

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\  
 Data File : BM015510.D  
 Acq On : 07 Jun 2018 04:41  
 Operator : SJ/JU  
 Sample : J3195-11MS  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jun 07 07:42:14 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 06 14:01:06 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.35  | 152  | 143057   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.19 | 136  | 538454   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.97 | 164  | 272501   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.69 | 188  | 552992   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.79 | 240  | 556212   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 24.21 | 264  | 572349   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.85  | 112 | 1133522 | 134.78 | ng | 0.00  |
| 7) Phenol-d6             | 7.50  | 99  | 1347414 | 106.00 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 9.54  | 82  | 1031170 | 104.17 | ng | 0.00  |
| 41) 2,4,6-Tribromophenol | 16.44 | 330 | 517753  | 132.21 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 13.60 | 172 | 2011356 | 99.10  | ng | 0.00  |
| 78) Terphenyl-d14        | 20.24 | 244 | 2767052 | 114.83 | ng | -0.01 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.60  | 88  | 138919  | 44.291 | ng | # 100  |
| 3) Pyridine                    | 4.05  | 79  | 318547  | 34.933 | ng | # 86   |
| 4) n-Nitrosodimethylamine      | 3.95  | 42  | 251445  | 49.286 | ng | # 58   |
| 6) Aniline                     | 7.67  | 93  | 206999  | 12.837 | ng | 93     |
| 8) 2-Chlorophenol              | 7.91  | 128 | 443039  | 42.520 | ng | 94     |
| 9) Benzaldehyde                | 7.49  | 77  | 149915  | 18.528 | ng | 94     |
| 10) Phenol                     | 7.53  | 94  | 459268  | 35.621 | ng | 83     |
| 11) bis(2-Chloroethyl)ether    | 7.76  | 93  | 405471  | 40.280 | ng | 90     |
| 12) 1,3-Dichlorobenzene        | 8.24  | 146 | 475616  | 42.703 | ng | # 96   |
| 13) 1,4-Dichlorobenzene        | 8.39  | 146 | 486258  | 42.779 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 8.72  | 146 | 466673  | 42.014 | ng | 95     |
| 15) Benzyl Alcohol             | 8.60  | 79  | 386431  | 37.983 | ng | 93     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.88  | 45  | 657535  | 39.304 | ng | 94     |
| 17) 2-Methylphenol             | 8.80  | 107 | 341149  | 37.611 | ng | # 93   |
| 18) Hexachloroethane           | 9.45  | 117 | 181118  | 43.262 | ng | 94     |
| 19) n-Nitroso-di-n-propylamine | 9.17  | 70  | 337175  | 35.081 | ng | # 85   |
| 20) 3+4-Methylphenols          | 9.13  | 107 | 452042  | 36.037 | ng | 94     |
| 22) Acetophenone               | 9.19  | 105 | 635172  | 47.954 | ng | # 92   |
| 24) Nitrobenzene               | 9.58  | 77  | 508792  | 49.027 | ng | 98     |
| 25) Isophorone                 | 10.10 | 82  | 854105  | 42.823 | ng | 96     |
| 26) 2-Nitrophenol              | 10.30 | 139 | 223937  | 47.850 | ng | # 76   |
| 27) 2,4-Dimethylphenol         | 10.34 | 122 | 395192  | 45.005 | ng | 91     |
| 28) bis(2-Chloroethoxy)methane | 10.58 | 93  | 523290  | 44.633 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.83 | 162 | 383922  | 46.909 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 11.05 | 180 | 428016  | 48.692 | ng | 99     |
| 31) Naphthalene                | 11.24 | 128 | 1409699 | 50.515 | ng | 99     |
| 32) Benzoic acid               | 10.49 | 122 | 210684  | 33.839 | ng | 95     |
| 33) 4-Chloroaniline            | 11.35 | 127 | 88142   | 7.118  | ng | # 91   |
| 34) Hexachlorobutadiene        | 11.50 | 225 | 257629  | 50.441 | ng | 97     |
| 35) Caprolactam                | 12.13 | 113 | 87658   | 27.935 | ng | 89     |
| 36) 4-Chloro-3-methylphenol    | 12.45 | 107 | 390303  | 40.113 | ng | 90     |
| 37) 2-Methylnaphthalene        | 12.82 | 142 | 928316  | 44.261 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.18 | 216 | 440262  | 52.402 | ng | # 100  |
| 40) Hexachlorocyclopentadiene  | 13.15 | 237 | 419592  | 86.315 | ng | 99     |

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 Sample : J3195-11MS  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

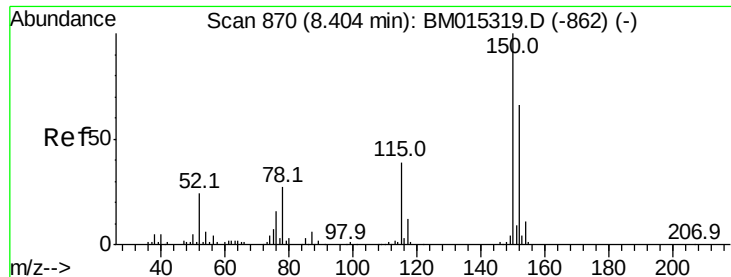
Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jun 07 07:42:14 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 06 14:01:06 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.42 | 196  | 278273   | 48.883 | ng    | 97       |
| 43) 2,4,5-Trichlorophenol      | 13.49 | 196  | 297415   | 47.588 | ng    | # 88     |
| 45) 1,1'-Biphenyl              | 13.81 | 154  | 1150271  | 51.071 | ng    | 98       |
| 46) 2-Chloronaphthalene        | 13.86 | 162  | 885555   | 51.282 | ng    | 94       |
| 47) 2-Nitroaniline             | 14.06 | 65   | 279396   | 48.957 | ng    | 85       |
| 48) Acenaphthylene             | 14.70 | 152  | 1410651  | 50.946 | ng    | 100      |
| 49) Dimethylphthalate          | 14.42 | 163  | 1062824  | 45.424 | ng    | # 99     |
| 50) 2,6-Dinitrotoluene         | 14.55 | 165  | 232058   | 46.648 | ng    | 90       |
| 51) Acenaphthene               | 15.03 | 154  | 823899   | 48.783 | ng    | 99       |
| 52) 3-Nitroaniline             | 14.88 | 138  | 94759    | 17.937 | ng    | # 78     |
| 53) 2,4-Dinitrophenol          | 15.09 | 184  | 217577   | 69.419 | ng    | 93       |
| 54) Dibenzofuran               | 15.36 | 168  | 1293951  | 47.597 | ng    | 91       |
| 55) 4-Nitrophenol              | 15.17 | 139  | 345352   | 74.013 | ng    | # 57     |
| 56) 2,4-Dinitrotoluene         | 15.33 | 165  | 314815   | 45.554 | ng    | # 82     |
| 57) Fluorene                   | 16.01 | 166  | 1038846  | 46.447 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.59 | 232  | 255920   | 44.265 | ng    | # 100    |
| 59) Diethylphthalate           | 15.76 | 149  | 1069026  | 44.265 | ng    | 97       |
| 60) 4-Chlorophenyl-phenylether | 15.99 | 204  | 506600   | 45.571 | ng    | 93       |
| 61) 4-Nitroaniline             | 16.03 | 138  | 225534   | 38.550 | ng    | # 60     |
| 62) Azobenzene                 | 16.28 | 77   | 1102700  | 49.012 | ng    | 87       |
| 64) 4,6-Dinitro-2-methylphenol | 16.09 | 198  | 150746   | 47.323 | ng    | 91       |
| 65) n-Nitrosodiphenylamine     | 16.20 | 169  | 879610   | 51.509 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.87 | 248  | 306513   | 51.764 | ng    | # 87     |
| 67) Hexachlorobenzene          | 17.00 | 284  | 343590   | 50.460 | ng    | # 84     |
| 68) Atrazine                   | 17.13 | 200  | 298003   | 50.116 | ng    | 98       |
| 69) Pentachlorophenol          | 17.34 | 266  | 376820   | 94.219 | ng    | 98       |
| 70) Phenanthrene               | 17.73 | 178  | 1559609  | 49.997 | ng    | 100      |
| 71) Anthracene                 | 17.83 | 178  | 1571964  | 49.207 | ng    | 99       |
| 72) Carbazole                  | 18.09 | 167  | 1422363  | 48.051 | ng    | 99       |
| 73) Di-n-butylphthalate        | 18.61 | 149  | 1728692  | 46.655 | ng    | # 99     |
| 74) Fluoranthene               | 19.71 | 202  | 1711848  | 45.617 | ng    | 97       |
| 76) Benzidine                  | 19.88 | 184  | 341950   | 18.061 | ng    | 99       |
| 77) Pyrene                     | 20.07 | 202  | 1739651  | 51.748 | ng    | 100      |
| 79) Butylbenzylphthalate       | 20.92 | 149  | 782770   | 48.408 | ng    | 91       |
| 80) Benzo(a)anthracene         | 21.78 | 228  | 1735845  | 49.017 | ng    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 21.70 | 252  | 208382   | 14.949 | ng    | 97       |
| 82) Chrysene                   | 21.83 | 228  | 1631537  | 49.675 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.66 | 149  | 1116519  | 46.665 | ng    | 98       |
| 84) Di-n-octyl phthalate       | 22.59 | 149  | 1897765  | 45.475 | ng    | # 93     |
| 85) Indeno(1,2,3-cd)pyrene     | 26.71 | 276  | 2046256  | 45.762 | ng    | # 91     |
| 87) Benzo(b)fluoranthene       | 23.47 | 252  | 1827610  | 52.593 | ng    | 97       |
| 88) Benzo(k)fluoranthene       | 23.53 | 252  | 1657747  | 50.130 | ng    | 100      |
| 89) Benzo(a)pyrene             | 24.11 | 252  | 1688320  | 50.269 | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 26.72 | 278  | 1768507  | 50.683 | ng    | 99       |
| 91) Benzo(g,h,i)perylene       | 27.49 | 276  | 1686021  | 49.833 | ng    | 97       |

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



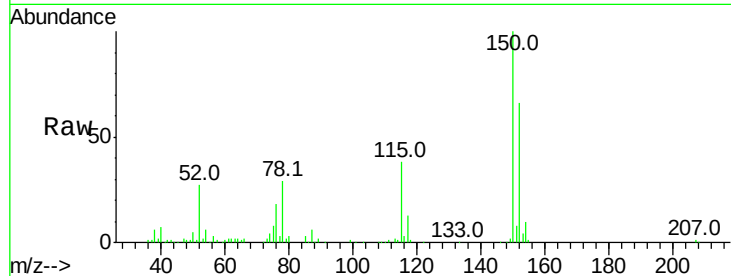


#1

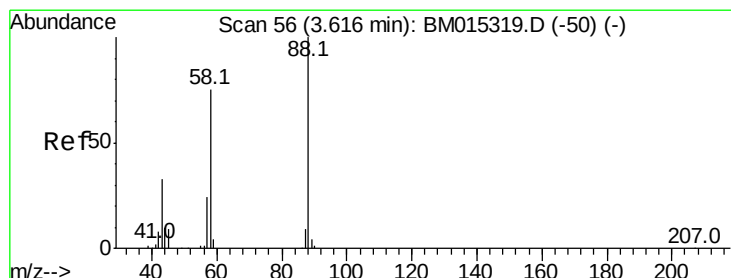
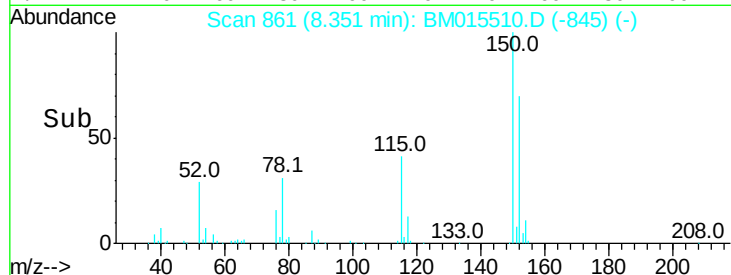
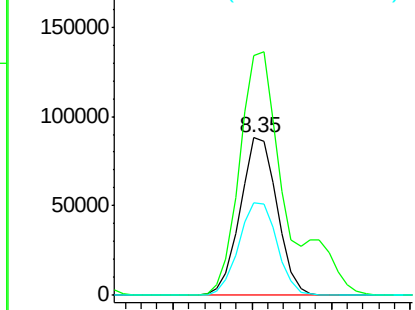
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.35 min Scan# 861  
Delta R.T. -0.01 min  
Lab File: BM015510.D  
Acq: 07 Jun 2018 04:41

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:152 Resp: 143057  
Ion Ratio Lower Upper  
152 100  
150 152.1 119.5 179.3  
115 58.4 43.0 64.4



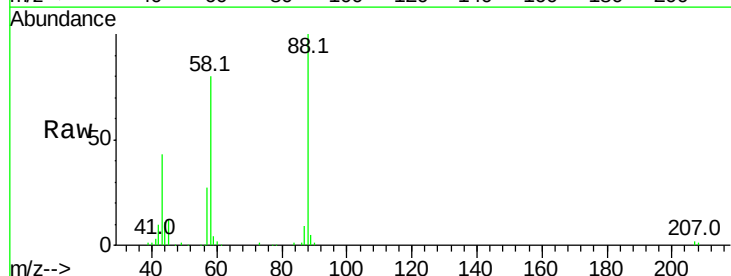
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



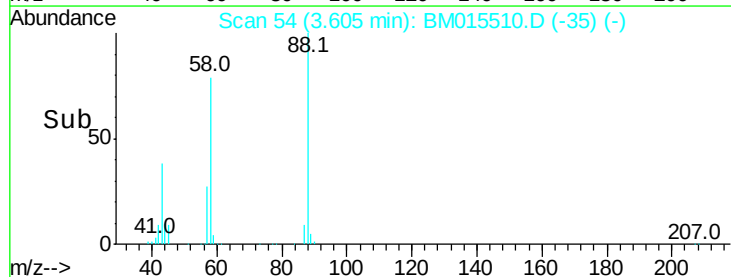
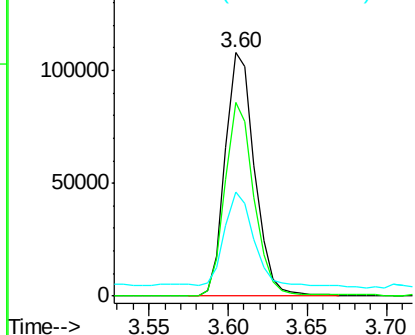
#2

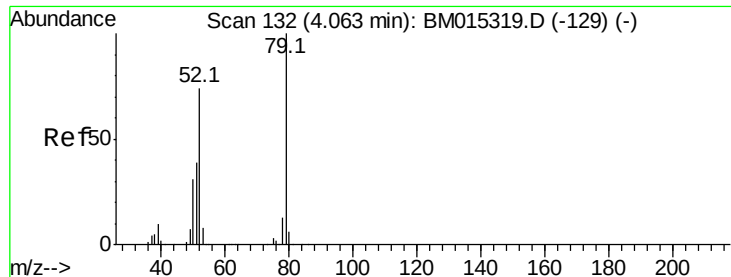
1,4-Dioxane  
Concen: 44.291 ng  
RT: 3.60 min Scan# 54  
Delta R.T. 0.01 min  
Lab File: BM015510.D  
Acq: 07 Jun 2018 04:41

Tgt Ion: 88 Resp: 138919  
Ion Ratio Lower Upper  
88 100  
58 77.2 0.0 0.0#  
43 37.7 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM0  
Ion 58.00 (57.70 to 58.70): BM0  
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 34.933 ng

RT: 4.05 min Scan# 130

Delta R.T. 0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

Instrument :

BNA\_M

ClientSampleId :

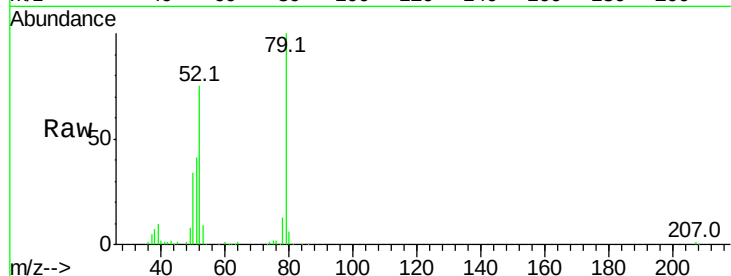
Tot Ion: 79 Resp: 318547

Ion Ratio Lower Upper

79 100

52 74.8 51.1 76.7

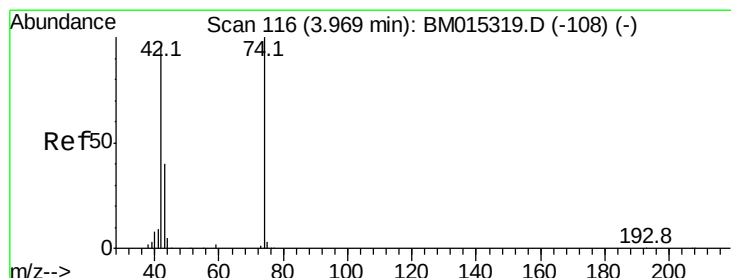
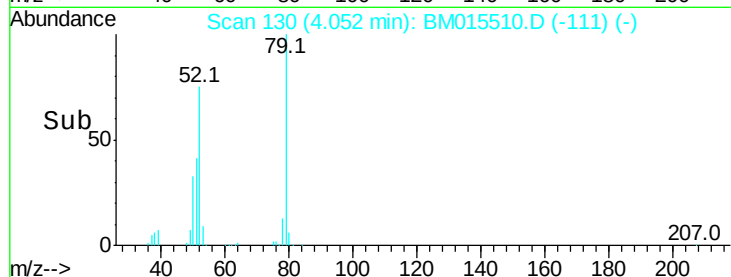
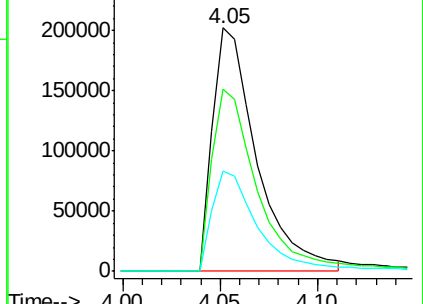
51 41.0 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM015510.D (-129) (-)

Ion 52.00 (51.70 to 52.70): BM015510.D (-129) (-)

Ion 51.00 (50.70 to 51.70): BM015510.D (-129) (-)



#4

n-Nitrosodimethylamine

Concen: 49.286 ng

RT: 3.95 min Scan# 113

Delta R.T. 0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

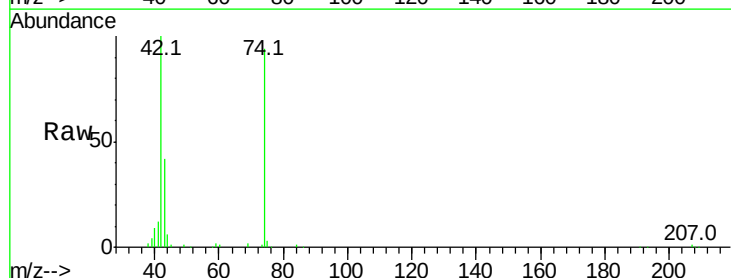
Tgt Ion: 42 Resp: 251445

Ion Ratio Lower Upper

42 100

74 94.4 119.3 178.9#

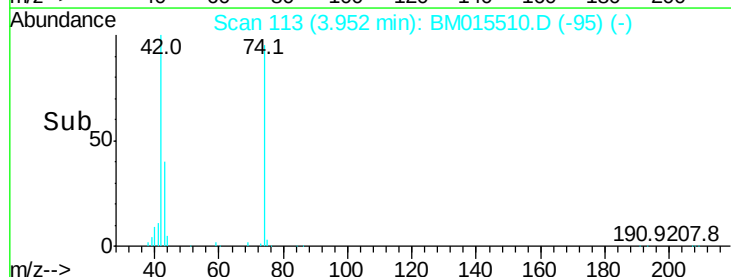
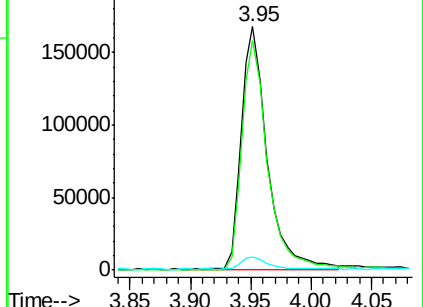
44 5.6 5.4 8.2

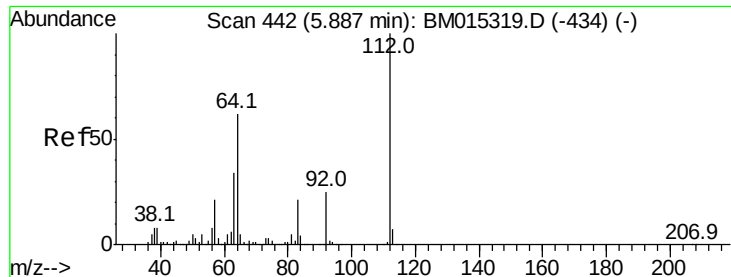


Abundance Ion 42.00 (41.70 to 42.70): BM015510.D (-95) (-)

Ion 74.00 (73.70 to 74.70): BM015510.D (-95) (-)

Ion 44.00 (43.70 to 44.70): BM015510.D (-95) (-)





#5

2-Fluorophenol

Concen: 134.781 ng

RT: 5.85 min Scan# 436

Delta R.T. 0.00 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

Instrument :

BNA\_M

ClientSampleId :

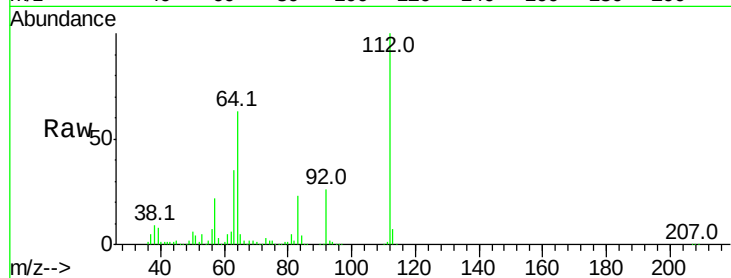
Tot Ion:112 Resp: 1133522

Ion Ratio Lower Upper

112 100

64 62.9 38.6 57.8#

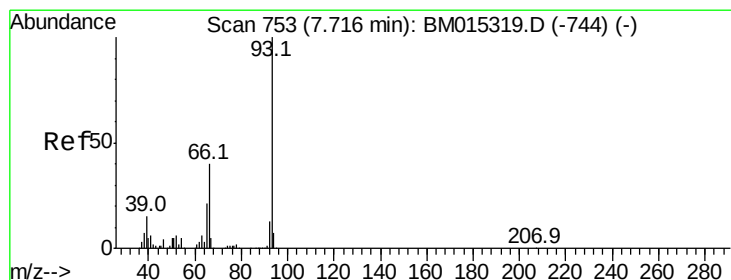
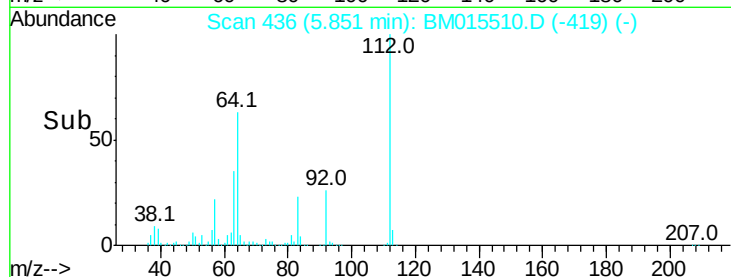
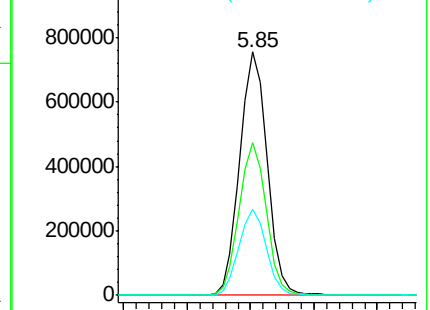
63 35.3 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 12.837 ng

RT: 7.67 min Scan# 746

Delta R.T. 0.00 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

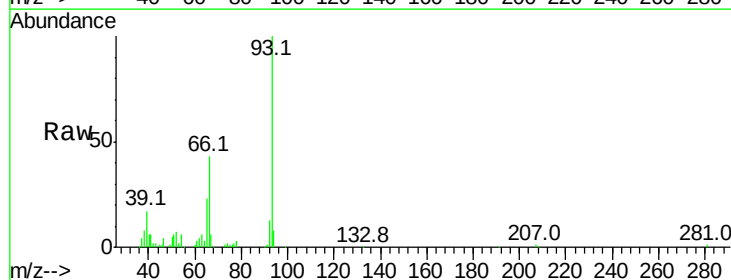
Tgt Ion: 93 Resp: 206999

Ion Ratio Lower Upper

93 100

66 43.0 30.8 46.2

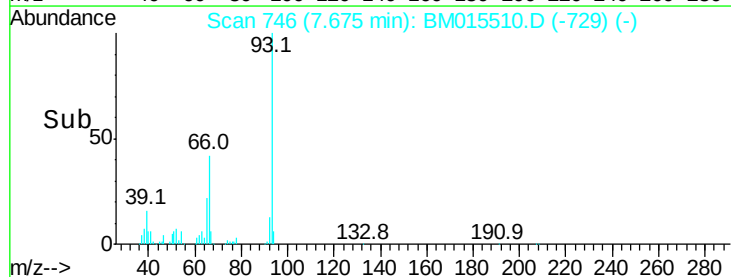
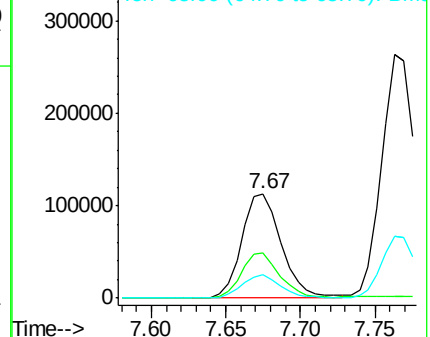
65 22.7 16.0 24.0

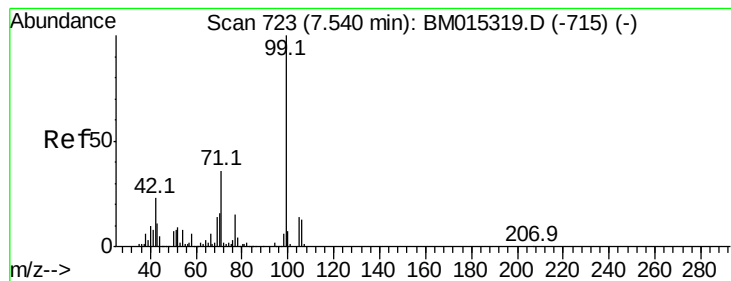


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 106.001 ng

RT: 7.50 min Scan# 716

Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

Instrument :

BNA\_M

ClientSampleId :

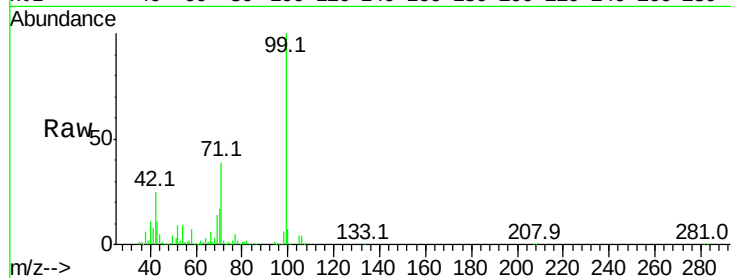
Tot Ion: 99 Resp: 1347414

Ion Ratio Lower Upper

99 100

42 25.3 11.0 16.4#

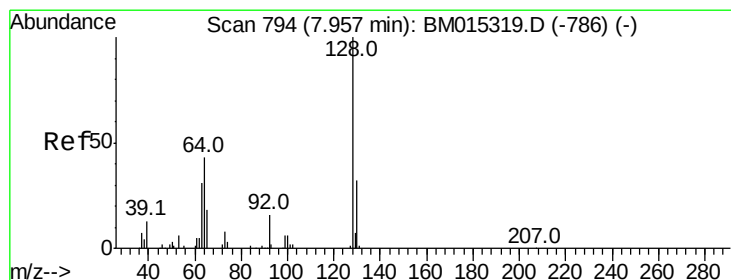
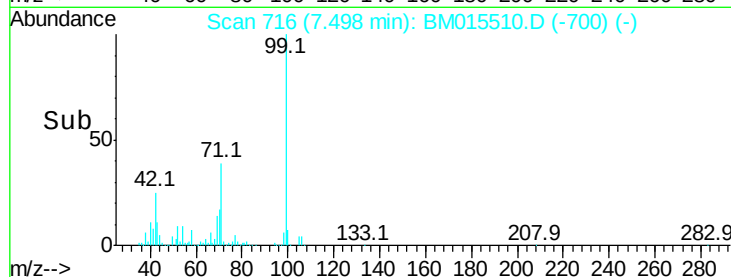
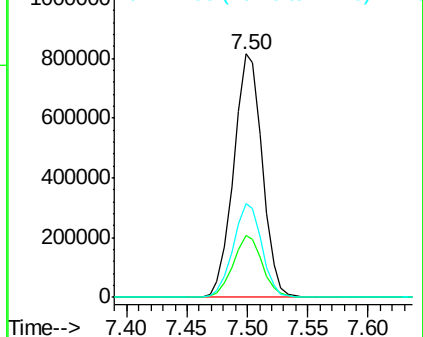
71 38.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015510.D (-715) (-)

Ion 42.00 (41.70 to 42.70): BM015510.D (-715) (-)

Ion 71.00 (70.70 to 71.70): BM015510.D (-715) (-)



#8

2-Chlorophenol

Concen: 42.520 ng

RT: 7.91 min Scan# 786

Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

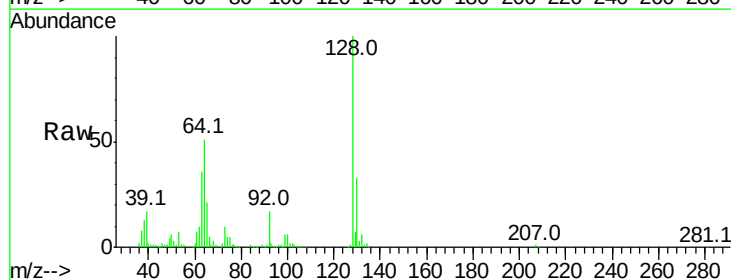
Tgt Ion:128 Resp: 443039

Ion Ratio Lower Upper

128 100

130 32.5 12.0 52.0

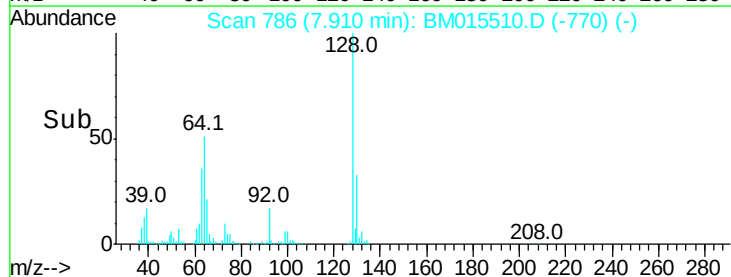
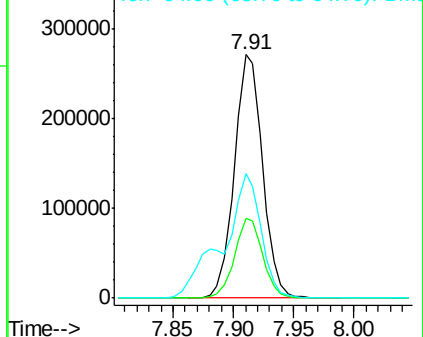
64 51.2 24.9 64.9



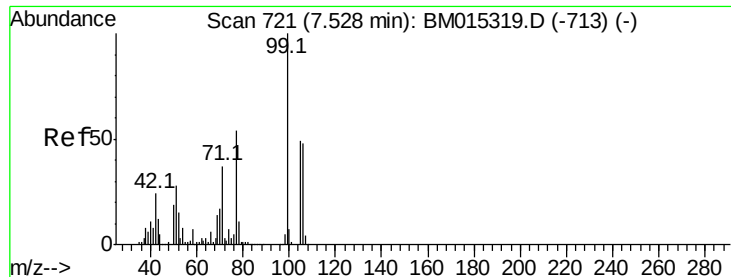
Abundance Ion 128.00 (127.70 to 128.70): BM015510.D (-786) (-)

Ion 130.00 (129.70 to 130.70): BM015510.D (-786) (-)

Ion 64.00 (63.70 to 64.70): BM015510.D (-786) (-)







#9

Benzaldehyde

Concen: 18.528 ng

RT: 7.49 min Scan# 714

Delta R.T. 0.00 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

Instrument :

BNA\_M

ClientSampleId :

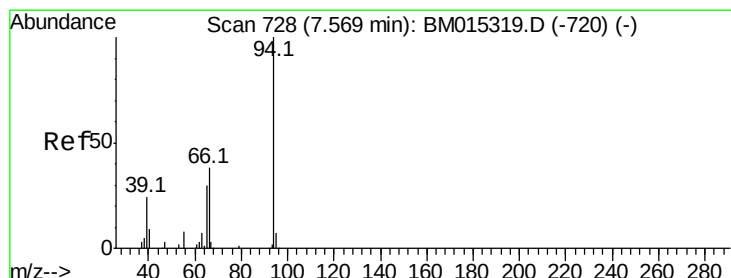
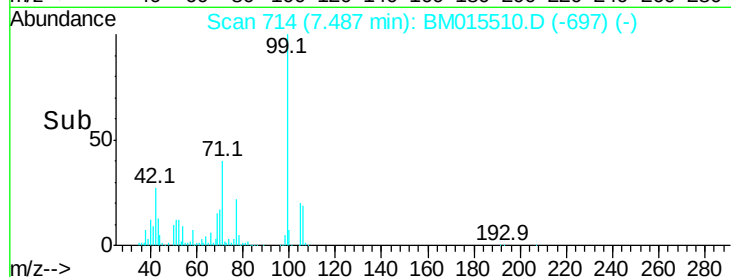
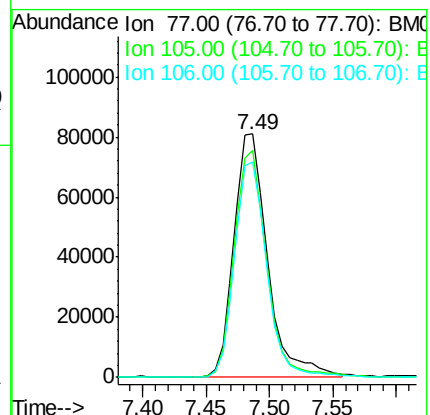
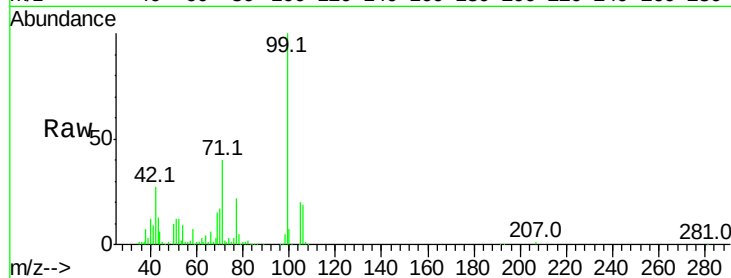
Tot Ion: 77 Resp: 149915

Ion Ratio Lower Upper

77 100

105 93.1 78.8 118.8

106 88.4 73.7 113.7



#10

Phenol

Concen: 35.621 ng

RT: 7.53 min Scan# 721

Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

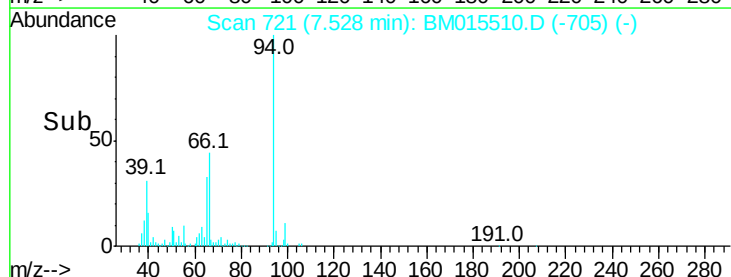
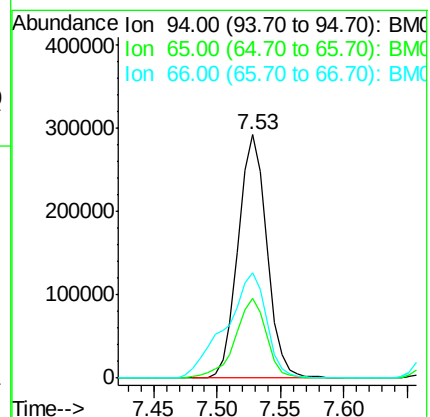
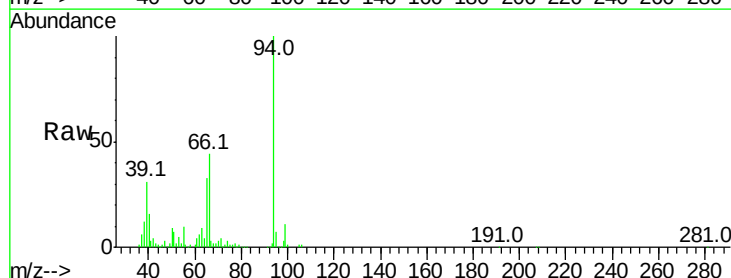
Tgt Ion: 94 Resp: 459268

Ion Ratio Lower Upper

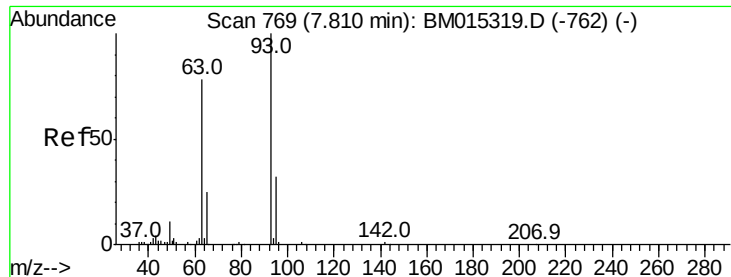
94 100

65 32.6 18.8 58.8

66 43.5 39.9 79.9







#11

bis(2-Chloroethyl)ether

Concen: 40.280 ng

RT: 7.76 min Scan# 761

Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

Instrument :

BNA\_M

ClientSampleId :

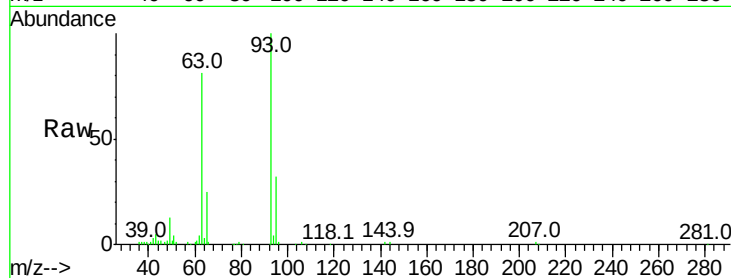
Tot Ion: 93 Resp: 405471

Ion Ratio Lower Upper

93 100

63 81.2 49.5 89.5

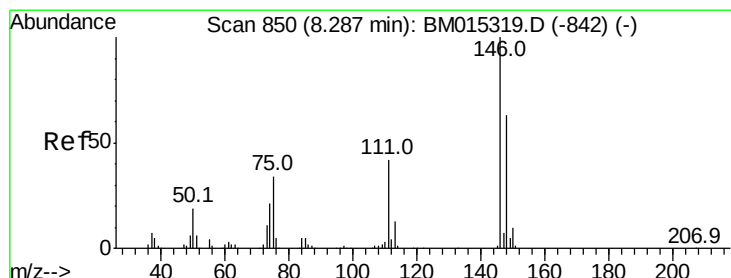
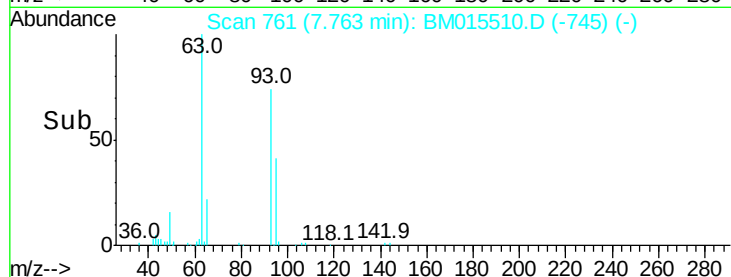
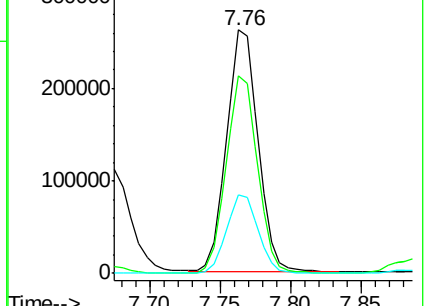
95 32.4 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BM015510.D (-745) (-)

Ion 63.00 (62.70 to 63.70): BM015510.D (-745) (-)

Ion 95.00 (94.70 to 95.70): BM015510.D (-745) (-)



#12

1,3-Dichlorobenzene

Concen: 42.703 ng

RT: 8.24 min Scan# 842

Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

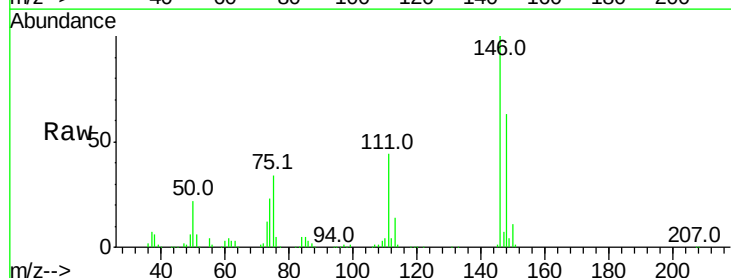
Tgt Ion: 146 Resp: 475616

Ion Ratio Lower Upper

146 100

148 63.4 50.9 76.3

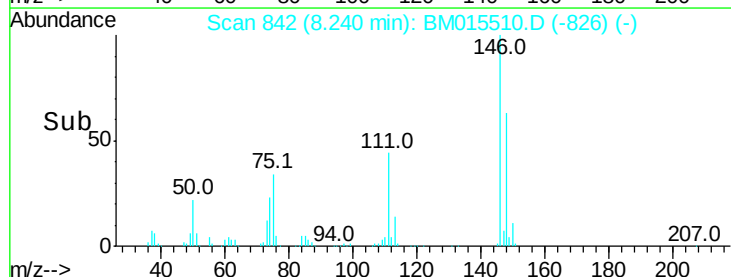
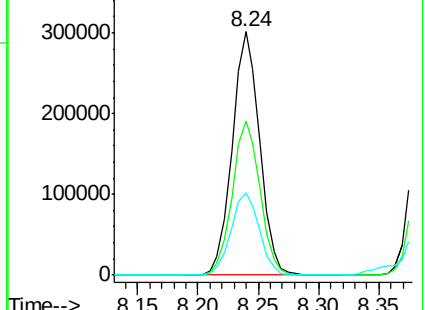
75 33.8 21.4 32.2#

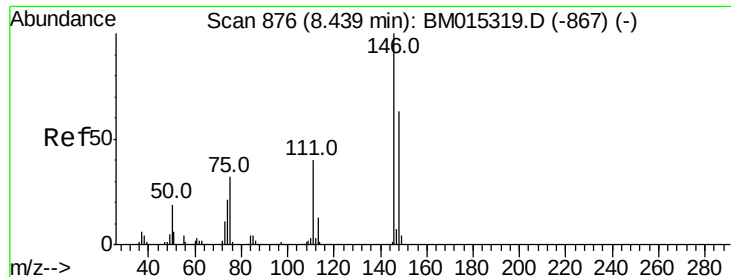


Abundance Ion 146.00 (145.70 to 146.70): BM015510.D (-826) (-)

Ion 148.00 (147.70 to 148.70): BM015510.D (-826) (-)

Ion 75.00 (74.70 to 75.70): BM015510.D (-826) (-)

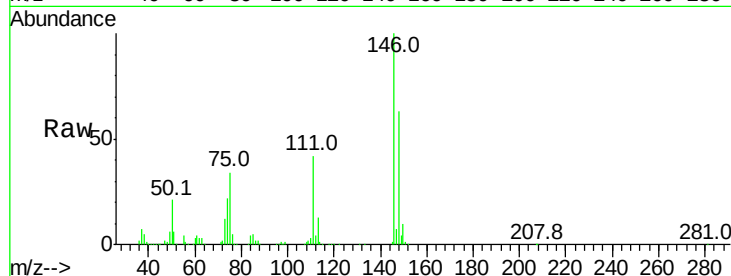




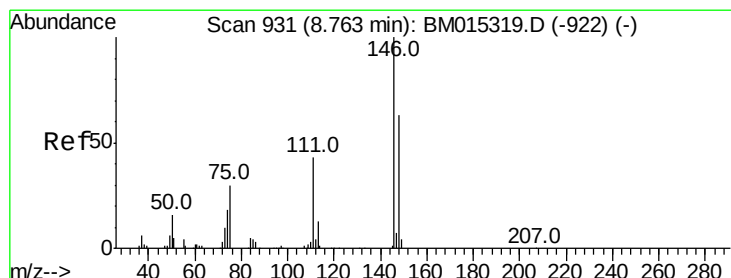
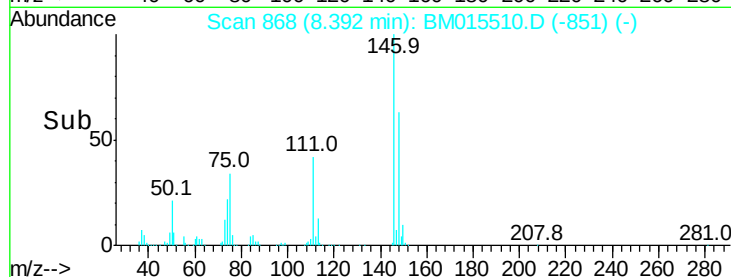
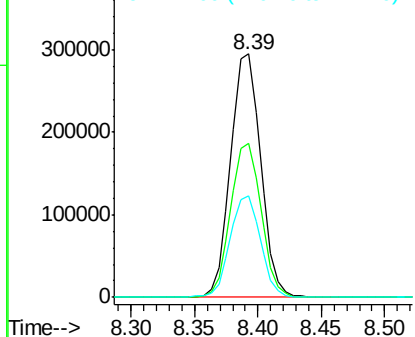
#13  
 1,4-Dichlorobenzene  
 Concen: 42.779 ng  
 RT: 8.39 min Scan# 868  
 Delta R.T. 0.00 min  
 Lab File: BM015510.D  
 Acq: 07 Jun 2018 04:41

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:146 Resp: 486258  
 Ion Ratio Lower Upper  
 146 100  
 148 63.4 51.9 77.9  
 111 41.8 29.2 43.8

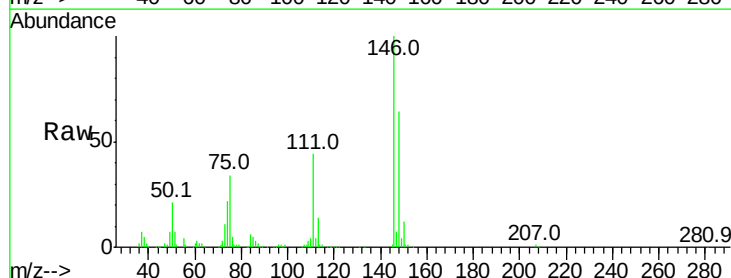


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

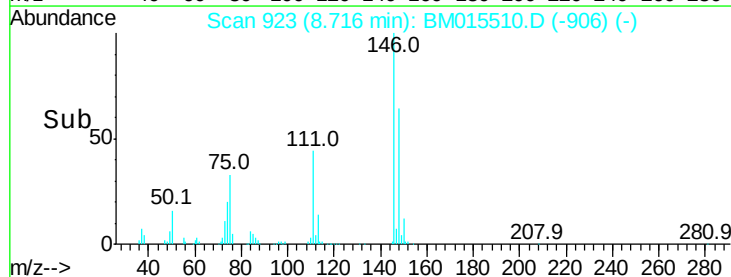
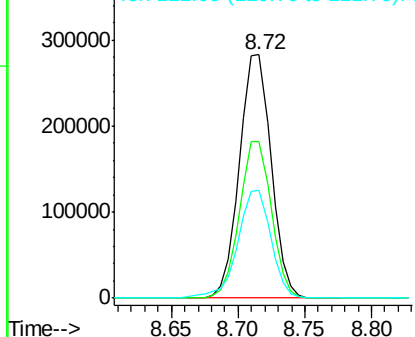


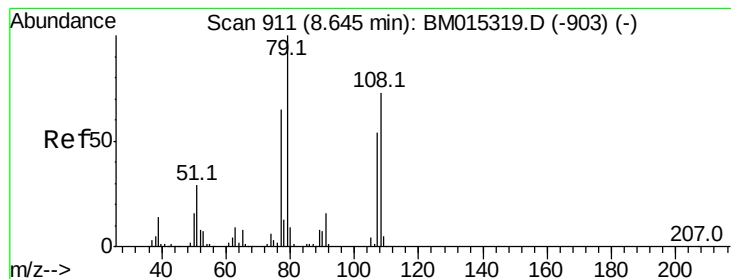
#14  
 1,2-Dichlorobenzene  
 Concen: 42.014 ng  
 RT: 8.72 min Scan# 923  
 Delta R.T. 0.00 min  
 Lab File: BM015510.D  
 Acq: 07 Jun 2018 04:41

Tgt Ion:146 Resp: 466673  
 Ion Ratio Lower Upper  
 146 100  
 148 64.4 52.3 78.5  
 111 44.2 30.6 45.8



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





#15

Benzyl Alcohol

Concen: 37.983 ng

RT: 8.60 min Scan# 903

Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

Instrument :

BNA\_M

ClientSampleId :

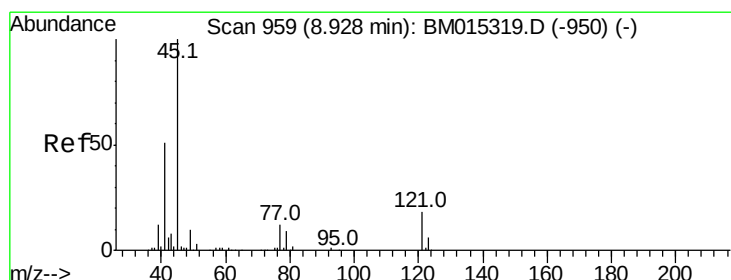
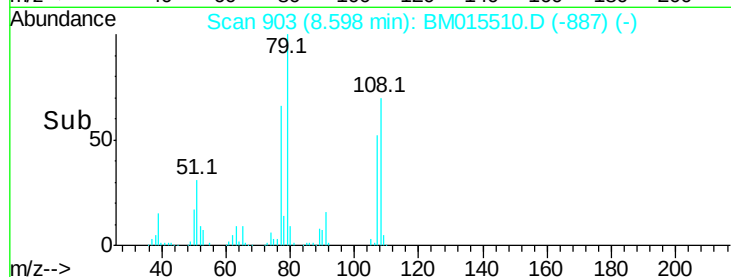
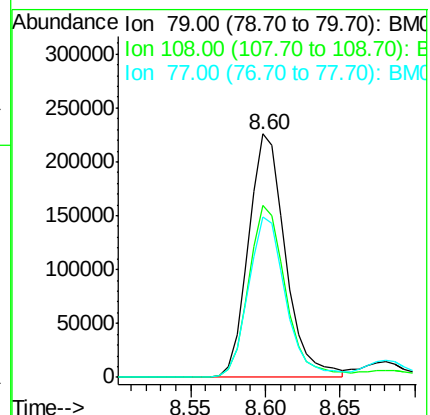
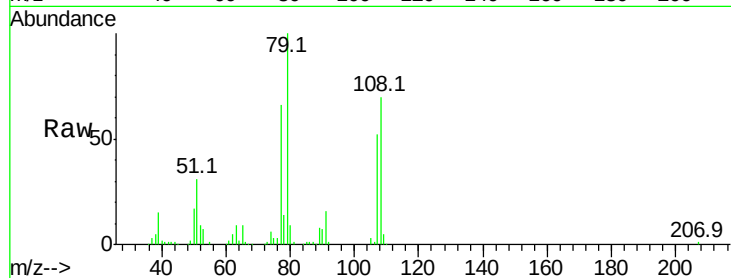
Tot Ion: 79 Resp: 386431

Ion Ratio Lower Upper

79 100

108 70.5 65.0 97.4

77 66.1 53.0 79.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.304 ng

RT: 8.88 min Scan# 951

Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

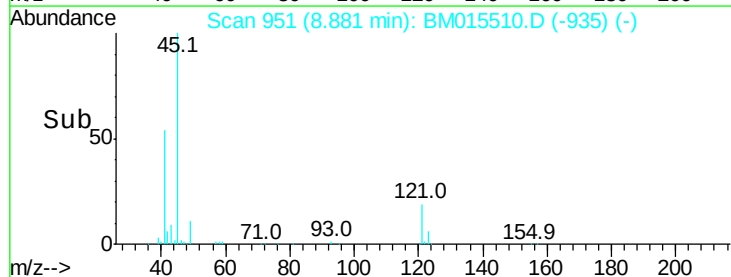
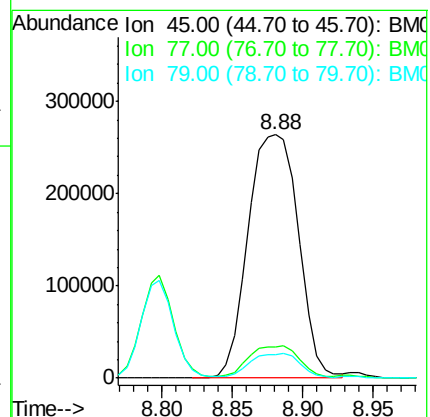
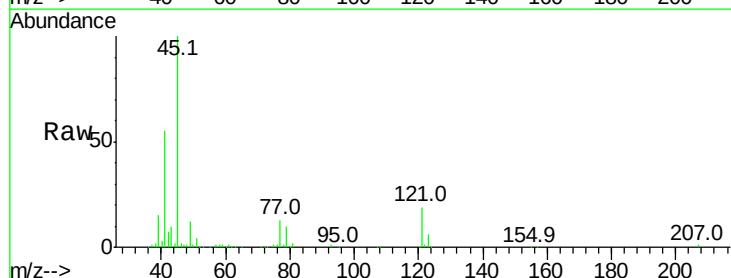
Tgt Ion: 45 Resp: 657535

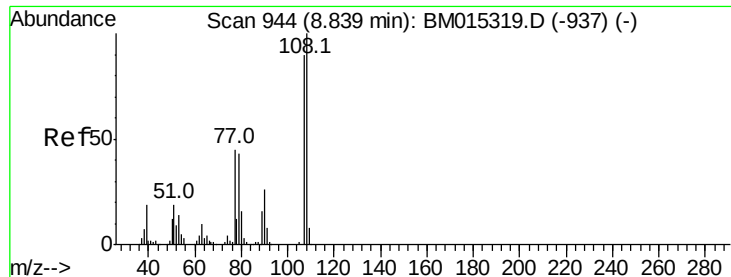
Ion Ratio Lower Upper

45 100

77 12.8 0.0 35.2

79 9.7 0.0 32.0





#17

2-Methylphenol

Concen: 37.611 ng

RT: 8.80 min Scan# 937

Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

Instrument :

BNA\_M

ClientSampleId :

Tot Ion:107 Resp: 341149

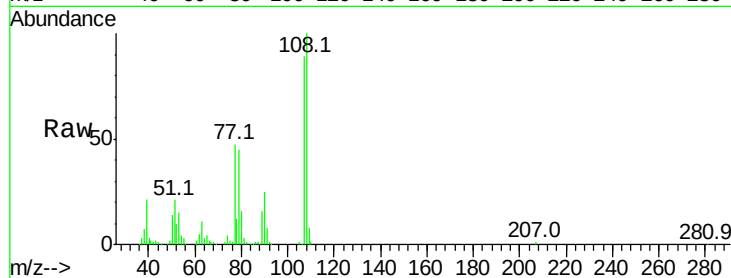
Ion Ratio Lower Upper

107 100

108 112.3 89.8 134.8

77 53.1 32.6 48.8#

79 50.6 32.8 49.2#

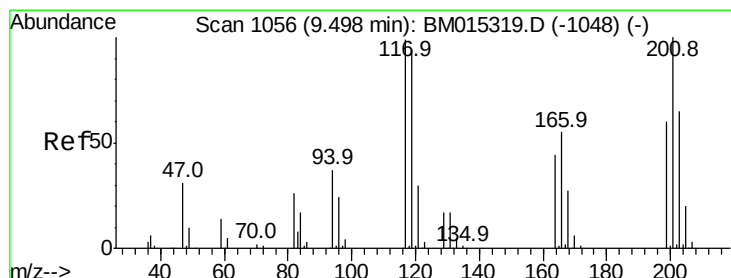
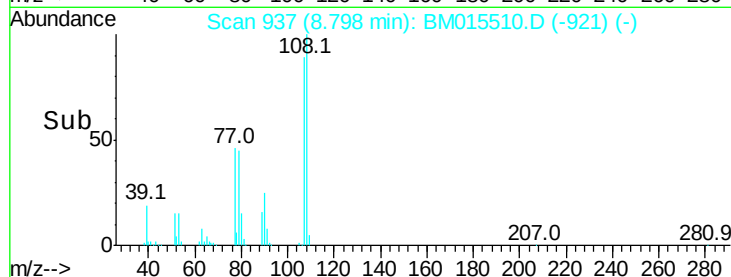
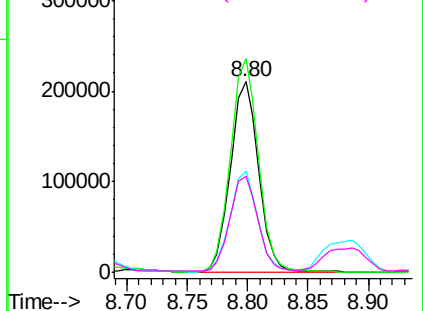


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 43.262 ng

RT: 9.45 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

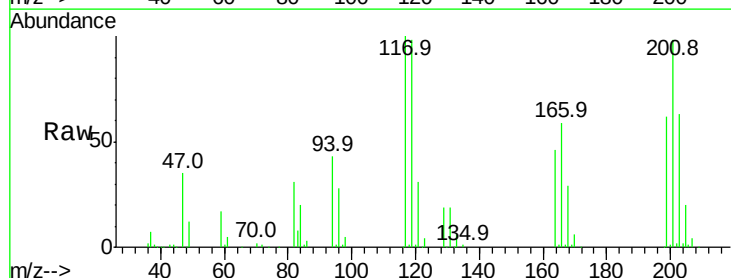
Tgt Ion:117 Resp: 181118

Ion Ratio Lower Upper

117 100

119 97.8 79.2 118.8

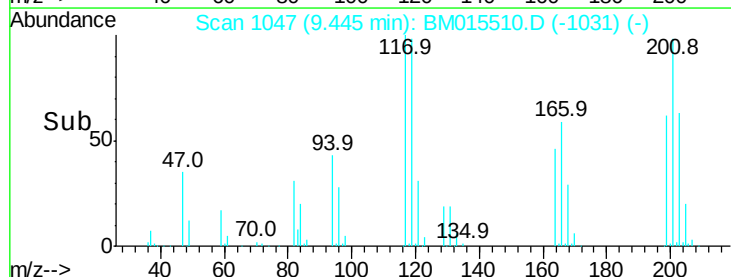
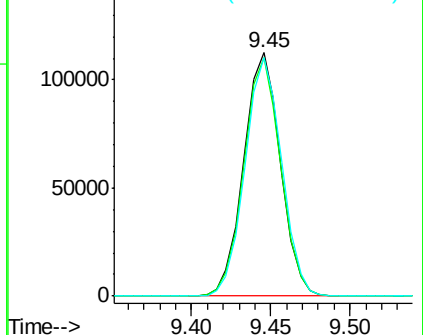
201 98.2 69.8 104.6

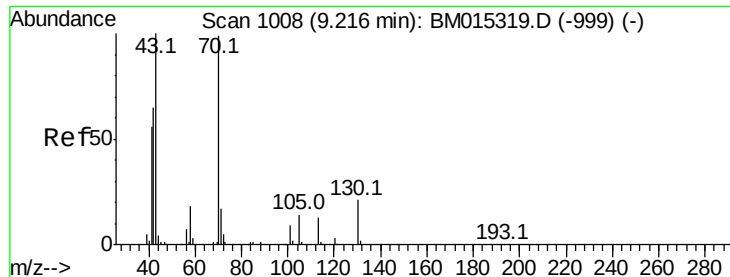


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

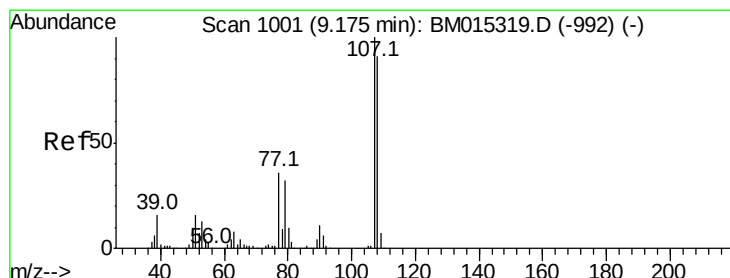
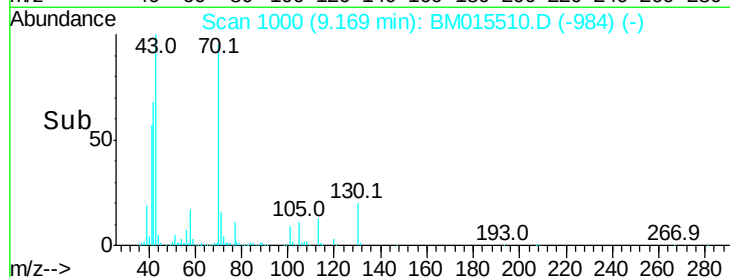
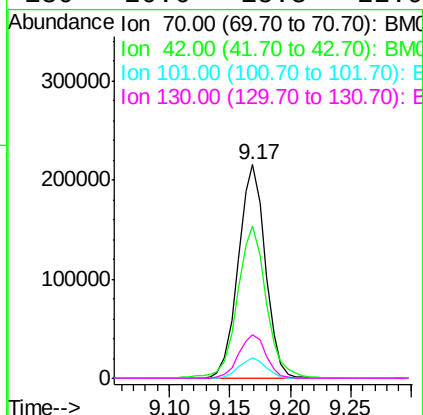
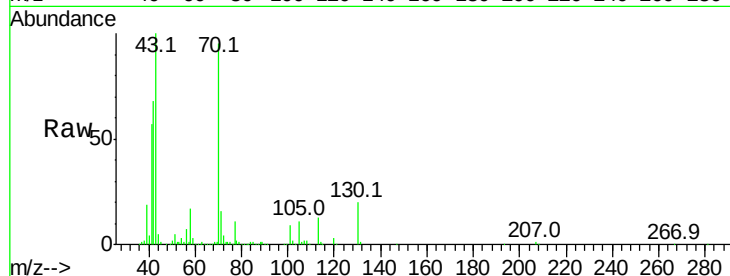




#19  
n-Nitroso-di-n-propylamine  
Concen: 35.081 ng  
RT: 9.17 min Scan# 1000  
Delta R.T. -0.01 min  
Lab File: BM015510.D  
Acq: 07 Jun 2018 04:41

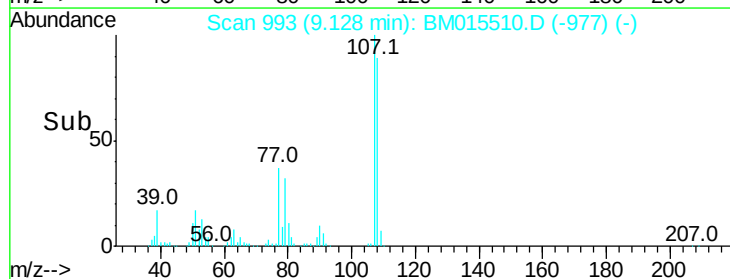
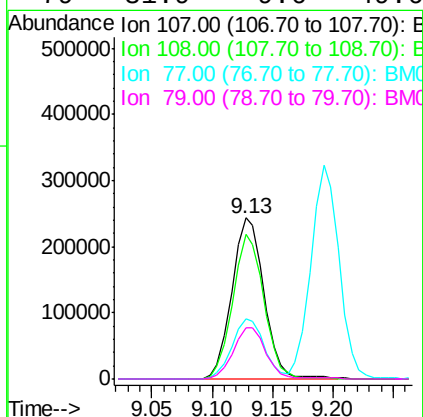
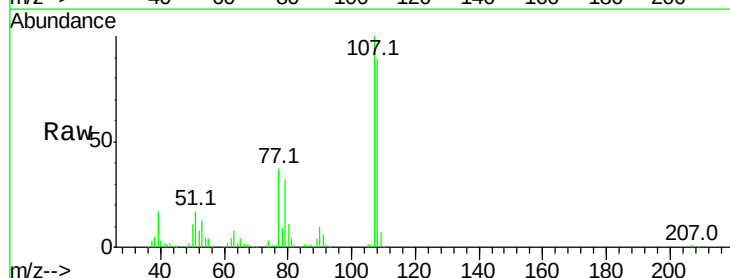
Instrument :  
BNA\_M  
ClientSampleId :

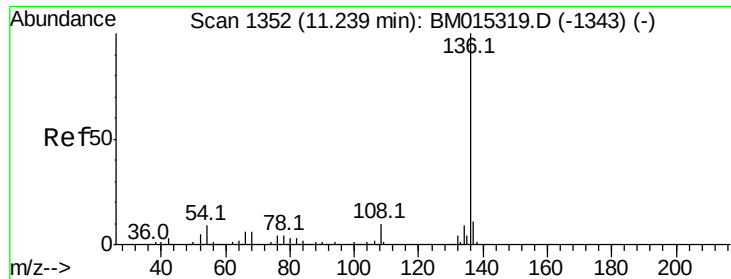
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 71.2  | 44.5  | 66.7# |
| 101     | 9.5   | 7.4   | 11.2  |
| 130     | 20.6  | 15.3  | 22.9  |



#20  
3+4-Methylphenols  
Concen: 36.037 ng  
RT: 9.13 min Scan# 993  
Delta R.T. -0.01 min  
Lab File: BM015510.D  
Acq: 07 Jun 2018 04:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 89.4  | 73.2  | 113.2 |
| 77      | 37.4  | 10.7  | 50.7  |
| 79      | 31.9  | 9.6   | 49.6  |

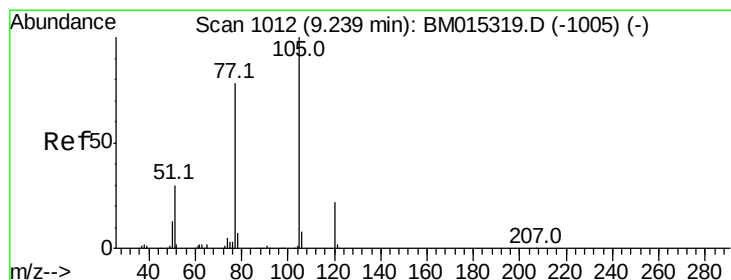
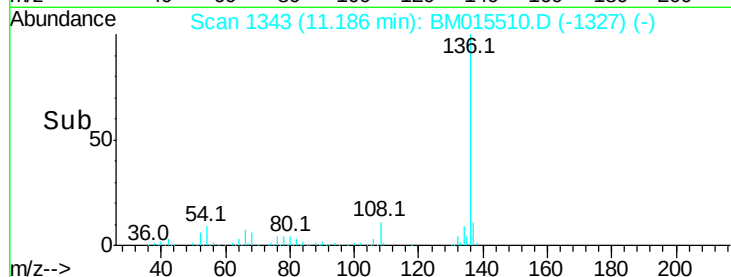
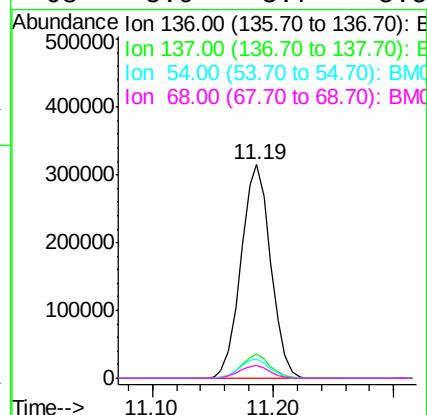
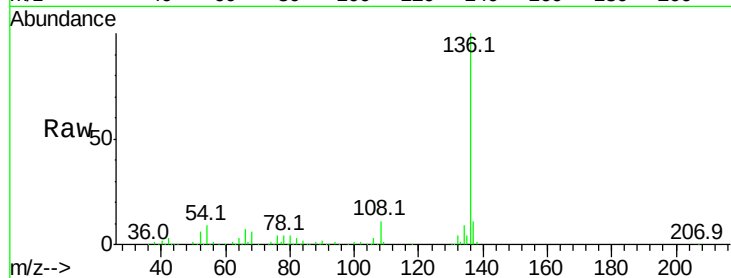




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.19 min Scan# 1343  
Delta R.T. -0.01 min  
Lab File: BM015510.D  
Acq: 07 Jun 2018 04:41

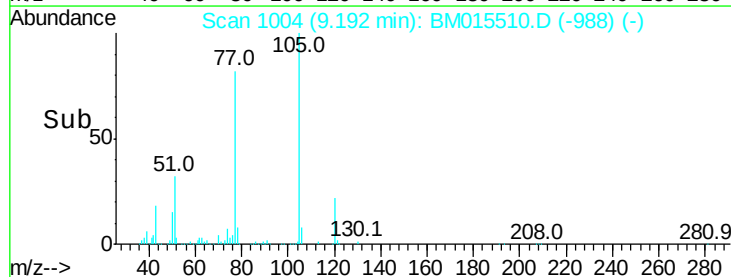
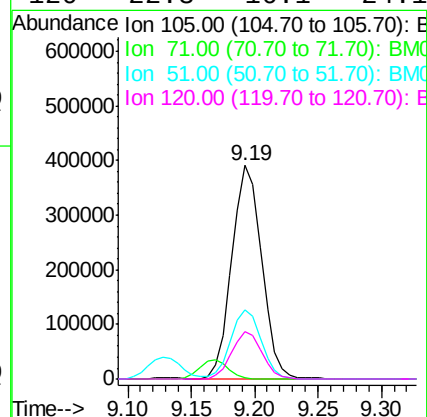
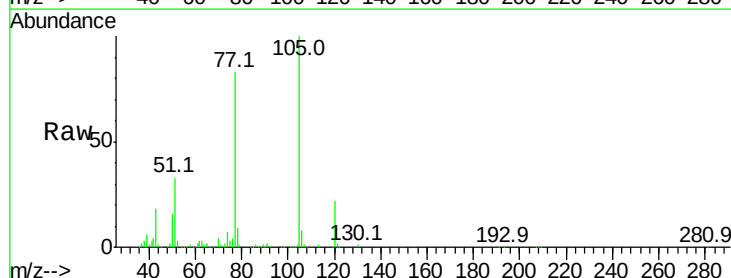
Instrument :  
BNA\_M  
ClientSampled :

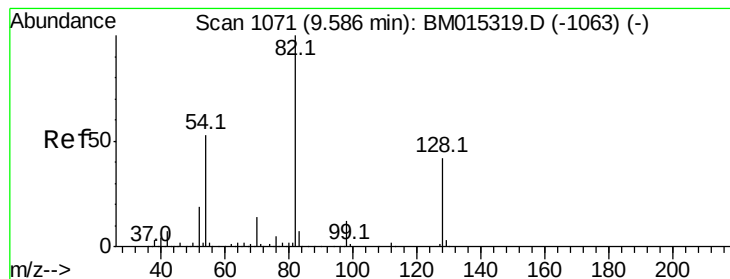
|             |       |             |
|-------------|-------|-------------|
| Tot Ion:136 | Resp: | 538454      |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 11.3  | 8.7 13.1    |
| 54          | 9.1   | 4.6 6.8#    |
| 68          | 5.9   | 3.7 5.5#    |



#22  
Acetophenone  
Concen: 47.954 ng  
RT: 9.19 min Scan# 1004  
Delta R.T. -0.01 min  
Lab File: BM015510.D  
Acq: 07 Jun 2018 04:41

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:105 | Resp: | 635172      |
| Ion         | Ratio | Lower Upper |
| 105         | 100   |             |
| 71          | 0.6   | 0.6 1.0#    |
| 51          | 32.6  | 21.6 32.4#  |
| 120         | 22.3  | 16.1 24.1   |





#23

Nitrobenzene-d5

Concen: 104.166 ng

RT: 9.54 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

Instrument :

BNA\_M

ClientSampleId :

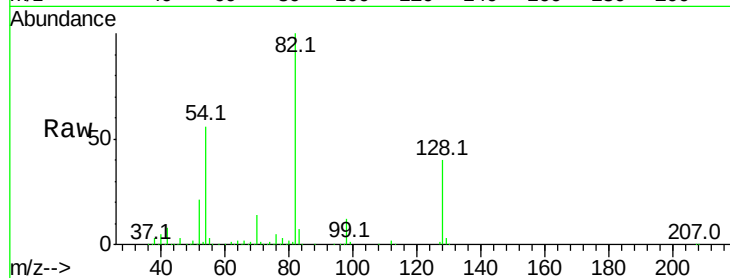
Tot Ion: 82 Resp: 1031170

Ion Ratio Lower Upper

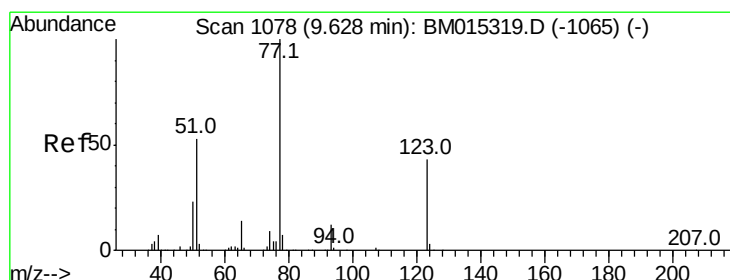
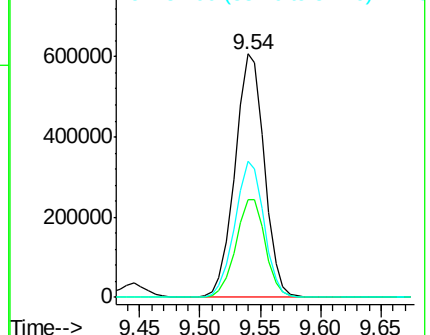
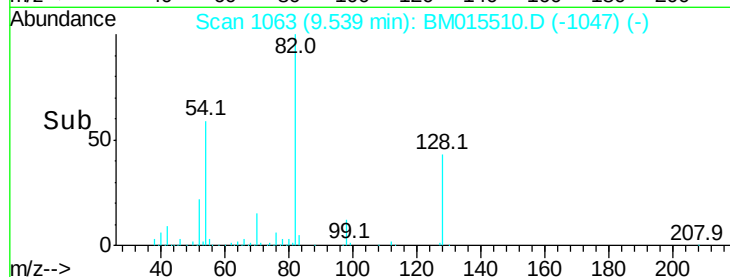
82 100

128 40.2 32.8 49.2

54 55.9 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM015510.D (-1047) (-)



#24

Nitrobenzene

Concen: 49.027 ng

RT: 9.58 min Scan# 1070

Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

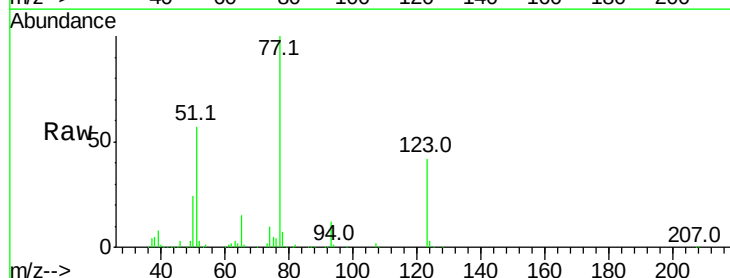
Tgt Ion: 77 Resp: 508792

Ion Ratio Lower Upper

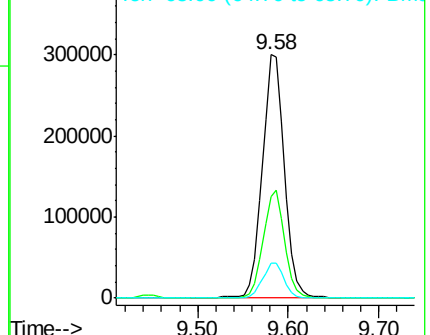
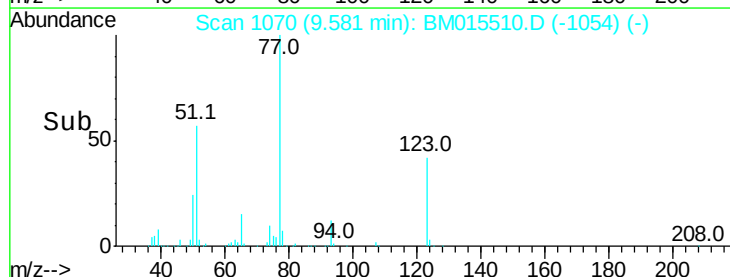
77 100

123 41.7 32.6 49.0

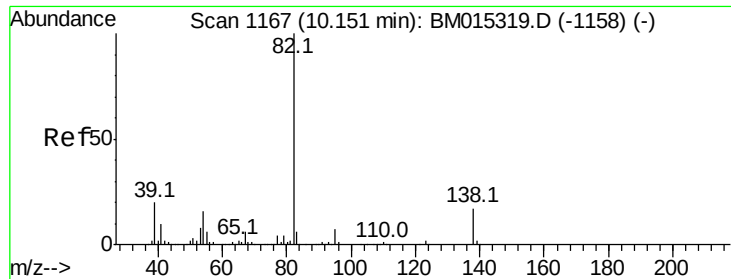
65 14.6 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BM015510.D (-1054) (-)







#25

Isophorone

Concen: 42.823 ng

RT: 10.10 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

Instrument :

BNA\_M

ClientSampleId :

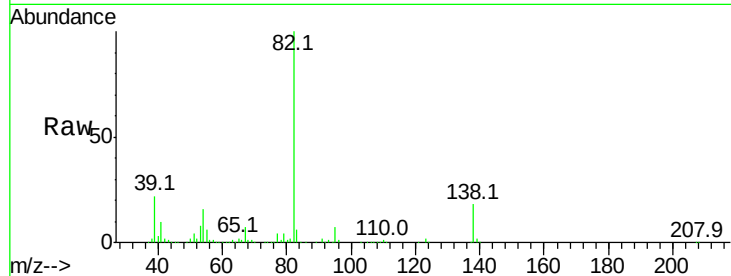
Tot Ion: 82 Resp: 854105

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.6

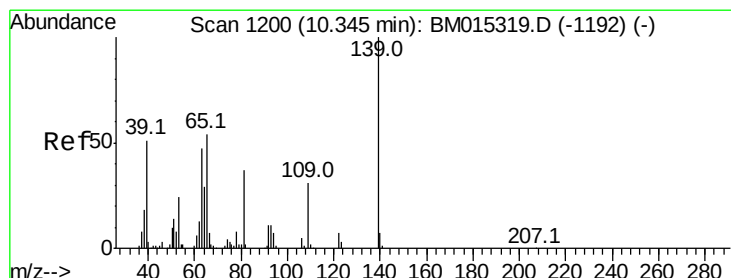
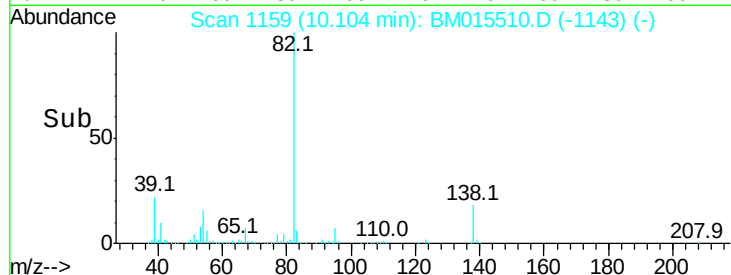
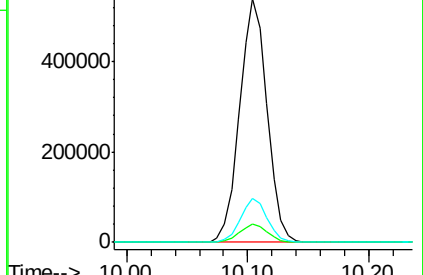
138 17.9 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BM015510.D (-1158) (-)

Ion 95.00 (94.70 to 95.70): BM015510.D (-1158) (-)

Ion 138.00 (137.70 to 138.70): BM015510.D (-1158) (-)



#26

2-Nitrophenol

Concen: 47.850 ng

RT: 10.30 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

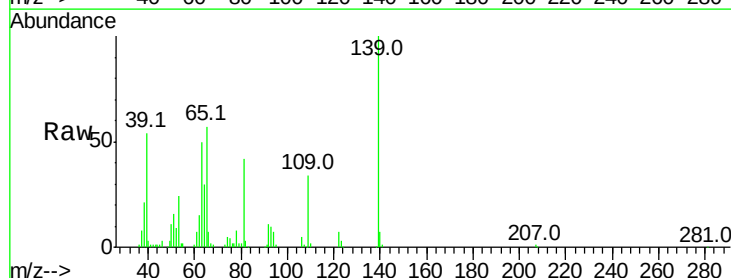
Tgt Ion: 139 Resp: 223937

Ion Ratio Lower Upper

139 100

109 33.9 20.1 30.1#

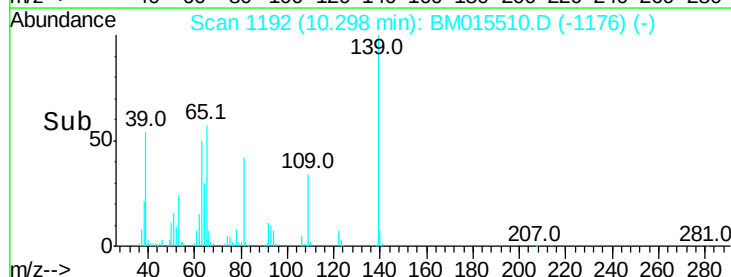
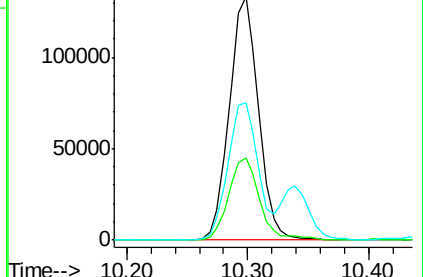
65 56.5 31.5 47.3#

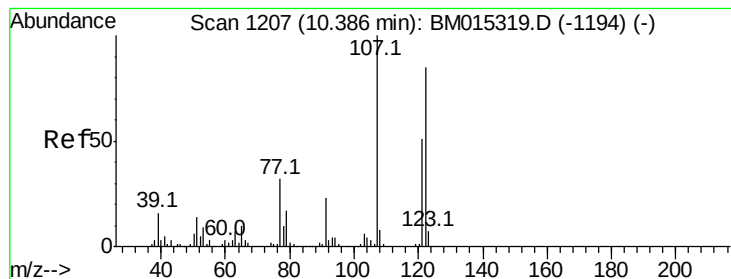


Abundance Ion 139.00 (138.70 to 139.70): BM015510.D (-1192) (-)

Ion 109.00 (108.70 to 109.70): BM015510.D (-1192) (-)

Ion 65.00 (64.70 to 65.70): BM015510.D (-1192) (-)





#27

2,4-Dimethylphenol

Concen: 45.005 ng

RT: 10.34 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

Instrument :

BNA\_M

ClientSampleId :

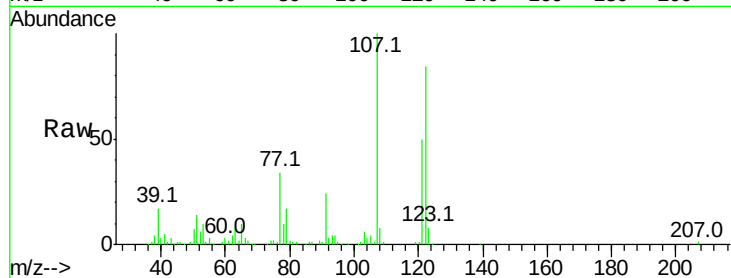
Tot Ion:122 Resp: 395192

Ion Ratio Lower Upper

122 100

107 118.4 84.7 127.1

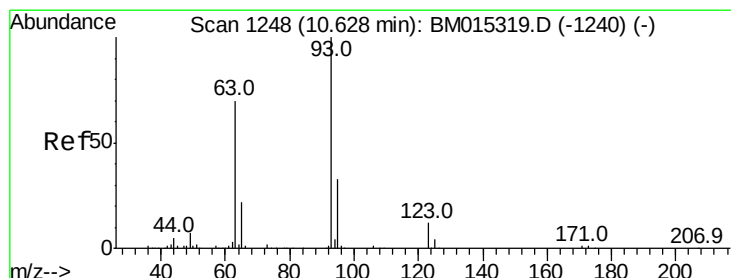
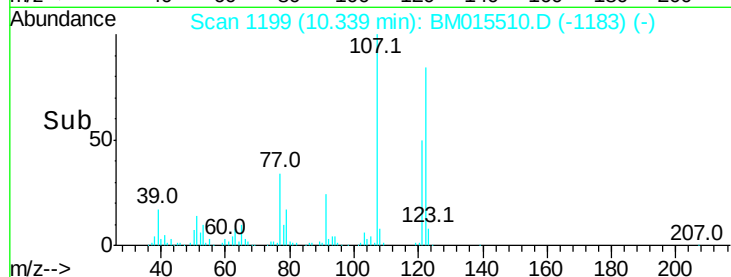
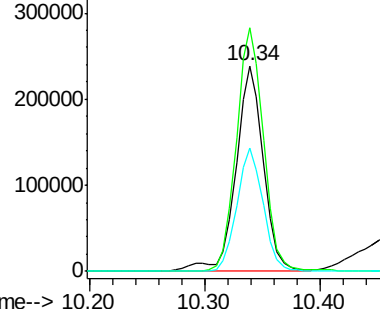
121 59.7 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.633 ng

RT: 10.58 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

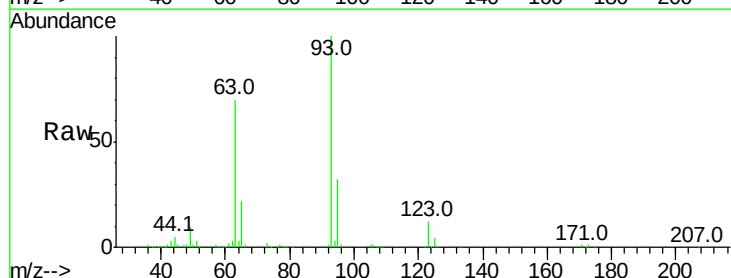
Tgt Ion: 93 Resp: 523290

Ion Ratio Lower Upper

93 100

95 31.6 25.5 38.3

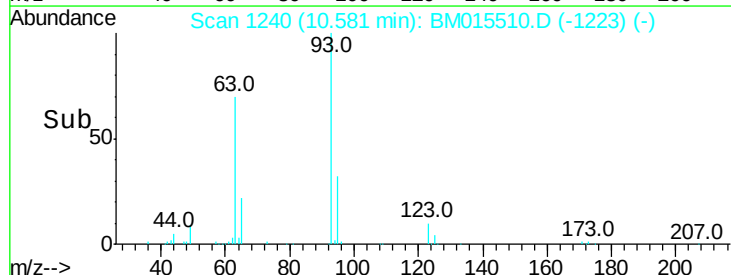
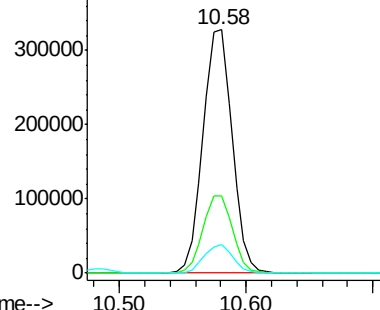
123 11.6 8.6 13.0

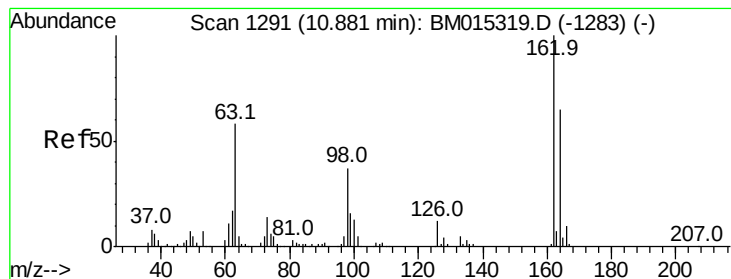


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 46.909 ng

RT: 10.83 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

Instrument :

BNA\_M

ClientSampleId :

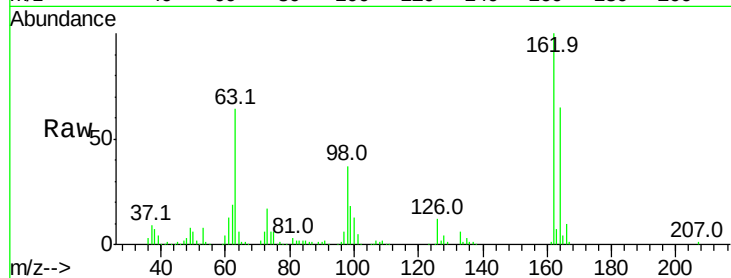
Tot Ion:162 Resp: 383922

Ion Ratio Lower Upper

162 100

164 65.5 42.8 82.8

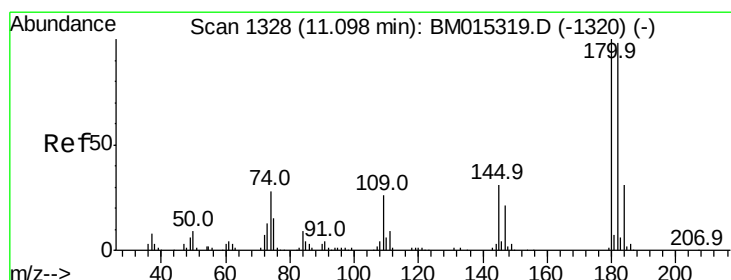
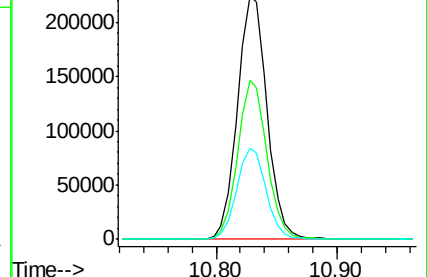
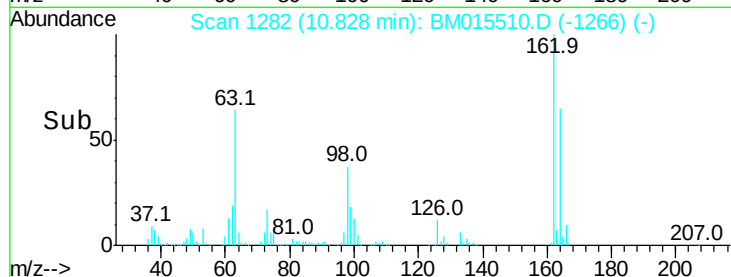
98 37.4 14.5 54.5



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



#30

1,2,4-Trichlorobenzene

Concen: 48.692 ng

RT: 11.05 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

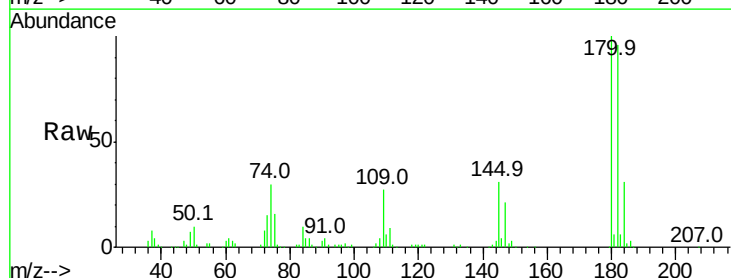
Tgt Ion:180 Resp: 428016

Ion Ratio Lower Upper

180 100

182 96.3 77.6 116.4

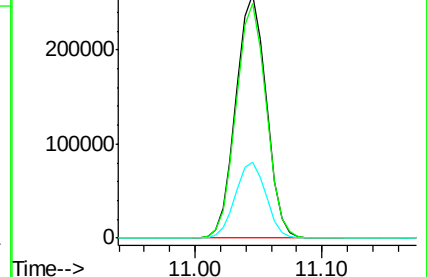
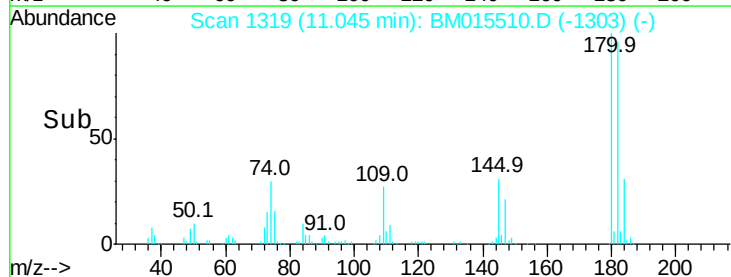
145 31.1 23.4 35.2

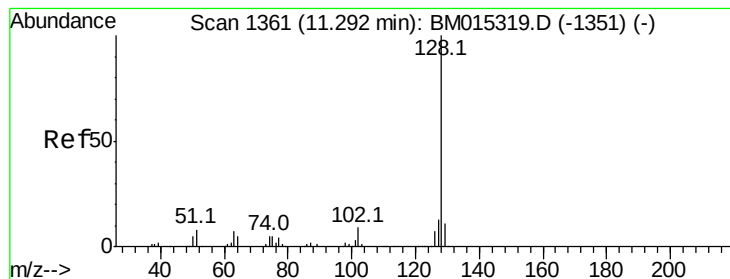


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

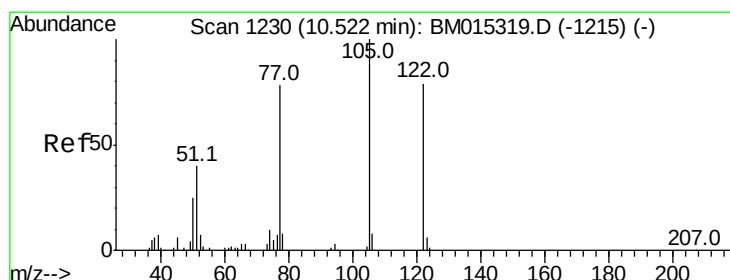
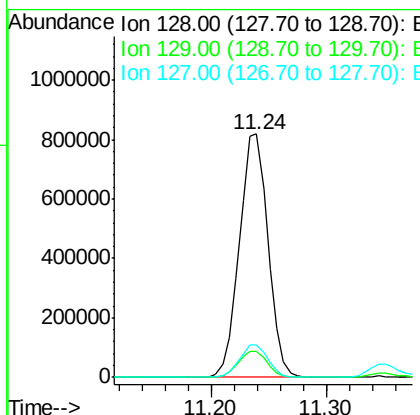
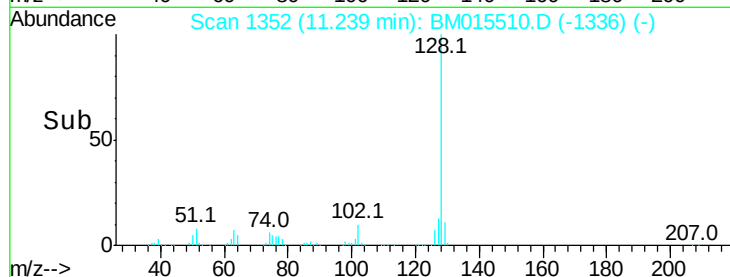
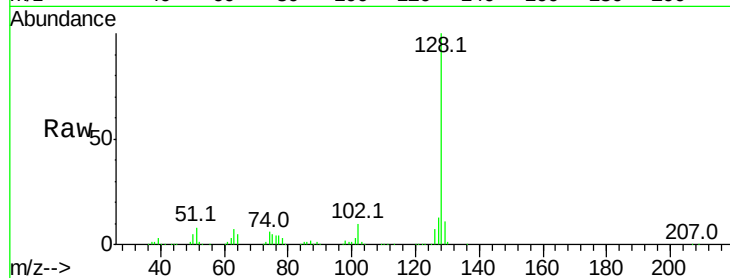




#31  
Naphthalene  
Concen: 50.515 ng  
RT: 11.24 min Scan# 1352  
Delta R.T. -0.01 min  
Lab File: BM015510.D  
Acq: 07 Jun 2018 04:41

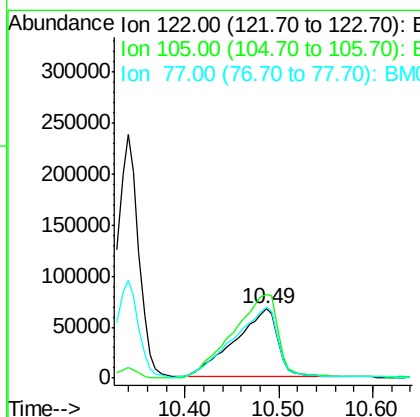
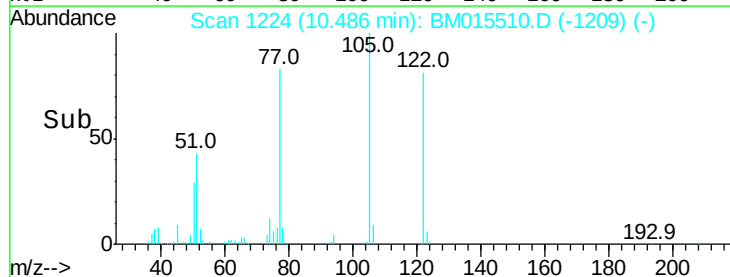
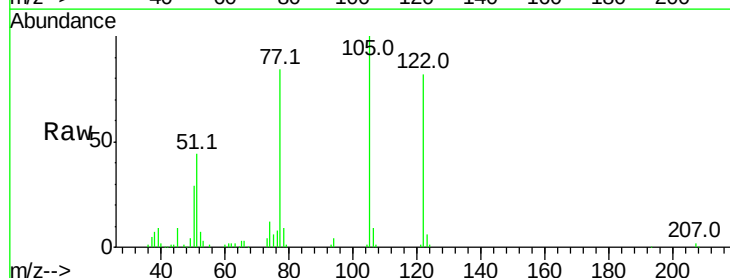
Instrument :  
BNA\_M  
ClientSampleId :

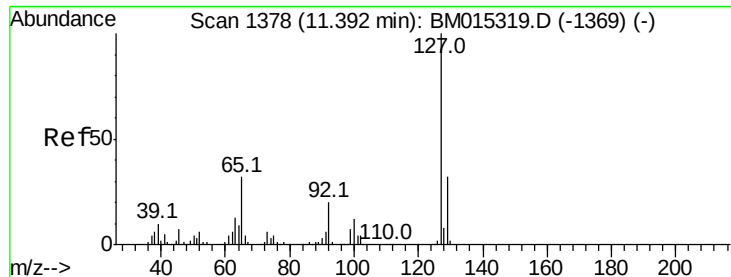
Tot Ion:128 Resp: 1409699  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.9 13.3  
127 13.3 10.4 15.6



#32  
Benzoic acid  
Concen: 33.839 ng  
RT: 10.49 min Scan# 1224  
Delta R.T. -0.01 min  
Lab File: BM015510.D  
Acq: 07 Jun 2018 04:41

Tgt Ion:122 Resp: 210684  
Ion Ratio Lower Upper  
122 100  
105 121.5 99.9 139.9  
77 102.4 73.7 113.7

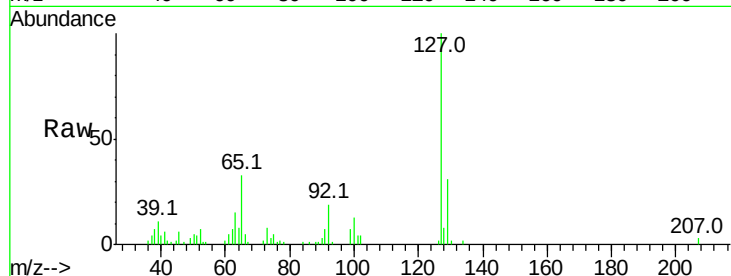




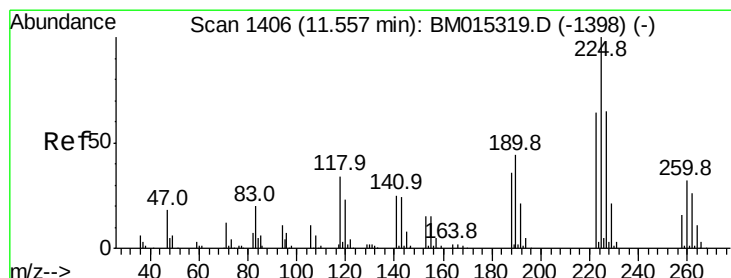
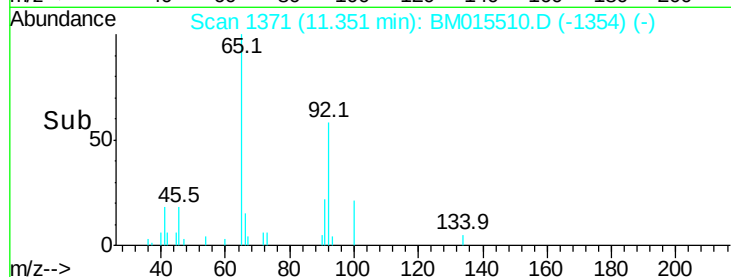
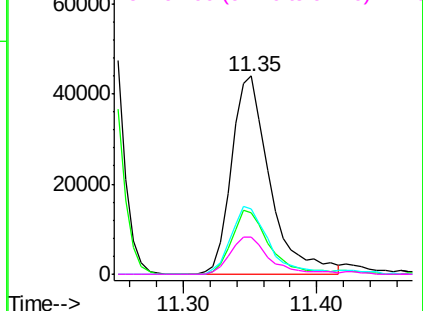
#33  
4-Chloroaniline  
Concen: 7.118 ng  
RT: 11.35 min Scan# 1371  
Delta R.T. 0.00 min  
Lab File: BM015510.D  
Acq: 07 Jun 2018 04:41

Instrument :  
BNA\_M  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 88142 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 30.9  | 25.3  | 37.9  |
| 65       | 32.8  | 17.6  | 26.4  |
| 92       | 19.1  | 13.1  | 19.7  |

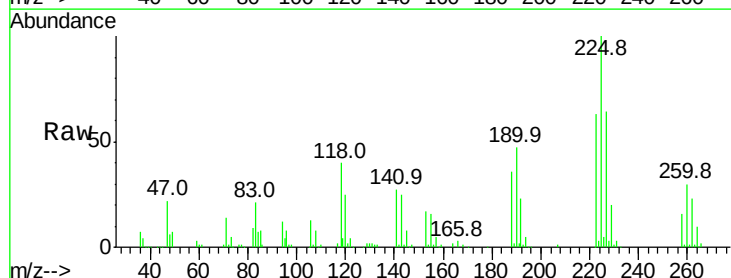


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BM0  
Ion 92.00 (91.70 to 92.70): BM0

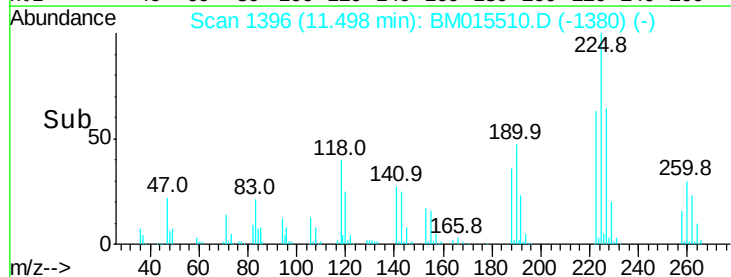
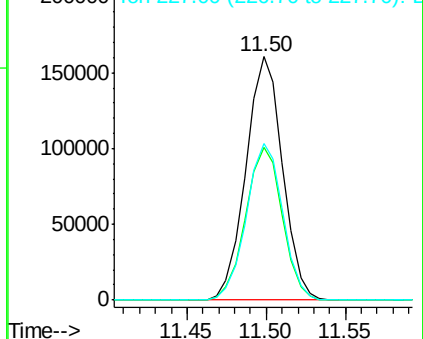


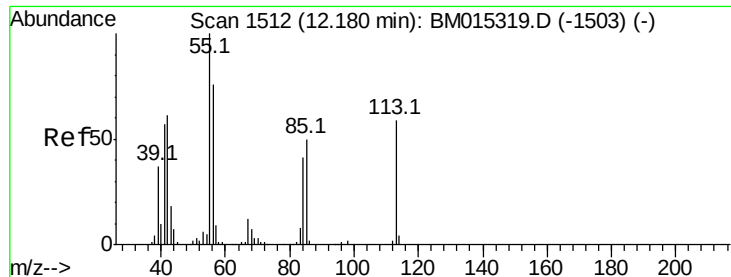
#34  
Hexachlorobutadiene  
Concen: 50.441 ng  
RT: 11.50 min Scan# 1396  
Delta R.T. -0.01 min  
Lab File: BM015510.D  
Acq: 07 Jun 2018 04:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 257629 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.0  | 47.9  | 71.9   |
| 227      | 64.1  | 50.1  | 75.1   |



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





#35

Caprolactam

Concen: 27.935 ng

RT: 12.13 min Scan# 1504

Delta R.T. -0.02 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

Instrument :

BNA\_M

ClientSampleId :

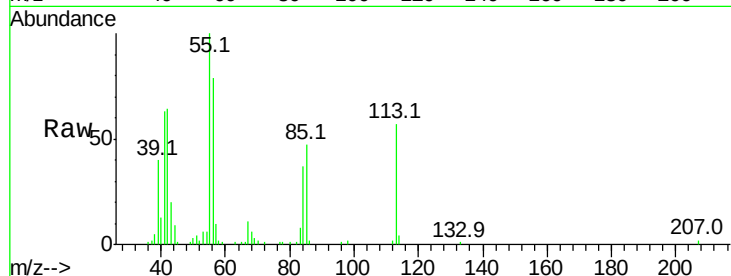
Tot Ion:113 Resp: 87658

Ion Ratio Lower Upper

113 100

55 176.0 145.9 185.9

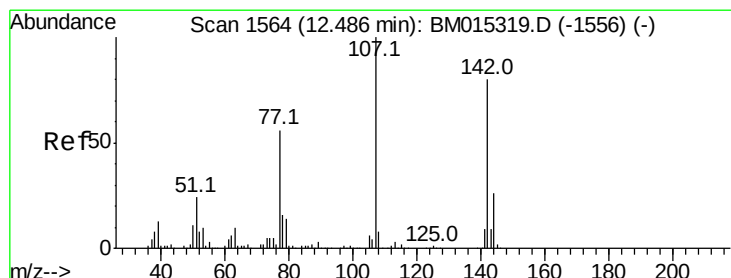
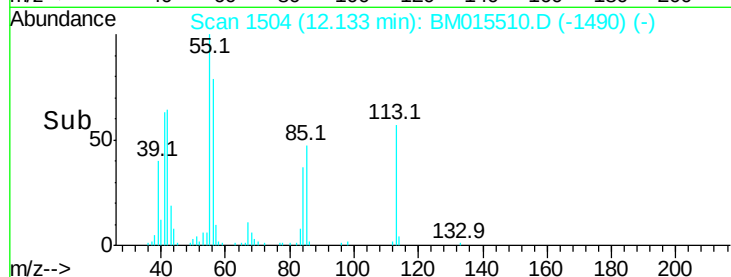
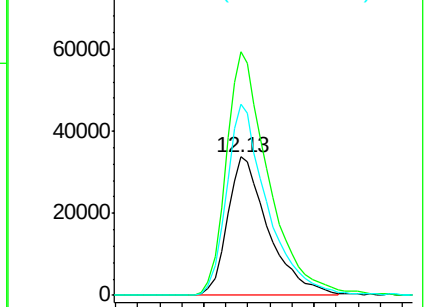
56 138.5 101.0 141.0



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



#36

4-Chloro-3-methylphenol

Concen: 40.113 ng

RT: 12.45 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

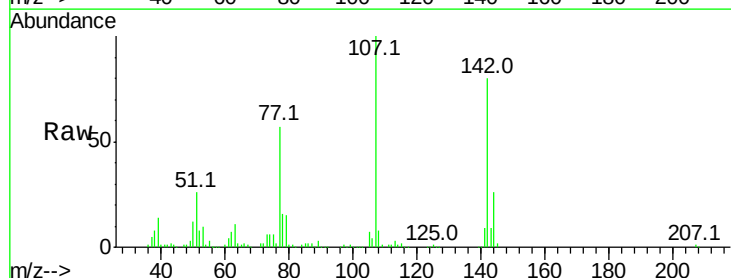
Tgt Ion:107 Resp: 390303

Ion Ratio Lower Upper

107 100

144 26.3 23.3 34.9

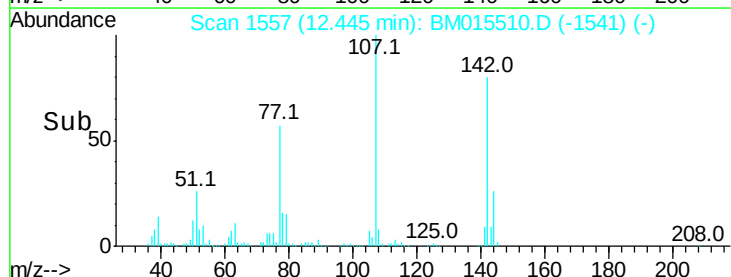
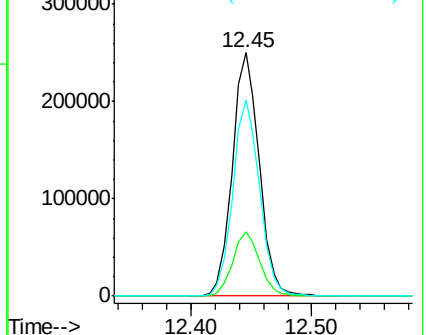
142 80.4 72.6 109.0

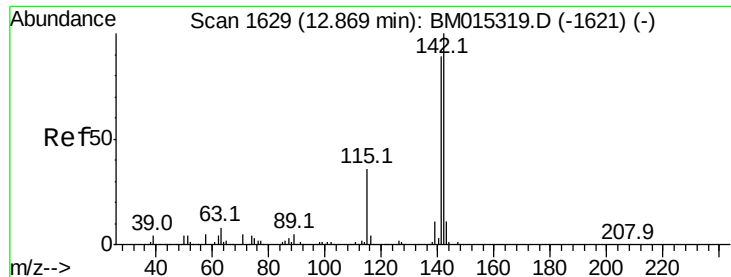


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

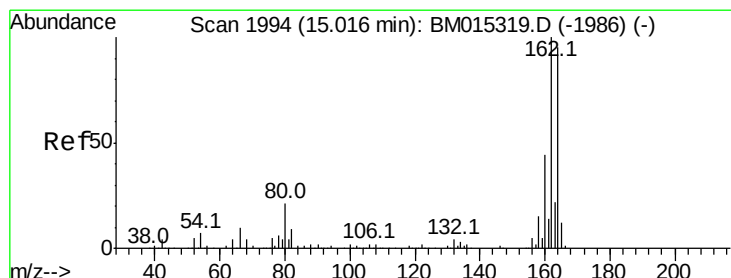
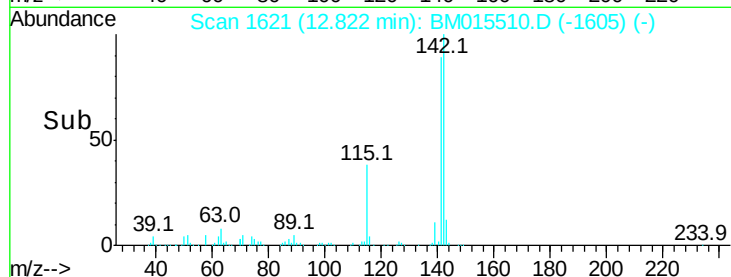
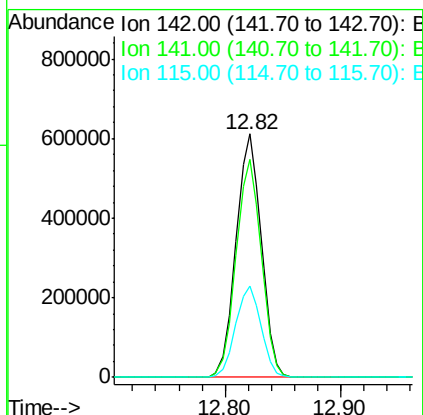
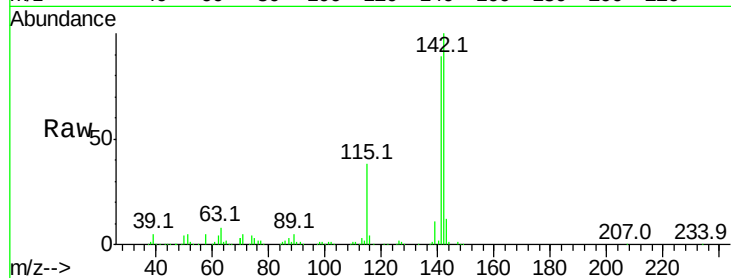




#37  
2-Methylnaphthalene  
Concen: 44.261 ng  
RT: 12.82 min Scan# 1621  
Delta R.T. -0.01 min  
Lab File: BM015510.D  
Acq: 07 Jun 2018 04:41

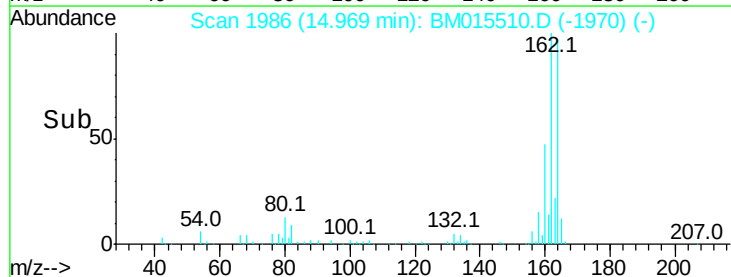
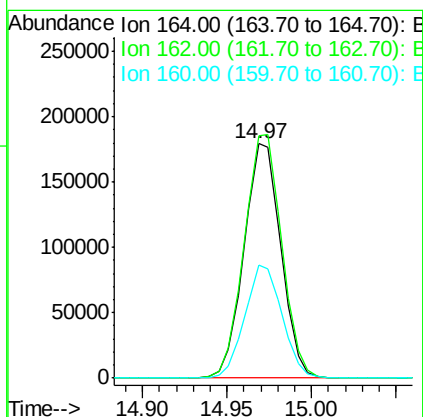
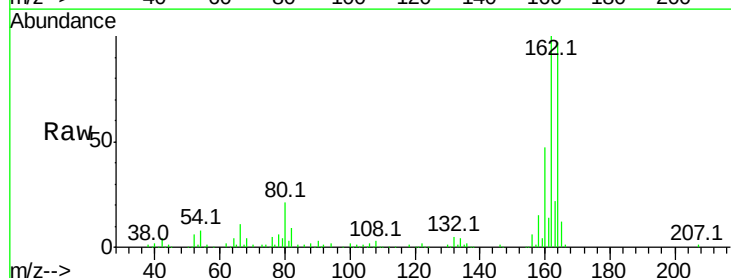
Instrument :  
BNA\_M  
ClientSampleId :

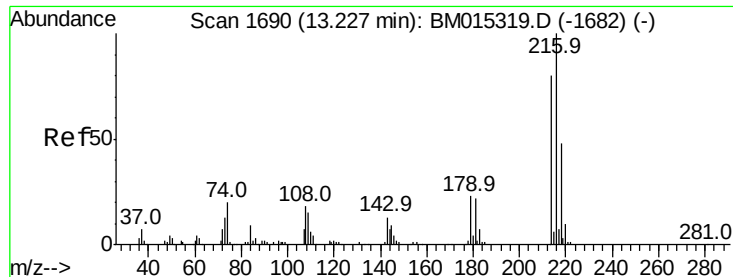
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.4  | 71.9  | 107.9 |
| 115     | 37.6  | 25.4  | 38.0  |



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.97 min Scan# 1986  
Delta R.T. -0.01 min  
Lab File: BM015510.D  
Acq: 07 Jun 2018 04:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.3 | 82.4  | 123.6 |
| 160     | 48.3  | 35.8  | 53.6  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 52.402 ng

RT: 13.18 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

Instrument :

BNA\_M

ClientSampled :

Tot Ion:216 Resp: 440262

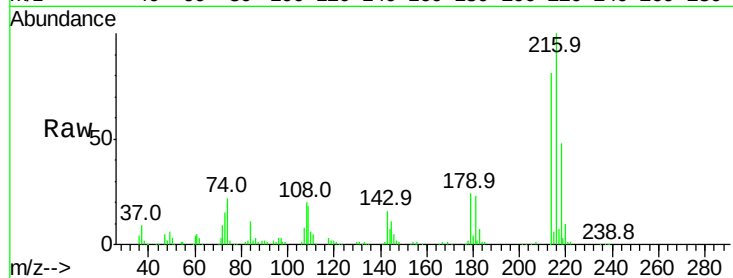
Ion Ratio Lower Upper

216 100

214 79.4 0.0 0.0#

179 22.9 0.0 0.0#

108 23.6 0.0 0.0#

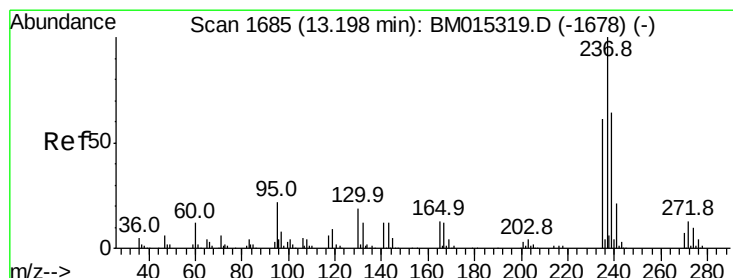
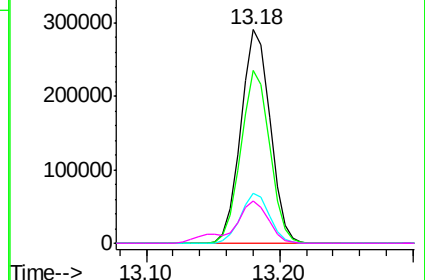
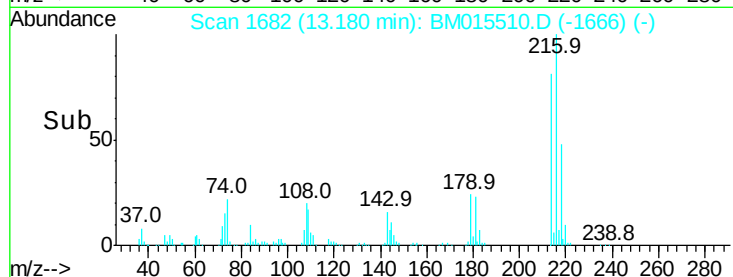


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 86.315 ng

RT: 13.15 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

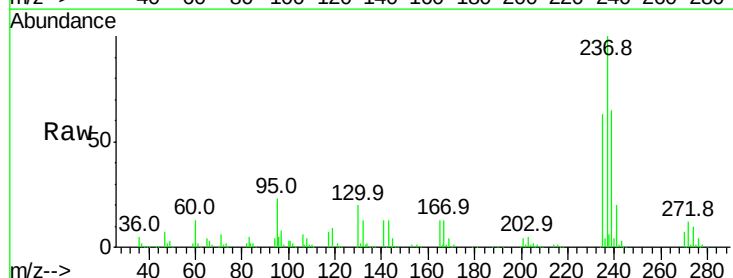
Tgt Ion:237 Resp: 419592

Ion Ratio Lower Upper

237 100

235 62.9 42.0 82.0

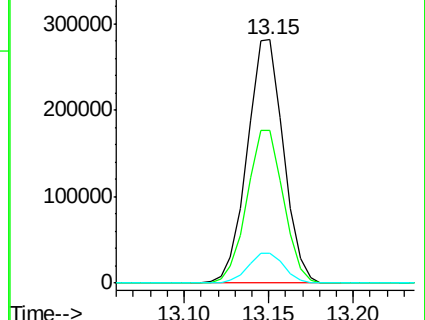
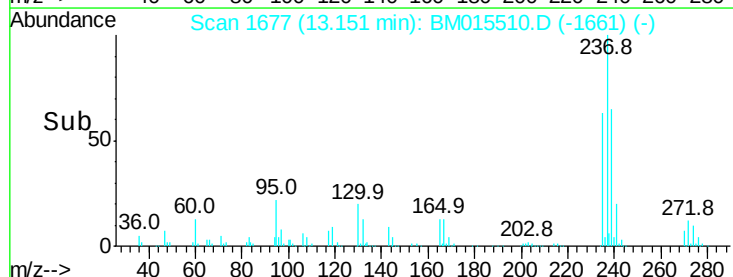
272 12.4 0.0 33.4



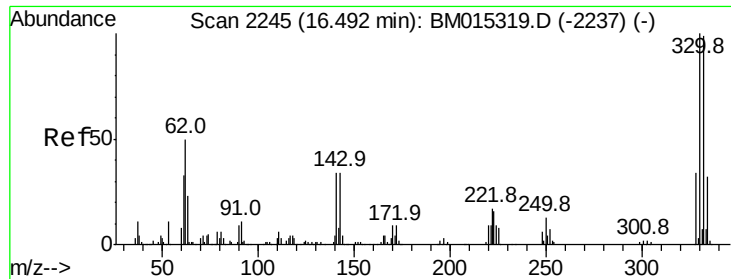
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



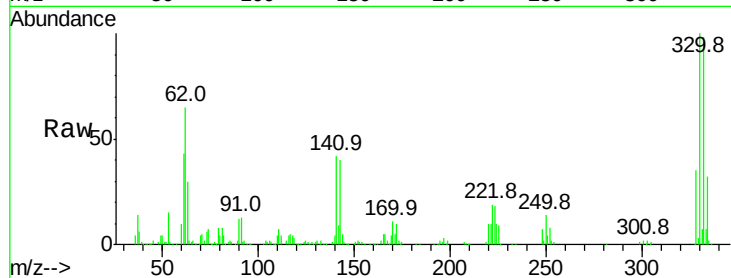




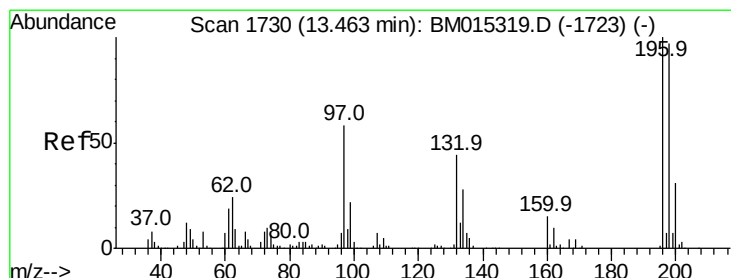
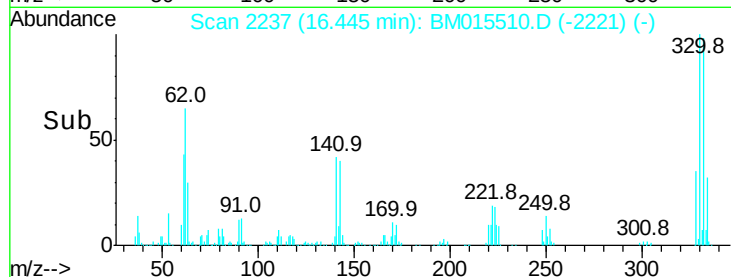
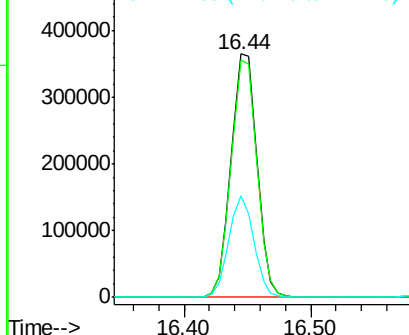
#41  
 2,4,6-Tribromophenol  
 Concen: 132.213 ng  
 RT: 16.44 min Scan# 2237  
 Delta R.T. -0.01 min  
 Lab File: BM015510.D  
 Acq: 07 Jun 2018 04:41

Instrument :  
 BNA\_M  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.0  | 0.0   | 0.0#  |
| 141     | 40.1  | 0.0   | 0.0#  |

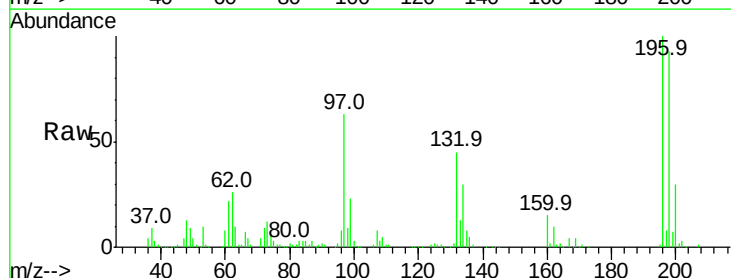


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

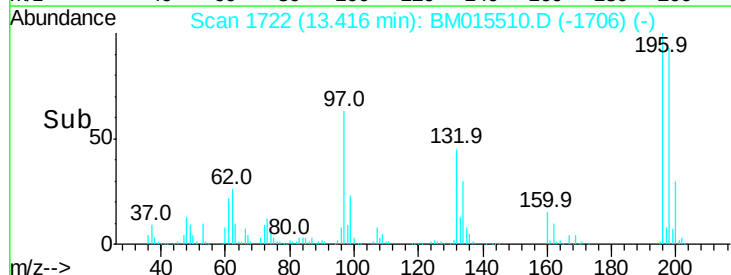
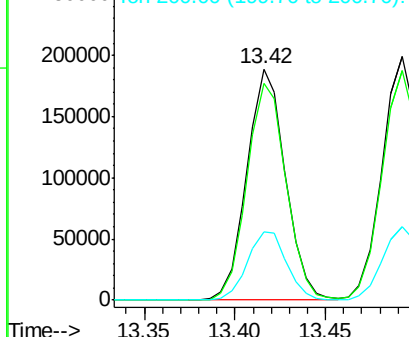


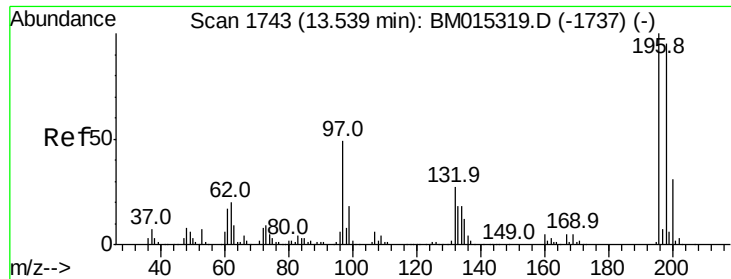
#42  
 2,4,6-Trichlorophenol  
 Concen: 48.883 ng  
 RT: 13.42 min Scan# 1722  
 Delta R.T. -0.01 min  
 Lab File: BM015510.D  
 Acq: 07 Jun 2018 04:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 93.5  | 76.3  | 114.5 |
| 200     | 29.5  | 25.6  | 38.4  |



Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

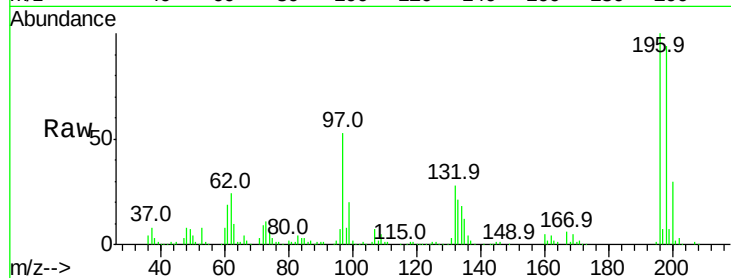




#43  
 2,4,5-Trichlorophenol  
 Concen: 47.588 ng  
 RT: 13.49 min Scan# 1735  
 Delta R.T. -0.01 min  
 Lab File: BM015510.D  
 Acq: 07 Jun 2018 04:41

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.2  | 79.4  | 119.0 |
| 97      | 53.2  | 26.8  | 40.2  |
| 132     | 28.3  | 18.6  | 28.0  |



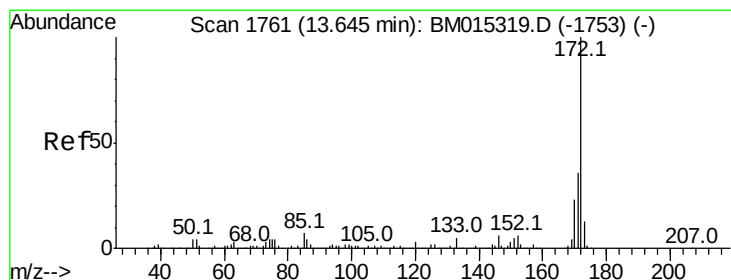
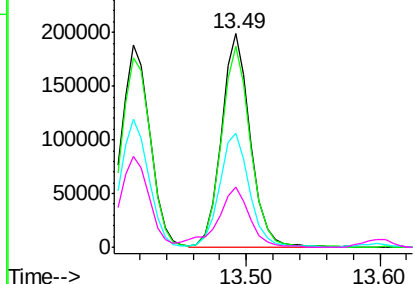
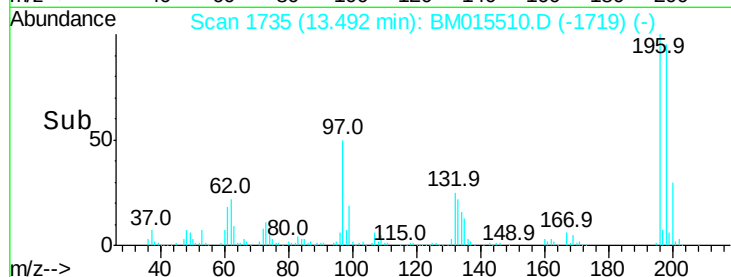
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

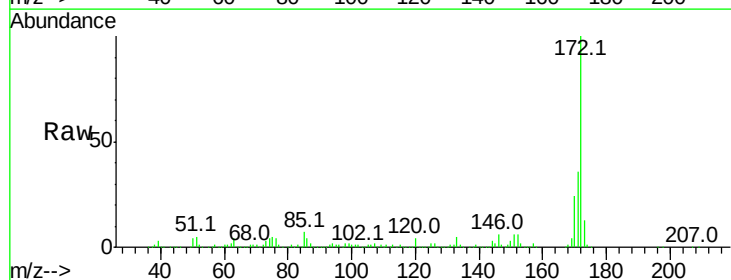
Ion 97.00 (96.70 to 97.70): B

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 99.103 ng  
 RT: 13.60 min Scan# 1753  
 Delta R.T. -0.01 min  
 Lab File: BM015510.D  
 Acq: 07 Jun 2018 04:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.7  | 28.5  | 42.7  |
| 170     | 23.8  | 18.8  | 28.2  |

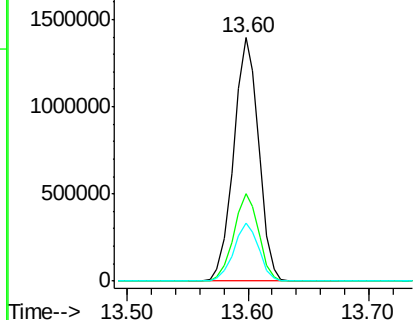
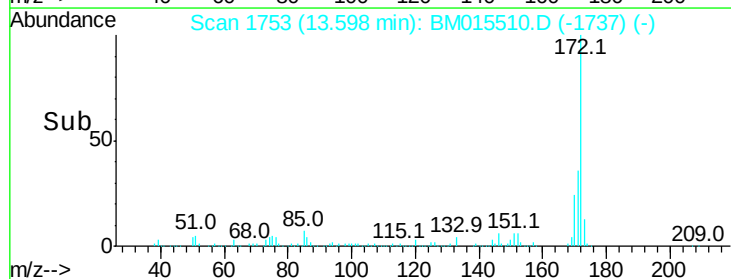


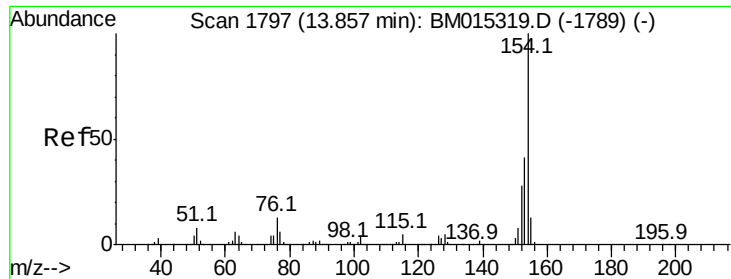
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



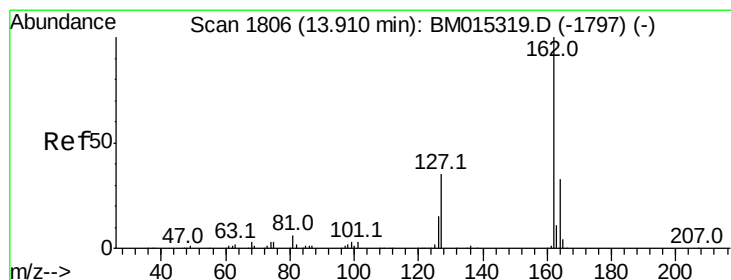
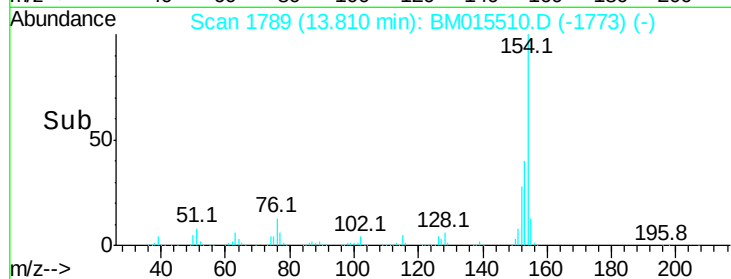
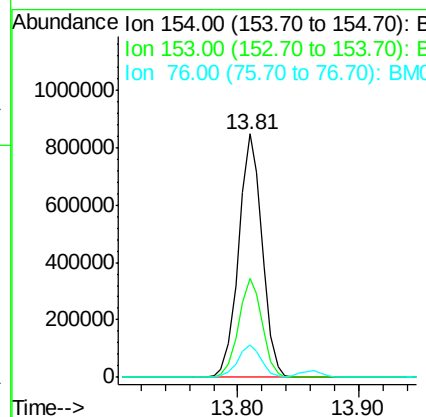
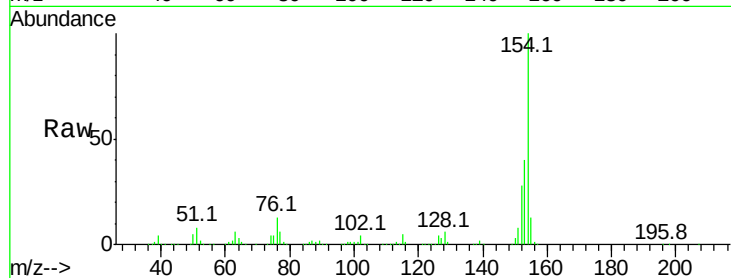


#45  
 1,1'-Biphenyl  
 Concen: 51.071 ng  
 RT: 13.81 min Scan# 1789  
 Delta R.T. -0.01 min  
 Lab File: BM015510.D  
 Acq: 07 Jun 2018 04:41

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:154 Resp: 1150271  

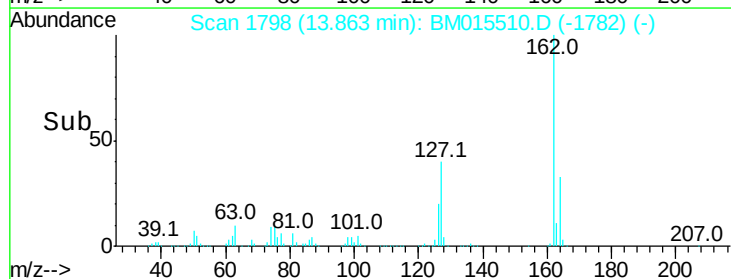
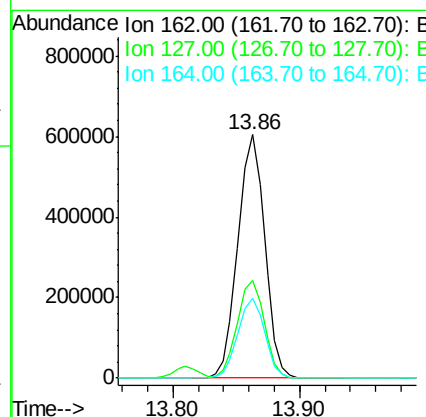
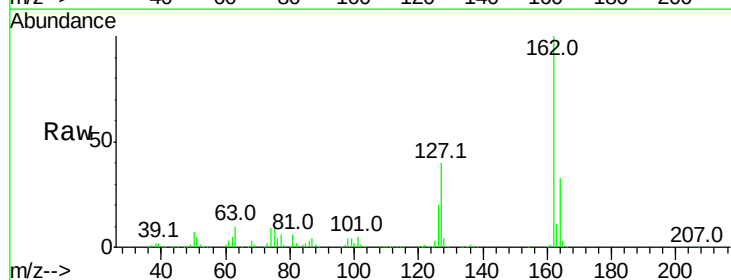
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 40.5  | 20.7  | 60.7  |
| 76  | 13.2  | 0.0   | 30.9  |

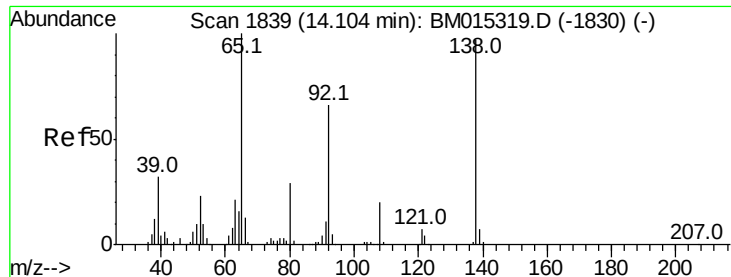


#46  
 2-Chloronaphthalene  
 Concen: 51.282 ng  
 RT: 13.86 min Scan# 1798  
 Delta R.T. -0.01 min  
 Lab File: BM015510.D  
 Acq: 07 Jun 2018 04:41

Tgt Ion:162 Resp: 885555  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 127 | 40.2  | 26.9  | 40.3  |
| 164 | 32.8  | 26.8  | 40.2  |





#47

2-Nitroaniline

Concen: 48.957 ng

RT: 14.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

Instrument :

BNA\_M

ClientSampled :

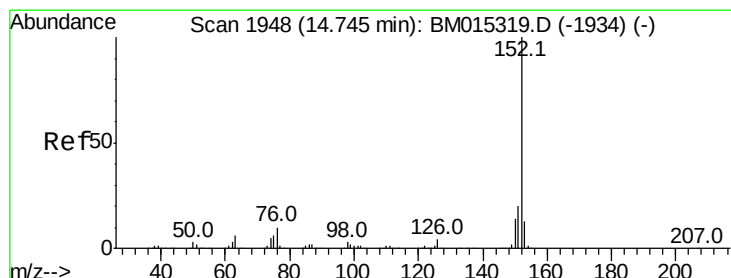
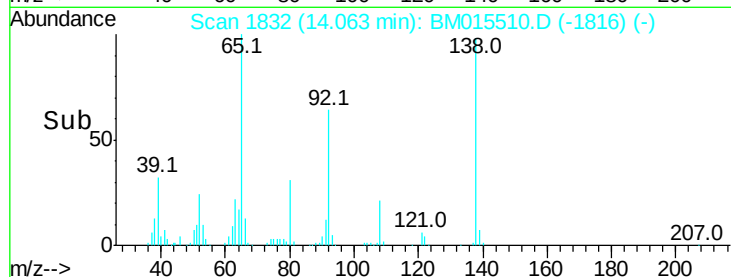
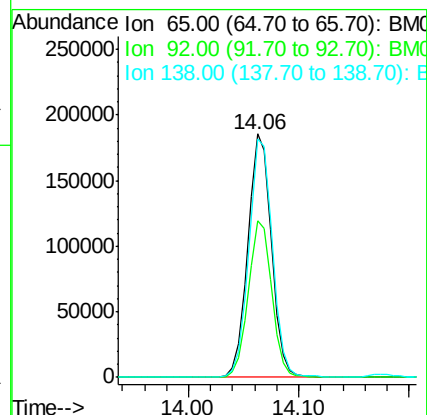
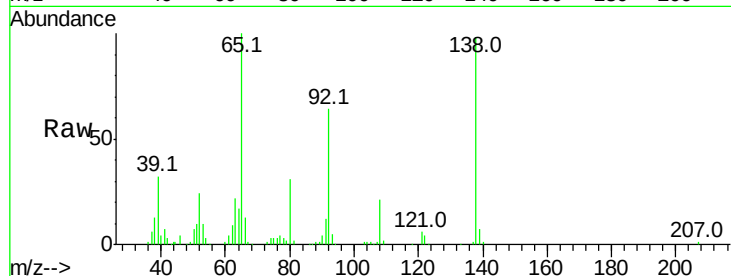
Tot Ion: 65 Resp: 279396

Ion Ratio Lower Upper

65 100

92 64.1 59.1 88.7

138 97.7 93.9 140.9



#48

Acenaphthylene

Concen: 50.946 ng

RT: 14.70 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

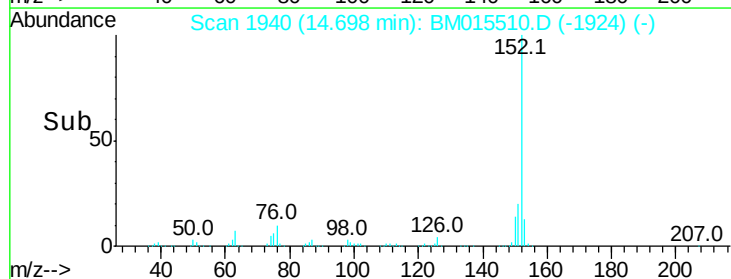
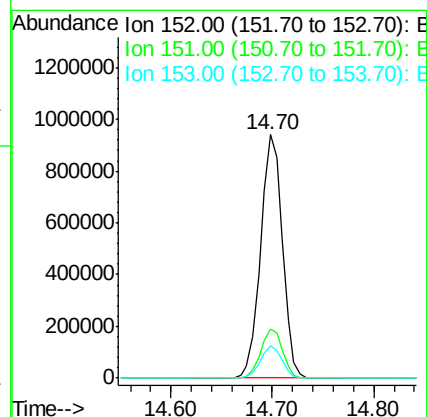
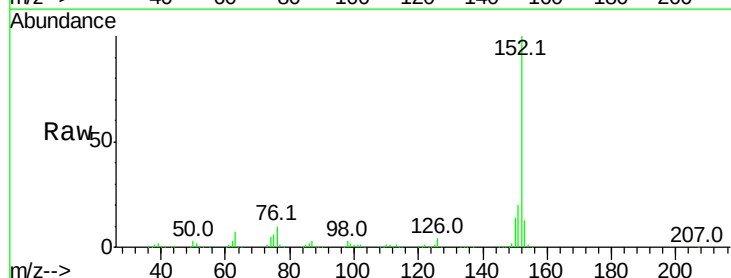
Tgt Ion: 152 Resp: 1410651

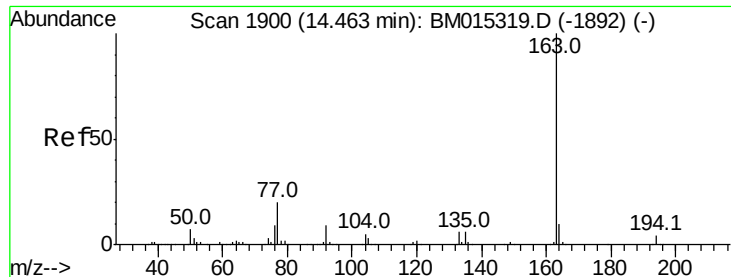
Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 13.3 10.6 16.0





#49

Dimethylphthalate

Concen: 45.424 ng

RT: 14.42 min Scan# 1892

Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

Instrument :

BNA\_M

ClientSampleId :

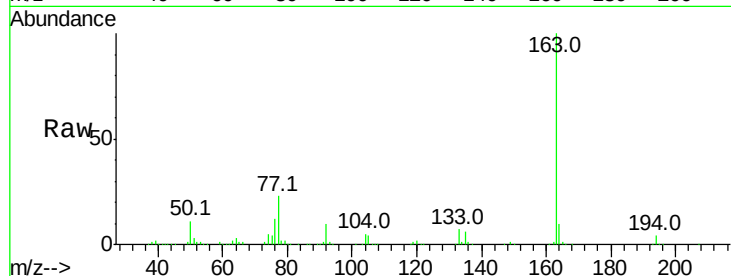
Tot Ion:163 Resp: 1062824

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

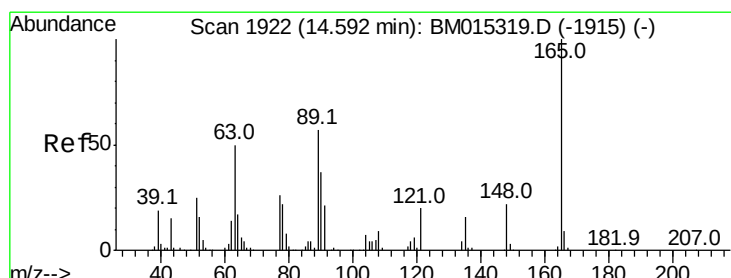
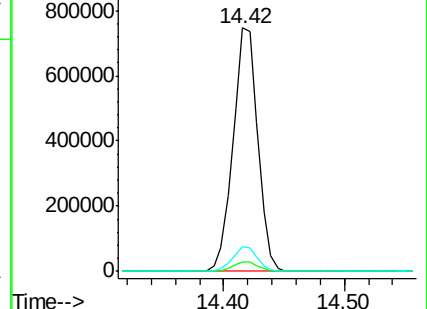
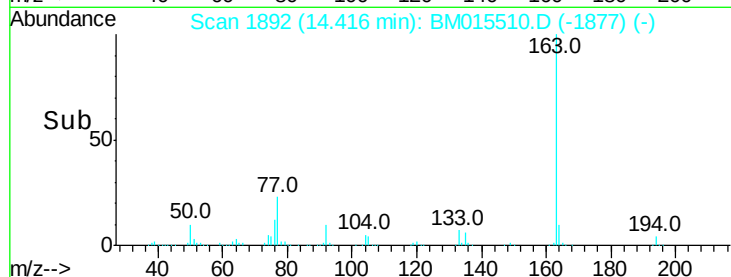
164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.648 ng

RT: 14.55 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

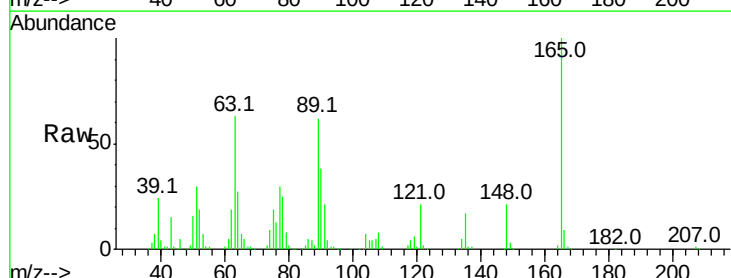
Tgt Ion:165 Resp: 232058

Ion Ratio Lower Upper

165 100

63 63.4 44.1 66.1

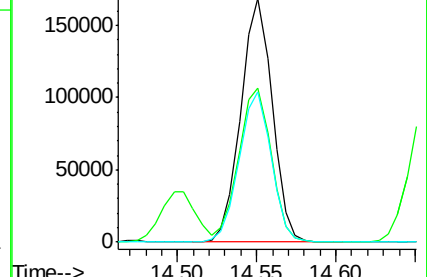
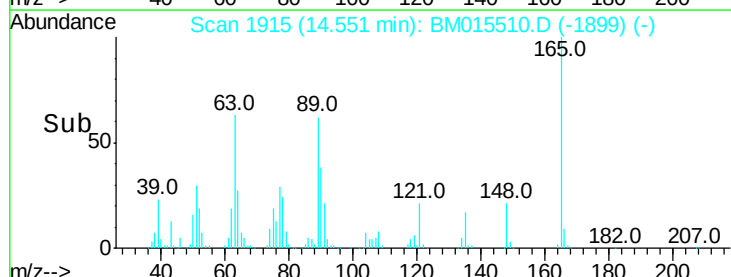
89 61.8 44.3 66.5

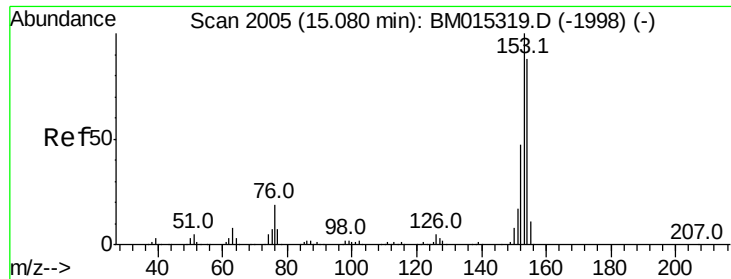


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 48.783 ng

RT: 15.03 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

Instrument :

BNA\_M

ClientSampleId :

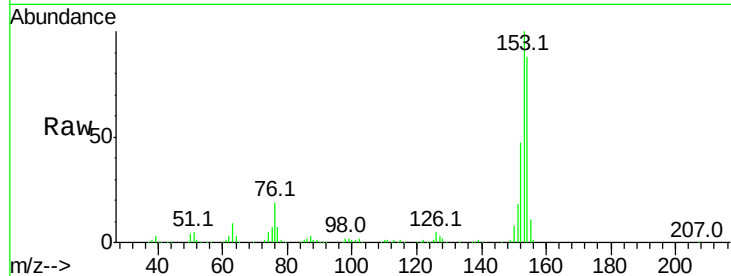
Tot Ion:154 Resp: 823899

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 113.7 | 90.0  | 135.0 |
| 152 | 53.6  | 42.6  | 63.8  |

154 100

153 113.7 90.0 135.0

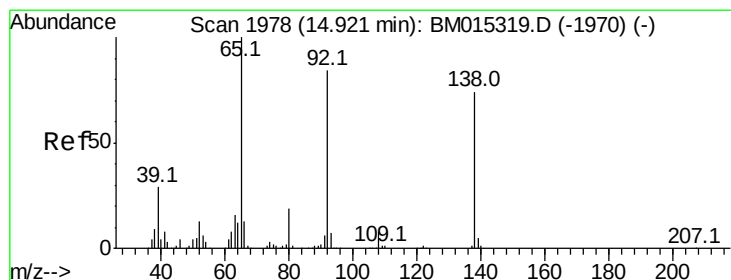
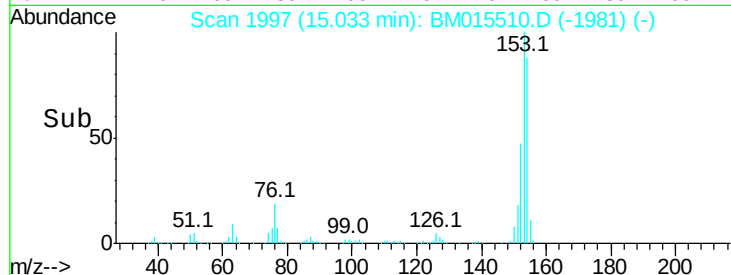
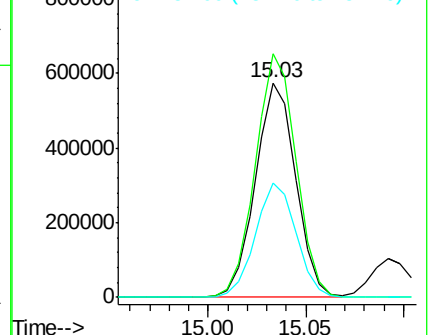
152 53.6 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.937 ng

RT: 14.88 min Scan# 1971

Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

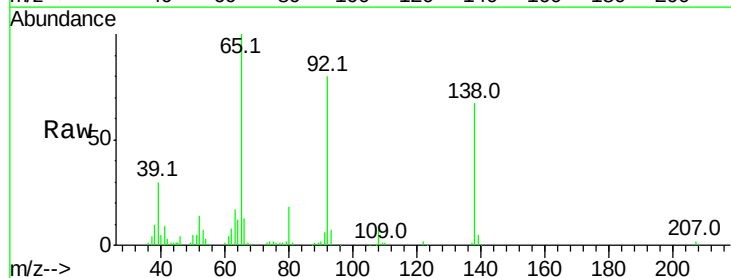
Tgt Ion:138 Resp: 94759

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 138 | 100   |       |       |
| 108 | 10.4  | 7.3   | 10.9  |
| 92  | 119.4 | 76.6  | 114.8 |

138 100

108 10.4 7.3 10.9

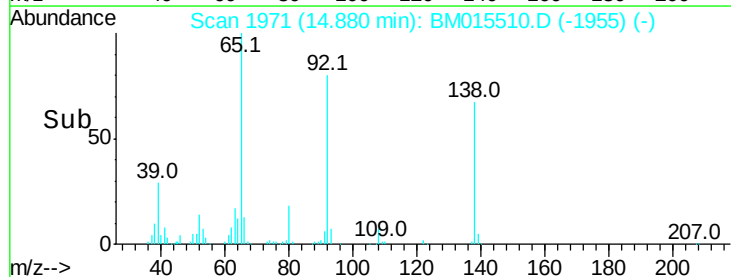
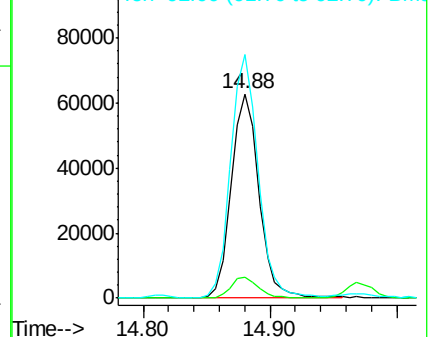
92 119.4 76.6 114.8

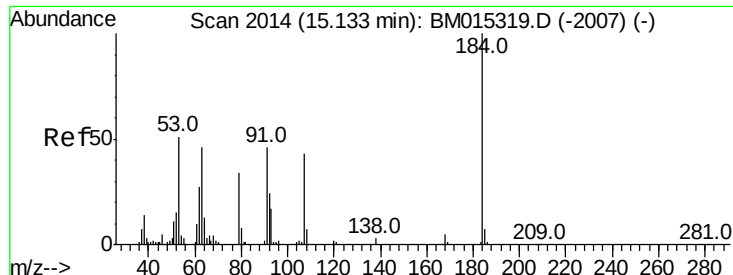


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

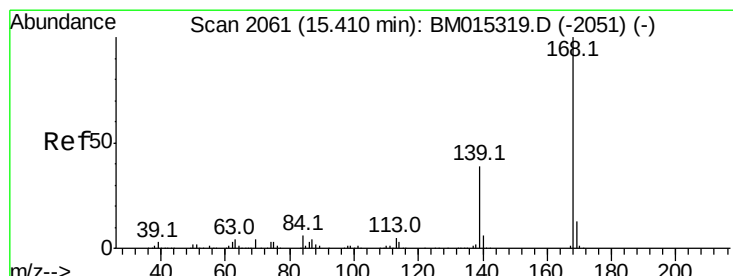
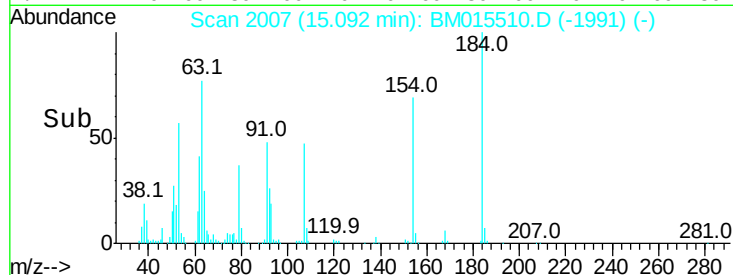
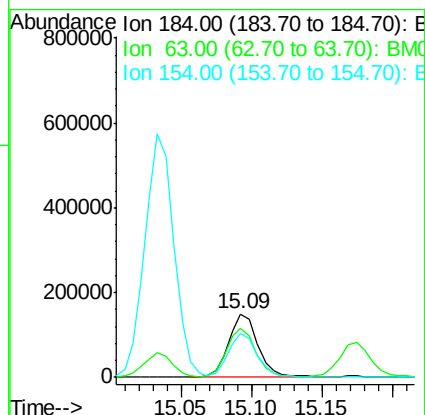
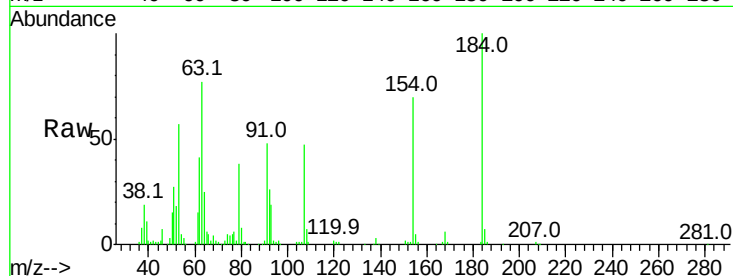




#53  
2,4-Dinitrophenol  
Concen: 69.419 ng  
RT: 15.09 min Scan# 2007  
Delta R.T. -0.01 min  
Lab File: BM015510.D  
Acq: 07 Jun 2018 04:41

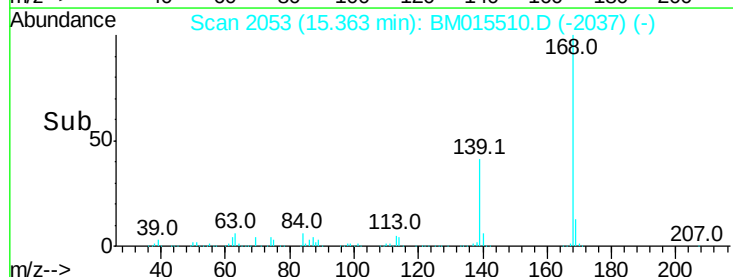
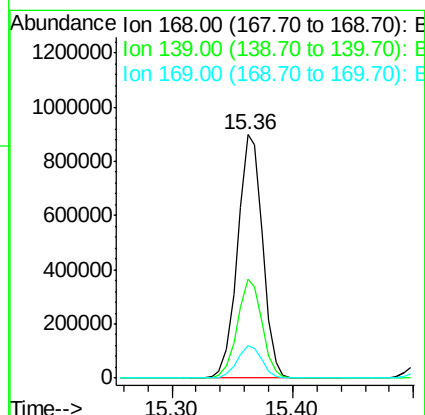
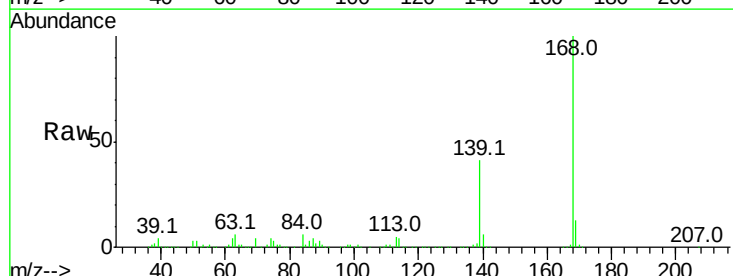
Instrument :  
BNA\_M  
ClientSampleId :

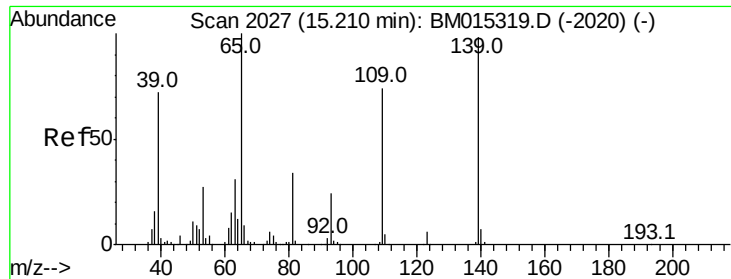
Tot Ion:184 Resp: 217577  
Ion Ratio Lower Upper  
184 100  
63 77.4 69.2 103.8  
154 69.7 53.3 79.9



#54  
Dibenzofuran  
Concen: 47.597 ng  
RT: 15.36 min Scan# 2053  
Delta R.T. -0.01 min  
Lab File: BM015510.D  
Acq: 07 Jun 2018 04:41

Tgt Ion:168 Resp: 1293951  
Ion Ratio Lower Upper  
168 100  
139 40.8 27.3 40.9  
169 13.5 10.6 16.0

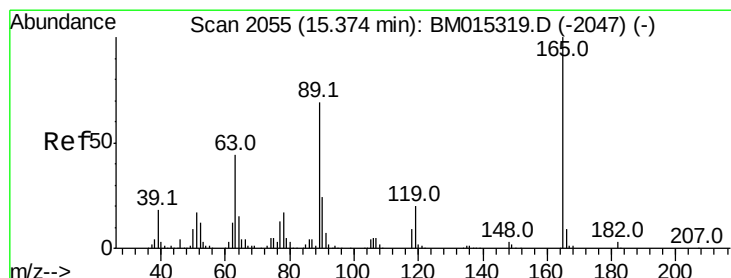
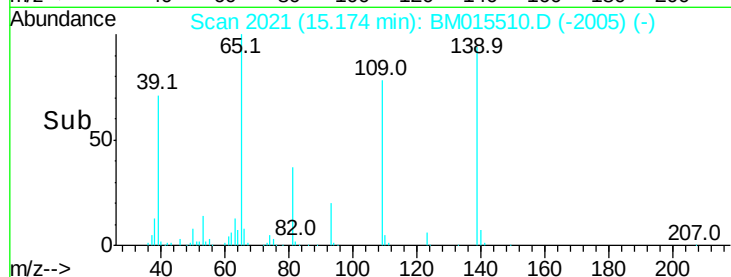
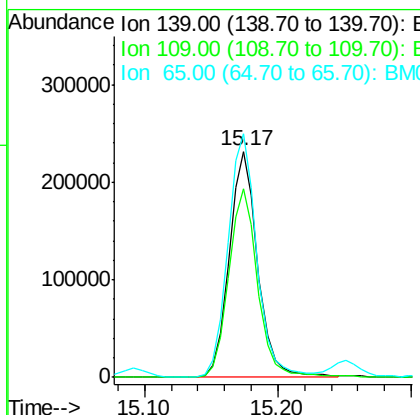
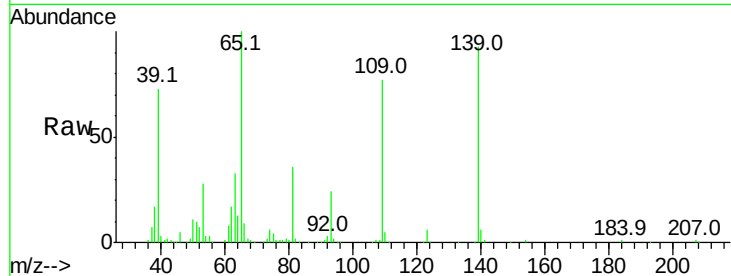




#55  
4-Nitrophenol  
Concen: 74.013 ng  
RT: 15.17 min Scan# 2021  
Delta R.T. -0.01 min  
Lab File: BM015510.D  
Acq: 07 Jun 2018 04:41

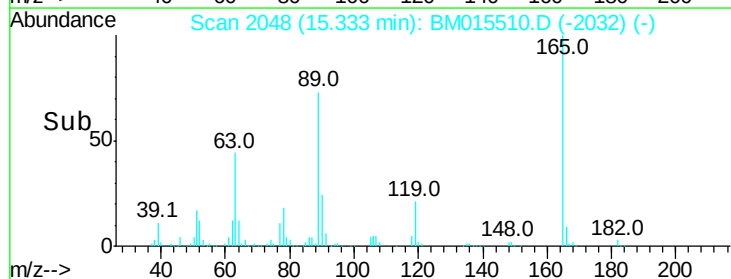
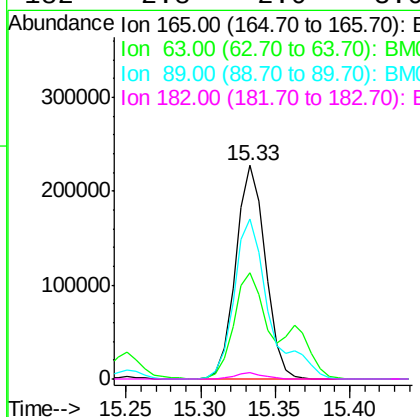
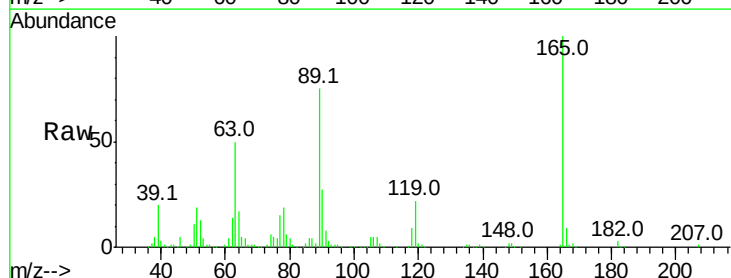
Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:139 Resp: 345352  
Ion Ratio Lower Upper  
139 100  
109 83.2 130.0 170.0#  
65 107.8 130.0 170.0#

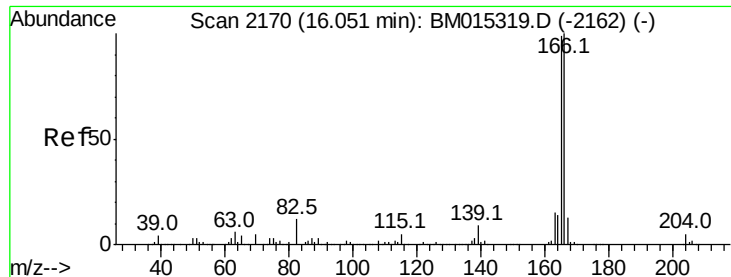


#56  
2,4-Dinitrotoluene  
Concen: 45.554 ng  
RT: 15.33 min Scan# 2048  
Delta R.T. -0.01 min  
Lab File: BM015510.D  
Acq: 07 Jun 2018 04:41

Tgt Ion:165 Resp: 314815  
Ion Ratio Lower Upper  
165 100  
63 49.6 52.4 78.6#  
89 75.1 72.4 108.6  
182 2.8 2.0 3.0



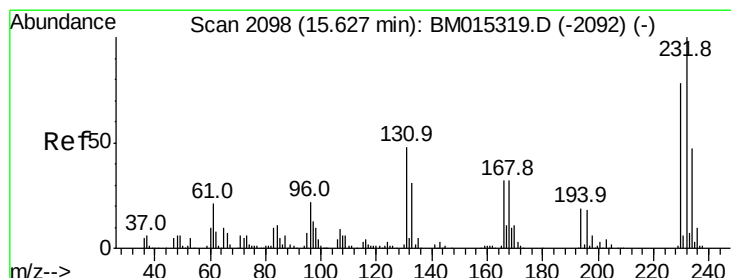
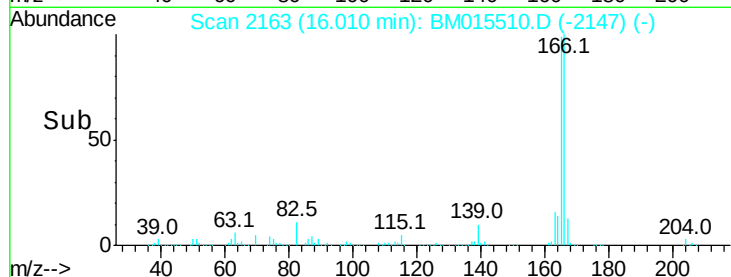
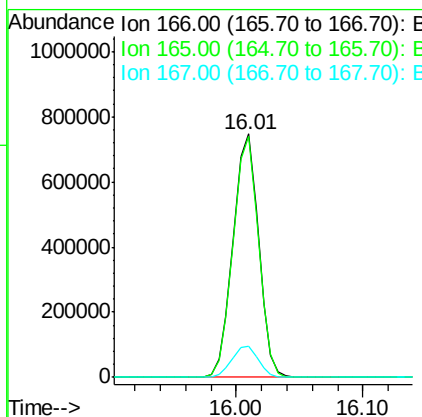
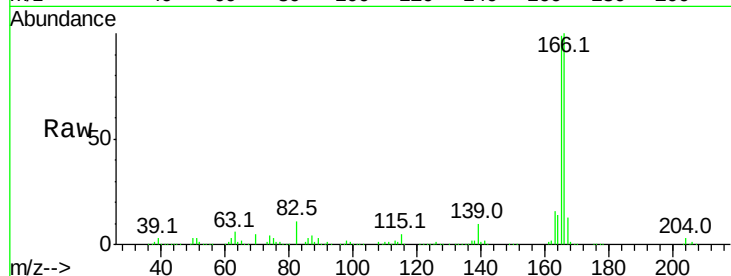




#57  
 Fluorene  
 Concen: 46.447 ng  
 RT: 16.01 min Scan# 2163  
 Delta R.T. -0.01 min  
 Lab File: BM015510.D  
 Acq: 07 Jun 2018 04:41

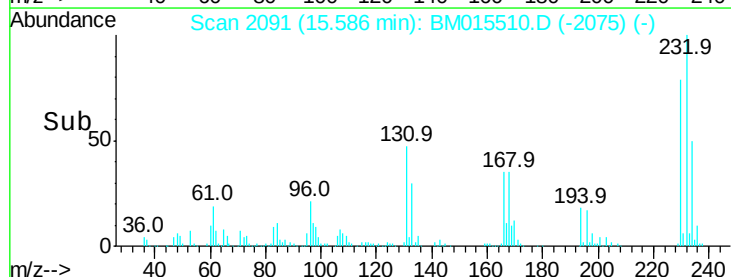
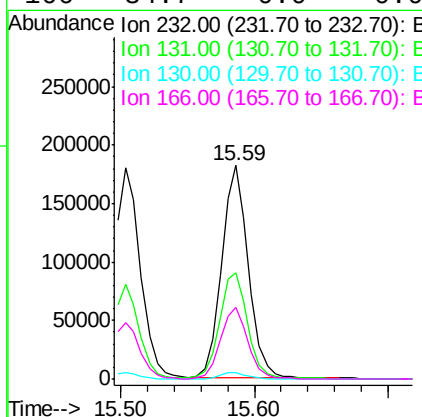
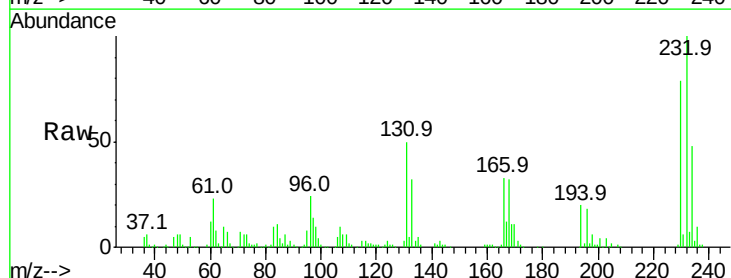
Instrument :  
 BNA\_M  
 ClientSampleId :

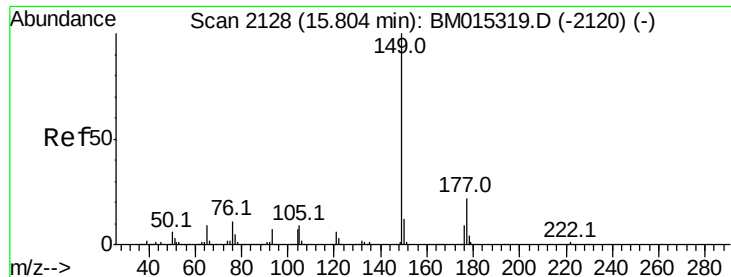
Tot Ion:166 Resp: 1038846  
 Ion Ratio Lower Upper  
 166 100  
 165 99.2 79.0 118.4  
 167 13.0 10.3 15.5



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 44.265 ng  
 RT: 15.59 min Scan# 2091  
 Delta R.T. -0.01 min  
 Lab File: BM015510.D  
 Acq: 07 Jun 2018 04:41

Tgt Ion:232 Resp: 255920  
 Ion Ratio Lower Upper  
 232 100  
 131 51.6 0.0 0.0#  
 130 2.9 0.0 0.0#  
 166 34.7 0.0 0.0#

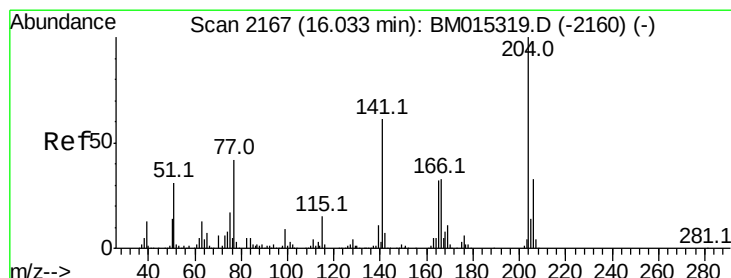
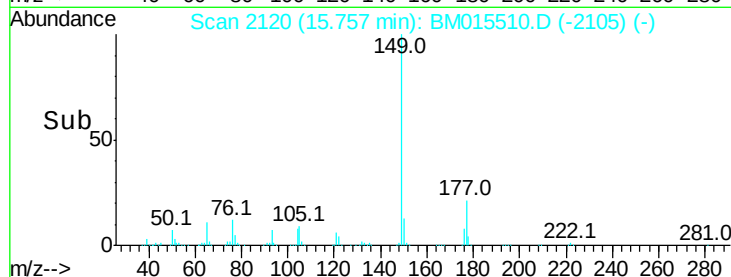
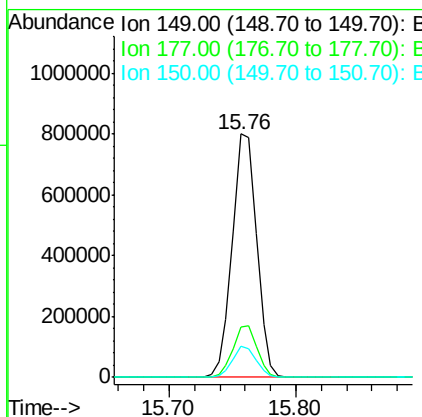
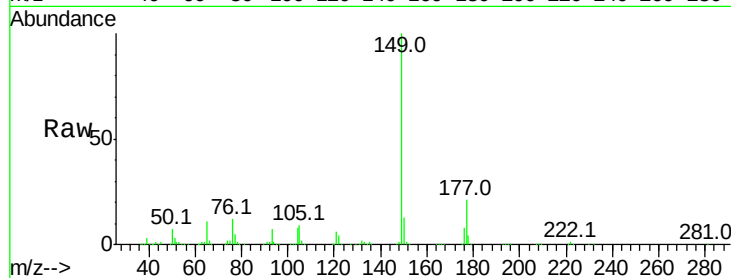




#59  
Diethylphthalate  
Concen: 44.265 ng  
RT: 15.76 min Scan# 2120  
Delta R.T. -0.01 min  
Lab File: BM015510.D  
Acq: 07 Jun 2018 04:41

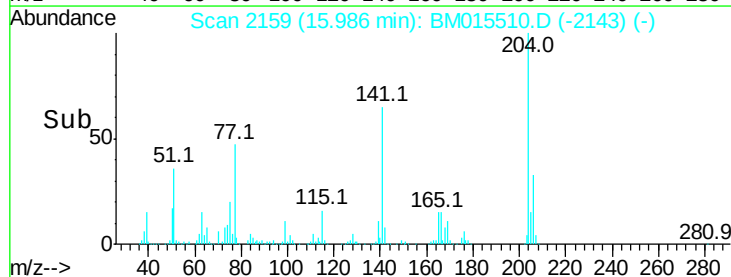
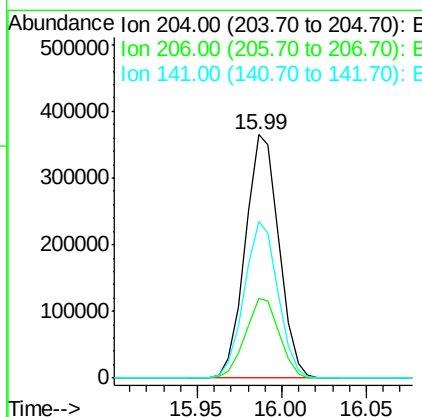
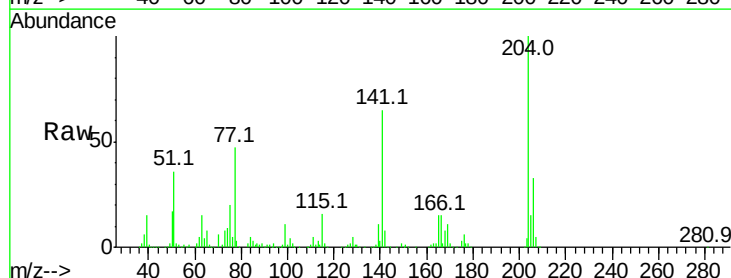
Instrument :  
BNA\_M  
ClientSampleId :

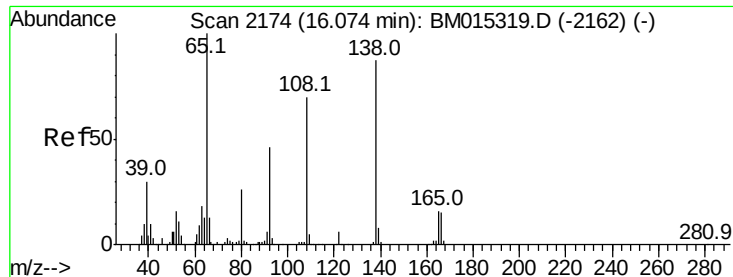
Tot Ion:149 Resp: 1069026  
Ion Ratio Lower Upper  
149 100  
177 20.8 18.3 27.5  
150 12.6 9.8 14.8



#60  
4-Chlorophenyl-phenylether  
Concen: 45.571 ng  
RT: 15.99 min Scan# 2159  
Delta R.T. -0.01 min  
Lab File: BM015510.D  
Acq: 07 Jun 2018 04:41

Tgt Ion:204 Resp: 506600  
Ion Ratio Lower Upper  
204 100  
206 32.6 26.6 39.8  
141 64.5 45.2 67.8

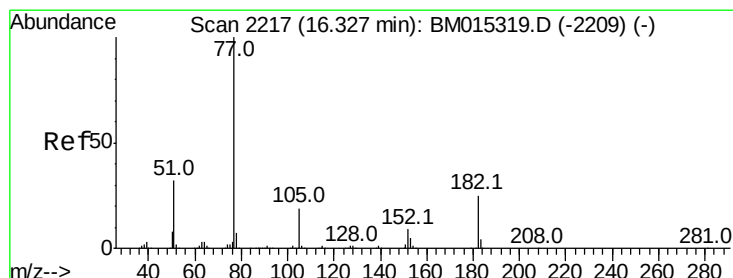
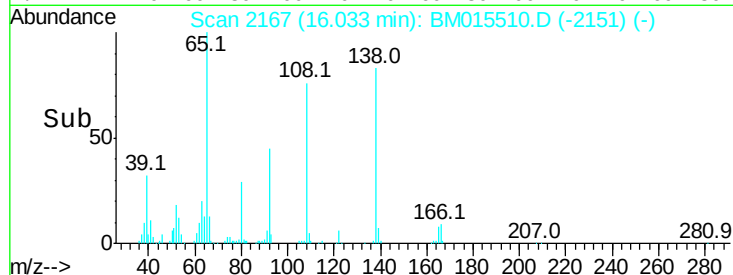
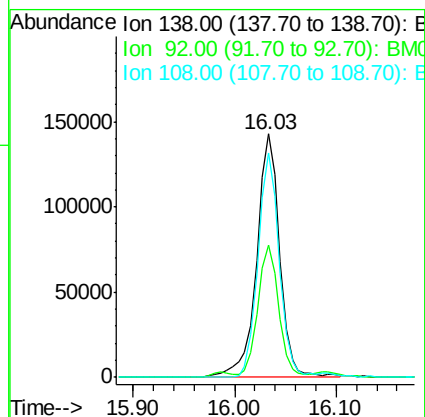
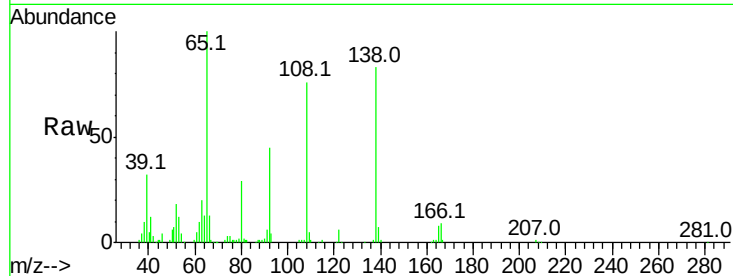




#61  
4-Nitroaniline  
Concen: 38.550 ng  
RT: 16.03 min Scan# 2167  
Delta R.T. -0.01 min  
Lab File: BM015510.D  
Acq: 07 Jun 2018 04:41

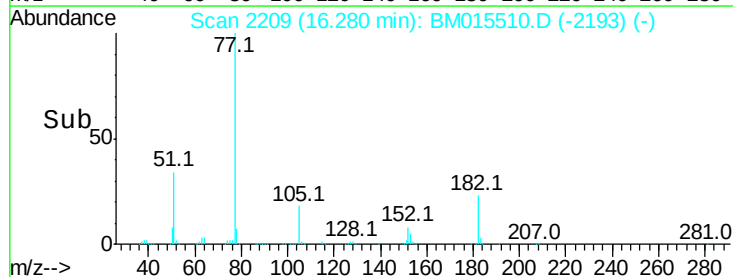
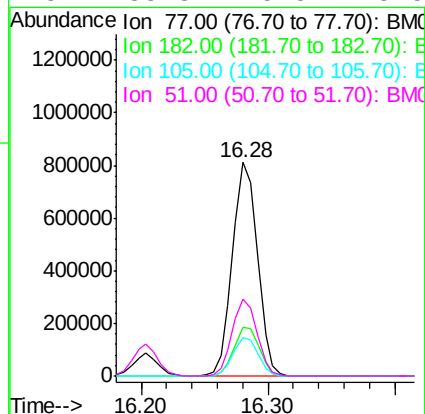
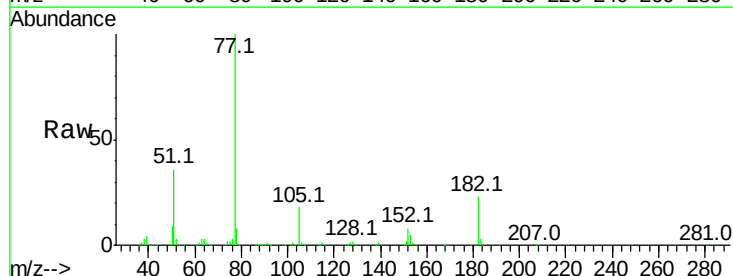
Instrument :  
BNA\_M  
ClientSampleId :

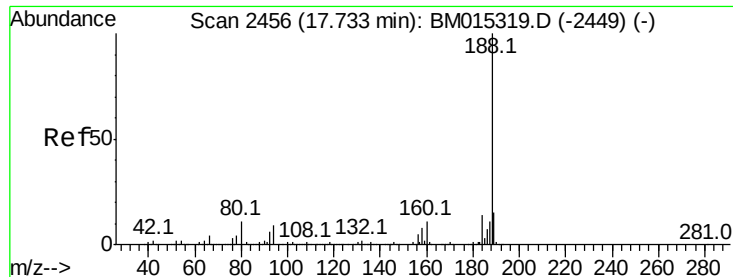
Tot Ion:138 Resp: 225534  
Ion Ratio Lower Upper  
138 100  
92 54.3 16.7 56.7  
108 91.9 37.6 77.6#



#62  
Azobenzene  
Concen: 49.012 ng  
RT: 16.28 min Scan# 2209  
Delta R.T. -0.01 min  
Lab File: BM015510.D  
Acq: 07 Jun 2018 04:41

Tgt Ion: 77 Resp: 1102700  
Ion Ratio Lower Upper  
77 100  
182 22.9 6.5 46.5  
105 17.9 3.8 43.8  
51 35.8 5.5 45.5

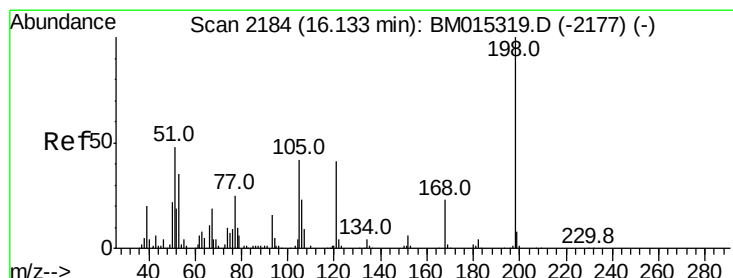
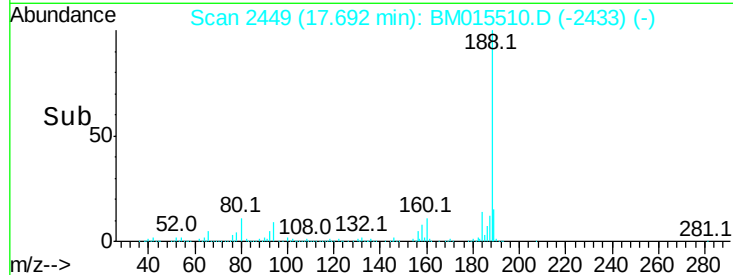
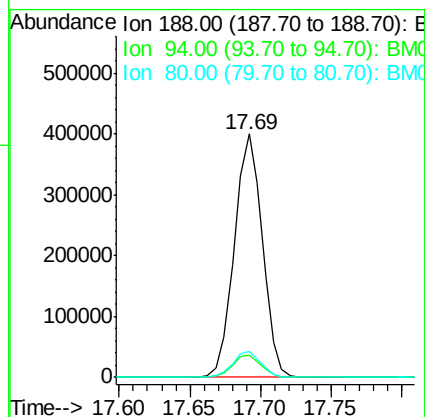
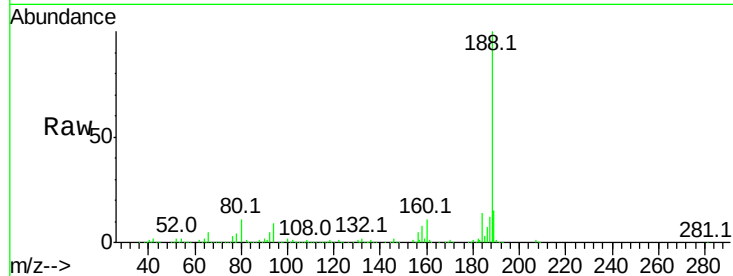




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.69 min Scan# 2449  
Delta R.T. -0.01 min  
Lab File: BM015510.D  
Acq: 07 Jun 2018 04:41

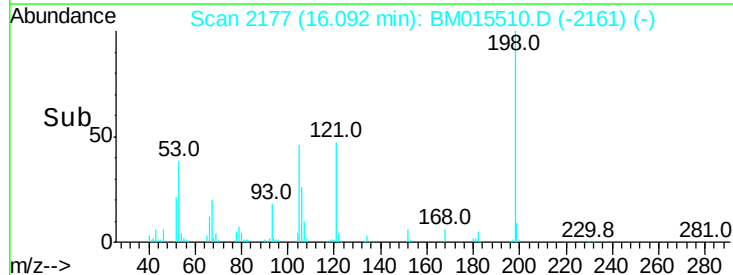
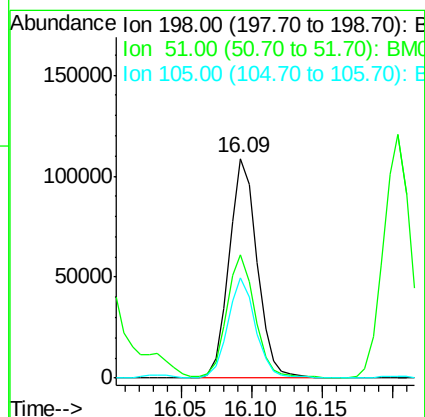
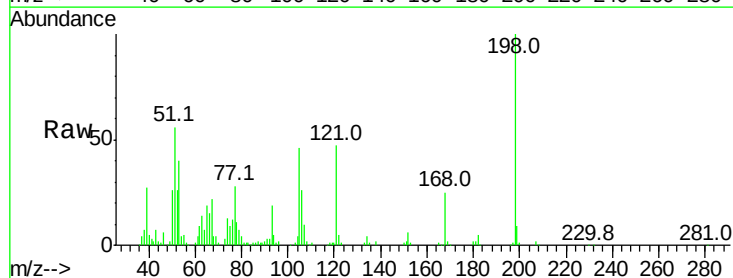
Instrument :  
BNA\_M  
ClientSampled :

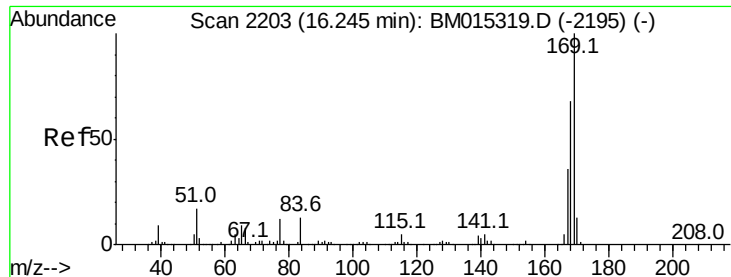
Tot Ion:188 Resp: 552992  
Ion Ratio Lower Upper  
188 100  
94 9.0 8.7 13.1  
80 10.8 9.3 13.9



#64  
4,6-Dinitro-2-methylphenol  
Concen: 47.323 ng  
RT: 16.09 min Scan# 2177  
Delta R.T. -0.01 min  
Lab File: BM015510.D  
Acq: 07 Jun 2018 04:41

Tgt Ion:198 Resp: 150746  
Ion Ratio Lower Upper  
198 100  
51 56.3 28.8 68.8  
105 45.8 30.5 70.5





#65

n-Nitrosodiphenylamine

Concen: 51.509 ng

RT: 16.20 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

Instrument :

BNA\_M

ClientSampleId :

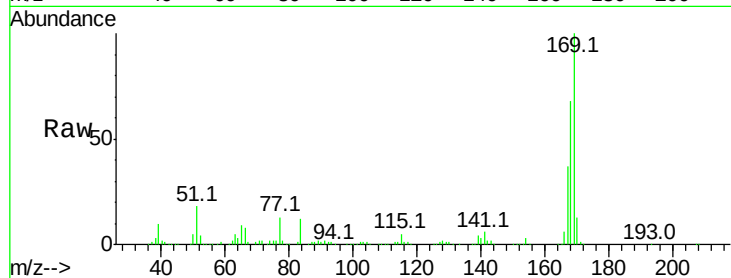
Tot Ion:169 Resp: 879610

Ion Ratio Lower Upper

169 100

168 67.8 53.9 80.9

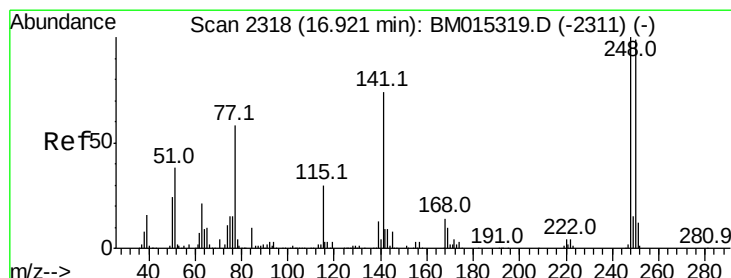
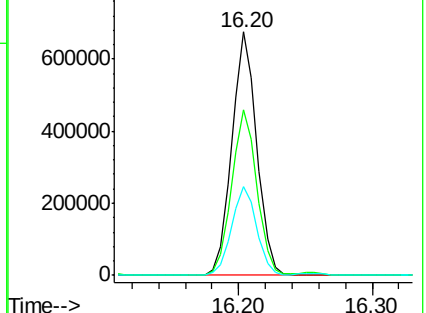
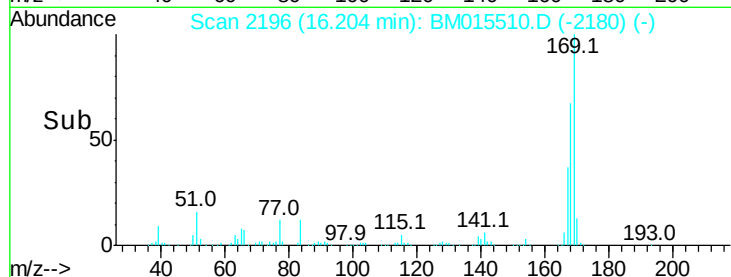
167 36.6 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 51.764 ng

RT: 16.87 min Scan# 2310

Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

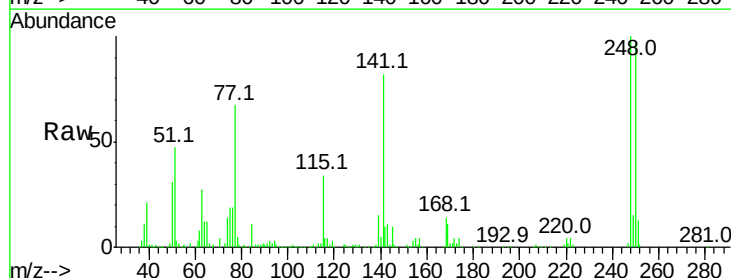
Tgt Ion:248 Resp: 306513

Ion Ratio Lower Upper

248 100

250 97.3 77.4 116.0

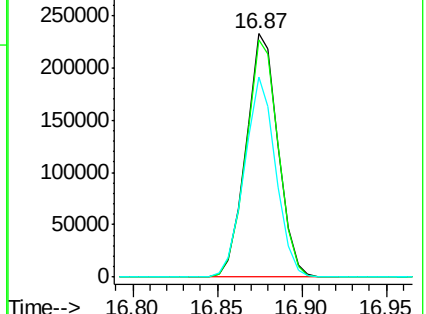
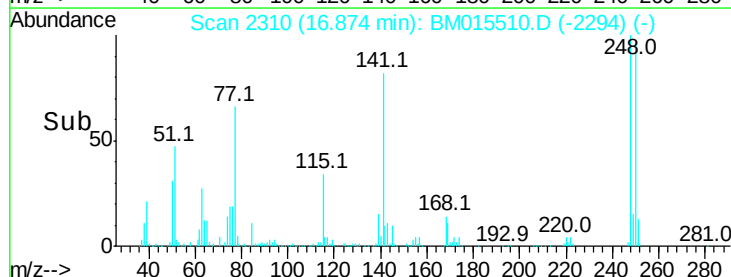
141 82.2 45.2 67.8#

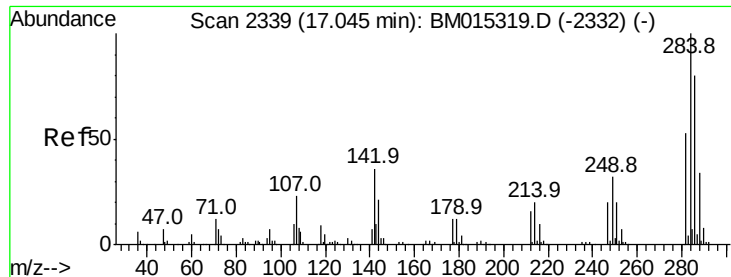


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 50.460 ng

RT: 17.00 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

Instrument :

BNA\_M

ClientSampleId :

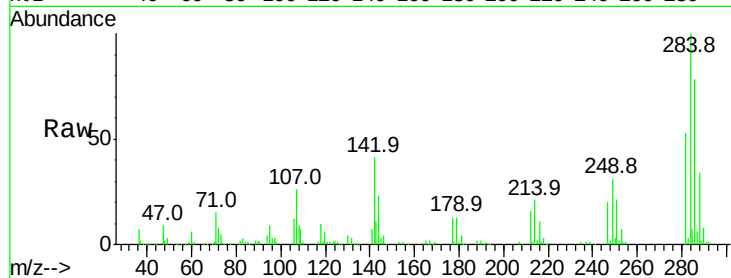
Tot Ion:284 Resp: 343590

Ion Ratio Lower Upper

284 100

142 40.6 20.4 30.6#

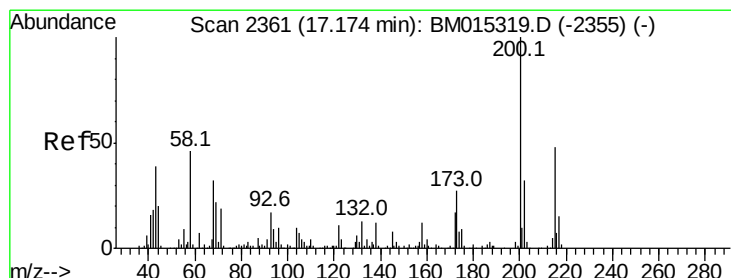
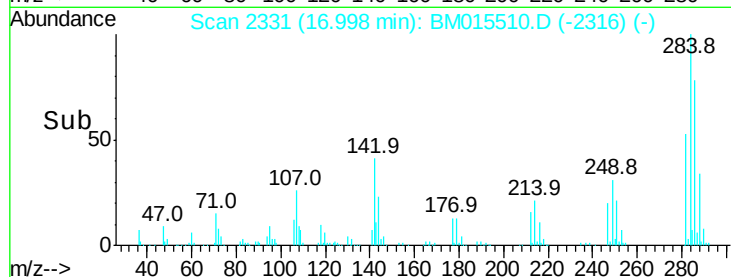
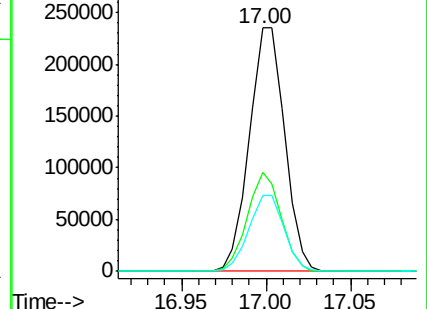
249 31.4 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 50.116 ng

RT: 17.13 min Scan# 2354

Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

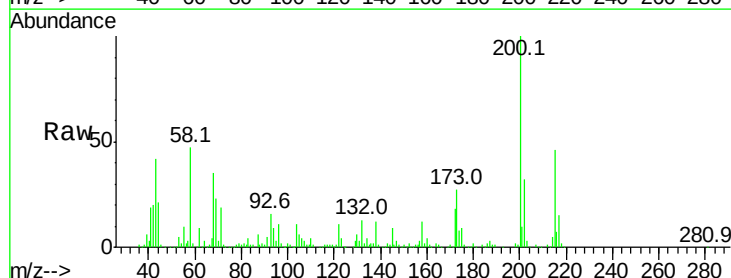
Tgt Ion:200 Resp: 298003

Ion Ratio Lower Upper

200 100

173 26.5 4.8 44.8

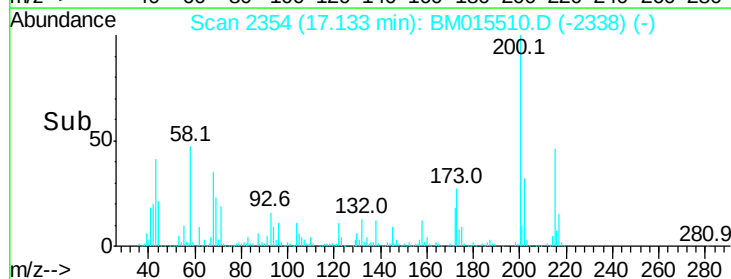
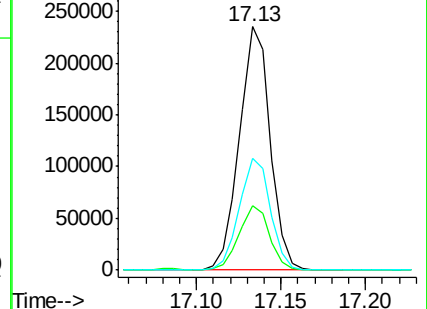
215 45.7 26.9 66.9

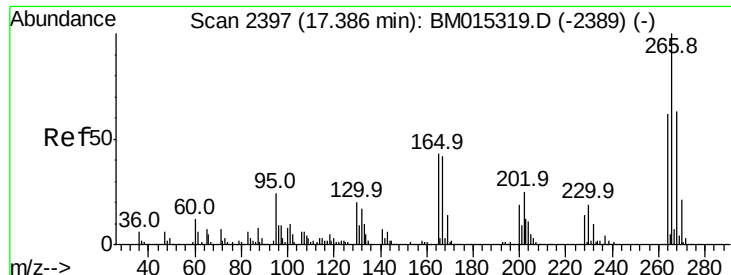


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

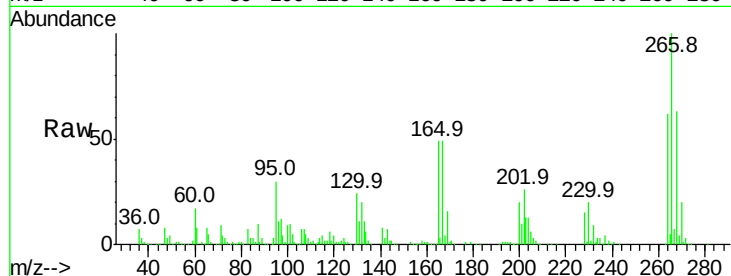




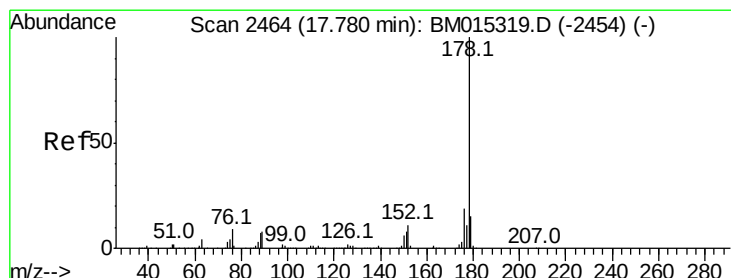
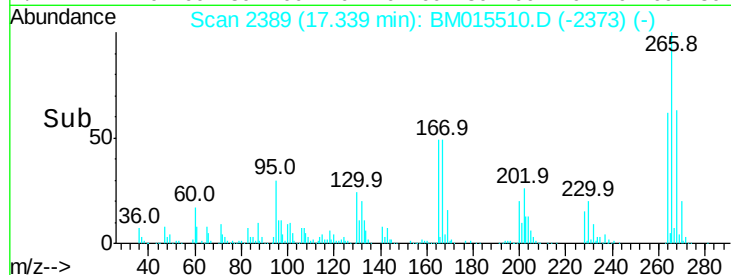
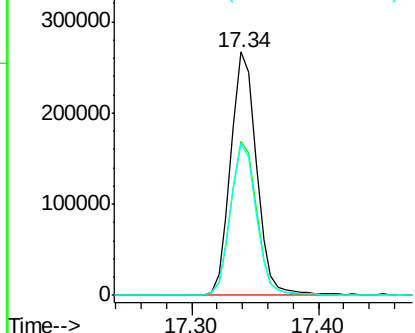
#69  
 Pentachlorophenol  
 Concen: 94.219 ng  
 RT: 17.34 min Scan# 2389  
 Delta R.T. -0.01 min  
 Lab File: BM015510.D  
 Acq: 07 Jun 2018 04:41

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.5  | 52.0  | 78.0  |
| 264     | 62.0  | 49.0  | 73.4  |

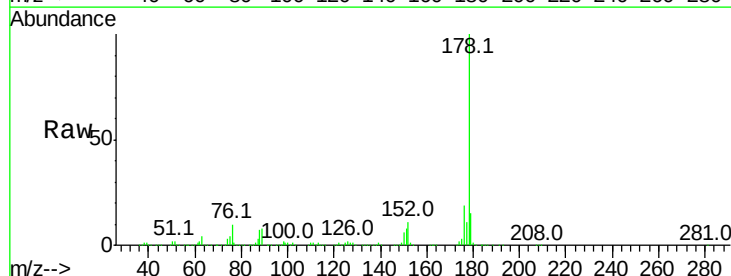


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

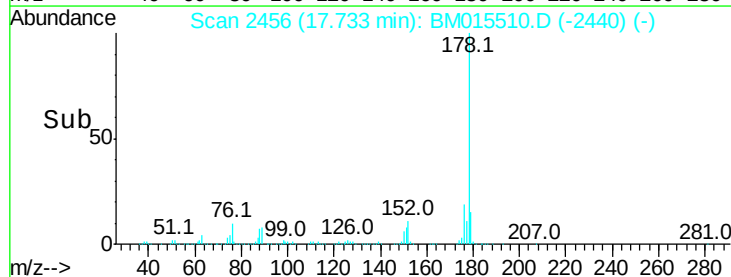
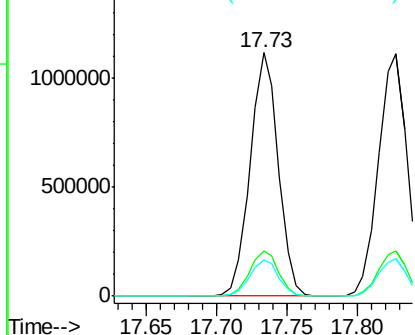


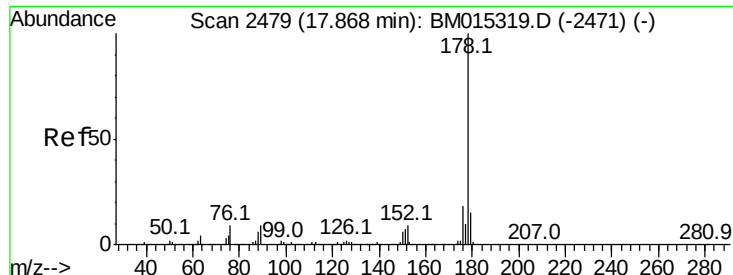
#70  
 Phenanthrene  
 Concen: 49.997 ng  
 RT: 17.73 min Scan# 2456  
 Delta R.T. -0.01 min  
 Lab File: BM015510.D  
 Acq: 07 Jun 2018 04:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.6  | 15.2  | 22.8  |
| 179     | 15.1  | 12.1  | 18.1  |



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



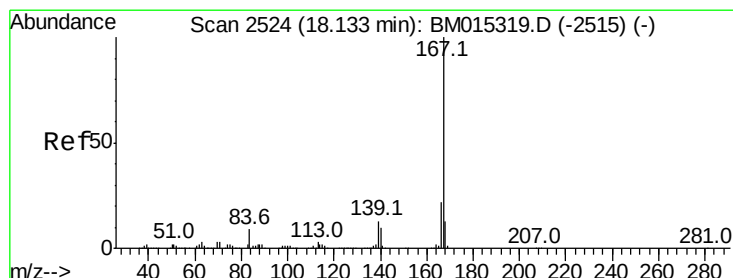
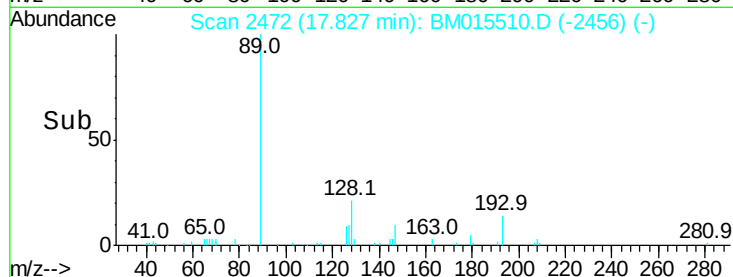
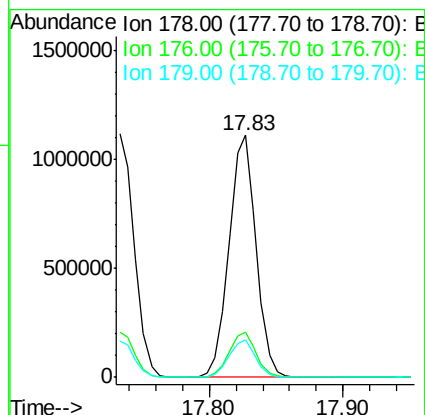
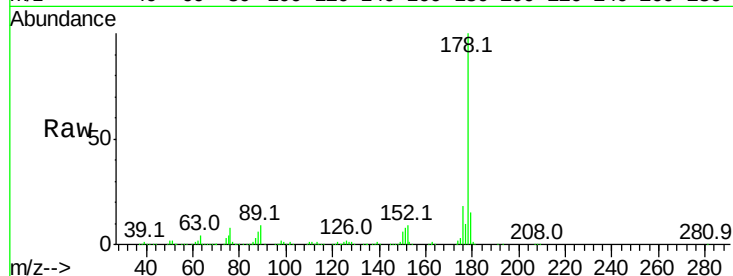


#71  
 Anthracene  
 Concen: 49.207 ng  
 RT: 17.83 min Scan# 2472  
 Delta R.T. -0.01 min  
 Lab File: BM015510.D  
 Acq: 07 Jun 2018 04:41

Instrument :  
 BNA\_M  
 ClientSampled :

Tot Ion:178 Resp: 1571964  

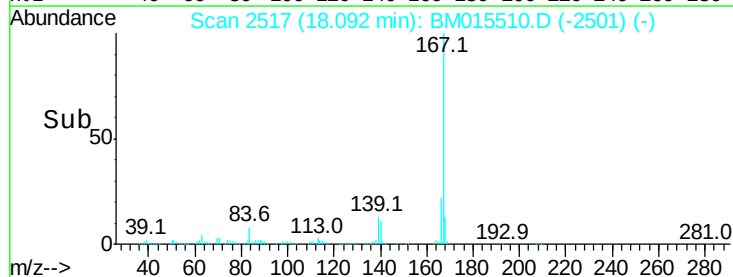
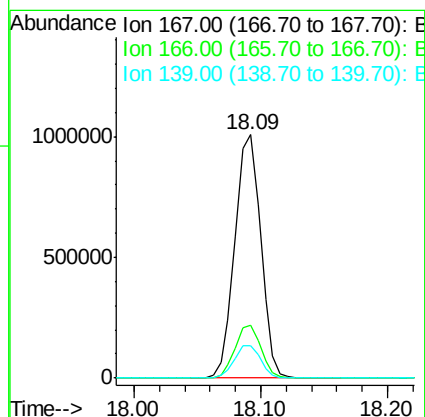
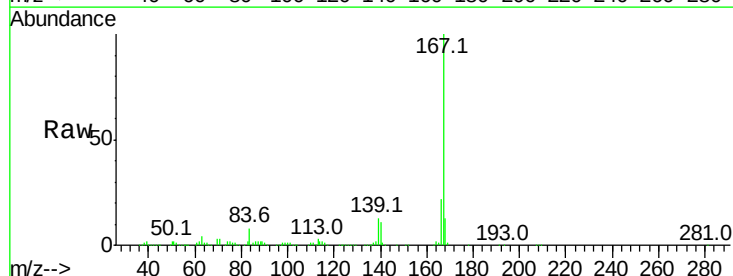
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 18.5  | 14.6  | 22.0  |
| 179 | 15.3  | 12.6  | 19.0  |



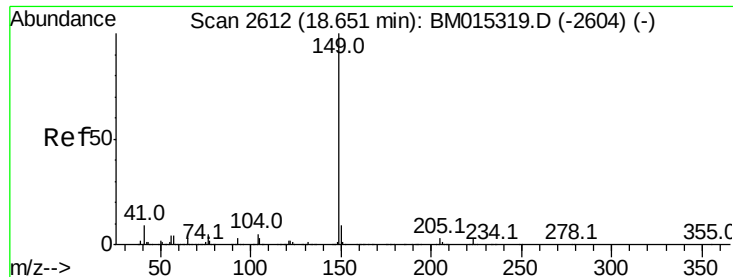
#72  
 Carbazole  
 Concen: 48.051 ng  
 RT: 18.09 min Scan# 2517  
 Delta R.T. -0.01 min  
 Lab File: BM015510.D  
 Acq: 07 Jun 2018 04:41

Tgt Ion:167 Resp: 1422363  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.6  | 17.2  | 25.8  |
| 139 | 13.1  | 10.8  | 16.2  |







#73

Di-n-butylphthalate

Concen: 46.655 ng

RT: 18.61 min Scan# 2605

Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

Instrument :

BNA\_M

ClientSampleId :

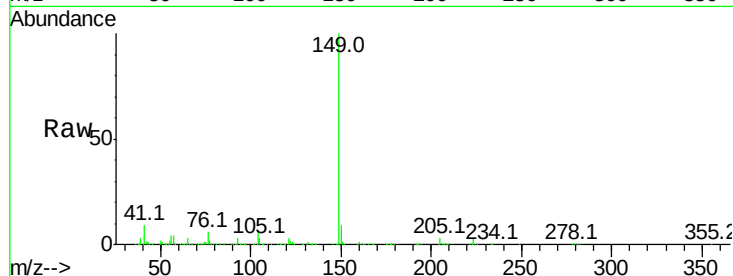
Tot Ion:149 Resp: 1728692

Ion Ratio Lower Upper

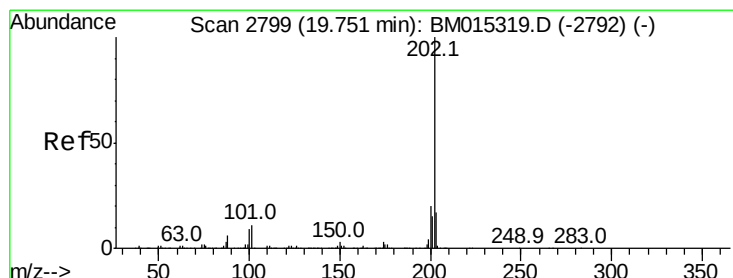
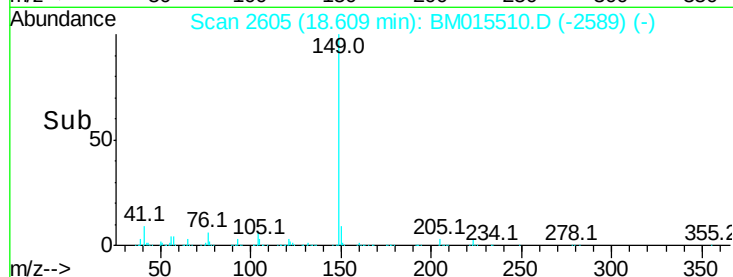
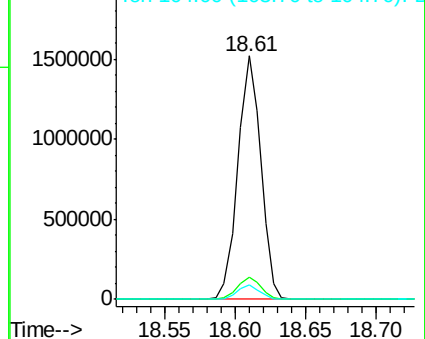
149 100

150 9.3 7.5 11.3

104 5.7 3.7 5.5#



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



#74

Fluoranthene

Concen: 45.617 ng

RT: 19.71 min Scan# 2792

Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

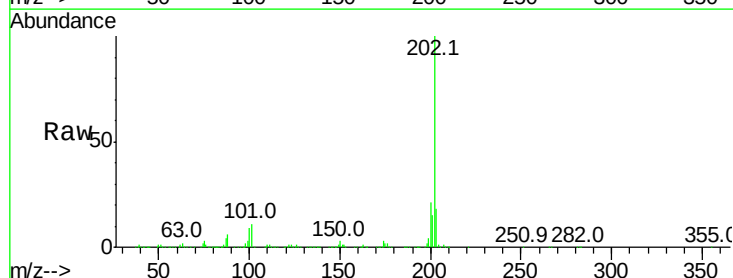
Tgt Ion:202 Resp: 1711848

Ion Ratio Lower Upper

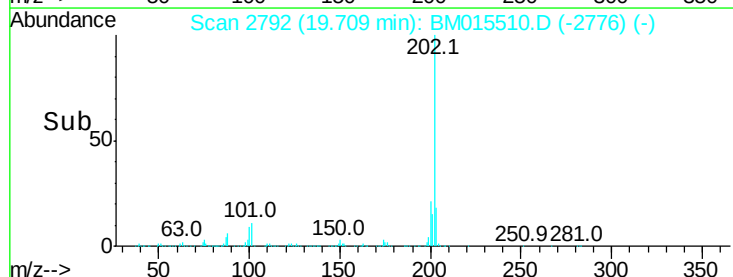
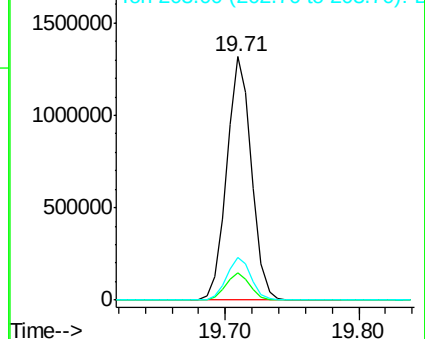
202 100

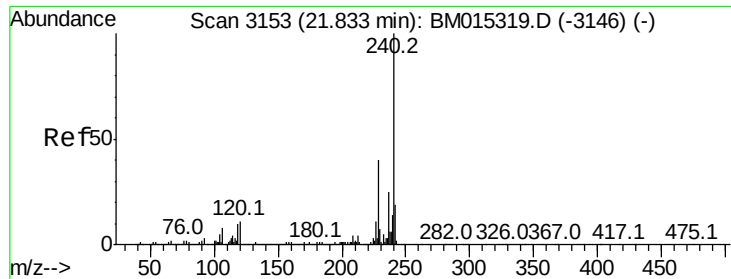
101 11.4 0.0 28.7

203 17.6 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

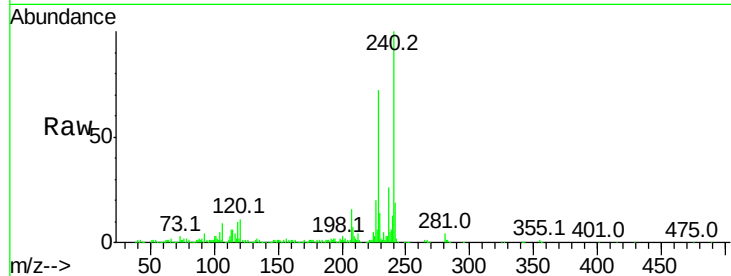
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:240 Resp: 556212

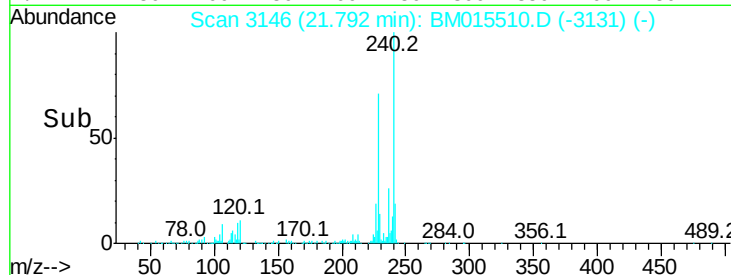
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 11.4  | 8.2   | 12.2  |
| 236 | 26.3  | 20.0  | 30.0  |



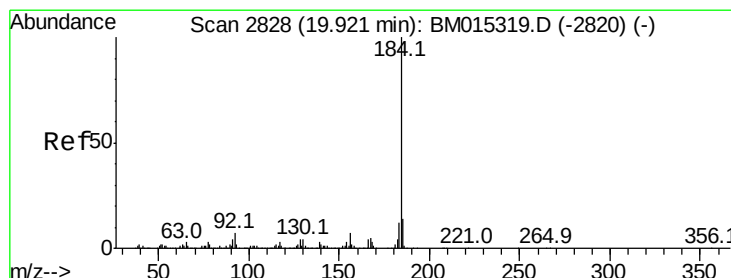
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 18.061 ng

RT: 19.88 min Scan# 2821

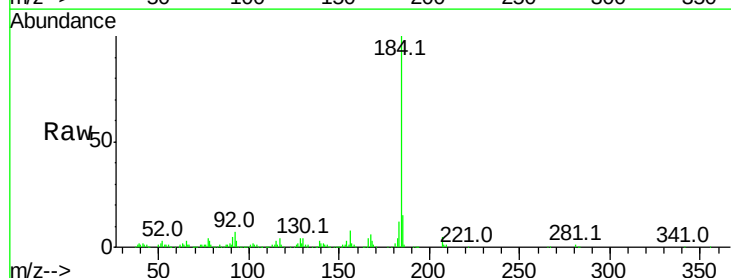
Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

Tgt Ion:184 Resp: 341950

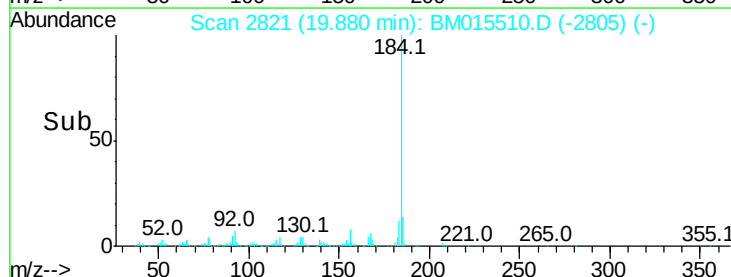
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.6  | 11.3  | 16.9  |
| 183 | 11.6  | 8.9   | 13.3  |



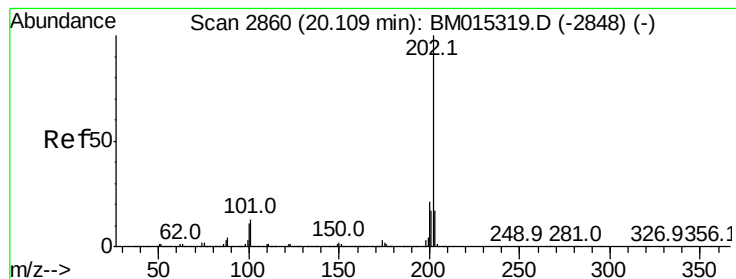
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#77

Pvrene

Concen: 51.748 ng

RT: 20.07 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

Instrument :

BNA\_M

ClientSampleId :

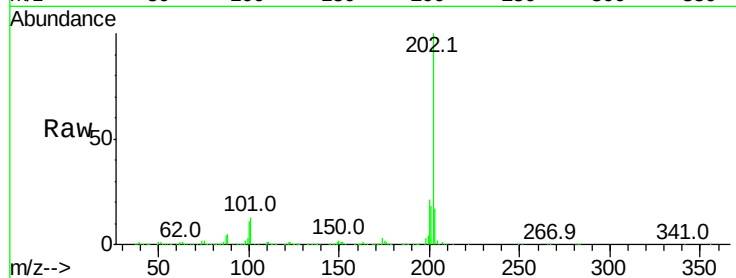
Tot Ion:202 Resp: 1739651

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 21.3  | 16.9  | 25.3  |
| 203 | 17.3  | 14.1  | 21.1  |

202 100

200 21.3 16.9 25.3

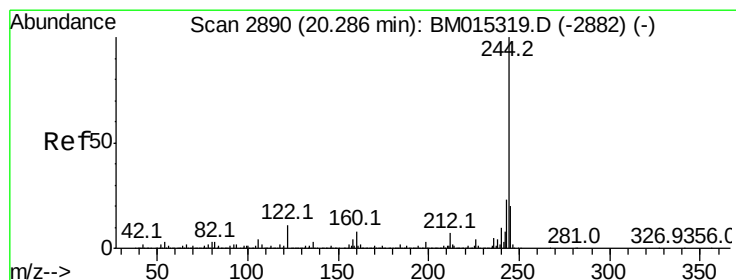
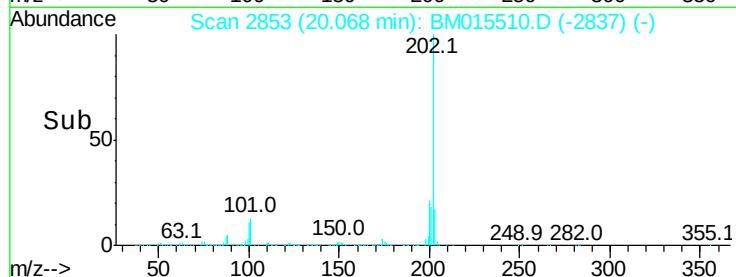
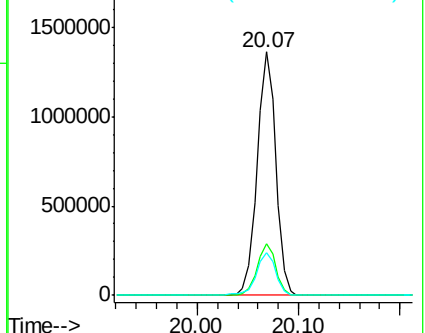
203 17.3 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 114.827 ng

RT: 20.24 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

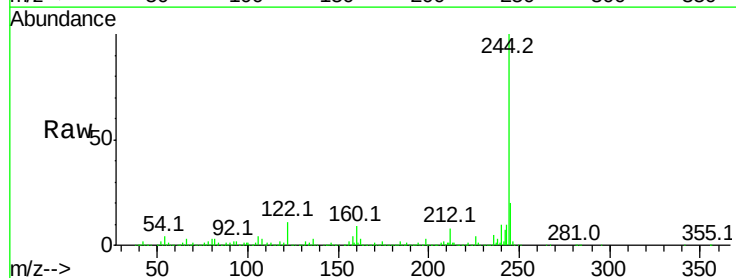
Tgt Ion:244 Resp: 2767052

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.5   | 4.9   | 7.3#  |
| 122 | 11.4  | 6.2   | 9.4#  |

244 100

212 7.5 4.9 7.3#

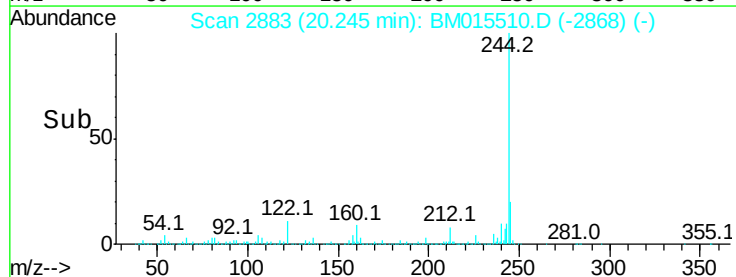
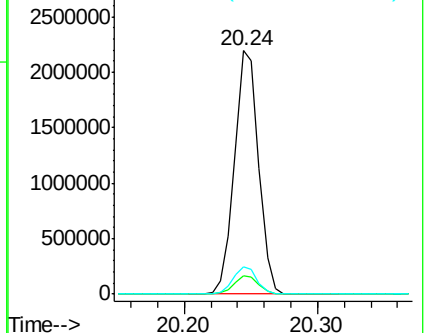
122 11.4 6.2 9.4#

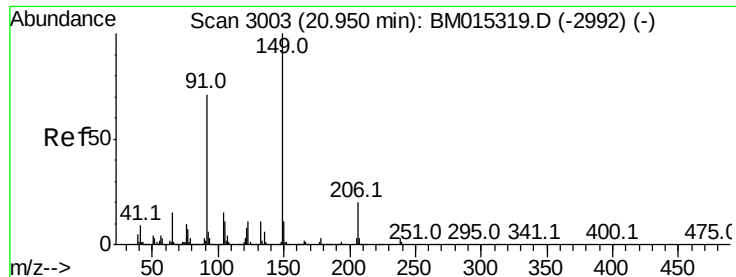


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

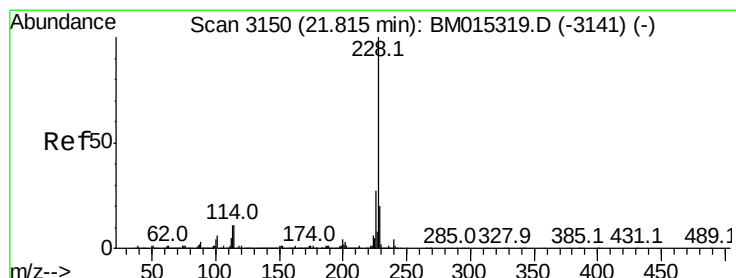
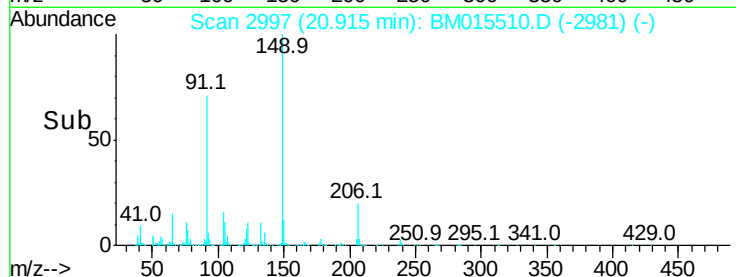
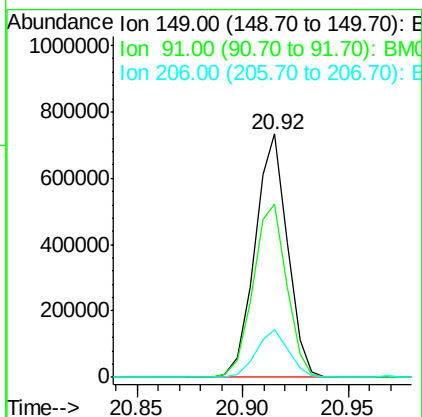
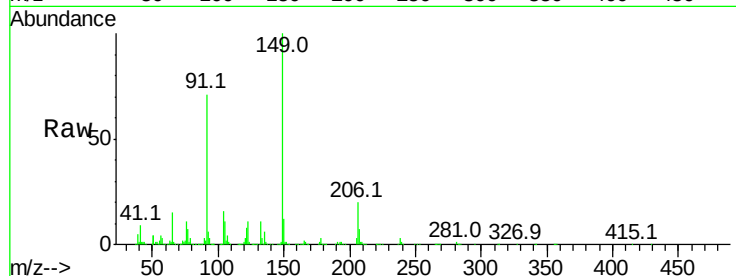




#79  
Butylbenzylphthalate  
Concen: 48.408 ng  
RT: 20.92 min Scan# 2997  
Delta R.T. -0.01 min  
Lab File: BM015510.D  
Acq: 07 Jun 2018 04:41

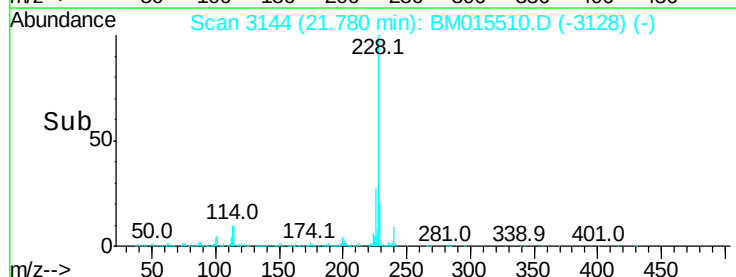
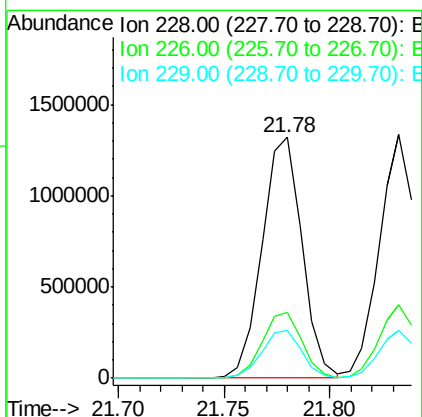
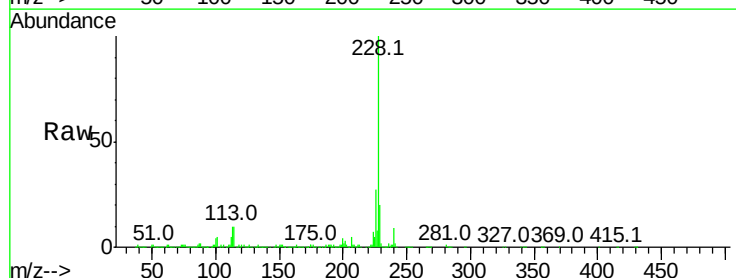
Instrument :  
BNA\_M  
ClientSampled :

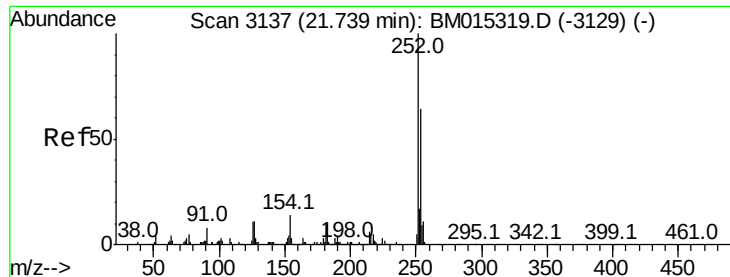
Tot Ion:149 Resp: 782770  
Ion Ratio Lower Upper  
149 100  
91 71.3 50.1 75.1  
206 19.7 16.2 24.2



#80  
Benzo(a)anthracene  
Concen: 49.017 ng  
RT: 21.78 min Scan# 3144  
Delta R.T. -0.01 min  
Lab File: BM015510.D  
Acq: 07 Jun 2018 04:41

Tgt Ion:228 Resp: 1735845  
Ion Ratio Lower Upper  
228 100  
226 27.2 21.7 32.5  
229 19.7 16.0 24.0

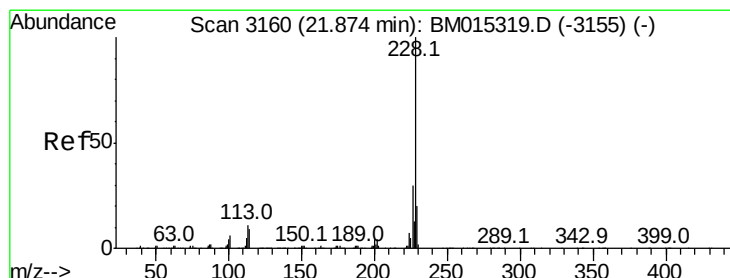
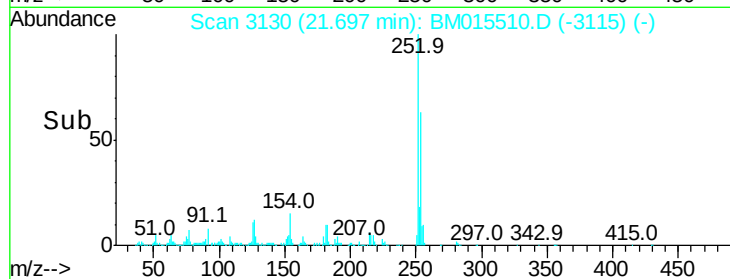
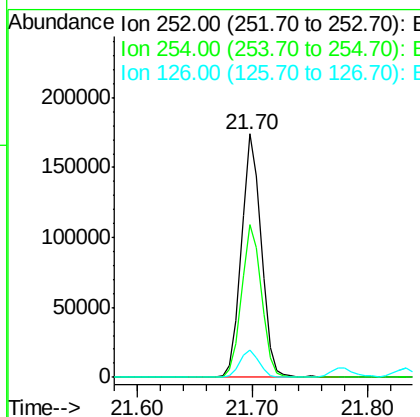
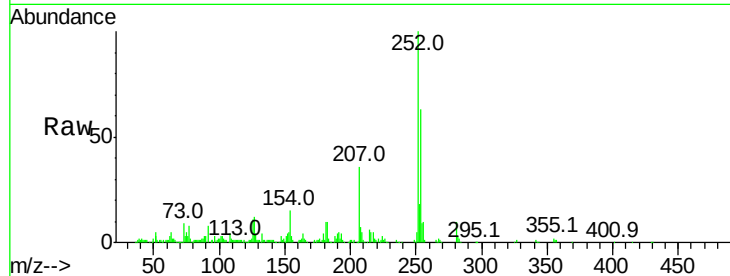




#81  
 3,3'-Dichlorobenzidine  
 Concen: 14.949 ng  
 RT: 21.70 min Scan# 3130  
 Delta R.T. -0.01 min  
 Lab File: BM015510.D  
 Acq: 07 Jun 2018 04:41

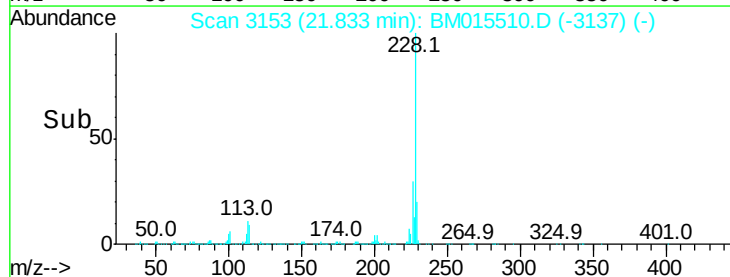
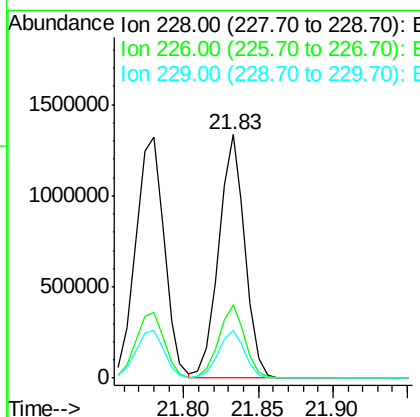
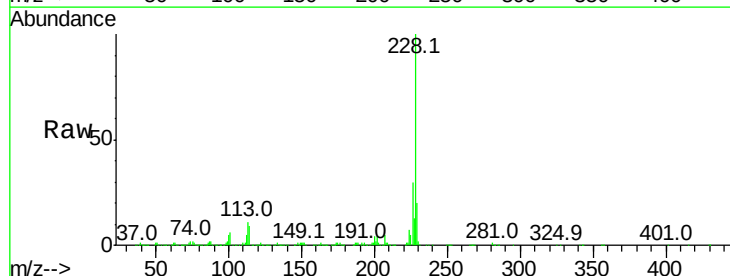
Instrument :  
 BNA\_M  
 ClientSampleId :

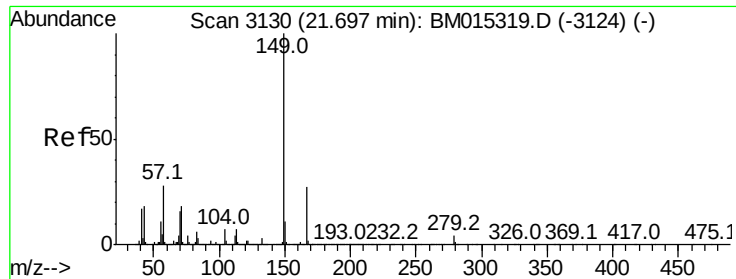
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 62.9  | 51.9  | 77.9  |
| 126     | 11.2  | 9.8   | 14.8  |



#82  
 Chrysene  
 Concen: 49.675 ng  
 RT: 21.83 min Scan# 3153  
 Delta R.T. -0.01 min  
 Lab File: BM015510.D  
 Acq: 07 Jun 2018 04:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.4  | 24.1  | 36.1  |
| 229     | 19.6  | 15.5  | 23.3  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.665 ng

RT: 21.66 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

Instrument :

BNA\_M

ClientSampleId :

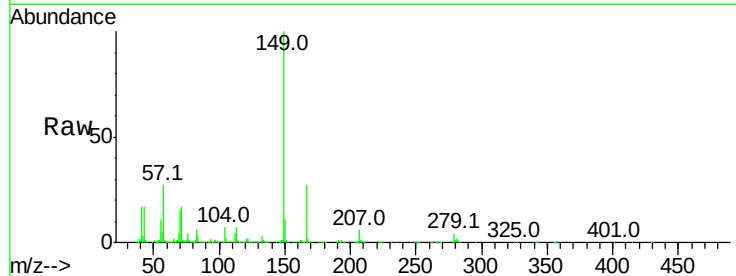
Tot Ion:149 Resp: 1116519

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 26.7  | 22.4  | 33.6  |
| 279 | 4.5   | 3.4   | 5.0   |

149 100

167 26.7 22.4 33.6

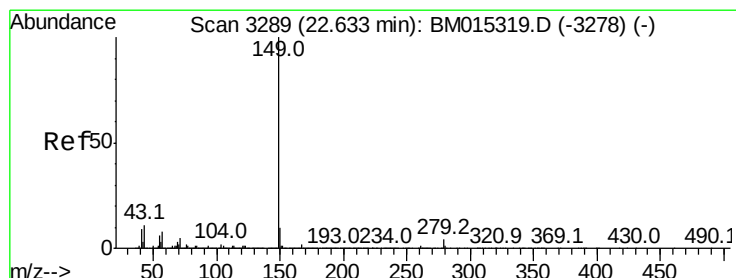
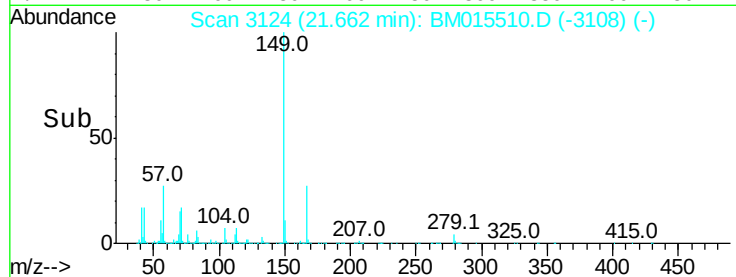
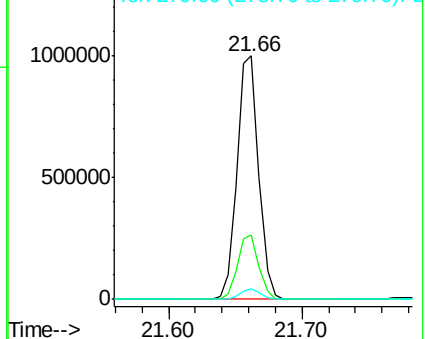
279 4.5 3.4 5.0



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



#84

Di-n-octyl phthalate

Concen: 45.475 ng

RT: 22.59 min Scan# 3281

Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

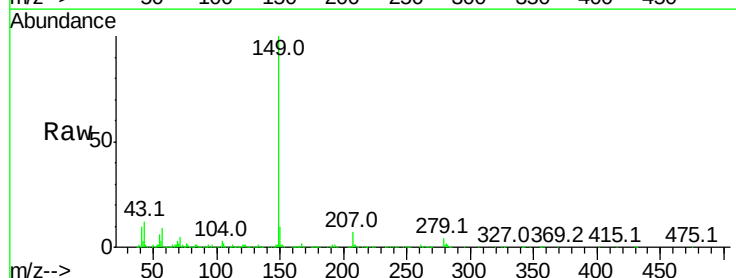
Tgt Ion:149 Resp: 1897765

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.6   | 1.2   | 1.8   |
| 43  | 12.0  | 7.3   | 10.9  |

149 100

167 1.6 1.2 1.8

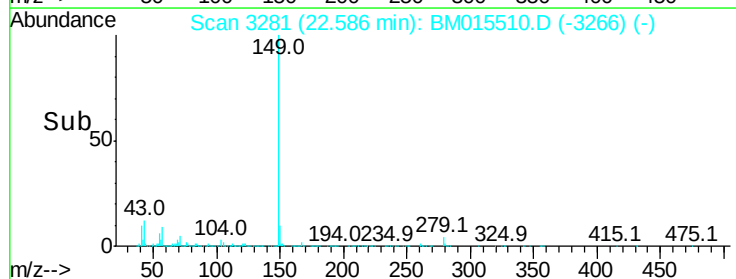
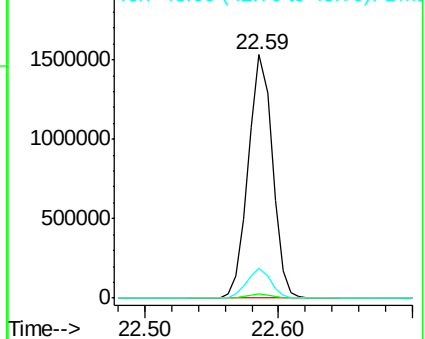
43 12.0 7.3 10.9

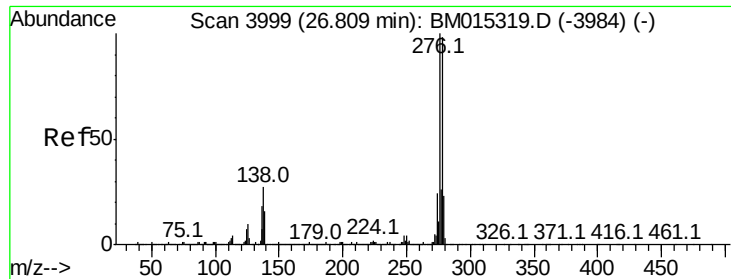


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0



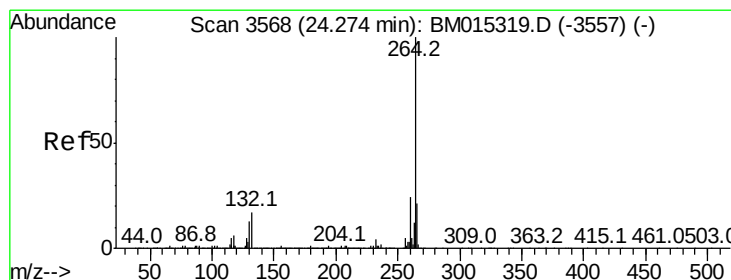
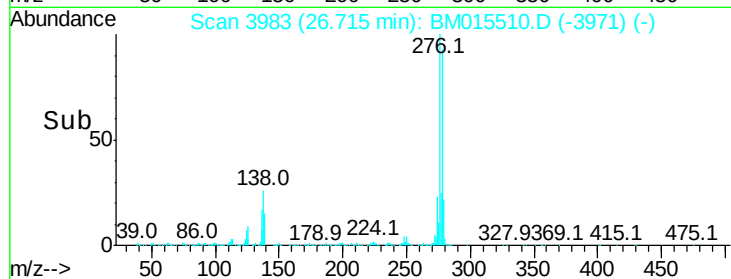
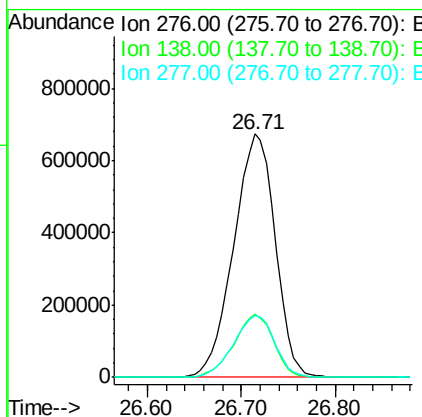
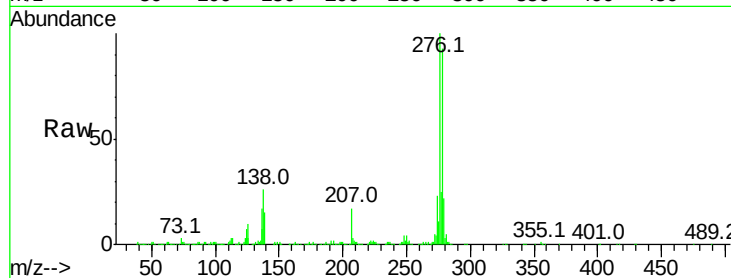


#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 45.762 ng  
 RT: 26.71 min Scan# 3983  
 Delta R.T. -0.03 min  
 Lab File: BM015510.D  
 Acq: 07 Jun 2018 04:41

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:276 Resp: 2046256  

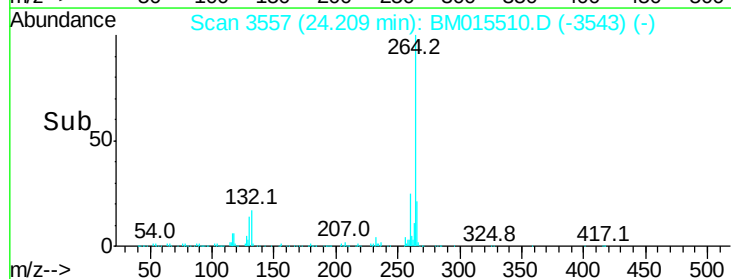
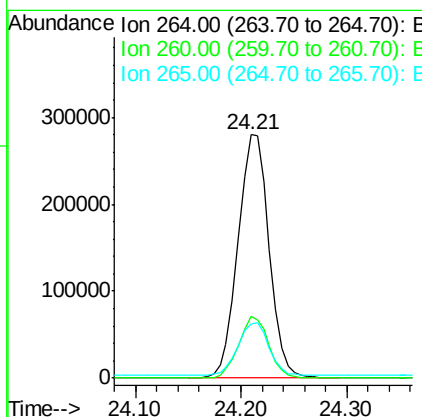
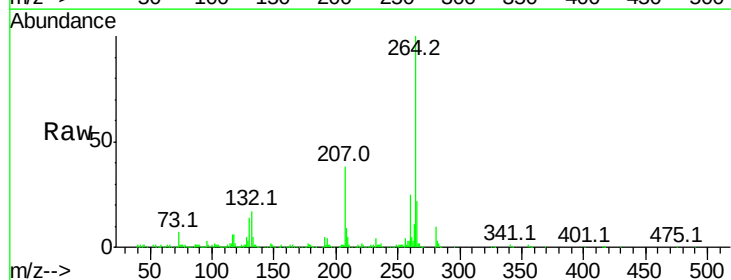
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 24.9  | 12.0  | 18.0# |
| 277 | 25.4  | 20.0  | 30.0  |

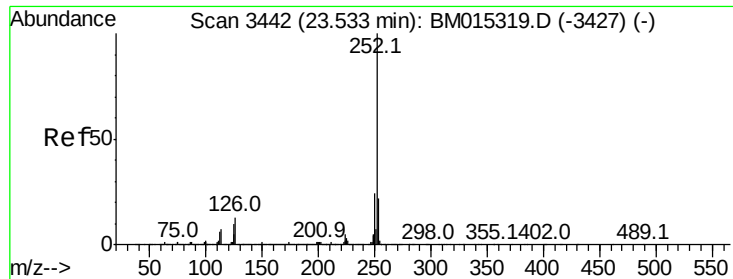


#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.21 min Scan# 3557  
 Delta R.T. -0.02 min  
 Lab File: BM015510.D  
 Acq: 07 Jun 2018 04:41

Tgt Ion:264 Resp: 572349  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 25.2  | 18.6  | 27.8  |
| 265 | 22.2  | 17.3  | 25.9  |





#87

Benzo(b)fluoranthene

Concen: 52.593 ng

RT: 23.47 min Scan# 3432

Delta R.T. -0.02 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

Instrument :

BNA\_M

ClientSampled :

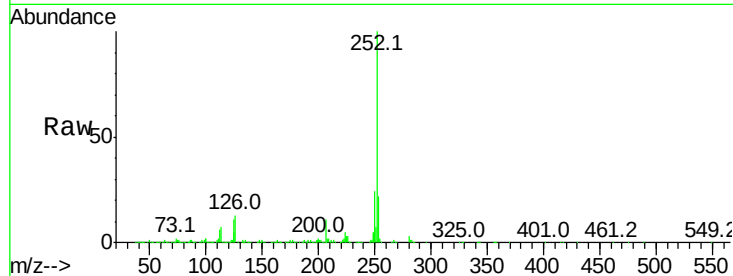
Tot Ion:252 Resp: 1827610

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

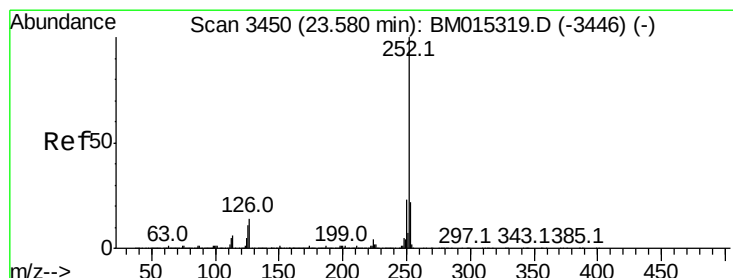
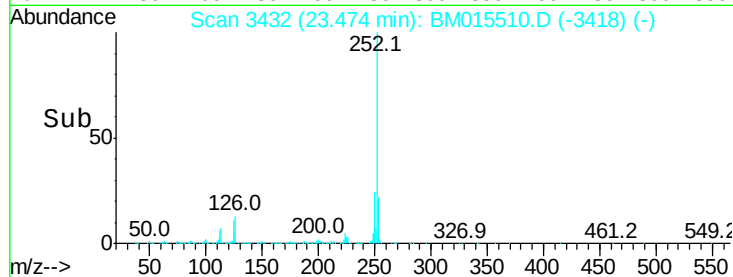
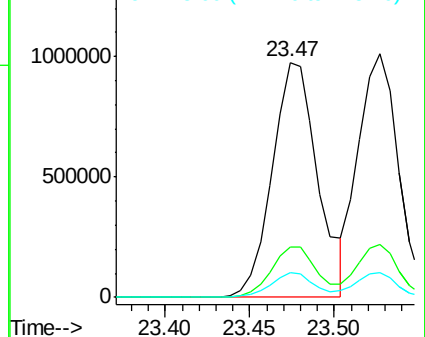
125 10.6 9.9 14.9



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: 50.130 ng

RT: 23.53 min Scan# 3441

Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

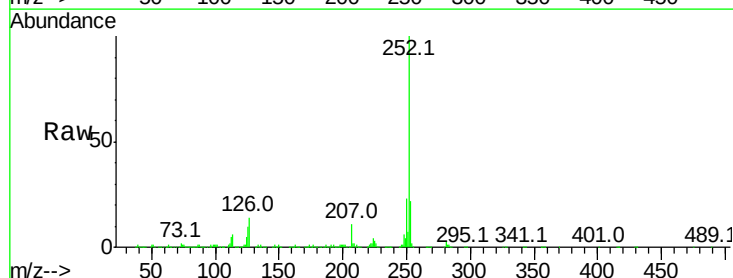
Tgt Ion:252 Resp: 1657747

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

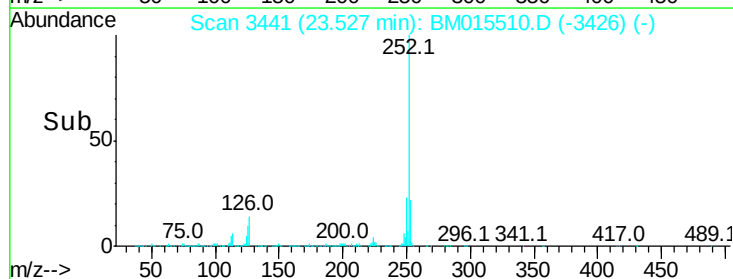
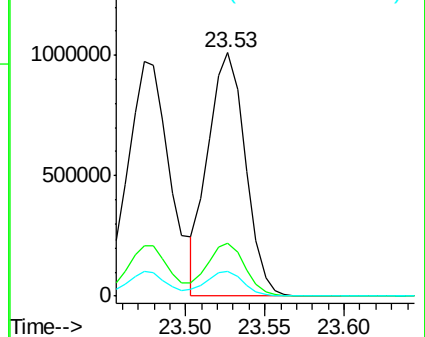
125 10.2 8.1 12.1



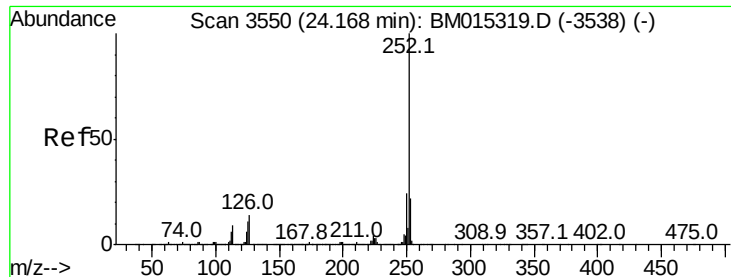
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







#89

Benzo(a)pyrene

Concen: 50.269 ng

RT: 24.11 min Scan# 3540

Delta R.T. -0.01 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

Instrument :

BNA\_M

ClientSampleId :

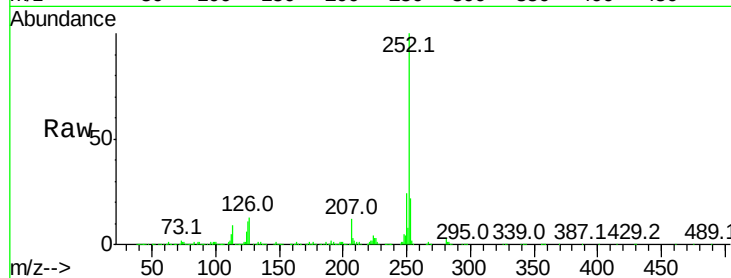
Tot Ion:252 Resp: 1688320

Ion Ratio Lower Upper

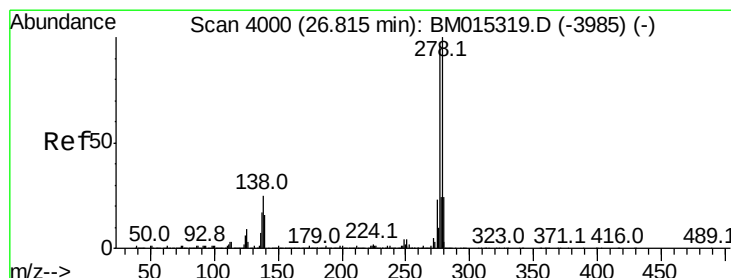
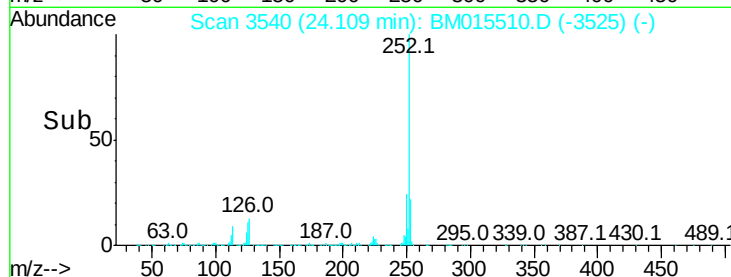
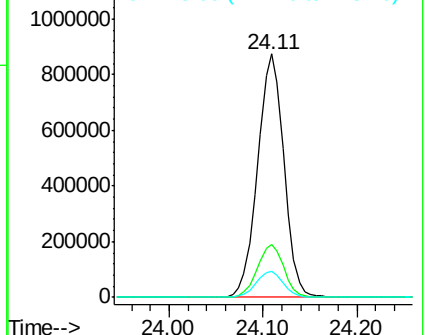
252 100

253 21.8 17.6 26.4

125 10.9 7.4 11.2



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

Dibenzo(a,h)anthracene

Concen: 50.683 ng

RT: 26.72 min Scan# 3984

Delta R.T. -0.02 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

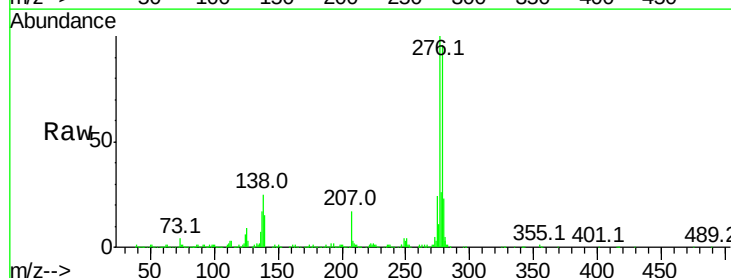
Tgt Ion:278 Resp: 1768507

Ion Ratio Lower Upper

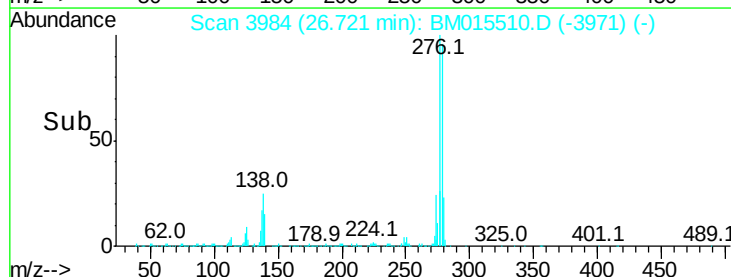
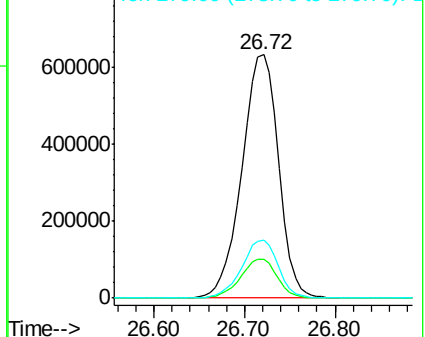
278 100

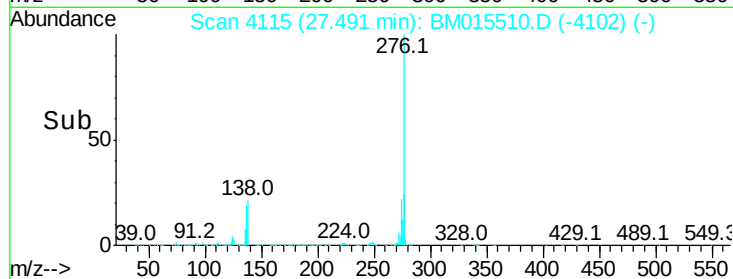
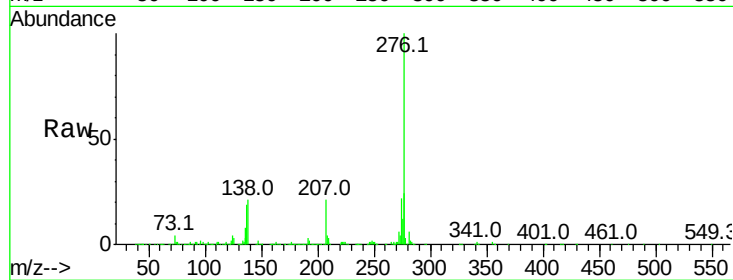
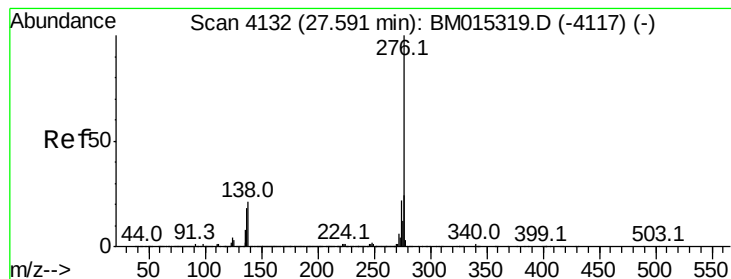
139 16.1 13.4 20.0

279 24.0 19.0 28.4



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





#91

Benzo(a,h,i)perylene

Concen: 49.833 ng

RT: 27.49 min Scan# 4115

Delta R.T. -0.02 min

Lab File: BM015510.D

Acq: 07 Jun 2018 04:41

Instrument :

BNA\_M

ClientSampleId :

Tot Ion:276 Resp: 1686021

Ion Ratio Lower Upper

276 100

277 23.9 18.5 27.7

138 21.2 19.0 28.6

