

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM091217\  
 Data File : BM011510.D  
 Acq On : 12 Sep 2017 09:19  
 Operator : SJ/JU  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Sep 13 06:39:47 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Sep 12 17:48:41 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.97  | 152  | 410697   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.78 | 136  | 1933988  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.60 | 164  | 1188175  | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.34 | 188  | 2723446  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.51 | 240  | 3231910  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.88 | 264  | 2964120  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.39  | 96  | 75299   | 8.25  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.12  | 99  | 757594  | 19.21 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.30  | 67  | 540074  | 20.32 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.50  | 132 | 587812  | 19.78 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.67  | 113 | 602753  | 19.58 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.14  | 128 | 286500  | 19.51 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.86  | 143 | 284353  | 18.63 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.40 | 165 | 599983  | 19.53 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.92 | 131 | 755267  | 22.27 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.01 | 166 | 1969942 | 19.61 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.30 | 160 | 2413903 | 19.87 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.79 | 143 | 343439  | 18.19 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.59 | 176 | 1750410 | 20.12 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.70 | 200 | 270340  | 17.06 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.44 | 188 | 2704909 | 20.17 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.73 | 212 | 2996861 | 19.80 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.73 | 264 | 2805272 | 19.86 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |        | Ovalue |    |
|--------------------------------|-------|-----|---------|--------|--------|----|
| 2) 1,4-Dioxane                 | 3.43  | 88  | 82392   | 8.233  | ng/uL# | 70 |
| 4) Benzaldehyde                | 7.12  | 77  | 419941  | 18.636 | ng/ul  | 95 |
| 6) Phenol                      | 7.15  | 94  | 768600  | 19.634 | ng/ul  | 97 |
| 8) Bis(2-Chloroethyl)ether     | 7.39  | 93  | 605584  | 19.650 | ng/ul# | 83 |
| 10) 2-Chlorophenol             | 7.53  | 128 | 572000  | 19.729 | ng/ul  | 93 |
| 11) 2-Methylphenol             | 8.41  | 108 | 574657  | 19.361 | ng/ul  | 94 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.50  | 45  | 1077460 | 21.570 | ng/ul# | 91 |
| 14) Acetophenone               | 8.80  | 105 | 946913  | 20.122 | ng/ul# | 94 |
| 15) N-Nitroso-di-n-propylamine | 8.78  | 70  | 521667  | 20.659 | ng/ul# | 76 |
| 16) 4-Methylphenol             | 8.73  | 108 | 645064  | 19.863 | ng/ul  | 96 |
| 17) Hexachloroethane           | 9.06  | 117 | 224034  | 20.213 | ng/ul  | 84 |
| 20) Nitrobenzene               | 9.18  | 77  | 693992  | 20.103 | ng/ul  | 95 |
| 21) Isophorone                 | 9.70  | 82  | 1392605 | 20.035 | ng/ul# | 98 |
| 23) 2-Nitrophenol              | 9.89  | 139 | 309265  | 19.286 | ng/ul# | 92 |
| 24) 2,4-Dimethylphenol         | 9.94  | 107 | 689964  | 20.109 | ng/ul  | 92 |
| 25) Bis(2-Chloroethoxy)methane | 10.18 | 93  | 897278  | 19.798 | ng/ul  | 98 |
| 27) 2,4-Dichlorophenol         | 10.42 | 162 | 586316  | 19.794 | ng/ul  | 98 |
| 28) Naphthalene                | 10.83 | 128 | 1995374 | 19.896 | ng/ul  | 98 |
| 30) 4-Chloroaniline            | 10.94 | 127 | 711914  | 22.099 | ng/ul  | 97 |
| 31) Hexachlorobutadiene        | 11.11 | 225 | 331960  | 19.745 | ng/ul  | 97 |
| 32) Caprolactam                | 11.71 | 113 | 167804  | 17.996 | ng/ul# | 54 |
| 33) 4-Chloro-3-methylphenol    | 12.05 | 107 | 634748  | 20.212 | ng/ul  | 96 |
| 34) 2-Methylnaphthalene        | 12.43 | 142 | 1495716 | 20.083 | ng/ul  | 99 |

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM091217\  
 Data File : BM011510.D  
 Acq On : 12 Sep 2017 09:19  
 Operator : SJ/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Sep 13 06:39:47 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Sep 12 17:48:41 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 35) 1-Methylnaphthalene        | 12.66 | 142  | 1439013  | 20.287 | ng/ul# | 96       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.80 | 216  | 692055   | 19.635 | ng/ul# | 95       |
| 38) Hexachlorocyclopentadiene  | 12.78 | 237  | 332109   | 16.811 | ng/ul# | 99       |
| 39) 2,4,6-Trichlorophenol      | 13.04 | 196  | 451234   | 18.804 | ng/ul  | 100      |
| 40) 2,4,5-Trichlorophenol      | 13.11 | 196  | 475309   | 19.535 | ng/ul  | 97       |
| 41) 1,1'-Biphenyl              | 13.44 | 154  | 1942878  | 19.650 | ng/ul# | 94       |
| 42) 2-Chloronaphthalene        | 13.49 | 162  | 1446410  | 19.442 | ng/ul  | 98       |
| 43) 2-Nitroaniline             | 13.69 | 65   | 465318   | 20.138 | ng/ul  | 84       |
| 45) Dimethylphthalate          | 14.06 | 163  | 1881502  | 19.564 | ng/ul# | 98       |
| 46) 2,6-Dinitrotoluene         | 14.18 | 165  | 330780   | 19.475 | ng/ul  | 93       |
| 48) Acenaphthylene             | 14.33 | 152  | 2473478  | 20.229 | ng/ul  | 98       |
| 49) 3-Nitroaniline             | 14.51 | 138  | 387388   | 18.497 | ng/ul  | 97       |
| 50) Acenaphthene               | 14.67 | 153  | 1652616  | 20.004 | ng/ul  | 99       |
| 51) 2,4-Dinitrophenol          | 14.71 | 184  | 169223   | 16.126 | ng/ul# | 73       |
| 53) 4-Nitrophenol              | 14.80 | 109  | 232728   | 19.182 | ng/ul# | 56       |
| 54) Dibenzofuran               | 15.00 | 168  | 2302634  | 19.926 | ng/ul  | 97       |
| 55) 2,4-Dinitrotoluene         | 14.96 | 165  | 505248   | 20.236 | ng/ul# | 75       |
| 56) 2,3,4,6-Tetrachlorophenol  | 15.22 | 232  | 434265   | 19.583 | ng/ul# | 76       |
| 57) Diethylphthalate           | 15.42 | 149  | 2003374  | 20.017 | ng/ul  | 96       |
| 59) Fluorene                   | 15.65 | 166  | 2007852  | 20.731 | ng/ul  | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.64 | 204  | 920110   | 20.276 | ng/ul# | 90       |
| 61) 4-Nitroaniline             | 15.67 | 138  | 414119   | 18.459 | ng/ul  | 86       |
| 64) 4,6-Dinitro-2-methylphenol | 15.72 | 198  | 278502   | 17.151 | ng/ul  | 94       |
| 65) N-Nitrosodiphenylamine     | 15.85 | 169  | 1647133  | 19.855 | ng/ul  | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.53 | 248  | 546876   | 19.660 | ng/ul# | 92       |
| 67) Hexachlorobenzene          | 16.65 | 284  | 588374   | 19.215 | ng/ul# | 88       |
| 68) Atrazine                   | 16.80 | 200  | 553208   | 19.247 | ng/ul  | 96       |
| 69) Pentachlorophenol          | 16.99 | 266  | 340800   | 17.334 | ng/ul  | 97       |
| 70) Phenanthrene               | 17.39 | 178  | 3066515  | 20.201 | ng/ul  | 99       |
| 72) Anthracene                 | 17.48 | 178  | 3228807  | 20.728 | ng/ul  | 98       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.41 | 216  | 689076   | 18.987 | ng/uL  | 98       |
| 74) Pentachlorobenzene         | 14.92 | 250  | 709685   | 19.281 | ng/uL  | 98       |
| 75) Carbazole                  | 17.74 | 167  | 2818773  | 21.211 | ng/ul  | 98       |
| 76) Di-n-butylphthalate        | 18.30 | 149  | 3686158  | 21.118 | ng/ul  | 99       |
| 77) Fluoranthene               | 19.39 | 202  | 3575650  | 22.901 | ng/ul# | 87       |
| 80) Pvrene                     | 19.76 | 202  | 3846315  | 20.398 | ng/ul# | 84       |
| 81) Butylbenzylphthalate       | 20.64 | 149  | 1631611  | 18.815 | ng/ul  | 94       |
| 82) 3,3'-Dichlorobenzidine     | 21.42 | 252  | 1146265  | 19.530 | ng/ul# | 98       |
| 83) Benzo(a)anthracene         | 21.49 | 228  | 3655356  | 20.541 | ng/ul  | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.40 | 149  | 2583151  | 19.397 | ng/ul# | 96       |
| 85) Chrysene                   | 21.54 | 228  | 3280173  | 20.333 | ng/ul  | 99       |
| 87) Di-n-octyl phthalate       | 22.31 | 149  | 4441202  | 21.112 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 23.16 | 252  | 3563915  | 19.986 | ng/ul# | 96       |
| 89) Benzo(k)fluoranthene       | 23.21 | 252  | 3367538  | 19.664 | ng/ul# | 96       |
| 91) Benzo(a)pyrene             | 23.78 | 252  | 3369352  | 20.018 | ng/ul# | 95       |
| 92) Indeno(1,2,3-cd)pyrene     | 26.32 | 276  | 3746701  | 20.236 | ng/ul# | 84       |
| 93) Dibenzo(a,h)anthracene     | 26.33 | 278  | 3159825  | 20.127 | ng/ul# | 94       |
| 94) Benzo(a,h,i)perylene       | 27.07 | 276  | 3010209  | 20.076 | ng/ul# | 89       |

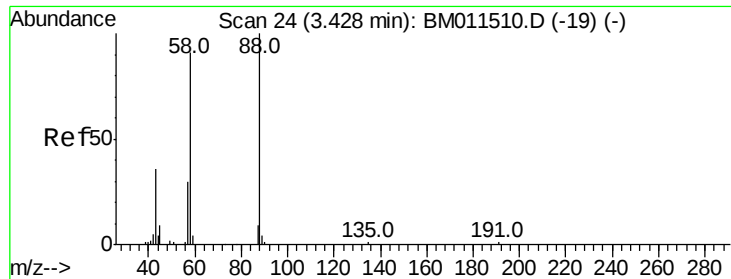
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM091217\  
Data File : BM011510.D  
Acq On : 12 Sep 2017 09:19  
Operator : SJ/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

Quant Time: Sep 13 06:39:47 2017  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Sep 12 17:48:41 2017  
Response via : Initial Calibration

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





#2

1,4-Dioxane

Concen: 8.233 ng/uL

RT: 3.43 min Scan# 24

Delta R.T. -0.01 min

Lab File: BM011510.D

Acq: 12 Sep 2017 09:19

Instrument :

BNA\_M

ClientSampleId :

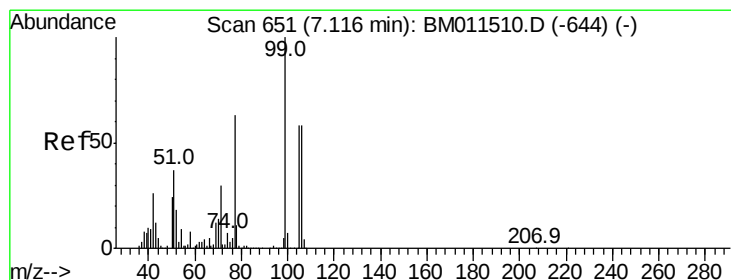
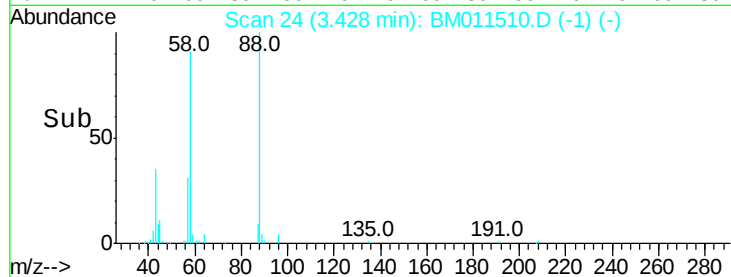
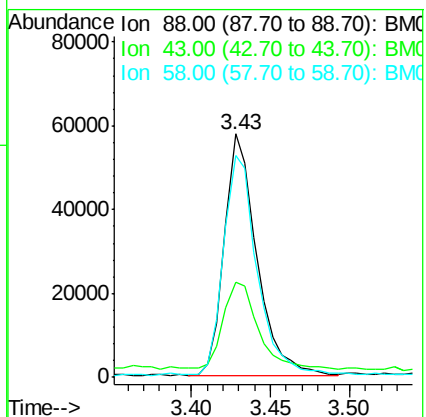
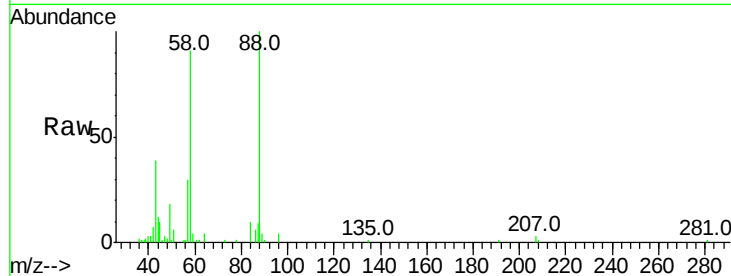
Tot Ion: 88 Resp: 82392

Ion Ratio Lower Upper

88 100

43 39.2 29.0 43.4

58 91.1 45.9 68.9#



#4

Benzaldehyde

Concen: 18.636 ng/uL

RT: 7.12 min Scan# 651

Delta R.T. -0.00 min

Lab File: BM011510.D

Acq: 12 Sep 2017 09:19

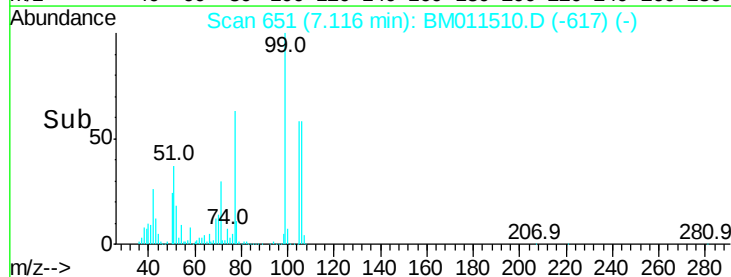
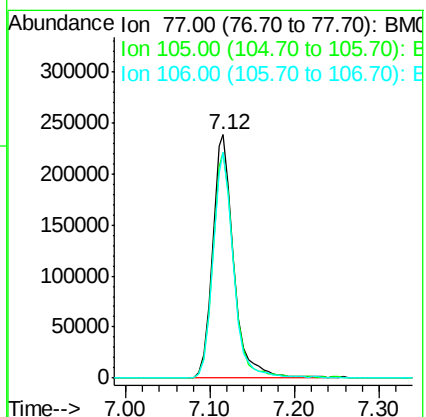
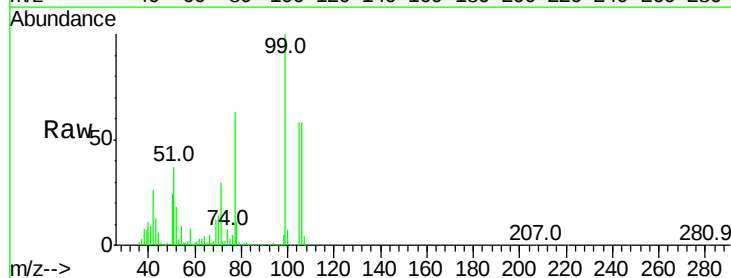
Tgt Ion: 77 Resp: 419941

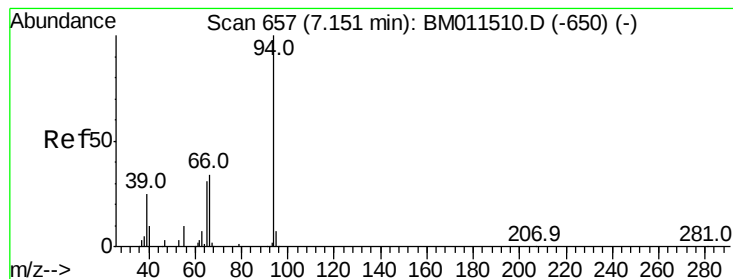
Ion Ratio Lower Upper

77 100

105 92.7 71.0 106.6

106 92.9 69.5 104.3





#6

Phenol

Concen: 19.634 ng/ul

RT: 7.15 min Scan# 657

Delta R.T. -0.00 min

Lab File: BM011510.D

Acq: 12 Sep 2017 09:19

Instrument :

BNA\_M

ClientSampleId :

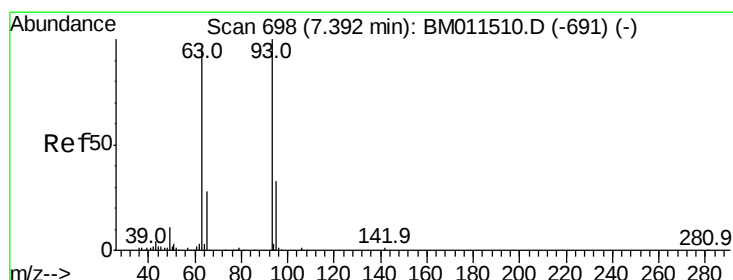
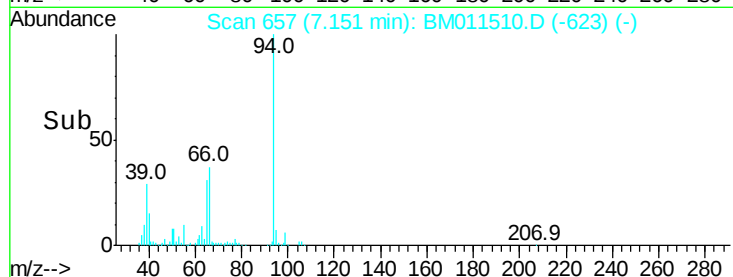
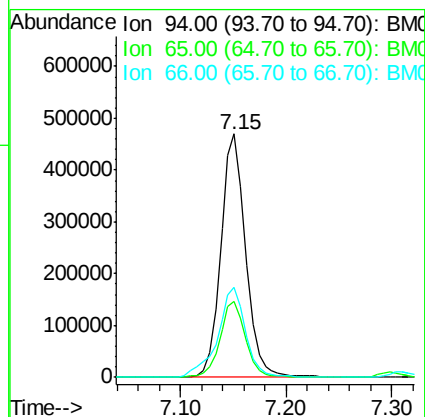
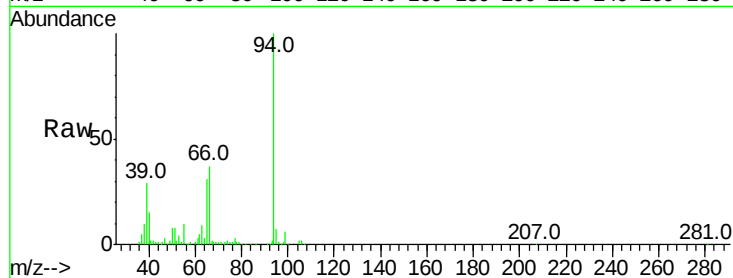
Tot Ion: 94 Resp: 768600

Ion Ratio Lower Upper

94 100

65 31.2 23.0 34.6

66 36.7 30.4 45.6



#8

Bis(2-Chloroethyl)ether

Concen: 19.650 ng/ul

RT: 7.39 min Scan# 698

Delta R.T. -0.00 min

Lab File: BM011510.D

Acq: 12 Sep 2017 09:19

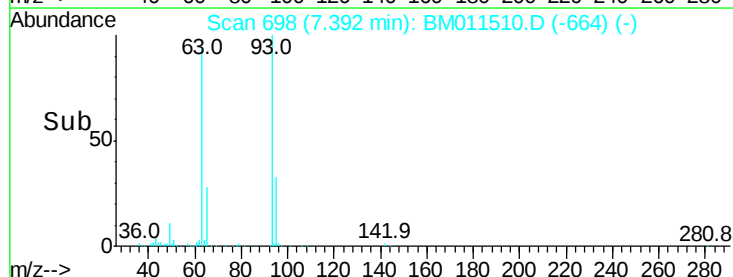
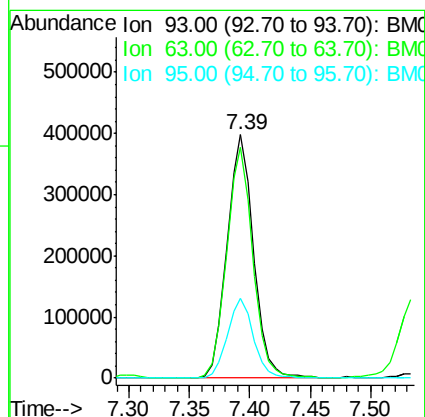
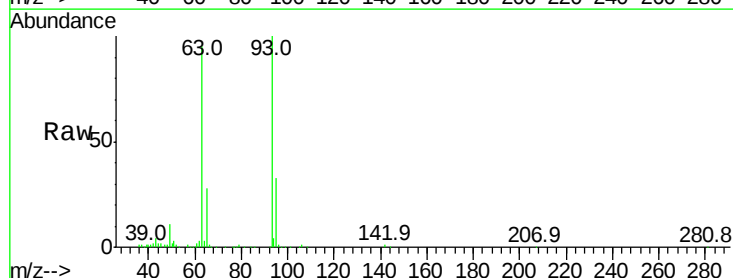
Tgt Ion: 93 Resp: 605584

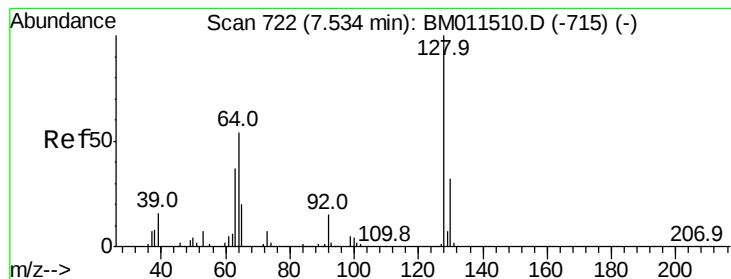
Ion Ratio Lower Upper

93 100

63 94.7 59.4 89.2#

95 32.8 26.4 39.6





#10

2-Chlorophenol

Concen: 19.729 ng/ul

RT: 7.53 min Scan# 722

Delta R.T. -0.01 min

Lab File: BM011510.D

Acq: 12 Sep 2017 09:19

Instrument :

BNA\_M

ClientSampleId :

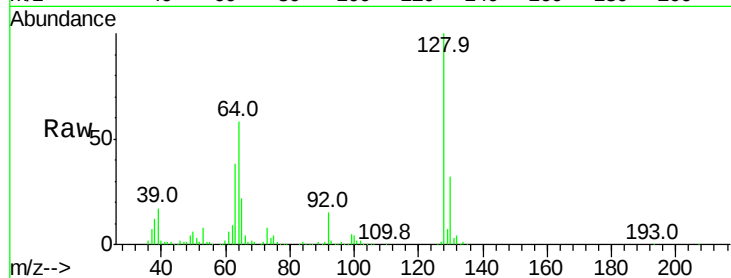
Tot Ion:128 Resp: 572000

Ion Ratio Lower Upper

128 100

64 57.7 39.8 59.6

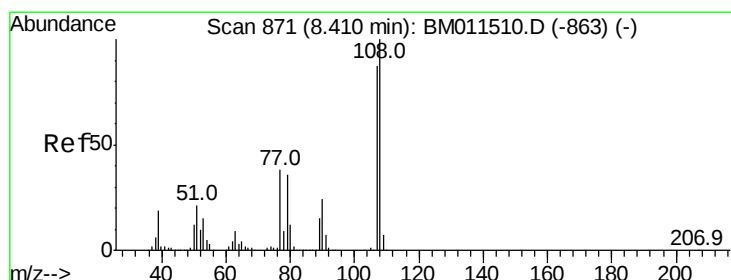
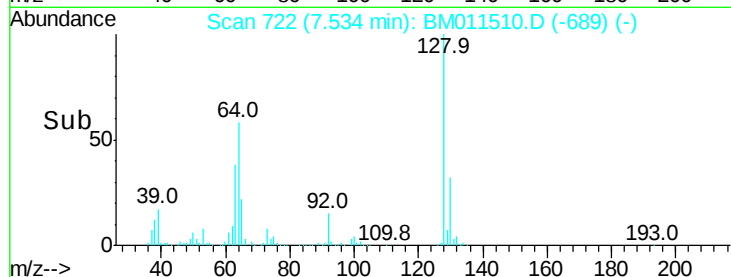
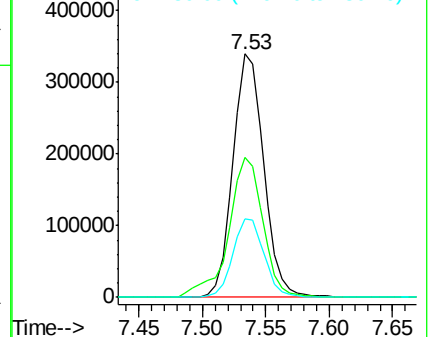
130 32.2 25.8 38.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 19.361 ng/ul

RT: 8.41 min Scan# 871

Delta R.T. -0.00 min

Lab File: BM011510.D

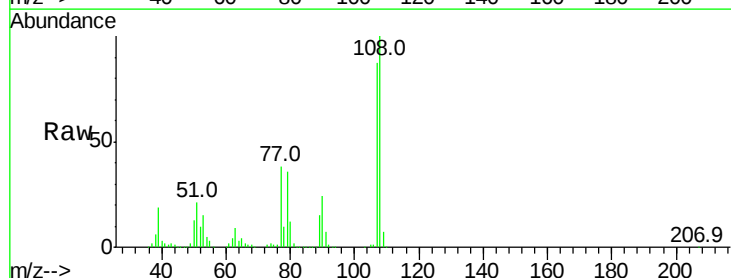
Acq: 12 Sep 2017 09:19

Tgt Ion:108 Resp: 574657

Ion Ratio Lower Upper

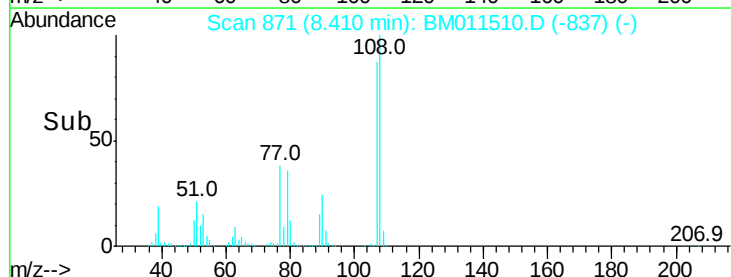
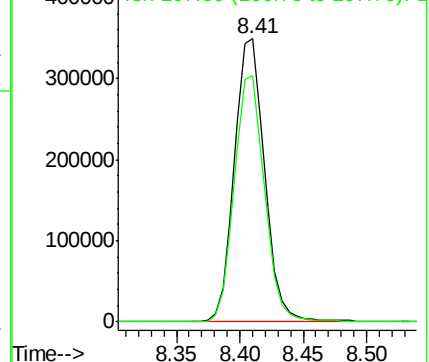
108 100

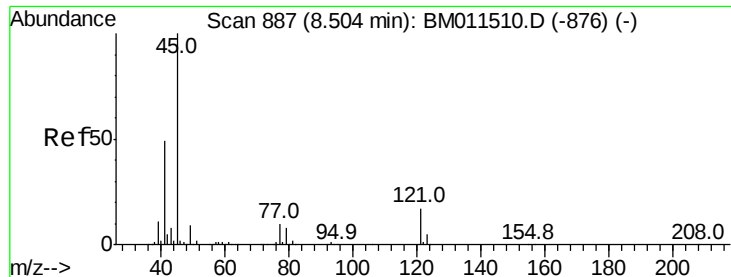
107 86.8 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

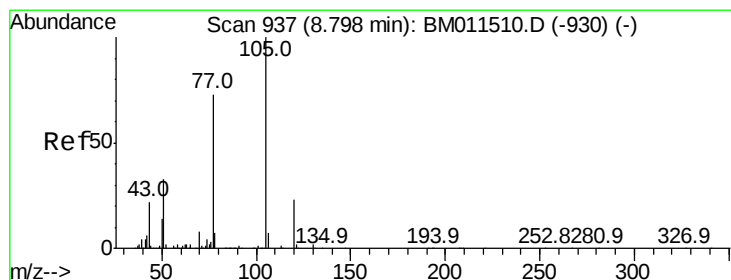
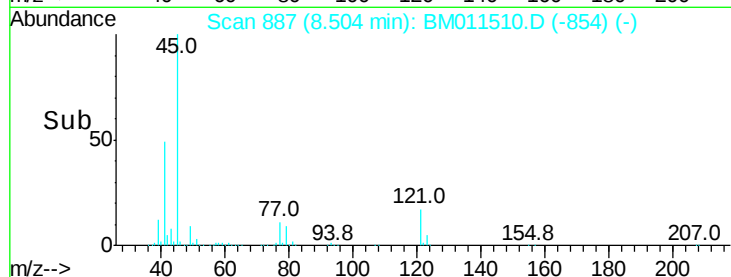
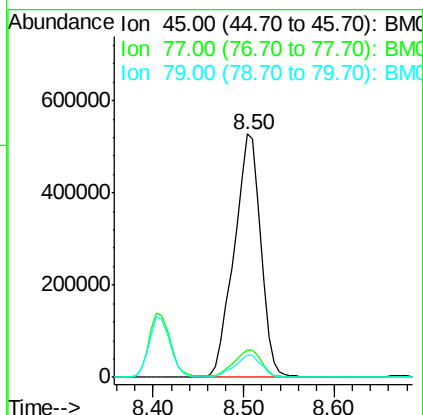
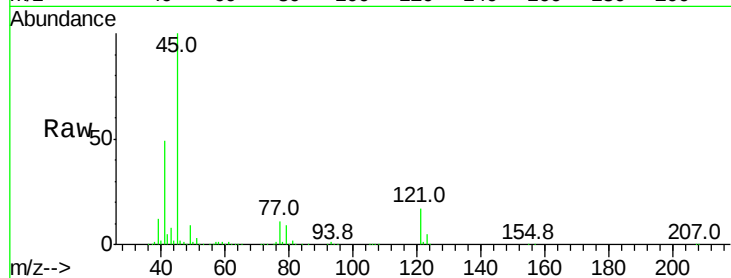




#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 21.570 ng/ul  
RT: 8.50 min Scan# 887  
Delta R.T. -0.01 min  
Lab File: BM011510.D  
Acq: 12 Sep 2017 09:19

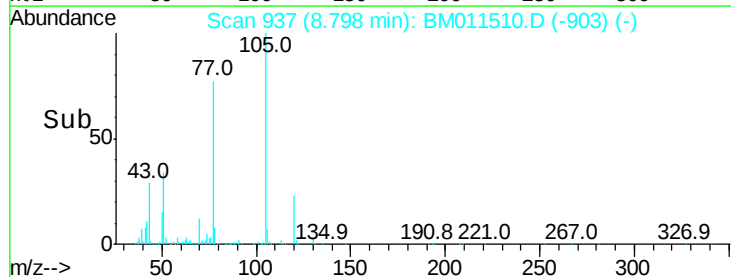
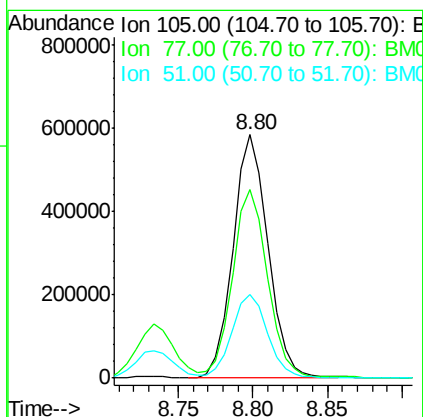
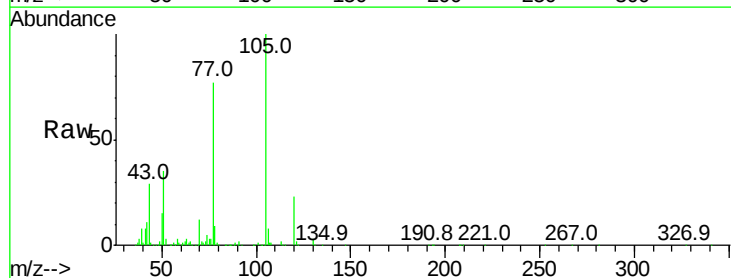
Instrument :  
BNA\_M  
ClientSampleId :

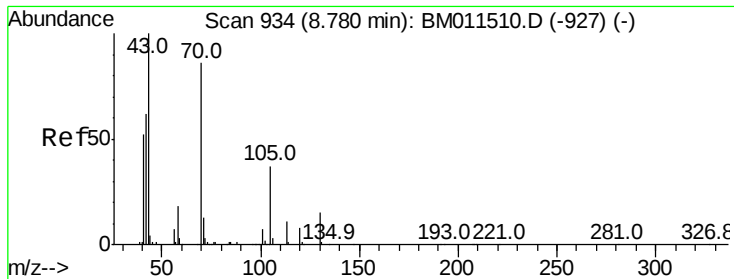
Tot Ion: 45 Resp: 1077460  
Ion Ratio Lower Upper  
45 100  
77 11.3 12.5 18.7#  
79 8.9 9.4 14.2#



#14  
Acetophenone  
Concen: 20.122 ng/ul  
RT: 8.80 min Scan# 937  
Delta R.T. -0.00 min  
Lab File: BM011510.D  
Acq: 12 Sep 2017 09:19

Tgt Ion: 105 Resp: 946913  
Ion Ratio Lower Upper  
105 100  
77 77.2 63.2 94.8  
51 34.6 19.8 29.8#

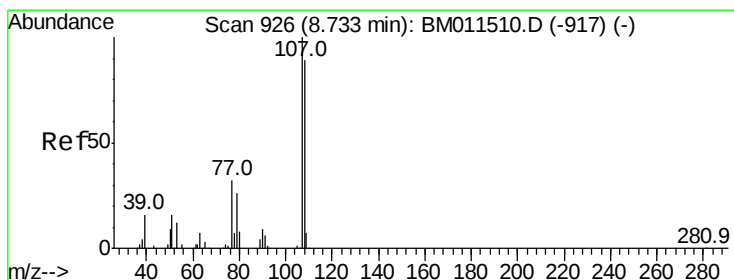
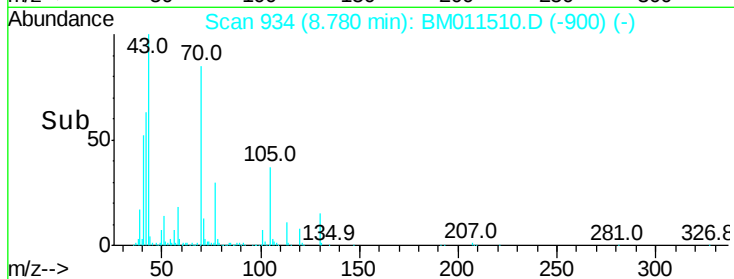
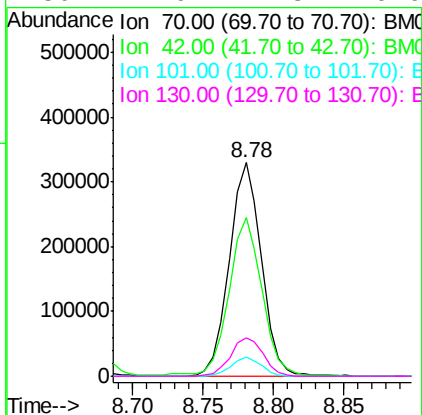
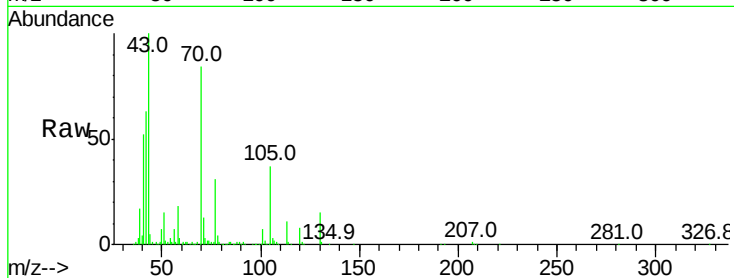




#15  
N-Nitroso-di-n-propylamine  
Concen: 20.659 ng/ul  
RT: 8.78 min Scan# 934  
Delta R.T. -0.00 min  
Lab File: BM011510.D  
Acq: 12 Sep 2017 09:19

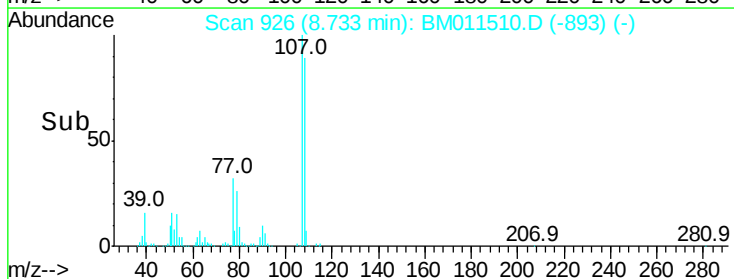
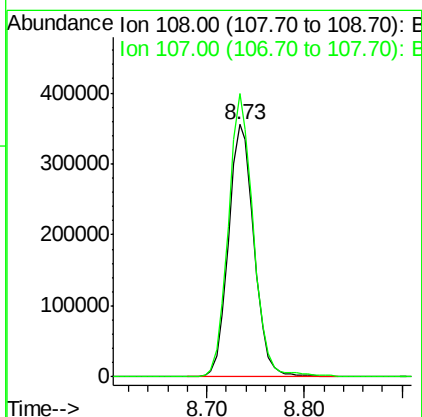
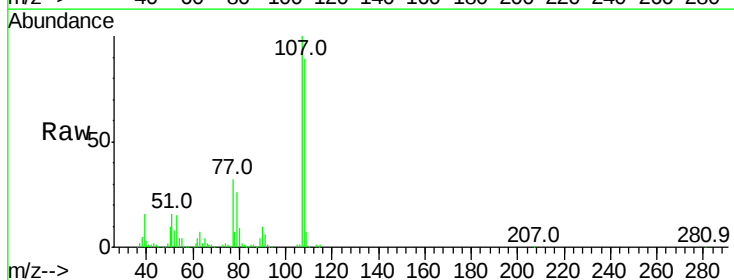
Instrument :  
BNA\_M  
ClientSampleId :

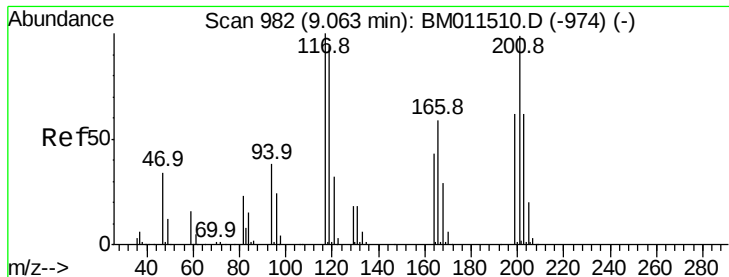
Tot Ion: 70 Resp: 521667  
Ion Ratio Lower Upper  
70 100  
42 74.2 40.2 60.4#  
101 8.7 7.7 11.5  
130 17.9 17.8 26.6



#16  
4-Methylphenol  
Concen: 19.863 ng/ul  
RT: 8.73 min Scan# 926  
Delta R.T. -0.01 min  
Lab File: BM011510.D  
Acq: 12 Sep 2017 09:19

Tgt Ion: 108 Resp: 645064  
Ion Ratio Lower Upper  
108 100  
107 112.2 93.6 140.4

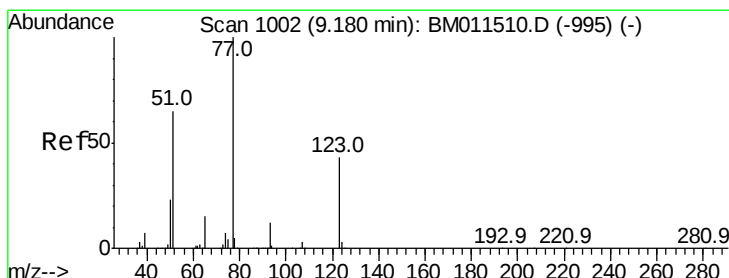
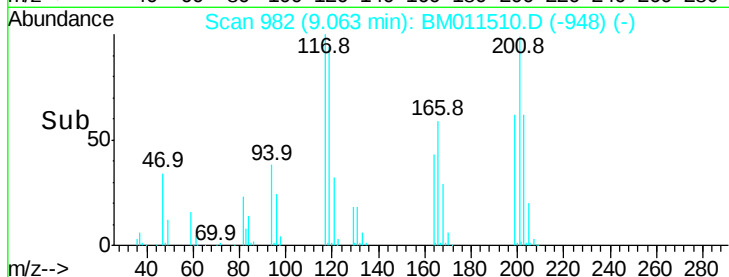
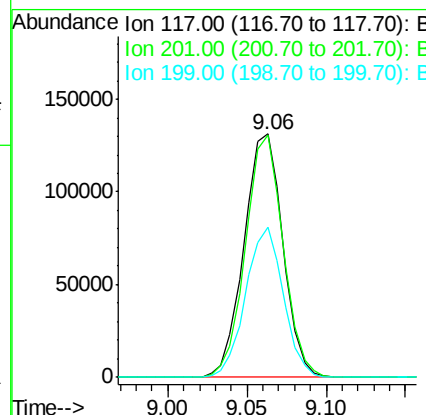
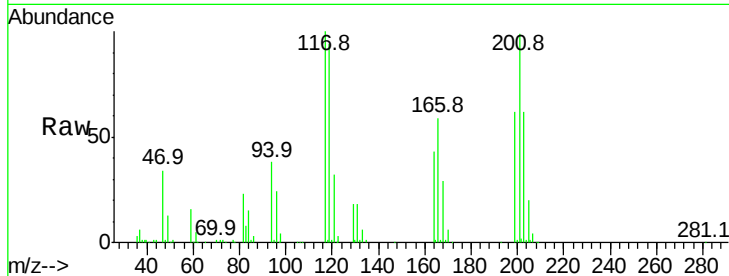




#17  
Hexachloroethane  
Concen: 20.213 ng/ul  
RT: 9.06 min Scan# 982  
Delta R.T. -0.00 min  
Lab File: BM011510.D  
Acq: 12 Sep 2017 09:19

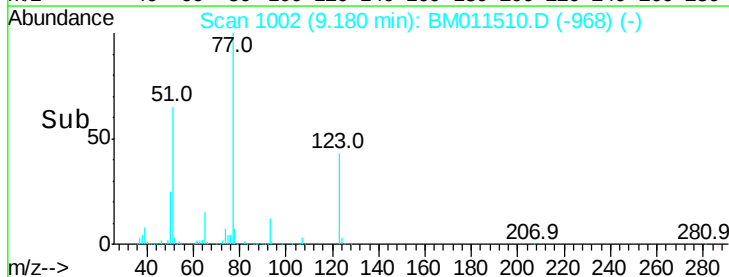
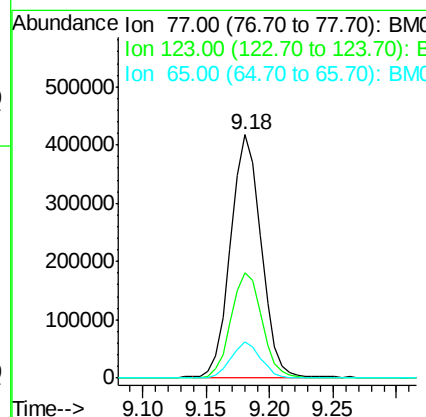
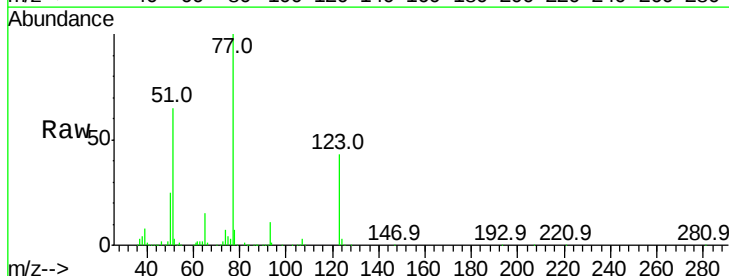
Instrument :  
BNA\_M  
ClientSampleId :

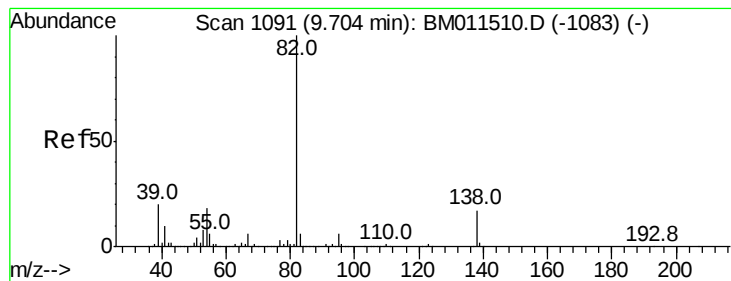
Tot Ion:117 Resp: 224034  
Ion Ratio Lower Upper  
117 100  
201 101.8 96.1 144.1  
199 61.8 59.7 89.5



#20  
Nitrobenzene  
Concen: 20.103 ng/ul  
RT: 9.18 min Scan# 1002  
Delta R.T. -0.00 min  
Lab File: BM011510.D  
Acq: 12 Sep 2017 09:19

Tgt Ion: 77 Resp: 693992  
Ion Ratio Lower Upper  
77 100  
123 43.2 31.8 47.8  
65 15.0 10.6 16.0





#21

Isophorone

Concen: 20.035 ng/ul

RT: 9.70 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BM011510.D

Acq: 12 Sep 2017 09:19

Instrument :

BNA\_M

ClientSampled :

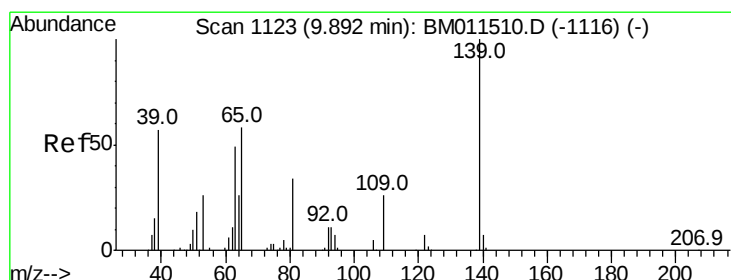
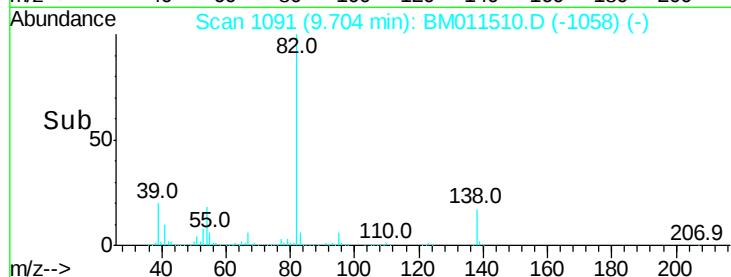
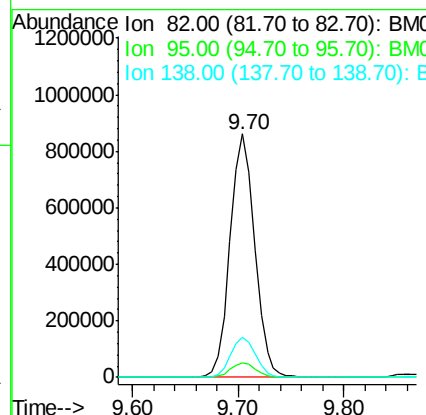
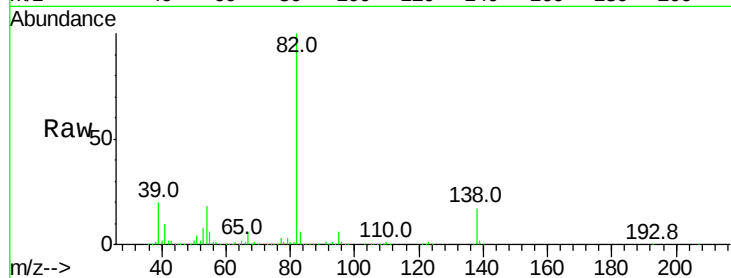
Tot Ion: 82 Resp: 1392605

Ion Ratio Lower Upper

82 100

95 5.9 6.1 9.1#

138 16.7 13.5 20.3



#23

2-Nitrophenol

Concen: 19.286 ng/ul

RT: 9.89 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BM011510.D

Acq: 12 Sep 2017 09:19

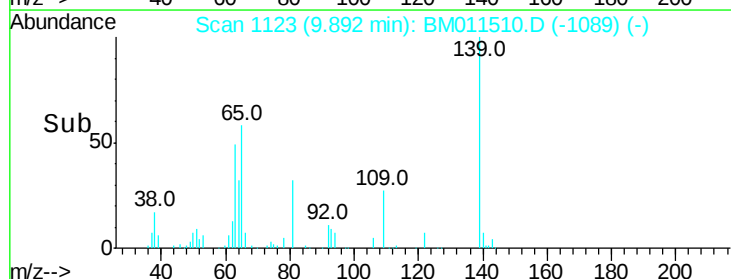
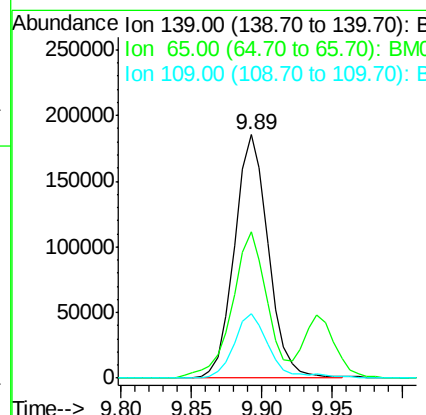
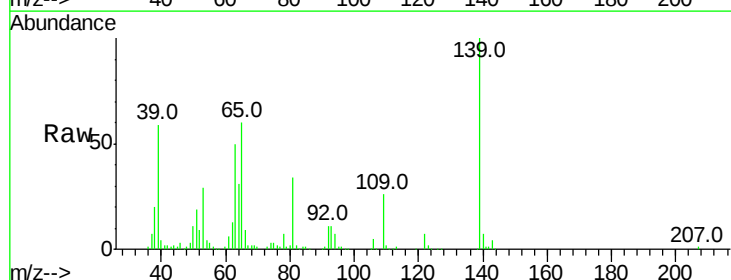
Tgt Ion: 139 Resp: 309265

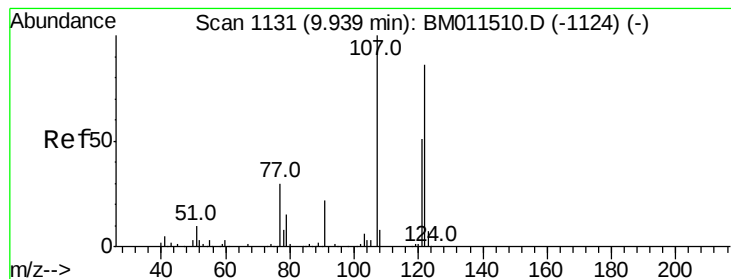
Ion Ratio Lower Upper

139 100

65 60.1 45.3 67.9

109 26.3 27.7 41.5#





#24

2,4-Dimethylphenol

Concen: 20.109 ng/ul

RT: 9.94 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BM011510.D

Acq: 12 Sep 2017 09:19

Instrument :

BNA\_M

ClientSampled :

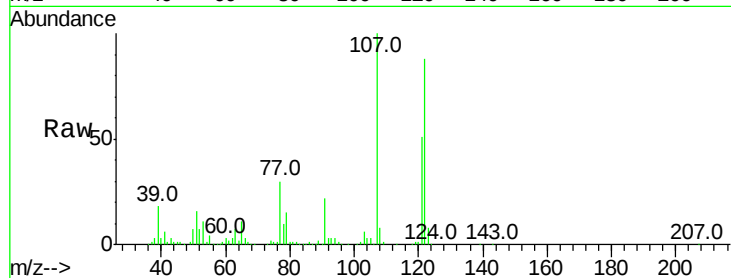
Tot Ion:107 Resp: 689964

Ion Ratio Lower Upper

107 100

121 51.1 38.1 57.1

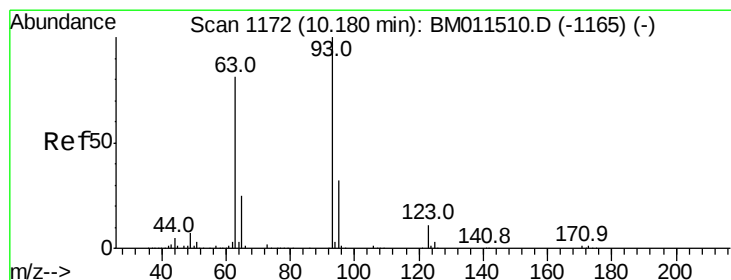
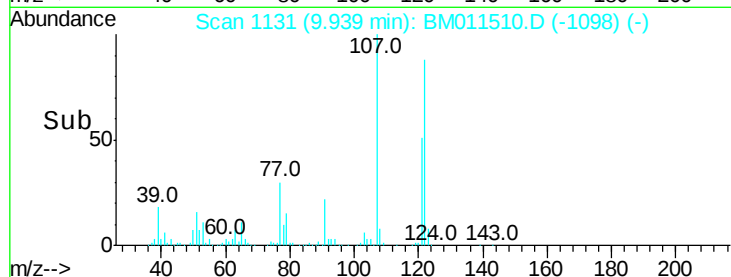
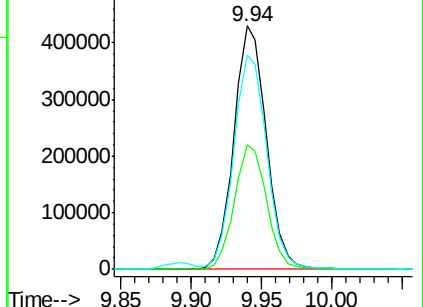
122 87.8 63.8 95.8



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 19.798 ng/ul

RT: 10.18 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BM011510.D

Acq: 12 Sep 2017 09:19

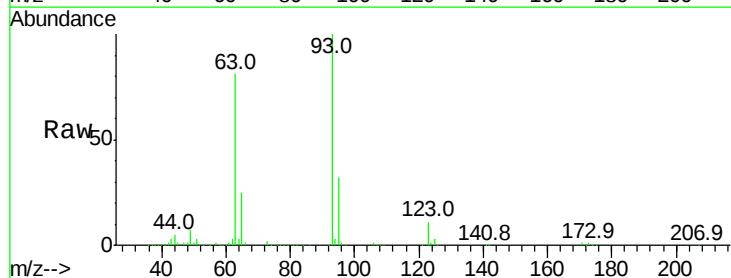
Tgt Ion: 93 Resp: 897278

Ion Ratio Lower Upper

93 100

95 32.0 24.7 37.1

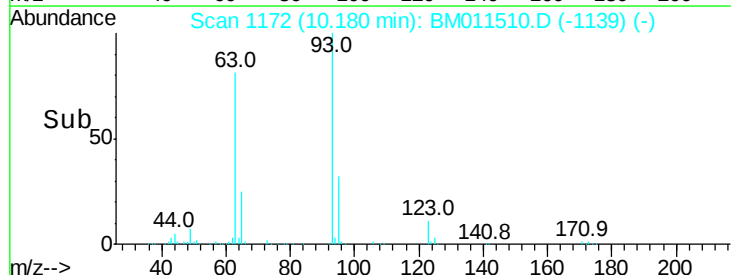
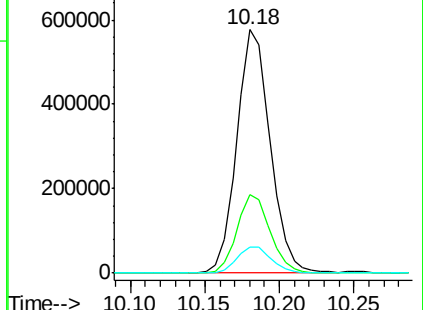
123 10.8 8.2 12.2

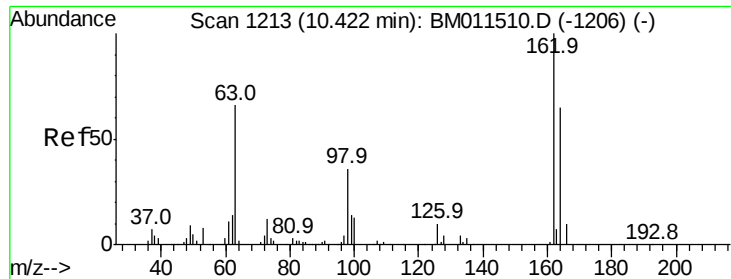


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

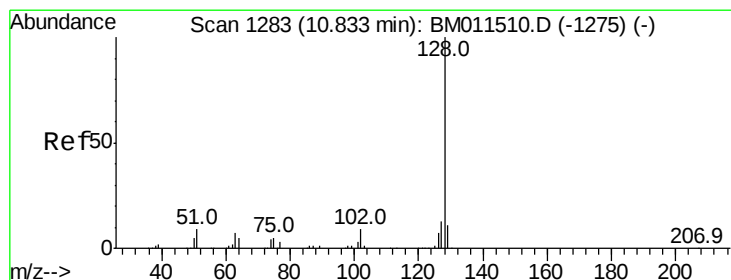
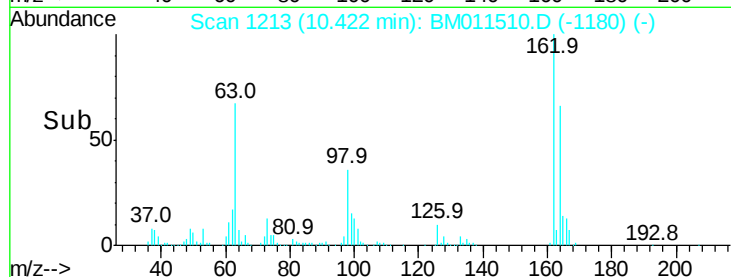
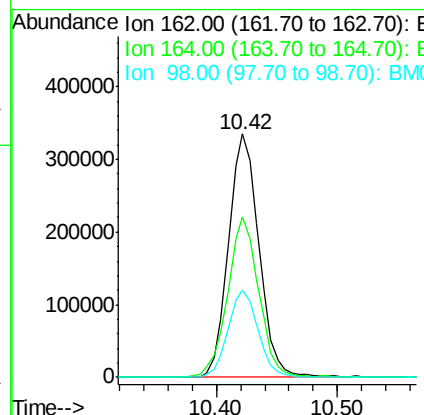
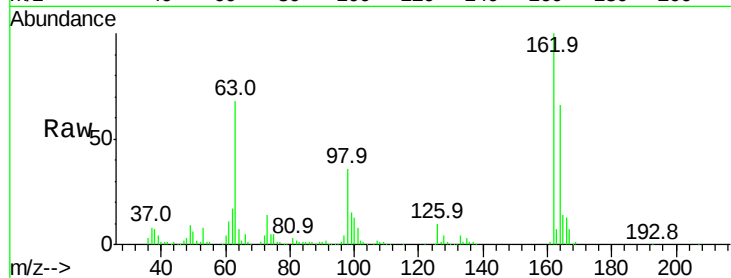




#27  
 2,4-Dichlorophenol  
 Concen: 19.794 ng/ul  
 RT: 10.42 min Scan# 1213  
 Delta R.T. -0.01 min  
 Lab File: BM011510.D  
 Acq: 12 Sep 2017 09:19

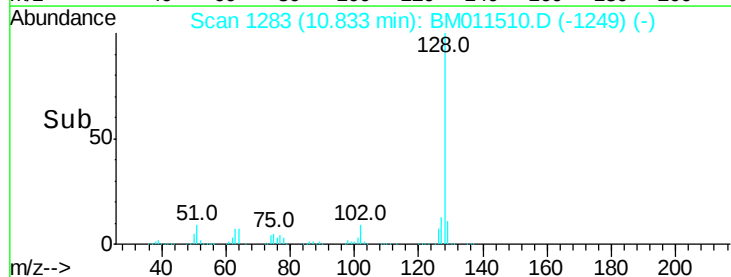
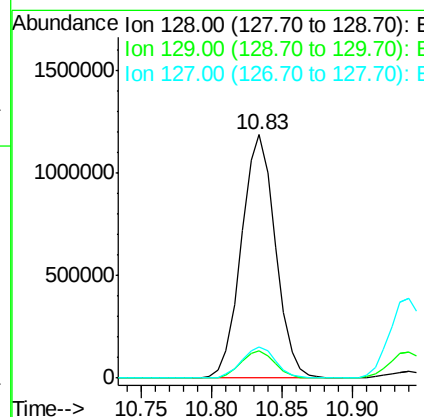
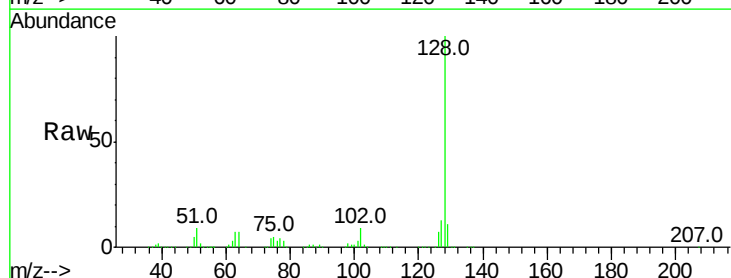
Instrument :  
 BNA\_M  
 ClientSampleId :

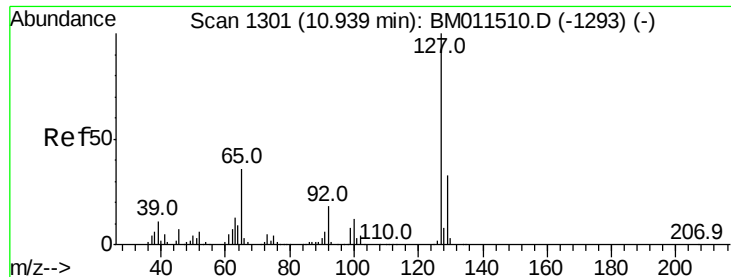
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.7  | 52.0  | 78.0  |
| 98      | 35.8  | 26.6  | 39.8  |



#28  
 Naphthalene  
 Concen: 19.896 ng/ul  
 RT: 10.83 min Scan# 1283  
 Delta R.T. -0.00 min  
 Lab File: BM011510.D  
 Acq: 12 Sep 2017 09:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.0  | 8.3   | 12.5  |
| 127     | 12.7  | 10.8  | 16.2  |

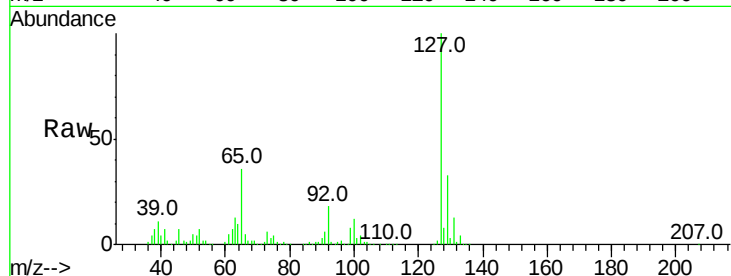




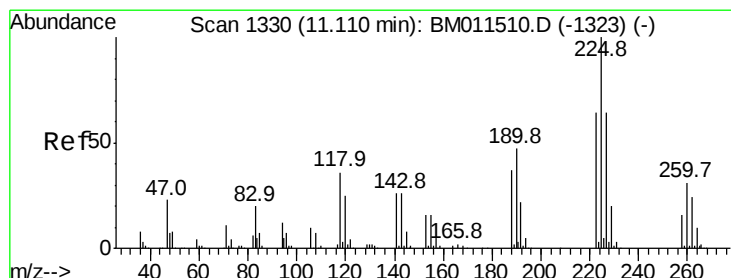
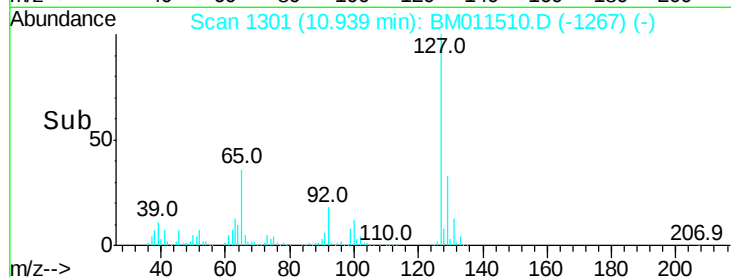
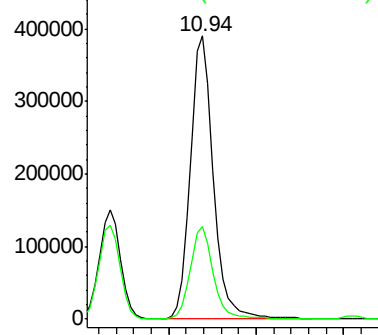
#30  
4-Chloroaniline  
Concen: 22.099 ng/ul  
RT: 10.94 min Scan# 1301  
Delta R.T. -0.00 min  
Lab File: BM011510.D  
Acq: 12 Sep 2017 09:19

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:127 Resp: 711914  
Ion Ratio Lower Upper  
127 100  
129 32.6 24.6 37.0

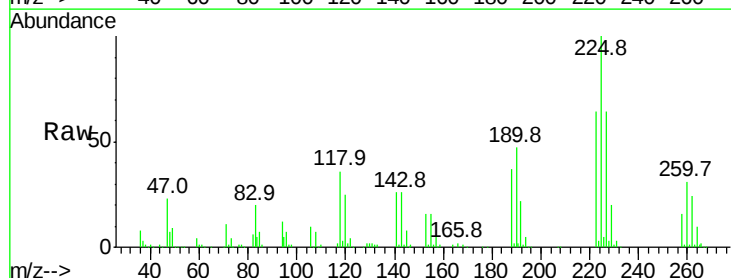


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E

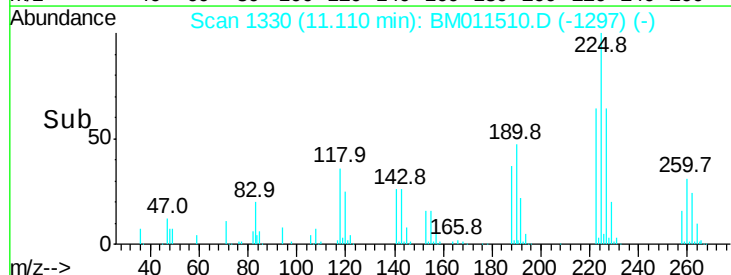
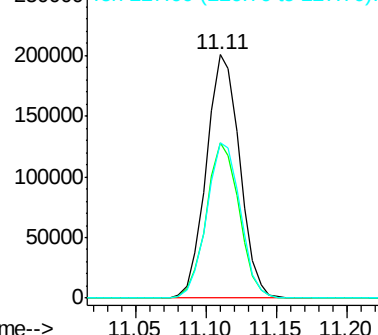


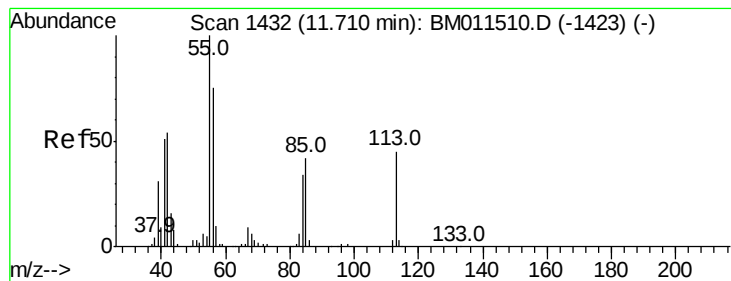
#31  
Hexachlorobutadiene  
Concen: 19.745 ng/ul  
RT: 11.11 min Scan# 1330  
Delta R.T. -0.01 min  
Lab File: BM011510.D  
Acq: 12 Sep 2017 09:19

Tgt Ion:225 Resp: 331960  
Ion Ratio Lower Upper  
225 100  
223 63.7 48.1 72.1  
227 63.6 52.1 78.1



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





#32

Caprolactam

Concen: 17.996 ng/ul

RT: 11.71 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BM011510.D

Acq: 12 Sep 2017 09:19

Instrument :

BNA\_M

ClientSampled :

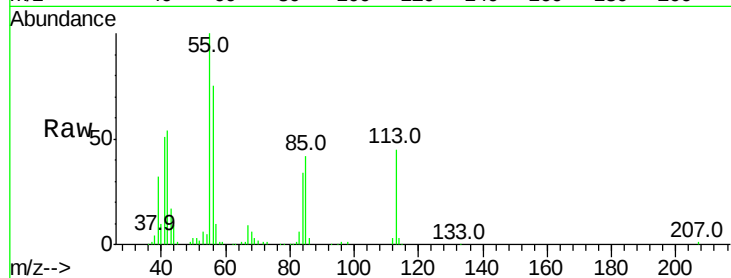
Tot Ion:113 Resp: 167804

Ion Ratio Lower Upper

113 100

55 224.0 131.7 197.5#

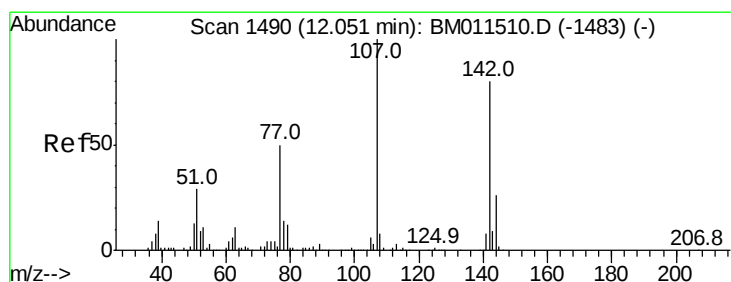
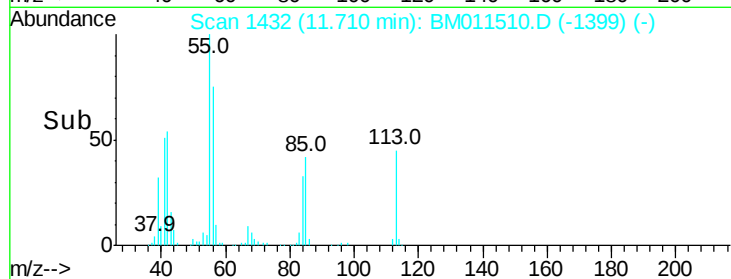
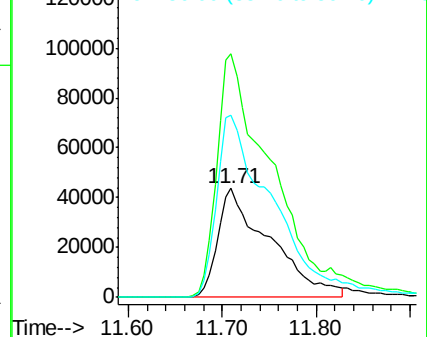
56 168.0 92.7 139.1#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 20.212 ng/ul

RT: 12.05 min Scan# 1490

Delta R.T. -0.00 min

Lab File: BM011510.D

Acq: 12 Sep 2017 09:19

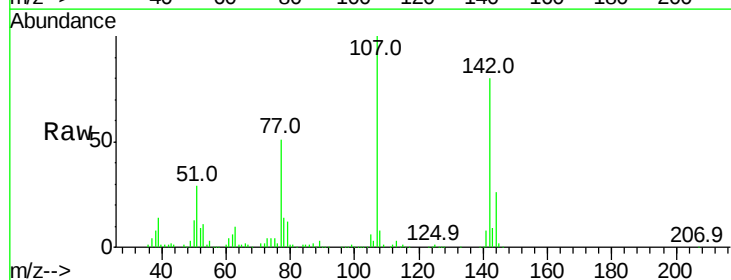
Tgt Ion:107 Resp: 634748

Ion Ratio Lower Upper

107 100

144 26.3 21.1 31.7

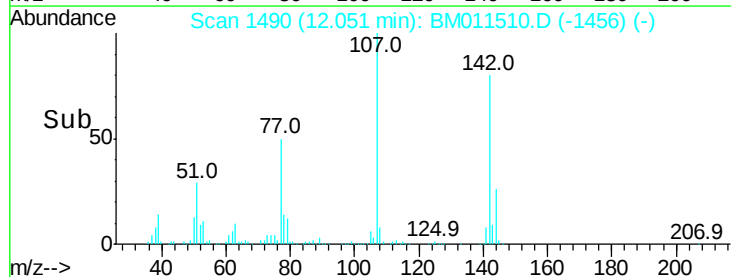
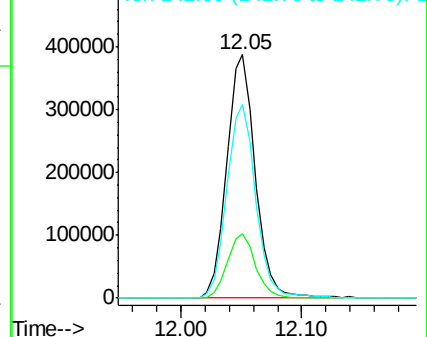
142 79.8 60.1 90.1

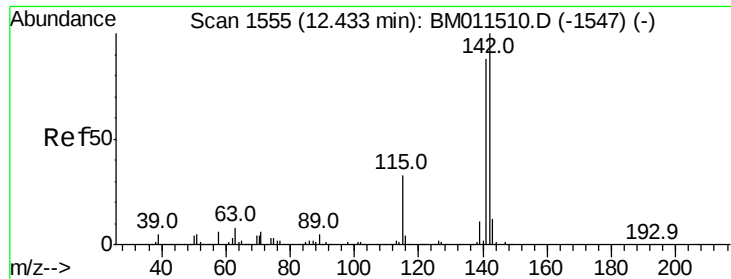


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

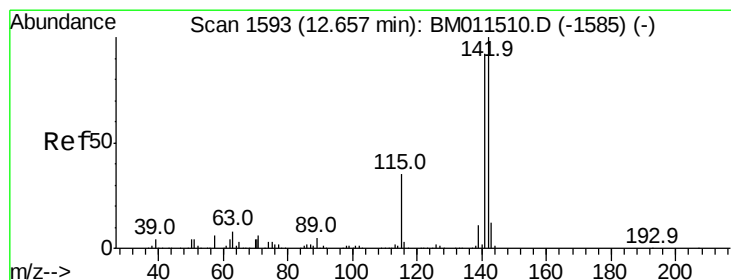
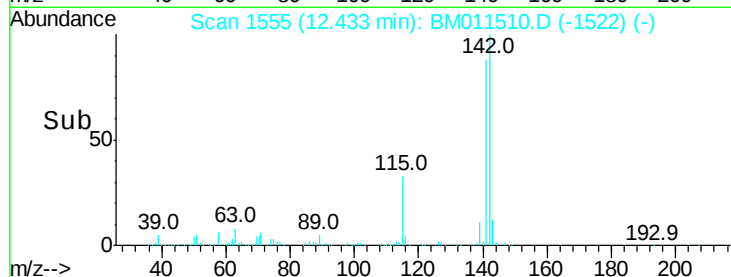
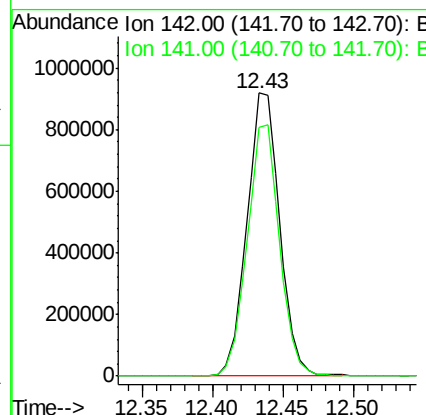
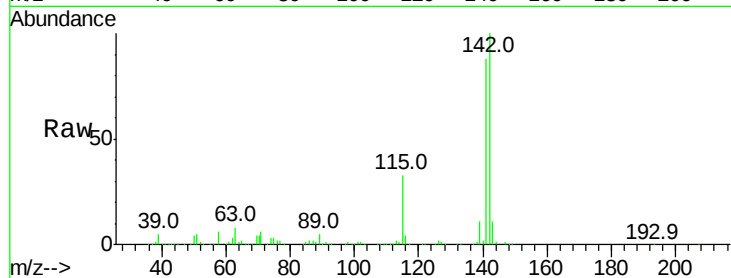




#34  
2-Methylnaphthalene  
Concen: 20.083 ng/ul  
RT: 12.43 min Scan# 1555  
Delta R.T. -0.01 min  
Lab File: BM011510.D  
Acq: 12 Sep 2017 09:19

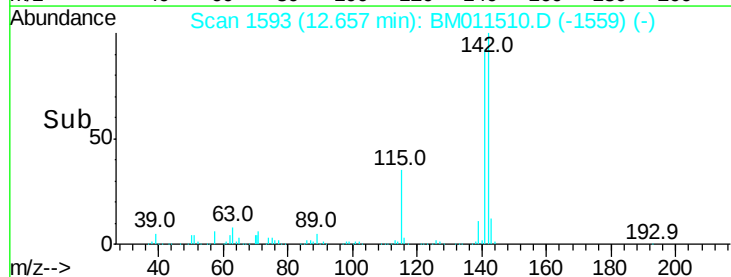
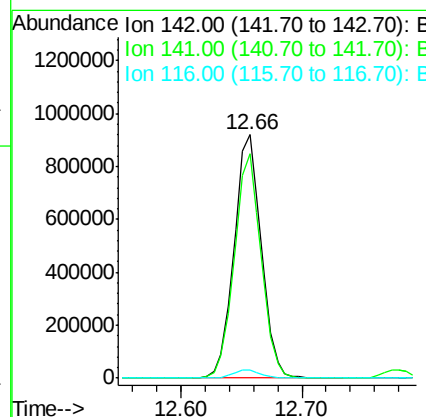
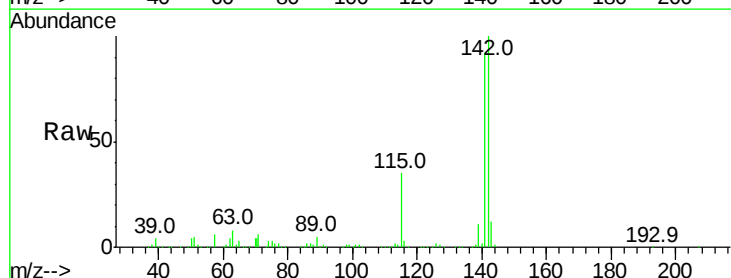
Instrument :  
BNA\_M  
ClientSampled :

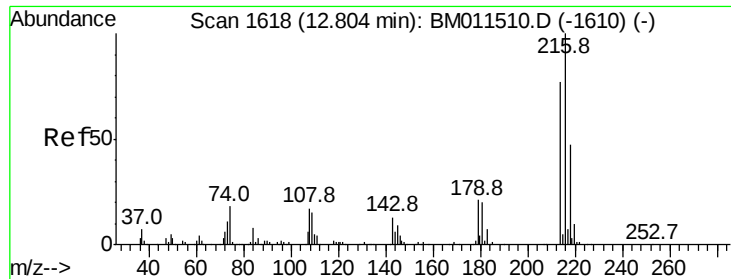
Tot Ion:142 Resp: 1495716  
Ion Ratio Lower Upper  
142 100  
141 88.0 71.4 107.2



#35  
1-Methylnaphthalene  
Concen: 20.287 ng/ul  
RT: 12.66 min Scan# 1593  
Delta R.T. -0.00 min  
Lab File: BM011510.D  
Acq: 12 Sep 2017 09:19

Tgt Ion:142 Resp: 1439013  
Ion Ratio Lower Upper  
142 100  
141 91.9 76.6 115.0  
116 3.2 3.6 5.4#

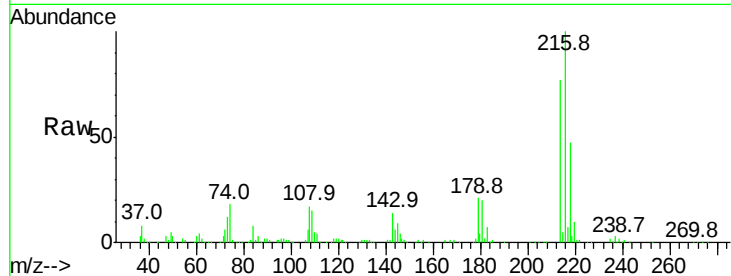




#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 19.635 ng/ul  
 RT: 12.80 min Scan# 1618  
 Delta R.T. -0.00 min  
 Lab File: BM011510.D  
 Acq: 12 Sep 2017 09:19

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 76.7  | 64.1  | 96.1  |
| 179     | 20.8  | 14.5  | 21.7  |
| 108     | 16.8  | 10.4  | 15.6  |

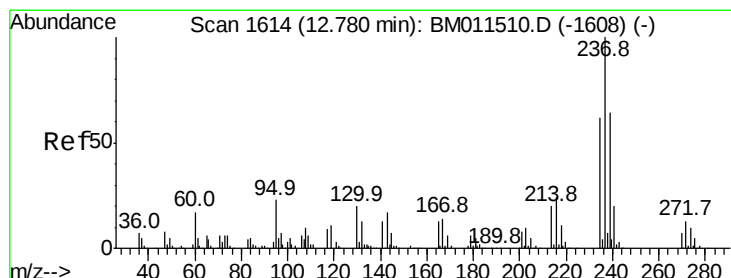
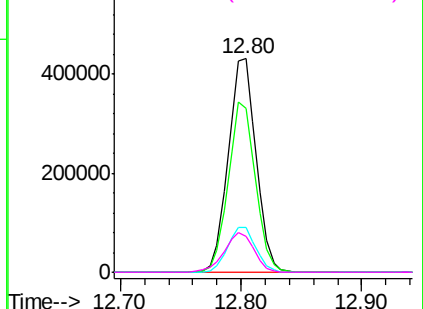
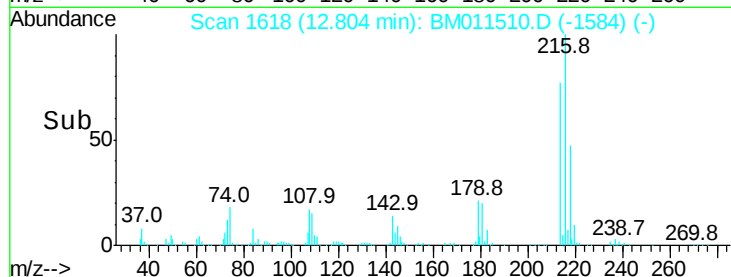


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

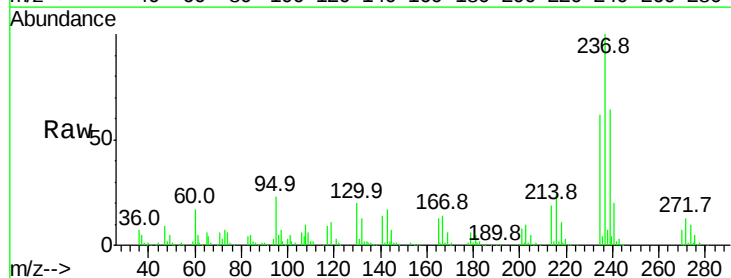
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#38  
 Hexachlorocyclopentadiene  
 Concen: 16.811 ng/ul  
 RT: 12.78 min Scan# 1614  
 Delta R.T. -0.00 min  
 Lab File: BM011510.D  
 Acq: 12 Sep 2017 09:19

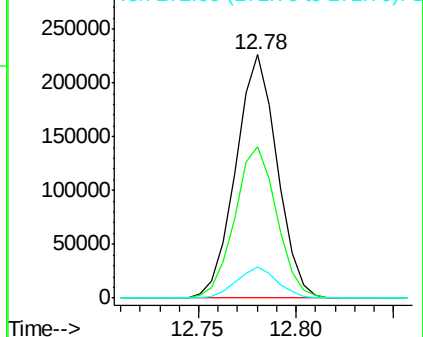
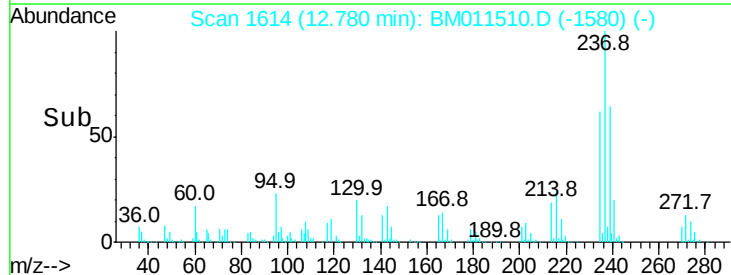
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 62.0  | 49.5  | 74.3  |
| 272     | 13.6  | 8.6   | 12.8  |

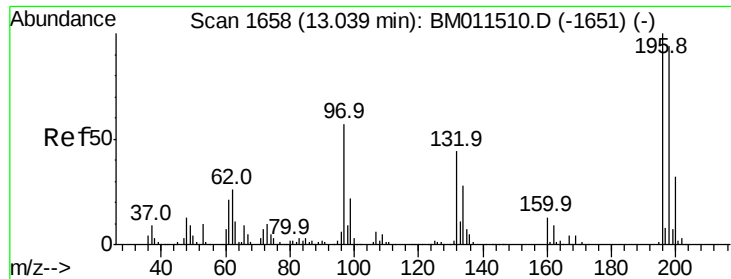


Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E





#39

2,4,6-Trichlorophenol

Concen: 18.804 ng/ul

RT: 13.04 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BM011510.D

Acq: 12 Sep 2017 09:19

Instrument :

BNA\_M

ClientSampleId :

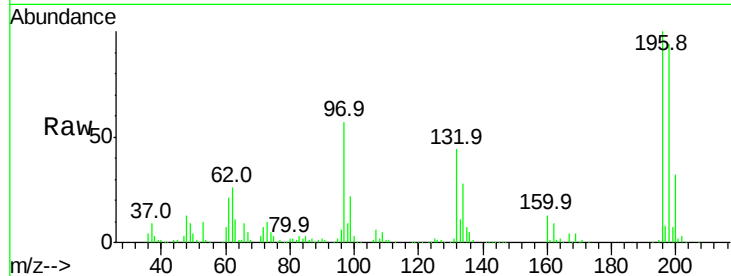
Tot Ion:196 Resp: 451234

Ion Ratio Lower Upper

196 100

198 94.3 75.9 113.9

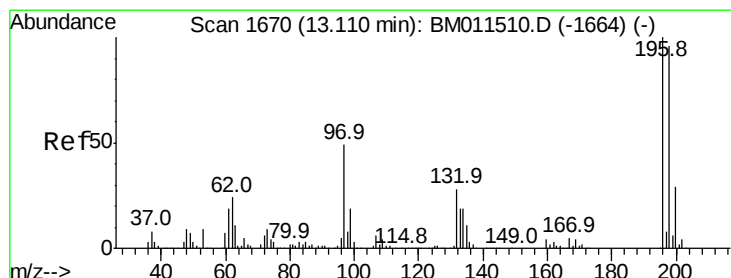
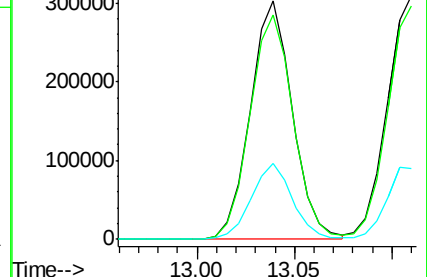
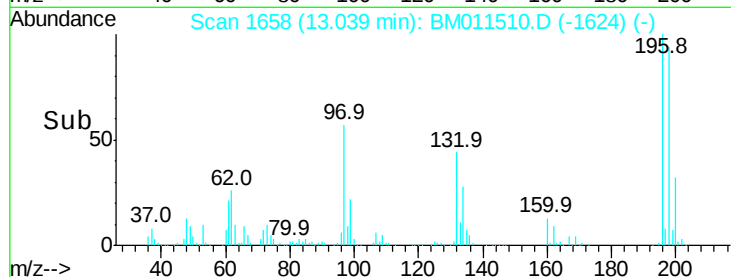
200 32.1 25.8 38.6



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



#40

2,4,5-Trichlorophenol

Concen: 19.535 ng/ul

RT: 13.11 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BM011510.D

Acq: 12 Sep 2017 09:19

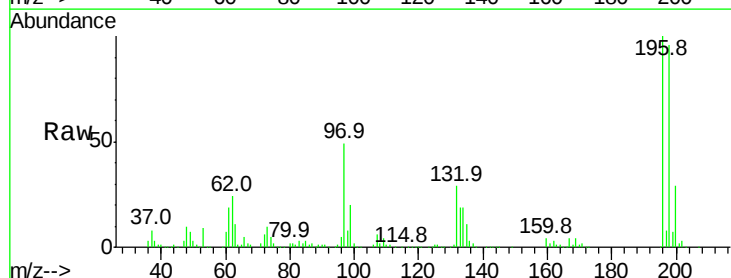
Tgt Ion:196 Resp: 475309

Ion Ratio Lower Upper

196 100

198 96.0 74.7 112.1

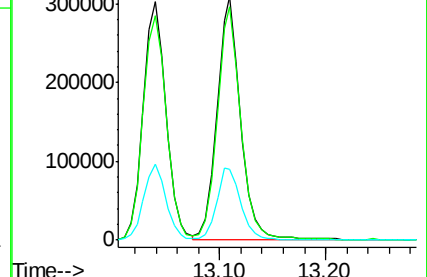
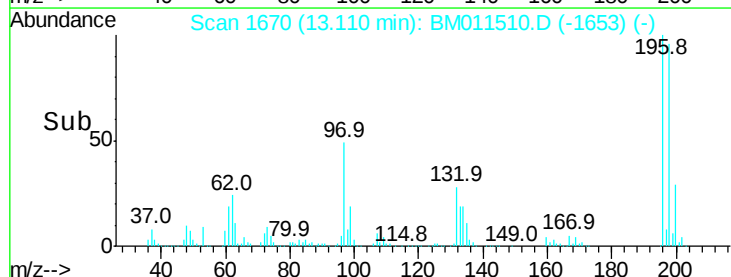
200 29.2 25.4 38.0

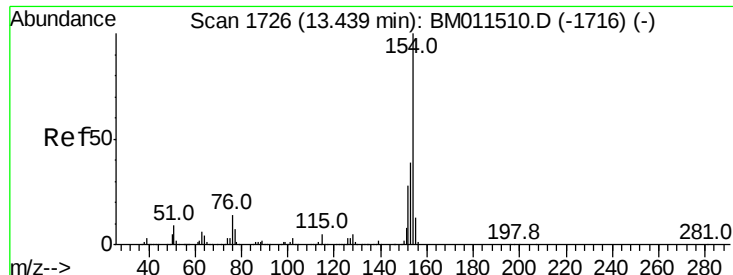


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#41

1,1'-Biphenyl

Concen: 19.650 ng/ul

RT: 13.44 min Scan# 1726

Delta R.T. -0.01 min

Lab File: BM011510.D

Acq: 12 Sep 2017 09:19

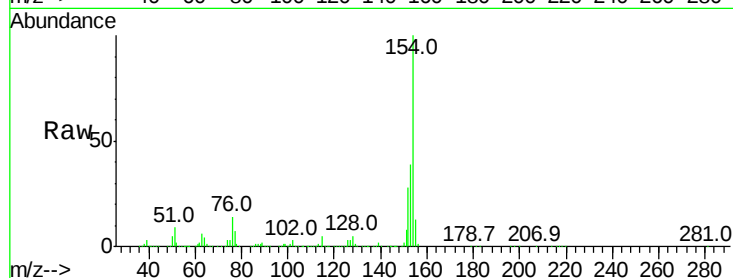
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:154 Resp: 1942878

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 39.5  | 34.0  | 51.0  |
| 76  | 14.4  | 8.4   | 12.6  |

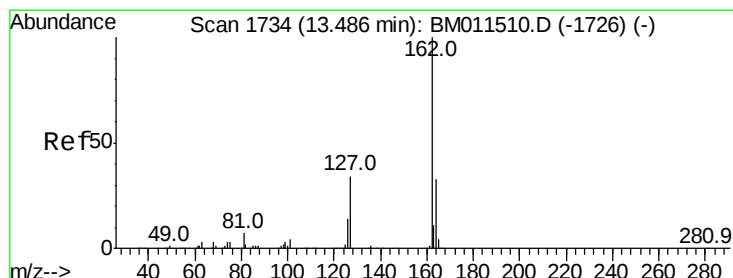
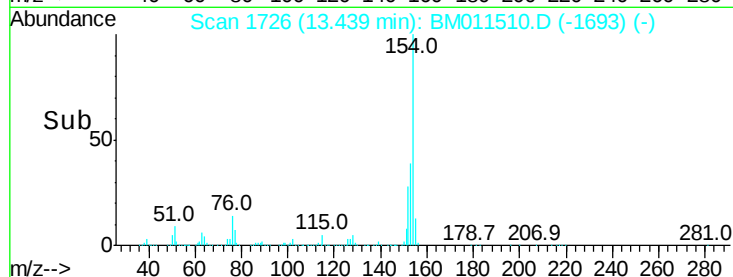
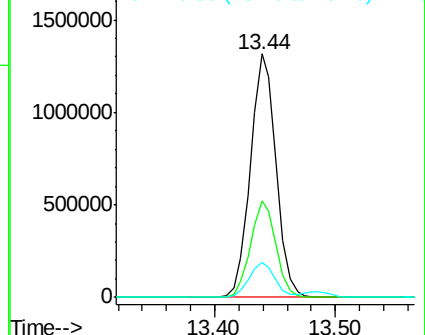


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#42

2-Chloronaphthalene

Concen: 19.442 ng/ul

RT: 13.49 min Scan# 1734

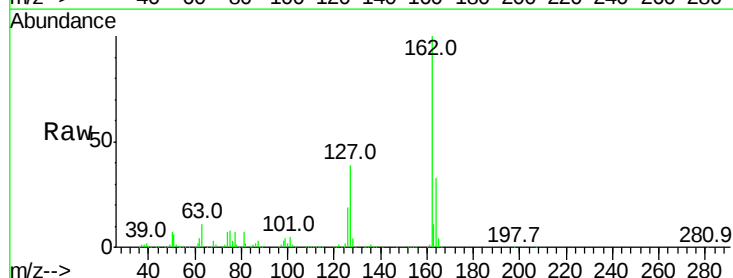
Delta R.T. -0.00 min

Lab File: BM011510.D

Acq: 12 Sep 2017 09:19

Tgt Ion:162 Resp: 1446410

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 164 | 32.7  | 26.2  | 39.4  |
| 127 | 38.6  | 29.5  | 44.3  |

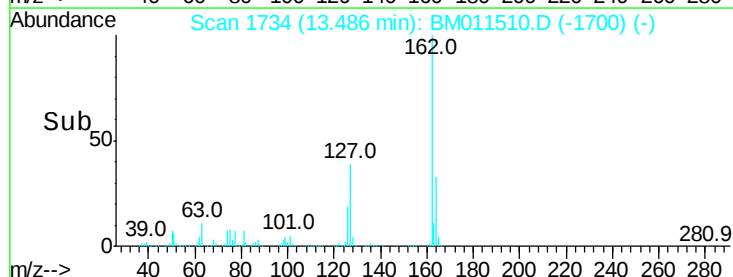
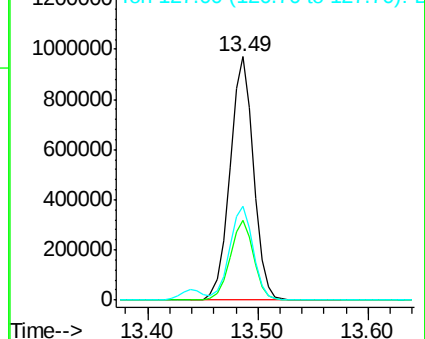


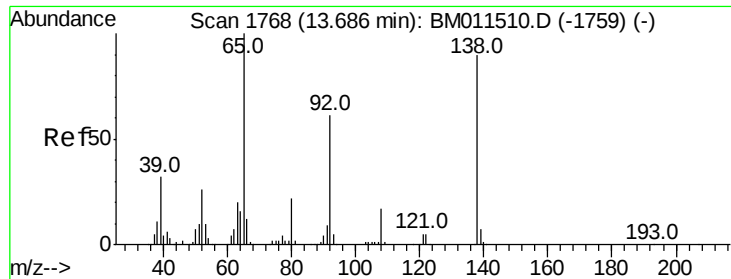
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E

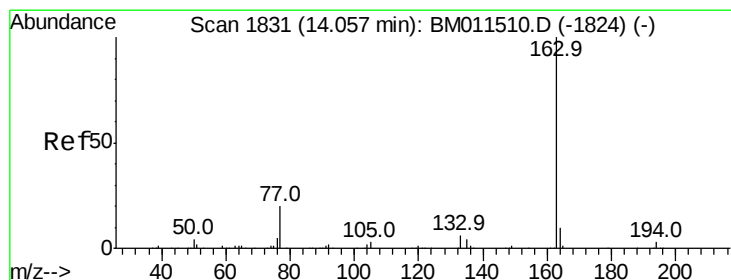
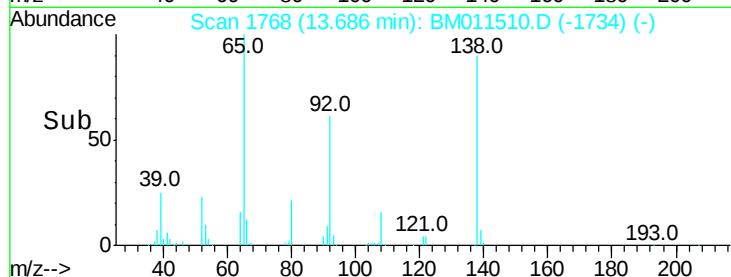
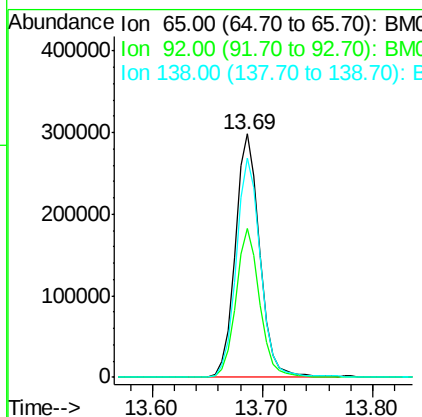
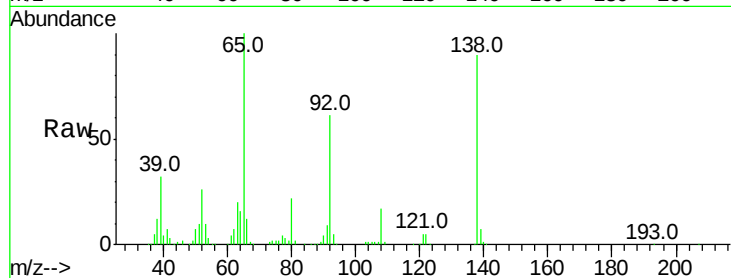




#43  
2-Nitroaniline  
Concen: 20.138 ng/ul  
RT: 13.69 min Scan# 1768  
Delta R.T. -0.00 min  
Lab File: BM011510.D  
Acq: 12 Sep 2017 09:19

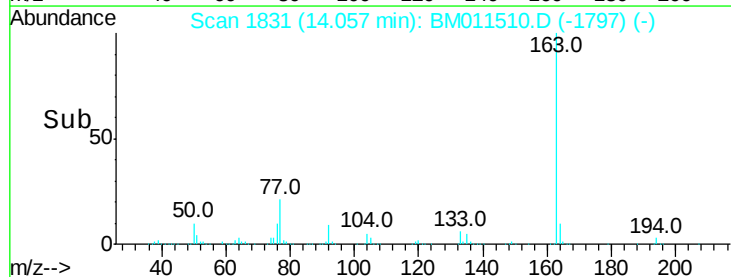
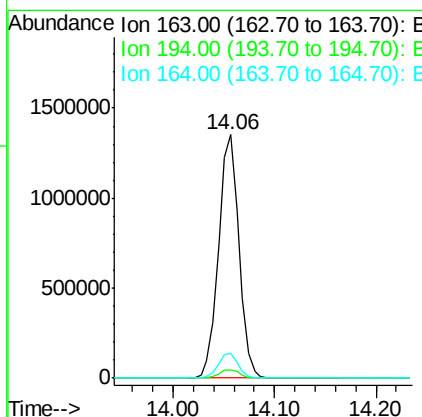
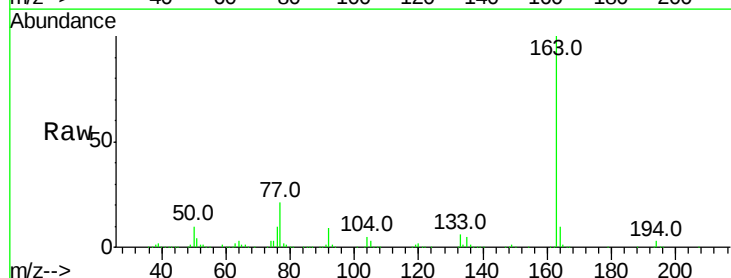
Instrument :  
BNA\_M  
ClientSampleId :

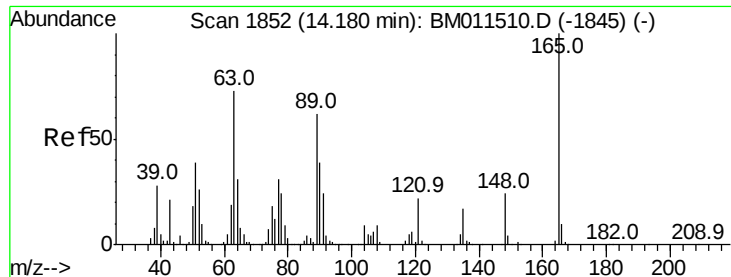
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 61.3  | 57.0  | 85.4  |
| 138     | 90.2  | 87.2  | 130.8 |



#45  
Dimethylphthalate  
Concen: 19.564 ng/ul  
RT: 14.06 min Scan# 1831  
Delta R.T. -0.00 min  
Lab File: BM011510.D  
Acq: 12 Sep 2017 09:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.5   | 4.0   | 6.0#  |
| 164     | 10.0  | 8.4   | 12.6  |

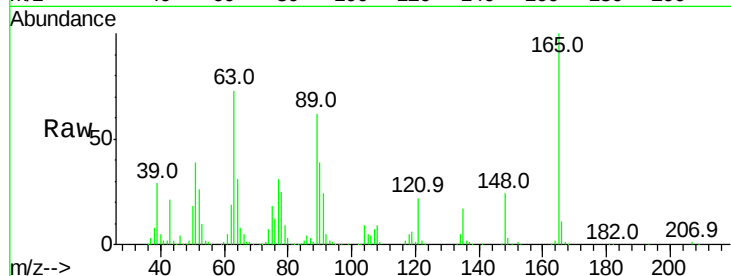




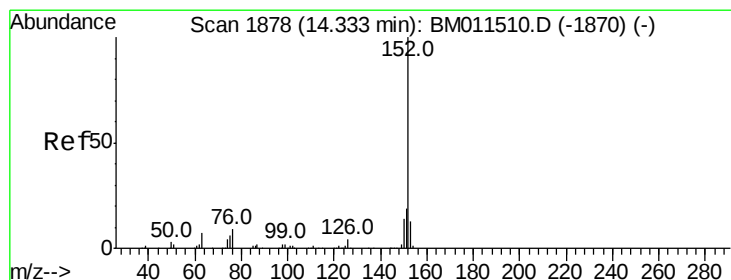
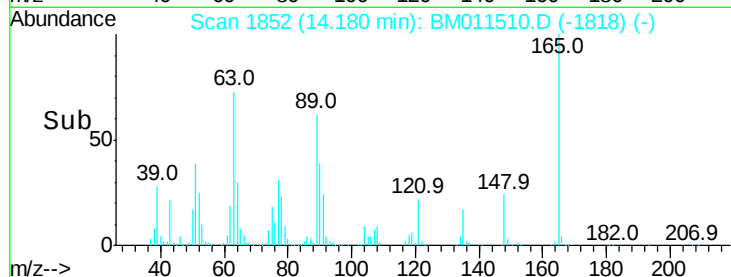
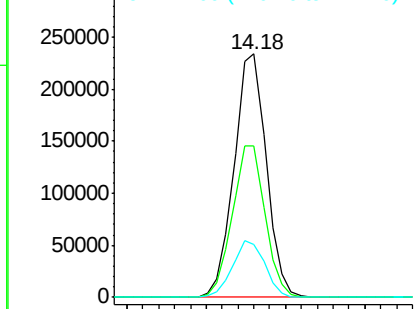
#46  
 2,6-Dinitrotoluene  
 Concen: 19.475 ng/ul  
 RT: 14.18 min Scan# 1852  
 Delta R.T. -0.00 min  
 Lab File: BM011510.D  
 Acq: 12 Sep 2017 09:19

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:165 Resp: 330780  
 Ion Ratio Lower Upper  
 165 100  
 89 62.0 43.8 65.8  
 121 21.7 17.8 26.6

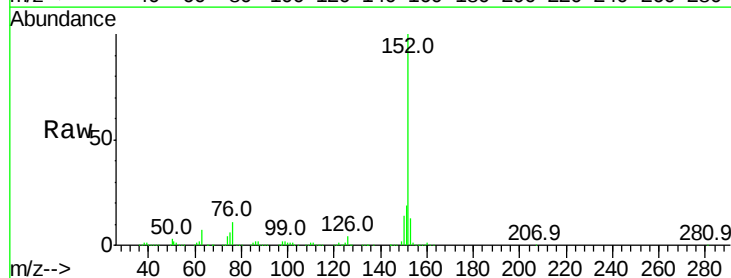


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 89.00 (88.70 to 89.70): BM0  
 Ion 121.00 (120.70 to 121.70): E

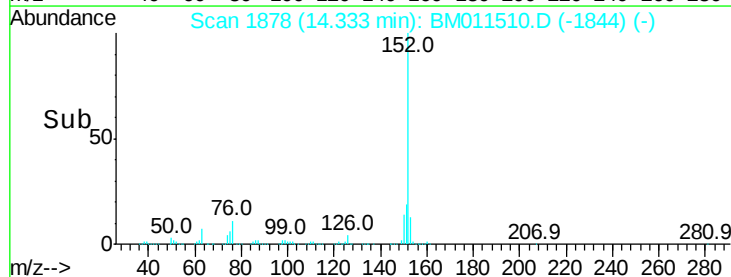
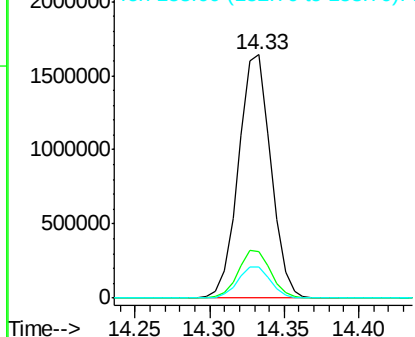


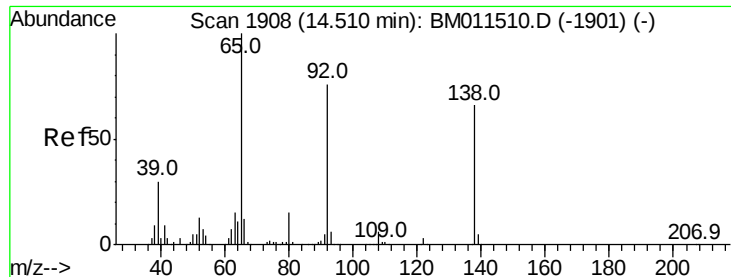
#48  
 Acenaphthylene  
 Concen: 20.229 ng/ul  
 RT: 14.33 min Scan# 1878  
 Delta R.T. -0.00 min  
 Lab File: BM011510.D  
 Acq: 12 Sep 2017 09:19

Tgt Ion:152 Resp: 2473478  
 Ion Ratio Lower Upper  
 152 100  
 151 19.3 16.1 24.1  
 153 12.9 10.8 16.2



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

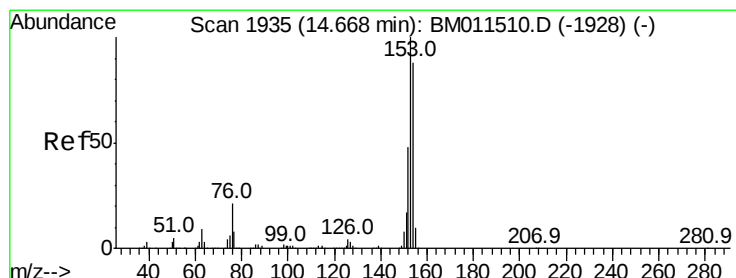
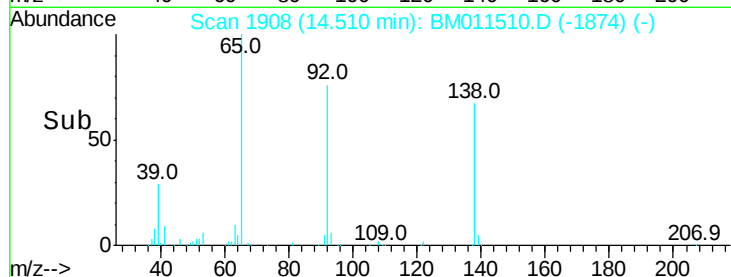
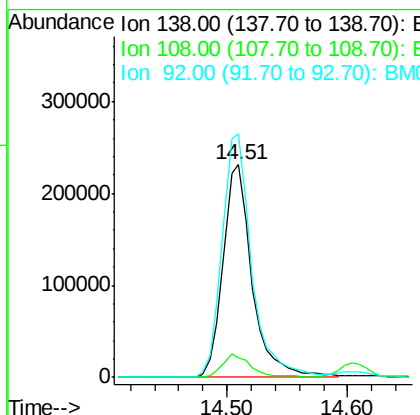
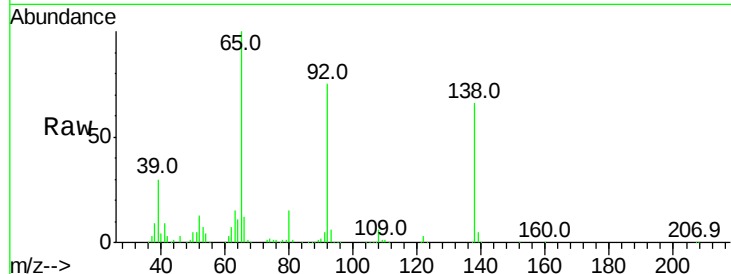




#49  
3-Nitroaniline  
Concen: 18.497 ng/ul  
RT: 14.51 min Scan# 1908  
Delta R.T. -0.00 min  
Lab File: BM011510.D  
Acq: 12 Sep 2017 09:19

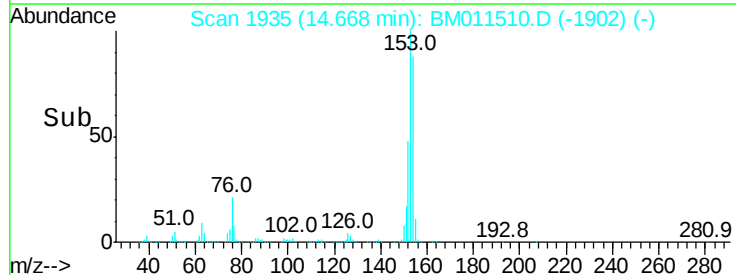
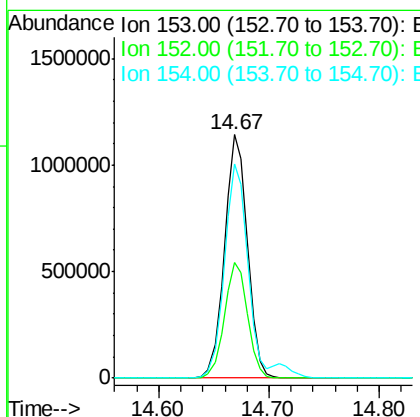
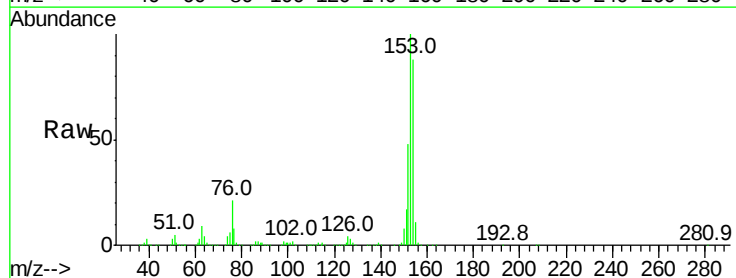
Instrument :  
BNA\_M  
ClientSampleId :

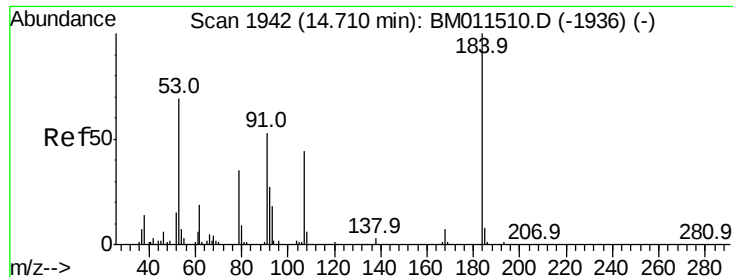
Tot Ion:138 Resp: 387388  
Ion Ratio Lower Upper  
138 100  
108 9.2 7.6 11.4  
92 114.5 94.2 141.2



#50  
Acenaphthene  
Concen: 20.004 ng/ul  
RT: 14.67 min Scan# 1935  
Delta R.T. -0.01 min  
Lab File: BM011510.D  
Acq: 12 Sep 2017 09:19

Tgt Ion:153 Resp: 1652616  
Ion Ratio Lower Upper  
153 100  
152 47.7 37.9 56.9  
154 88.2 69.8 104.6

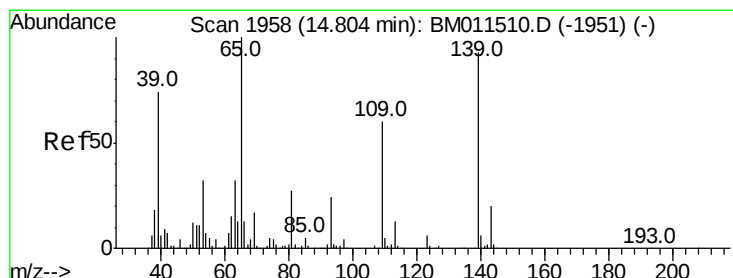
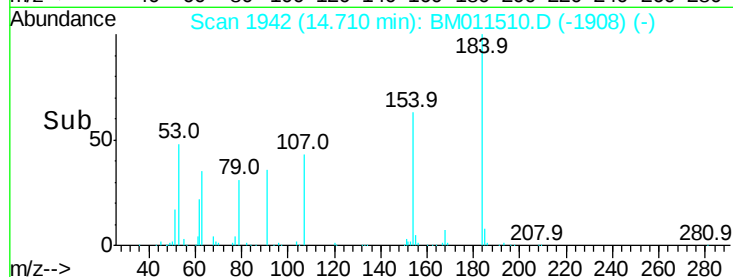
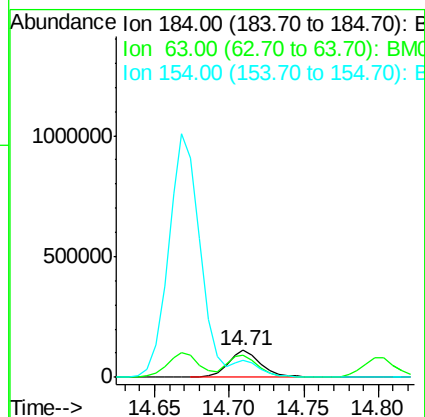
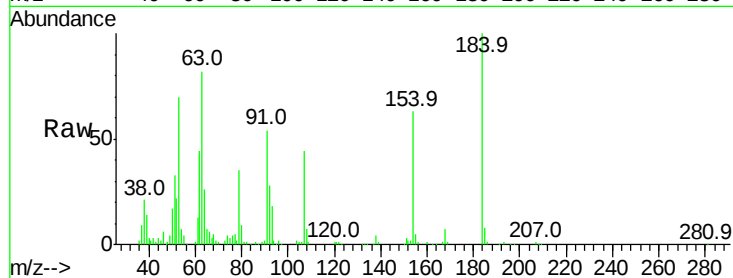




#51  
 2,4-Dinitrophenol  
 Concen: 16.126 ng/ul  
 RT: 14.71 min Scan# 1942  
 Delta R.T. -0.00 min  
 Lab File: BM011510.D  
 Acq: 12 Sep 2017 09:19

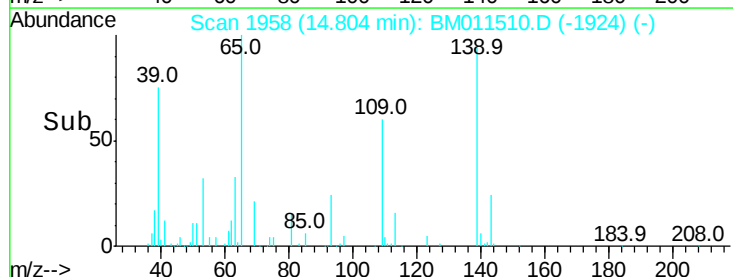
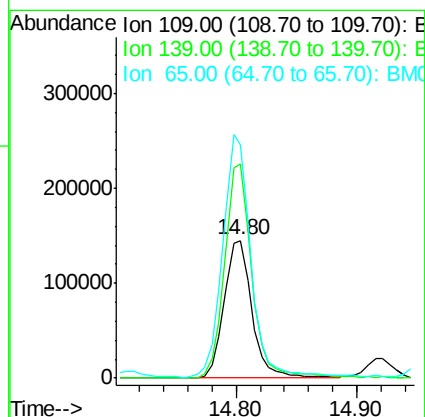
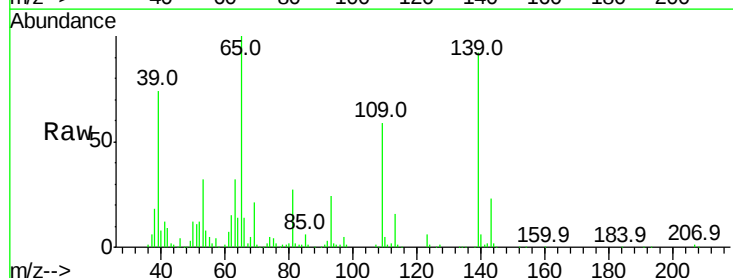
Instrument :  
 BNA\_M  
 ClientSampleId :

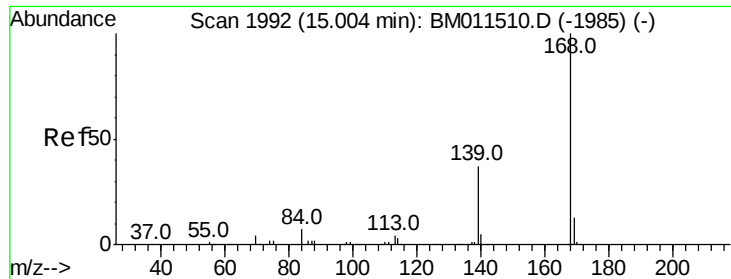
Tot Ion:184 Resp: 169223  
 Ion Ratio Lower Upper  
 184 100  
 63 82.4 39.7 59.5#  
 154 62.9 45.0 67.6



#53  
 4-Nitrophenol  
 Concen: 19.182 ng/ul  
 RT: 14.80 min Scan# 1958  
 Delta R.T. -0.00 min  
 Lab File: BM011510.D  
 Acq: 12 Sep 2017 09:19

Tgt Ion:109 Resp: 232728  
 Ion Ratio Lower Upper  
 109 100  
 139 155.4 91.2 136.8#  
 65 169.1 92.6 139.0#





#54

Dibenzenofuran

Concen: 19.926 ng/ul

RT: 15.00 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BM011510.D

Acq: 12 Sep 2017 09:19

Instrument :

BNA\_M

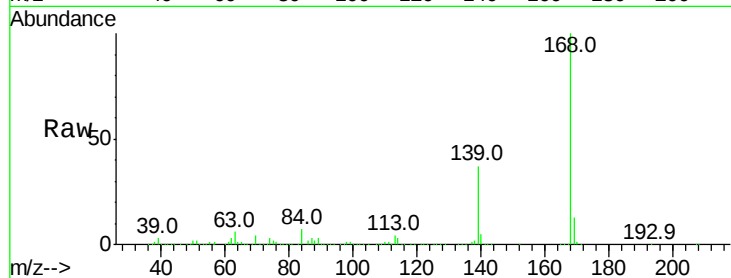
ClientSampleId :

Tot Ion:168 Resp: 2302634

Ion Ratio Lower Upper

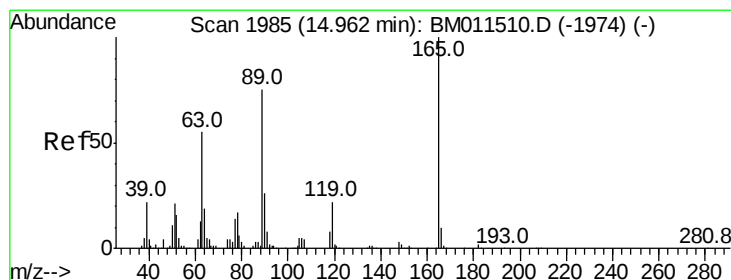
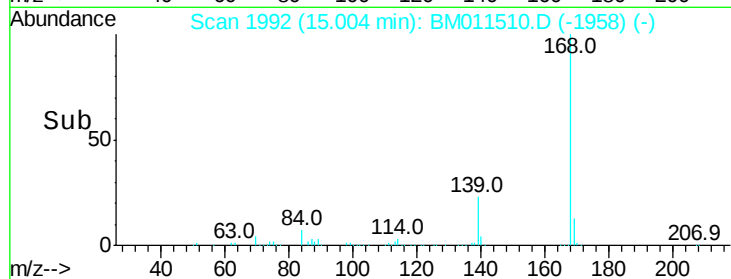
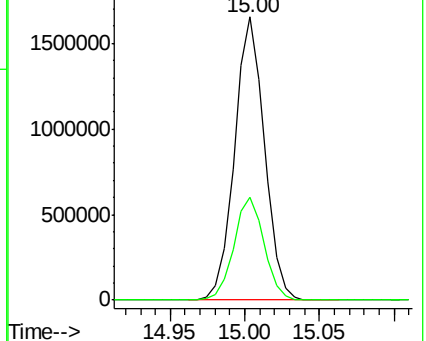
168 100

139 36.6 31.0 46.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 20.236 ng/ul

RT: 14.96 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BM011510.D

Acq: 12 Sep 2017 09:19

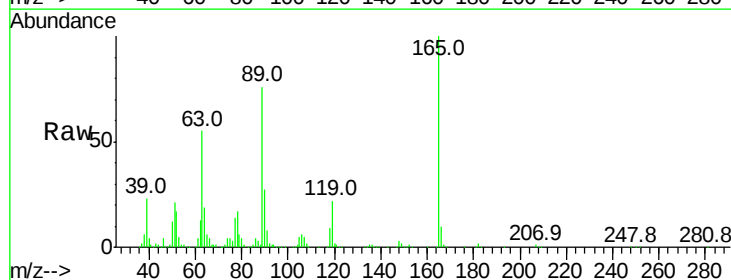
Tgt Ion:165 Resp: 505248

Ion Ratio Lower Upper

165 100

63 55.3 31.4 47.0#

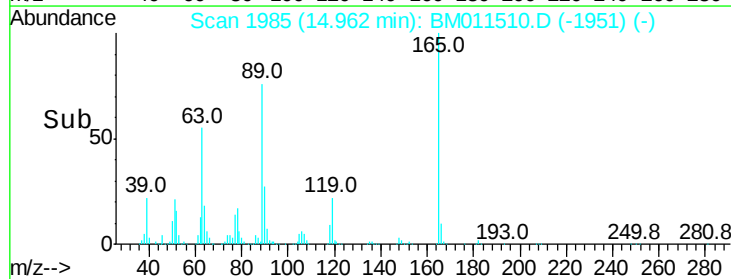
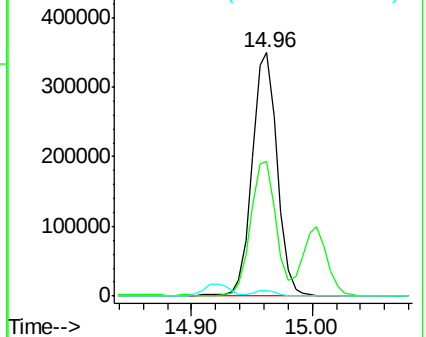
182 2.3 2.7 4.1#

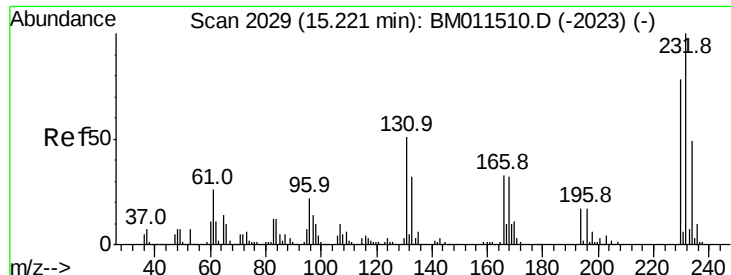


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E





#56

2,3,4,6-Tetrachlorophenol

Concen: 19.583 ng/ul

RT: 15.22 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BM011510.D

Acq: 12 Sep 2017 09:19

Instrument :

BNA\_M

ClientSampleId :

Tot Ion:232 Resp: 434265

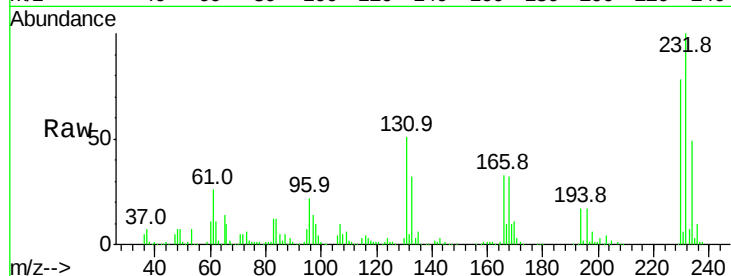
Ion Ratio Lower Upper

232 100

131 51.4 27.1 40.7#

130 2.7 0.0 0.0#

166 32.9 20.0 30.0#

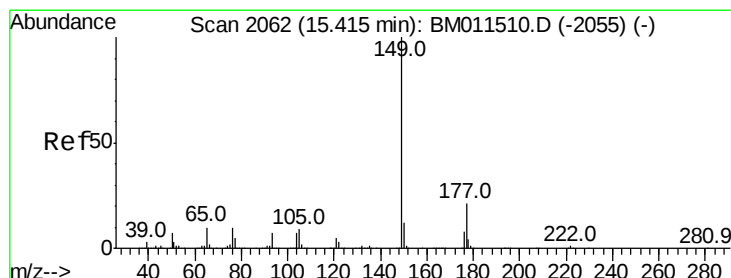
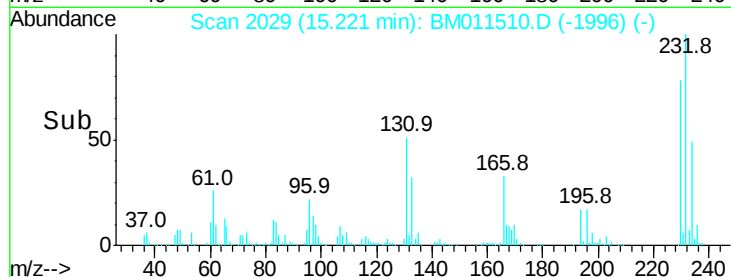
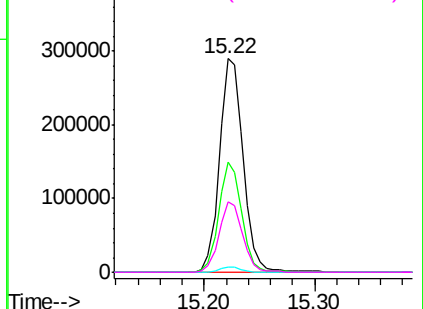


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#57

Diethylphthalate

Concen: 20.017 ng/ul

RT: 15.42 min Scan# 2062

Delta R.T. -0.00 min

Lab File: BM011510.D

Acq: 12 Sep 2017 09:19

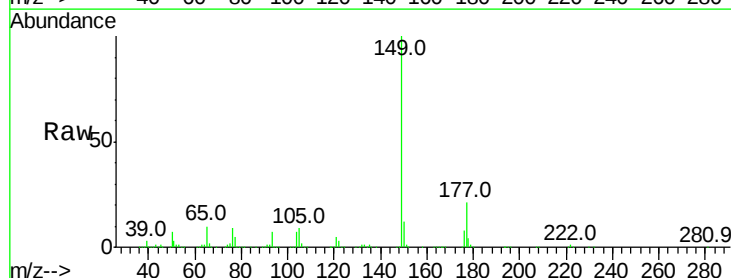
Tgt Ion:149 Resp: 2003374

Ion Ratio Lower Upper

149 100

177 21.4 19.3 28.9

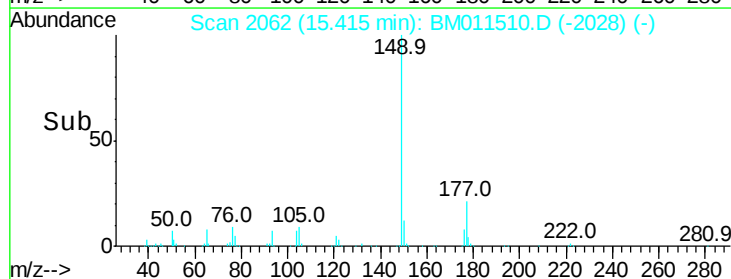
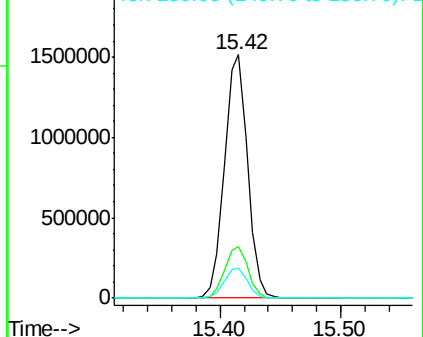
150 12.2 10.6 15.8

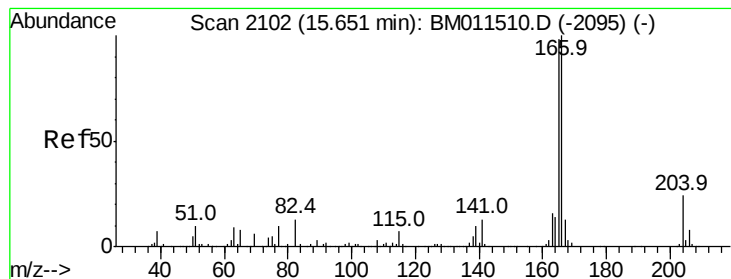


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 20.731 ng/ul

RT: 15.65 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BM011510.D

Acq: 12 Sep 2017 09:19

Instrument :

BNA\_M

ClientSampleId :

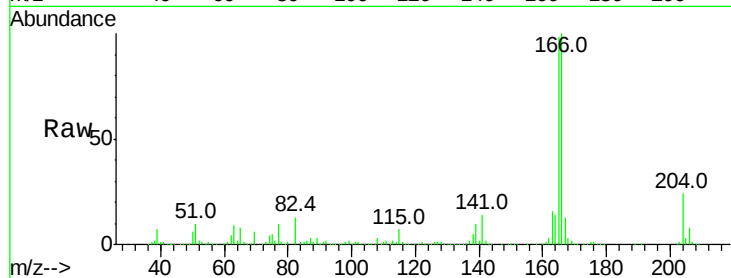
Tot Ion:166 Resp: 2007852

Ion Ratio Lower Upper

166 100

165 98.4 78.4 117.6

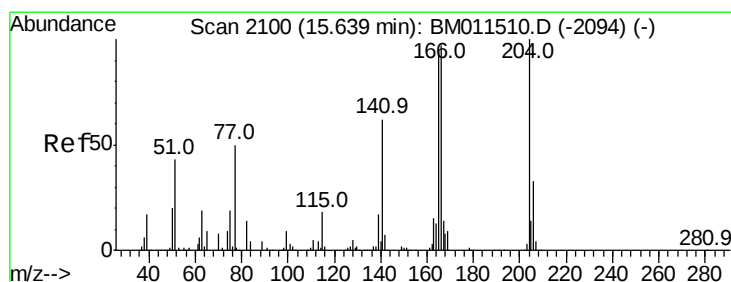
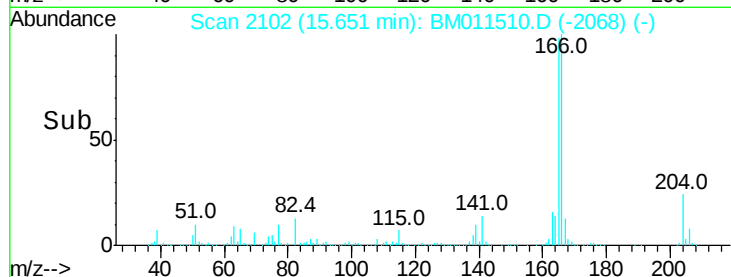
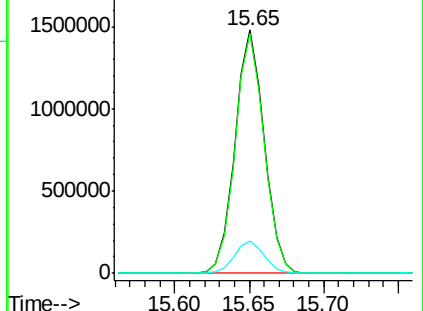
167 13.2 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

4-Chlorophenyl-phenylether

Concen: 20.276 ng/ul

RT: 15.64 min Scan# 2100

Delta R.T. -0.01 min

Lab File: BM011510.D

Acq: 12 Sep 2017 09:19

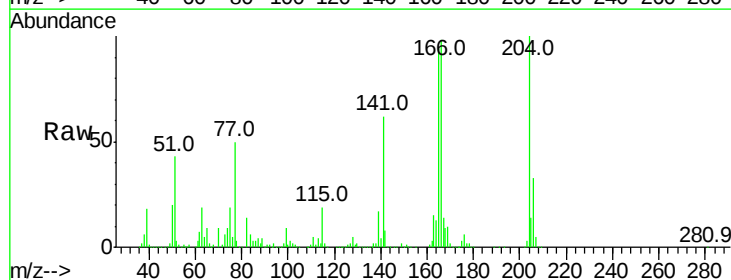
Tgt Ion:204 Resp: 920110

Ion Ratio Lower Upper

204 100

206 33.5 26.6 40.0

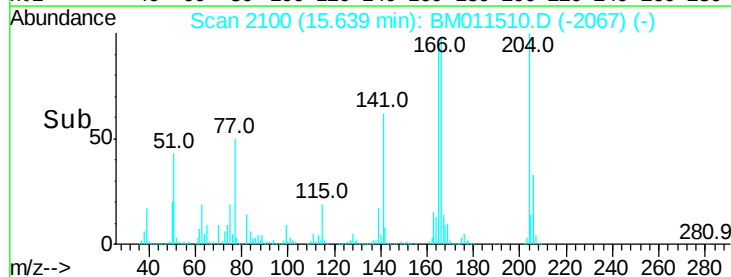
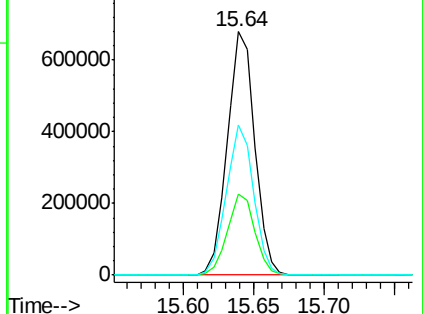
141 61.7 40.7 61.1#

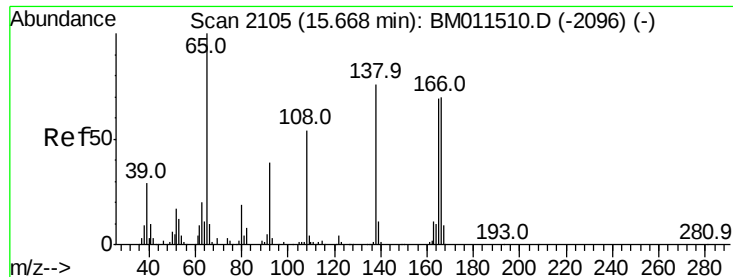


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

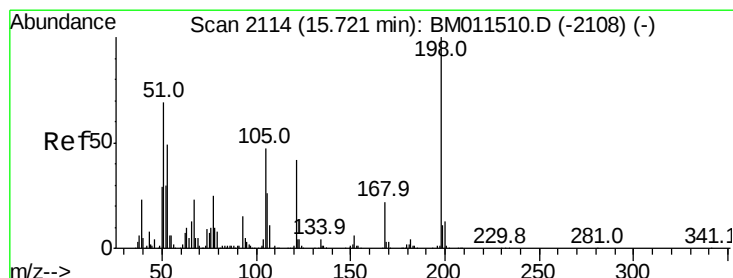
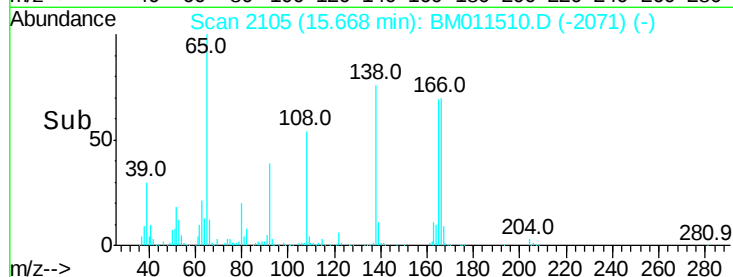
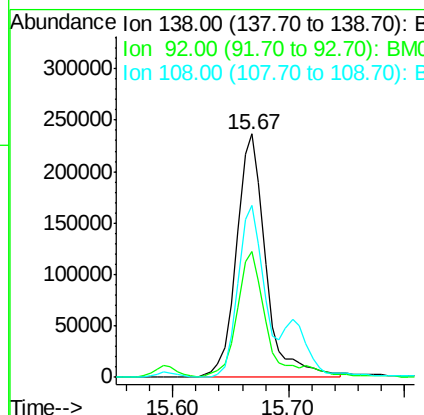
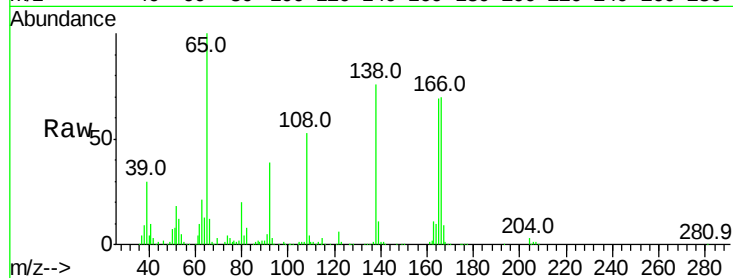




#61  
4-Nitroaniline  
Concen: 18.459 ng/ul  
RT: 15.67 min Scan# 2105  
Delta R.T. -0.00 min  
Lab File: BM011510.D  
Acq: 12 Sep 2017 09:19

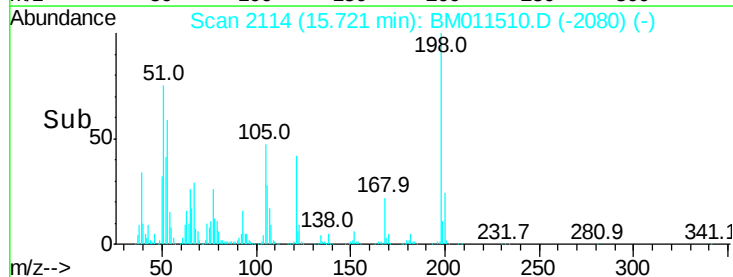
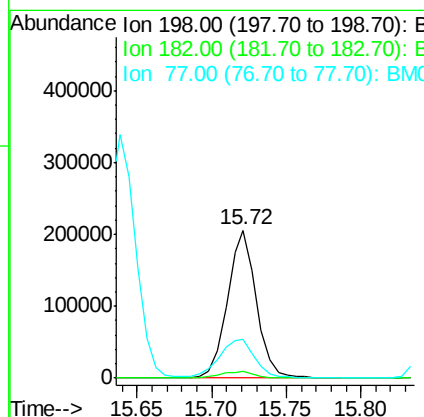
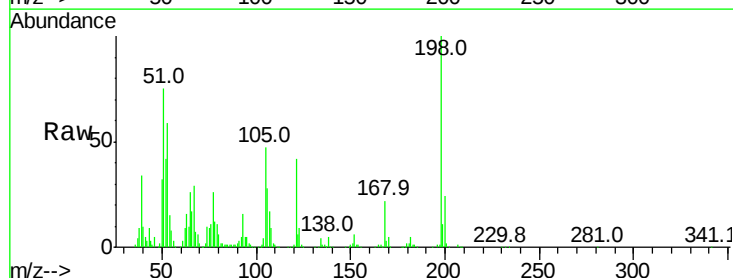
Instrument :  
BNA\_M  
ClientSampleId :

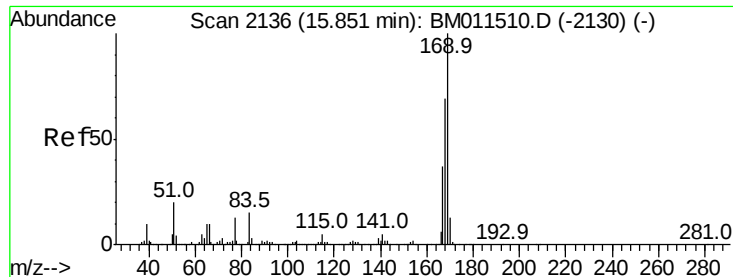
Tot Ion:138 Resp: 414119  
Ion Ratio Lower Upper  
138 100  
92 51.8 38.2 57.4  
108 70.6 70.0 105.0



#64  
4,6-Dinitro-2-methylphenol  
Concen: 17.151 ng/ul  
RT: 15.72 min Scan# 2114  
Delta R.T. -0.00 min  
Lab File: BM011510.D  
Acq: 12 Sep 2017 09:19

Tgt Ion:198 Resp: 278502  
Ion Ratio Lower Upper  
198 100  
182 4.6 3.5 5.3  
77 26.3 18.2 27.4



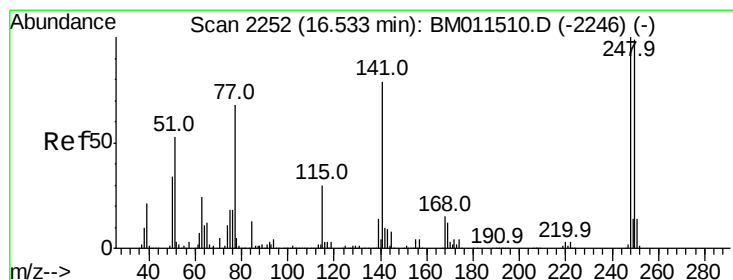
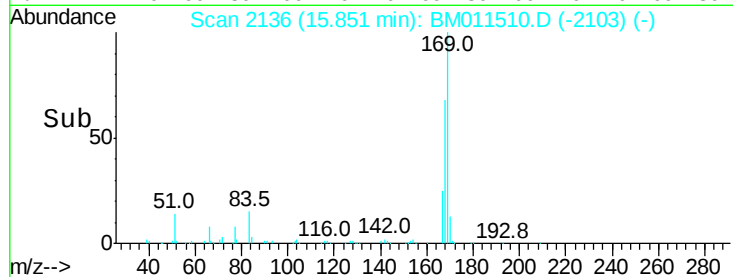
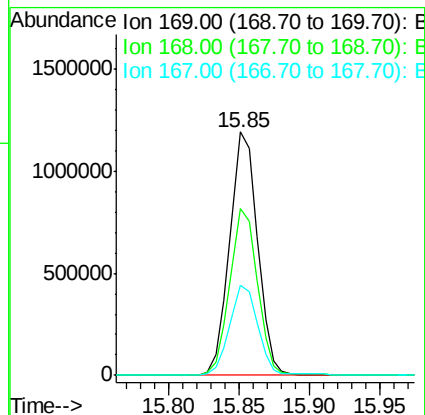
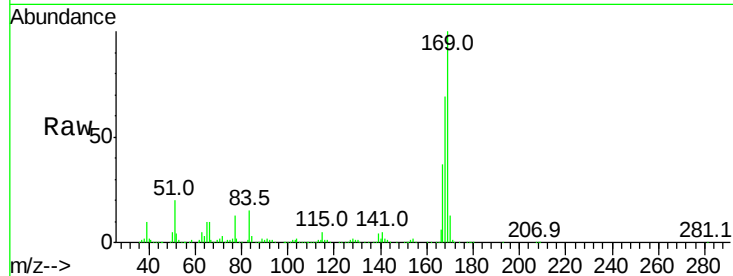


#65

N-Nitrosodiphenylamine  
 Concen: 19.855 ng/ul  
 RT: 15.85 min Scan# 2136  
 Delta R.T. -0.01 min  
 Lab File: BM011510.D  
 Acq: 12 Sep 2017 09:19

Instrument :  
 BNA\_M  
 ClientSampleId :

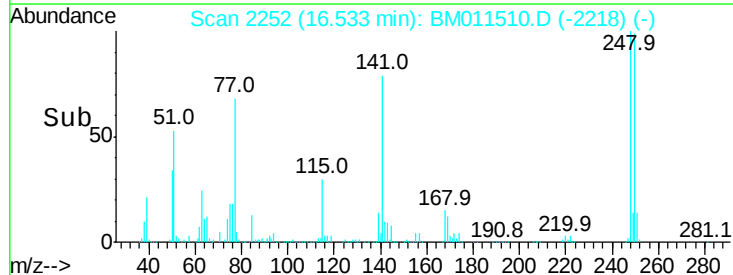
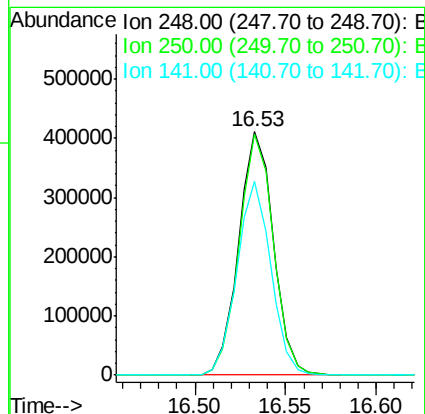
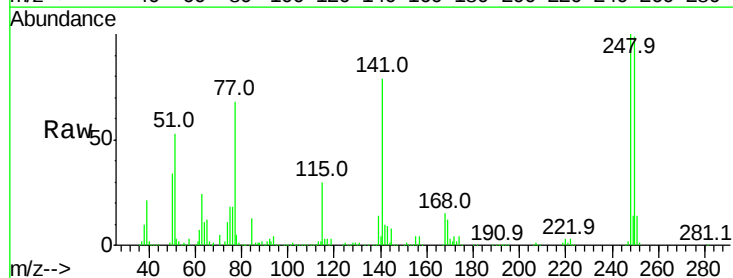
Tot Ion:169 Resp: 1647133  
 Ion Ratio Lower Upper  
 169 100  
 168 68.7 53.8 80.8  
 167 37.0 29.5 44.3

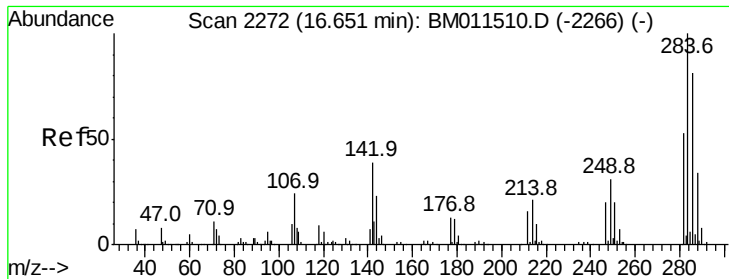


#66

4-Bromophenyl-phenylether  
 Concen: 19.660 ng/ul  
 RT: 16.53 min Scan# 2252  
 Delta R.T. -0.00 min  
 Lab File: BM011510.D  
 Acq: 12 Sep 2017 09:19

Tgt Ion:248 Resp: 546876  
 Ion Ratio Lower Upper  
 248 100  
 250 99.2 79.0 118.4  
 141 79.3 51.9 77.9#





#67

Hexachlorobenzene

Concen: 19.215 ng/ul

RT: 16.65 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BM011510.D

Acq: 12 Sep 2017 09:19

Instrument :

BNA\_M

ClientSampleId :

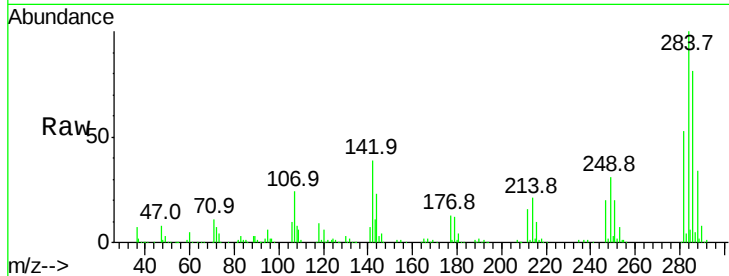
Tot Ion:284 Resp: 588374

Ion Ratio Lower Upper

284 100

142 36.3 21.3 31.9#

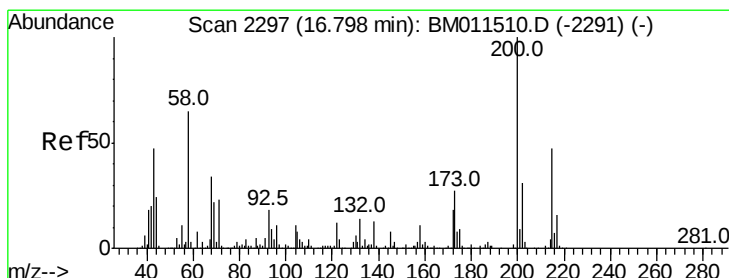
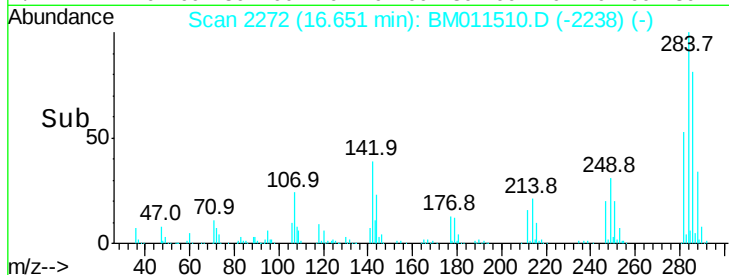
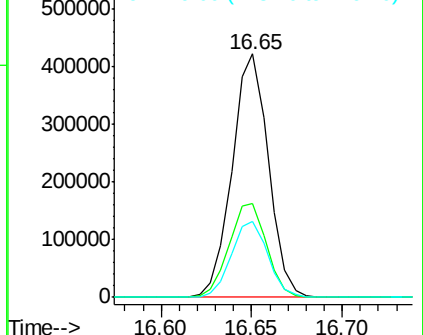
249 29.5 26.3 39.5



Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 19.247 ng/ul

RT: 16.80 min Scan# 2297

Delta R.T. -0.00 min

Lab File: BM011510.D

Acq: 12 Sep 2017 09:19

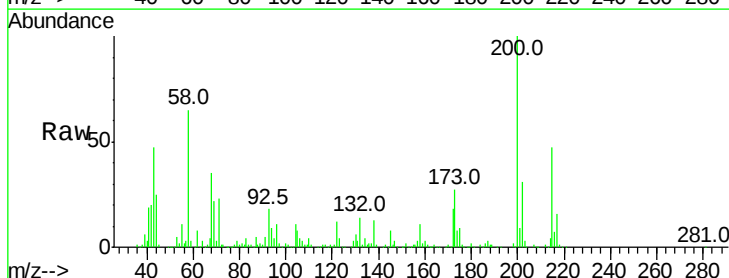
Tgt Ion:200 Resp: 553208

Ion Ratio Lower Upper

200 100

173 27.1 20.6 31.0

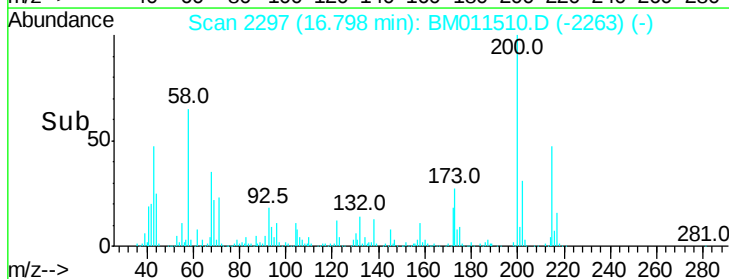
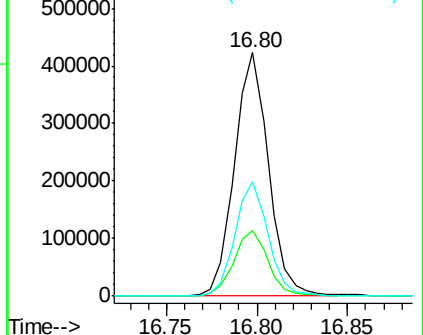
215 46.8 39.8 59.6

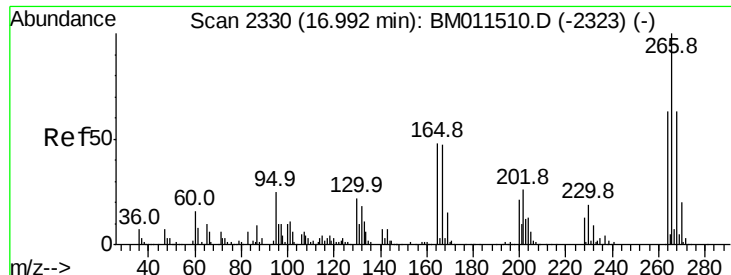


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

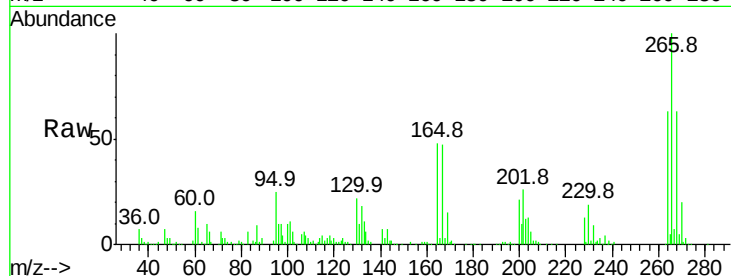




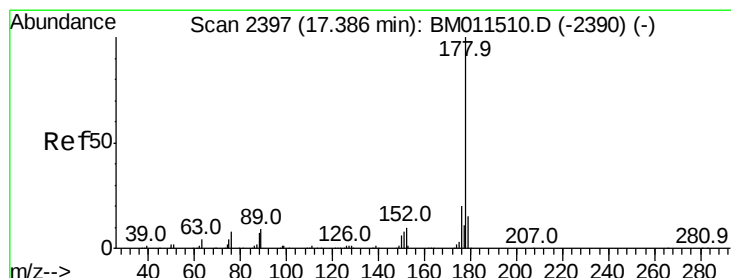
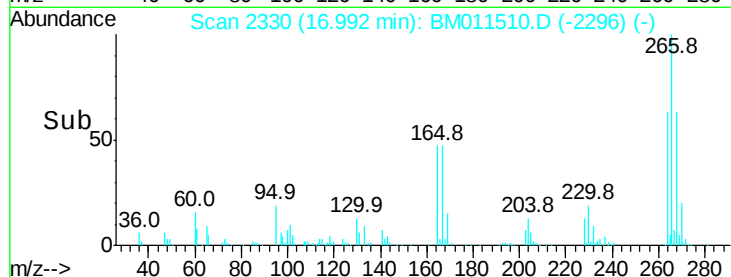
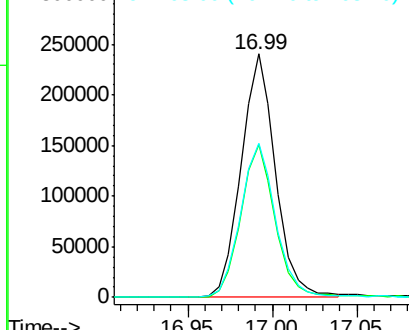
#69  
 Pentachlorophenol  
 Concen: 17.334 ng/ul  
 RT: 16.99 min Scan# 2330  
 Delta R.T. -0.00 min  
 Lab File: BM011510.D  
 Acq: 12 Sep 2017 09:19

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:266 Resp: 340800  
 Ion Ratio Lower Upper  
 266 100  
 264 62.7 48.2 72.4  
 268 63.3 52.3 78.5

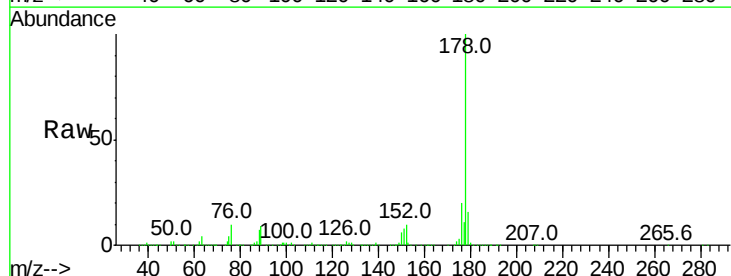


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 264.00 (263.70 to 264.70): E  
 Ion 268.00 (267.70 to 268.70): E

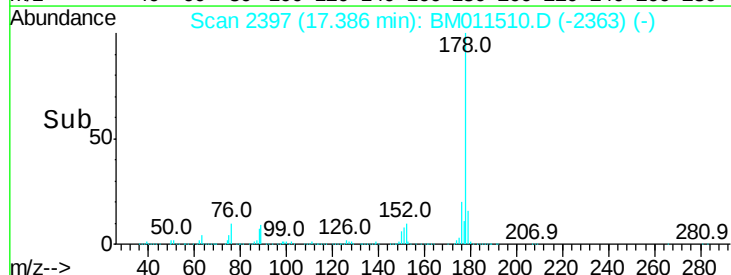
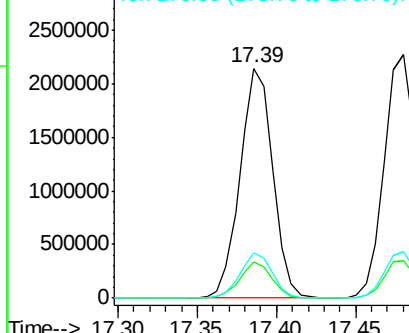


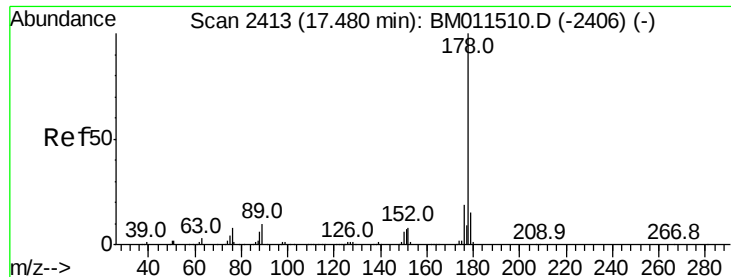
#70  
 Phenanthrene  
 Concen: 20.201 ng/ul  
 RT: 17.39 min Scan# 2397  
 Delta R.T. -0.00 min  
 Lab File: BM011510.D  
 Acq: 12 Sep 2017 09:19

Tgt Ion:178 Resp: 3066515  
 Ion Ratio Lower Upper  
 178 100  
 179 15.5 12.3 18.5  
 176 19.6 15.4 23.0



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





#72

Anthracene

Concen: 20.728 ng/ul

RT: 17.48 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BM011510.D

Acq: 12 Sep 2017 09:19

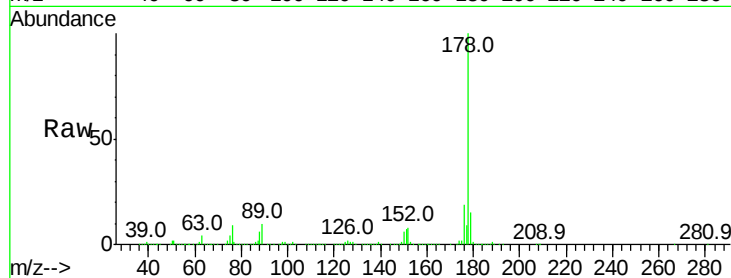
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:178 Resp: 3228807

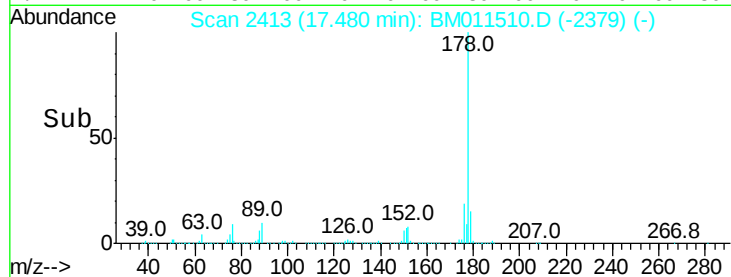
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.4  | 13.4  | 20.2  |
| 176 | 18.9  | 15.4  | 23.0  |



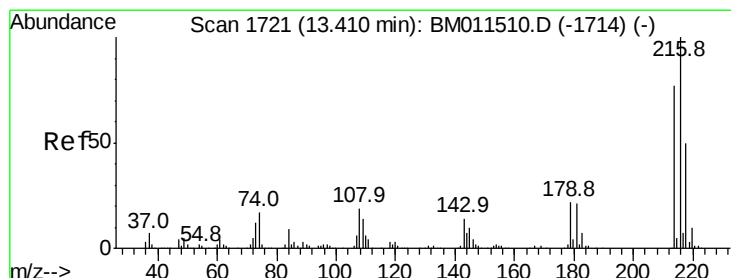
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#73

1,2,3,4-Tetrachlorobenzene

Concen: 18.987 ng/uL

RT: 13.41 min Scan# 1721

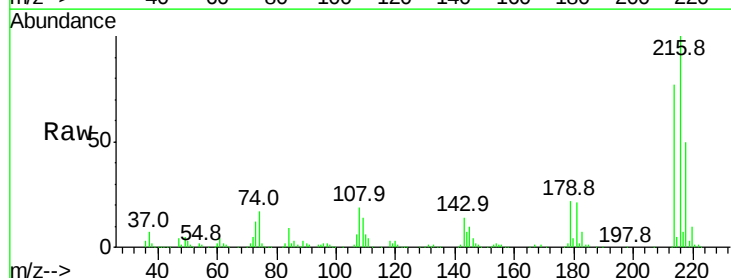
Delta R.T. -0.00 min

Lab File: BM011510.D

Acq: 12 Sep 2017 09:19

Tgt Ion:216 Resp: 689076

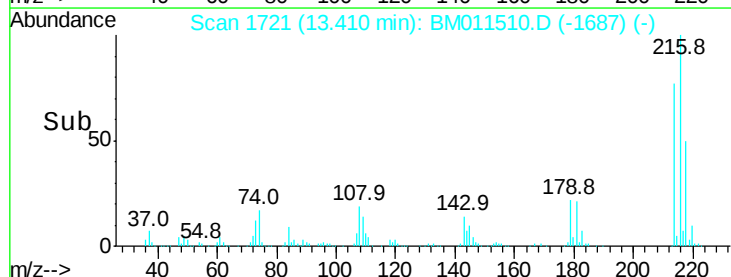
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 77.5  | 64.1  | 96.1  |
| 218 | 49.7  | 39.4  | 59.0  |



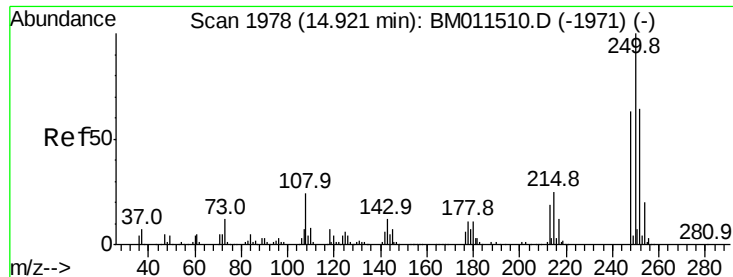
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



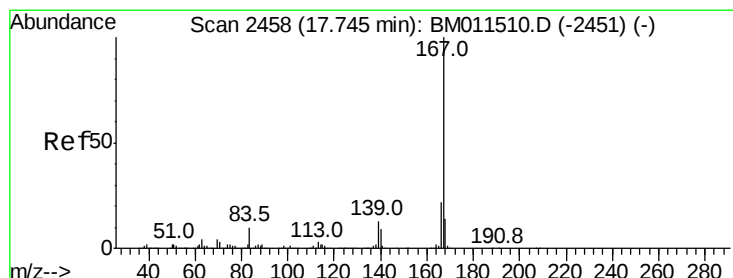
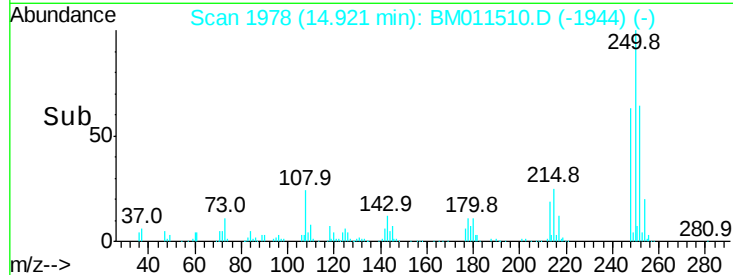
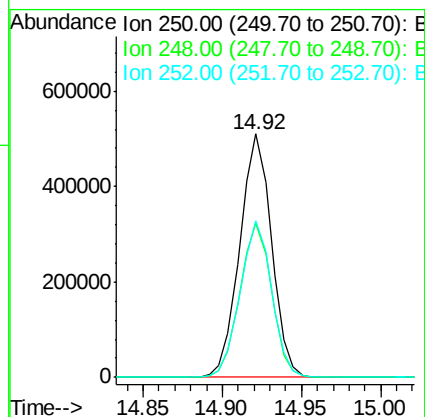
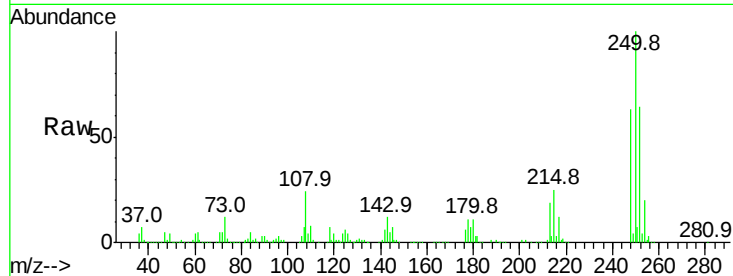
Time-->



#74  
 Pentachlorobenzene  
 Concen: 19.281 ng/uL  
 RT: 14.92 min Scan# 1978  
 Delta R.T. -0.00 min  
 Lab File: BM011510.D  
 Acq: 12 Sep 2017 09:19

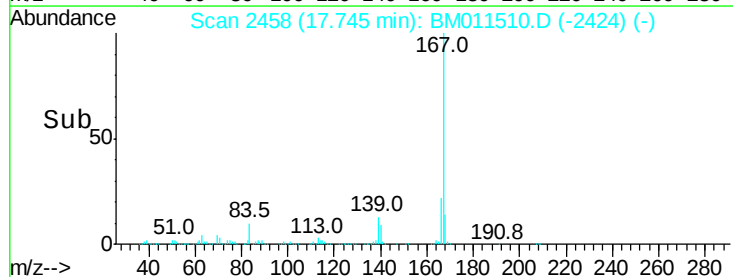
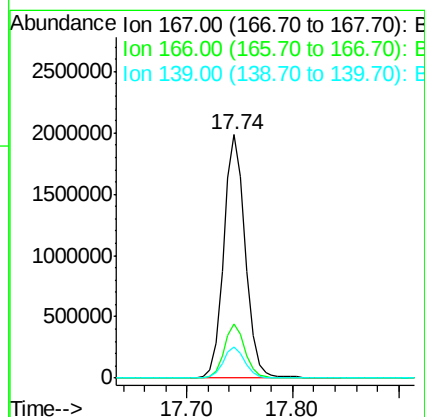
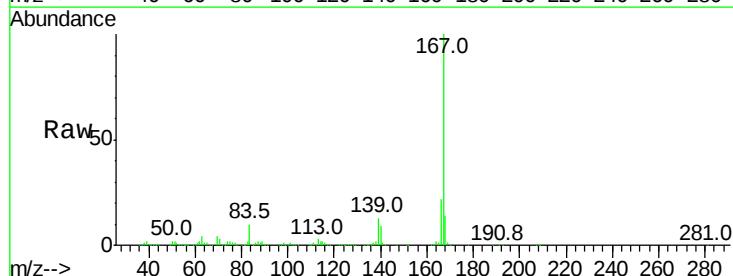
Instrument :  
 BNA\_M  
 ClientSampleId :

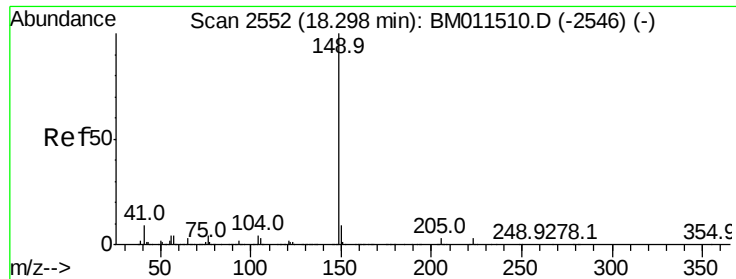
Tot Ion:250 Resp: 709685  
 Ion Ratio Lower Upper  
 250 100  
 248 63.3 51.4 77.2  
 252 64.3 49.8 74.6



#75  
 Carbazole  
 Concen: 21.211 ng/uL  
 RT: 17.74 min Scan# 2458  
 Delta R.T. -0.00 min  
 Lab File: BM011510.D  
 Acq: 12 Sep 2017 09:19

Tgt Ion:167 Resp: 2818773  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 17.0 25.4  
 139 12.6 9.1 13.7





#76

Di-n-butylphthalate

Concen: 21.118 ng/ul

RT: 18.30 min Scan# 2552

Delta R.T. -0.00 min

Lab File: BM011510.D

Acq: 12 Sep 2017 09:19

Instrument :

BNA\_M

ClientSampleId :

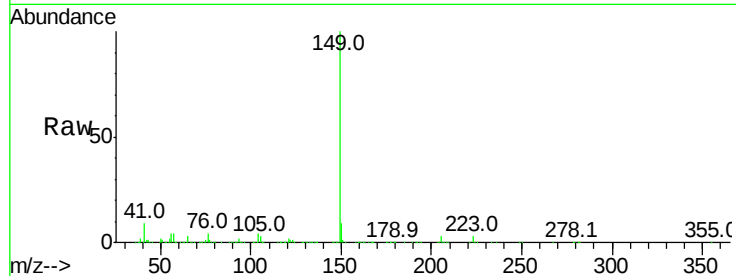
Tot Ion:149 Resp: 3686158

Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

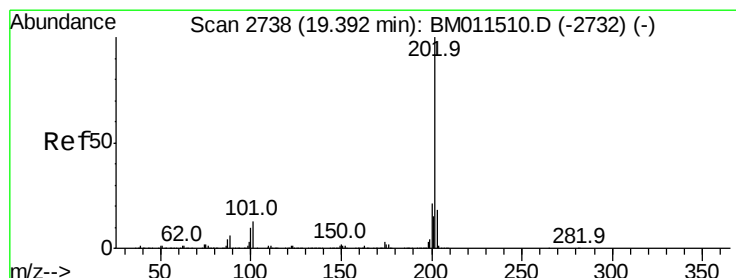
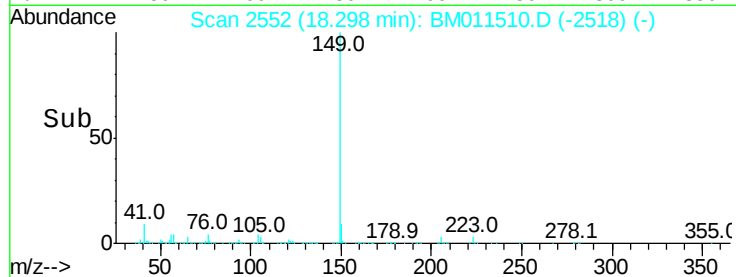
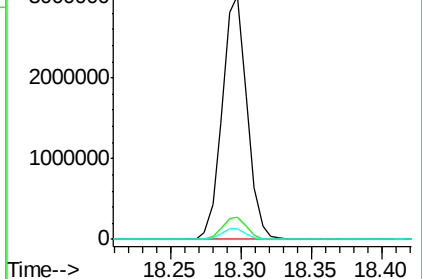
104 4.4 4.1 6.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#77

Fluoranthene

Concen: 22.901 ng/ul

RT: 19.39 min Scan# 2738

Delta R.T. -0.00 min

Lab File: BM011510.D

Acq: 12 Sep 2017 09:19

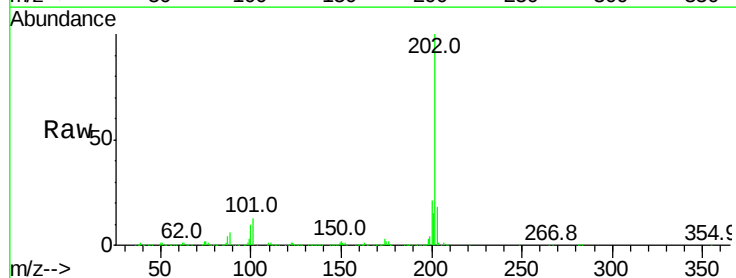
Tgt Ion:202 Resp: 3575650

Ion Ratio Lower Upper

202 100

101 12.6 6.1 9.1#

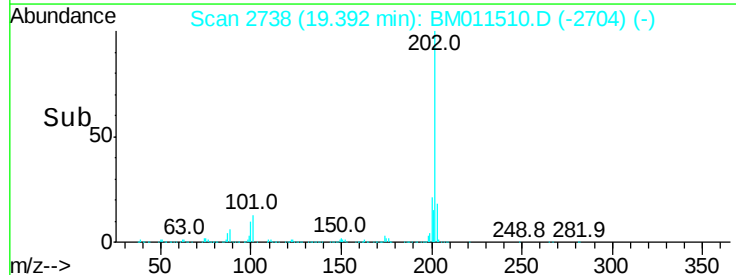
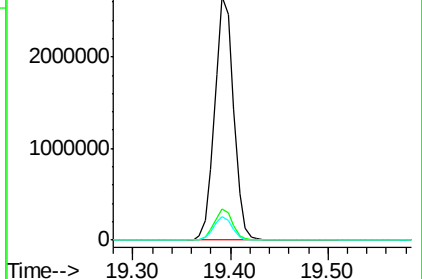
100 9.5 4.6 7.0#

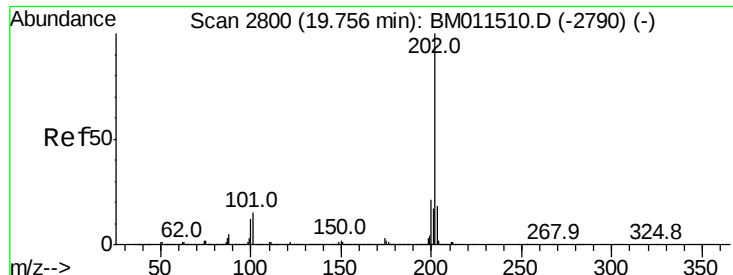


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

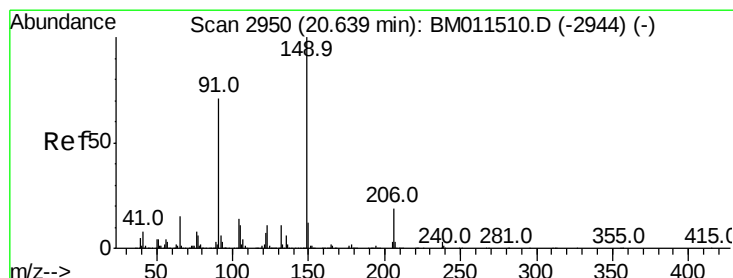
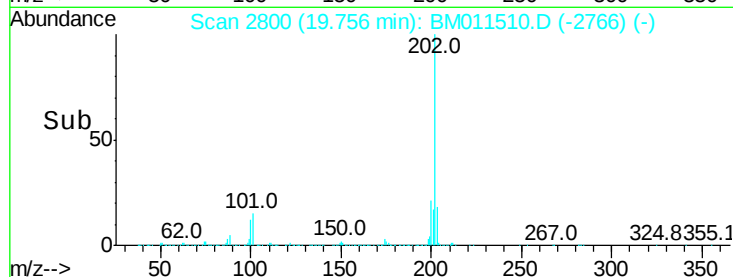
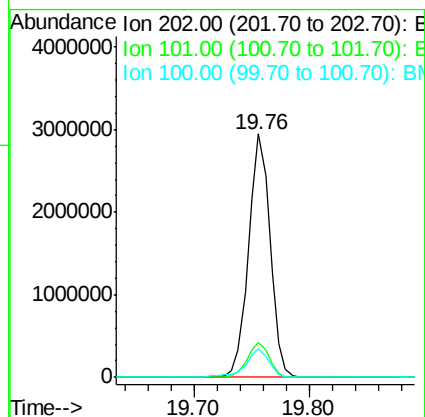
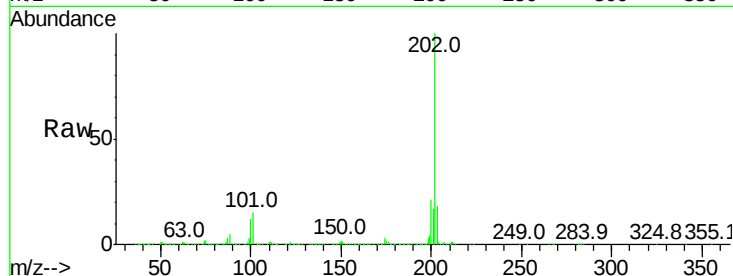




#80  
 Pvrene  
 Concen: 20.398 ng/ul  
 RT: 19.76 min Scan# 2800  
 Delta R.T. -0.00 min  
 Lab File: BM011510.D  
 Acq: 12 Sep 2017 09:19

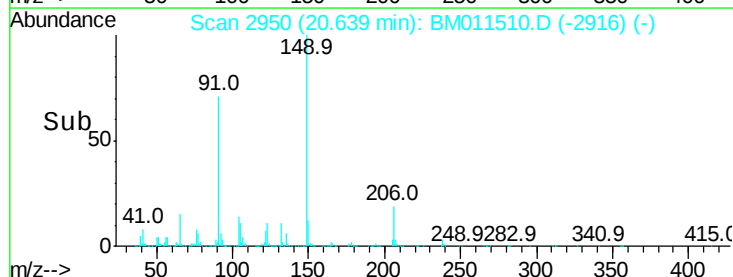
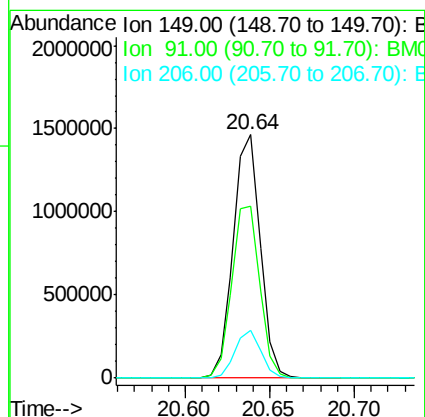
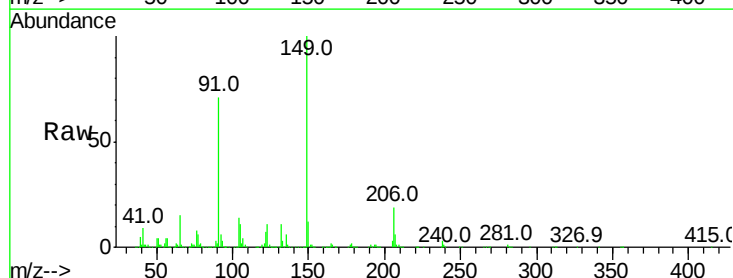
Instrument :  
 BNA\_M  
 ClientSampleId :

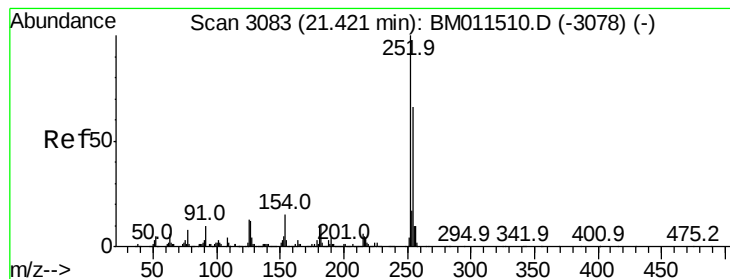
Tot Ion:202 Resp: 3846315  
 Ion Ratio Lower Upper  
 202 100  
 101 14.6 6.9 10.3#  
 100 12.0 5.6 8.4#



#81  
 Butylbenzylphthalate  
 Concen: 18.815 ng/ul  
 RT: 20.64 min Scan# 2950  
 Delta R.T. -0.00 min  
 Lab File: BM011510.D  
 Acq: 12 Sep 2017 09:19

Tgt Ion:149 Resp: 1631611  
 Ion Ratio Lower Upper  
 149 100  
 91 70.8 53.4 80.0  
 206 19.4 19.3 28.9





#82

3,3'-Dichlorobenzidine

Concen: 19.530 ng/ul

RT: 21.42 min Scan# 3083

Delta R.T. -0.00 min

Lab File: BM011510.D

Acq: 12 Sep 2017 09:19

Instrument :

BNA\_M

ClientSampled :

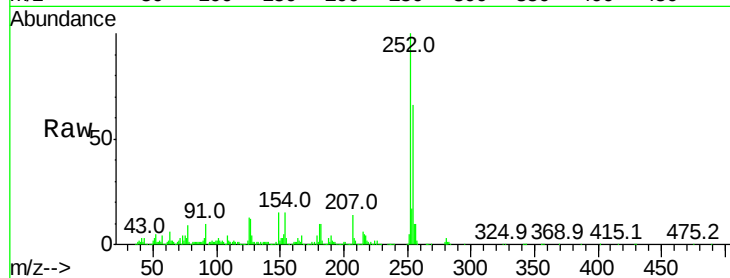
Tot Ion:252 Resp: 1146265

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 65.7  | 52.8  | 79.2  |
| 126 | 12.8  | 6.9   | 10.3  |

252 100

254 65.7 52.8 79.2

126 12.8 6.9 10.3#

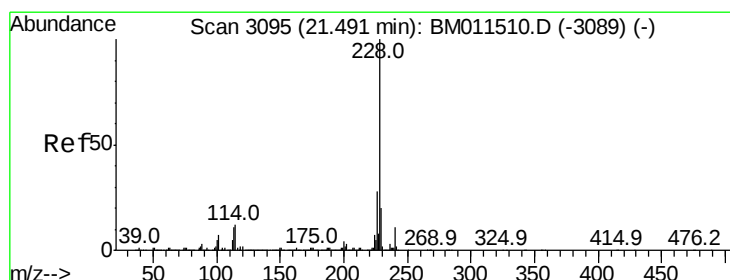
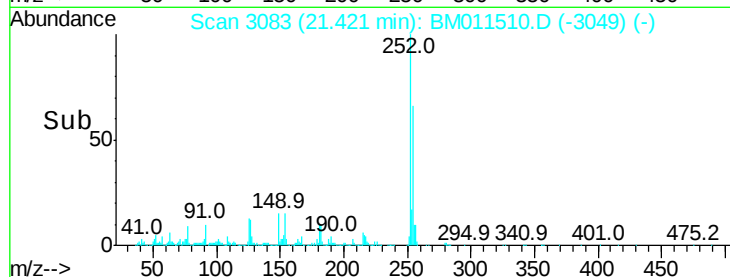
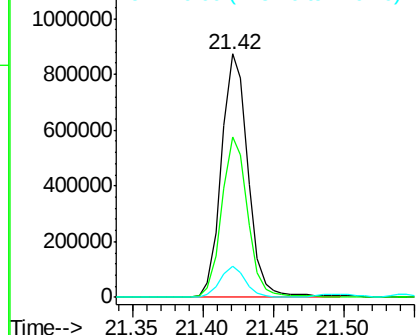


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Benzo(a)anthracene

Concen: 20.541 ng/ul

RT: 21.49 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BM011510.D

Acq: 12 Sep 2017 09:19

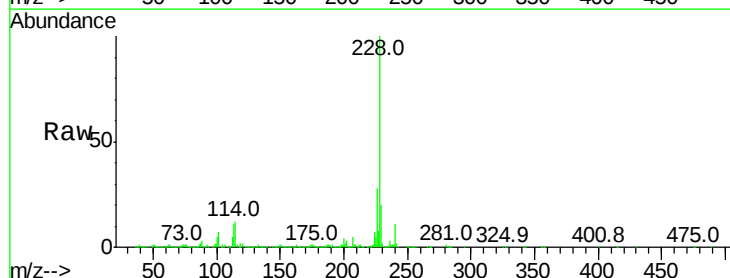
Tgt Ion:228 Resp: 3655356

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 229 | 19.9  | 16.0  | 24.0  |
| 226 | 27.6  | 21.8  | 32.8  |

228 100

229 19.9 16.0 24.0

226 27.6 21.8 32.8

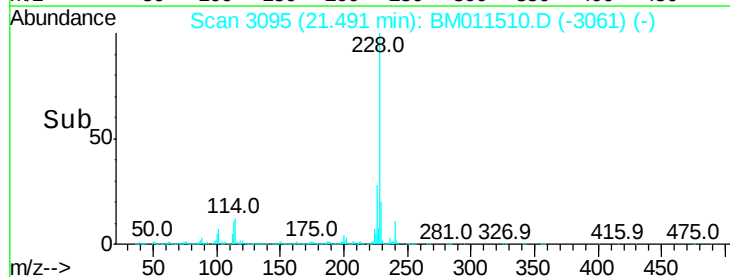
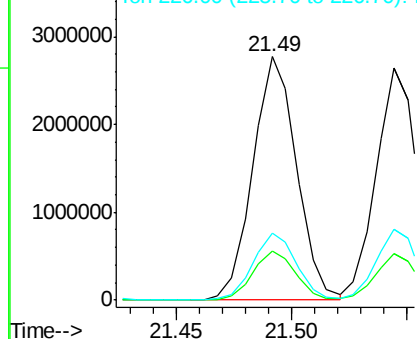


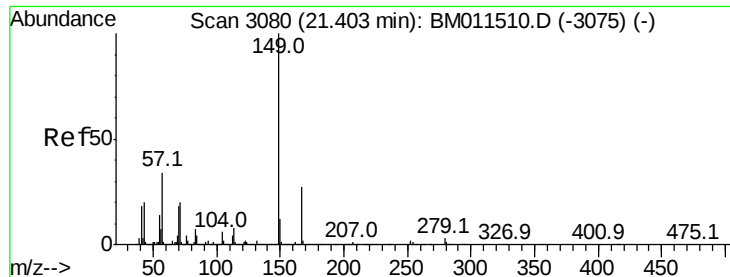
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

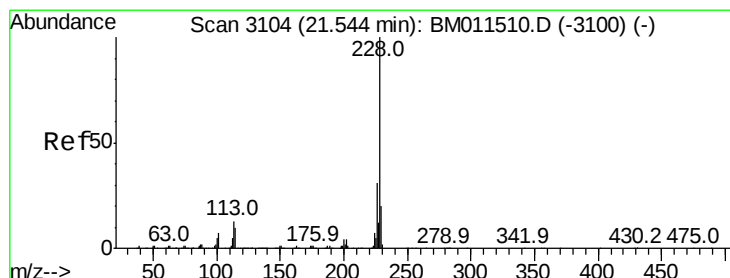
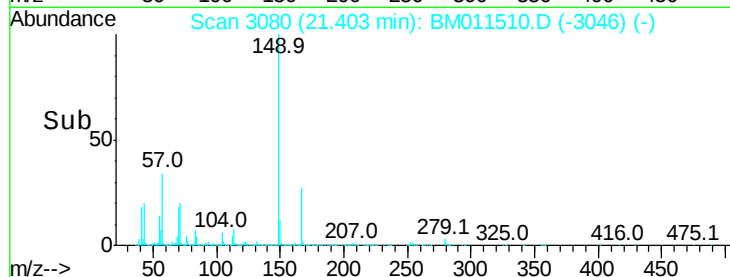
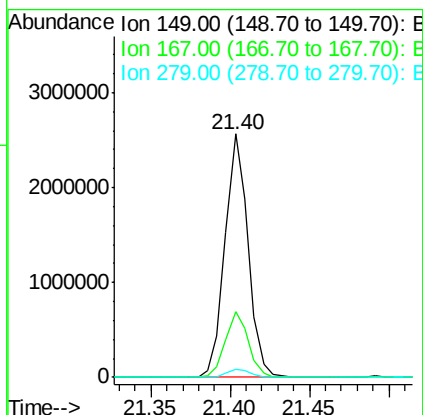
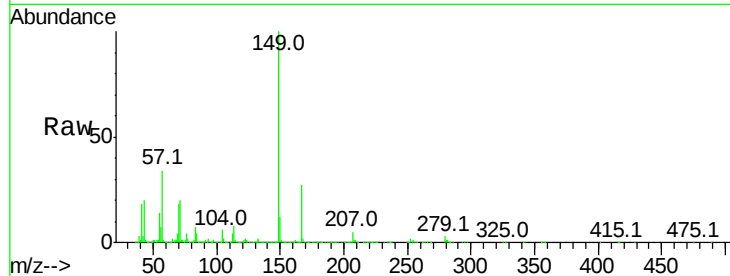




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 19.397 ng/ul  
 RT: 21.40 min Scan# 3080  
 Delta R.T. -0.00 min  
 Lab File: BM011510.D  
 Acq: 12 Sep 2017 09:19

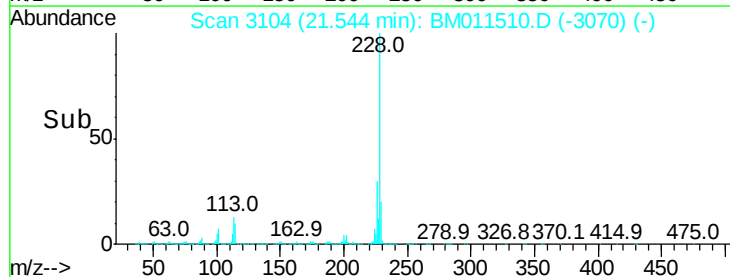
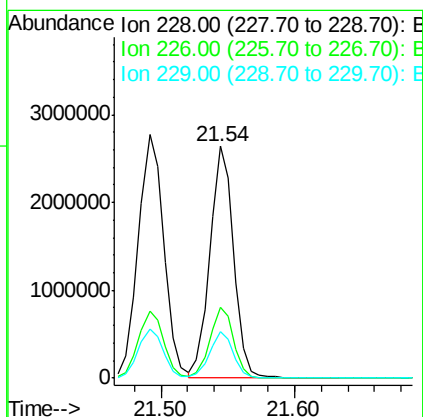
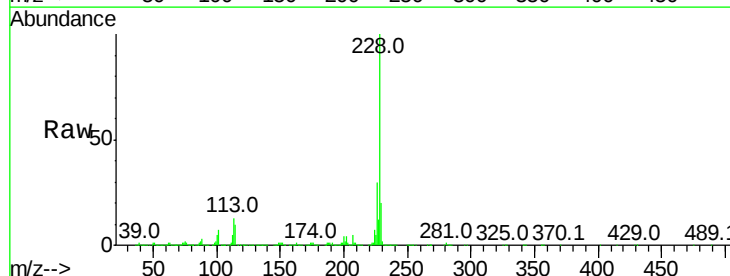
Instrument :  
 BNA\_M  
 ClientSampleId :

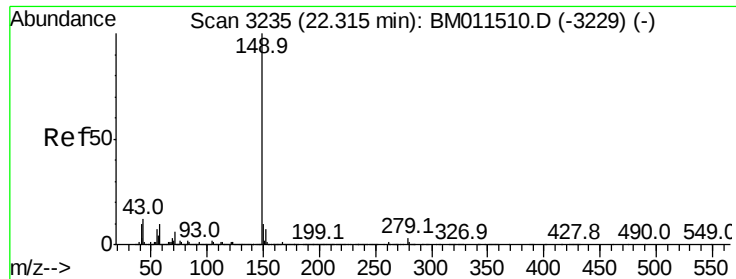
Tot Ion:149 Resp: 2583151  
 Ion Ratio Lower Upper  
 149 100  
 167 26.7 23.0 34.6  
 279 3.1 4.3 6.5#



#85  
 Chrysene  
 Concen: 20.333 ng/ul  
 RT: 21.54 min Scan# 3104  
 Delta R.T. -0.00 min  
 Lab File: BM011510.D  
 Acq: 12 Sep 2017 09:19

Tgt Ion:228 Resp: 3280173  
 Ion Ratio Lower Upper  
 228 100  
 226 30.5 24.1 36.1  
 229 20.1 16.0 24.0





#87

Di-n-octyl phthalate

Concen: 21.112 ng/ul

RT: 22.31 min Scan# 3235

Delta R.T. -0.01 min

Lab File: BM011510.D

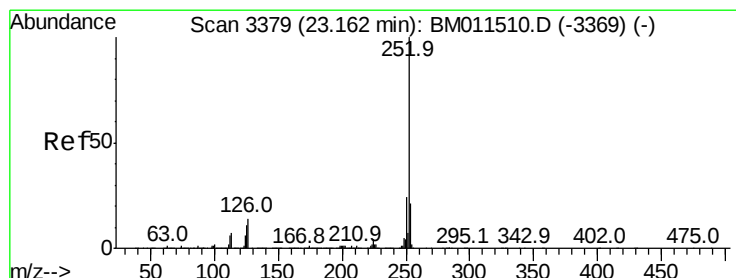
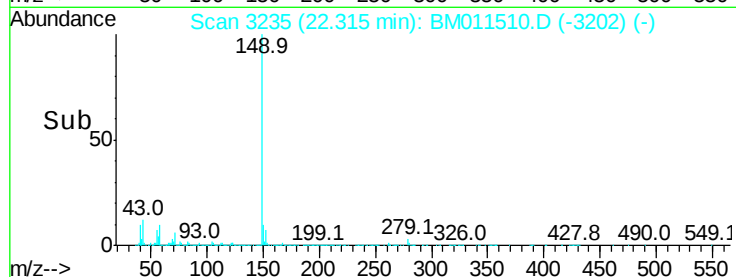
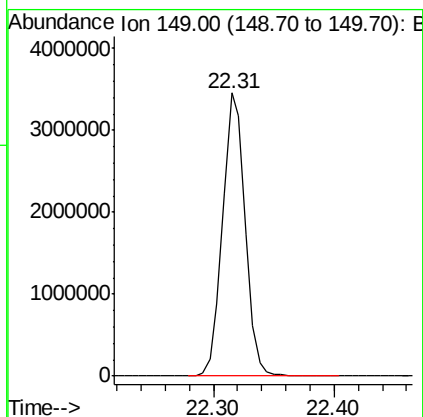
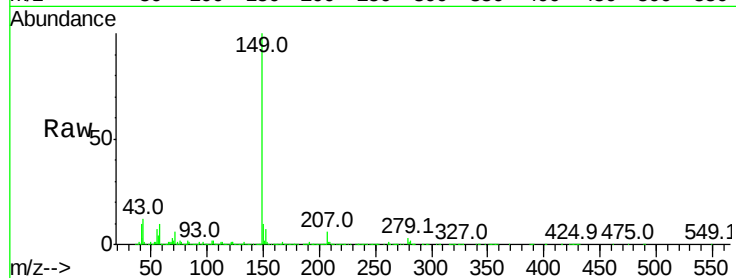
Acq: 12 Sep 2017 09:19

Instrument :

BNA\_M

ClientSampleId :

Tgt Ion:149 Resp: 4441202



#88

Benzo(b)fluoranthene

Concen: 19.986 ng/ul

RT: 23.16 min Scan# 3379

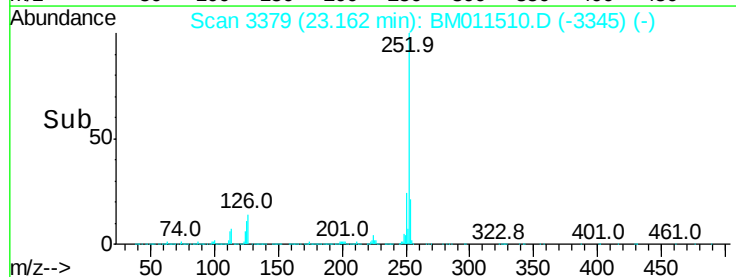
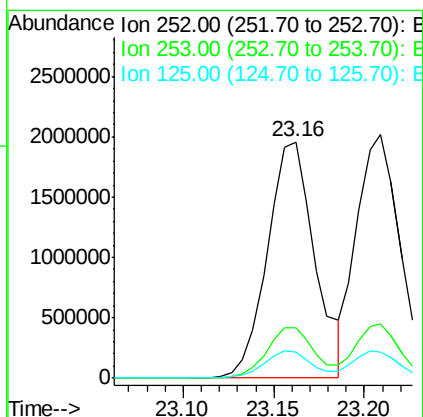
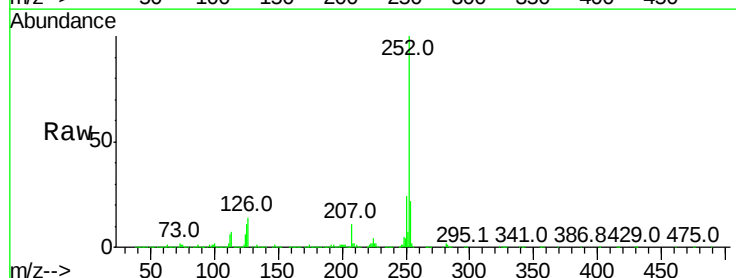
Delta R.T. -0.00 min

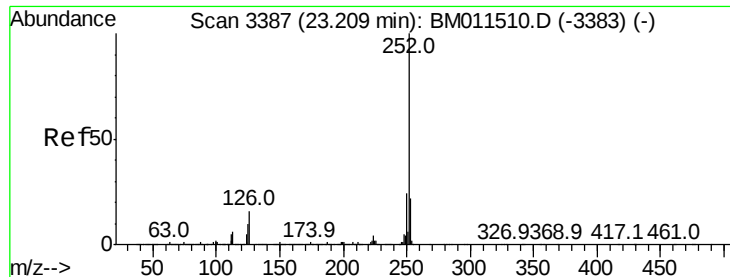
Lab File: BM011510.D

Acq: 12 Sep 2017 09:19

Tgt Ion:252 Resp: 3563915

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.5  | 17.4  | 26.0  |
| 125 | 11.2  | 4.9   | 7.3   |





#89

Benzo(k)fluoranthene

Concen: 19.664 ng/ul

RT: 23.21 min Scan# 3387

Delta R.T. -0.00 min

Lab File: BM011510.D

Acq: 12 Sep 2017 09:19

Instrument :

BNA\_M

ClientSampled :

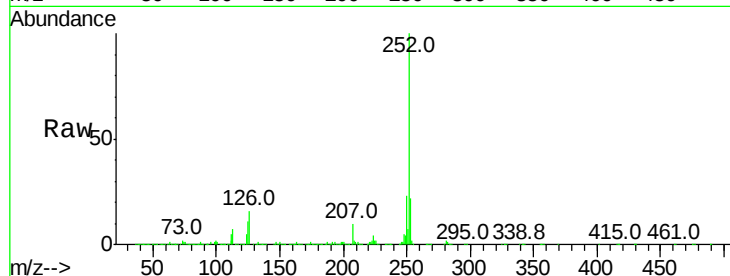
Tot Ion:252 Resp: 3367538

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

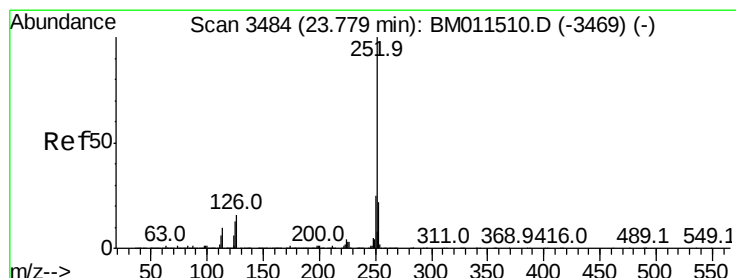
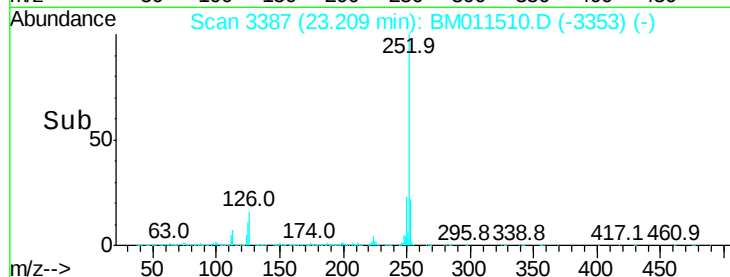
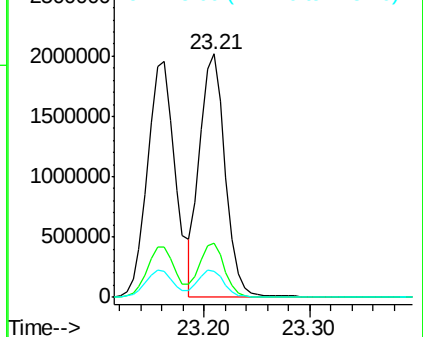
125 10.9 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 20.018 ng/ul

RT: 23.78 min Scan# 3484

Delta R.T. -0.00 min

Lab File: BM011510.D

Acq: 12 Sep 2017 09:19

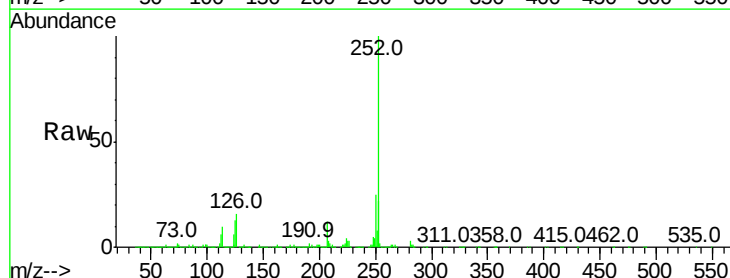
Tgt Ion:252 Resp: 3369352

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

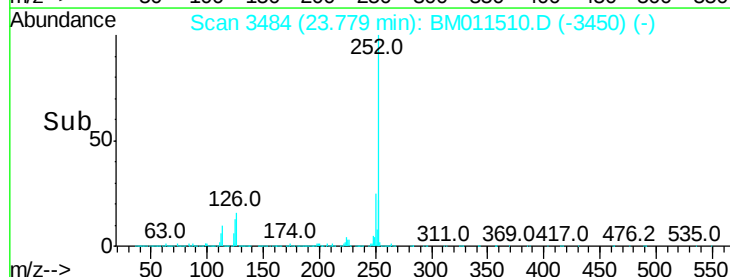
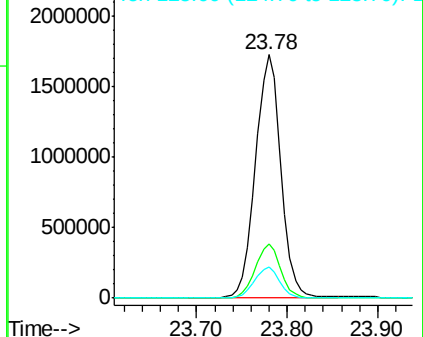
125 12.7 5.8 8.6#

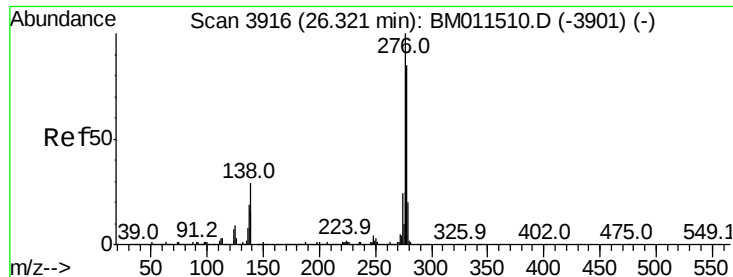


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



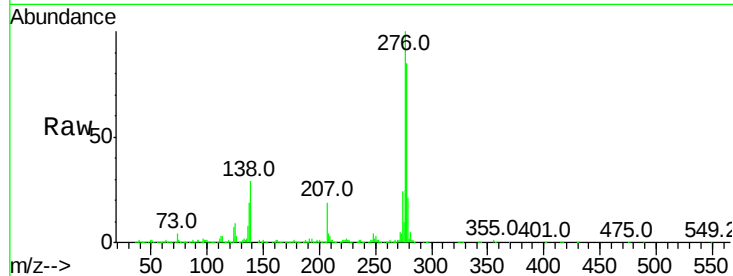


#92

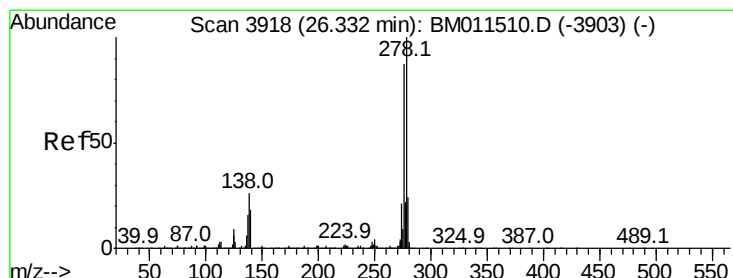
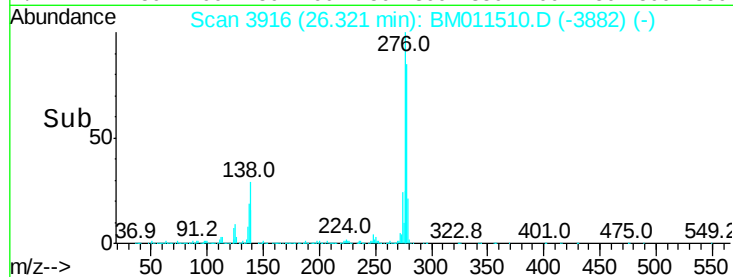
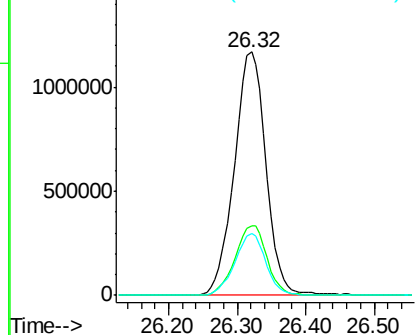
Indeno(1,2,3-cd)pyrene  
Concen: 20.236 ng/ul  
RT: 26.32 min Scan# 3916  
Delta R.T. -0.00 min  
Lab File: BM011510.D  
Acq: 12 Sep 2017 09:19

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:276 Resp: 3746701  
Ion Ratio Lower Upper  
276 100  
138 28.6 10.9 16.3#  
277 25.4 18.9 28.3



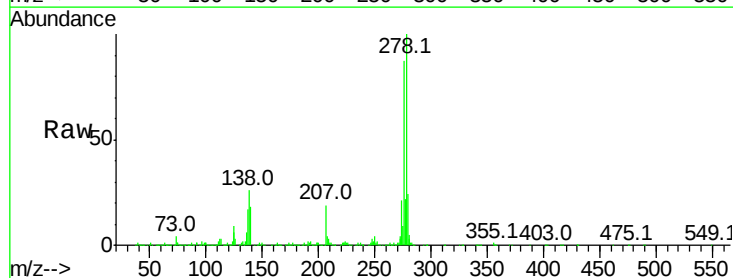
Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E



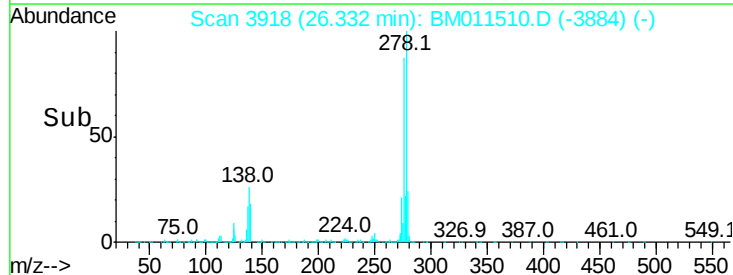
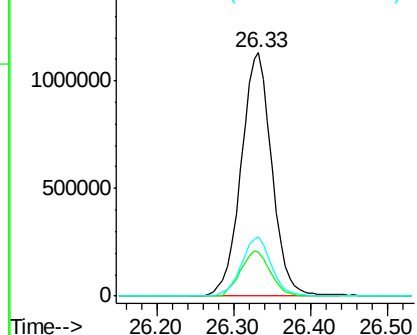
#93

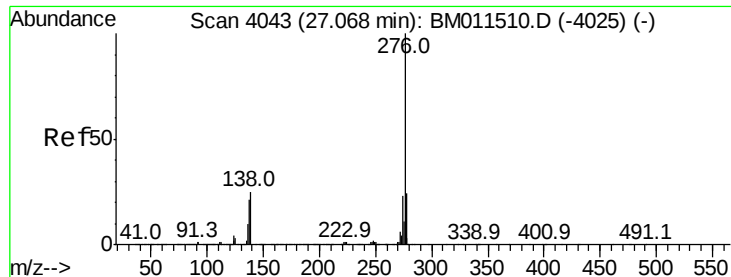
Dibenzo(a,h)anthracene  
Concen: 20.127 ng/ul  
RT: 26.33 min Scan# 3918  
Delta R.T. -0.00 min  
Lab File: BM011510.D  
Acq: 12 Sep 2017 09:19

Tgt Ion:278 Resp: 3159825  
Ion Ratio Lower Upper  
278 100  
139 17.8 9.0 13.4#  
279 24.1 19.1 28.7



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





#94

Benzo(a,h,i)perylene

Concen: 20.076 ng/ul

RT: 27.07 min Scan# 4043

Delta R.T. -0.01 min

Lab File: BM011510.D

Acq: 12 Sep 2017 09:19

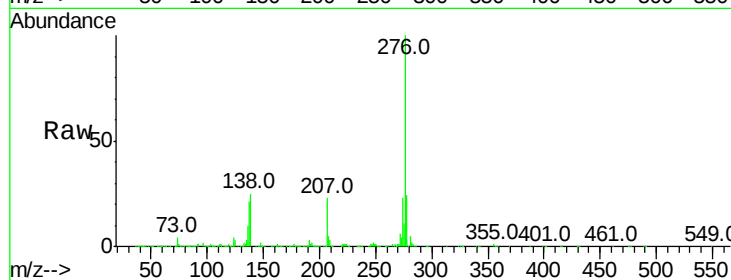
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:276 Resp: 3010209

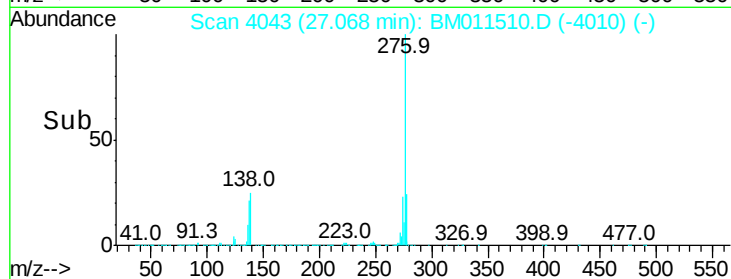
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 25.3  | 11.2  | 16.8# |
| 277 | 24.3  | 19.0  | 28.6  |



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



1200000

800000

600000

400000

200000

0

27.07

27.00

27.20

Time-->