

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM052218\  
 Data File : BM015258.D  
 Acq On : 23 May 2018 02:07  
 Operator : SJ/JU  
 Sample : J2133-09  
 Misc : MDL 5 PPM  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: May 23 04:14:30 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM052218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 22 15:47:28 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.40  | 152  | 211178   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.24 | 136  | 882918   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 15.02 | 164  | 477068   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.73 | 188  | 976198   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.83 | 240  | 916186   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.27 | 264  | 891092   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.89  | 112 | 1711336 | 132.58 | ng | 0.00 |
| 7) Phenol-d6             | 7.55  | 99  | 2219971 | 132.08 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.59  | 82  | 1366603 | 84.79  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.49 | 330 | 855998  | 143.09 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.65 | 172 | 3161955 | 82.39  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.29 | 244 | 4007234 | 96.58  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.62  | 88  | 26475  | 4.965 | ng | # 100  |
| 3) Pyridine                    | 4.09  | 79  | 53289  | 3.901 | ng | # 85   |
| 4) n-Nitrosodimethylamine      | 3.98  | 42  | 29313  | 3.966 | ng | # 60   |
| 6) Aniline                     | 7.72  | 93  | 97850  | 4.725 | ng | 97     |
| 8) 2-Chlorophenol              | 7.96  | 128 | 68505  | 4.703 | ng | 94     |
| 9) Benzaldehyde                | 7.54  | 77  | 38936  | 3.662 | ng | 84     |
| 10) Phenol                     | 7.57  | 94  | 81000  | 4.746 | ng | 82     |
| 11) bis(2-Chloroethyl)ether    | 7.81  | 93  | 66411  | 4.905 | ng | 90     |
| 12) 1,3-Dichlorobenzene        | 8.29  | 146 | 85322  | 5.137 | ng | # 94   |
| 13) 1,4-Dichlorobenzene        | 8.45  | 146 | 86250  | 5.136 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.76  | 146 | 81321  | 5.102 | ng | 95     |
| 15) Benzyl Alcohol             | 8.65  | 79  | 55789  | 4.590 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.93  | 45  | 110326 | 5.165 | ng | 97     |
| 17) 2-Methylphenol             | 8.85  | 107 | 54883  | 4.837 | ng | # 93   |
| 18) Hexachloroethane           | 9.50  | 117 | 28625  | 4.800 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 9.22  | 70  | 51643  | 4.821 | ng | 90     |
| 20) 3+4-Methylphenols          | 9.17  | 107 | 75081  | 4.983 | ng | 94     |
| 22) Acetophenone               | 9.25  | 105 | 109398 | 5.165 | ng | # 94   |
| 24) Nitrobenzene               | 9.63  | 77  | 88932  | 5.299 | ng | 96     |
| 25) Isophorone                 | 10.16 | 82  | 121561 | 4.391 | ng | 94     |
| 26) 2-Nitrophenol              | 10.35 | 139 | 28146  | 3.738 | ng | # 76   |
| 27) 2,4-Dimethylphenol         | 10.39 | 122 | 48225  | 3.531 | ng | 86     |
| 28) bis(2-Chloroethoxy)methane | 10.63 | 93  | 83766  | 4.621 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.89 | 162 | 54942  | 4.249 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 11.10 | 180 | 78156  | 5.130 | ng | 98     |
| 31) Naphthalene                | 11.29 | 128 | 231959 | 5.055 | ng | 99     |
| 32) Benzoic acid               | 10.47 | 122 | 32617  | 4.129 | ng | 97     |
| 33) 4-Chloroaniline            | 11.40 | 127 | 83560  | 4.563 | ng | # 92   |
| 34) Hexachlorobutadiene        | 11.56 | 225 | 47633  | 5.258 | ng | 98     |
| 35) Caprolactam                | 12.16 | 113 | 13515  | 3.693 | ng | 95     |
| 36) 4-Chloro-3-methylphenol    | 12.49 | 107 | 57390  | 4.344 | ng | 94     |
| 37) 2-Methylnaphthalene        | 12.87 | 142 | 156970 | 4.936 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.23 | 216 | 83105  | 4.946 | ng | # 100  |
| 40) Hexachlorocyclopentadiene  | 13.20 | 237 | 25242  | 7.418 | ng | 95     |

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 Sample : J2133-09  
 Misc : MDL 5 PPM  
 ALS Vial : 17 Sample Multiplier: 1

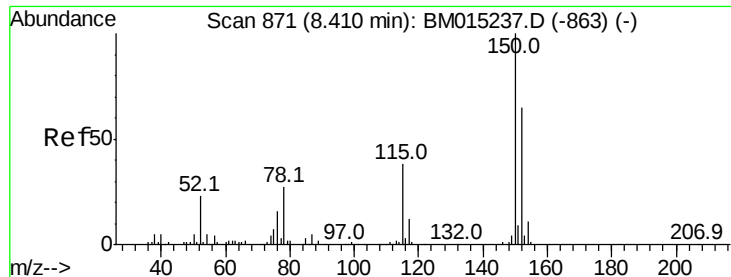
Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: May 23 04:14:30 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM052218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 22 15:47:28 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.47 | 196  | 41055    | 4.066 | ng    | 92       |
| 43) 2,4,5-Trichlorophenol      | 13.54 | 196  | 50037    | 4.589 | ng    | # 89     |
| 45) 1,1'-Biphenyl              | 13.86 | 154  | 218233   | 5.228 | ng    | 97       |
| 46) 2-Chloronaphthalene        | 13.91 | 162  | 163745   | 5.097 | ng    | 95       |
| 47) 2-Nitroaniline             | 14.11 | 65   | 33799    | 3.693 | ng    | 85       |
| 48) Acenaphthylene             | 14.74 | 152  | 228484   | 4.788 | ng    | 100      |
| 49) Dimethylphthalate          | 14.46 | 163  | 194778   | 5.116 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.59 | 165  | 34974    | 4.403 | ng    | 90       |
| 51) Acenaphthene               | 15.08 | 154  | 151109   | 5.084 | ng    | 99       |
| 52) 3-Nitroaniline             | 14.92 | 138  | 31868    | 3.810 | ng    | # 71     |
| 53) 2,4-Dinitrophenol          | 15.13 | 184  | 8706     | 8.229 | ng    | 93       |
| 54) Dibenzofuran               | 15.41 | 168  | 229032   | 4.887 | ng    | 94       |
| 55) 4-Nitrophenol              | 15.22 | 139  | 19930    | 2.938 | ng    | # 60     |
| 56) 2,4-Dinitrotoluene         | 15.37 | 165  | 38982    | 3.584 | ng    | # 86     |
| 57) Fluorene                   | 16.05 | 166  | 180350   | 4.869 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.63 | 232  | 37446    | 4.005 | ng    | # 100    |
| 59) Diethylphthalate           | 15.80 | 149  | 184265   | 4.910 | ng    | 97       |
| 60) 4-Chlorophenyl-phenylether | 16.03 | 204  | 93700    | 4.967 | ng    | 95       |
| 61) 4-Nitroaniline             | 16.07 | 138  | 30365    | 3.472 | ng    | # 66     |
| 62) Azobenzene                 | 16.33 | 77   | 160793   | 4.510 | ng    | 91       |
| 64) 4,6-Dinitro-2-methylphenol | 16.13 | 198  | 17239    | 3.199 | ng    | 93       |
| 65) n-Nitrosodiphenylamine     | 16.24 | 169  | 151250   | 4.822 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.92 | 248  | 52507    | 4.814 | ng    | # 85     |
| 67) Hexachlorobenzene          | 17.04 | 284  | 64086    | 5.102 | ng    | # 91     |
| 68) Atrazine                   | 17.17 | 200  | 29398    | 2.955 | ng    | 94       |
| 69) Pentachlorophenol          | 17.39 | 266  | 26612    | 3.806 | ng    | 99       |
| 70) Phenanthrene               | 17.77 | 178  | 275485   | 4.955 | ng    | 100      |
| 71) Anthracene                 | 17.87 | 178  | 248032   | 4.475 | ng    | 99       |
| 72) Carbazole                  | 18.13 | 167  | 233335   | 4.755 | ng    | 99       |
| 73) Di-n-butylphthalate        | 18.65 | 149  | 249517   | 4.319 | ng    | 98       |
| 74) Fluoranthene               | 19.75 | 202  | 283311   | 4.646 | ng    | 98       |
| 76) Benzidine                  | 19.92 | 184  | 72451    | 2.526 | ng    | 99       |
| 77) Pyrene                     | 20.10 | 202  | 296718   | 5.131 | ng    | 99       |
| 79) Butylbenzylphthalate       | 20.95 | 149  | 99797    | 4.227 | ng    | # 88     |
| 80) Benzo(a)anthracene         | 21.81 | 228  | 277967   | 4.815 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.74 | 252  | 93142    | 4.357 | ng    | 99       |
| 82) Chrysene                   | 21.87 | 228  | 277307   | 5.100 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.70 | 149  | 141736   | 4.127 | ng    | 100      |
| 84) Di-n-octyl phthalate       | 22.63 | 149  | 215854   | 3.594 | ng    | # 93     |
| 85) Indeno(1,2,3-cd)pyrene     | 26.79 | 276  | 292653   | 4.449 | ng    | # 91     |
| 87) Benzo(b)fluoranthene       | 23.53 | 252  | 270059   | 4.790 | ng    | # 97     |
| 88) Benzo(k)fluoranthene       | 23.57 | 252  | 260037   | 4.876 | ng    | 98       |
| 89) Benzo(a)pyrene             | 24.16 | 252  | 239237   | 4.549 | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 26.80 | 278  | 249177   | 4.644 | ng    | 98       |
| 91) Benzo(g,h,i)perylene       | 27.56 | 276  | 239507   | 4.583 | ng    | 96       |

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



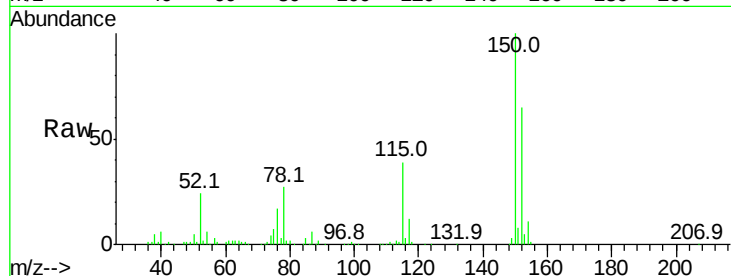


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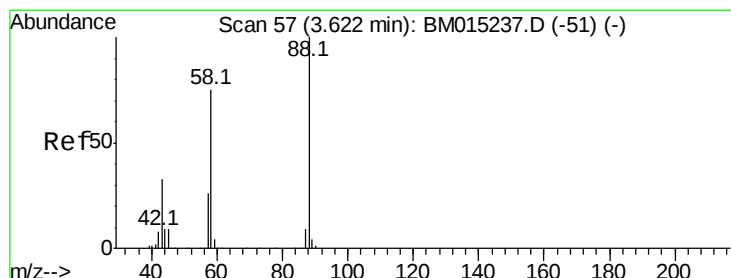
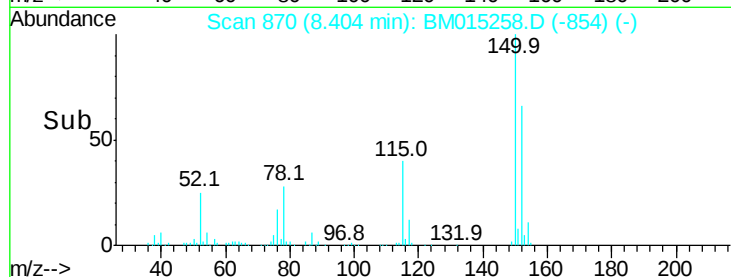
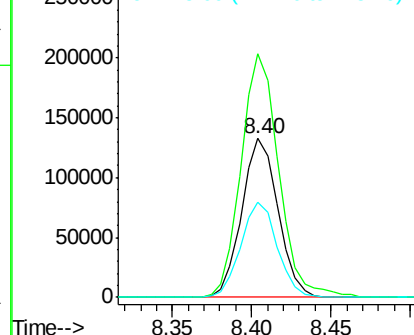
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.40 min Scan# 870  
Delta R.T. -0.01 min  
Lab File: BM015258.D  
Acq: 23 May 2018 02:07

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:152 Resp: 211178  
Ion Ratio Lower Upper  
152 100  
150 153.4 119.5 179.3  
115 60.1 43.0 64.4



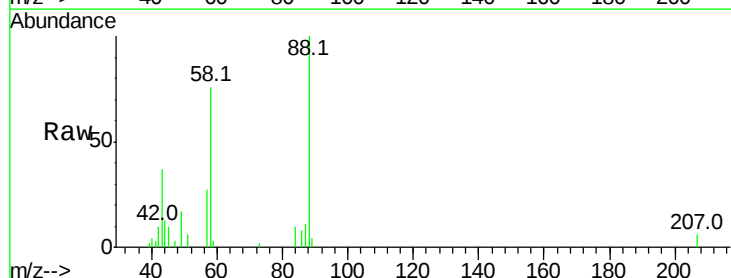
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



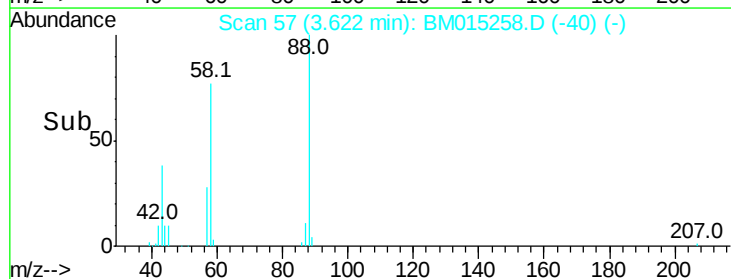
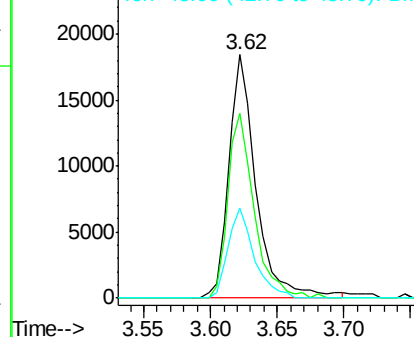
#2

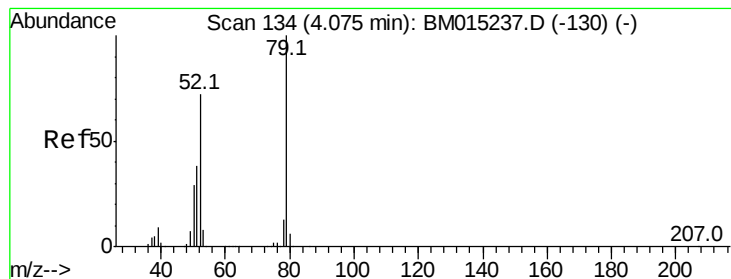
1,4-Dioxane  
Concen: 4.965 ng  
RT: 3.62 min Scan# 57  
Delta R.T. -0.00 min  
Lab File: BM015258.D  
Acq: 23 May 2018 02:07

Tgt Ion: 88 Resp: 26475  
Ion Ratio Lower Upper  
88 100  
58 73.0 0.0 0.0#  
43 35.2 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: 3.901 ng

RT: 4.09 min Scan# 136

Delta R.T. 0.01 min

Lab File: BM015258.D

Acq: 23 May 2018 02:07

Instrument :

BNA\_M

ClientSampleId :

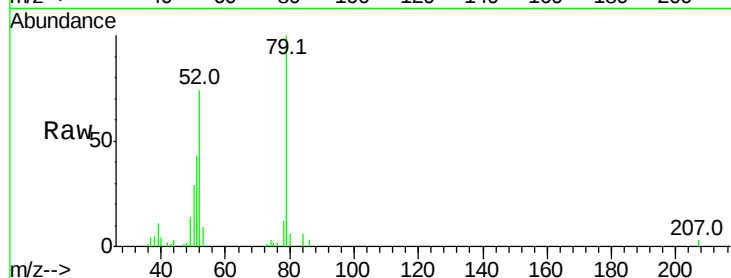
Tot Ion: 79 Resp: 53289

Ion Ratio Lower Upper

79 100

52 74.4 51.1 76.7

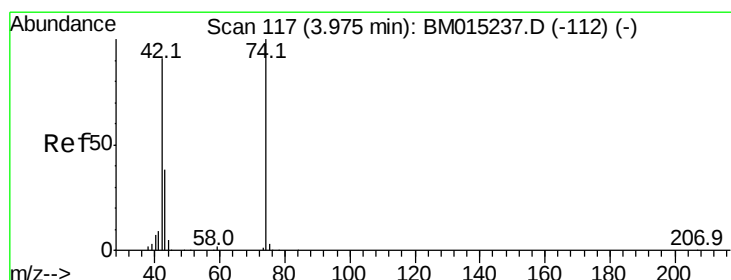
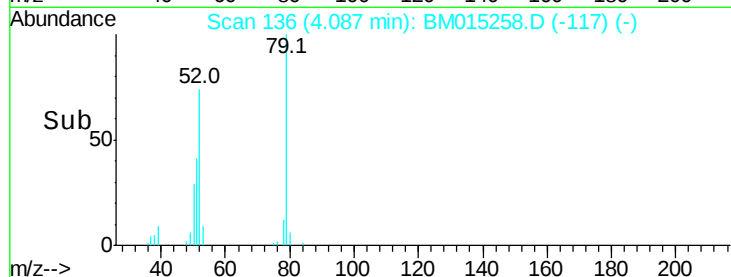
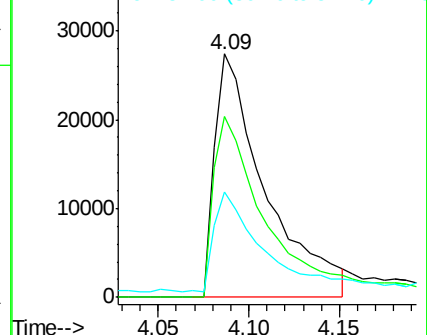
51 43.1 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM015237.D (-130) (-)

Ion 52.00 (51.70 to 52.70): BM015237.D (-130) (-)

Ion 51.00 (50.70 to 51.70): BM015237.D (-130) (-)



#4

n-Nitrosodimethylamine

Concen: 3.966 ng

RT: 3.98 min Scan# 118

Delta R.T. 0.01 min

Lab File: BM015258.D

Acq: 23 May 2018 02:07

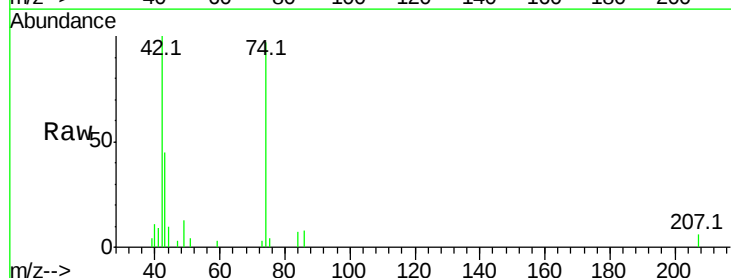
Tgt Ion: 42 Resp: 29313

Ion Ratio Lower Upper

42 100

74 96.6 119.3 178.9#

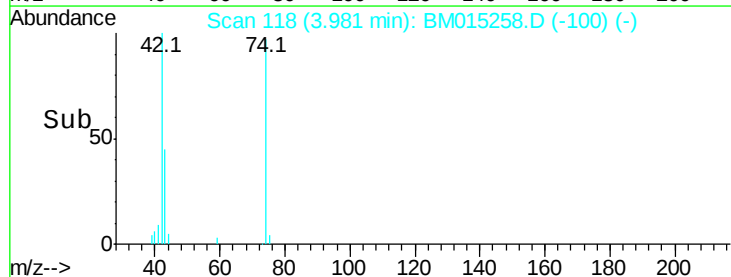
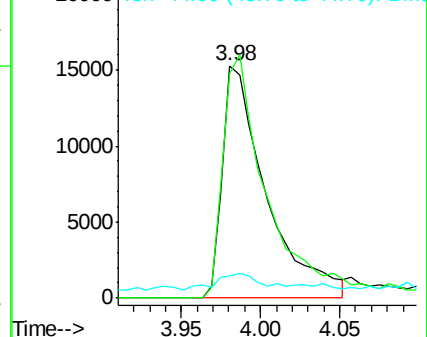
44 9.6 5.4 8.2#

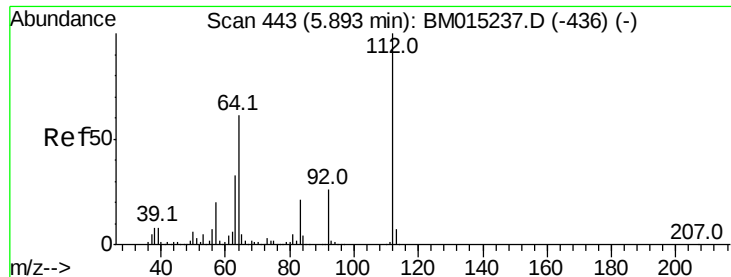


Abundance Ion 42.00 (41.70 to 42.70): BM015237.D (-112) (-)

Ion 74.00 (73.70 to 74.70): BM015237.D (-112) (-)

Ion 44.00 (43.70 to 44.70): BM015237.D (-112) (-)





#5

2-Fluorophenol

Concen: 132.584 ng

RT: 5.89 min Scan# 443

Delta R.T. 0.00 min

Lab File: BM015258.D

Acq: 23 May 2018 02:07

Instrument :

BNA\_M

ClientSampleId :

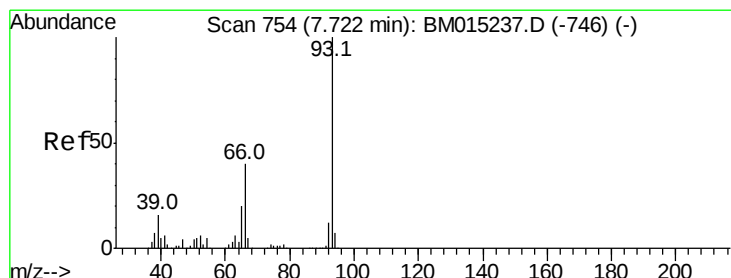
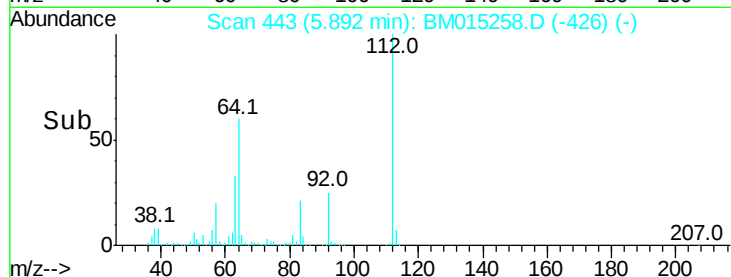
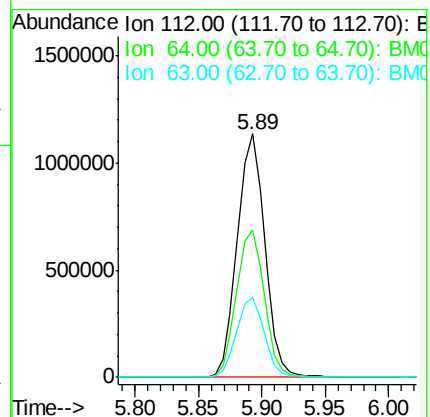
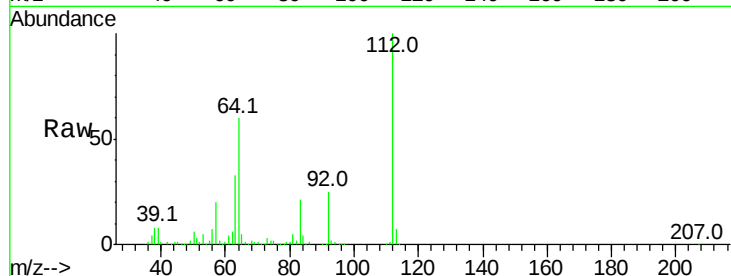
Tot Ion:112 Resp: 1711336

Ion Ratio Lower Upper

112 100

64 60.5 38.6 57.8#

63 32.9 19.3 28.9#



#6

Aniline

Concen: 4.725 ng

RT: 7.72 min Scan# 754

Delta R.T. -0.00 min

Lab File: BM015258.D

Acq: 23 May 2018 02:07

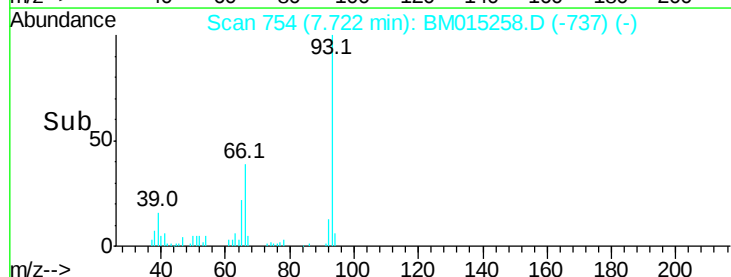
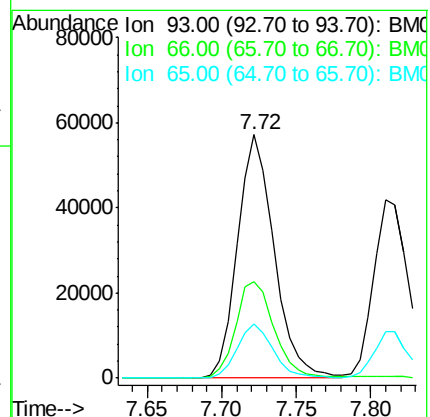
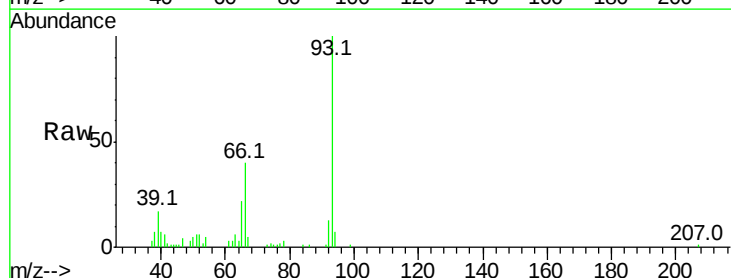
Tgt Ion: 93 Resp: 97850

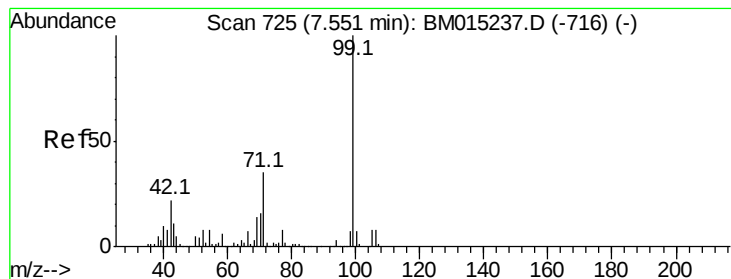
Ion Ratio Lower Upper

93 100

66 39.5 30.8 46.2

65 22.1 16.0 24.0





#7

Phenol-d6

Concen: 132.077 ng

RT: 7.55 min Scan# 724

Delta R.T. -0.00 min

Lab File: BM015258.D

Acq: 23 May 2018 02:07

Instrument :

BNA\_M

ClientSampled :

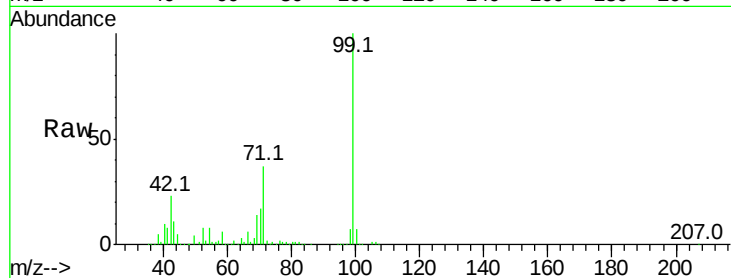
Tot Ion: 99 Resp: 2219971

Ion Ratio Lower Upper

99 100

42 22.9 11.0 16.4#

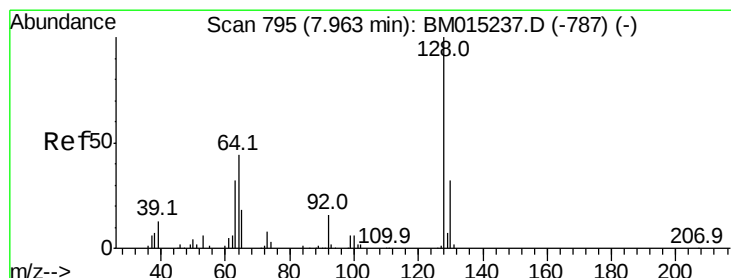
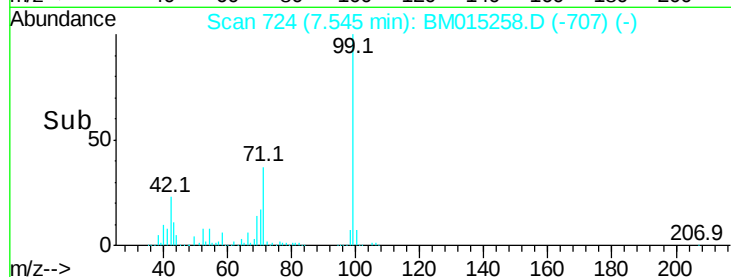
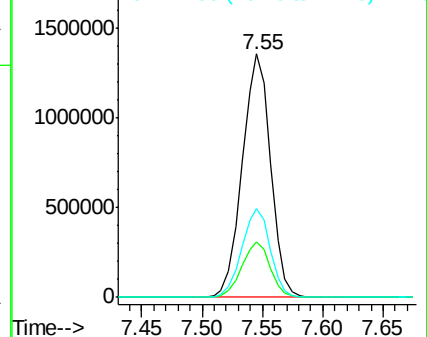
71 36.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015237.D (-716) (-)

Ion 42.00 (41.70 to 42.70): BM015237.D (-716) (-)

Ion 71.00 (70.70 to 71.70): BM015237.D (-716) (-)



#8

2-Chlorophenol

Concen: 4.703 ng

RT: 7.96 min Scan# 795

Delta R.T. -0.00 min

Lab File: BM015258.D

Acq: 23 May 2018 02:07

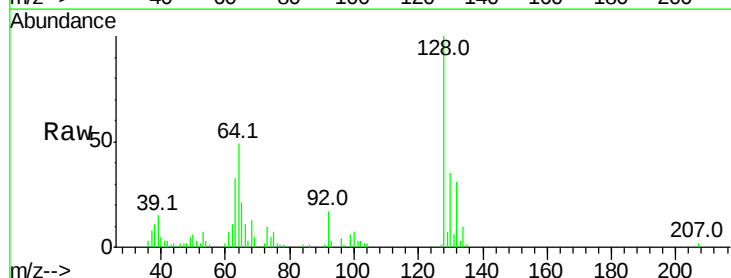
Tgt Ion:128 Resp: 68505

Ion Ratio Lower Upper

128 100

130 35.2 12.0 52.0

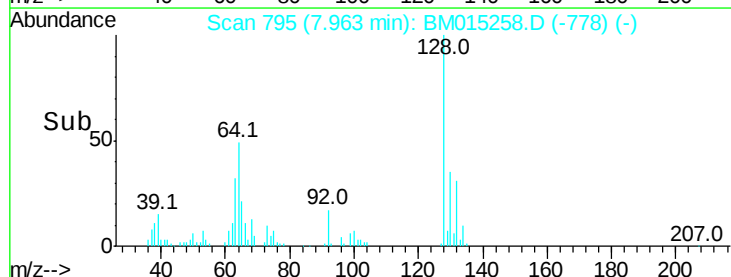
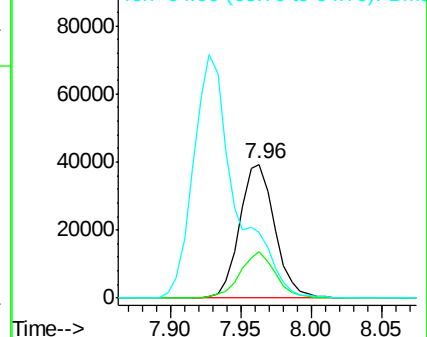
64 49.4 24.9 64.9

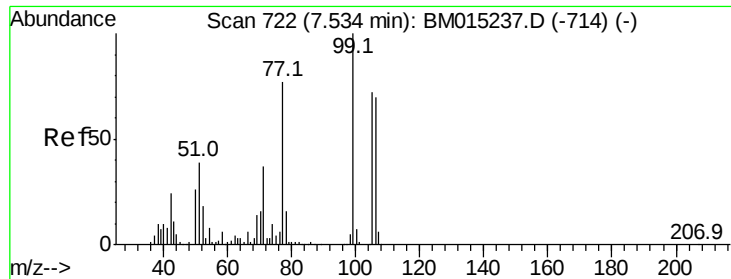


Abundance Ion 128.00 (127.70 to 128.70): BM015237.D (-787) (-)

Ion 130.00 (129.70 to 130.70): BM015237.D (-787) (-)

Ion 64.00 (63.70 to 64.70): BM015237.D (-787) (-)

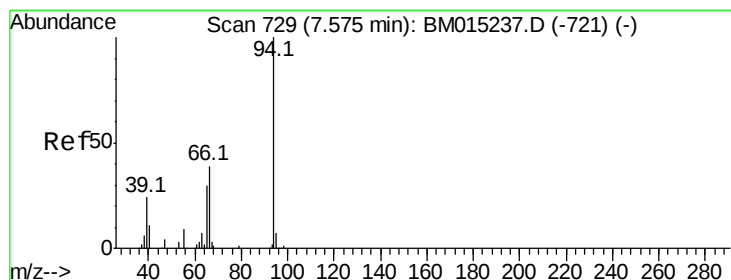
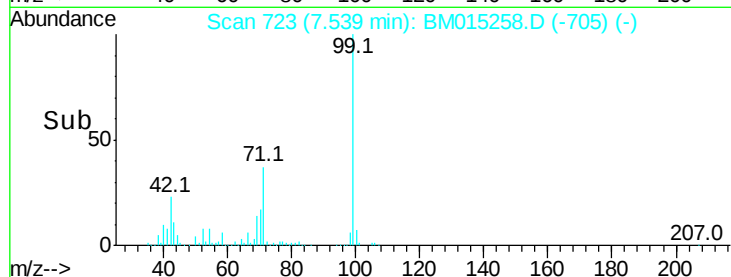
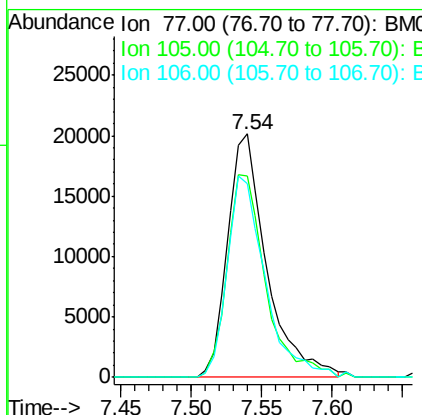
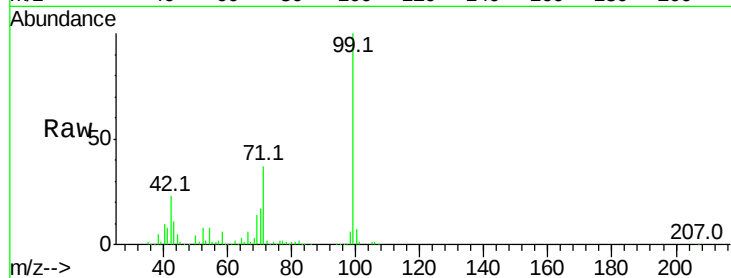




#9  
Benzaldehyde  
Concen: 3.662 ng  
RT: 7.54 min Scan# 723  
Delta R.T. 0.01 min  
Lab File: BM015258.D  
Acq: 23 May 2018 02:07

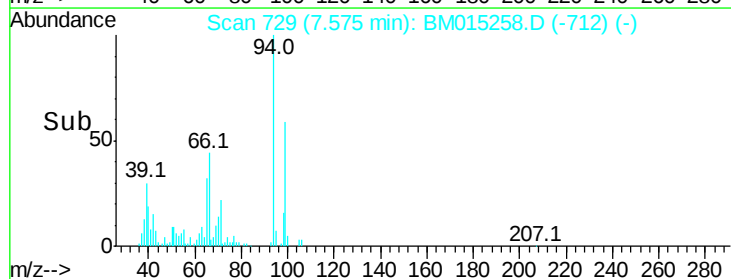
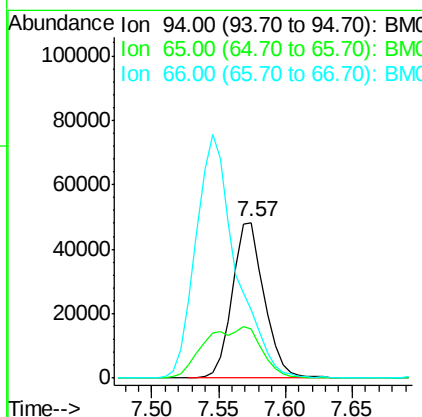
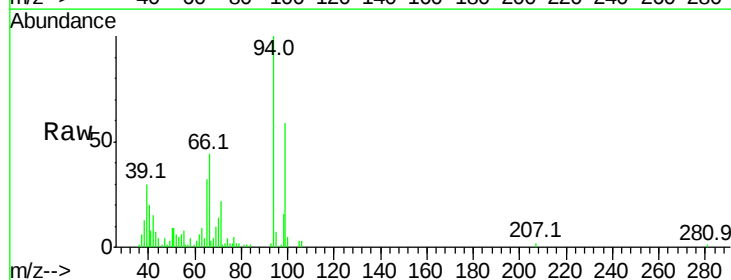
Instrument :  
BNA\_M  
ClientSampleId :

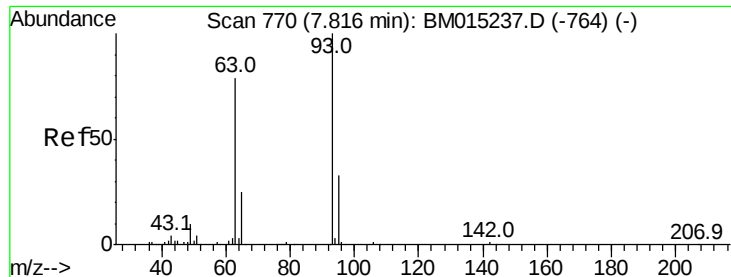
Tot Ion: 77 Resp: 38936  
Ion Ratio Lower Upper  
77 100  
105 82.6 78.8 118.8  
106 79.6 73.7 113.7



#10  
Phenol  
Concen: 4.746 ng  
RT: 7.57 min Scan# 729  
Delta R.T. -0.00 min  
Lab File: BM015258.D  
Acq: 23 May 2018 02:07

Tgt Ion: 94 Resp: 81000  
Ion Ratio Lower Upper  
94 100  
65 31.5 18.8 58.8  
66 43.6 39.9 79.9

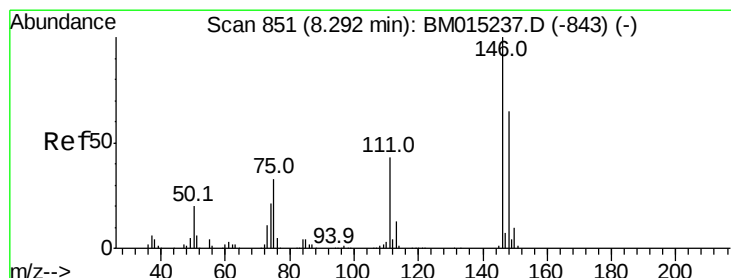
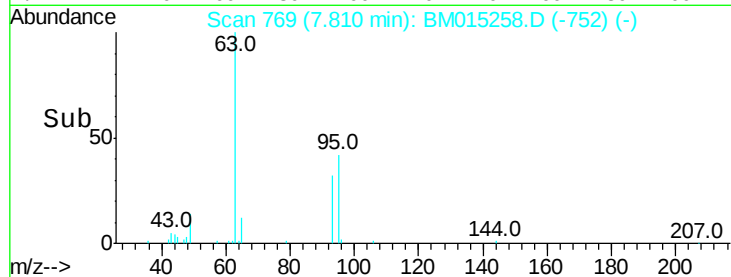
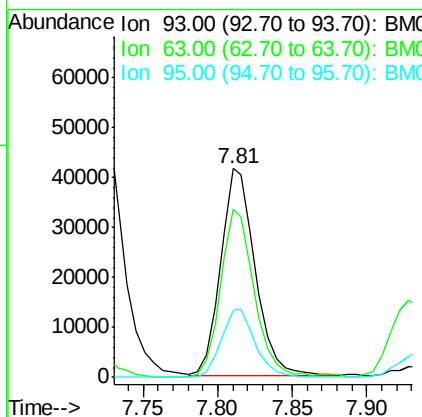
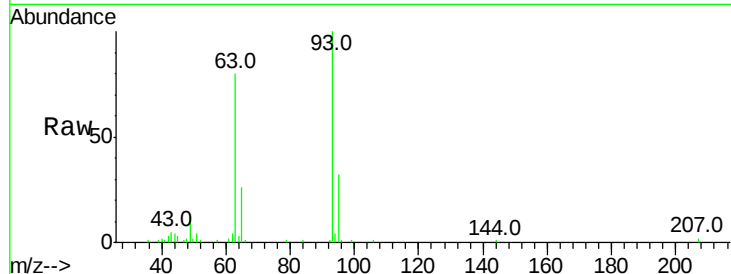




#11  
bis(2-Chloroethyl)ether  
Concen: 4.905 ng  
RT: 7.81 min Scan# 769  
Delta R.T. -0.00 min  
Lab File: BM015258.D  
Acq: 23 May 2018 02:07

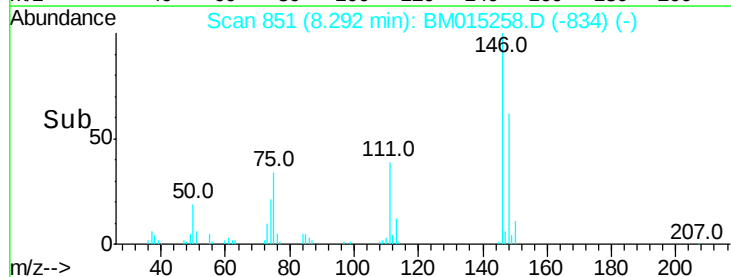
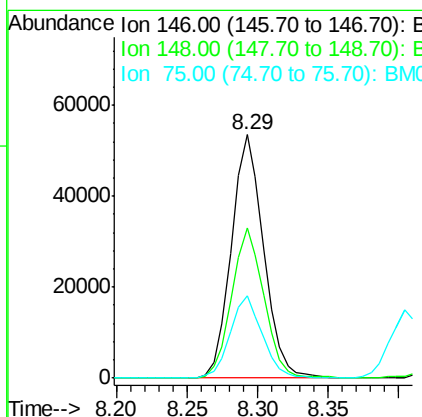
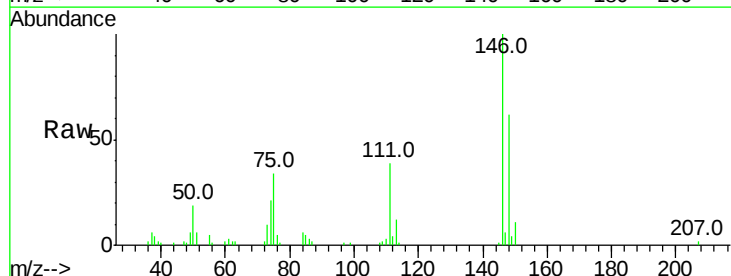
Instrument :  
BNA\_M  
ClientSampleId :

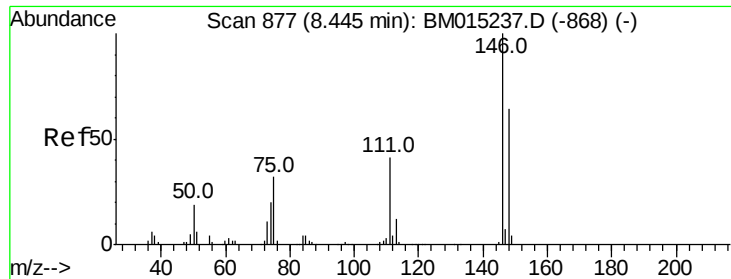
Tot Ion: 93 Resp: 66411  
Ion Ratio Lower Upper  
93 100  
63 80.3 49.5 89.5  
95 32.1 13.5 53.5



#12  
1,3-Dichlorobenzene  
Concen: 5.137 ng  
RT: 8.29 min Scan# 851  
Delta R.T. -0.00 min  
Lab File: BM015258.D  
Acq: 23 May 2018 02:07

Tgt Ion: 146 Resp: 85322  
Ion Ratio Lower Upper  
146 100  
148 61.8 50.9 76.3  
75 33.7 21.4 32.2#

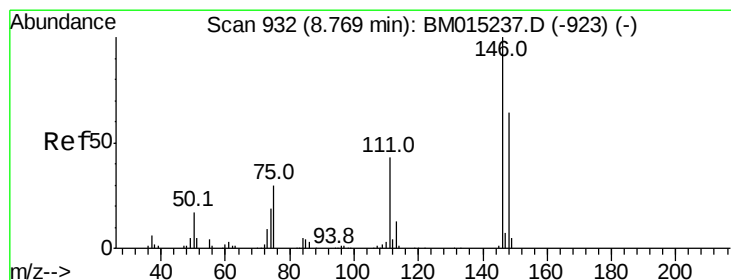
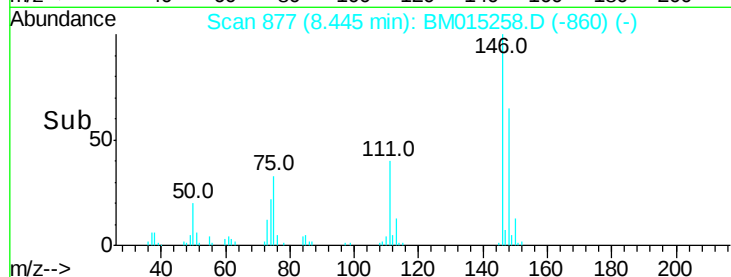
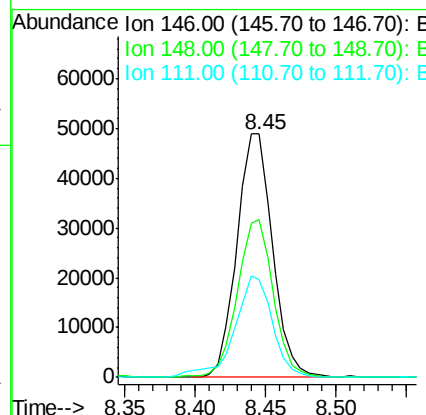
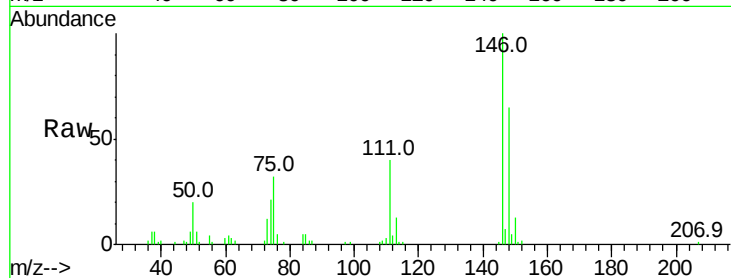




#13  
 1,4-Dichlorobenzene  
 Concen: 5.136 ng  
 RT: 8.45 min Scan# 877  
 Delta R.T. -0.00 min  
 Lab File: BM015258.D  
 Acq: 23 May 2018 02:07

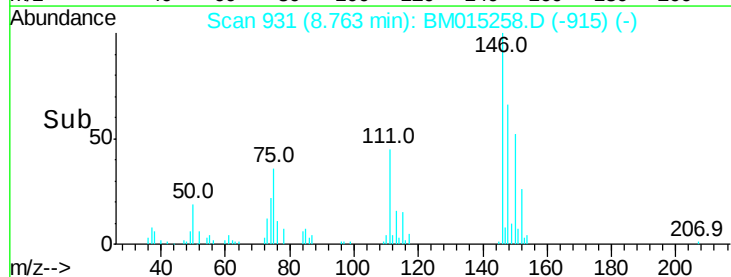
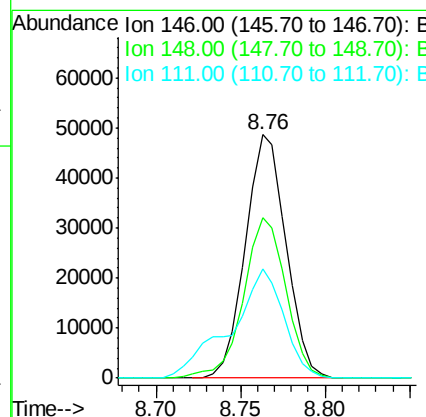
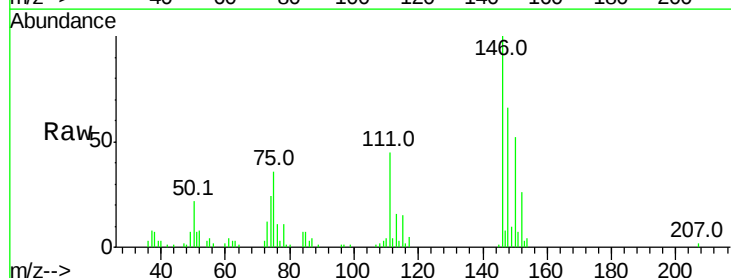
Instrument :  
 BNA\_M  
 ClientSampleId :

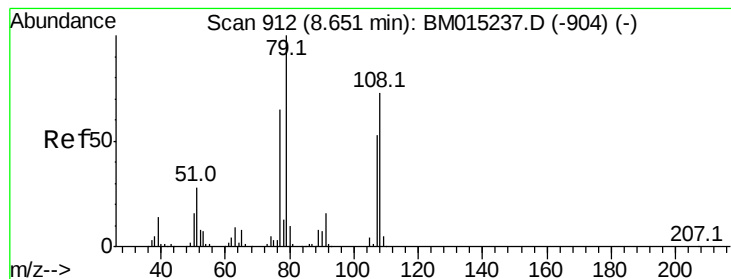
Tot Ion:146 Resp: 86250  
 Ion Ratio Lower Upper  
 146 100  
 148 64.9 51.9 77.9  
 111 39.9 29.2 43.8



#14  
 1,2-Dichlorobenzene  
 Concen: 5.102 ng  
 RT: 8.76 min Scan# 931  
 Delta R.T. -0.01 min  
 Lab File: BM015258.D  
 Acq: 23 May 2018 02:07

Tgt Ion:146 Resp: 81321  
 Ion Ratio Lower Upper  
 146 100  
 148 65.8 52.3 78.5  
 111 45.0 30.6 45.8





#15

Benzyl Alcohol

Concen: 4.590 ng

RT: 8.65 min Scan# 912

Delta R.T. -0.00 min

Lab File: BM015258.D

Acq: 23 May 2018 02:07

Instrument :

BNA\_M

ClientSampled :

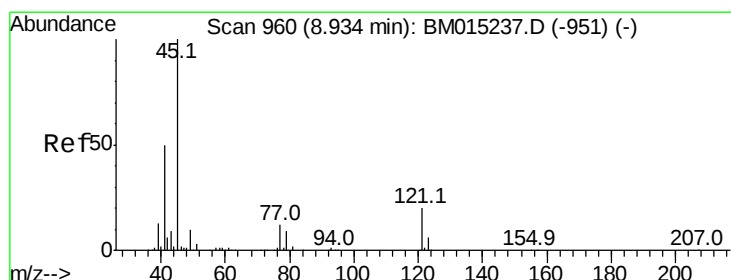
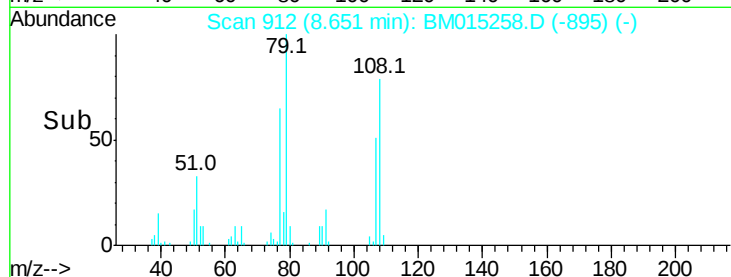
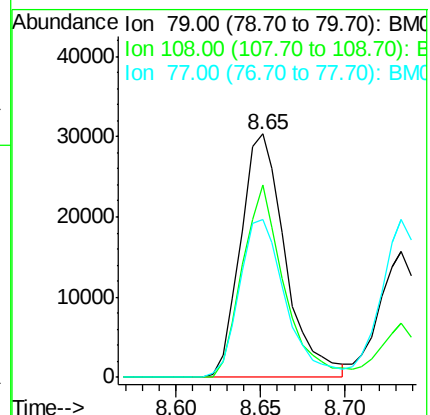
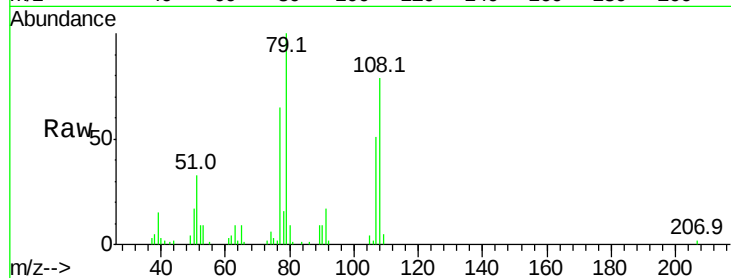
Tot Ion: 79 Resp: 55789

Ion Ratio Lower Upper

79 100

108 79.1 65.0 97.4

77 64.6 53.0 79.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 5.165 ng

RT: 8.93 min Scan# 960

Delta R.T. -0.00 min

Lab File: BM015258.D

Acq: 23 May 2018 02:07

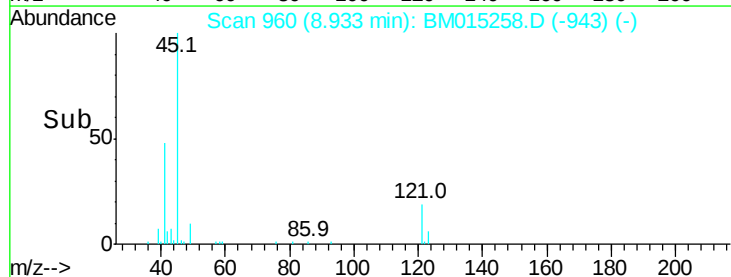
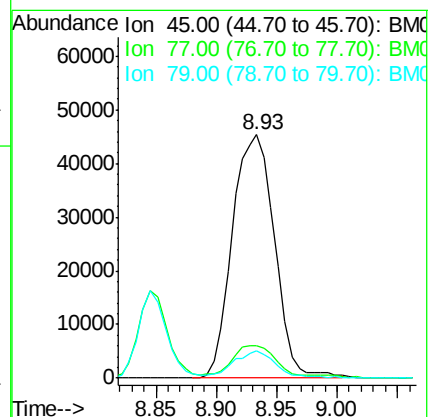
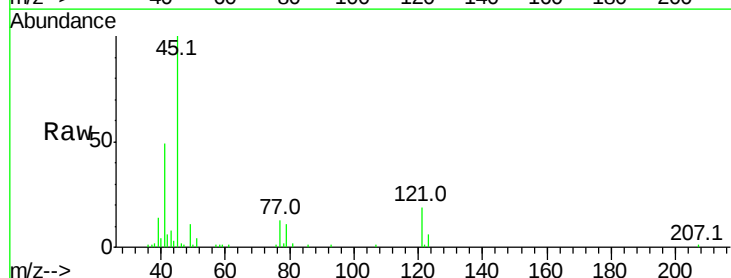
Tgt Ion: 45 Resp: 110326

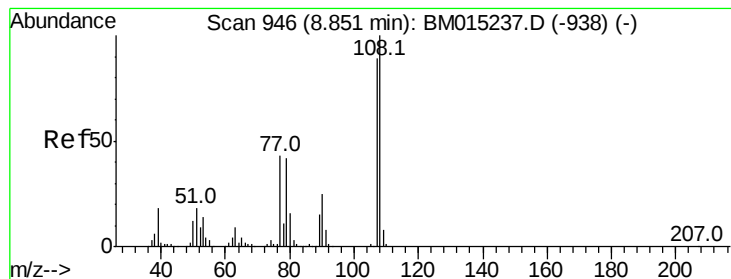
Ion Ratio Lower Upper

45 100

77 13.4 0.0 35.2

79 11.1 0.0 32.0

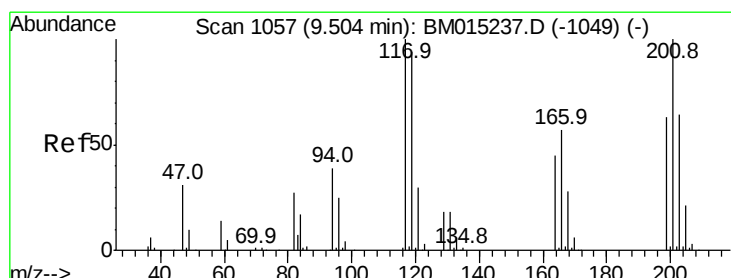
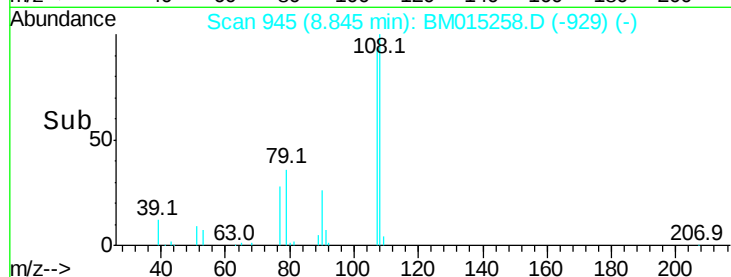
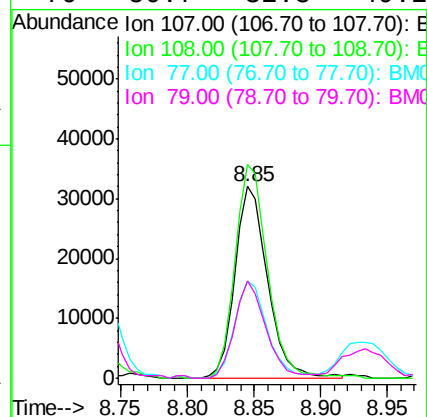
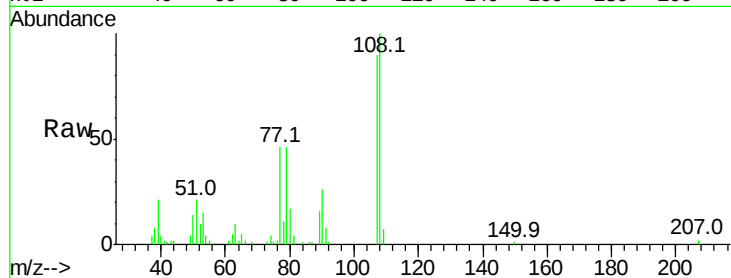




#17  
2-Methylphenol  
Concen: 4.837 ng  
RT: 8.85 min Scan# 945  
Delta R.T. -0.01 min  
Lab File: BM015258.D  
Acq: 23 May 2018 02:07

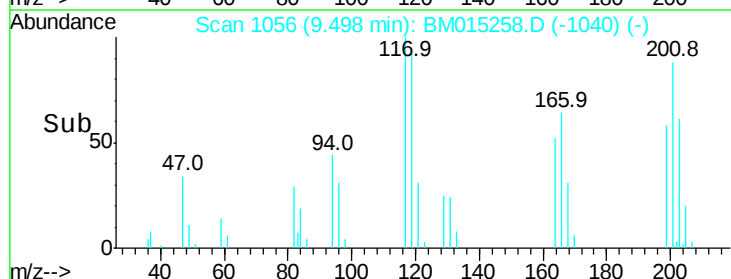
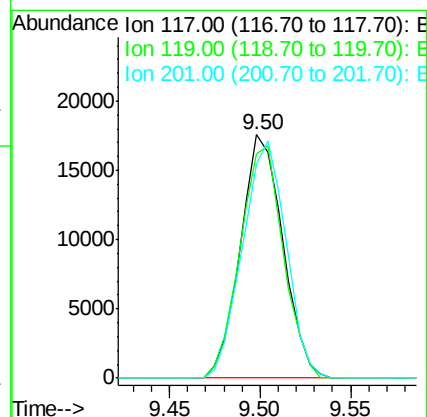
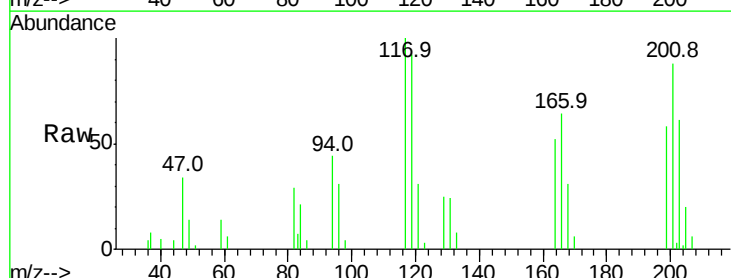
Instrument :  
BNA\_M  
ClientSampled :

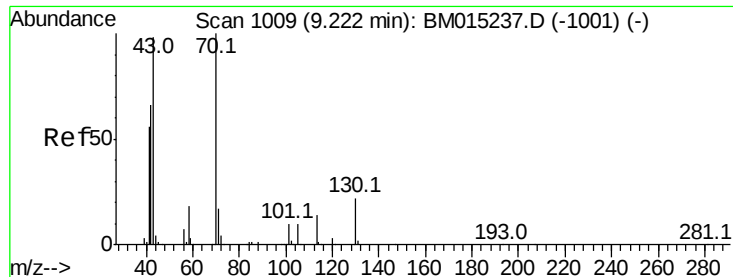
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 111.3 | 89.8  | 134.8 |
| 77      | 50.7  | 32.6  | 48.8# |
| 79      | 50.7  | 32.8  | 49.2# |



#18  
Hexachloroethane  
Concen: 4.800 ng  
RT: 9.50 min Scan# 1056  
Delta R.T. -0.01 min  
Lab File: BM015258.D  
Acq: 23 May 2018 02:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 92.2  | 79.2  | 118.8 |
| 201     | 87.8  | 69.8  | 104.6 |

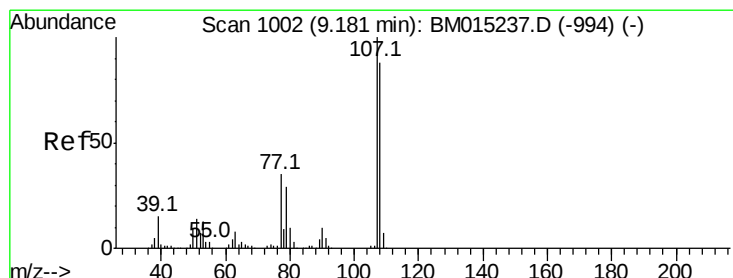
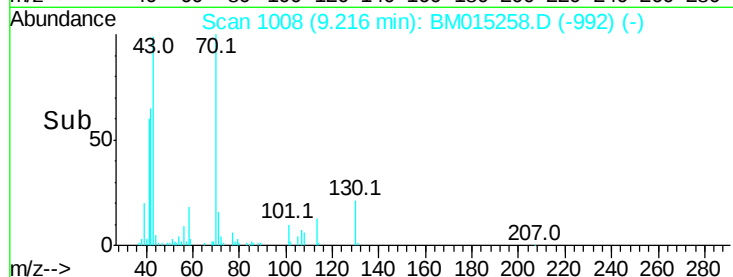
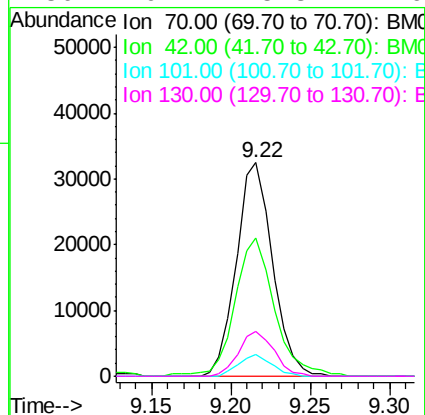
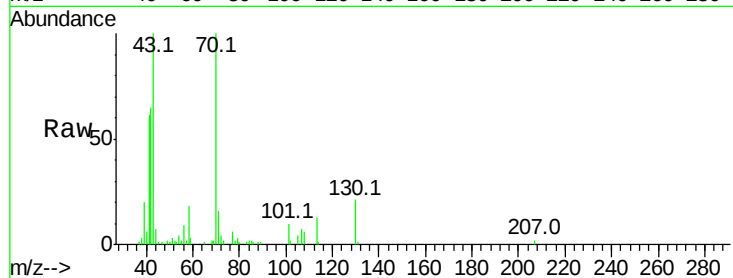




#19  
n-Nitroso-di-n-propylamine  
Concen: 4.821 ng  
RT: 9.22 min Scan# 1008  
Delta R.T. -0.01 min  
Lab File: BM015258.D  
Acq: 23 May 2018 02:07

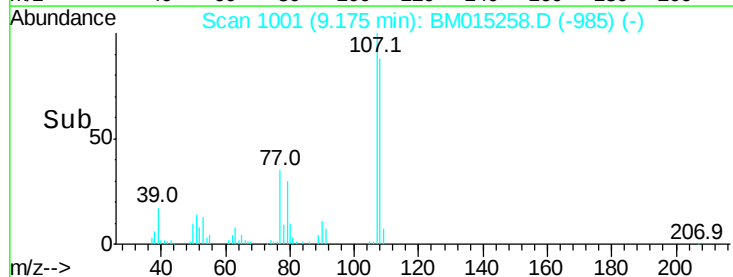
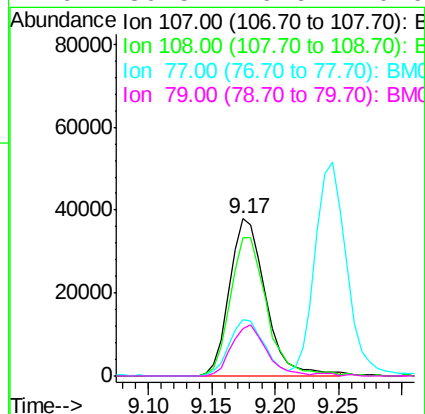
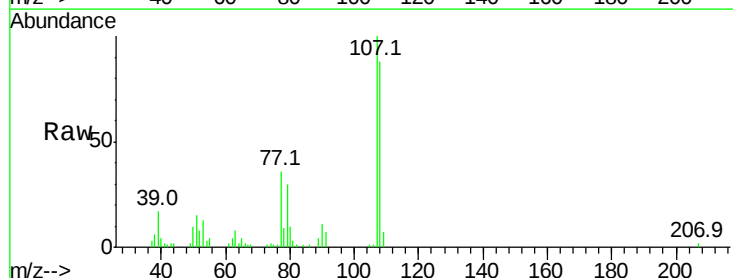
Instrument :  
BNA\_M  
ClientSampleId :

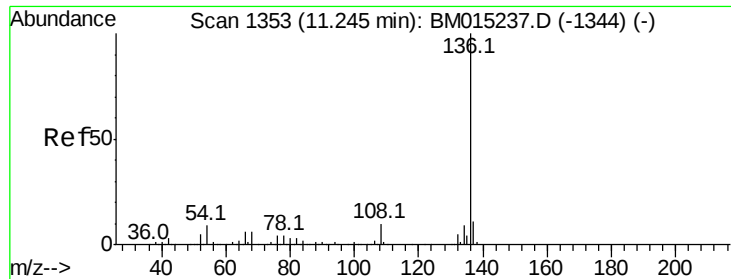
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 70    | Resp: | 51643 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 64.9  | 44.5  | 66.7  |
| 101      | 10.1  | 7.4   | 11.2  |
| 130      | 20.7  | 15.3  | 22.9  |



#20  
3+4-Methylphenols  
Concen: 4.983 ng  
RT: 9.17 min Scan# 1001  
Delta R.T. -0.01 min  
Lab File: BM015258.D  
Acq: 23 May 2018 02:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 75081 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 87.8  | 73.2  | 113.2 |
| 77       | 36.1  | 10.7  | 50.7  |
| 79       | 30.5  | 9.6   | 49.6  |

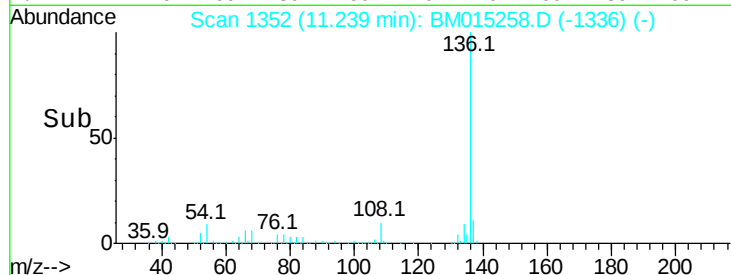
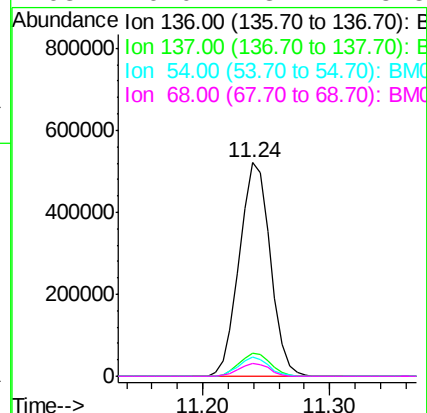
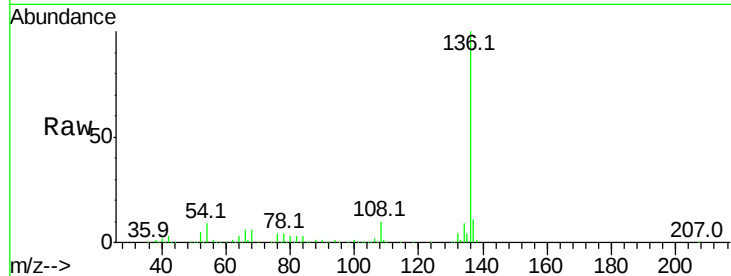




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.24 min Scan# 1352  
Delta R.T. -0.01 min  
Lab File: BM015258.D  
Acq: 23 May 2018 02:07

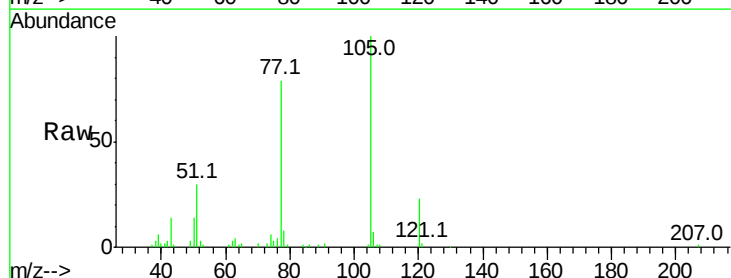
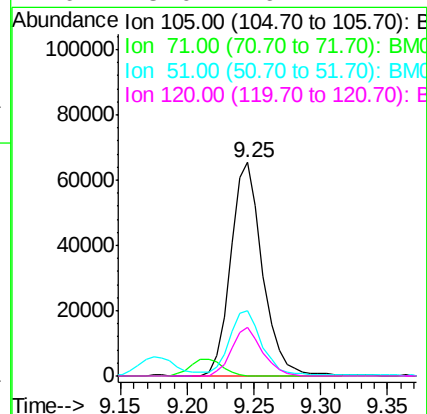
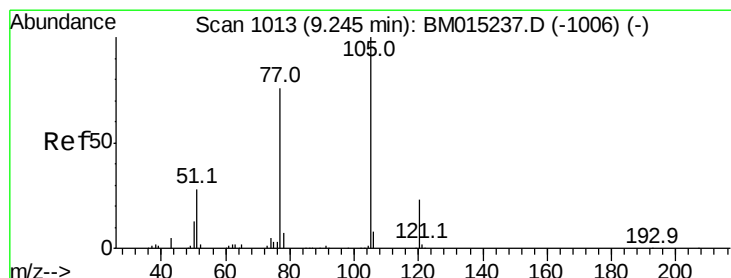
Instrument :  
BNA\_M  
ClientSampleId :

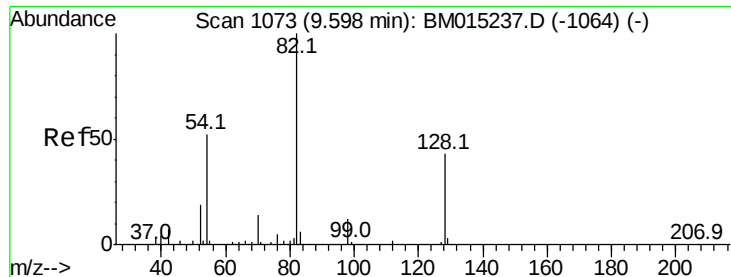
|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 882918 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 11.1    | 8.7   | 13.1   |
| 54 8.9      | 4.6   | 6.8#   |
| 68 6.0      | 3.7   | 5.5#   |



#22  
Acetophenone  
Concen: 5.165 ng  
RT: 9.25 min Scan# 1013  
Delta R.T. -0.00 min  
Lab File: BM015258.D  
Acq: 23 May 2018 02:07

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 109398 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 0.0     | 0.6   | 1.0#   |
| 51  | 30.4    | 21.6  | 32.4   |
| 120 | 23.0    | 16.1  | 24.1   |

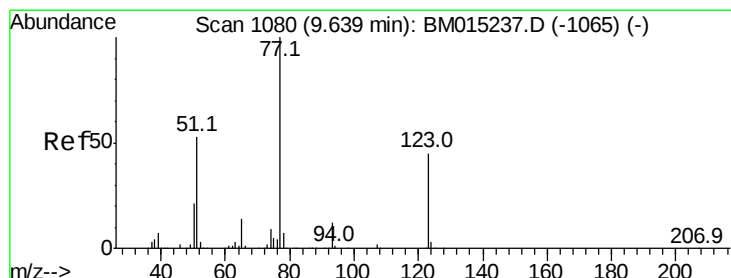
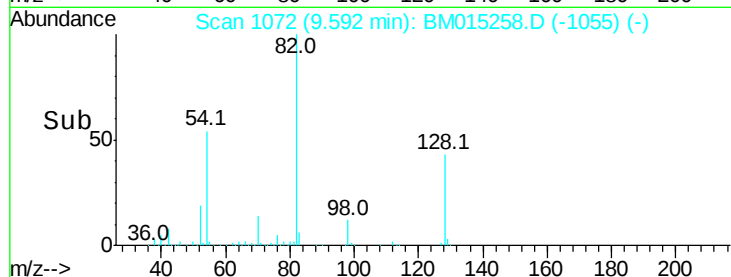
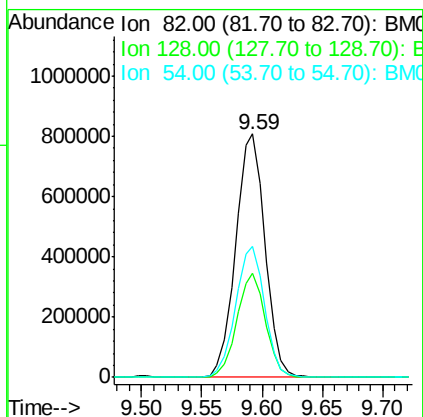
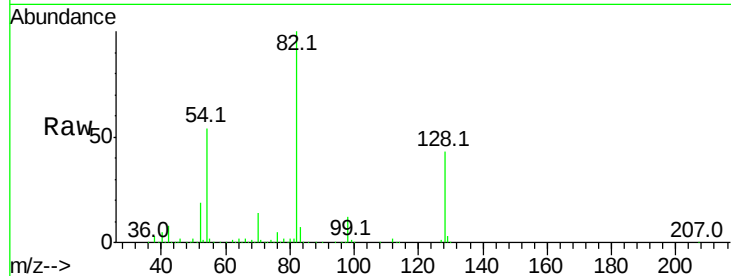




#23  
 Nitrobenzene-d5  
 Concen: 84.790 ng  
 RT: 9.59 min Scan# 1072  
 Delta R.T. 0.00 min  
 Lab File: BM015258.D  
 Acq: 23 May 2018 02:07

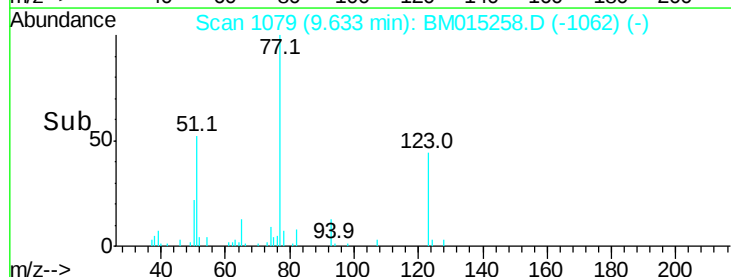
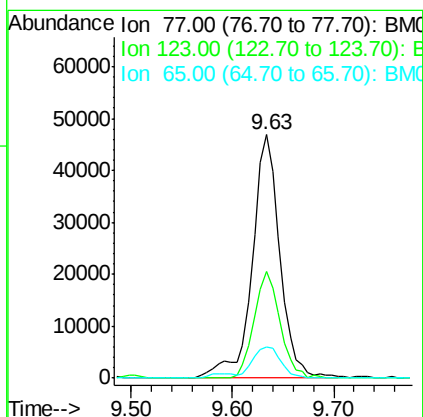
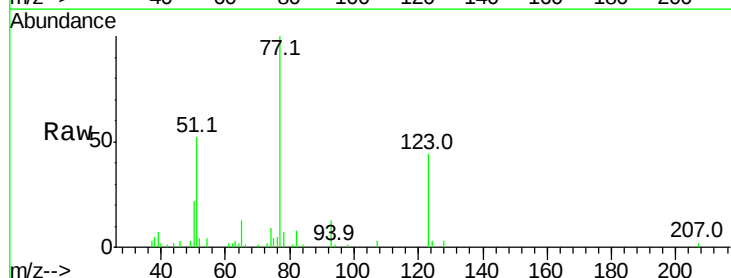
Instrument :  
 BNA\_M  
 ClientSampled :

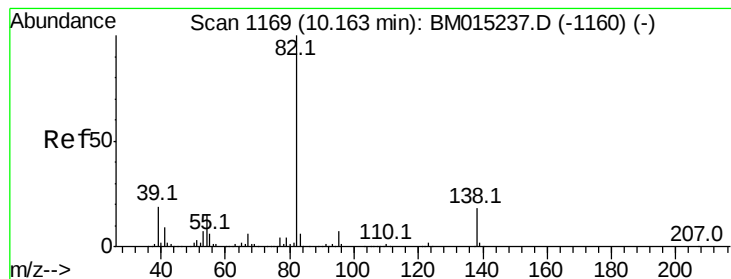
Tot Ion: 82 Resp: 1366603  
 Ion Ratio Lower Upper  
 82 100  
 128 42.6 32.8 49.2  
 54 53.6 40.6 60.8



#24  
 Nitrobenzene  
 Concen: 5.299 ng  
 RT: 9.63 min Scan# 1079  
 Delta R.T. -0.00 min  
 Lab File: BM015258.D  
 Acq: 23 May 2018 02:07

Tgt Ion: 77 Resp: 88932  
 Ion Ratio Lower Upper  
 77 100  
 123 43.7 32.6 49.0  
 65 12.9 10.9 16.3





#25

Isophorone

Concen: 4.391 ng

RT: 10.16 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BM015258.D

Acq: 23 May 2018 02:07

Instrument :

BNA\_M

ClientSampled :

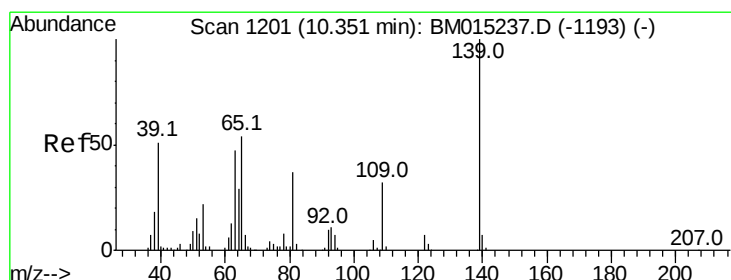
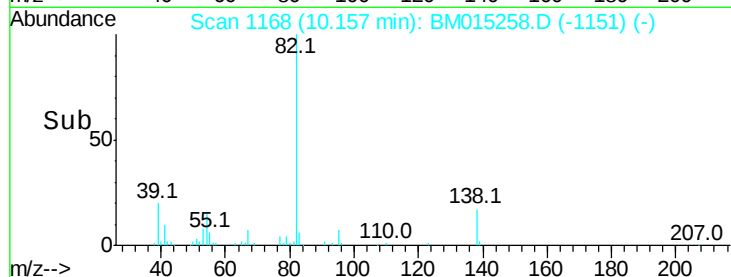
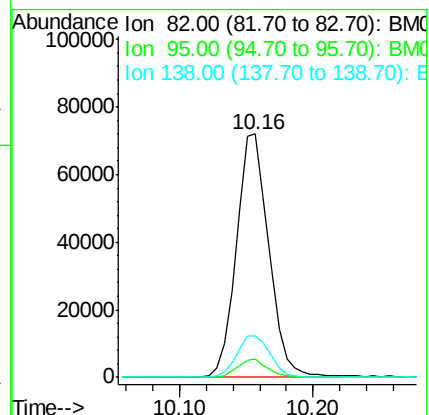
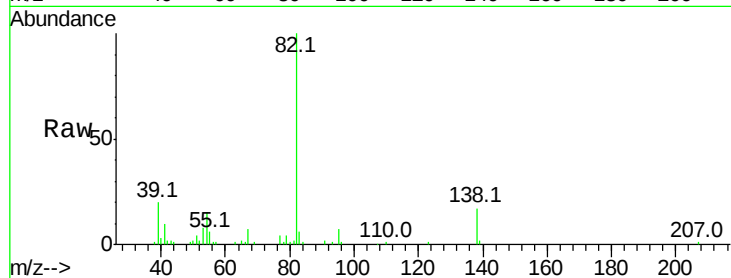
Tot Ion: 82 Resp: 121561

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.6

138 16.9 16.3 24.5



#26

2-Nitrophenol

Concen: 3.738 ng

RT: 10.35 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BM015258.D

Acq: 23 May 2018 02:07

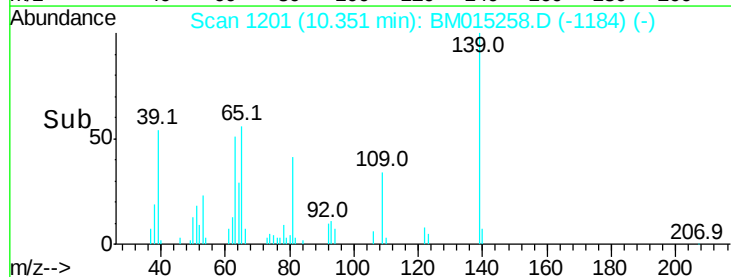
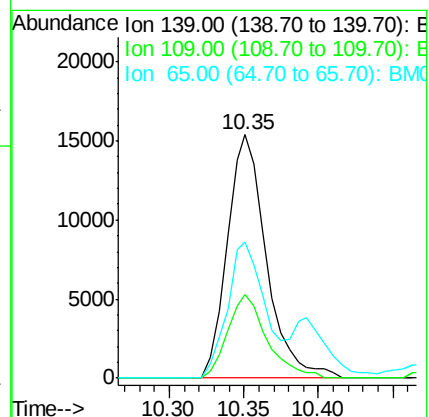
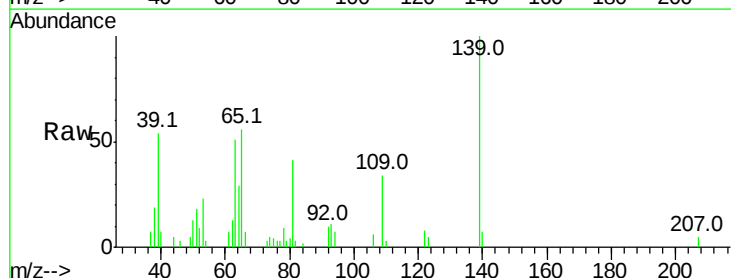
Tgt Ion: 139 Resp: 28146

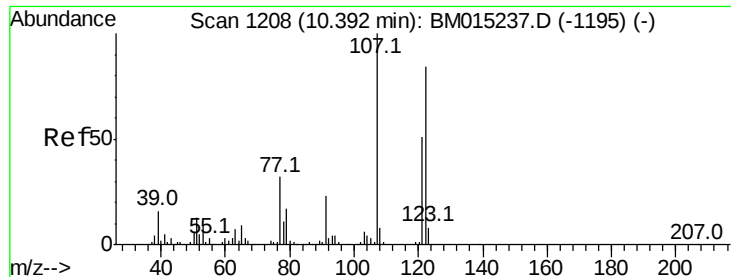
Ion Ratio Lower Upper

139 100

109 34.3 20.1 30.1#

65 56.0 31.5 47.3#

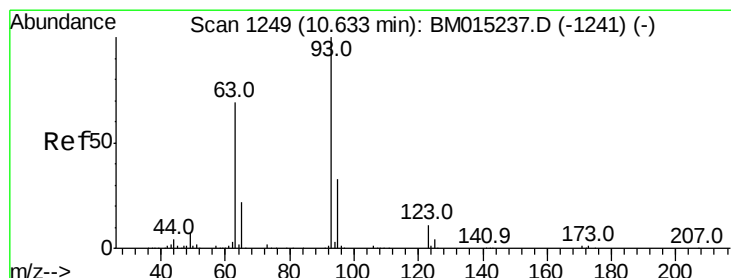
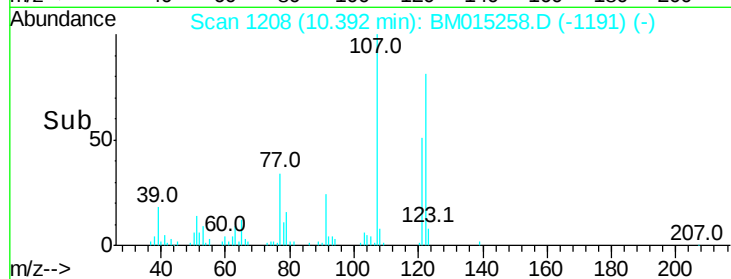
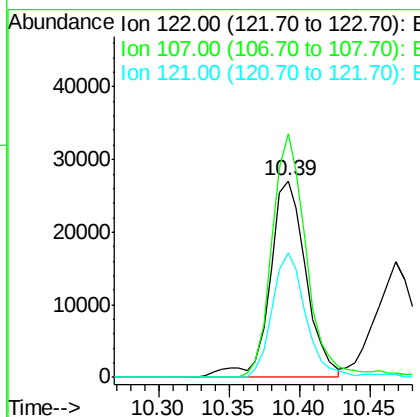
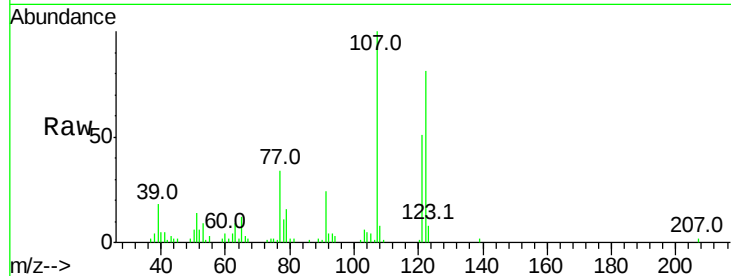




#27  
 2,4-Dimethylphenol  
 Concen: 3.531 ng  
 RT: 10.39 min Scan# 1208  
 Delta R.T. -0.00 min  
 Lab File: BM015258.D  
 Acq: 23 May 2018 02:07

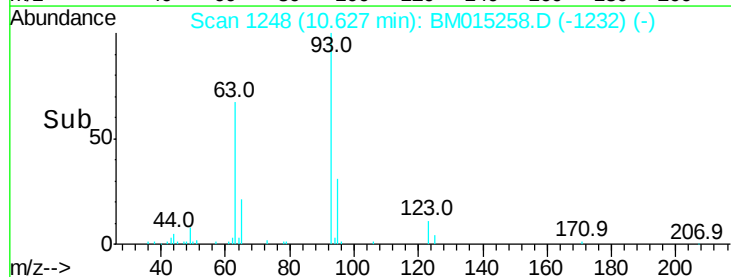
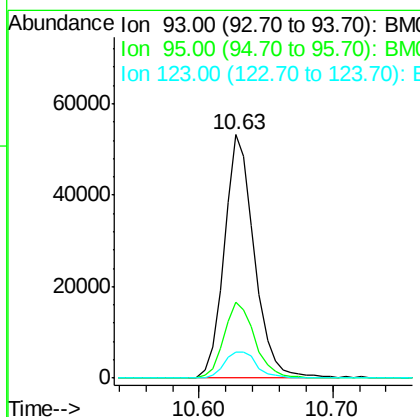
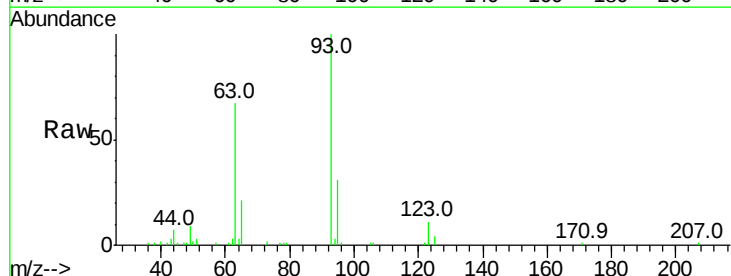
Instrument :  
 BNA\_M  
 ClientSampled :

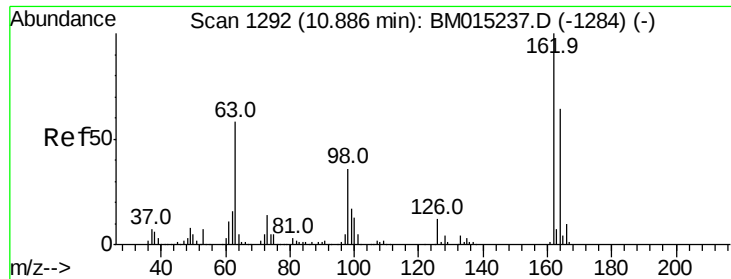
Tot Ion:122 Resp: 48225  
 Ion Ratio Lower Upper  
 122 100  
 107 123.7 84.7 127.1  
 121 63.5 46.6 69.8



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 4.621 ng  
 RT: 10.63 min Scan# 1248  
 Delta R.T. -0.01 min  
 Lab File: BM015258.D  
 Acq: 23 May 2018 02:07

Tgt Ion: 93 Resp: 83766  
 Ion Ratio Lower Upper  
 93 100  
 95 30.9 25.5 38.3  
 123 10.8 8.6 13.0

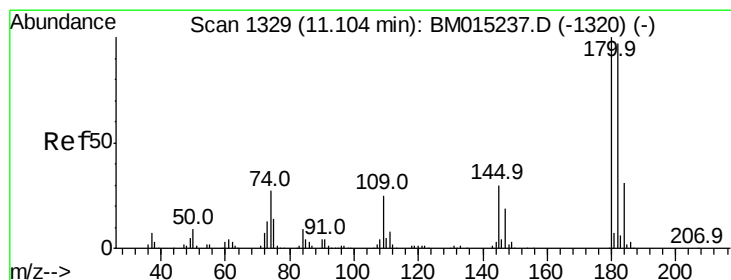
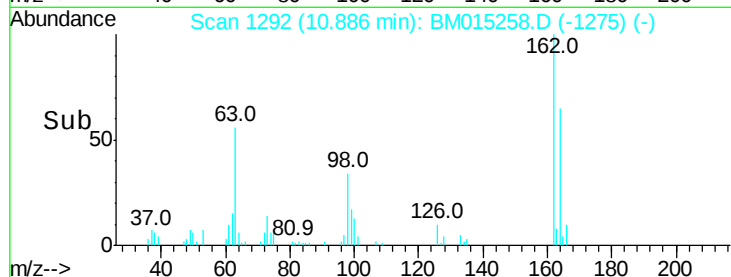
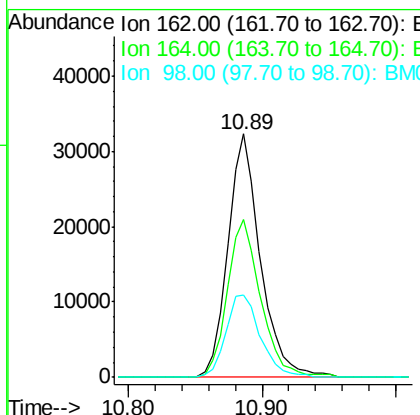
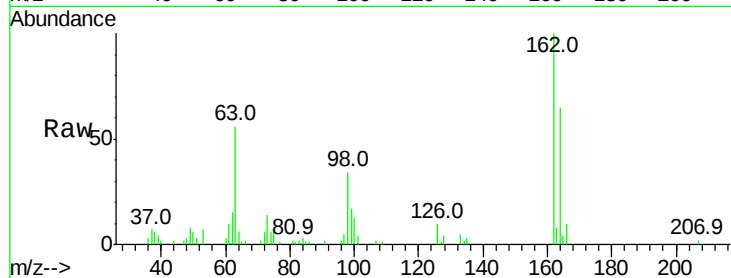




#29  
 2,4-Dichlorophenol  
 Concen: 4.249 ng  
 RT: 10.89 min Scan# 1292  
 Delta R.T. -0.00 min  
 Lab File: BM015258.D  
 Acq: 23 May 2018 02:07

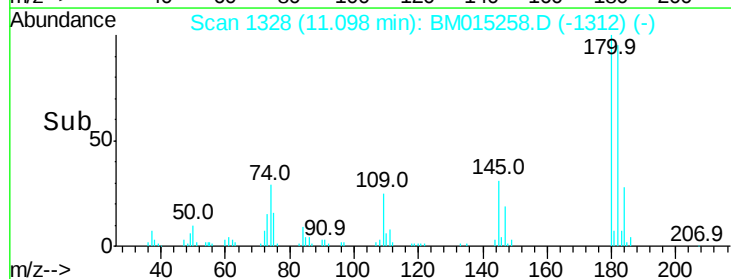
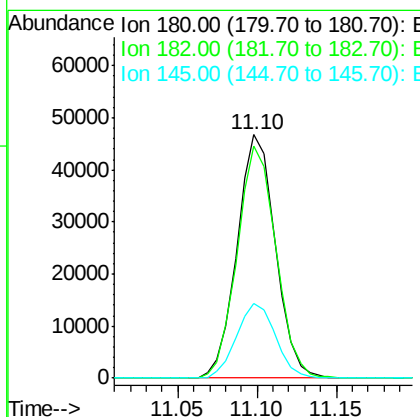
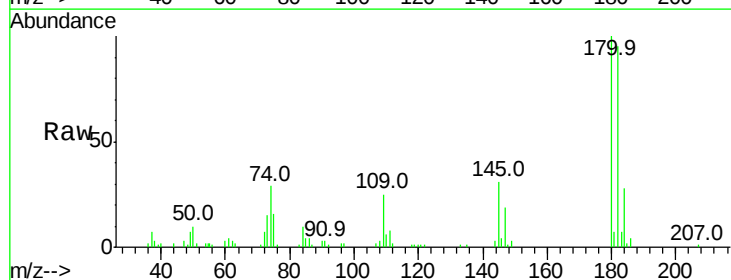
Instrument :  
 BNA\_M  
 ClientSampleId :

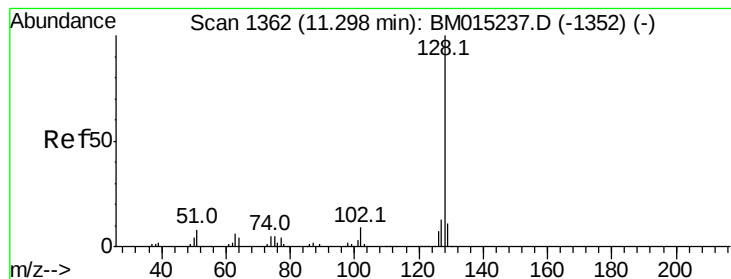
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.9  | 42.8  | 82.8  |
| 98      | 34.0  | 14.5  | 54.5  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 5.130 ng  
 RT: 11.10 min Scan# 1328  
 Delta R.T. -0.01 min  
 Lab File: BM015258.D  
 Acq: 23 May 2018 02:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.2  | 77.6  | 116.4 |
| 145     | 30.9  | 23.4  | 35.2  |

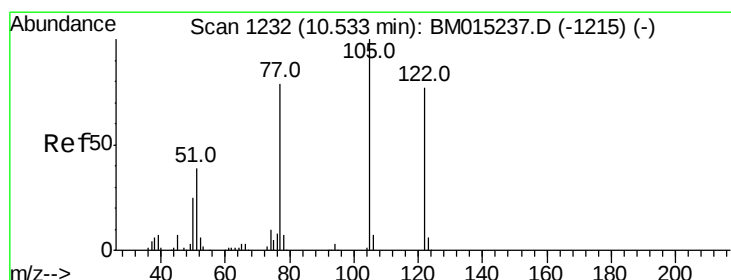
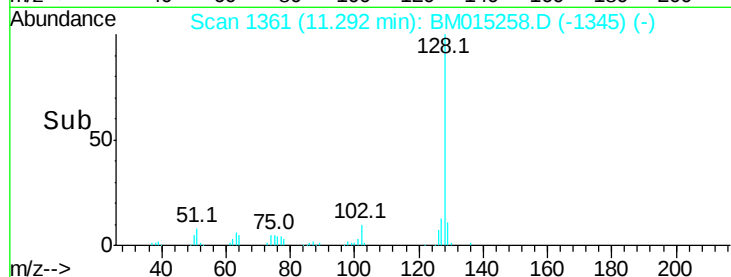
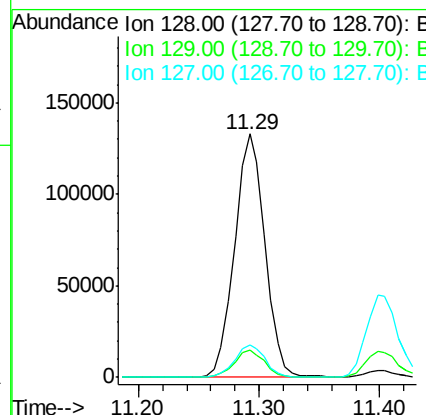
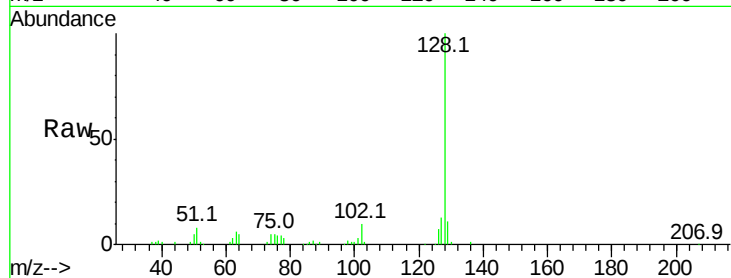




#31  
Naphthalene  
Concen: 5.055 ng  
RT: 11.29 min Scan# 1361  
Delta R.T. -0.01 min  
Lab File: BM015258.D  
Acq: 23 May 2018 02:07

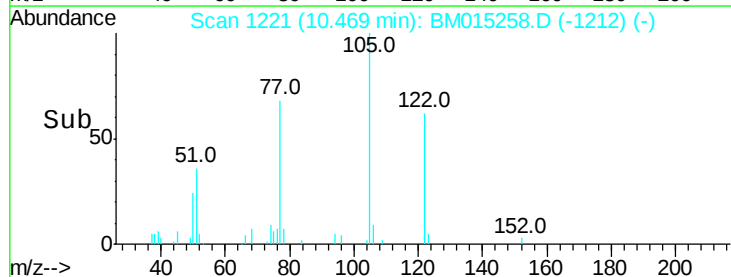
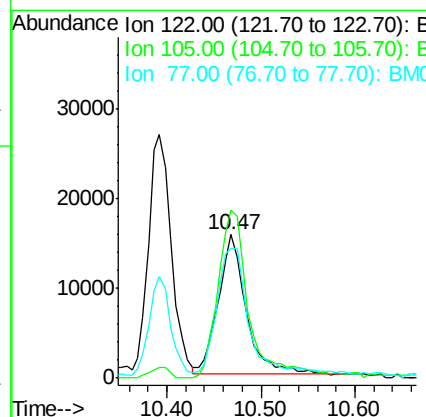
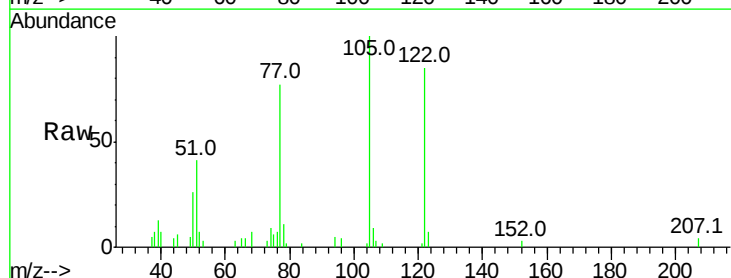
Instrument :  
BNA\_M  
ClientSampleId :

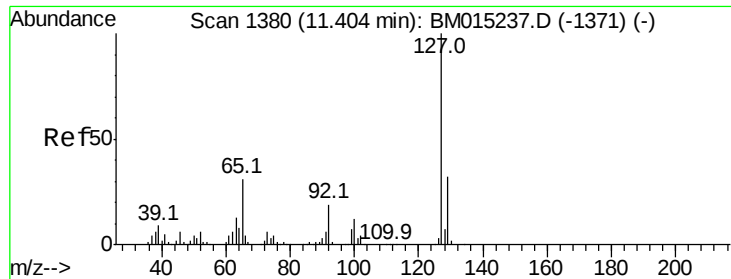
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.3  | 8.9   | 13.3  |
| 127     | 13.3  | 10.4  | 15.6  |



#32  
Benzoic acid  
Concen: 4.129 ng  
RT: 10.47 min Scan# 1221  
Delta R.T. -0.05 min  
Lab File: BM015258.D  
Acq: 23 May 2018 02:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 117.1 | 99.9  | 139.9 |
| 77      | 90.6  | 73.7  | 113.7 |

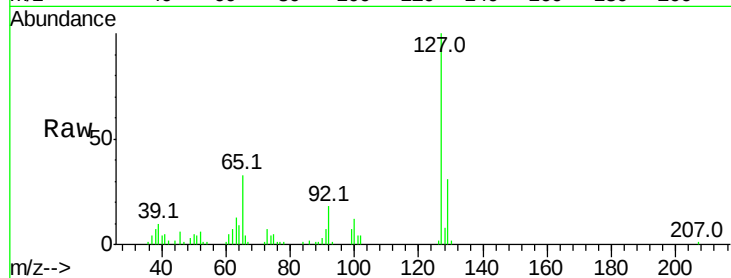




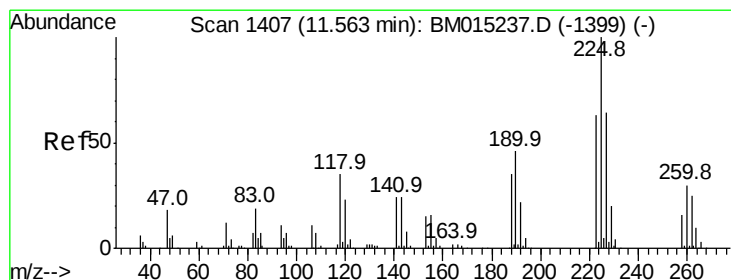
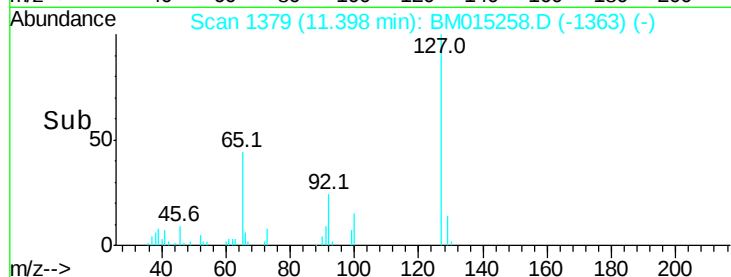
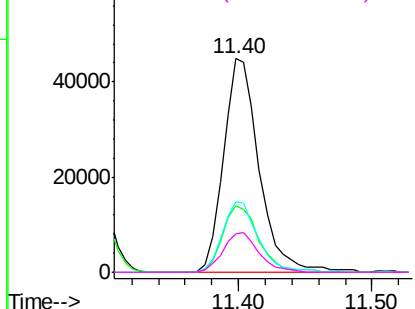
#33  
4-Chloroaniline  
Concen: 4.563 ng  
RT: 11.40 min Scan# 1379  
Delta R.T. -0.01 min  
Lab File: BM015258.D  
Acq: 23 May 2018 02:07

Instrument :  
BNA\_M  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 83560 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 31.4  | 25.3  | 37.9  |
| 65       | 33.2  | 17.6  | 26.4  |
| 92       | 18.1  | 13.1  | 19.7  |

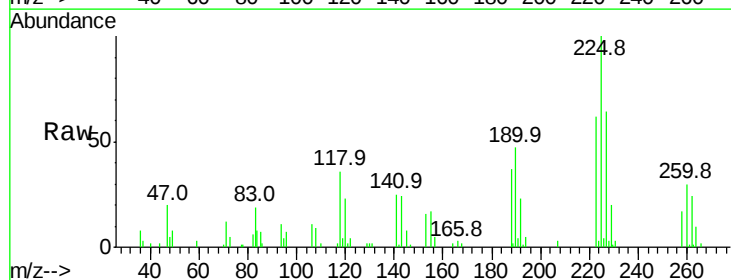


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BM0  
Ion 92.00 (91.70 to 92.70): BM0

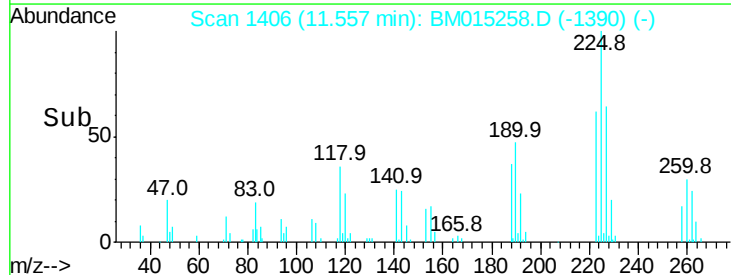
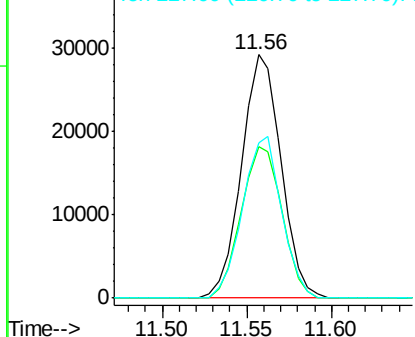


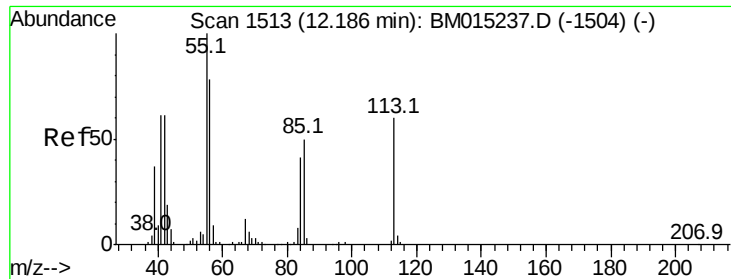
#34  
Hexachlorobutadiene  
Concen: 5.258 ng  
RT: 11.56 min Scan# 1406  
Delta R.T. -0.01 min  
Lab File: BM015258.D  
Acq: 23 May 2018 02:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 47633 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 62.1  | 47.9  | 71.9  |
| 227      | 63.8  | 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: 3.693 ng

RT: 12.16 min Scan# 1508

Delta R.T. -0.02 min

Lab File: BM015258.D

Acq: 23 May 2018 02:07

Instrument :

BNA\_M

ClientSampleId :

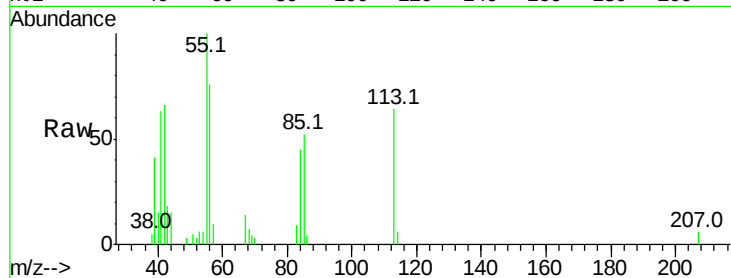
Tot Ion:113 Resp: 13515

Ion Ratio Lower Upper

113 100

55 155.6 145.9 185.9

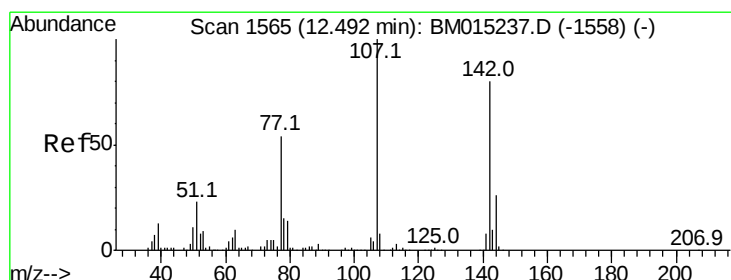
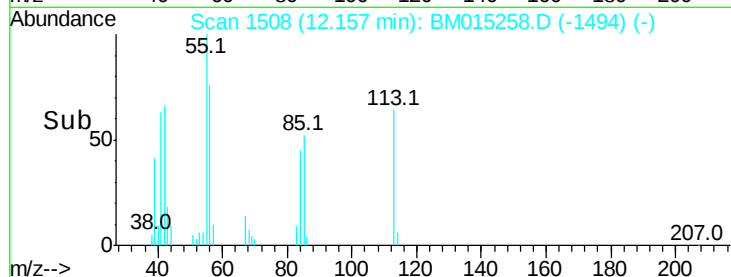
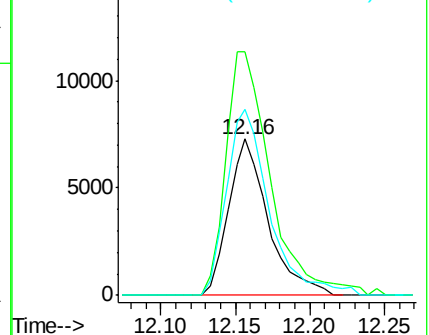
56 118.5 101.0 141.0



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: 4.344 ng

RT: 12.49 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BM015258.D

Acq: 23 May 2018 02:07

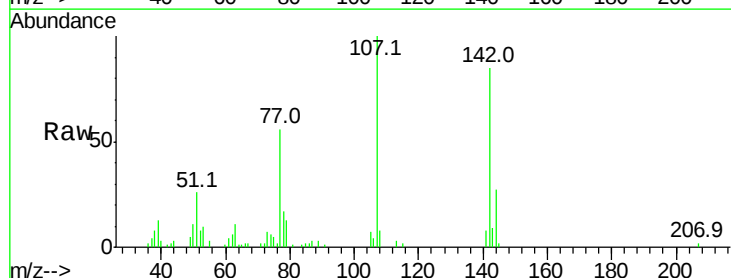
Tgt Ion:107 Resp: 57390

Ion Ratio Lower Upper

107 100

144 26.9 23.3 34.9

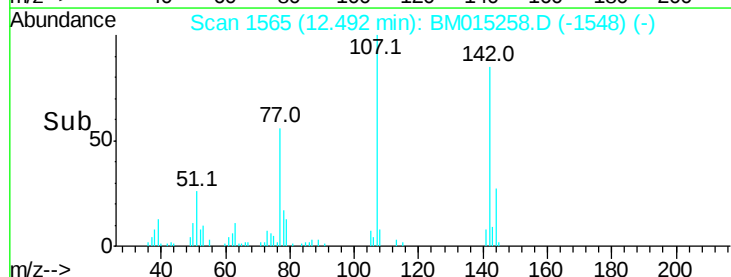
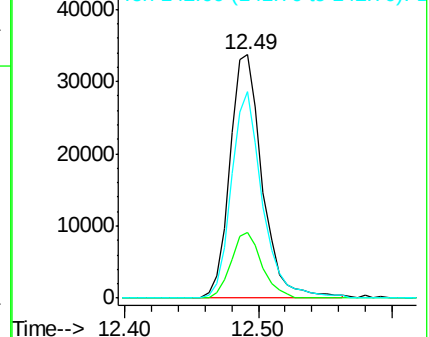
142 85.0 72.6 109.0

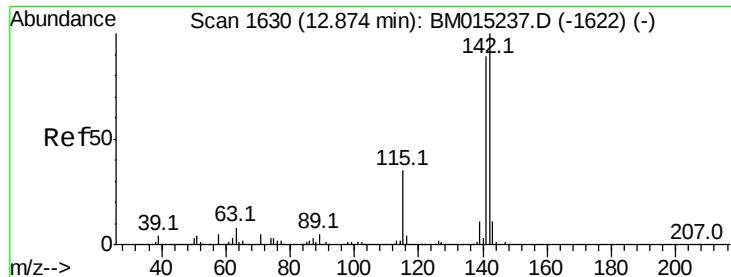


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

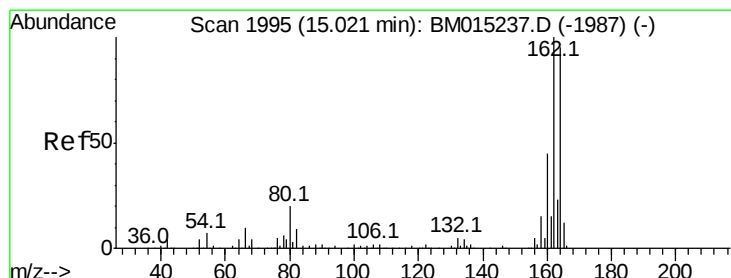
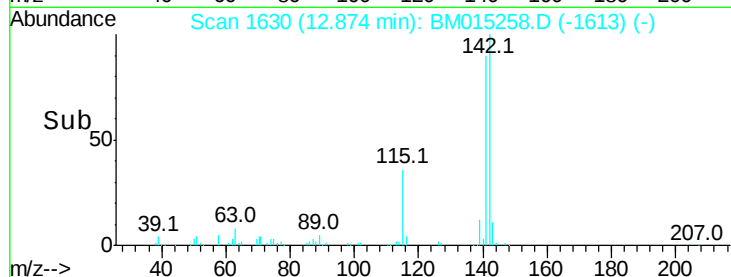
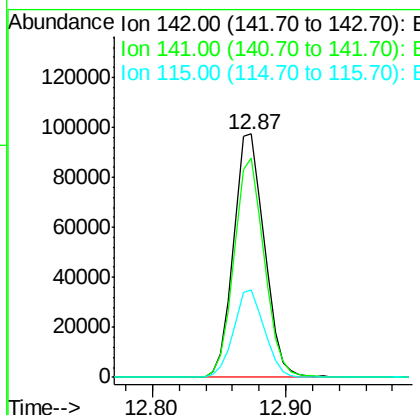
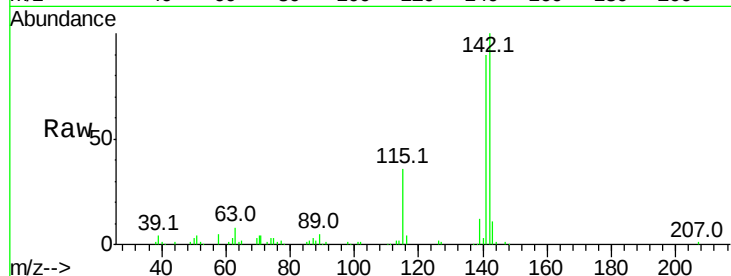




#37  
 2-Methylnaphthalene  
 Concen: 4.936 ng  
 RT: 12.87 min Scan# 1630  
 Delta R.T. -0.00 min  
 Lab File: BM015258.D  
 Acq: 23 May 2018 02:07

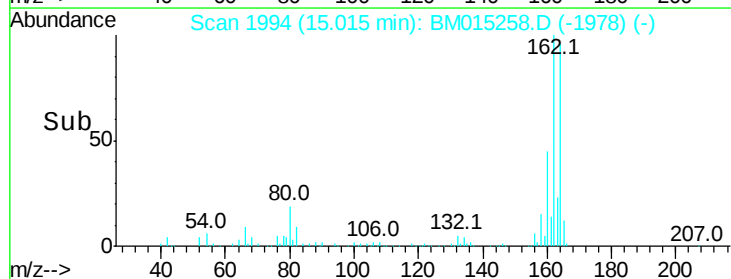
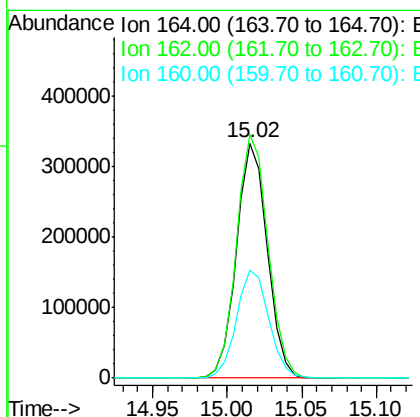
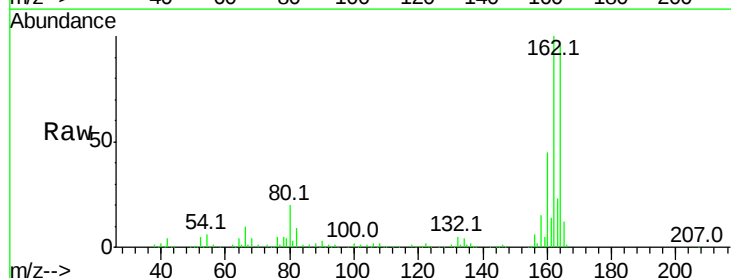
Instrument :  
 BNA\_M  
 ClientSampleId :

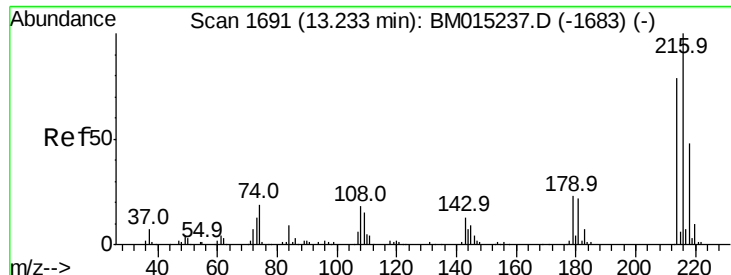
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.0  | 71.9  | 107.9 |
| 115     | 35.8  | 25.4  | 38.0  |



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 15.02 min Scan# 1994  
 Delta R.T. -0.01 min  
 Lab File: BM015258.D  
 Acq: 23 May 2018 02:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.7 | 82.4  | 123.6 |
| 160     | 46.3  | 35.8  | 53.6  |

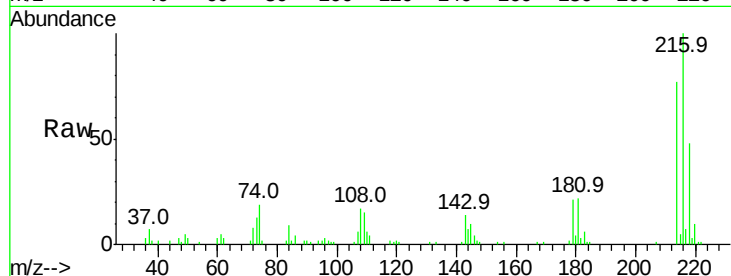




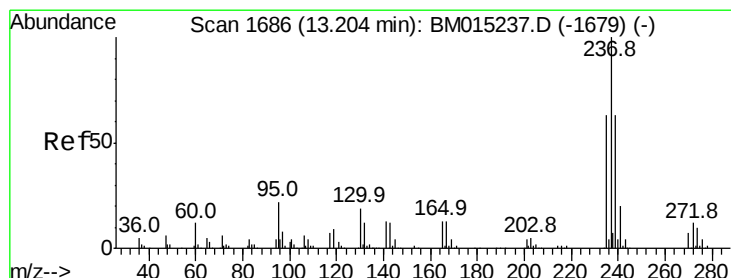
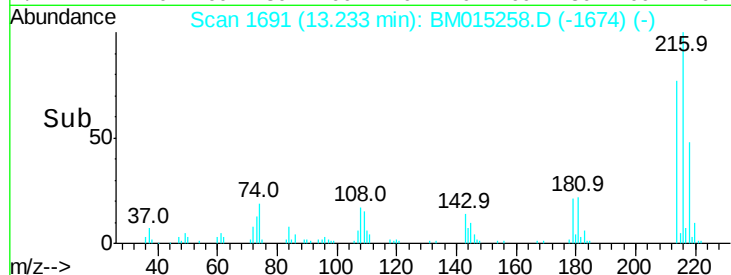
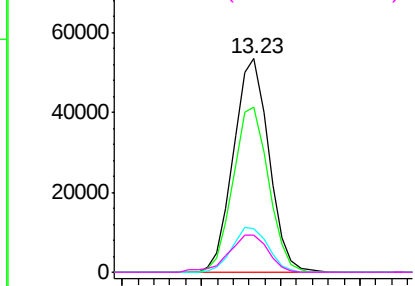
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 4.946 ng  
 RT: 13.23 min Scan# 1691  
 Delta R.T. -0.00 min  
 Lab File: BM015258.D  
 Acq: 23 May 2018 02:07

Instrument :  
 BNA\_M  
 ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 216   | Resp: | 83105 |
| Ion      | Ratio | Lower | Upper |
| 216      | 100   |       |       |
| 214      | 77.3  | 0.0   | 0.0#  |
| 179      | 21.6  | 0.0   | 0.0#  |
| 108      | 19.3  | 0.0   | 0.0#  |

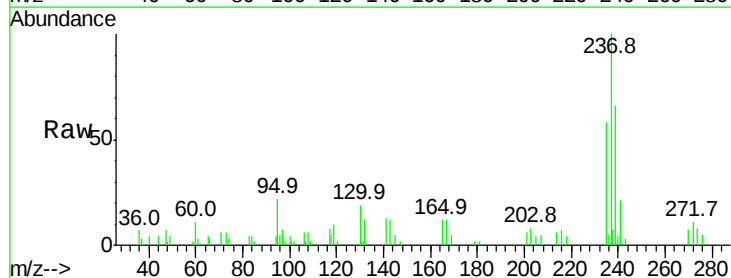


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

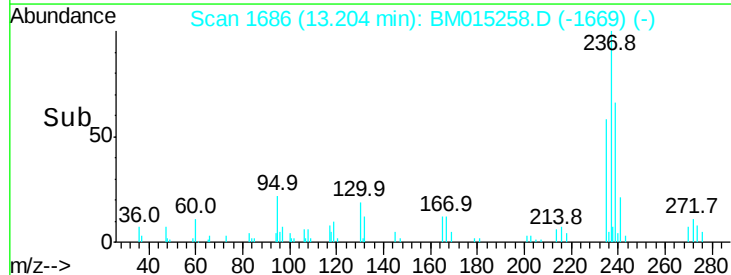
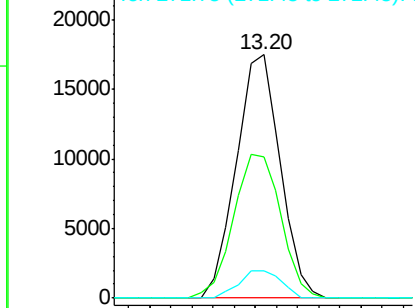


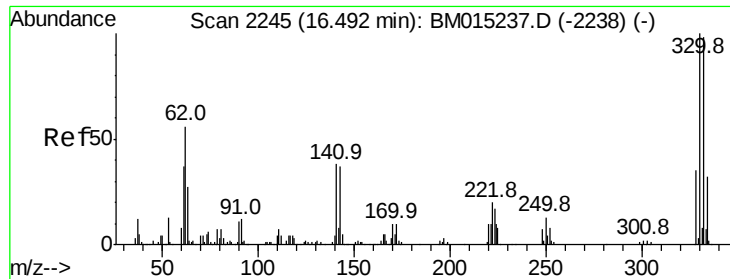
#40  
 Hexachlorocyclopentadiene  
 Concen: 7.418 ng  
 RT: 13.20 min Scan# 1686  
 Delta R.T. 0.00 min  
 Lab File: BM015258.D  
 Acq: 23 May 2018 02:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 25242 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 57.9  | 42.0  | 82.0  |
| 272      | 11.0  | 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

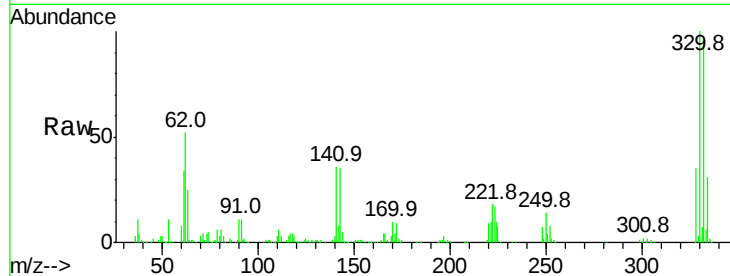




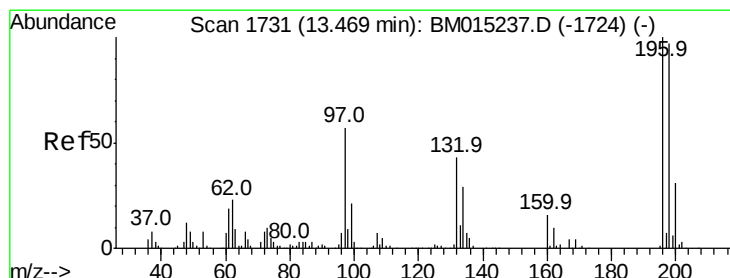
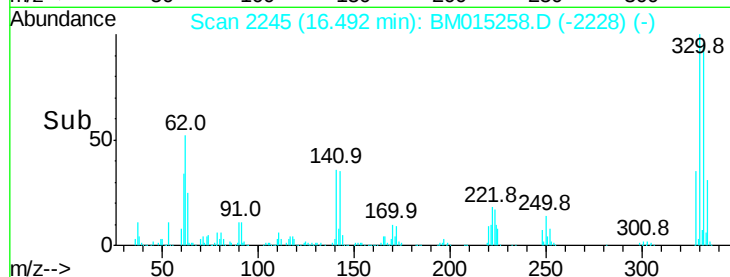
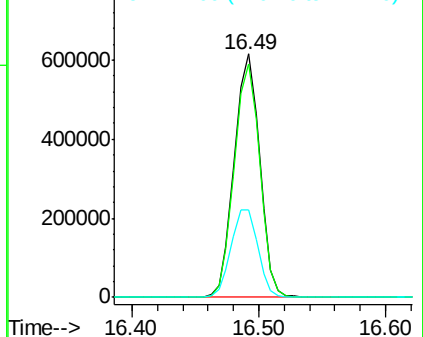
#41  
 2,4,6-Tribromophenol  
 Concen: 143.089 ng  
 RT: 16.49 min Scan# 2245  
 Delta R.T. 0.00 min  
 Lab File: BM015258.D  
 Acq: 23 May 2018 02:07

Instrument :  
 BNA\_M  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.3  | 0.0   | 0.0#  |
| 141     | 38.0  | 0.0   | 0.0#  |

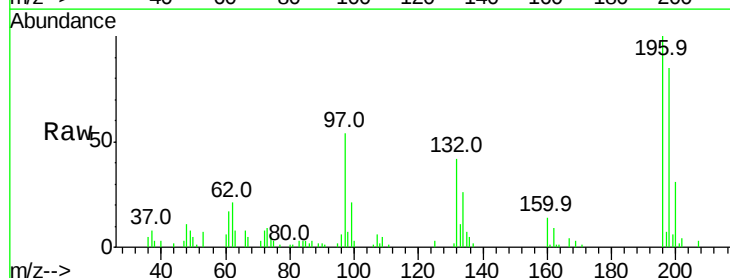


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

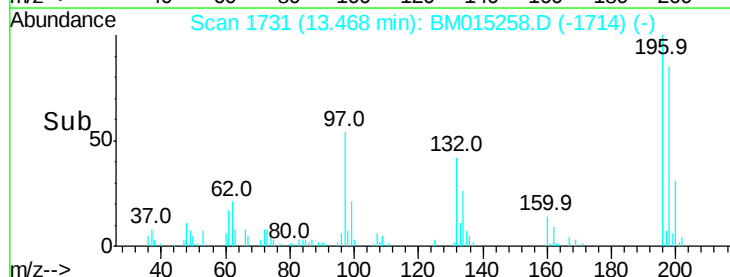
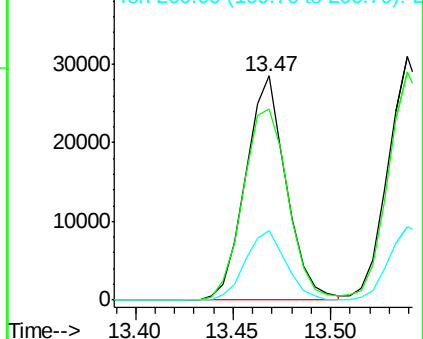


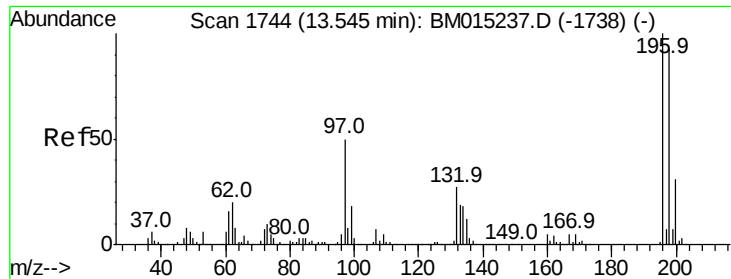
#42  
 2,4,6-Trichlorophenol  
 Concen: 4.066 ng  
 RT: 13.47 min Scan# 1731  
 Delta R.T. -0.00 min  
 Lab File: BM015258.D  
 Acq: 23 May 2018 02:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 85.2  | 76.3  | 114.5 |
| 200     | 31.1  | 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

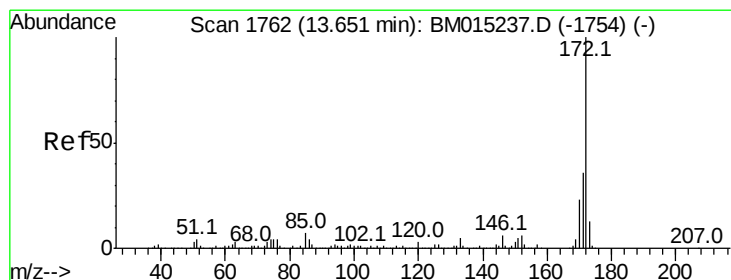
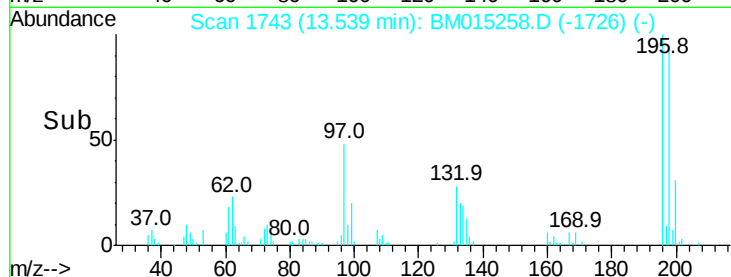
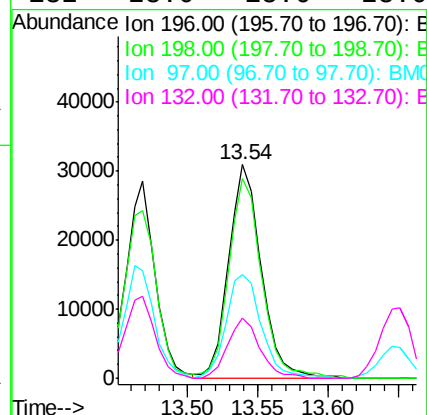
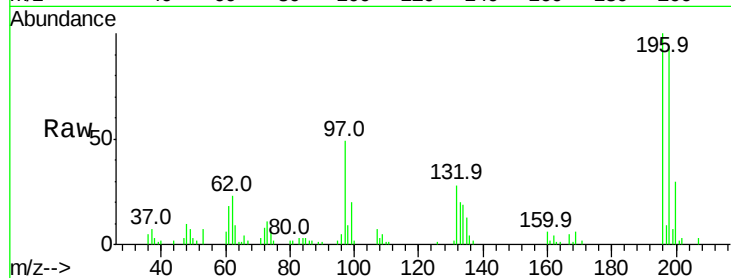




#43  
 2,4,5-Trichlorophenol  
 Concen: 4.589 ng  
 RT: 13.54 min Scan# 1743  
 Delta R.T. -0.00 min  
 Lab File: BM015258.D  
 Acq: 23 May 2018 02:07

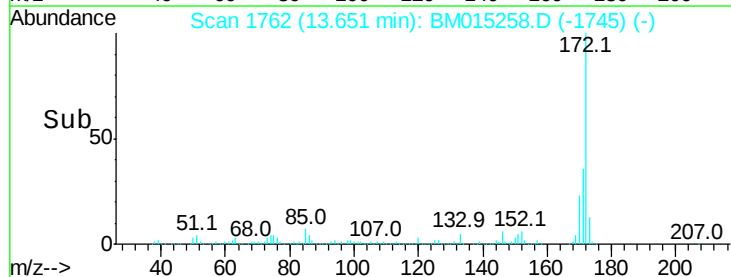
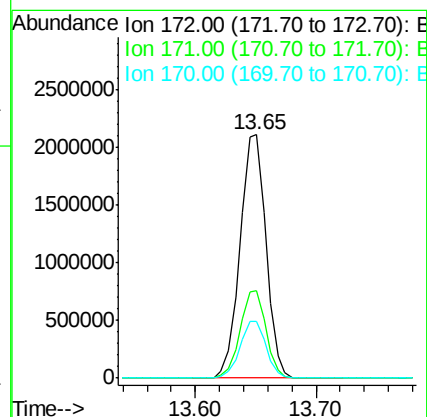
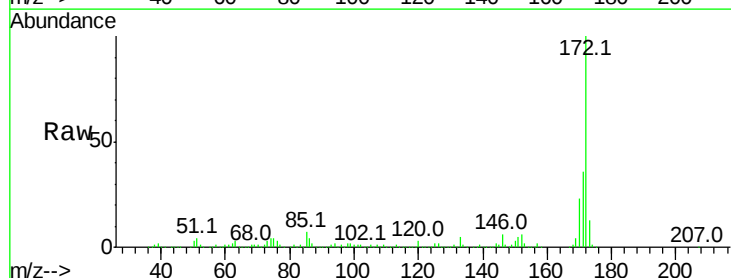
Instrument :  
 BNA\_M  
 ClientSampleId :

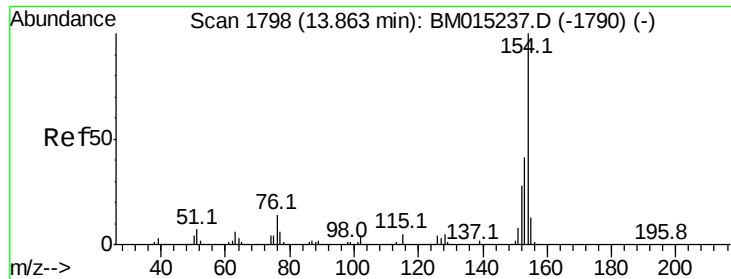
Tot Ion:196 Resp: 50037  
 Ion Ratio Lower Upper  
 196 100  
 198 93.8 79.4 119.0  
 97 48.8 26.8 40.2#  
 132 28.0 18.6 28.0#



#44  
 2-Fluorobiphenyl  
 Concen: 82.393 ng  
 RT: 13.65 min Scan# 1762  
 Delta R.T. -0.00 min  
 Lab File: BM015258.D  
 Acq: 23 May 2018 02:07

Tgt Ion:172 Resp: 3161955  
 Ion Ratio Lower Upper  
 172 100  
 171 35.8 28.5 42.7  
 170 23.4 18.8 28.2





#45

1,1'-Biphenyl

Concen: 5.228 ng

RT: 13.86 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BM015258.D

Acq: 23 May 2018 02:07

Instrument :

BNA\_M

ClientSampleId :

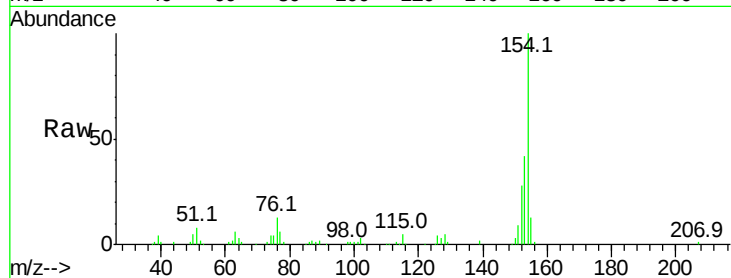
Tot Ion:154 Resp: 218233

Ion Ratio Lower Upper

154 100

153 41.8 20.7 60.7

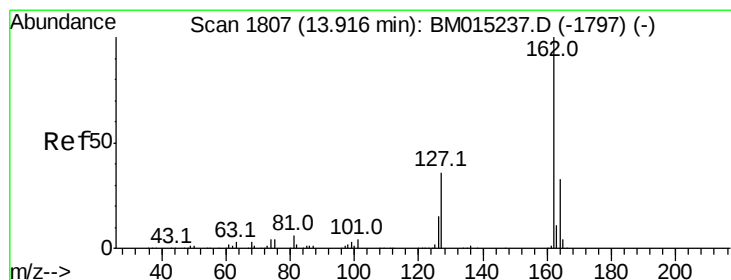
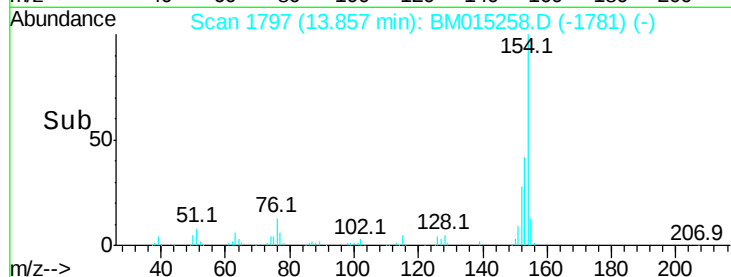
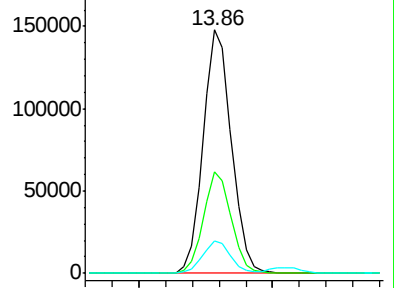
76 13.3 0.0 30.9



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



#46

2-Chloronaphthalene

Concen: 5.097 ng

RT: 13.91 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BM015258.D

Acq: 23 May 2018 02:07

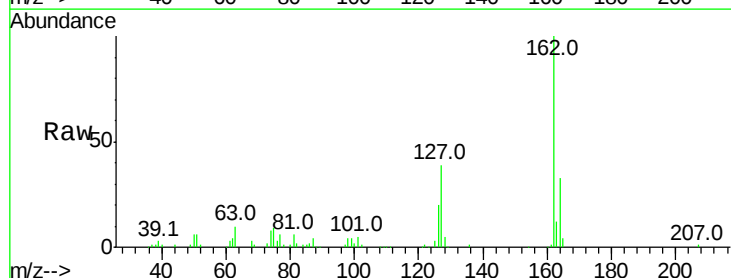
Tgt Ion:162 Resp: 163745

Ion Ratio Lower Upper

162 100

127 38.8 26.9 40.3

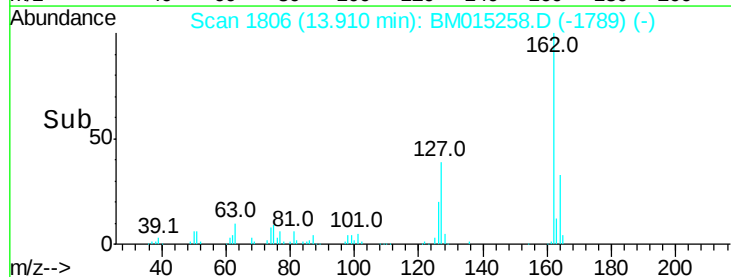
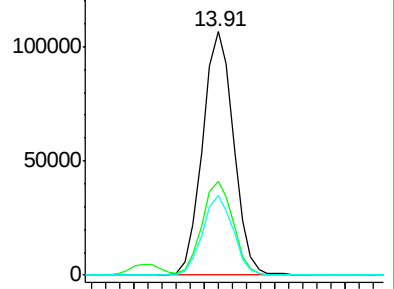
164 32.6 26.8 40.2

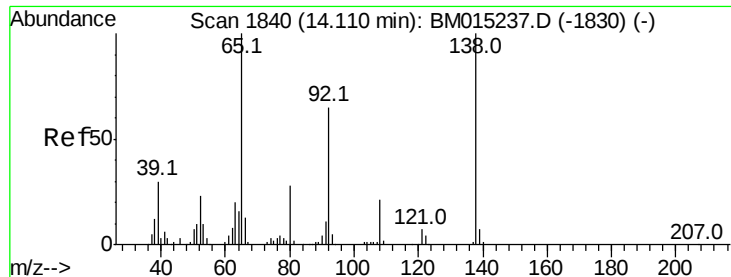


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

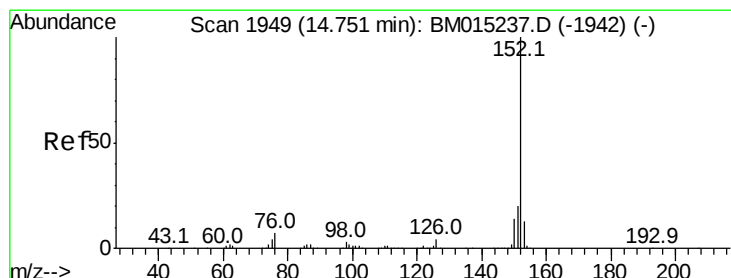
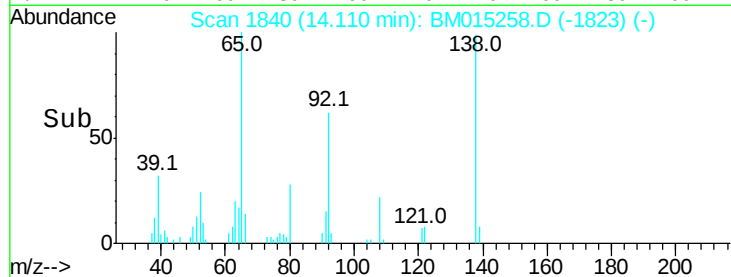
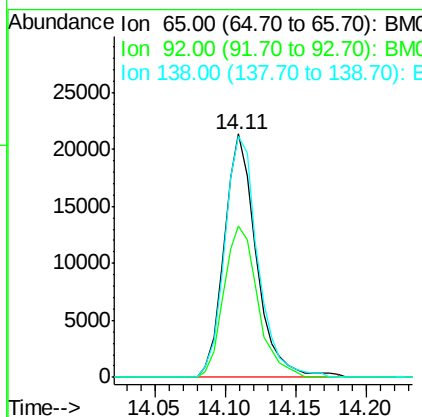
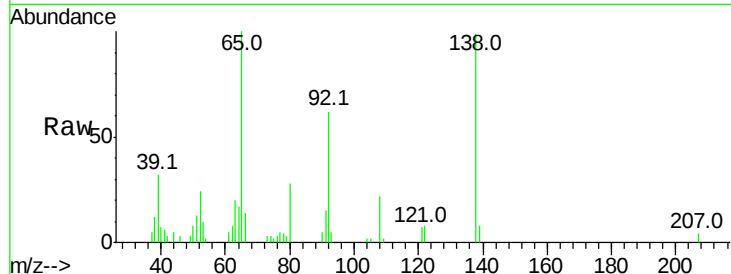




#47  
2-Nitroaniline  
Concen: 3.693 ng  
RT: 14.11 min Scan# 1840  
Delta R.T. -0.00 min  
Lab File: BM015258.D  
Acq: 23 May 2018 02:07

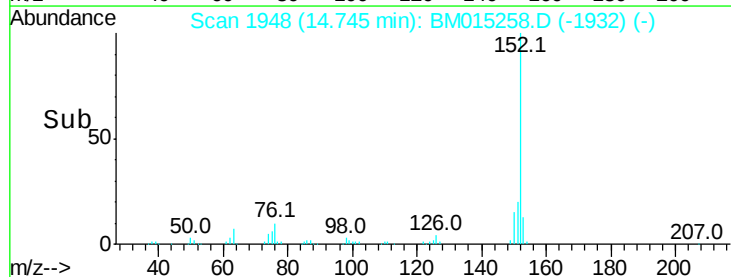
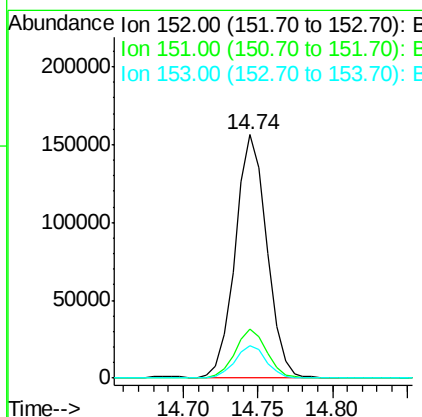
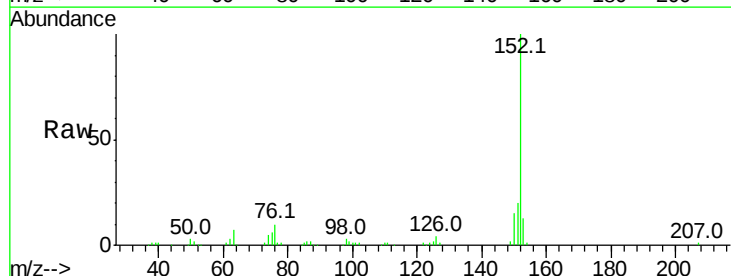
Instrument :  
BNA\_M  
ClientSampleId :

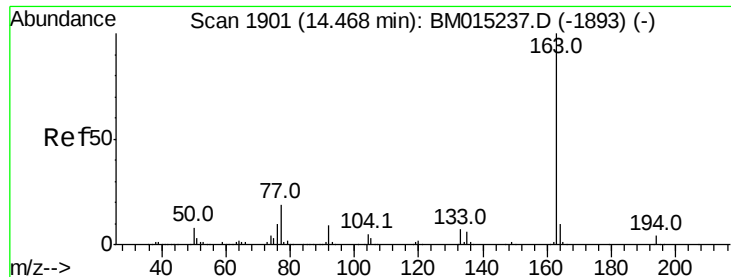
Tot Ion: 65 Resp: 33799  
Ion Ratio Lower Upper  
65 100  
92 62.3 59.1 88.7  
138 99.2 93.9 140.9



#48  
Acenaphthylene  
Concen: 4.788 ng  
RT: 14.74 min Scan# 1948  
Delta R.T. -0.01 min  
Lab File: BM015258.D  
Acq: 23 May 2018 02:07

Tgt Ion: 152 Resp: 228484  
Ion Ratio Lower Upper  
152 100  
151 20.0 15.9 23.9  
153 13.4 10.6 16.0





#49

Dimethylphthalate

Concen: 5.116 ng

RT: 14.46 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BM015258.D

Acq: 23 May 2018 02:07

Instrument :

BNA\_M

ClientSampleId :

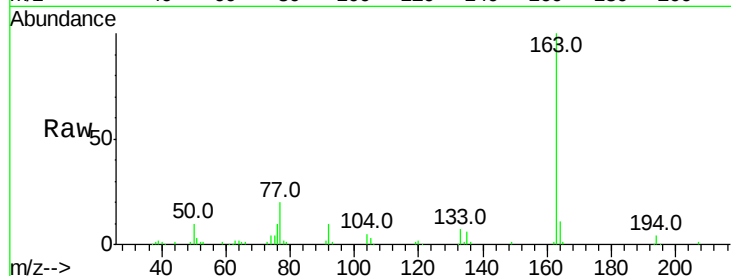
Tot Ion:163 Resp: 194778

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

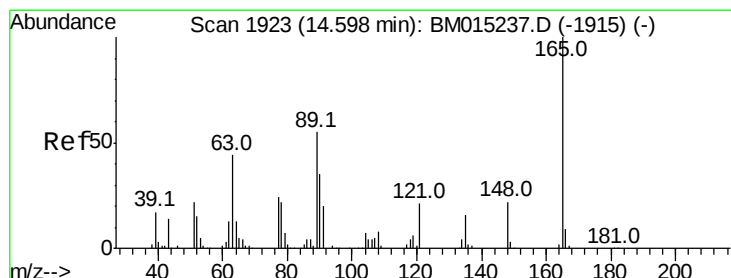
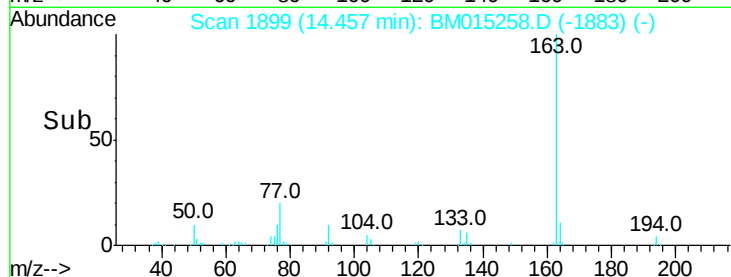
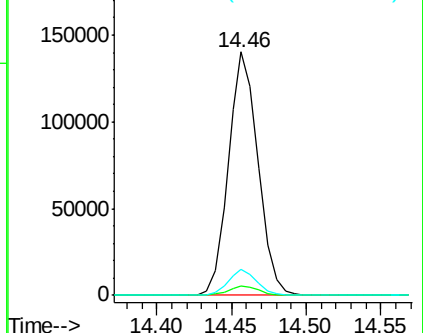
164 10.5 8.2 12.2



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: 4.403 ng

RT: 14.59 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BM015258.D

Acq: 23 May 2018 02:07

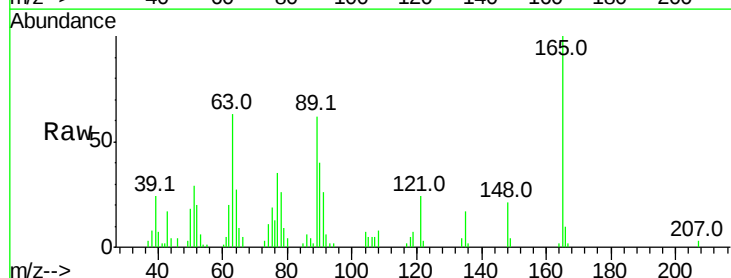
Tgt Ion:165 Resp: 34974

Ion Ratio Lower Upper

165 100

63 63.2 44.1 66.1

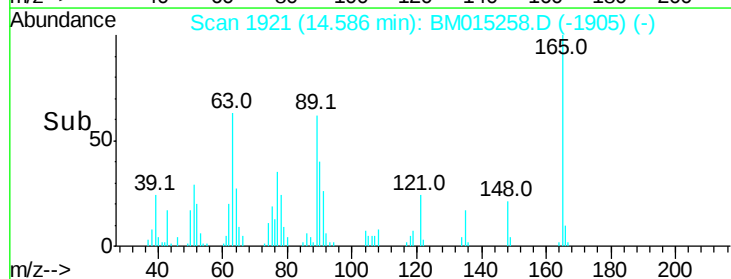
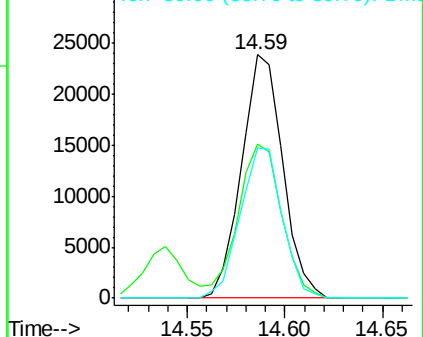
89 61.8 44.3 66.5

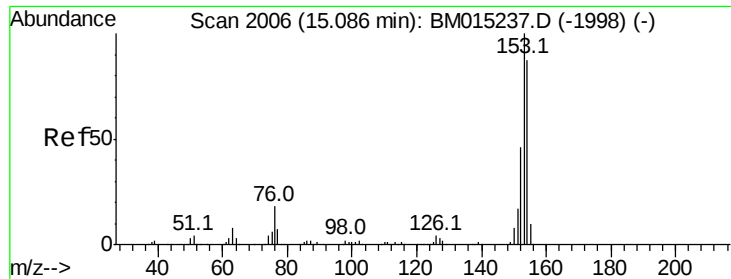


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 5.084 ng

RT: 15.08 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BM015258.D

Acq: 23 May 2018 02:07

Instrument :

BNA\_M

ClientSampleId :

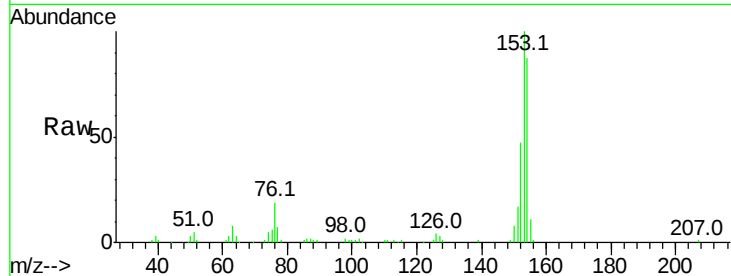
Tot Ion:154 Resp: 151109

Ion Ratio Lower Upper

154 100

153 114.6 90.0 135.0

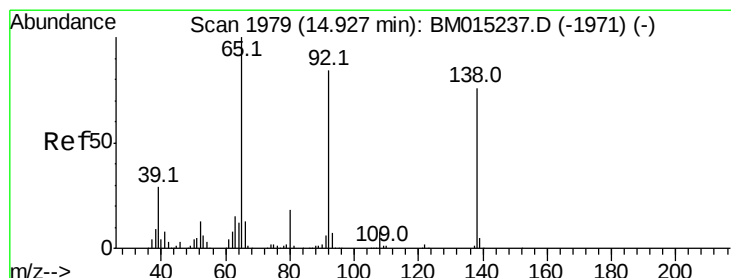
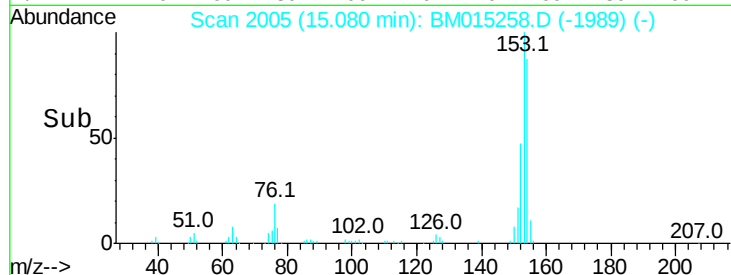
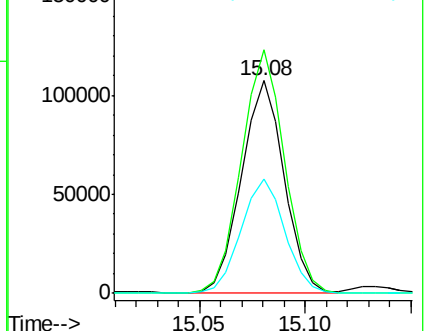
152 53.6 42.6 63.8



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: 3.810 ng

RT: 14.92 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BM015258.D

Acq: 23 May 2018 02:07

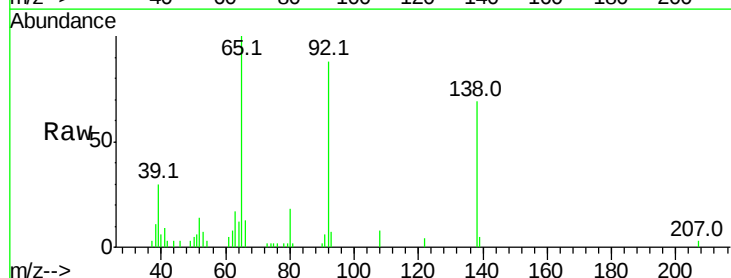
Tgt Ion:138 Resp: 31868

Ion Ratio Lower Upper

138 100

108 10.9 7.3 10.9

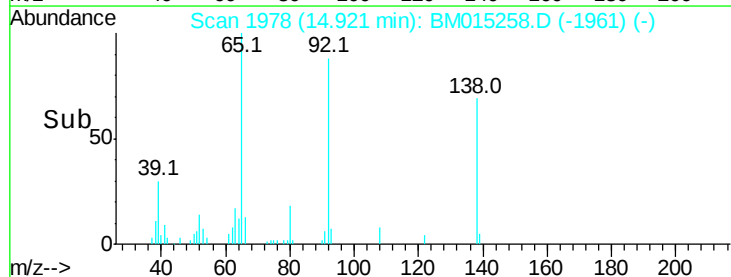
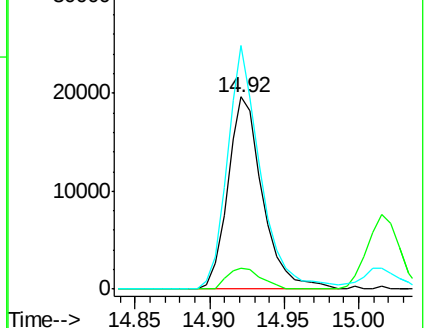
92 126.8 76.6 114.8#

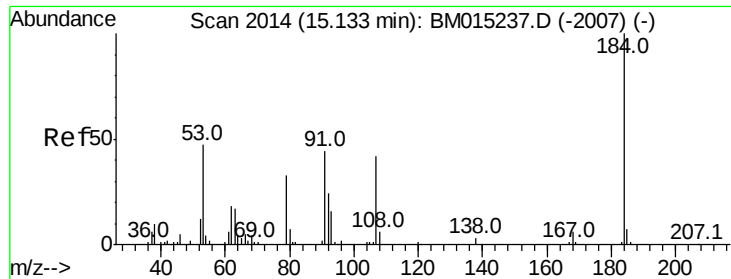


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

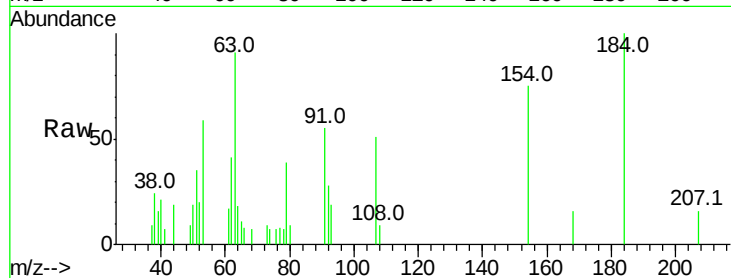




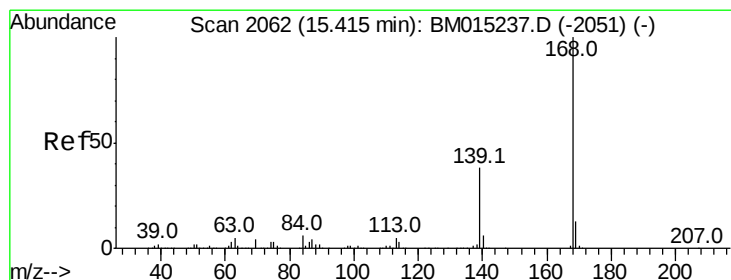
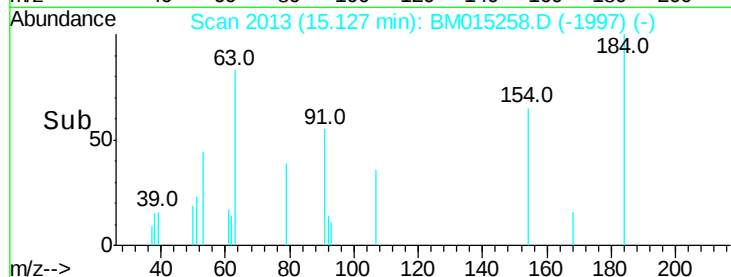
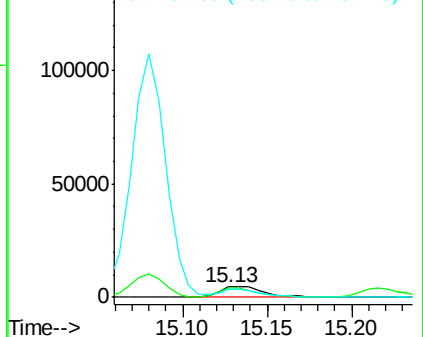
#53  
2,4-Dinitrophenol  
Concen: 8.229 ng  
RT: 15.13 min Scan# 2013  
Delta R.T. -0.01 min  
Lab File: BM015258.D  
Acq: 23 May 2018 02:07

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:184 Resp: 8706  
Ion Ratio Lower Upper  
184 100  
63 90.7 69.2 103.8  
154 74.9 53.3 79.9

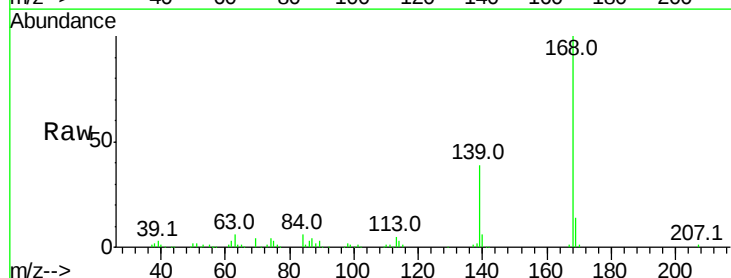


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BM0  
Ion 154.00 (153.70 to 154.70): E

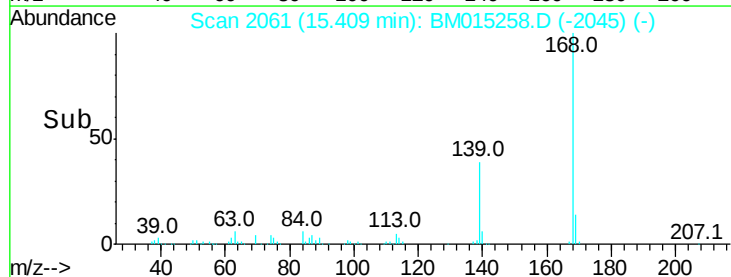
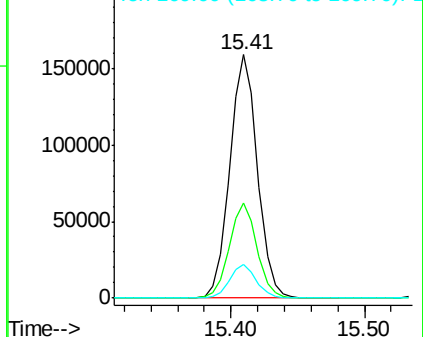


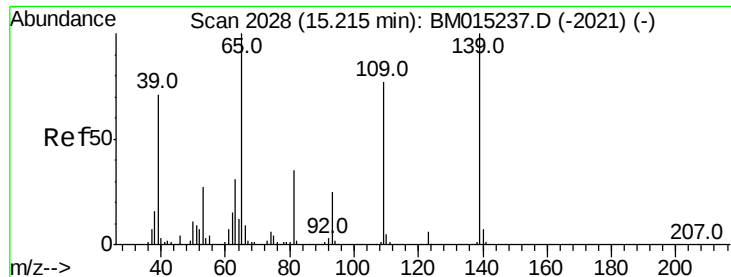
#54  
Dibenzofuran  
Concen: 4.887 ng  
RT: 15.41 min Scan# 2061  
Delta R.T. -0.01 min  
Lab File: BM015258.D  
Acq: 23 May 2018 02:07

Tgt Ion:168 Resp: 229032  
Ion Ratio Lower Upper  
168 100  
139 39.0 27.3 40.9  
169 13.6 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

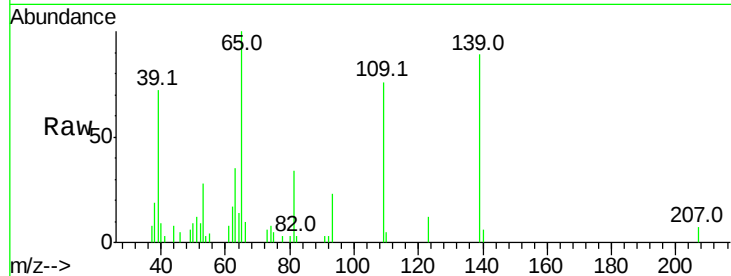




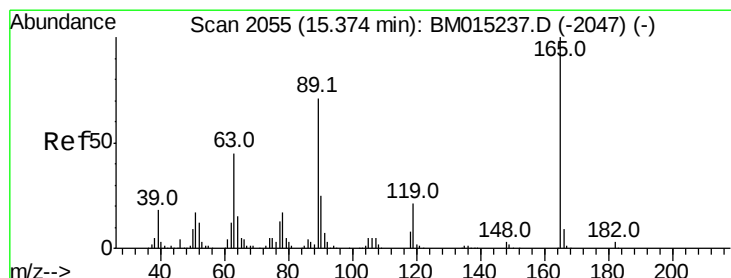
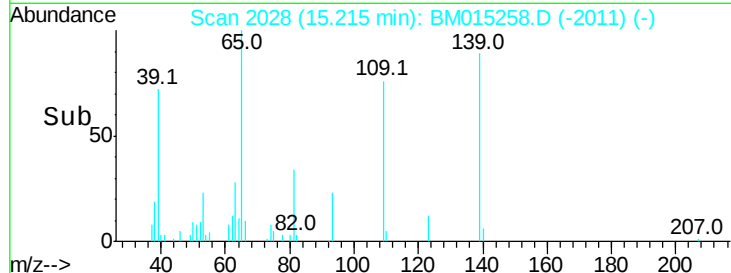
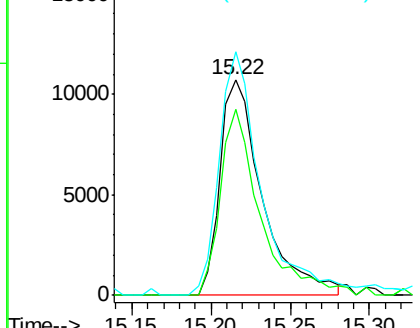
#55  
4-Nitrophenol  
Concen: 2.938 ng  
RT: 15.22 min Scan# 2028  
Delta R.T. -0.00 min  
Lab File: BM015258.D  
Acq: 23 May 2018 02:07

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:139 Resp: 19930  
Ion Ratio Lower Upper  
139 100  
109 86.1 130.0 170.0#  
65 112.8 130.0 170.0#

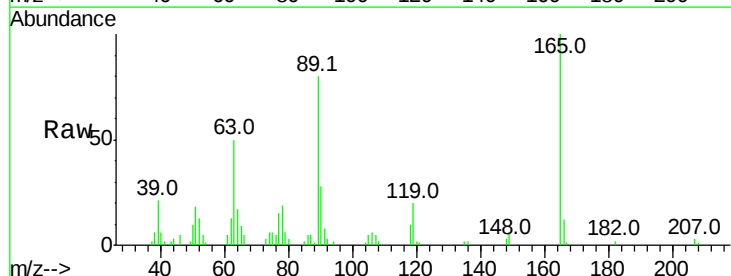


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BM

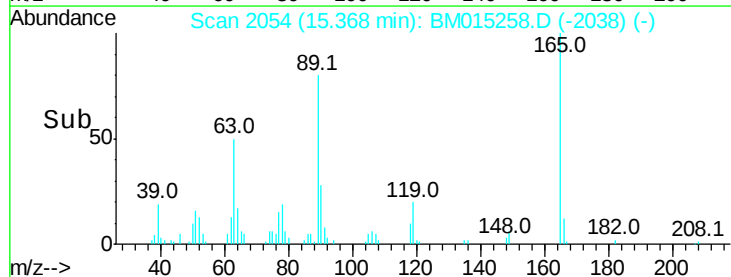
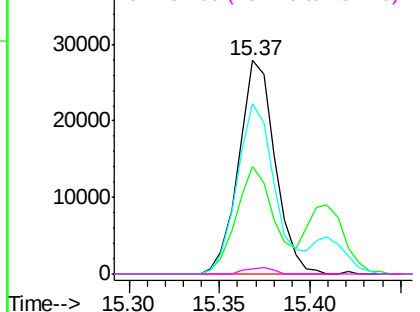


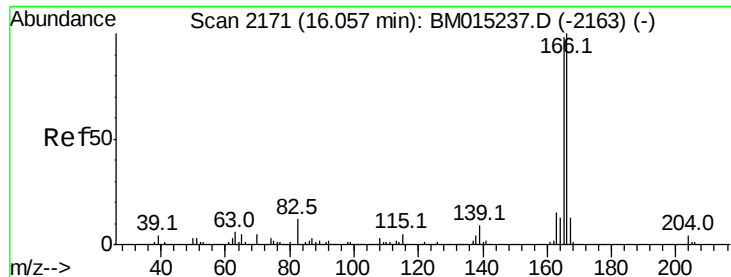
#56  
2,4-Dinitrotoluene  
Concen: 3.584 ng  
RT: 15.37 min Scan# 2054  
Delta R.T. -0.01 min  
Lab File: BM015258.D  
Acq: 23 May 2018 02:07

Tgt Ion:165 Resp: 38982  
Ion Ratio Lower Upper  
165 100  
63 50.5 52.4 78.6#  
89 79.7 72.4 108.6  
182 2.2 2.0 3.0



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

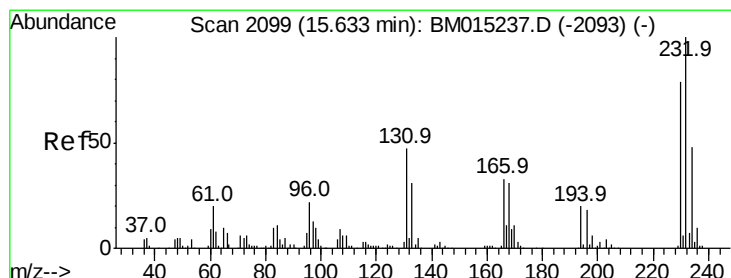
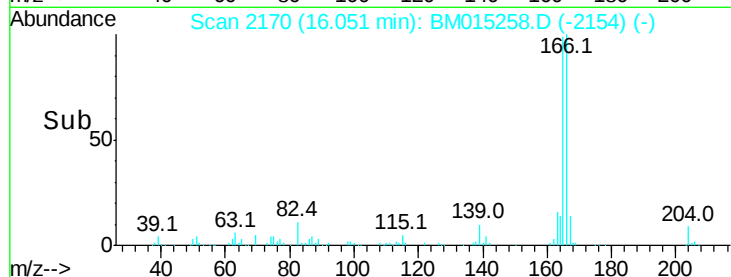
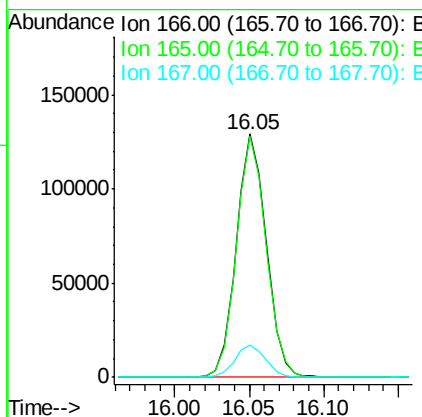
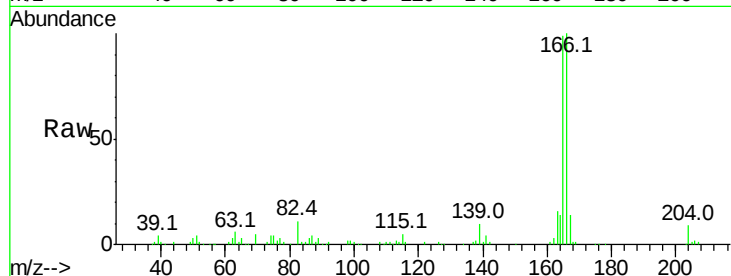




#57  
 Fluorene  
 Concen: 4.869 ng  
 RT: 16.05 min Scan# 2170  
 Delta R.T. -0.01 min  
 Lab File: BM015258.D  
 Acq: 23 May 2018 02:07

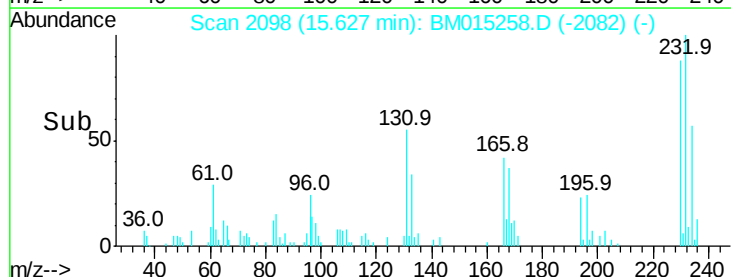
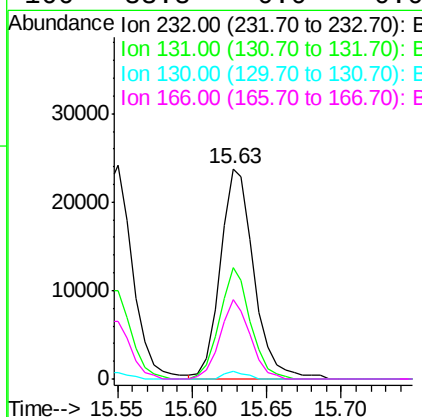
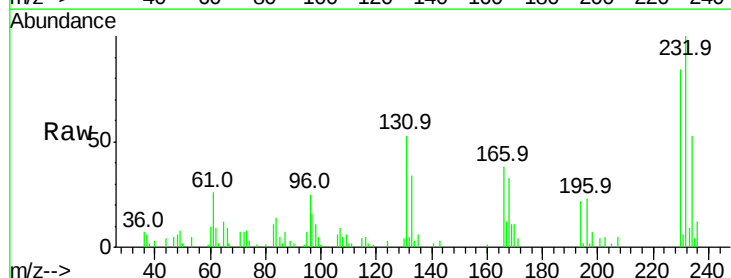
Instrument :  
 BNA\_M  
 ClientSampleId :

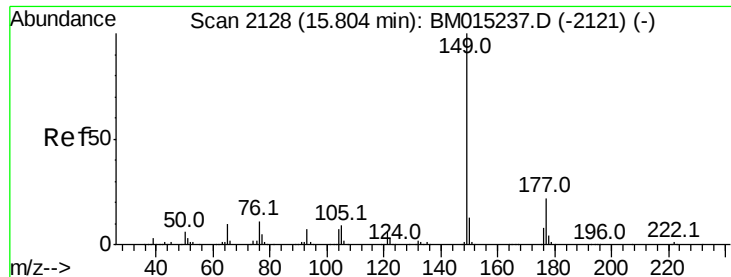
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 99.1  | 79.0  | 118.4 |
| 167     | 13.6  | 10.3  | 15.5  |



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 4.005 ng  
 RT: 15.63 min Scan# 2098  
 Delta R.T. -0.01 min  
 Lab File: BM015258.D  
 Acq: 23 May 2018 02:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 48.7  | 0.0   | 0.0#  |
| 130     | 2.3   | 0.0   | 0.0#  |
| 166     | 33.8  | 0.0   | 0.0#  |

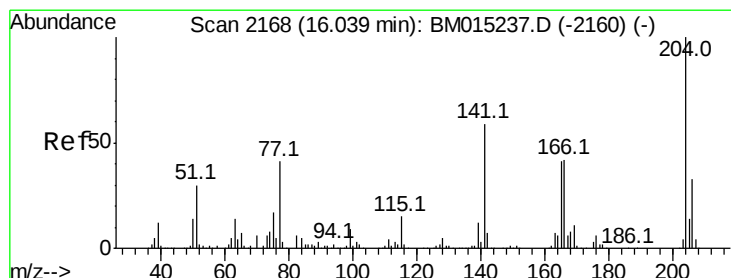
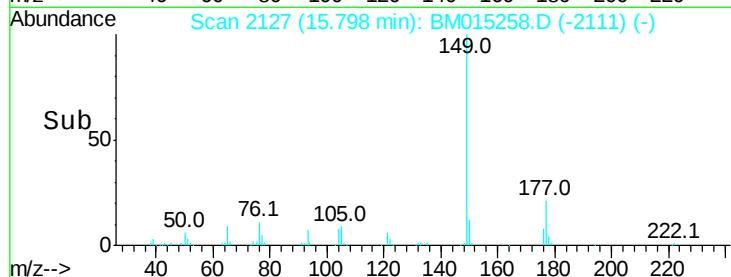
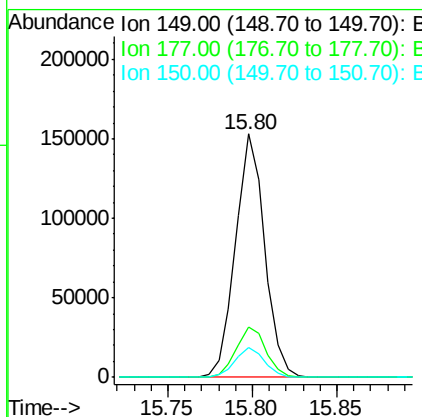
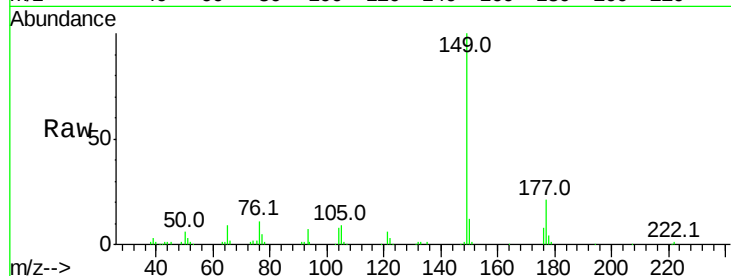




#59  
Diethylphthalate  
Concen: 4.910 ng  
RT: 15.80 min Scan# 2127  
Delta R.T. -0.01 min  
Lab File: BM015258.D  
Acq: 23 May 2018 02:07

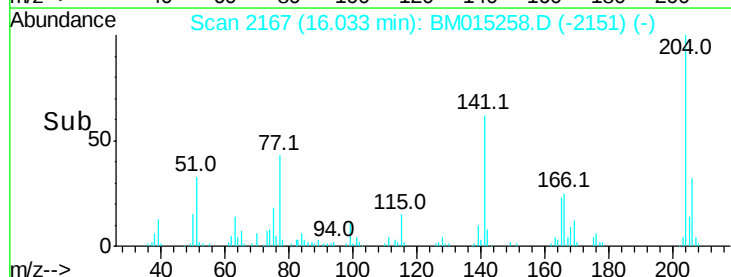
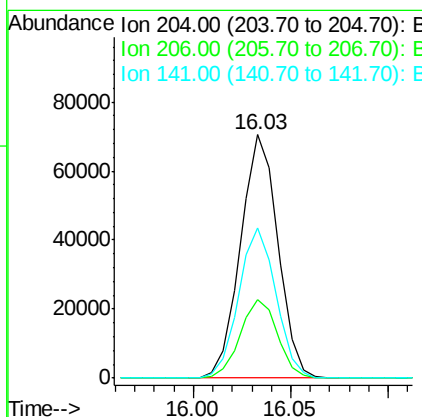
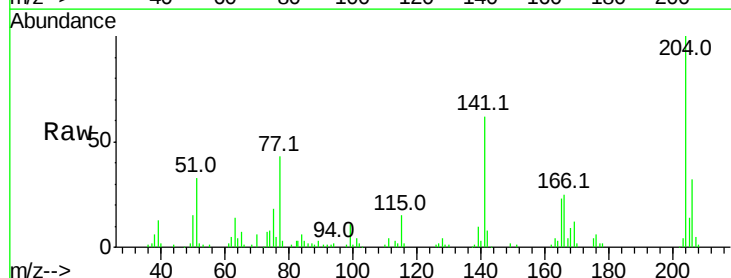
Instrument :  
BNA\_M  
ClientSampleId :

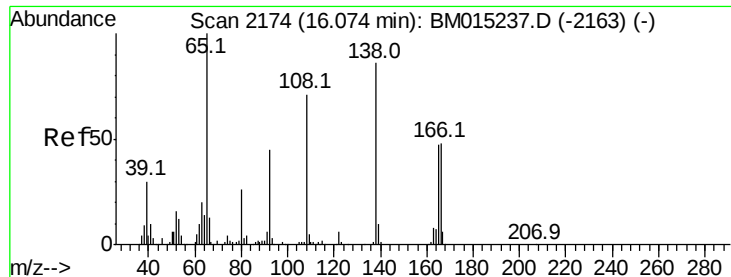
Tot Ion:149 Resp: 184265  
Ion Ratio Lower Upper  
149 100  
177 20.7 18.3 27.5  
150 12.4 9.8 14.8



#60  
4-Chlorophenyl-phenylether  
Concen: 4.967 ng  
RT: 16.03 min Scan# 2167  
Delta R.T. -0.01 min  
Lab File: BM015258.D  
Acq: 23 May 2018 02:07

Tgt Ion:204 Resp: 93700  
Ion Ratio Lower Upper  
204 100  
206 32.1 26.6 39.8  
141 61.9 45.2 67.8

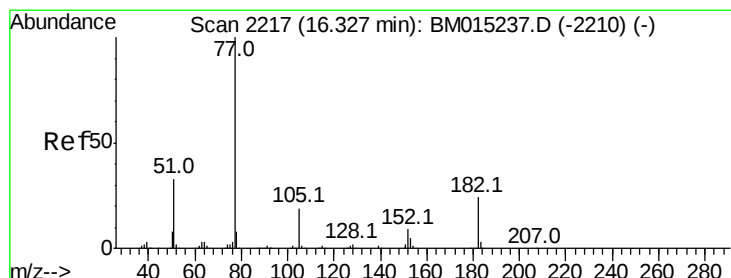
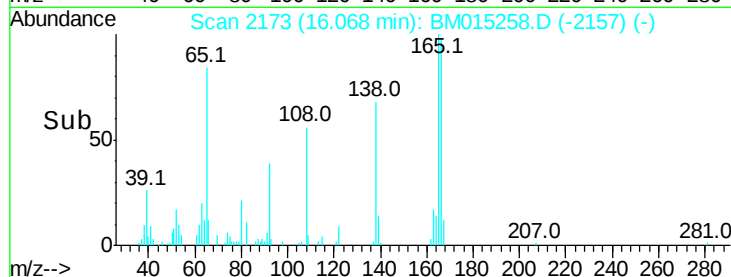
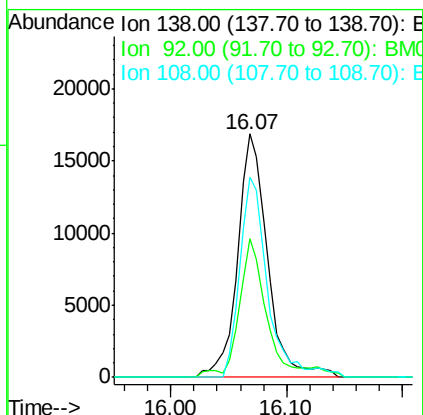
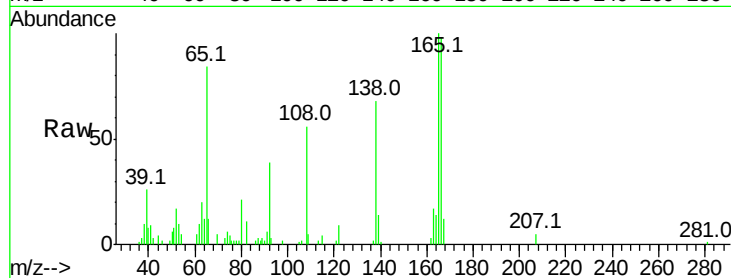




#61  
4-Nitroaniline  
Concen: 3.472 ng  
RT: 16.07 min Scan# 2173  
Delta R.T. -0.01 min  
Lab File: BM015258.D  
Acq: 23 May 2018 02:07

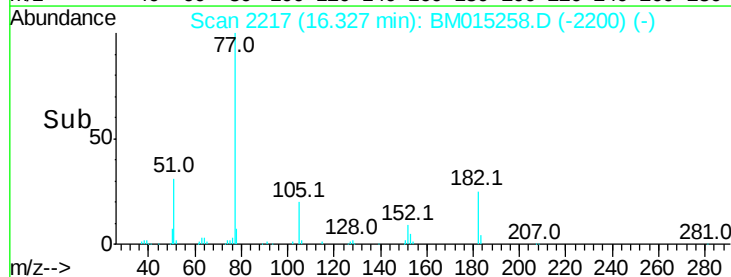
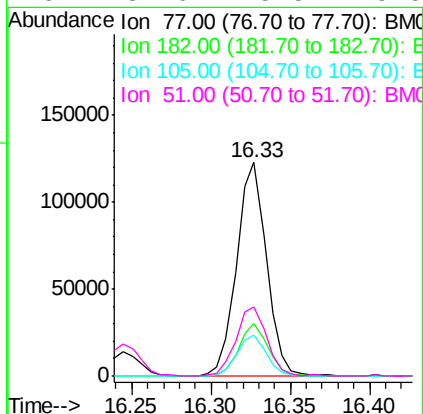
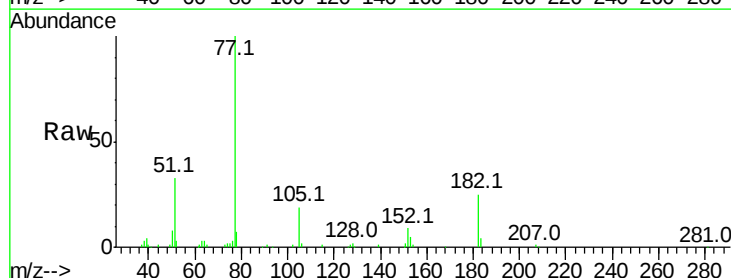
Instrument :  
BNA\_M  
ClientSampled :

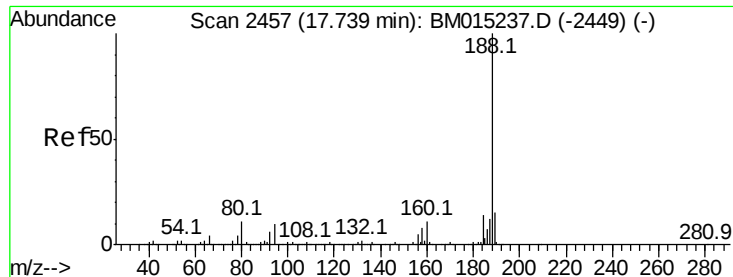
Tot Ion:138 Resp: 30365  
Ion Ratio Lower Upper  
138 100  
92 57.2 16.7 56.7#  
108 82.2 37.6 77.6#



#62  
Azobenzene  
Concen: 4.510 ng  
RT: 16.33 min Scan# 2217  
Delta R.T. -0.00 min  
Lab File: BM015258.D  
Acq: 23 May 2018 02:07

Tgt Ion: 77 Resp: 160793  
Ion Ratio Lower Upper  
77 100  
182 24.8 6.5 46.5  
105 19.3 3.8 43.8  
51 32.6 5.5 45.5

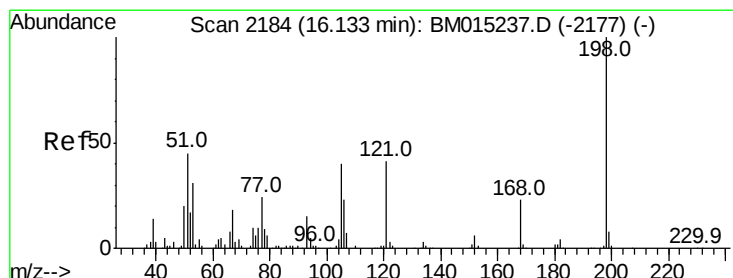
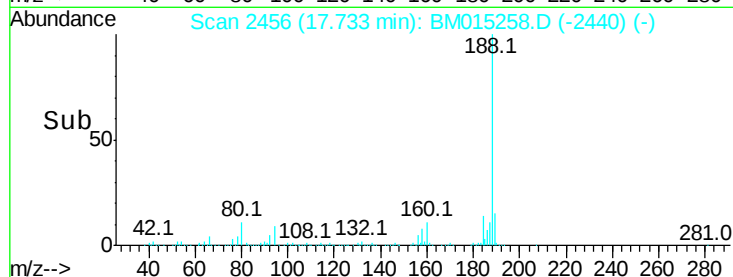
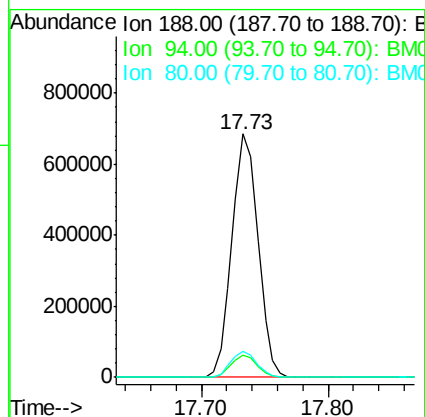
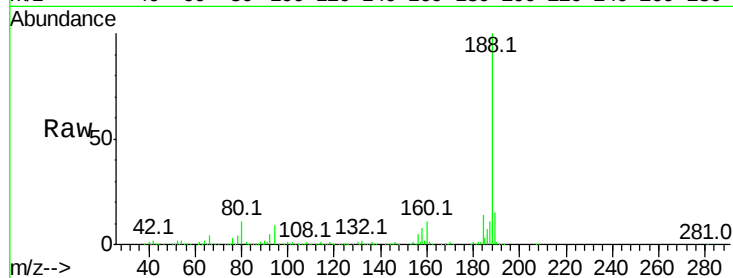




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.73 min Scan# 2456  
Delta R.T. -0.01 min  
Lab File: BM015258.D  
Acq: 23 May 2018 02:07

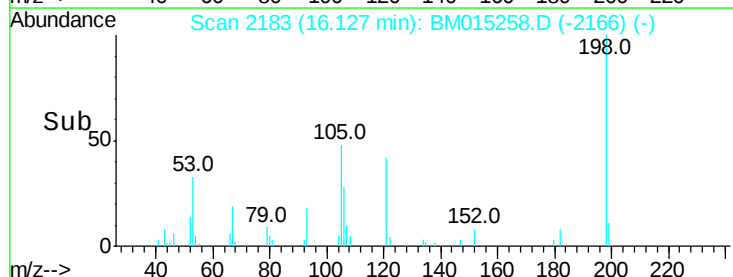
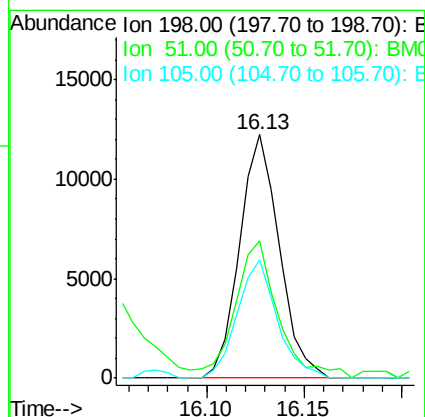
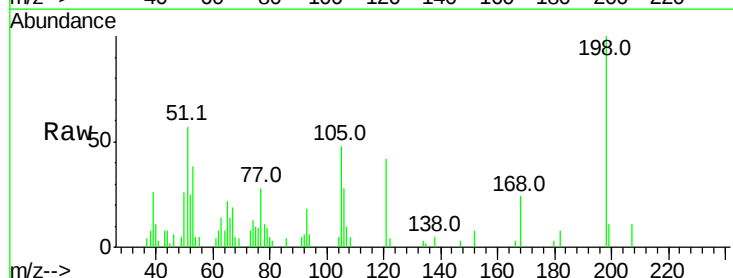
Instrument :  
BNA\_M  
ClientSampleId :

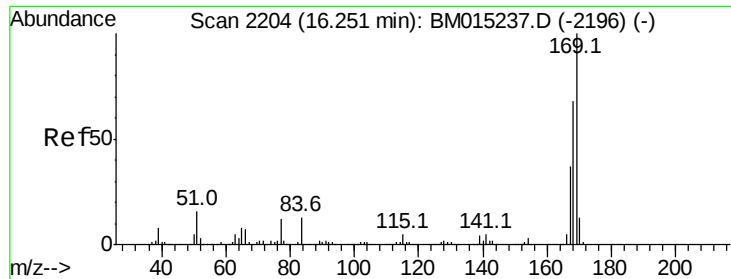
Tot Ion:188 Resp: 976198  
Ion Ratio Lower Upper  
188 100  
94 9.1 8.7 13.1  
80 10.9 9.3 13.9



#64  
4,6-Dinitro-2-methylphenol  
Concen: 3.199 ng  
RT: 16.13 min Scan# 2183  
Delta R.T. -0.00 min  
Lab File: BM015258.D  
Acq: 23 May 2018 02:07

Tgt Ion:198 Resp: 17239  
Ion Ratio Lower Upper  
198 100  
51 56.7 28.8 68.8  
105 48.4 30.5 70.5

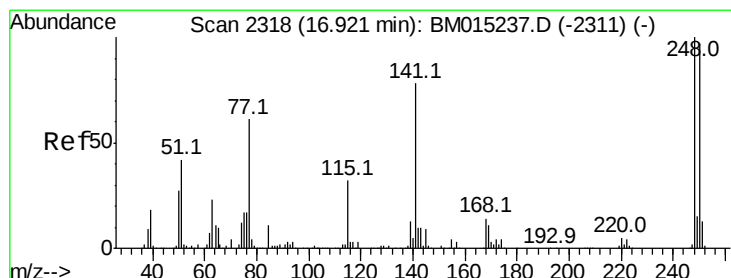
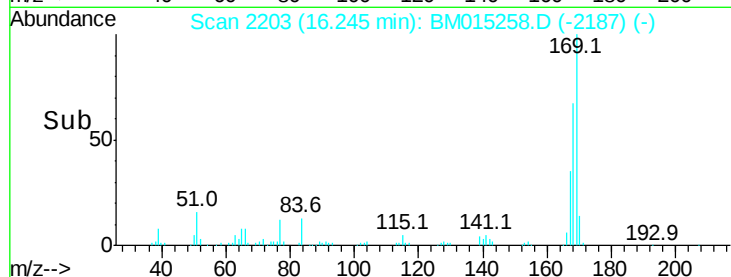
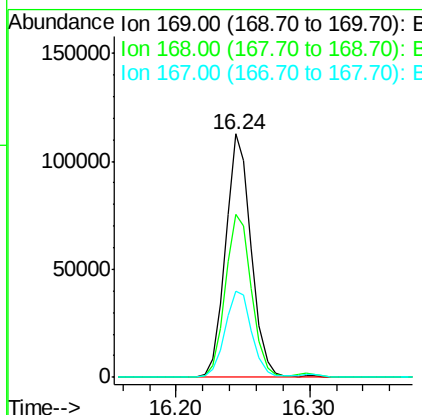
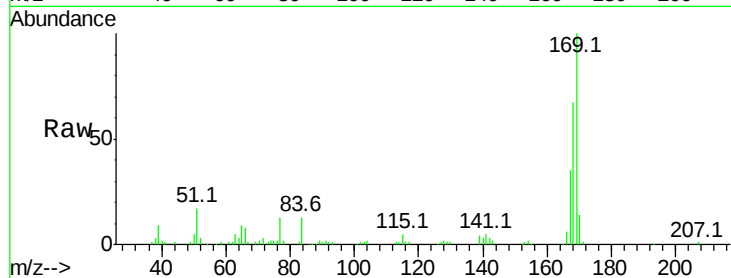




#65  
 n-Nitrosodiphenylamine  
 Concen: 4.822 ng  
 RT: 16.24 min Scan# 2203  
 Delta R.T. -0.01 min  
 Lab File: BM015258.D  
 Acq: 23 May 2018 02:07

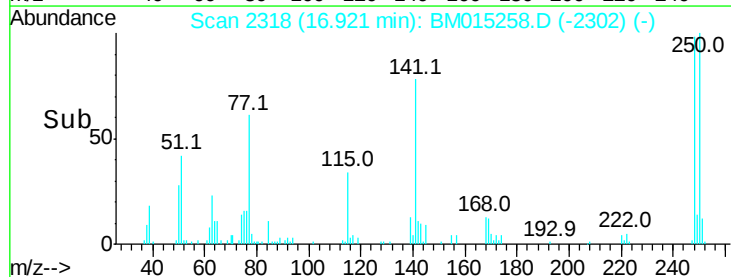
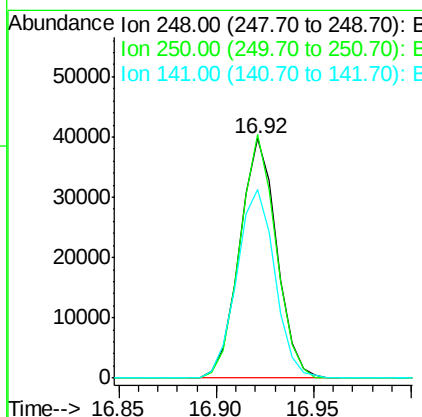
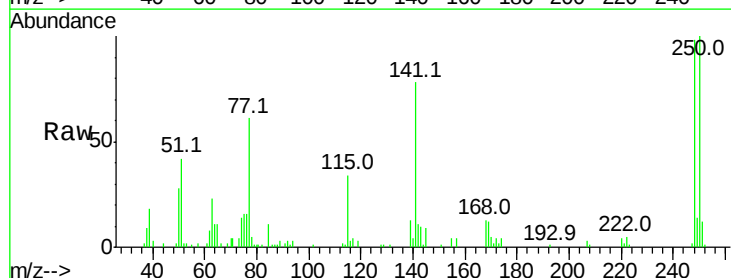
Instrument :  
 BNA\_M  
 ClientSampled :

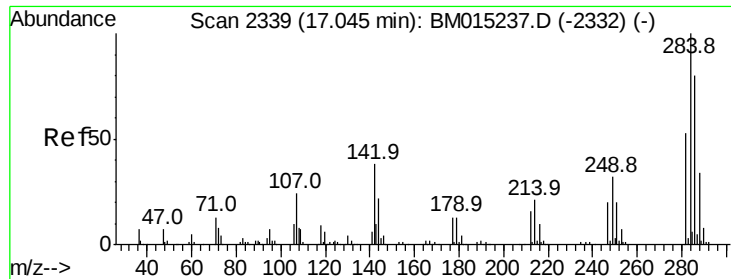
Tot Ion:169 Resp: 151250  
 Ion Ratio Lower Upper  
 169 100  
 168 66.8 53.9 80.9  
 167 35.4 28.9 43.3



#66  
 4-Bromophenyl-phenylether  
 Concen: 4.814 ng  
 RT: 16.92 min Scan# 2318  
 Delta R.T. -0.01 min  
 Lab File: BM015258.D  
 Acq: 23 May 2018 02:07

Tgt Ion:248 Resp: 52507  
 Ion Ratio Lower Upper  
 248 100  
 250 101.7 77.4 116.0  
 141 79.0 45.2 67.8#

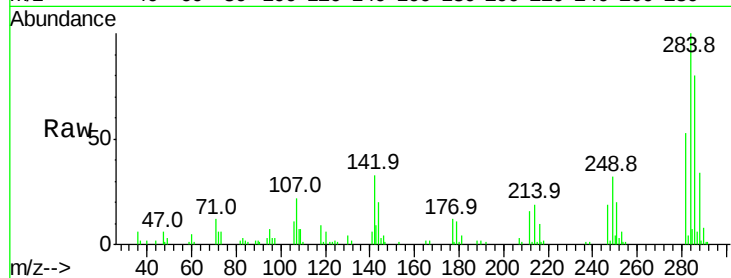




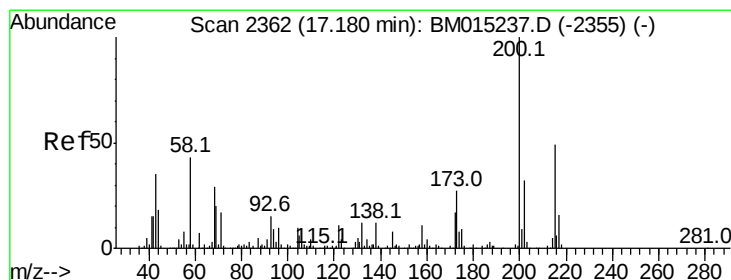
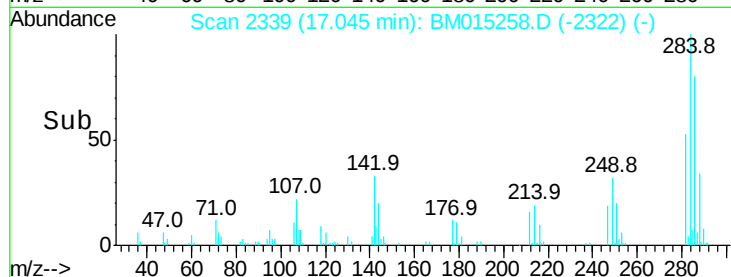
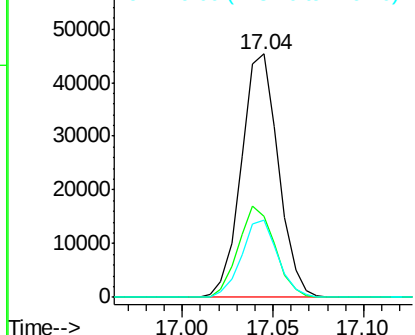
#67  
Hexachlorobenzene  
Concen: 5.102 ng  
RT: 17.04 min Scan# 2339  
Delta R.T. -0.00 min  
Lab File: BM015258.D  
Acq: 23 May 2018 02:07

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:284 Resp: 64086  
Ion Ratio Lower Upper  
284 100  
142 33.5 20.4 30.6#  
249 31.5 23.8 35.6

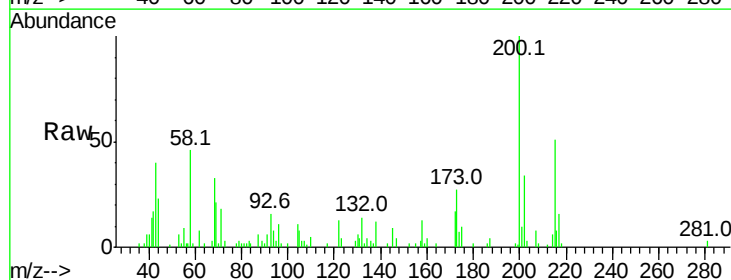


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

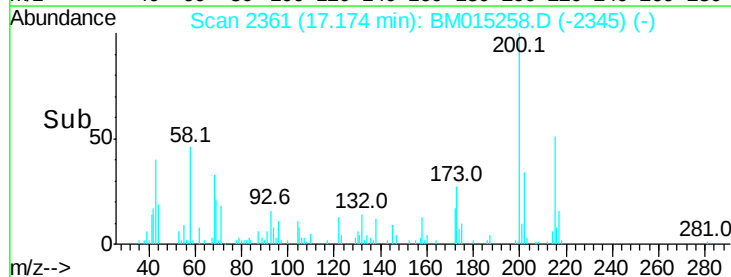
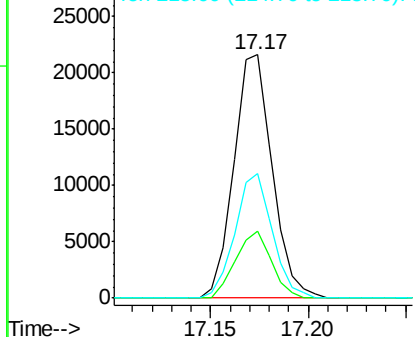


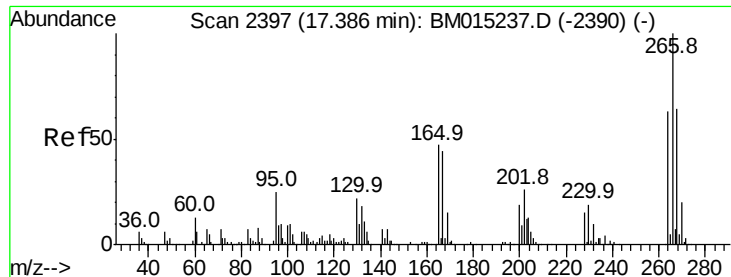
#68  
Atrazine  
Concen: 2.955 ng  
RT: 17.17 min Scan# 2361  
Delta R.T. -0.01 min  
Lab File: BM015258.D  
Acq: 23 May 2018 02:07

Tgt Ion:200 Resp: 29398  
Ion Ratio Lower Upper  
200 100  
173 27.5 4.8 44.8  
215 51.0 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: 3.806 ng

RT: 17.39 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BM015258.D

Acq: 23 May 2018 02:07

Instrument :

BNA\_M

ClientSampleId :

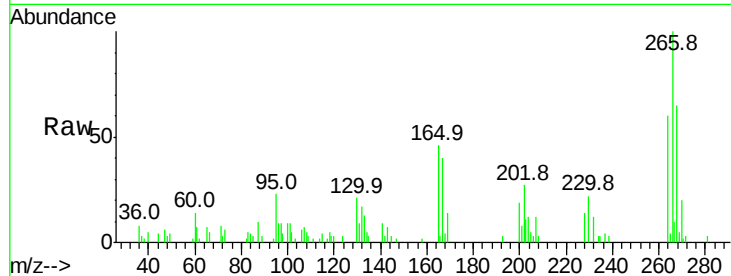
Tot Ion:266 Resp: 26612

Ion Ratio Lower Upper

266 100

268 64.8 52.0 78.0

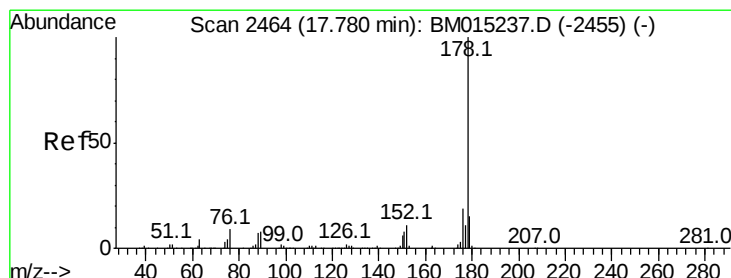
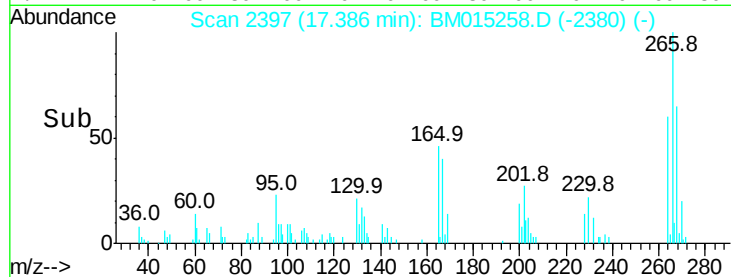
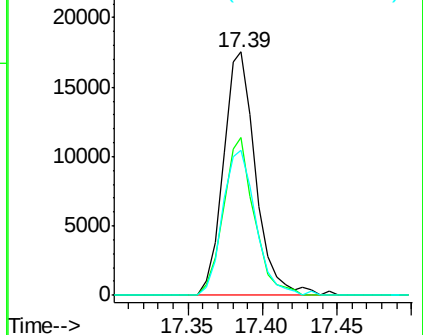
264 59.6 49.0 73.4



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: 4.955 ng

RT: 17.77 min Scan# 2463

Delta R.T. -0.01 min

Lab File: BM015258.D

Acq: 23 May 2018 02:07

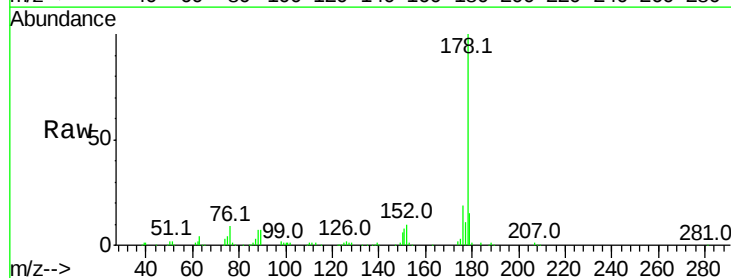
Tgt Ion:178 Resp: 275485

Ion Ratio Lower Upper

178 100

176 18.7 15.2 22.8

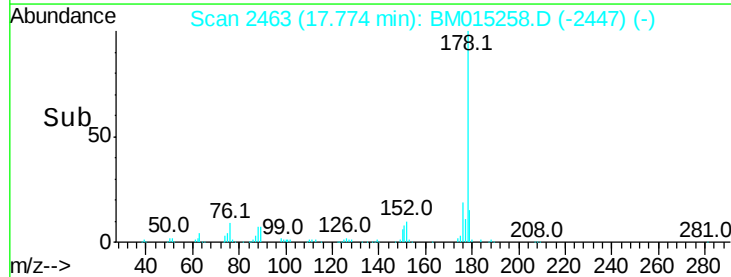
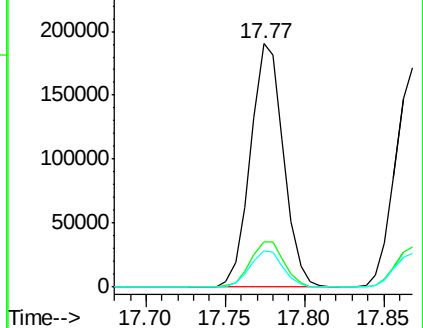
179 15.1 12.1 18.1

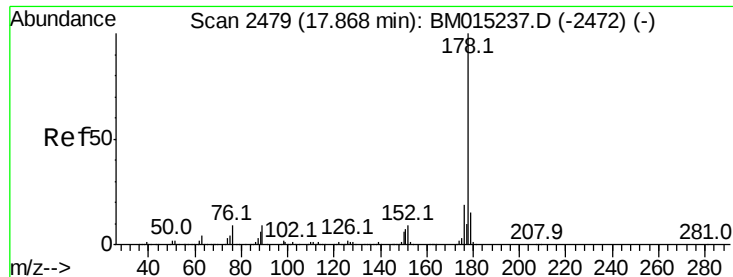


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

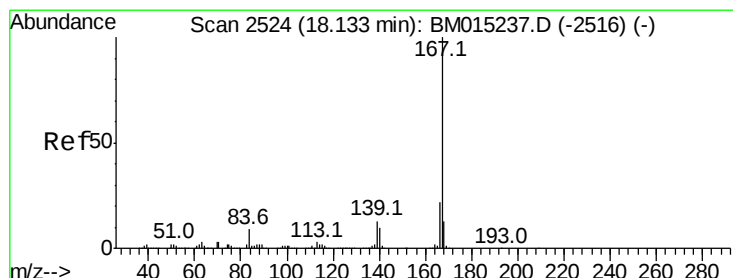
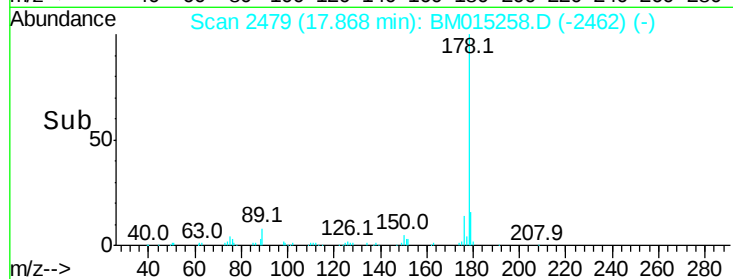
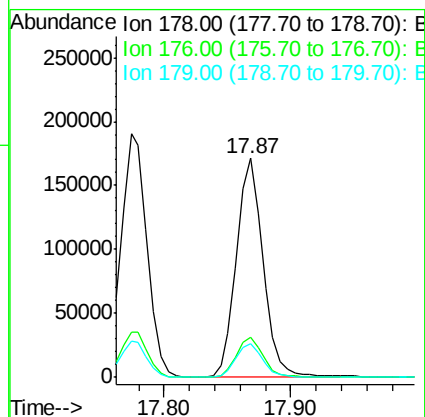
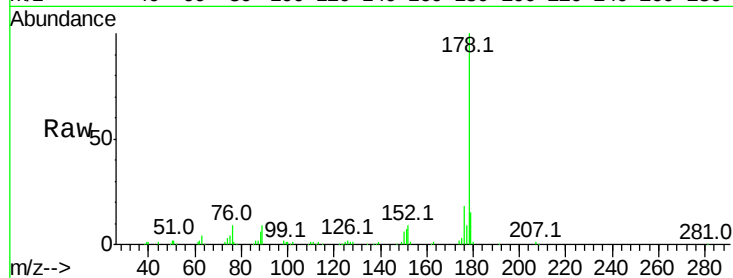




#71  
 Anthracene  
 Concen: 4.475 ng  
 RT: 17.87 min Scan# 2479  
 Delta R.T. -0.00 min  
 Lab File: BM015258.D  
 Acq: 23 May 2018 02:07

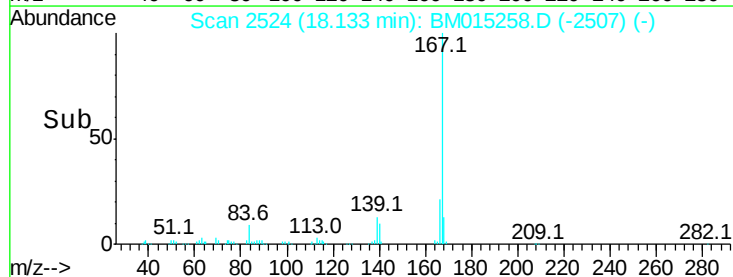
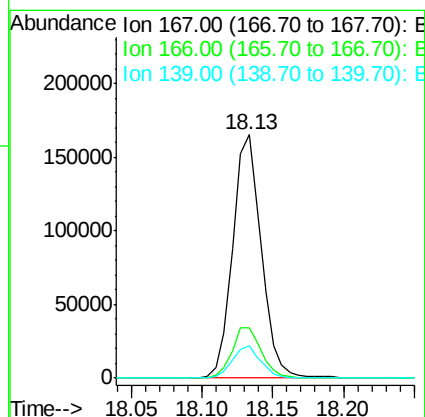
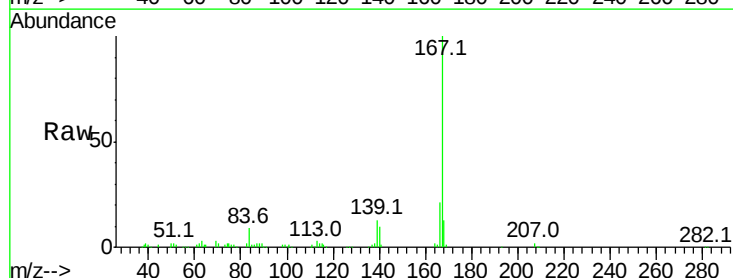
Instrument :  
 BNA\_M  
 ClientSampleId :

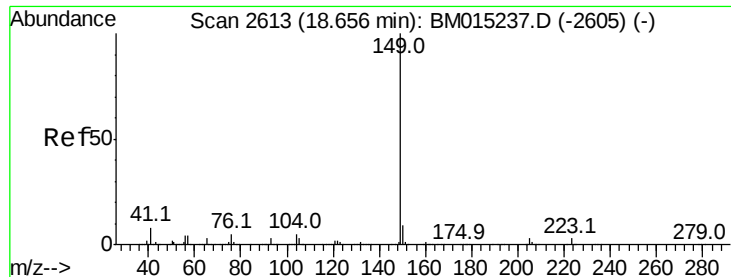
Tot Ion:178 Resp: 248032  
 Ion Ratio Lower Upper  
 178 100  
 176 18.1 14.6 22.0  
 179 15.1 12.6 19.0



#72  
 Carbazole  
 Concen: 4.755 ng  
 RT: 18.13 min Scan# 2524  
 Delta R.T. -0.00 min  
 Lab File: BM015258.D  
 Acq: 23 May 2018 02:07

Tgt Ion:167 Resp: 233335  
 Ion Ratio Lower Upper  
 167 100  
 166 20.8 17.2 25.8  
 139 13.3 10.8 16.2

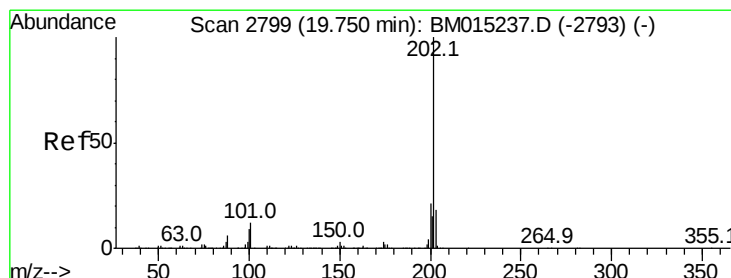
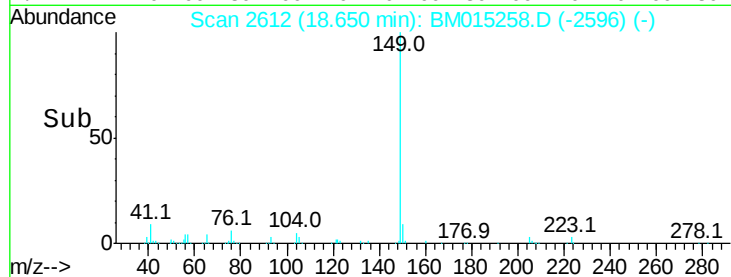
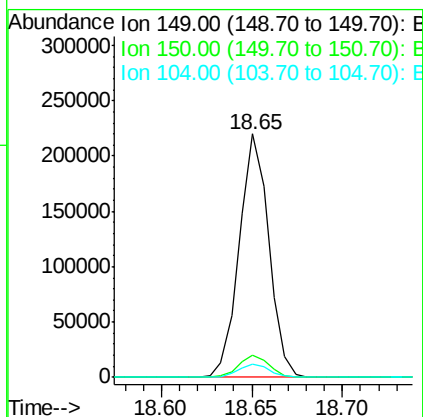
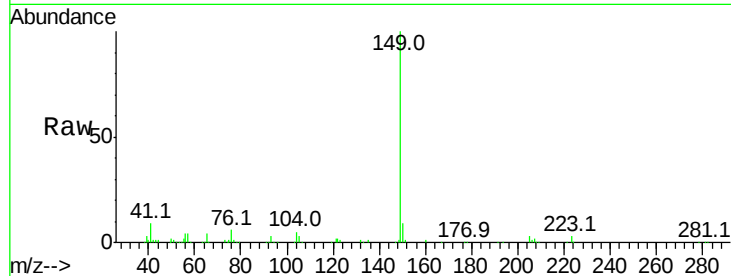




#73  
Di-n-butylphthalate  
Concen: 4.319 ng  
RT: 18.65 min Scan# 2612  
Delta R.T. -0.01 min  
Lab File: BM015258.D  
Acq: 23 May 2018 02:07

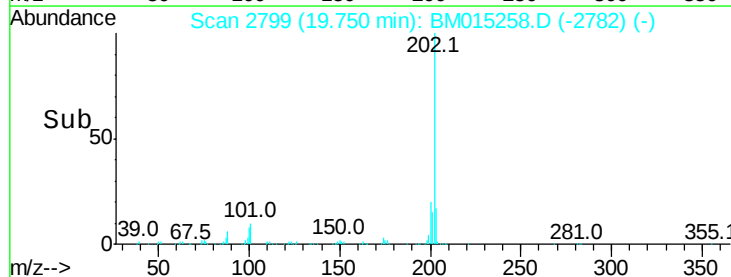
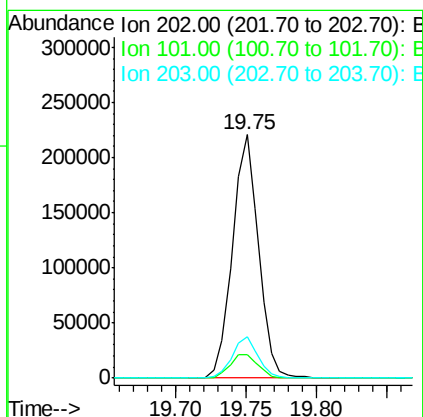
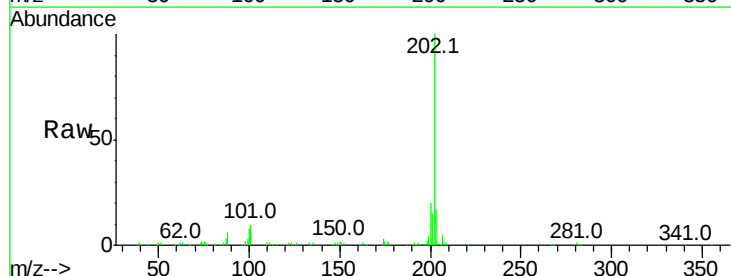
Instrument :  
BNA\_M  
ClientSampleId :

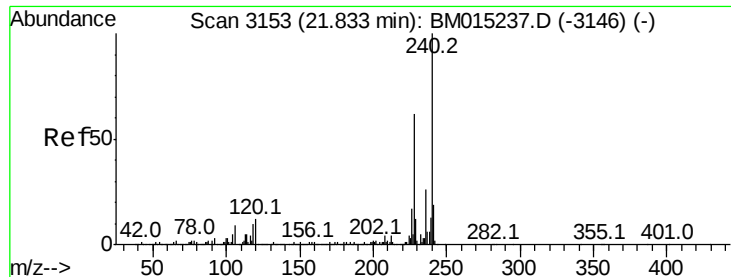
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 8.9   | 7.5   | 11.3  |
| 104     | 5.2   | 3.7   | 5.5   |



#74  
Fluoranthene  
Concen: 4.646 ng  
RT: 19.75 min Scan# 2799  
Delta R.T. -0.00 min  
Lab File: BM015258.D  
Acq: 23 May 2018 02:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 9.7   | 0.0   | 28.7  |
| 203     | 16.8  | 0.0   | 37.2  |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BM015258.D

Acq: 23 May 2018 02:07

Instrument :

BNA\_M

ClientSampled :

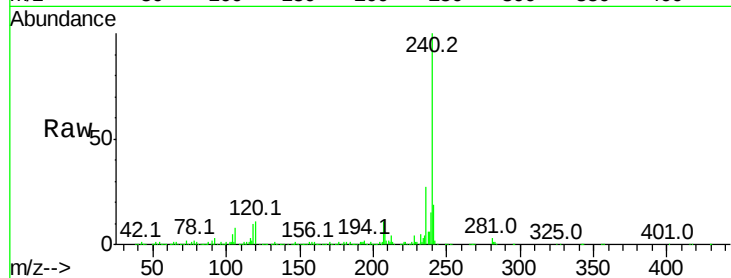
Tot Ion:240 Resp: 916186

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 11.2  | 8.2   | 12.2  |
| 236 | 26.5  | 20.0  | 30.0  |

240 100

120 11.2 8.2 12.2

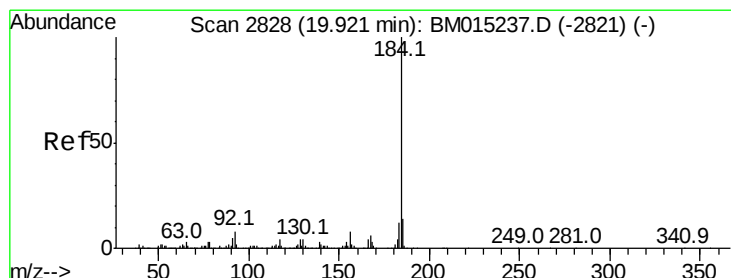
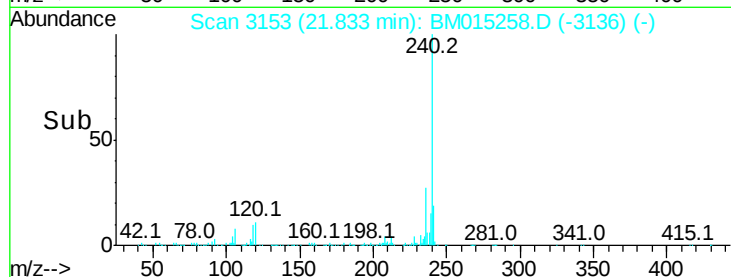
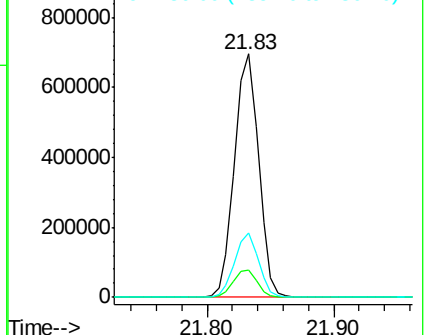
236 26.5 20.0 30.0



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



#76

Benzidine

Concen: 2.526 ng

RT: 19.92 min Scan# 2828

Delta R.T. -0.00 min

Lab File: BM015258.D

Acq: 23 May 2018 02:07

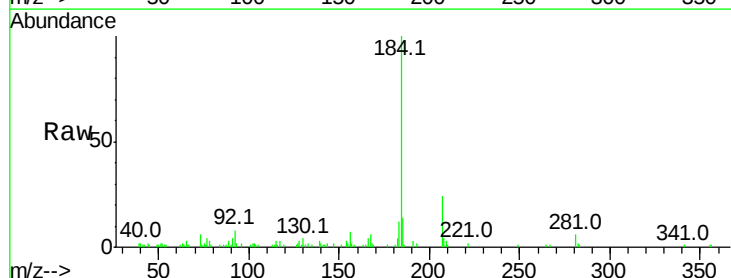
Tgt Ion:184 Resp: 72451

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 13.9  | 11.3  | 16.9  |
| 183 | 12.0  | 8.9   | 13.3  |

184 100

185 13.9 11.3 16.9

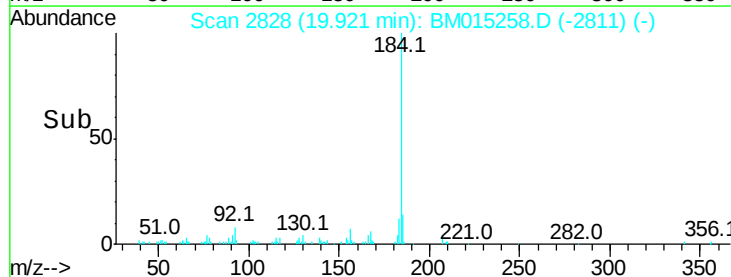
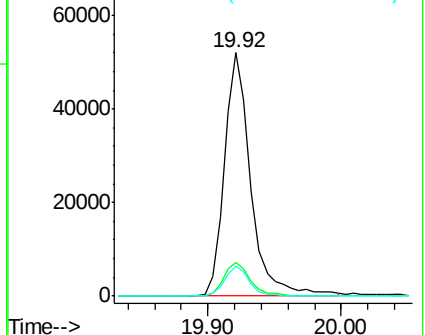
183 12.0 8.9 13.3

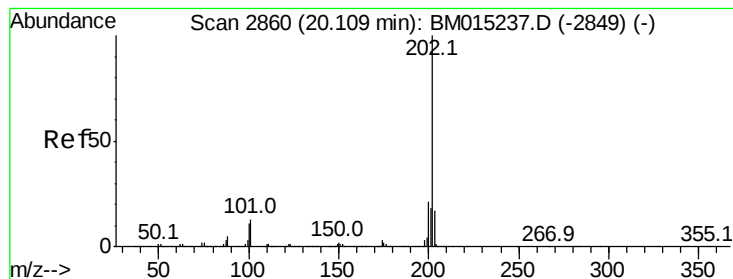


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 5.131 ng

RT: 20.10 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM015258.D

Acq: 23 May 2018 02:07

Instrument :

BNA\_M

ClientSampled :

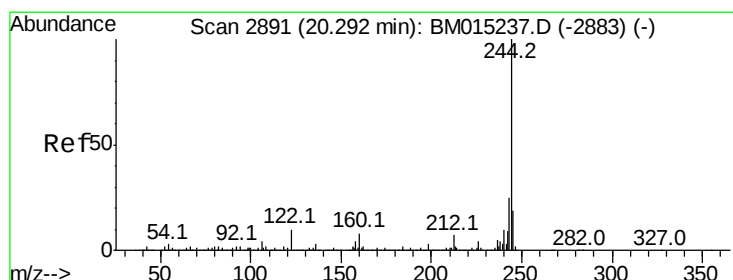
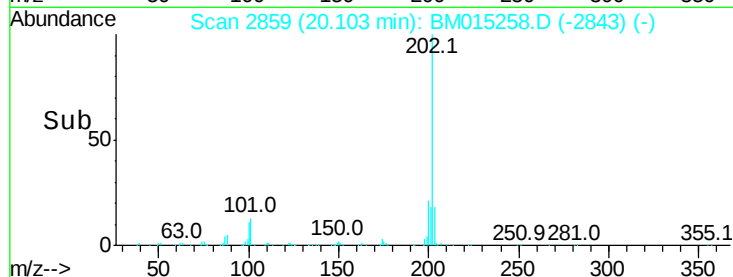
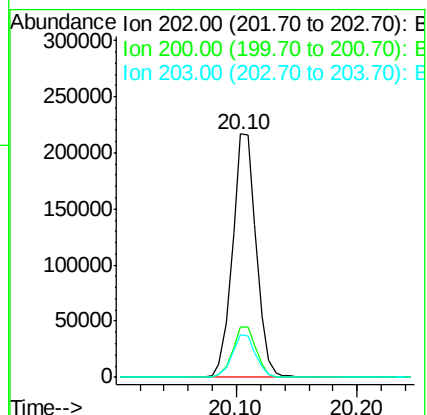
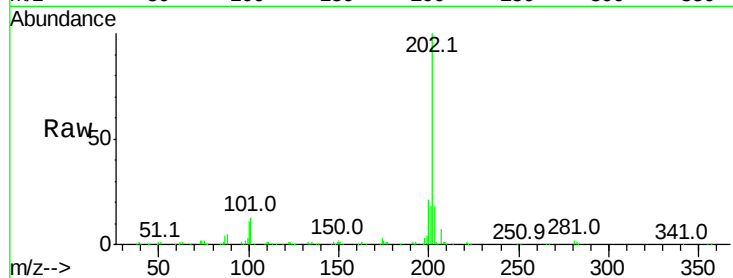
Tot Ion:202 Resp: 296718

Ion Ratio Lower Upper

202 100

200 20.6 16.9 25.3

203 17.7 14.1 21.1



#78

Terphenyl-d14

Concen: 96.584 ng

RT: 20.29 min Scan# 2890

Delta R.T. -0.00 min

Lab File: BM015258.D

Acq: 23 May 2018 02:07

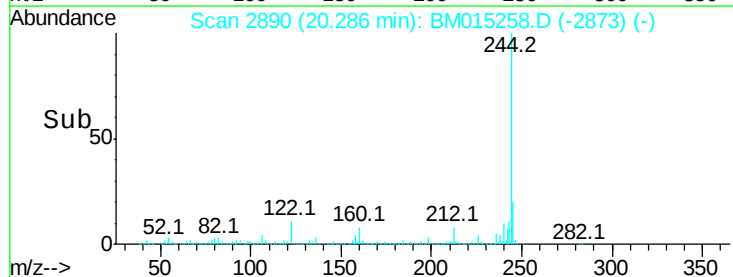
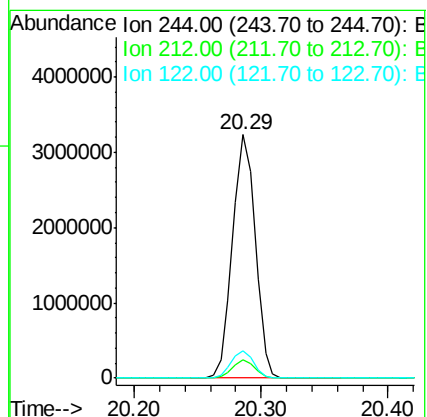
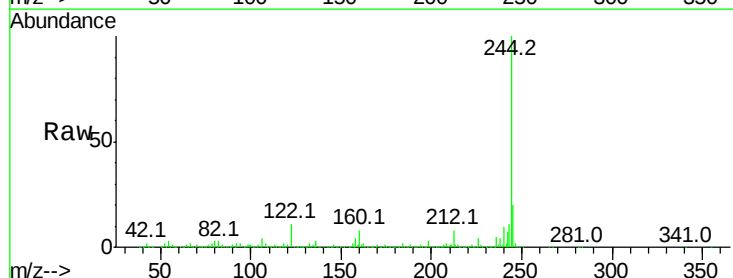
Tgt Ion:244 Resp: 4007234

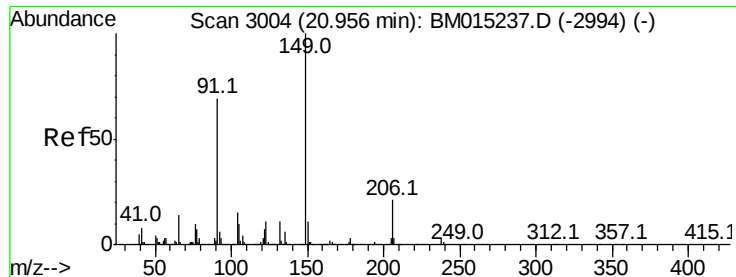
Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

122 11.0 6.2 9.4#

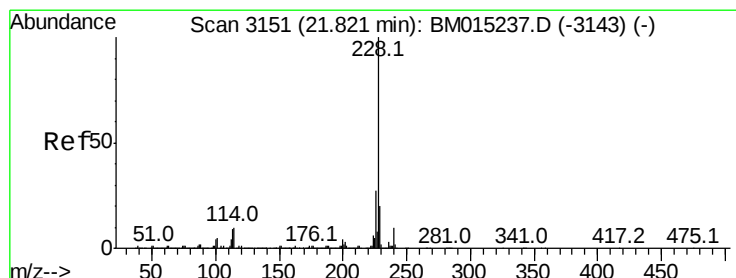
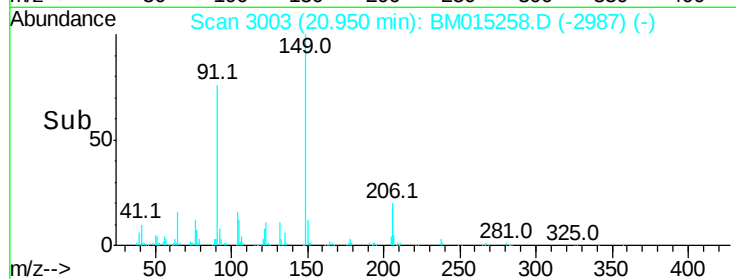
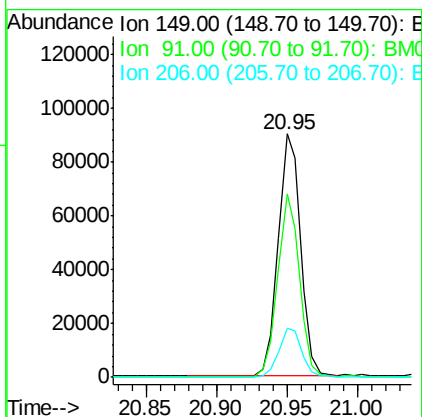
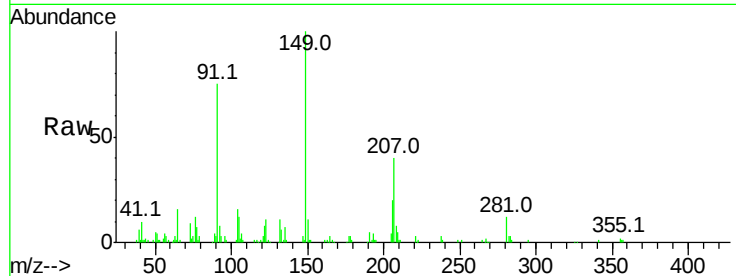




#79  
Butylbenzylphthalate  
Concen: 4.227 ng  
RT: 20.95 min Scan# 3003  
Delta R.T. -0.01 min  
Lab File: BM015258.D  
Acq: 23 May 2018 02:07

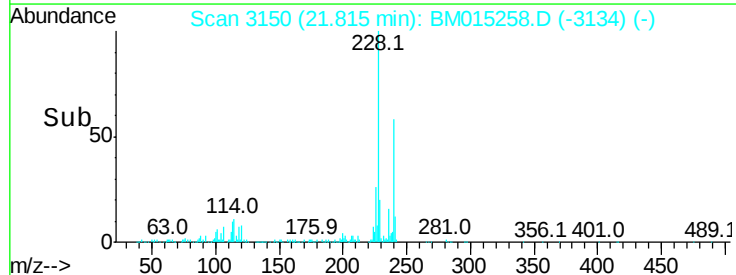
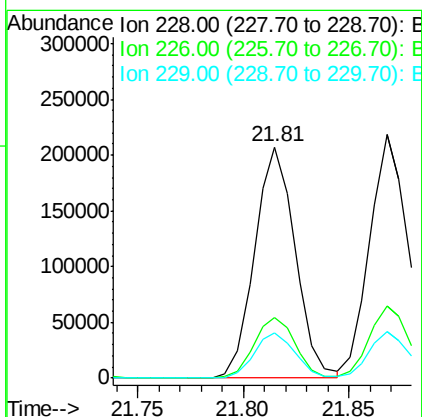
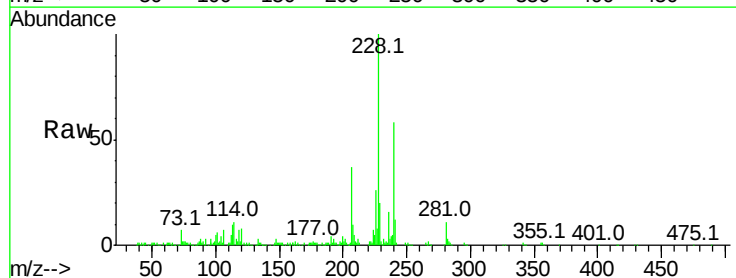
Instrument :  
BNA\_M  
ClientSampleId :

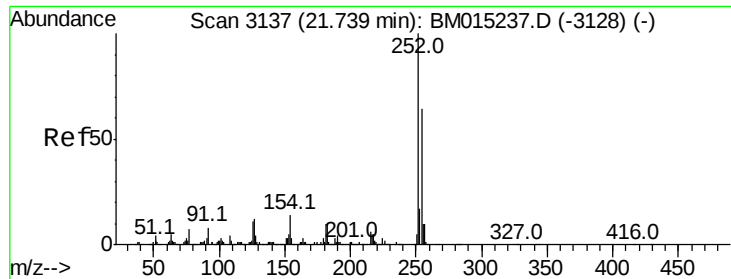
Tot Ion:149 Resp: 99797  
Ion Ratio Lower Upper  
149 100  
91 75.2 50.1 75.1#  
206 20.1 16.2 24.2



#80  
Benzo(a)anthracene  
Concen: 4.815 ng  
RT: 21.81 min Scan# 3150  
Delta R.T. -0.01 min  
Lab File: BM015258.D  
Acq: 23 May 2018 02:07

Tgt Ion:228 Resp: 277967  
Ion Ratio Lower Upper  
228 100  
226 26.1 21.7 32.5  
229 19.7 16.0 24.0

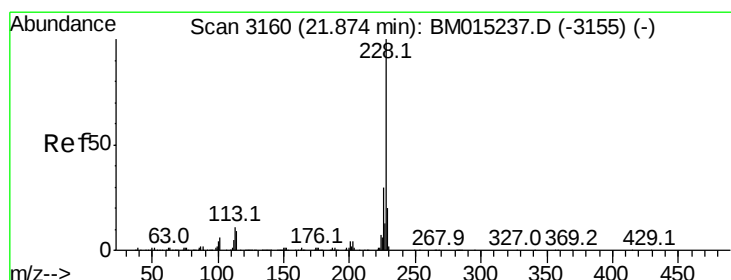
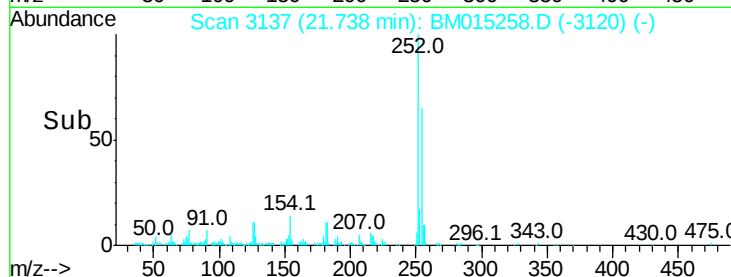
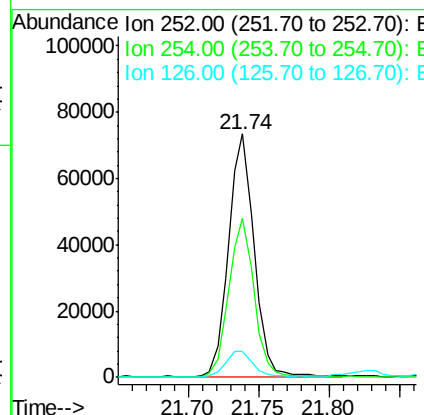
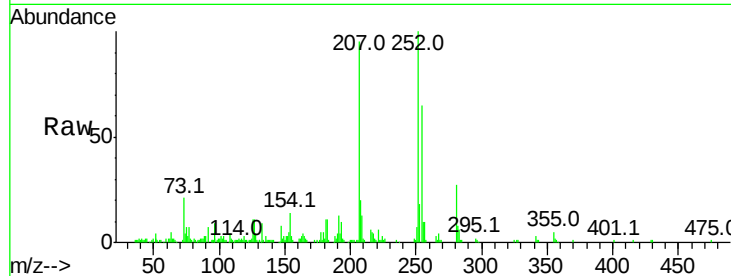




#81  
 3,3'-Dichlorobenzidine  
 Concen: 4.357 ng  
 RT: 21.74 min Scan# 3137  
 Delta R.T. -0.00 min  
 Lab File: BM015258.D  
 Acq: 23 May 2018 02:07

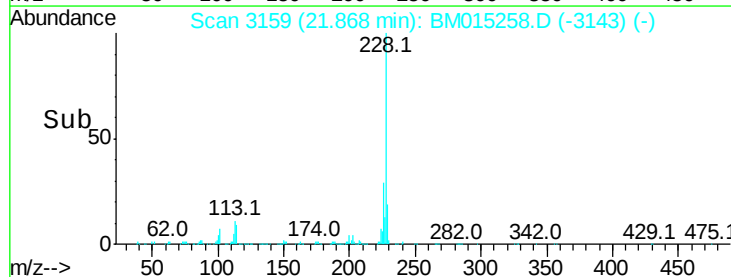
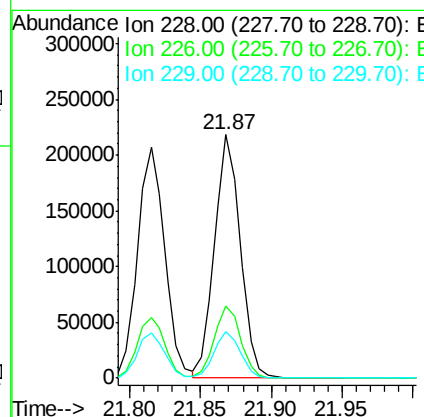
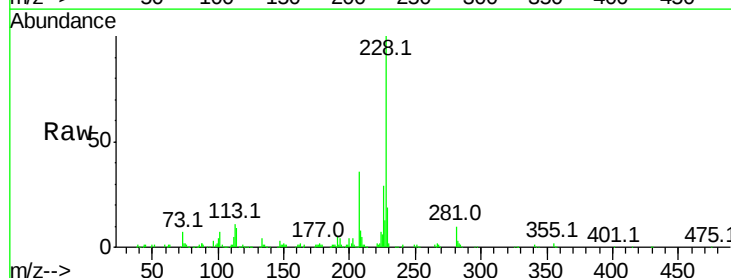
Instrument :  
 BNA\_M  
 ClientSampleId :

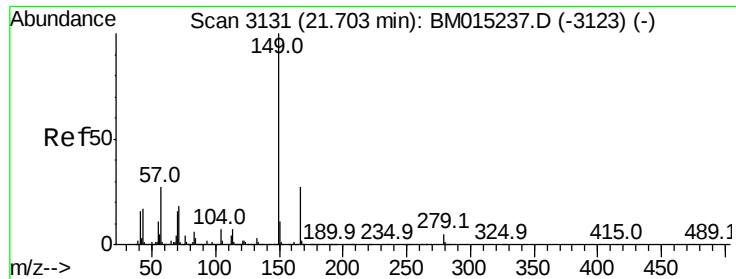
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.3  | 51.9  | 77.9  |
| 126     | 10.6  | 9.8   | 14.8  |



#82  
 Chrysene  
 Concen: 5.100 ng  
 RT: 21.87 min Scan# 3159  
 Delta R.T. -0.01 min  
 Lab File: BM015258.D  
 Acq: 23 May 2018 02:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.4  | 24.1  | 36.1  |
| 229     | 19.1  | 15.5  | 23.3  |

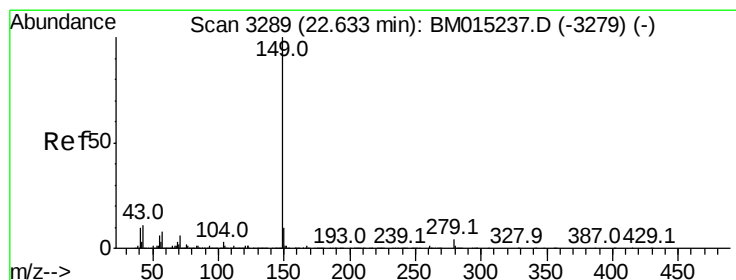
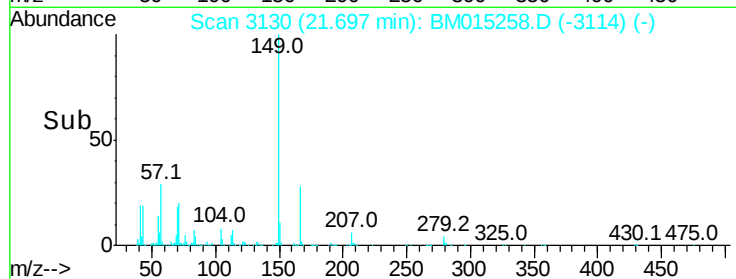
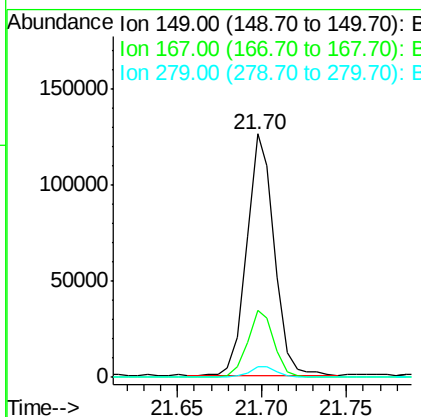
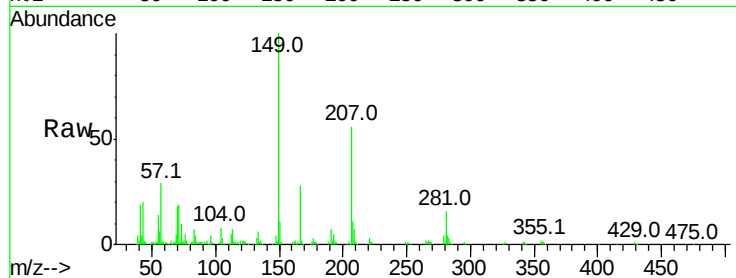




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 4.127 ng  
 RT: 21.70 min Scan# 3130  
 Delta R.T. -0.01 min  
 Lab File: BM015258.D  
 Acq: 23 May 2018 02:07

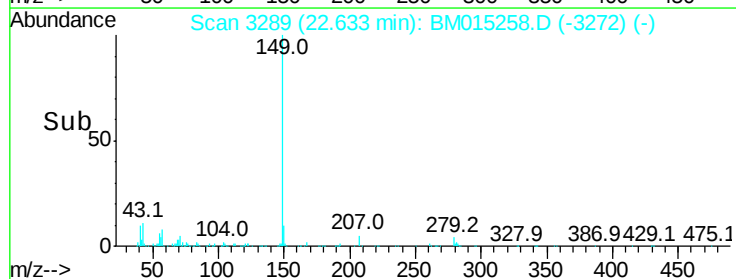
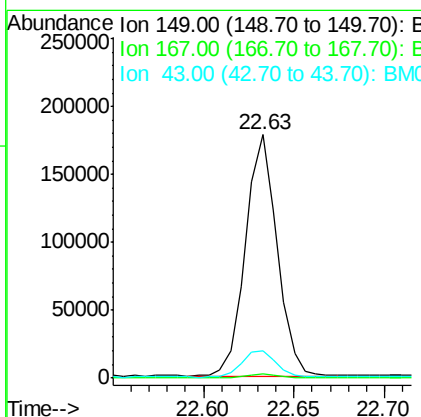
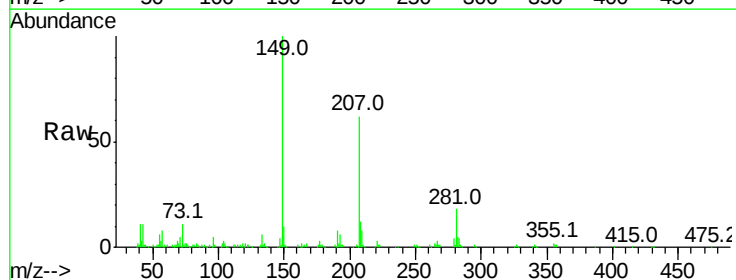
Instrument :  
 BNA\_M  
 ClientSampleId :

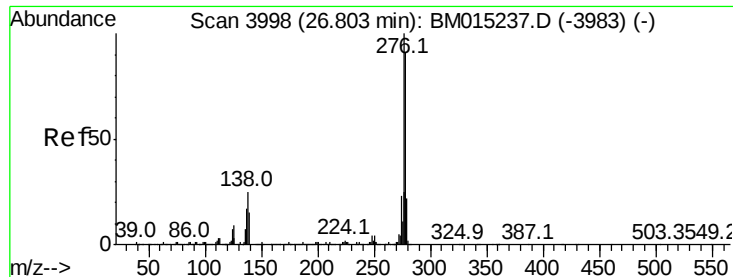
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.8  | 22.4  | 33.6  |
| 279     | 4.1   | 3.4   | 5.0   |



#84  
 Di-n-octyl phthalate  
 Concen: 3.594 ng  
 RT: 22.63 min Scan# 3289  
 Delta R.T. -0.00 min  
 Lab File: BM015258.D  
 Acq: 23 May 2018 02:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.7   | 1.2   | 1.8   |
| 43      | 11.9  | 7.3   | 10.9# |

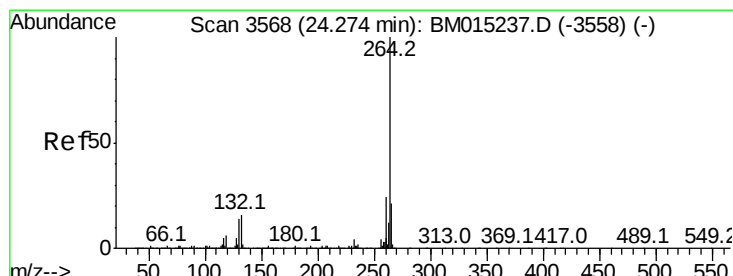
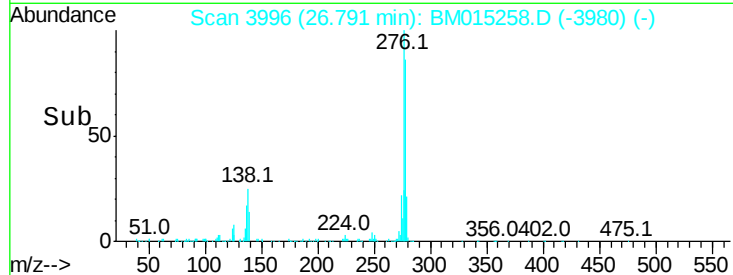
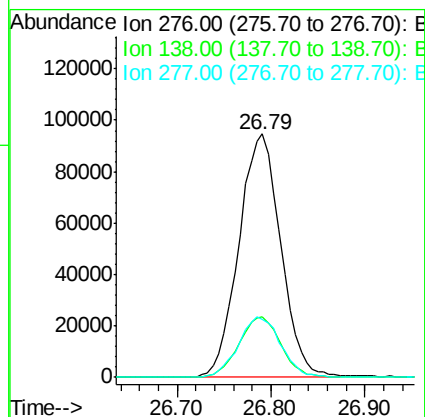
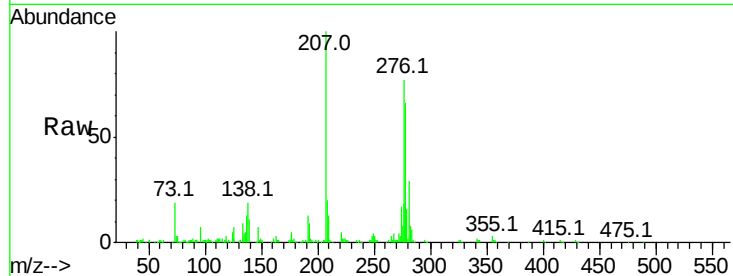




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 4.449 ng  
 RT: 26.79 min Scan# 3996  
 Delta R.T. -0.01 min  
 Lab File: BM015258.D  
 Acq: 23 May 2018 02:07

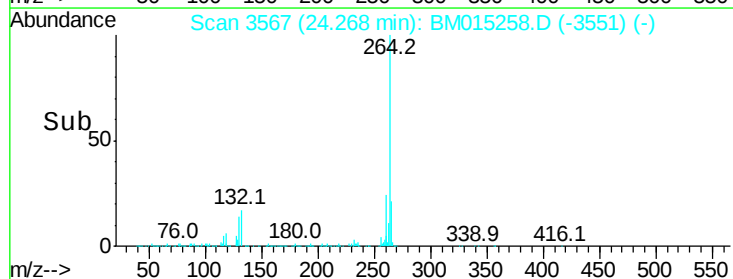
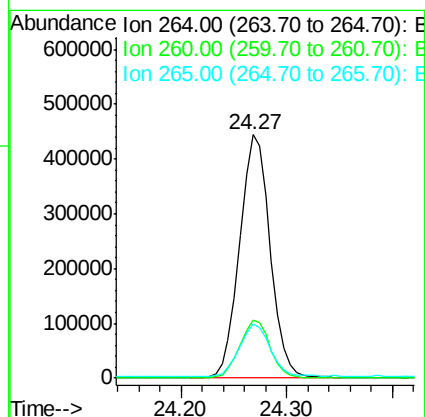
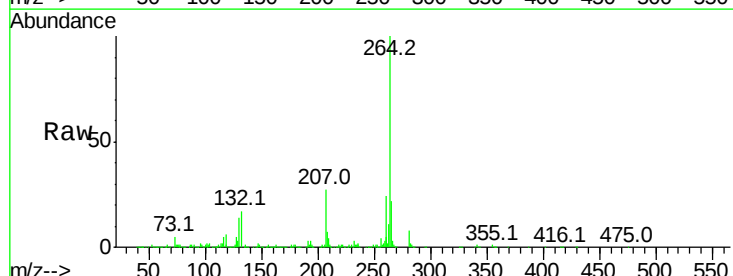
Instrument :  
 BNA\_M  
 ClientSampleId :

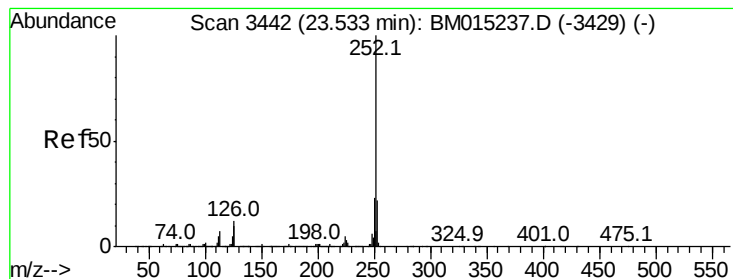
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 276   | Resp: | 292653 |
| Ion      | Ratio | Lower | Upper  |
| 276      | 100   |       |        |
| 138      | 24.9  | 12.0  | 18.0#  |
| 277      | 25.1  | 20.0  | 30.0   |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.27 min Scan# 3567  
 Delta R.T. -0.01 min  
 Lab File: BM015258.D  
 Acq: 23 May 2018 02:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 264   | Resp: | 891092 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 23.9  | 18.6  | 27.8   |
| 265      | 22.0  | 17.3  | 25.9   |





#87

Benzo(b)fluoranthene

Concen: 4.790 ng

RT: 23.53 min Scan# 3441

Delta R.T. -0.00 min

Lab File: BM015258.D

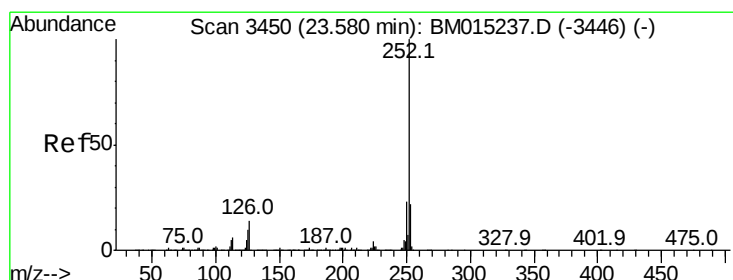
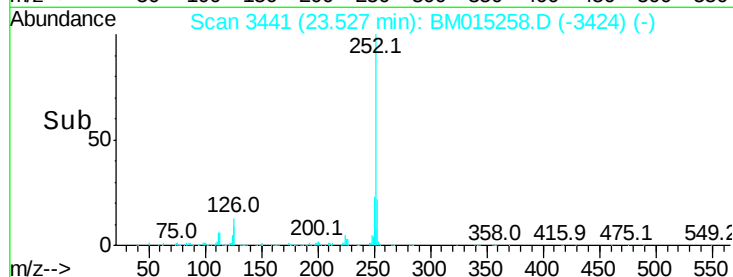
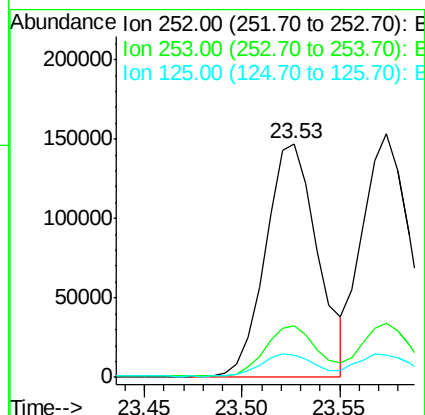
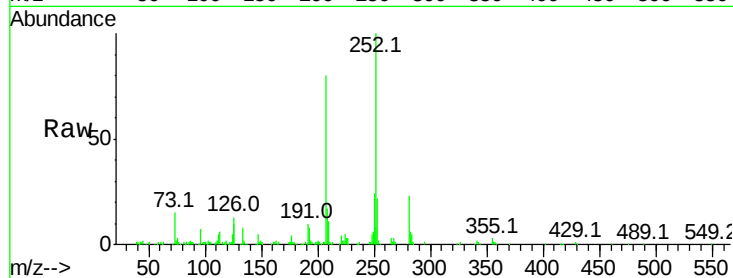
Acq: 23 May 2018 02:07

Instrument :

BNA\_M

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:252 | Resp: | 270059    |
| Ion Ratio   | Lower | Upper     |
| 252         | 100   |           |
| 253         | 22.3  | 18.0 27.0 |
| 125         | 9.6   | 9.9 14.9# |



#88

Benzo(k)fluoranthene

Concen: 4.876 ng

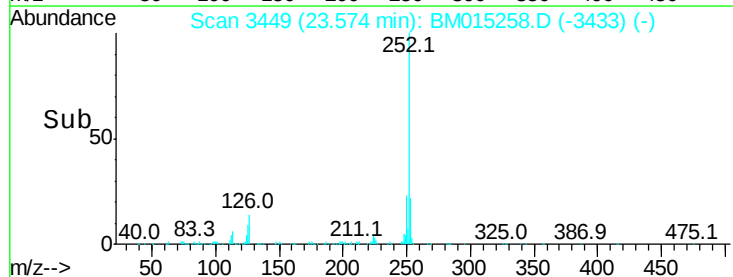
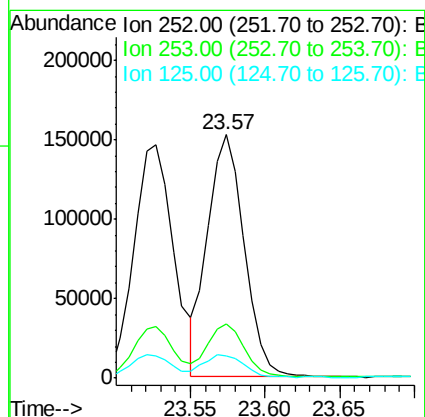
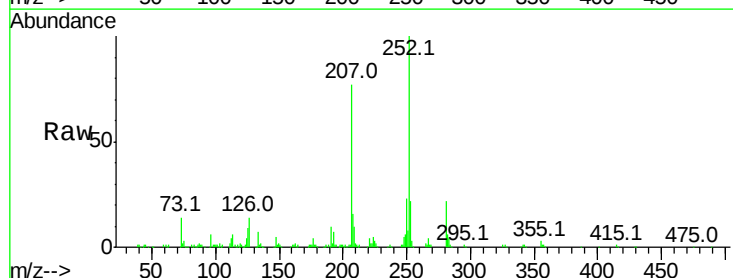
RT: 23.57 min Scan# 3449

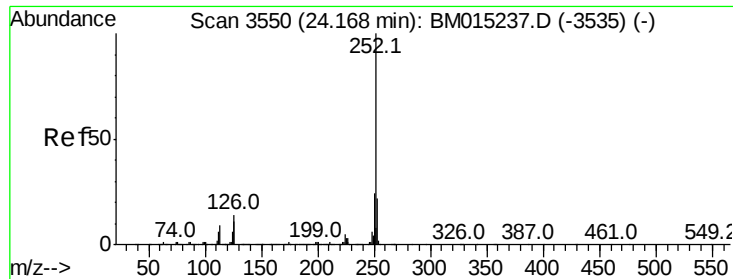
Delta R.T. -0.01 min

Lab File: BM015258.D

Acq: 23 May 2018 02:07

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:252 | Resp: | 260037    |
| Ion Ratio   | Lower | Upper     |
| 252         | 100   |           |
| 253         | 22.3  | 17.2 25.8 |
| 125         | 9.4   | 8.1 12.1  |





#89

Benzo(a)pyrene

Concen: 4.549 ng

RT: 24.16 min Scan# 3549

Delta R.T. -0.01 min

Lab File: BM015258.D

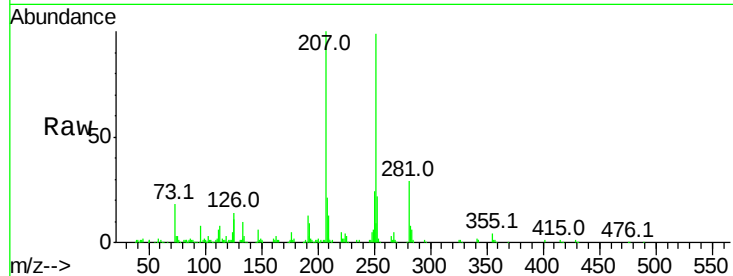
Acq: 23 May 2018 02:07

Instrument :

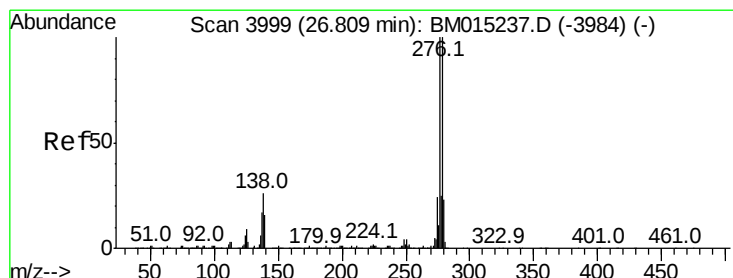
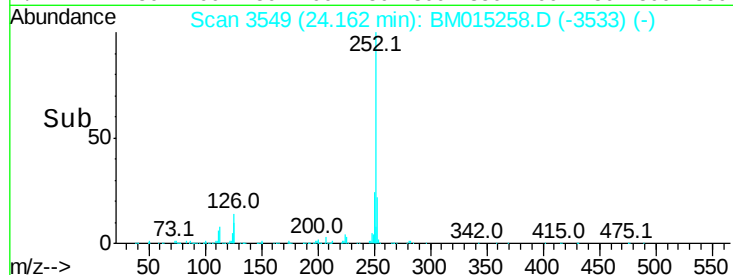
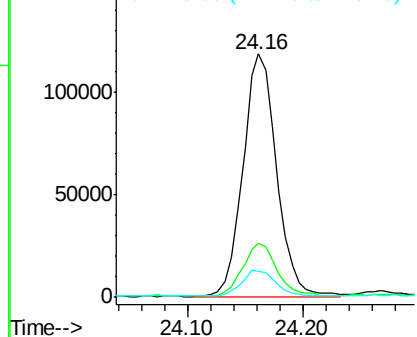
BNA\_M

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 252   | Resp: | 239237 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 253      | 22.5  | 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: 4.644 ng

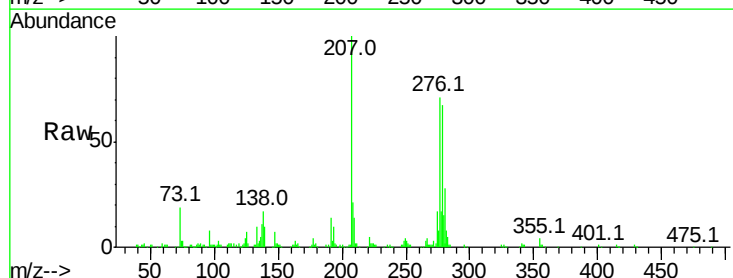
RT: 26.80 min Scan# 3997

Delta R.T. -0.01 min

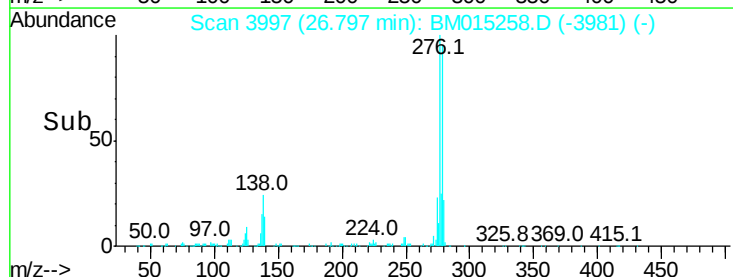
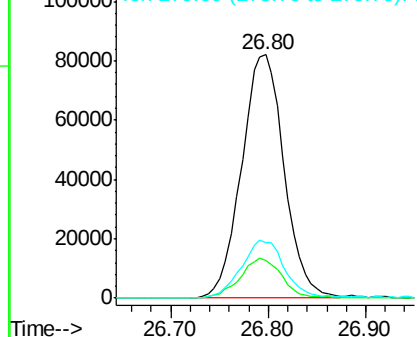
Lab File: BM015258.D

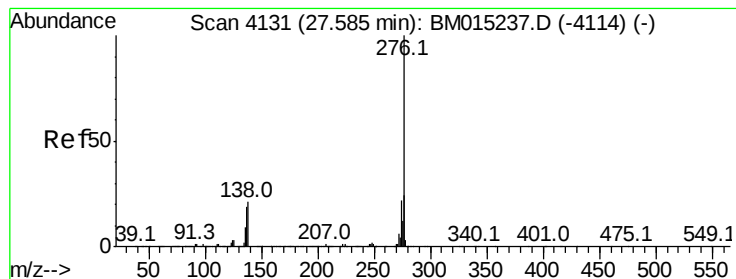
Acq: 23 May 2018 02:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 278   | Resp: | 249177 |
| Ion      | Ratio | Lower | Upper  |
| 278      | 100   |       |        |
| 139      | 15.2  | 13.4  | 20.0   |
| 279      | 22.9  | 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: 4.583 ng

RT: 27.56 min Scan# 4127

Delta R.T. -0.01 min

Lab File: BM015258.D

Acq: 23 May 2018 02:07

Instrument :

BNA\_M

ClientSampleId :

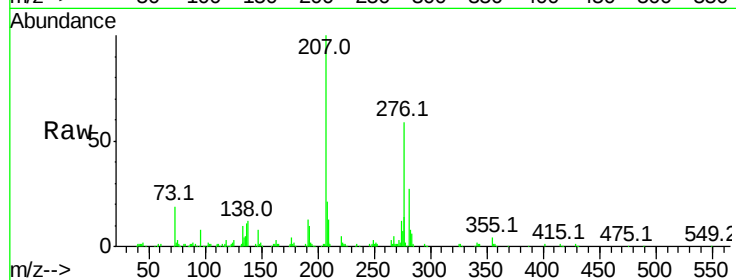
Tot Ion:276 Resp: 239507

Ion Ratio Lower Upper

276 100

277 23.3 18.5 27.7

138 20.6 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

