
 Acq: 20 Mar 2019 17:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 77.5  | 61.6  | 92.4  |
| 206     | 19.7  | 15.9  | 23.9  |





#81

Benzo(a)anthracene

Concen: 43.632 ng

RT: 21.23 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

Instrument :

BNA\_M

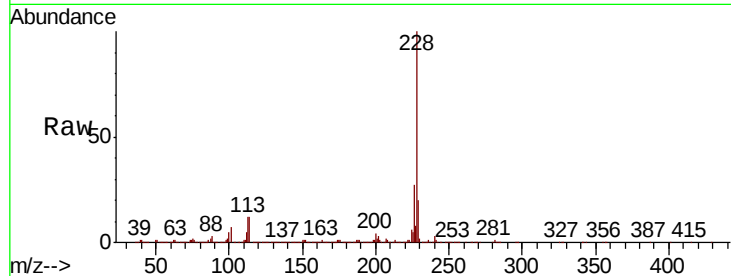
ClientSampleId :

SB-13(13.5-14.5)MS

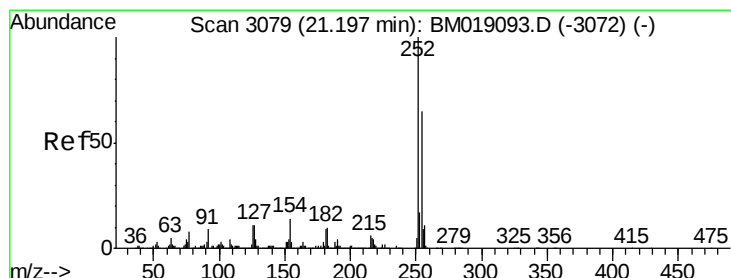
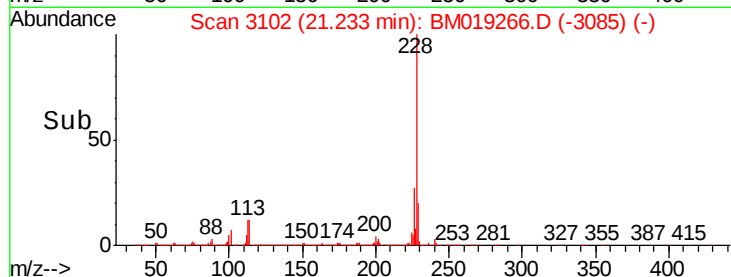
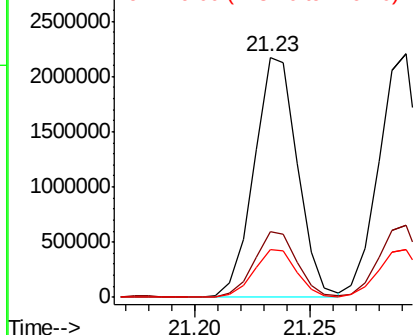
|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 228   | Resp: | 2838909 |
| Ion      | Ratio | Lower | Upper   |
| 228      | 100   |       |         |
| 226      | 27.2  | 21.6  | 32.4    |
| 229      | 20.0  | 15.8  | 23.8    |

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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: 33.237 ng

RT: 21.18 min Scan# 3093

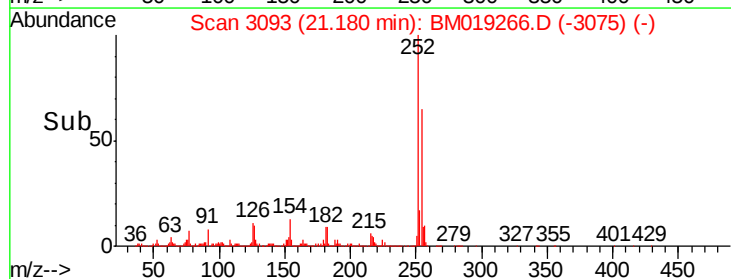
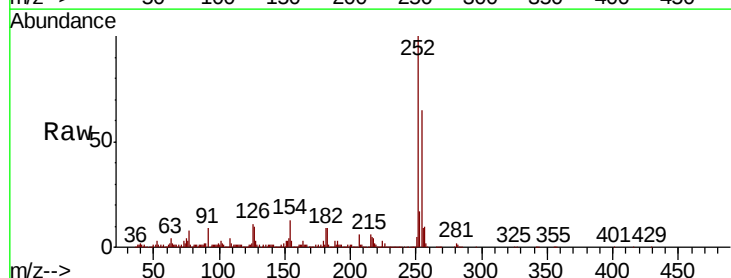
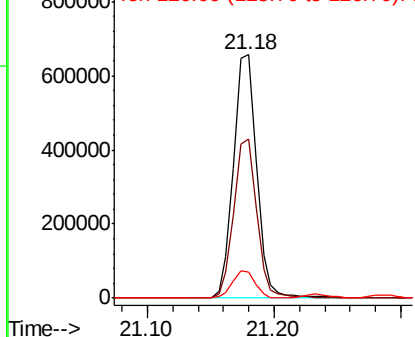
Delta R.T. 0.01 min

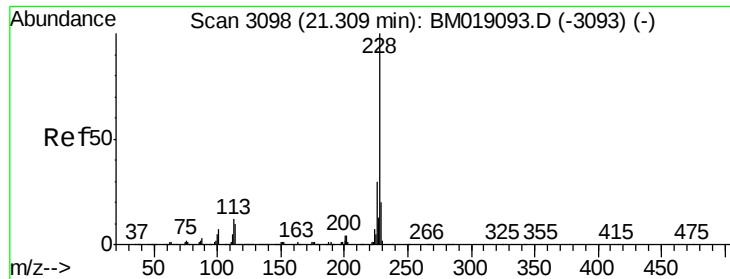
Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 833095 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 254      | 65.2  | 51.0  | 76.4   |
| 126      | 10.7  | 9.2   | 13.8   |

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





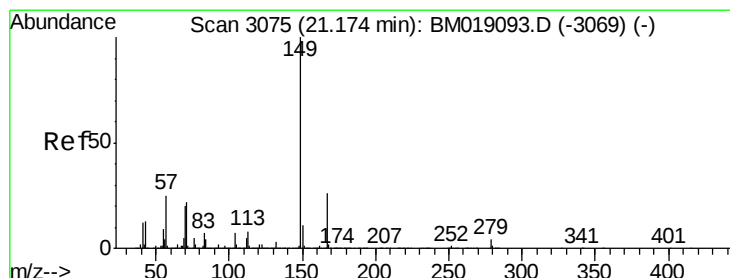
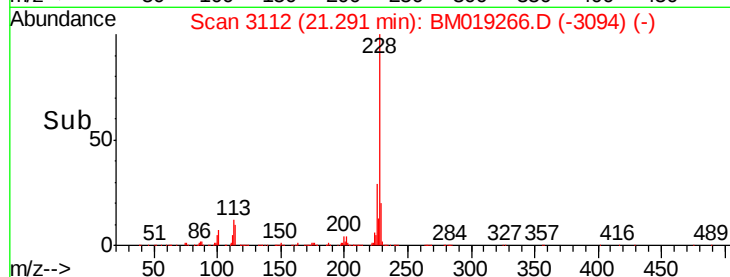
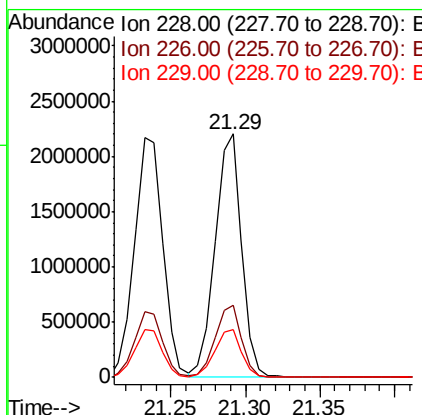
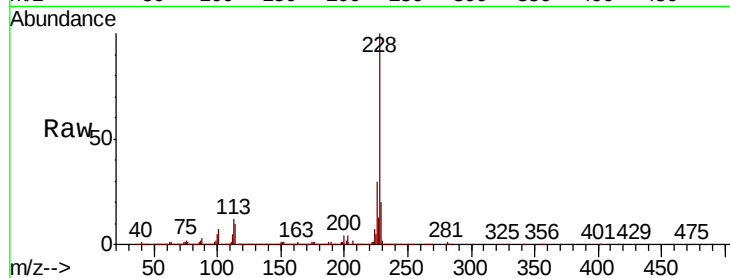
#83  
 Chrvsene  
 Concen: 43.447 ng  
 RT: 21.29 min Scan# 3112  
 Delta R.T. 0.01 min  
 Lab File: BM019266.D  
 Acq: 20 Mar 2019 17:44

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-13(13.5-14.5)MS

Tot Ion:228 Resp: 2734823  
 Ion Ratio Lower Upper  
 228 100  
 226 29.7 23.9 35.9  
 229 19.8 15.8 23.6

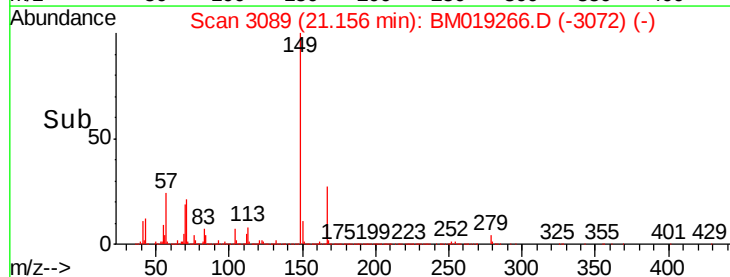
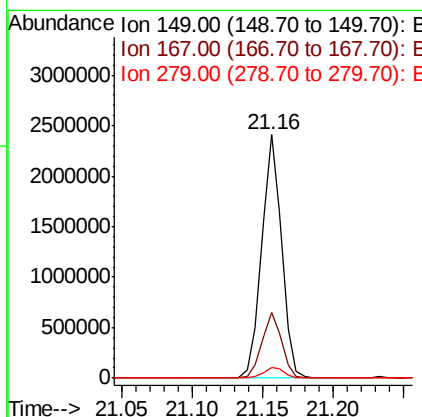
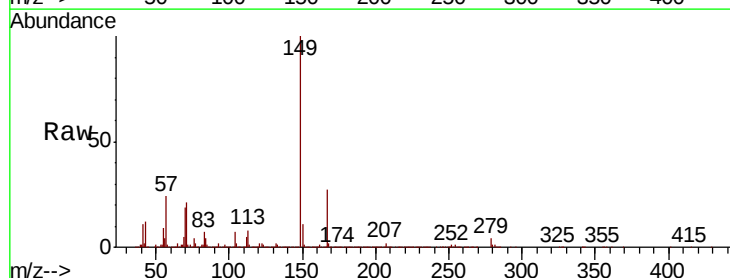
Manual Integrations  
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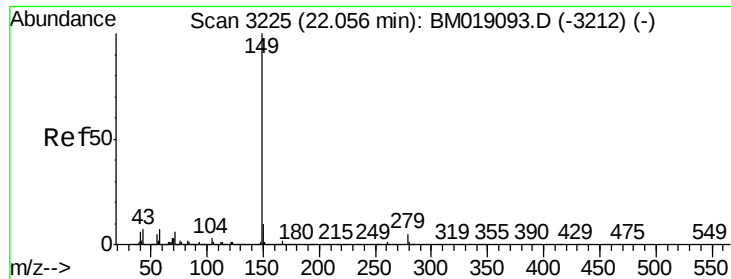
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 3/22/2019 6:04:46 PM



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 57.655 ng  
 RT: 21.16 min Scan# 3089  
 Delta R.T. -0.00 min  
 Lab File: BM019266.D  
 Acq: 20 Mar 2019 17:44

Tgt Ion:149 Resp: 2397323  
 Ion Ratio Lower Upper  
 149 100  
 167 27.2 21.4 32.2  
 279 4.4 3.6 5.4





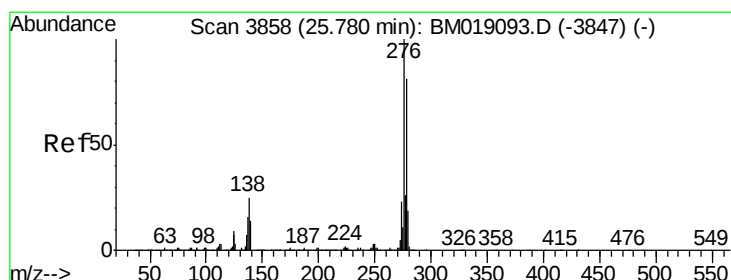
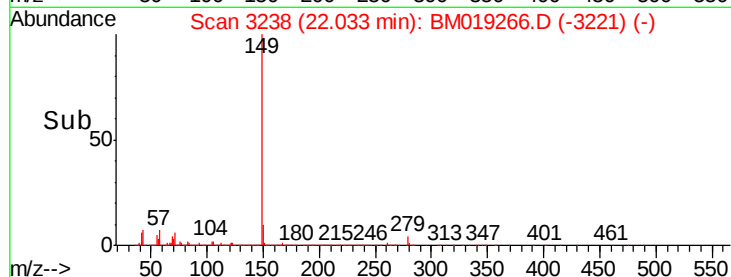
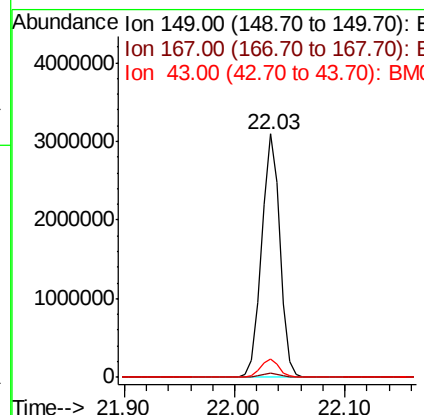
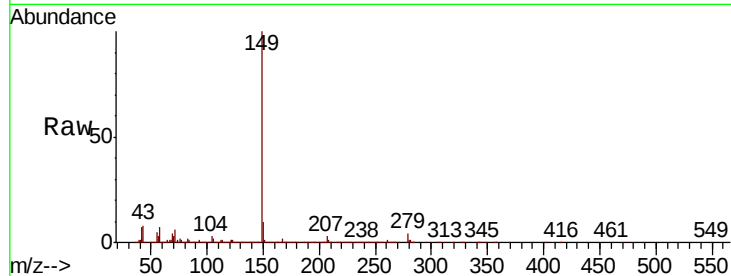
#85  
Di-n-octyl phthalate  
Concen: 51.198 ng  
RT: 22.03 min Scan# 3238  
Delta R.T. -0.00 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

Instrument :  
BNA\_M  
ClientSampleId :  
SB-13(13.5-14.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.3   | 1.9   |
| 43      | 7.5   | 6.0   | 9.0   |

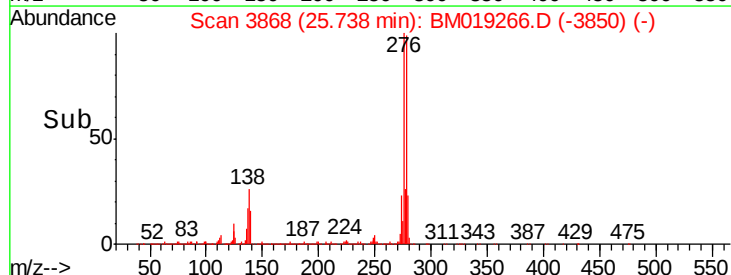
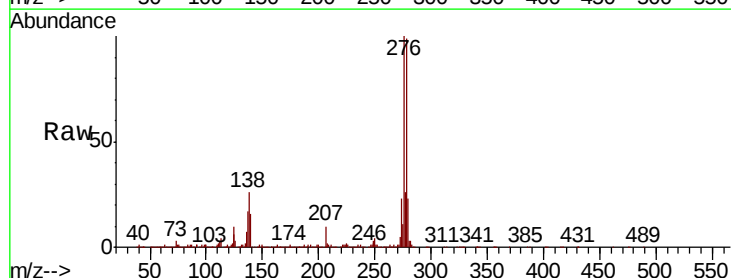
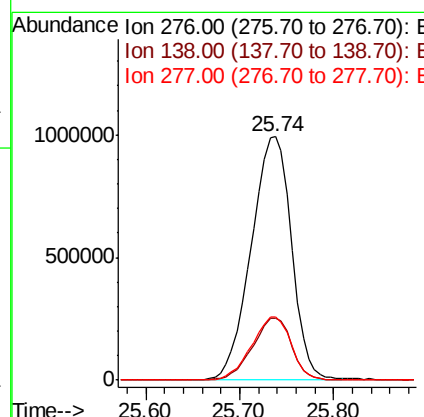
Manual Integrations  
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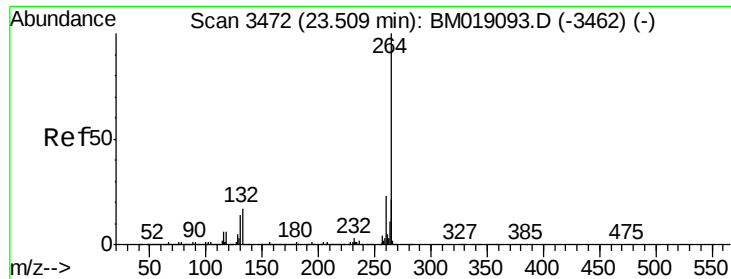
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#86  
Indeno(1,2,3-cd)pyrene  
Concen: 43.533 ng  
RT: 25.74 min Scan# 3868  
Delta R.T. 0.01 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 24.8  | 19.6  | 29.4  |
| 277     | 25.4  | 20.2  | 30.4  |





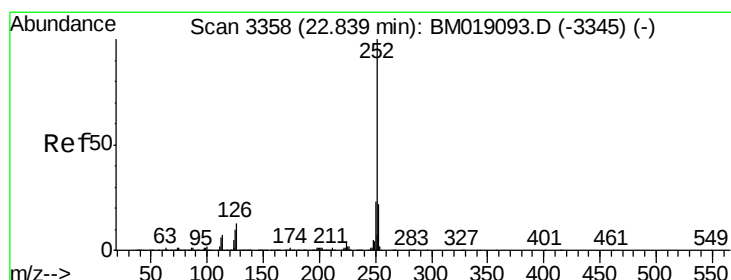
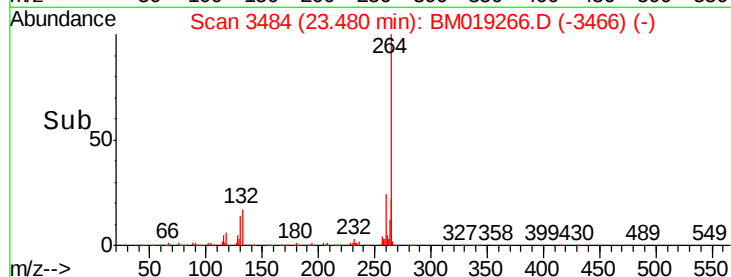
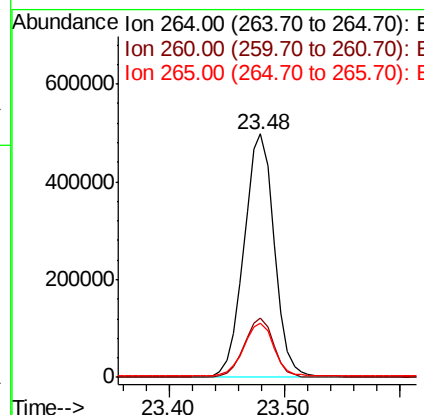
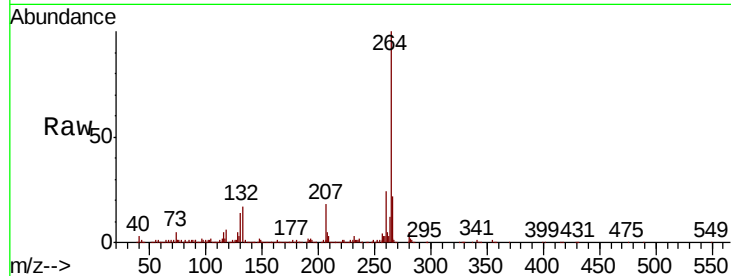
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.48 min Scan# 3484  
Delta R.T. 0.01 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

Instrument :  
BNA\_M  
ClientSampleId :  
SB-13(13.5-14.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.2  | 19.0  | 28.4  |
| 265     | 22.2  | 17.6  | 26.4  |

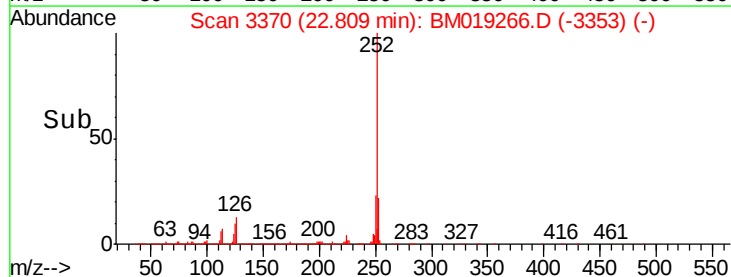
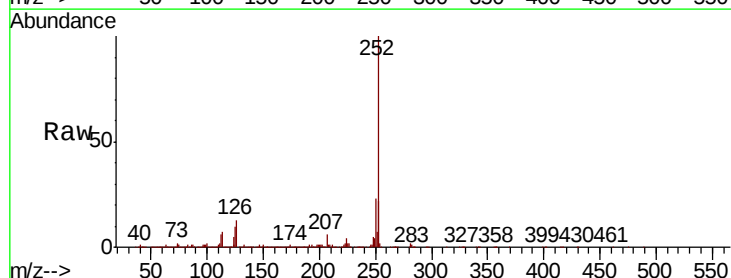
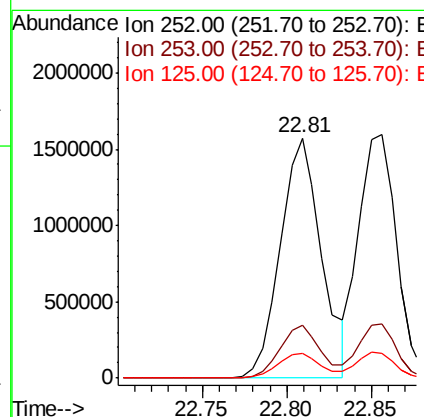
Manual Integrations  
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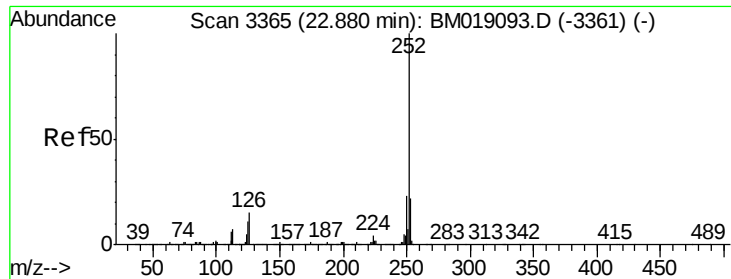
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#88  
Benzo(b)fluoranthene  
Concen: 45.154 ng  
RT: 22.81 min Scan# 3370  
Delta R.T. -0.00 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.4  | 26.2  |
| 125     | 10.3  | 8.2   | 12.4  |





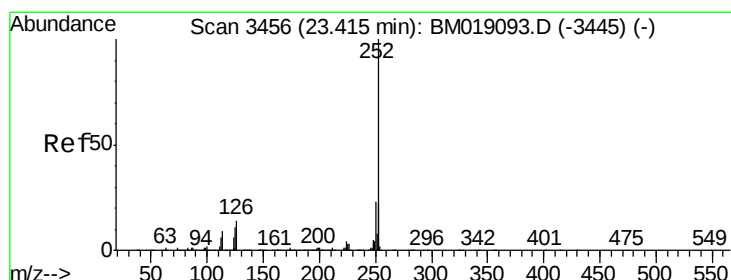
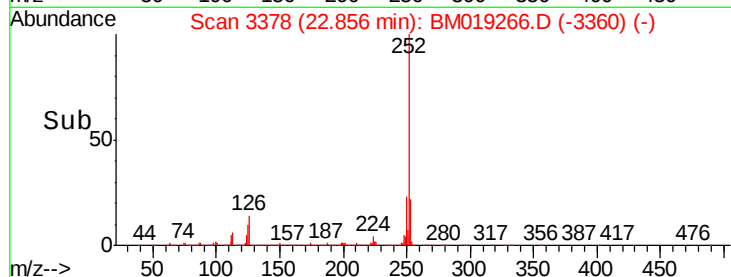
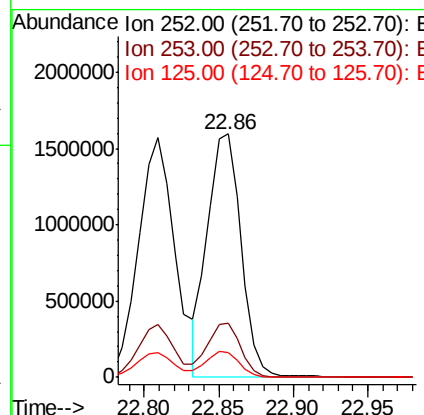
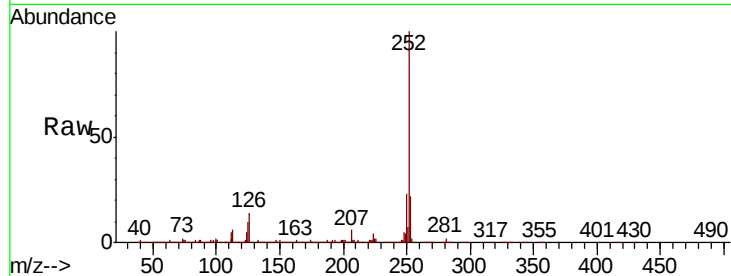
#89  
Benzo(k)fluoranthene  
Concen: 45.747 ng  
RT: 22.86 min Scan# 3378  
Delta R.T. 0.01 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

Instrument :  
BNA\_M  
ClientSampleId :  
SB-13(13.5-14.5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.7  | 26.5  |
| 125     | 10.2  | 8.6   | 12.8  |

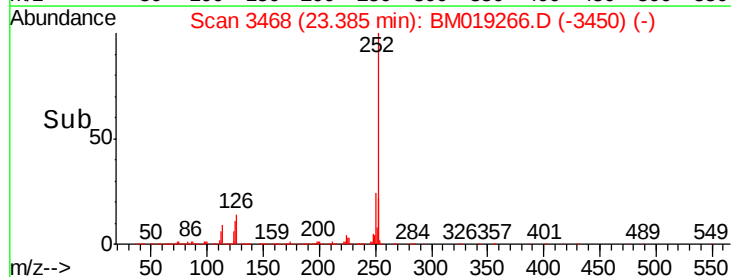
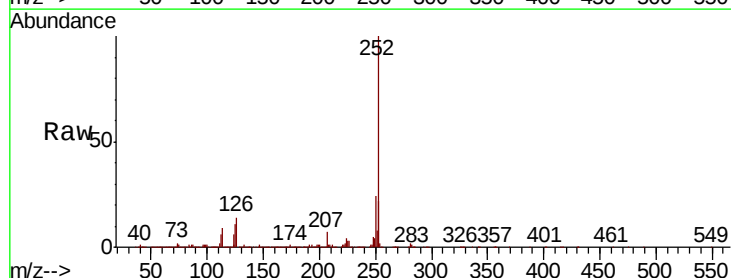
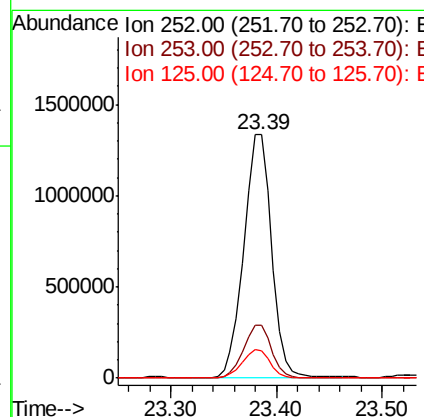
Manual Integrations  
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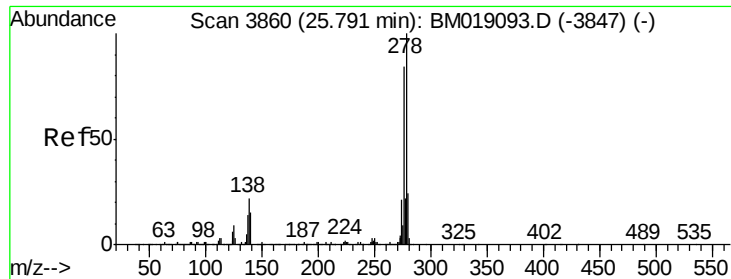
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#90  
Benzo(a)pyrene  
Concen: 46.158 ng  
RT: 23.39 min Scan# 3468  
Delta R.T. 0.01 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 17.6  | 26.4  |
| 125     | 11.4  | 9.2   | 13.8  |





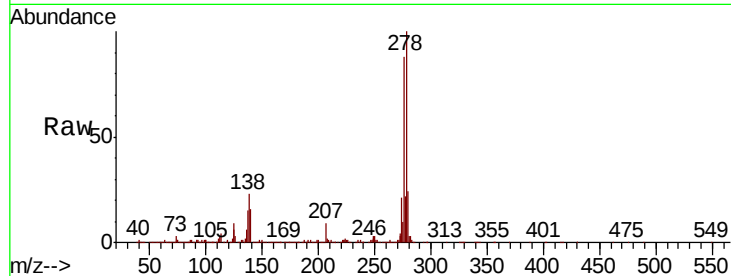
#91  
Dibenzo(a,h)anthracene  
Concen: 49.836 ng  
RT: 25.74 min Scan# 3869  
Delta R.T. 0.01 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

Instrument :  
BNA\_M  
ClientSampleId :  
SB-13(13.5-14.5)MS

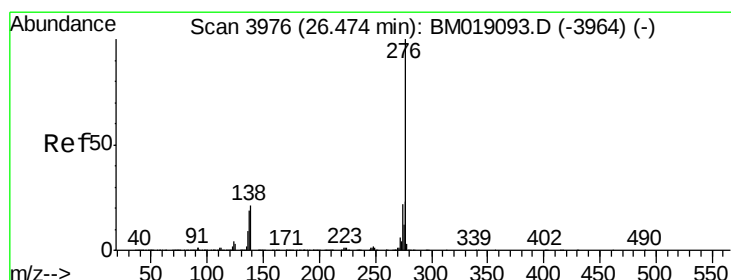
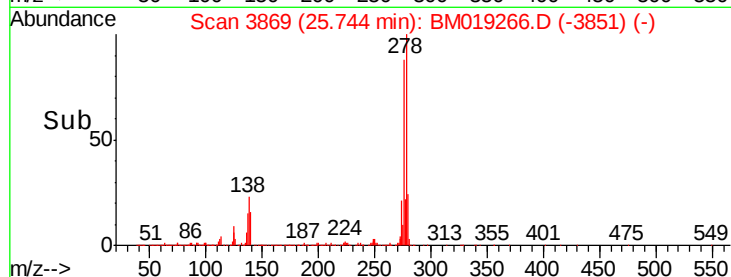
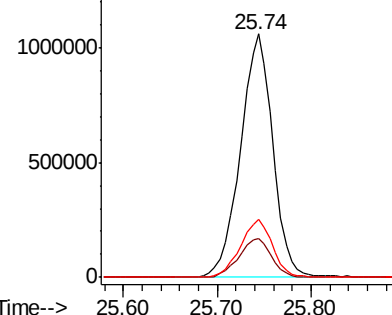
Tot Ion:278 Resp: 2523768  
Ion Ratio Lower Upper  
278 100  
139 15.7 12.6 19.0  
279 23.9 18.9 28.3

Manual Integrations  
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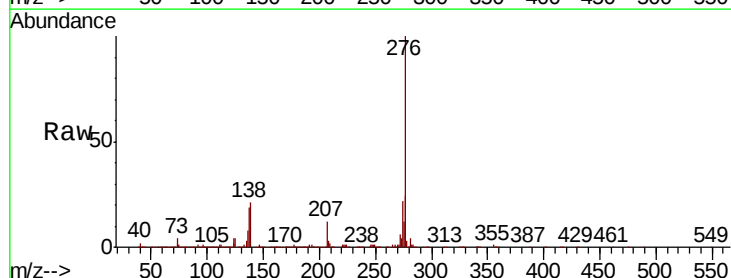


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 51.179 ng  
RT: 26.42 min Scan# 3984  
Delta R.T. -0.00 min  
Lab File: BM019266.D  
Acq: 20 Mar 2019 17:44

Tgt Ion:276 Resp: 2379516  
Ion Ratio Lower Upper  
276 100  
277 24.0 19.0 28.6  
138 21.3 16.9 25.3



Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 277.00 (276.70 to 277.70): E  
Ion 138.00 (137.70 to 138.70): E

