

Data File : BM017841.D  
Acq On : 01 Dec 2018 02:49  
Operator : JU/SJ  
Sample : SSDCCC020  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02075

Quant Time: Dec 01 04:33:35 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Dec 01 00:17:04 2018  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.58  | 152  | 277048   | 20.00 | ng/ul | -0.01    |
| 18) Naphthalene-d8        | 10.35 | 136  | 1219622  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.23 | 164  | 694001   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.99 | 188  | 1383975  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.19 | 240  | 1103550  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.37 | 264  | 1082122  | 20.00 | ng/ul | 0.00     |

#### System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.18  | 96  | 45107   | 7.45  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.77  | 99  | 475433  | 18.79 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.93  | 67  | 297103  | 19.47 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.12  | 132 | 397823  | 20.09 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.29  | 113 | 388829  | 18.81 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.74  | 128 | 193423  | 20.65 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.45  | 143 | 220931  | 20.58 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 9.98  | 165 | 412376  | 20.18 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.50 | 131 | 353789  | 20.18 | ng/ul | 0.00  |
| 43) Dimethylphthalate-d6       | 13.65 | 166 | 1183710 | 19.66 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 13.92 | 160 | 1493898 | 20.50 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.46 | 143 | 190213  | 17.37 | ng/ul | 0.00  |
| 57) Fluorene-d10               | 15.23 | 176 | 1002500 | 19.28 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.37 | 200 | 195100  | 19.72 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.09 | 188 | 1386249 | 20.12 | ng/ul | 0.00  |
| 78) Pyrene-d10                 | 19.39 | 212 | 1269120 | 23.77 | ng/ul | 0.00  |
| 89) Benzo(a)pyrene-d12         | 23.23 | 264 | 1189882 | 20.27 | ng/ul | -0.01 |

#### Target Compounds

|                                |       |     |         |        | Qvalue    |
|--------------------------------|-------|-----|---------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.22  | 88  | 48199   | 7.463  | ng/uL# 92 |
| 4) Benzaldehyde                | 6.75  | 77  | 86307   | 18.293 | ng/ul 94  |
| 6) Phenol                      | 6.80  | 94  | 476896  | 18.882 | ng/ul 97  |
| 8) Bis(2-Chloroethyl)ether     | 7.03  | 93  | 373529  | 19.358 | ng/ul 100 |
| 10) 2-Chlorophenol             | 7.15  | 128 | 395035  | 19.971 | ng/ul 99  |
| 11) 2-Methylphenol             | 8.03  | 108 | 360263  | 18.696 | ng/ul 97  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.10  | 45  | 432782  | 19.011 | ng/ul 97  |
| 14) Acetophenone               | 8.40  | 105 | 610244  | 18.937 | ng/ul 99  |
| 15) N-Nitroso-di-n-propylamine | 8.39  | 70  | 320145  | 19.048 | ng/ul 99  |
| 16) 4-Methylphenol             | 8.36  | 108 | 388431  | 18.654 | ng/ul 99  |
| 17) Hexachloroethane           | 8.64  | 117 | 166379  | 20.746 | ng/ul 96  |
| 20) Nitrobenzene               | 8.78  | 77  | 463050  | 19.693 | ng/ul 97  |
| 21) Isophorone                 | 9.30  | 82  | 856145  | 19.573 | ng/ul 100 |
| 23) 2-Nitrophenol              | 9.48  | 139 | 229706  | 20.563 | ng/ul 98  |
| 24) 2,4-Dimethylphenol         | 9.55  | 107 | 464628  | 19.911 | ng/ul 99  |
| 25) Bis(2-Chloroethoxy)methane | 9.79  | 93  | 525500  | 19.632 | ng/ul 99  |
| 27) 2,4-Dichlorophenol         | 10.01 | 162 | 388650  | 20.144 | ng/ul 98  |
| 28) Naphthalene                | 10.40 | 128 | 1286770 | 20.250 | ng/ul 99  |
| 30) 4-Chloroaniline            | 10.53 | 127 | 352611  | 19.710 | ng/ul 97  |
| 31) Hexachlorobutadiene        | 10.67 | 225 | 264230  | 20.621 | ng/ul 97  |
| 32) Caprolactam                | 11.31 | 113 | 68738   | 10.768 | ng/ul 88  |
| 33) 4-Chloro-3-methylphenol    | 11.66 | 107 | 424252  | 19.361 | ng/ul 99  |
| 34) 2-Methylnaphthalene        | 12.02 | 142 | 936193  | 19.736 | ng/ul 100 |

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SSTD02075

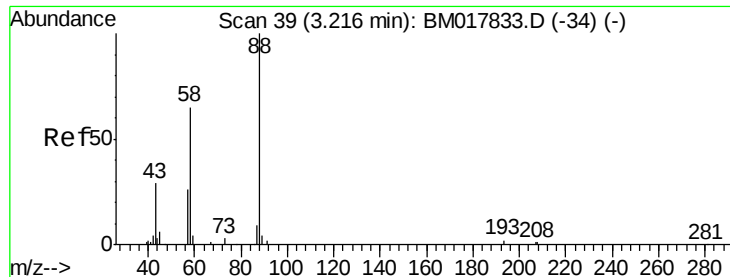
Quant Time: Dec 01 04:33:35 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Dec 01 00:17:04 2018  
Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.40 | 216  | 491832   | 21.239 | ng/ul | 98       |
| 37) Hexachlorocyclopentadiene  | 12.37 | 237  | 287038   | 19.221 | ng/ul | 99       |
| 38) 2,4,6-Trichlorophenol      | 12.65 | 196  | 311822   | 20.719 | ng/ul | 99       |
| 39) 2,4,5-Trichlorophenol      | 12.72 | 196  | 335016   | 20.814 | ng/ul | 99       |
| 40) 1,1'-Biphenyl              | 13.06 | 154  | 1190859  | 20.845 | ng/ul | 100      |
| 41) 2-Chloronaphthalene        | 13.09 | 162  | 923013   | 20.654 | ng/ul | 99       |
| 42) 2-Nitroaniline             | 13.32 | 65   | 272406   | 20.932 | ng/ul | 95       |
| 44) Dimethylphthalate          | 13.70 | 163  | 1140844  | 19.555 | ng/ul | 100      |
| 45) 2,6-Dinitrotoluene         | 13.83 | 165  | 237498   | 20.718 | ng/ul | 97       |
| 47) Acenaphthylene             | 13.95 | 152  | 1389269  | 20.412 | ng/ul | 100      |
| 48) 3-Nitroaniline             | 14.16 | 138  | 216451   | 19.792 | ng/ul | 97       |
| 49) Acenaphthene               | 14.30 | 153  | 991218   | 20.208 | ng/ul | 99       |
| 50) 2,4-Dinitrophenol          | 14.37 | 184  | 130143   | 16.744 | ng/ul | 98       |
| 52) 4-Nitrophenol              | 14.47 | 109  | 160098   | 17.779 | ng/ul | 96       |
| 53) Dibenzofuran               | 14.63 | 168  | 1357047  | 19.551 | ng/ul | 100      |
| 54) 2,4-Dinitrotoluene         | 14.62 | 165  | 339504   | 19.560 | ng/ul | 97       |
| 55) 2,3,4,6-Tetrachlorophenol  | 14.86 | 232  | 287643   | 19.382 | ng/ul | 98       |
| 56) Diethylphthalate           | 15.07 | 149  | 1155395  | 19.225 | ng/ul | 99       |
| 58) Fluorene                   | 15.29 | 166  | 1112344  | 19.217 | ng/ul | 100      |
| 59) 4-Chlorophenyl-phenylether | 15.29 | 204  | 573696   | 19.295 | ng/ul | 99       |
| 60) 4-Nitroaniline             | 15.33 | 138  | 216397   | 17.799 | ng/ul | 96       |
| 63) 4,6-Dinitro-2-methylphenol | 15.39 | 198  | 200368   | 19.651 | ng/ul | 93       |
| 64) N-Nitrosodiphenylamine     | 15.51 | 169  | 957848   | 22.479 | ng/ul | 98       |
| 65) 4-Bromophenyl-phenylether  | 16.18 | 248  | 346301   | 21.898 | ng/ul | 94       |
| 66) Hexachlorobenzene          | 16.29 | 284  | 369425   | 21.016 | ng/ul | 95       |
| 67) Atrazine                   | 16.47 | 200  | 325656   | 20.604 | ng/ul | 98       |
| 68) Pentachlorophenol          | 16.64 | 266  | 213878   | 19.557 | ng/ul | 97       |
| 69) Phenanthrene               | 17.03 | 178  | 1604813  | 20.277 | ng/ul | 99       |
| 71) Anthracene                 | 17.12 | 178  | 1629886  | 20.137 | ng/ul | 99       |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.02 | 216  | 478457   | 24.395 | ng/uL | 99       |
| 73) Pentachlorobenzene         | 14.55 | 250  | 460178   | 22.940 | ng/uL | 99       |
| 74) Carbazole                  | 17.40 | 167  | 1379147  | 19.338 | ng/ul | 99       |
| 75) Di-n-butylphthalate        | 17.97 | 149  | 1785606  | 19.811 | ng/ul | 99       |
| 76) Fluoranthene               | 19.05 | 202  | 1588089  | 17.059 | ng/ul | 98       |
| 79) Pyrene                     | 19.42 | 202  | 1592436  | 23.771 | ng/ul | 99       |
| 80) Butylbenzylphthalate       | 20.33 | 149  | 648046   | 22.623 | ng/ul | 98       |
| 81) 3,3'-Dichlorobenzidine     | 21.12 | 252  | 448674   | 19.750 | ng/ul | 97       |
| 82) Benzo(a)anthracene         | 21.17 | 228  | 1392537  | 20.344 | ng/ul | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.12 | 149  | 894417   | 21.086 | ng/ul | 99       |
| 84) Chrysene                   | 21.23 | 228  | 1303212  | 20.358 | ng/ul | 99       |
| 86) Di-n-octyl phthalate       | 21.98 | 149  | 1416592  | 18.690 | ng/ul | 100      |
| 87) Benzo(b)fluoranthene       | 22.72 | 252  | 1364131  | 20.280 | ng/ul | 99       |
| 88) Benzo(k)fluoranthene       | 22.76 | 252  | 1261480  | 19.297 | ng/ul | 99       |
| 90) Benzo(a)pyrene             | 23.28 | 252  | 1282065  | 20.099 | ng/ul | 99       |
| 91) Indeno(1,2,3-cd)pyrene     | 25.54 | 276  | 1534992  | 22.711 | ng/ul | 99       |
| 92) Dibenzo(a,h)anthracene     | 25.55 | 278  | 1288620  | 22.582 | ng/ul | 99       |
| 93) Benzo(g,h,i)perylene       | 26.20 | 276  | 1298424  | 23.770 | ng/ul | 100      |

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

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#2

1,4-Dioxane

Concen: 7.463 ng/uL

RT: 3.22 min Scan# 39

Delta R.T. 0.00 min

Lab File: BM017841.D

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Instrument :

BNA\_M

ClientSampleId :

SSTD02075

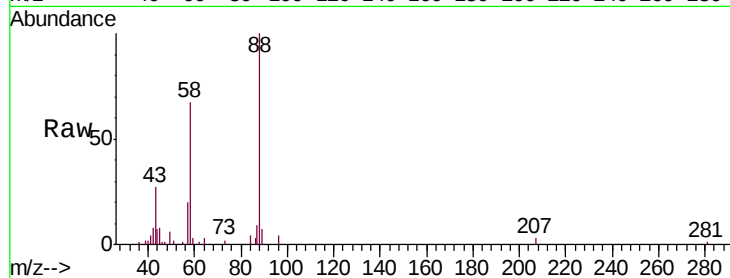
Tgt Ion: 88 Resp: 48199

Ion Ratio Lower Upper

88 100

43 27.1 27.4 41.0#

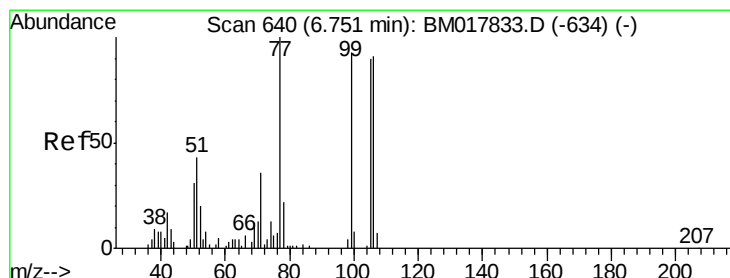
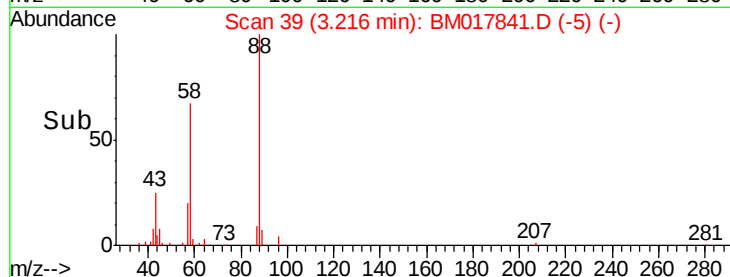
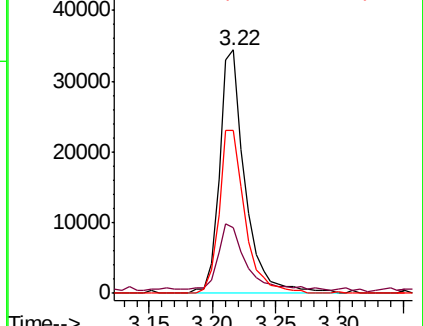
58 67.1 50.2 75.4



Abundance Ion 88.00 (87.70 to 88.70): BM017833.D (-34) (-)

Ion 43.00 (42.70 to 43.70): BM017833.D (-34) (-)

Ion 58.00 (57.70 to 58.70): BM017833.D (-34) (-)



#4

Benzaldehyde

Concen: 18.293 ng/uL

RT: 6.75 min Scan# 639

Delta R.T. -0.01 min

Lab File: BM017841.D

Acq: 01 Dec 2018 02:49

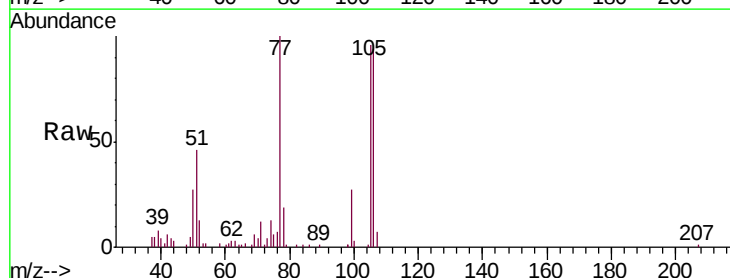
Tgt Ion: 77 Resp: 86307

Ion Ratio Lower Upper

77 100

105 95.5 74.4 111.6

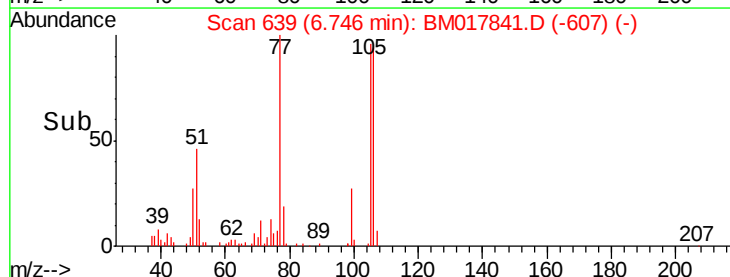
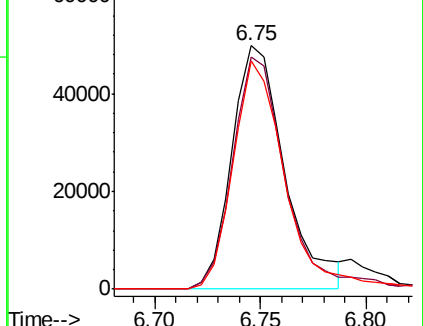
106 94.0 67.4 101.2

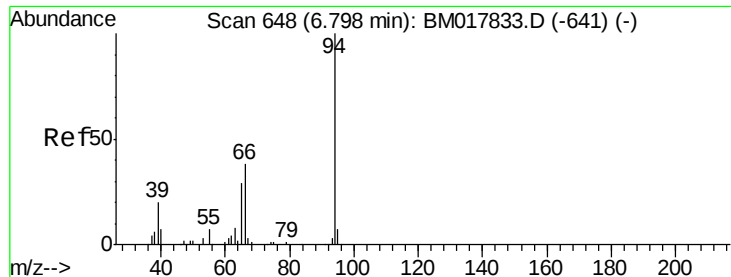


Abundance Ion 77.00 (76.70 to 77.70): BM017833.D (-634) (-)

Ion 105.00 (104.70 to 105.70): BM017833.D (-634) (-)

Ion 106.00 (105.70 to 106.70): BM017833.D (-634) (-)





#6

Phenol

Concen: 18.882 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM017841.D

Acq: 01 Dec 2018 02:49

Instrument :

BNA\_M

ClientSampleId :

SSTD02075

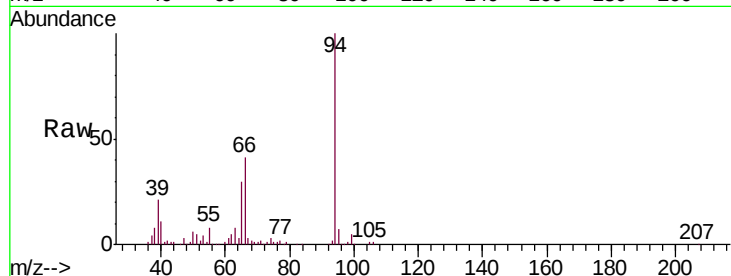
Tgt Ion: 94 Resp: 476896

Ion Ratio Lower Upper

94 100

65 29.6 24.7 37.1

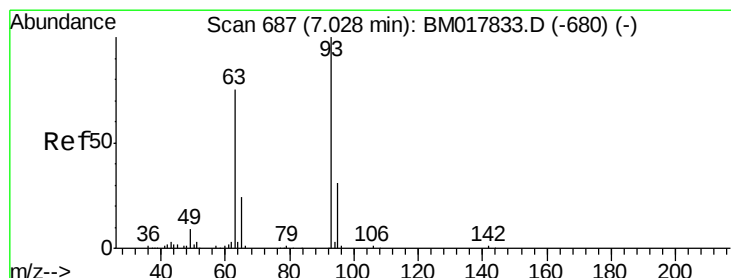
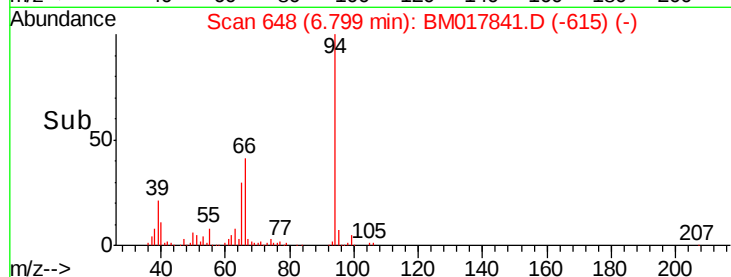
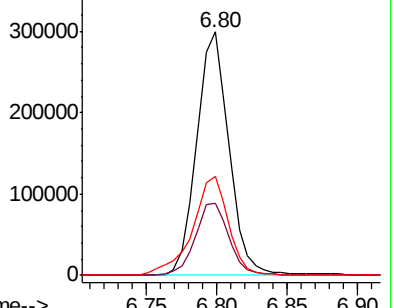
66 40.6 34.6 51.8



Abundance Ion 94.00 (93.70 to 94.70): BM017833.D (-641) (-)

Ion 65.00 (64.70 to 65.70): BM017833.D (-641) (-)

Ion 66.00 (65.70 to 66.70): BM017833.D (-641) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 19.358 ng/ul

RT: 7.03 min Scan# 687

Delta R.T. -0.01 min

Lab File: BM017841.D

Acq: 01 Dec 2018 02:49

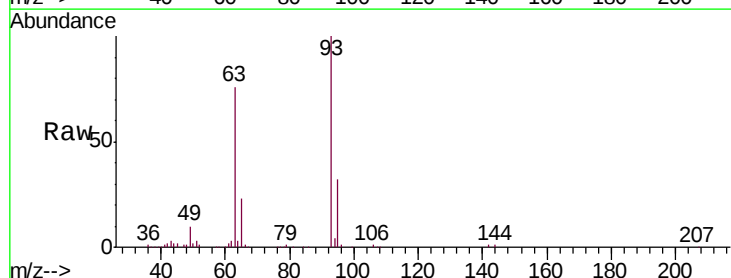
Tgt Ion: 93 Resp: 373529

Ion Ratio Lower Upper

93 100

63 75.6 60.6 90.8

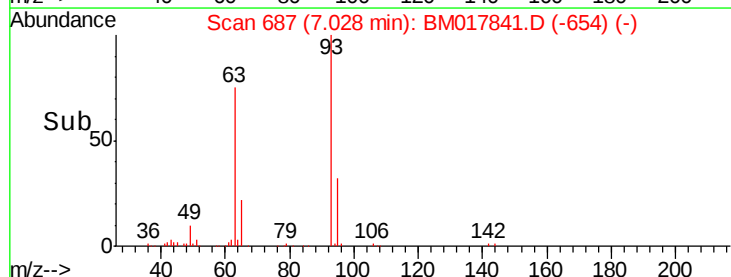
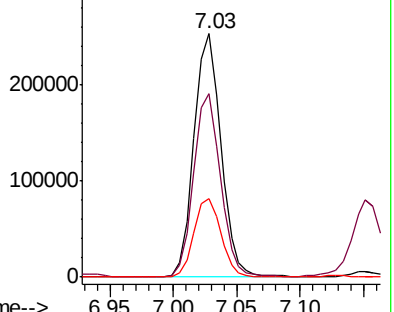
95 32.1 25.4 38.2

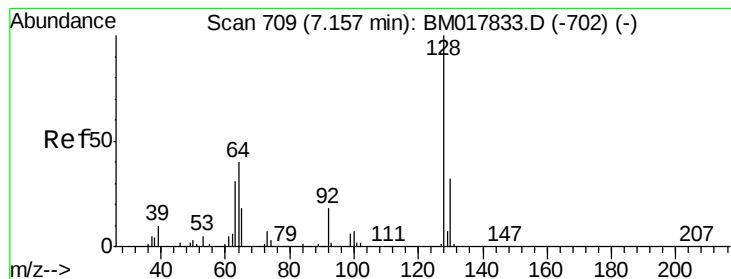


Abundance Ion 93.00 (92.70 to 93.70): BM017833.D (-680) (-)

Ion 63.00 (62.70 to 63.70): BM017833.D (-680) (-)

Ion 95.00 (94.70 to 95.70): BM017833.D (-680) (-)





#10

2-Chlorophenol

Concen: 19.971 ng/ul

RT: 7.15 min Scan# 708

Delta R.T. -0.01 min

Lab File: BM017841.D

Acq: 01 Dec 2018 02:49

Instrument :

BNA\_M

ClientSampleId :

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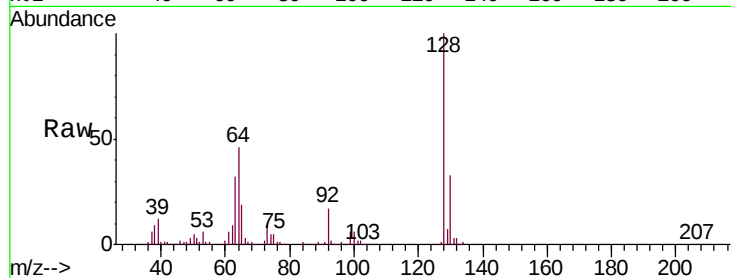
Tgt Ion:128 Resp: 395035

Ion Ratio Lower Upper

128 100

64 46.4 36.8 55.2

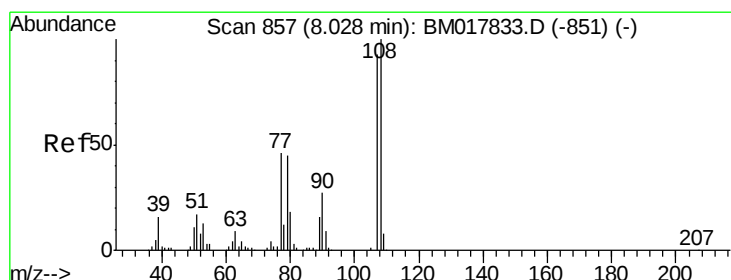
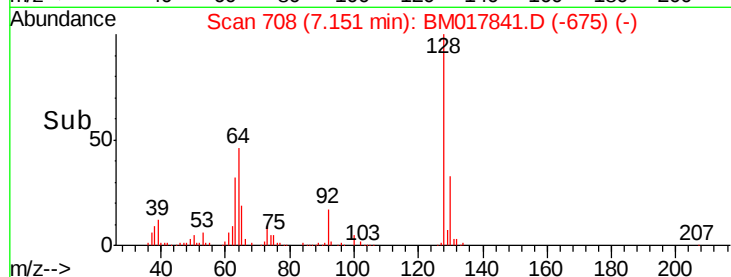
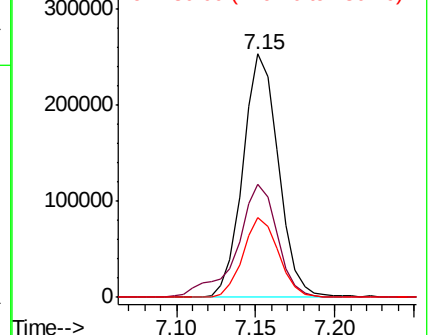
130 32.6 25.0 37.4



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: 18.696 ng/ul

RT: 8.03 min Scan# 857

Delta R.T. -0.01 min

Lab File: BM017841.D

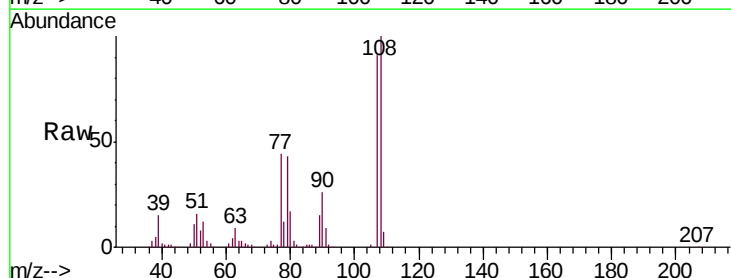
Acq: 01 Dec 2018 02:49

Tgt Ion:108 Resp: 360263

Ion Ratio Lower Upper

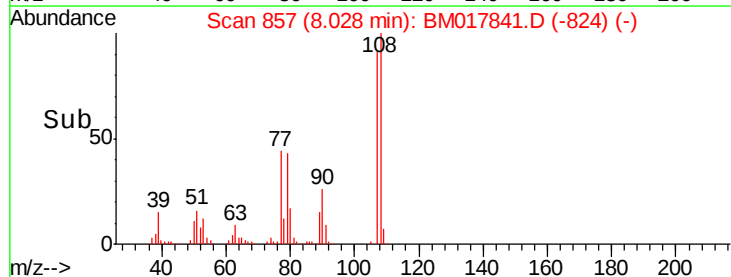
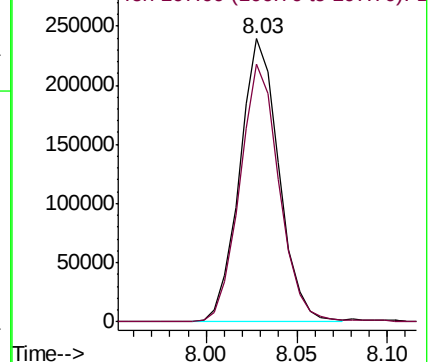
108 100

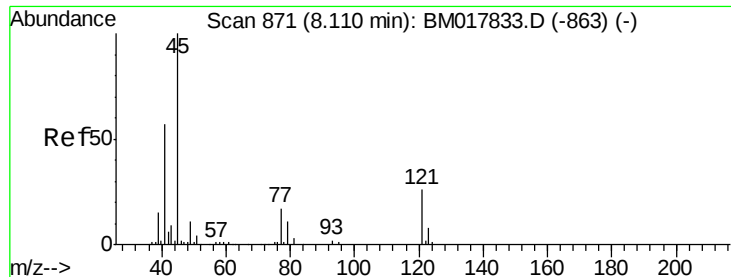
107 90.9 70.8 106.2



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

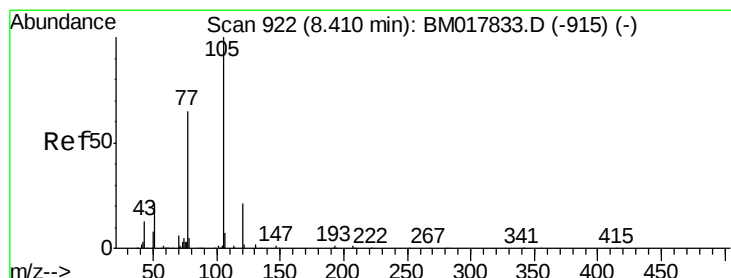
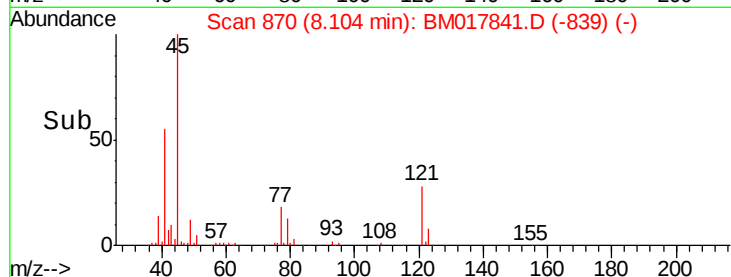
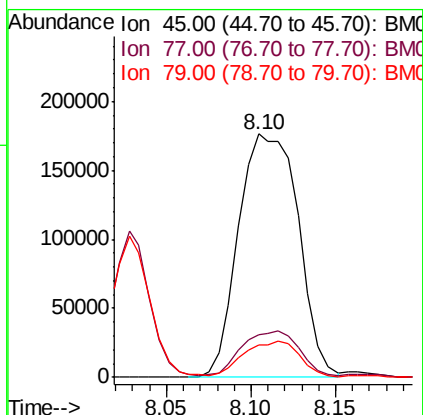
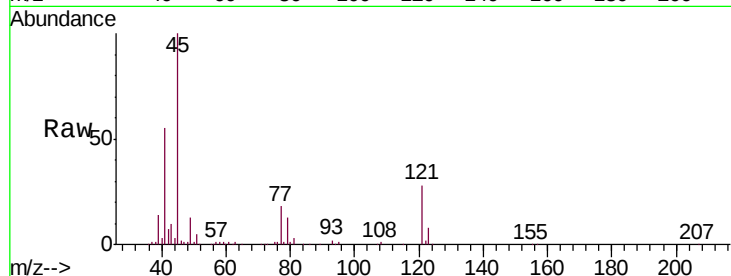




#12  
2,2'-oxybis(1-Chloropropane)  
Concen: 19.011 ng/ul  
RT: 8.10 min Scan# 870  
Delta R.T. -0.02 min  
Lab File: BM017841.D  
Acq: 01 Dec 2018 02:49

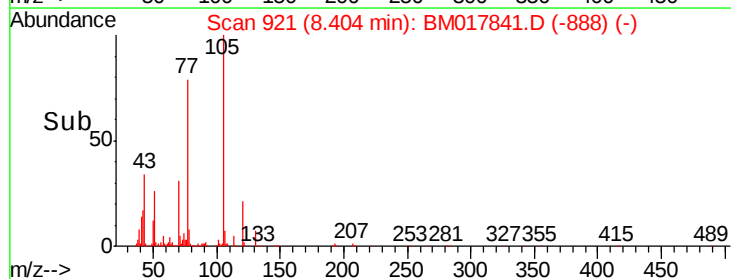
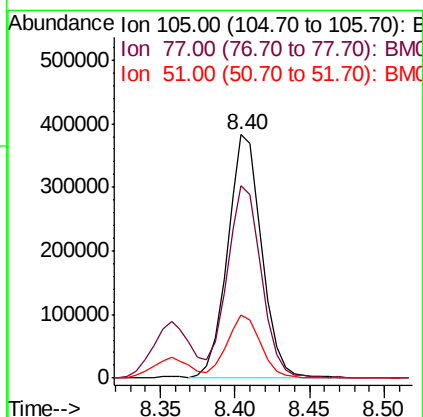
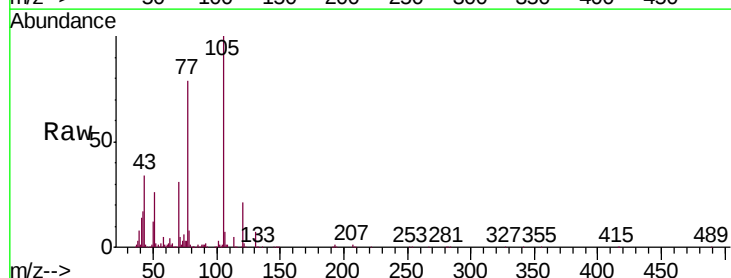
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02075

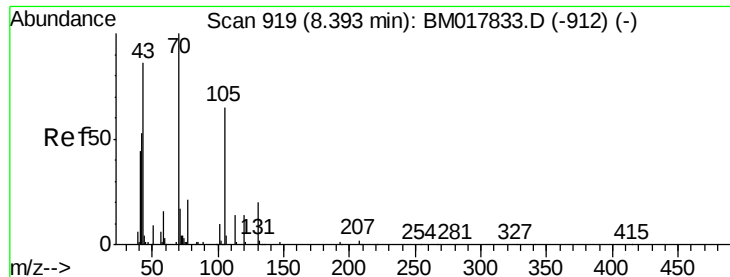
Tgt Ion: 45 Resp: 432782  
Ion Ratio Lower Upper  
45 100  
77 17.7 15.3 22.9  
79 13.4 11.4 17.0



#14  
Acetophenone  
Concen: 18.937 ng/ul  
RT: 8.40 min Scan# 921  
Delta R.T. -0.01 min  
Lab File: BM017841.D  
Acq: 01 Dec 2018 02:49

Tgt Ion: 105 Resp: 610244  
Ion Ratio Lower Upper  
105 100  
77 79.2 63.0 94.6  
51 26.1 21.3 31.9

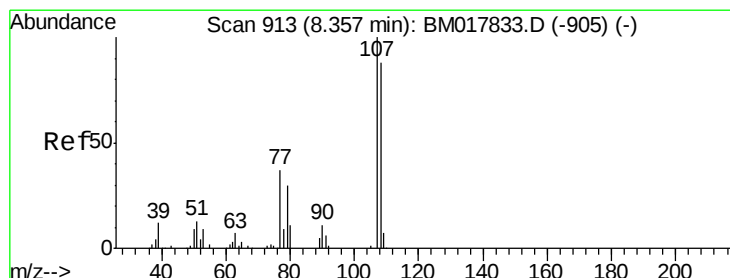
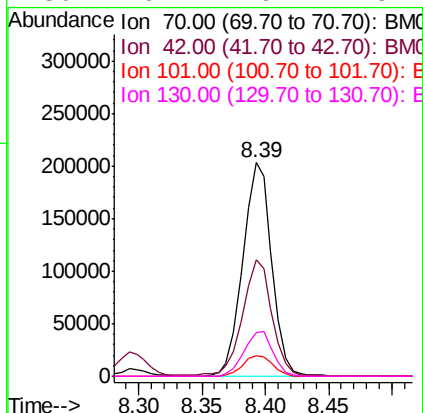
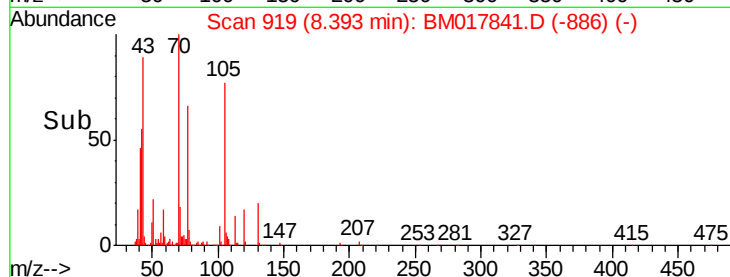
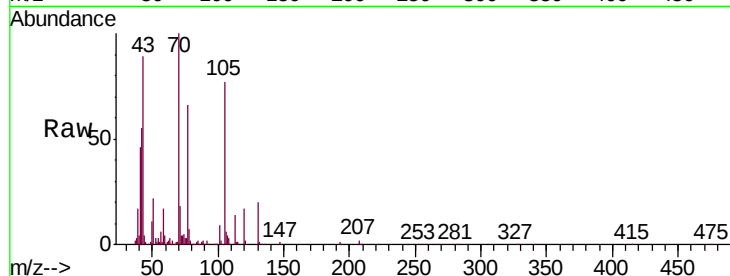




#15  
N-Nitroso-di-n-propylamine  
Concen: 19.048 ng/ul  
RT: 8.39 min Scan# 919  
Delta R.T. -0.01 min  
Lab File: BM017841.D  
Acq: 01 Dec 2018 02:49

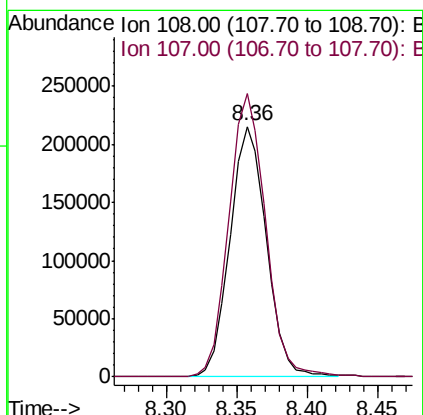
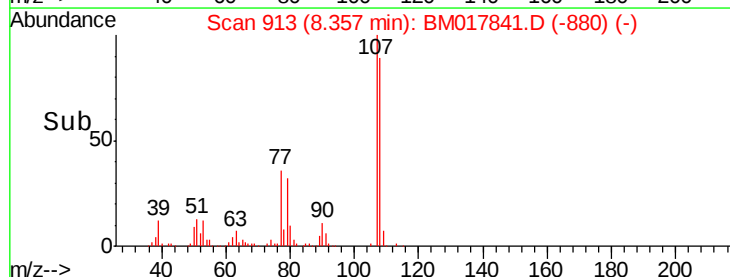
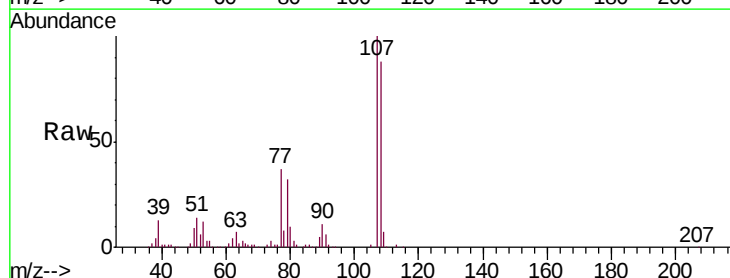
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02075

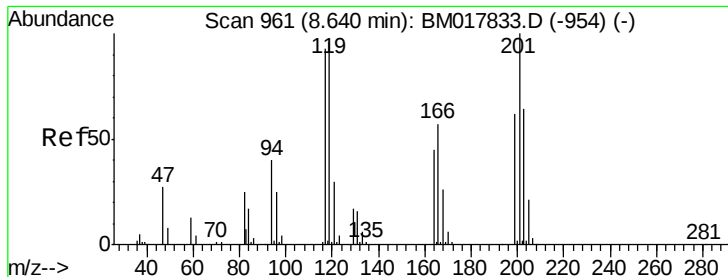
Tgt Ion: 70 Resp: 320145  
Ion Ratio Lower Upper  
70 100  
42 54.6 42.7 64.1  
101 9.3 7.6 11.4  
130 20.4 16.7 25.1



#16  
4-Methylphenol  
Concen: 18.654 ng/ul  
RT: 8.36 min Scan# 913  
Delta R.T. -0.01 min  
Lab File: BM017841.D  
Acq: 01 Dec 2018 02:49

Tgt Ion: 108 Resp: 388431  
Ion Ratio Lower Upper  
108 100  
107 113.1 91.3 136.9





#17

Hexachloroethane

Concen: 20.746 ng/ul

RT: 8.64 min Scan# 961

Delta R.T. -0.01 min

Lab File: BM017841.D

Acq: 01 Dec 2018 02:49

Instrument :

BNA\_M

ClientSampleId :

SSTD02075

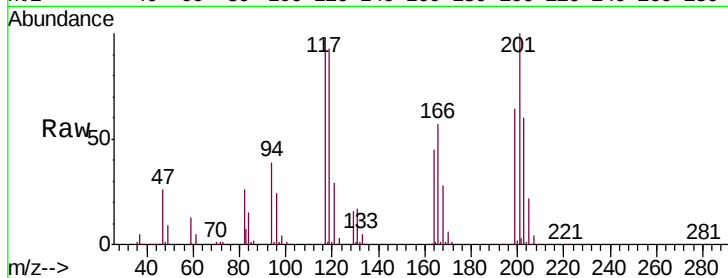
Tgt Ion:117 Resp: 166379

Ion Ratio Lower Upper

117 100

201 101.8 78.2 117.2

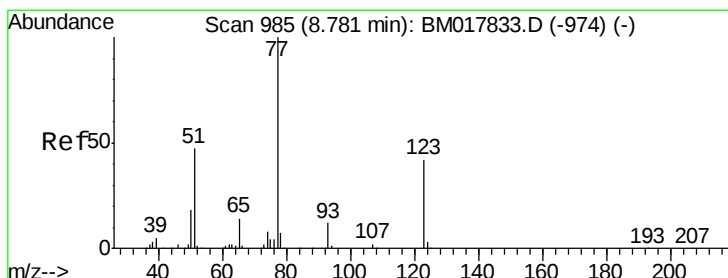
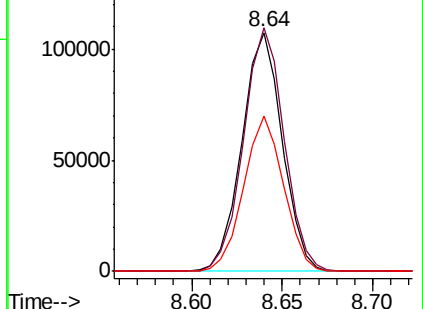
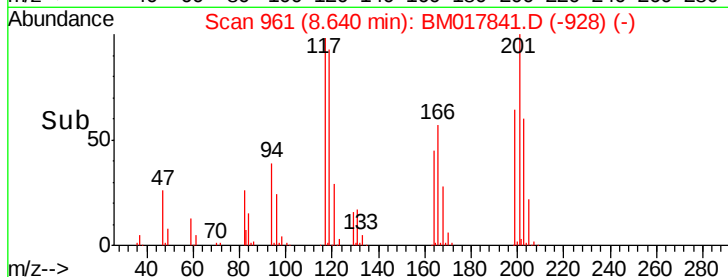
199 64.7 49.5 74.3



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: 19.693 ng/ul

RT: 8.78 min Scan# 985

Delta R.T. -0.01 min

Lab File: BM017841.D

Acq: 01 Dec 2018 02:49

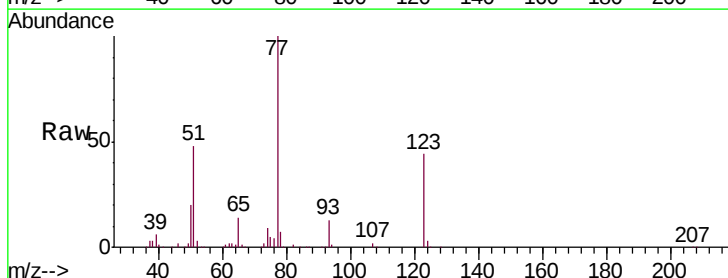
Tgt Ion: 77 Resp: 463050

Ion Ratio Lower Upper

77 100

123 44.3 33.1 49.7

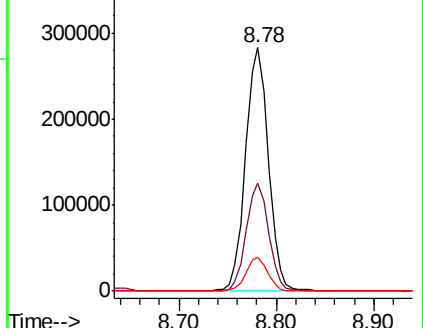
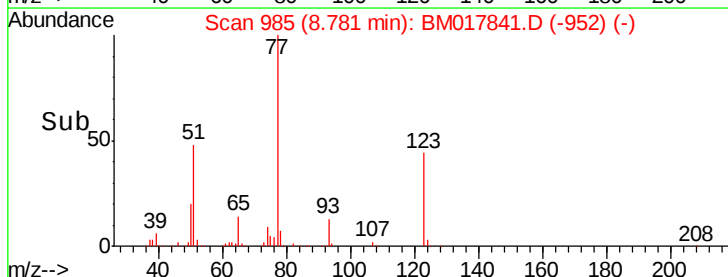
65 13.9 11.0 16.6

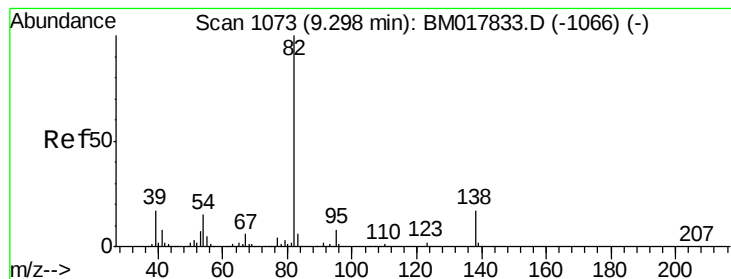


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM





#21

Isophorone

Concen: 19.573 ng/ul

RT: 9.30 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BM017841.D

Acq: 01 Dec 2018 02:49

Instrument :

BNA\_M

ClientSampleId :

SSTD02075

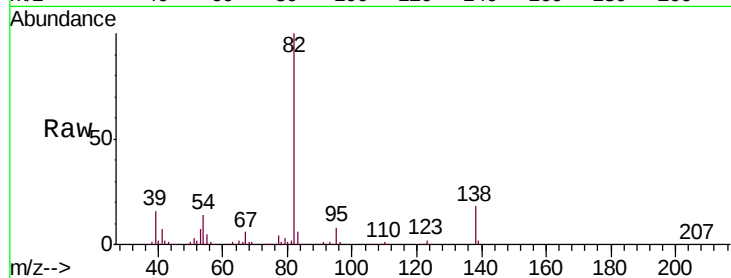
Tgt Ion: 82 Resp: 856145

Ion Ratio Lower Upper

82 100

95 7.7 6.1 9.1

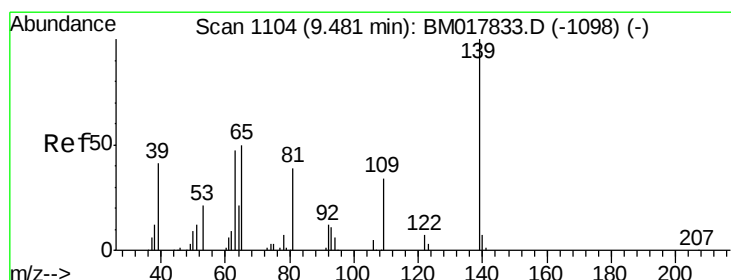
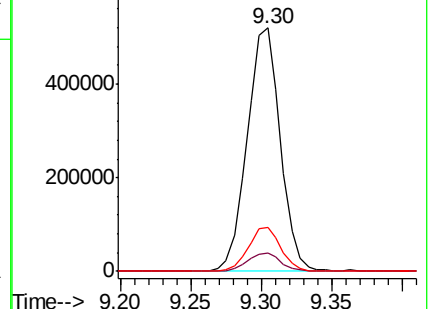
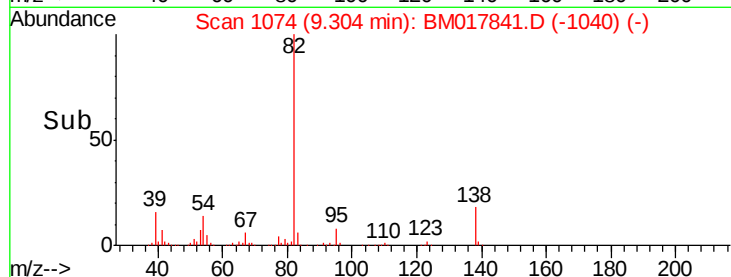
138 17.9 14.2 21.2



Abundance Ion 82.00 (81.70 to 82.70): BM017833.D (-1066) (-)

Ion 95.00 (94.70 to 95.70): BM017833.D (-1066) (-)

Ion 138.00 (137.70 to 138.70): BM017833.D (-1066) (-)



#23

2-Nitrophenol

Concen: 20.563 ng/ul

RT: 9.48 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BM017841.D

Acq: 01 Dec 2018 02:49

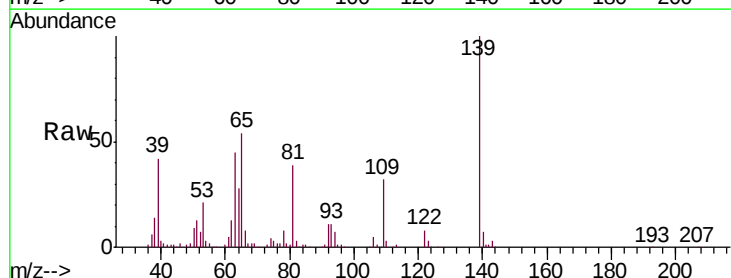
Tgt Ion: 139 Resp: 229706

Ion Ratio Lower Upper

139 100

65 53.5 44.2 66.4

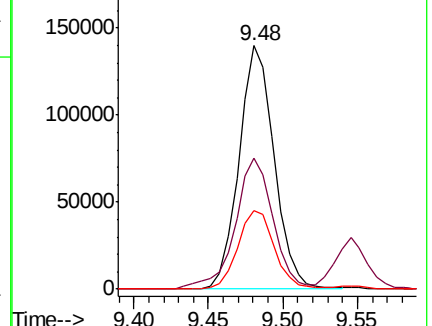
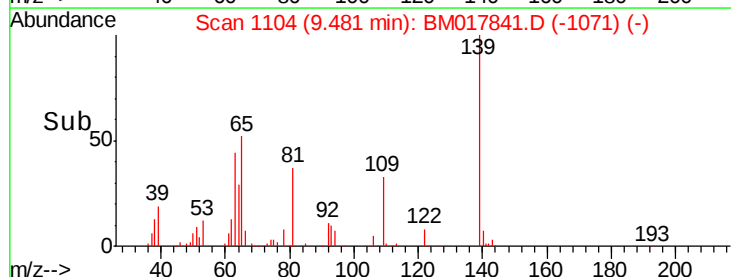
109 32.5 26.4 39.6

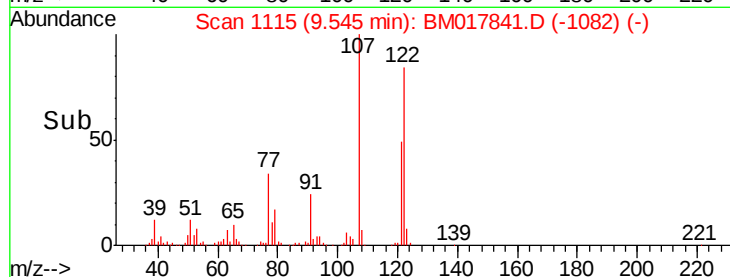
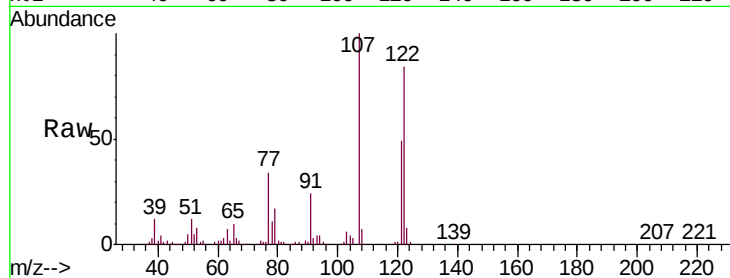
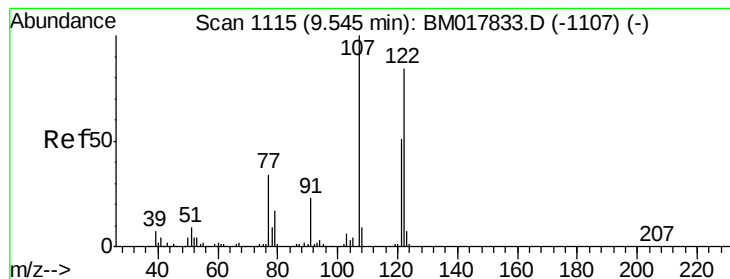


Abundance Ion 139.00 (138.70 to 139.70): BM017833.D (-1098) (-)

Ion 65.00 (64.70 to 65.70): BM017833.D (-1098) (-)

Ion 109.00 (108.70 to 109.70): BM017833.D (-1098) (-)





#24

2,4-Dimethylphenol

Concen: 19.911 ng/ul

RT: 9.55 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BM017841.D

Acq: 01 Dec 2018 02:49

Instrument :

BNA\_M

ClientSampleId :

SSTD02075

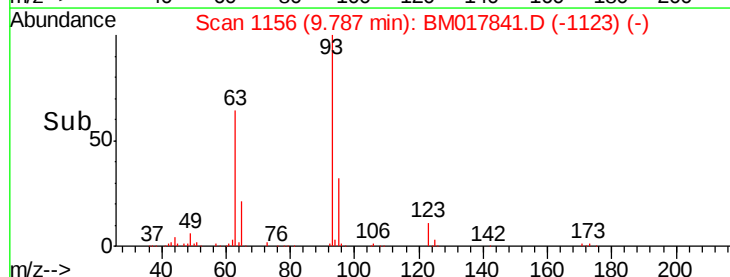
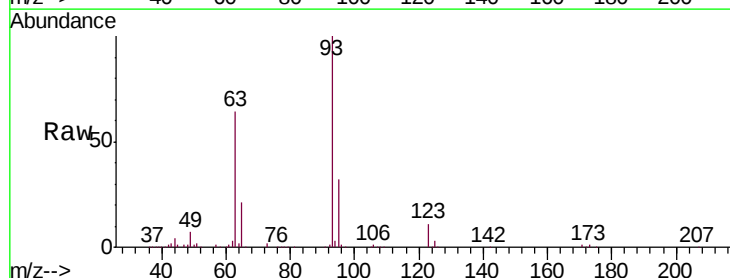
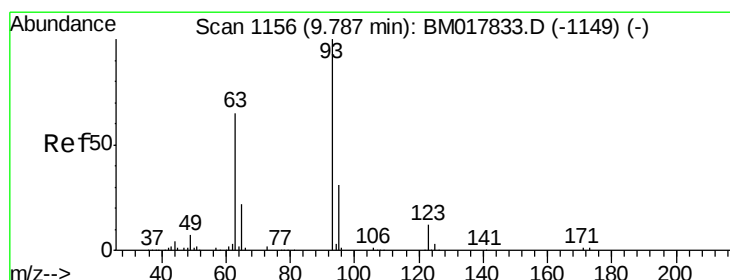
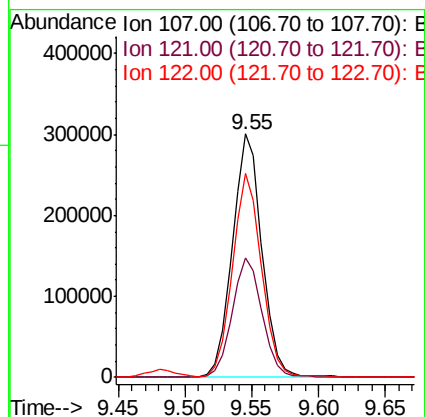
Tgt Ion:107 Resp: 464628

Ion Ratio Lower Upper

107 100

121 49.0 39.6 59.4

122 83.6 68.1 102.1



#25

Bis(2-Chloroethoxy)methane

Concen: 19.632 ng/ul

RT: 9.79 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BM017841.D

Acq: 01 Dec 2018 02:49

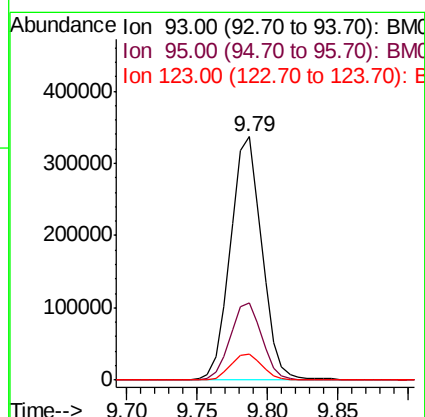
Tgt Ion: 93 Resp: 525500

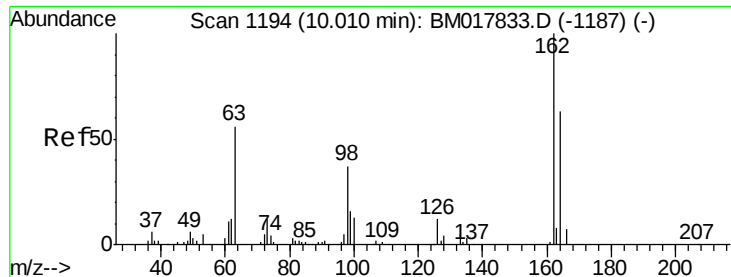
Ion Ratio Lower Upper

93 100

95 31.6 26.0 39.0

123 10.8 9.0 13.4

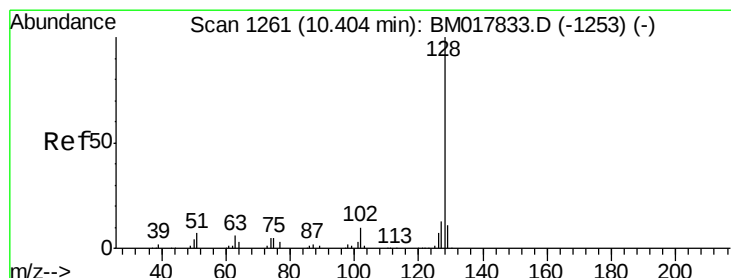
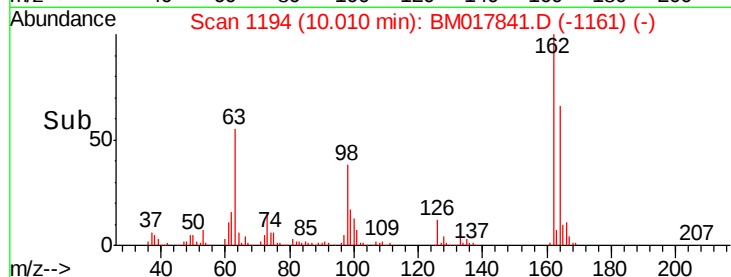
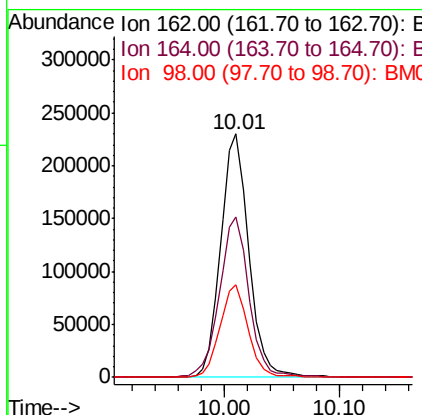
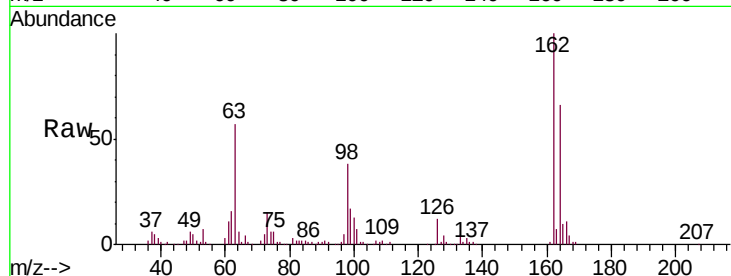




#27  
2,4-Dichlorophenol  
Concen: 20.144 ng/ul  
RT: 10.01 min Scan# 1194  
Delta R.T. -0.01 min  
Lab File: BM017841.D  
Acq: 01 Dec 2018 02:49

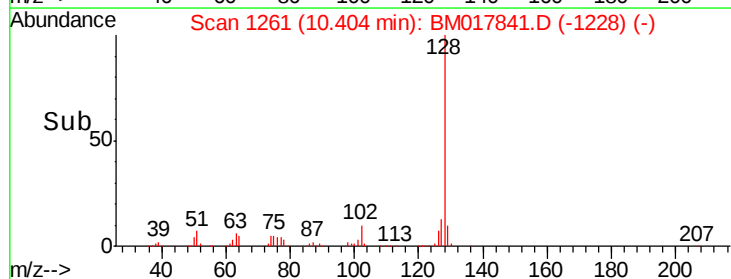
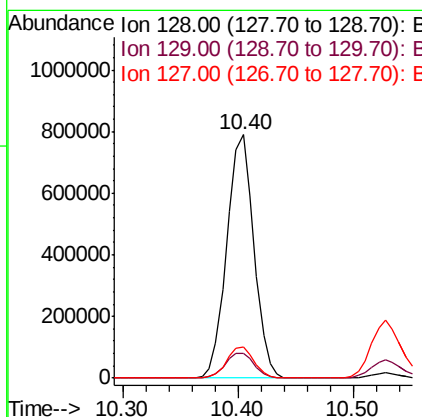
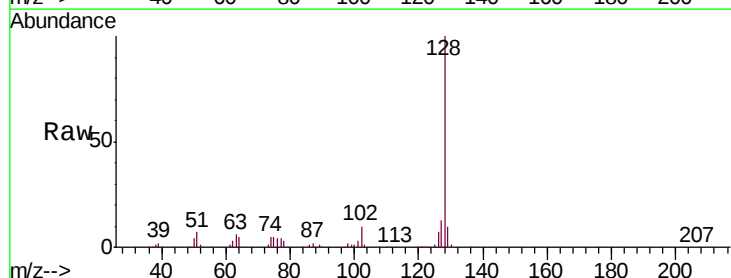
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02075

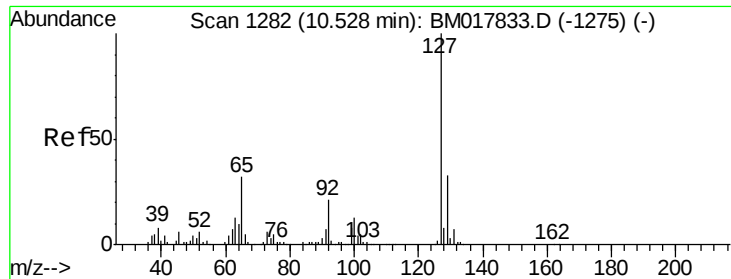
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.0  | 51.8  | 77.8  |
| 98      | 38.1  | 29.0  | 43.6  |



#28  
Naphthalene  
Concen: 20.250 ng/ul  
RT: 10.40 min Scan# 1261  
Delta R.T. -0.01 min  
Lab File: BM017841.D  
Acq: 01 Dec 2018 02:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.4  | 8.6   | 12.8  |
| 127     | 12.7  | 10.8  | 16.2  |

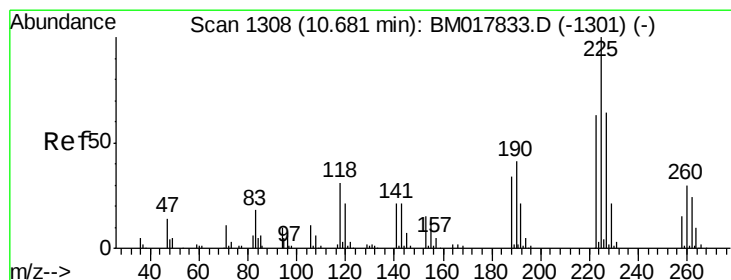
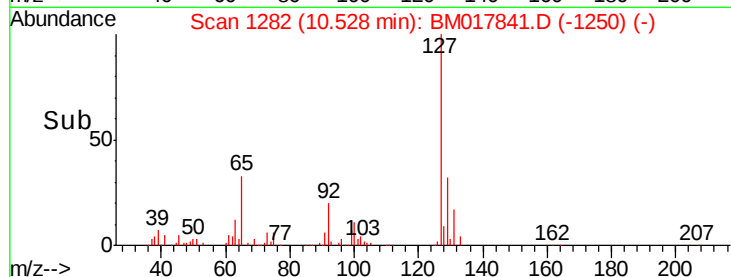
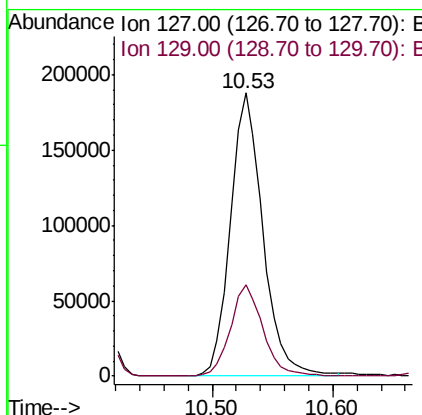
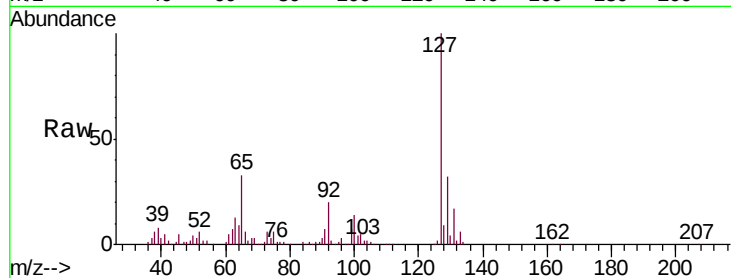




#30  
4-Chloroaniline  
Concen: 19.710 ng/ul  
RT: 10.53 min Scan# 1282  
Delta R.T. -0.01 min  
Lab File: BM017841.D  
Acq: 01 Dec 2018 02:49

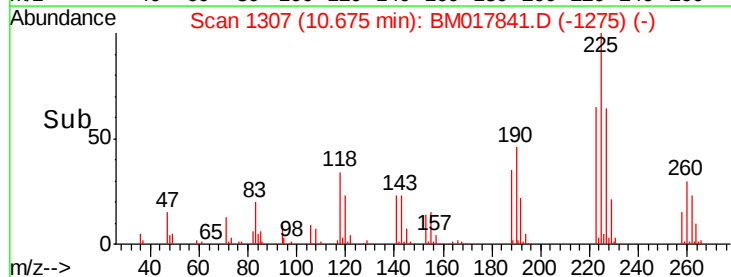
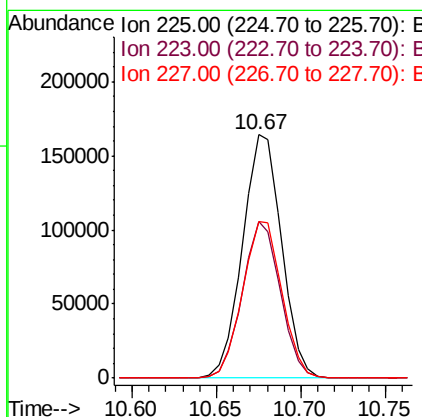
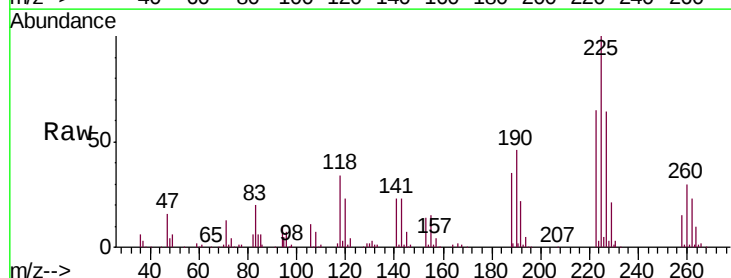
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02075

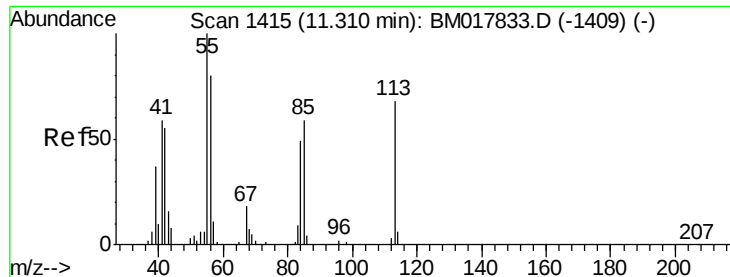
Tgt Ion:127 Resp: 352611  
Ion Ratio Lower Upper  
127 100  
129 32.3 24.6 37.0



#31  
Hexachlorobutadiene  
Concen: 20.621 ng/ul  
RT: 10.67 min Scan# 1307  
Delta R.T. -0.01 min  
Lab File: BM017841.D  
Acq: 01 Dec 2018 02:49

Tgt Ion:225 Resp: 264230  
Ion Ratio Lower Upper  
225 100  
223 64.5 48.8 73.2  
227 64.4 50.3 75.5





#32

Caprolactam

Concen: 10.768 ng/ul

RT: 11.31 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BM017841.D

Acq: 01 Dec 2018 02:49

Instrument :

BNA\_M

ClientSampleId :

SSTD02075

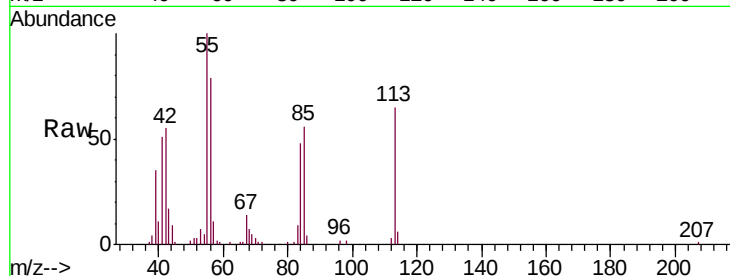
Tgt Ion:113 Resp: 68738

Ion Ratio Lower Upper

113 100

55 153.7 110.6 166.0

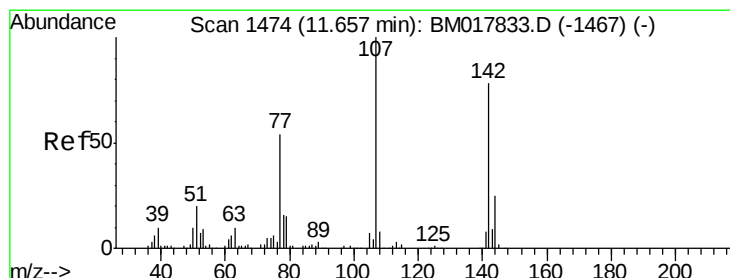
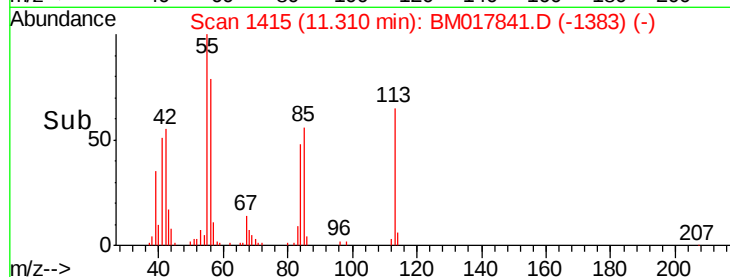
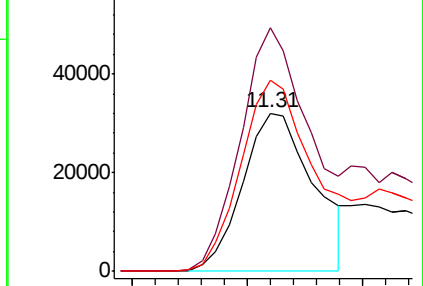
56 120.8 88.2 132.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 19.361 ng/ul

RT: 11.66 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BM017841.D

Acq: 01 Dec 2018 02:49

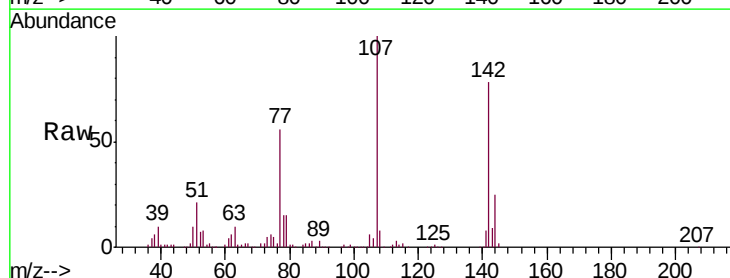
Tgt Ion:107 Resp: 424252

Ion Ratio Lower Upper

107 100

144 24.8 21.1 31.7

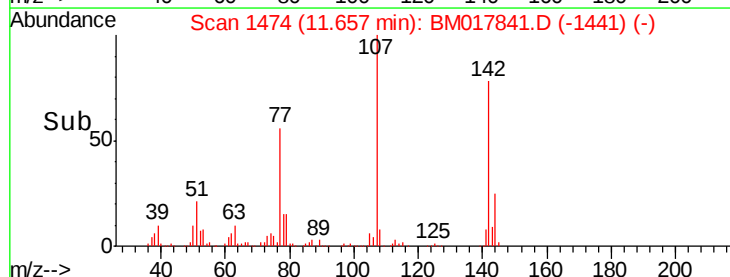
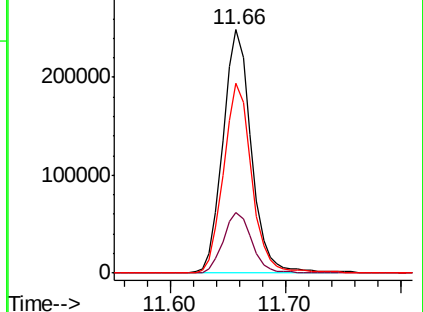
142 78.2 63.0 94.6

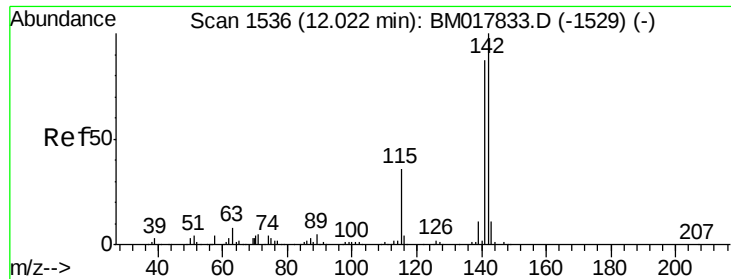


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

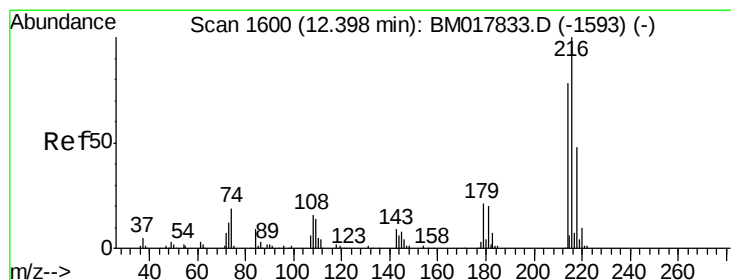
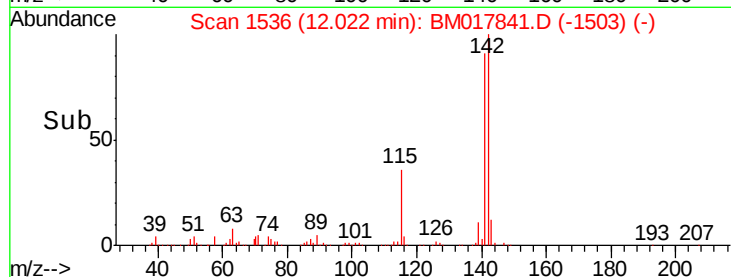
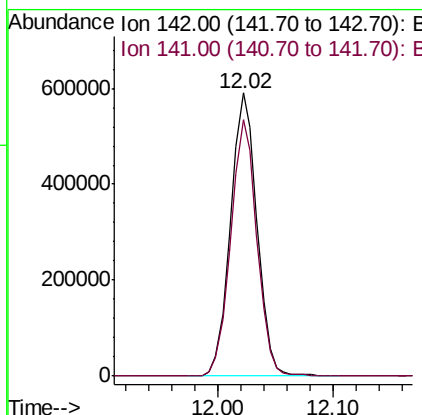
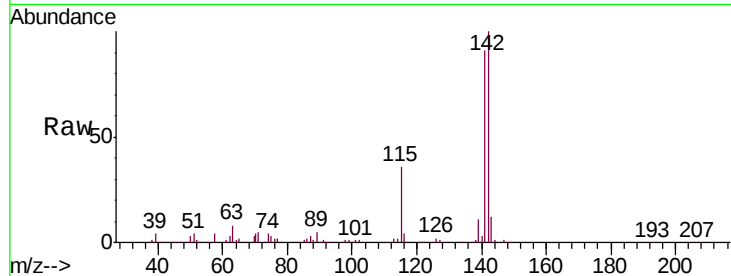




#34  
 2-Methylnaphthalene  
 Concen: 19.736 ng/ul  
 RT: 12.02 min Scan# 1536  
 Delta R.T. -0.01 min  
 Lab File: BM017841.D  
 Acq: 01 Dec 2018 02:49

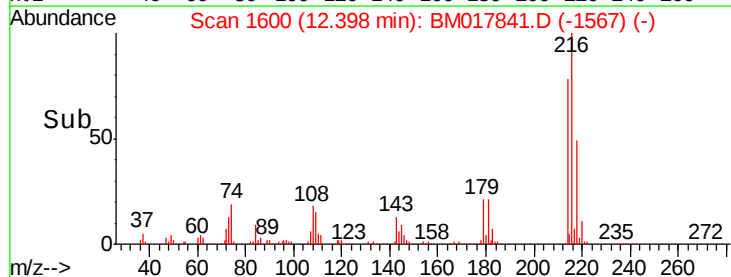
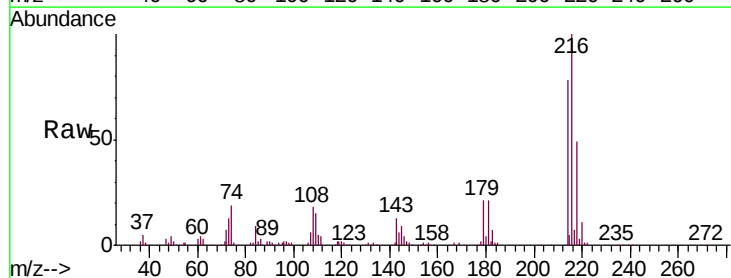
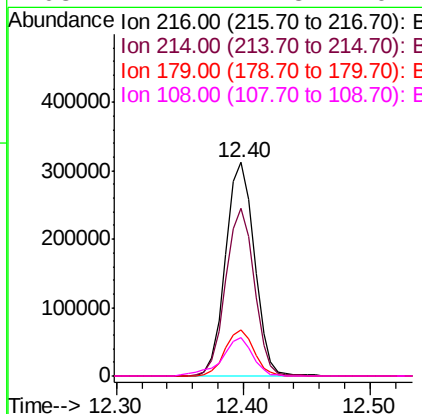
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02075

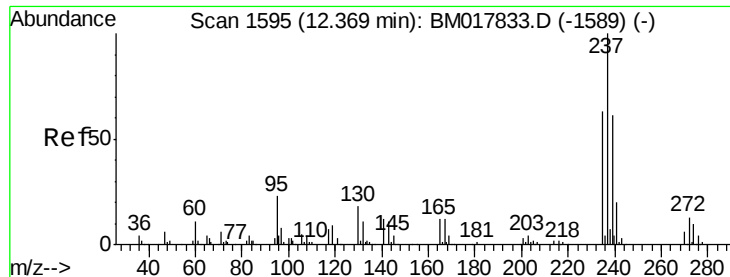
Tgt Ion:142 Resp: 936193  
 Ion Ratio Lower Upper  
 142 100  
 141 90.5 72.6 108.8



#36  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 21.239 ng/ul  
 RT: 12.40 min Scan# 1600  
 Delta R.T. -0.01 min  
 Lab File: BM017841.D  
 Acq: 01 Dec 2018 02:49

Tgt Ion:216 Resp: 491832  
 Ion Ratio Lower Upper  
 216 100  
 214 78.4 61.3 91.9  
 179 21.3 17.0 25.4  
 108 17.7 12.8 19.2

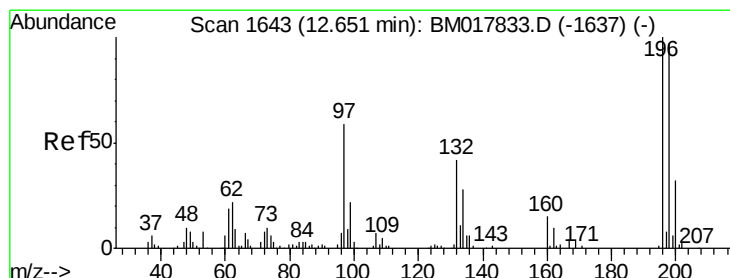
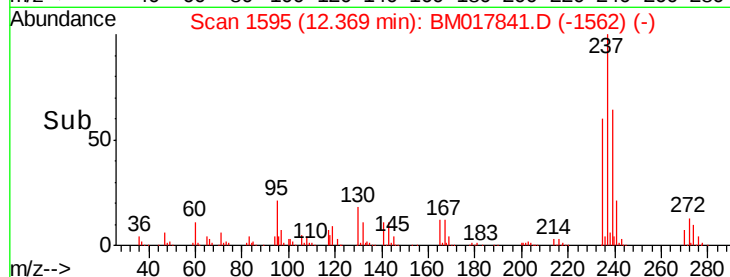
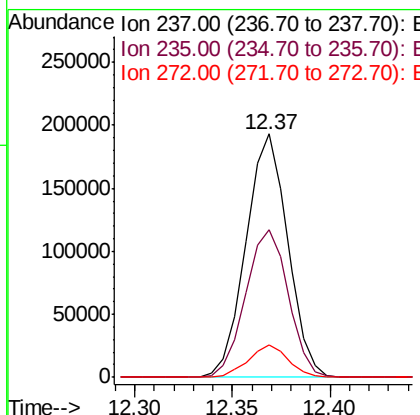
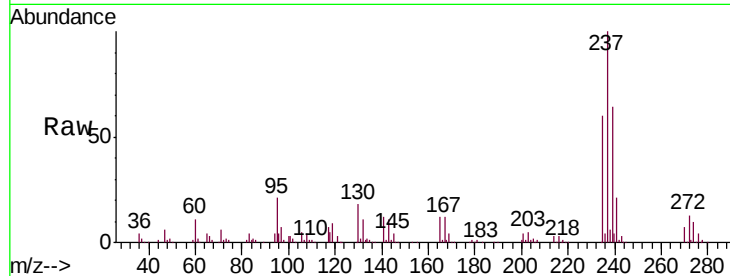




#37  
 Hexachlorocyclopentadiene  
 Concen: 19.221 ng/ul  
 RT: 12.37 min Scan# 1595  
 Delta R.T. -0.01 min  
 Lab File: BM017841.D  
 Acq: 01 Dec 2018 02:49

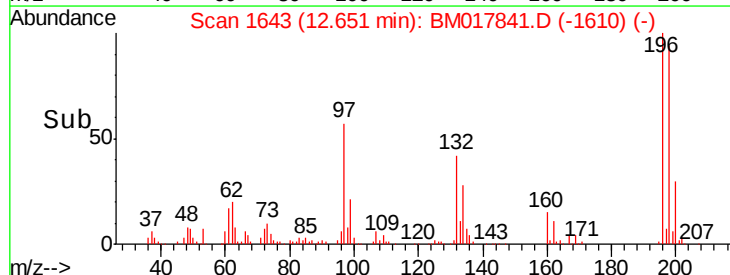
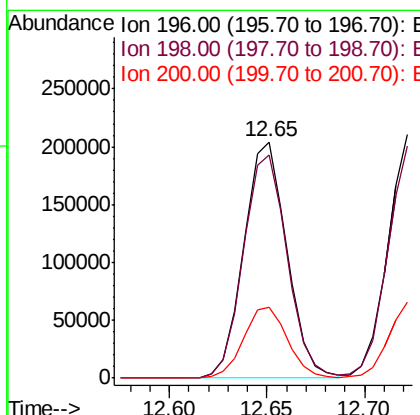
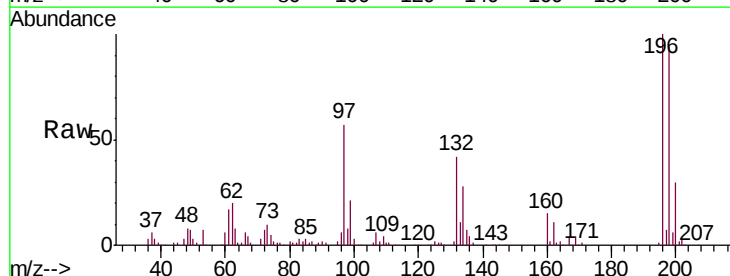
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02075

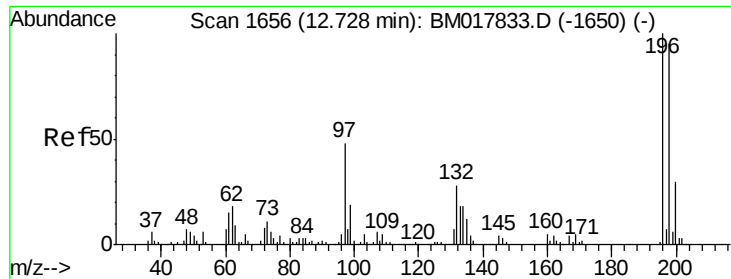
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 287038 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 60.4  | 48.6  | 73.0   |
| 272      | 13.9  | 9.4   | 14.0   |



#38  
 2,4,6-Trichlorophenol  
 Concen: 20.719 ng/ul  
 RT: 12.65 min Scan# 1643  
 Delta R.T. -0.01 min  
 Lab File: BM017841.D  
 Acq: 01 Dec 2018 02:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 196   | Resp: | 311822 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 94.4  | 74.9  | 112.3  |
| 200      | 30.2  | 25.4  | 38.2   |

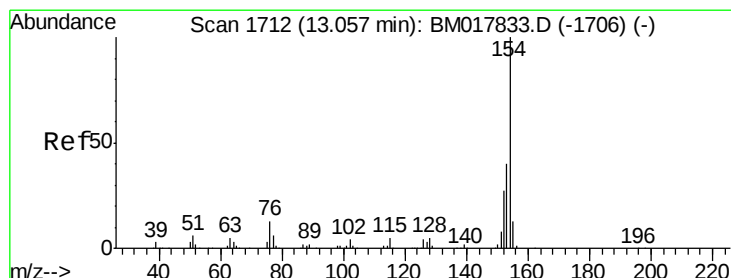
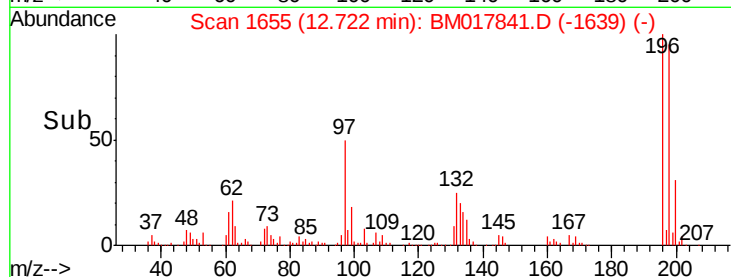
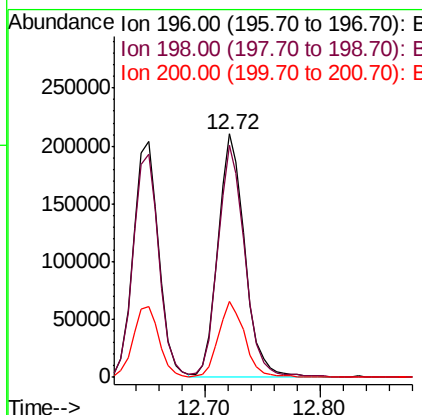
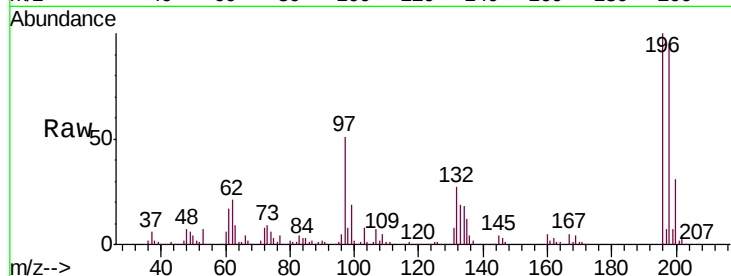




#39  
 2,4,5-Trichlorophenol  
 Concen: 20.814 ng/ul  
 RT: 12.72 min Scan# 1655  
 Delta R.T. -0.01 min  
 Lab File: BM017841.D  
 Acq: 01 Dec 2018 02:49

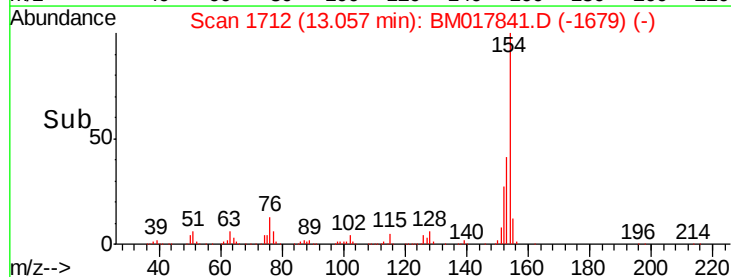
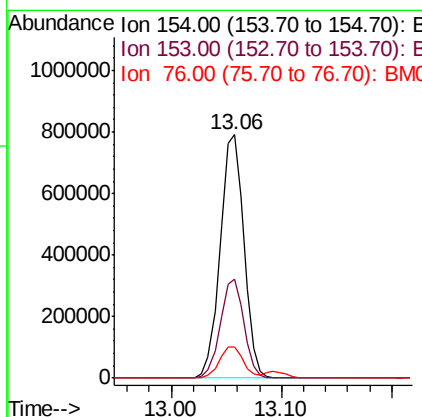
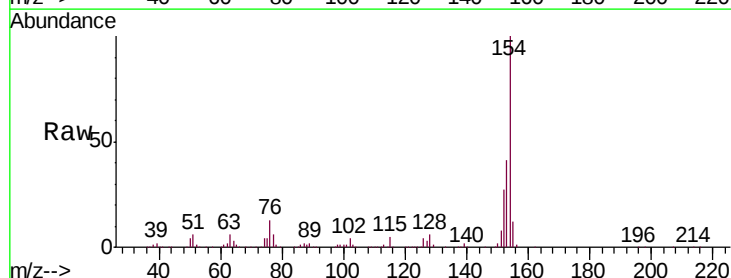
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02075

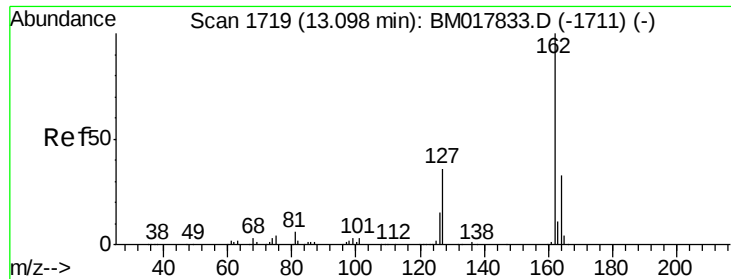
Tgt Ion:196 Resp: 335016  
 Ion Ratio Lower Upper  
 196 100  
 198 95.4 77.2 115.8  
 200 31.1 25.8 38.8



#40  
 1,1'-Biphenyl  
 Concen: 20.845 ng/ul  
 RT: 13.06 min Scan# 1712  
 Delta R.T. -0.01 min  
 Lab File: BM017841.D  
 Acq: 01 Dec 2018 02:49

Tgt Ion:154 Resp: 1190859  
 Ion Ratio Lower Upper  
 154 100  
 153 40.5 32.5 48.7  
 76 12.6 10.6 15.8

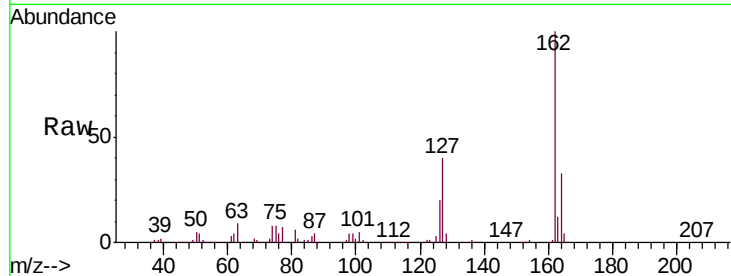




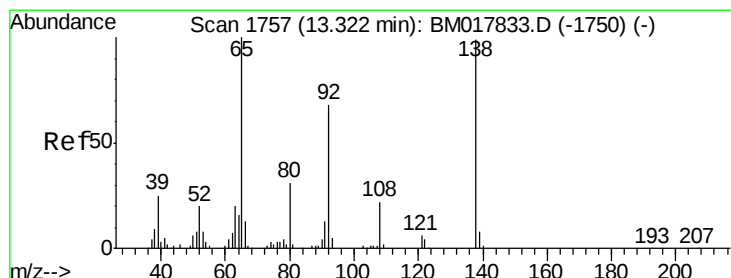
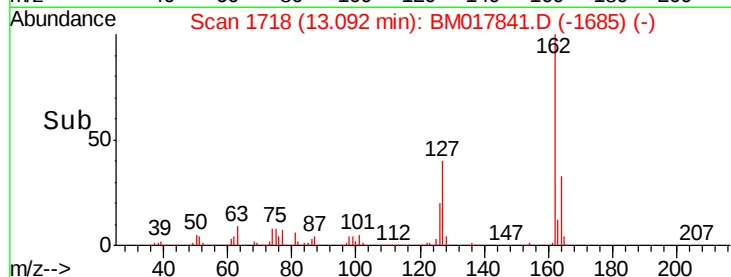
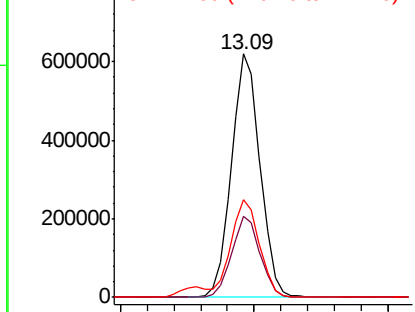
#41  
2-Chloronaphthalene  
Concen: 20.654 ng/ul  
RT: 13.09 min Scan# 1718  
Delta R.T. -0.01 min  
Lab File: BM017841.D  
Acq: 01 Dec 2018 02:49

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02075

Tgt Ion: 162 Resp: 923013  
Ion Ratio Lower Upper  
162 100  
164 33.1 26.1 39.1  
127 40.0 31.8 47.8

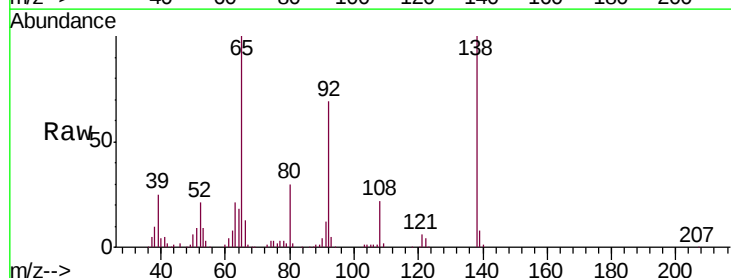


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 127.00 (126.70 to 127.70): E

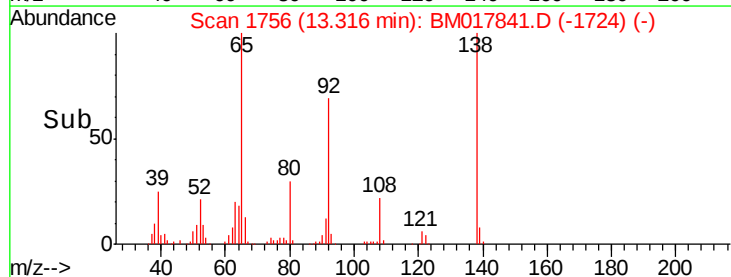
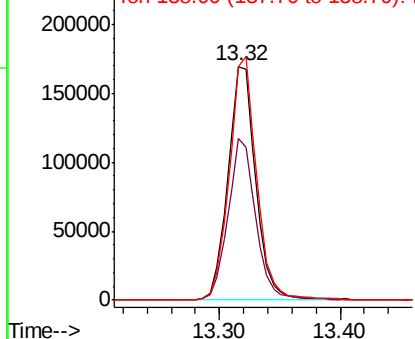


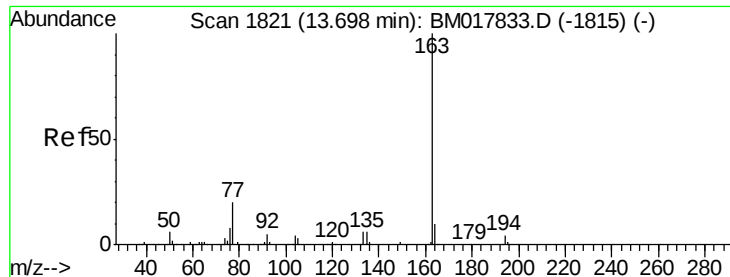
#42  
2-Nitroaniline  
Concen: 20.932 ng/ul  
RT: 13.32 min Scan# 1756  
Delta R.T. -0.01 min  
Lab File: BM017841.D  
Acq: 01 Dec 2018 02:49

Tgt Ion: 65 Resp: 272406  
Ion Ratio Lower Upper  
65 100  
92 69.0 56.3 84.5  
138 100.0 85.4 128.0



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





#44

Dimethylphthalate

Concen: 19.555 ng/ul

RT: 13.70 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BM017841.D

Acq: 01 Dec 2018 02:49

Instrument :

BNA\_M

ClientSampleId :

SSTD02075

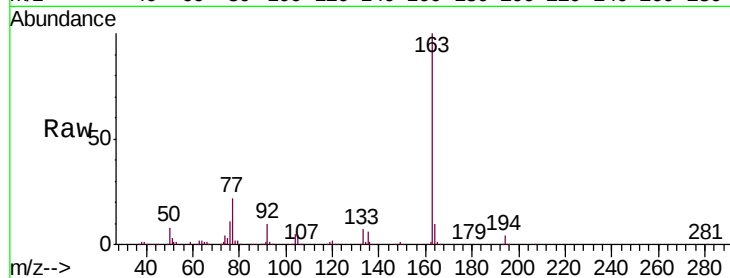
Tgt Ion:163 Resp: 1140844

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

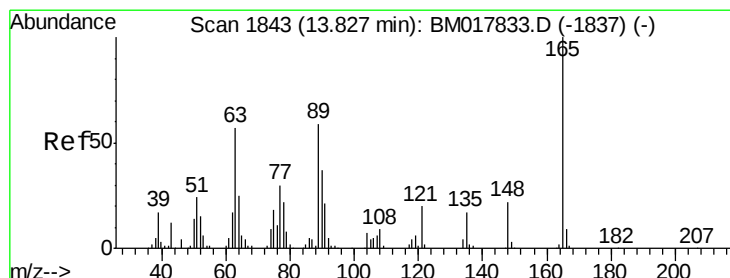
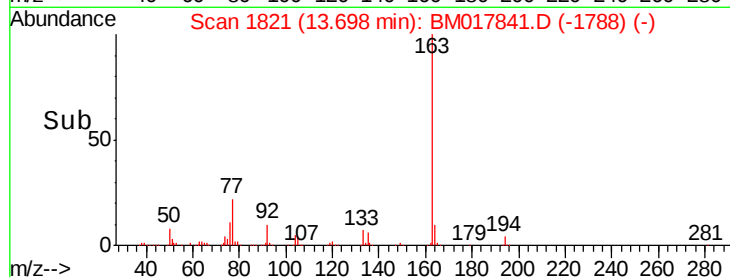
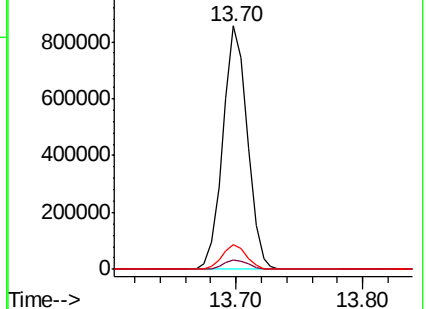
164 10.0 8.1 12.1



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



#45

2,6-Dinitrotoluene

Concen: 20.718 ng/ul

RT: 13.83 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BM017841.D

Acq: 01 Dec 2018 02:49

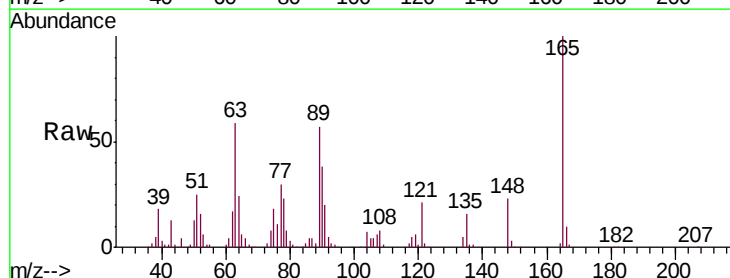
Tgt Ion:165 Resp: 237498

Ion Ratio Lower Upper

165 100

89 56.7 48.0 72.0

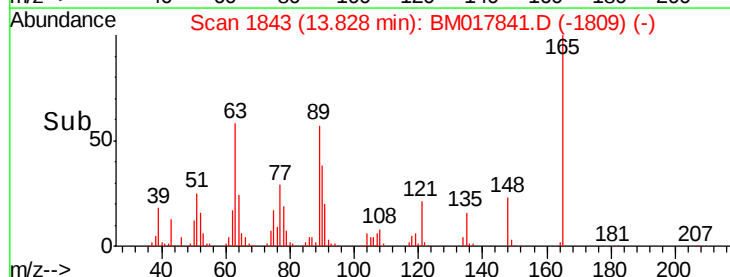
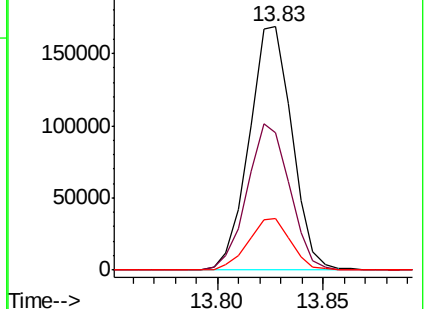
121 21.4 17.0 25.6

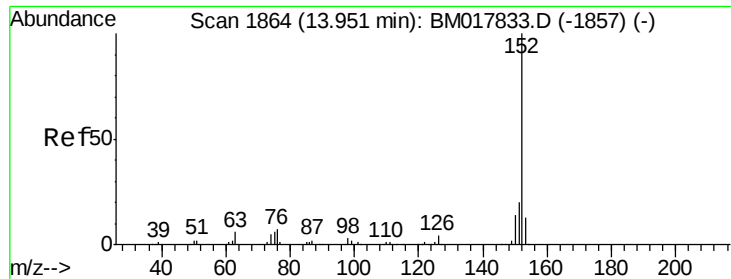


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 20.412 ng/ul

RT: 13.95 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BM017841.D

Acq: 01 Dec 2018 02:49

Instrument :

BNA\_M

ClientSampleId :

SSTD02075

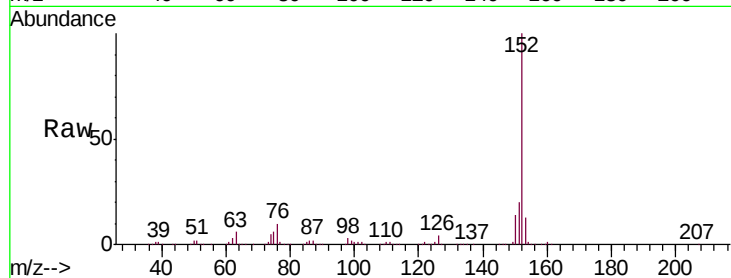
Tgt Ion:152 Resp: 1389269

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

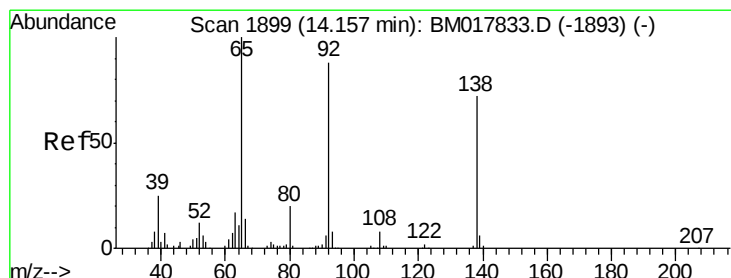
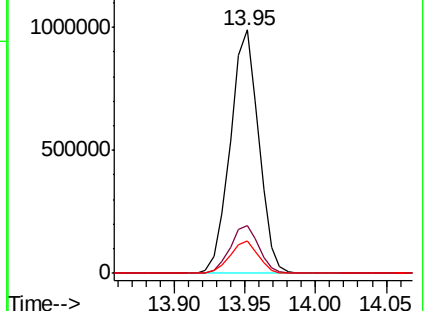
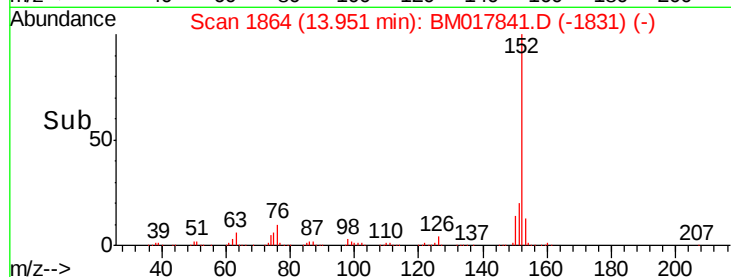
153 13.1 10.4 15.6



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



#48

3-Nitroaniline

Concen: 19.792 ng/ul

RT: 14.16 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BM017841.D

Acq: 01 Dec 2018 02:49

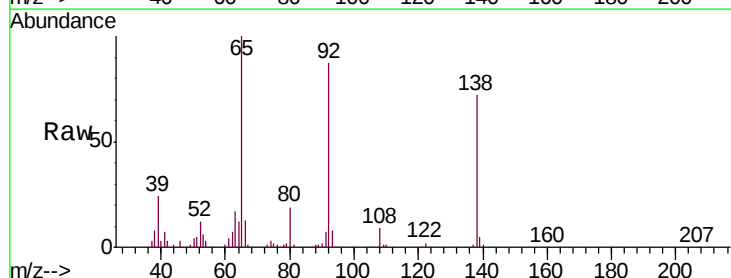
Tgt Ion:138 Resp: 216451

Ion Ratio Lower Upper

138 100

108 12.3 9.0 13.4

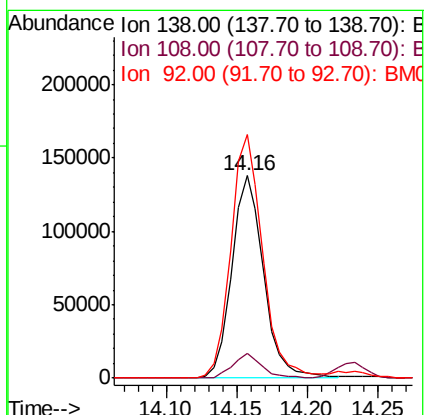
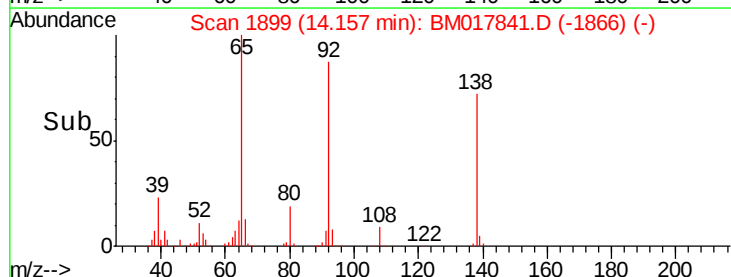
92 120.2 98.8 148.2

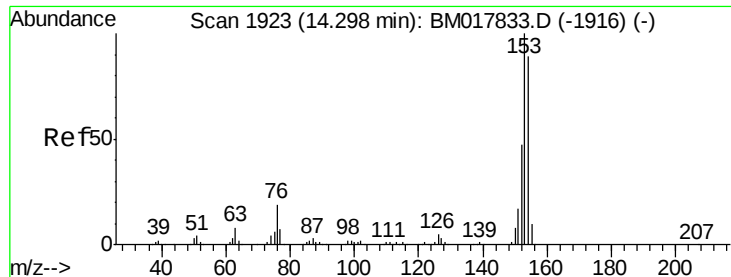


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 20.208 ng/ul

RT: 14.30 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BM017841.D

Acq: 01 Dec 2018 02:49

Instrument :

BNA\_M

ClientSampleId :

SSTD02075

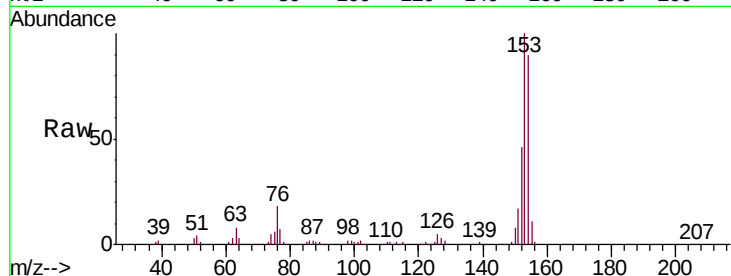
Tgt Ion:153 Resp: 991218

Ion Ratio Lower Upper

153 100

152 46.3 37.0 55.6

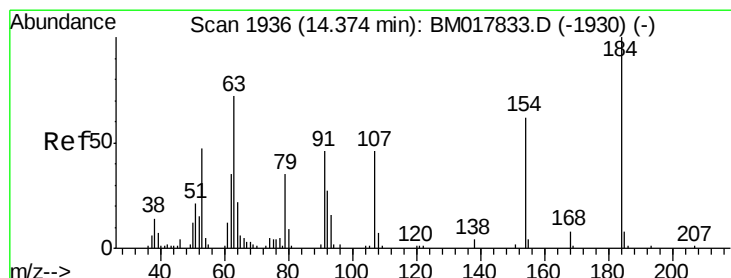
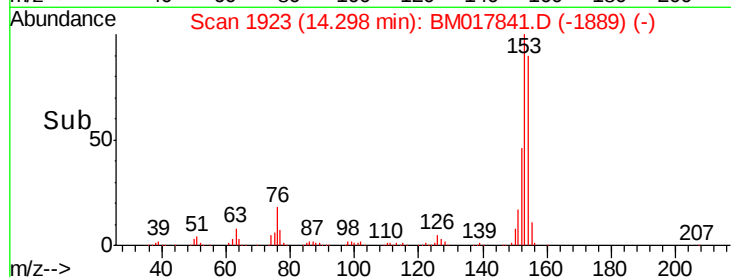
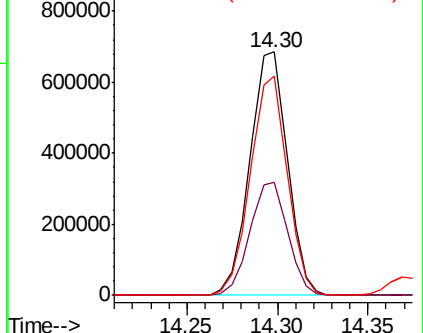
154 90.3 70.6 106.0



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 16.744 ng/ul

RT: 14.37 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BM017841.D

Acq: 01 Dec 2018 02:49

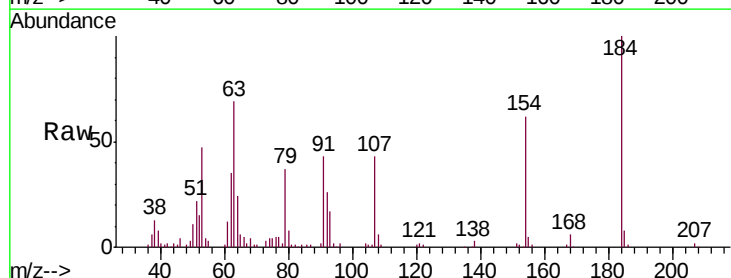
Tgt Ion:184 Resp: 130143

Ion Ratio Lower Upper

184 100

63 69.3 54.4 81.6

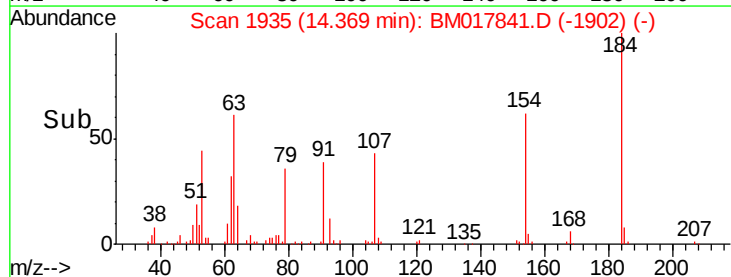
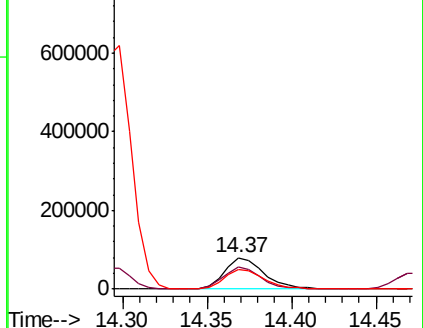
154 62.2 51.1 76.7

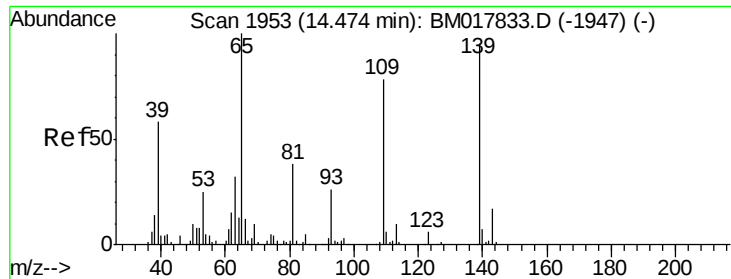


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E

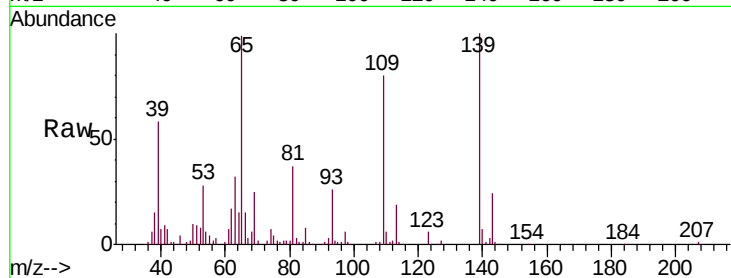




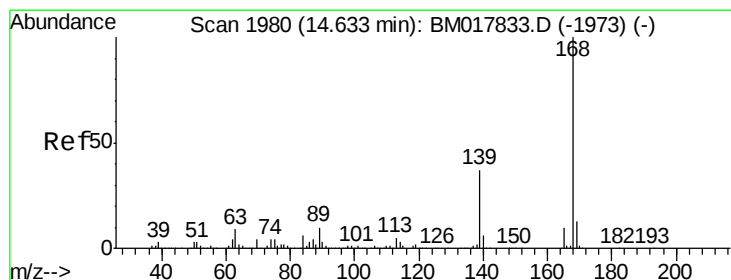
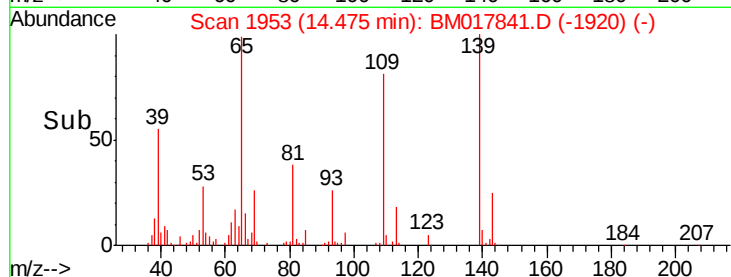
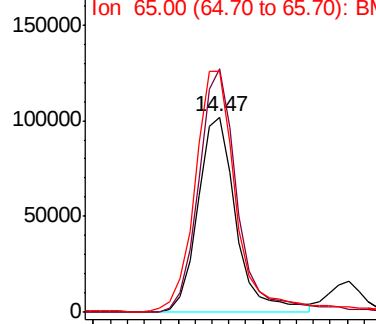
#52  
4-Nitrophenol  
Concen: 17.779 ng/ul  
RT: 14.47 min Scan# 1953  
Delta R.T. -0.01 min  
Lab File: BM017841.D  
Acq: 01 Dec 2018 02:49

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02075

Tgt Ion:109 Resp: 160098  
Ion Ratio Lower Upper  
109 100  
139 124.7 97.4 146.0  
65 123.8 104.5 156.7

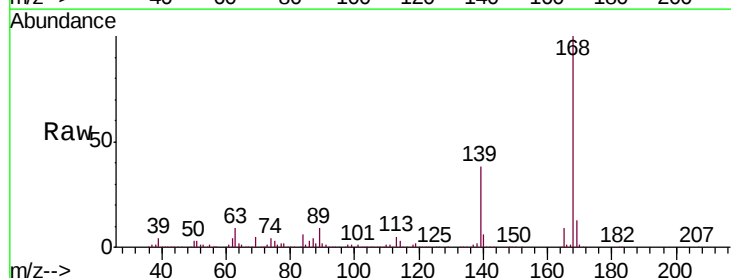


Abundance Ion 109.00 (108.70 to 109.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 65.00 (64.70 to 65.70): BM

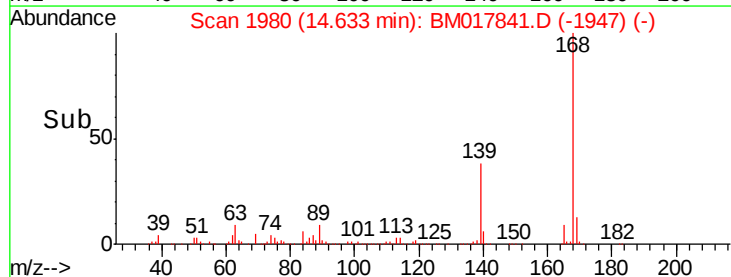
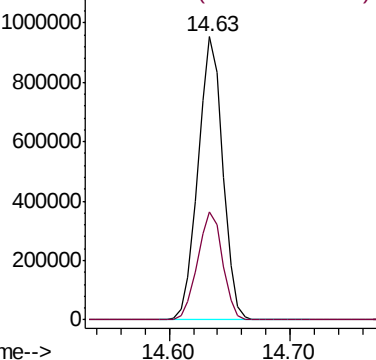


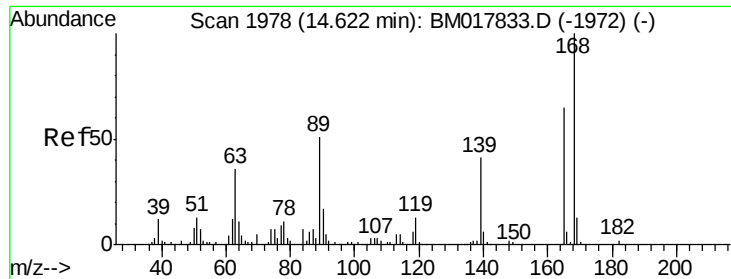
#53  
Dibenzofuran  
Concen: 19.551 ng/ul  
RT: 14.63 min Scan# 1980  
Delta R.T. -0.01 min  
Lab File: BM017841.D  
Acq: 01 Dec 2018 02:49

Tgt Ion:168 Resp: 1357047  
Ion Ratio Lower Upper  
168 100  
139 38.3 30.6 46.0



Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E

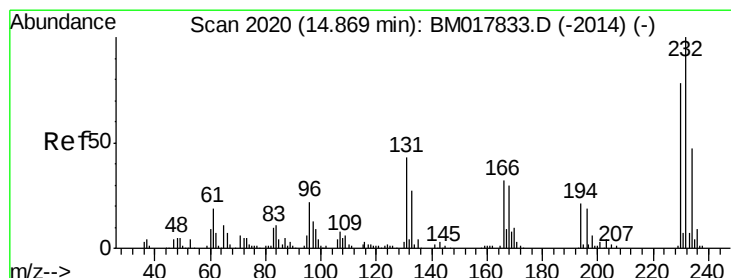
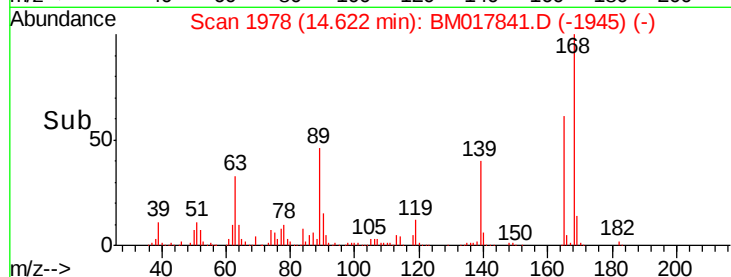
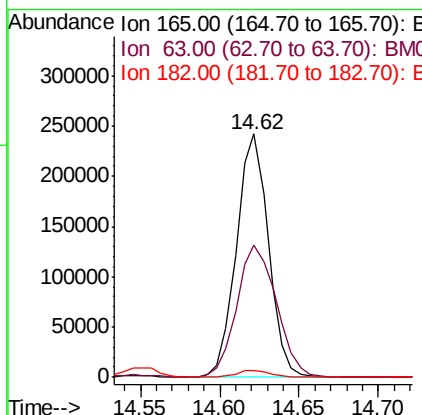
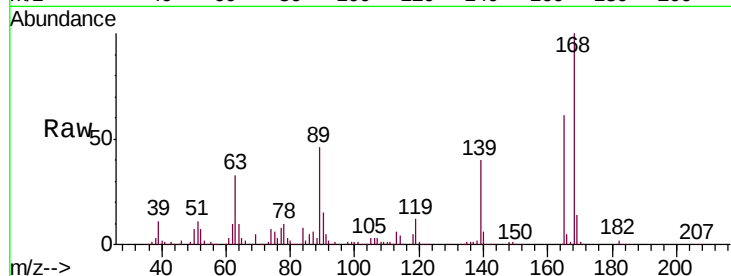




#54  
 2,4-Dinitrotoluene  
 Concen: 19.560 ng/ul  
 RT: 14.62 min Scan# 1978  
 Delta R.T. -0.01 min  
 Lab File: BM017841.D  
 Acq: 01 Dec 2018 02:49

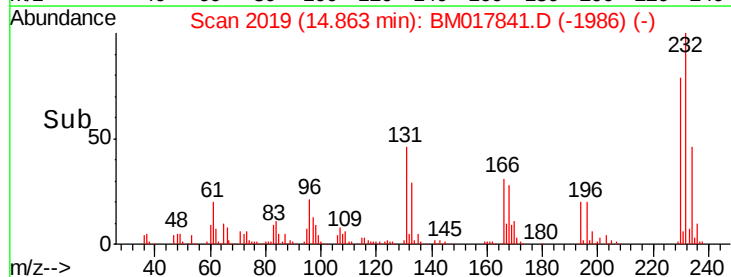
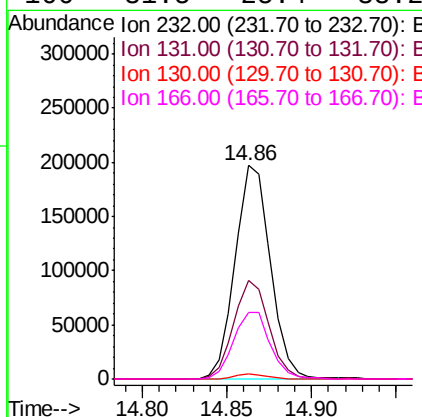
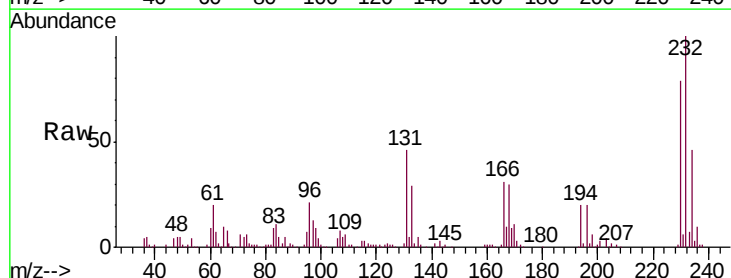
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02075

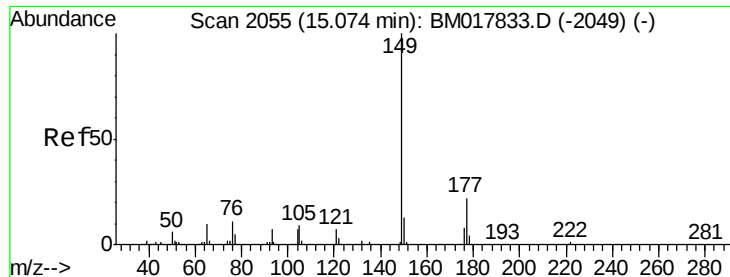
Tgt Ion:165 Resp: 339504  
 Ion Ratio Lower Upper  
 165 100  
 63 54.2 41.8 62.8  
 182 2.7 2.2 3.2



#55  
 2,3,4,6-Tetrachlorophenol  
 Concen: 19.382 ng/ul  
 RT: 14.86 min Scan# 2019  
 Delta R.T. -0.01 min  
 Lab File: BM017841.D  
 Acq: 01 Dec 2018 02:49

Tgt Ion:232 Resp: 287643  
 Ion Ratio Lower Upper  
 232 100  
 131 46.0 35.5 53.3  
 130 2.3 2.1 3.1  
 166 31.5 25.4 38.2

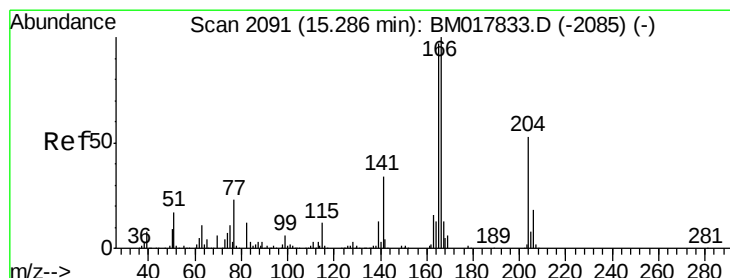
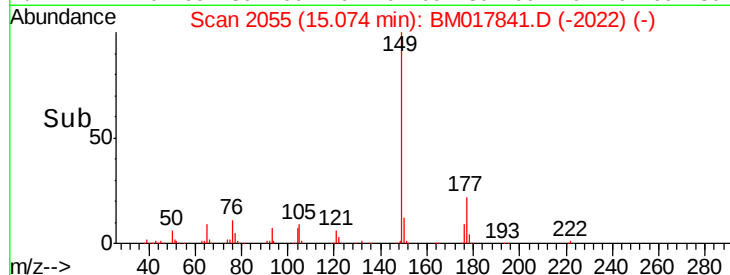
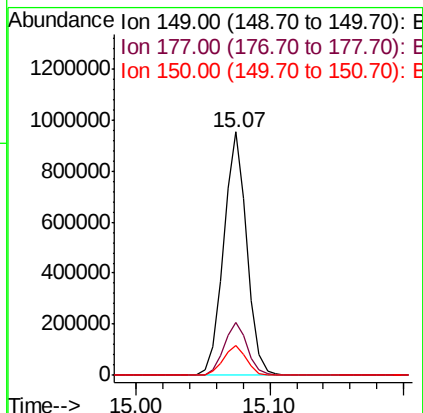
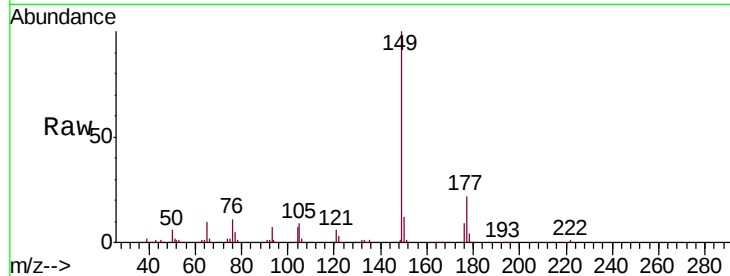




#56  
Diethylphthalate  
Concen: 19.225 ng/ul  
RT: 15.07 min Scan# 2055  
Delta R.T. -0.01 min  
Lab File: BM017841.D  
Acq: 01 Dec 2018 02:49

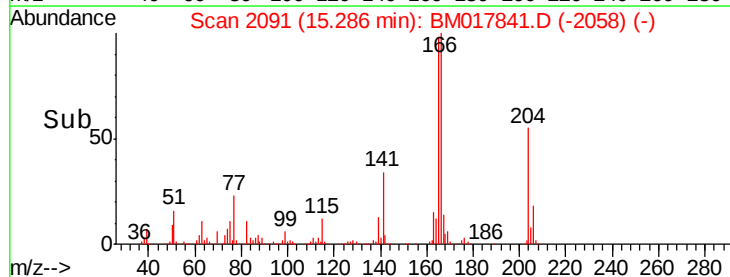
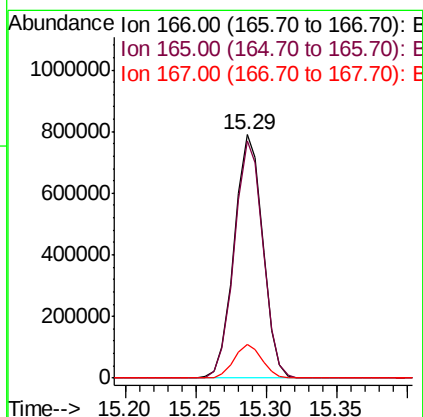
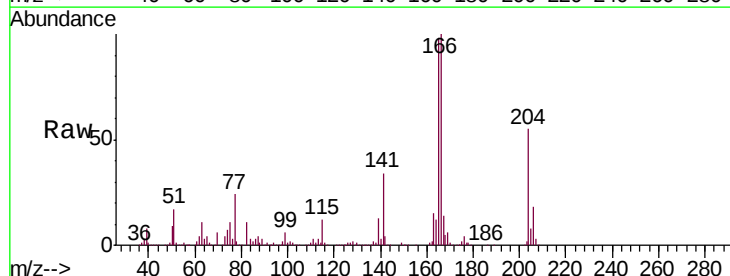
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02075

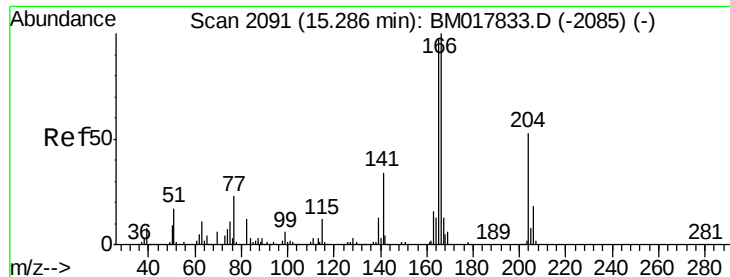
Tgt Ion:149 Resp: 1155395  
Ion Ratio Lower Upper  
149 100  
177 21.5 17.0 25.6  
150 12.2 10.0 15.0



#58  
Fluorene  
Concen: 19.217 ng/ul  
RT: 15.29 min Scan# 2091  
Delta R.T. -0.01 min  
Lab File: BM017841.D  
Acq: 01 Dec 2018 02:49

Tgt Ion:166 Resp: 1112344  
Ion Ratio Lower Upper  
166 100  
165 97.7 78.0 117.0  
167 13.6 10.8 16.2

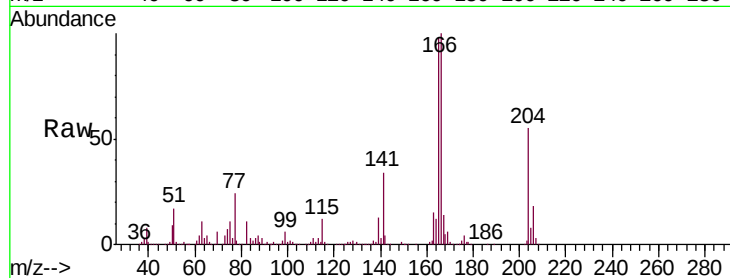




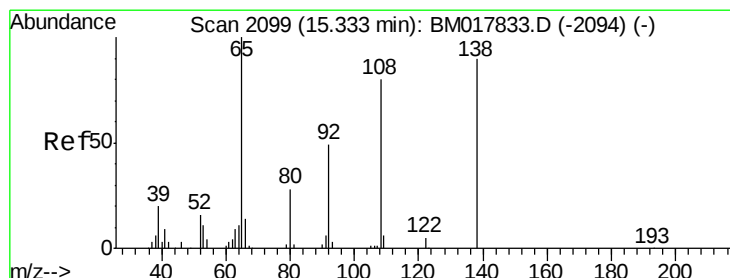
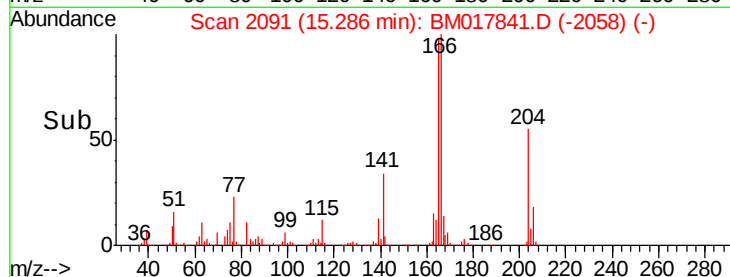
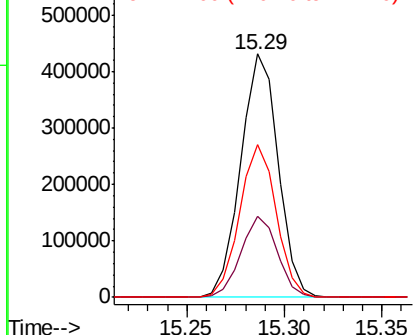
#59  
 4-Chlorophenyl-phenylether  
 Concen: 19.295 ng/ul  
 RT: 15.29 min Scan# 2091  
 Delta R.T. -0.01 min  
 Lab File: BM017841.D  
 Acq: 01 Dec 2018 02:49

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST02075

Tgt Ion: 204 Resp: 573696  
 Ion Ratio Lower Upper  
 204 100  
 206 33.2 25.6 38.4  
 141 63.0 49.8 74.6

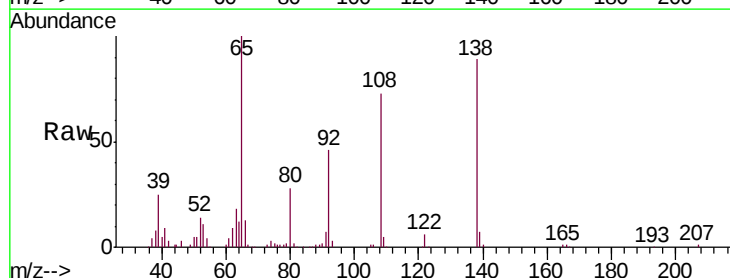


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

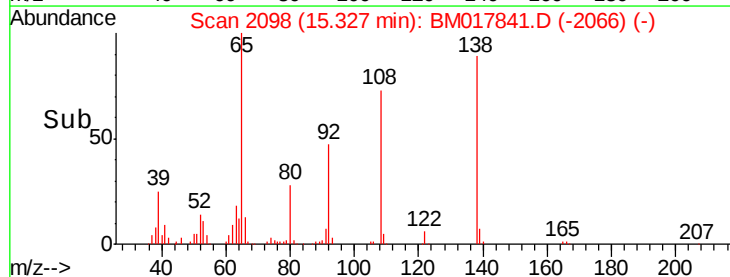
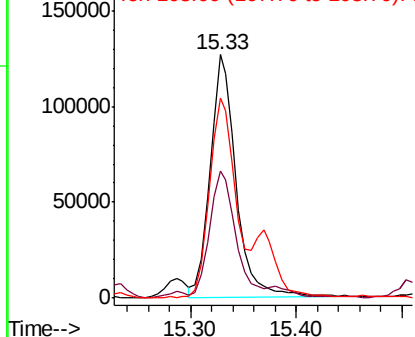


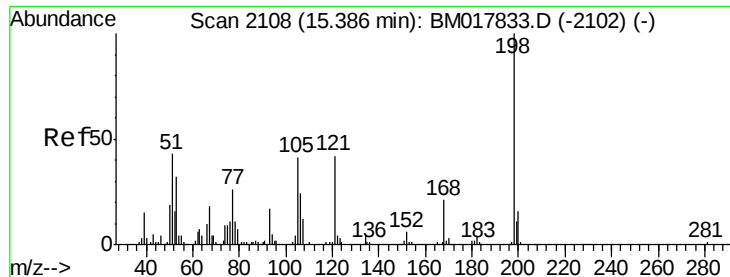
#60  
 4-Nitroaniline  
 Concen: 17.799 ng/ul  
 RT: 15.33 min Scan# 2098  
 Delta R.T. -0.01 min  
 Lab File: BM017841.D  
 Acq: 01 Dec 2018 02:49

Tgt Ion: 138 Resp: 216397  
 Ion Ratio Lower Upper  
 138 100  
 92 52.4 42.8 64.2  
 108 82.3 70.2 105.4



Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 92.00 (91.70 to 92.70): BM0  
 Ion 108.00 (107.70 to 108.70): E

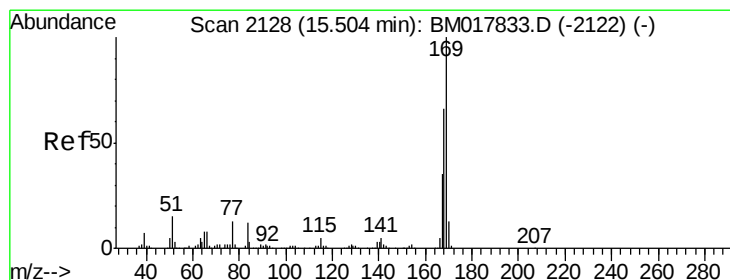
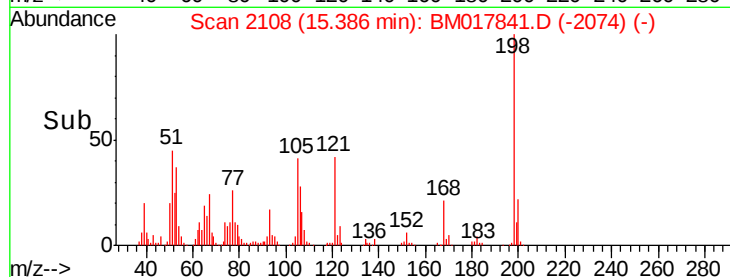
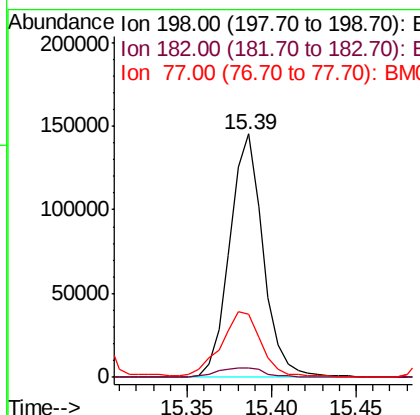
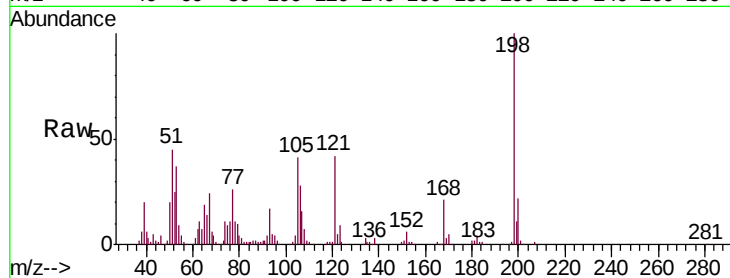




#63  
4,6-Dinitro-2-methylphenol  
Concen: 19.651 ng/ul  
RT: 15.39 min Scan# 2108  
Delta R.T. 0.00 min  
Lab File: BM017841.D  
Acq: 01 Dec 2018 02:49

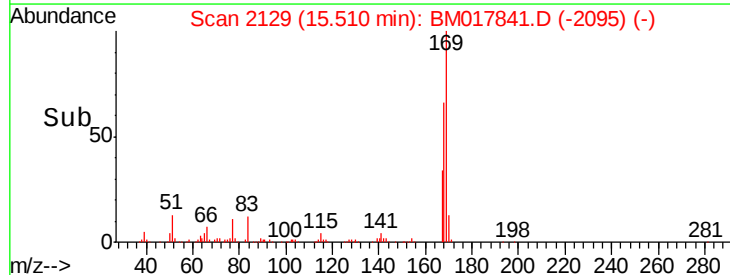
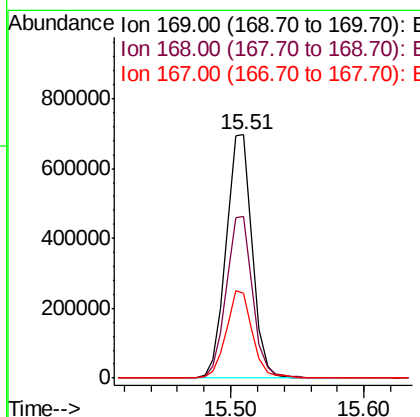
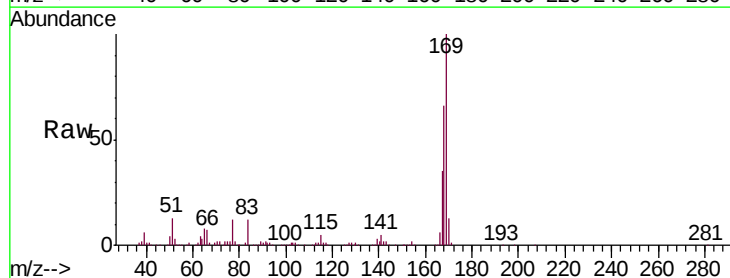
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02075

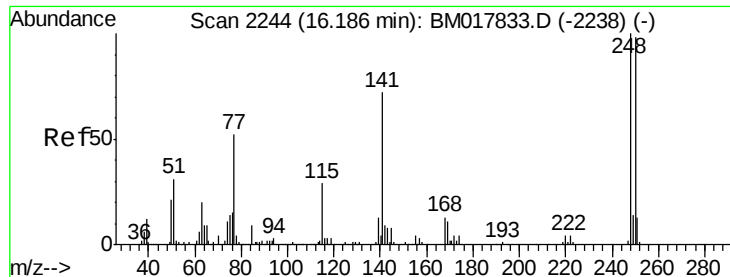
Tgt Ion:198 Resp: 200368  
Ion Ratio Lower Upper  
198 100  
182 3.6 3.5 5.3  
77 26.2 24.6 36.8



#64  
N-Nitrosodiphenylamine  
Concen: 22.479 ng/ul  
RT: 15.51 min Scan# 2129  
Delta R.T. 0.00 min  
Lab File: BM017841.D  
Acq: 01 Dec 2018 02:49

Tgt Ion:169 Resp: 957848  
Ion Ratio Lower Upper  
169 100  
168 66.4 51.1 76.7  
167 34.7 27.8 41.8

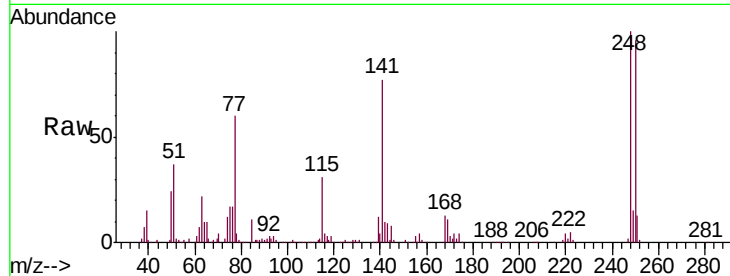




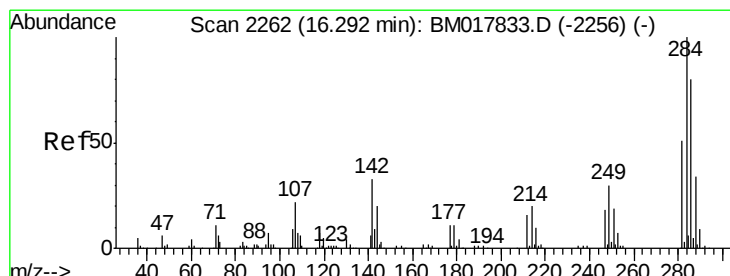
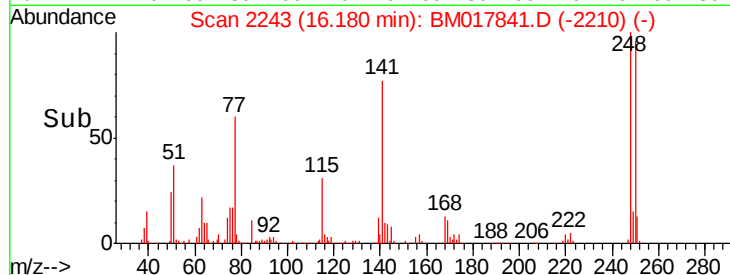
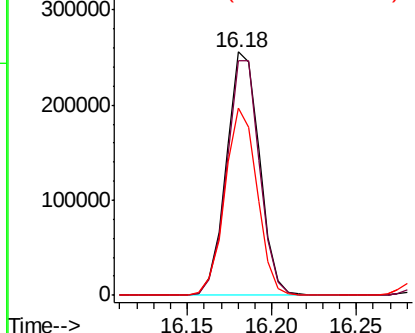
#65  
4-Bromophenyl-phenylether  
Concen: 21.898 ng/ul  
RT: 16.18 min Scan# 2243  
Delta R.T. -0.01 min  
Lab File: BM017841.D  
Acq: 01 Dec 2018 02:49

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02075

Tgt Ion:248 Resp: 346301  
Ion Ratio Lower Upper  
248 100  
250 96.1 80.8 121.2  
141 77.1 56.9 85.3

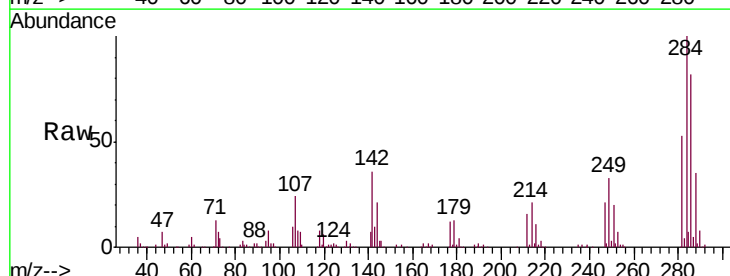


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

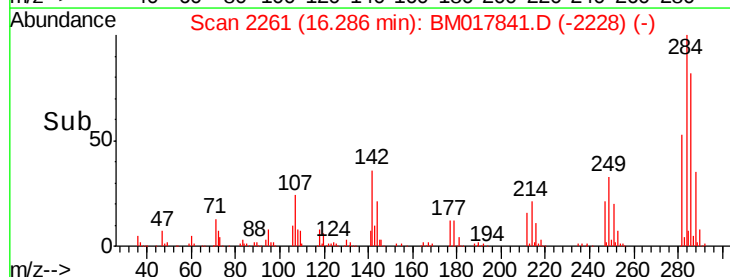
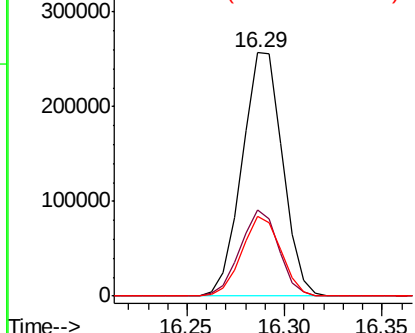


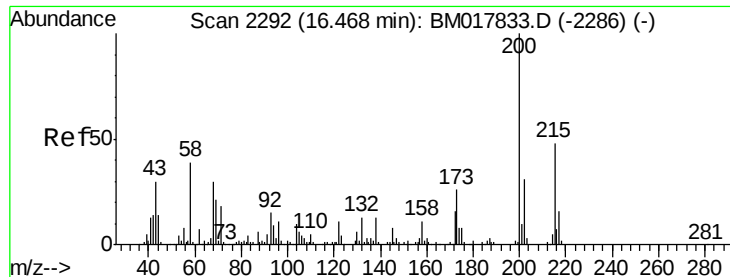
#66  
Hexachlorobenzene  
Concen: 21.016 ng/ul  
RT: 16.29 min Scan# 2261  
Delta R.T. -0.01 min  
Lab File: BM017841.D  
Acq: 01 Dec 2018 02:49

Tgt Ion:284 Resp: 369425  
Ion Ratio Lower Upper  
284 100  
142 35.5 26.2 39.4  
249 32.5 24.0 36.0



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

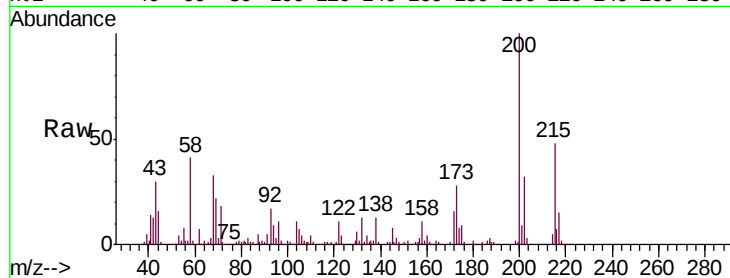




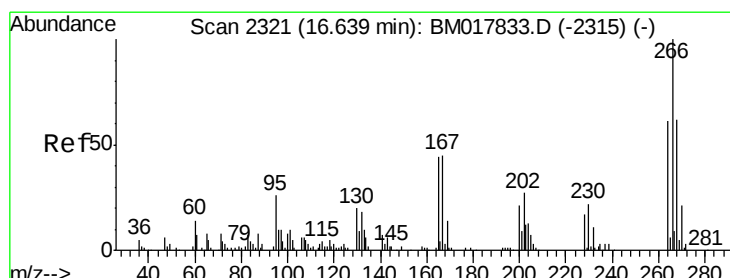
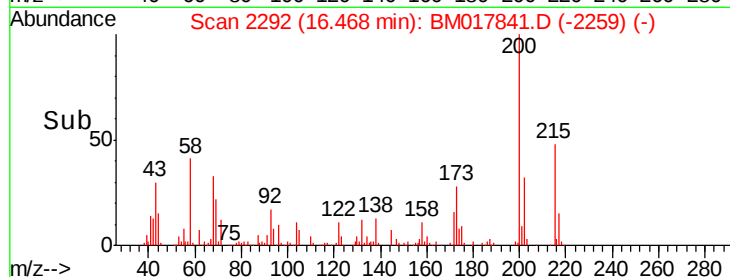
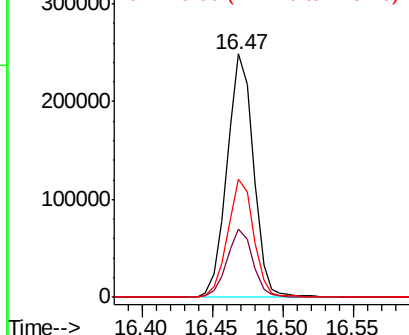
#67  
 Atrazine  
 Concen: 20.604 ng/ul  
 RT: 16.47 min Scan# 2292  
 Delta R.T. -0.01 min  
 Lab File: BM017841.D  
 Acq: 01 Dec 2018 02:49

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST02075

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 27.9  | 21.0  | 31.6  |
| 215     | 48.5  | 38.2  | 57.2  |

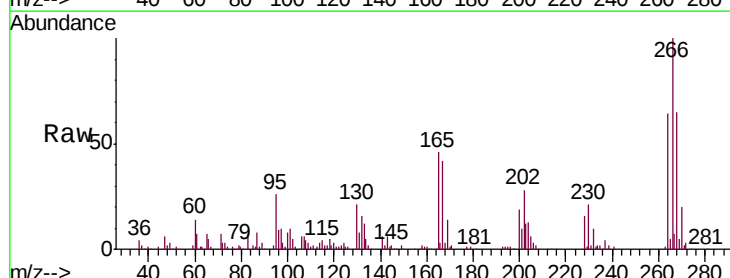


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

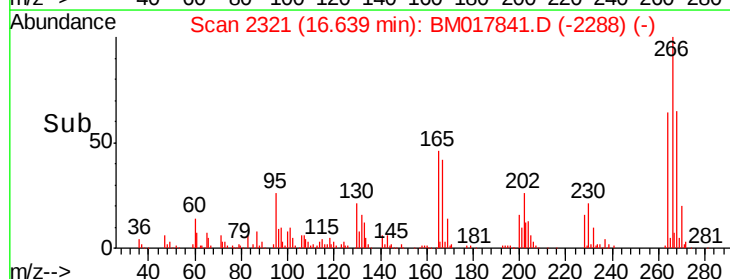
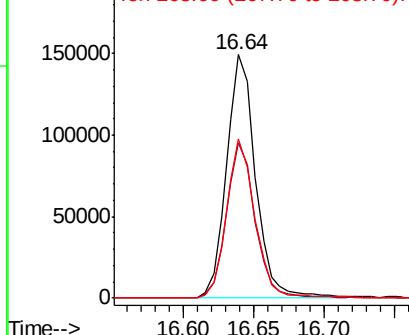


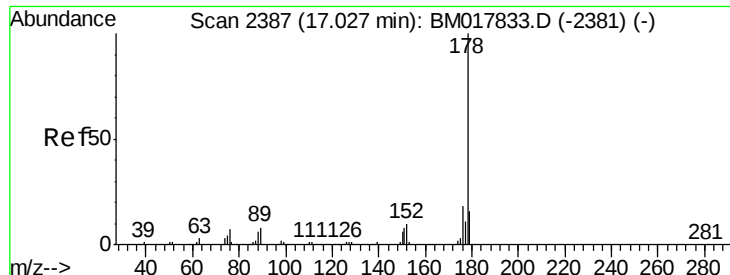
#68  
 Pentachlorophenol  
 Concen: 19.557 ng/ul  
 RT: 16.64 min Scan# 2321  
 Delta R.T. -0.01 min  
 Lab File: BM017841.D  
 Acq: 01 Dec 2018 02:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 63.8  | 50.2  | 75.2  |
| 268     | 65.5  | 49.8  | 74.8  |



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





#69

Phenanthrene

Concen: 20.277 ng/ul

RT: 17.03 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BM017841.D

Acq: 01 Dec 2018 02:49

Instrument :

BNA\_M

ClientSampleId :

SSTD02075

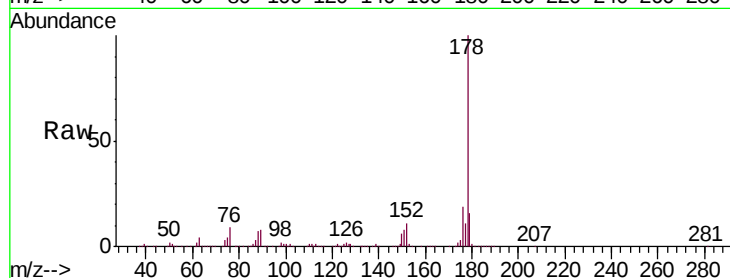
Tgt Ion:178 Resp: 1604813

Ion Ratio Lower Upper

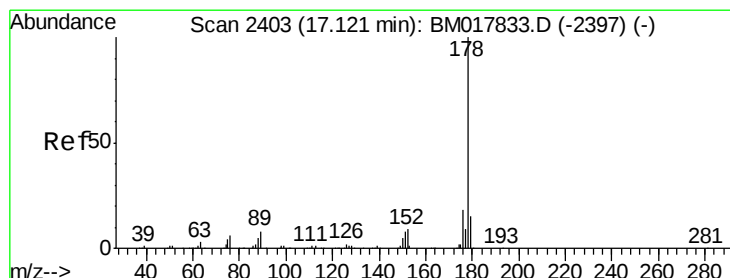
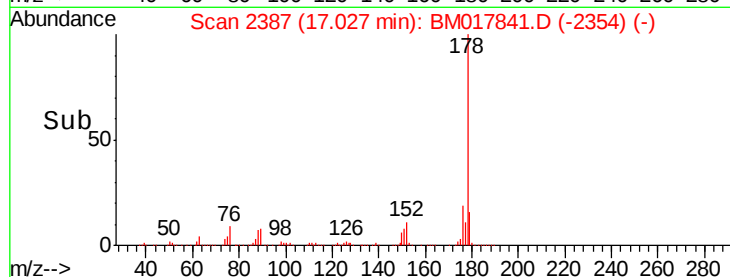
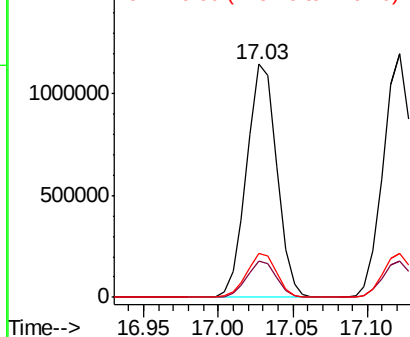
178 100

179 15.6 11.8 17.8

176 18.8 15.0 22.6



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



#71

Anthracene

Concen: 20.137 ng/ul

RT: 17.12 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BM017841.D

Acq: 01 Dec 2018 02:49

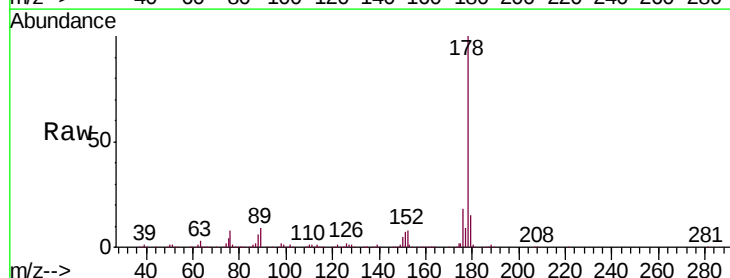
Tgt Ion:178 Resp: 1629886

Ion Ratio Lower Upper

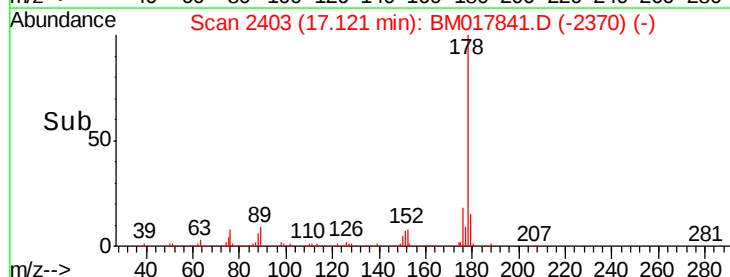
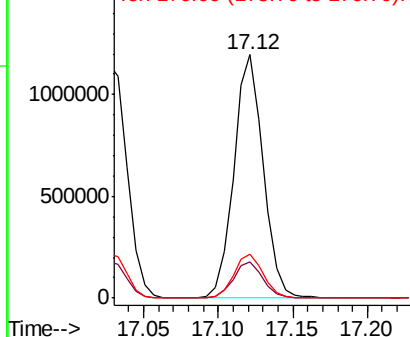
178 100

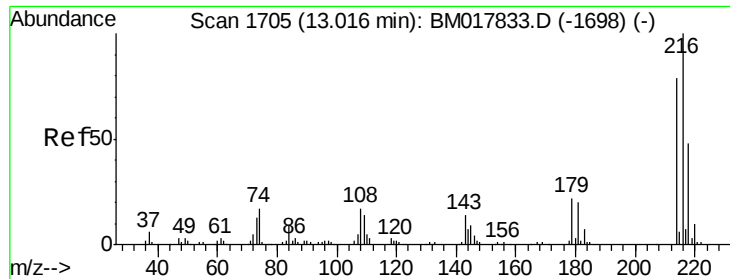
179 14.8 12.4 18.6

176 18.0 14.8 22.2



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

1,2,3,4-Tetrachlorobenzene

Concen: 24.395 ng/uL

RT: 13.02 min Scan# 1705

Delta R.T. -0.01 min

Lab File: BM017841.D

Acq: 01 Dec 2018 02:49

Instrument :

BNA\_M

ClientSampleId :

SSTD02075

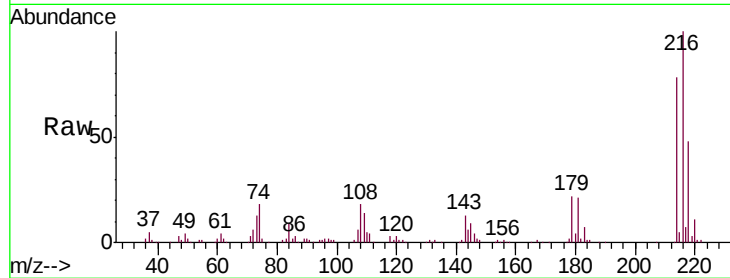
Tgt Ion:216 Resp: 478457

Ion Ratio Lower Upper

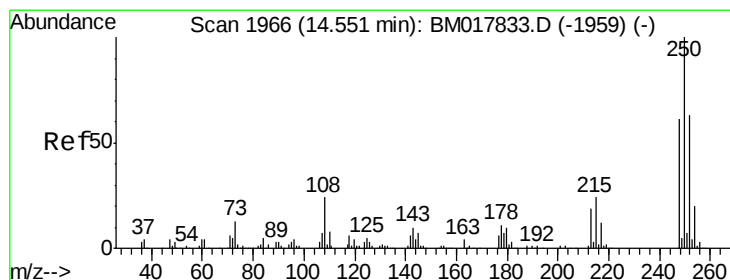
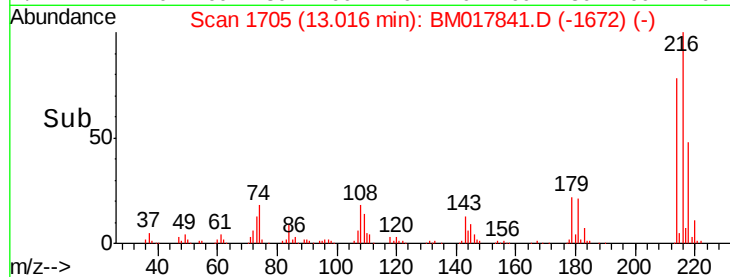
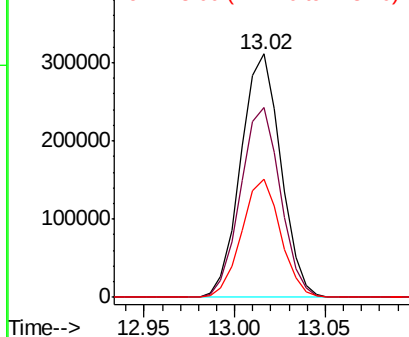
216 100

214 78.0 62.2 93.4

218 48.5 37.9 56.9



Abundance Ion 216.00 (215.70 to 216.70): E  
Ion 214.00 (213.70 to 214.70): E  
Ion 218.00 (217.70 to 218.70): E



#73

Pentachlorobenzene

Concen: 22.940 ng/uL

RT: 14.55 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BM017841.D

Acq: 01 Dec 2018 02:49

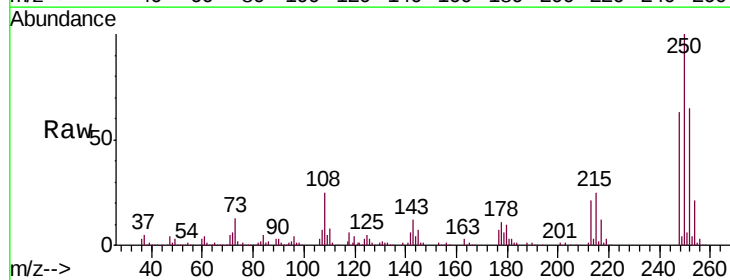
Tgt Ion:250 Resp: 460178

Ion Ratio Lower Upper

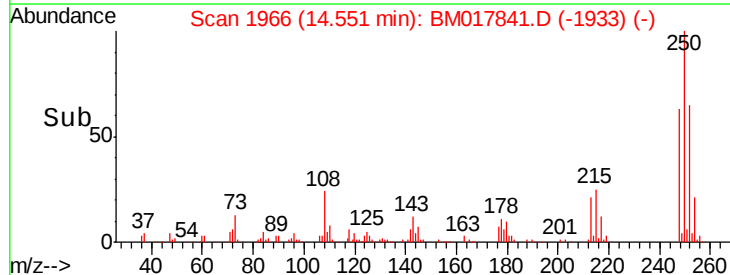
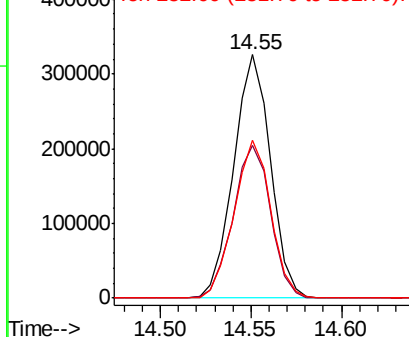
250 100

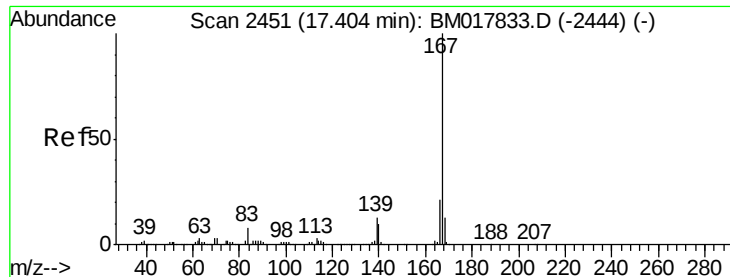
248 62.8 50.5 75.7

252 64.9 50.6 76.0



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





#74

Carbazole

Concen: 19.338 ng/ul

RT: 17.40 min Scan# 2450

Delta R.T. -0.01 min

Lab File: BM017841.D

Acq: 01 Dec 2018 02:49

Instrument :

BNA\_M

ClientSampleId :

SSTD02075

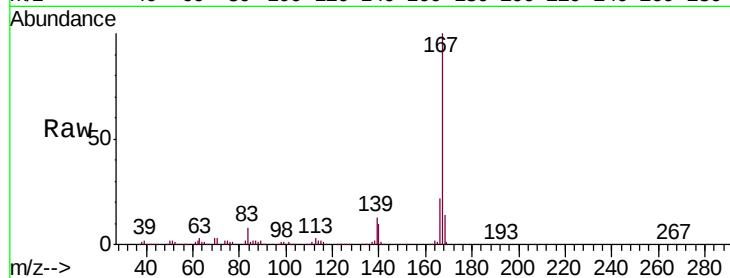
Tgt Ion:167 Resp: 1379147

Ion Ratio Lower Upper

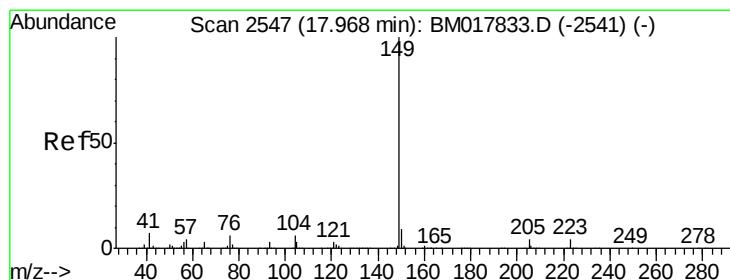
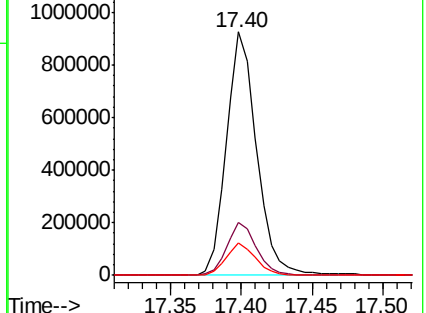
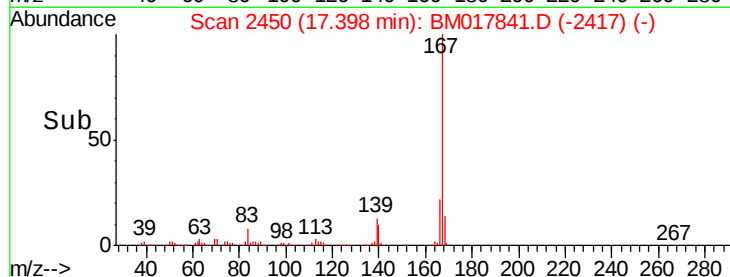
167 100

166 21.8 17.0 25.4

139 13.2 10.5 15.7



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



#75

Di-n-butylphthalate

Concen: 19.811 ng/ul

RT: 17.97 min Scan# 2547

Delta R.T. -0.01 min

Lab File: BM017841.D

Acq: 01 Dec 2018 02:49

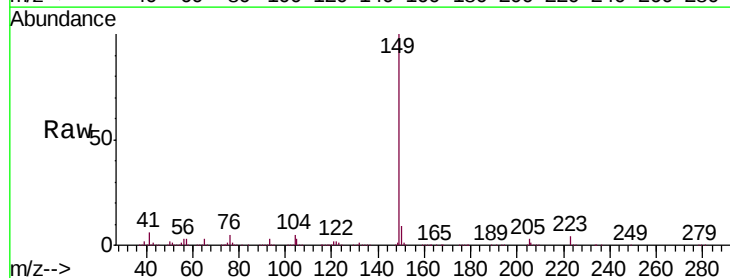
Tgt Ion:149 Resp: 1785606

Ion Ratio Lower Upper

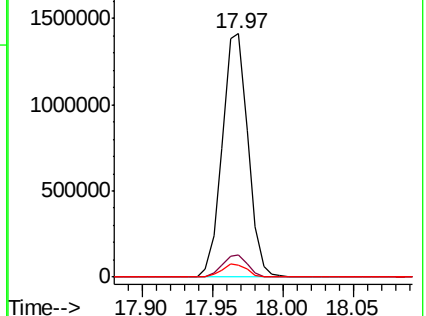
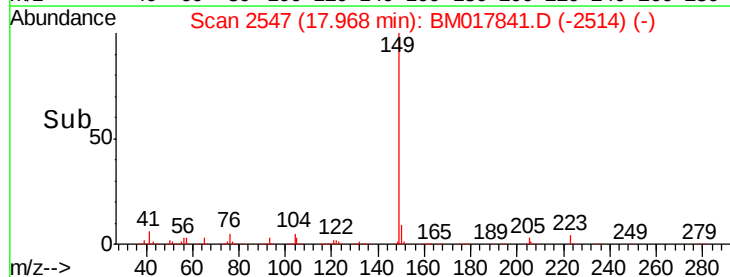
149 100

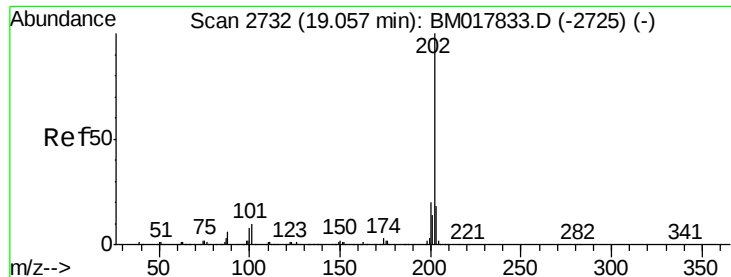
150 9.2 7.0 10.6

104 5.1 4.2 6.4



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

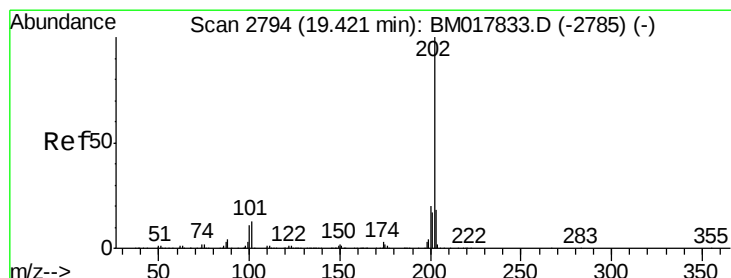
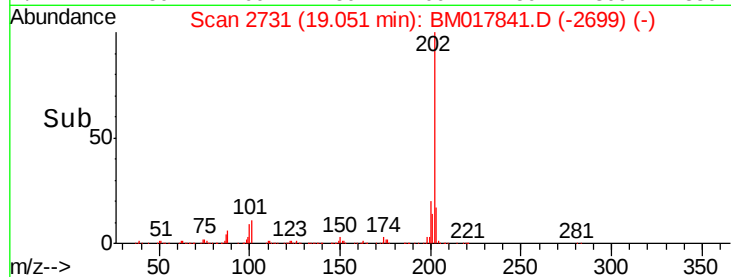
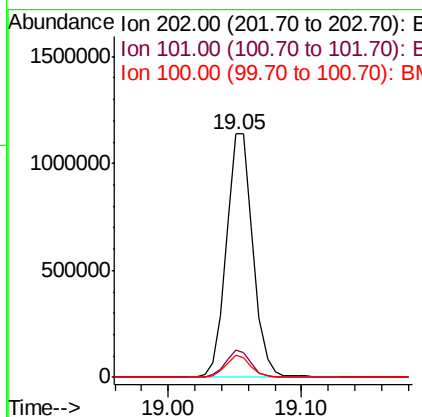
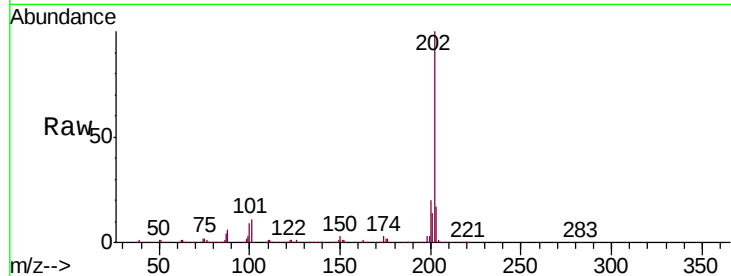




#76  
 Fluoranthene  
 Concen: 17.059 ng/ul  
 RT: 19.05 min Scan# 2731  
 Delta R.T. -0.01 min  
 Lab File: BM017841.D  
 Acq: 01 Dec 2018 02:49

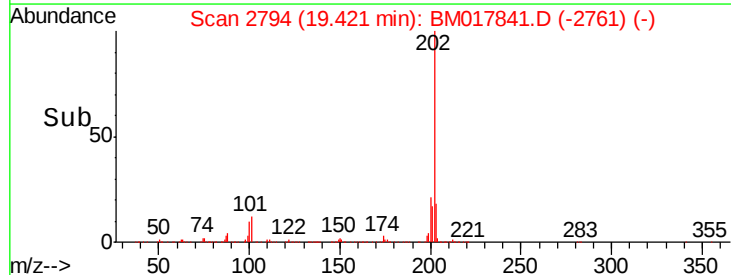
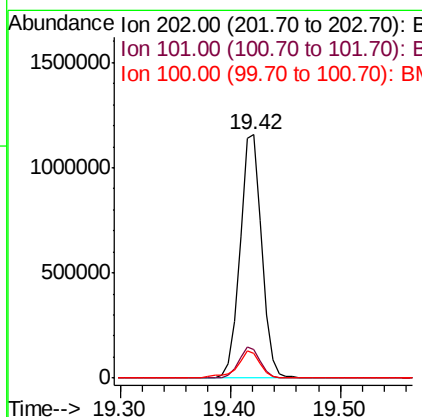
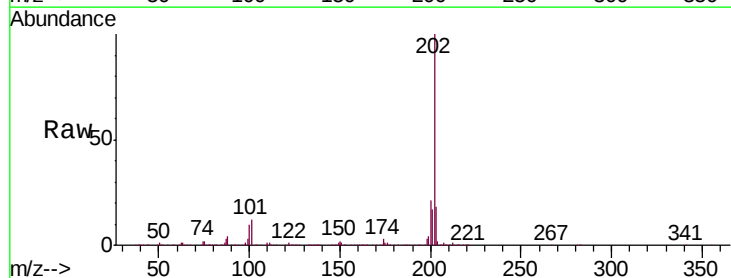
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02075

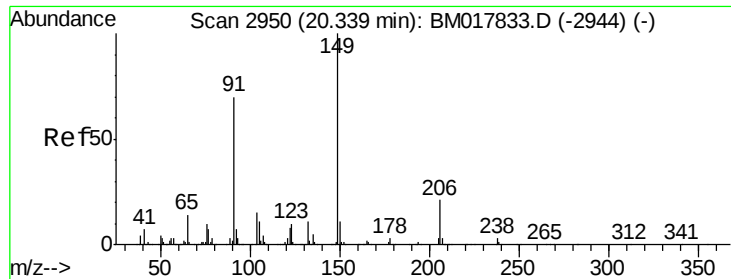
Tgt Ion:202 Resp: 1588089  
 Ion Ratio Lower Upper  
 202 100  
 101 11.0 8.4 12.6  
 100 8.9 6.6 9.8



#79  
 Pyrene  
 Concen: 23.771 ng/ul  
 RT: 19.42 min Scan# 2794  
 Delta R.T. -0.01 min  
 Lab File: BM017841.D  
 Acq: 01 Dec 2018 02:49

Tgt Ion:202 Resp: 1592436  
 Ion Ratio Lower Upper  
 202 100  
 101 11.9 9.6 14.4  
 100 10.4 7.9 11.9

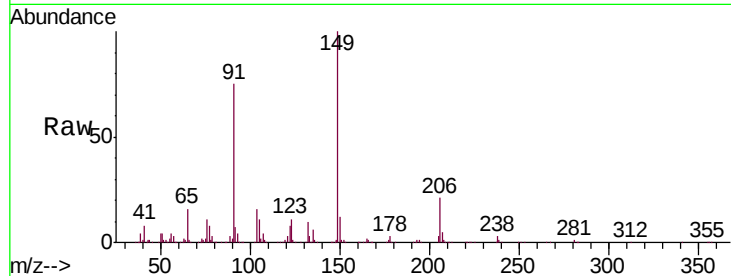




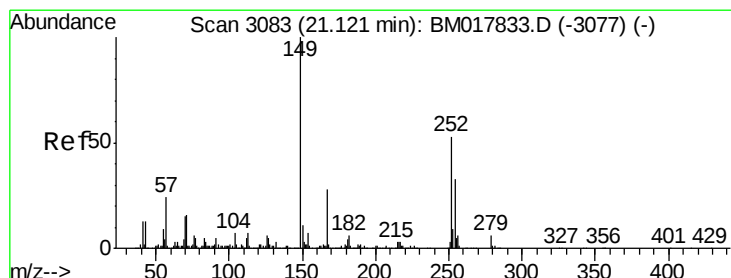
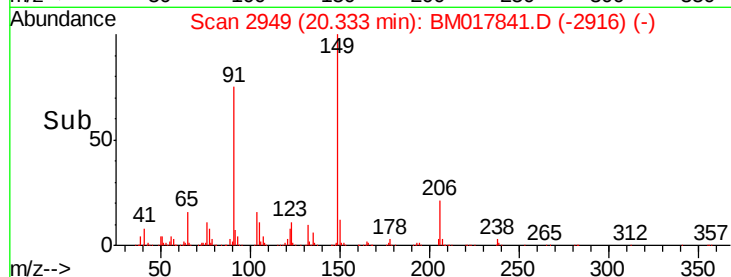
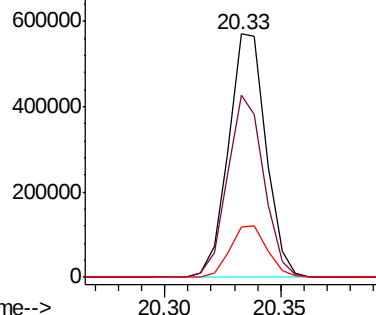
#80  
Butylbenzylphthalate  
Concen: 22.623 ng/ul  
RT: 20.33 min Scan# 2949  
Delta R.T. -0.01 min  
Lab File: BM017841.D  
Acq: 01 Dec 2018 02:49

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02075

Tgt Ion:149 Resp: 648046  
Ion Ratio Lower Upper  
149 100  
91 74.9 58.0 87.0  
206 20.8 16.6 24.8

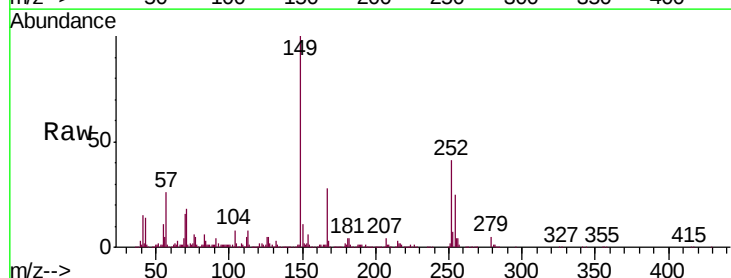


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BM017833.D (-2944) (-)  
Ion 206.00 (205.70 to 206.70): E

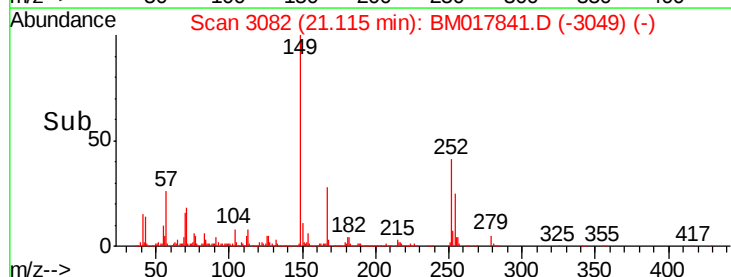
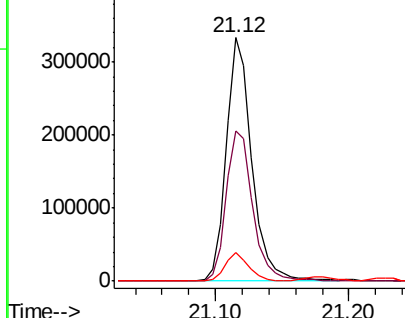


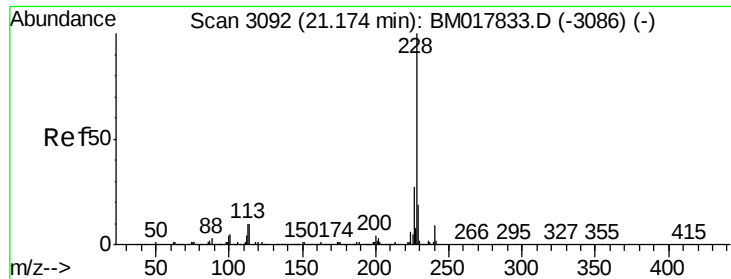
#81  
3,3'-Dichlorobenzidine  
Concen: 19.750 ng/ul  
RT: 21.12 min Scan# 3082  
Delta R.T. -0.01 min  
Lab File: BM017841.D  
Acq: 01 Dec 2018 02:49

Tgt Ion:252 Resp: 448674  
Ion Ratio Lower Upper  
252 100  
254 61.6 51.2 76.8  
126 12.0 9.1 13.7



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





#82

Benzo(a)anthracene

Concen: 20.344 ng/ul

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM017841.D

Acq: 01 Dec 2018 02:49

Instrument :

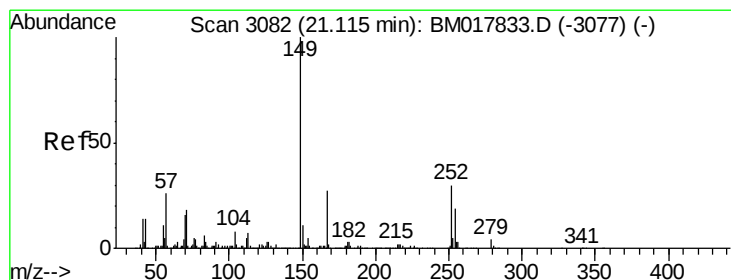
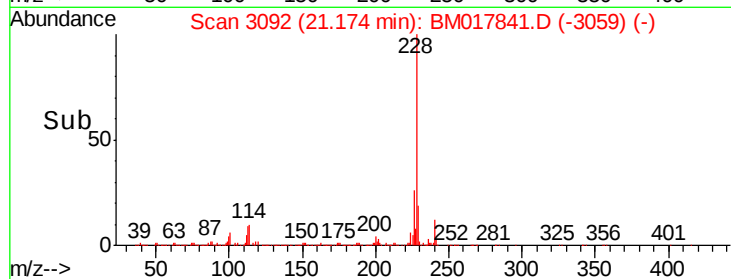
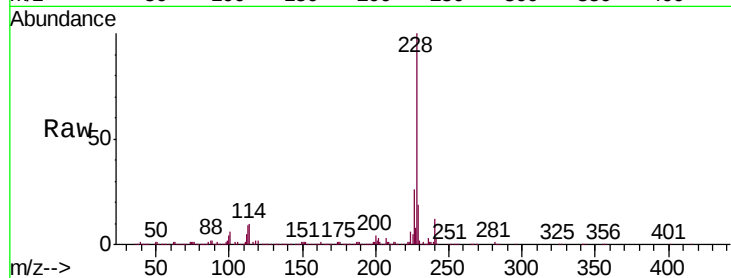
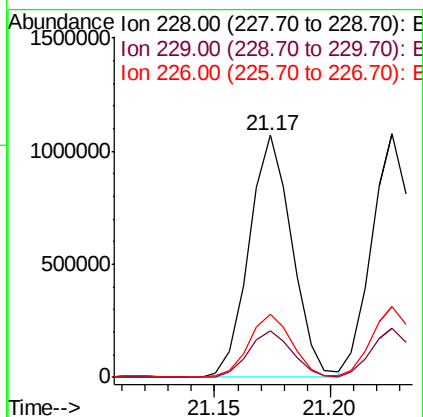
BNA\_M

ClientSampleId :

SSTD02075

Tgt Ion:228 Resp: 1392537

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 229 | 19.4  | 16.0  | 24.0  |
| 226 | 26.1  | 21.0  | 31.6  |



#83

Bis(2-ethylhexyl)phthalate

Concen: 21.086 ng/ul

RT: 21.12 min Scan# 3082

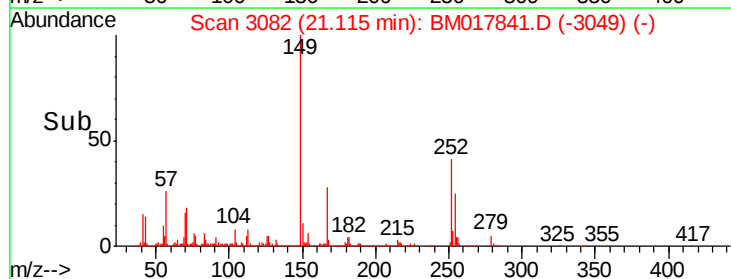
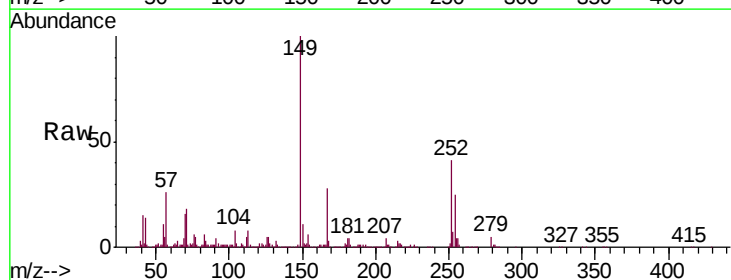
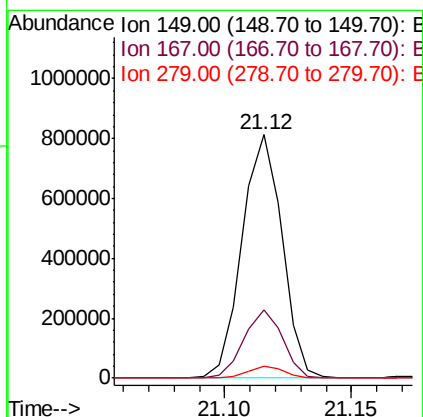
Delta R.T. -0.01 min

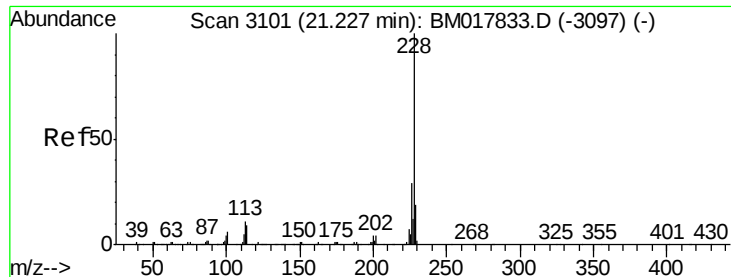
Lab File: BM017841.D

Acq: 01 Dec 2018 02:49

Tgt Ion:149 Resp: 894417

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.8  | 21.9  | 32.9  |
| 279 | 4.8   | 3.6   | 5.4   |





#84

Chrysene

Concen: 20.358 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BM017841.D

Acq: 01 Dec 2018 02:49

Instrument :

BNA\_M

ClientSampleId :

SSTD02075

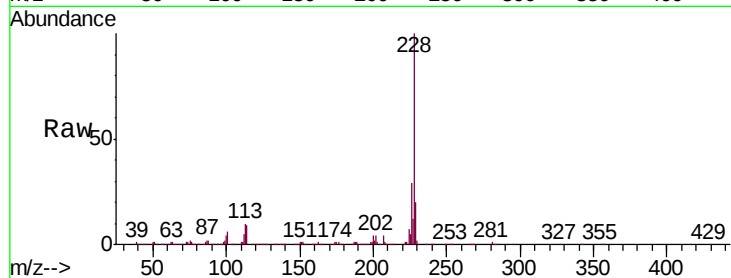
Tgt Ion:228 Resp: 1303212

Ion Ratio Lower Upper

228 100

226 29.2 23.7 35.5

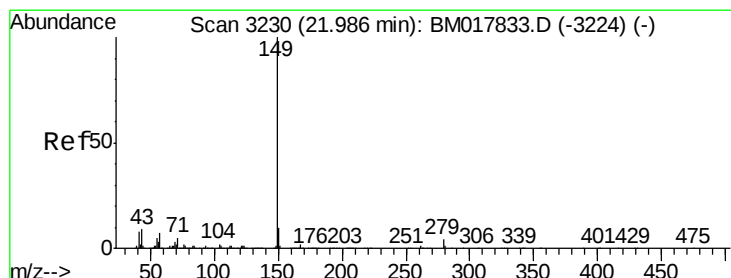
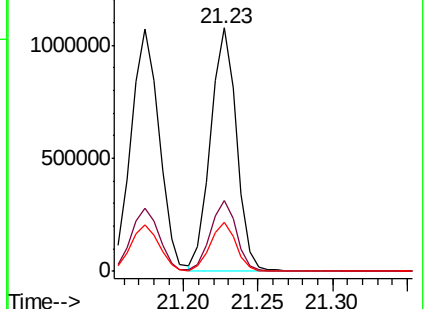
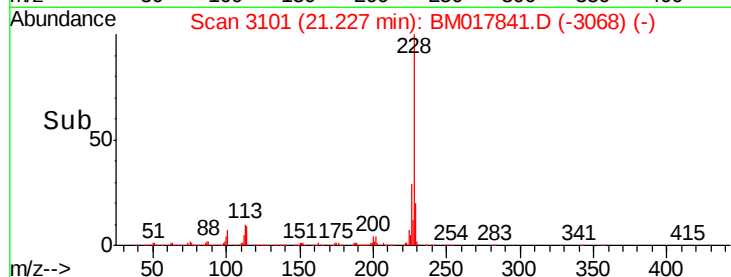
229 20.1 15.8 23.8



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



#86

Di-n-octyl phthalate

Concen: 18.690 ng/ul

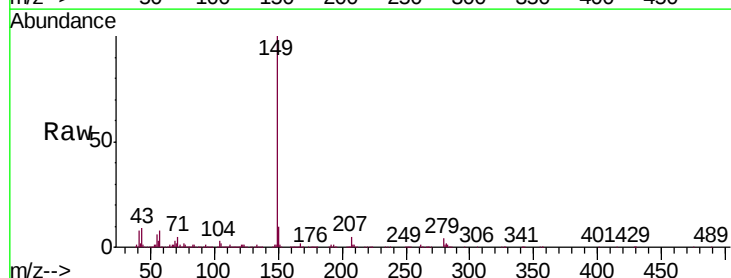
RT: 21.98 min Scan# 3229

Delta R.T. -0.01 min

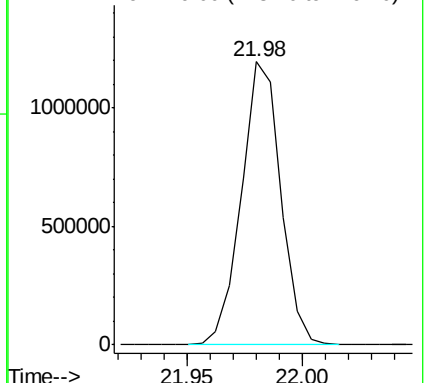
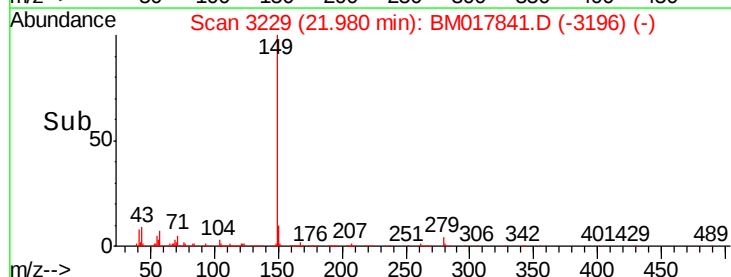
Lab File: BM017841.D

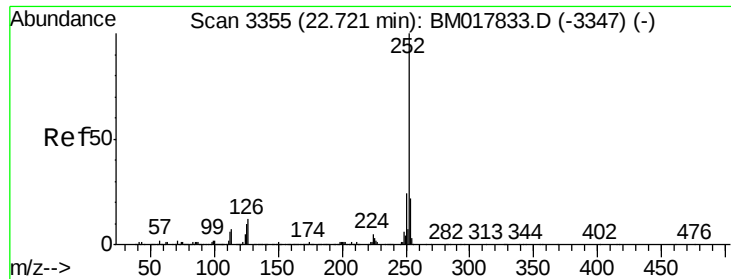
Acq: 01 Dec 2018 02:49

Tgt Ion:149 Resp: 1416592



Abundance Ion 149.00 (148.70 to 149.70): E





#87

Benzo(b)fluoranthene

Concen: 20.280 ng/ul

RT: 22.72 min Scan# 3355

Delta R.T. -0.01 min

Lab File: BM017841.D

Acq: 01 Dec 2018 02:49

Instrument :

BNA\_M

ClientSampleId :

SSTD02075

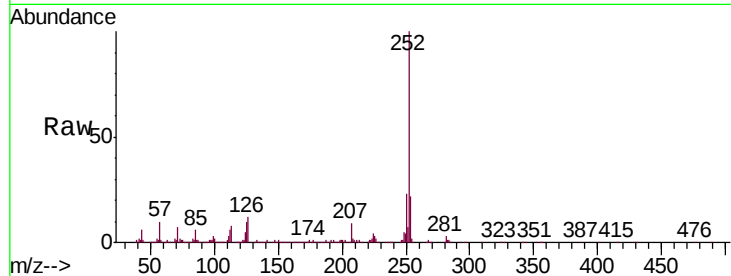
Tgt Ion:252 Resp: 1364131

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.4

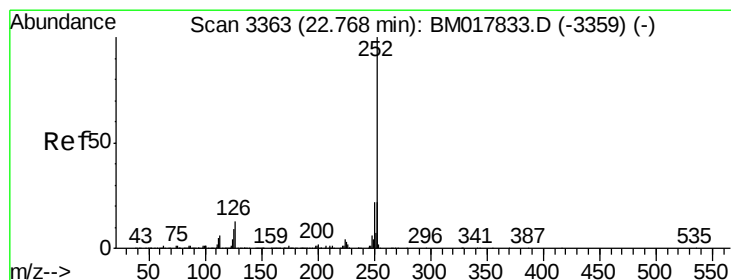
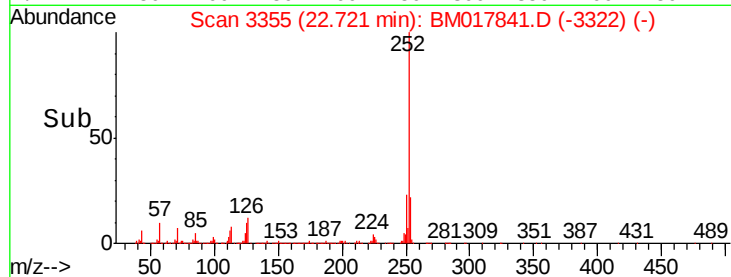
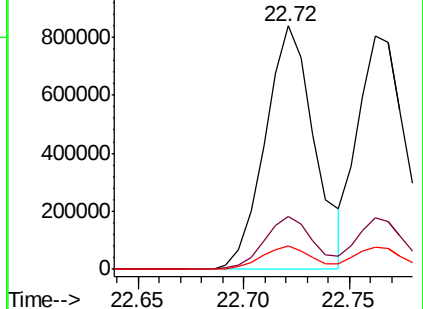
125 9.8 7.3 10.9



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



#88

Benzo(k)fluoranthene

Concen: 19.297 ng/ul

RT: 22.76 min Scan# 3362

Delta R.T. -0.01 min

Lab File: BM017841.D

Acq: 01 Dec 2018 02:49

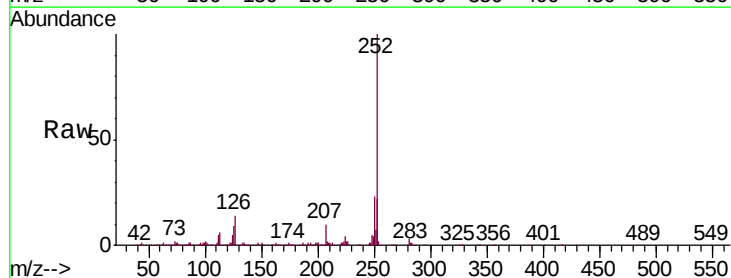
Tgt Ion:252 Resp: 1261480

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

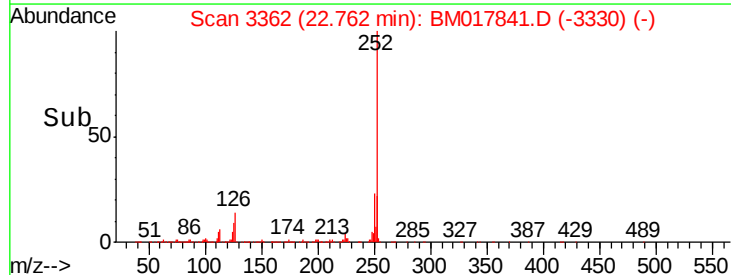
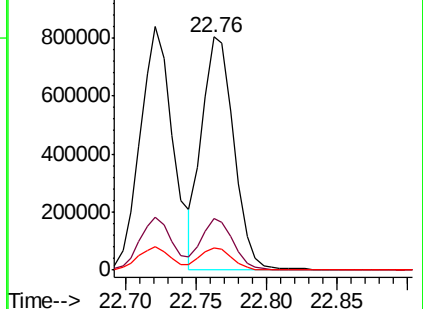
125 9.5 7.1 10.7

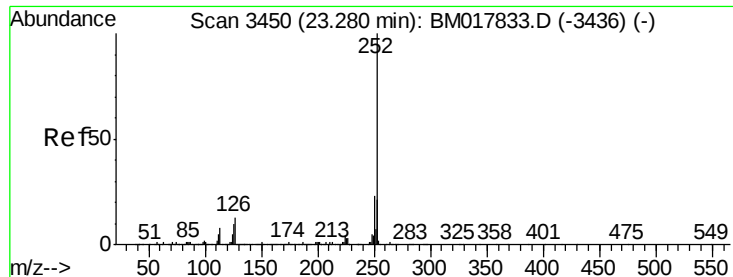


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 20.099 ng/ul

RT: 23.28 min Scan# 3450

Delta R.T. -0.01 min

Lab File: BM017841.D

Acq: 01 Dec 2018 02:49

Instrument :

BNA\_M

ClientSampleId :

SSTD02075

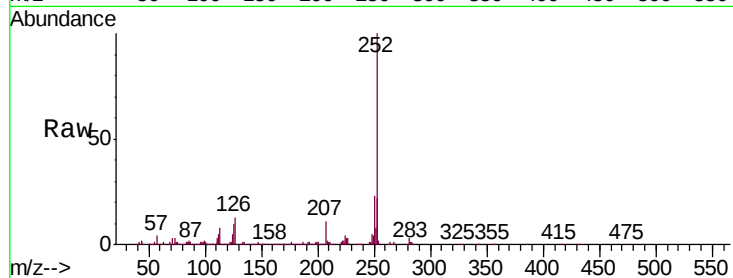
Tgt Ion:252 Resp: 1282065

Ion Ratio Lower Upper

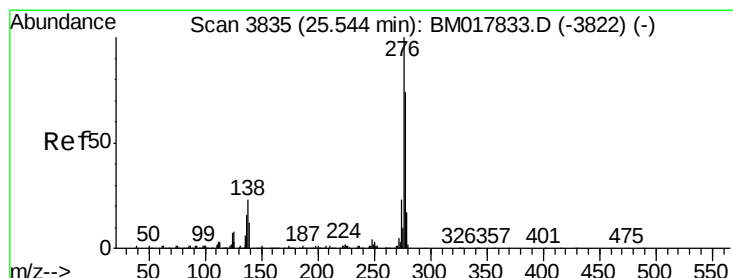
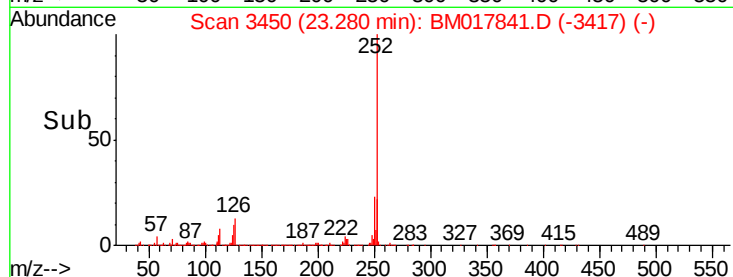
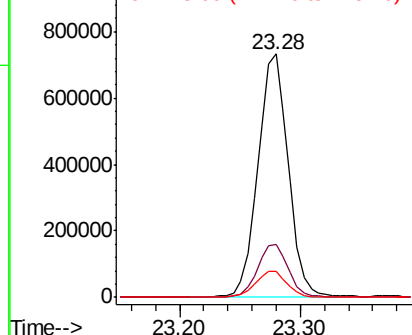
252 100

253 21.8 17.4 26.0

125 10.5 7.9 11.9



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

Indeno(1,2,3-cd)pyrene

Concen: 22.711 ng/ul

RT: 25.54 min Scan# 3834

Delta R.T. -0.02 min

Lab File: BM017841.D

Acq: 01 Dec 2018 02:49

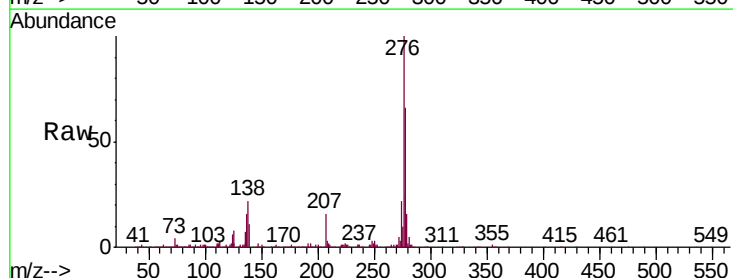
Tgt Ion:276 Resp: 1534992

Ion Ratio Lower Upper

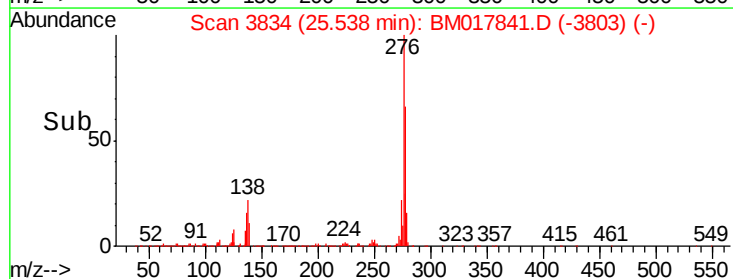
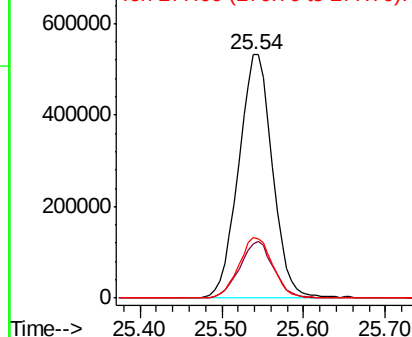
276 100

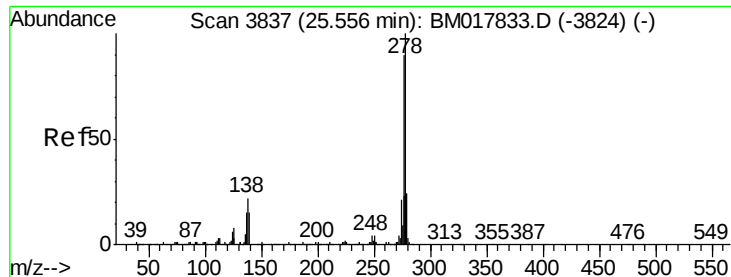
138 22.3 18.2 27.2

277 24.7 20.2 30.4



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





#92

Dibenzo(a,h)anthracene

Concen: 22.582 ng/ul

RT: 25.55 min Scan# 3836

Delta R.T. -0.01 min

Lab File: BM017841.D

Acq: 01 Dec 2018 02:49

Instrument :

BNA\_M

ClientSampleId :

SSTD02075

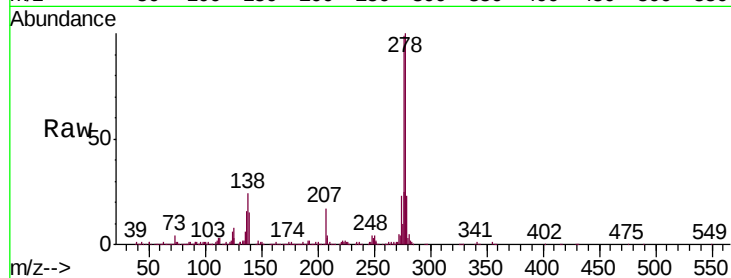
Tgt Ion:278 Resp: 1288620

Ion Ratio Lower Upper

278 100

139 15.4 11.5 17.3

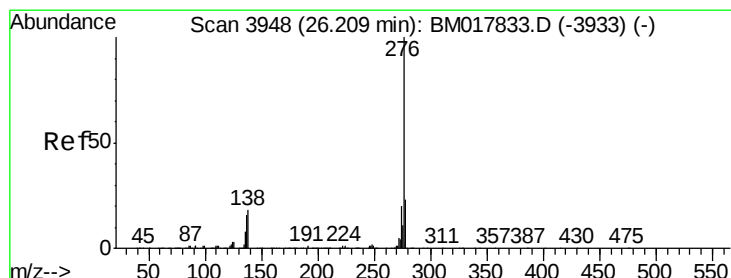
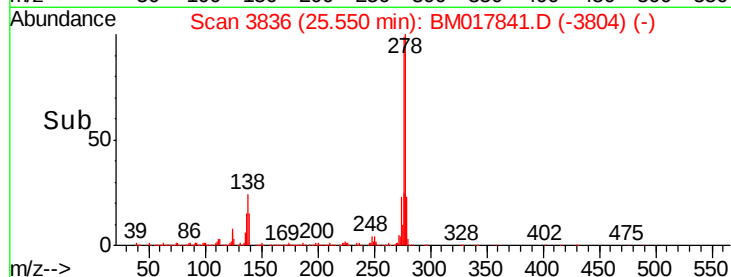
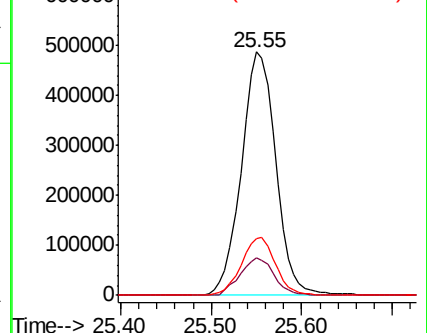
279 23.5 18.9 28.3



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



#93

Benzo(g,h,i)perylene

Concen: 23.770 ng/ul

RT: 26.20 min Scan# 3947

Delta R.T. -0.01 min

Lab File: BM017841.D

Acq: 01 Dec 2018 02:49

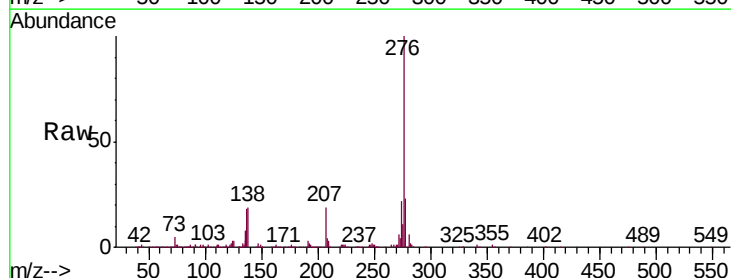
Tgt Ion:276 Resp: 1298424

Ion Ratio Lower Upper

276 100

138 19.4 15.8 23.6

277 23.1 18.6 27.8



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

