

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102918\  
 Data File : BM017402.D  
 Acq On : 29 Oct 2018 11:23  
 Operator : MJ/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Oct 29 15:06:25 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 17 14:23:17 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.65  | 152  | 256790   | 20.00 | ng    | -0.03    |
| 21) Naphthalene-d8        | 10.42 | 136  | 1202063  | 20.00 | ng    | -0.03    |
| 39) Acenaphthene-d10      | 14.29 | 164  | 720049   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 17.05 | 188  | 1704620  | 20.00 | ng    | -0.02    |
| 76) Chrysene-d12          | 21.24 | 240  | 1935375  | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 23.45 | 264  | 1699757  | 20.00 | ng    | -0.03    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.26  | 112  | 1188409  | 78.27 | ng    | -0.02    |
| 7) Phenol-d6                | 6.83  | 99   | 1734799  | 83.90 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 8.80  | 82   | 1732833  | 84.31 | ng    | -0.03    |
| 42) 2,4,6-Tribromophenol    | 15.79 | 330  | 870777   | 89.42 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 12.90 | 172  | 4263938  | 78.79 | ng    | -0.03    |
| 79) Terphenyl-d14           | 19.69 | 244  | 7054317  | 82.16 | ng    | -0.02    |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.25  | 88   | 255361   | 32.938 | ng    | # 88   |
| 3) Pyridine                    | 3.63  | 79   | 680298   | 38.136 | ng    | 88     |
| 4) n-Nitrosodimethylamine      | 3.55  | 42   | 263237   | 36.758 | ng    | # 73   |
| 6) Aniline                     | 6.99  | 93   | 1082607  | 41.858 | ng    | 98     |
| 8) 2-Chlorophenol              | 7.22  | 128  | 739078   | 42.078 | ng    | 98     |
| 9) Benzaldehyde                | 6.80  | 77   | 483100   | 36.641 | ng    | 96     |
| 10) Phenol                     | 6.86  | 94   | 908833   | 40.838 | ng    | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.09  | 93   | 706632   | 39.831 | ng    | 98     |
| 12) 1,3-Dichlorobenzene        | 7.53  | 146  | 802384   | 39.188 | ng    | 98     |
| 13) 1,4-Dichlorobenzene        | 7.68  | 146  | 825174   | 39.446 | ng    | 97     |
| 14) 1,2-Dichlorobenzene        | 7.99  | 146  | 800319   | 39.708 | ng    | 99     |
| 15) Benzyl Alcohol             | 7.89  | 79   | 682429   | 45.151 | ng    | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.18  | 45   | 944316   | 38.100 | ng    | 98     |
| 17) 2-Methylphenol             | 8.09  | 107  | 619309   | 43.356 | ng    | 98     |
| 18) Hexachloroethane           | 8.71  | 117  | 286999   | 40.089 | ng    | 99     |
| 19) n-Nitroso-di-n-propylamine | 8.46  | 70   | 595053   | 43.704 | ng    | 97     |
| 20) 3+4-Methylphenols          | 8.42  | 107  | 870922   | 44.578 | ng    | 99     |
| 22) Acetophenone               | 8.47  | 105  | 1171048  | 38.432 | ng    | # 100  |
| 24) Nitrobenzene               | 8.85  | 77   | 870366   | 40.034 | ng    | 96     |
| 25) Isophorone                 | 9.37  | 82   | 1411111  | 41.578 | ng    | 99     |
| 26) 2-Nitrophenol              | 9.55  | 139  | 444376   | 44.188 | ng    | 98     |
| 27) 2,4-Dimethylphenol         | 9.61  | 122  | 634211   | 42.260 | ng    | 98     |
| 28) bis(2-Chloroethoxy)methane | 9.85  | 93   | 958855   | 40.140 | ng    | 100    |
| 29) 2,4-Dichlorophenol         | 10.07 | 162  | 746342   | 42.833 | ng    | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.29 | 180  | 822393   | 39.344 | ng    | 99     |
| 31) Naphthalene                | 10.47 | 128  | 2297866  | 39.008 | ng    | 99     |
| 32) Benzoic acid               | 9.77  | 122  | 555589   | 49.617 | ng    | 91     |
| 33) 4-Chloroaniline            | 10.59 | 127  | 1072253  | 42.145 | ng    | 98     |
| 34) Hexachlorobutadiene        | 10.75 | 225  | 503688   | 38.031 | ng    | 97     |
| 35) Caprolactam                | 11.40 | 113  | 283818   | 44.695 | ng    | 92     |
| 36) 4-Chloro-3-methylphenol    | 11.72 | 107  | 853472   | 43.454 | ng    | 97     |
| 37) 2-Methylnaphthalene        | 12.09 | 142  | 1664744  | 41.297 | ng    | 99     |
| 38) 1-Methylnaphthalene        | 12.31 | 142  | 1629108  | 41.523 | ng    | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.46 | 216  | 1005298  | 39.645 | ng    | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102918\  
 Data File : BM017402.D  
 Acq On : 29 Oct 2018 11:23  
 Operator : MJ/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

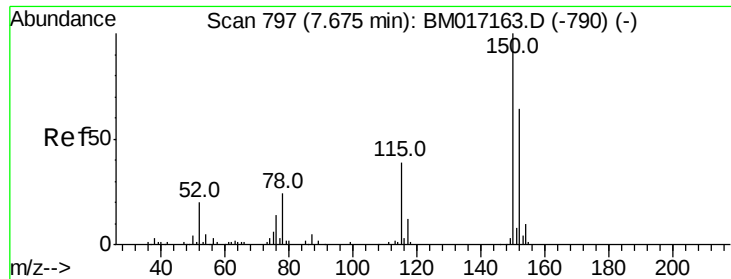
Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Oct 29 15:06:25 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 17 14:23:17 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.44 | 237  | 459370   | 37.473 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 12.71 | 196  | 650395   | 44.184 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 12.79 | 196  | 682807   | 43.257 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.12 | 154  | 2532463  | 39.083 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.16 | 162  | 1888577  | 39.618 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.37 | 65   | 570427   | 43.025 | ng    | 94       |
| 49) Acenaphthylene             | 14.01 | 152  | 2872840  | 41.577 | ng    | 100      |
| 50) Dimethylphthalate          | 13.76 | 163  | 2311138  | 41.603 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 13.88 | 165  | 529908   | 43.340 | ng    | 98       |
| 52) Acenaphthene               | 14.36 | 154  | 1737152  | 40.041 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.22 | 138  | 585070   | 44.182 | ng    | 98       |
| 54) 2,4-Dinitrophenol          | 14.42 | 184  | 277230   | 42.902 | ng    | 97       |
| 55) Dibenzofuran               | 14.69 | 168  | 2835140  | 39.297 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.53 | 139  | 445437   | 39.449 | ng    | 98       |
| 57) 2,4-Dinitrotoluene         | 14.67 | 165  | 745714   | 45.378 | ng    | 99       |
| 58) Fluorene                   | 15.35 | 166  | 2184899  | 40.915 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.92 | 232  | 639725   | 44.461 | ng    | 100      |
| 60) Diethylphthalate           | 15.13 | 149  | 2365468  | 42.937 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.35 | 204  | 1232333  | 40.479 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.39 | 138  | 617751   | 42.415 | ng    | 99       |
| 63) Azobenzene                 | 15.64 | 77   | 2176767  | 40.651 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.44 | 198  | 465740   | 43.343 | ng    | 99       |
| 66) n-Nitrosodiphenylamine     | 15.56 | 169  | 2108520  | 40.884 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.24 | 248  | 781151   | 41.735 | ng    | 96       |
| 68) Hexachlorobenzene          | 16.35 | 284  | 866191   | 39.840 | ng    | 98       |
| 69) Atrazine                   | 16.53 | 200  | 748654   | 40.559 | ng    | 98       |
| 70) Pentachlorophenol          | 16.70 | 266  | 632917   | 42.496 | ng    | 99       |
| 71) Phenanthrene               | 17.09 | 178  | 3586367  | 38.995 | ng    | 100      |
| 72) Anthracene                 | 17.18 | 178  | 3590506  | 41.087 | ng    | 100      |
| 73) Carbazole                  | 17.46 | 167  | 3706298  | 41.519 | ng    | 100      |
| 74) Di-n-butylphthalate        | 18.02 | 149  | 4087767  | 43.417 | ng    | 99       |
| 75) Fluoranthene               | 19.11 | 202  | 4299755  | 41.547 | ng    | 99       |
| 77) Benzidine                  | 19.30 | 184  | 2018623  | 41.134 | ng    | 99       |
| 78) Pyrene                     | 19.47 | 202  | 4510047  | 41.694 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.39 | 149  | 1928953  | 47.033 | ng    | 96       |
| 81) Benzo(a)anthracene         | 21.23 | 228  | 4391129  | 40.318 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.17 | 252  | 1759240  | 43.340 | ng    | 100      |
| 83) Chrysene                   | 21.28 | 228  | 4261482  | 39.531 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.16 | 149  | 2674850  | 43.084 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.04 | 149  | 4680200  | 44.346 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 25.66 | 276  | 3492876  | 28.969 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 22.79 | 252  | 3882308  | 41.776 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 22.83 | 252  | 4011828  | 43.022 | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.36 | 252  | 3597981  | 40.777 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.67 | 278  | 3040425  | 34.702 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 26.33 | 276  | 2692240  | 31.003 | ng    | 100      |

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



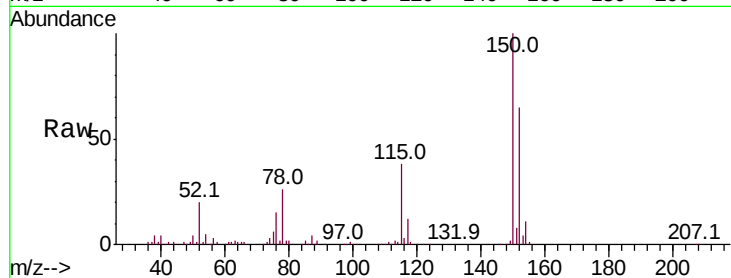


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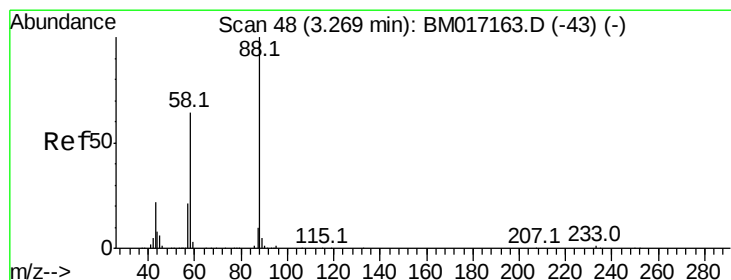
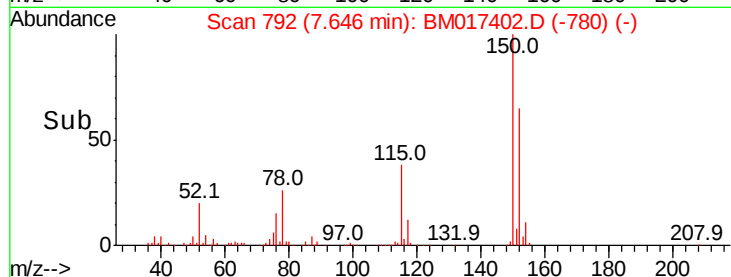
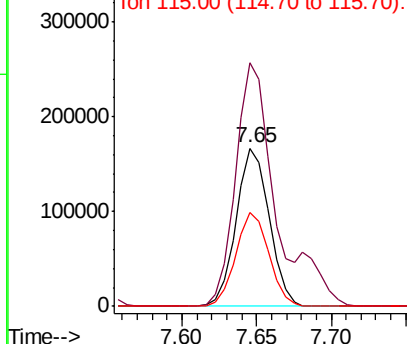
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.65 min Scan# 792  
Delta R.T. -0.03 min  
Lab File: BM017402.D  
Acq: 29 Oct 2018 11:23

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:152 Resp: 256790  
Ion Ratio Lower Upper  
152 100  
150 154.2 124.3 186.5  
115 59.1 48.1 72.1



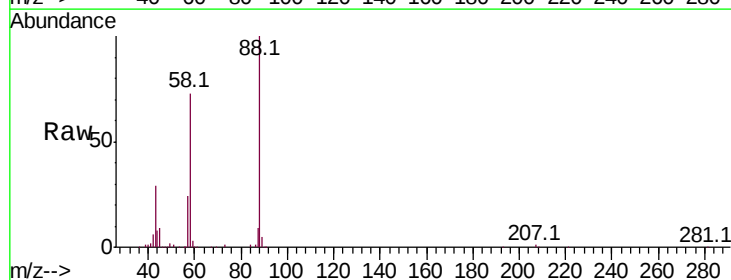
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



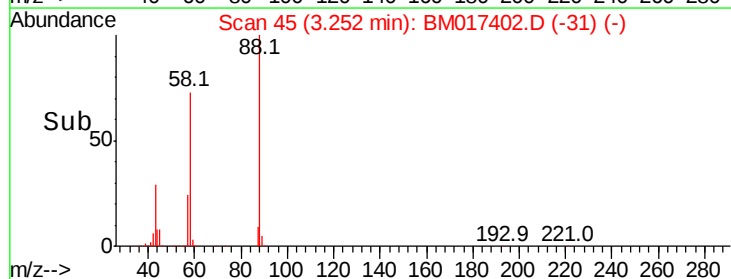
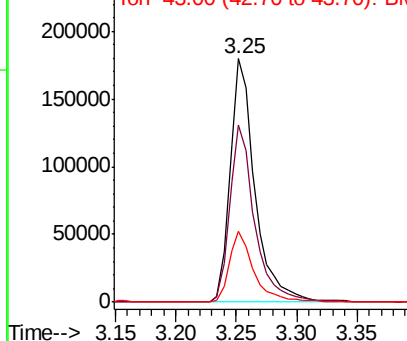
#2

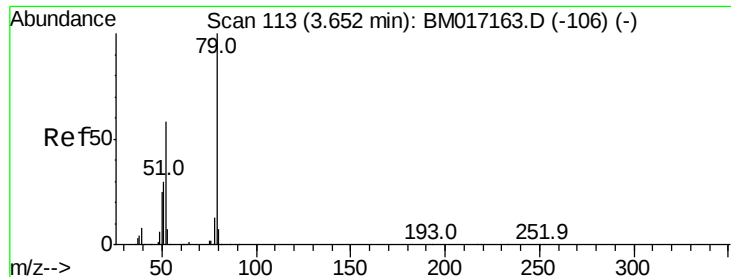
1,4-Dioxane  
Concen: 32.938 ng  
RT: 3.25 min Scan# 45  
Delta R.T. -0.02 min  
Lab File: BM017402.D  
Acq: 29 Oct 2018 11:23

Tgt Ion: 88 Resp: 255361  
Ion Ratio Lower Upper  
88 100  
58 73.1 50.2 75.4  
43 29.3 19.3 28.9#



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: 38.136 ng

RT: 3.63 min Scan# 110

Delta R.T. -0.02 min

Lab File: BM017402.D

Acq: 29 Oct 2018 11:23

Instrument :

BNA\_M

ClientSampleId :

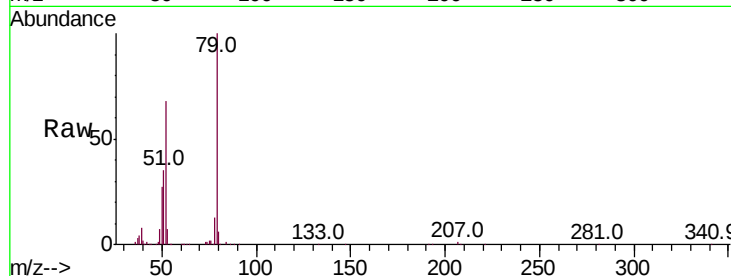
Tot Ion: 79 Resp: 680298

Ion Ratio Lower Upper

79 100

52 68.4 46.5 69.7

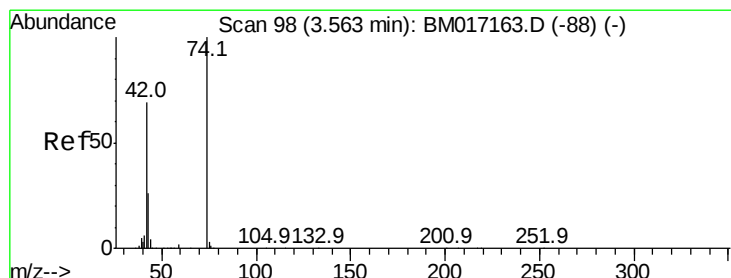
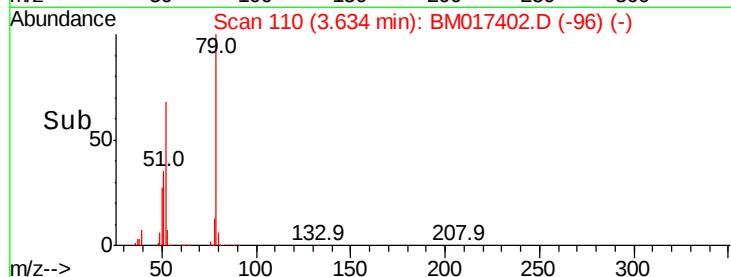
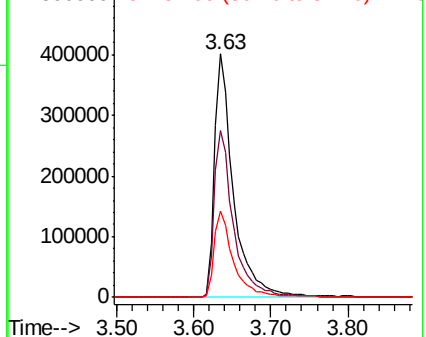
51 35.2 24.6 37.0



Abundance Ion 79.00 (78.70 to 79.70): BM017163.D (-106) (-)

Ion 52.00 (51.70 to 52.70): BM017163.D (-106) (-)

Ion 51.00 (50.70 to 51.70): BM017163.D (-106) (-)



#4

n-Nitrosodimethylamine

Concen: 36.758 ng

RT: 3.55 min Scan# 96

Delta R.T. -0.01 min

Lab File: BM017402.D

Acq: 29 Oct 2018 11:23

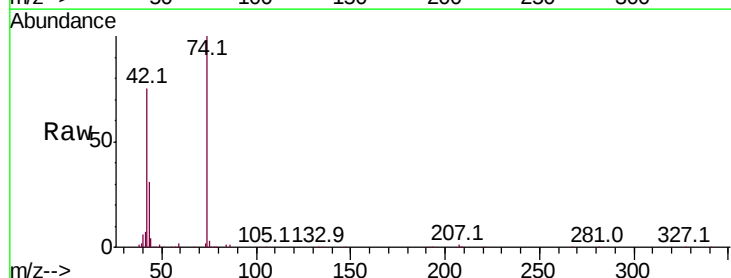
Tgt Ion: 42 Resp: 263237

Ion Ratio Lower Upper

42 100

74 133.5 114.4 171.6

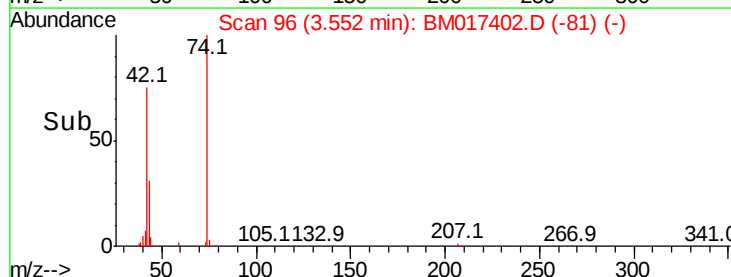
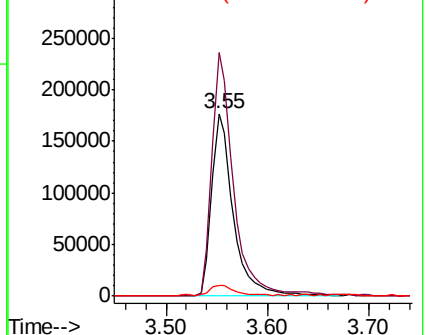
44 5.9 48.6 73.0#

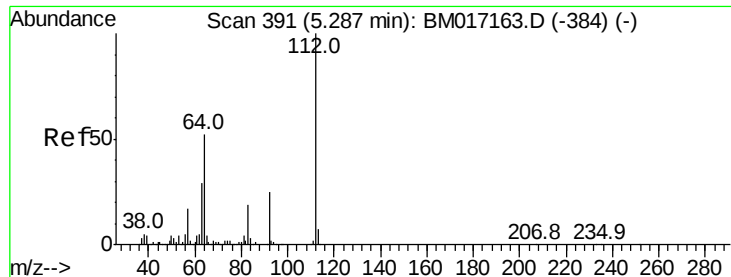


Abundance Ion 42.00 (41.70 to 42.70): BM017163.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BM017163.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BM017163.D (-88) (-)





#5

2-Fluorophenol

Concen: 78.274 ng

RT: 5.26 min Scan# 387

Delta R.T. -0.02 min

Lab File: BM017402.D

Acq: 29 Oct 2018 11:23

Instrument :

BNA\_M

ClientSampleId :

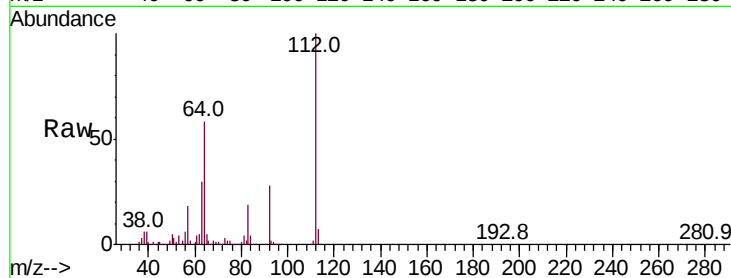
Tot Ion:112 Resp: 1188409

Ion Ratio Lower Upper

112 100

64 57.7 41.7 62.5

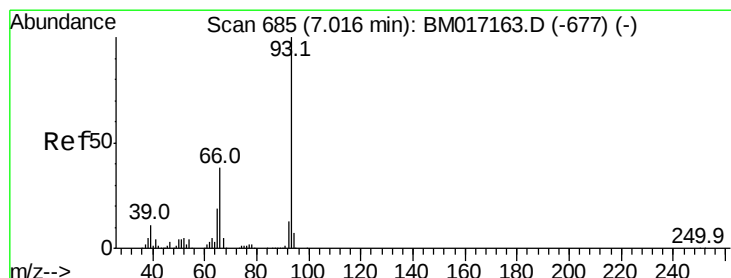
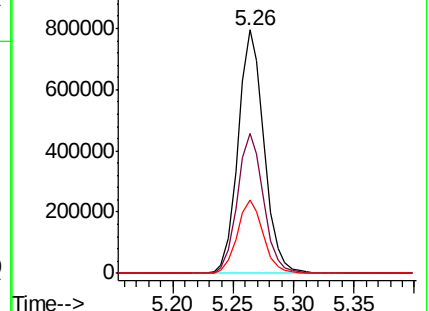
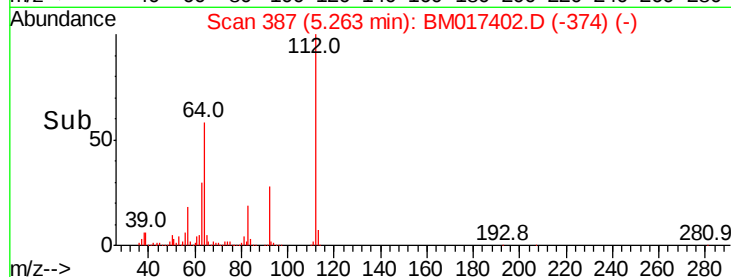
63 30.2 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 41.858 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.02 min

Lab File: BM017402.D

Acq: 29 Oct 2018 11:23

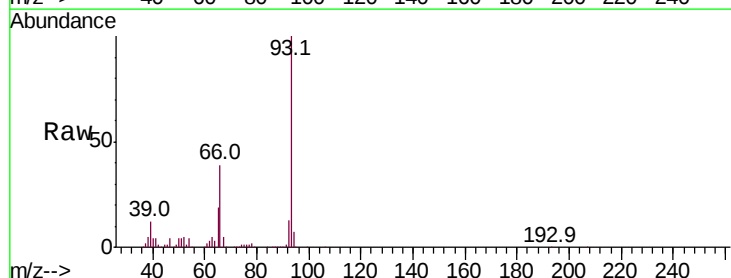
Tgt Ion: 93 Resp: 1082607

Ion Ratio Lower Upper

93 100

66 39.3 30.4 45.6

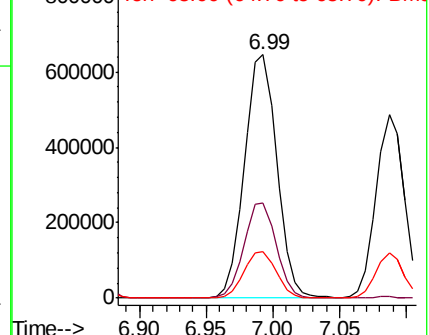
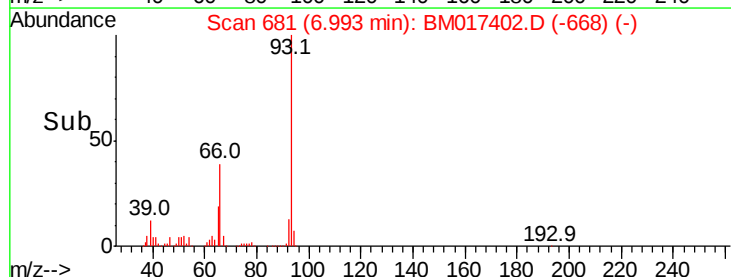
65 19.3 15.3 22.9

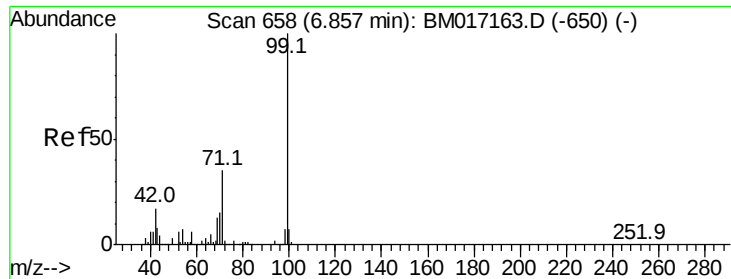


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 83.896 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.02 min

Lab File: BM017402.D

Acq: 29 Oct 2018 11:23

Instrument :

BNA\_M

ClientSampled :

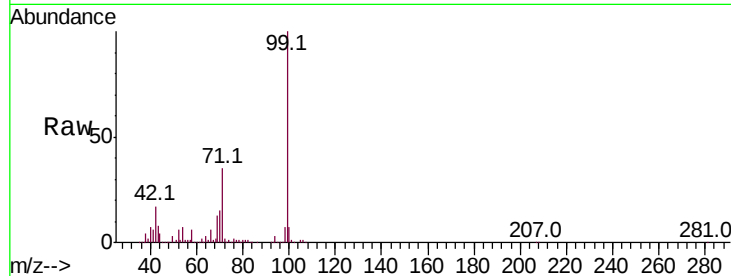
Tot Ion: 99 Resp: 1734799

Ion Ratio Lower Upper

99 100

42 17.1 13.3 19.9

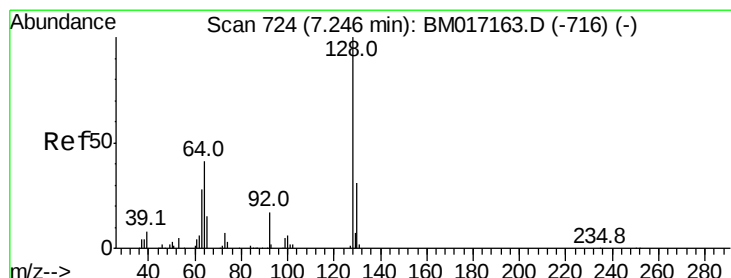
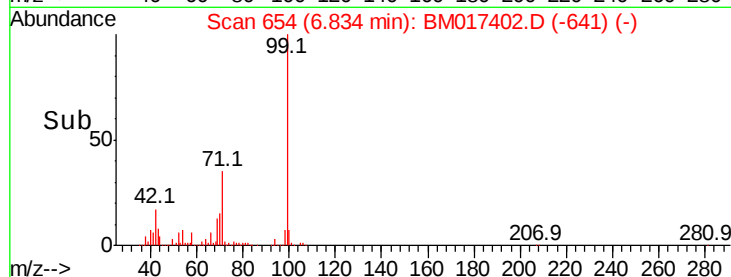
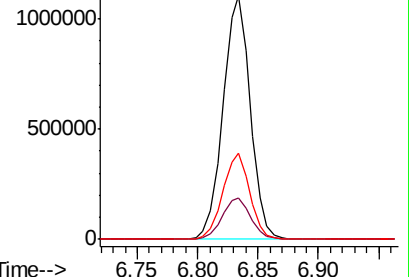
71 35.4 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017402.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017402.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017402.D (-650) (-)



#8

2-Chlorophenol

Concen: 42.078 ng

RT: 7.22 min Scan# 719

Delta R.T. -0.03 min

Lab File: BM017402.D

Acq: 29 Oct 2018 11:23

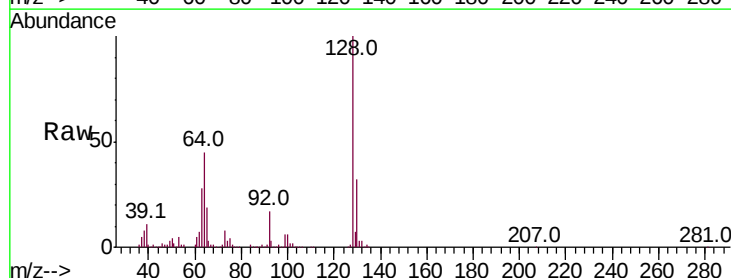
Tgt Ion: 128 Resp: 739078

Ion Ratio Lower Upper

128 100

130 32.0 11.0 51.0

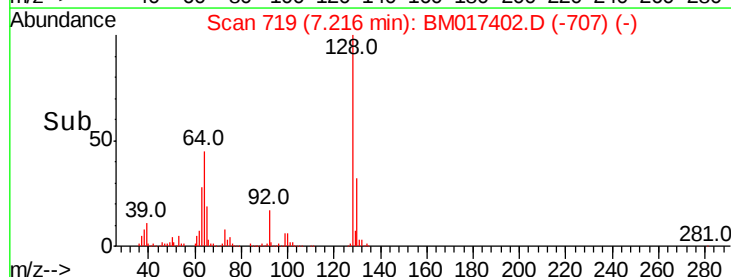
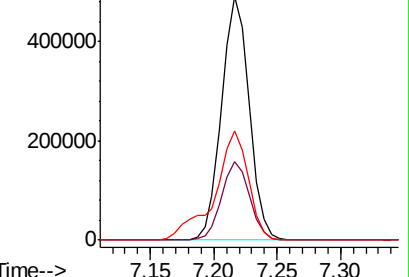
64 45.1 24.1 64.1

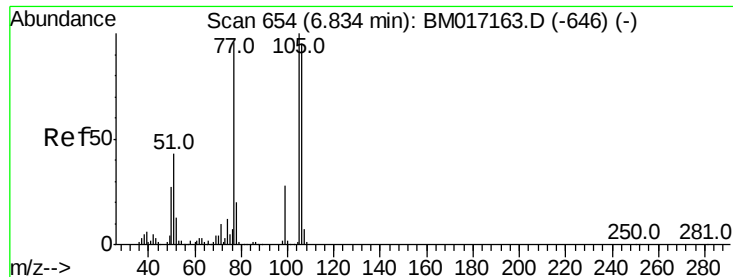


Abundance Ion 128.00 (127.70 to 128.70): BM017402.D (-716) (-)

Ion 130.00 (129.70 to 130.70): BM017402.D (-716) (-)

Ion 64.00 (63.70 to 64.70): BM017402.D (-716) (-)





#9

Benzaldehyde

Concen: 36.641 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.03 min

Lab File: BM017402.D

Acq: 29 Oct 2018 11:23

Instrument :

BNA\_M

ClientSampleId :

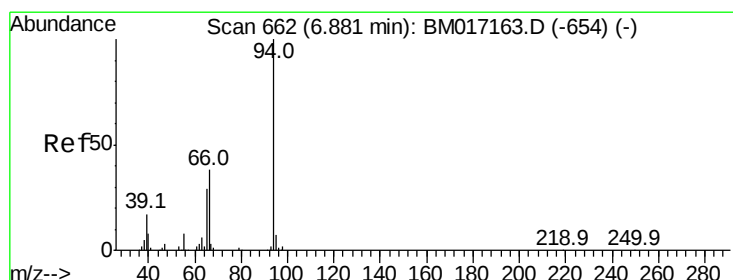
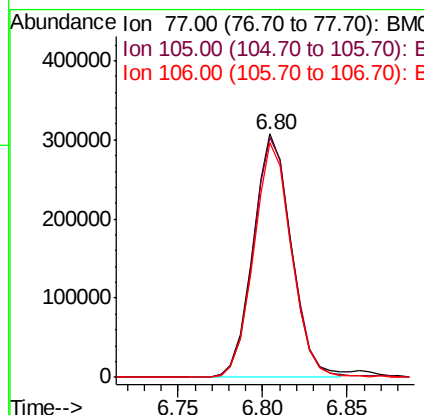
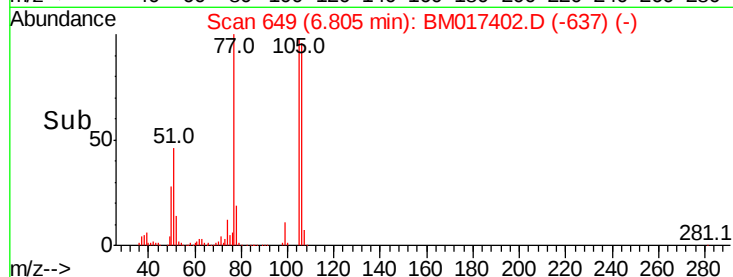
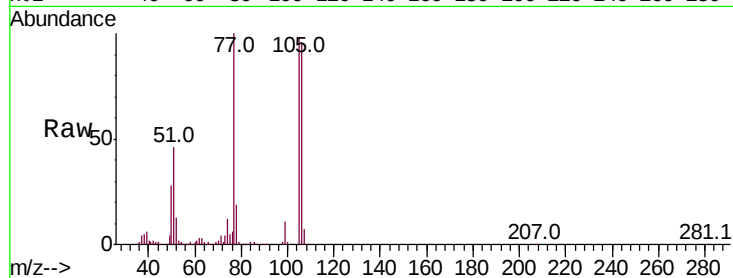
Tot Ion: 77 Resp: 483100

Ion Ratio Lower Upper

77 100

105 98.3 83.9 123.9

106 96.4 78.2 118.2



#10

Phenol

Concen: 40.838 ng

RT: 6.86 min Scan# 658

Delta R.T. -0.02 min

Lab File: BM017402.D

Acq: 29 Oct 2018 11:23

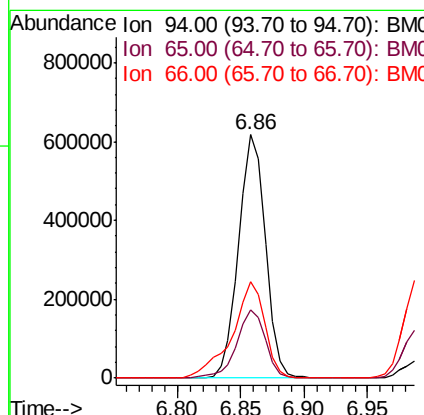
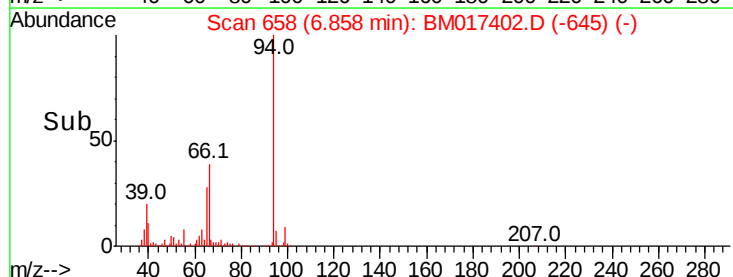
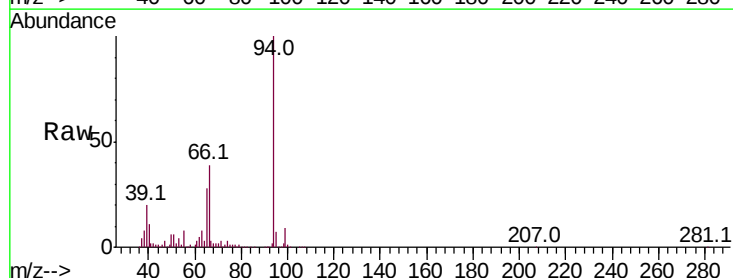
Tgt Ion: 94 Resp: 908833

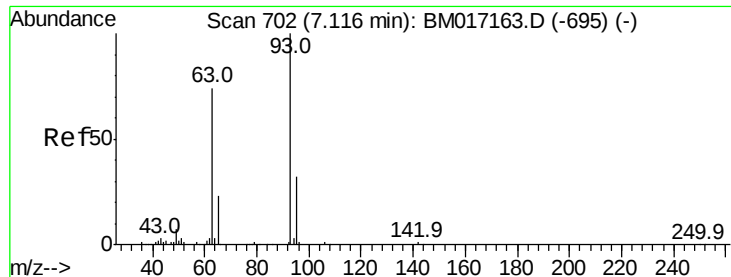
Ion Ratio Lower Upper

94 100

65 28.0 9.4 49.4

66 39.4 19.0 59.0

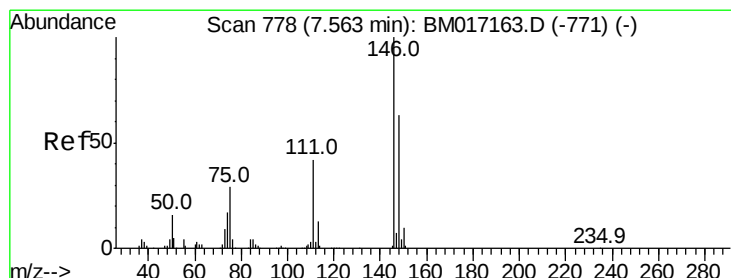
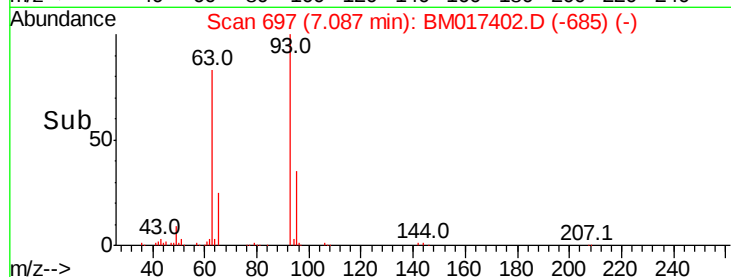
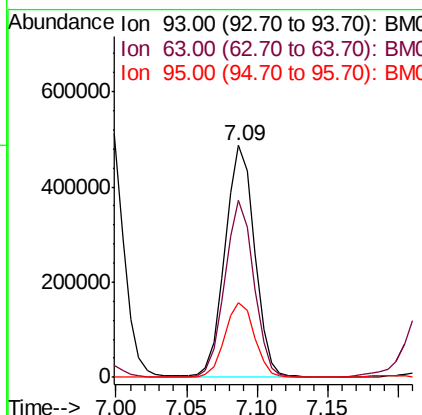
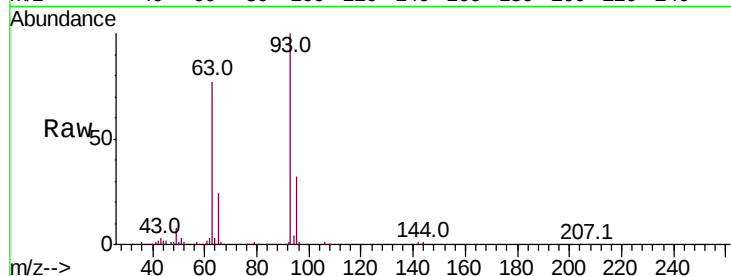




#11  
bis(2-Chloroethyl)ether  
Concen: 39.831 ng  
RT: 7.09 min Scan# 697  
Delta R.T. -0.03 min  
Lab File: BM017402.D  
Acq: 29 Oct 2018 11:23

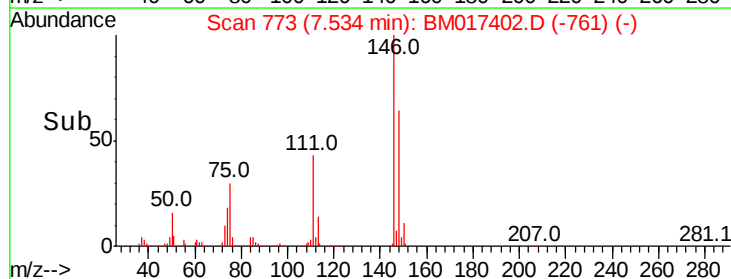
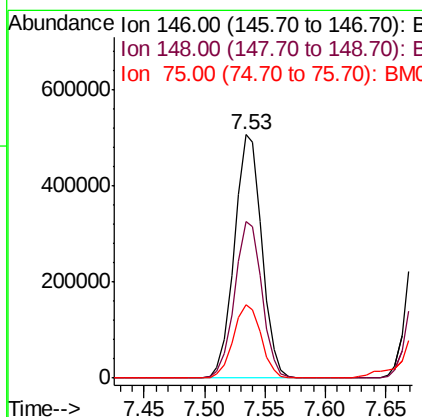
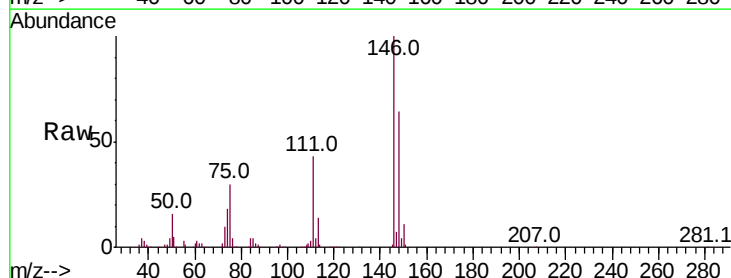
Instrument :  
BNA\_M  
ClientSampleId :

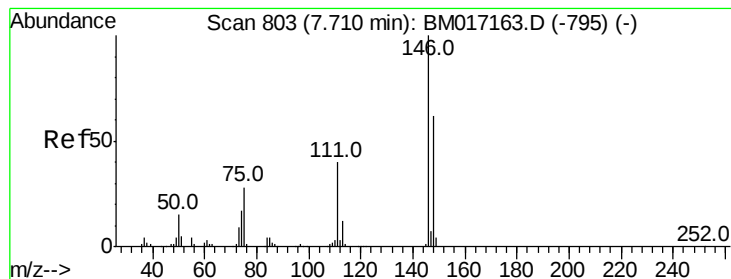
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 76.5  | 54.0  | 94.0  |
| 95      | 32.0  | 11.8  | 51.8  |



#12  
1,3-Dichlorobenzene  
Concen: 39.188 ng  
RT: 7.53 min Scan# 773  
Delta R.T. -0.03 min  
Lab File: BM017402.D  
Acq: 29 Oct 2018 11:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.5  | 50.2  | 75.4  |
| 75      | 30.2  | 23.3  | 34.9  |





#13

1,4-Dichlorobenzene

Concen: 39.446 ng

RT: 7.68 min Scan# 798

Delta R.T. -0.03 min

Lab File: BM017402.D

Acq: 29 Oct 2018 11:23

Instrument :

BNA\_M

ClientSampleId :

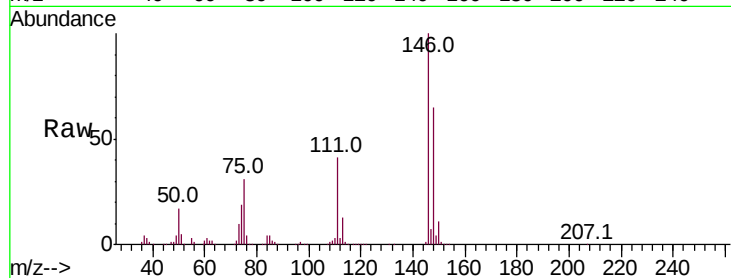
Tot Ion:146 Resp: 825174

Ion Ratio Lower Upper

146 100

148 64.8 49.8 74.6

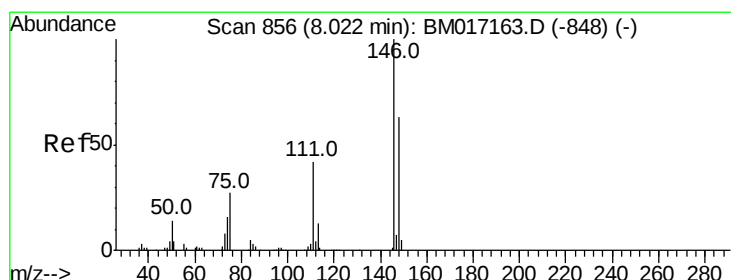
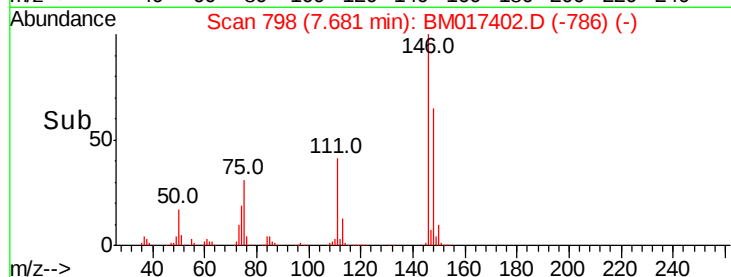
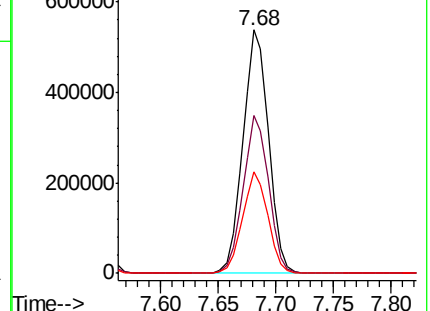
111 41.5 32.1 48.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.708 ng

RT: 7.99 min Scan# 851

Delta R.T. -0.03 min

Lab File: BM017402.D

Acq: 29 Oct 2018 11:23

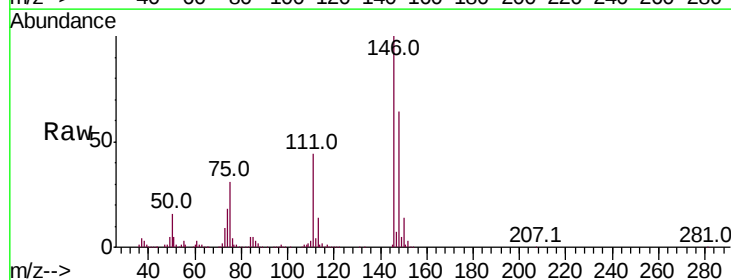
Tgt Ion:146 Resp: 800319

Ion Ratio Lower Upper

146 100

148 63.8 50.8 76.2

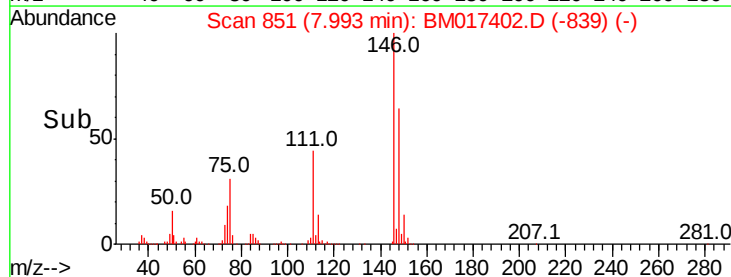
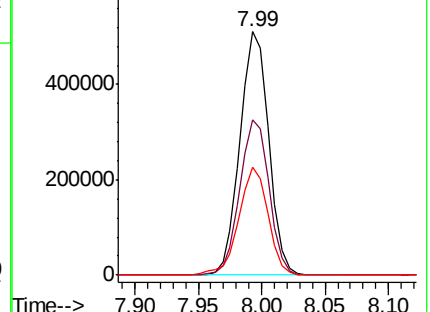
111 44.1 33.8 50.6

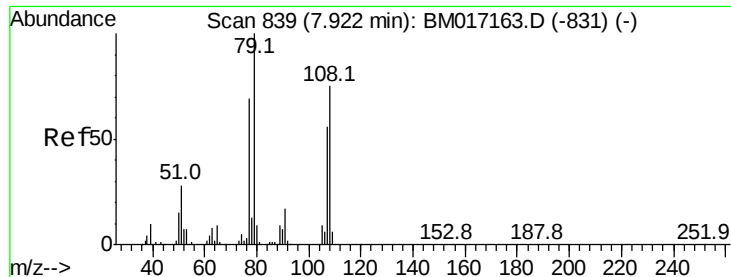


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.151 ng

RT: 7.89 min Scan# 834

Delta R.T. -0.03 min

Lab File: BM017402.D

Acq: 29 Oct 2018 11:23

Instrument :

BNA\_M

ClientSampleId :

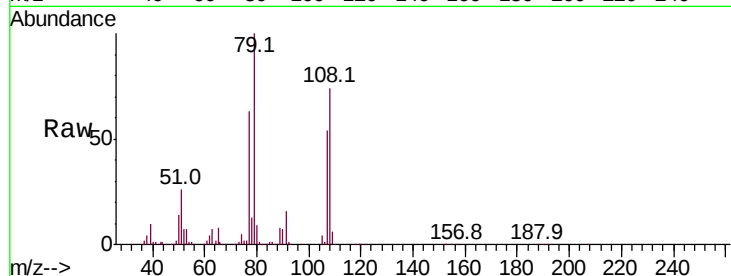
Tot Ion: 79 Resp: 682429

Ion Ratio Lower Upper

79 100

108 74.0 60.3 90.5

77 63.2 54.8 82.2



Abundance Ion 79.00 (78.70 to 79.70): BM017163.D (-831) (-)

Ion 108.00 (107.70 to 108.70): BM017163.D (-831) (-)

Ion 77.00 (76.70 to 77.70): BM017163.D (-831) (-)

7.89

400000

300000

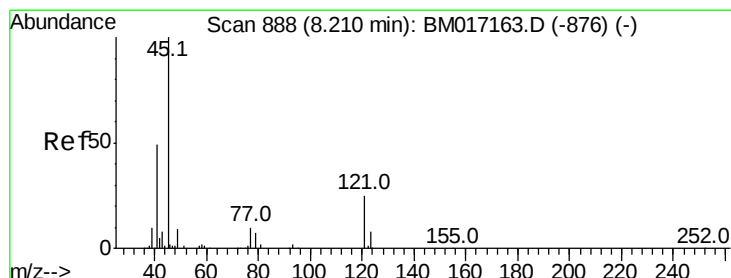
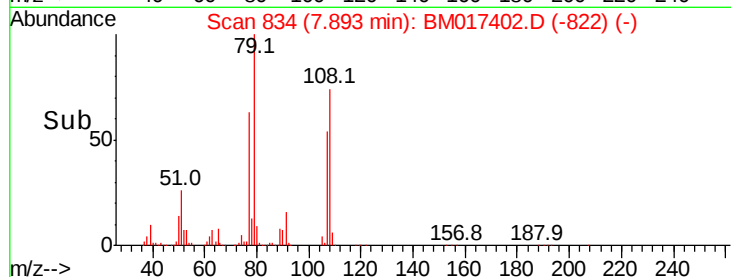
200000

100000

0

7.85 7.90 7.95

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.100 ng

RT: 8.18 min Scan# 882

Delta R.T. -0.04 min

Lab File: BM017402.D

Acq: 29 Oct 2018 11:23

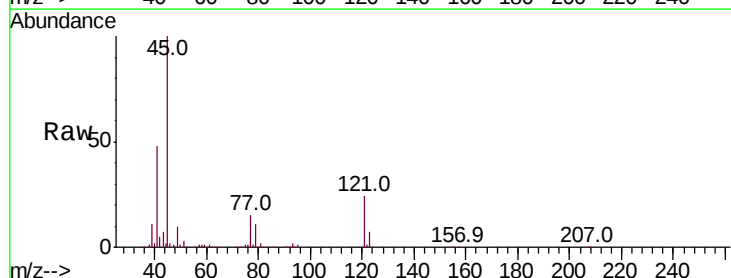
Tgt Ion: 45 Resp: 944316

Ion Ratio Lower Upper

45 100

77 15.0 0.0 35.5

79 11.0 0.0 32.1



Abundance Ion 45.00 (44.70 to 45.70): BM017163.D (-876) (-)

Ion 77.00 (76.70 to 77.70): BM017163.D (-876) (-)

Ion 79.00 (78.70 to 79.70): BM017163.D (-876) (-)

8.18

500000

400000

300000

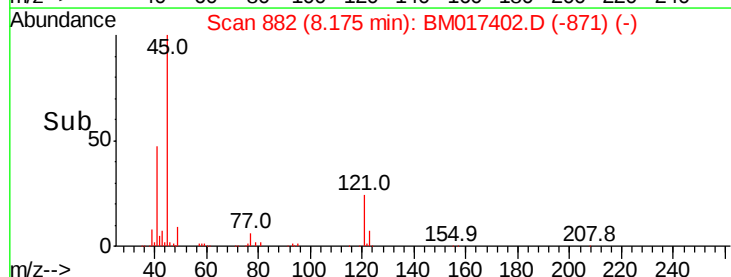
200000

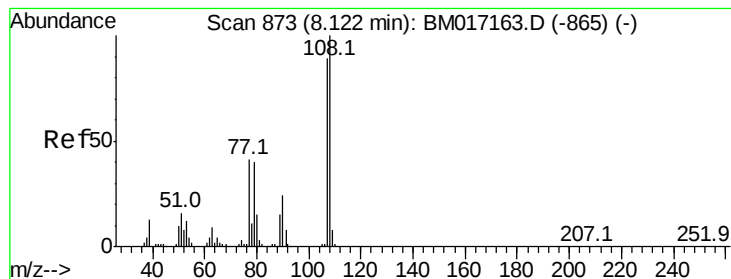
100000

0

8.10 8.20 8.30

Time-->

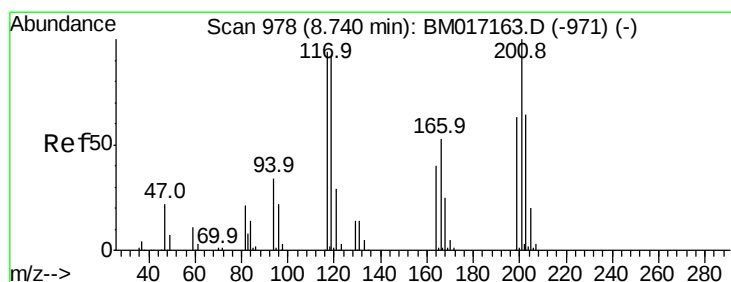
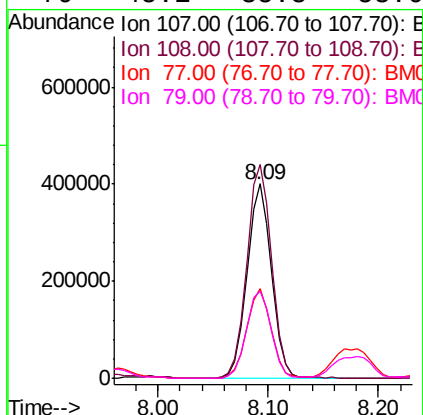
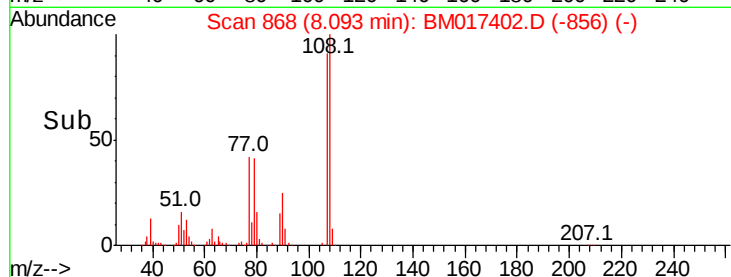
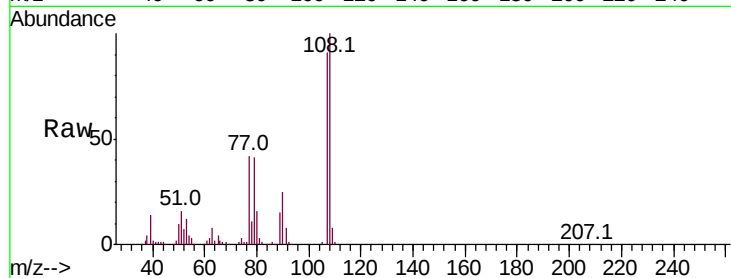




#17  
2-Methylphenol  
Concen: 43.356 ng  
RT: 8.09 min Scan# 868  
Delta R.T. -0.03 min  
Lab File: BM017402.D  
Acq: 29 Oct 2018 11:23

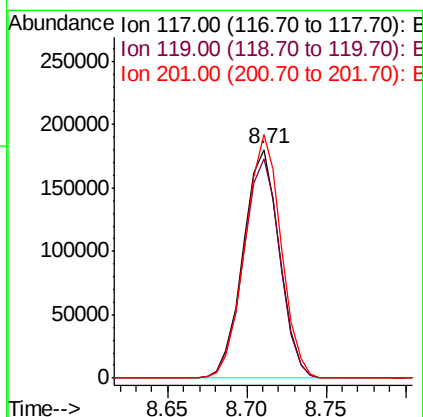
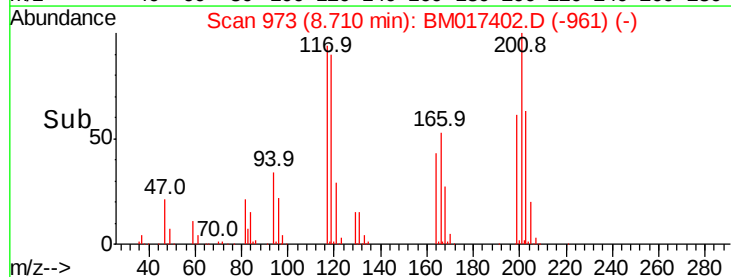
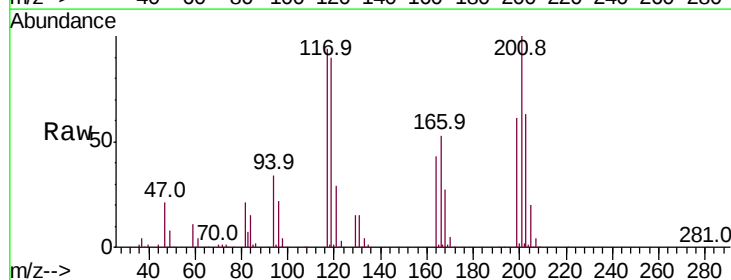
Instrument :  
BNA\_M  
ClientSampleId :

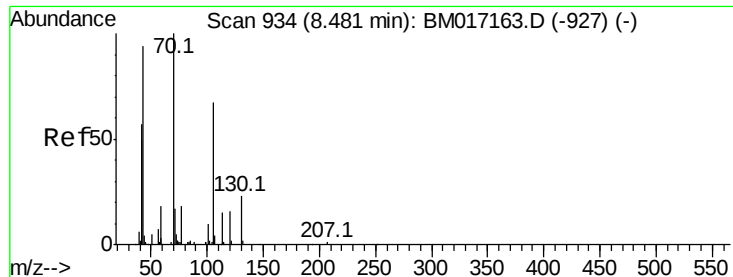
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 619309 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 110.0 | 90.3  | 135.5  |
| 77       | 46.5  | 37.0  | 55.4   |
| 79       | 45.1  | 35.8  | 53.6   |



#18  
Hexachloroethane  
Concen: 40.089 ng  
RT: 8.71 min Scan# 973  
Delta R.T. -0.03 min  
Lab File: BM017402.D  
Acq: 29 Oct 2018 11:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 286999 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.9  | 78.2  | 117.2  |
| 201      | 106.6 | 85.3  | 127.9  |

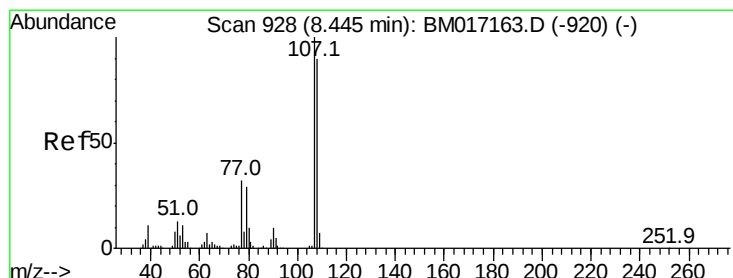
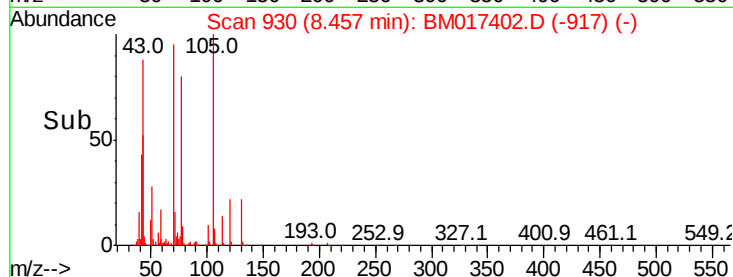
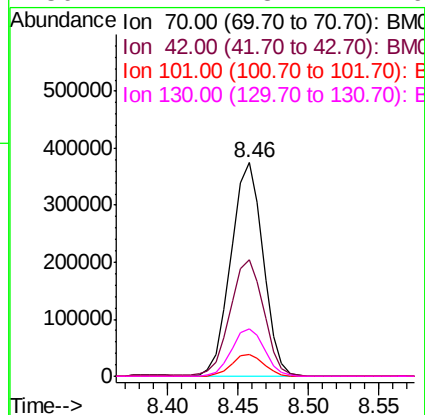
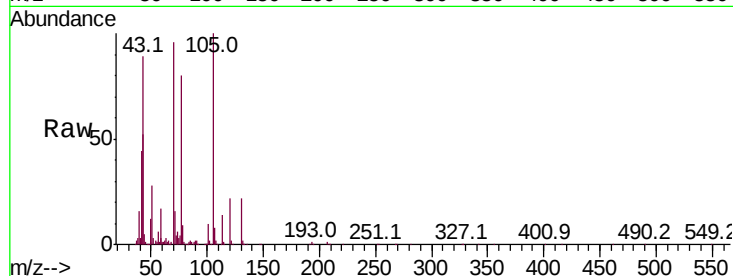




#19  
n-Nitroso-di-n-propylamine  
Concen: 43.704 ng  
RT: 8.46 min Scan# 930  
Delta R.T. -0.02 min  
Lab File: BM017402.D  
Acq: 29 Oct 2018 11:23

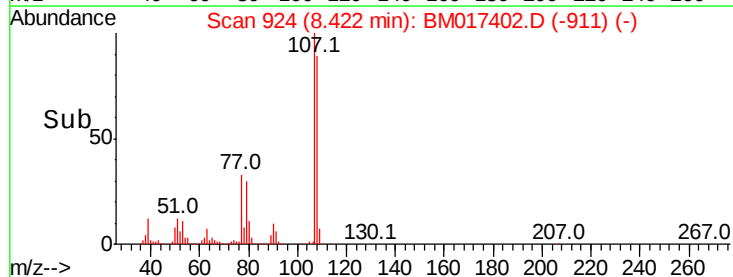
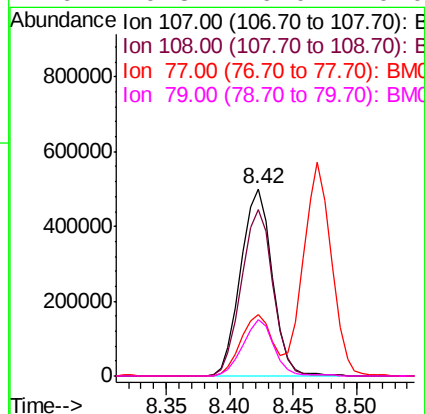
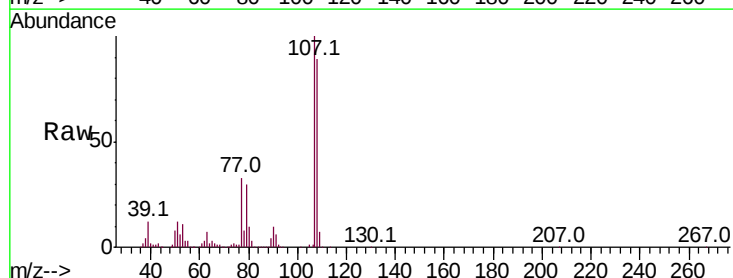
Instrument :  
BNA\_M  
ClientSampled :

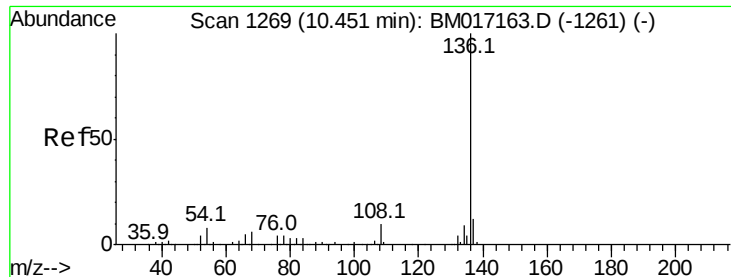
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 595053 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 54.7  | 46.1  | 69.1   |
| 101      | 10.5  | 8.2   | 12.4   |
| 130      | 22.4  | 18.4  | 27.6   |



#20  
3+4-Methylphenols  
Concen: 44.578 ng  
RT: 8.42 min Scan# 924  
Delta R.T. -0.02 min  
Lab File: BM017402.D  
Acq: 29 Oct 2018 11:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 870922 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.8  | 69.9  | 109.9  |
| 77       | 32.9  | 12.2  | 52.2   |
| 79       | 29.8  | 9.0   | 49.0   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1264

Delta R.T. -0.03 min

Lab File: BM017402.D

Acq: 29 Oct 2018 11:23

Instrument :

BNA\_M

ClientSampleId :

Tot Ion:136 Resp: 1202063

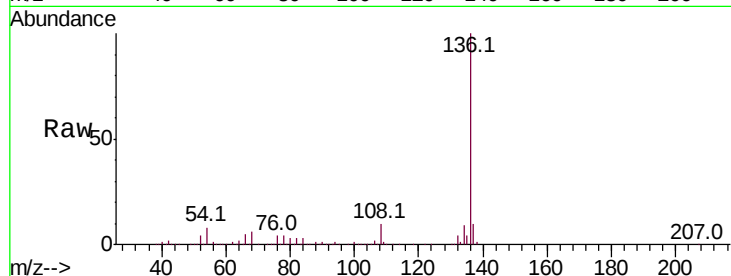
Ion Ratio Lower Upper

136 100

137 10.5 9.2 13.8

54 7.7 6.7 10.1

68 5.7 4.7 7.1

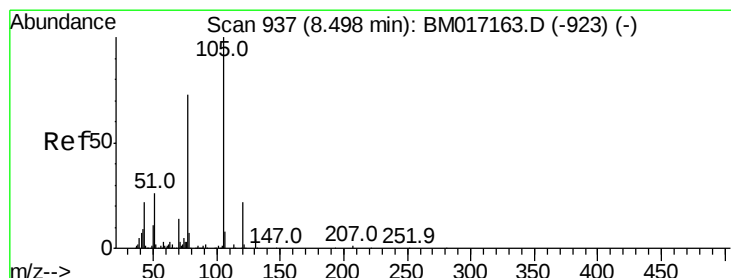
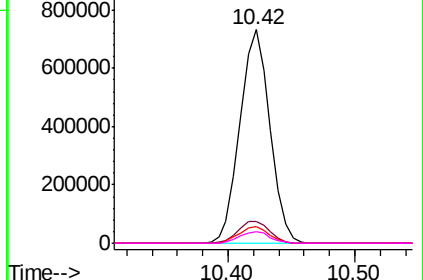
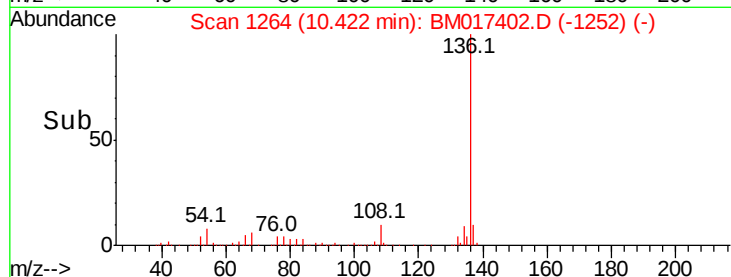


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 38.432 ng

RT: 8.47 min Scan# 932

Delta R.T. -0.03 min

Lab File: BM017402.D

Acq: 29 Oct 2018 11:23

Tgt Ion:105 Resp: 1171048

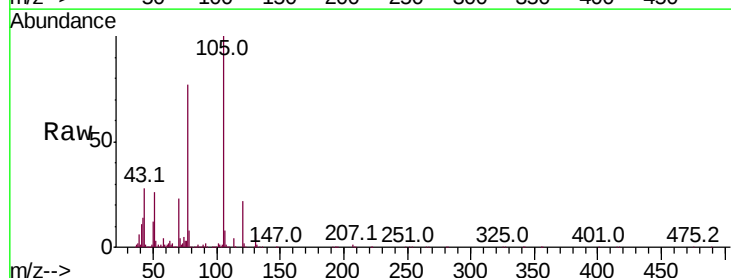
Ion Ratio Lower Upper

105 100

71 3.8 2.0 3.0#

51 25.7 20.6 31.0

120 22.1 17.5 26.3

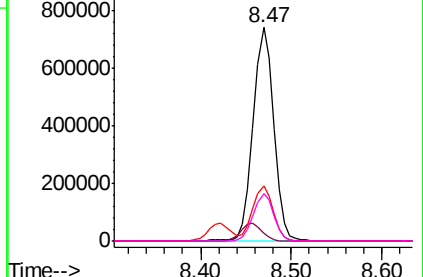
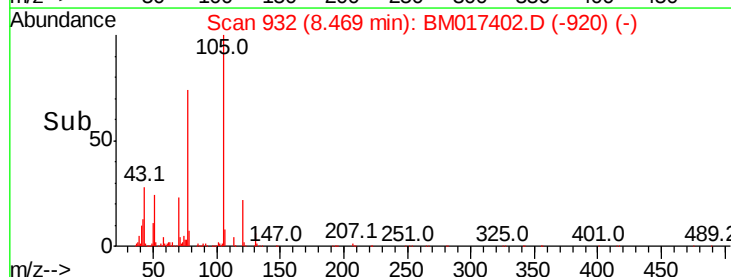


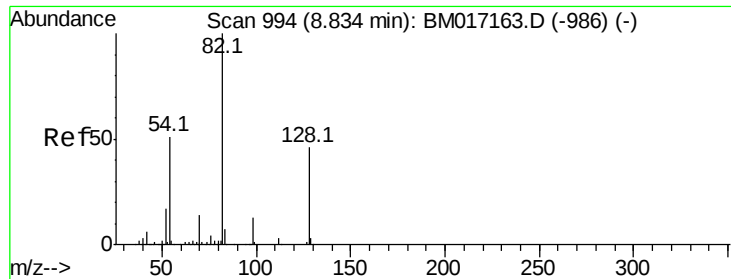
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

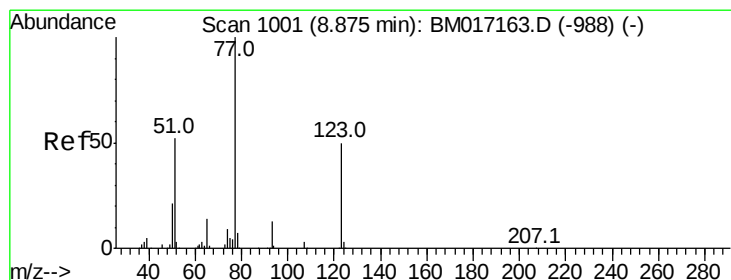
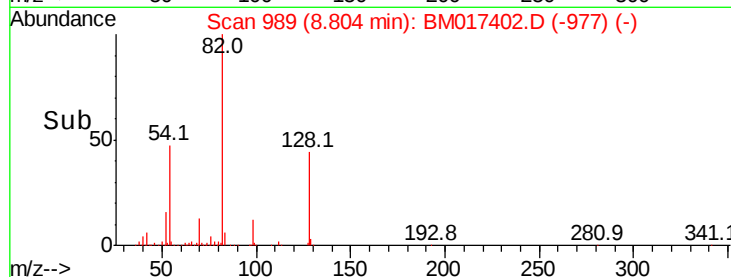
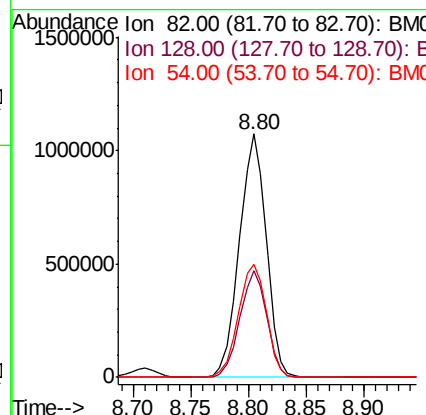
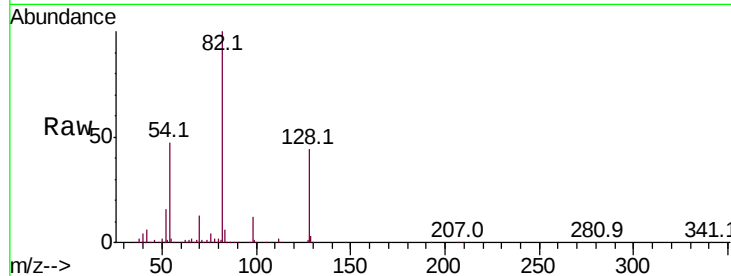




#23  
 Nitrobenzene-d5  
 Concen: 84.310 ng  
 RT: 8.80 min Scan# 989  
 Delta R.T. -0.03 min  
 Lab File: BM017402.D  
 Acq: 29 Oct 2018 11:23

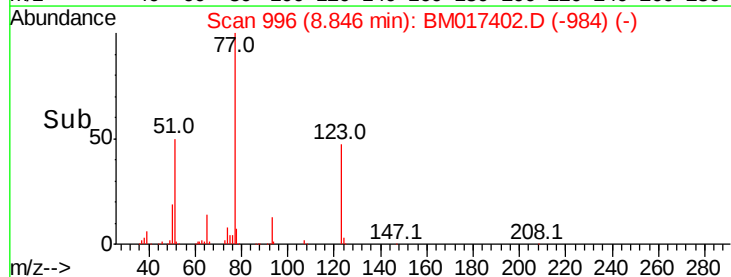
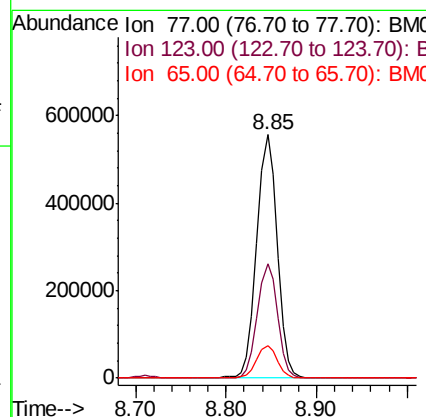
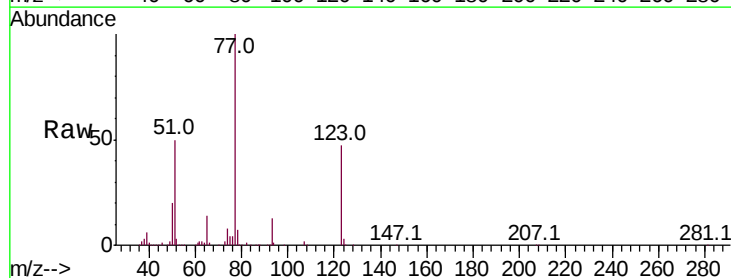
Instrument :  
 BNA\_M  
 ClientSampleId :

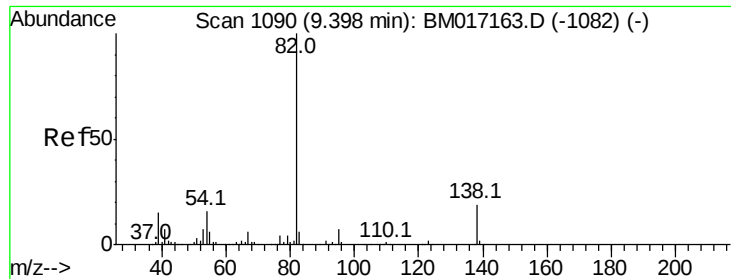
Tot Ion: 82 Resp: 1732833  
 Ion Ratio Lower Upper  
 82 100  
 128 43.8 37.0 55.6  
 54 46.7 40.7 61.1



#24  
 Nitrobenzene  
 Concen: 40.034 ng  
 RT: 8.85 min Scan# 996  
 Delta R.T. -0.03 min  
 Lab File: BM017402.D  
 Acq: 29 Oct 2018 11:23

Tgt Ion: 77 Resp: 870366  
 Ion Ratio Lower Upper  
 77 100  
 123 46.8 40.2 60.4  
 65 13.5 11.4 17.0

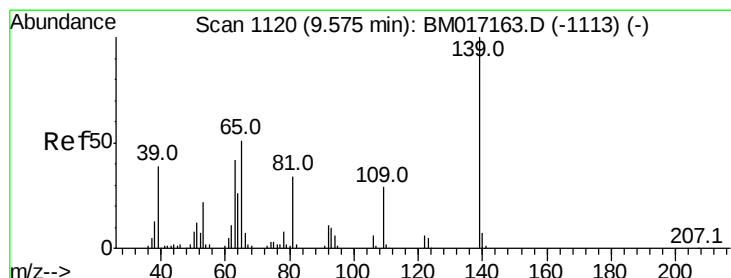
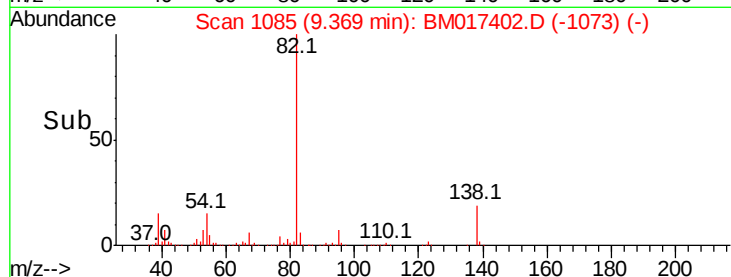
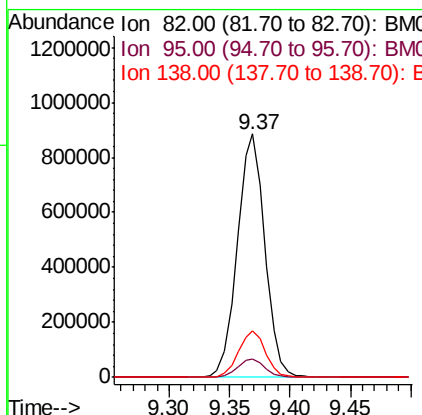
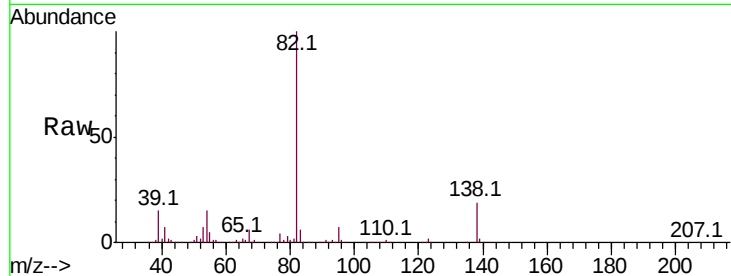




#25  
Isophorone  
Concen: 41.578 ng  
RT: 9.37 min Scan# 1085  
Delta R.T. -0.03 min  
Lab File: BM017402.D  
Acq: 29 Oct 2018 11:23

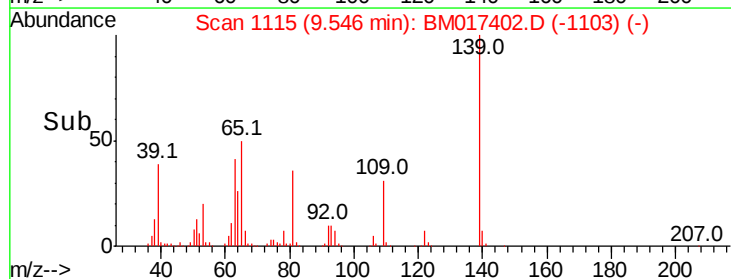
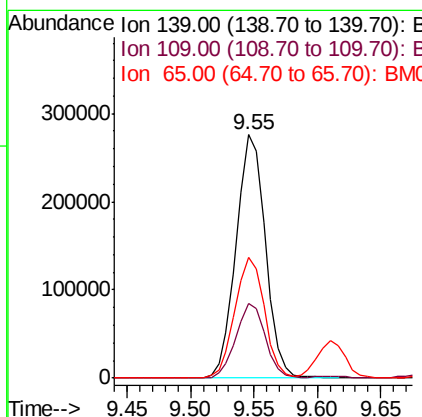
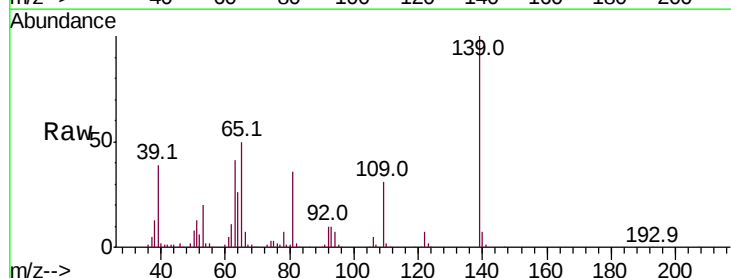
Instrument :  
BNA\_M  
ClientSampled :

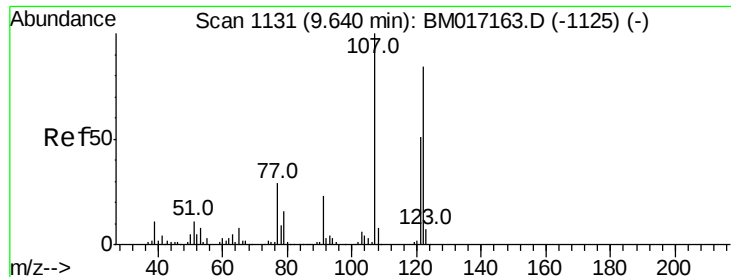
Tot Ion: 82 Resp: 1411111  
Ion Ratio Lower Upper  
82 100  
95 7.5 6.0 9.0  
138 19.0 15.4 23.2



#26  
2-Nitrophenol  
Concen: 44.188 ng  
RT: 9.55 min Scan# 1115  
Delta R.T. -0.03 min  
Lab File: BM017402.D  
Acq: 29 Oct 2018 11:23

Tgt Ion: 139 Resp: 444376  
Ion Ratio Lower Upper  
139 100  
109 30.9 23.2 34.8  
65 49.8 40.6 61.0





#27

2,4-Dimethylphenol

Concen: 42.260 ng

RT: 9.61 min Scan# 1126

Delta R.T. -0.03 min

Lab File: BM017402.D

Acq: 29 Oct 2018 11:23

Instrument :

BNA\_M

ClientSampleId :

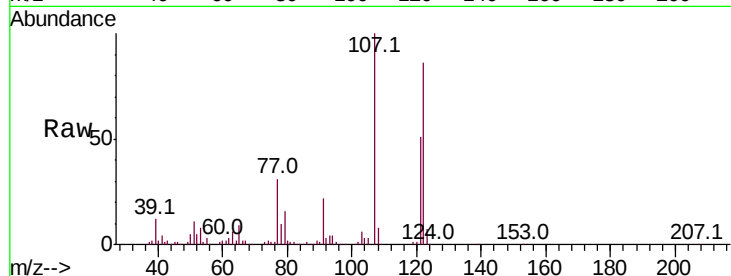
Tot Ion:122 Resp: 634211

Ion Ratio Lower Upper

122 100

107 115.6 95.0 142.6

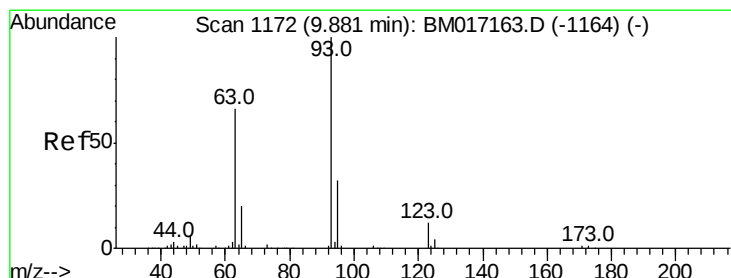
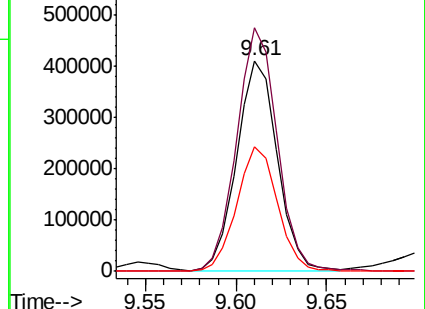
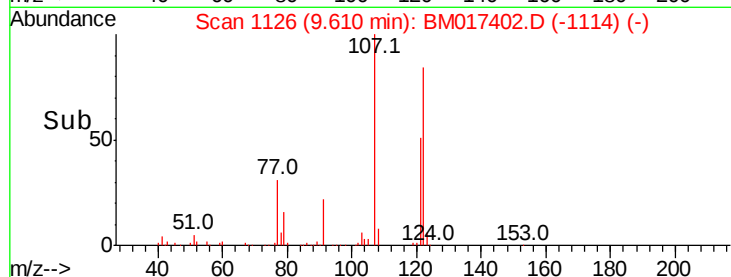
121 59.4 48.2 72.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.140 ng

RT: 9.85 min Scan# 1167

Delta R.T. -0.03 min

Lab File: BM017402.D

Acq: 29 Oct 2018 11:23

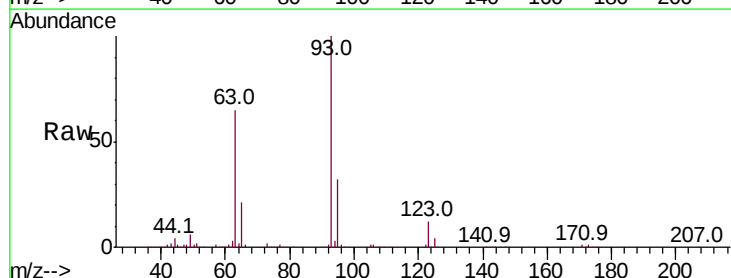
Tgt Ion: 93 Resp: 958855

Ion Ratio Lower Upper

93 100

95 32.3 25.7 38.5

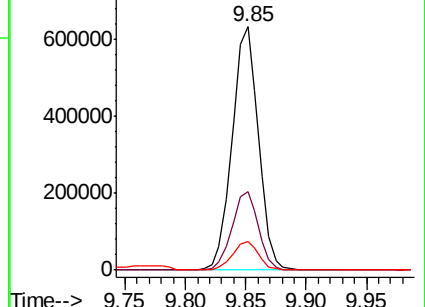
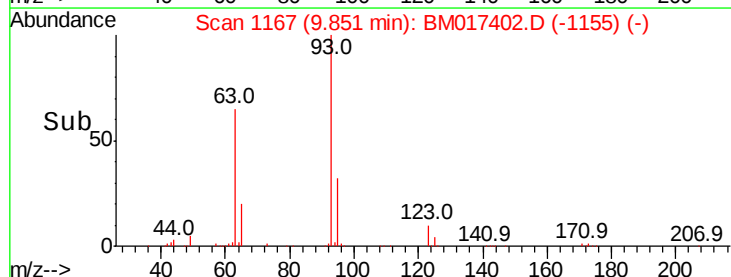
123 11.7 9.4 14.0

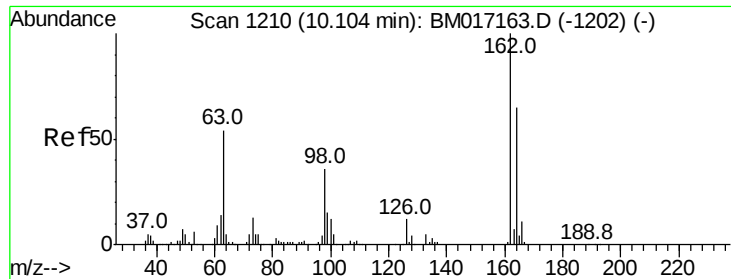


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

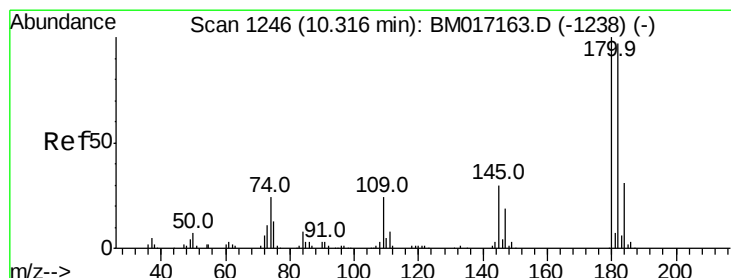
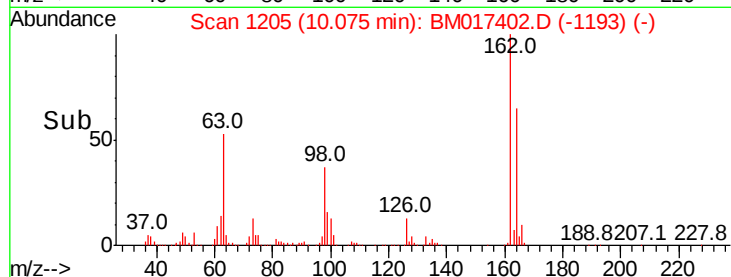
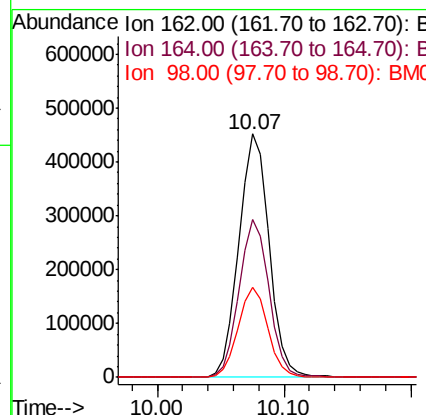
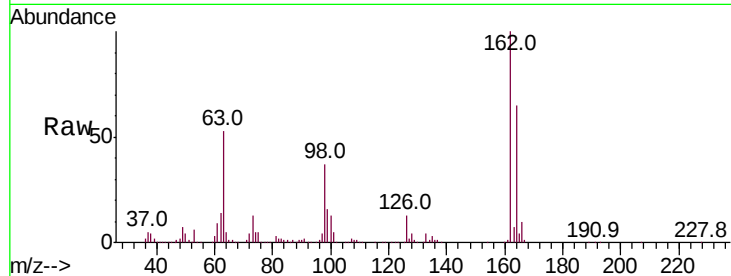




#29  
 2,4-Dichlorophenol  
 Concen: 42.833 ng  
 RT: 10.07 min Scan# 1205  
 Delta R.T. -0.03 min  
 Lab File: BM017402.D  
 Acq: 29 Oct 2018 11:23

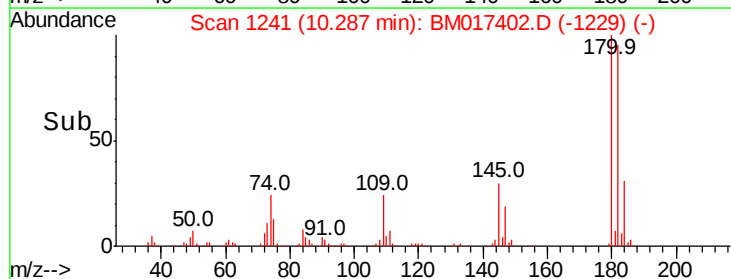
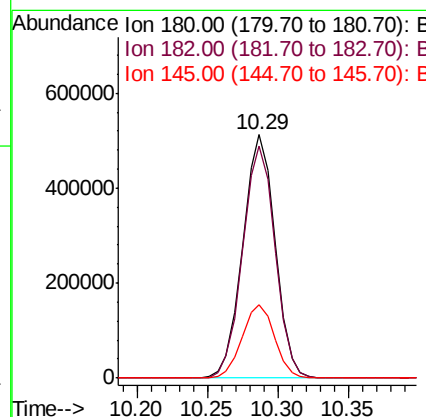
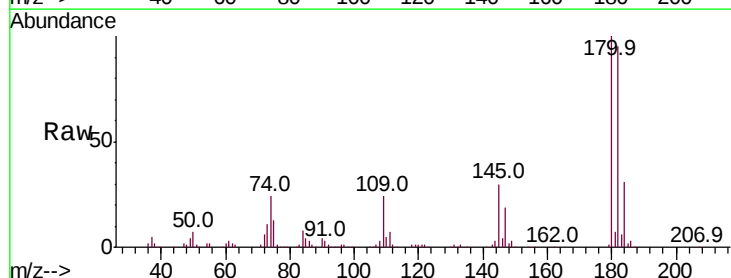
Instrument :  
 BNA\_M  
 ClientSampled :

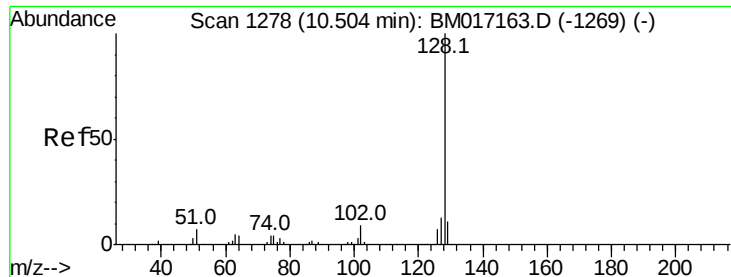
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.7  | 44.9  | 84.9  |
| 98      | 36.8  | 15.8  | 55.8  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.344 ng  
 RT: 10.29 min Scan# 1241  
 Delta R.T. -0.03 min  
 Lab File: BM017402.D  
 Acq: 29 Oct 2018 11:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.4  | 77.5  | 116.3 |
| 145     | 29.9  | 24.0  | 36.0  |

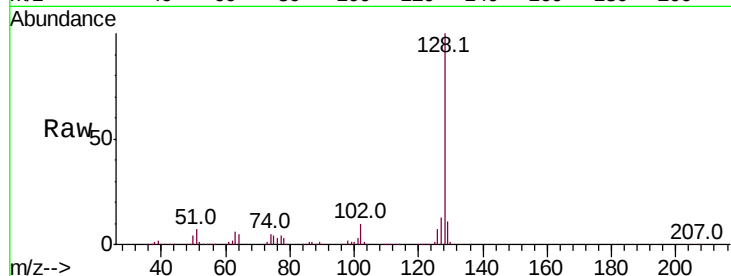




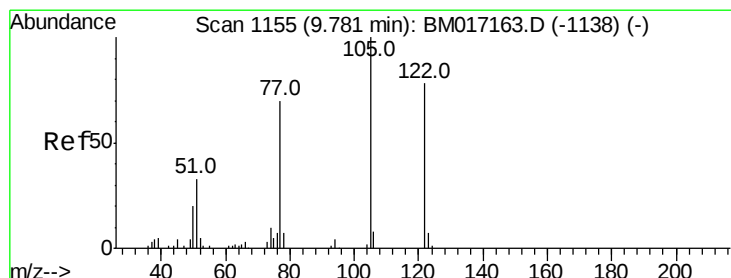
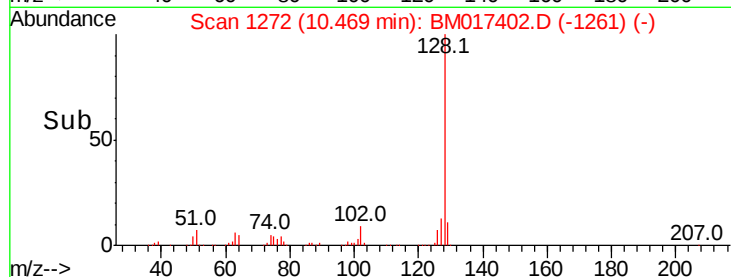
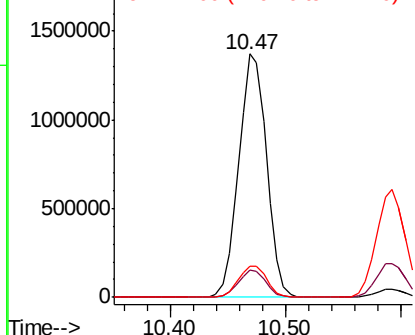
#31  
Naphthalene  
Concen: 39.008 ng  
RT: 10.47 min Scan# 1272  
Delta R.T. -0.04 min  
Lab File: BM017402.D  
Acq: 29 Oct 2018 11:23

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:128 Resp: 2297866  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.5 12.7  
127 12.9 10.3 15.5

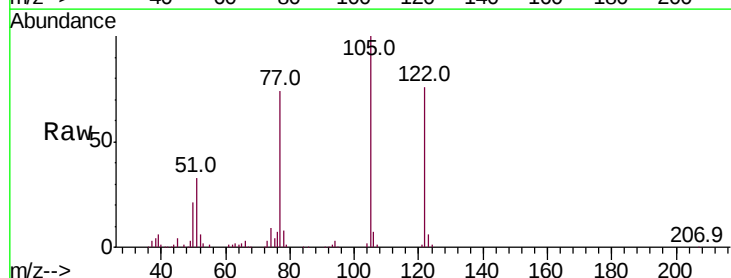


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

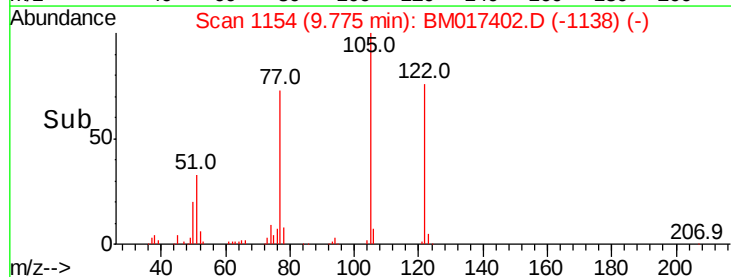
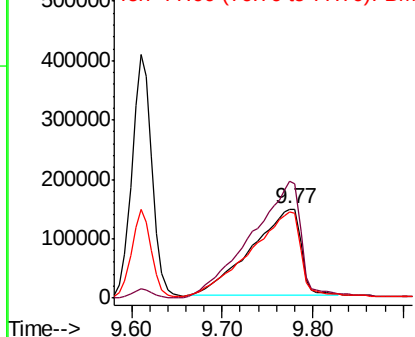


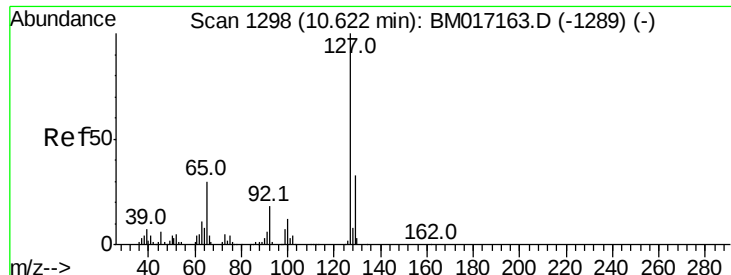
#32  
Benzoic acid  
Concen: 49.617 ng  
RT: 9.77 min Scan# 1154  
Delta R.T. -0.01 min  
Lab File: BM017402.D  
Acq: 29 Oct 2018 11:23

Tgt Ion:122 Resp: 555589  
Ion Ratio Lower Upper  
122 100  
105 131.9 102.0 142.0  
77 97.3 67.7 107.7



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BM

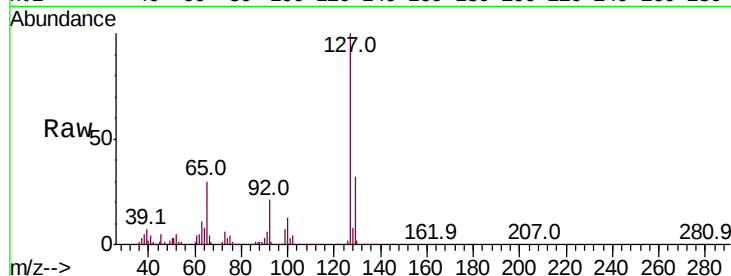




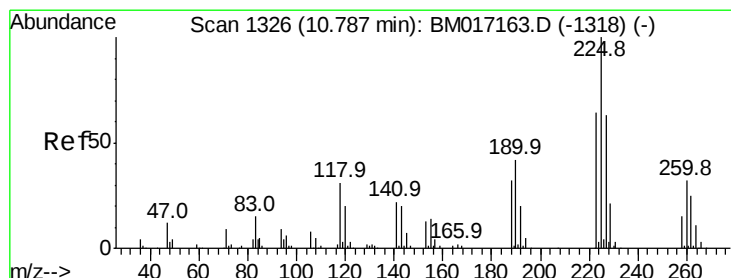
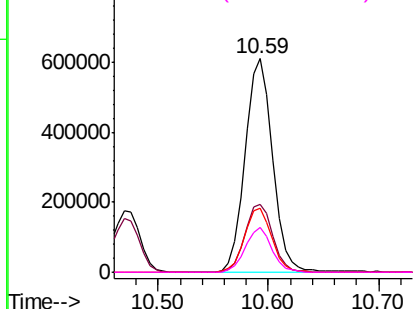
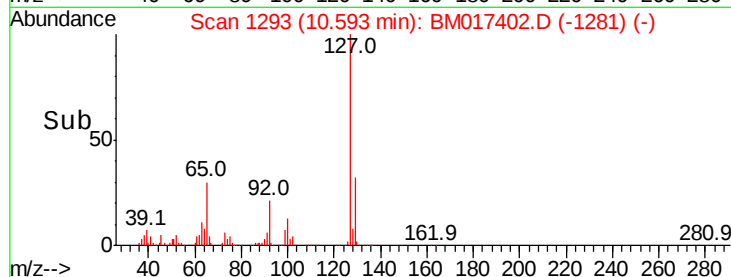
#33  
4-Chloroaniline  
Concen: 42.145 ng  
RT: 10.59 min Scan# 1293  
Delta R.T. -0.03 min  
Lab File: BM017402.D  
Acq: 29 Oct 2018 11:23

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:127 Resp: 1072253  
Ion Ratio Lower Upper  
127 100  
129 31.7 26.2 39.4  
65 29.7 23.7 35.5  
92 20.7 14.3 21.5

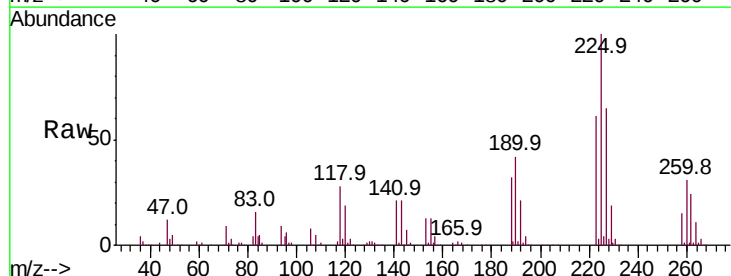


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BM0  
Ion 92.00 (91.70 to 92.70): BM0

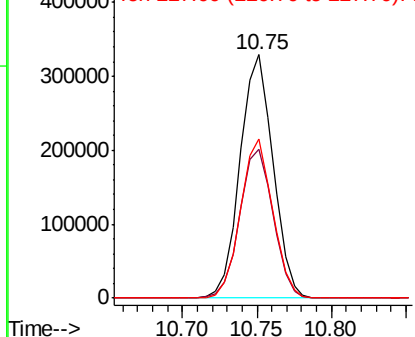
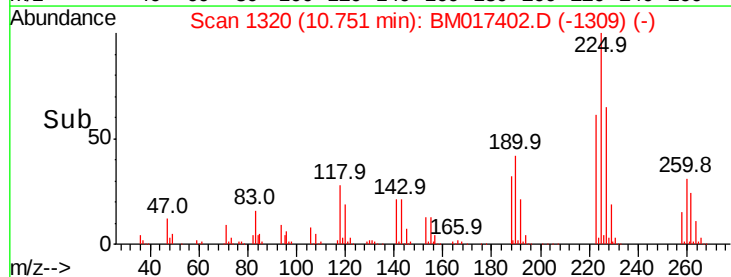


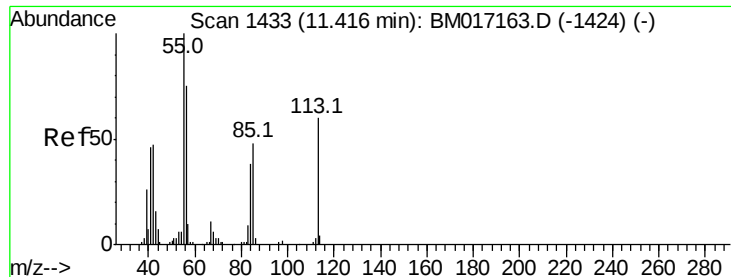
#34  
Hexachlorobutadiene  
Concen: 38.031 ng  
RT: 10.75 min Scan# 1320  
Delta R.T. -0.04 min  
Lab File: BM017402.D  
Acq: 29 Oct 2018 11:23

Tgt Ion:225 Resp: 503688  
Ion Ratio Lower Upper  
225 100  
223 61.4 51.0 76.6  
227 65.2 50.8 76.2



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: 44.695 ng

RT: 11.40 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BM017402.D

Acq: 29 Oct 2018 11:23

Instrument :

BNA\_M

ClientSampleId :

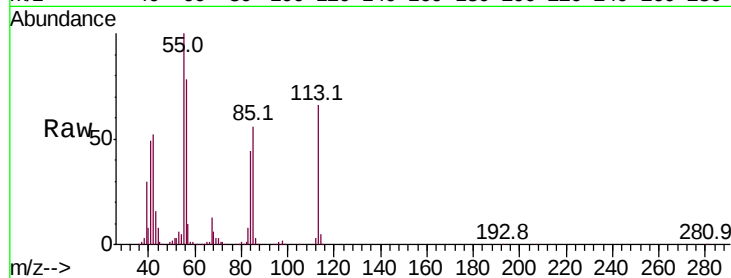
Tot Ion:113 Resp: 283818

Ion Ratio Lower Upper

113 100

55 152.4 147.0 187.0

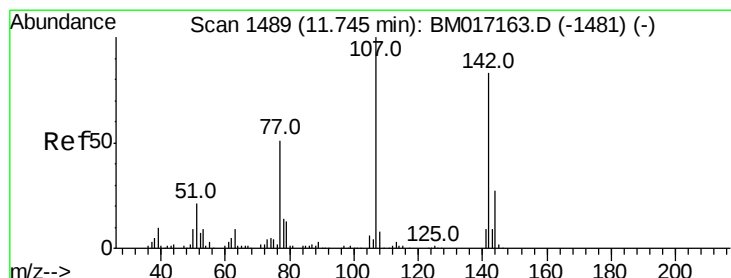
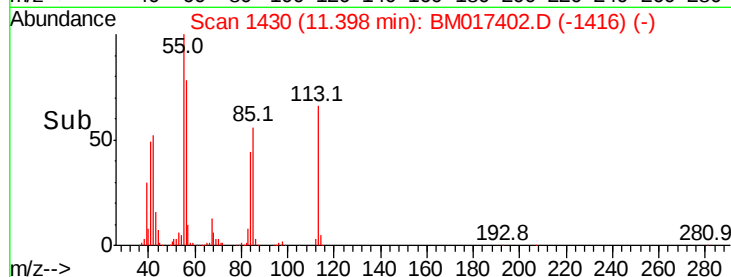
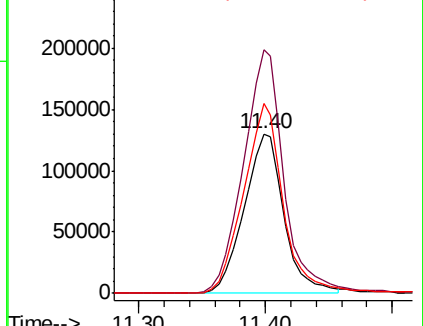
56 118.5 104.5 144.5



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: 43.454 ng

RT: 11.72 min Scan# 1485

Delta R.T. -0.02 min

Lab File: BM017402.D

Acq: 29 Oct 2018 11:23

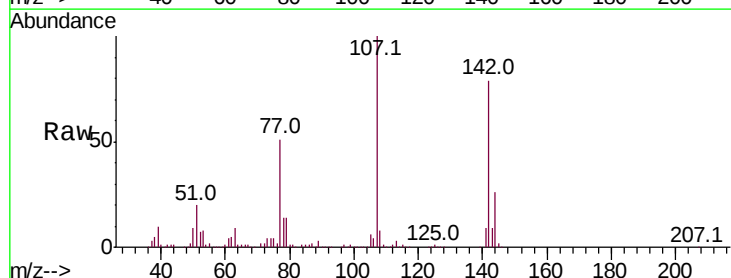
Tgt Ion:107 Resp: 853472

Ion Ratio Lower Upper

107 100

144 25.6 21.6 32.4

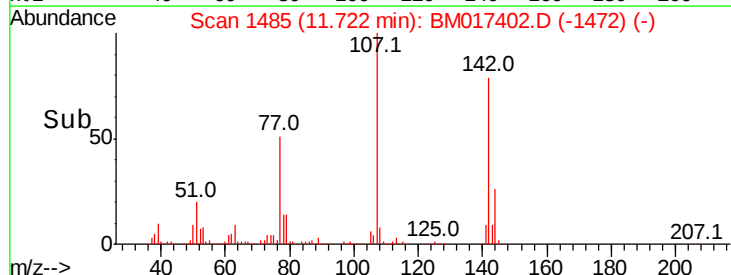
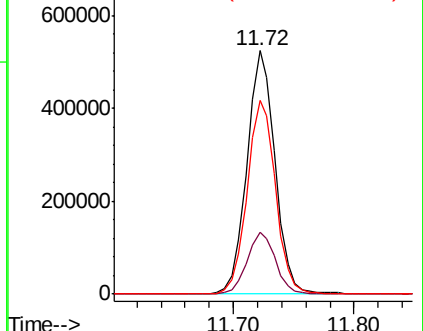
142 79.4 66.0 99.0

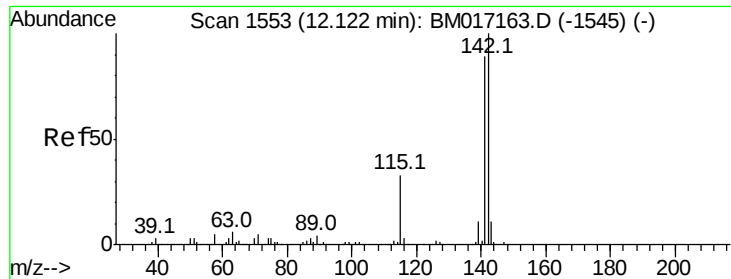


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

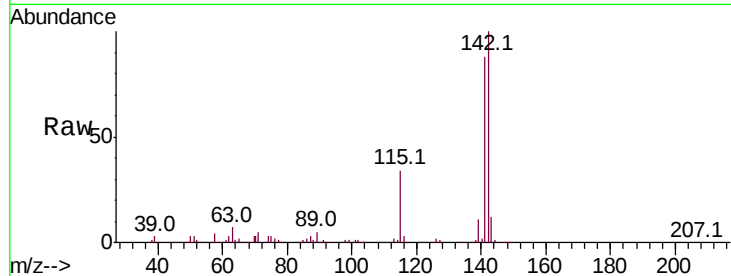




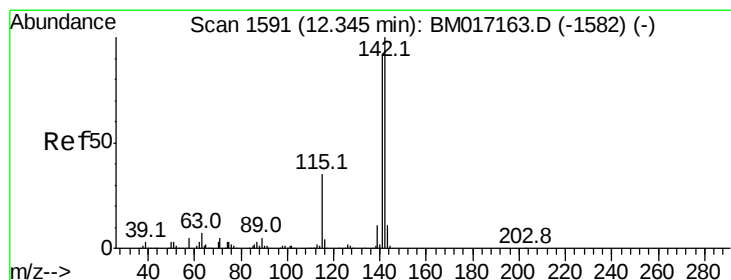
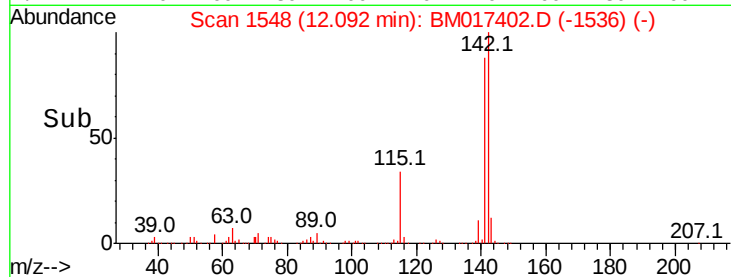
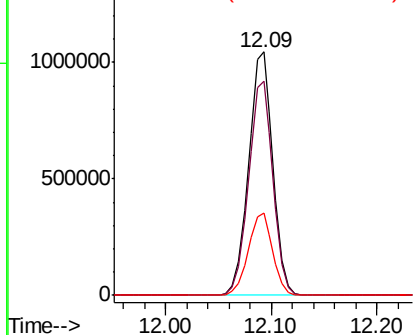
#37  
 2-Methylnaphthalene  
 Concen: 41.297 ng  
 RT: 12.09 min Scan# 1548  
 Delta R.T. -0.03 min  
 Lab File: BM017402.D  
 Acq: 29 Oct 2018 11:23

Instrument :  
 BNA\_M  
 ClientSampled :

Tot Ion:142 Resp: 1664744  
 Ion Ratio Lower Upper  
 142 100  
 141 87.9 70.9 106.3  
 115 33.9 26.4 39.6

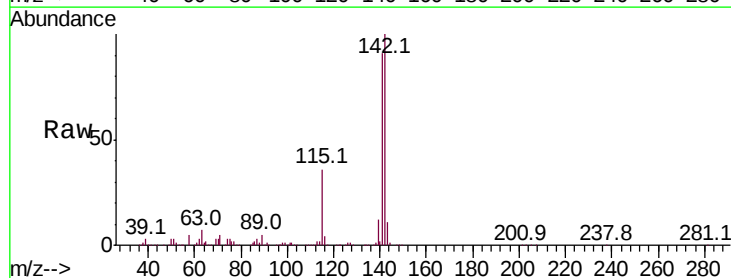


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

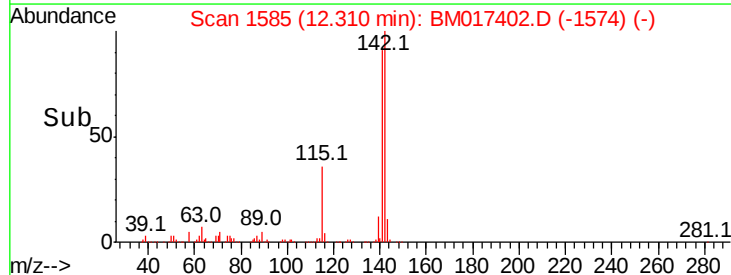
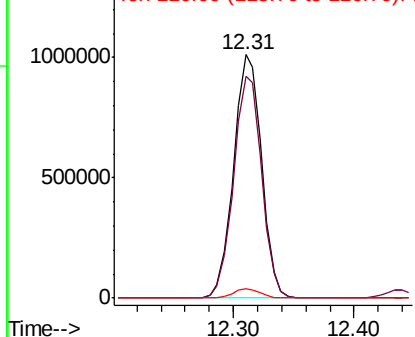


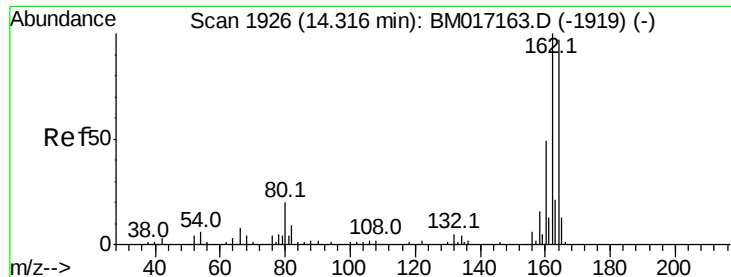
#38  
 1-Methylnaphthalene  
 Concen: 41.523 ng  
 RT: 12.31 min Scan# 1585  
 Delta R.T. -0.04 min  
 Lab File: BM017402.D  
 Acq: 29 Oct 2018 11:23

Tgt Ion:142 Resp: 1629108  
 Ion Ratio Lower Upper  
 142 100  
 141 91.1 73.8 110.6  
 116 3.8 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 116.00 (115.70 to 116.70): E

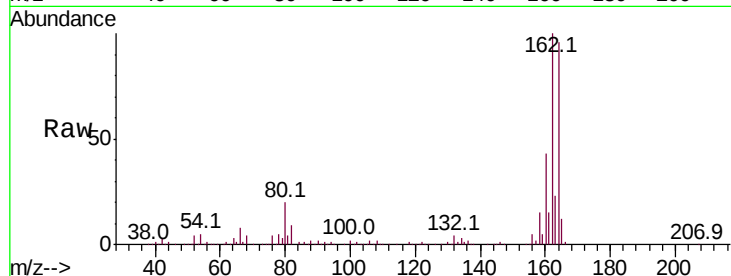




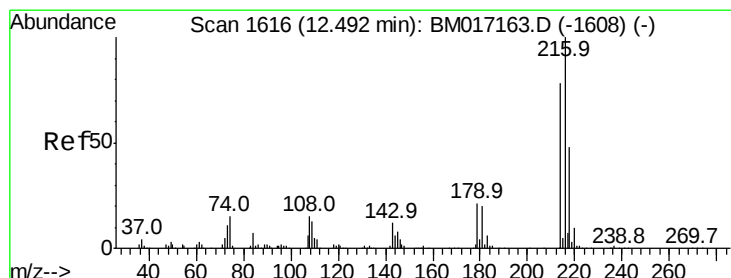
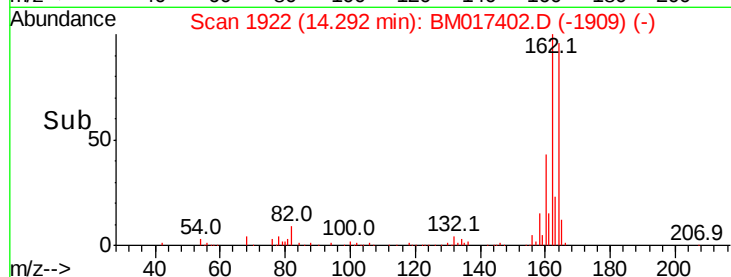
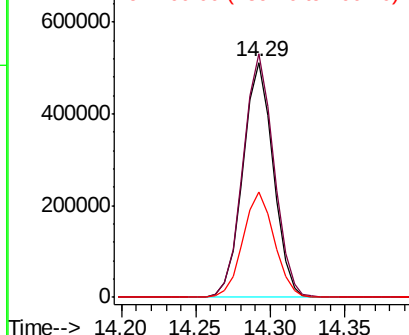
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.29 min Scan# 1922  
Delta R.T. -0.02 min  
Lab File: BM017402.D  
Acq: 29 Oct 2018 11:23

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:164 Resp: 720049  
Ion Ratio Lower Upper  
164 100  
162 103.8 82.1 123.1  
160 45.0 40.2 60.2

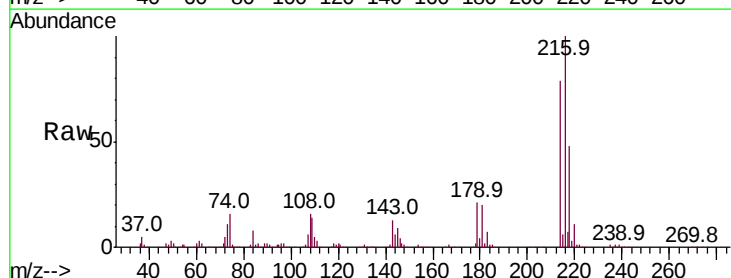


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

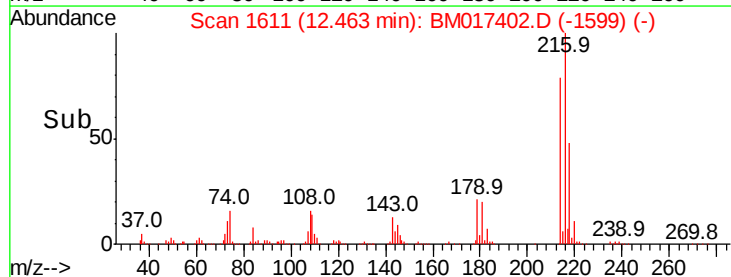
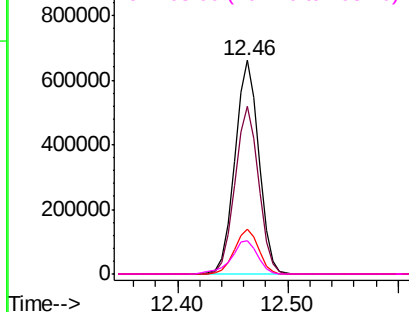


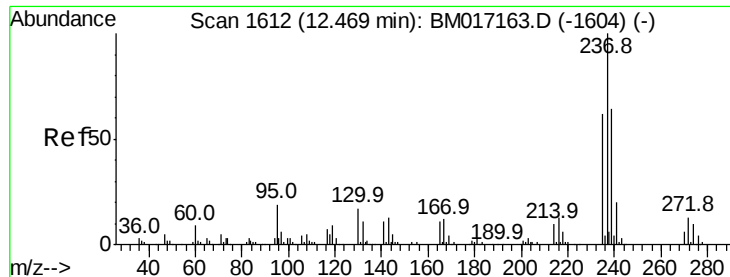
#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.645 ng  
RT: 12.46 min Scan# 1611  
Delta R.T. -0.03 min  
Lab File: BM017402.D  
Acq: 29 Oct 2018 11:23

Tgt Ion:216 Resp: 1005298  
Ion Ratio Lower Upper  
216 100  
214 77.6 62.6 93.8  
179 21.1 16.6 24.8  
108 17.2 13.5 20.3



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

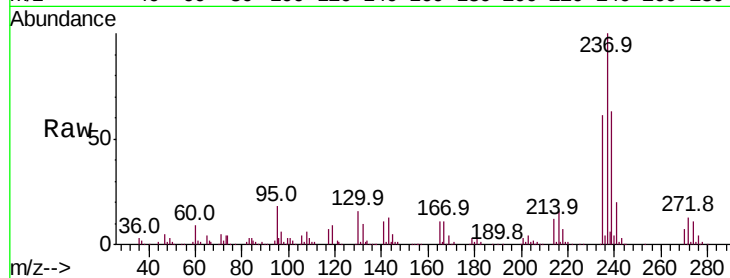




#41  
Hexachlorocyclopentadiene  
Concen: 37.473 ng  
RT: 12.44 min Scan# 1607  
Delta R.T. -0.03 min  
Lab File: BM017402.D  
Acq: 29 Oct 2018 11:23

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 60.9  | 42.4  | 82.4  |
| 272     | 12.6  | 0.0   | 33.0  |

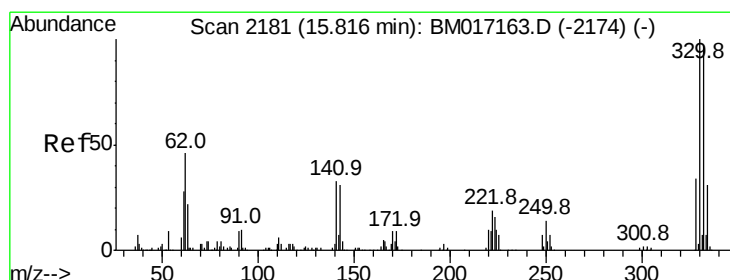
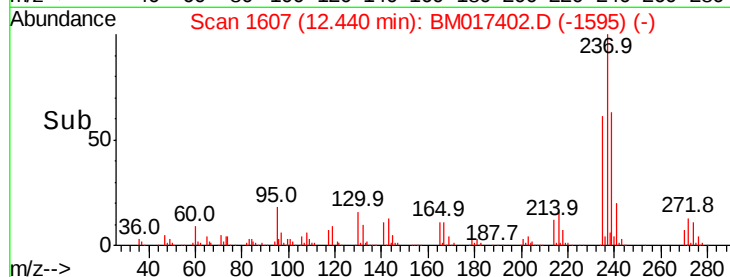
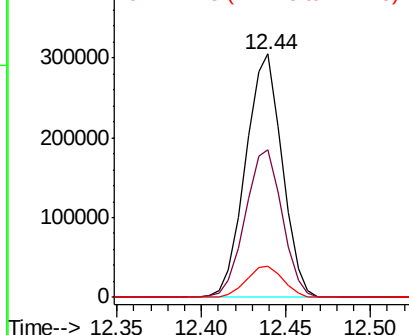


Abundance

Ion 236.80 (236.50 to 237.50): E

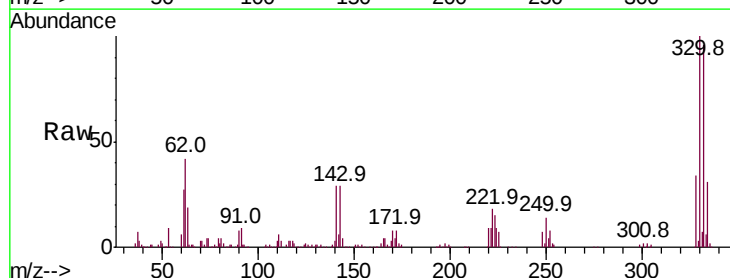
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42  
2,4,6-Tribromophenol  
Concen: 89.424 ng  
RT: 15.79 min Scan# 2177  
Delta R.T. -0.02 min  
Lab File: BM017402.D  
Acq: 29 Oct 2018 11:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.0  | 77.3  | 115.9 |
| 141     | 31.5  | 27.4  | 41.0  |

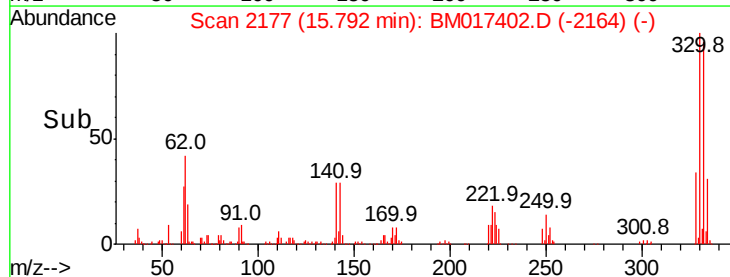
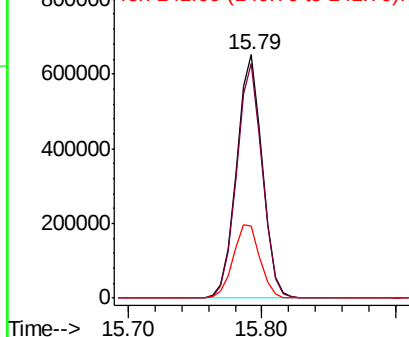


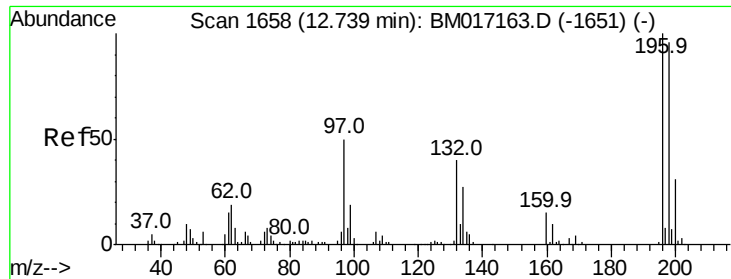
Abundance

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

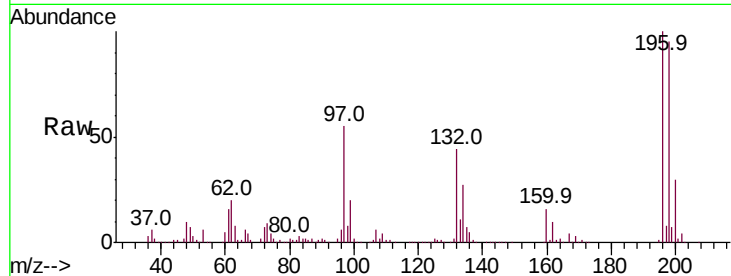




#43  
 2,4,6-Trichlorophenol  
 Concen: 44.184 ng  
 RT: 12.71 min Scan# 1653  
 Delta R.T. -0.03 min  
 Lab File: BM017402.D  
 Acq: 29 Oct 2018 11:23

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.3  | 77.1  | 115.7 |
| 200     | 30.5  | 25.0  | 37.4  |

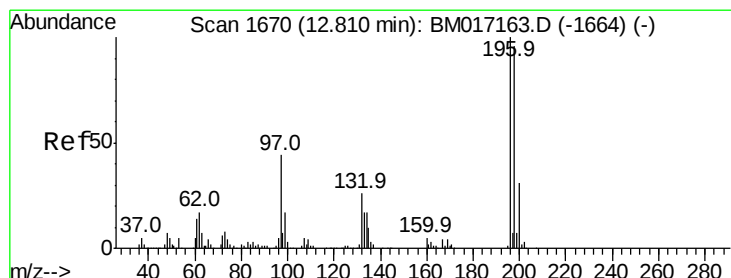
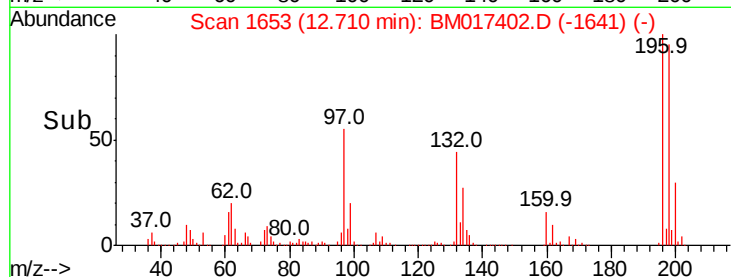
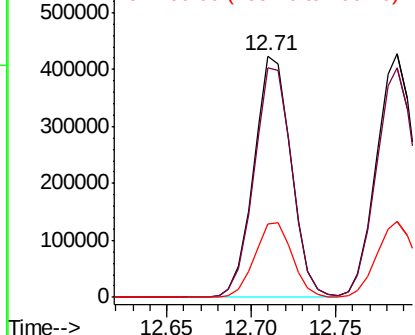


Abundance

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



#44  
 2,4,5-Trichlorophenol  
 Concen: 43.257 ng  
 RT: 12.79 min Scan# 1666  
 Delta R.T. -0.02 min  
 Lab File: BM017402.D  
 Acq: 29 Oct 2018 11:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.1  | 76.6  | 115.0 |
| 97      | 45.5  | 35.5  | 53.3  |
| 132     | 26.1  | 20.7  | 31.1  |

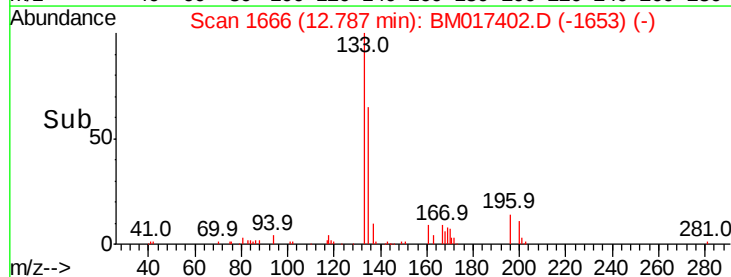
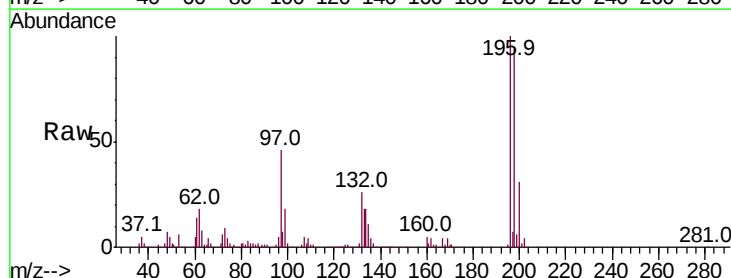
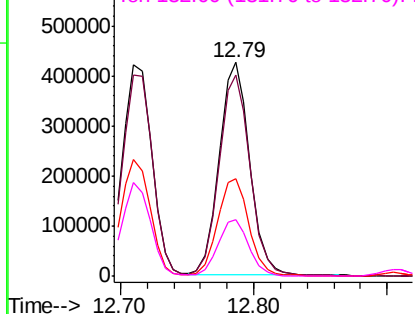
Abundance

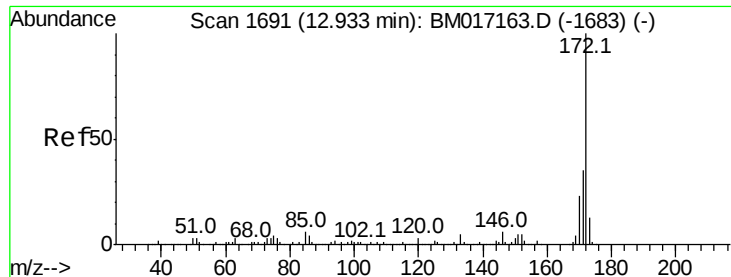
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM0

Ion 132.00 (131.70 to 132.70): E

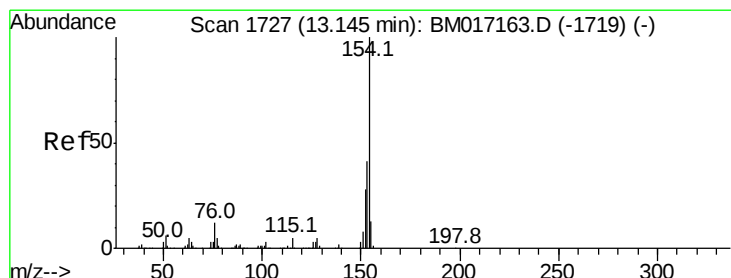
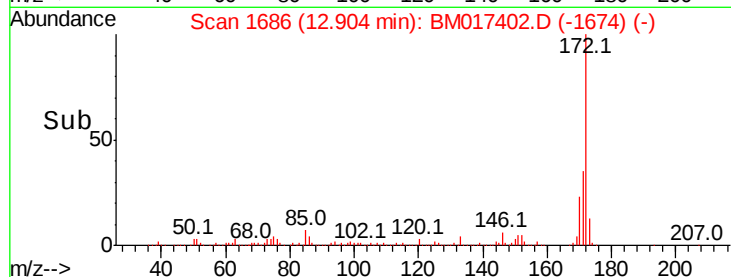
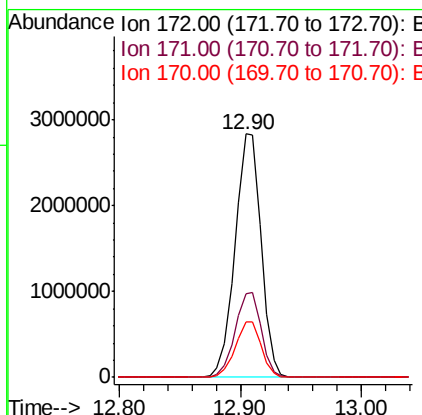
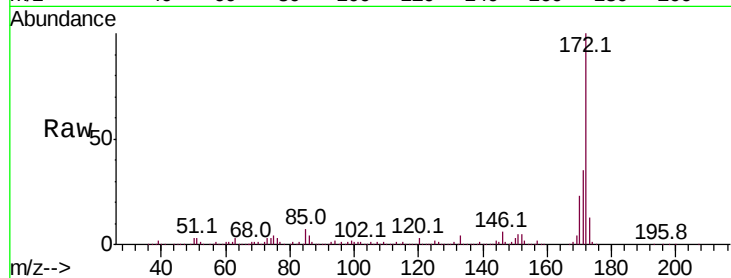




#45  
2-Fluorobiphenyl  
Concen: 78.791 ng  
RT: 12.90 min Scan# 1686  
Delta R.T. -0.03 min  
Lab File: BM017402.D  
Acq: 29 Oct 2018 11:23

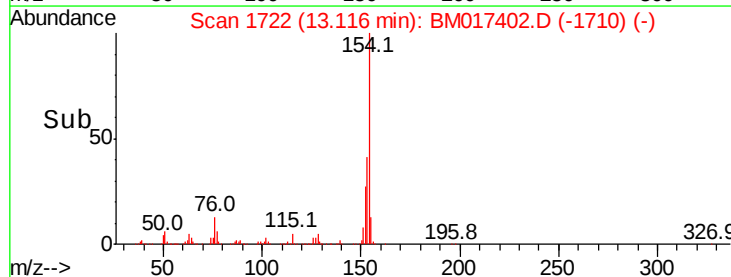
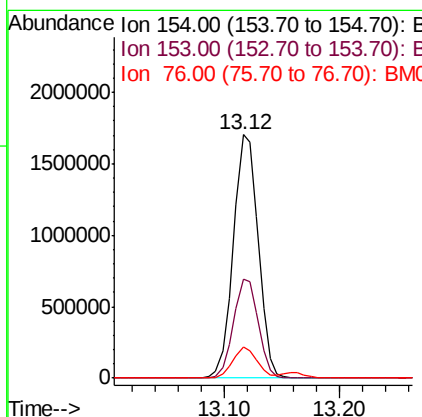
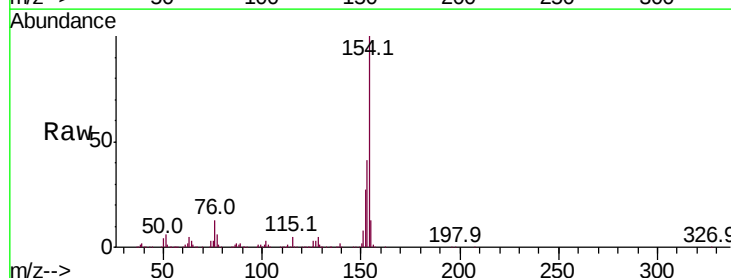
Instrument :  
BNA\_M  
ClientSampleId :

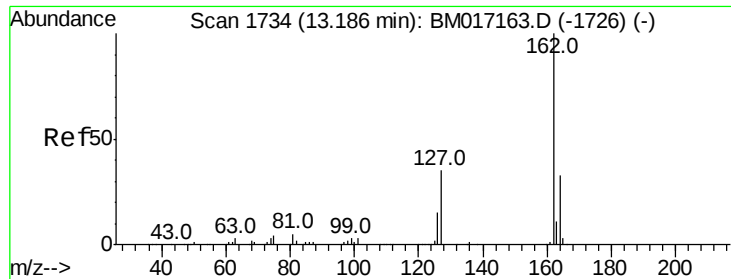
Tot Ion:172 Resp: 4263938  
Ion Ratio Lower Upper  
172 100  
171 34.6 28.3 42.5  
170 22.5 18.3 27.5



#46  
1,1'-Biphenyl  
Concen: 39.083 ng  
RT: 13.12 min Scan# 1722  
Delta R.T. -0.03 min  
Lab File: BM017402.D  
Acq: 29 Oct 2018 11:23

Tgt Ion:154 Resp: 2532463  
Ion Ratio Lower Upper  
154 100  
153 40.9 20.5 60.5  
76 12.6 0.0 31.8



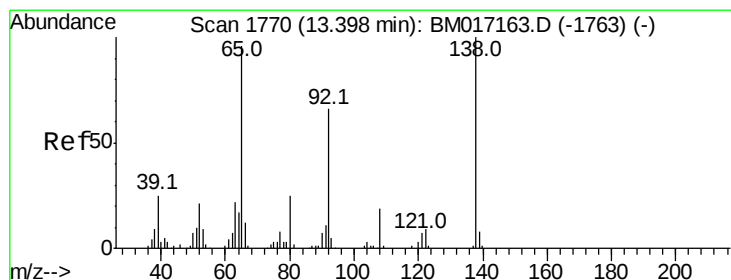
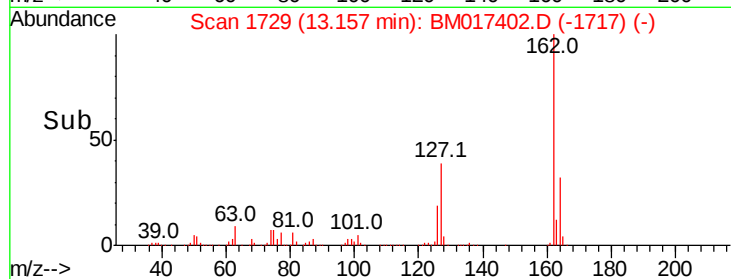
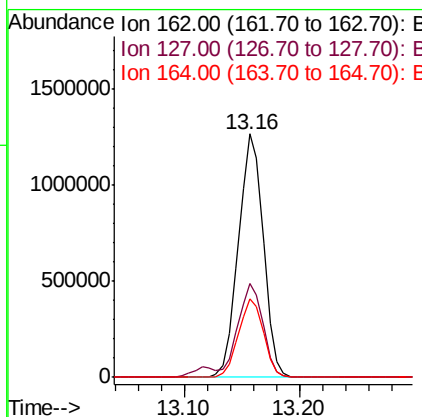
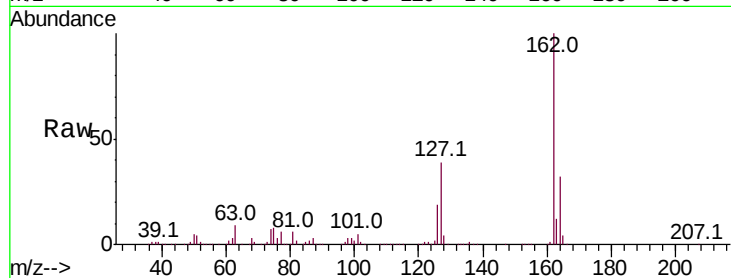


#47  
 2-Chloronaphthalene  
 Concen: 39.618 ng  
 RT: 13.16 min Scan# 1729  
 Delta R.T. -0.03 min  
 Lab File: BM017402.D  
 Acq: 29 Oct 2018 11:23

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:162 Resp: 1888577  

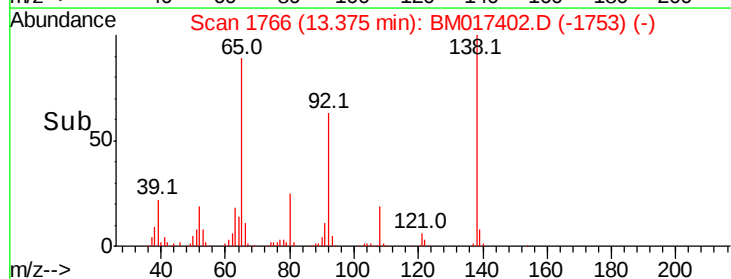
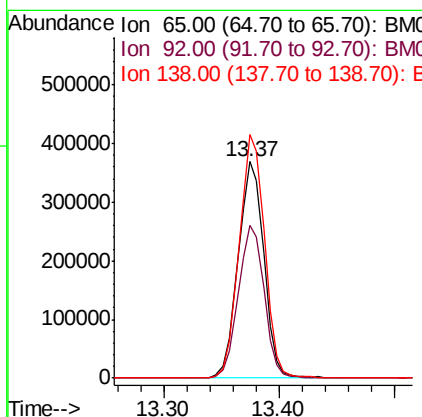
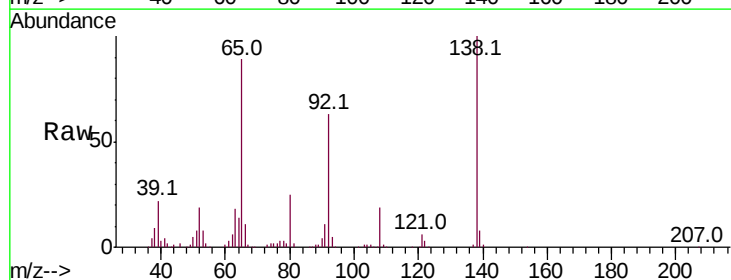
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 127 | 38.7  | 31.0  | 46.4  |
| 164 | 32.5  | 26.6  | 39.8  |

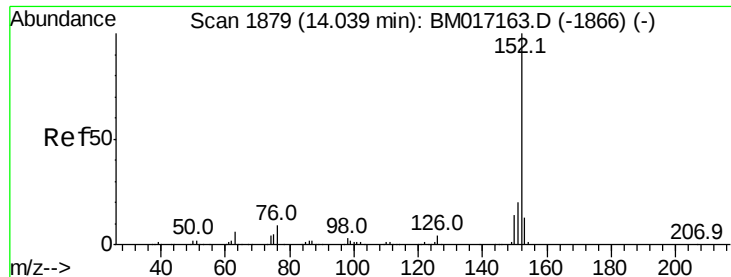


#48  
 2-Nitroaniline  
 Concen: 43.025 ng  
 RT: 13.37 min Scan# 1766  
 Delta R.T. -0.02 min  
 Lab File: BM017402.D  
 Acq: 29 Oct 2018 11:23

Tgt Ion: 65 Resp: 570427  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 92  | 70.4  | 54.9  | 82.3  |
| 138 | 112.5 | 83.7  | 125.5 |





#49

Acenaphthylene

Concen: 41.577 ng

RT: 14.01 min Scan# 1874

Delta R.T. -0.03 min

Lab File: BM017402.D

Acq: 29 Oct 2018 11:23

Instrument :

BNA\_M

ClientSampled :

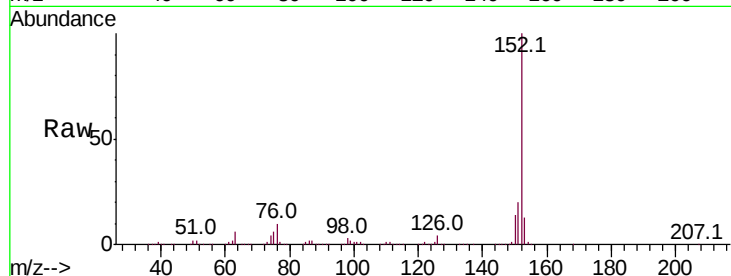
Tot Ion:152 Resp: 2872840

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

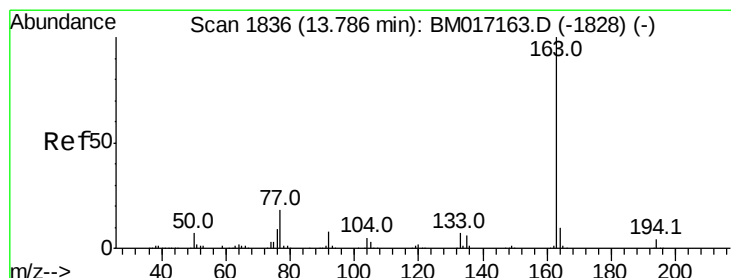
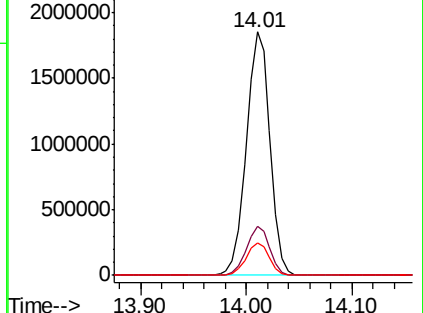
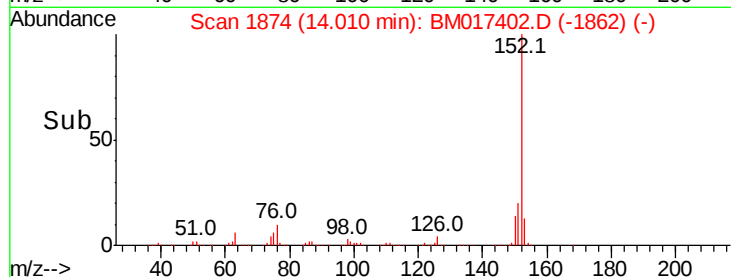
153 13.1 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.603 ng

RT: 13.76 min Scan# 1832

Delta R.T. -0.02 min

Lab File: BM017402.D

Acq: 29 Oct 2018 11:23

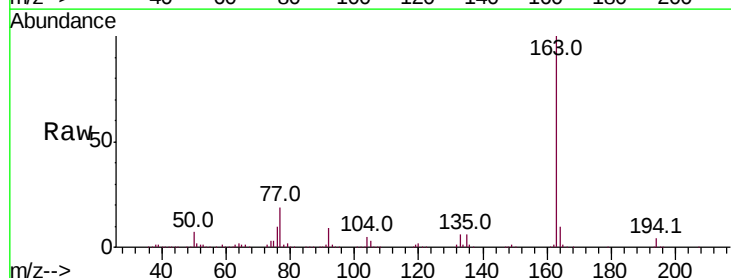
Tgt Ion:163 Resp: 2311138

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

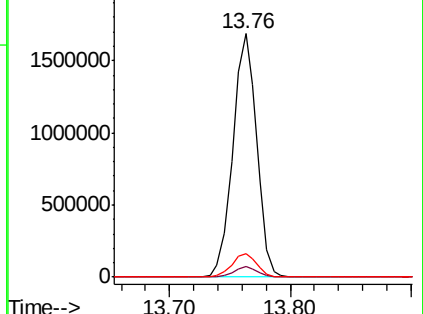
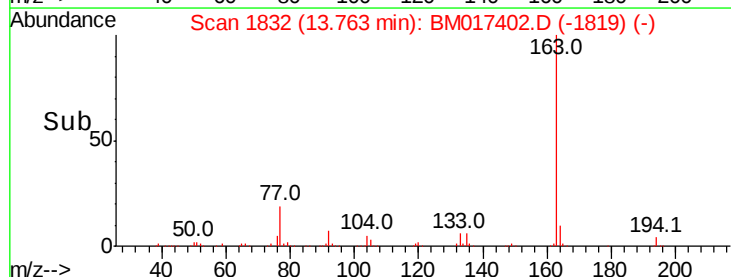
164 9.9 7.8 11.8

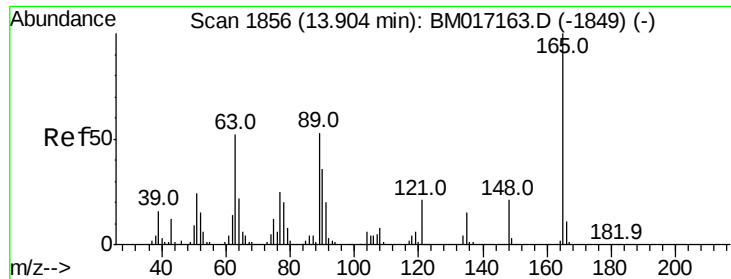


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

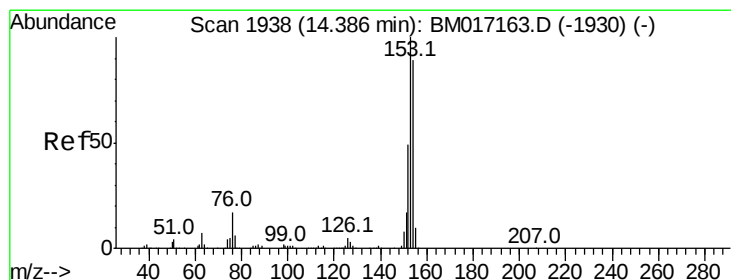
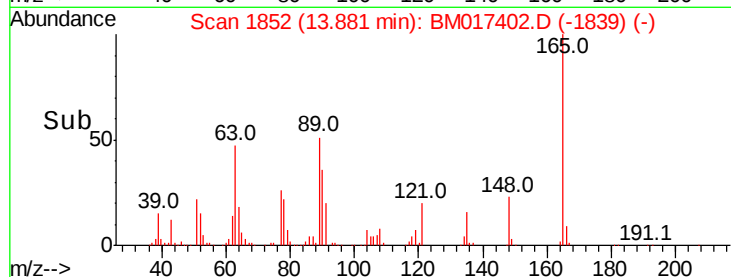
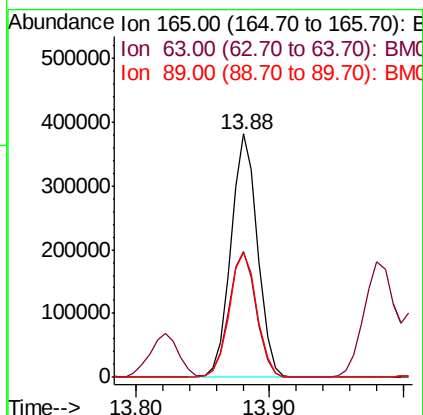
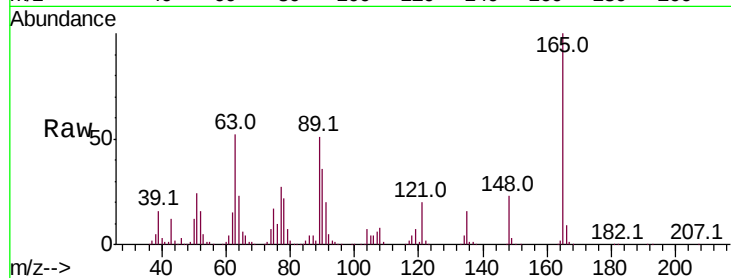




#51  
2,6-Dinitrotoluene  
Concen: 43.340 ng  
RT: 13.88 min Scan# 1852  
Delta R.T. -0.02 min  
Lab File: BM017402.D  
Acq: 29 Oct 2018 11:23

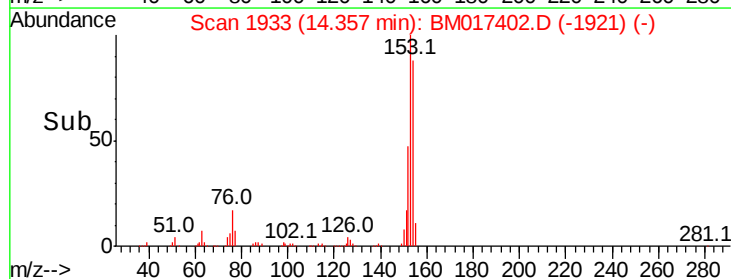
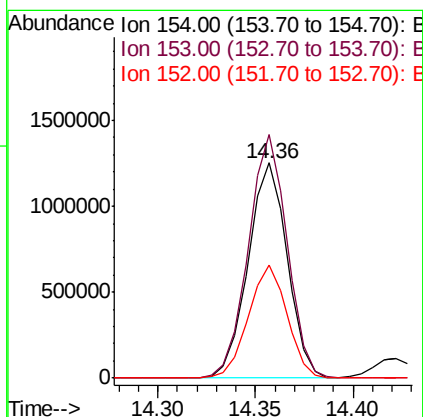
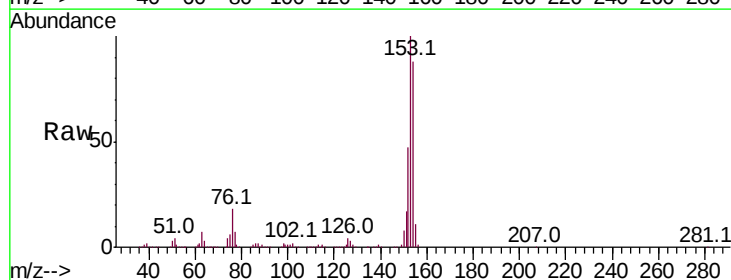
Instrument :  
BNA\_M  
ClientSampleId :

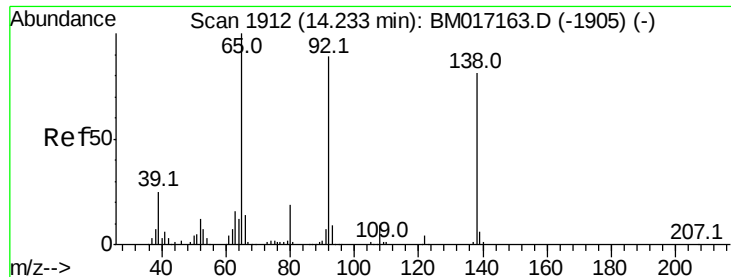
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 51.9  | 42.7  | 64.1  |
| 89      | 51.2  | 42.1  | 63.1  |



#52  
Acenaphthene  
Concen: 40.041 ng  
RT: 14.36 min Scan# 1933  
Delta R.T. -0.03 min  
Lab File: BM017402.D  
Acq: 29 Oct 2018 11:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 113.1 | 90.2  | 135.2 |
| 152     | 52.7  | 44.2  | 66.4  |

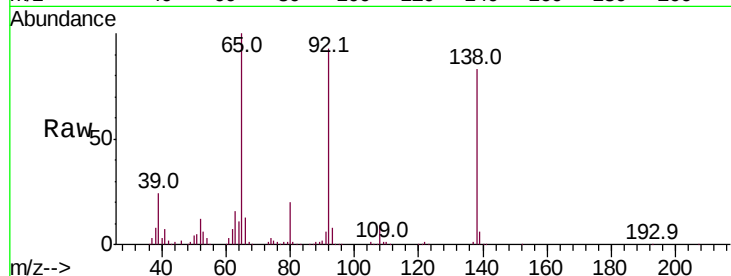




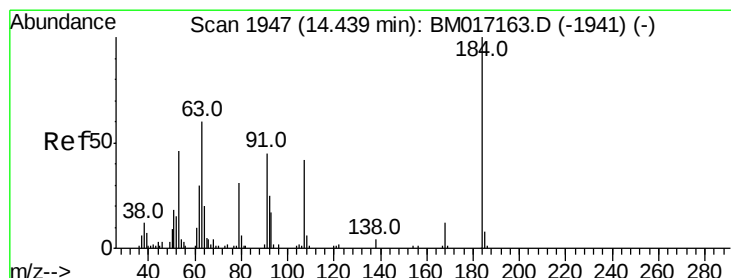
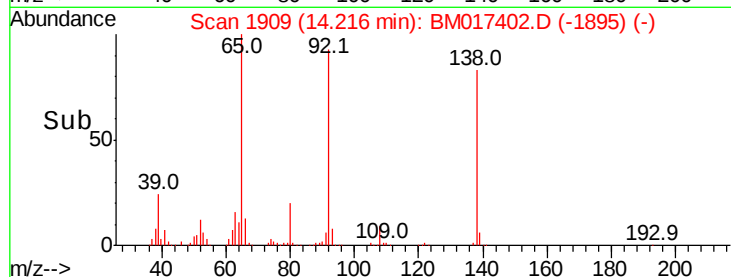
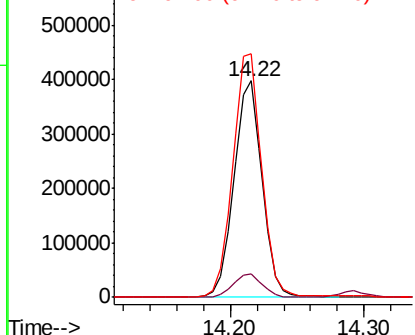
#53  
3-Nitroaniline  
Concen: 44.182 ng  
RT: 14.22 min Scan# 1909  
Delta R.T. -0.02 min  
Lab File: BM017402.D  
Acq: 29 Oct 2018 11:23

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:138 Resp: 585070  
Ion Ratio Lower Upper  
138 100  
108 11.1 8.7 13.1  
92 112.6 87.9 131.9

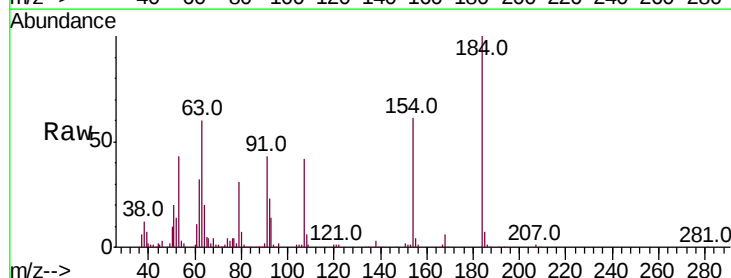


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BM

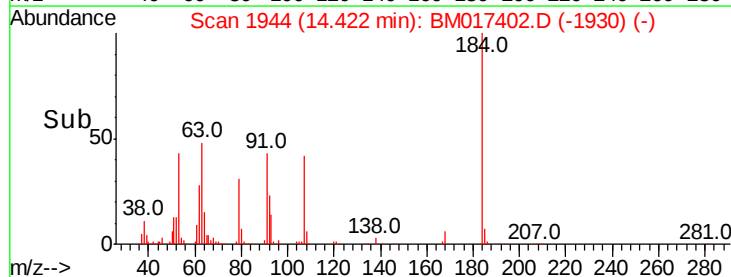
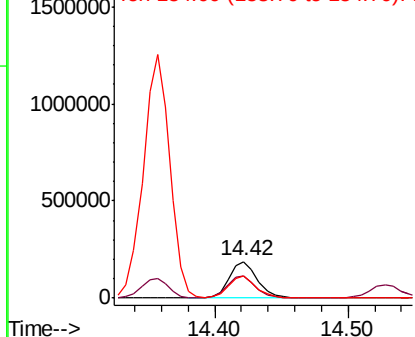


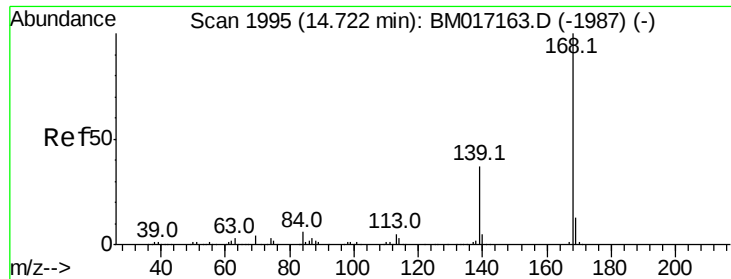
#54  
2,4-Dinitrophenol  
Concen: 42.902 ng  
RT: 14.42 min Scan# 1944  
Delta R.T. -0.02 min  
Lab File: BM017402.D  
Acq: 29 Oct 2018 11:23

Tgt Ion:184 Resp: 277230  
Ion Ratio Lower Upper  
184 100  
63 59.8 51.2 76.8  
154 60.5 47.8 71.8



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

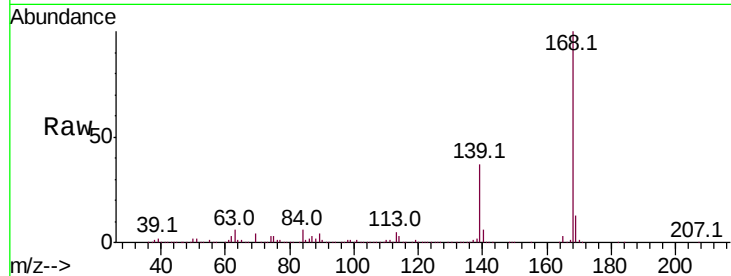




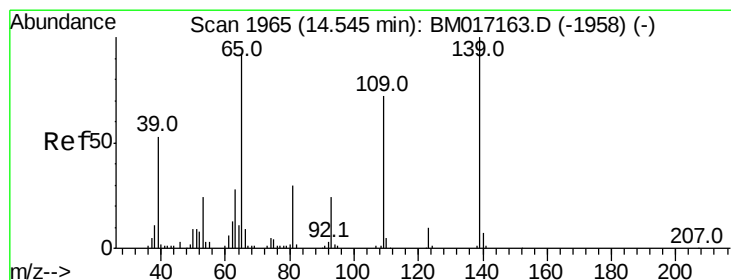
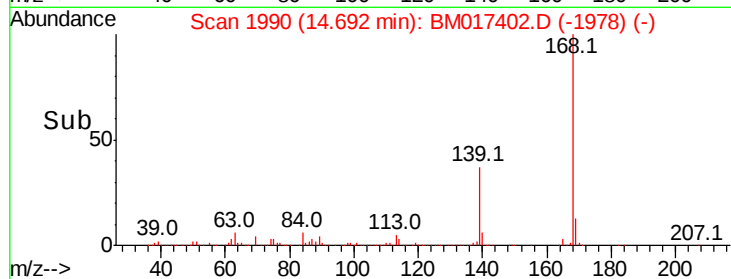
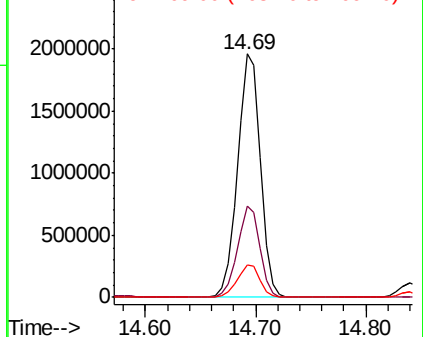
#55  
Dibenzofuran  
Concen: 39.297 ng  
RT: 14.69 min Scan# 1990  
Delta R.T. -0.03 min  
Lab File: BM017402.D  
Acq: 29 Oct 2018 11:23

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:168 Resp: 2835140  
Ion Ratio Lower Upper  
168 100  
139 37.4 29.3 43.9  
169 13.2 10.6 15.8

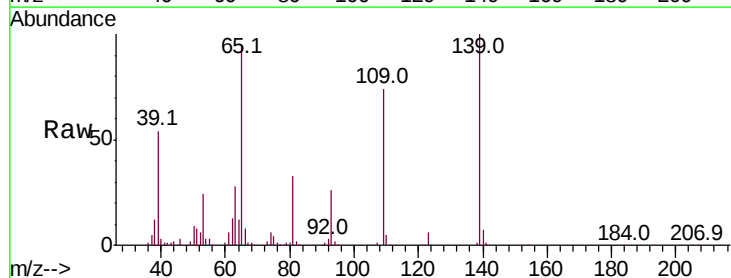


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

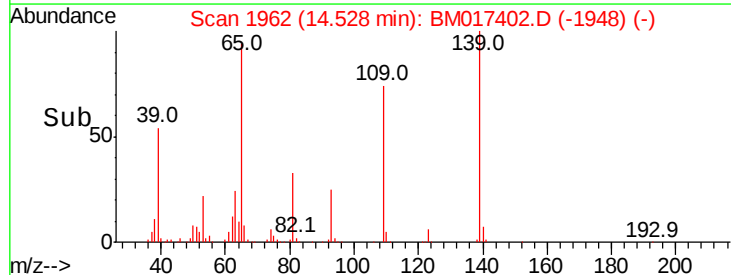
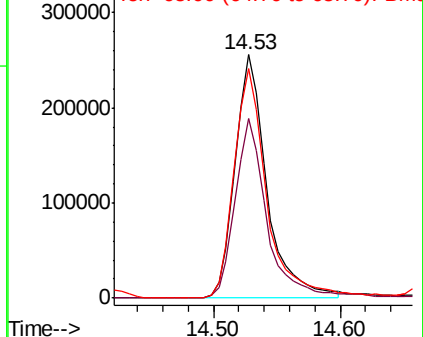


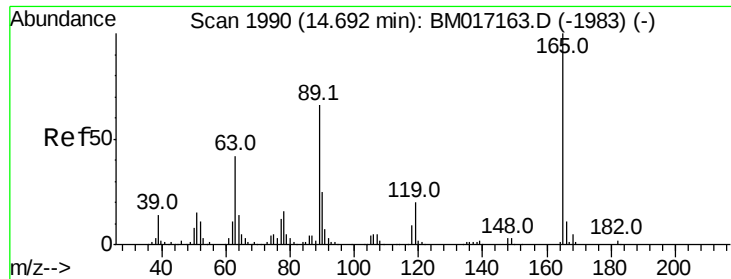
#56  
4-Nitrophenol  
Concen: 39.449 ng  
RT: 14.53 min Scan# 1962  
Delta R.T. -0.02 min  
Lab File: BM017402.D  
Acq: 29 Oct 2018 11:23

Tgt Ion:139 Resp: 445437  
Ion Ratio Lower Upper  
139 100  
109 73.8 51.8 91.8  
65 94.1 72.1 112.1



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

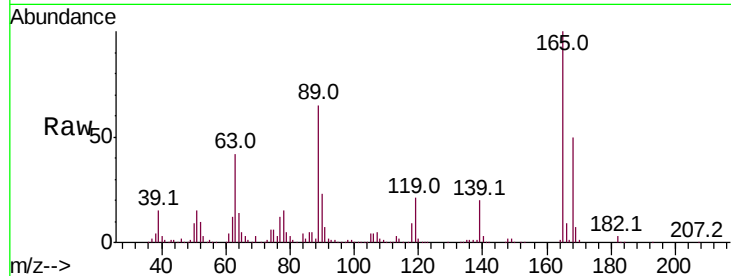




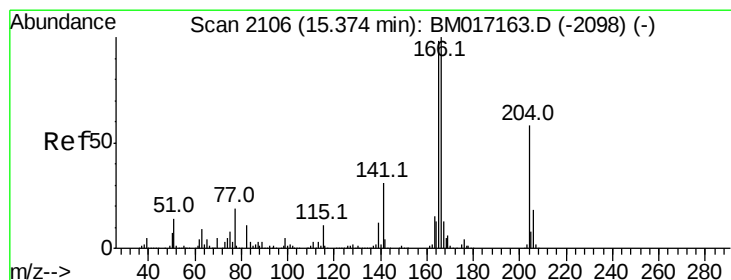
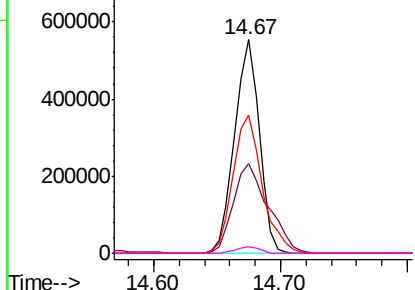
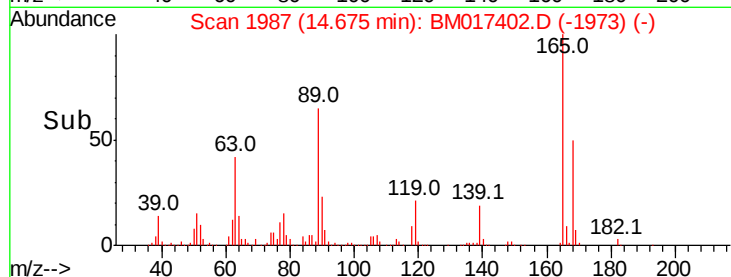
#57  
 2,4-Dinitrotoluene  
 Concen: 45.378 ng  
 RT: 14.67 min Scan# 1987  
 Delta R.T. -0.02 min  
 Lab File: BM017402.D  
 Acq: 29 Oct 2018 11:23

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:165 Resp: 745714  
 Ion Ratio Lower Upper  
 165 100  
 63 42.1 33.8 50.8  
 89 64.9 53.1 79.7  
 182 2.8 2.0 3.0

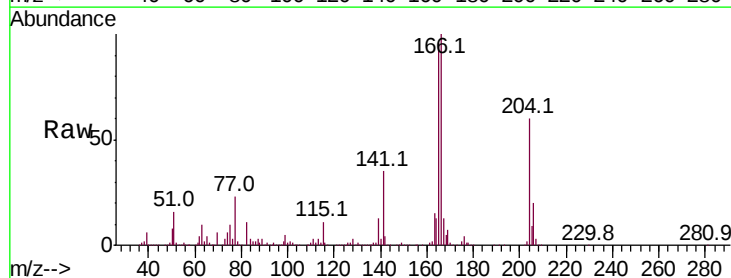


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BM  
 Ion 89.00 (88.70 to 89.70): BM  
 Ion 182.00 (181.70 to 182.70): E

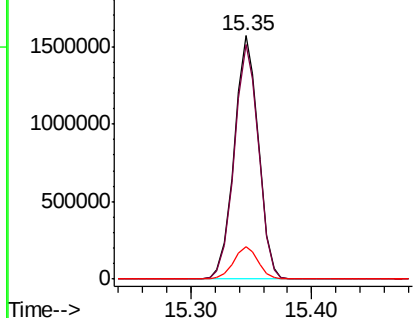
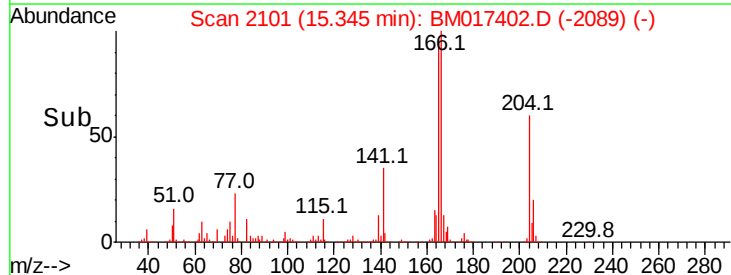


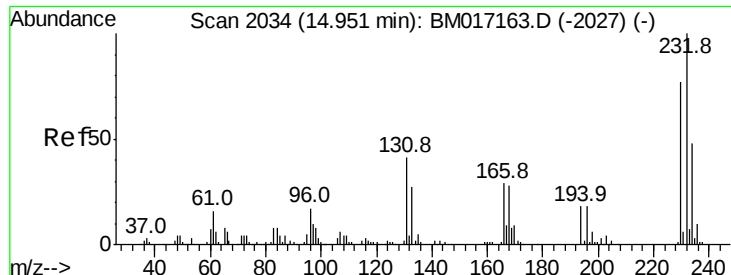
#58  
 Fluorene  
 Concen: 40.915 ng  
 RT: 15.35 min Scan# 2101  
 Delta R.T. -0.03 min  
 Lab File: BM017402.D  
 Acq: 29 Oct 2018 11:23

Tgt Ion:166 Resp: 2184899  
 Ion Ratio Lower Upper  
 166 100  
 165 96.2 78.1 117.1  
 167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E  
 Ion 165.00 (164.70 to 165.70): E  
 Ion 167.00 (166.70 to 167.70): E

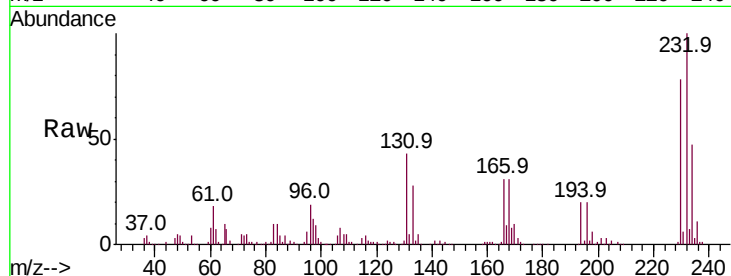




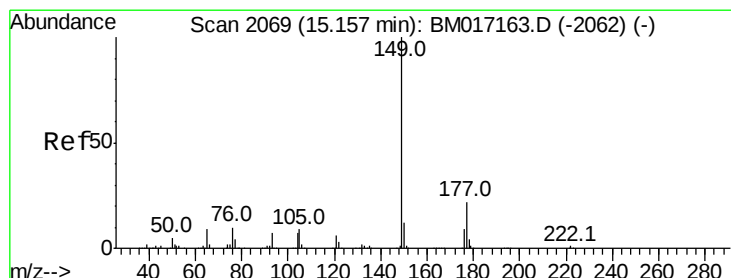
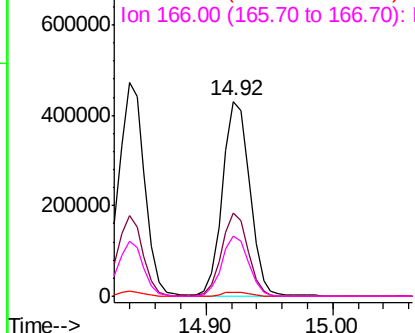
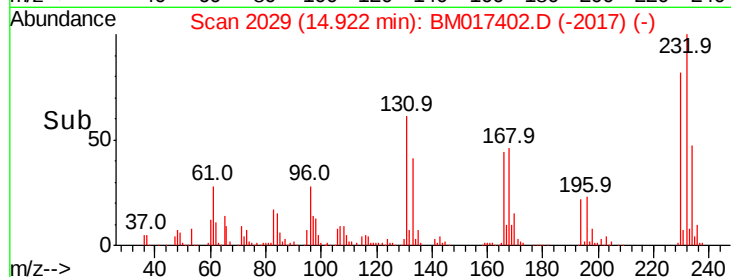
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 44.461 ng  
 RT: 14.92 min Scan# 2029  
 Delta R.T. -0.03 min  
 Lab File: BM017402.D  
 Acq: 29 Oct 2018 11:23

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:232 Resp: 639725  
 Ion Ratio Lower Upper  
 232 100  
 131 41.4 33.1 49.7  
 130 2.3 1.7 2.5  
 166 30.6 24.4 36.6

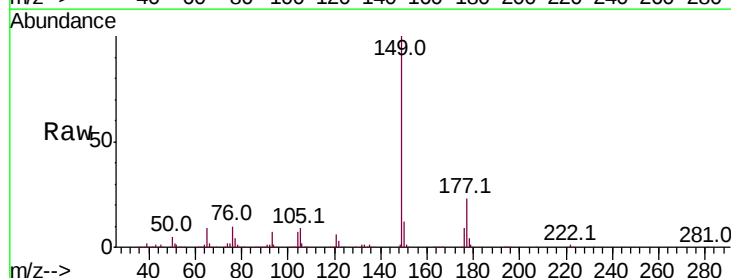


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

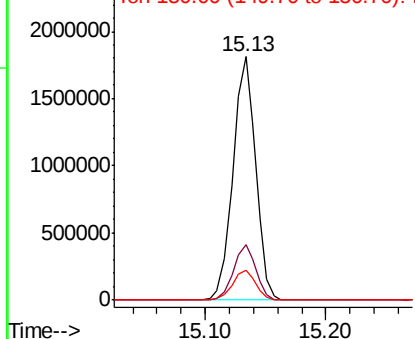
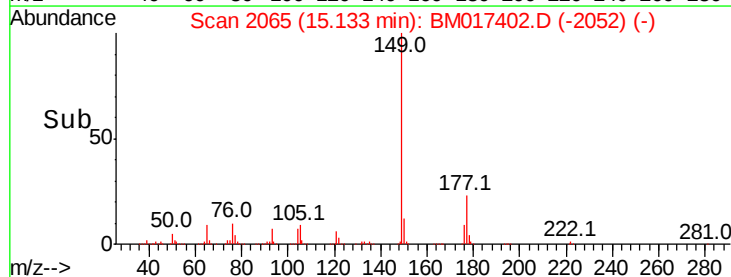


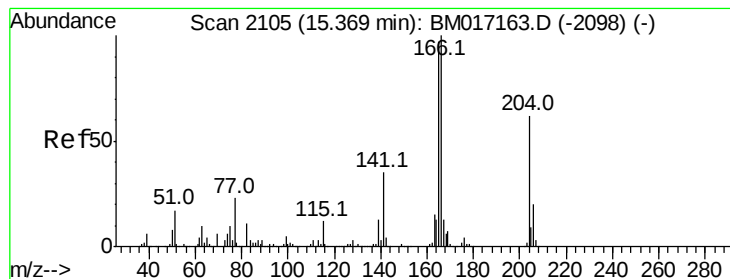
#60  
 Diethylphthalate  
 Concen: 42.937 ng  
 RT: 15.13 min Scan# 2065  
 Delta R.T. -0.02 min  
 Lab File: BM017402.D  
 Acq: 29 Oct 2018 11:23

Tgt Ion:149 Resp: 2365468  
 Ion Ratio Lower Upper  
 149 100  
 177 22.7 17.7 26.5  
 150 12.4 10.0 15.0



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





#61

4-Chlorophenyl-phenylether

Concen: 40.479 ng

RT: 15.35 min Scan# 2101

Delta R.T. -0.02 min

Lab File: BM017402.D

Acq: 29 Oct 2018 11:23

Instrument :

BNA\_M

ClientSampled :

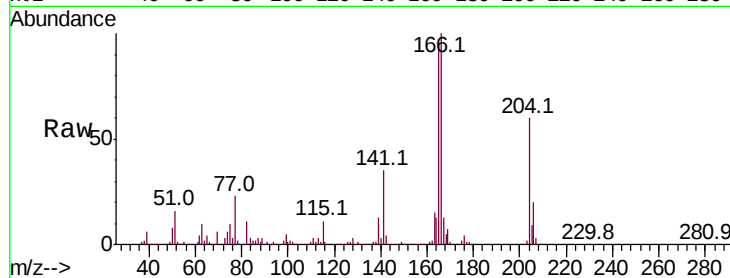
Tot Ion:204 Resp: 1232333

Ion Ratio Lower Upper

204 100

206 32.6 26.1 39.1

141 58.3 45.4 68.2

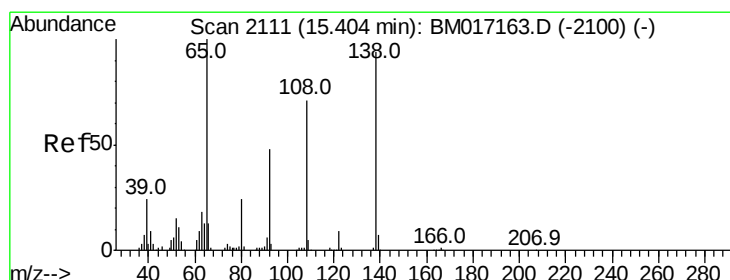
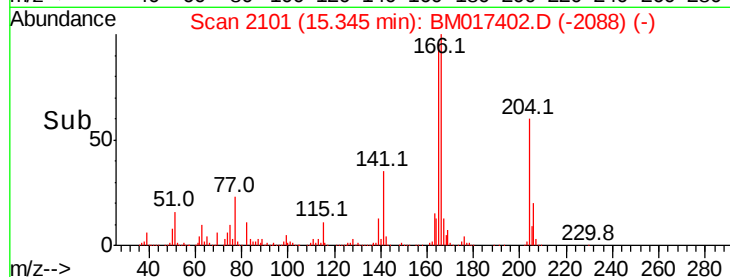
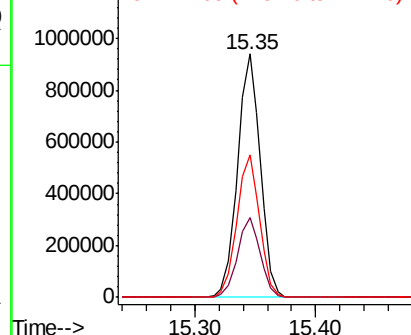


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 42.415 ng

RT: 15.39 min Scan# 2108

Delta R.T. -0.02 min

Lab File: BM017402.D

Acq: 29 Oct 2018 11:23

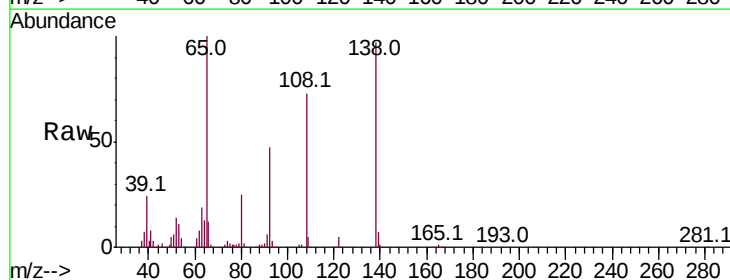
Tgt Ion:138 Resp: 617751

Ion Ratio Lower Upper

138 100

92 48.9 31.2 71.2

108 75.3 55.5 95.5

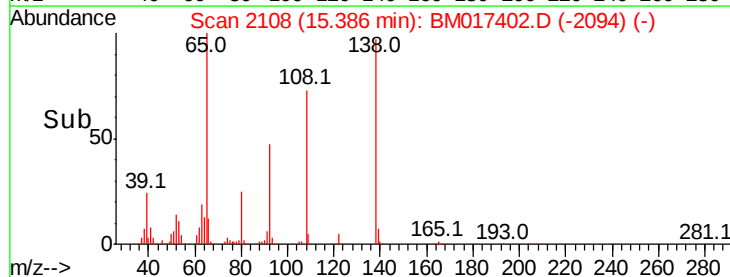
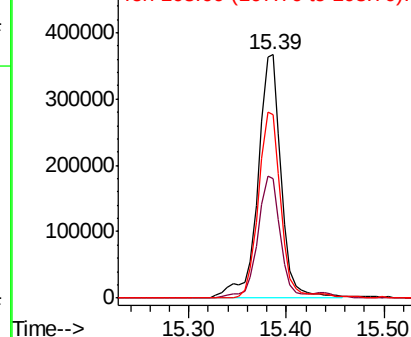


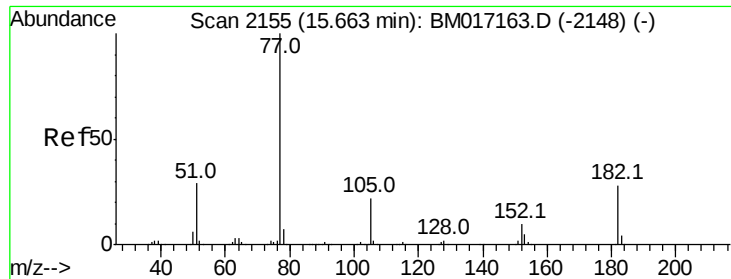
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E

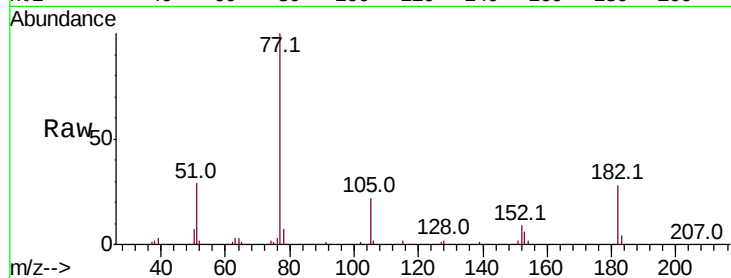




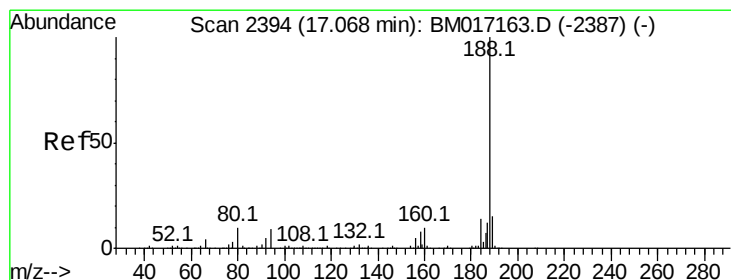
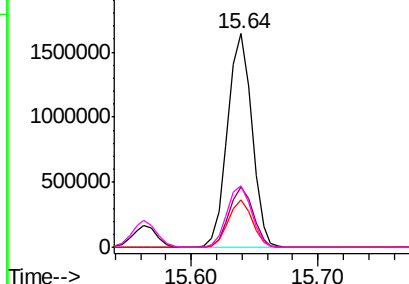
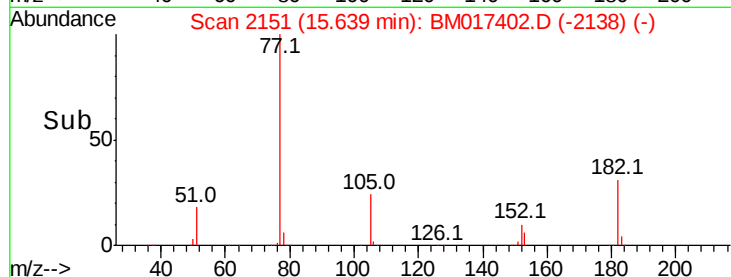
#63  
Azobenzene  
Concen: 40.651 ng  
RT: 15.64 min Scan# 2151  
Delta R.T. -0.02 min  
Lab File: BM017402.D  
Acq: 29 Oct 2018 11:23

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion: 77 Resp: 2176767  
Ion Ratio Lower Upper  
77 100  
182 28.1 8.3 48.3  
105 21.9 1.5 41.5  
51 29.1 8.8 48.8

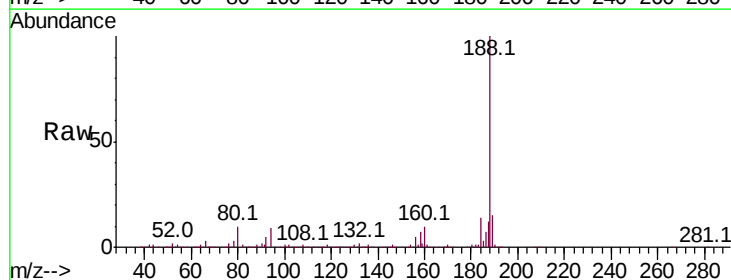


Abundance Ion 77.00 (76.70 to 77.70): BM017163.D (-2148) (-)  
Ion 182.00 (181.70 to 182.70): BM017163.D (-2148) (-)  
Ion 105.00 (104.70 to 105.70): BM017163.D (-2148) (-)  
Ion 51.00 (50.70 to 51.70): BM017163.D (-2148) (-)

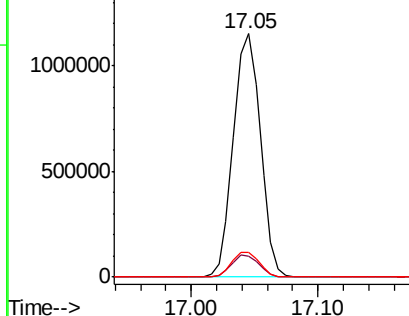
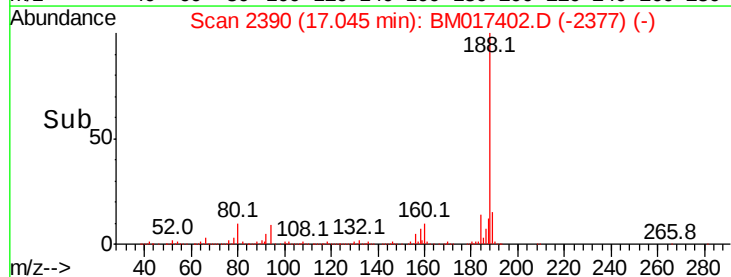


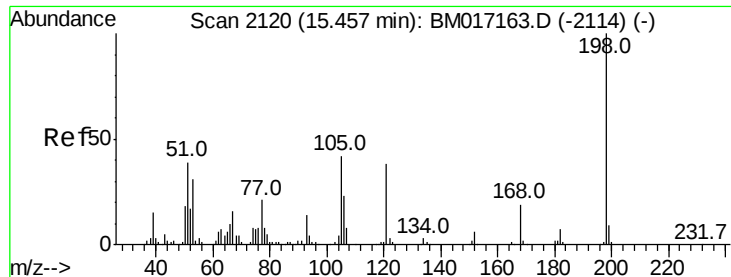
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.05 min Scan# 2390  
Delta R.T. -0.02 min  
Lab File: BM017402.D  
Acq: 29 Oct 2018 11:23

Tgt Ion: 188 Resp: 1704620  
Ion Ratio Lower Upper  
188 100  
94 8.8 7.0 10.4  
80 10.0 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): BM017163.D (-2387) (-)  
Ion 94.00 (93.70 to 94.70): BM017163.D (-2387) (-)  
Ion 80.00 (79.70 to 80.70): BM017163.D (-2387) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 43.343 ng

RT: 15.44 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BM017402.D

Acq: 29 Oct 2018 11:23

Instrument :

BNA\_M

ClientSampleId :

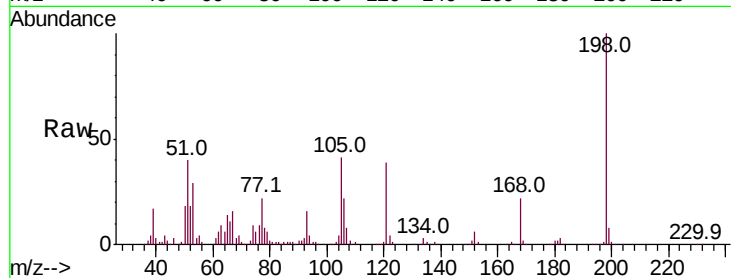
Tot Ion:198 Resp: 465740

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 40.0  | 20.3  | 60.3  |
| 105 | 40.9  | 21.9  | 61.9  |

198 100

51 40.0 20.3 60.3

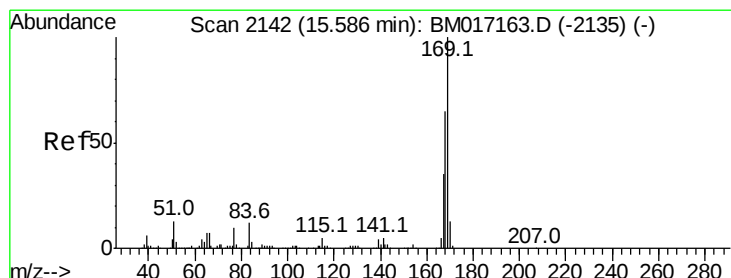
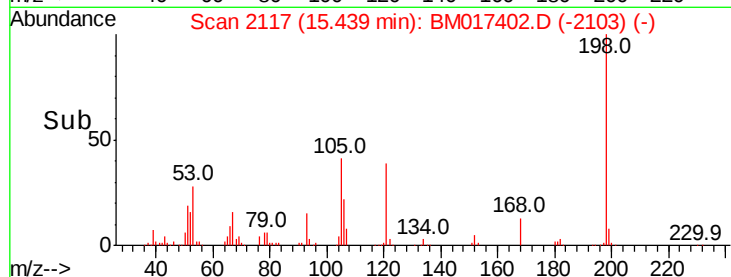
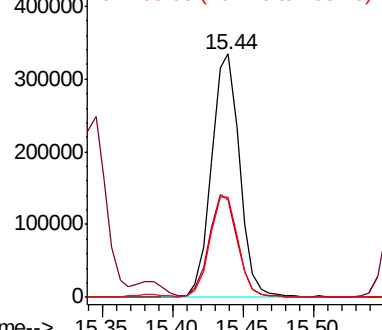
105 40.9 21.9 61.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.884 ng

RT: 15.56 min Scan# 2138

Delta R.T. -0.02 min

Lab File: BM017402.D

Acq: 29 Oct 2018 11:23

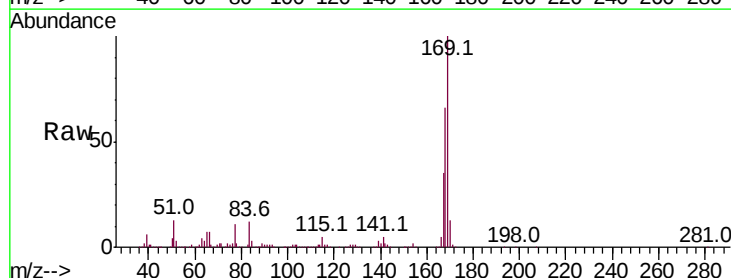
Tgt Ion:169 Resp: 2108520

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 65.9  | 52.2  | 78.4  |
| 167 | 35.0  | 28.4  | 42.6  |

169 100

168 65.9 52.2 78.4

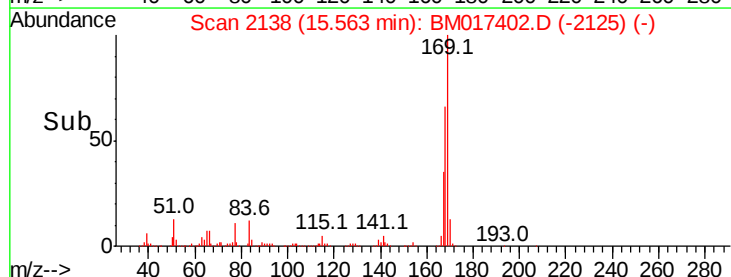
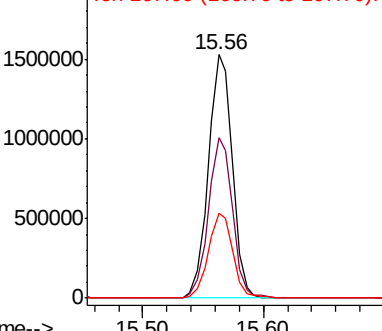
167 35.0 28.4 42.6

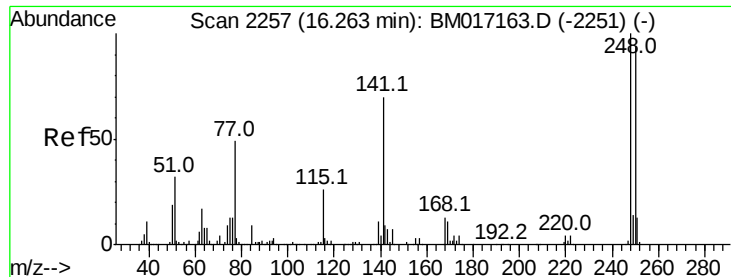


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

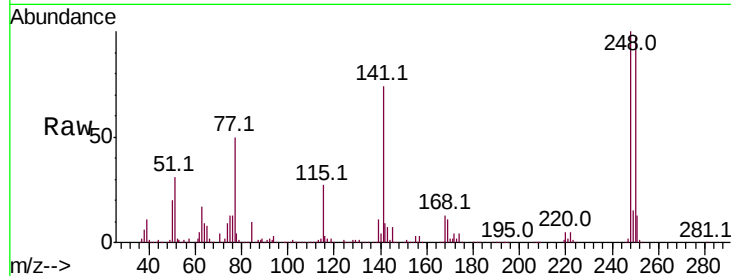




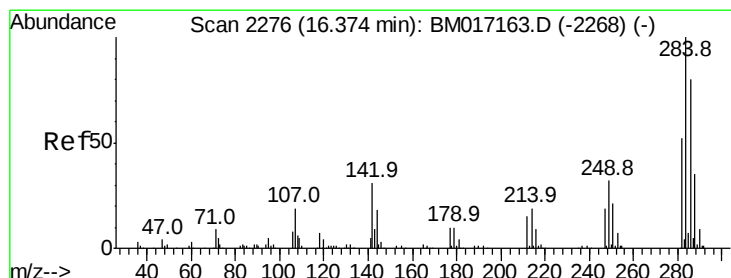
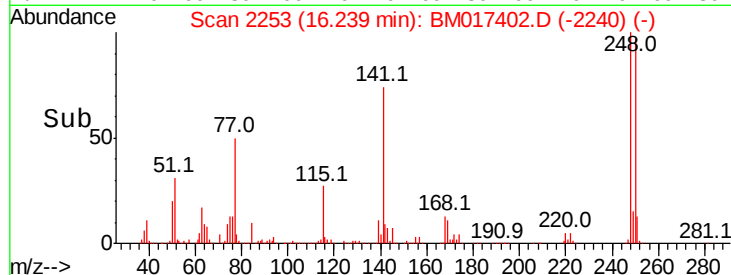
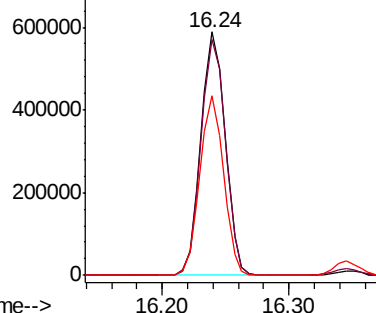
#67  
4-Bromophenyl-phenylether  
Concen: 41.735 ng  
RT: 16.24 min Scan# 2253  
Delta R.T. -0.02 min  
Lab File: BM017402.D  
Acq: 29 Oct 2018 11:23

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.8  | 75.1  | 112.7 |
| 141     | 73.7  | 55.6  | 83.4  |

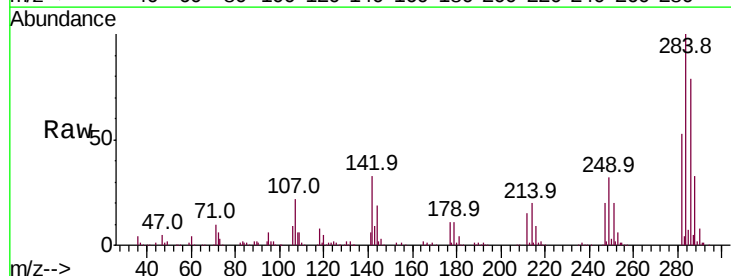


Abundance Ion 248.00 (247.70 to 248.70): E  
800000 Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

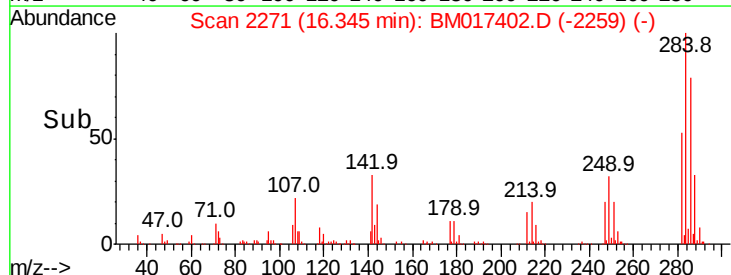
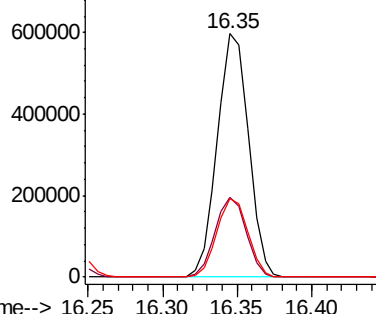


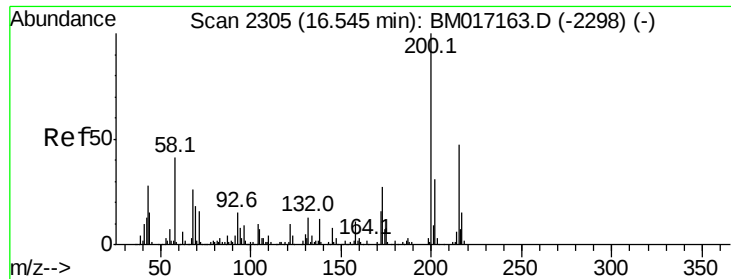
#68  
Hexachlorobenzene  
Concen: 39.840 ng  
RT: 16.35 min Scan# 2271  
Delta R.T. -0.03 min  
Lab File: BM017402.D  
Acq: 29 Oct 2018 11:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 32.8  | 25.0  | 37.6  |
| 249     | 32.3  | 25.5  | 38.3  |



Abundance Ion 283.80 (283.50 to 284.50): E  
800000 Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 40.559 ng

RT: 16.53 min Scan# 2302

Delta R.T. -0.02 min

Lab File: BM017402.D

Acq: 29 Oct 2018 11:23

Instrument :

BNA\_M

ClientSampleId :

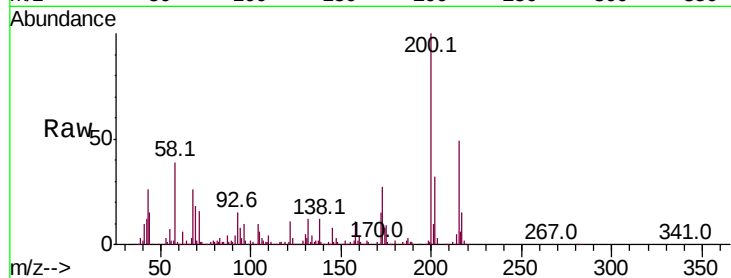
Tot Ion:200 Resp: 748654

Ion Ratio Lower Upper

200 100

173 27.0 7.0 47.0

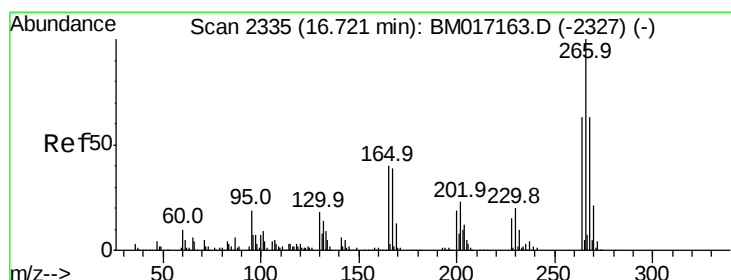
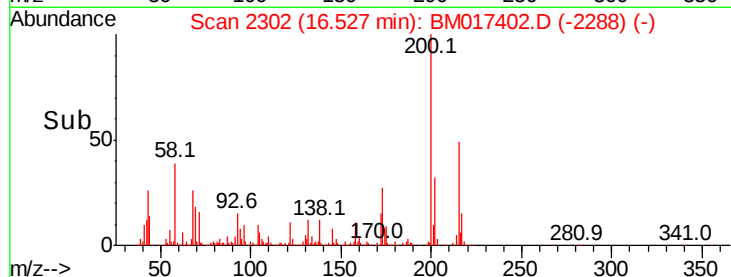
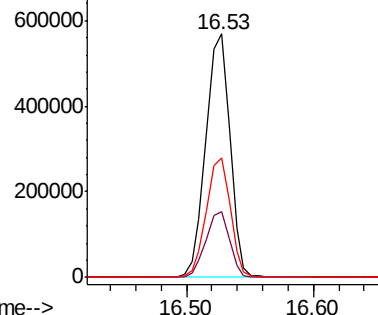
215 49.0 27.3 67.3



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



#70

Pentachlorophenol

Concen: 42.496 ng

RT: 16.70 min Scan# 2331

Delta R.T. -0.02 min

Lab File: BM017402.D

Acq: 29 Oct 2018 11:23

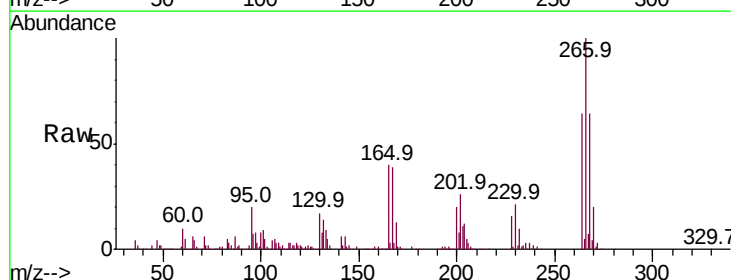
Tgt Ion:266 Resp: 632917

Ion Ratio Lower Upper

266 100

268 64.2 50.7 76.1

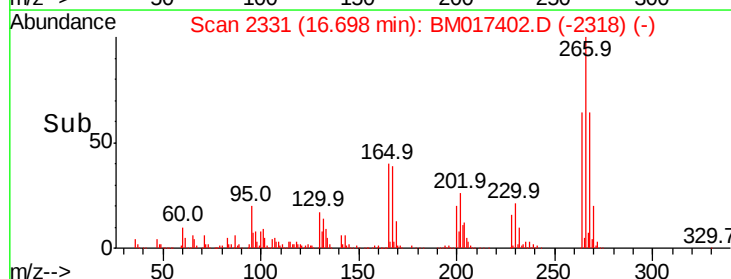
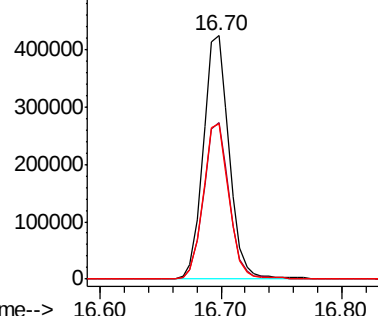
264 63.6 50.4 75.6

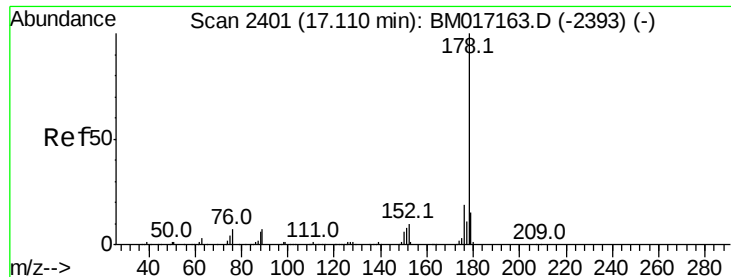


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

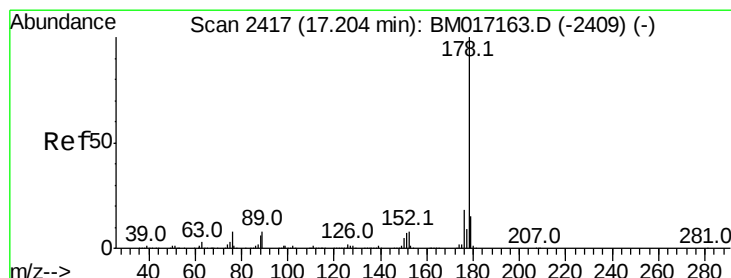
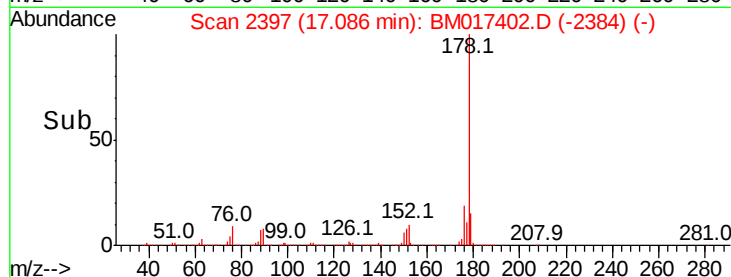
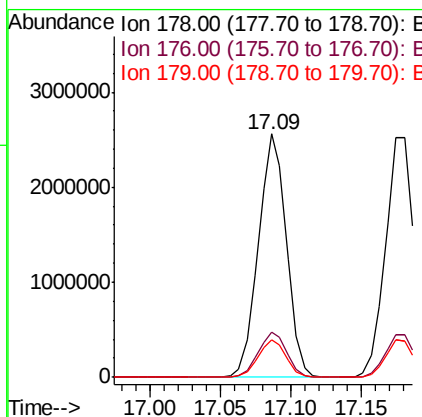
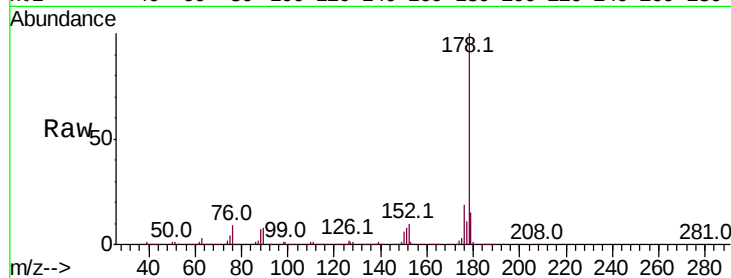




#71  
Phenanthrene  
Concen: 38.995 ng  
RT: 17.09 min Scan# 2397  
Delta R.T. -0.02 min  
Lab File: BM017402.D  
Acq: 29 Oct 2018 11:23

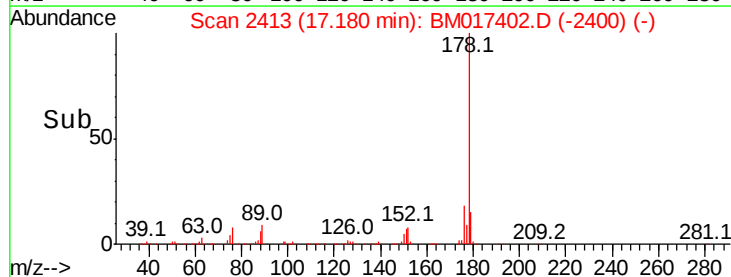
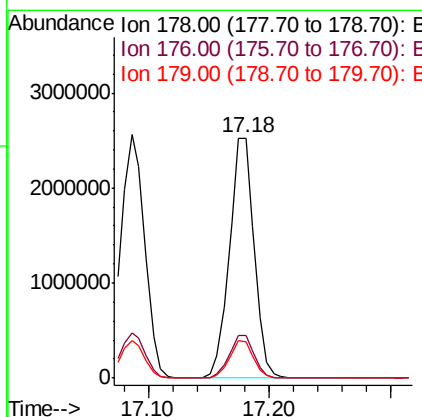
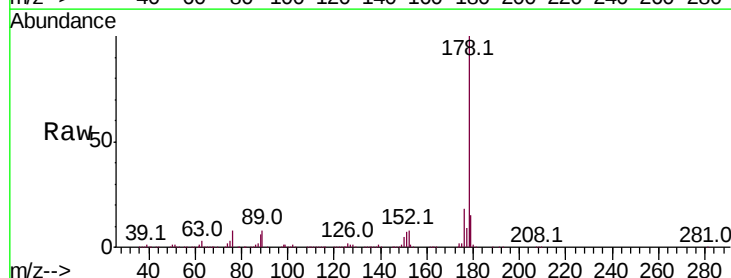
Instrument :  
BNA\_M  
ClientSampleId :

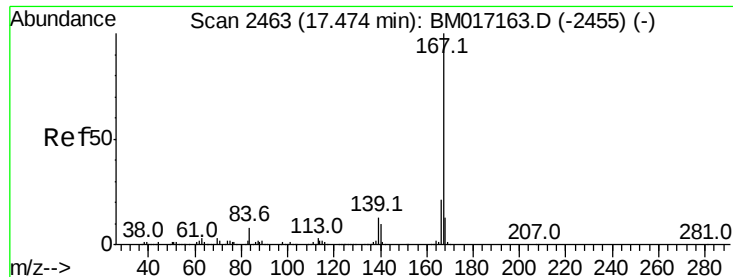
Tot Ion:178 Resp: 3586367  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.0 22.6  
179 15.2 12.3 18.5



#72  
Anthracene  
Concen: 41.087 ng  
RT: 17.18 min Scan# 2413  
Delta R.T. -0.02 min  
Lab File: BM017402.D  
Acq: 29 Oct 2018 11:23

Tgt Ion:178 Resp: 3590506  
Ion Ratio Lower Upper  
178 100  
176 17.8 14.5 21.7  
179 15.2 12.2 18.2



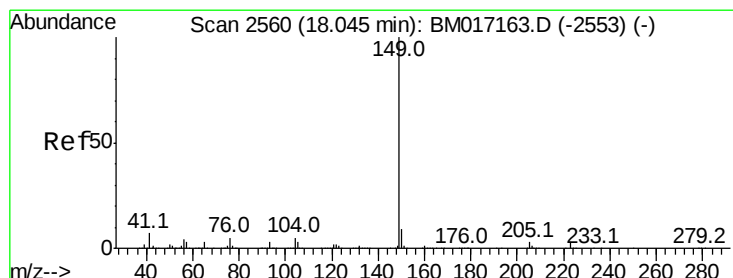
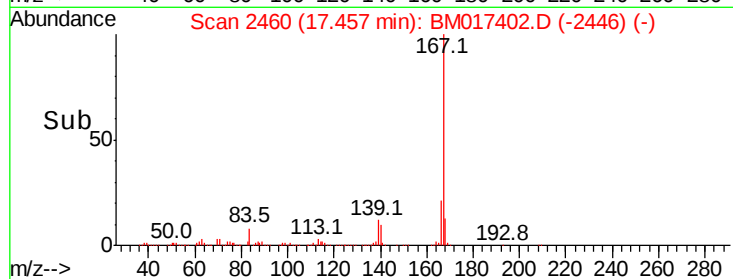
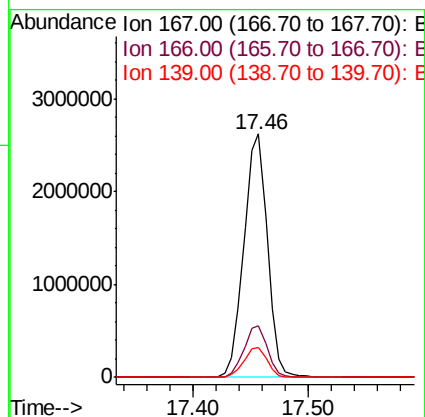
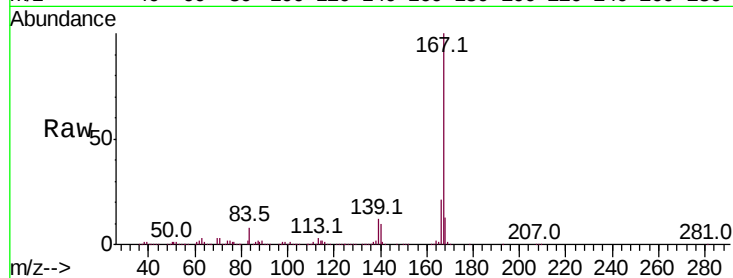


#73  
 Carbazole  
 Concen: 41.519 ng  
 RT: 17.46 min Scan# 2460  
 Delta R.T. -0.02 min  
 Lab File: BM017402.D  
 Acq: 29 Oct 2018 11:23

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:167 Resp: 3706298  

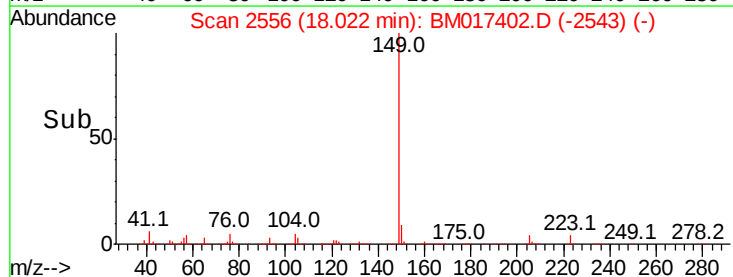
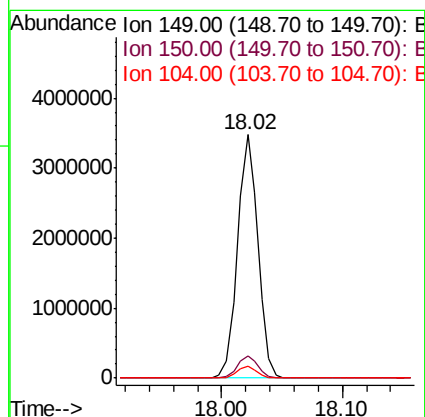
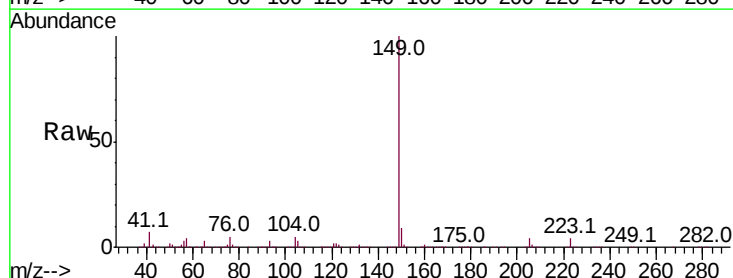
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.3  | 17.1  | 25.7  |
| 139 | 12.3  | 10.1  | 15.1  |

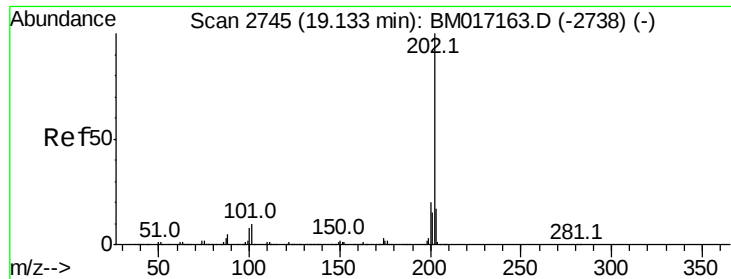


#74  
 Di-n-butylphthalate  
 Concen: 43.417 ng  
 RT: 18.02 min Scan# 2556  
 Delta R.T. -0.02 min  
 Lab File: BM017402.D  
 Acq: 29 Oct 2018 11:23

Tgt Ion:149 Resp: 4087767  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.2   | 7.4   | 11.0  |
| 104 | 4.9   | 4.3   | 6.5   |





#75

Fluoranthene

Concen: 41.547 ng

RT: 19.11 min Scan# 2741

Delta R.T. -0.02 min

Lab File: BM017402.D

Acq: 29 Oct 2018 11:23

Instrument :

BNA\_M

ClientSampleId :

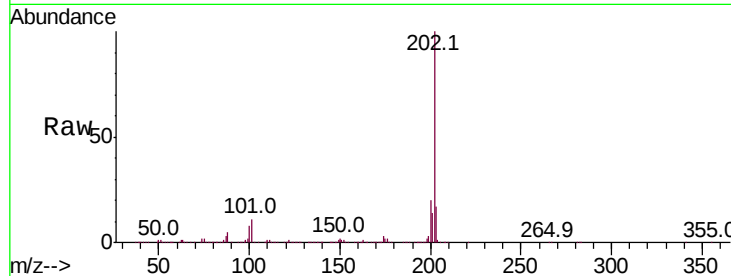
Tot Ion:202 Resp: 4299755

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.0

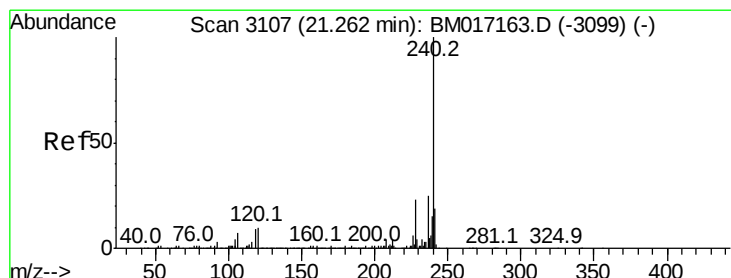
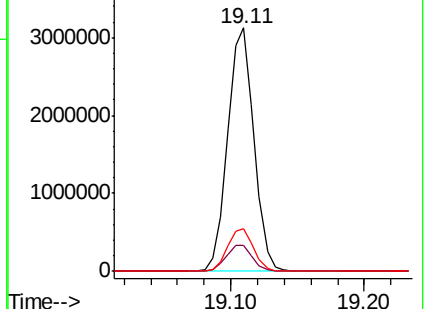
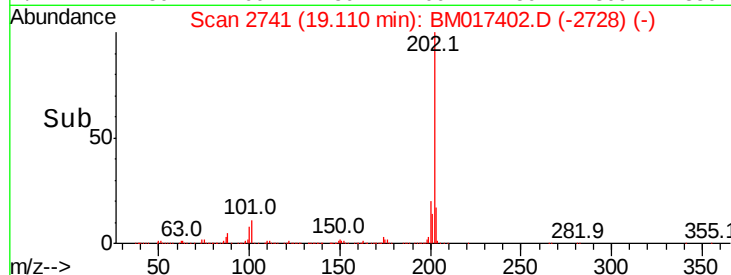
203 17.3 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.24 min Scan# 3104

Delta R.T. -0.02 min

Lab File: BM017402.D

Acq: 29 Oct 2018 11:23

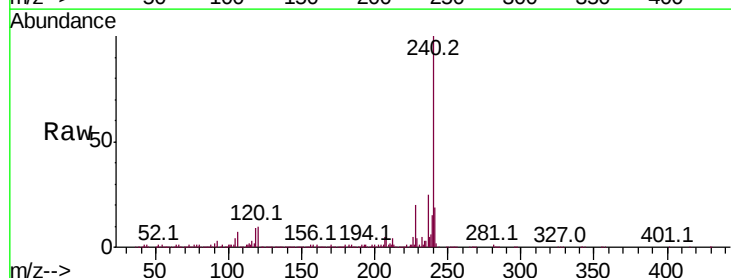
Tgt Ion:240 Resp: 1935375

Ion Ratio Lower Upper

240 100

120 10.2 8.1 12.1

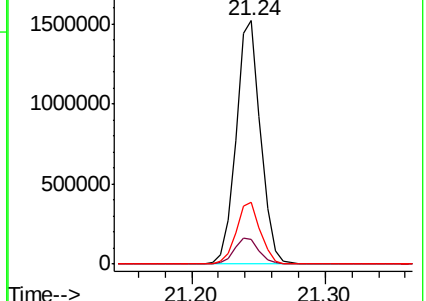
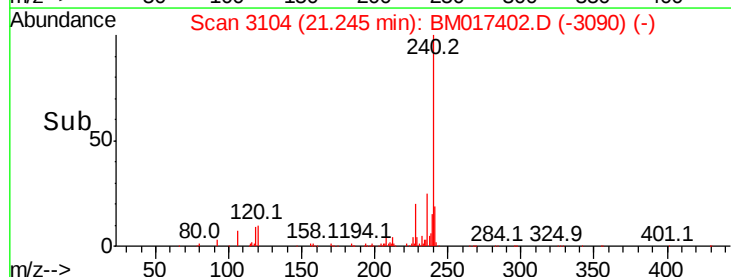
236 25.3 19.9 29.9

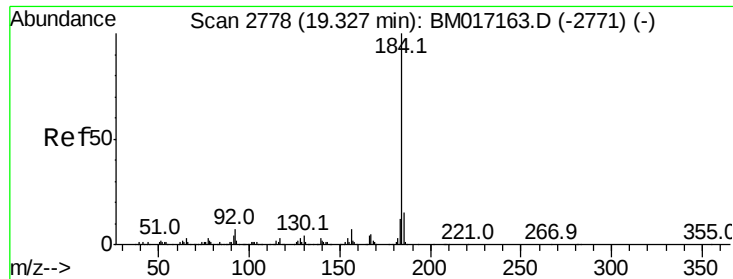


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.134 ng

RT: 19.30 min Scan# 2774

Delta R.T. -0.02 min

Lab File: BM017402.D

Acq: 29 Oct 2018 11:23

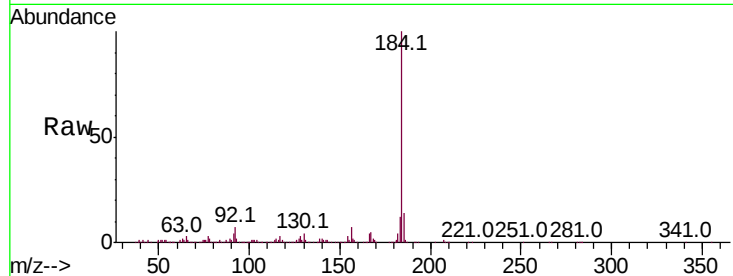
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:184 Resp: 2018623

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 13.9  | 11.8  | 17.8  |
| 183 | 12.0  | 9.7   | 14.5  |

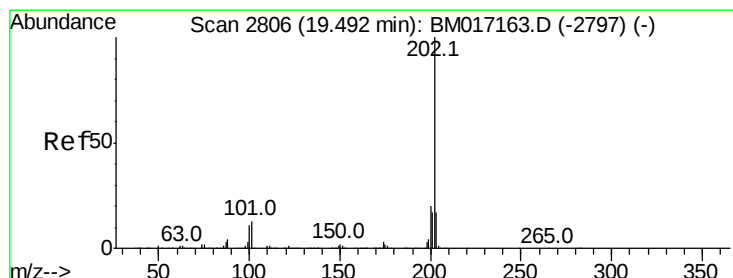
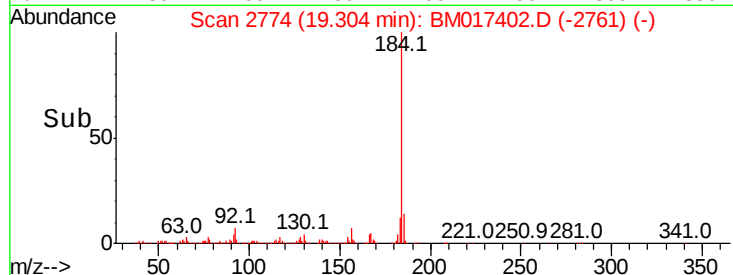
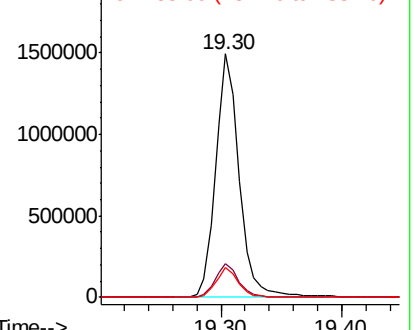


Abundance

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



#78

Pyrene

Concen: 41.694 ng

RT: 19.47 min Scan# 2803

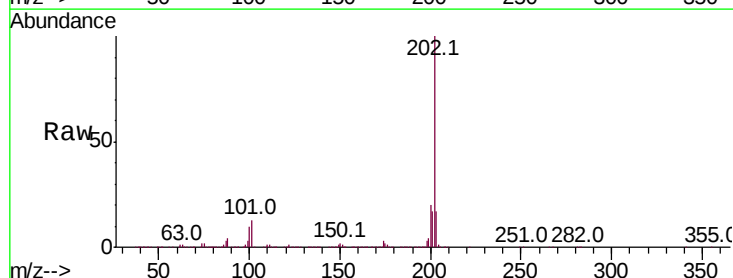
Delta R.T. -0.02 min

Lab File: BM017402.D

Acq: 29 Oct 2018 11:23

Tgt Ion:202 Resp: 4510047

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 20.3  | 16.3  | 24.5  |
| 203 | 17.2  | 13.9  | 20.9  |

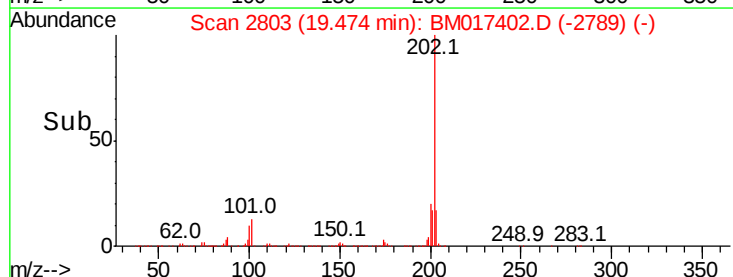
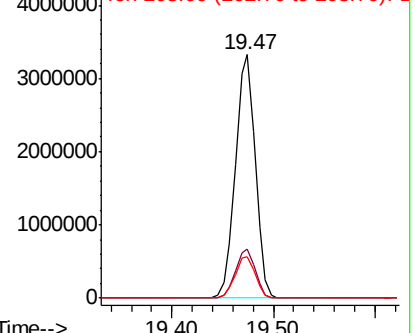


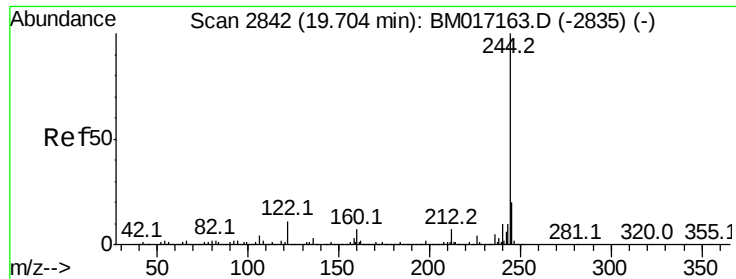
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.157 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BM017402.D

Acq: 29 Oct 2018 11:23

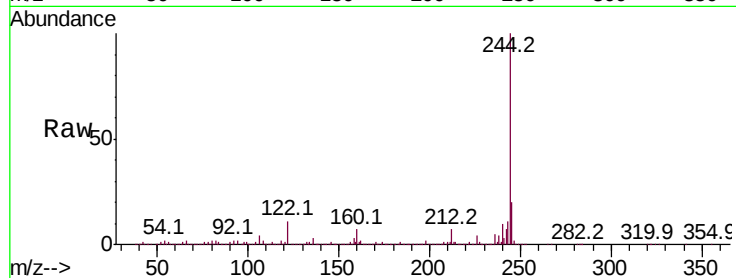
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:244 Resp: 7054317

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.2   | 5.5   | 8.3   |
| 122 | 10.7  | 8.4   | 12.6  |

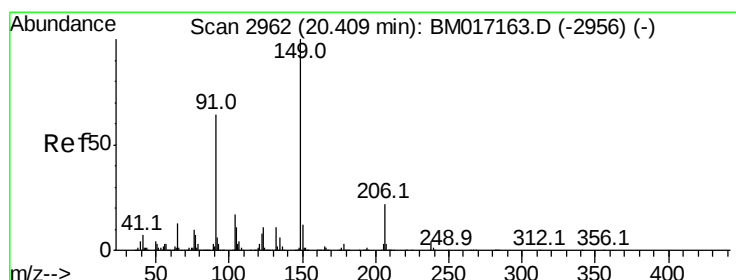
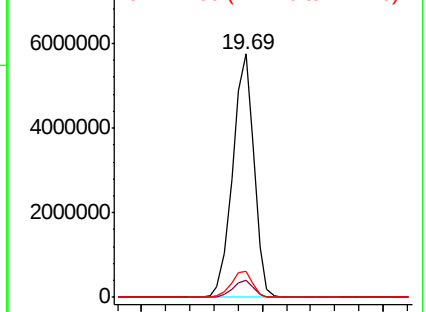
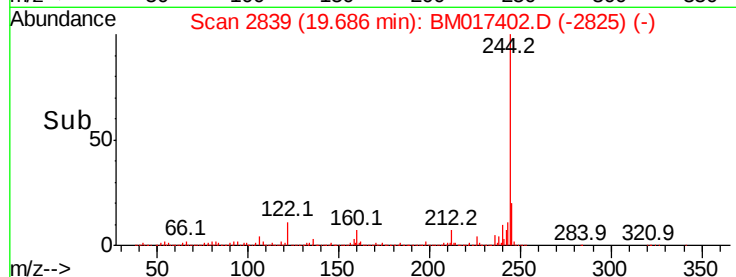


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.033 ng

RT: 20.39 min Scan# 2958

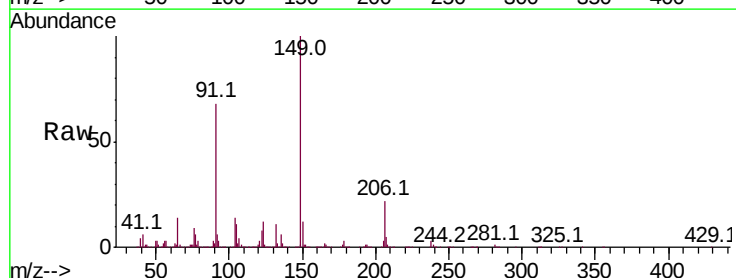
Delta R.T. -0.02 min

Lab File: BM017402.D

Acq: 29 Oct 2018 11:23

Tgt Ion:149 Resp: 1928953

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 68.0  | 51.3  | 76.9  |
| 206 | 22.0  | 18.0  | 27.0  |

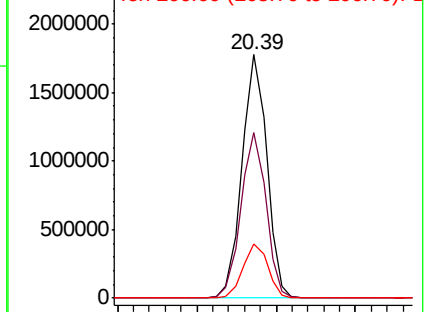
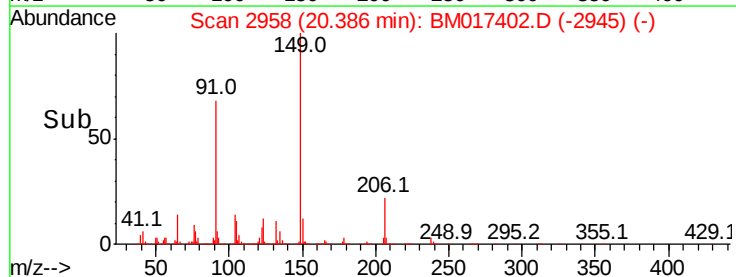


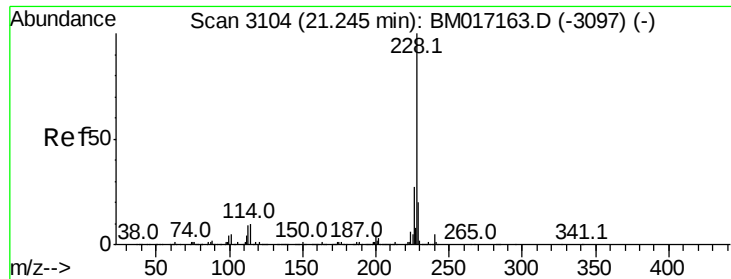
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.318 ng

RT: 21.23 min Scan# 3101

Delta R.T. -0.02 min

Lab File: BM017402.D

Acq: 29 Oct 2018 11:23

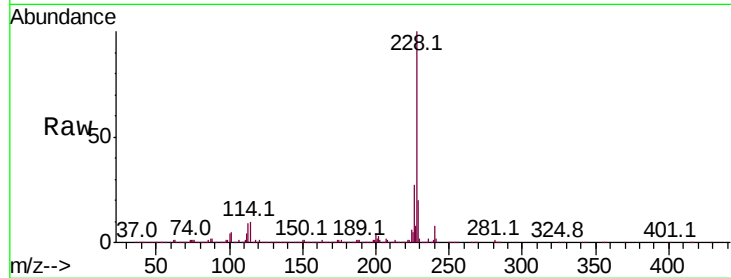
Instrument :

BNA\_M

ClientSampled :

Tot Ion:228 Resp: 4391129

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 27.0  | 21.4  | 32.0  |
| 229 | 19.6  | 15.9  | 23.9  |

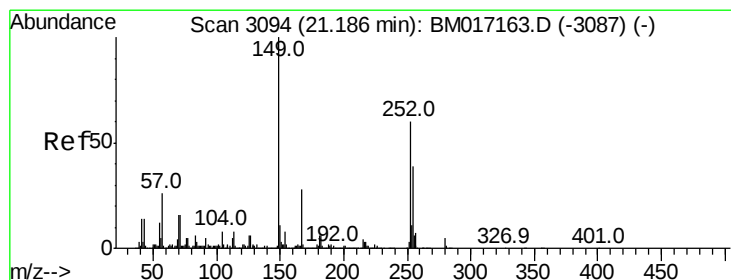
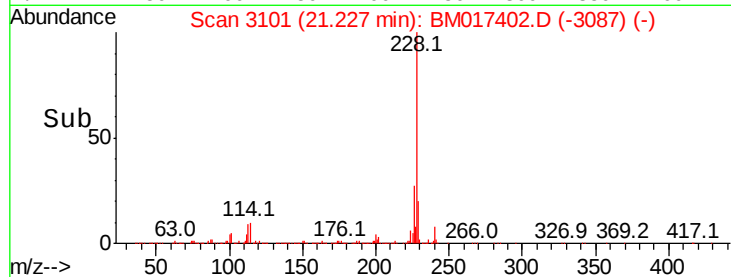
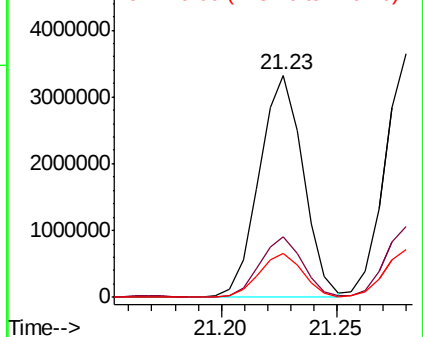


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.340 ng

RT: 21.17 min Scan# 3091

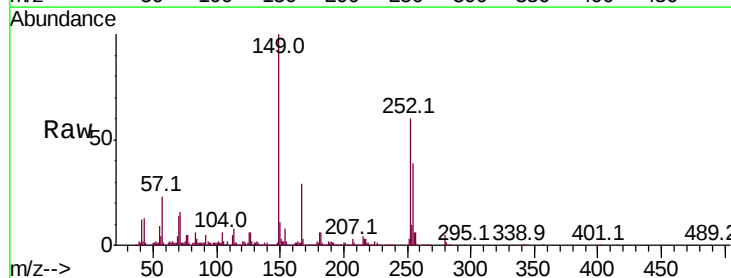
Delta R.T. -0.02 min

Lab File: BM017402.D

Acq: 29 Oct 2018 11:23

Tgt Ion:252 Resp: 1759240

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 64.9  | 52.1  | 78.1  |
| 126 | 10.8  | 8.6   | 12.8  |

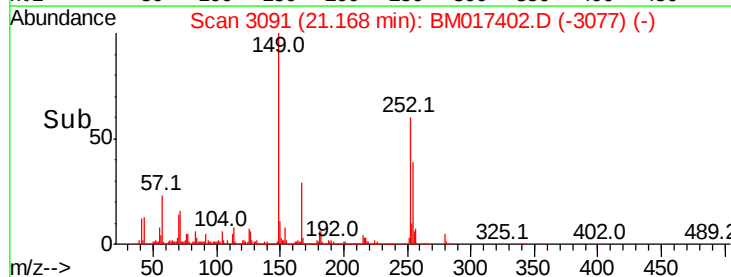
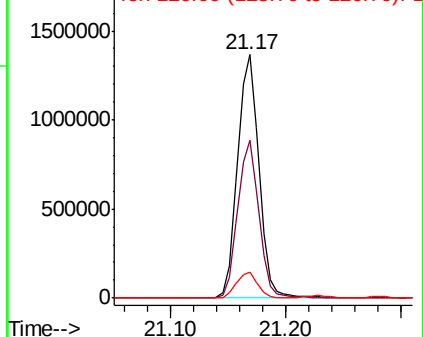


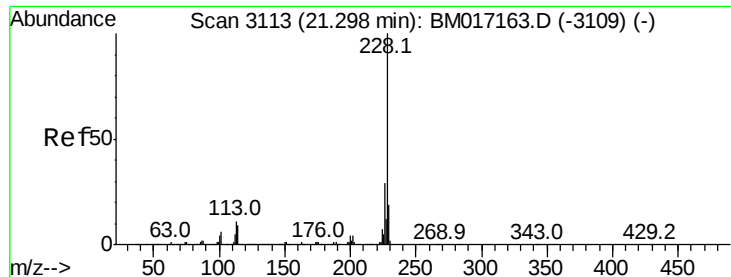
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.531 ng

RT: 21.28 min Scan# 3110

Delta R.T. -0.02 min

Lab File: BM017402.D

Acq: 29 Oct 2018 11:23

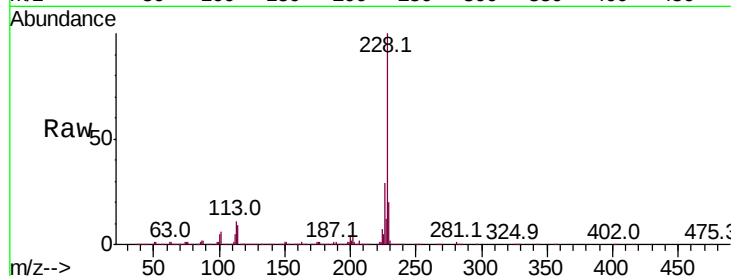
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:228 Resp: 4261482

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.3  | 23.3  | 34.9  |
| 229 | 19.6  | 15.6  | 23.4  |

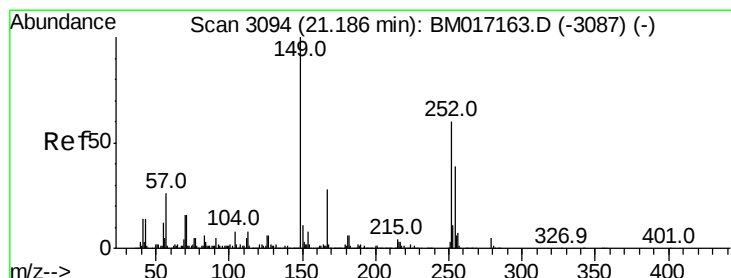
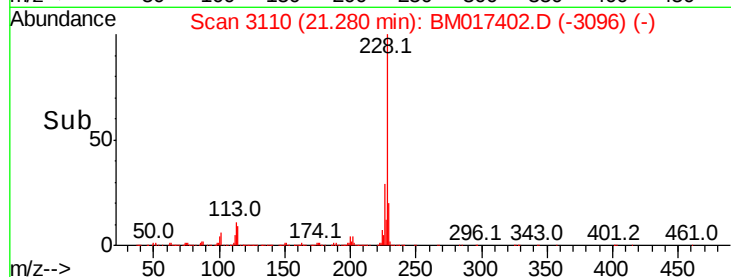
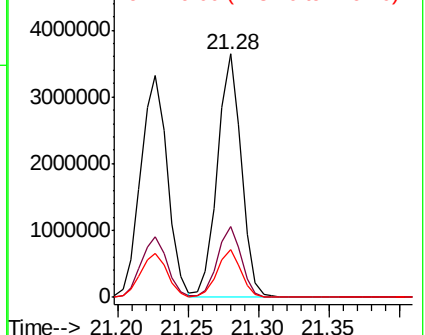


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.084 ng

RT: 21.16 min Scan# 3090

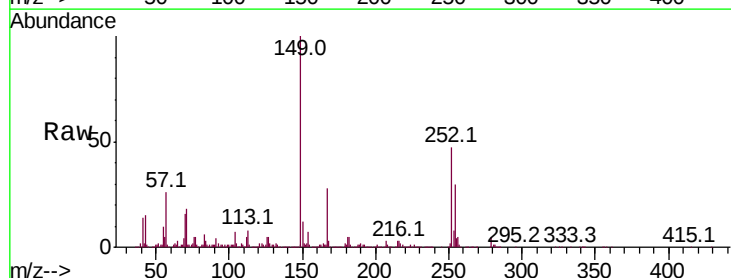
Delta R.T. -0.02 min

Lab File: BM017402.D

Acq: 29 Oct 2018 11:23

Tgt Ion:149 Resp: 2674850

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.3  | 22.2  | 33.4  |
| 279 | 4.6   | 3.6   | 5.4   |

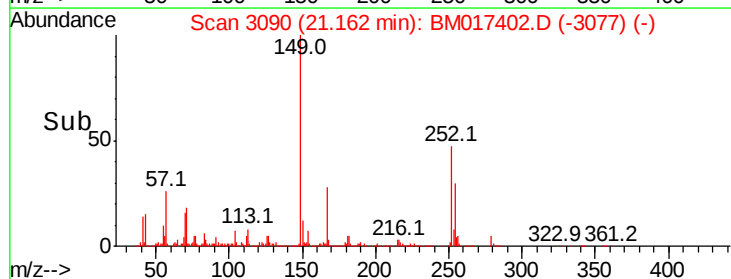
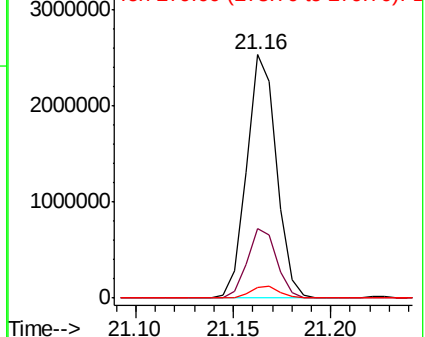


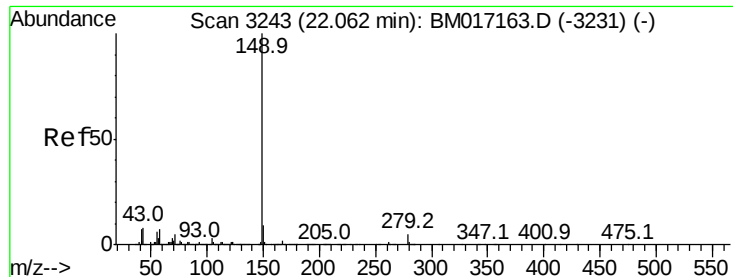
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

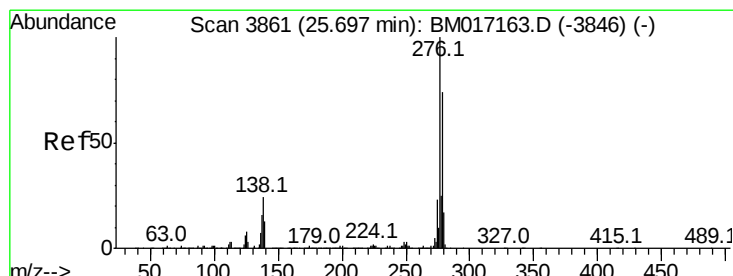
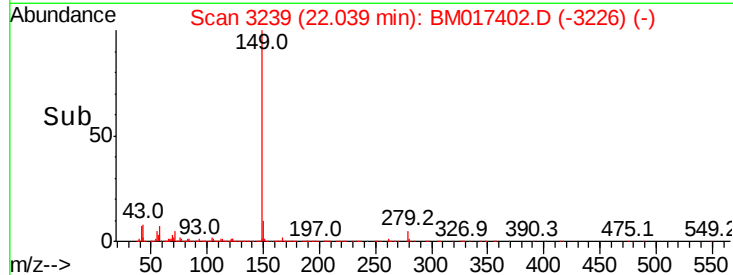
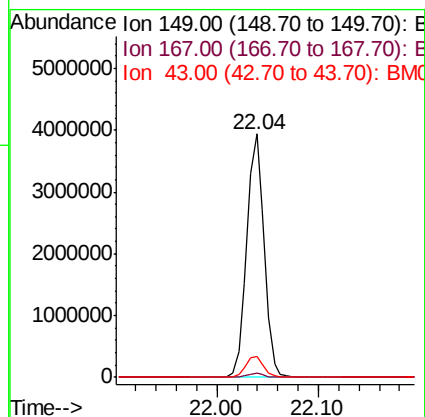
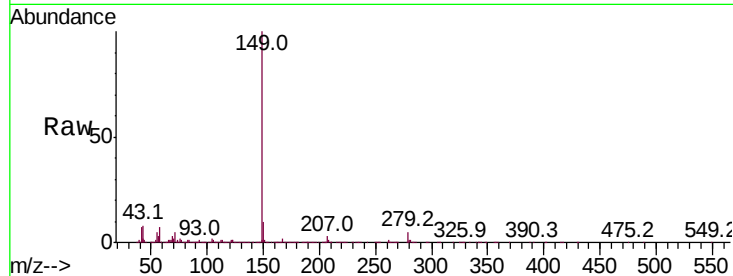




#85  
Di-n-octyl phthalate  
Concen: 44.346 ng  
RT: 22.04 min Scan# 3239  
Delta R.T. -0.02 min  
Lab File: BM017402.D  
Acq: 29 Oct 2018 11:23

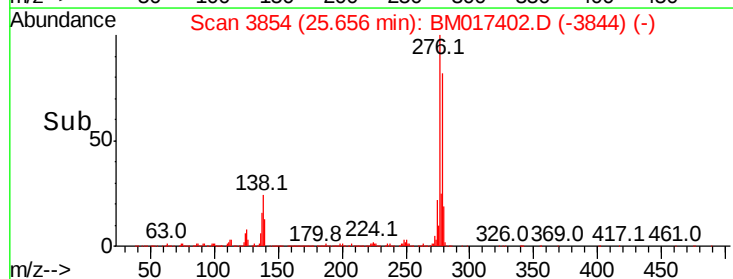
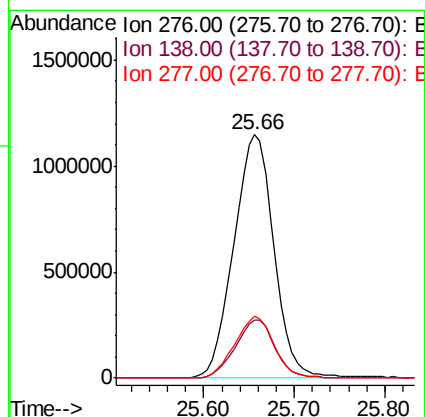
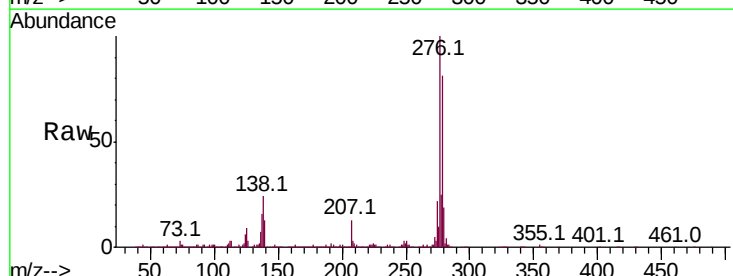
Instrument :  
BNA\_M  
ClientSampled :

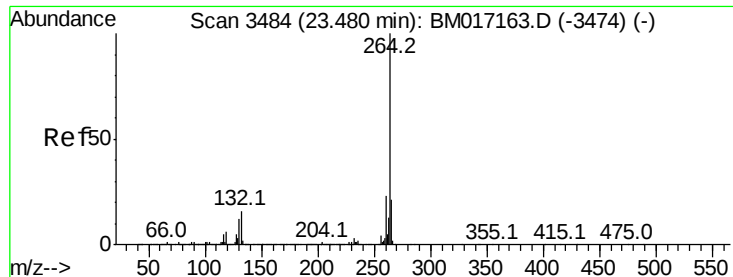
Tot Ion:149 Resp: 4680200  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.4 2.0  
43 8.7 7.2 10.8



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 28.969 ng  
RT: 25.66 min Scan# 3854  
Delta R.T. -0.04 min  
Lab File: BM017402.D  
Acq: 29 Oct 2018 11:23

Tgt Ion:276 Resp: 3492876  
Ion Ratio Lower Upper  
276 100  
138 23.7 19.5 29.3  
277 25.1 20.1 30.1

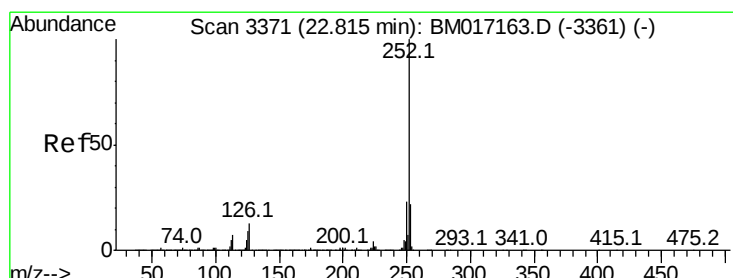
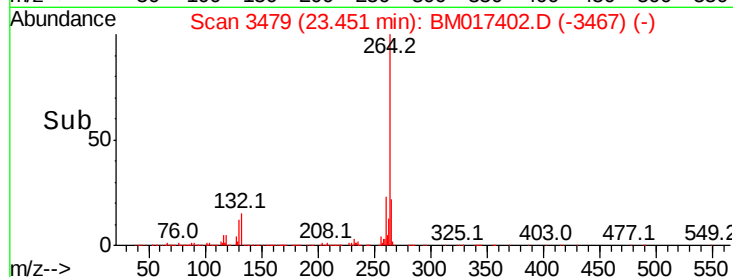
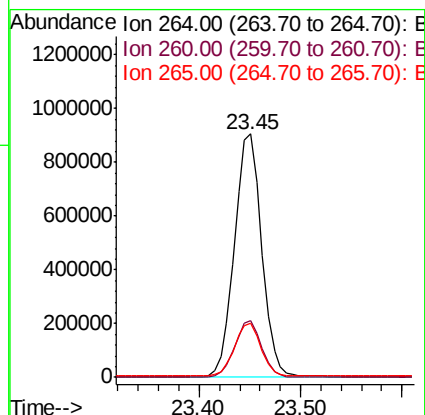
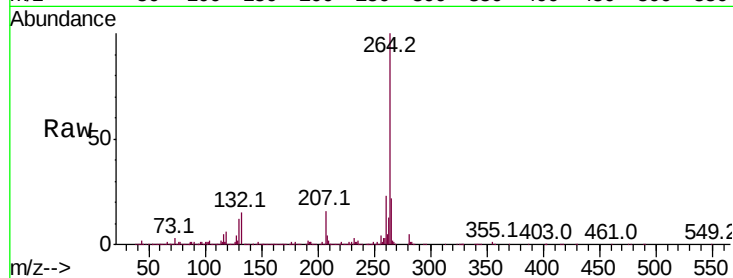




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.45 min Scan# 3479  
Delta R.T. -0.03 min  
Lab File: BM017402.D  
Acq: 29 Oct 2018 11:23

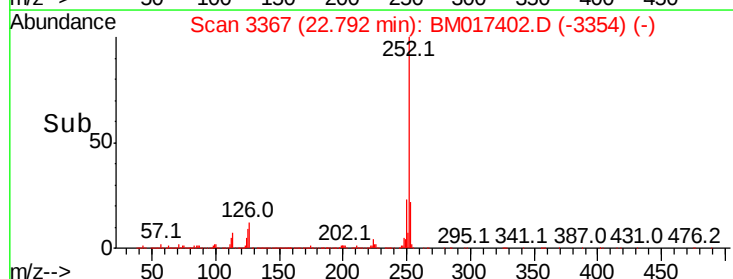
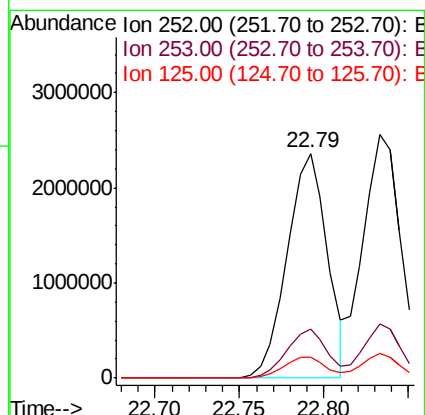
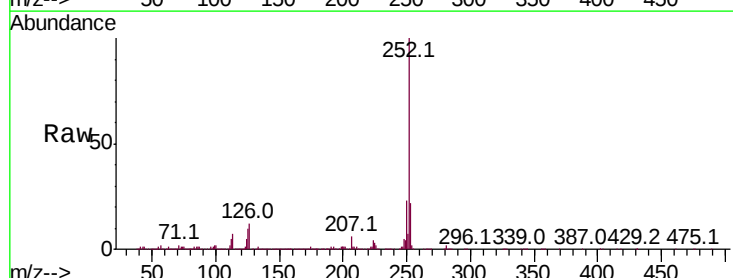
Instrument :  
BNA\_M  
ClientSampleId :

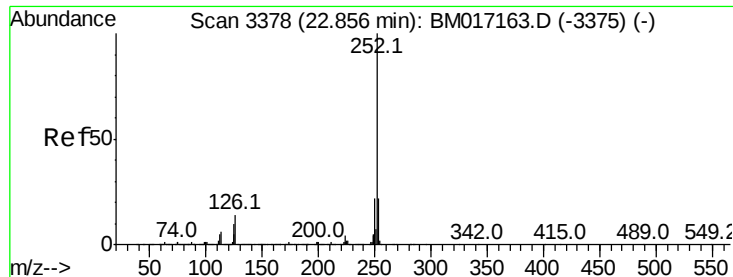
Tot Ion:264 Resp: 1699757  
Ion Ratio Lower Upper  
264 100  
260 23.1 18.6 27.8  
265 22.1 17.8 26.8



#88  
Benzo(b)fluoranthene  
Concen: 41.776 ng  
RT: 22.79 min Scan# 3367  
Delta R.T. -0.02 min  
Lab File: BM017402.D  
Acq: 29 Oct 2018 11:23

Tgt Ion:252 Resp: 3882308  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.4 26.2  
125 9.5 7.5 11.3

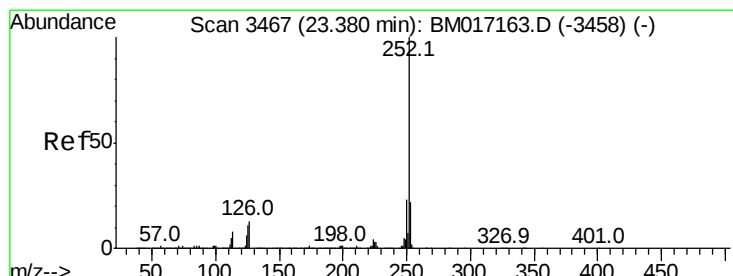
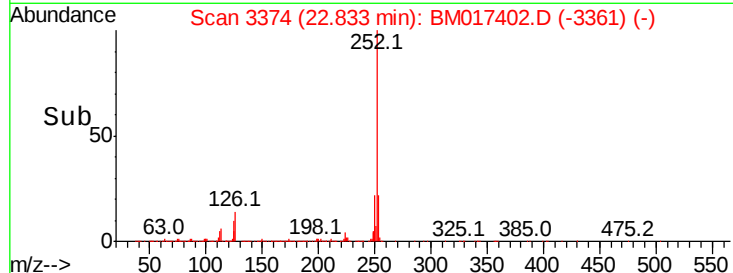
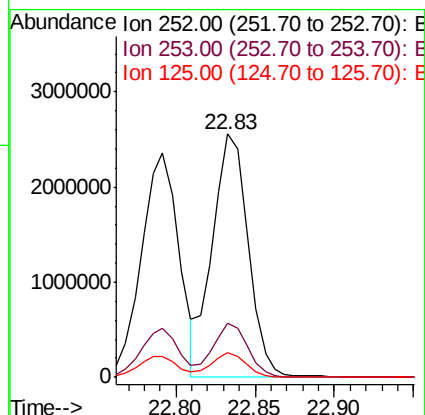
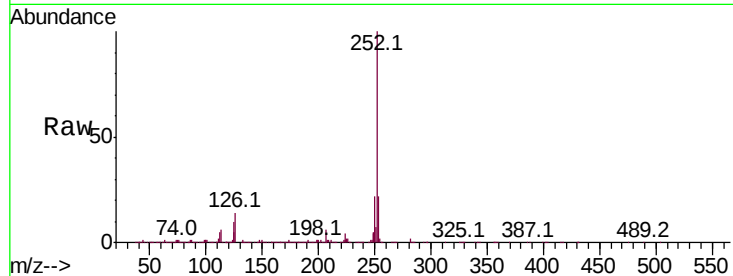




#89  
Benzo(k)fluoranthene  
Concen: 43.022 ng  
RT: 22.83 min Scan# 3374  
Delta R.T. -0.02 min  
Lab File: BM017402.D  
Acq: 29 Oct 2018 11:23

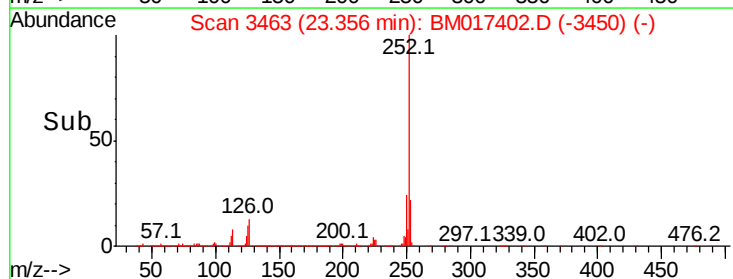
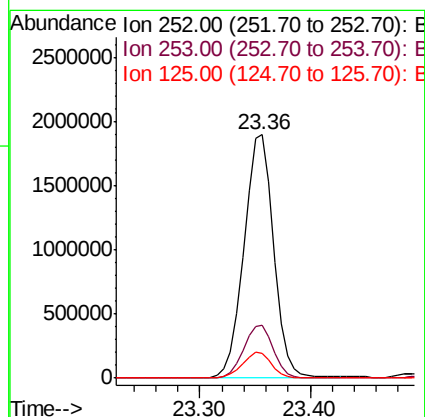
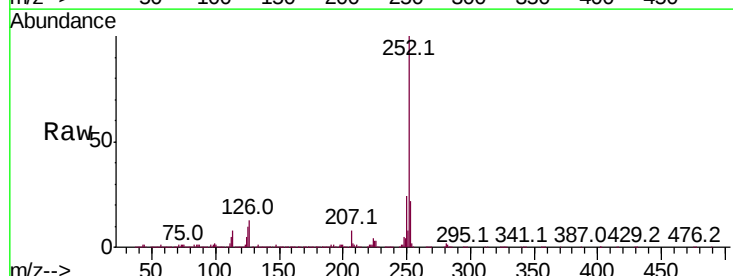
Instrument :  
BNA\_M  
ClientSampleId :

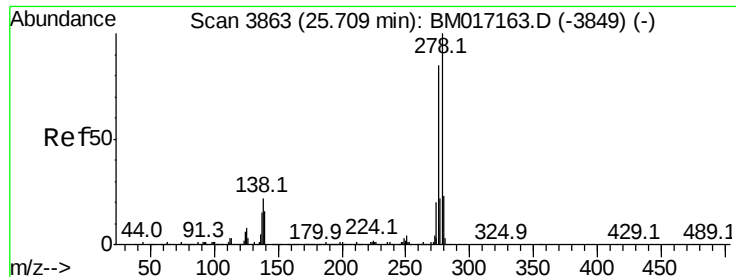
Tot Ion:252 Resp: 4011828  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.5 26.3  
125 9.9 8.2 12.2



#90  
Benzo(a)pyrene  
Concen: 40.777 ng  
RT: 23.36 min Scan# 3463  
Delta R.T. -0.02 min  
Lab File: BM017402.D  
Acq: 29 Oct 2018 11:23

Tgt Ion:252 Resp: 3597981  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.4 26.0  
125 10.3 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 34.702 ng

RT: 25.67 min Scan# 3856

Delta R.T. -0.04 min

Lab File: BM017402.D

Acq: 29 Oct 2018 11:23

Instrument :

BNA\_M

ClientSampleId :

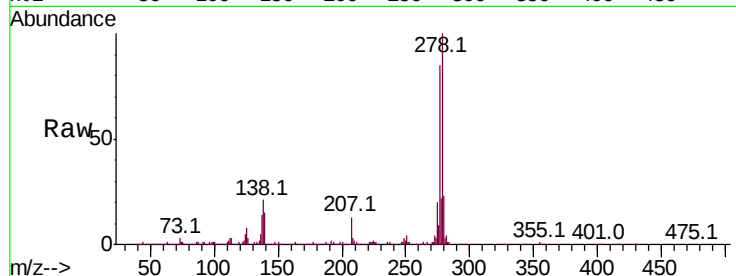
Tot Ion:278 Resp: 3040425

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 14.8  | 12.7  | 19.1  |
| 279 | 23.3  | 18.7  | 28.1  |

278 100

139 14.8 12.7 19.1

279 23.3 18.7 28.1

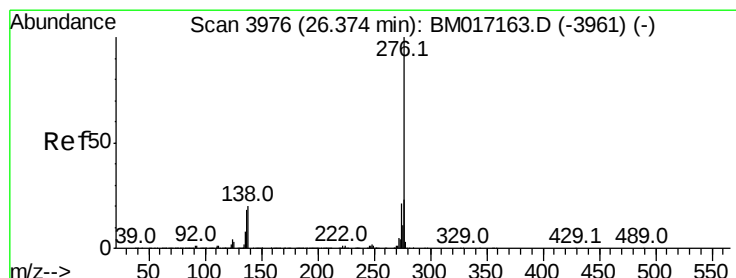
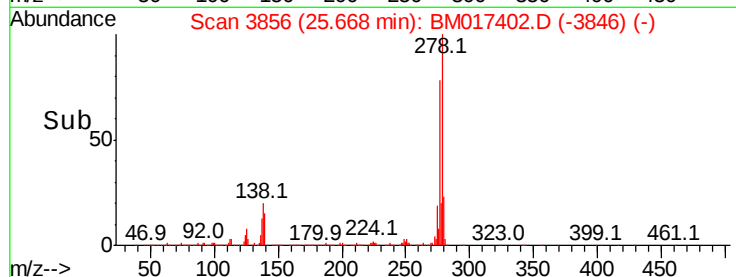
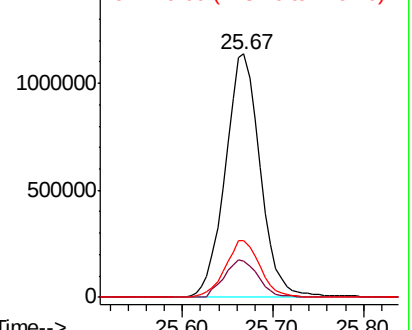


Abundance

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



#92

Benzo(g,h,i)perylene

Concen: 31.003 ng

RT: 26.33 min Scan# 3968

Delta R.T. -0.05 min

Lab File: BM017402.D

Acq: 29 Oct 2018 11:23

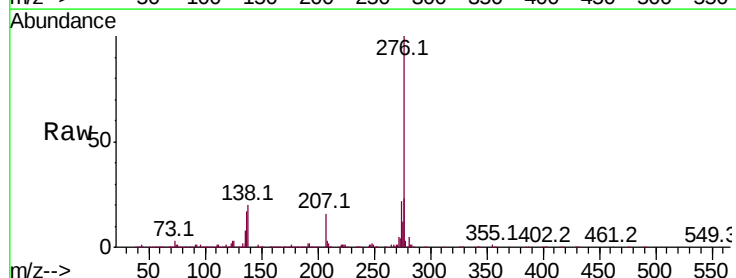
Tgt Ion:276 Resp: 2692240

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.5  | 18.6  | 28.0  |
| 138 | 20.2  | 16.4  | 24.6  |

276 100

277 23.5 18.6 28.0

138 20.2 16.4 24.6



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

