

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100818\  
 Data File : BM017068.D  
 Acq On : 08 Oct 2018 16:27  
 Operator : MJ/SJ  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Oct 09 02:37:51 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM100418MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Oct 09 02:36:15 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.70  | 152  | 206565   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.47 | 136  | 908229   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.33 | 164  | 484465   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.08 | 188  | 1059393  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.27 | 240  | 1137695  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.50 | 264  | 1153081  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.25  | 96  | 27210   | 6.55  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.87  | 99  | 325109  | 18.83 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.04  | 67  | 202755  | 19.36 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.23  | 132 | 277441  | 19.32 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.40  | 113 | 258291  | 19.09 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.85  | 128 | 127716  | 19.24 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.56  | 143 | 119925  | 17.76 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.10 | 165 | 272861  | 19.64 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.62 | 131 | 337637  | 20.22 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.75 | 166 | 751022  | 19.54 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.03 | 160 | 1016767 | 20.69 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.54 | 143 | 123793  | 17.04 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.33 | 176 | 684592  | 20.00 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.46 | 200 | 96406   | 15.43 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.18 | 188 | 1011932 | 20.00 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.48 | 212 | 1062269 | 20.70 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.36 | 264 | 1186250 | 20.10 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |        | Ovalue    |
|--------------------------------|-------|-----|--------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.28  | 88  | 28391  | 6.501  | ng/uL 96  |
| 4) Benzaldehyde                | 6.85  | 77  | 218263 | 20.362 | ng/ul 94  |
| 6) Phenol                      | 6.90  | 94  | 325171 | 18.823 | ng/ul 100 |
| 8) Bis(2-Chloroethyl)ether     | 7.13  | 93  | 257287 | 19.237 | ng/ul 99  |
| 10) 2-Chlorophenol             | 7.26  | 128 | 275790 | 19.293 | ng/ul 98  |
| 11) 2-Methylphenol             | 8.13  | 108 | 249084 | 19.149 | ng/ul 96  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.22  | 45  | 380676 | 19.789 | ng/ul 100 |
| 14) Acetophenone               | 8.52  | 105 | 429911 | 19.994 | ng/ul 100 |
| 15) N-Nitroso-di-n-propylamine | 8.50  | 70  | 188290 | 18.813 | ng/ul 99  |
| 16) 4-Methylphenol             | 8.46  | 108 | 268587 | 19.273 | ng/ul 99  |
| 17) Hexachloroethane           | 8.76  | 117 | 117422 | 20.108 | ng/ul 100 |
| 20) Nitrobenzene               | 8.89  | 77  | 307729 | 19.613 | ng/ul 99  |
| 21) Isophorone                 | 9.42  | 82  | 547500 | 19.230 | ng/ul 98  |
| 23) 2-Nitrophenol              | 9.59  | 139 | 142018 | 18.613 | ng/ul 97  |
| 24) 2,4-Dimethylphenol         | 9.66  | 107 | 299815 | 19.371 | ng/ul 99  |
| 25) Bis(2-Chloroethoxy)methane | 9.90  | 93  | 354595 | 19.401 | ng/ul 98  |
| 27) 2,4-Dichlorophenol         | 10.12 | 162 | 265562 | 19.673 | ng/ul 99  |
| 28) Naphthalene                | 10.52 | 128 | 923004 | 19.780 | ng/ul 100 |
| 30) 4-Chloroaniline            | 10.64 | 127 | 346101 | 20.456 | ng/ul 100 |
| 31) Hexachlorobutadiene        | 10.80 | 225 | 184444 | 20.096 | ng/ul 98  |
| 32) Caprolactam                | 11.41 | 113 | 67524  | 16.411 | ng/ul 94  |
| 33) 4-Chloro-3-methylphenol    | 11.76 | 107 | 262226 | 18.907 | ng/ul 98  |
| 34) 2-Methylnaphthalene        | 12.14 | 142 | 647833 | 19.659 | ng/ul 99  |

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 Sample : SSTDC0020  
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Instrument :  
 BNA\_M  
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Quant Time: Oct 09 02:37:51 2018  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Oct 09 02:36:15 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 35) 1-Methylnaphthalene        | 12.36 | 142  | 625148   | 19.484 | ng/ul | 100      |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.51 | 216  | 348888   | 20.972 | ng/ul | 98       |
| 38) Hexachlorocyclopentadiene  | 12.49 | 237  | 196185   | 18.391 | ng/ul | 99       |
| 39) 2,4,6-Trichlorophenol      | 12.76 | 196  | 198466   | 19.769 | ng/ul | 96       |
| 40) 2,4,5-Trichlorophenol      | 12.83 | 196  | 217901   | 20.220 | ng/ul | 99       |
| 41) 1,1'-Biphenyl              | 13.16 | 154  | 825047   | 20.657 | ng/ul | 99       |
| 42) 2-Chloronaphthalene        | 13.20 | 162  | 651657   | 20.711 | ng/ul | 99       |
| 43) 2-Nitroaniline             | 13.42 | 65   | 118234   | 17.219 | ng/ul | 98       |
| 45) Dimethylphthalate          | 13.80 | 163  | 750267   | 19.712 | ng/ul | 99       |
| 46) 2,6-Dinitrotoluene         | 13.92 | 165  | 122685   | 19.146 | ng/ul | 91       |
| 48) Acenaphthylene             | 14.05 | 152  | 966774   | 20.546 | ng/ul | 99       |
| 49) 3-Nitroaniline             | 14.25 | 138  | 125460   | 17.603 | ng/ul | 97       |
| 50) Acenaphthene               | 14.40 | 153  | 677293   | 20.255 | ng/ul | 99       |
| 51) 2,4-Dinitrophenol          | 14.45 | 184  | 54831    | 13.264 | ng/ul | 99       |
| 53) 4-Nitrophenol              | 14.56 | 109  | 93451    | 17.722 | ng/ul | 97       |
| 54) Dibenzofuran               | 14.73 | 168  | 952996   | 20.184 | ng/ul | 100      |
| 55) 2,4-Dinitrotoluene         | 14.70 | 165  | 203222   | 19.601 | ng/ul | 97       |
| 56) 2,3,4,6-Tetrachlorophenol  | 14.96 | 232  | 184525   | 19.085 | ng/ul | 99       |
| 57) Diethylphthalate           | 15.17 | 149  | 713478   | 19.166 | ng/ul | 99       |
| 59) Fluorene                   | 15.39 | 166  | 768948   | 19.975 | ng/ul | 100      |
| 60) 4-Chlorophenyl-phenylether | 15.39 | 204  | 400674   | 19.970 | ng/ul | 98       |
| 61) 4-Nitroaniline             | 15.41 | 138  | 140648   | 16.720 | ng/ul | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 15.47 | 198  | 105159   | 15.881 | ng/ul | 98       |
| 65) N-Nitrosodiphenylamine     | 15.60 | 169  | 632766   | 20.161 | ng/ul | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.28 | 248  | 237298   | 19.953 | ng/ul | 96       |
| 67) Hexachlorobenzene          | 16.39 | 284  | 267489   | 19.905 | ng/ul | 98       |
| 68) Atrazine                   | 16.56 | 200  | 187720   | 17.203 | ng/ul | 99       |
| 69) Pentachlorophenol          | 16.73 | 266  | 142780   | 17.623 | ng/ul | 97       |
| 70) Phenanthrene               | 17.13 | 178  | 1190119  | 20.035 | ng/ul | 99       |
| 72) Anthracene                 | 17.22 | 178  | 1206399  | 19.988 | ng/ul | 99       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.12 | 216  | 361244   | 21.367 | ng/uL | 98       |
| 74) Pentachlorobenzene         | 14.65 | 250  | 334883   | 21.083 | ng/uL | 99       |
| 75) Carbazole                  | 17.49 | 167  | 1002713  | 19.196 | ng/ul | 99       |
| 76) Di-n-butylphthalate        | 18.06 | 149  | 1040142  | 17.811 | ng/ul | 99       |
| 77) Fluoranthene               | 19.14 | 202  | 1316767  | 19.137 | ng/ul | 100      |
| 80) Pvrene                     | 19.51 | 202  | 1371529  | 20.806 | ng/ul | 97       |
| 81) Butylbenzylphthalate       | 20.42 | 149  | 350114   | 15.393 | ng/ul | 97       |
| 82) 3,3'-Dichlorobenzidine     | 21.20 | 252  | 327957   | 16.227 | ng/ul | 100      |
| 83) Benzo(a)anthracene         | 21.26 | 228  | 1372872  | 20.115 | ng/ul | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.20 | 149  | 589800   | 16.731 | ng/ul | 98       |
| 85) Chrysene                   | 21.31 | 228  | 1325242  | 20.077 | ng/ul | 99       |
| 87) Di-n-octyl phthalate       | 22.07 | 149  | 994254   | 16.125 | ng/ul | 100      |
| 88) Benzo(b)fluoranthene       | 22.83 | 252  | 1362506  | 19.844 | ng/ul | 99       |
| 89) Benzo(k)fluoranthene       | 22.87 | 252  | 1373528  | 20.823 | ng/ul | 99       |
| 91) Benzo(a)pyrene             | 23.40 | 252  | 1341079  | 20.267 | ng/ul | 98       |
| 92) Indeno(1,2,3-cd)pyrene     | 25.72 | 276  | 1572206  | 20.125 | ng/ul | 98       |
| 93) Dibenzo(a,h)anthracene     | 25.73 | 278  | 1316521  | 20.244 | ng/ul | 99       |
| 94) Benzo(a,h,i)perylene       | 26.40 | 276  | 1304232  | 20.049 | ng/ul | 99       |

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Acq On : 08 Oct 2018 16:27  
Operator : MJ/SJ  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

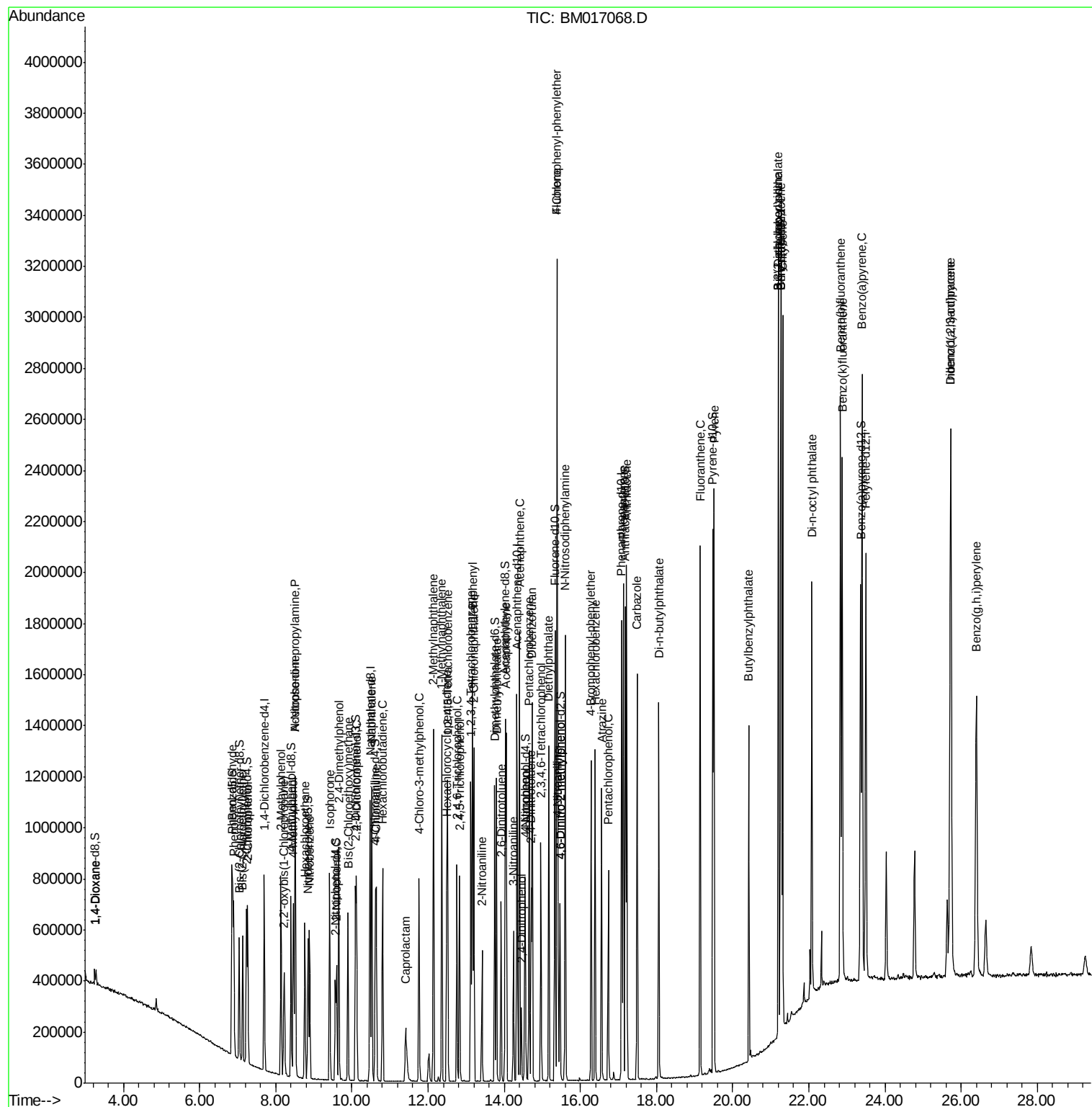
Quant Time: Oct 09 02:37:51 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM100418MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Oct 09 02:36:15 2018  
Response via : Initial Calibration

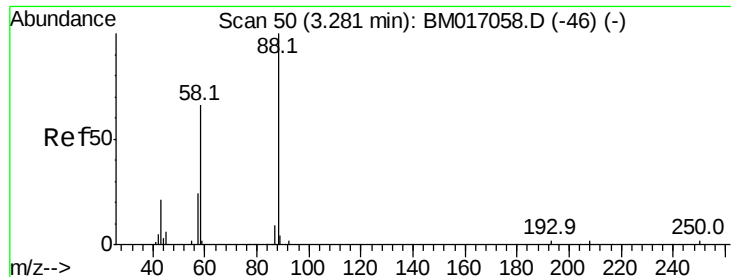
| Internal Standards                                                         | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                      |      |      |          |      |       |          |
| (#) = qualifier out of range (m) = manual integration (+) = signals summed |      |      |          |      |       |          |

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Instrument :  
BNA\_M  
ClientSampled :

Quant Time: Oct 09 02:37:51 2018  
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Quant Title : SVOA CALIBRATION  
QLast Update : Tue Oct 09 02:36:15 2018  
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 6.501 ng/uL

RT: 3.28 min Scan# 50

Delta R.T. 0.00 min

Lab File: BM017068.D

Acq: 08 Oct 2018 16:27

Instrument :

BNA\_M

ClientSampleId :

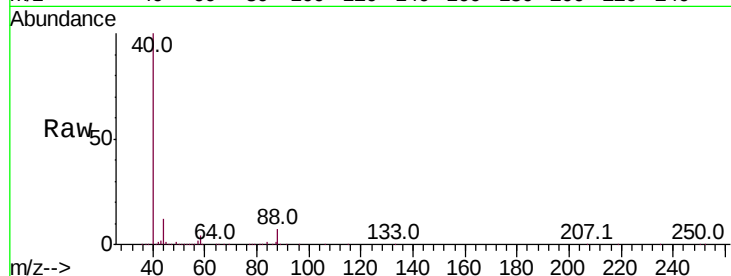
Tot Ion: 88 Resp: 28391

Ion Ratio Lower Upper

88 100

43 31.7 25.0 37.4

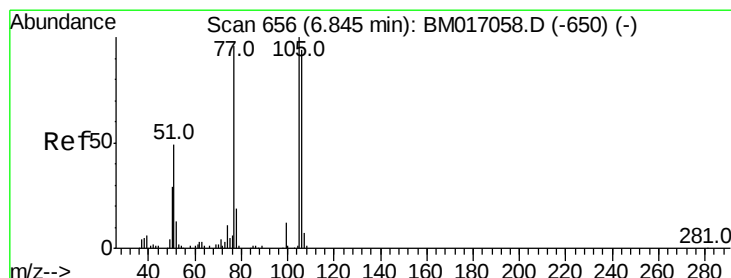
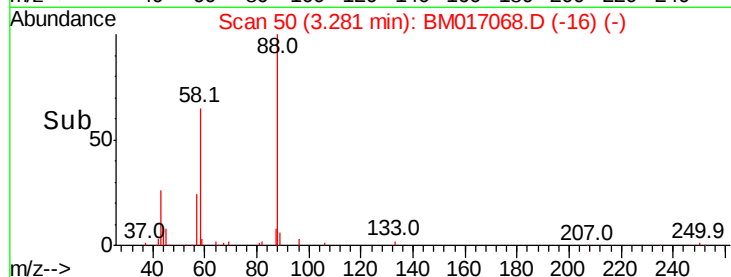
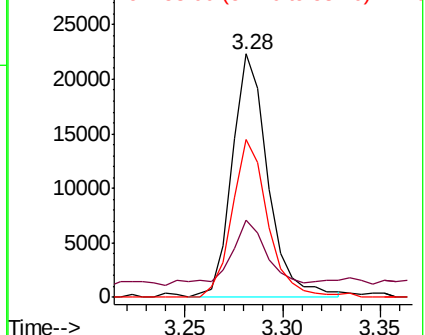
58 64.7 55.0 82.4



Abundance Ion 88.00 (87.70 to 88.70): BM017058.D (-46) (-)

Ion 43.00 (42.70 to 43.70): BM017058.D (-46) (-)

Ion 58.00 (57.70 to 58.70): BM017058.D (-46) (-)



#4

Benzaldehyde

Concen: 20.362 ng/uL

RT: 6.85 min Scan# 656

Delta R.T. 0.00 min

Lab File: BM017068.D

Acq: 08 Oct 2018 16:27

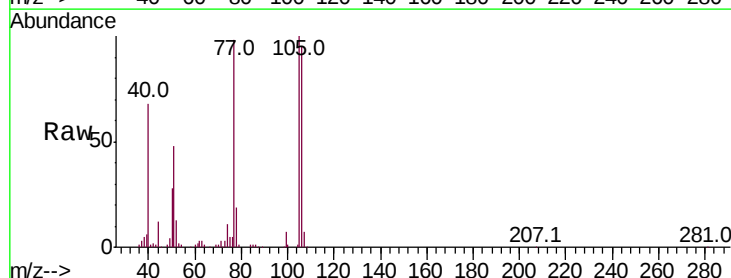
Tgt Ion: 77 Resp: 218263

Ion Ratio Lower Upper

77 100

105 101.6 75.4 113.2

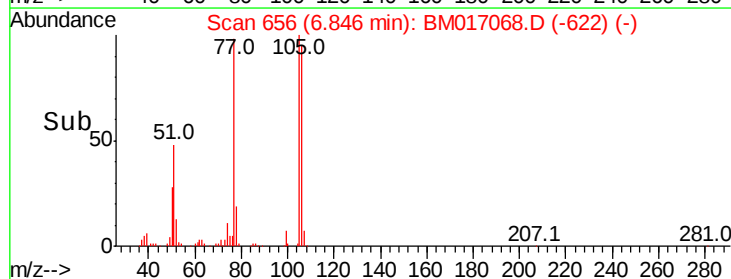
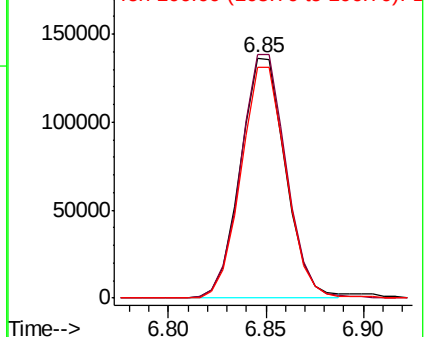
106 96.3 73.8 110.8

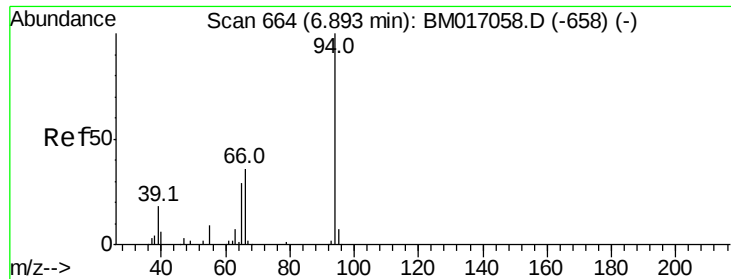


Abundance Ion 77.00 (76.70 to 77.70): BM017058.D (-650) (-)

Ion 105.00 (104.70 to 105.70): BM017058.D (-650) (-)

Ion 106.00 (105.70 to 106.70): BM017058.D (-650) (-)





#6

Phenol

Concen: 18.823 ng/ul

RT: 6.90 min Scan# 665

Delta R.T. 0.01 min

Lab File: BM017068.D

Acq: 08 Oct 2018 16:27

Instrument :

BNA\_M

ClientSampleId :

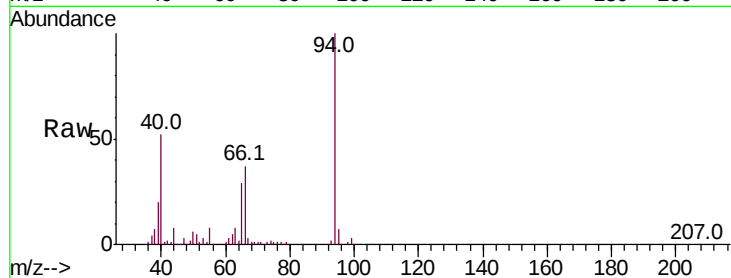
Tot Ion: 94 Resp: 325171

Ion Ratio Lower Upper

94 100

65 28.6 22.8 34.2

66 37.2 29.5 44.3



Abundance Ion 94.00 (93.70 to 94.70): BM017058.D (-658) (-)

Ion 65.00 (64.70 to 65.70): BM017058.D (-658) (-)

Ion 66.00 (65.70 to 66.70): BM017058.D (-658) (-)

6.90

250000

200000

150000

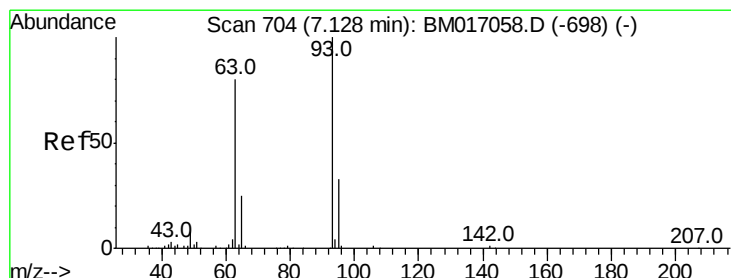
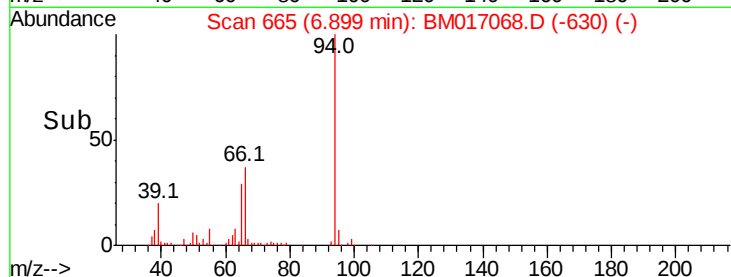
100000

50000

0

6.85 6.90 6.95

Time-->



#8

Bis(2-Chloroethyl)ether

Concen: 19.237 ng/ul

RT: 7.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BM017068.D

Acq: 08 Oct 2018 16:27

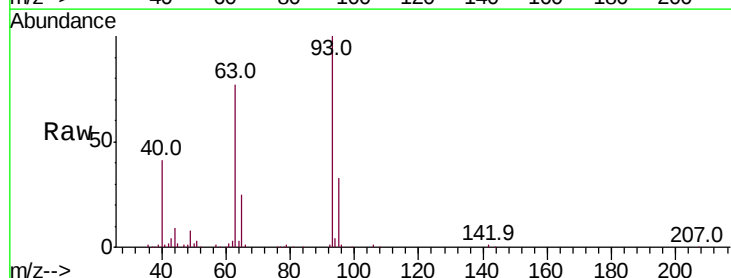
Tgt Ion: 93 Resp: 257287

Ion Ratio Lower Upper

93 100

63 77.0 62.5 93.7

95 32.8 26.0 39.0



Abundance Ion 93.00 (92.70 to 93.70): BM017058.D (-698) (-)

Ion 63.00 (62.70 to 63.70): BM017058.D (-698) (-)

Ion 95.00 (94.70 to 95.70): BM017058.D (-698) (-)

7.13

200000

150000

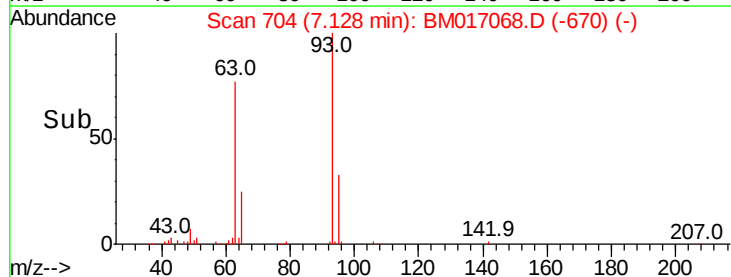
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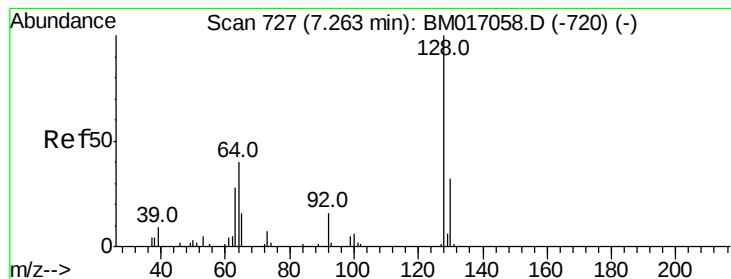
50000

0

7.05 7.10 7.15 7.20

Time-->





#10

2-Chlorophenol

Concen: 19.293 ng/ul

RT: 7.26 min Scan# 727

Delta R.T. 0.00 min

Lab File: BM017068.D

Acq: 08 Oct 2018 16:27

Instrument :

BNA\_M

ClientSampleId :

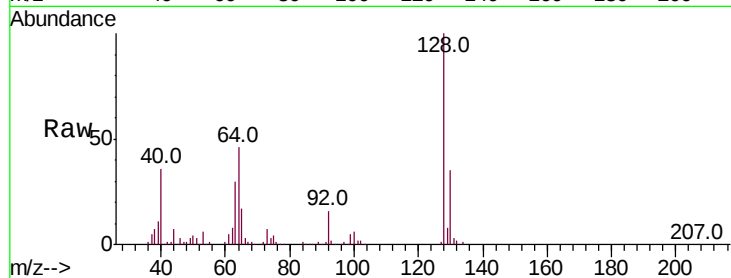
Tot Ion:128 Resp: 275790

Ion Ratio Lower Upper

128 100

64 45.6 37.2 55.8

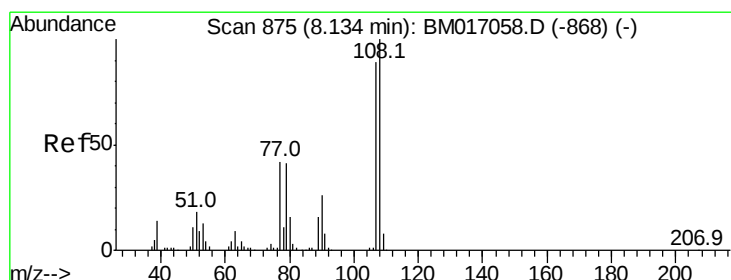
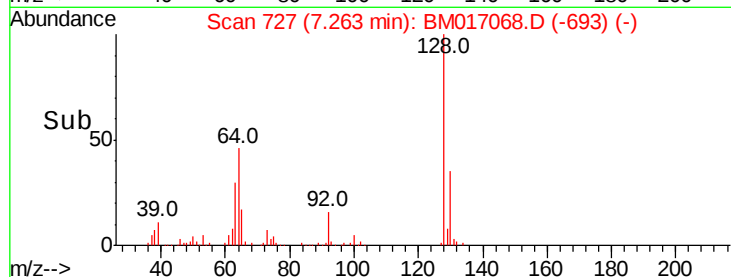
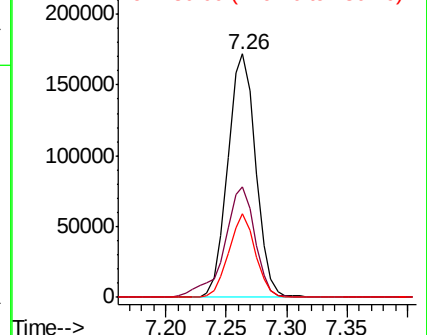
130 34.6 26.1 39.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 19.149 ng/ul

RT: 8.13 min Scan# 875

Delta R.T. 0.00 min

Lab File: BM017068.D

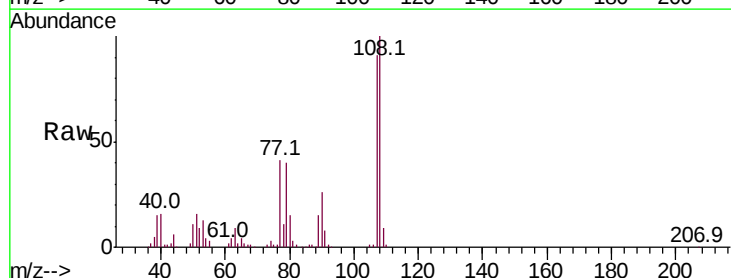
Acq: 08 Oct 2018 16:27

Tgt Ion:108 Resp: 249084

Ion Ratio Lower Upper

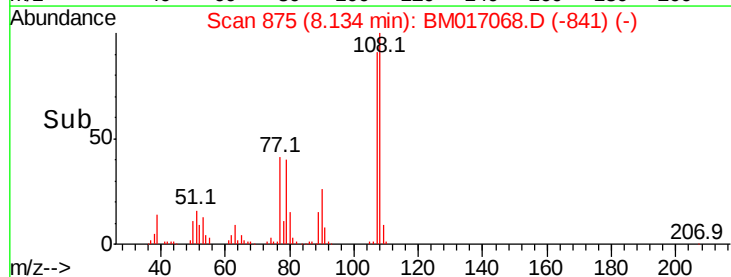
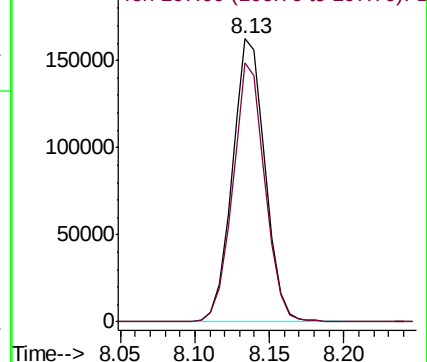
108 100

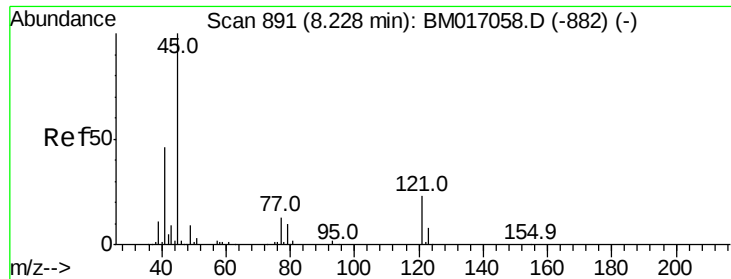
107 91.4 70.3 105.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

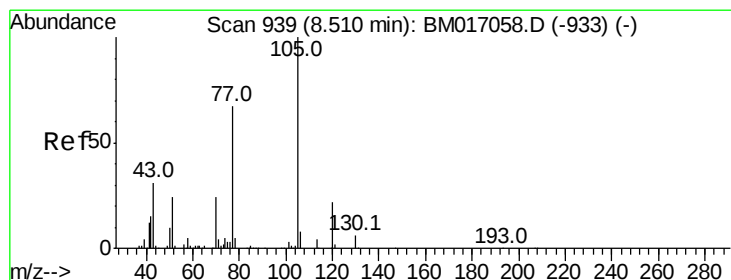
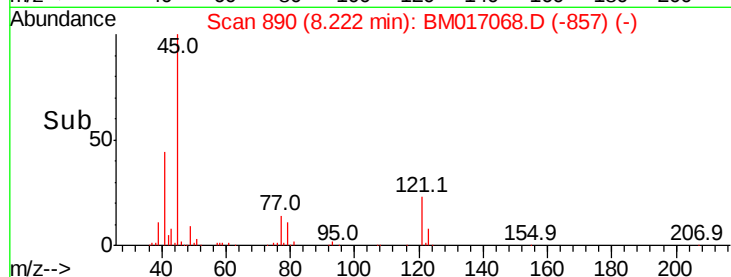
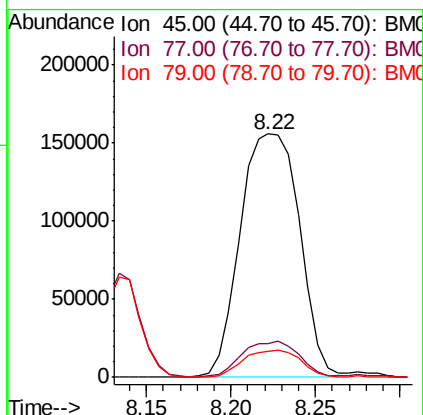
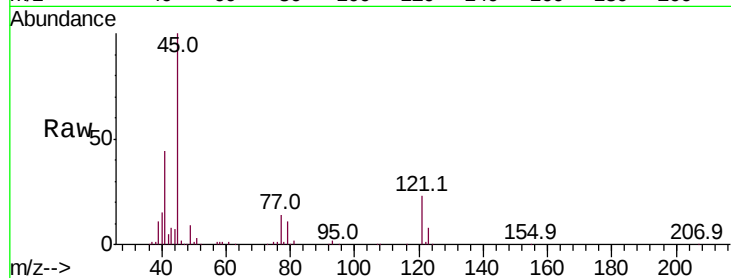




#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 19.789 ng/ul  
RT: 8.22 min Scan# 890  
Delta R.T. -0.01 min  
Lab File: BM017068.D  
Acq: 08 Oct 2018 16:27

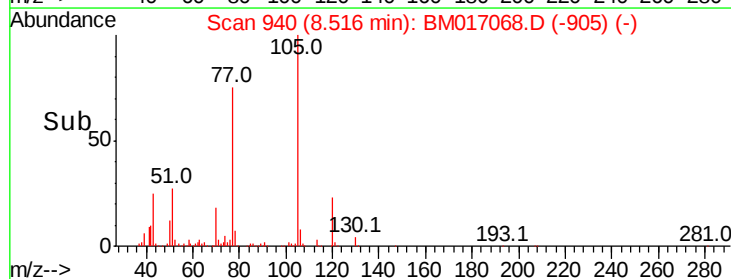
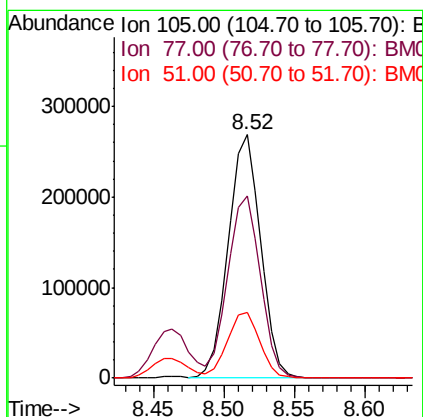
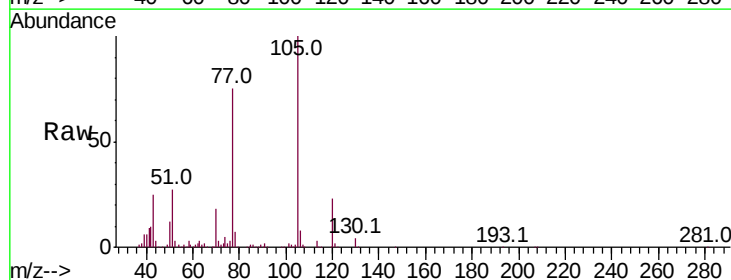
Instrument :  
BNA\_M  
ClientSampleId :

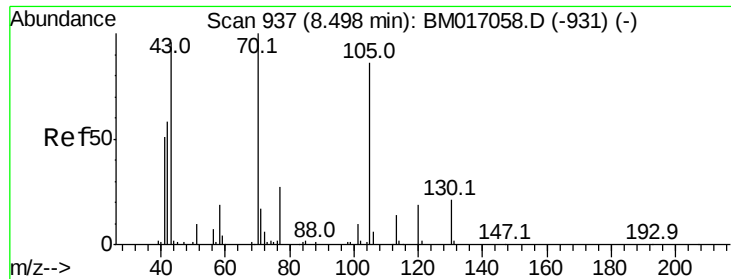
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 13.9  | 11.0  | 16.6  |
| 79      | 10.6  | 8.4   | 12.6  |



#14  
Acetophenone  
Concen: 19.994 ng/ul  
RT: 8.52 min Scan# 940  
Delta R.T. 0.01 min  
Lab File: BM017068.D  
Acq: 08 Oct 2018 16:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 77      | 74.9  | 59.8  | 89.6  |
| 51      | 27.1  | 21.8  | 32.8  |

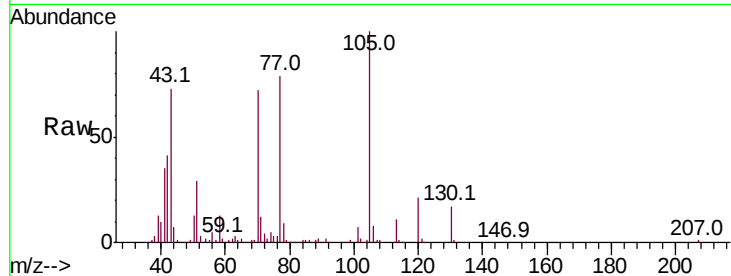




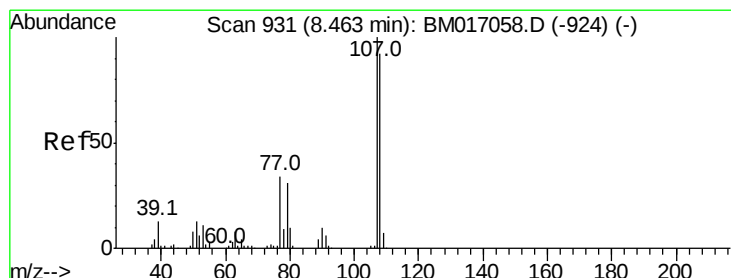
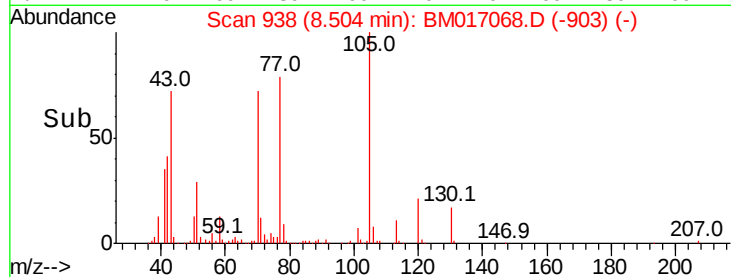
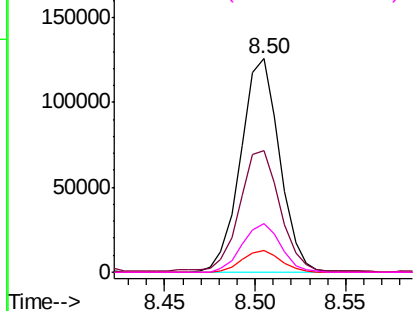
#15  
N-Nitroso-di-n-propylamine  
Concen: 18.813 ng/ul  
RT: 8.50 min Scan# 938  
Delta R.T. 0.01 min  
Lab File: BM017068.D  
Acq: 08 Oct 2018 16:27

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion: 70 Resp: 188290  
Ion Ratio Lower Upper  
70 100  
42 56.7 45.1 67.7  
101 10.2 7.5 11.3  
130 23.1 17.3 25.9

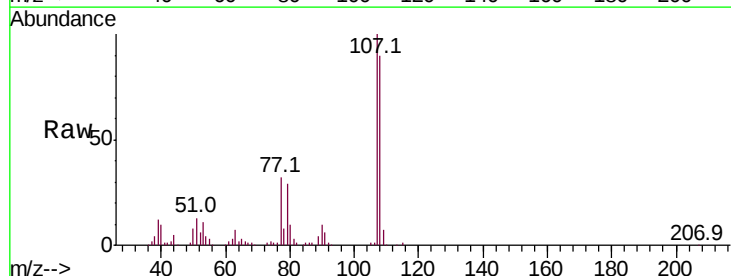


Abundance Ion 70.00 (69.70 to 70.70): BM017058.D (-931) (-)  
Ion 42.00 (41.70 to 42.70): BM017058.D (-931) (-)  
Ion 101.00 (100.70 to 101.70): BM017058.D (-931) (-)  
Ion 130.00 (129.70 to 130.70): BM017058.D (-931) (-)

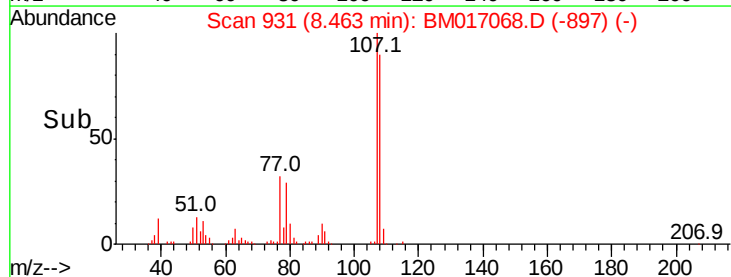
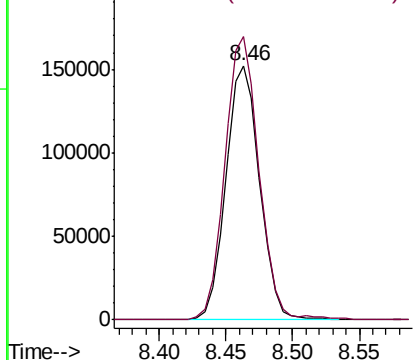


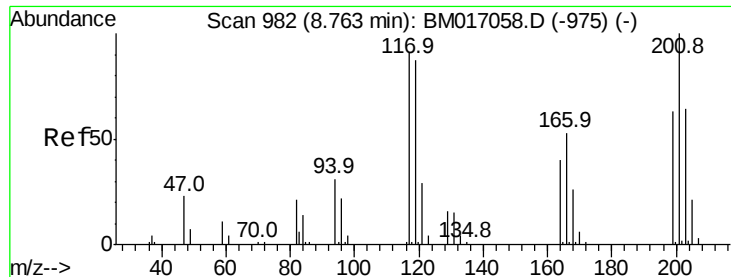
#16  
4-Methylphenol  
Concen: 19.273 ng/ul  
RT: 8.46 min Scan# 931  
Delta R.T. 0.00 min  
Lab File: BM017068.D  
Acq: 08 Oct 2018 16:27

Tgt Ion:108 Resp: 268587  
Ion Ratio Lower Upper  
108 100  
107 111.2 89.8 134.8



Abundance Ion 108.00 (107.70 to 108.70): BM017058.D (-924) (-)  
Ion 107.00 (106.70 to 107.70): BM017058.D (-924) (-)

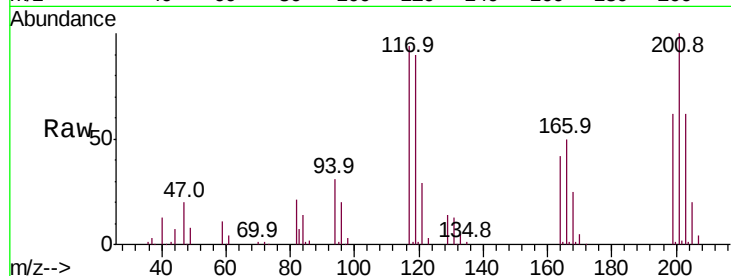




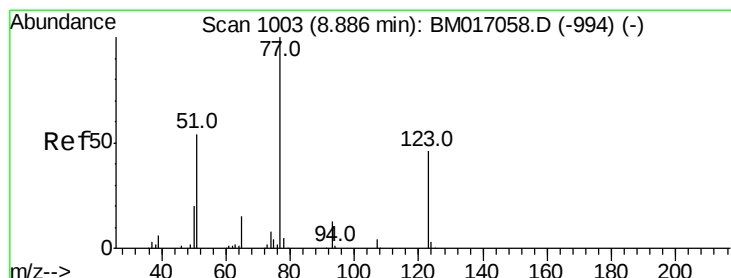
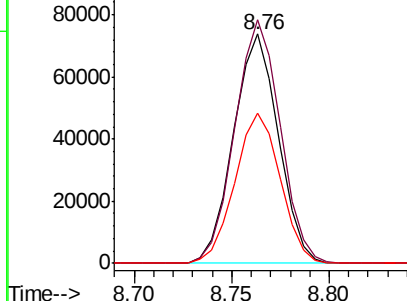
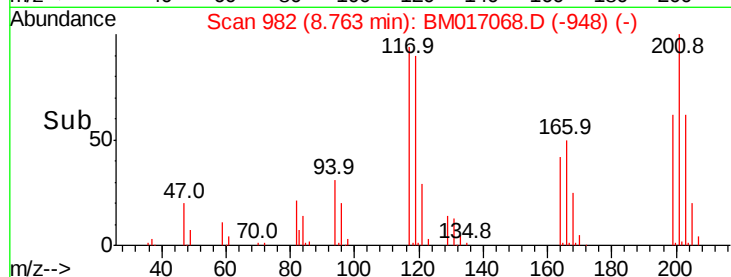
#17  
Hexachloroethane  
Concen: 20.108 ng/ul  
RT: 8.76 min Scan# 982  
Delta R.T. 0.00 min  
Lab File: BM017068.D  
Acq: 08 Oct 2018 16:27

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:117 Resp: 117422  
Ion Ratio Lower Upper  
117 100  
201 106.1 85.1 127.7  
199 65.4 52.3 78.5

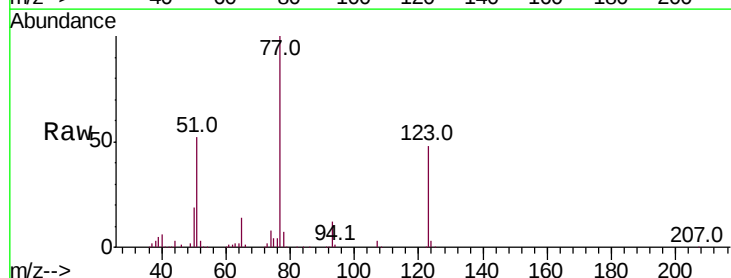


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 201.00 (200.70 to 201.70): E  
Ion 199.00 (198.70 to 199.70): E

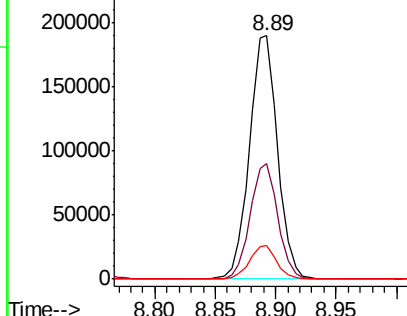
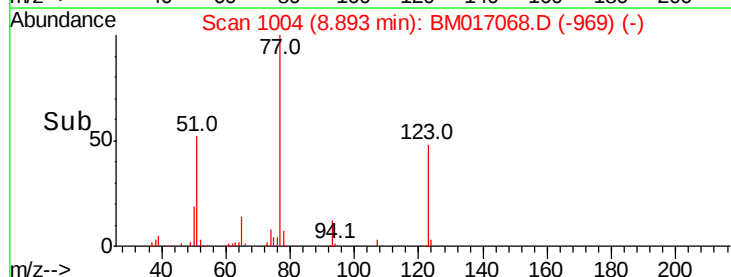


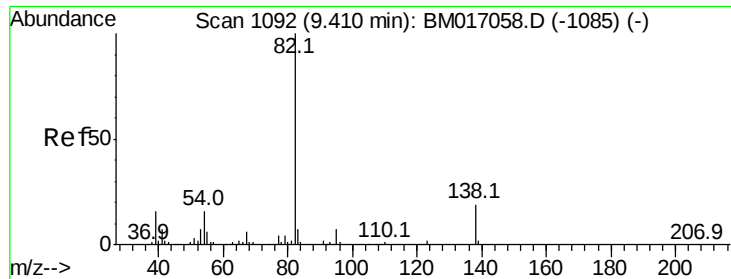
#20  
Nitrobenzene  
Concen: 19.613 ng/ul  
RT: 8.89 min Scan# 1004  
Delta R.T. 0.01 min  
Lab File: BM017068.D  
Acq: 08 Oct 2018 16:27

Tgt Ion: 77 Resp: 307729  
Ion Ratio Lower Upper  
77 100  
123 47.5 37.6 56.4  
65 13.6 10.1 15.1



Abundance Ion 77.00 (76.70 to 77.70): BM0  
Ion 123.00 (122.70 to 123.70): E  
Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 19.230 ng/ul

RT: 9.42 min Scan# 1093

Delta R.T. 0.01 min

Lab File: BM017068.D

Acq: 08 Oct 2018 16:27

Instrument :

BNA\_M

ClientSampleId :

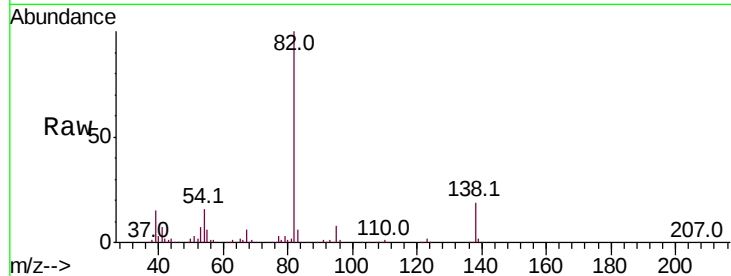
Tot Ion: 82 Resp: 547500

Ion Ratio Lower Upper

82 100

95 7.8 5.8 8.8

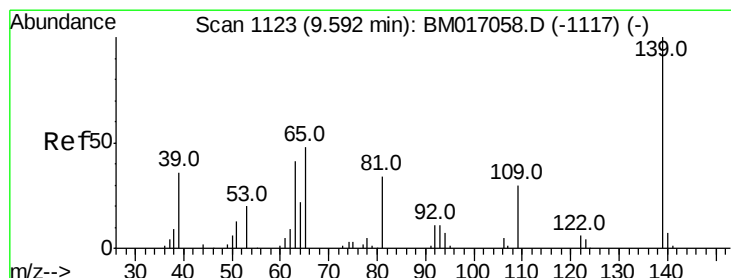
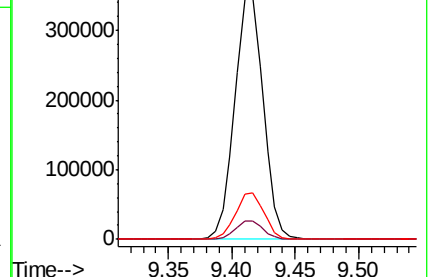
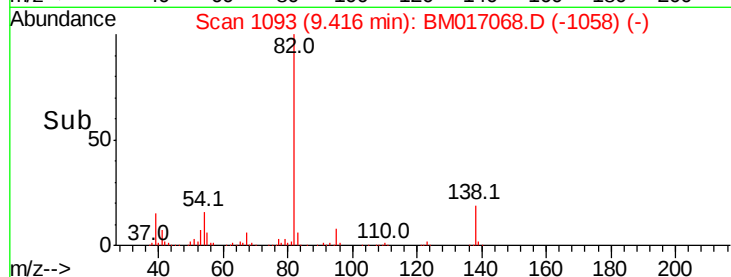
138 19.1 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BM017058.D (-1085) (-)

Ion 95.00 (94.70 to 95.70): BM017058.D (-1085) (-)

Ion 138.00 (137.70 to 138.70): BM017058.D (-1085) (-)



#23

2-Nitrophenol

Concen: 18.613 ng/ul

RT: 9.59 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BM017068.D

Acq: 08 Oct 2018 16:27

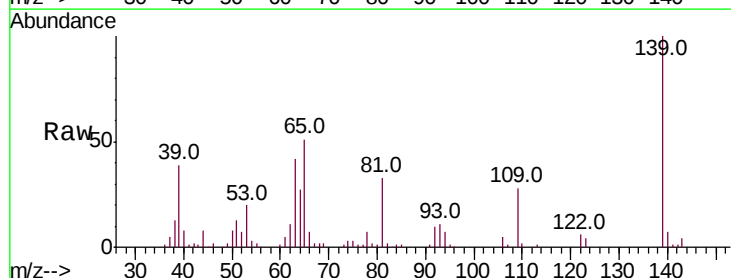
Tgt Ion: 139 Resp: 142018

Ion Ratio Lower Upper

139 100

65 50.6 38.2 57.2

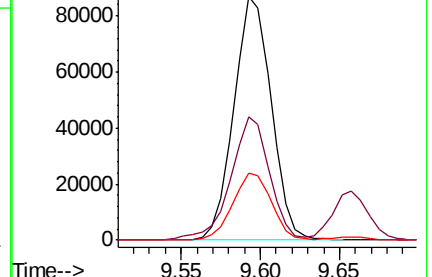
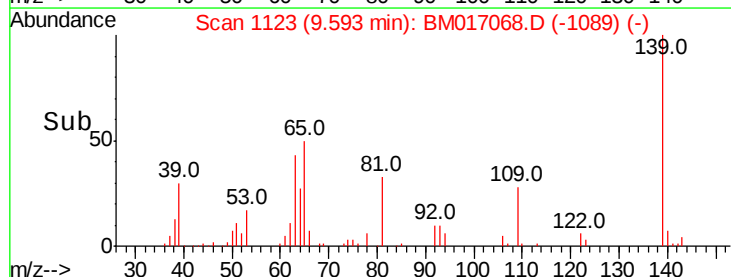
109 27.8 22.7 34.1

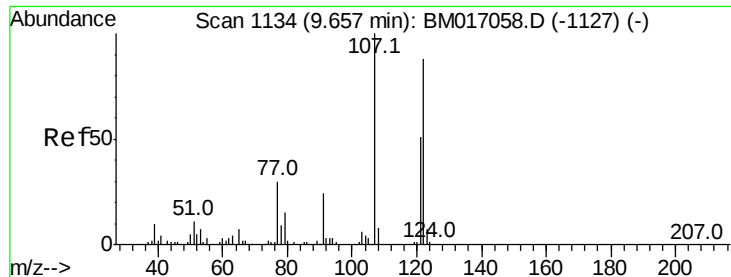


Abundance Ion 139.00 (138.70 to 139.70): BM017058.D (-1117) (-)

Ion 65.00 (64.70 to 65.70): BM017058.D (-1117) (-)

Ion 109.00 (108.70 to 109.70): BM017058.D (-1117) (-)





#24

2,4-Dimethylphenol

Concen: 19.371 ng/ul

RT: 9.66 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BM017068.D

Acq: 08 Oct 2018 16:27

Instrument :

BNA\_M

ClientSampleId :

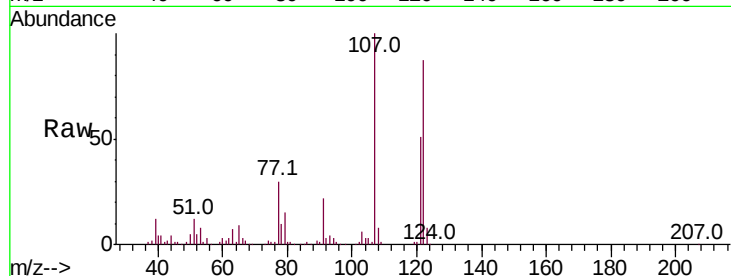
Tot Ion:107 Resp: 299815

Ion Ratio Lower Upper

107 100

121 51.3 42.2 63.2

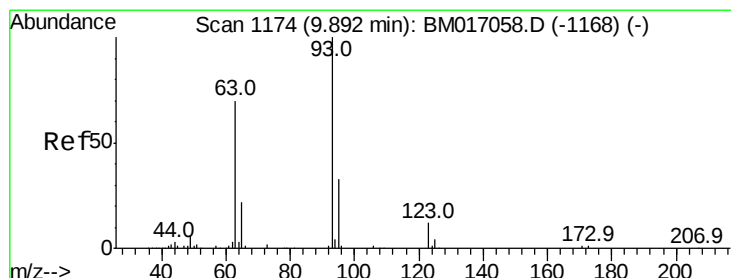
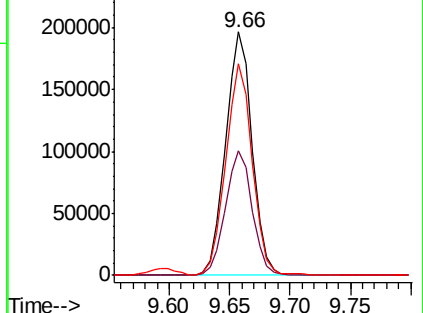
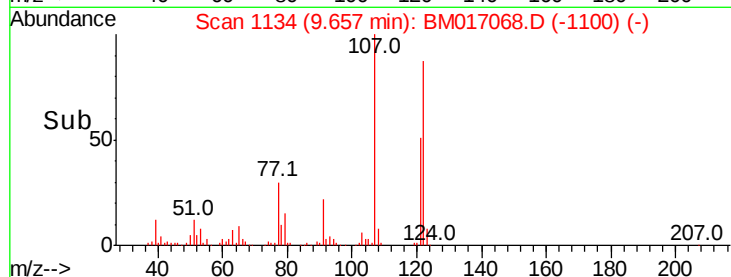
122 86.9 69.4 104.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 19.401 ng/ul

RT: 9.90 min Scan# 1175

Delta R.T. 0.01 min

Lab File: BM017068.D

Acq: 08 Oct 2018 16:27

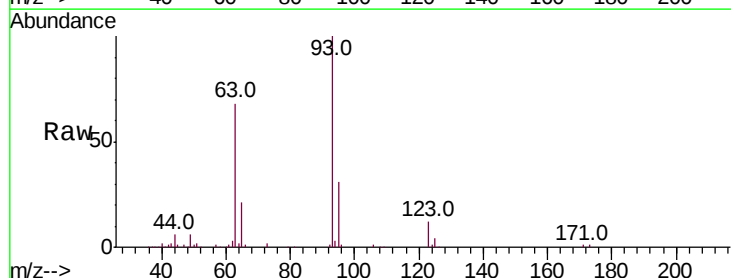
Tgt Ion: 93 Resp: 354595

Ion Ratio Lower Upper

93 100

95 31.1 25.8 38.8

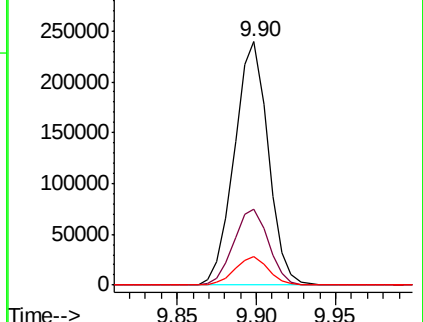
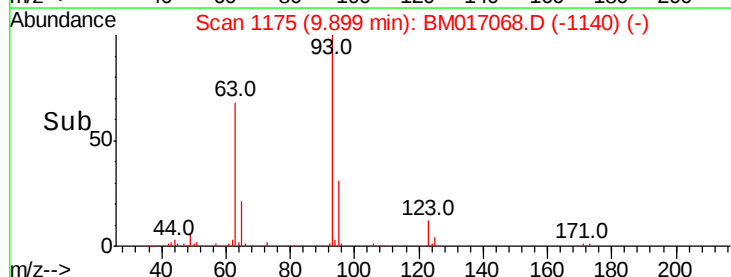
123 11.5 9.4 14.2

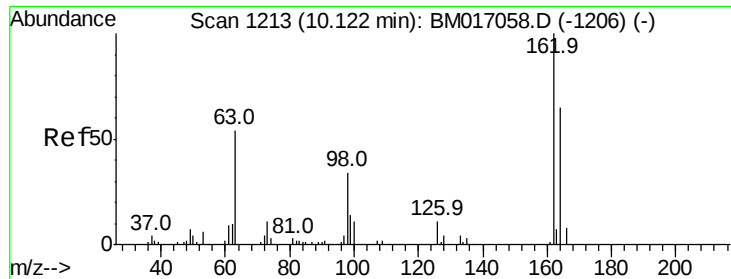


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

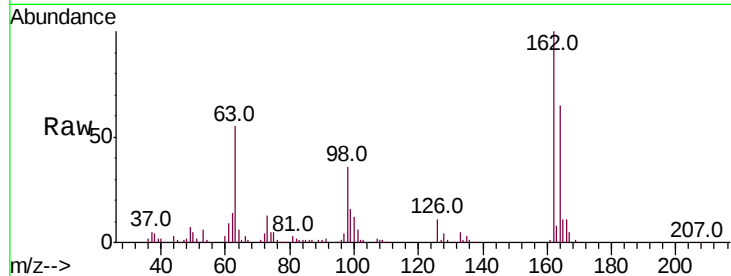




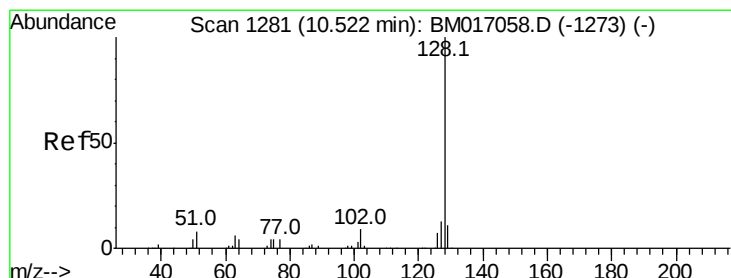
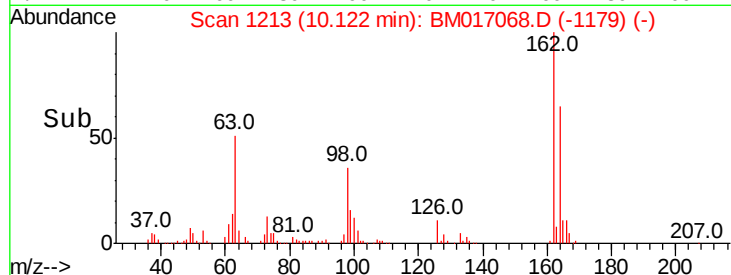
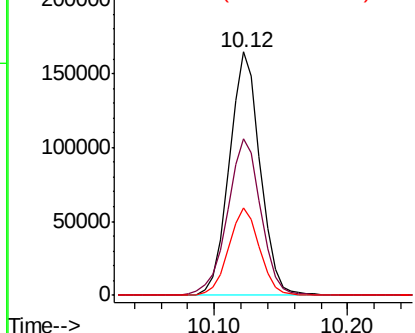
#27  
 2,4-Dichlorophenol  
 Concen: 19.673 ng/ul  
 RT: 10.12 min Scan# 1213  
 Delta R.T. 0.00 min  
 Lab File: BM017068.D  
 Acq: 08 Oct 2018 16:27

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.6  | 52.4  | 78.6  |
| 98      | 35.7  | 28.4  | 42.6  |

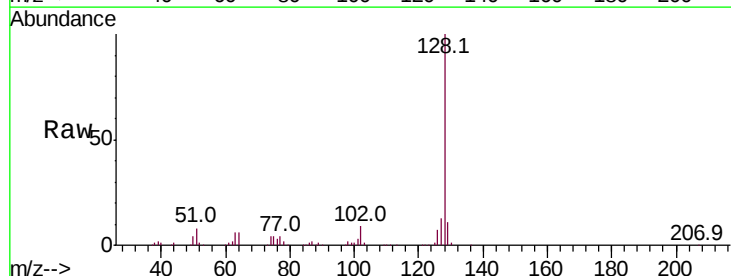


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BM

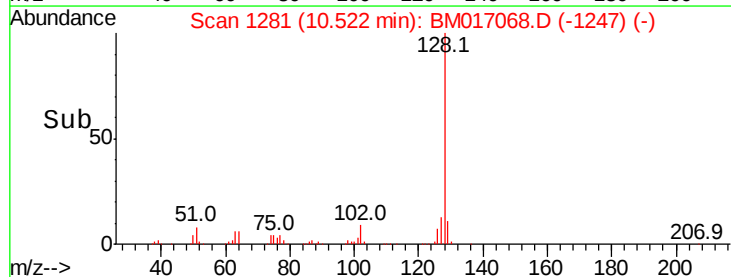
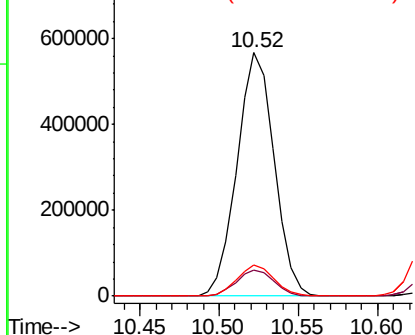


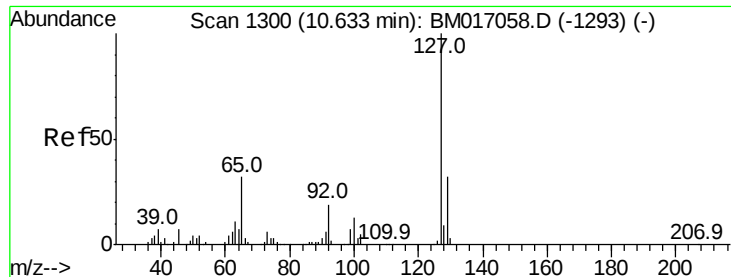
#28  
 Naphthalene  
 Concen: 19.780 ng/ul  
 RT: 10.52 min Scan# 1281  
 Delta R.T. 0.00 min  
 Lab File: BM017068.D  
 Acq: 08 Oct 2018 16:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.8  | 8.7   | 13.1  |
| 127     | 12.8  | 10.5  | 15.7  |



Abundance Ion 128.00 (127.70 to 128.70): E  
 Ion 129.00 (128.70 to 129.70): E  
 Ion 127.00 (126.70 to 127.70): E

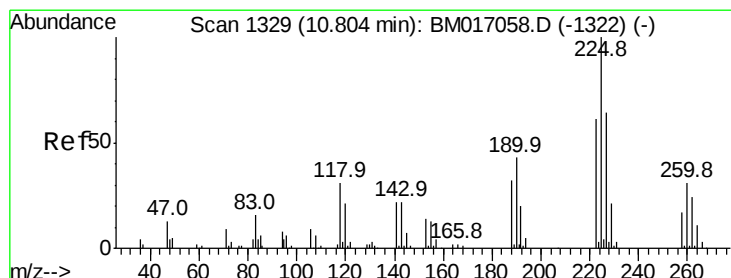
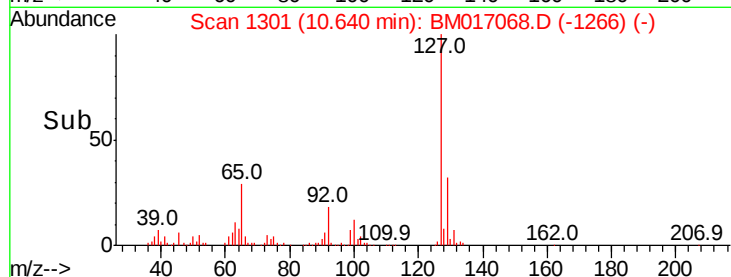
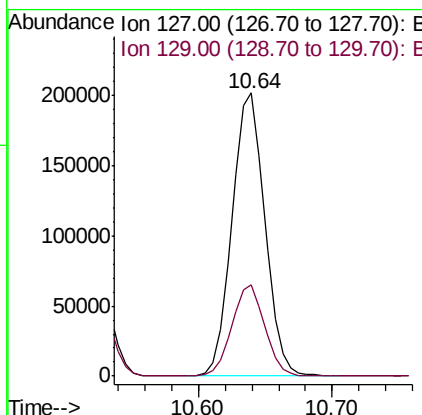
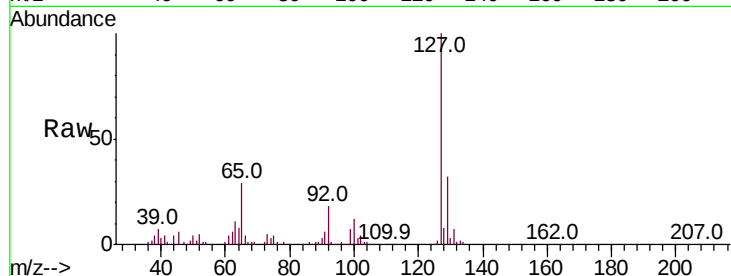




#30  
4-Chloroaniline  
Concen: 20.456 ng/ul  
RT: 10.64 min Scan# 1301  
Delta R.T. 0.01 min  
Lab File: BM017068.D  
Acq: 08 Oct 2018 16:27

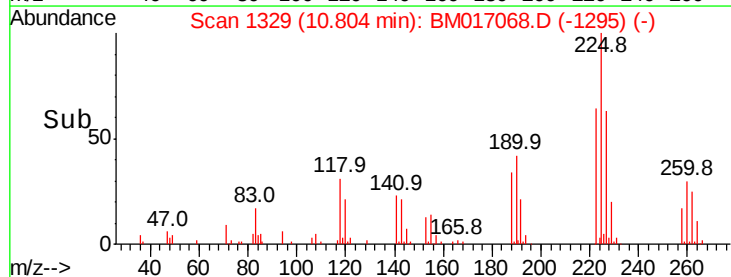
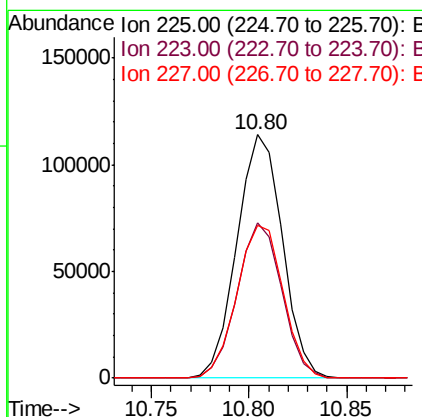
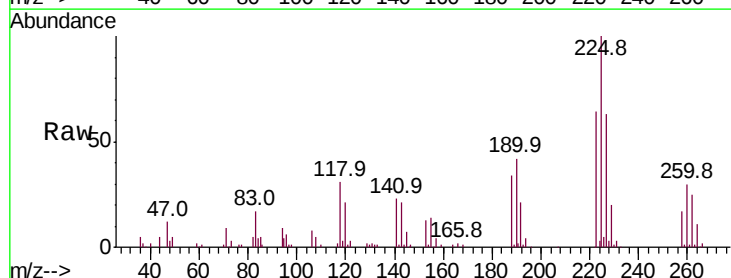
Instrument :  
BNA\_M  
ClientSampleId :

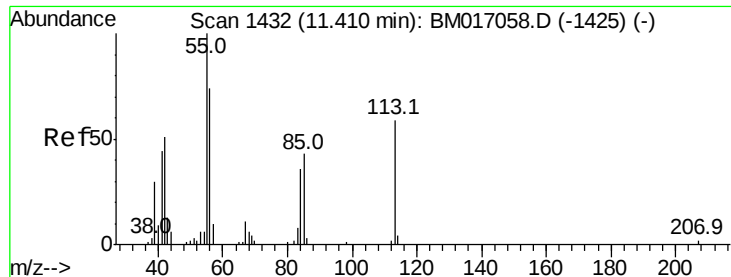
Tot Ion:127 Resp: 346101  
Ion Ratio Lower Upper  
127 100  
129 32.2 25.7 38.5



#31  
Hexachlorobutadiene  
Concen: 20.096 ng/ul  
RT: 10.80 min Scan# 1329  
Delta R.T. 0.00 min  
Lab File: BM017068.D  
Acq: 08 Oct 2018 16:27

Tgt Ion:225 Resp: 184444  
Ion Ratio Lower Upper  
225 100  
223 63.6 48.6 72.8  
227 62.7 49.6 74.4





#32

Caprolactam

Concen: 16.411 ng/ul

RT: 11.41 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BM017068.D

Acq: 08 Oct 2018 16:27

Instrument :

BNA\_M

ClientSampleId :

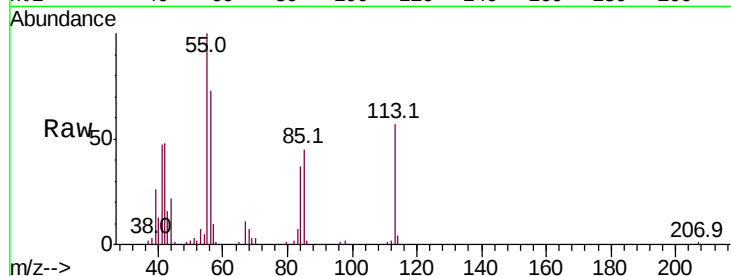
Tot Ion:113 Resp: 67524

Ion Ratio Lower Upper

113 100

55 175.9 133.3 199.9

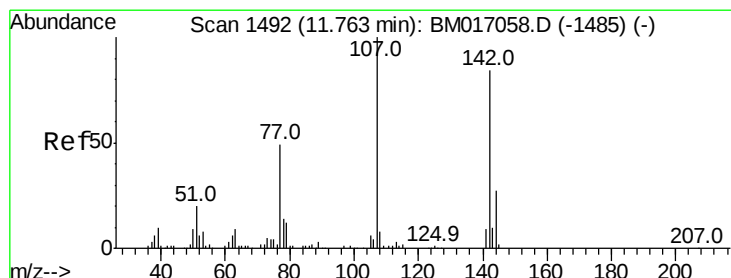
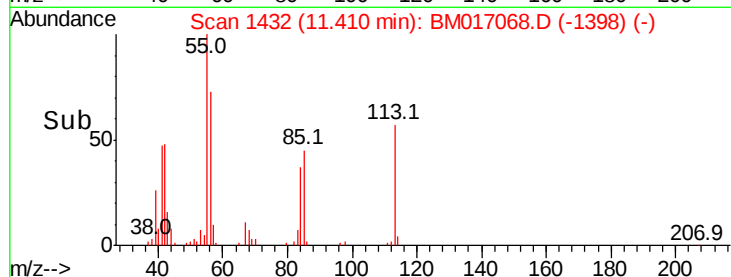
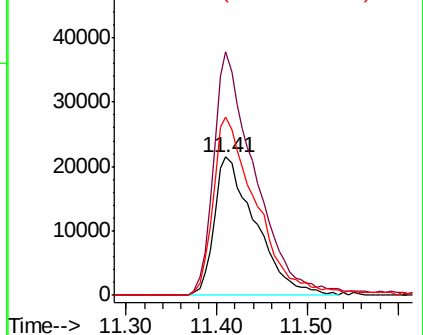
56 129.0 98.9 148.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#33

4-Chloro-3-methylphenol

Concen: 18.907 ng/ul

RT: 11.76 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BM017068.D

Acq: 08 Oct 2018 16:27

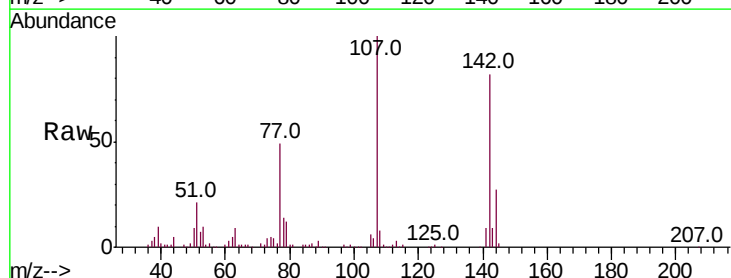
Tgt Ion:107 Resp: 262226

Ion Ratio Lower Upper

107 100

144 26.7 22.2 33.4

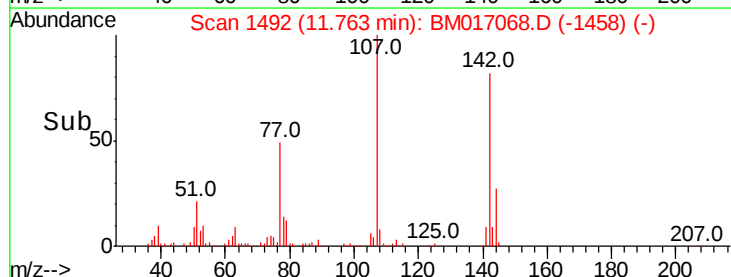
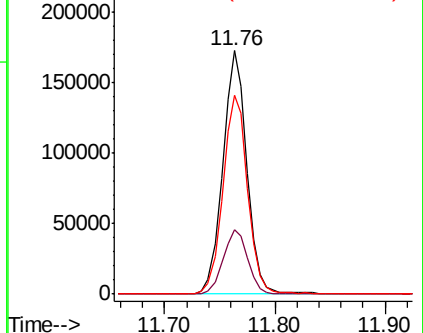
142 81.7 67.0 100.6

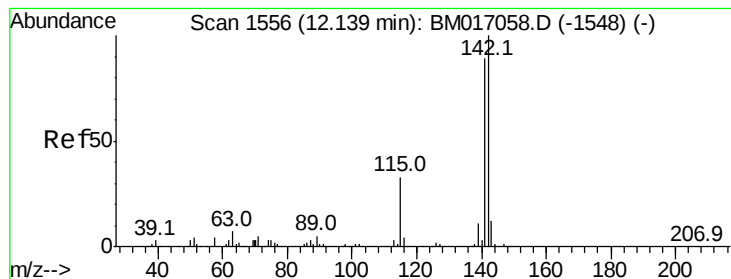


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 19.659 ng/ul

RT: 12.14 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BM017068.D

Acq: 08 Oct 2018 16:27

Instrument :

BNA\_M

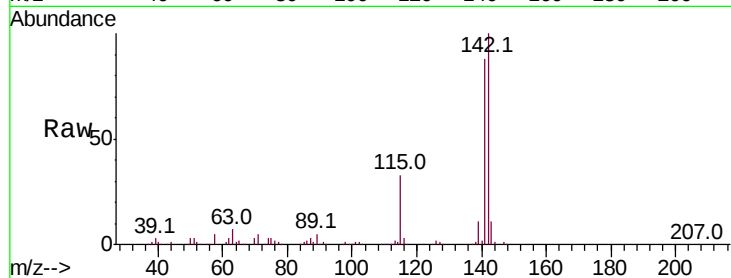
ClientSampleId :

Tot Ion:142 Resp: 647833

Ion Ratio Lower Upper

142 100

141 88.5 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.14

400000

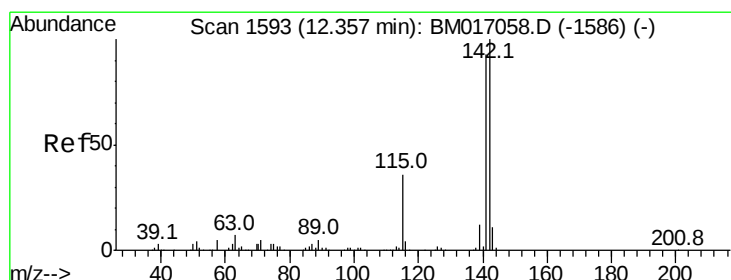
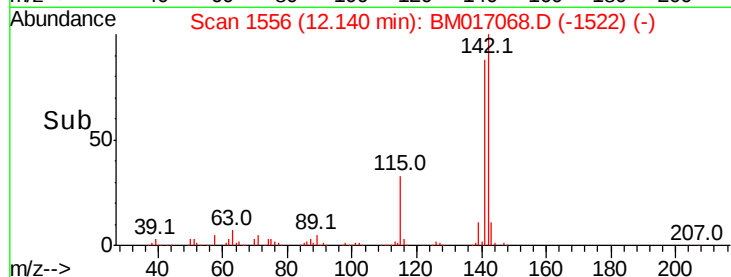
300000

200000

100000

0

Time-->



#35

1-Methylnaphthalene

Concen: 19.484 ng/ul

RT: 12.36 min Scan# 1594

Delta R.T. 0.01 min

Lab File: BM017068.D

Acq: 08 Oct 2018 16:27

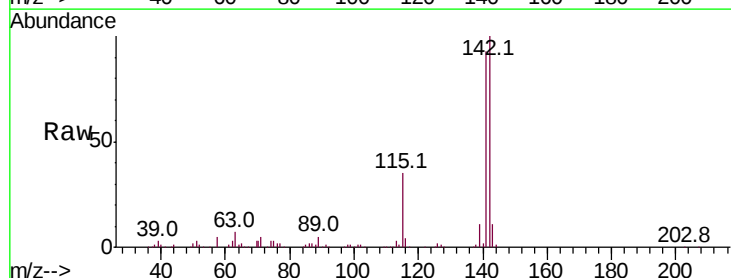
Tgt Ion:142 Resp: 625148

Ion Ratio Lower Upper

142 100

141 92.9 74.2 111.4

116 3.5 2.6 4.0



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

12.36

400000

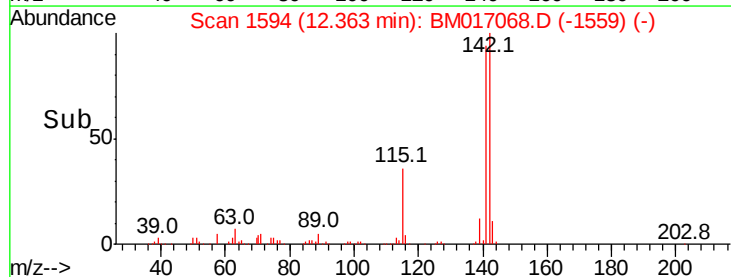
300000

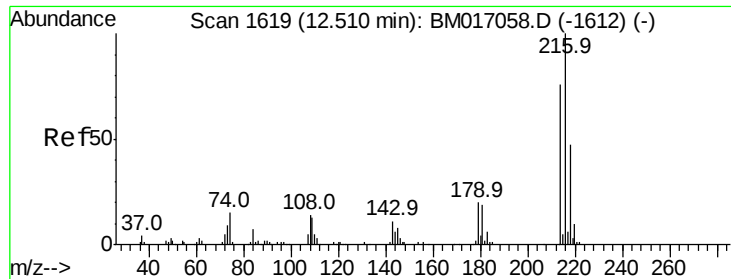
200000

100000

0

Time-->

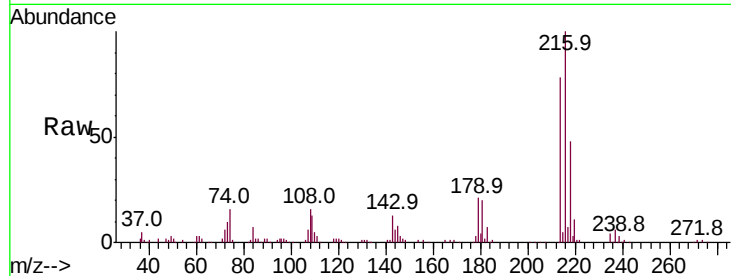




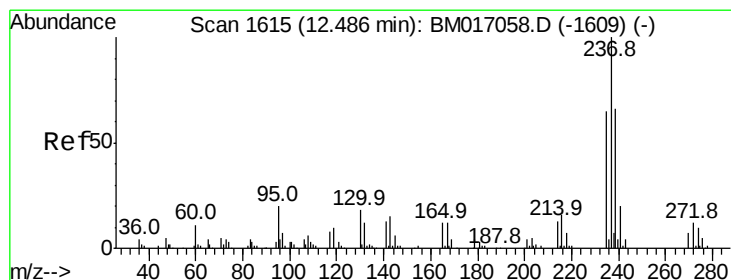
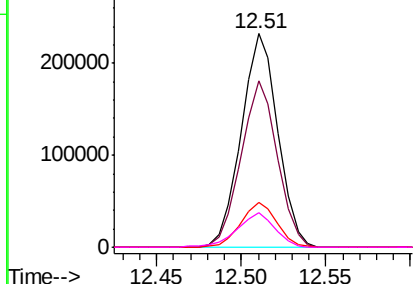
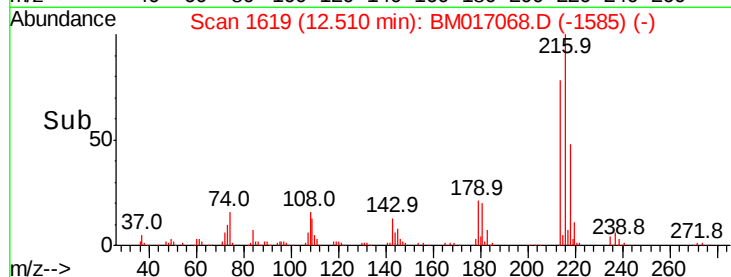
#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 20.972 ng/ul  
 RT: 12.51 min Scan# 1619  
 Delta R.T. 0.00 min  
 Lab File: BM017068.D  
 Acq: 08 Oct 2018 16:27

Instrument :  
 BNA\_M  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 216   | Resp: | 348888 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 78.0  | 61.0  | 91.6   |
| 179      | 21.2  | 16.6  | 24.8   |
| 108      | 16.2  | 12.7  | 19.1   |

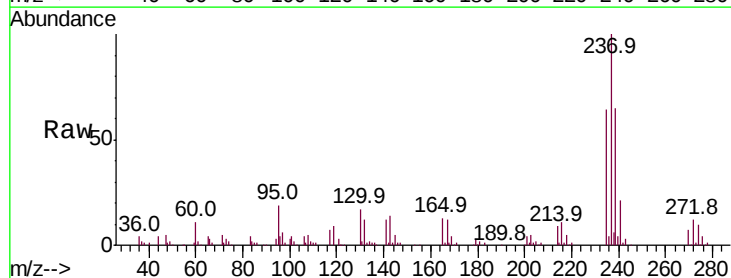


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

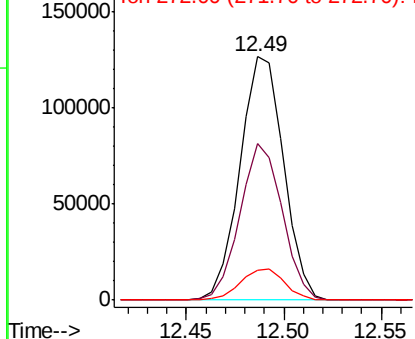
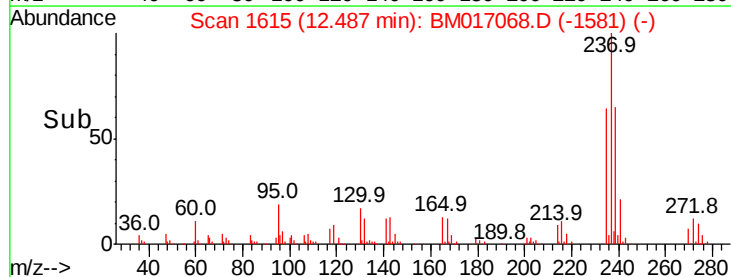


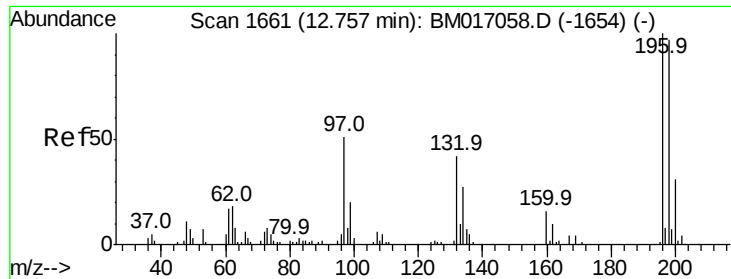
#38  
 Hexachlorocyclopentadiene  
 Concen: 18.391 ng/ul  
 RT: 12.49 min Scan# 1615  
 Delta R.T. 0.00 min  
 Lab File: BM017068.D  
 Acq: 08 Oct 2018 16:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 196185 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 64.5  | 52.1  | 78.1   |
| 272      | 12.4  | 10.4  | 15.6   |



Abundance Ion 237.00 (236.70 to 237.70): E  
 Ion 235.00 (234.70 to 235.70): E  
 Ion 272.00 (271.70 to 272.70): E

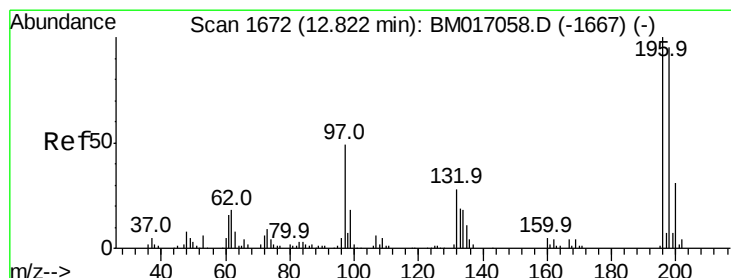
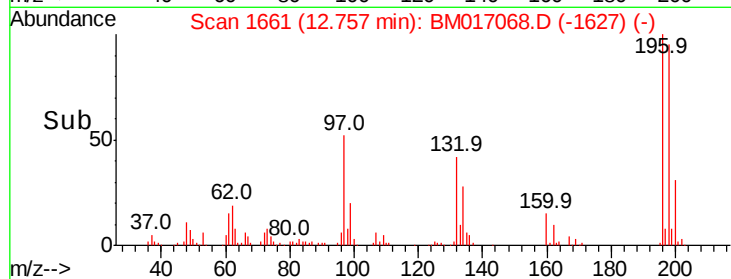
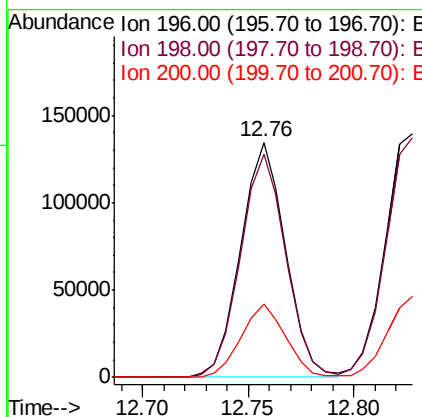
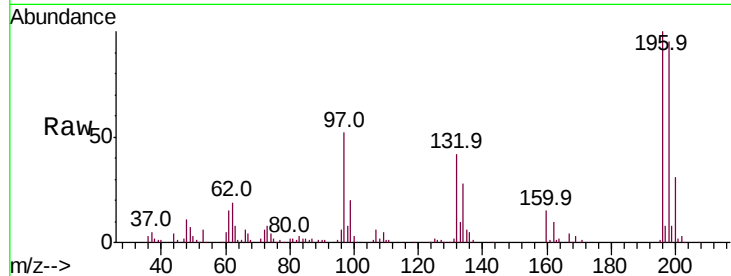




#39  
 2,4,6-Trichlorophenol  
 Concen: 19.769 ng/ul  
 RT: 12.76 min Scan# 1661  
 Delta R.T. 0.00 min  
 Lab File: BM017068.D  
 Acq: 08 Oct 2018 16:27

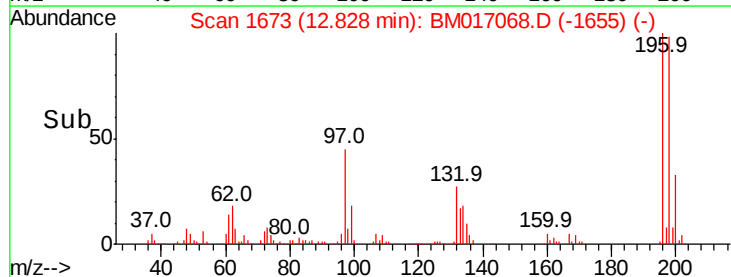
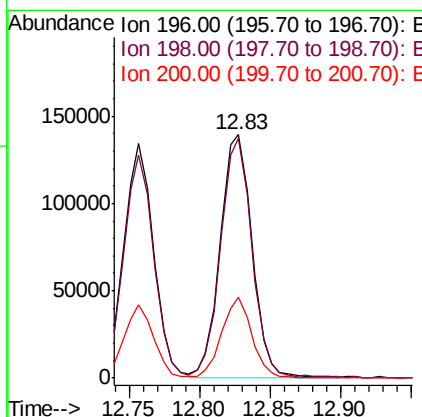
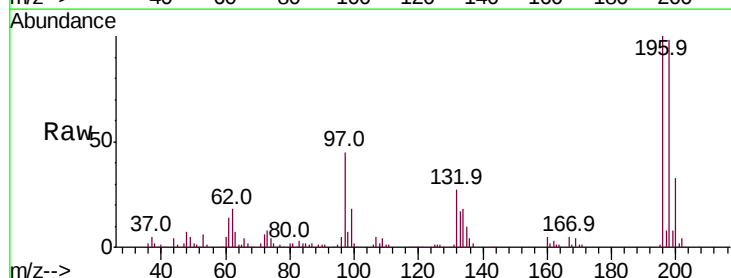
Instrument :  
 BNA\_M  
 ClientSampled :

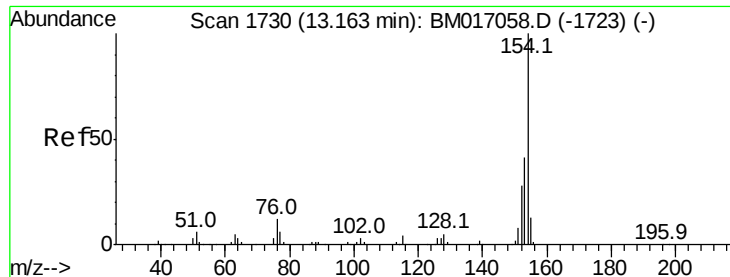
| Tot Ion   | 196   | Resp  | 198466 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 94.9  | 79.9  | 119.9  |
| 200       | 31.4  | 25.6  | 38.4   |



#40  
 2,4,5-Trichlorophenol  
 Concen: 20.220 ng/ul  
 RT: 12.83 min Scan# 1673  
 Delta R.T. 0.01 min  
 Lab File: BM017068.D  
 Acq: 08 Oct 2018 16:27

| Tgt Ion   | 196   | Resp  | 217901 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 98.4  | 79.2  | 118.8  |
| 200       | 33.3  | 25.0  | 37.6   |

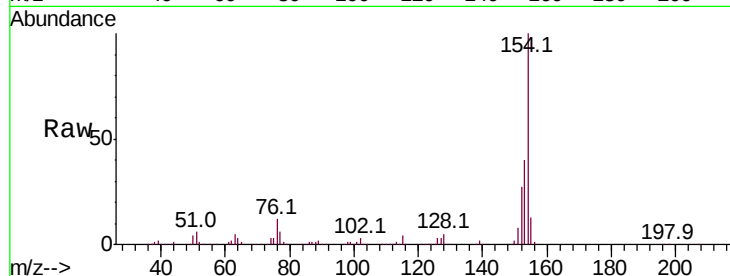




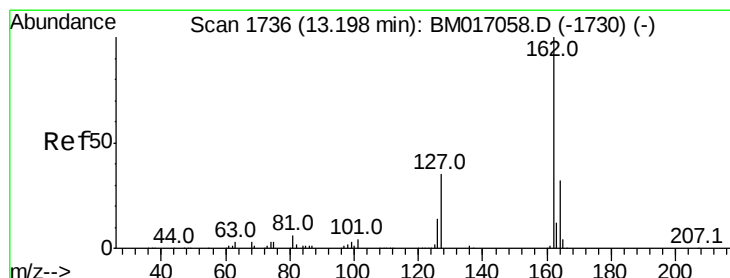
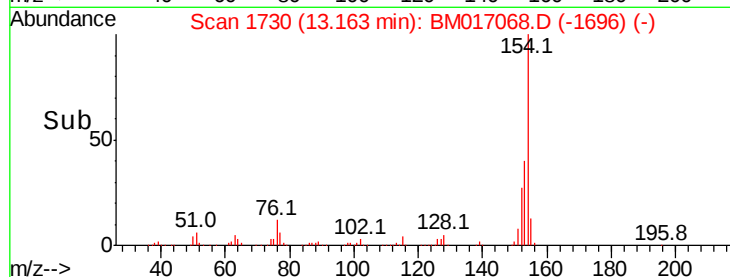
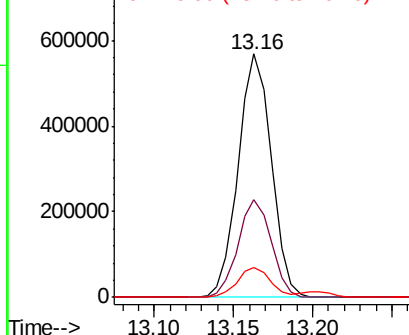
#41  
 1,1'-Biphenyl  
 Concen: 20.657 ng/ul  
 RT: 13.16 min Scan# 1730  
 Delta R.T. 0.00 min  
 Lab File: BM017068.D  
 Acq: 08 Oct 2018 16:27

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.2  | 32.0  | 48.0  |
| 76      | 12.1  | 10.2  | 15.2  |

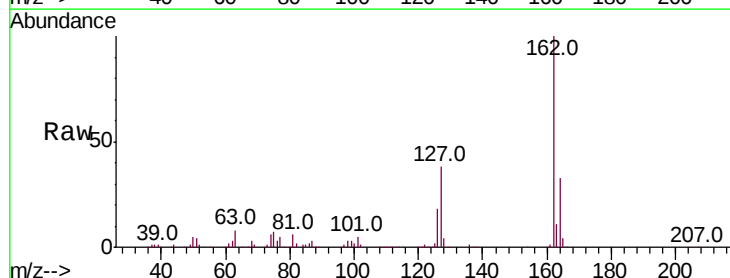


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BM

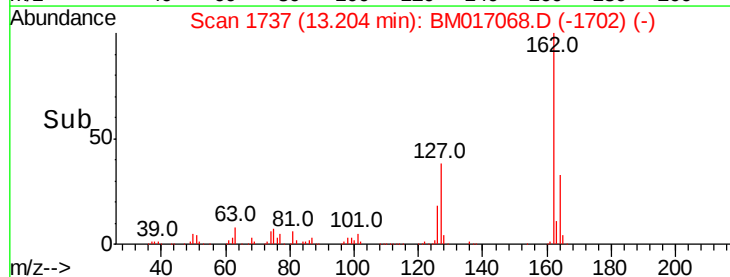
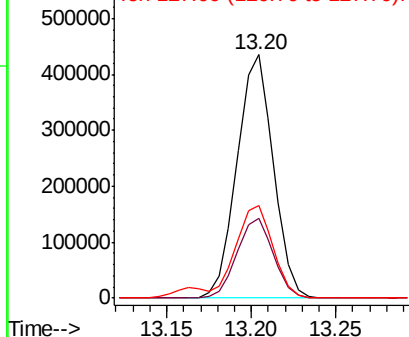


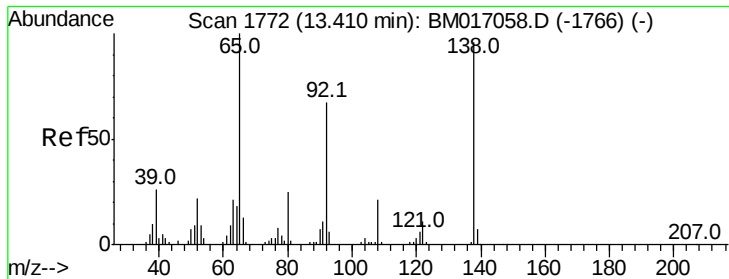
#42  
 2-Chloronaphthalene  
 Concen: 20.711 ng/ul  
 RT: 13.20 min Scan# 1737  
 Delta R.T. 0.01 min  
 Lab File: BM017068.D  
 Acq: 08 Oct 2018 16:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 32.7  | 26.9  | 40.3  |
| 127     | 38.1  | 30.7  | 46.1  |



Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 127.00 (126.70 to 127.70): E

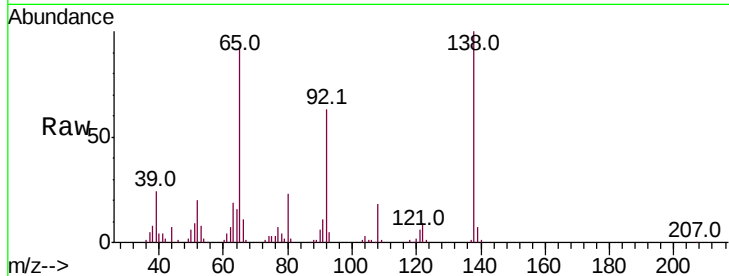




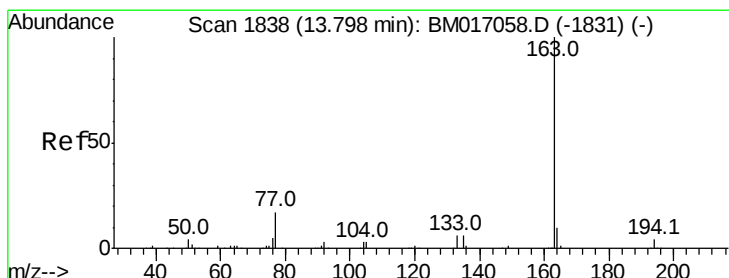
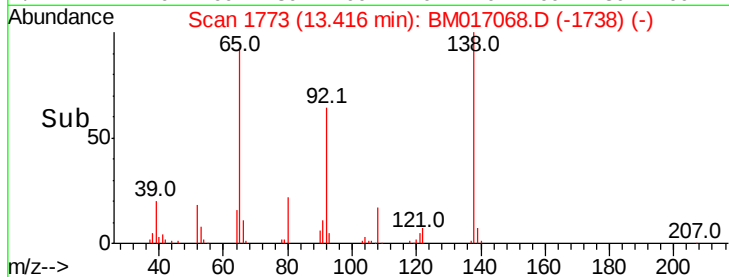
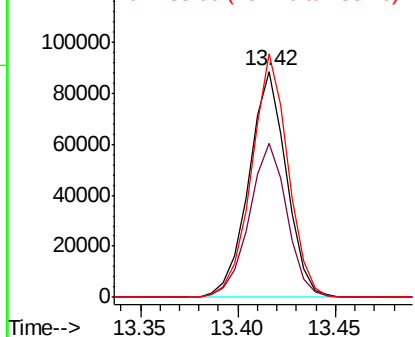
#43  
2-Nitroaniline  
Concen: 17.219 ng/ul  
RT: 13.42 min Scan# 1773  
Delta R.T. 0.01 min  
Lab File: BM017068.D  
Acq: 08 Oct 2018 16:27

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion: 65 Resp: 118234  
Ion Ratio Lower Upper  
65 100  
92 68.2 55.8 83.8  
138 107.7 84.1 126.1

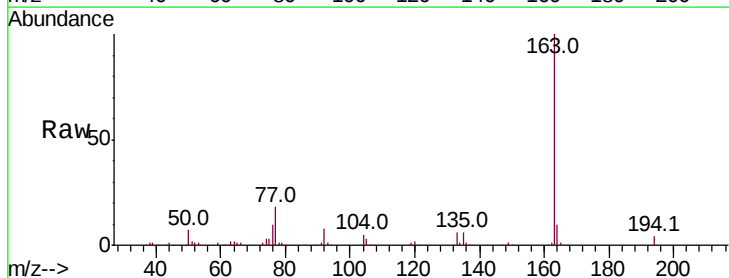


Abundance Ion 65.00 (64.70 to 65.70): BM017058.D (-1766) (-)  
Ion 92.00 (91.70 to 92.70): BM017058.D (-1766) (-)  
Ion 138.00 (137.70 to 138.70): BM017058.D (-1766) (-)

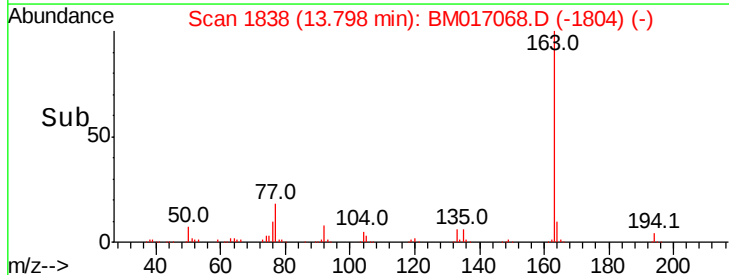
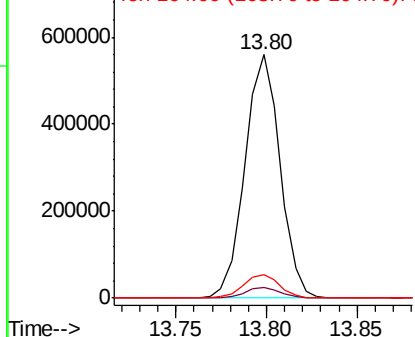


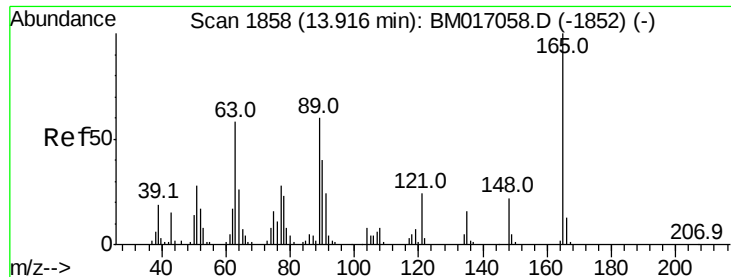
#45  
Dimethylphthalate  
Concen: 19.712 ng/ul  
RT: 13.80 min Scan# 1838  
Delta R.T. 0.00 min  
Lab File: BM017068.D  
Acq: 08 Oct 2018 16:27

Tgt Ion:163 Resp: 750267  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.3 4.9  
164 9.6 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): BM017058.D (-1831) (-)  
Ion 194.00 (193.70 to 194.70): BM017058.D (-1831) (-)  
Ion 164.00 (163.70 to 164.70): BM017058.D (-1831) (-)

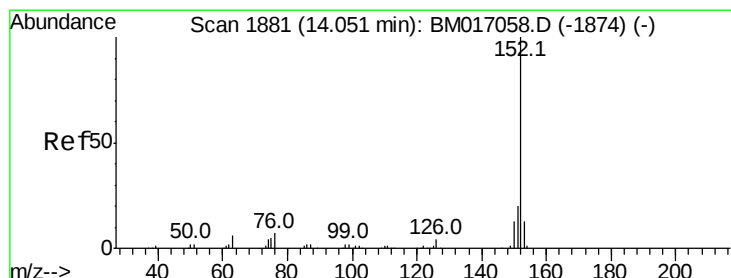
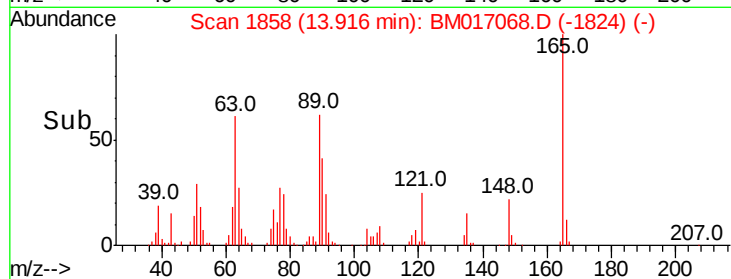
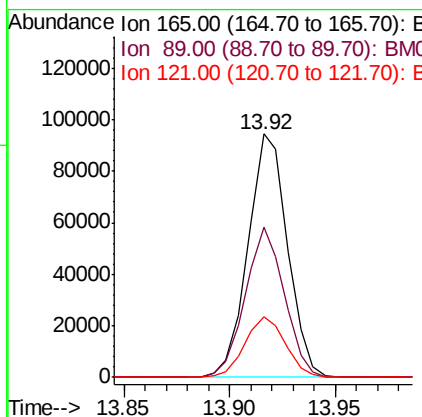
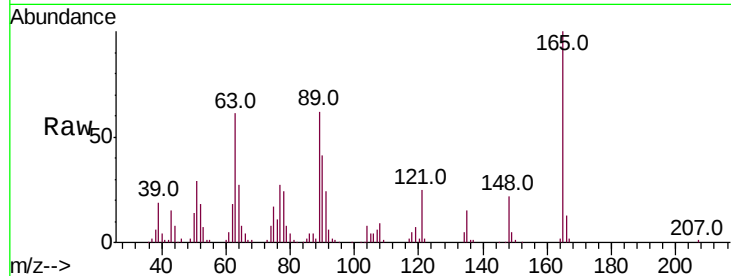




#46  
2,6-Dinitrotoluene  
Concen: 19.146 ng/ul  
RT: 13.92 min Scan# 1858  
Delta R.T. 0.00 min  
Lab File: BM017068.D  
Acq: 08 Oct 2018 16:27

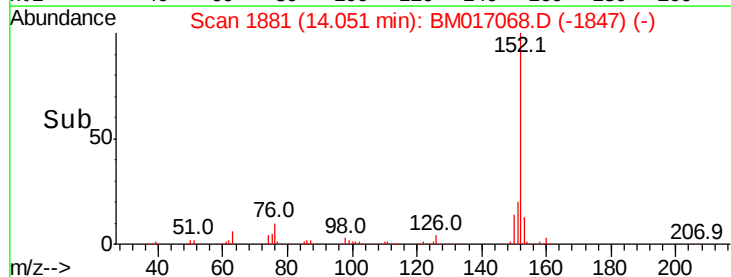
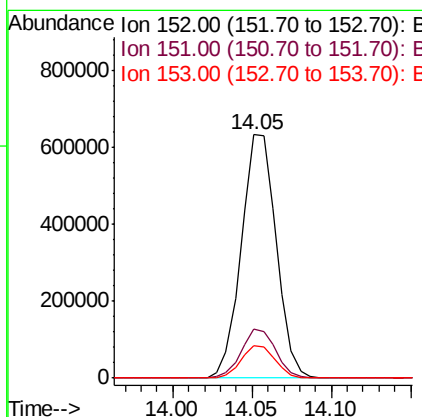
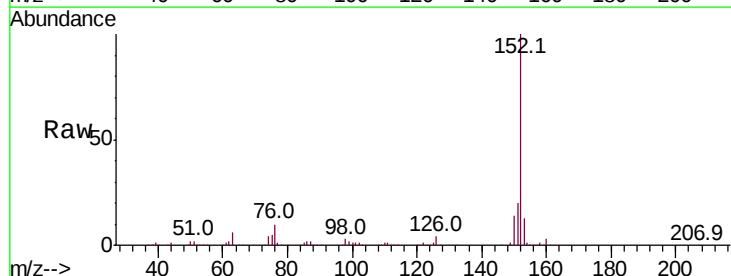
Instrument :  
BNA\_M  
ClientSampleId :

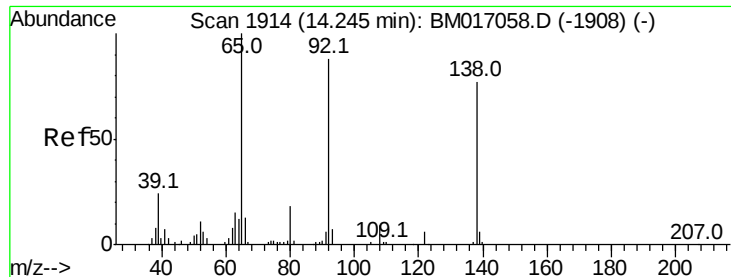
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 89      | 61.7  | 43.0  | 64.6  |
| 121     | 24.7  | 18.0  | 27.0  |



#48  
Acenaphthylene  
Concen: 20.546 ng/ul  
RT: 14.05 min Scan# 1881  
Delta R.T. 0.00 min  
Lab File: BM017068.D  
Acq: 08 Oct 2018 16:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.2  | 15.7  | 23.5  |
| 153     | 13.4  | 10.2  | 15.4  |

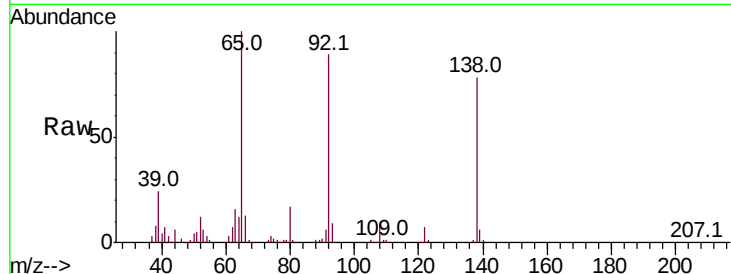




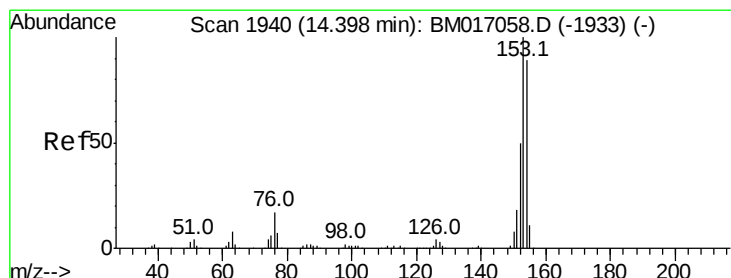
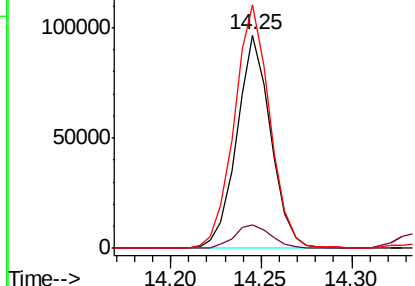
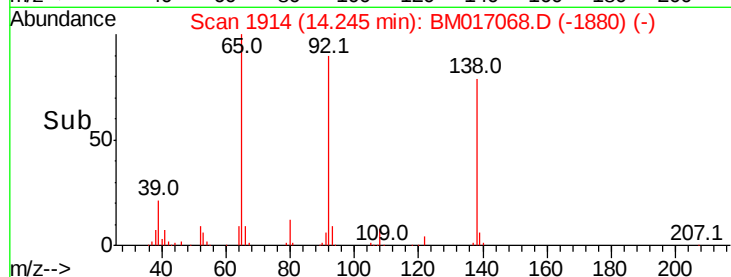
#49  
3-Nitroaniline  
Concen: 17.603 ng/ul  
RT: 14.25 min Scan# 1914  
Delta R.T. 0.00 min  
Lab File: BM017068.D  
Acq: 08 Oct 2018 16:27

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:138 Resp: 125460  
Ion Ratio Lower Upper  
138 100  
108 11.2 9.6 14.4  
92 114.3 88.5 132.7

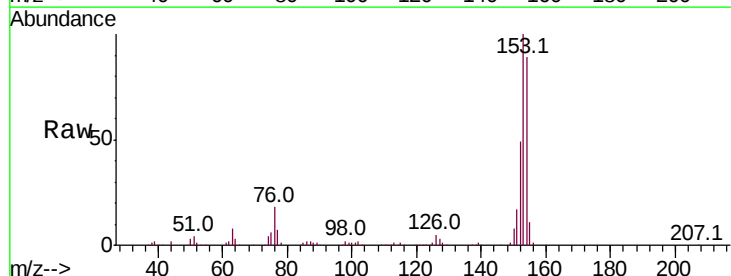


Abundance Ion 138.00 (137.70 to 138.70): E  
150000  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BM

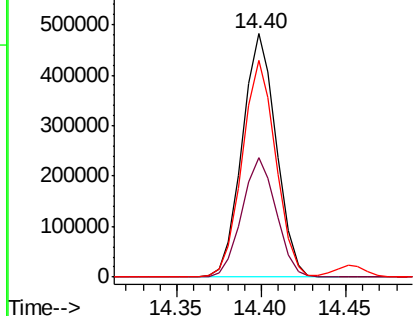
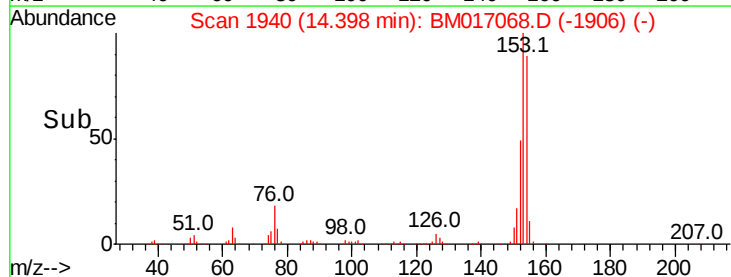


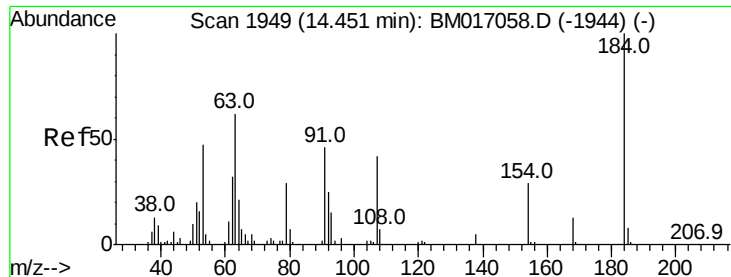
#50  
Acenaphthene  
Concen: 20.255 ng/ul  
RT: 14.40 min Scan# 1940  
Delta R.T. 0.00 min  
Lab File: BM017068.D  
Acq: 08 Oct 2018 16:27

Tgt Ion:153 Resp: 677293  
Ion Ratio Lower Upper  
153 100  
152 49.1 38.3 57.5  
154 88.8 71.0 106.6



Abundance Ion 153.00 (152.70 to 153.70): E  
600000  
Ion 152.00 (151.70 to 152.70): E  
Ion 154.00 (153.70 to 154.70): E

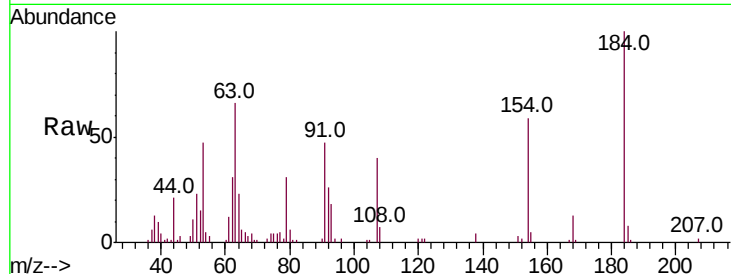




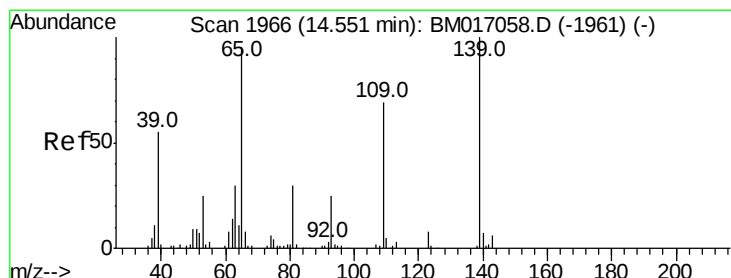
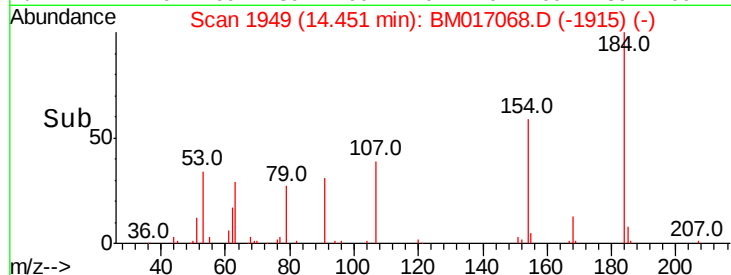
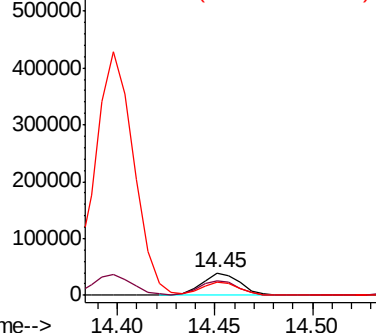
#51  
2,4-Dinitrophenol  
Concen: 13.264 ng/ul  
RT: 14.45 min Scan# 1949  
Delta R.T. 0.00 min  
Lab File: BM017068.D  
Acq: 08 Oct 2018 16:27

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:184 Resp: 54831  
Ion Ratio Lower Upper  
184 100  
63 66.1 52.2 78.2  
154 59.0 47.6 71.4

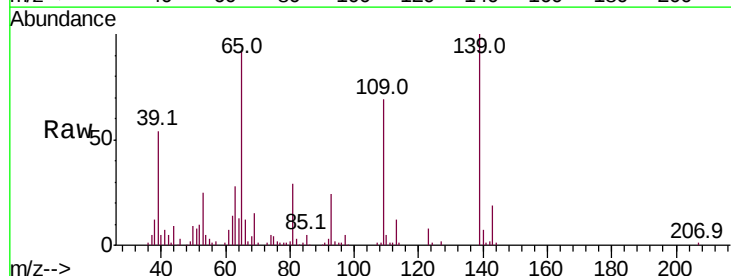


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BM  
Ion 154.00 (153.70 to 154.70): E

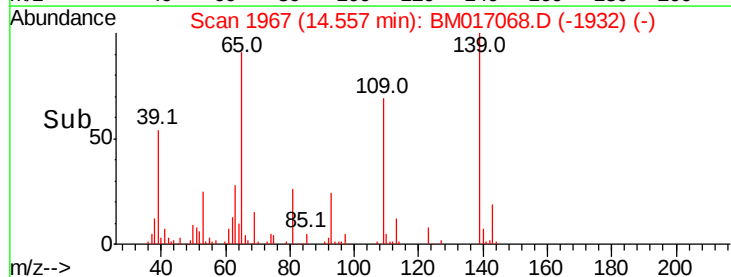
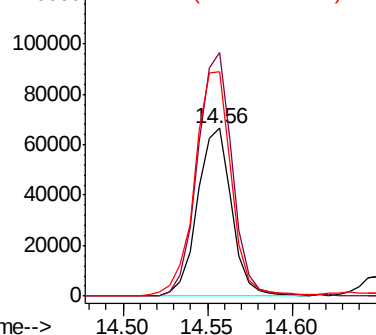


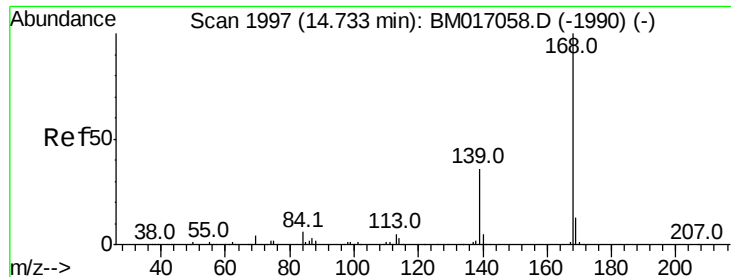
#53  
4-Nitrophenol  
Concen: 17.722 ng/ul  
RT: 14.56 min Scan# 1967  
Delta R.T. 0.01 min  
Lab File: BM017068.D  
Acq: 08 Oct 2018 16:27

Tgt Ion:109 Resp: 93451  
Ion Ratio Lower Upper  
109 100  
139 145.3 114.1 171.1  
65 133.5 109.8 164.6



Abundance Ion 109.00 (108.70 to 109.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 65.00 (64.70 to 65.70): BM





#54

Dibenzofuran

Concen: 20.184 ng/ul

RT: 14.73 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BM017068.D

Acq: 08 Oct 2018 16:27

Instrument :

BNA\_M

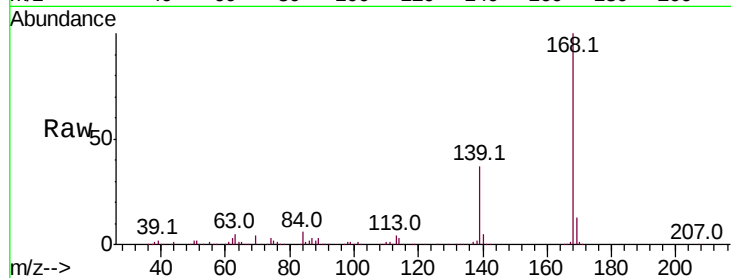
ClientSampleId :

Tot Ion:168 Resp: 952996

Ion Ratio Lower Upper

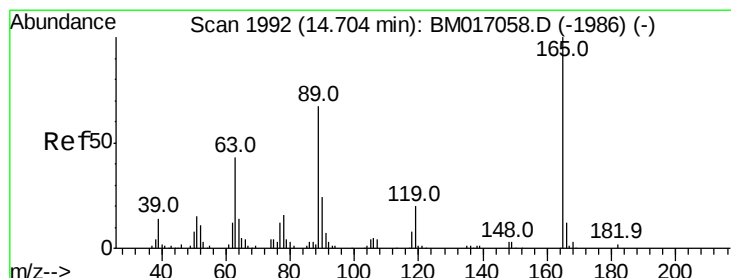
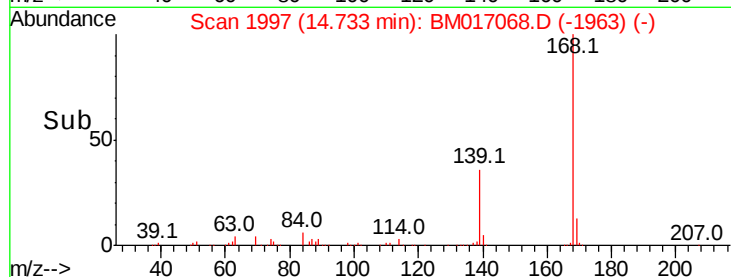
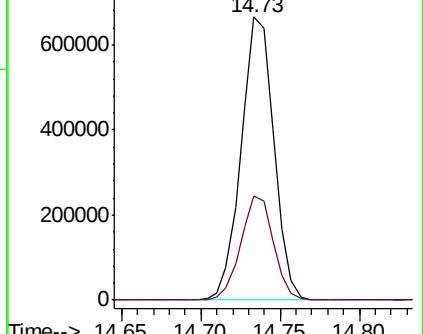
168 100

139 37.0 29.8 44.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 19.601 ng/ul

RT: 14.70 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BM017068.D

Acq: 08 Oct 2018 16:27

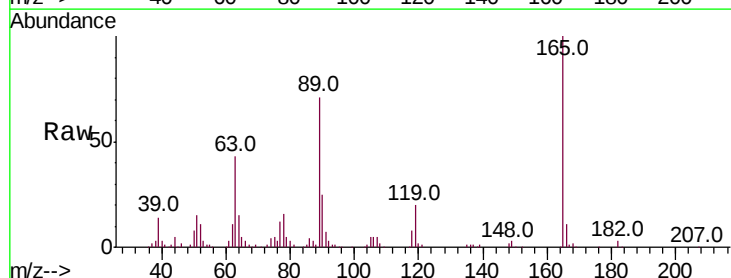
Tgt Ion:165 Resp: 203222

Ion Ratio Lower Upper

165 100

63 42.8 32.6 48.8

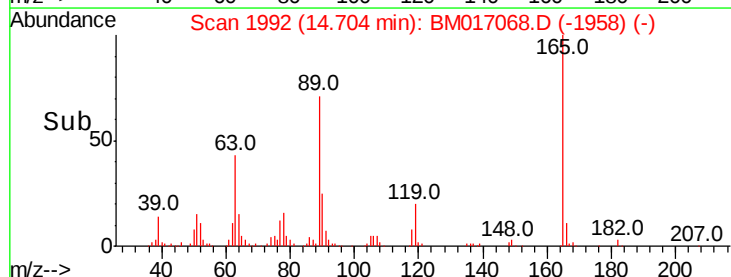
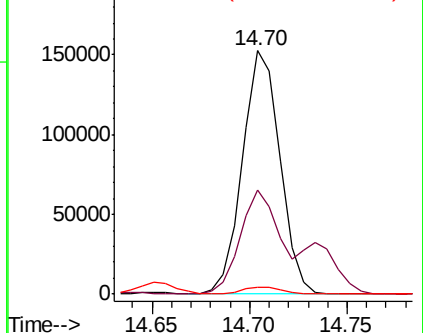
182 3.0 2.3 3.5

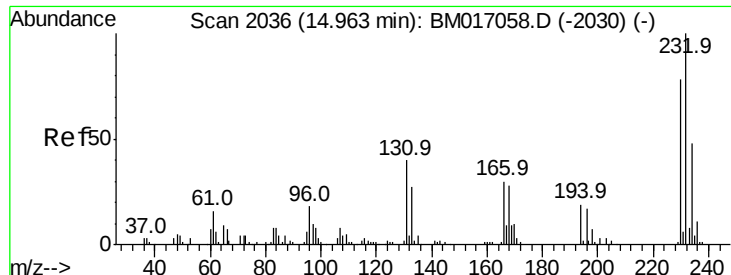


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E

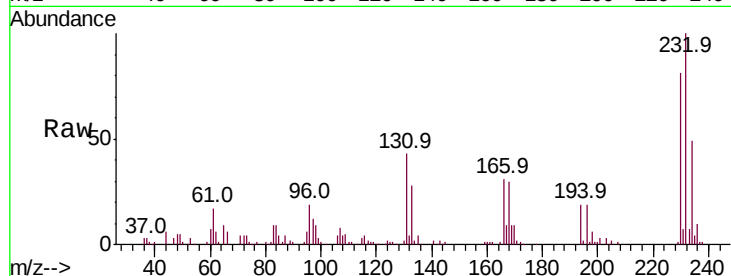




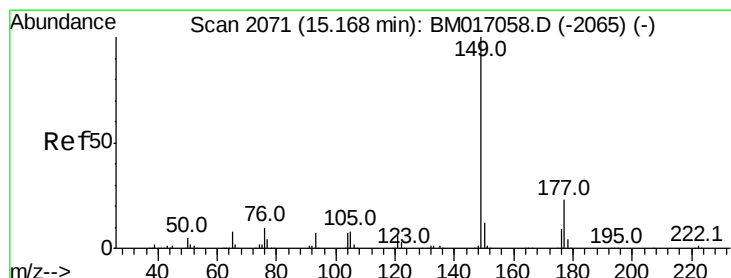
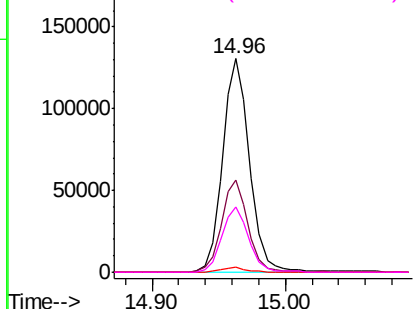
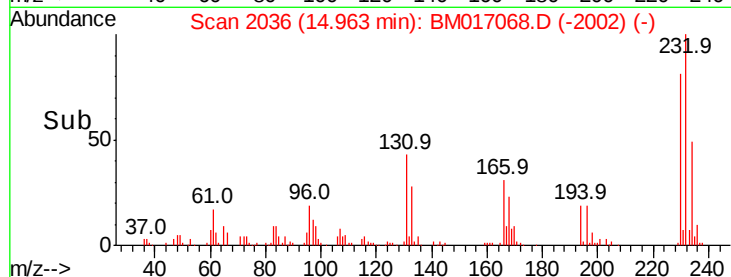
#56  
 2,3,4,6-Tetrachlorophenol  
 Concen: 19.085 ng/ul  
 RT: 14.96 min Scan# 2036  
 Delta R.T. 0.00 min  
 Lab File: BM017068.D  
 Acq: 08 Oct 2018 16:27

Instrument :  
 BNA\_M  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 184525 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 43.0  | 33.8  | 50.6   |
| 130      | 2.4   | 1.7   | 2.5    |
| 166      | 30.7  | 24.6  | 37.0   |

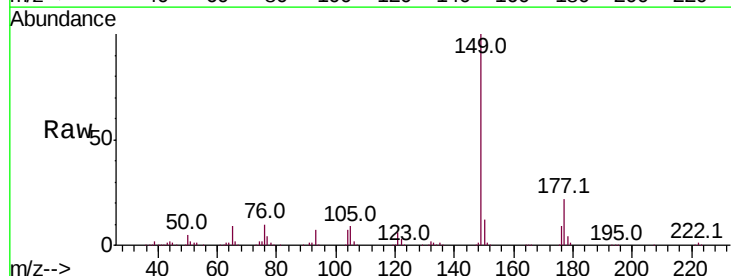


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

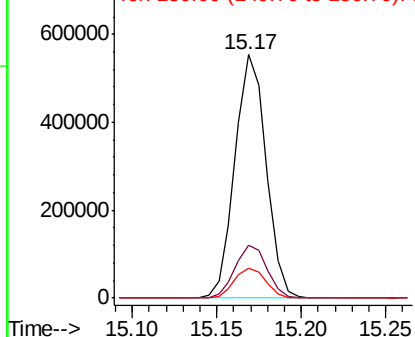
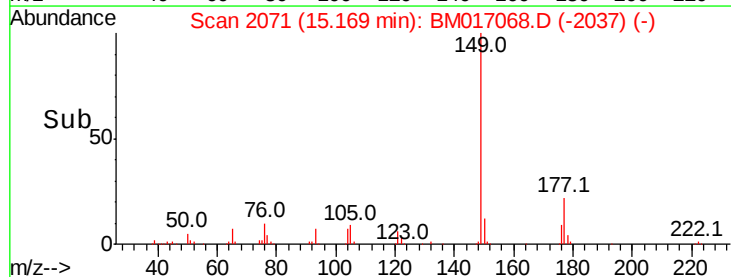


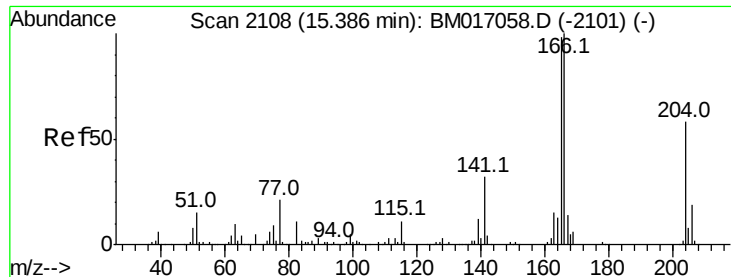
#57  
 Diethylphthalate  
 Concen: 19.166 ng/ul  
 RT: 15.17 min Scan# 2071  
 Delta R.T. 0.00 min  
 Lab File: BM017068.D  
 Acq: 08 Oct 2018 16:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 713478 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 21.8  | 17.8  | 26.8   |
| 150      | 12.0  | 9.4   | 14.2   |



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 177.00 (176.70 to 177.70): E  
 Ion 150.00 (149.70 to 150.70): E

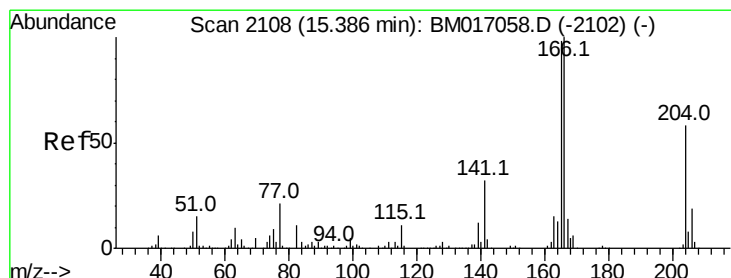
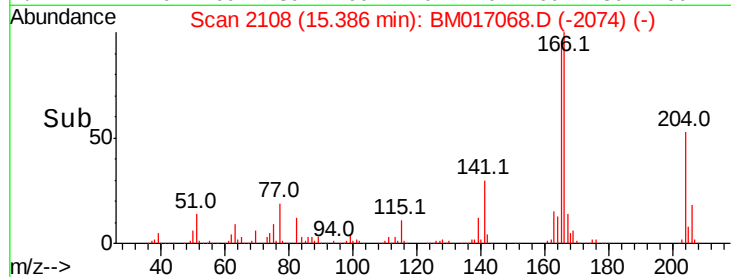
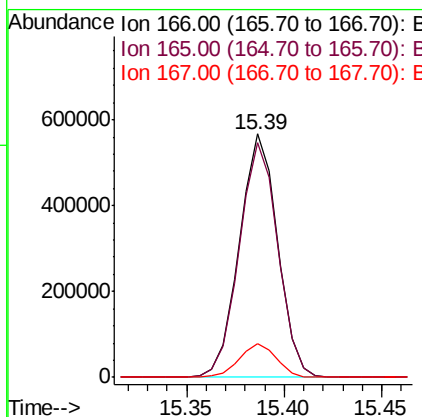
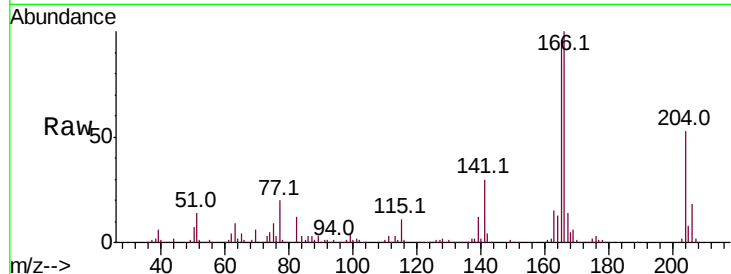




#59  
**Fluorene**  
 Concen: 19.975 ng/ul  
 RT: 15.39 min Scan# 2108  
 Delta R.T. 0.00 min  
 Lab File: BM017068.D  
 Acq: 08 Oct 2018 16:27

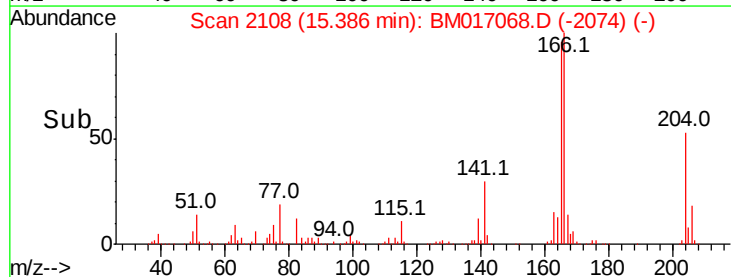
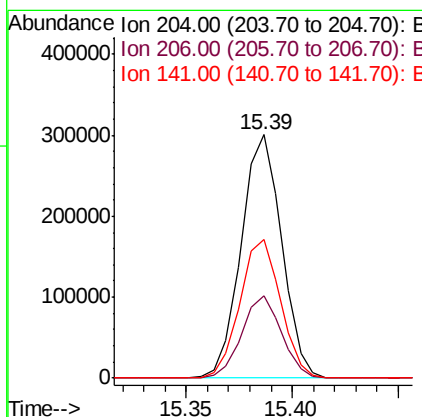
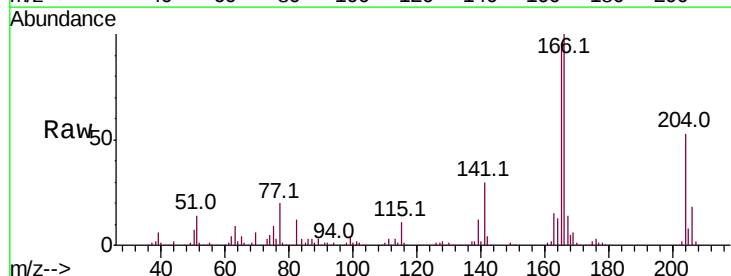
Instrument :  
 BNA\_M  
 ClientSampleId :

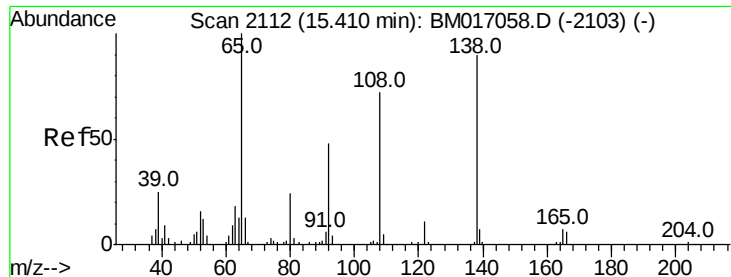
Tot Ion:166 Resp: 768948  
 Ion Ratio Lower Upper  
 166 100  
 165 96.5 77.3 115.9  
 167 13.7 10.7 16.1



#60  
**4-Chlorophenyl-phenylether**  
 Concen: 19.970 ng/ul  
 RT: 15.39 min Scan# 2108  
 Delta R.T. 0.00 min  
 Lab File: BM017068.D  
 Acq: 08 Oct 2018 16:27

Tgt Ion:204 Resp: 400674  
 Ion Ratio Lower Upper  
 204 100  
 206 33.8 25.8 38.8  
 141 57.0 44.2 66.4

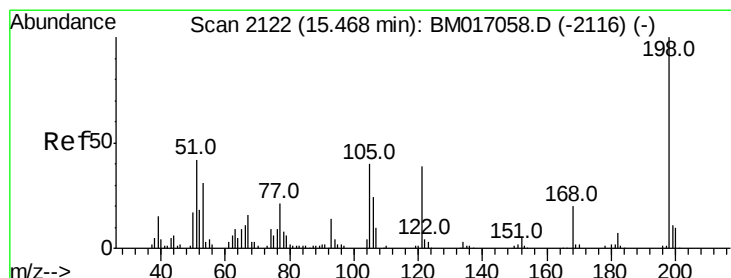
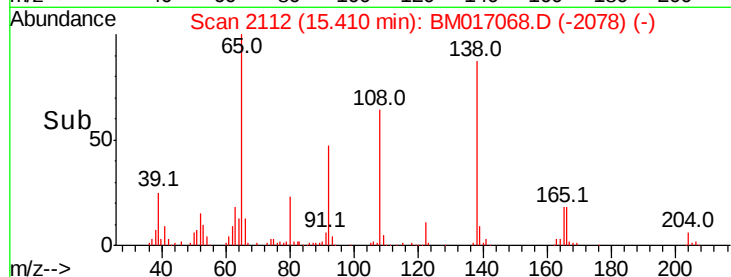
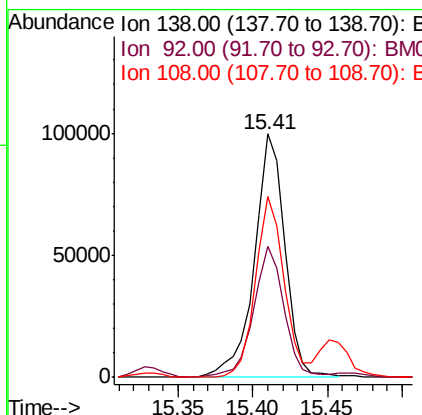
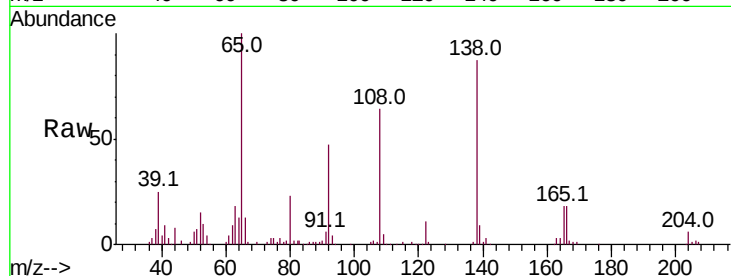




#61  
4-Nitroaniline  
Concen: 16.720 ng/ul  
RT: 15.41 min Scan# 2112  
Delta R.T. 0.00 min  
Lab File: BM017068.D  
Acq: 08 Oct 2018 16:27

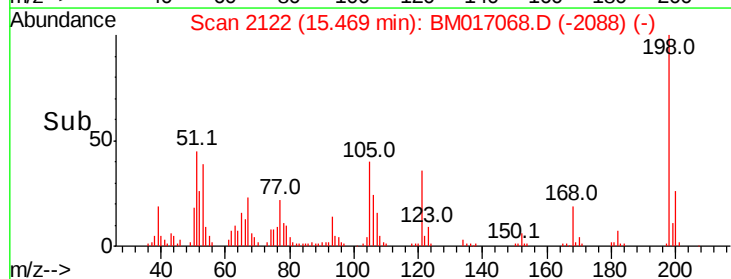
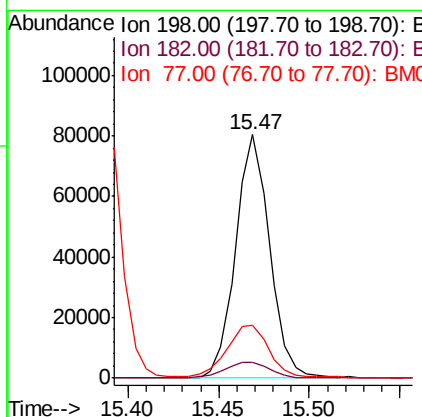
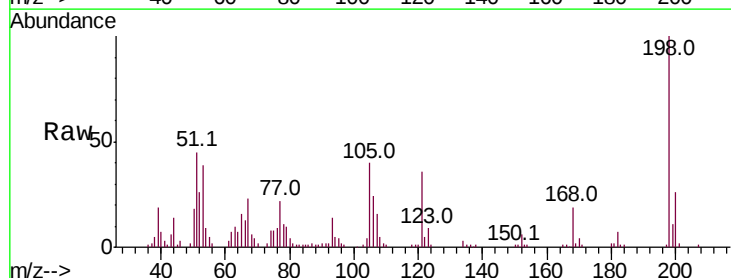
Instrument :  
BNA\_M  
ClientSampled :

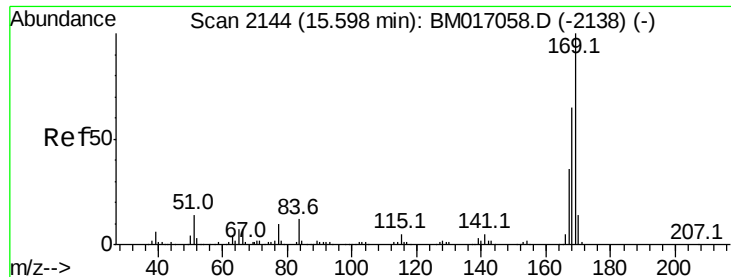
Tot Ion:138 Resp: 140648  
Ion Ratio Lower Upper  
138 100  
92 54.0 41.4 62.0  
108 74.3 60.0 90.0



#64  
4,6-Dinitro-2-methylphenol  
Concen: 15.881 ng/ul  
RT: 15.47 min Scan# 2122  
Delta R.T. 0.00 min  
Lab File: BM017068.D  
Acq: 08 Oct 2018 16:27

Tgt Ion:198 Resp: 105159  
Ion Ratio Lower Upper  
198 100  
182 6.7 5.1 7.7  
77 22.0 16.9 25.3

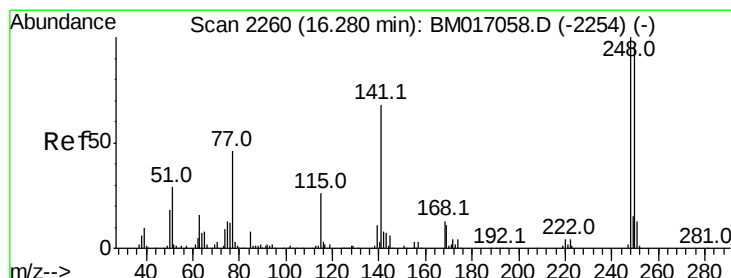
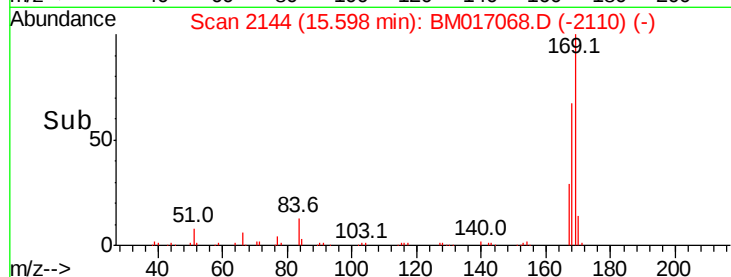
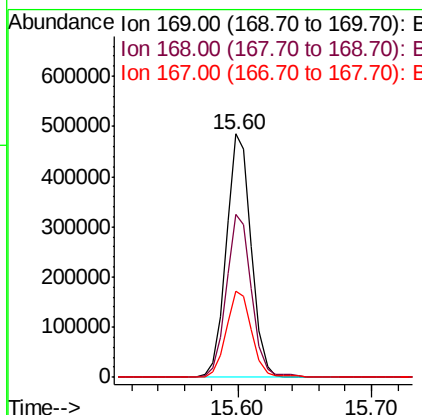
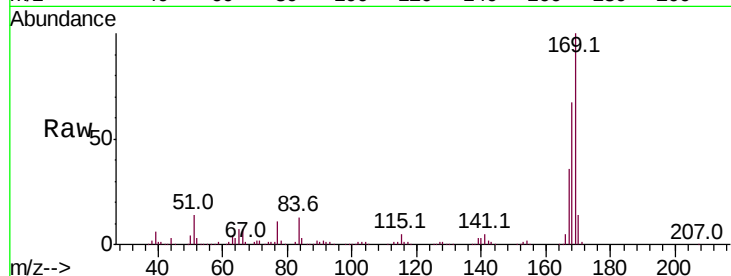




#65  
N-Nitrosodiphenylamine  
Concen: 20.161 ng/ul  
RT: 15.60 min Scan# 2144  
Delta R.T. 0.00 min  
Lab File: BM017068.D  
Acq: 08 Oct 2018 16:27

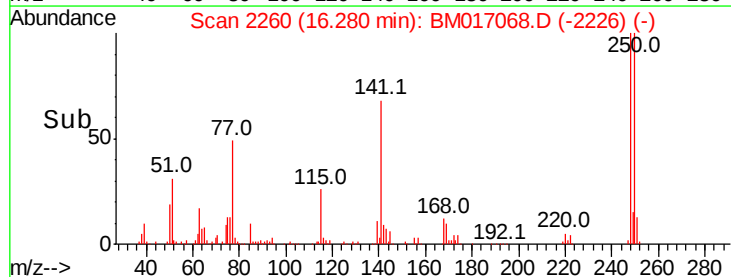
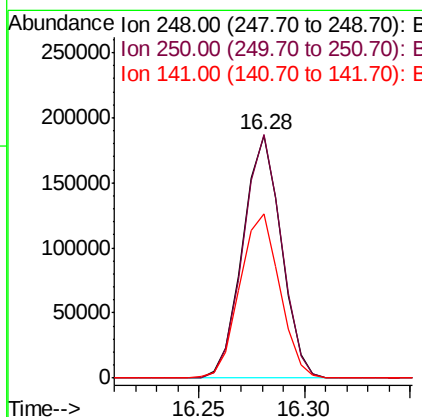
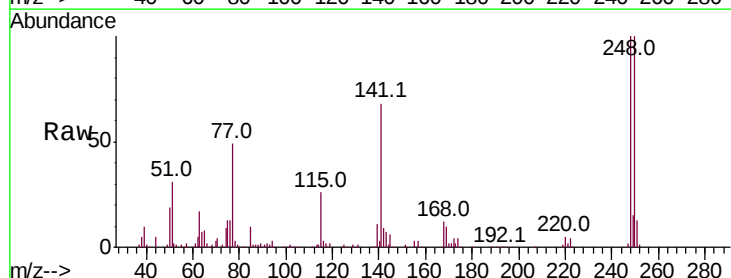
Instrument :  
BNA\_M  
ClientSampleId :

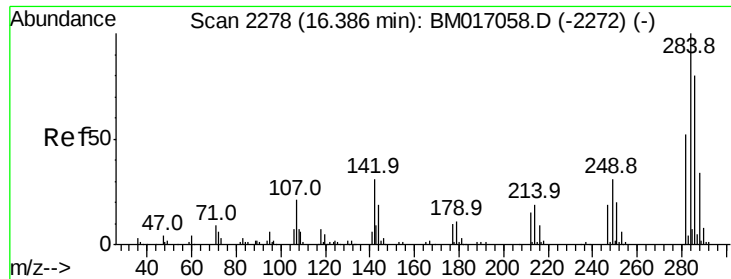
Tot Ion:169 Resp: 632766  
Ion Ratio Lower Upper  
169 100  
168 67.0 53.2 79.8  
167 35.5 28.8 43.2



#66  
4-Bromophenyl-phenylether  
Concen: 19.953 ng/ul  
RT: 16.28 min Scan# 2260  
Delta R.T. 0.00 min  
Lab File: BM017068.D  
Acq: 08 Oct 2018 16:27

Tgt Ion:248 Resp: 237298  
Ion Ratio Lower Upper  
248 100  
250 100.2 77.1 115.7  
141 67.9 52.2 78.4

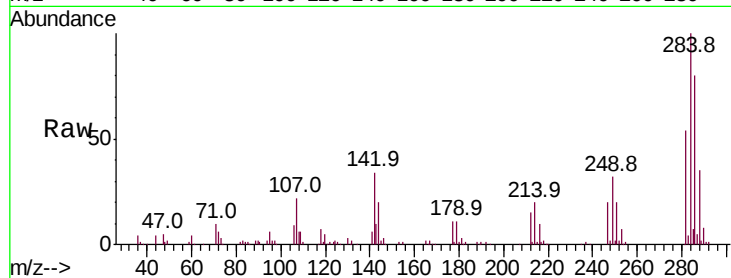




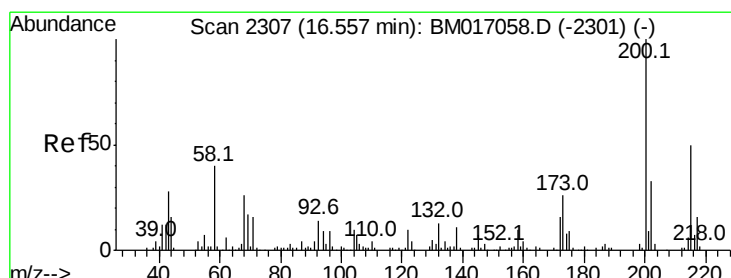
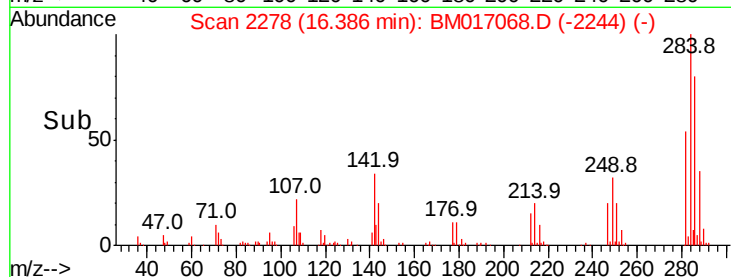
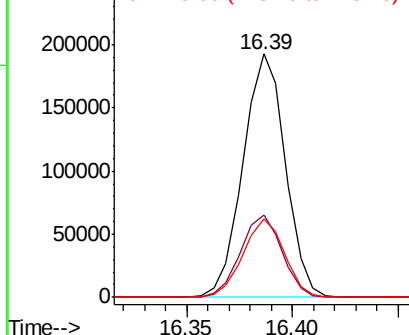
#67  
Hexachlorobenzene  
Concen: 19.905 ng/ul  
RT: 16.39 min Scan# 2278  
Delta R.T. 0.00 min  
Lab File: BM017068.D  
Acq: 08 Oct 2018 16:27

Instrument :  
BNA\_M  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 33.9  | 25.8  | 38.6  |
| 249     | 32.2  | 25.4  | 38.2  |

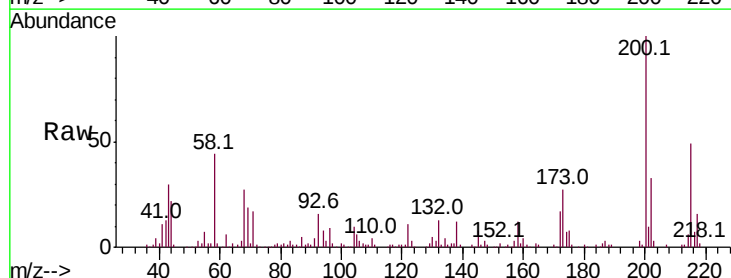


Abundance Ion 284.00 (283.70 to 284.70): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

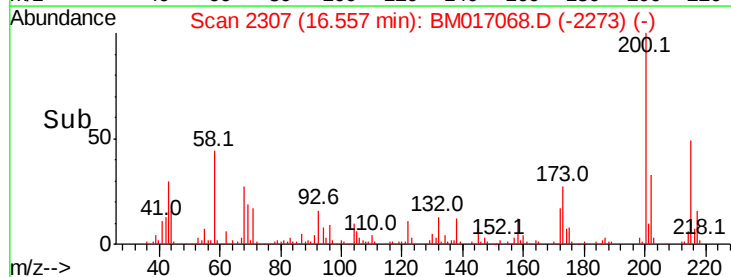
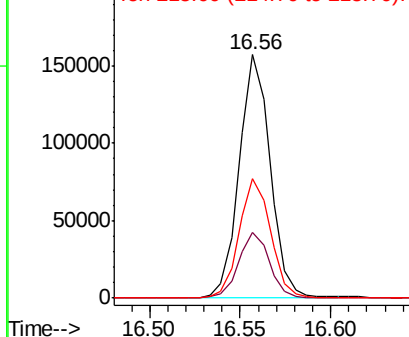


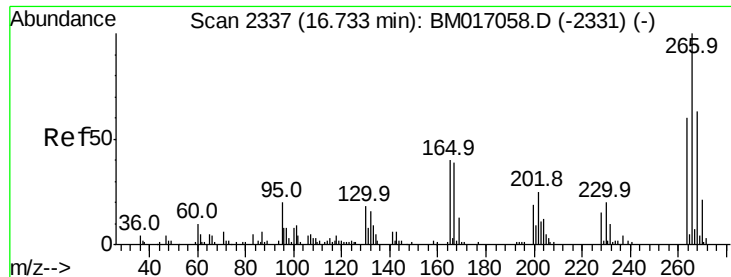
#68  
Atrazine  
Concen: 17.203 ng/ul  
RT: 16.56 min Scan# 2307  
Delta R.T. 0.00 min  
Lab File: BM017068.D  
Acq: 08 Oct 2018 16:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 27.1  | 21.0  | 31.4  |
| 215     | 48.9  | 39.8  | 59.8  |



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

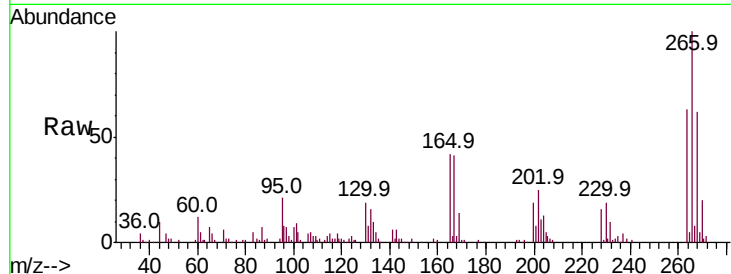




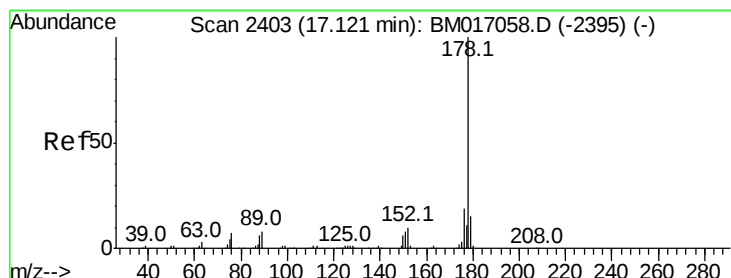
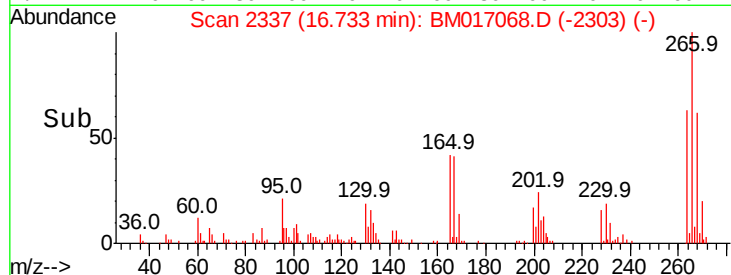
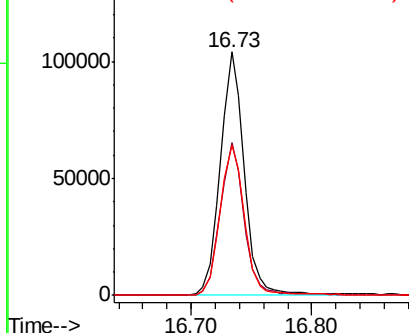
#69  
 Pentachlorophenol  
 Concen: 17.623 ng/ul  
 RT: 16.73 min Scan# 2337  
 Delta R.T. 0.00 min  
 Lab File: BM017068.D  
 Acq: 08 Oct 2018 16:27

Instrument :  
 BNA\_M  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 62.9  | 50.4  | 75.6  |
| 268     | 61.7  | 53.6  | 80.4  |

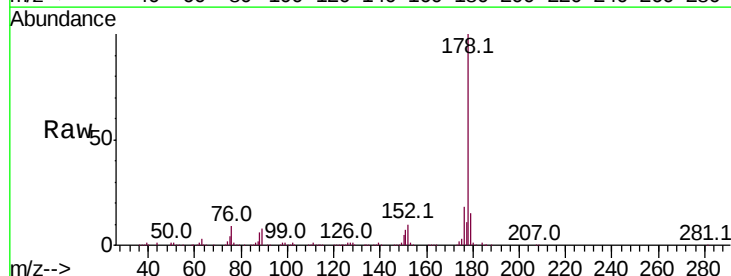


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 264.00 (263.70 to 264.70): E  
 Ion 268.00 (267.70 to 268.70): E

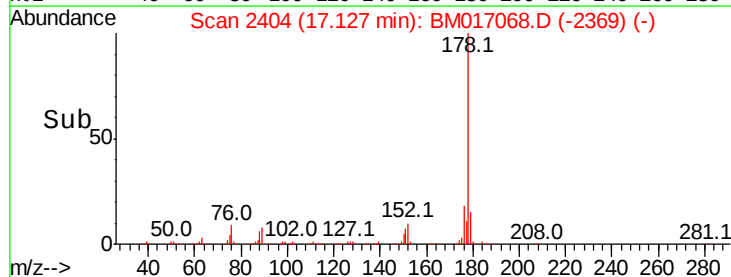
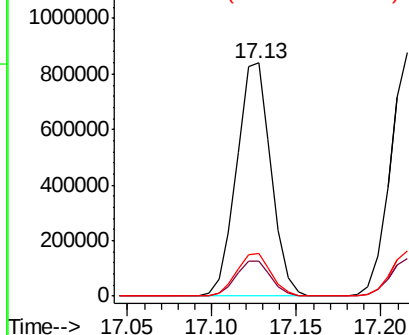


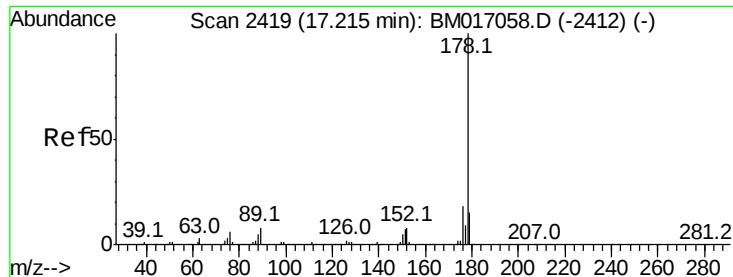
#70  
 Phenanthrene  
 Concen: 20.035 ng/ul  
 RT: 17.13 min Scan# 2404  
 Delta R.T. 0.01 min  
 Lab File: BM017068.D  
 Acq: 08 Oct 2018 16:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 14.8  | 12.2  | 18.2  |
| 176     | 18.5  | 15.0  | 22.4  |



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

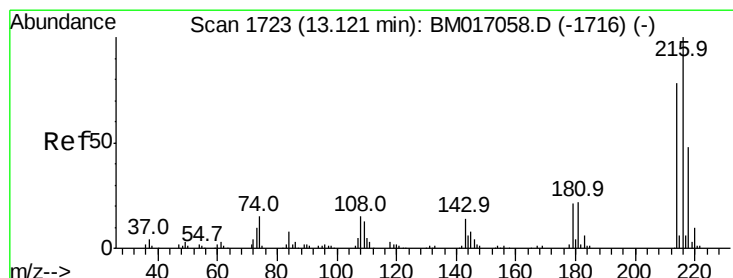
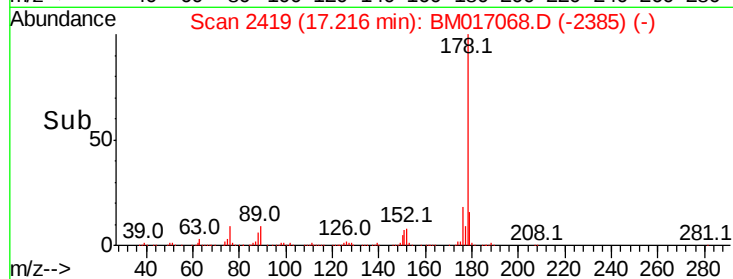
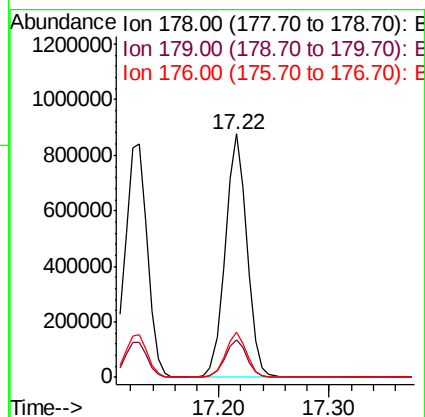
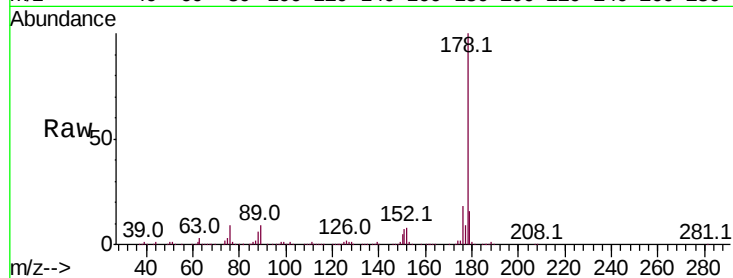




#72  
 Anthracene  
 Concen: 19.988 ng/uL  
 RT: 17.22 min Scan# 2419  
 Delta R.T. 0.00 min  
 Lab File: BM017068.D  
 Acq: 08 Oct 2018 16:27

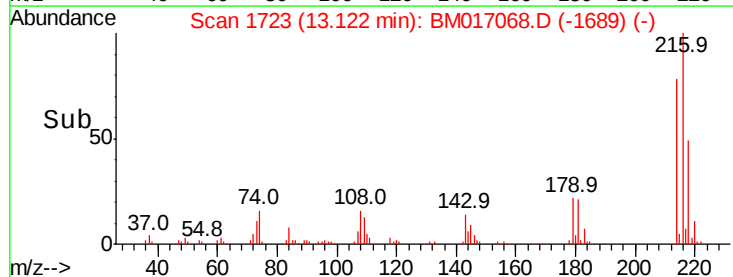
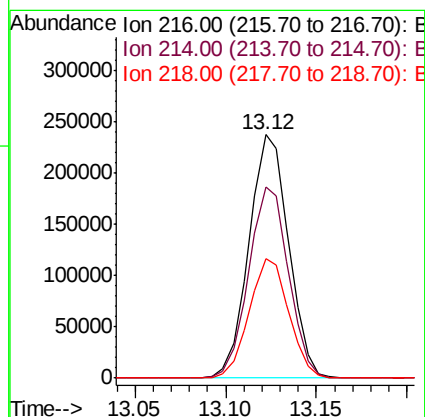
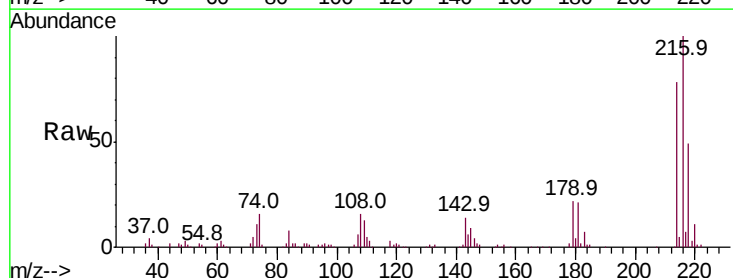
Instrument :  
 BNA\_M  
 ClientSampled :

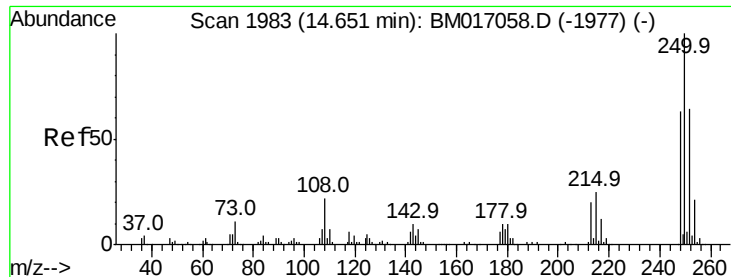
Tot Ion:178 Resp: 1206399  
 Ion Ratio Lower Upper  
 178 100  
 179 15.7 12.2 18.4  
 176 18.5 14.6 22.0



#73  
 1,2,3,4-Tetrachlorobenzene  
 Concen: 21.367 ng/uL  
 RT: 13.12 min Scan# 1723  
 Delta R.T. 0.00 min  
 Lab File: BM017068.D  
 Acq: 08 Oct 2018 16:27

Tgt Ion:216 Resp: 361244  
 Ion Ratio Lower Upper  
 216 100  
 214 78.3 61.6 92.4  
 218 49.0 37.8 56.6





#74

Pentachlorobenzene

Concen: 21.083 ng/uL

RT: 14.65 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BM017068.D

Acq: 08 Oct 2018 16:27

Instrument :

BNA\_M

ClientSampleId :

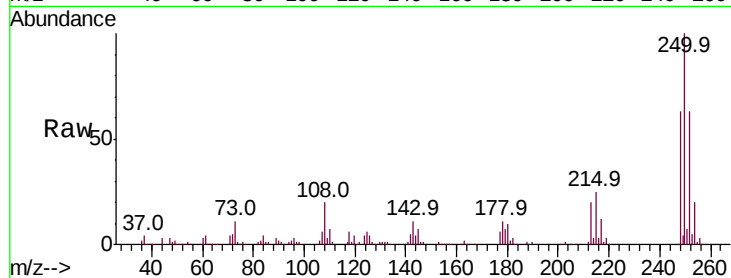
Tot Ion:250 Resp: 334883

Ion Ratio Lower Upper

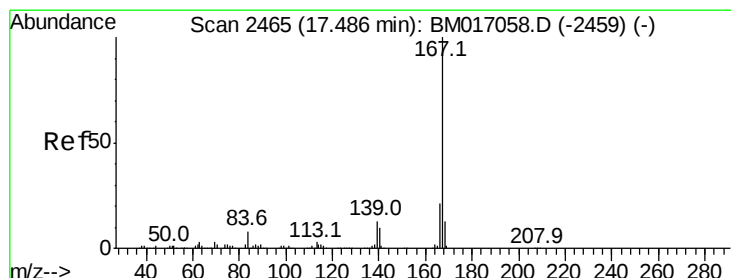
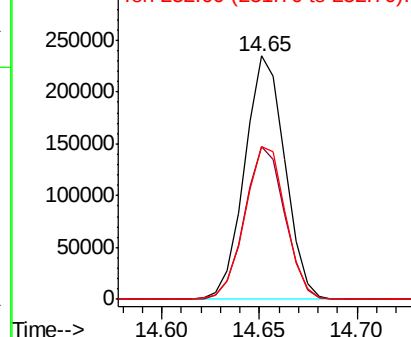
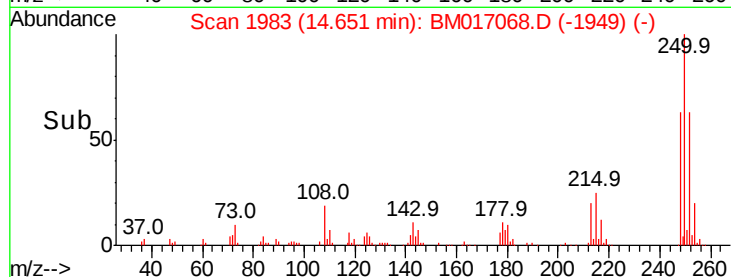
250 100

248 62.8 50.1 75.1

252 62.9 51.2 76.8



Abundance Ion 250.00 (249.70 to 250.70): E  
Ion 248.00 (247.70 to 248.70): E  
Ion 252.00 (251.70 to 252.70): E



#75

Carbazole

Concen: 19.196 ng/uL

RT: 17.49 min Scan# 2465

Delta R.T. 0.00 min

Lab File: BM017068.D

Acq: 08 Oct 2018 16:27

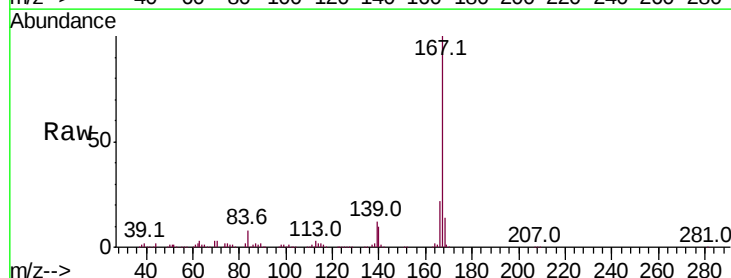
Tgt Ion:167 Resp: 1002713

Ion Ratio Lower Upper

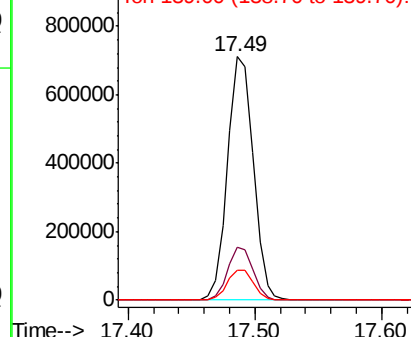
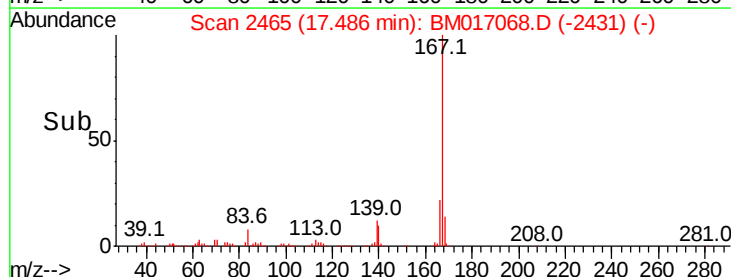
167 100

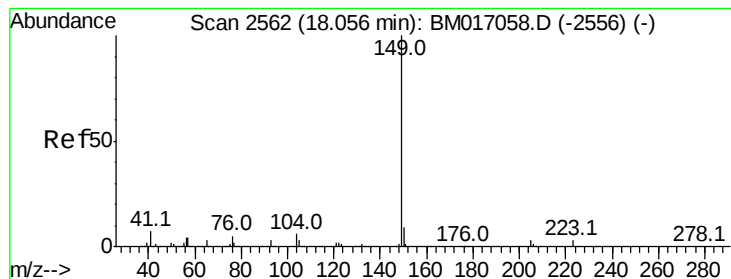
166 21.5 17.0 25.4

139 12.1 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E  
Ion 166.00 (165.70 to 166.70): E  
Ion 139.00 (138.70 to 139.70): E





#76

Di-n-butylphthalate

Concen: 17.811 ng/ul

RT: 18.06 min Scan# 2563

Delta R.T. 0.01 min

Lab File: BM017068.D

Acq: 08 Oct 2018 16:27

Instrument :

BNA\_M

ClientSampleId :

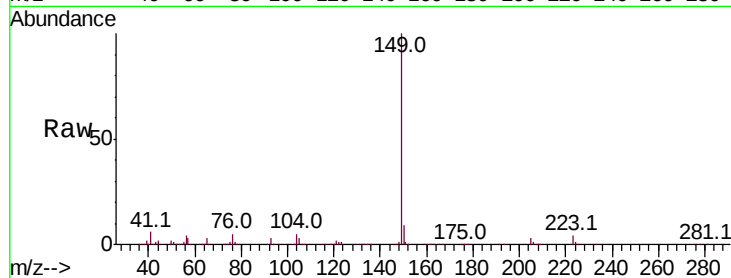
Tot Ion:149 Resp: 1040142

Ion Ratio Lower Upper

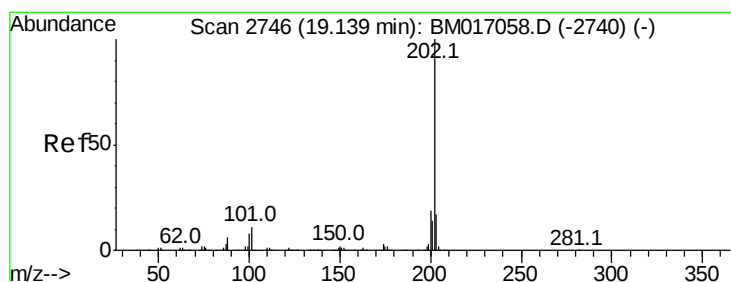
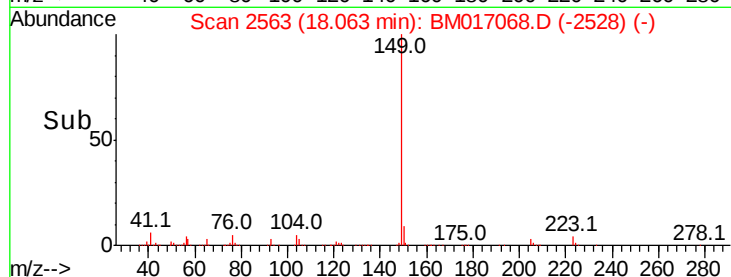
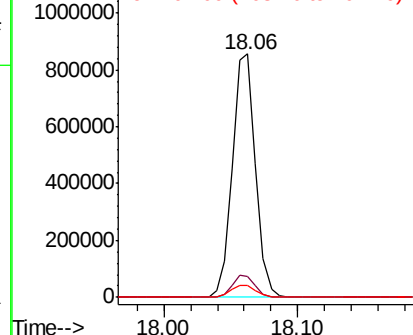
149 100

150 8.8 7.4 11.0

104 4.9 3.8 5.8



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



#77

Fluoranthene

Concen: 19.137 ng/ul

RT: 19.14 min Scan# 2747

Delta R.T. 0.01 min

Lab File: BM017068.D

Acq: 08 Oct 2018 16:27

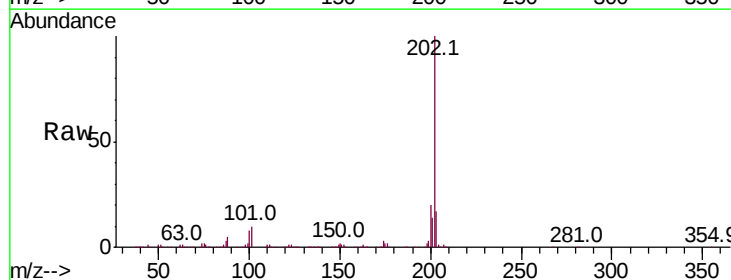
Tgt Ion:202 Resp: 1316767

Ion Ratio Lower Upper

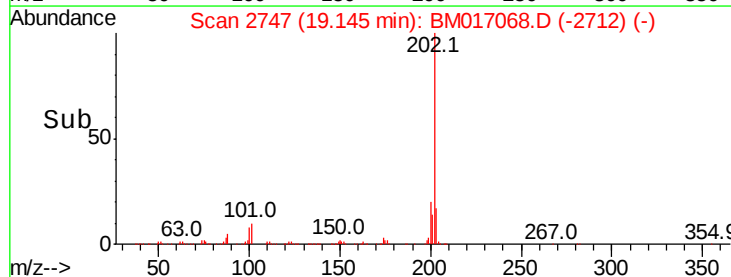
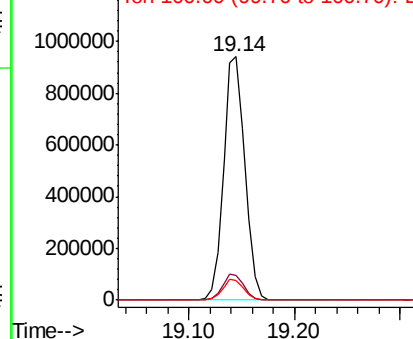
202 100

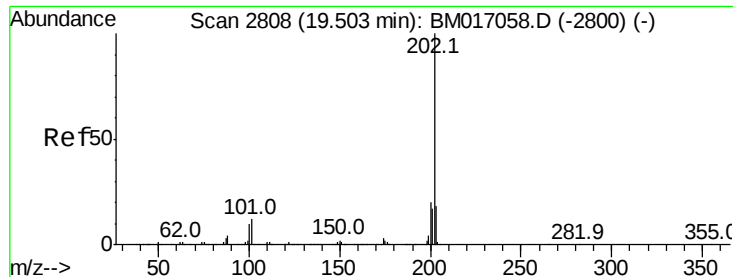
101 10.4 8.3 12.5

100 8.2 6.6 9.8



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 100.00 (99.70 to 100.70): E

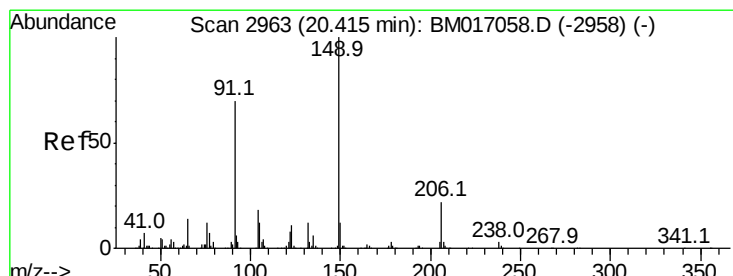
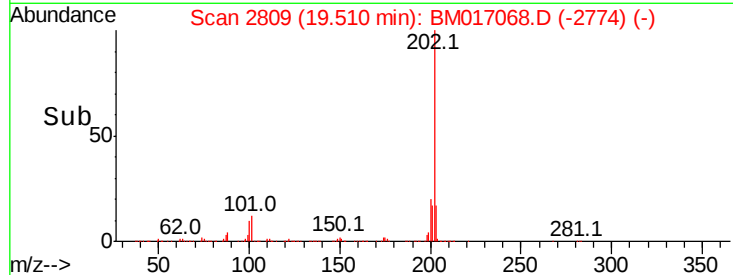
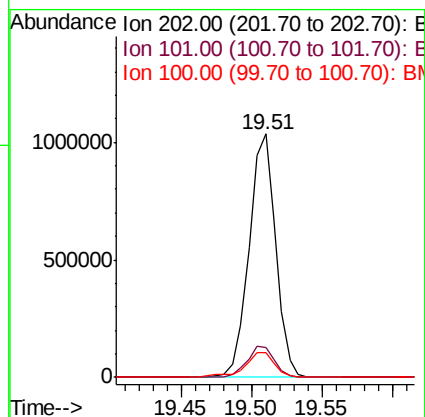
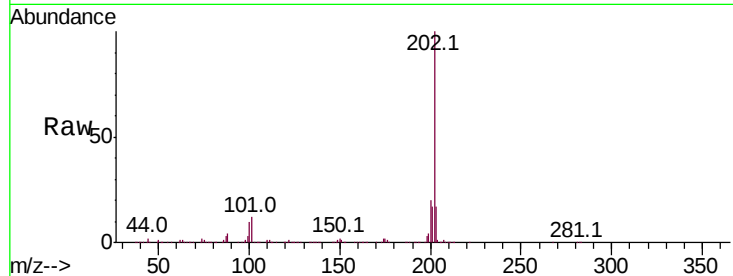




#80  
Pvrene  
Concen: 20.806 ng/ul  
RT: 19.51 min Scan# 2809  
Delta R.T. 0.01 min  
Lab File: BM017068.D  
Acq: 08 Oct 2018 16:27

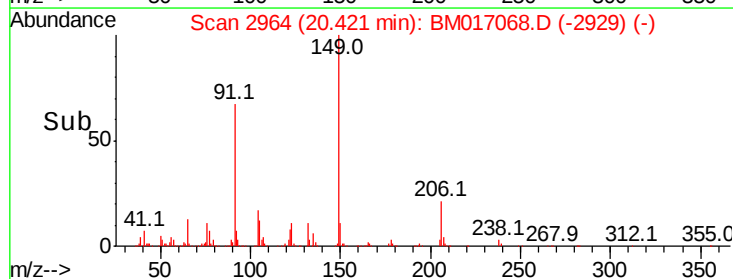
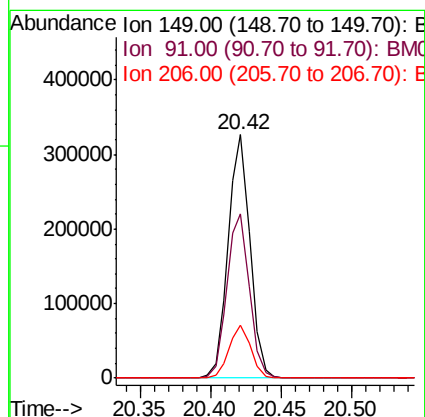
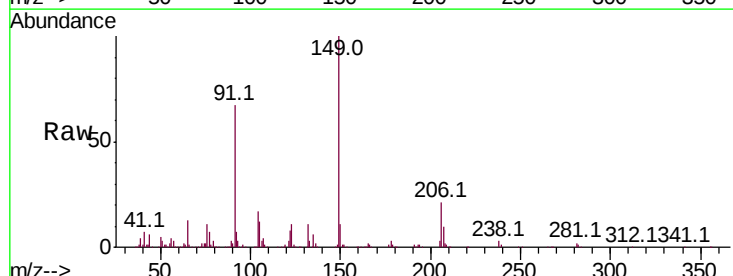
Instrument :  
BNA\_M  
ClientSampleId :

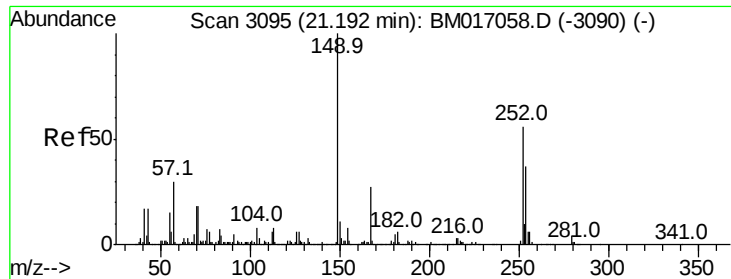
Tot Ion:202 Resp: 1371529  
Ion Ratio Lower Upper  
202 100  
101 12.4 10.8 16.2  
100 10.2 8.9 13.3



#81  
Butylbenzylphthalate  
Concen: 15.393 ng/ul  
RT: 20.42 min Scan# 2964  
Delta R.T. 0.01 min  
Lab File: BM017068.D  
Acq: 08 Oct 2018 16:27

Tgt Ion:149 Resp: 350114  
Ion Ratio Lower Upper  
149 100  
91 67.4 56.1 84.1  
206 21.5 17.2 25.8

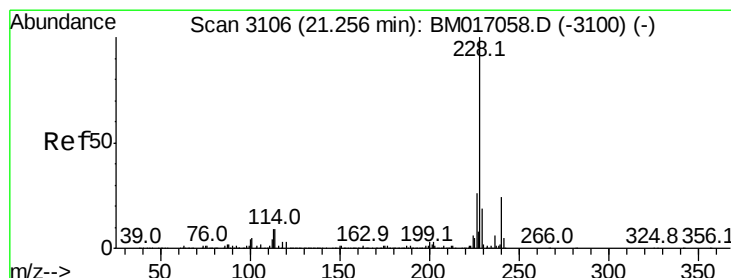
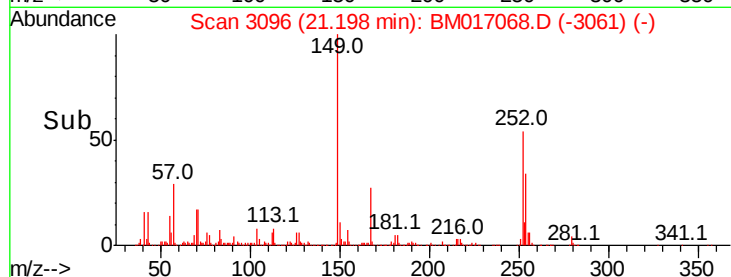
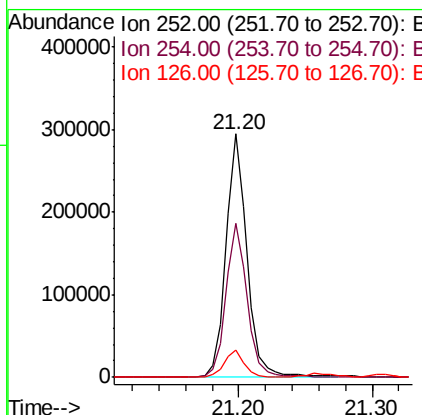
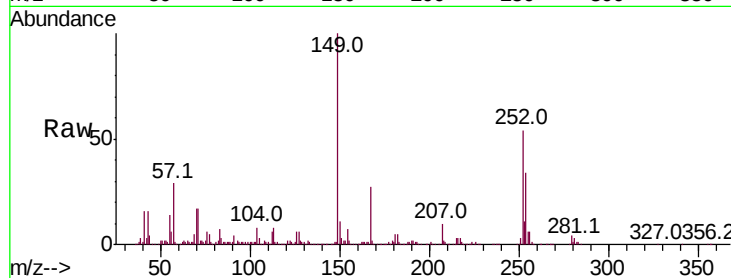




#82  
 3,3'-Dichlorobenzidine  
 Concen: 16.227 ng/ul  
 RT: 21.20 min Scan# 3096  
 Delta R.T. 0.01 min  
 Lab File: BM017068.D  
 Acq: 08 Oct 2018 16:27

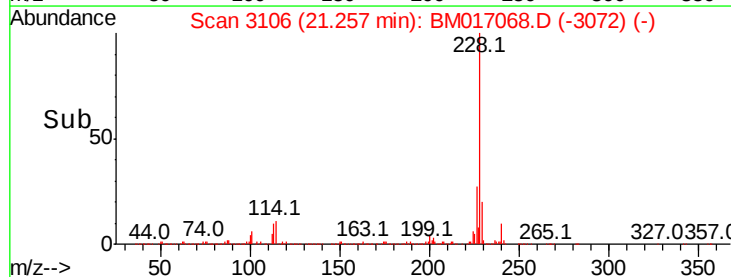
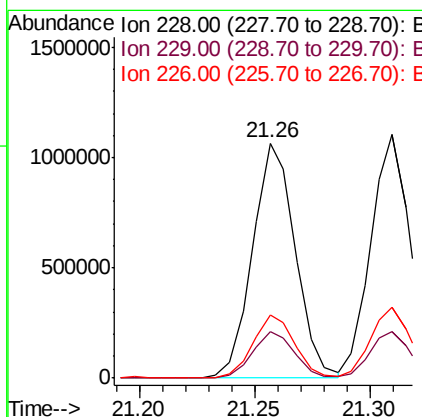
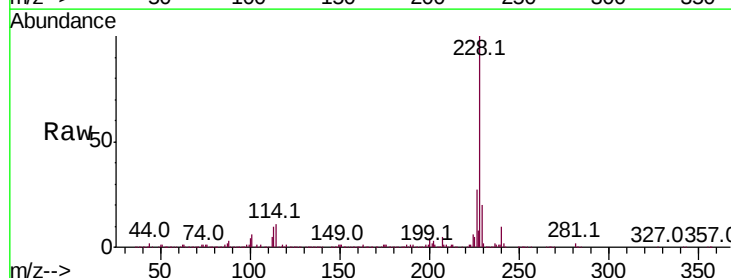
Instrument :  
 BNA\_M  
 ClientSampleId :

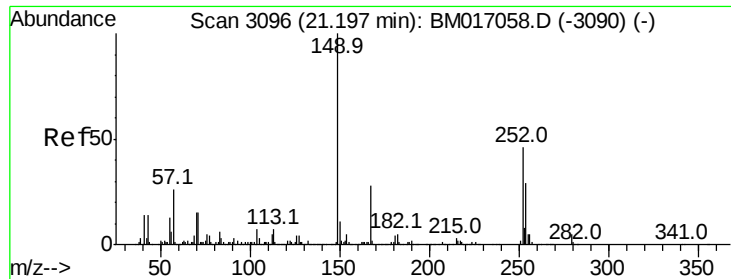
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.2  | 50.6  | 76.0  |
| 126     | 11.0  | 8.2   | 12.2  |



#83  
 Benzo(a)anthracene  
 Concen: 20.115 ng/ul  
 RT: 21.26 min Scan# 3106  
 Delta R.T. 0.00 min  
 Lab File: BM017068.D  
 Acq: 08 Oct 2018 16:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 229     | 19.9  | 15.7  | 23.5  |
| 226     | 26.7  | 20.9  | 31.3  |

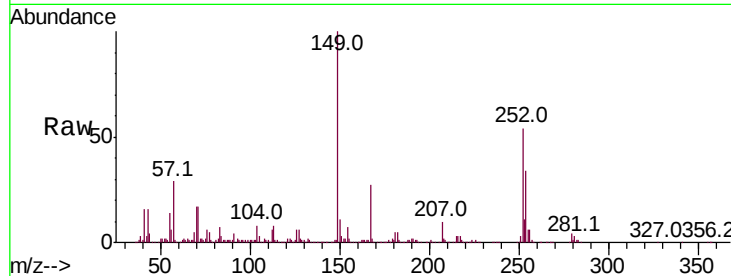




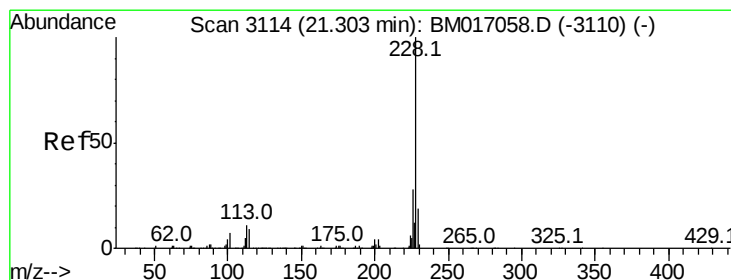
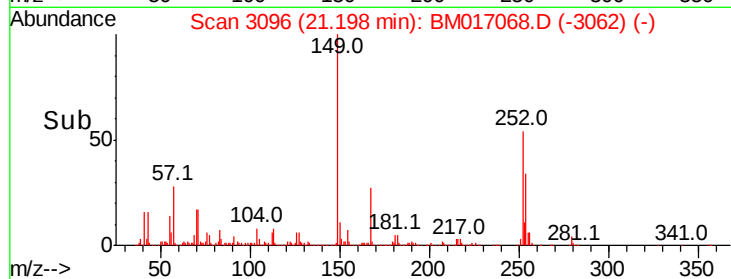
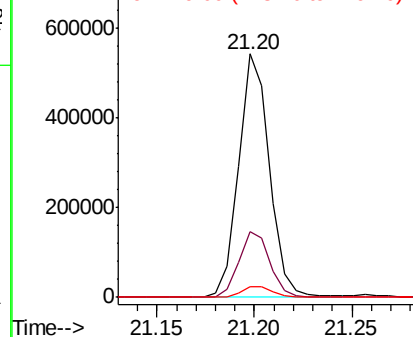
#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 16.731 ng/ul  
 RT: 21.20 min Scan# 3096  
 Delta R.T. 0.00 min  
 Lab File: BM017068.D  
 Acq: 08 Oct 2018 16:27

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:149 Resp: 589800  
 Ion Ratio Lower Upper  
 149 100  
 167 27.0 22.5 33.7  
 279 4.2 3.7 5.5

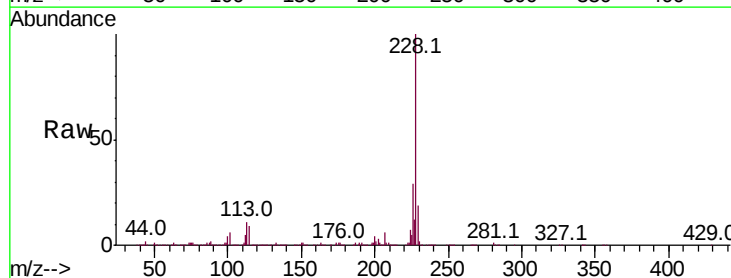


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

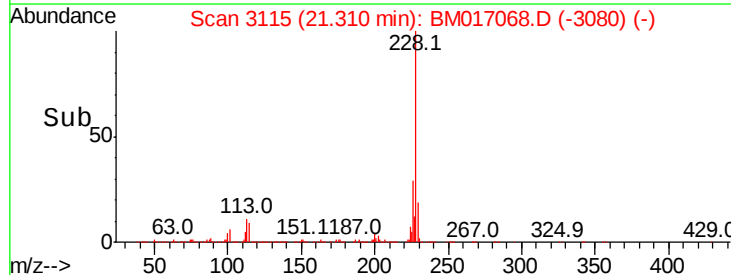
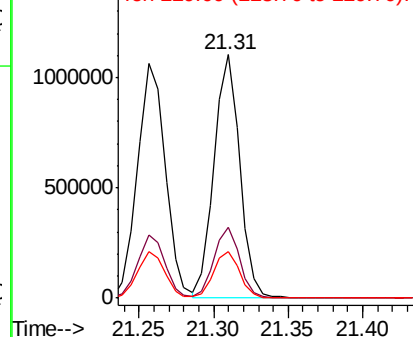


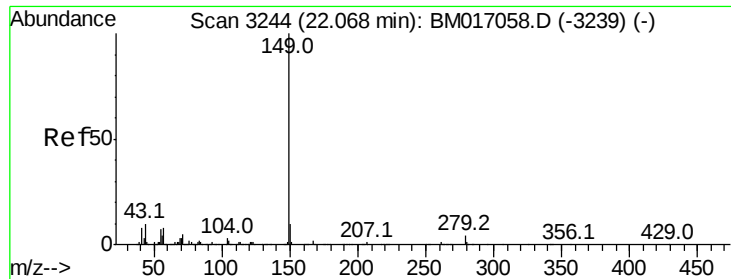
#85  
 Chrysene  
 Concen: 20.077 ng/ul  
 RT: 21.31 min Scan# 3115  
 Delta R.T. 0.01 min  
 Lab File: BM017068.D  
 Acq: 08 Oct 2018 16:27

Tgt Ion:228 Resp: 1325242  
 Ion Ratio Lower Upper  
 228 100  
 226 29.1 23.4 35.2  
 229 18.9 15.6 23.4



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

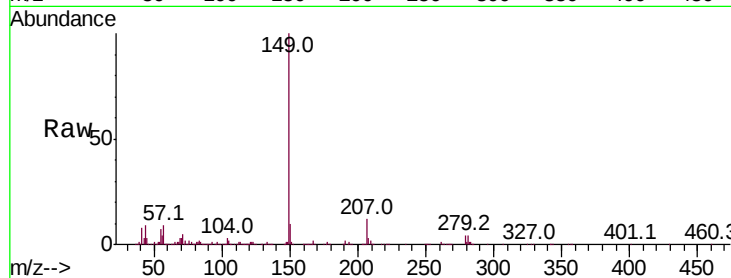




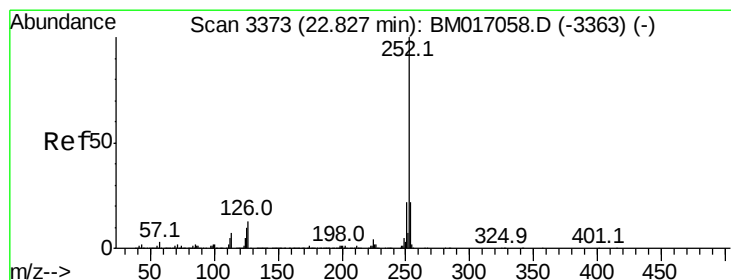
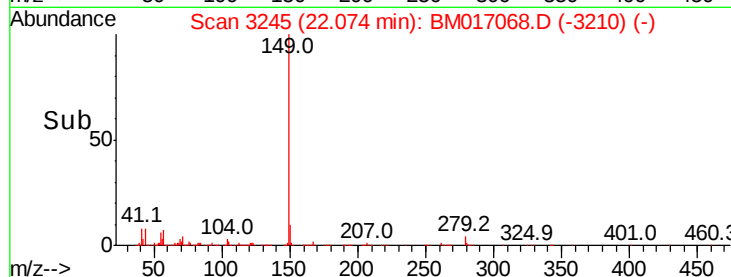
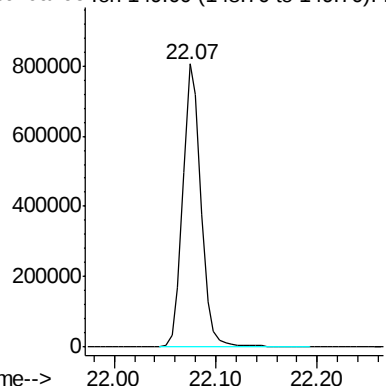
#87  
 Di-n-octyl phthalate  
 Concen: 16.125 ng/ul  
 RT: 22.07 min Scan# 3245  
 Delta R.T. 0.01 min  
 Lab File: BM017068.D  
 Acq: 08 Oct 2018 16:27

Instrument :  
 BNA\_M  
 ClientSampleId :

Tgt Ion:149 Resp: 994254



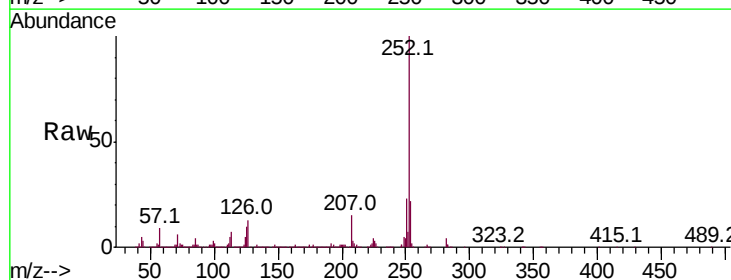
Abundance Ion 149.00 (148.70 to 149.70): E



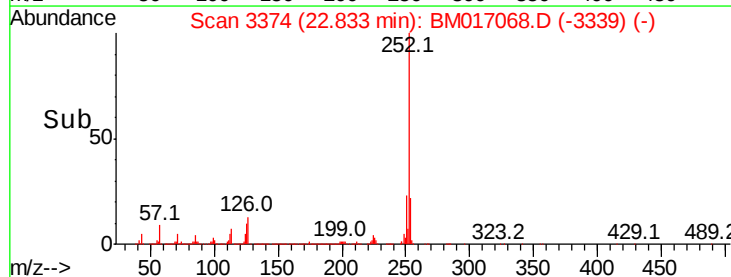
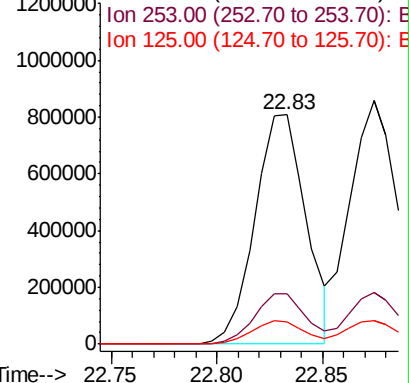
#88  
 Benzo(b)fluoranthene  
 Concen: 19.844 ng/ul  
 RT: 22.83 min Scan# 3374  
 Delta R.T. 0.01 min  
 Lab File: BM017068.D  
 Acq: 08 Oct 2018 16:27

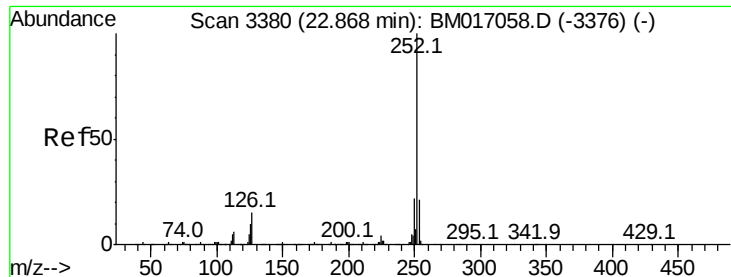
Tgt Ion:252 Resp: 1362506  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.7  | 17.3  | 25.9  |
| 125 | 9.8   | 8.2   | 12.4  |



Abundance Ion 252.00 (251.70 to 252.70): E





#89

Benzo(k)fluoranthene

Concen: 20.823 ng/ul

RT: 22.87 min Scan# 3381

Delta R.T. 0.01 min

Lab File: BM017068.D

Acq: 08 Oct 2018 16:27

Instrument :

BNA\_M

ClientSampleId :

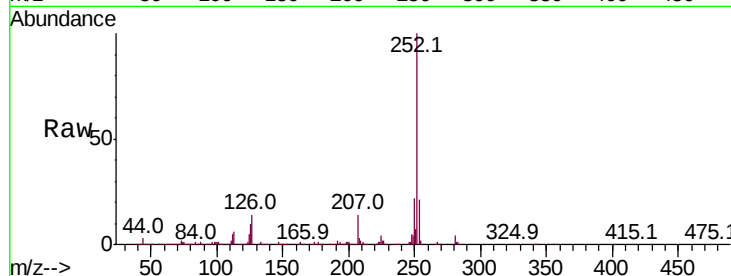
Tot Ion:252 Resp: 1373528

Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

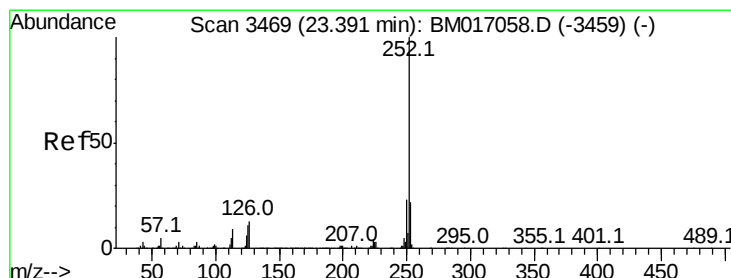
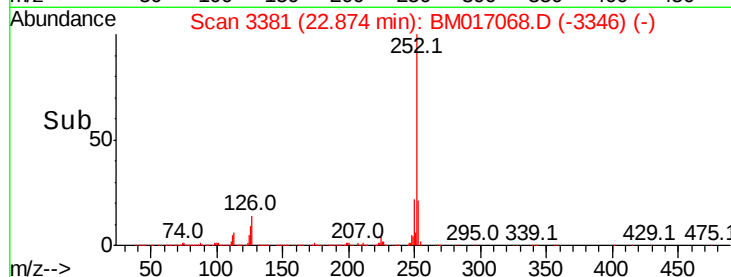
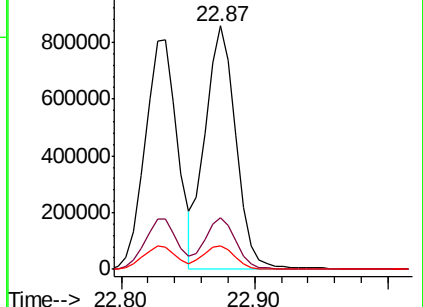
125 9.5 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 20.267 ng/ul

RT: 23.40 min Scan# 3470

Delta R.T. 0.01 min

Lab File: BM017068.D

Acq: 08 Oct 2018 16:27

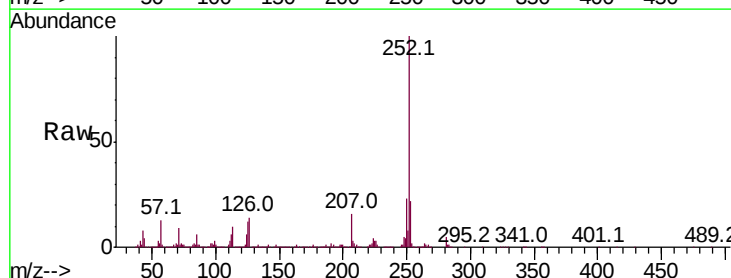
Tgt Ion:252 Resp: 1341079

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

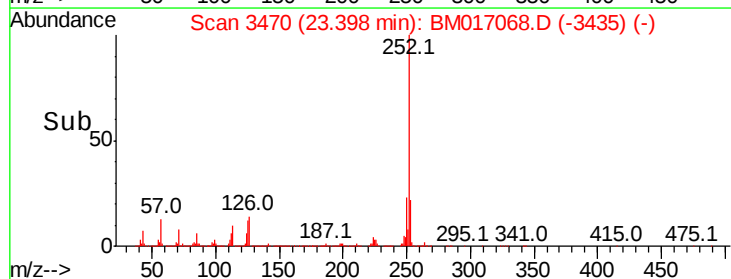
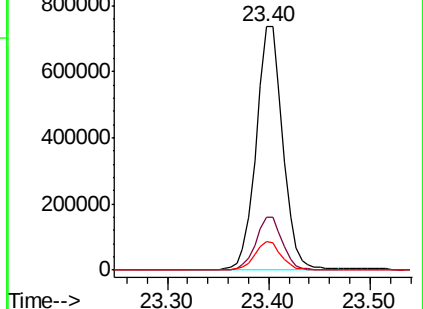
125 12.0 9.0 13.6

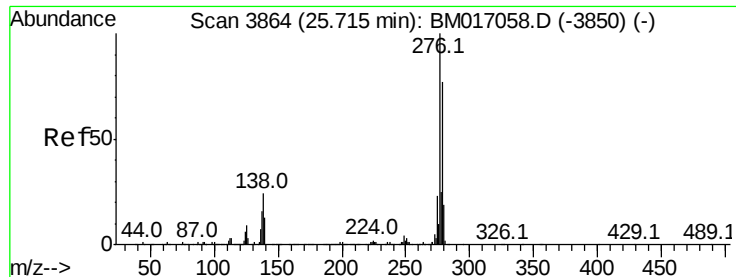


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

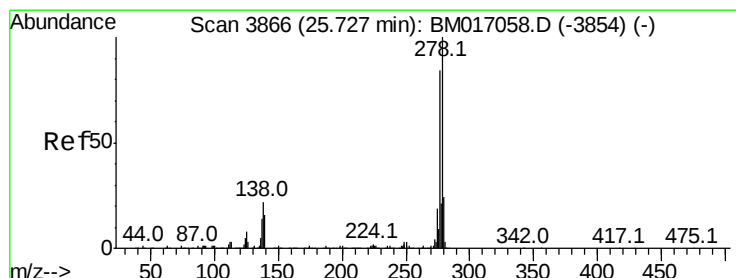
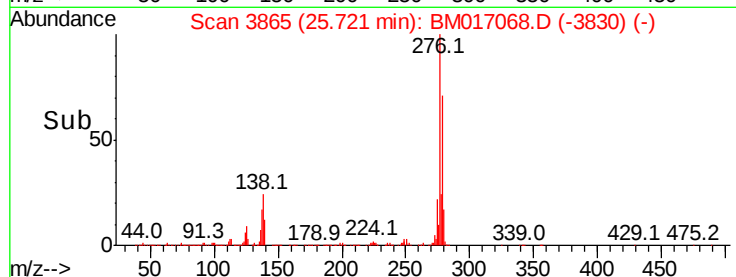
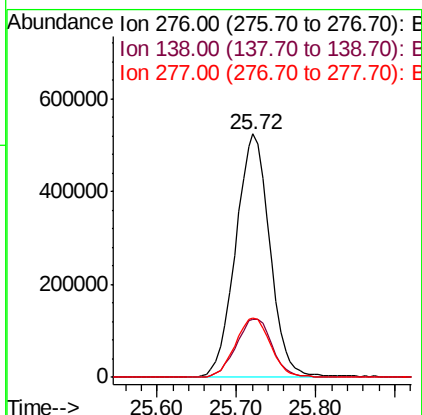
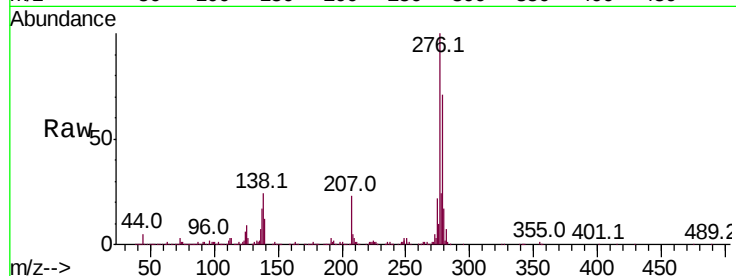




#92  
 Indeno(1,2,3-cd)pyrene  
 Concen: 20.125 ng/ul  
 RT: 25.72 min Scan# 3865  
 Delta R.T. 0.01 min  
 Lab File: BM017068.D  
 Acq: 08 Oct 2018 16:27

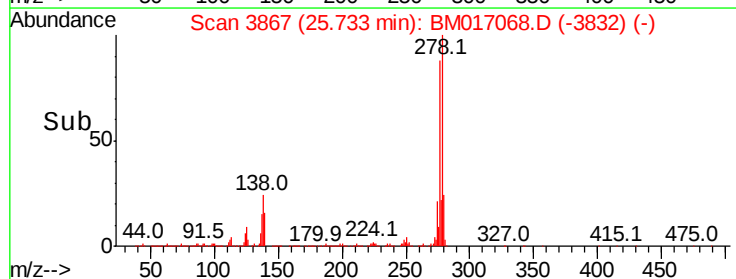
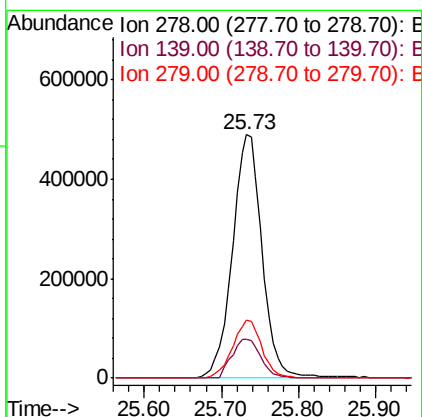
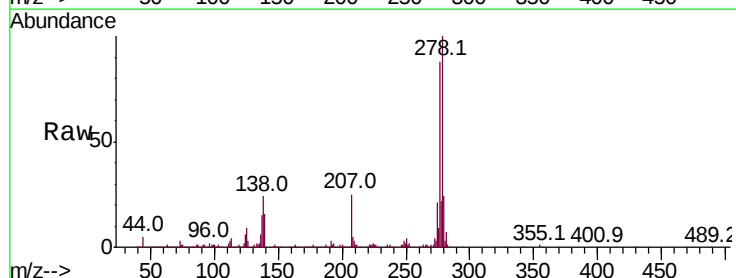
Instrument :  
 BNA\_M  
 ClientSampleId :

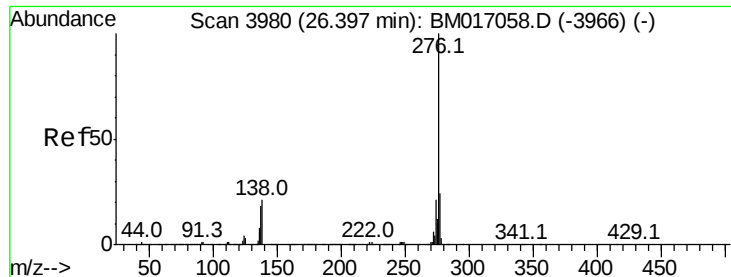
Tot Ion:276 Resp: 1572206  
 Ion Ratio Lower Upper  
 276 100  
 138 24.1 20.3 30.5  
 277 24.4 20.2 30.2



#93  
 Dibenzo(a,h)anthracene  
 Concen: 20.244 ng/ul  
 RT: 25.73 min Scan# 3867  
 Delta R.T. 0.01 min  
 Lab File: BM017068.D  
 Acq: 08 Oct 2018 16:27

Tgt Ion:278 Resp: 1316521  
 Ion Ratio Lower Upper  
 278 100  
 139 16.1 13.2 19.8  
 279 23.8 18.4 27.6





#94

Benzo(a,h,i)perylene

Concen: 20.049 ng/ul

RT: 26.40 min Scan# 3980

Delta R.T. 0.00 min

Lab File: BM017068.D

Acq: 08 Oct 2018 16:27

Instrument :

BNA\_M

ClientSampleId :

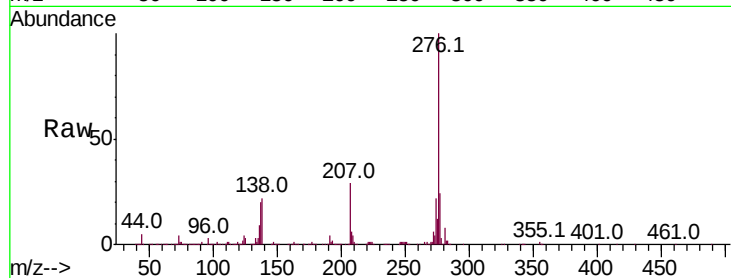
Tot Ion:276 Resp: 1304232

Ion Ratio Lower Upper

276 100

138 22.0 17.5 26.3

277 24.0 18.5 27.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

