

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110718\  
 Data File : BM017532.D  
 Acq On : 06 Nov 2018 18:18  
 Operator : MJ/SJ  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Nov 07 08:35:47 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 29 15:08:36 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.63  | 152  | 231670   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.40 | 136  | 1066986  | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 14.27 | 164  | 671890   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 17.02 | 188  | 1624833  | 20.00 | ng    | -0.02    |
| 76) Chrysene-d12          | 21.23 | 240  | 1967558  | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 23.42 | 264  | 2000384  | 20.00 | ng    | -0.03    |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.25  | 112 | 1095020 | 79.94 | ng | -0.02 |
| 7) Phenol-d6             | 6.82  | 99  | 1548899 | 83.03 | ng | -0.02 |
| 23) Nitrobenzene-d5      | 8.78  | 82  | 1633489 | 89.54 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 15.77 | 330 | 854031  | 93.99 | ng | -0.02 |
| 45) 2-Fluorobiphenyl     | 12.89 | 172 | 4058376 | 80.37 | ng | -0.02 |
| 79) Terphenyl-d14        | 19.67 | 244 | 7455318 | 85.41 | ng | -0.02 |

## Target Compounds

|                                |       |     |         |       |    | Qvalue |
|--------------------------------|-------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.24  | 88  | 257028  | 36.75 | ng | # 81   |
| 3) Pyridine                    | 3.62  | 79  | 663238  | 41.21 | ng | # 81   |
| 4) n-Nitrosodimethylamine      | 3.54  | 42  | 288830  | 44.71 | ng | # 63   |
| 6) Aniline                     | 6.97  | 93  | 961559  | 41.21 | ng | 94     |
| 8) 2-Chlorophenol              | 7.20  | 128 | 658000  | 41.52 | ng | 96     |
| 9) Benzaldehyde                | 6.79  | 77  | 419733  | 35.29 | ng | 91     |
| 10) Phenol                     | 6.84  | 94  | 808717  | 40.28 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 7.07  | 93  | 649498  | 40.58 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 7.52  | 146 | 738965  | 40.00 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 7.66  | 146 | 753982  | 39.95 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 7.97  | 146 | 727443  | 40.01 | ng | 99     |
| 15) Benzyl Alcohol             | 7.87  | 79  | 648798  | 47.58 | ng | 94     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.16  | 45  | 972066  | 43.47 | ng | 98     |
| 17) 2-Methylphenol             | 8.07  | 107 | 553782  | 42.97 | ng | 96     |
| 18) Hexachloroethane           | 8.69  | 117 | 274819  | 42.55 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.43  | 70  | 578092  | 47.06 | ng | 94     |
| 20) 3+4-Methylphenols          | 8.40  | 107 | 788478  | 44.73 | ng | 97     |
| 22) Acetophenone               | 8.45  | 105 | 1085665 | 40.14 | ng | 97     |
| 24) Nitrobenzene               | 8.82  | 77  | 824301  | 42.72 | ng | 91     |
| 25) Isophorone                 | 9.35  | 82  | 1349631 | 44.80 | ng | 97     |
| 26) 2-Nitrophenol              | 9.53  | 139 | 400056  | 44.74 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 9.59  | 122 | 562124  | 42.20 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 9.83  | 93  | 914113  | 43.11 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.05 | 162 | 682259  | 44.11 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.26 | 180 | 750191  | 40.43 | ng | 98     |
| 31) Naphthalene                | 10.45 | 128 | 2104876 | 40.26 | ng | 100    |
| 32) Benzoic acid               | 9.76  | 122 | 511156  | 51.43 | ng | 93     |
| 33) 4-Chloroaniline            | 10.57 | 127 | 967745  | 42.85 | ng | 96     |
| 34) Hexachlorobutadiene        | 10.73 | 225 | 467502  | 39.77 | ng | 98     |
| 35) Caprolactam                | 11.38 | 113 | 254980  | 45.24 | ng | 96     |
| 36) 4-Chloro-3-methylphenol    | 11.70 | 107 | 796400  | 45.68 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.07 | 142 | 1540922 | 43.07 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.29 | 142 | 1504325 | 43.20 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.44 | 216 | 938959  | 39.68 | ng | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110718\  
 Data File : BM017532.D  
 Acq On : 06 Nov 2018 18:18  
 Operator : MJ/SJ  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

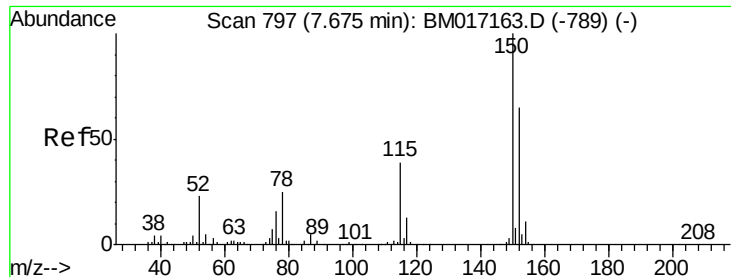
Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Nov 07 08:35:47 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 29 15:08:36 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.42 | 237  | 514723   | 45.00 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 12.69 | 196  | 606907   | 44.18 | ng    | 100      |
| 44) 2,4,5-Trichlorophenol      | 12.76 | 196  | 643742   | 43.71 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.10 | 154  | 2407122  | 39.81 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.14 | 162  | 1768153  | 39.75 | ng    | 100      |
| 48) 2-Nitroaniline             | 13.36 | 65   | 566981   | 45.46 | ng    | 98       |
| 49) Acenaphthylene             | 13.99 | 152  | 2721454  | 42.21 | ng    | 99       |
| 50) Dimethylphthalate          | 13.75 | 163  | 2280050  | 43.99 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 13.86 | 165  | 513039   | 44.97 | ng    | 93       |
| 52) Acenaphthene               | 14.34 | 154  | 1657549  | 40.95 | ng    | 98       |
| 53) 3-Nitroaniline             | 14.20 | 138  | 547373   | 44.30 | ng    | 94       |
| 54) 2,4-Dinitrophenol          | 14.40 | 184  | 294116   | 47.65 | ng    | 97       |
| 55) Dibenzofuran               | 14.67 | 168  | 2728782  | 40.53 | ng    | 98       |
| 56) 4-Nitrophenol              | 14.51 | 139  | 440085   | 41.49 | ng    | 90       |
| 57) 2,4-Dinitrotoluene         | 14.66 | 165  | 727684   | 47.45 | ng    | 91       |
| 58) Fluorene                   | 15.33 | 166  | 2146019  | 43.07 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.90 | 232  | 612629   | 45.63 | ng    | 97       |
| 60) Diethylphthalate           | 15.12 | 149  | 2411060  | 46.90 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.33 | 204  | 1215583  | 42.79 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.37 | 138  | 551641   | 40.80 | ng    | 96       |
| 63) Azobenzene                 | 15.62 | 77   | 2315644  | 46.34 | ng    | 94       |
| 65) 4,6-Dinitro-2-methylphenol | 15.42 | 198  | 479929   | 46.29 | ng    | 94       |
| 66) n-Nitrosodiphenylamine     | 15.55 | 169  | 2072008  | 42.15 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.22 | 248  | 778667   | 43.65 | ng    | 96       |
| 68) Hexachlorobenzene          | 16.33 | 284  | 875898   | 42.27 | ng    | 99       |
| 69) Atrazine                   | 16.51 | 200  | 758105   | 43.09 | ng    | 97       |
| 70) Pentachlorophenol          | 16.68 | 266  | 632386   | 44.55 | ng    | 99       |
| 71) Phenanthrene               | 17.07 | 178  | 3540594  | 40.39 | ng    | 99       |
| 72) Anthracene                 | 17.16 | 178  | 3496732  | 41.98 | ng    | 99       |
| 73) Carbazole                  | 17.44 | 167  | 3646121  | 42.85 | ng    | 100      |
| 74) Di-n-butylphthalate        | 18.00 | 149  | 4427553  | 49.34 | ng    | 99       |
| 75) Fluoranthene               | 19.09 | 202  | 4313866  | 43.73 | ng    | 99       |
| 77) Benzidine                  | 19.29 | 184  | 2261919  | 45.34 | ng    | 98       |
| 78) Pyrene                     | 19.46 | 202  | 4517296  | 41.08 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.37 | 149  | 2138485  | 50.64 | ng    | 92       |
| 81) Benzo(a)anthracene         | 21.21 | 228  | 4577533  | 41.34 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.15 | 252  | 1911256  | 46.31 | ng    | 99       |
| 83) Chrysene                   | 21.26 | 228  | 4362108  | 39.80 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.15 | 149  | 3235679  | 50.26 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.02 | 149  | 5455417  | 50.03 | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 25.62 | 276  | 4788066  | 39.06 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 22.77 | 252  | 4662849  | 42.63 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 22.81 | 252  | 4400967  | 40.10 | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.33 | 252  | 4304356  | 41.45 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.63 | 278  | 4110178  | 39.86 | ng    | 100      |
| 92) Benzo(g,h,i)perylene       | 26.29 | 276  | 3895952  | 38.12 | ng    | 99       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.63 min Scan# 789

Delta R.T. -0.02 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

Instrument :

BNA\_M

ClientSampleId :

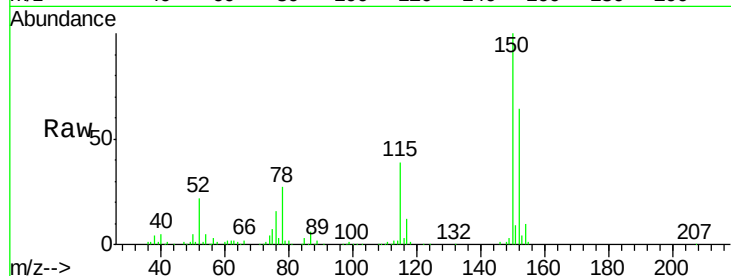
Tot Ion:152 Resp: 231670

Ion Ratio Lower Upper

152 100

150 155.8 124.3 186.5

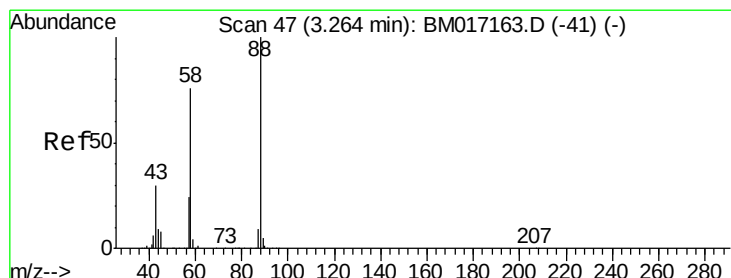
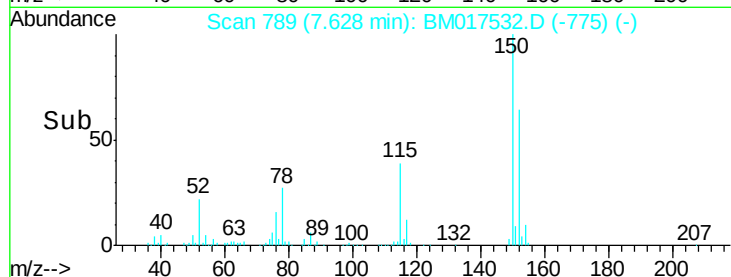
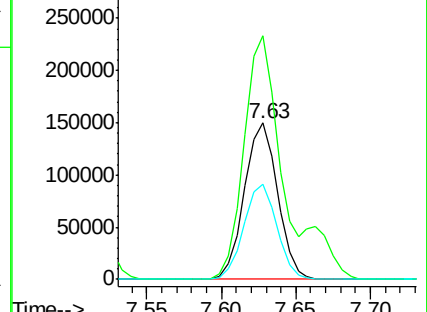
115 60.8 48.1 72.1



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: 36.75 ng

RT: 3.24 min Scan# 43

Delta R.T. -0.01 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

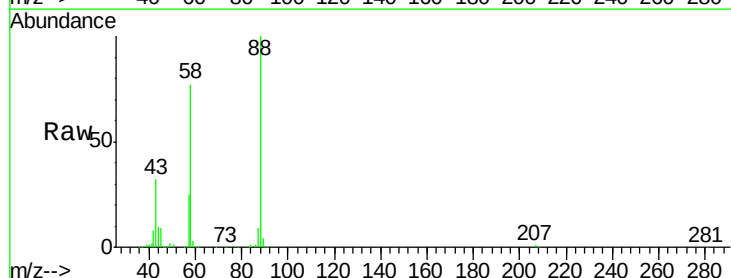
Tgt Ion: 88 Resp: 257028

Ion Ratio Lower Upper

88 100

58 78.0 50.2 75.4#

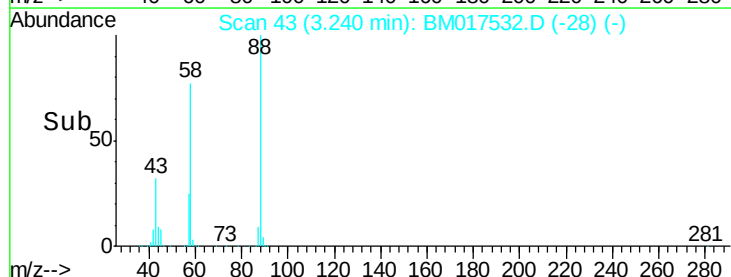
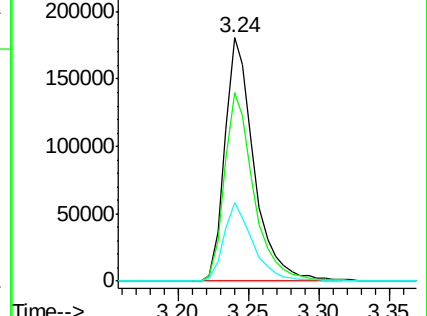
43 32.8 19.3 28.9#

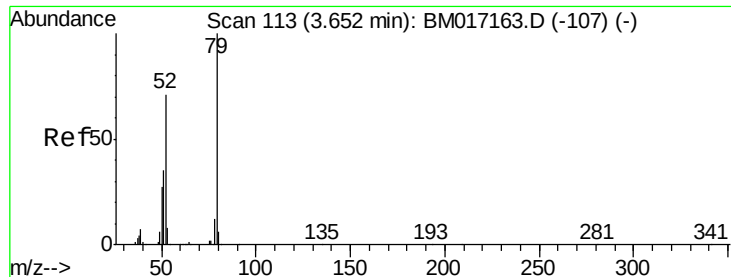


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 41.21 ng

RT: 3.62 min Scan# 108

Delta R.T. -0.01 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

Instrument :

BNA\_M

ClientSampled :

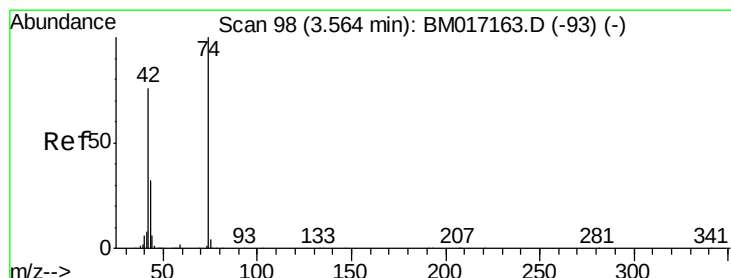
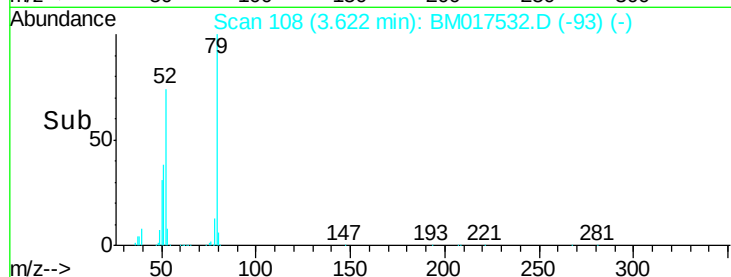
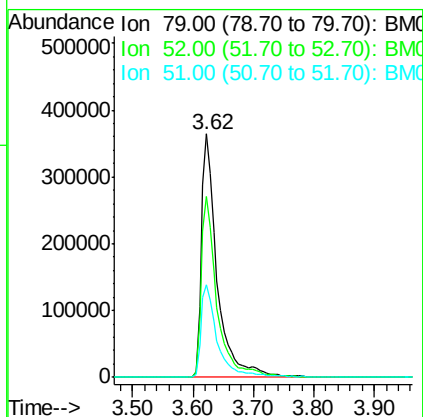
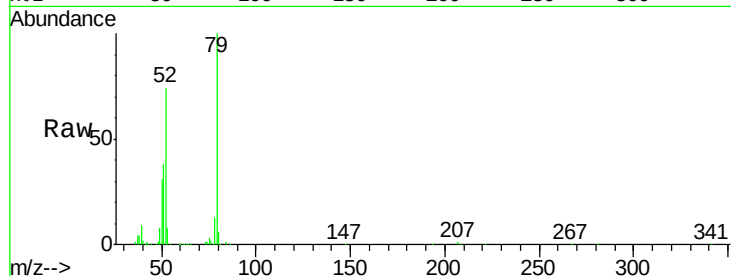
Tot Ion: 79 Resp: 663238

Ion Ratio Lower Upper

79 100

52 74.2 46.5 69.7#

51 37.9 24.6 37.0#



#4

n-Nitrosodimethylamine

Concen: 44.71 ng

RT: 3.54 min Scan# 94

Delta R.T. -0.01 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

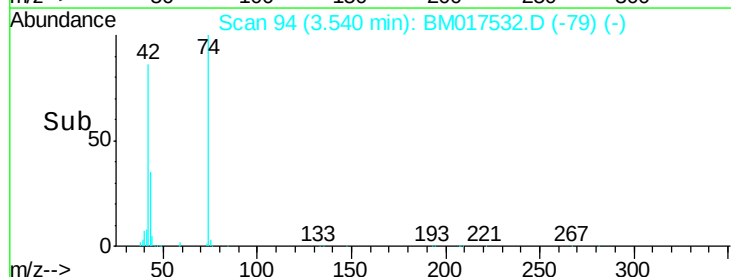
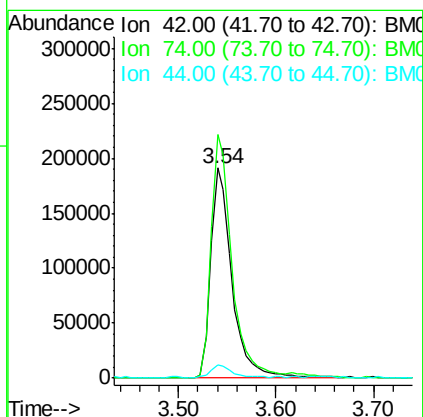
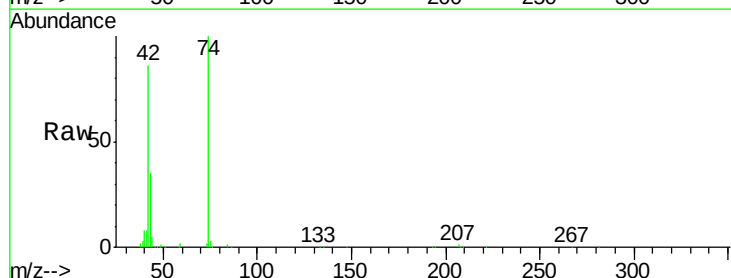
Tgt Ion: 42 Resp: 288830

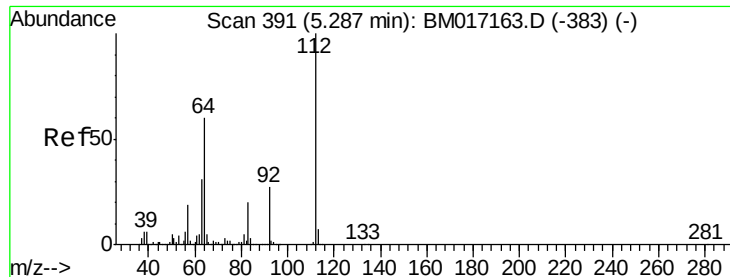
Ion Ratio Lower Upper

42 100

74 115.8 114.4 171.6

44 6.3 48.6 73.0#





#5

2-Fluorophenol

Concen: 79.94 ng

RT: 5.25 min Scan# 384

Delta R.T. -0.02 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

Instrument :

BNA\_M

ClientSampleId :

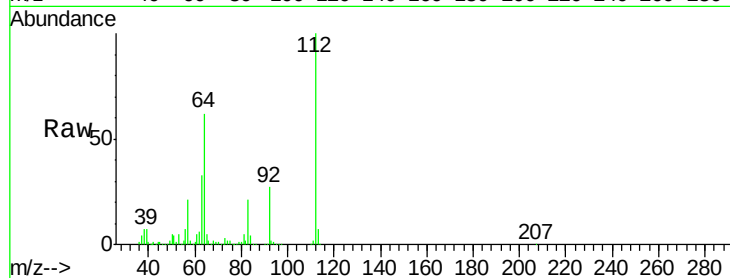
Tot Ion:112 Resp: 1095020

Ion Ratio Lower Upper

112 100

64 61.8 41.7 62.5

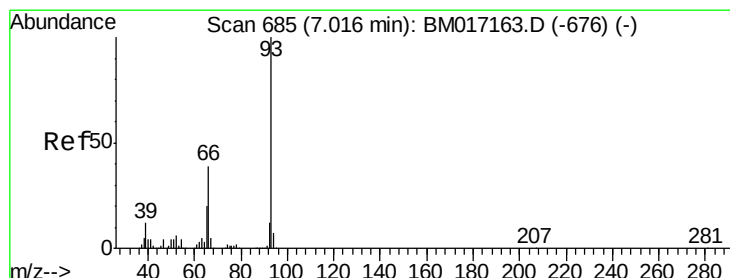
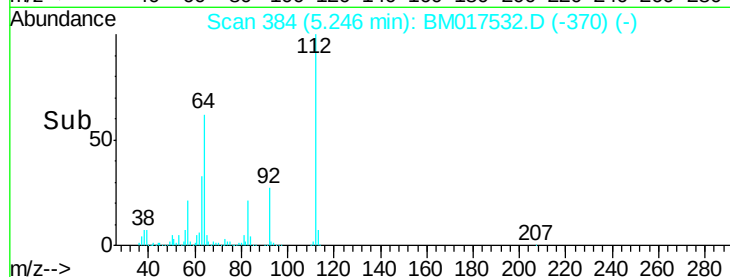
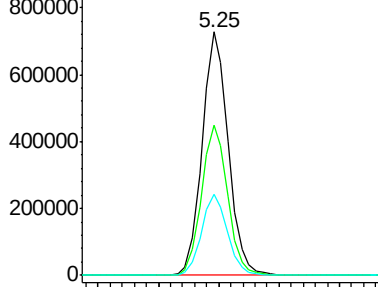
63 33.4 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 41.21 ng

RT: 6.97 min Scan# 677

Delta R.T. -0.02 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

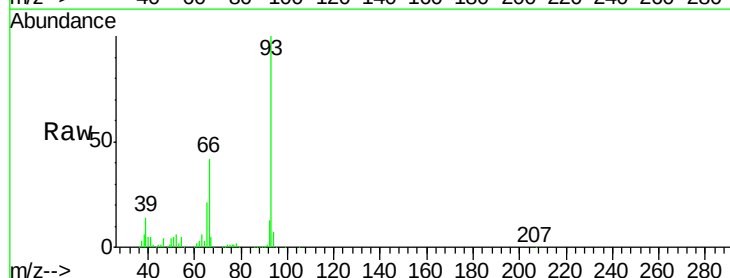
Tgt Ion: 93 Resp: 961559

Ion Ratio Lower Upper

93 100

66 41.9 30.4 45.6

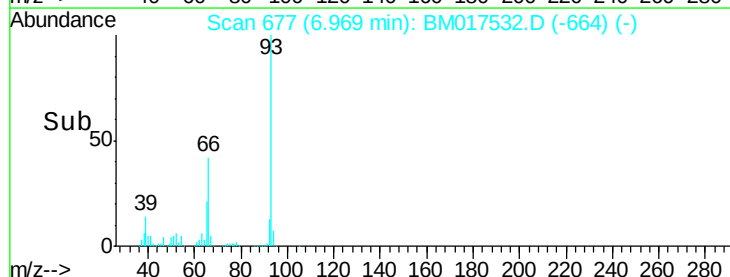
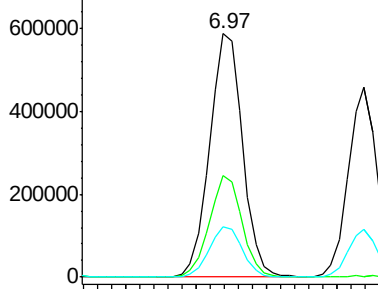
65 20.9 15.3 22.9

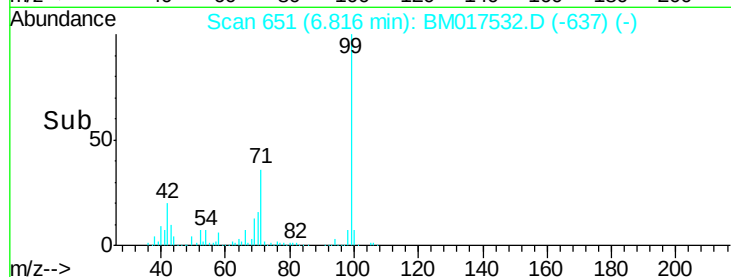
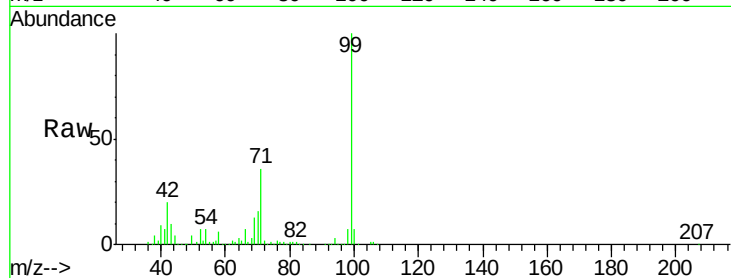
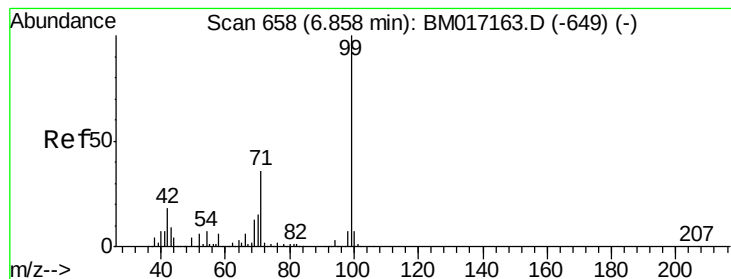


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 83.03 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

Instrument :

BNA\_M

ClientSampleId :

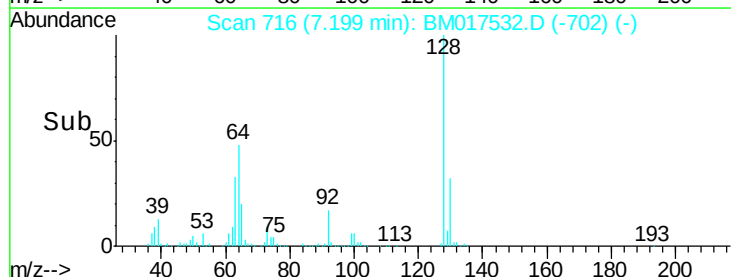
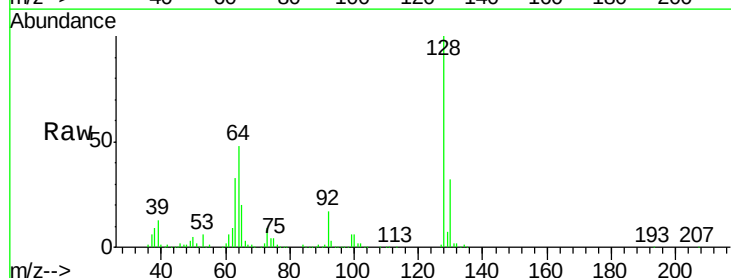
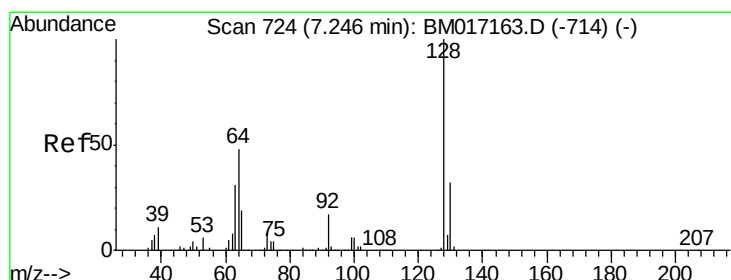
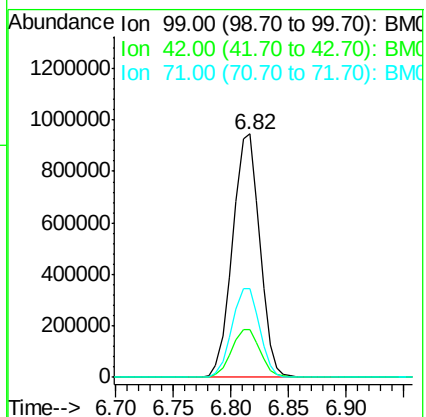
Tot Ion: 99 Resp: 1548899

Ion Ratio Lower Upper

99 100

42 19.9 13.3 19.9

71 36.4 28.0 42.0



#8

2-Chlorophenol

Concen: 41.52 ng

RT: 7.20 min Scan# 716

Delta R.T. -0.02 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

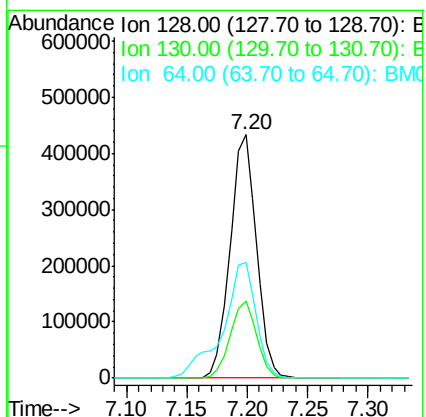
Tgt Ion: 128 Resp: 658000

Ion Ratio Lower Upper

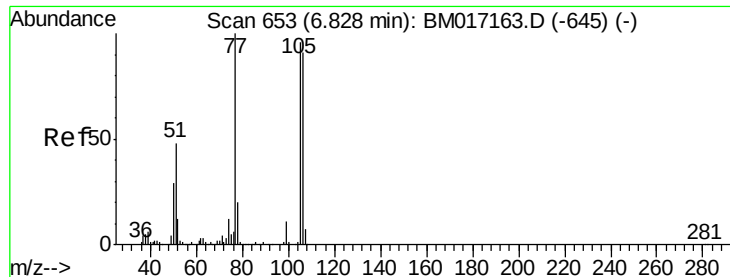
128 100

130 31.6 11.0 51.0

64 47.6 24.1 64.1







#9

Benzaldehyde

Concen: 35.29 ng

RT: 6.79 min Scan# 646

Delta R.T. -0.02 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

Instrument :

BNA\_M

ClientSampleId :

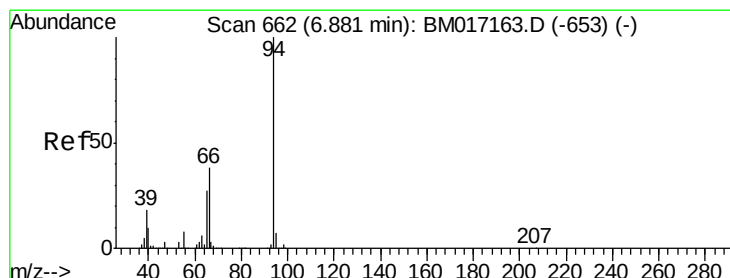
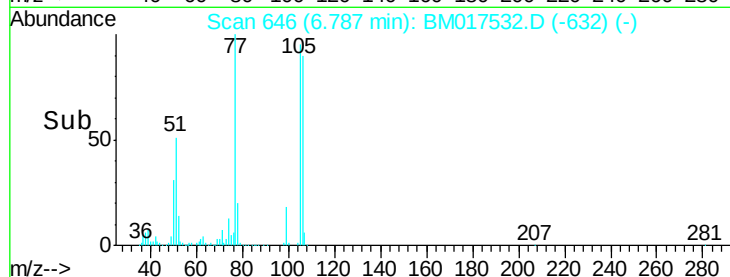
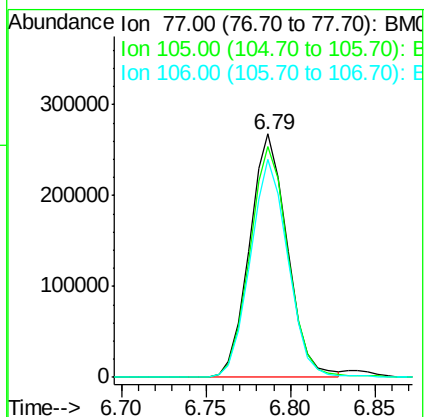
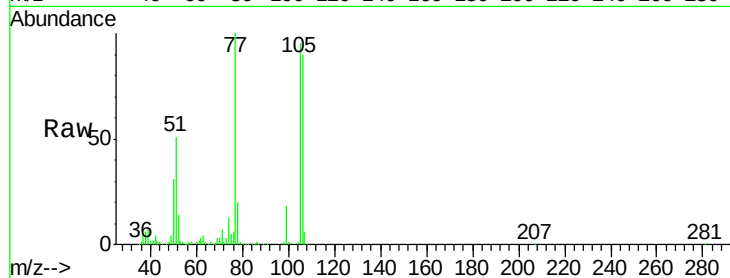
Tot Ion: 77 Resp: 419733

Ion Ratio Lower Upper

77 100

105 94.6 83.9 123.9

106 89.8 78.2 118.2



#10

Phenol

Concen: 40.28 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.02 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

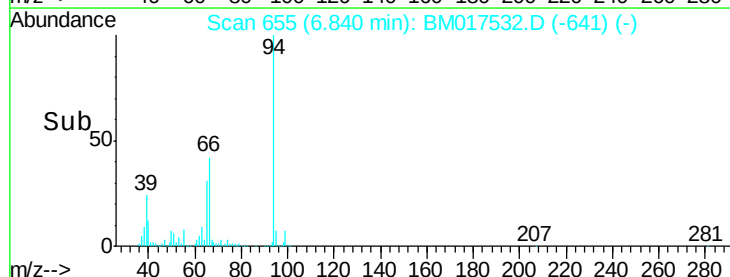
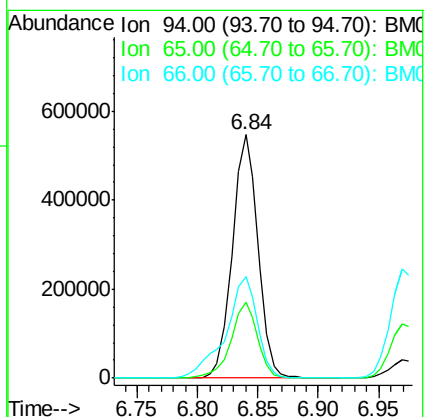
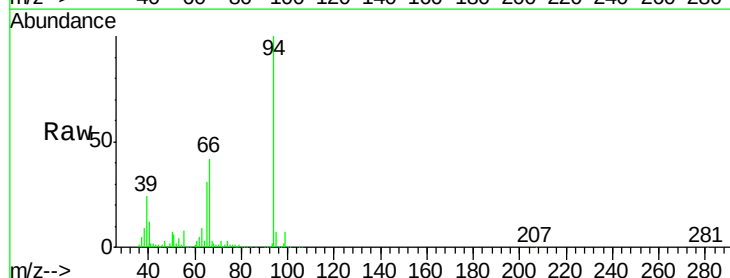
Tgt Ion: 94 Resp: 808717

Ion Ratio Lower Upper

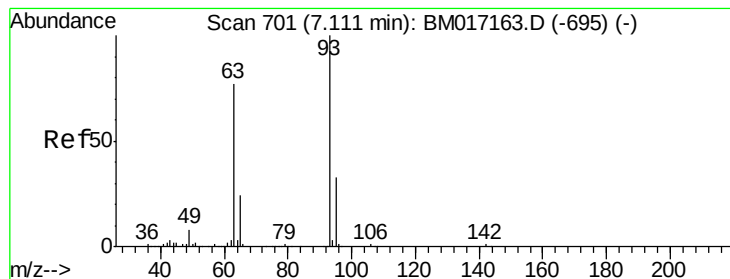
94 100

65 30.9 9.4 49.4

66 41.8 19.0 59.0







#11

bis(2-Chloroethyl)ether

Concen: 40.58 ng

RT: 7.07 min Scan# 694

Delta R.T. -0.02 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

Instrument :

BNA\_M

ClientSampleId :

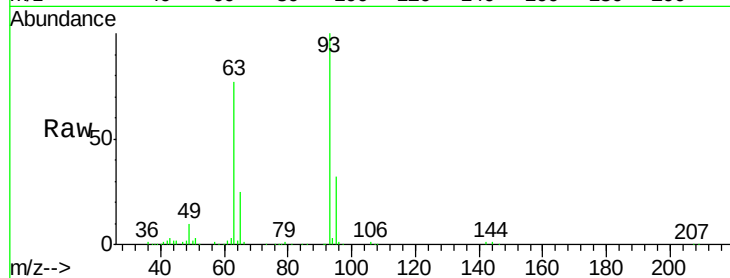
Tot Ion: 93 Resp: 649498

Ion Ratio Lower Upper

93 100

63 77.3 54.0 94.0

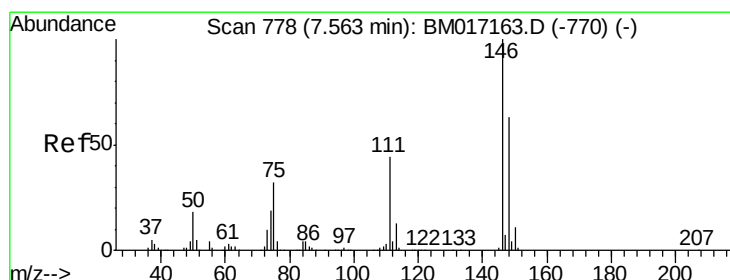
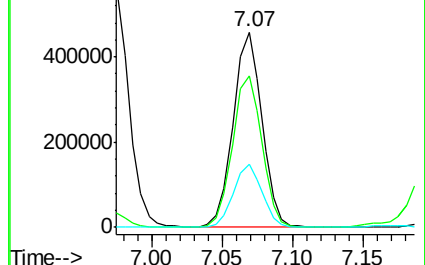
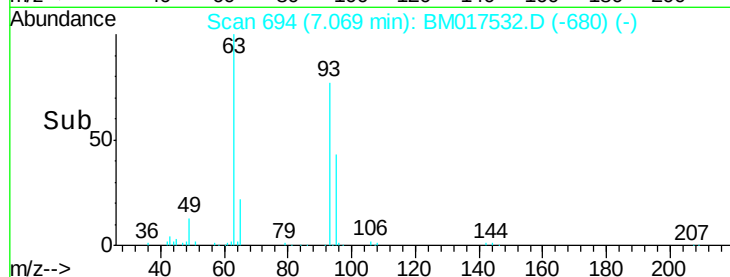
95 32.1 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BM017163.D (-695) (-)

Ion 63.00 (62.70 to 63.70): BM017163.D (-695) (-)

Ion 95.00 (94.70 to 95.70): BM017163.D (-695) (-)



#12

1,3-Dichlorobenzene

Concen: 40.00 ng

RT: 7.52 min Scan# 770

Delta R.T. -0.02 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

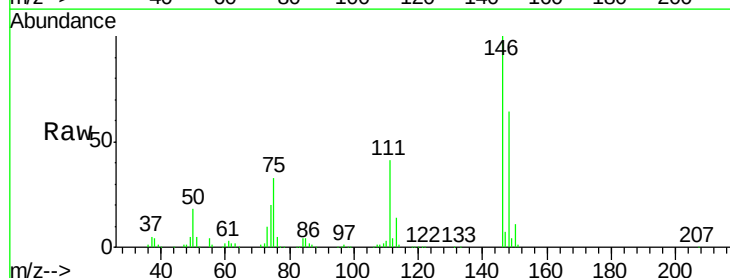
Tgt Ion: 146 Resp: 738965

Ion Ratio Lower Upper

146 100

148 63.7 50.2 75.4

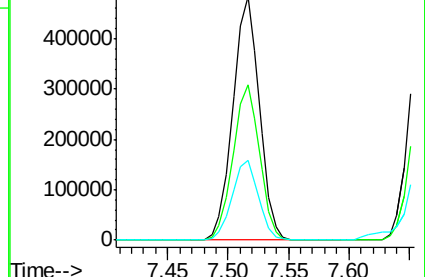
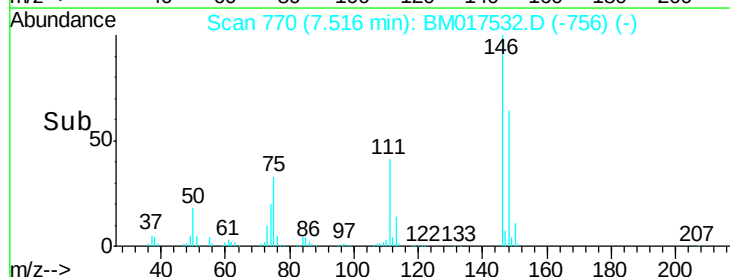
75 32.7 23.3 34.9

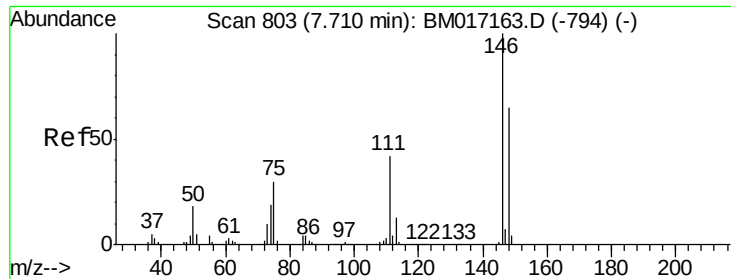


Abundance Ion 146.00 (145.70 to 146.70): BM017163.D (-770) (-)

Ion 148.00 (147.70 to 148.70): BM017163.D (-770) (-)

Ion 75.00 (74.70 to 75.70): BM017163.D (-770) (-)

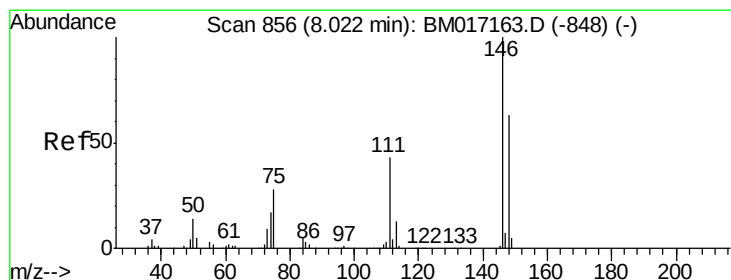
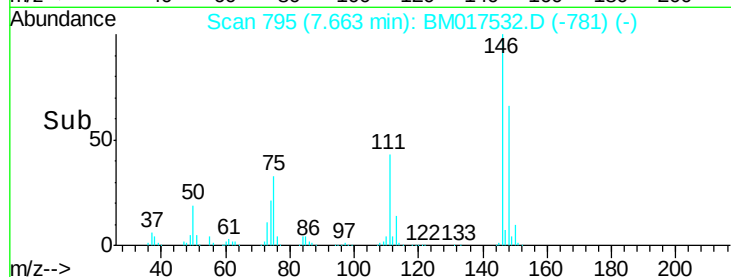
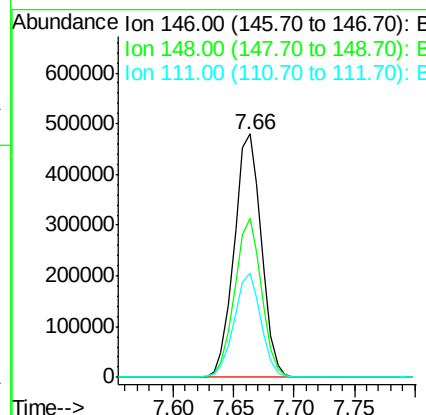
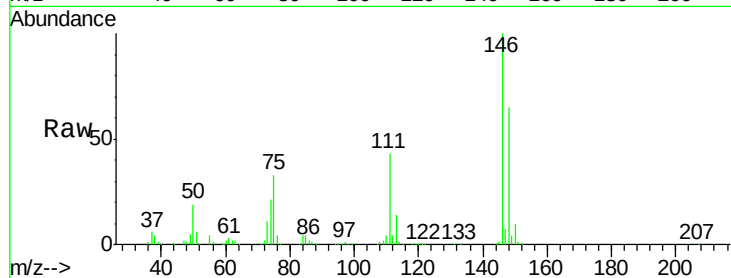




#13  
 1,4-Dichlorobenzene  
 Concen: 39.95 ng  
 RT: 7.66 min Scan# 795  
 Delta R.T. -0.02 min  
 Lab File: BM017532.D  
 Acq: 06 Nov 2018 18:18

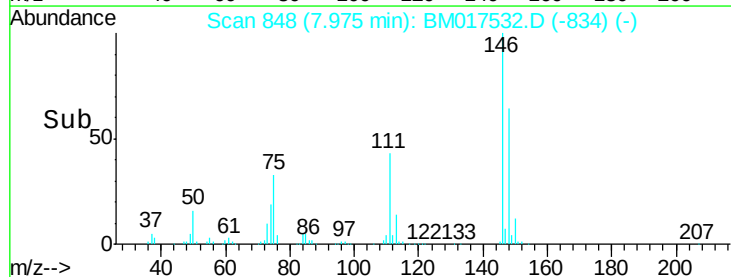
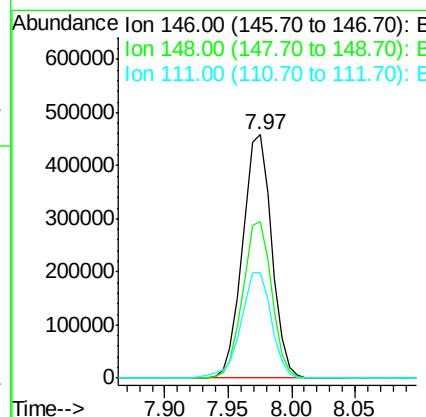
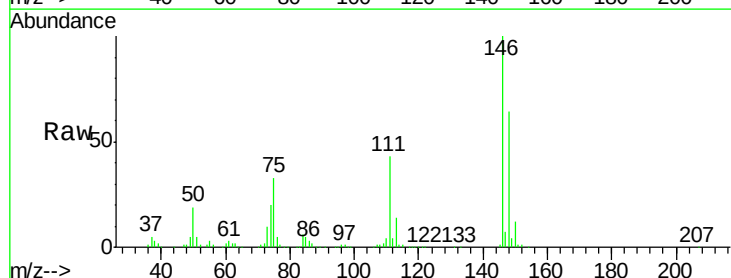
Instrument :  
 BNA\_M  
 ClientSampled :

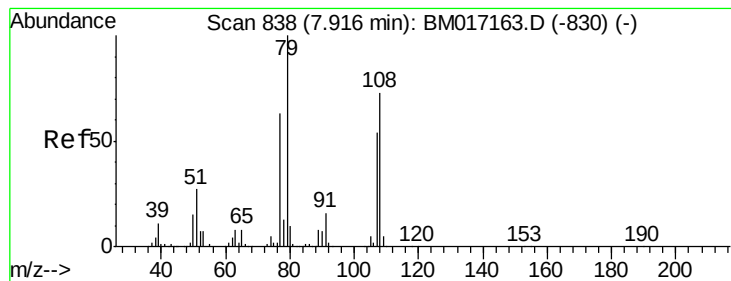
Tot Ion:146 Resp: 753982  
 Ion Ratio Lower Upper  
 146 100  
 148 65.5 49.8 74.6  
 111 42.5 32.1 48.1



#14  
 1,2-Dichlorobenzene  
 Concen: 40.01 ng  
 RT: 7.97 min Scan# 848  
 Delta R.T. -0.02 min  
 Lab File: BM017532.D  
 Acq: 06 Nov 2018 18:18

Tgt Ion:146 Resp: 727443  
 Ion Ratio Lower Upper  
 146 100  
 148 64.4 50.8 76.2  
 111 43.4 33.8 50.6





#15

Benzyl Alcohol

Concen: 47.58 ng

RT: 7.87 min Scan# 831

Delta R.T. -0.02 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

Instrument :

BNA\_M

ClientSampleId :

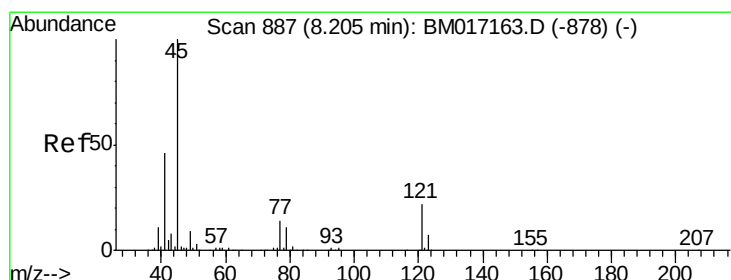
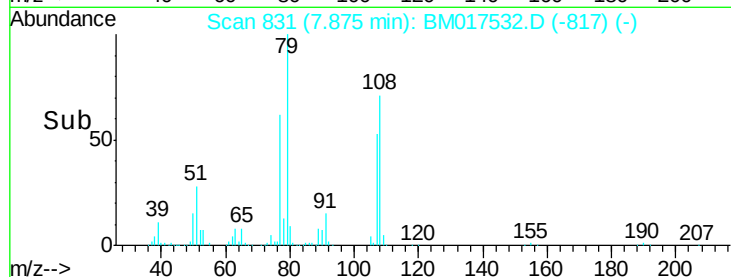
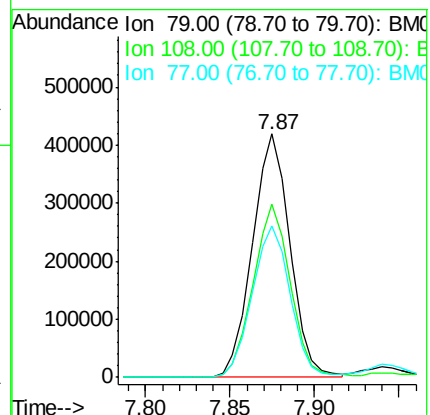
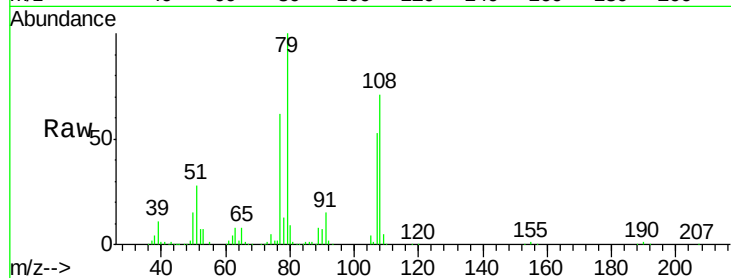
Tot Ion: 79 Resp: 648798

Ion Ratio Lower Upper

79 100

108 71.1 60.3 90.5

77 62.3 54.8 82.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.47 ng

RT: 8.16 min Scan# 880

Delta R.T. -0.01 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

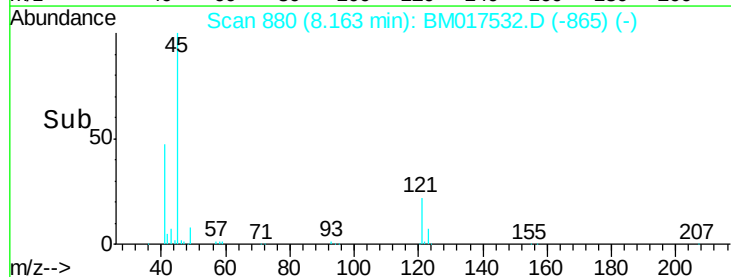
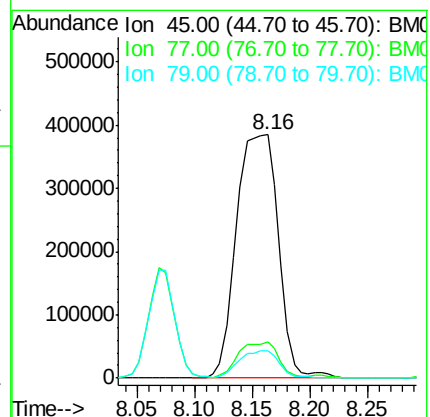
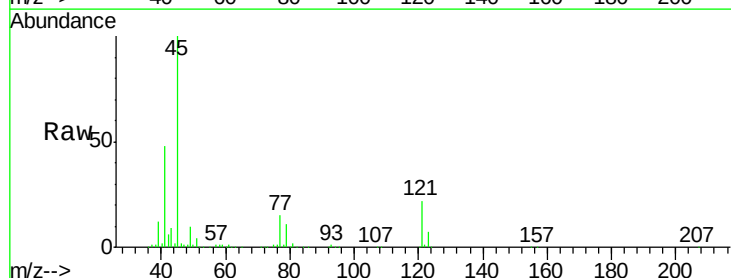
Tgt Ion: 45 Resp: 972066

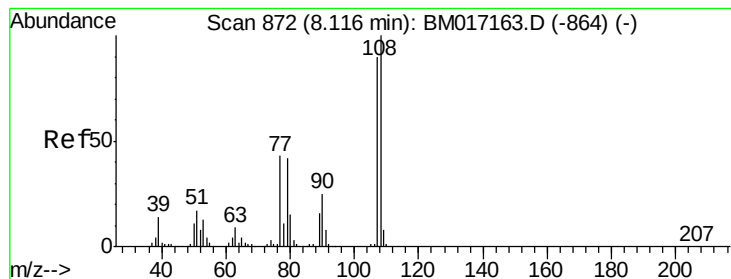
Ion Ratio Lower Upper

45 100

77 14.9 0.0 35.5

79 11.4 0.0 32.1

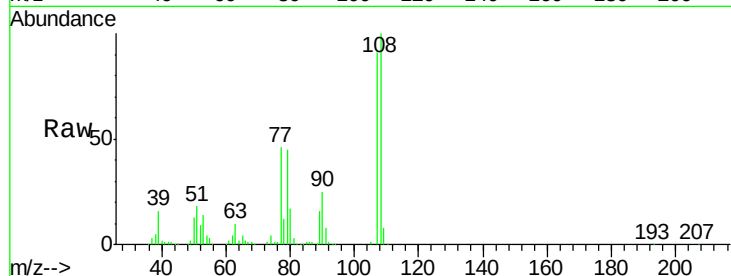




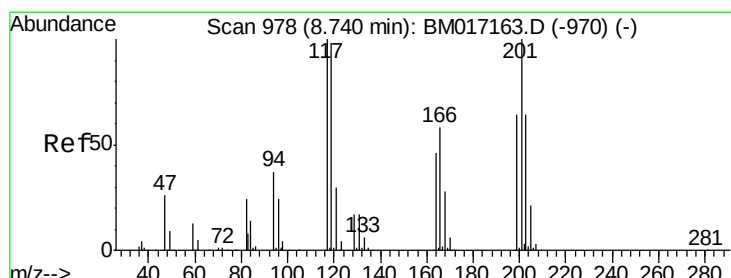
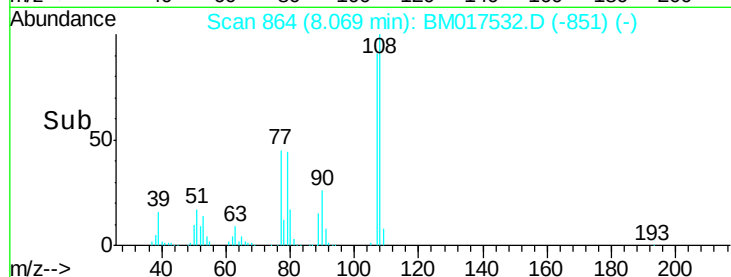
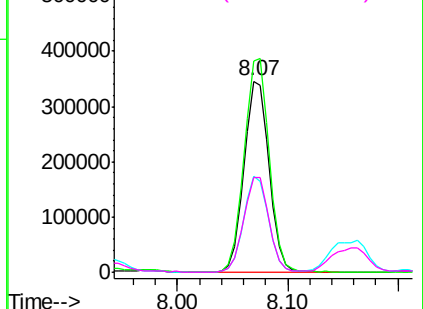
#17  
2-Methylphenol  
Concen: 42.97 ng  
RT: 8.07 min Scan# 864  
Delta R.T. -0.02 min  
Lab File: BM017532.D  
Acq: 06 Nov 2018 18:18

Instrument :  
BNA\_M  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 553782 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 110.4 | 90.3  | 135.5  |
| 77       | 50.3  | 37.0  | 55.4   |
| 79       | 49.2  | 35.8  | 53.6   |

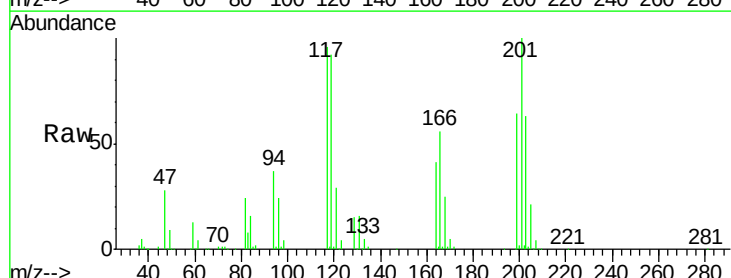


Abundance Ion 107.00 (106.70 to 107.70): E  
600000  
Ion 108.00 (107.70 to 108.70): E  
500000  
Ion 77.00 (76.70 to 77.70): BM  
Ion 79.00 (78.70 to 79.70): BM

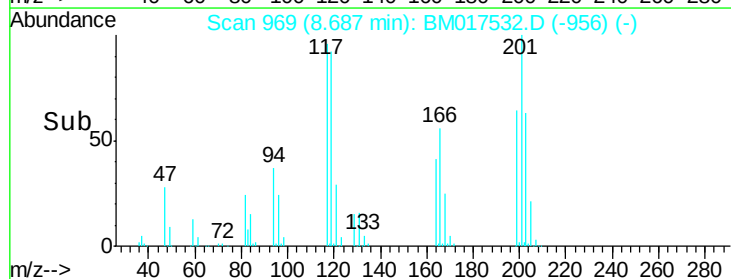
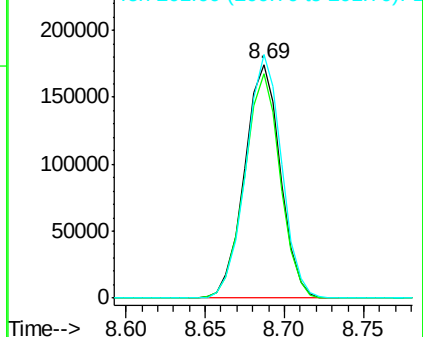


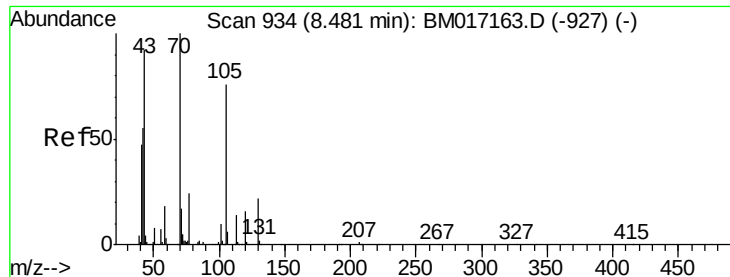
#18  
Hexachloroethane  
Concen: 42.55 ng  
RT: 8.69 min Scan# 969  
Delta R.T. -0.02 min  
Lab File: BM017532.D  
Acq: 06 Nov 2018 18:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 274819 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.1  | 78.2  | 117.2  |
| 201      | 104.2 | 85.3  | 127.9  |



Abundance Ion 117.00 (116.70 to 117.70): E  
250000  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

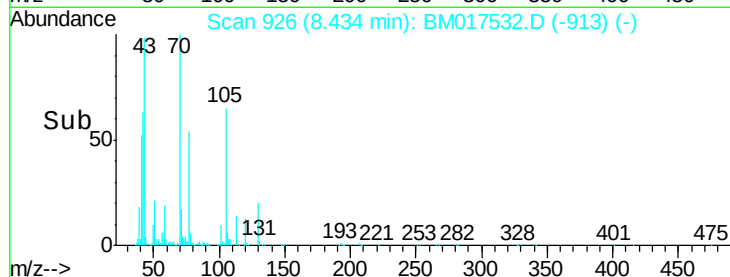
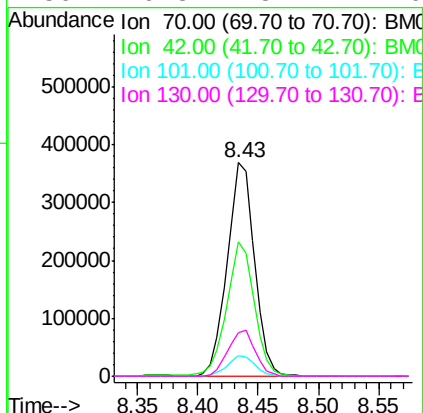
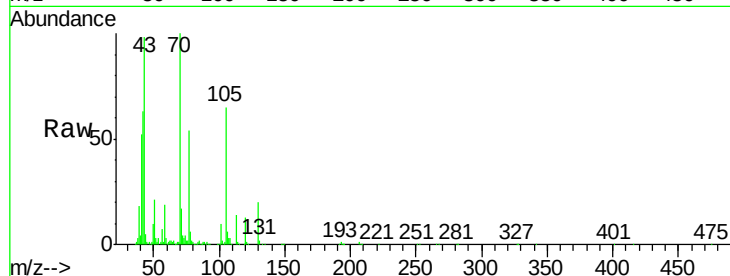




#19  
n-Nitroso-di-n-propylamine  
Concen: 47.06 ng  
RT: 8.43 min Scan# 926  
Delta R.T. -0.02 min  
Lab File: BM017532.D  
Acq: 06 Nov 2018 18:18

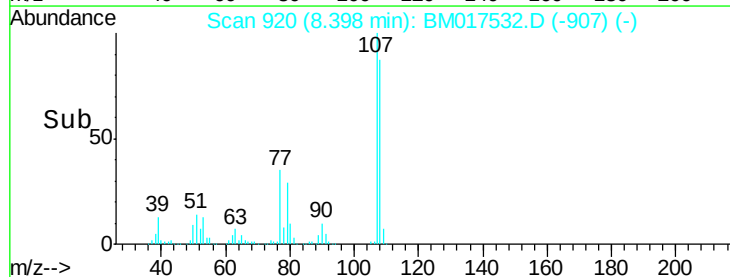
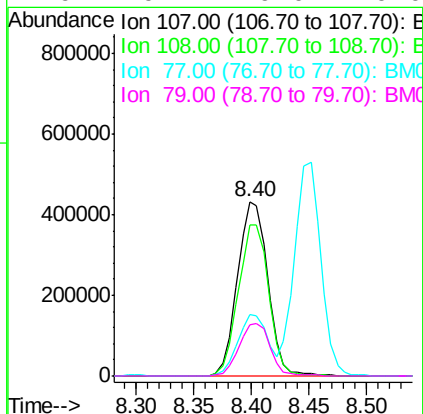
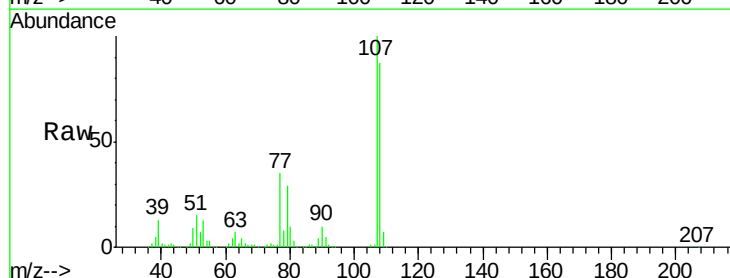
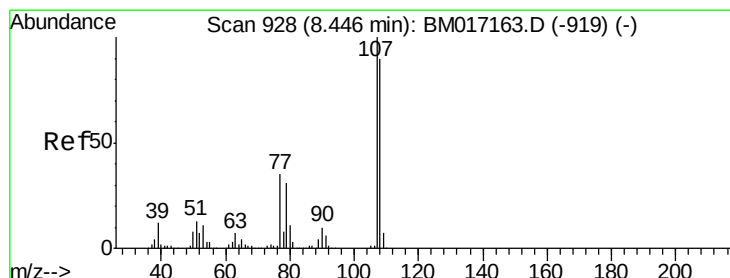
Instrument :  
BNA\_M  
ClientSampled :

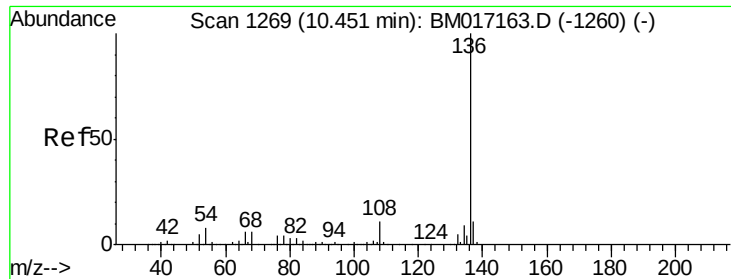
Tot Ion: 70 Resp: 578092  
Ion Ratio Lower Upper  
70 100  
42 62.8 46.1 69.1  
101 9.6 8.2 12.4  
130 20.3 18.4 27.6



#20  
3+4-Methylphenols  
Concen: 44.73 ng  
RT: 8.40 min Scan# 920  
Delta R.T. -0.02 min  
Lab File: BM017532.D  
Acq: 06 Nov 2018 18:18

Tgt Ion: 107 Resp: 788478  
Ion Ratio Lower Upper  
107 100  
108 86.5 69.9 109.9  
77 35.0 12.2 52.2  
79 29.2 9.0 49.0

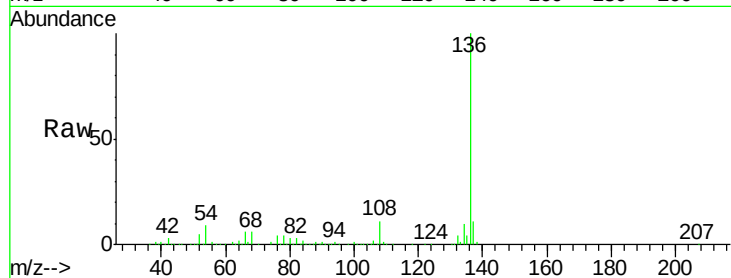




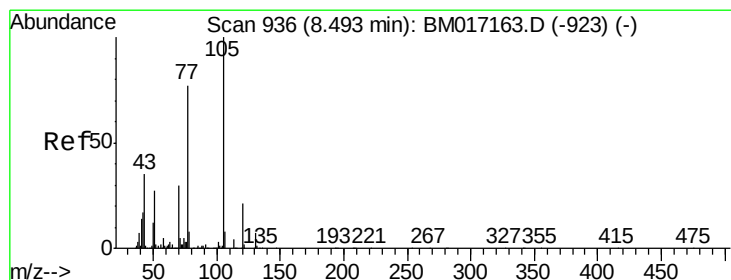
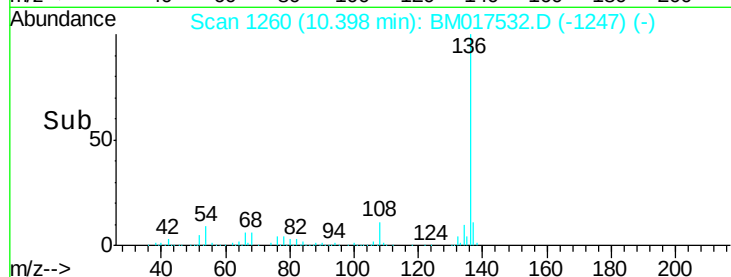
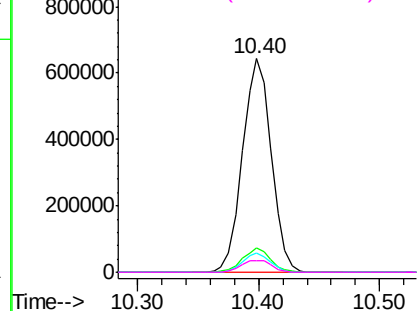
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.40 min Scan# 1260  
Delta R.T. -0.02 min  
Lab File: BM017532.D  
Acq: 06 Nov 2018 18:18

Instrument :  
BNA\_M  
ClientSampled :

|             |               |
|-------------|---------------|
| Tot Ion:136 | Resp: 1066986 |
| Ion Ratio   | Lower Upper   |
| 136 100     |               |
| 137 11.3    | 9.2 13.8      |
| 54 9.1      | 6.7 10.1      |
| 68 5.7      | 4.7 7.1       |

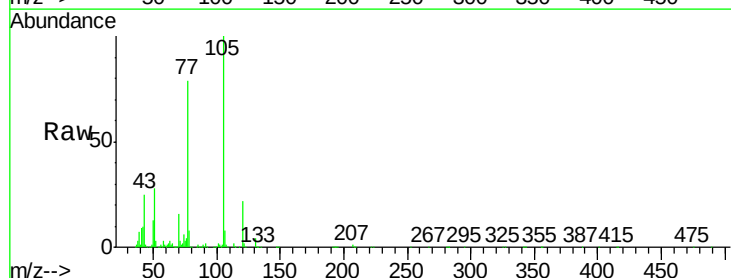


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BM  
Ion 68.00 (67.70 to 68.70): BM

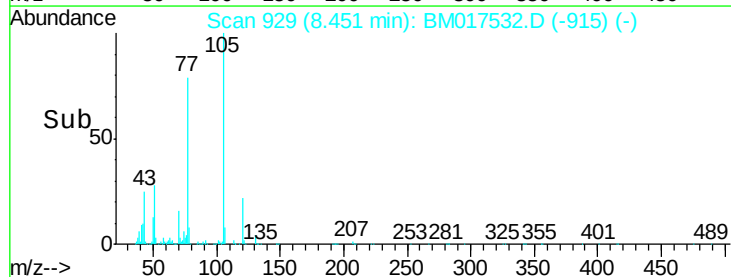
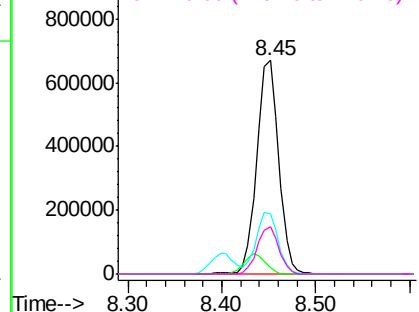


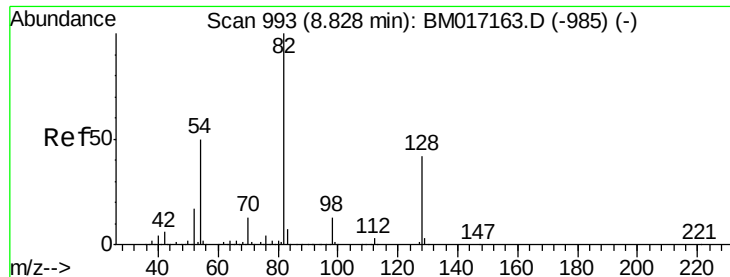
#22  
Acetophenone  
Concen: 40.14 ng  
RT: 8.45 min Scan# 929  
Delta R.T. -0.02 min  
Lab File: BM017532.D  
Acq: 06 Nov 2018 18:18

|     |         |       |         |
|-----|---------|-------|---------|
| Tgt | Ion:105 | Resp: | 1085665 |
| Ion | Ratio   | Lower | Upper   |
| 105 | 100     |       |         |
| 71  | 2.7     | 2.0   | 3.0     |
| 51  | 28.5    | 20.6  | 31.0    |
| 120 | 22.3    | 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

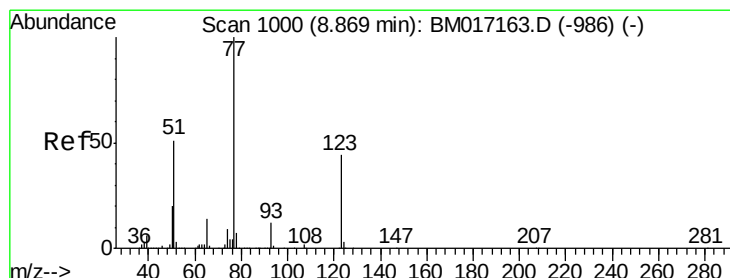
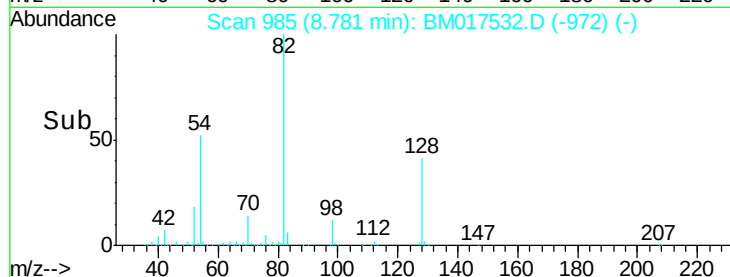
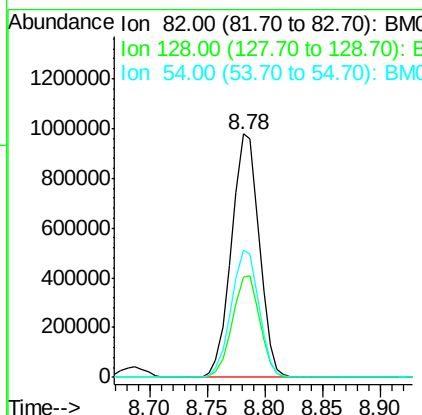
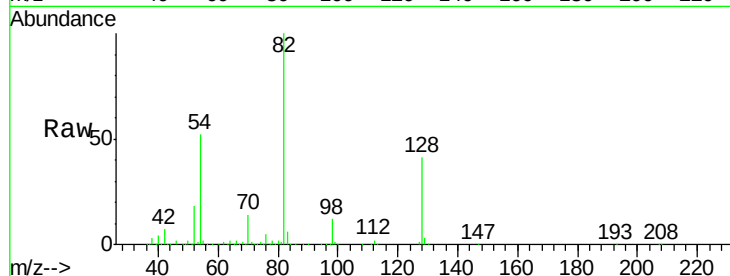




#23  
 Nitrobenzene-d5  
 Concen: 89.54 ng  
 RT: 8.78 min Scan# 985  
 Delta R.T. -0.02 min  
 Lab File: BM017532.D  
 Acq: 06 Nov 2018 18:18

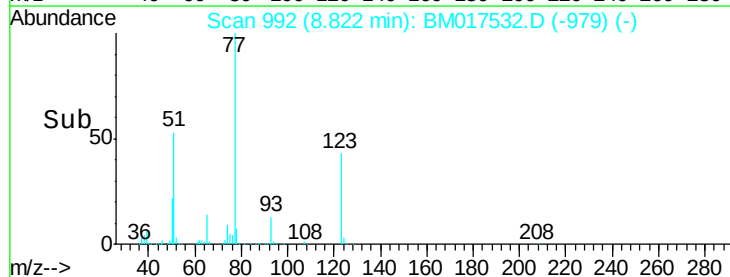
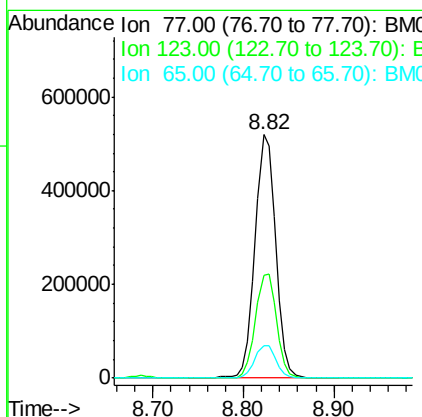
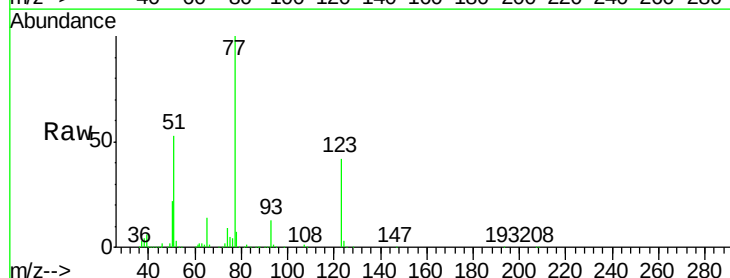
Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion: 82 Resp: 1633489  
 Ion Ratio Lower Upper  
 82 100  
 128 41.0 37.0 55.6  
 54 52.0 40.7 61.1

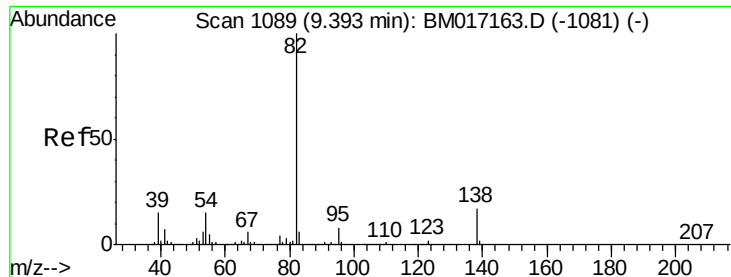


#24  
 Nitrobenzene  
 Concen: 42.72 ng  
 RT: 8.82 min Scan# 992  
 Delta R.T. -0.02 min  
 Lab File: BM017532.D  
 Acq: 06 Nov 2018 18:18

Tgt Ion: 77 Resp: 824301  
 Ion Ratio Lower Upper  
 77 100  
 123 42.5 40.2 60.4  
 65 13.5 11.4 17.0







#25

Isophorone

Concen: 44.80 ng

RT: 9.35 min Scan# 1081

Delta R.T. -0.02 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

Instrument :

BNA\_M

ClientSampleId :

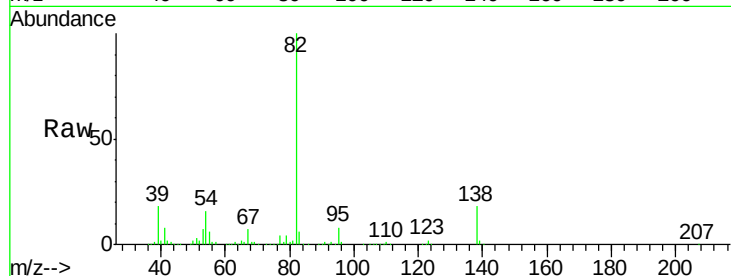
Tot Ion: 82 Resp: 1349631

Ion Ratio Lower Upper

82 100

95 7.8 6.0 9.0

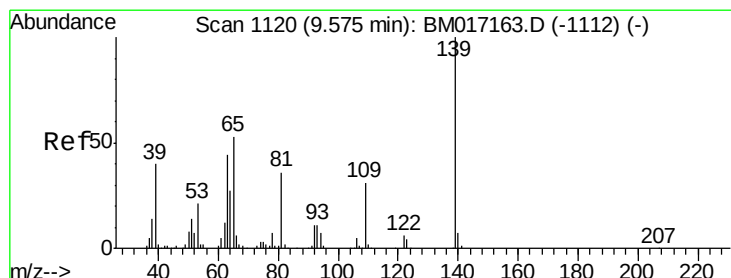
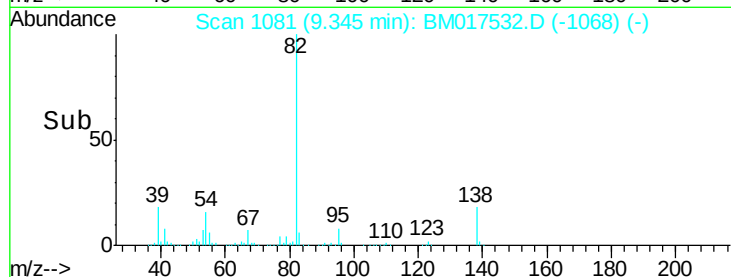
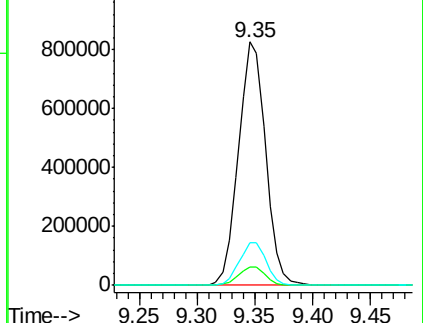
138 17.7 15.4 23.2



Abundance Ion 82.00 (81.70 to 82.70): BM017532.D (-1081) (-)

Ion 95.00 (94.70 to 95.70): BM017532.D (-1081) (-)

Ion 138.00 (137.70 to 138.70): BM017532.D (-1081) (-)



#26

2-Nitrophenol

Concen: 44.74 ng

RT: 9.53 min Scan# 1112

Delta R.T. -0.02 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

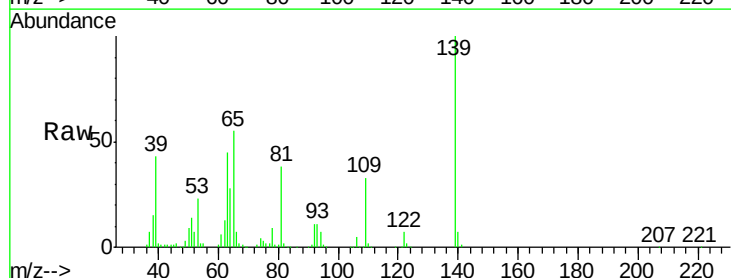
Tgt Ion: 139 Resp: 400056

Ion Ratio Lower Upper

139 100

109 32.6 23.2 34.8

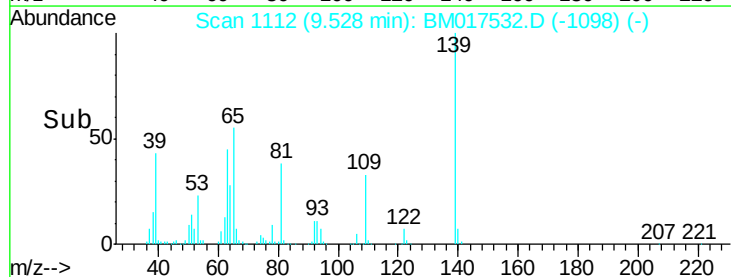
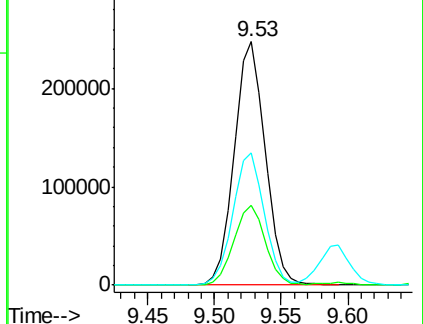
65 54.5 40.6 61.0

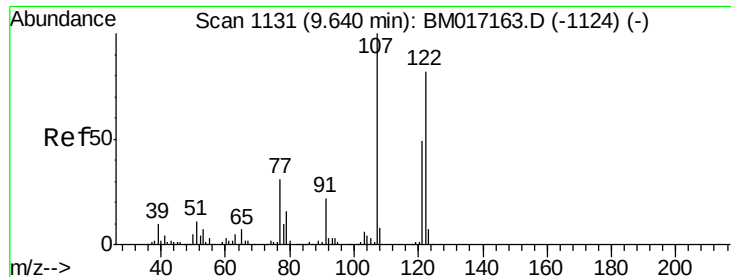


Abundance Ion 139.00 (138.70 to 139.70): BM017532.D (-1098) (-)

Ion 109.00 (108.70 to 109.70): BM017532.D (-1098) (-)

Ion 65.00 (64.70 to 65.70): BM017532.D (-1098) (-)

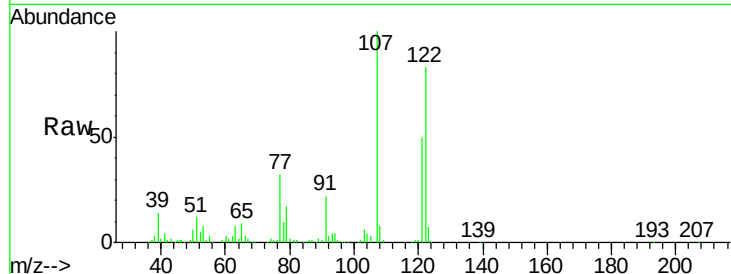




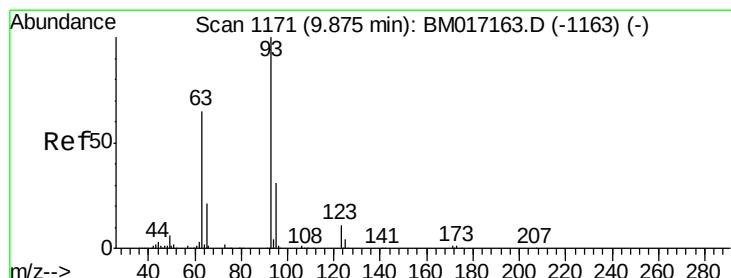
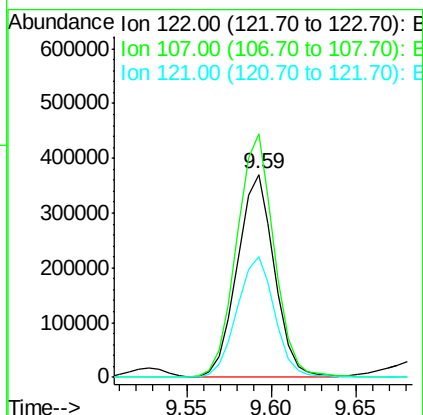
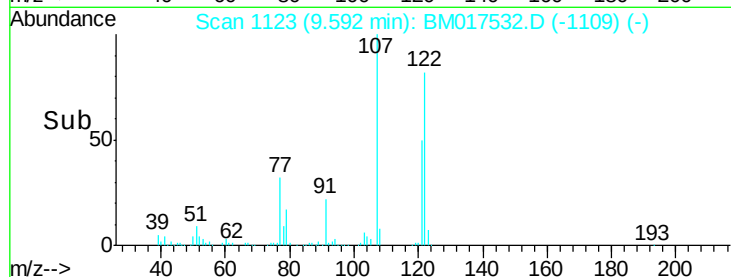
#27  
 2,4-Dimethylphenol  
 Concen: 42.20 ng  
 RT: 9.59 min Scan# 1123  
 Delta R.T. -0.02 min  
 Lab File: BM017532.D  
 Acq: 06 Nov 2018 18:18

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 119.8 | 95.0  | 142.6 |
| 121     | 59.5  | 48.2  | 72.4  |

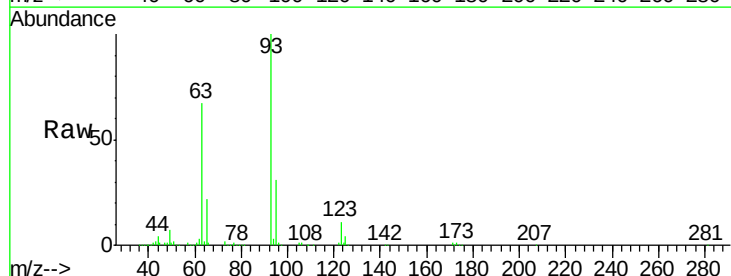


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

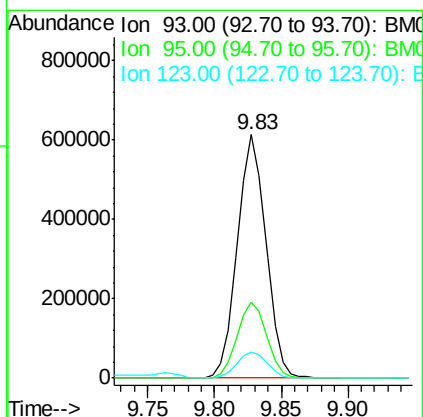
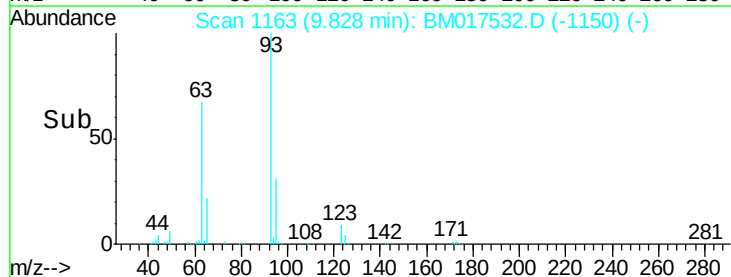


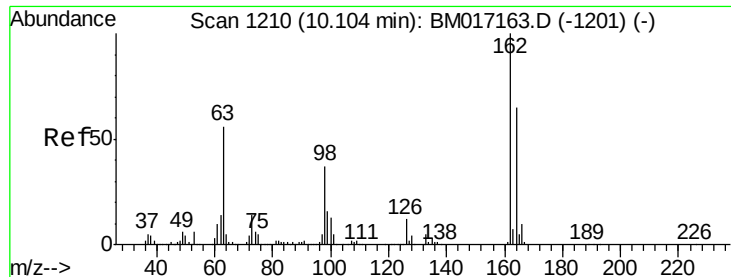
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 43.11 ng  
 RT: 9.83 min Scan# 1163  
 Delta R.T. -0.02 min  
 Lab File: BM017532.D  
 Acq: 06 Nov 2018 18:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.0  | 25.7  | 38.5  |
| 123     | 10.9  | 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

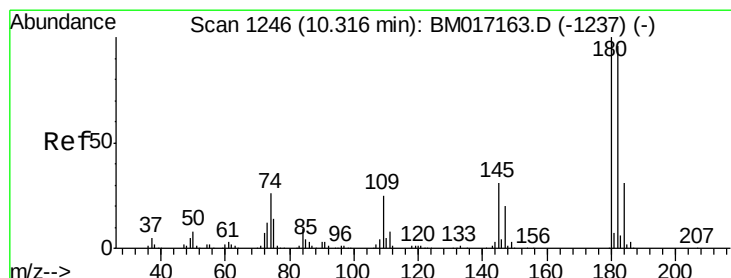
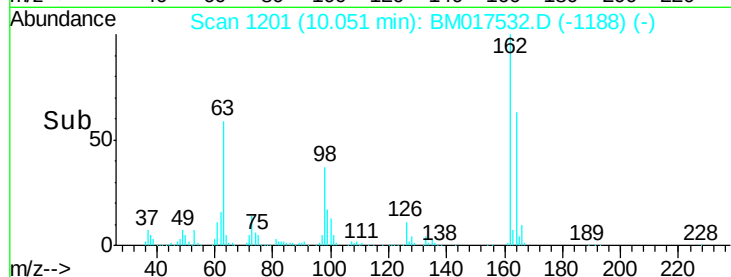
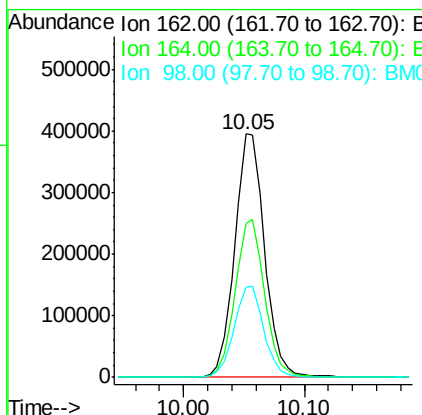
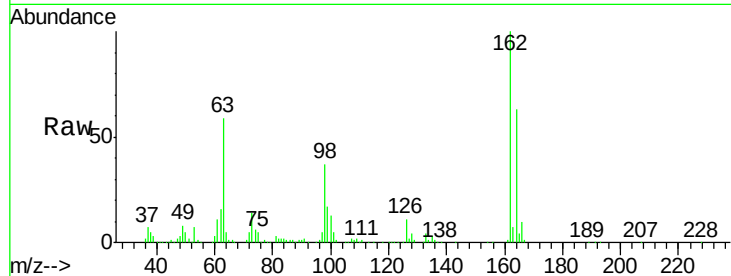




#29  
2,4-Dichlorophenol  
Concen: 44.11 ng  
RT: 10.05 min Scan# 1201  
Delta R.T. -0.02 min  
Lab File: BM017532.D  
Acq: 06 Nov 2018 18:18

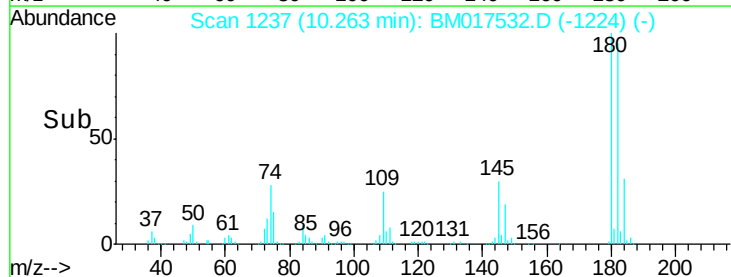
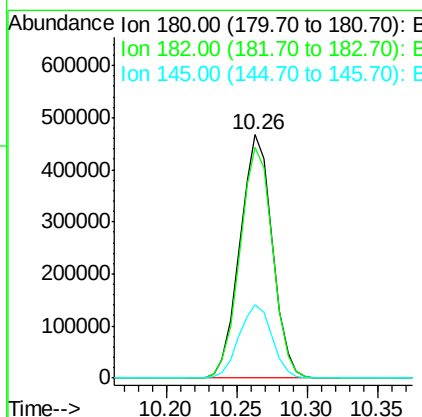
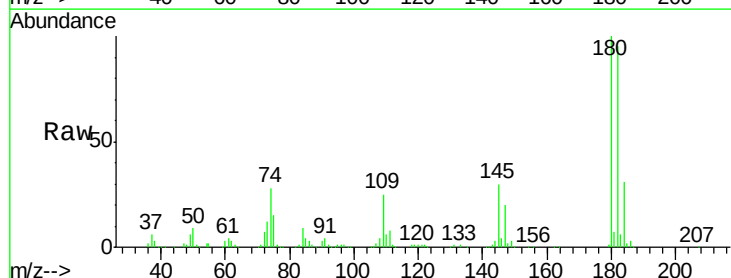
Instrument :  
BNA\_M  
ClientSampleId :

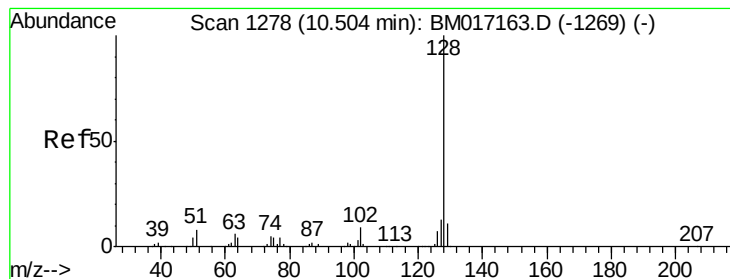
Tot Ion:162 Resp: 682259  
Ion Ratio Lower Upper  
162 100  
164 63.1 44.9 84.9  
98 36.8 15.8 55.8



#30  
1,2,4-Trichlorobenzene  
Concen: 40.43 ng  
RT: 10.26 min Scan# 1237  
Delta R.T. -0.02 min  
Lab File: BM017532.D  
Acq: 06 Nov 2018 18:18

Tgt Ion:180 Resp: 750191  
Ion Ratio Lower Upper  
180 100  
182 95.0 77.5 116.3  
145 30.2 24.0 36.0





#31

Naphthalene

Concen: 40.26 ng

RT: 10.45 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

Instrument :

BNA\_M

ClientSampleId :

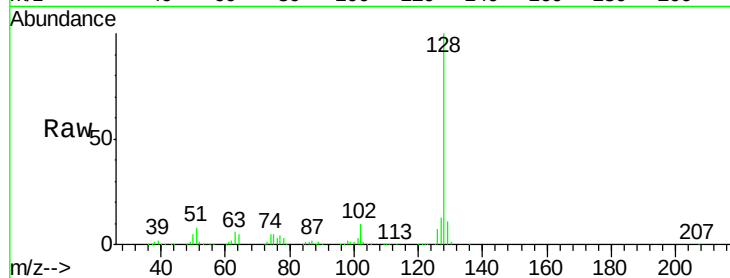
Tot Ion:128 Resp: 2104876

Ion Ratio Lower Upper

128 100

129 10.7 8.5 12.7

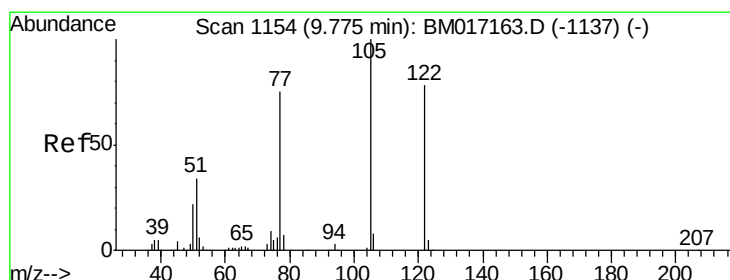
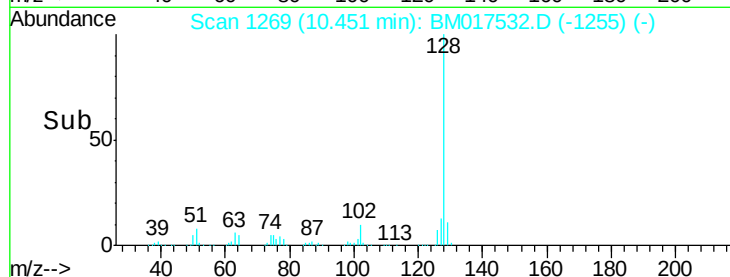
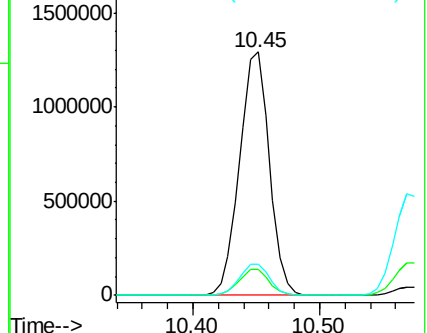
127 12.8 10.3 15.5



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: 51.43 ng

RT: 9.76 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

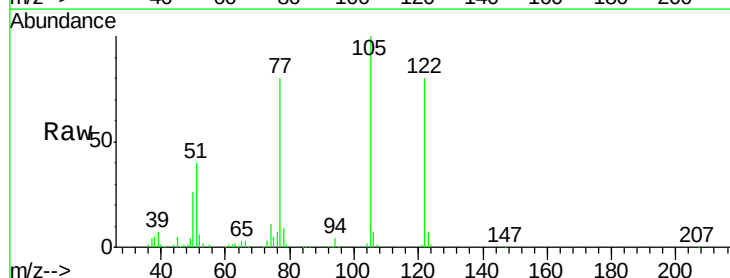
Tgt Ion:122 Resp: 511156

Ion Ratio Lower Upper

122 100

105 124.6 102.0 142.0

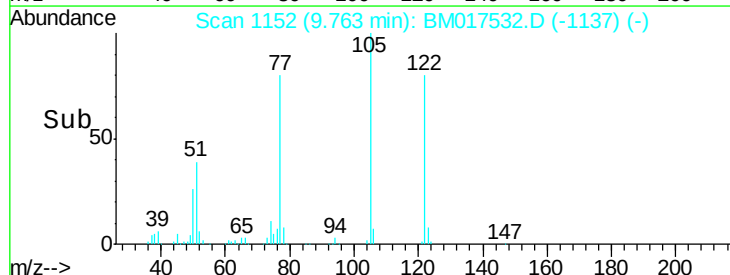
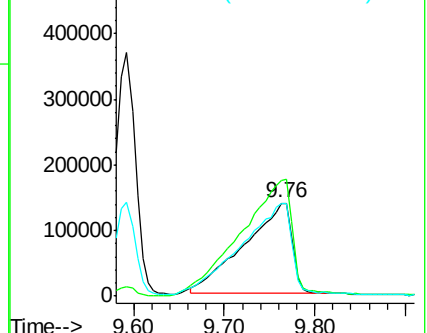
77 100.1 67.7 107.7

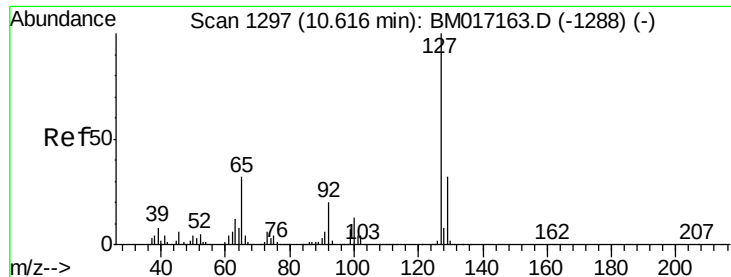


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

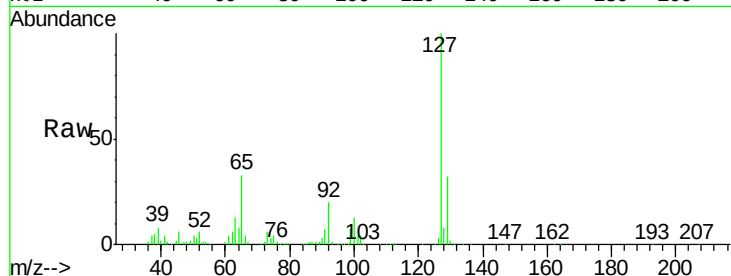




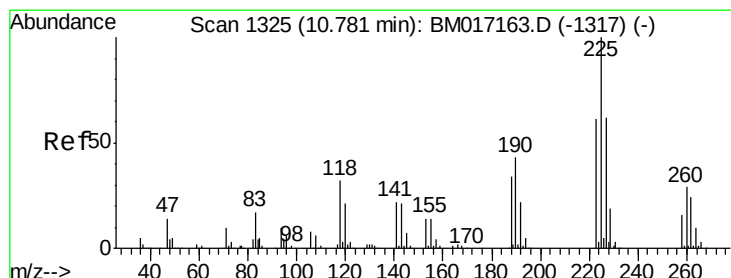
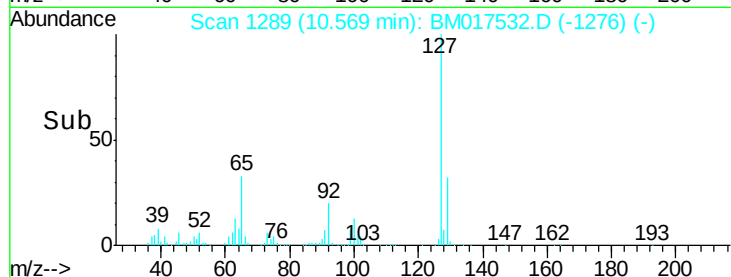
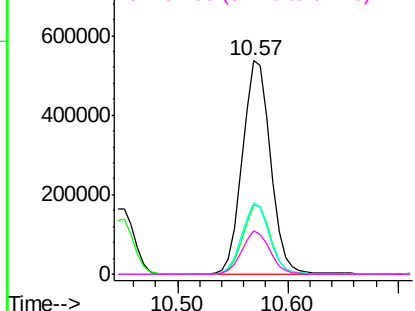
#33  
4-Chloroaniline  
Concen: 42.85 ng  
RT: 10.57 min Scan# 1289  
Delta R.T. -0.02 min  
Lab File: BM017532.D  
Acq: 06 Nov 2018 18:18

Instrument :  
BNA\_M  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 967745 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.5  | 26.2  | 39.4   |
| 65       | 33.3  | 23.7  | 35.5   |
| 92       | 20.4  | 14.3  | 21.5   |

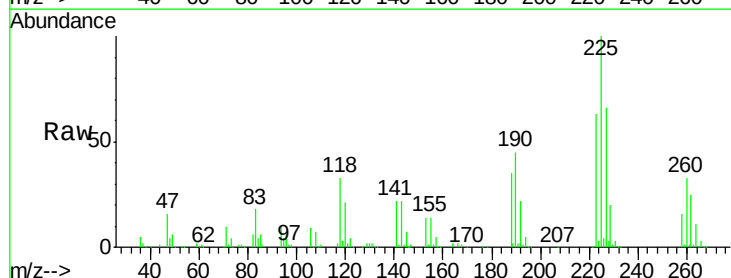


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BM0  
Ion 92.00 (91.70 to 92.70): BM0

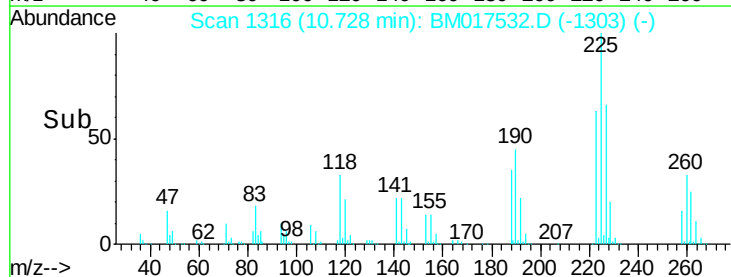
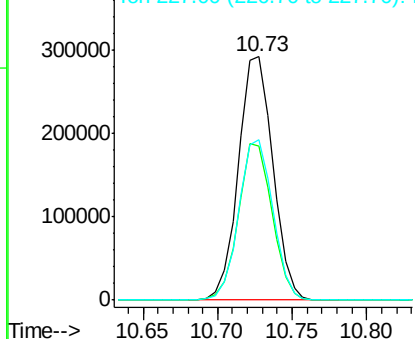


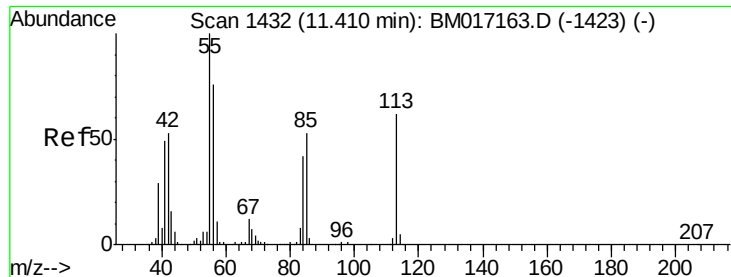
#34  
Hexachlorobutadiene  
Concen: 39.77 ng  
RT: 10.73 min Scan# 1316  
Delta R.T. -0.02 min  
Lab File: BM017532.D  
Acq: 06 Nov 2018 18:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 467502 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.2  | 51.0  | 76.6   |
| 227      | 65.8  | 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

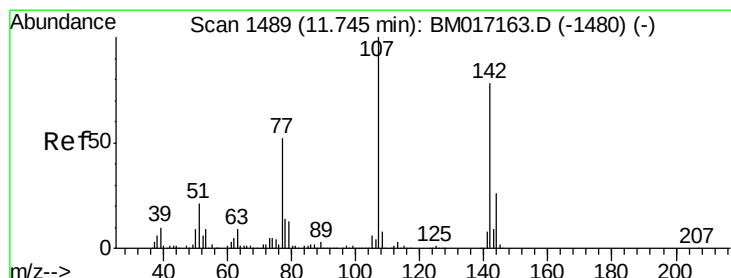
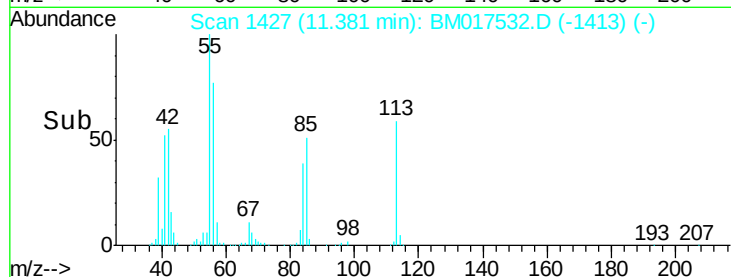
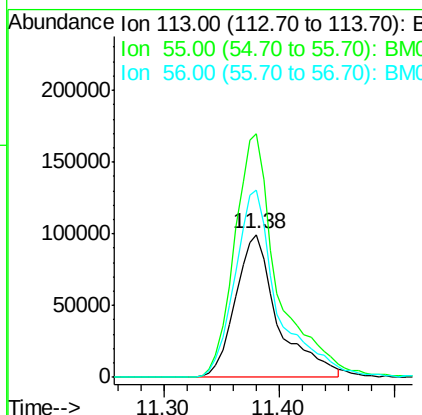
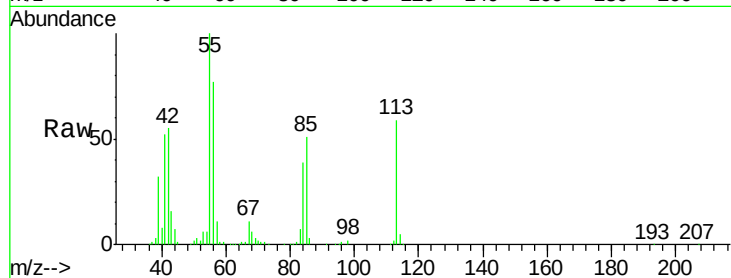




#35  
 Caprolactam  
 Concen: 45.24 ng  
 RT: 11.38 min Scan# 1427  
 Delta R.T. -0.02 min  
 Lab File: BM017532.D  
 Acq: 06 Nov 2018 18:18

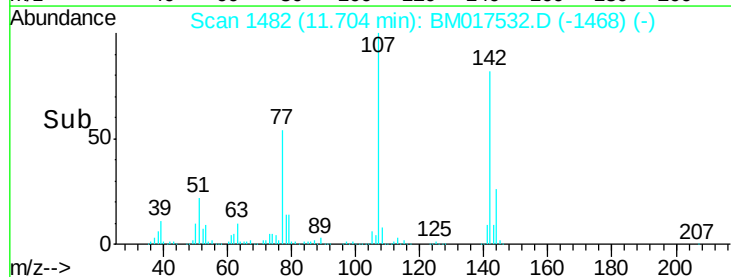
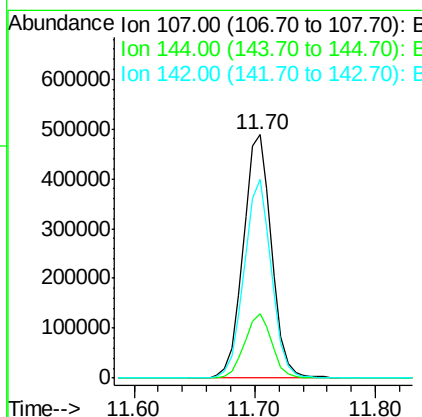
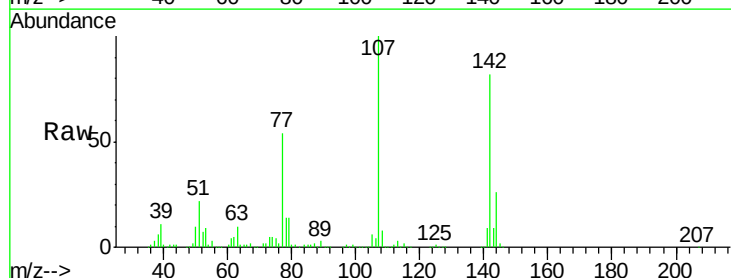
Instrument :  
 BNA\_M  
 ClientSampleId :

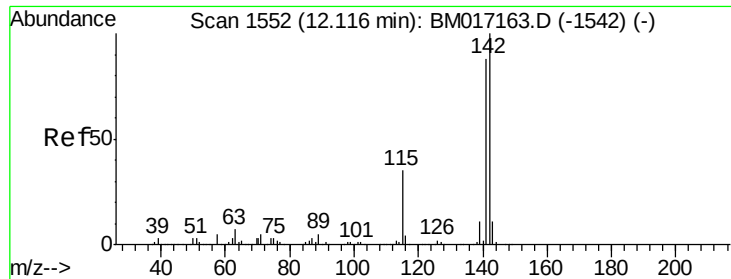
Tot Ion:113 Resp: 254980  
 Ion Ratio Lower Upper  
 113 100  
 55 170.2 147.0 187.0  
 56 131.4 104.5 144.5



#36  
 4-Chloro-3-methylphenol  
 Concen: 45.68 ng  
 RT: 11.70 min Scan# 1482  
 Delta R.T. -0.02 min  
 Lab File: BM017532.D  
 Acq: 06 Nov 2018 18:18

Tgt Ion:107 Resp: 796400  
 Ion Ratio Lower Upper  
 107 100  
 144 26.3 21.6 32.4  
 142 81.9 66.0 99.0

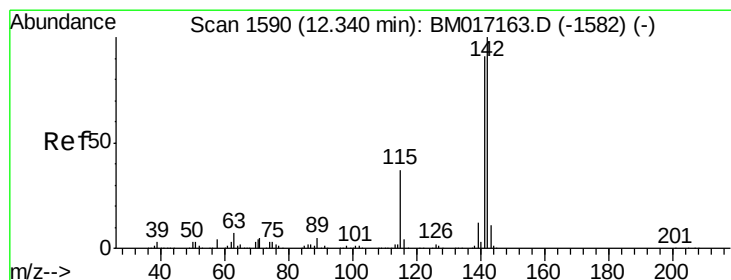
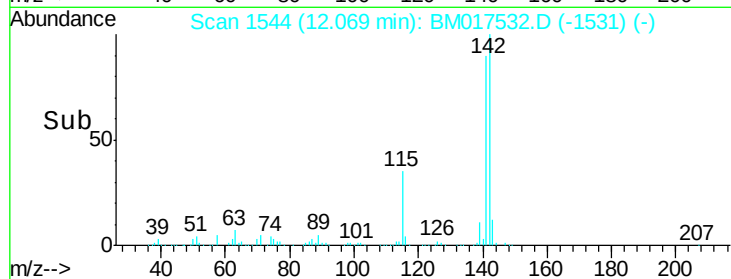
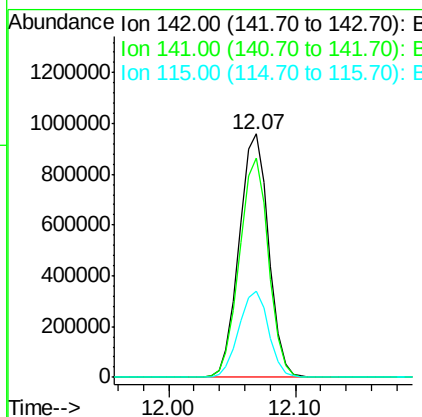
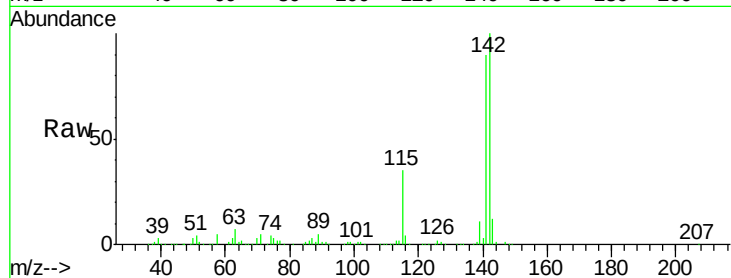




#37  
2-Methylnaphthalene  
Concen: 43.07 ng  
RT: 12.07 min Scan# 1544  
Delta R.T. -0.02 min  
Lab File: BM017532.D  
Acq: 06 Nov 2018 18:18

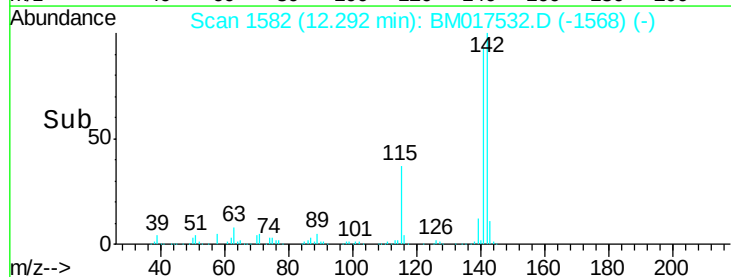
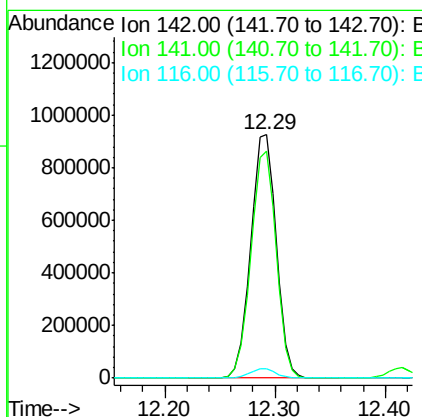
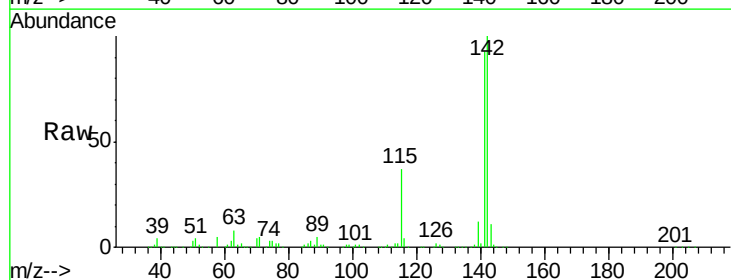
Instrument :  
BNA\_M  
ClientSampleId :

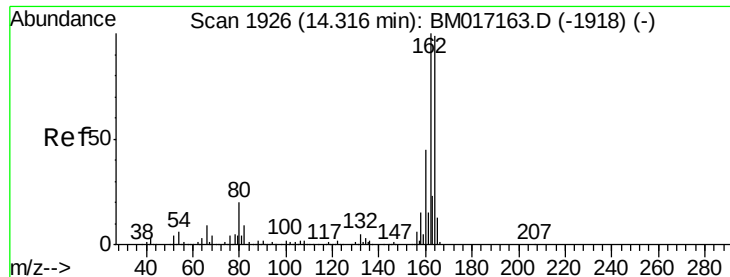
Tot Ion:142 Resp: 1540922  
Ion Ratio Lower Upper  
142 100  
141 90.1 70.9 106.3  
115 35.5 26.4 39.6



#38  
1-Methylnaphthalene  
Concen: 43.20 ng  
RT: 12.29 min Scan# 1582  
Delta R.T. -0.02 min  
Lab File: BM017532.D  
Acq: 06 Nov 2018 18:18

Tgt Ion:142 Resp: 1504325  
Ion Ratio Lower Upper  
142 100  
141 93.4 73.8 110.6  
116 3.9 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.27 min Scan# 1918

Delta R.T. -0.02 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

Instrument :

BNA\_M

ClientSampleId :

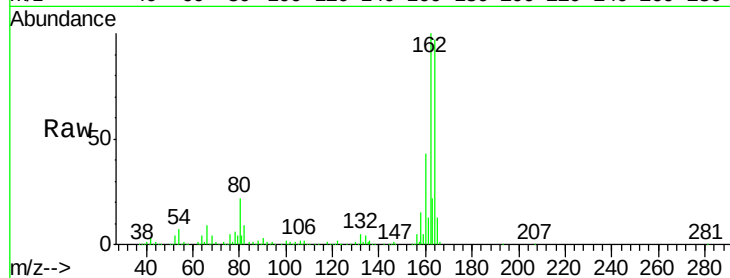
Tot Ion:164 Resp: 671890

Ion Ratio Lower Upper

164 100

162 102.9 82.1 123.1

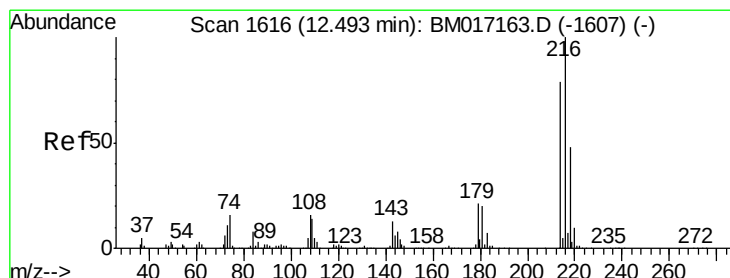
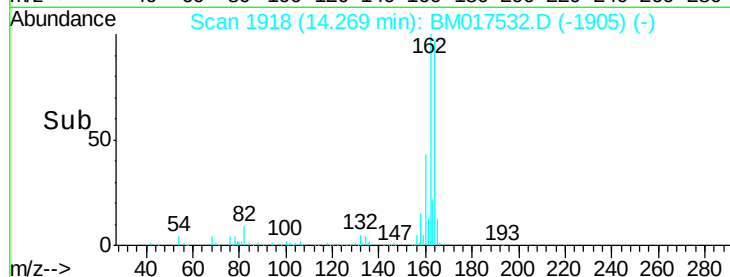
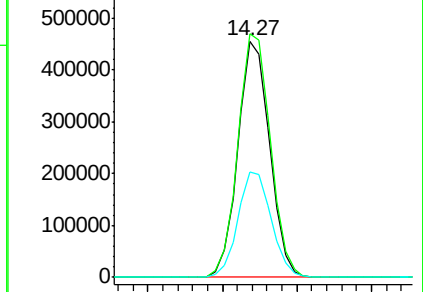
160 44.6 40.2 60.2



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: 39.68 ng

RT: 12.44 min Scan# 1607

Delta R.T. -0.02 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

Tgt Ion:216 Resp: 938959

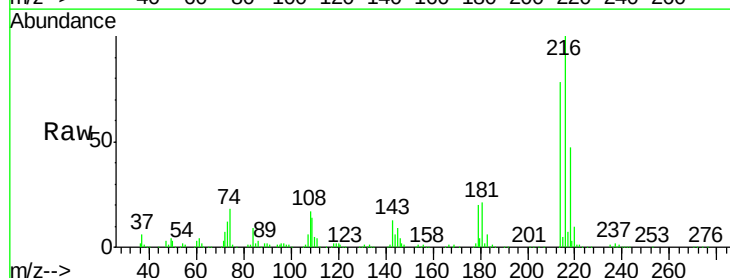
Ion Ratio Lower Upper

216 100

214 78.5 62.6 93.8

179 21.1 16.6 24.8

108 18.1 13.5 20.3

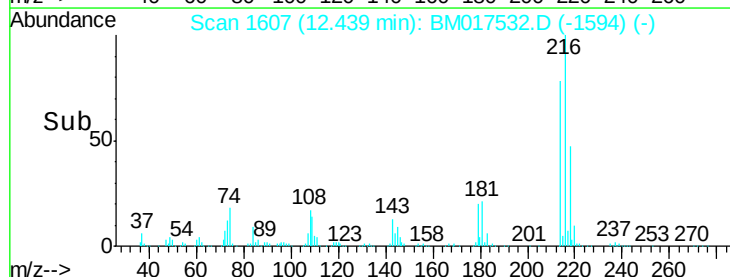
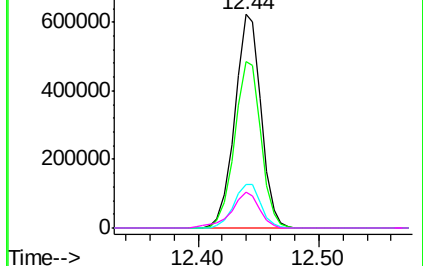


Abundance Ion 216.00 (215.70 to 216.70): E

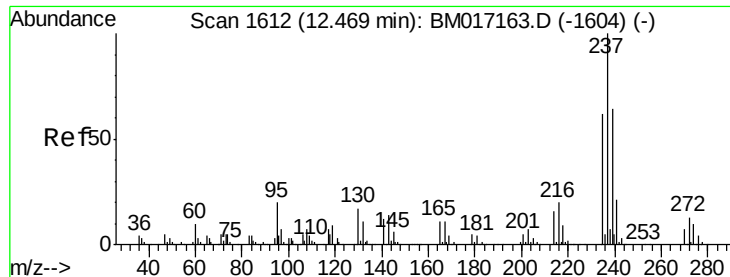
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 45.00 ng

RT: 12.42 min Scan# 1603

Delta R.T. -0.02 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

Instrument :

BNA\_M

ClientSampleId :

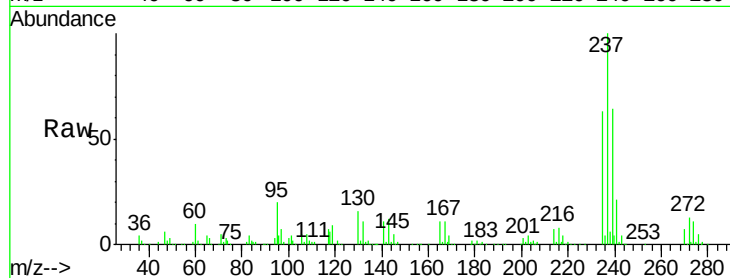
Tot Ion:237 Resp: 514723

Ion Ratio Lower Upper

237 100

235 62.9 42.4 82.4

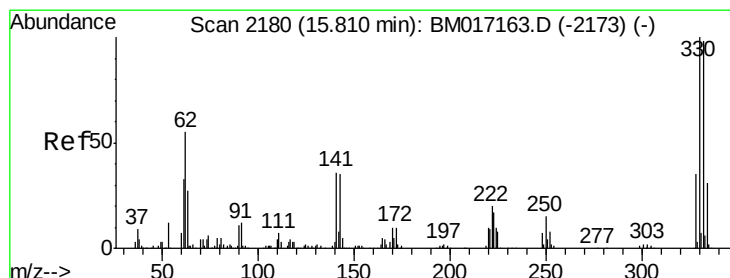
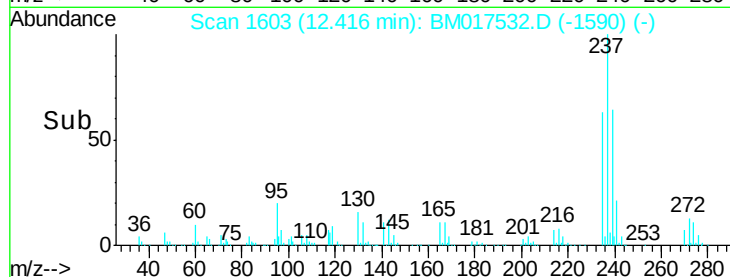
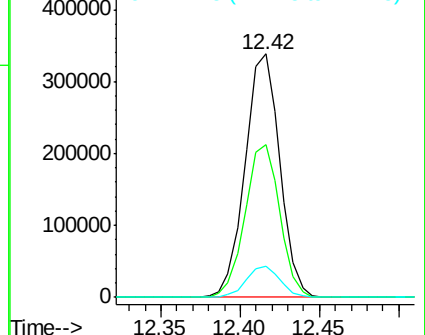
272 12.7 0.0 33.0



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: 93.99 ng

RT: 15.77 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

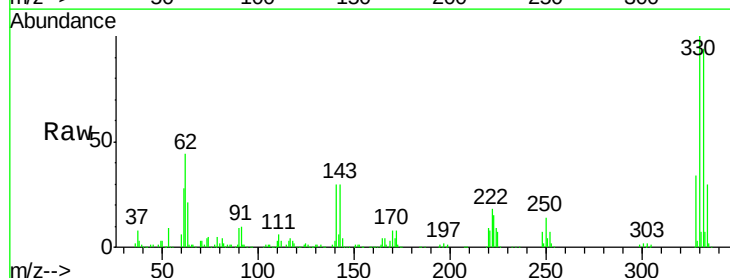
Tgt Ion:330 Resp: 854031

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

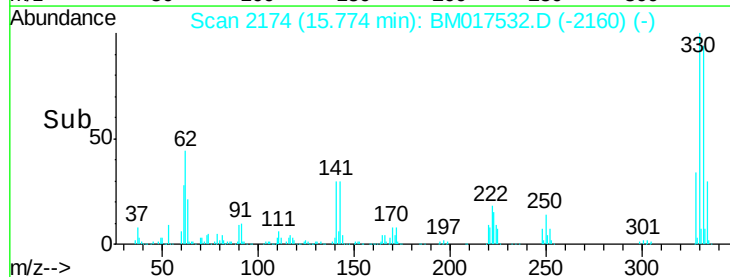
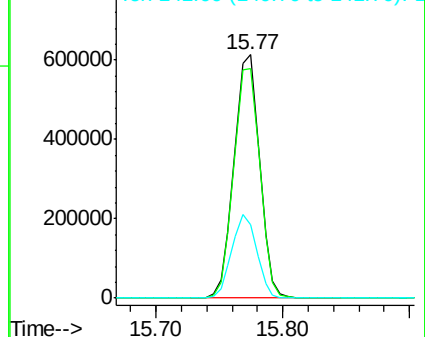
141 33.8 27.4 41.0

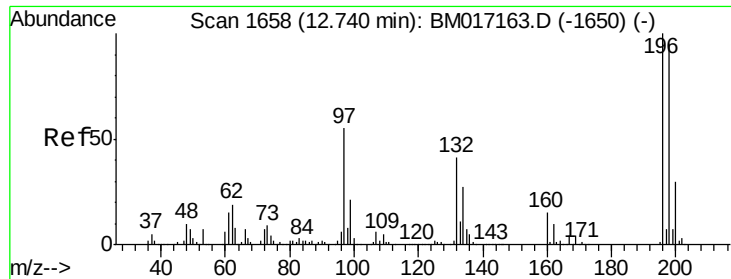


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

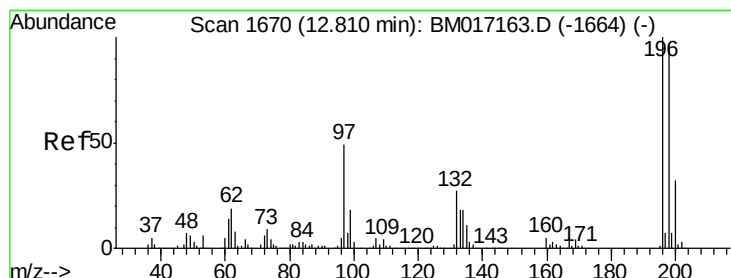
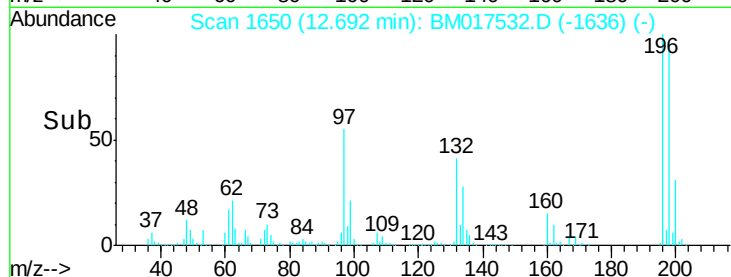
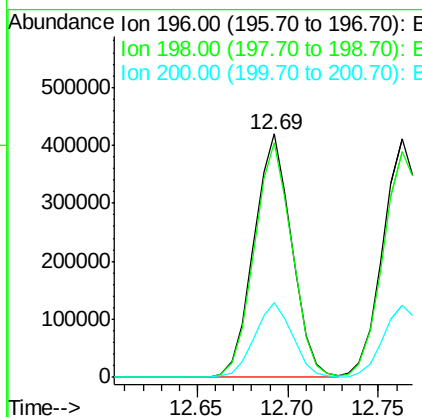
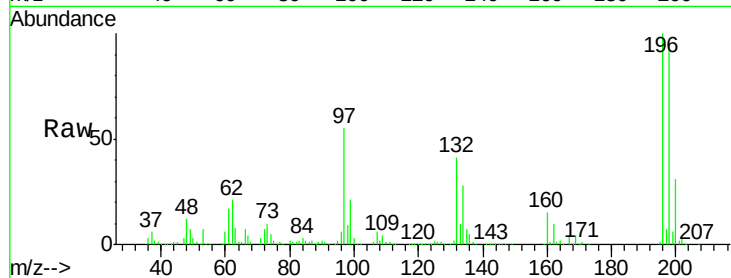




#43  
2,4,6-Trichlorophenol  
Concen: 44.18 ng  
RT: 12.69 min Scan# 1650  
Delta R.T. -0.02 min  
Lab File: BM017532.D  
Acq: 06 Nov 2018 18:18

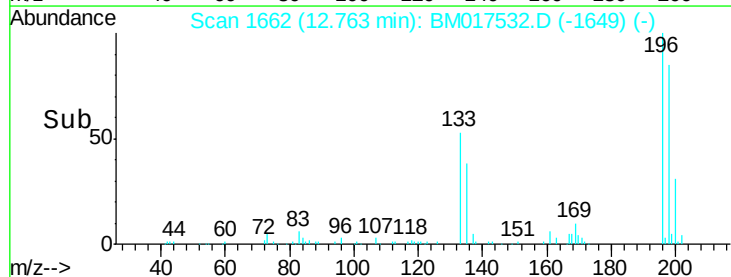
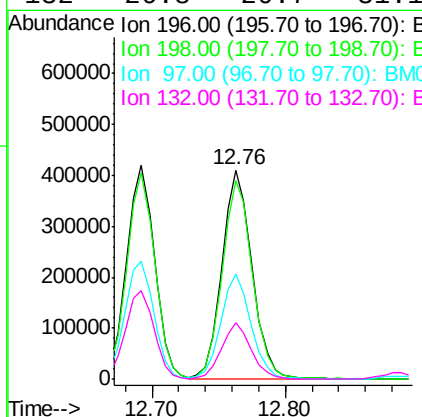
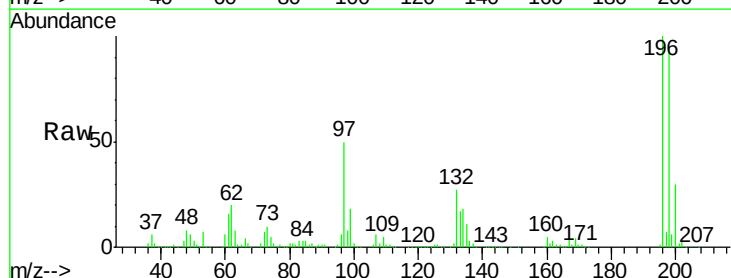
Instrument :  
BNA\_M  
ClientSampled :

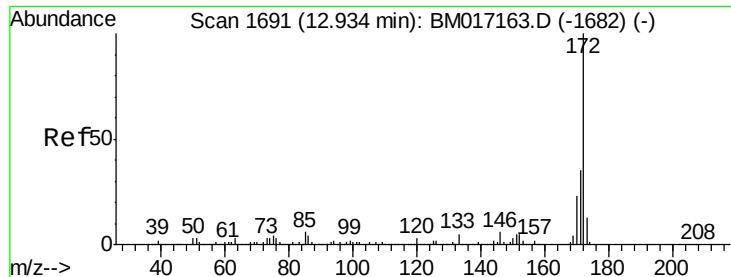
Tot Ion:196 Resp: 606907  
Ion Ratio Lower Upper  
196 100  
198 96.5 77.1 115.7  
200 30.6 25.0 37.4



#44  
2,4,5-Trichlorophenol  
Concen: 43.71 ng  
RT: 12.76 min Scan# 1662  
Delta R.T. -0.02 min  
Lab File: BM017532.D  
Acq: 06 Nov 2018 18:18

Tgt Ion:196 Resp: 643742  
Ion Ratio Lower Upper  
196 100  
198 95.0 76.6 115.0  
97 50.0 35.5 53.3  
132 26.8 20.7 31.1

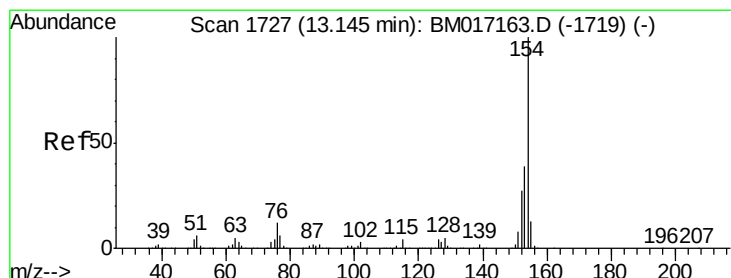
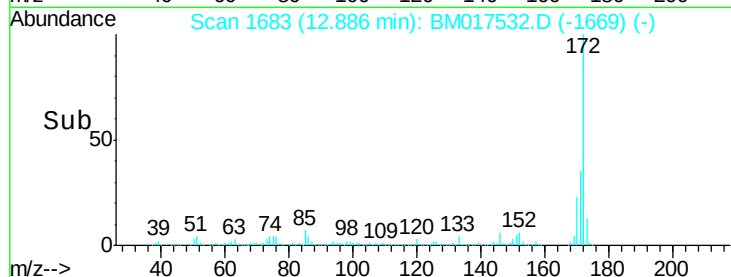
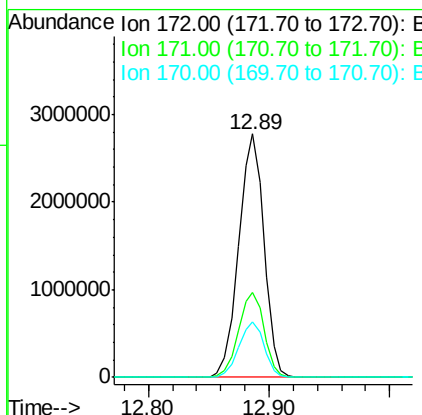
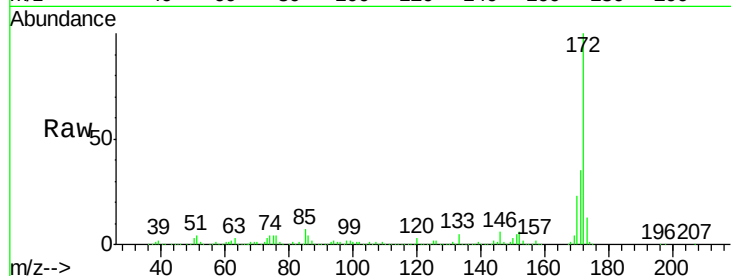




#45  
2-Fluorobiphenyl  
Concen: 80.37 ng  
RT: 12.89 min Scan# 1683  
Delta R.T. -0.02 min  
Lab File: BM017532.D  
Acq: 06 Nov 2018 18:18

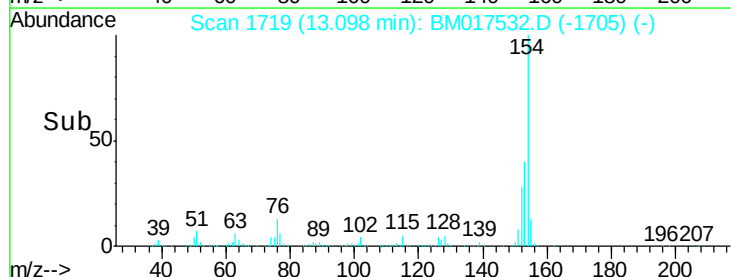
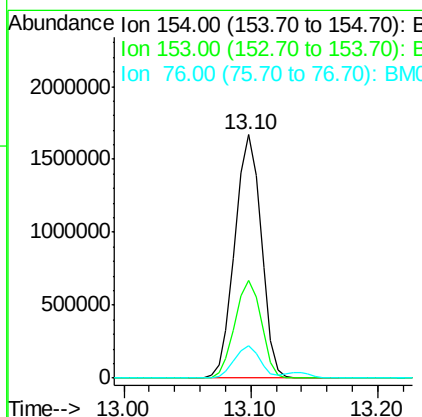
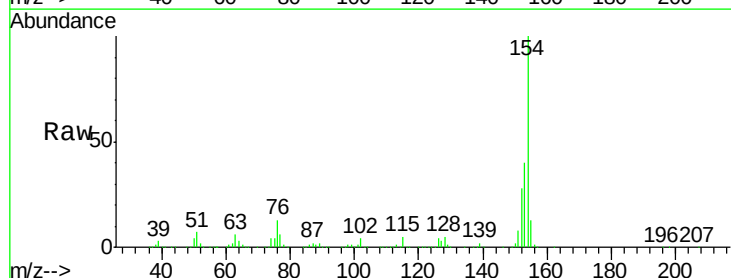
Instrument :  
BNA\_M  
ClientSampleId :

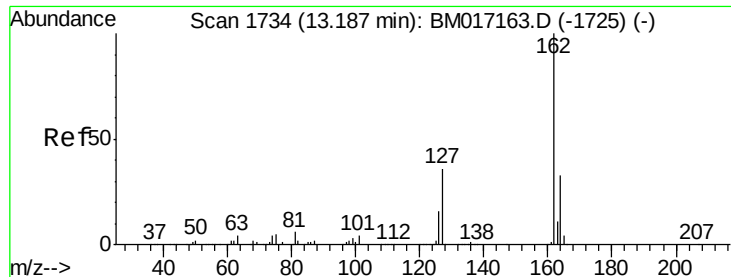
Tot Ion:172 Resp: 4058376  
Ion Ratio Lower Upper  
172 100  
171 34.9 28.3 42.5  
170 22.8 18.3 27.5



#46  
1,1'-Biphenyl  
Concen: 39.81 ng  
RT: 13.10 min Scan# 1719  
Delta R.T. -0.02 min  
Lab File: BM017532.D  
Acq: 06 Nov 2018 18:18

Tgt Ion:154 Resp: 2407122  
Ion Ratio Lower Upper  
154 100  
153 40.2 20.5 60.5  
76 13.2 0.0 31.8

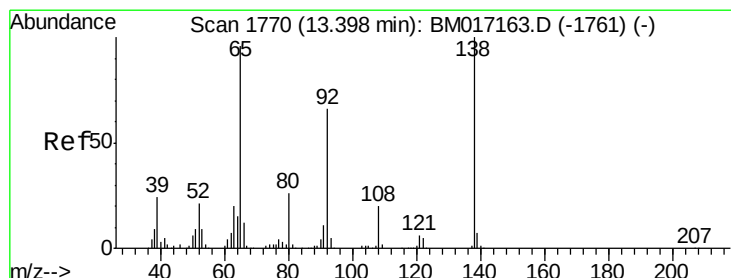
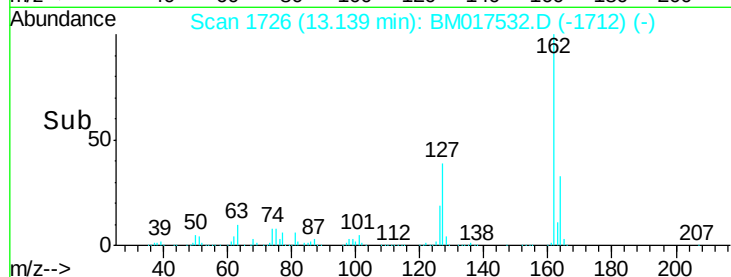
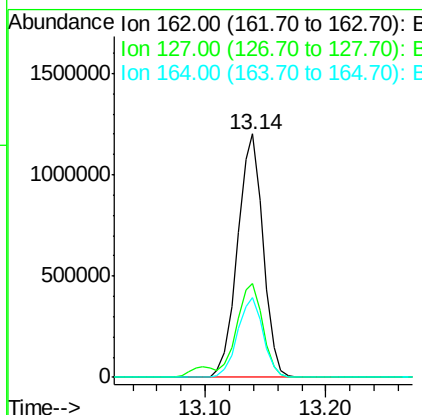
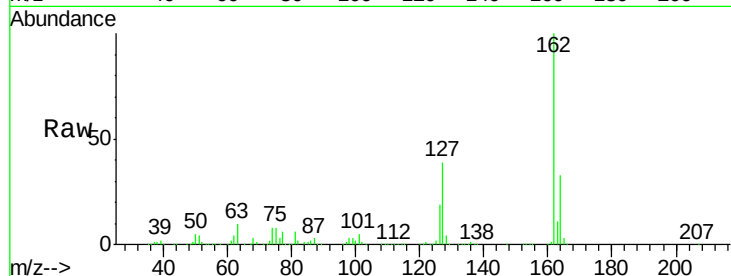




#47  
 2-Chloronaphthalene  
 Concen: 39.75 ng  
 RT: 13.14 min Scan# 1726  
 Delta R.T. -0.02 min  
 Lab File: BM017532.D  
 Acq: 06 Nov 2018 18:18

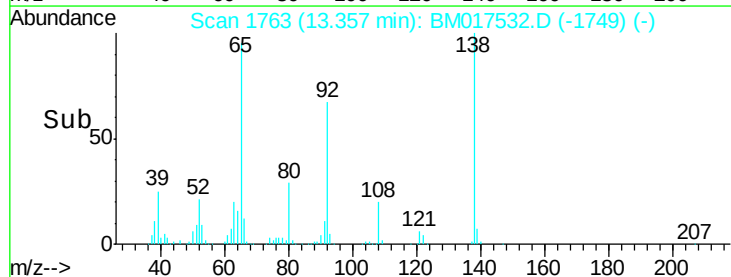
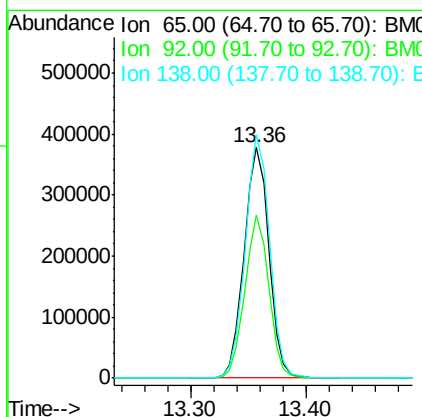
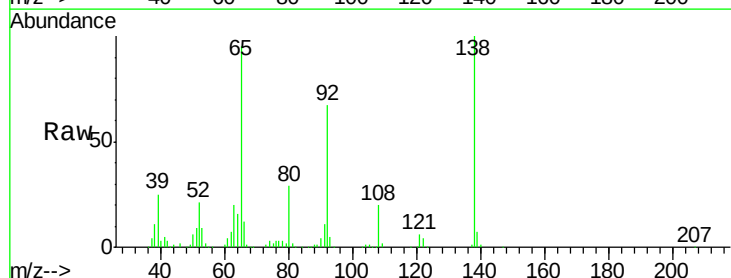
Instrument :  
 BNA\_M  
 ClientSampleId :

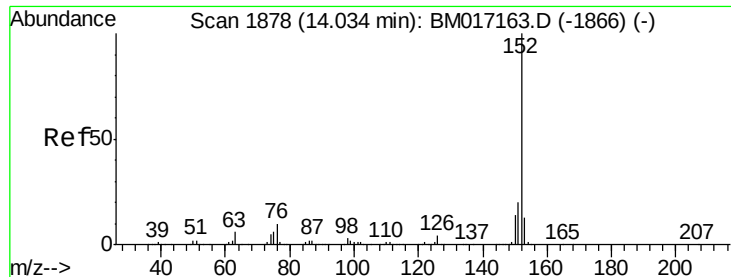
Tot Ion:162 Resp: 1768153  
 Ion Ratio Lower Upper  
 162 100  
 127 38.7 31.0 46.4  
 164 32.8 26.6 39.8



#48  
 2-Nitroaniline  
 Concen: 45.46 ng  
 RT: 13.36 min Scan# 1763  
 Delta R.T. -0.02 min  
 Lab File: BM017532.D  
 Acq: 06 Nov 2018 18:18

Tgt Ion: 65 Resp: 566981  
 Ion Ratio Lower Upper  
 65 100  
 92 70.5 54.9 82.3  
 138 105.7 83.7 125.5





#49

Acenaphthylene

Concen: 42.21 ng

RT: 13.99 min Scan# 1871

Delta R.T. -0.02 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

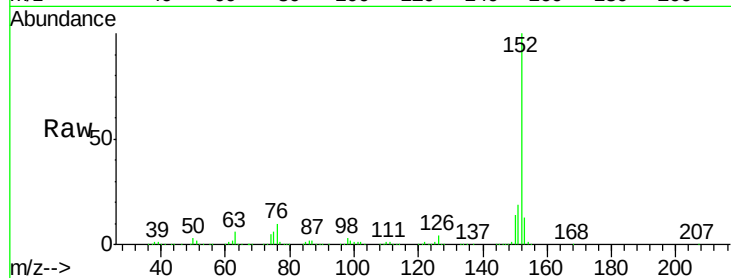
Instrument :

BNA\_M

ClientSampled :

Tot Ion:152 Resp: 2721454

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 19.2  | 16.0  | 24.0  |
| 153 | 13.0  | 10.4  | 15.6  |

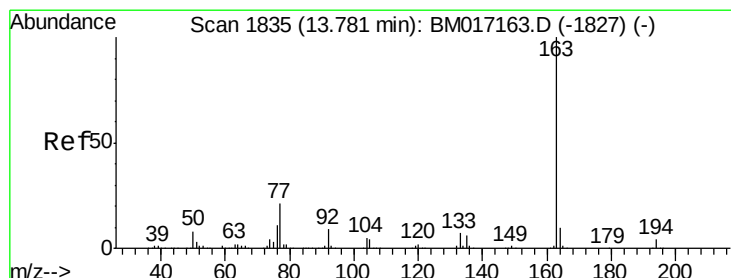
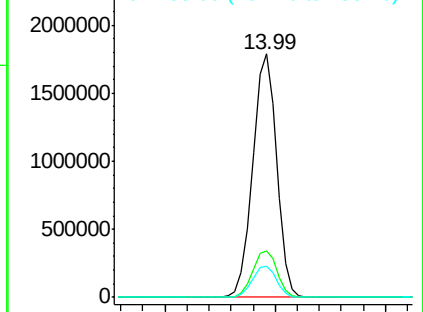
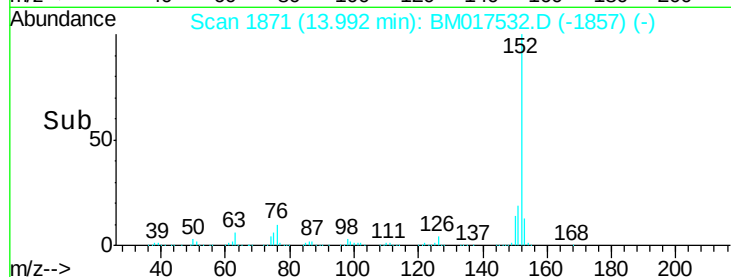


Abundance

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: 43.99 ng

RT: 13.75 min Scan# 1829

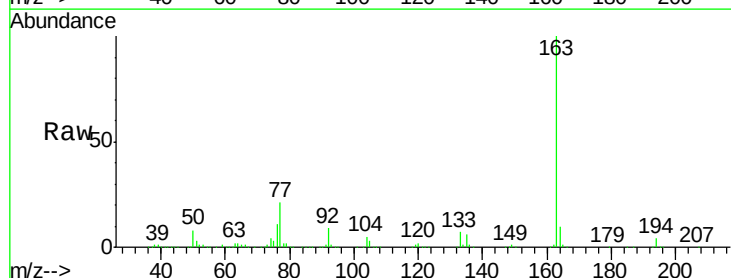
Delta R.T. -0.02 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

Tgt Ion:163 Resp: 2280050

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.2   | 3.3   | 4.9   |
| 164 | 9.8   | 7.8   | 11.8  |

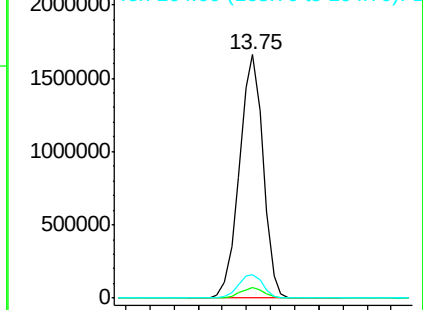
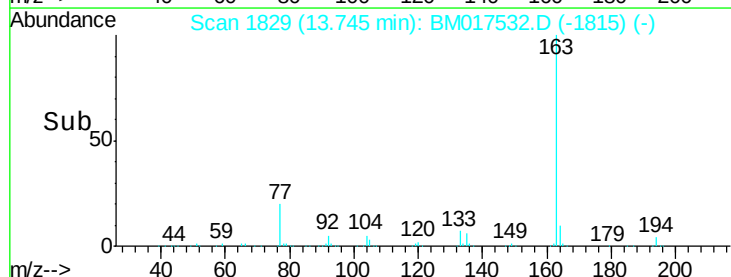


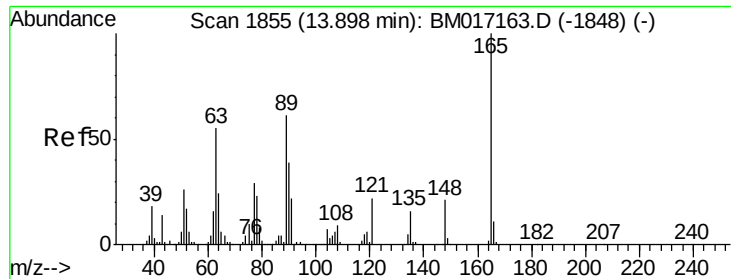
Abundance

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

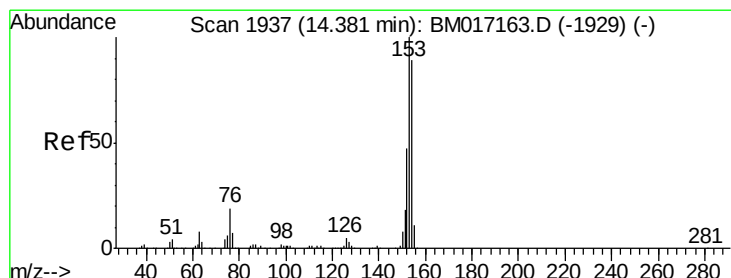
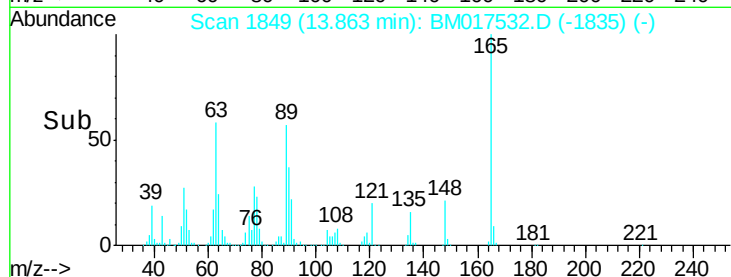
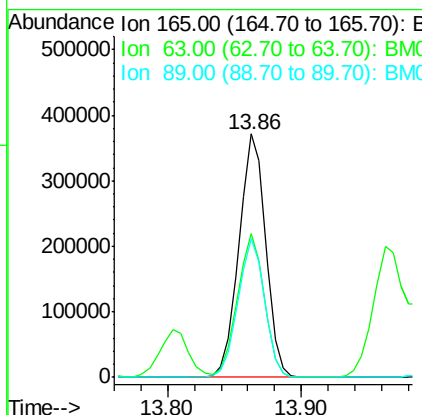
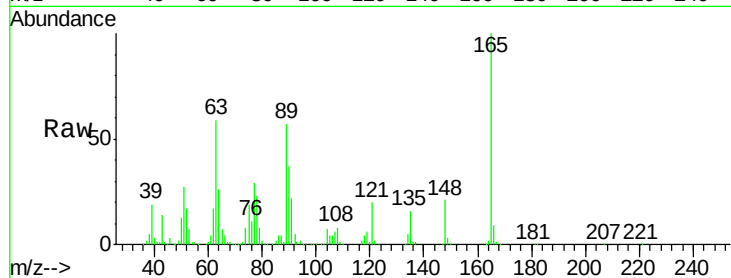




#51  
2,6-Dinitrotoluene  
Concen: 44.97 ng  
RT: 13.86 min Scan# 1849  
Delta R.T. -0.02 min  
Lab File: BM017532.D  
Acq: 06 Nov 2018 18:18

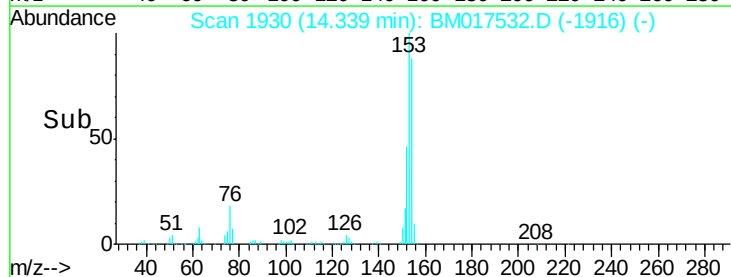
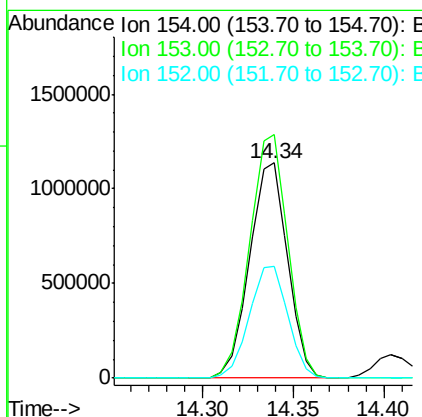
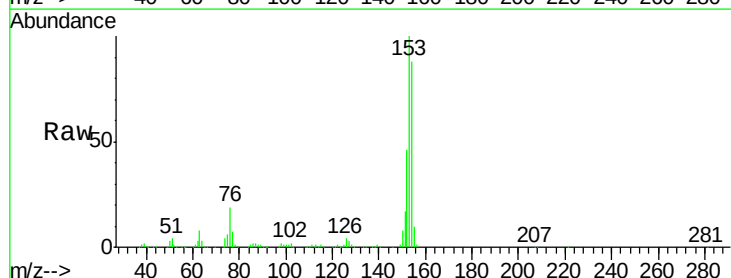
Instrument :  
BNA\_M  
ClientSampled :

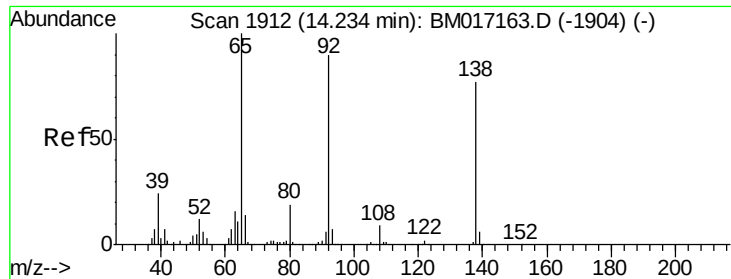
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 58.9  | 42.7  | 64.1  |
| 89      | 56.9  | 42.1  | 63.1  |



#52  
Acenaphthene  
Concen: 40.95 ng  
RT: 14.34 min Scan# 1930  
Delta R.T. -0.02 min  
Lab File: BM017532.D  
Acq: 06 Nov 2018 18:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 113.0 | 90.2  | 135.2 |
| 152     | 51.9  | 44.2  | 66.4  |





#53

3-Nitroaniline

Concen: 44.30 ng

RT: 14.20 min Scan# 1906

Delta R.T. -0.02 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

Instrument :

BNA\_M

ClientSampleId :

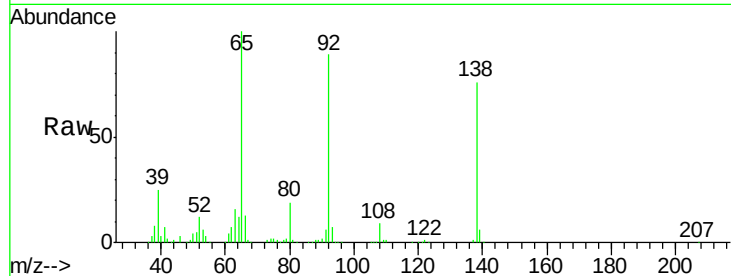
Tot Ion:138 Resp: 547373

Ion Ratio Lower Upper

138 100

108 11.4 8.7 13.1

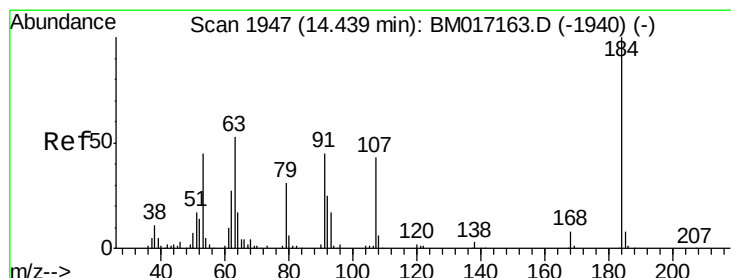
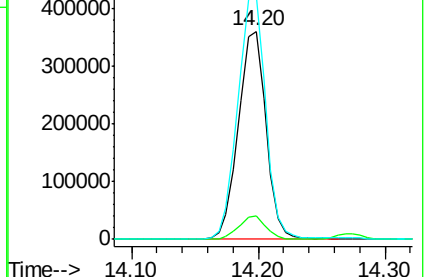
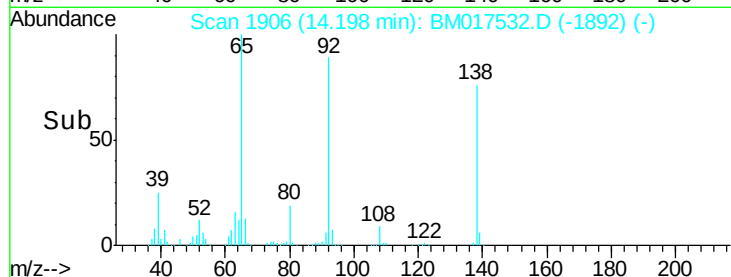
92 117.1 87.9 131.9



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: 47.65 ng

RT: 14.40 min Scan# 1941

Delta R.T. -0.02 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

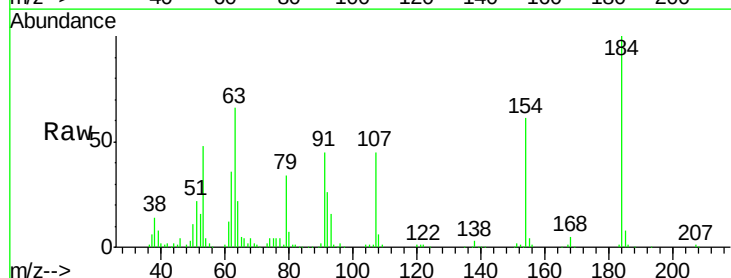
Tgt Ion:184 Resp: 294116

Ion Ratio Lower Upper

184 100

63 66.5 51.2 76.8

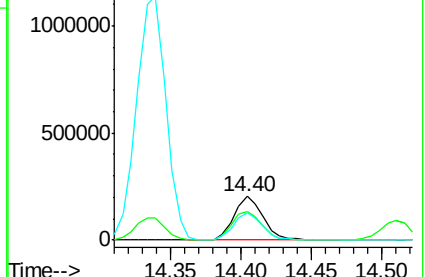
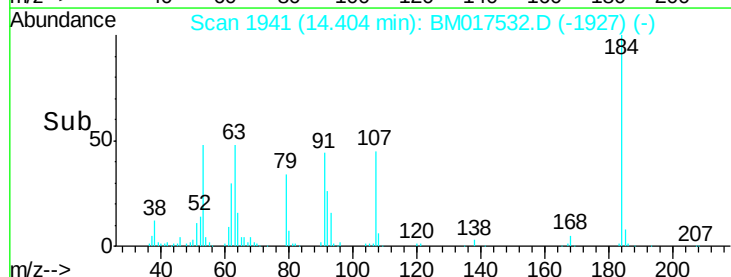
154 61.2 47.8 71.8

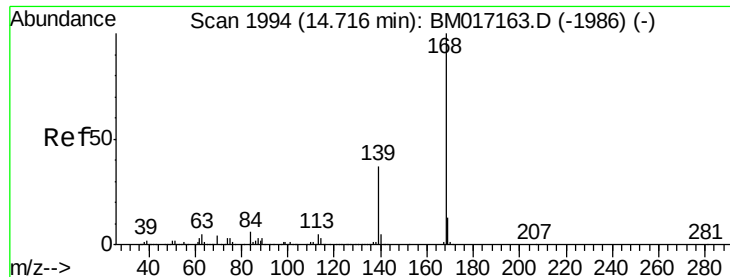


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 40.53 ng

RT: 14.67 min Scan# 1987

Delta R.T. -0.02 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

Instrument :

BNA\_M

ClientSampleId :

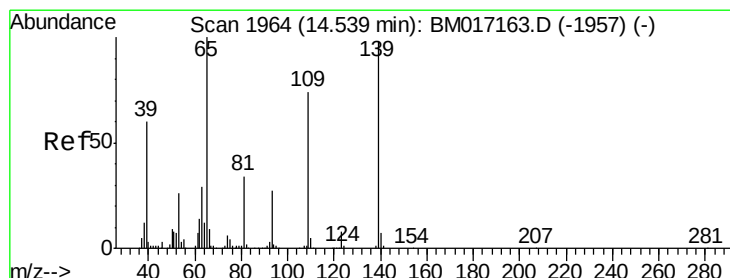
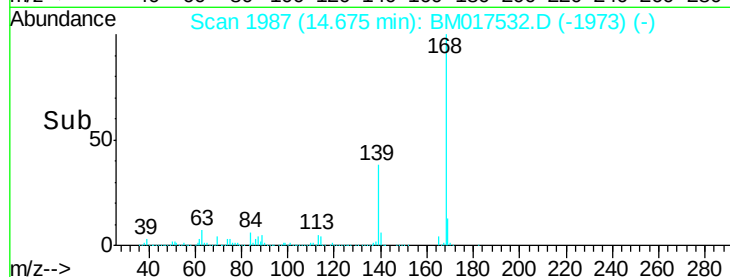
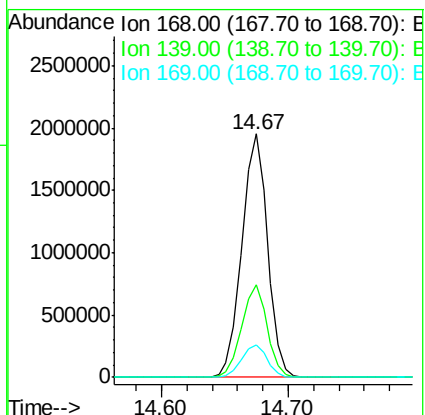
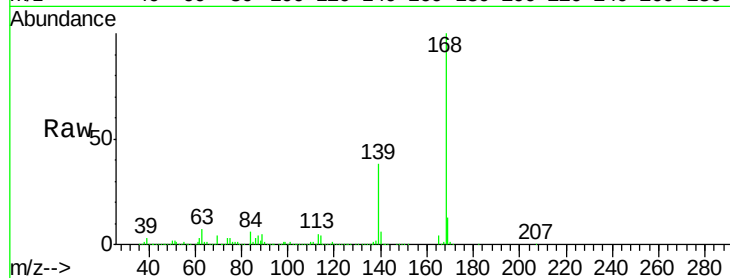
Tot Ion:168 Resp: 2728782

Ion Ratio Lower Upper

168 100

139 37.9 29.3 43.9

169 13.2 10.6 15.8



#56

4-Nitrophenol

Concen: 41.49 ng

RT: 14.51 min Scan# 1959

Delta R.T. -0.02 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

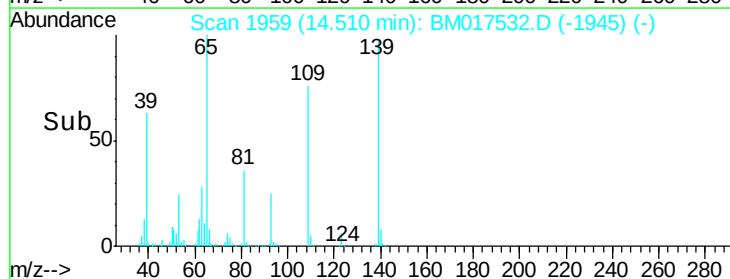
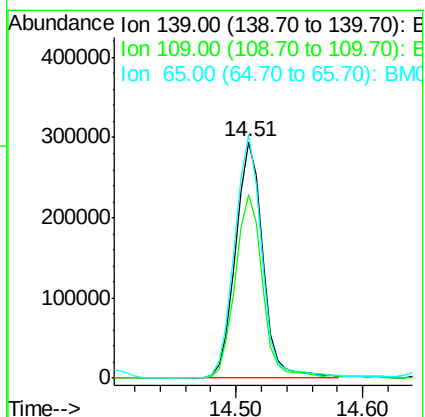
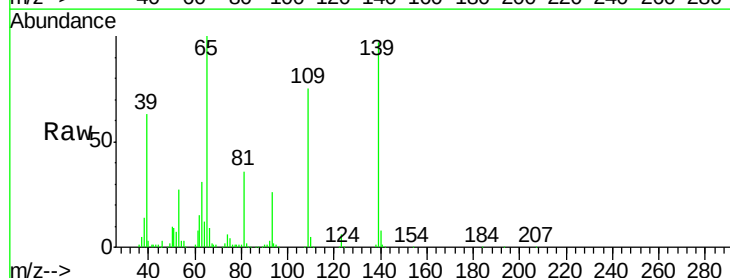
Tgt Ion:139 Resp: 440085

Ion Ratio Lower Upper

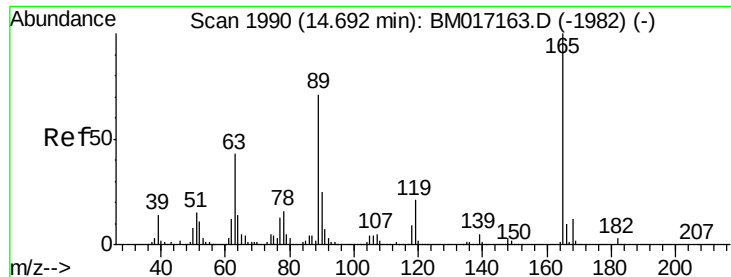
139 100

109 77.6 51.8 91.8

65 103.1 72.1 112.1



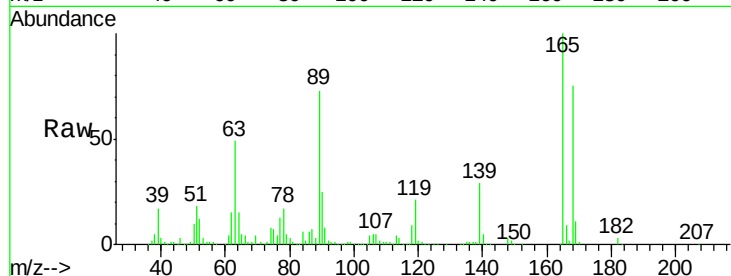




#57  
2,4-Dinitrotoluene  
Concen: 47.45 ng  
RT: 14.66 min Scan# 1984  
Delta R.T. -0.02 min  
Lab File: BM017532.D  
Acq: 06 Nov 2018 18:18

Instrument :  
BNA\_M  
ClientSampleId :

|             |       |             |
|-------------|-------|-------------|
| Tot Ion:165 | Resp: | 727684      |
| Ion         | Ratio | Lower Upper |
| 165         | 100   |             |
| 63          | 48.8  | 33.8 50.8   |
| 89          | 72.6  | 53.1 79.7   |
| 182         | 2.8   | 2.0 3.0     |

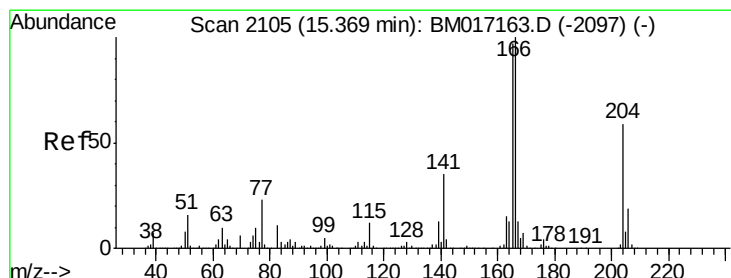
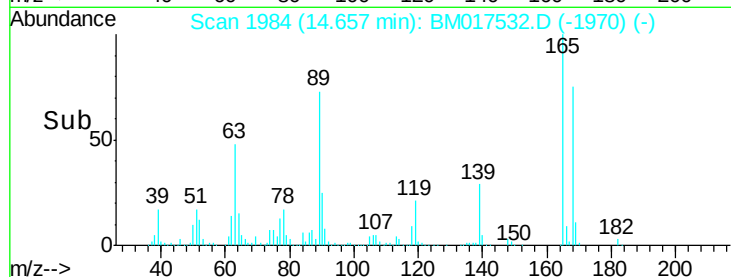
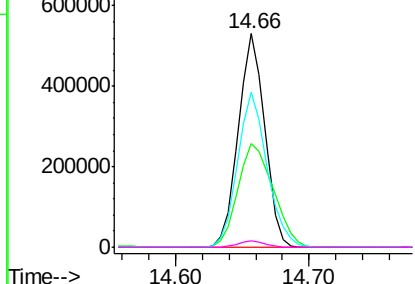


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

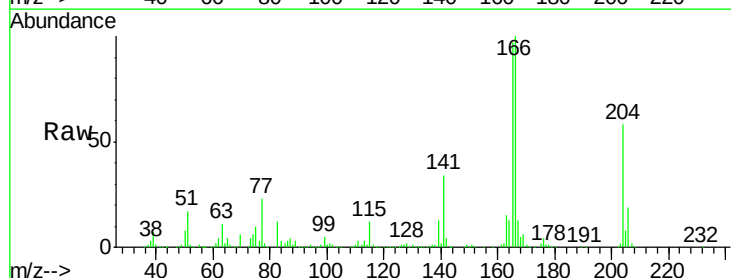
Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 43.07 ng  
RT: 15.33 min Scan# 2098  
Delta R.T. -0.02 min  
Lab File: BM017532.D  
Acq: 06 Nov 2018 18:18

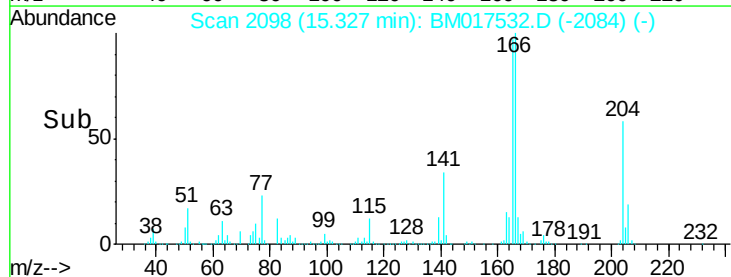
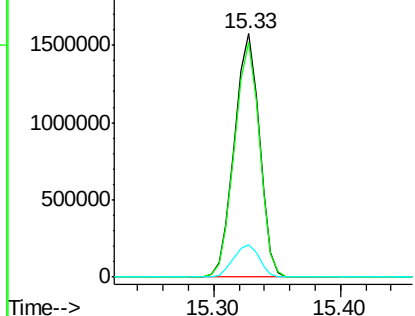
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:166 | Resp: | 2146019     |
| Ion         | Ratio | Lower Upper |
| 166         | 100   |             |
| 165         | 96.6  | 78.1 117.1  |
| 167         | 13.2  | 10.6 16.0   |

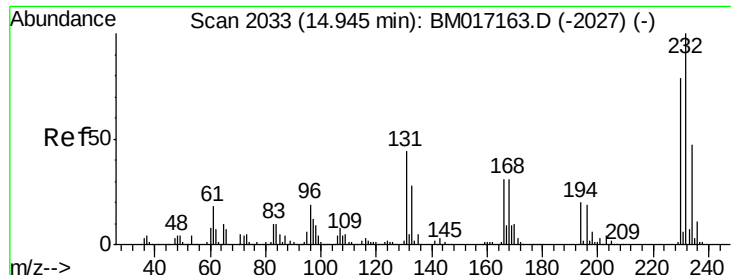


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

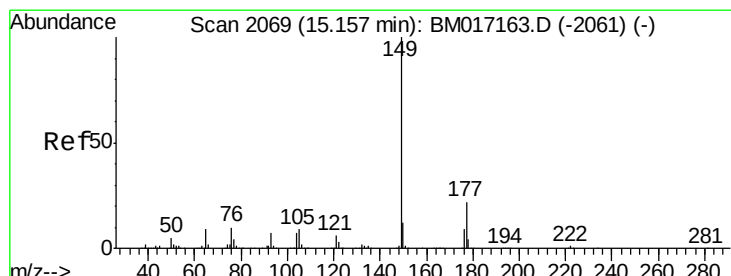
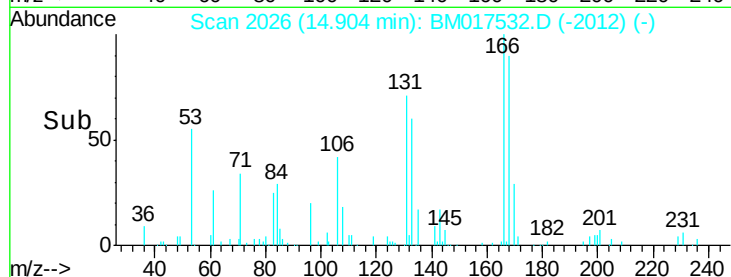
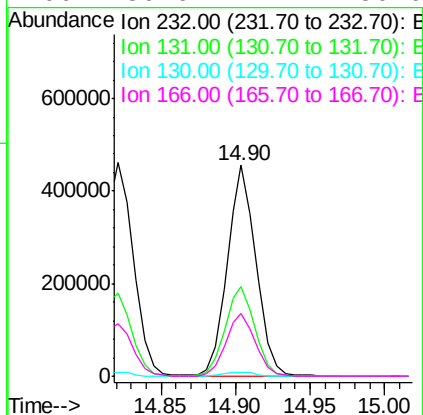
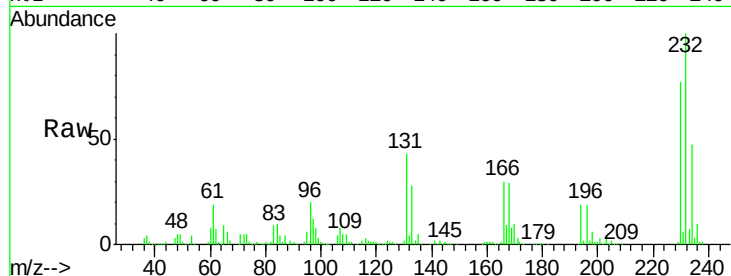




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 45.63 ng  
RT: 14.90 min Scan# 2026  
Delta R.T. -0.02 min  
Lab File: BM017532.D  
Acq: 06 Nov 2018 18:18

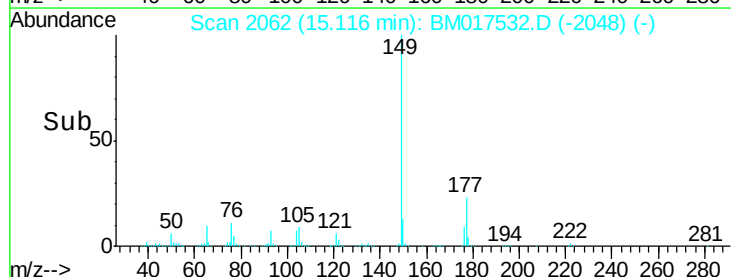
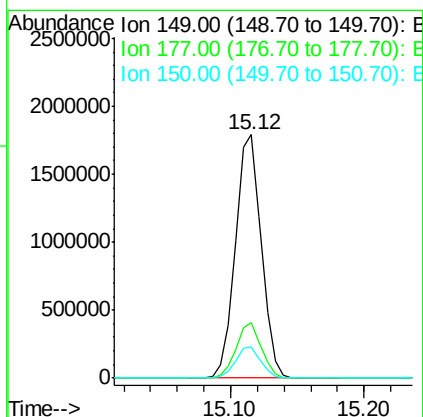
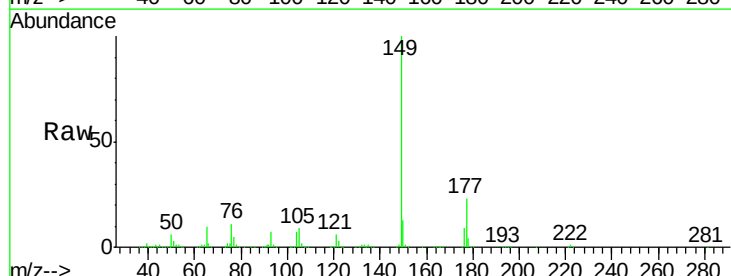
Instrument :  
BNA\_M  
ClientSampleId :

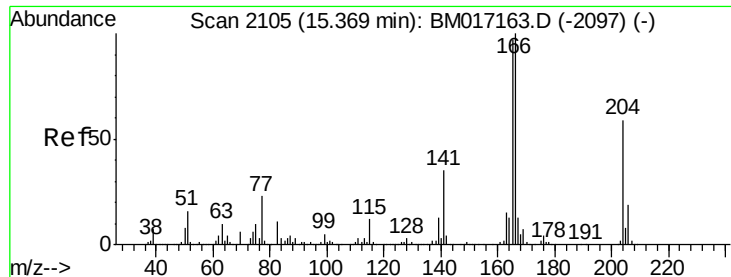
Tot Ion:232 Resp: 612629  
Ion Ratio Lower Upper  
232 100  
131 44.2 33.1 49.7  
130 2.2 1.7 2.5  
166 30.6 24.4 36.6



#60  
Diethylphthalate  
Concen: 46.90 ng  
RT: 15.12 min Scan# 2062  
Delta R.T. -0.02 min  
Lab File: BM017532.D  
Acq: 06 Nov 2018 18:18

Tgt Ion:149 Resp: 2411060  
Ion Ratio Lower Upper  
149 100  
177 22.7 17.7 26.5  
150 12.6 10.0 15.0

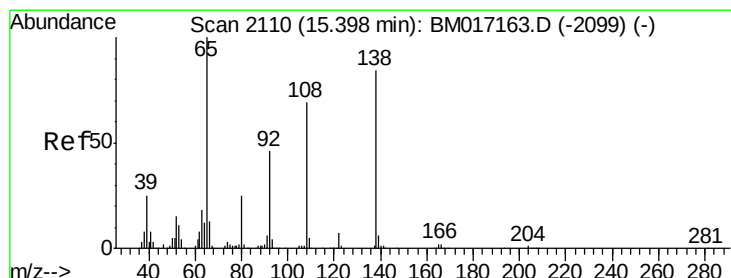
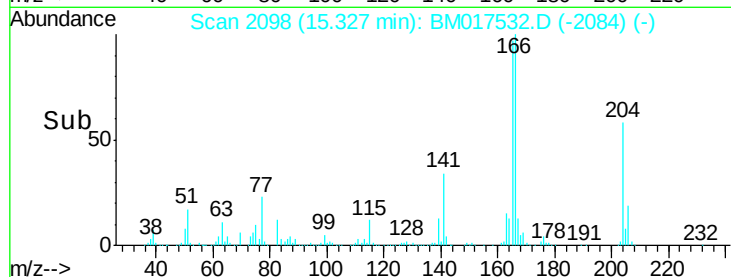
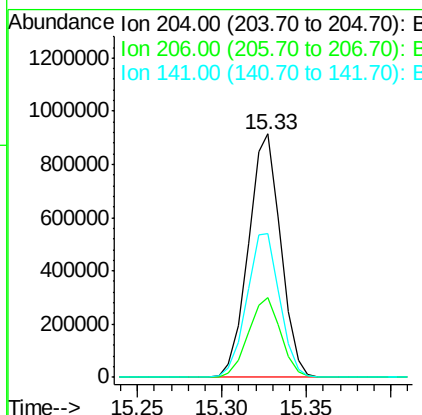
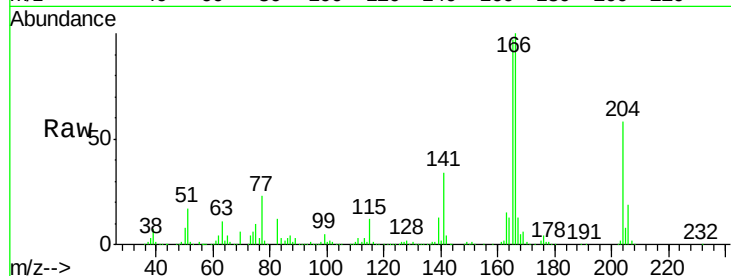




#61  
4-Chlorophenyl-phenylether  
Concen: 42.79 ng  
RT: 15.33 min Scan# 2098  
Delta R.T. -0.02 min  
Lab File: BM017532.D  
Acq: 06 Nov 2018 18:18

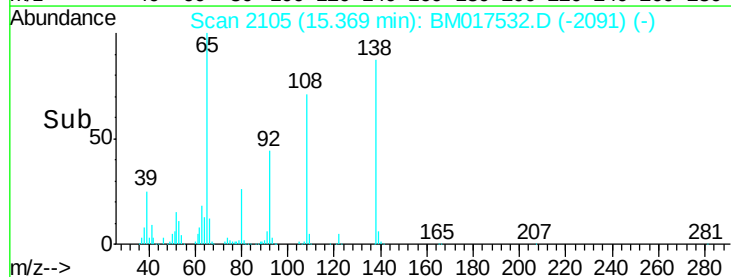
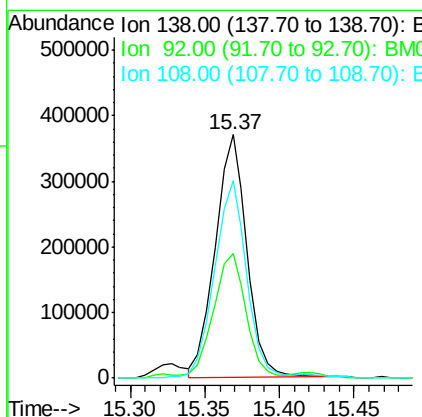
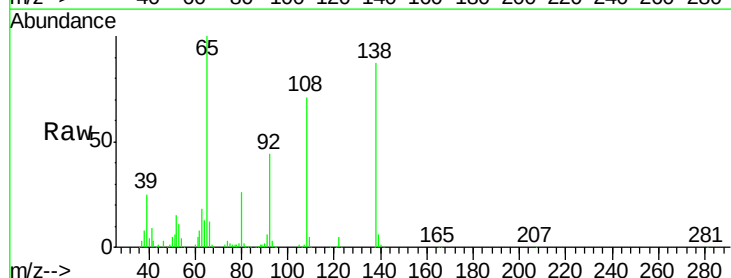
Instrument :  
BNA\_M  
ClientSampleId :

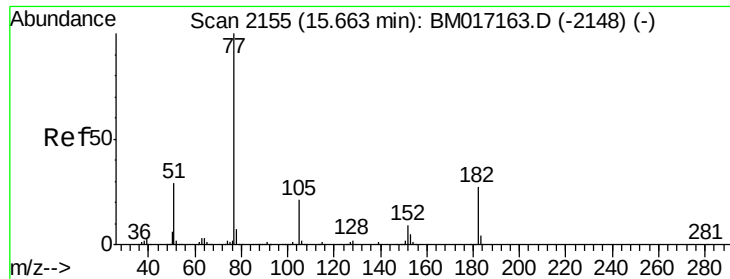
Tot Ion:204 Resp: 1215583  
Ion Ratio Lower Upper  
204 100  
206 32.6 26.1 39.1  
141 59.1 45.4 68.2



#62  
4-Nitroaniline  
Concen: 40.80 ng  
RT: 15.37 min Scan# 2105  
Delta R.T. -0.02 min  
Lab File: BM017532.D  
Acq: 06 Nov 2018 18:18

Tgt Ion:138 Resp: 551641  
Ion Ratio Lower Upper  
138 100  
92 51.0 31.2 71.2  
108 81.1 55.5 95.5





#63

Azobenzene

Concen: 46.34 ng

RT: 15.62 min Scan# 2147

Delta R.T. -0.02 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 77 Resp: 2315644

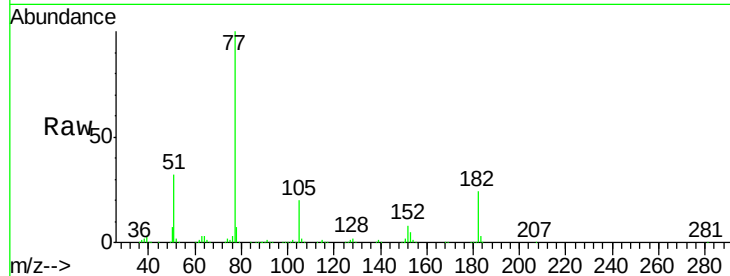
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 24.3  | 8.3   | 48.3  |
| 105 | 19.8  | 1.5   | 41.5  |
| 51  | 31.6  | 8.8   | 48.8  |

77 100

182 24.3 8.3 48.3

105 19.8 1.5 41.5

51 31.6 8.8 48.8



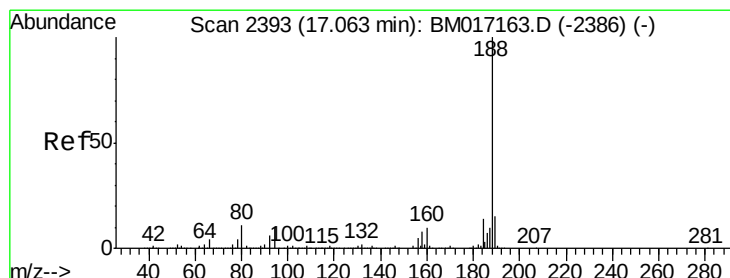
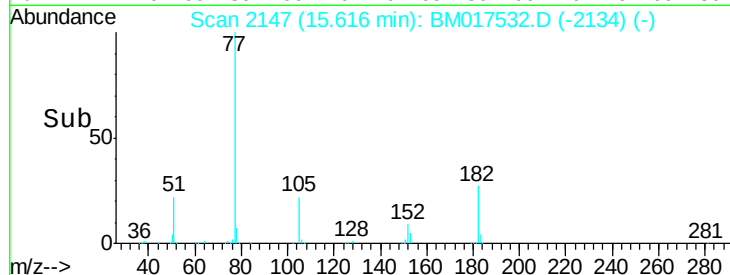
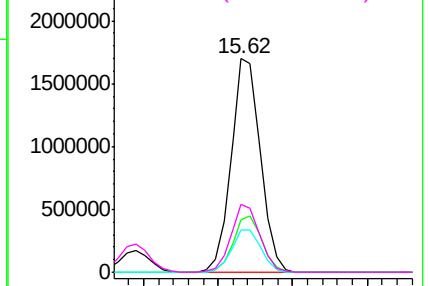
Abundance

Ion 77.00 (76.70 to 77.70): BM017532.D (-2148) (-)

Ion 182.00 (181.70 to 182.70): BM017532.D (-2148) (-)

Ion 105.00 (104.70 to 105.70): BM017532.D (-2148) (-)

Ion 51.00 (50.70 to 51.70): BM017532.D (-2148) (-)



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.02 min Scan# 2386

Delta R.T. -0.02 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

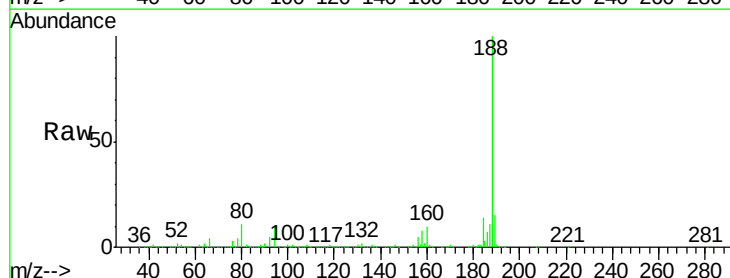
Tgt Ion: 188 Resp: 1624833

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 9.9   | 7.0   | 10.4  |
| 80  | 11.3  | 7.7   | 11.5  |

188 100

94 9.9 7.0 10.4

80 11.3 7.7 11.5

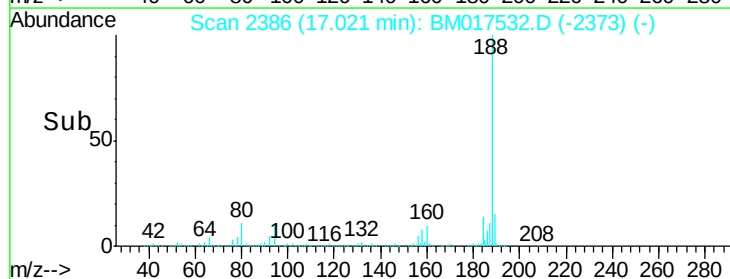
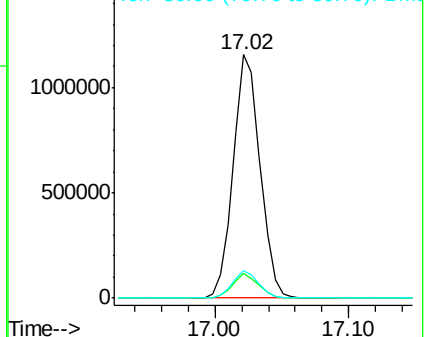


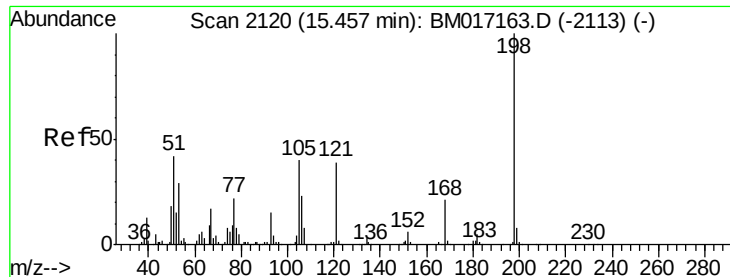
Abundance

Ion 188.00 (187.70 to 188.70): BM017532.D (-2373) (-)

Ion 94.00 (93.70 to 94.70): BM017532.D (-2373) (-)

Ion 80.00 (79.70 to 80.70): BM017532.D (-2373) (-)

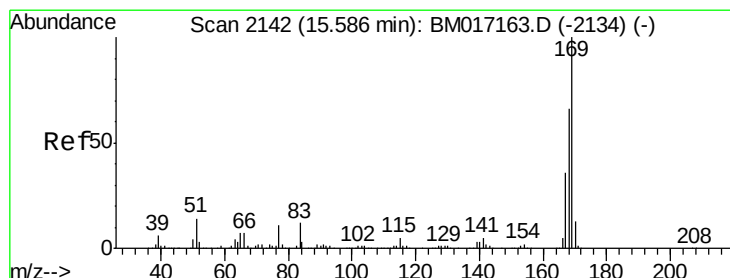
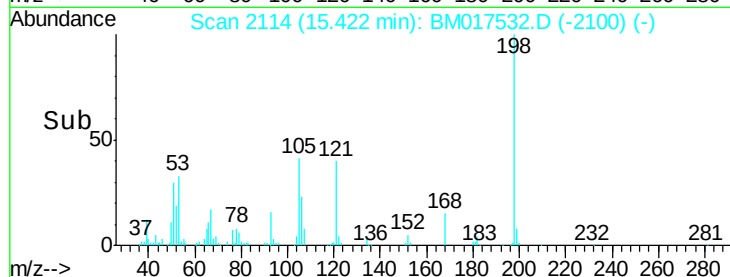
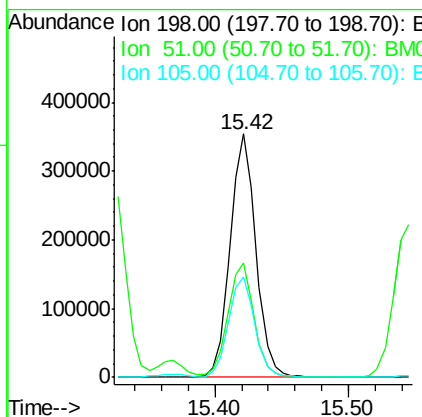
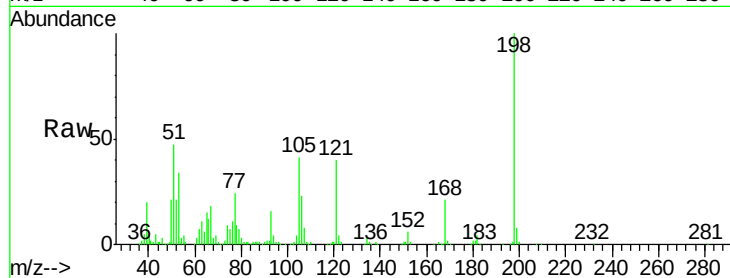




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 46.29 ng  
 RT: 15.42 min Scan# 2114  
 Delta R.T. -0.02 min  
 Lab File: BM017532.D  
 Acq: 06 Nov 2018 18:18

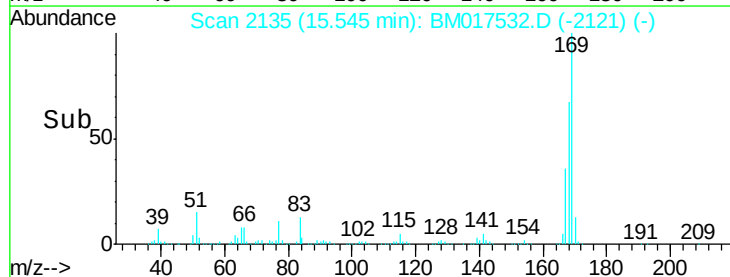
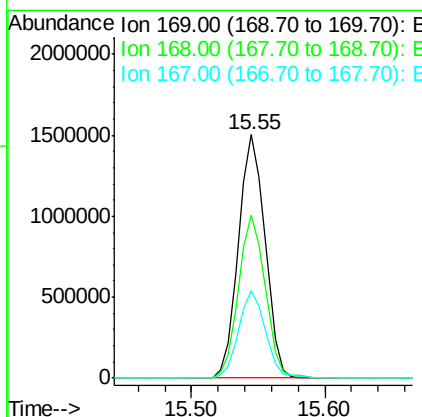
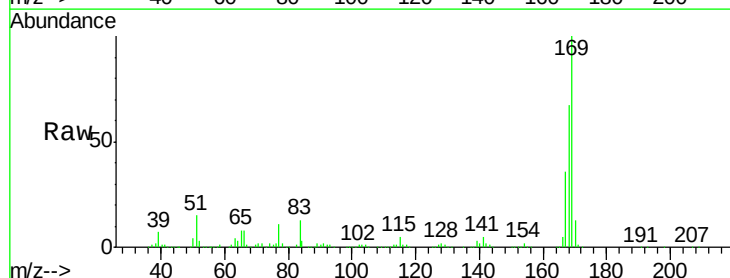
Instrument :  
 BNA\_M  
 ClientSampled :

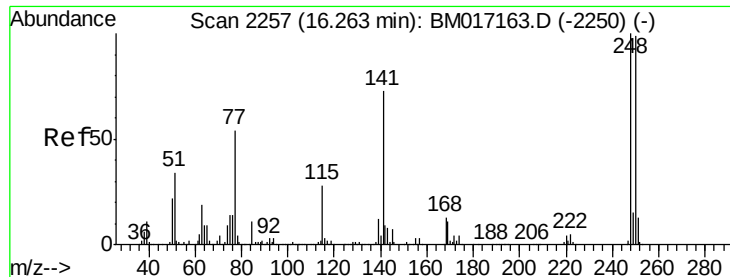
Tot Ion:198 Resp: 479929  
 Ion Ratio Lower Upper  
 198 100  
 51 47.0 20.3 60.3  
 105 41.3 21.9 61.9



#66  
 n-Nitrosodiphenylamine  
 Concen: 42.15 ng  
 RT: 15.55 min Scan# 2135  
 Delta R.T. -0.02 min  
 Lab File: BM017532.D  
 Acq: 06 Nov 2018 18:18

Tgt Ion:169 Resp: 2072008  
 Ion Ratio Lower Upper  
 169 100  
 168 67.0 52.2 78.4  
 167 35.8 28.4 42.6

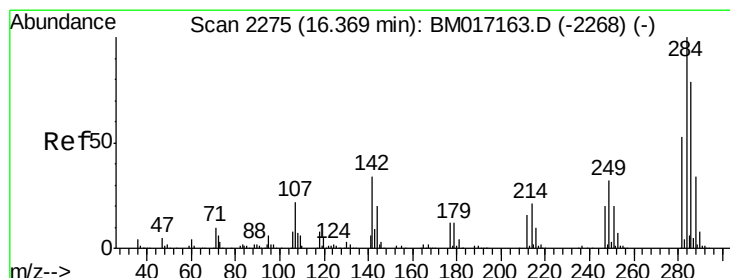
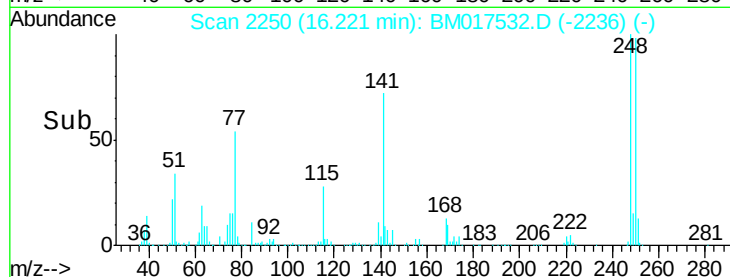
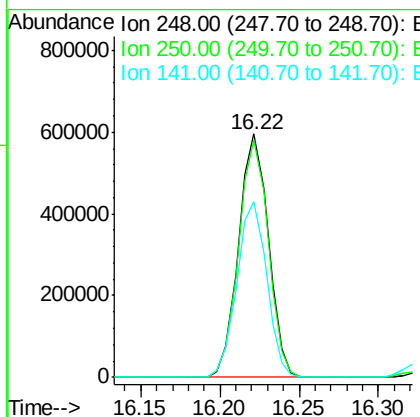
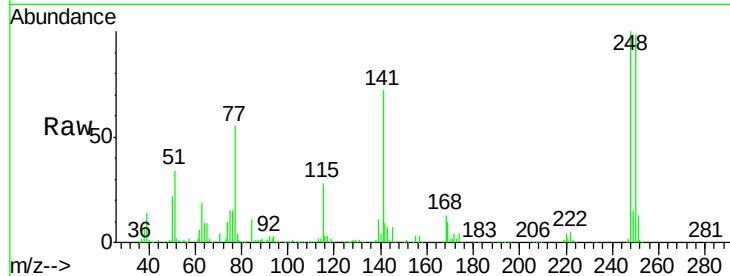




#67  
4-Bromophenyl-phenylether  
Concen: 43.65 ng  
RT: 16.22 min Scan# 2250  
Delta R.T. -0.02 min  
Lab File: BM017532.D  
Acq: 06 Nov 2018 18:18

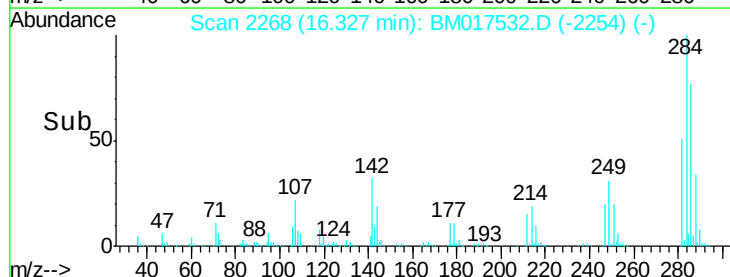
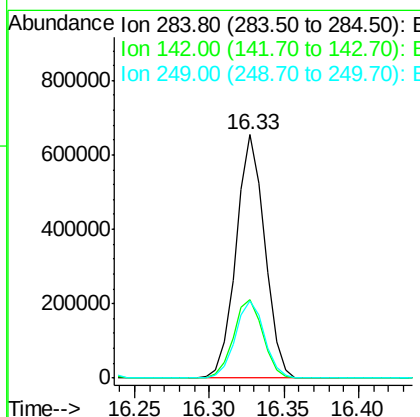
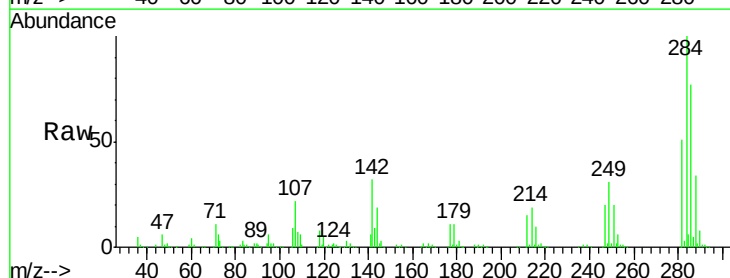
Instrument :  
BNA\_M  
ClientSampleId :

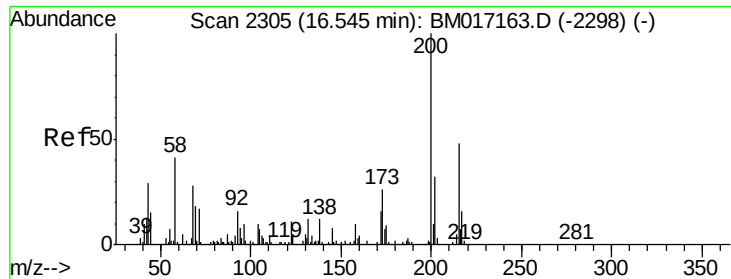
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.7  | 75.1  | 112.7 |
| 141     | 72.2  | 55.6  | 83.4  |



#68  
Hexachlorobenzene  
Concen: 42.27 ng  
RT: 16.33 min Scan# 2268  
Delta R.T. -0.02 min  
Lab File: BM017532.D  
Acq: 06 Nov 2018 18:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 32.1  | 25.0  | 37.6  |
| 249     | 31.5  | 25.5  | 38.3  |

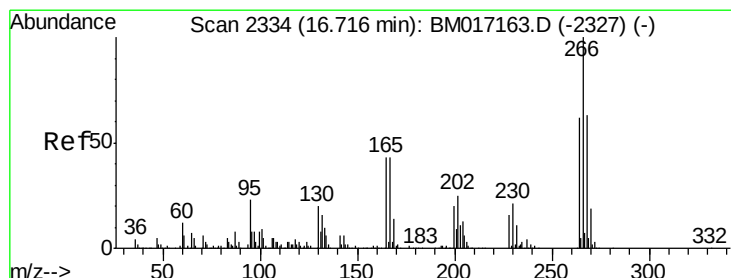
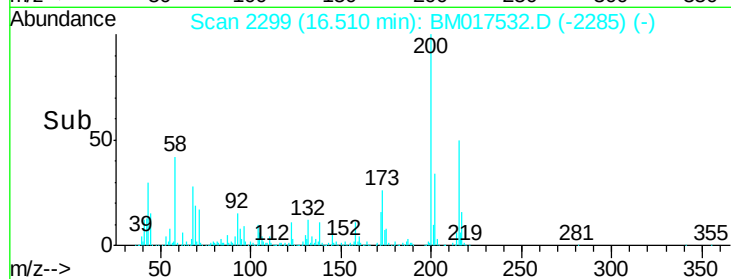
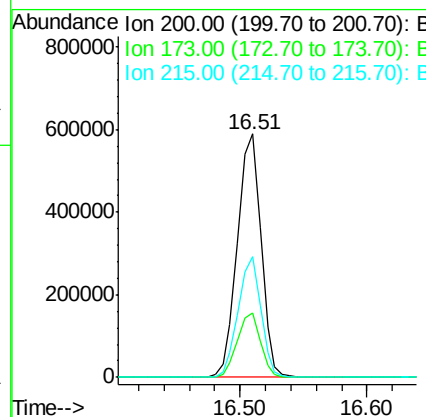
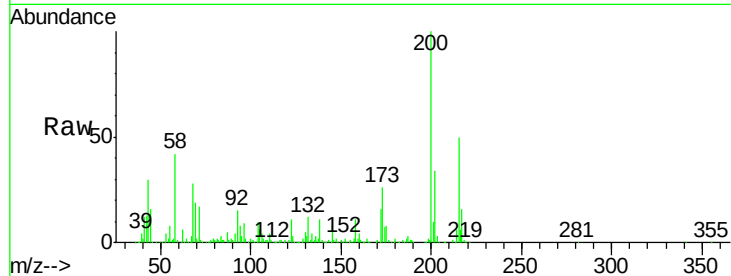




#69  
Atrazine  
Concen: 43.09 ng  
RT: 16.51 min Scan# 2299  
Delta R.T. -0.02 min  
Lab File: BM017532.D  
Acq: 06 Nov 2018 18:18

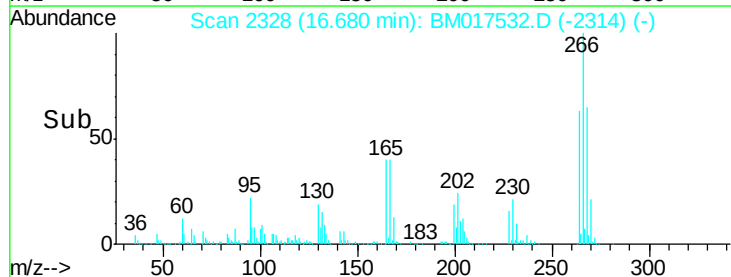
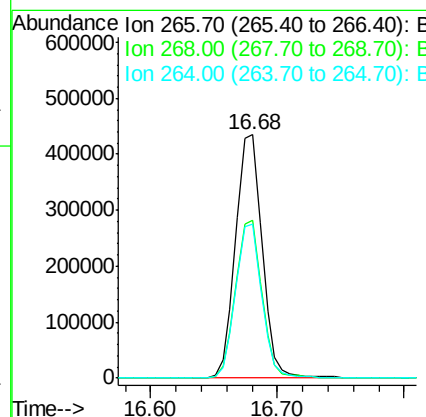
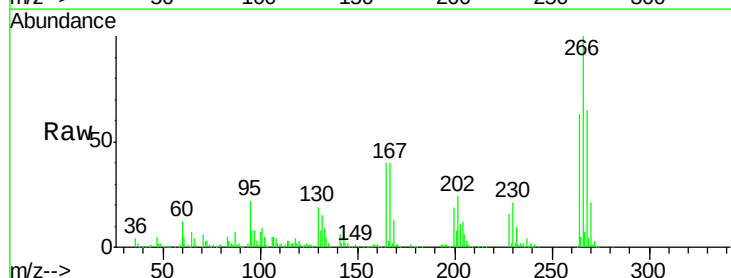
Instrument :  
BNA\_M  
ClientSampleId :

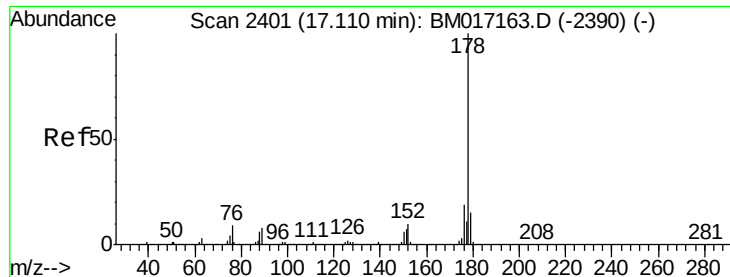
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.3  | 7.0   | 47.0  |
| 215     | 49.8  | 27.3  | 67.3  |



#70  
Pentachlorophenol  
Concen: 44.55 ng  
RT: 16.68 min Scan# 2328  
Delta R.T. -0.02 min  
Lab File: BM017532.D  
Acq: 06 Nov 2018 18:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 65.0  | 50.7  | 76.1  |
| 264     | 63.4  | 50.4  | 75.6  |





#71

Phenanthrene

Concen: 40.39 ng

RT: 17.07 min Scan# 2394

Delta R.T. -0.02 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

Instrument :

BNA\_M

ClientSampleId :

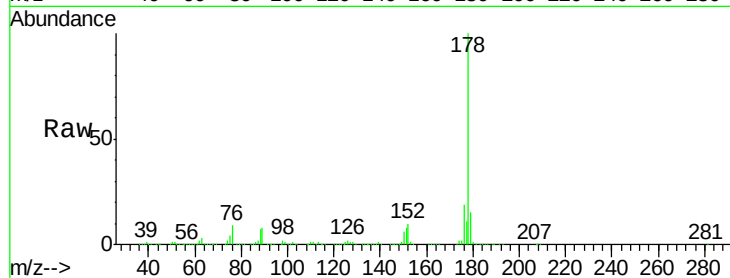
Tot Ion:178 Resp: 3540594

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.6

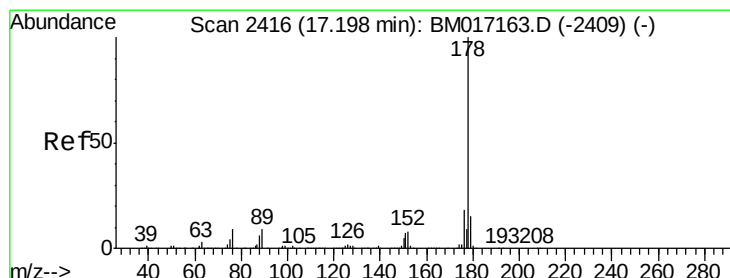
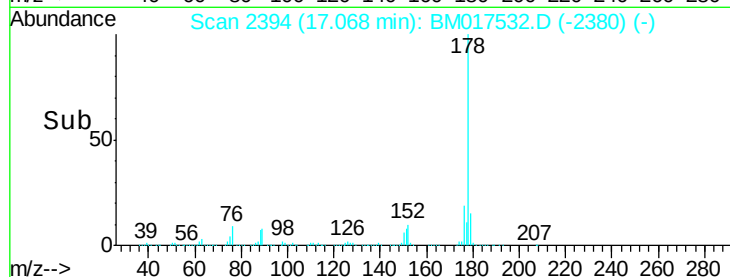
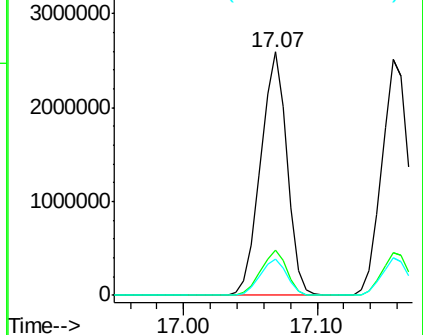
179 14.9 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.98 ng

RT: 17.16 min Scan# 2409

Delta R.T. -0.02 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

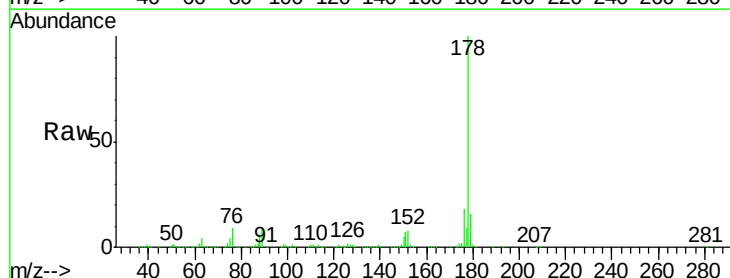
Tgt Ion:178 Resp: 3496732

Ion Ratio Lower Upper

178 100

176 18.1 14.5 21.7

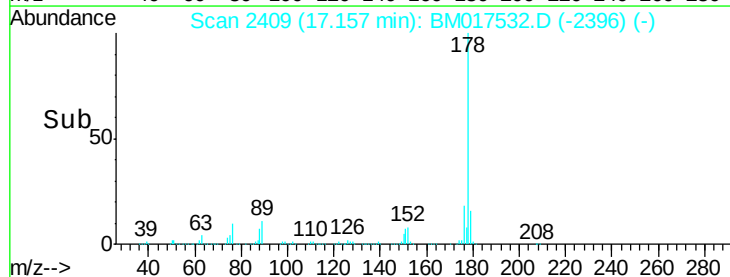
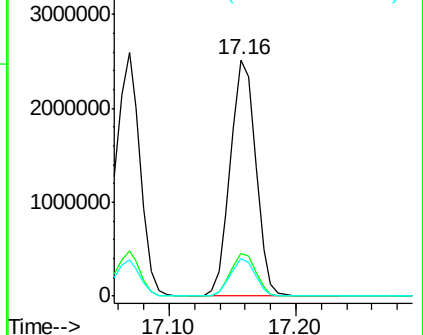
179 15.6 12.2 18.2



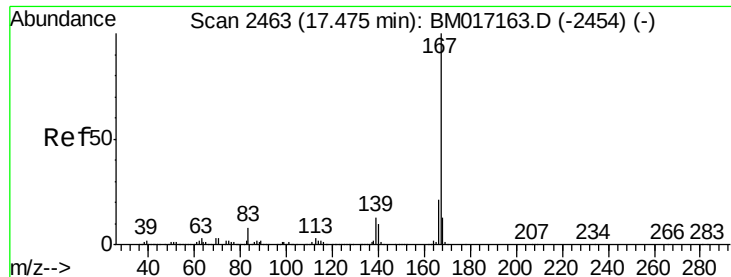
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



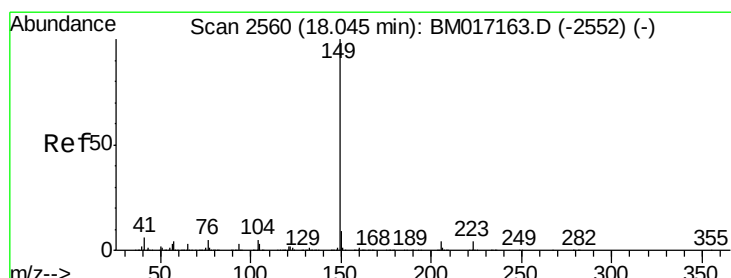
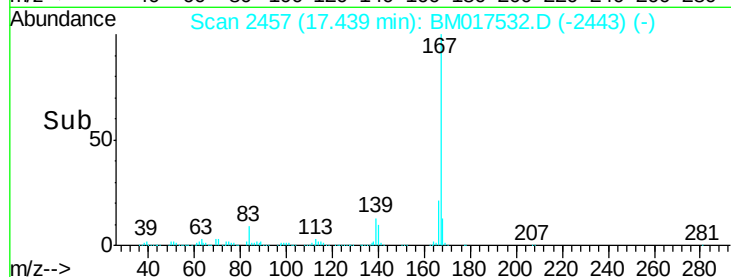
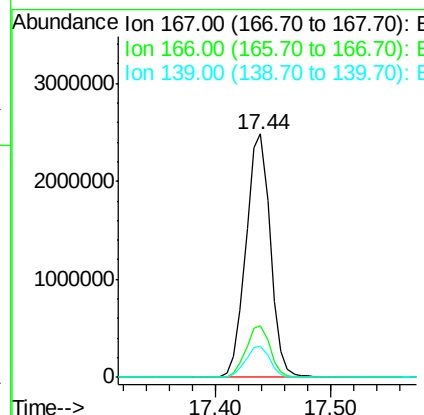
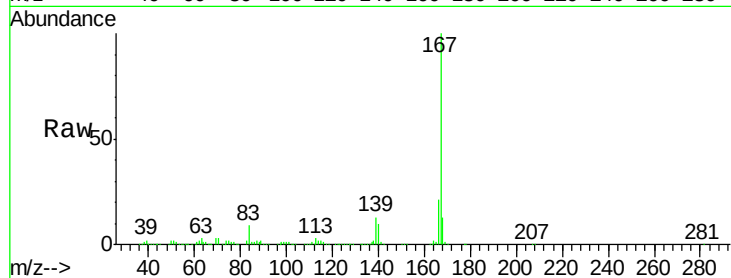




#73  
 Carbazole  
 Concen: 42.85 ng  
 RT: 17.44 min Scan# 2457  
 Delta R.T. -0.02 min  
 Lab File: BM017532.D  
 Acq: 06 Nov 2018 18:18

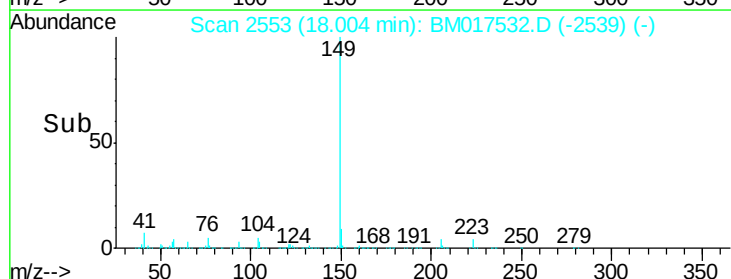
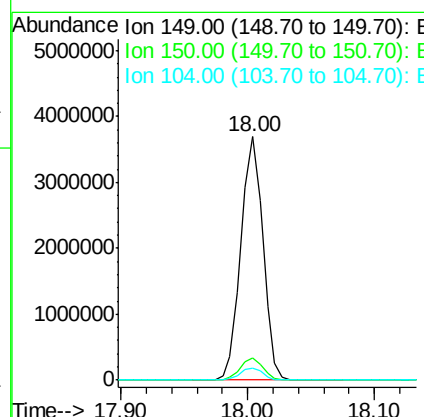
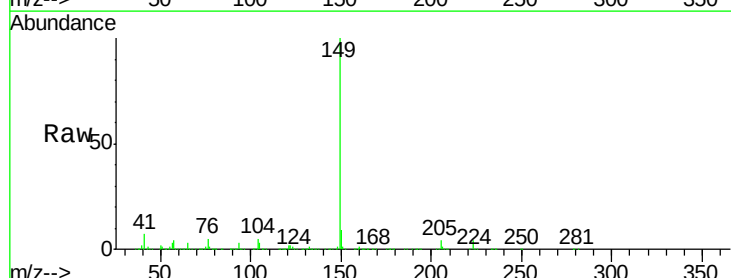
Instrument :  
 BNA\_M  
 ClientSampleId :

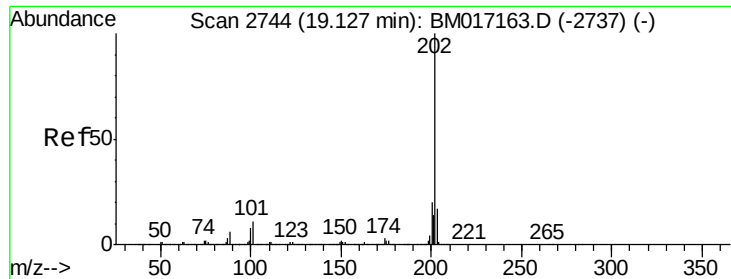
Tot Ion:167 Resp: 3646121  
 Ion Ratio Lower Upper  
 167 100  
 166 21.3 17.1 25.7  
 139 12.8 10.1 15.1



#74  
 Di-n-butylphthalate  
 Concen: 49.34 ng  
 RT: 18.00 min Scan# 2553  
 Delta R.T. -0.02 min  
 Lab File: BM017532.D  
 Acq: 06 Nov 2018 18:18

Tgt Ion:149 Resp: 4427553  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.4 11.0  
 104 5.1 4.3 6.5





#75

Fluoranthene

Concen: 43.73 ng

RT: 19.09 min Scan# 2738

Delta R.T. -0.02 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

Instrument :

BNA\_M

ClientSampleId :

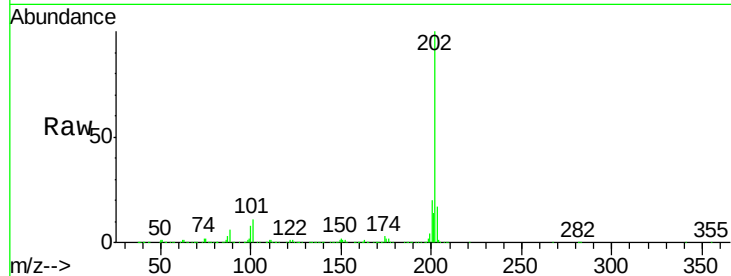
Tot Ion:202 Resp: 4313866

Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.0

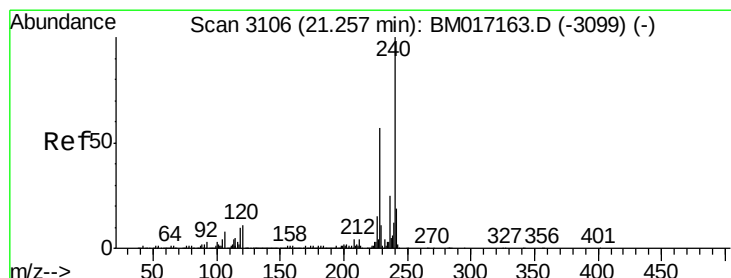
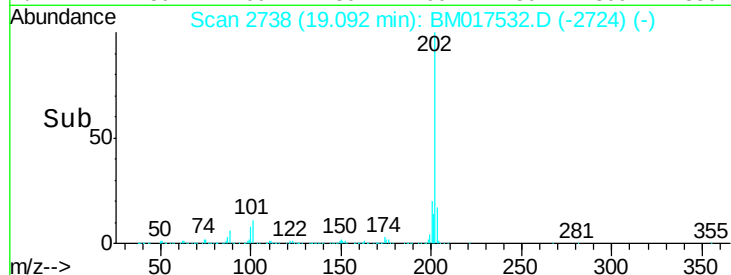
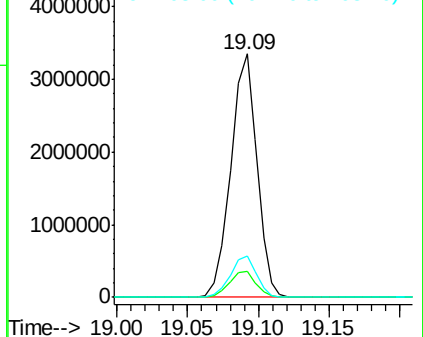
203 17.2 0.0 37.2



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: 20.00 ng

RT: 21.23 min Scan# 3101

Delta R.T. -0.02 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

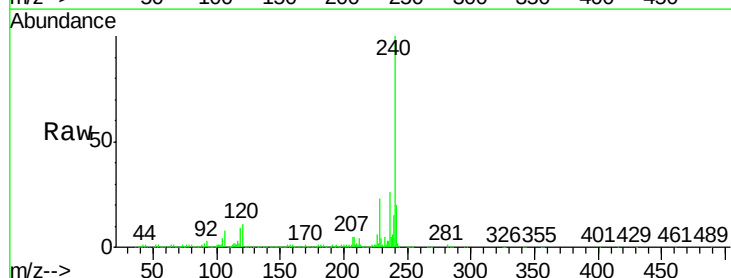
Tgt Ion:240 Resp: 1967558

Ion Ratio Lower Upper

240 100

120 10.5 8.1 12.1

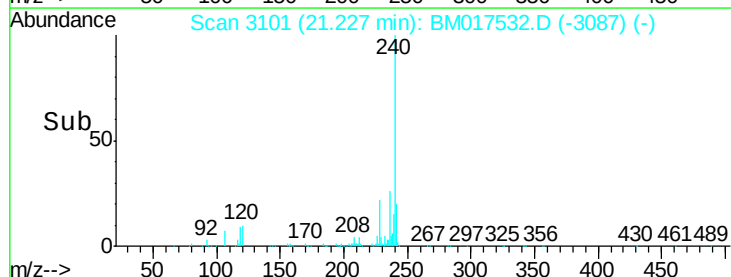
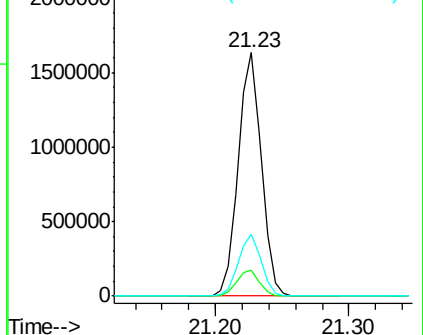
236 25.5 19.9 29.9

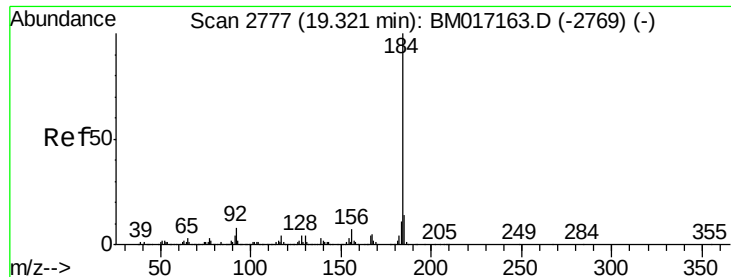


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.34 ng

RT: 19.29 min Scan# 2771

Delta R.T. -0.02 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

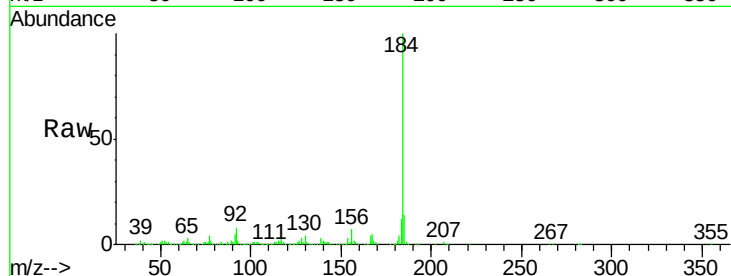
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:184 Resp: 2261919

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 13.9  | 11.8  | 17.8  |
| 183 | 11.7  | 9.7   | 14.5  |

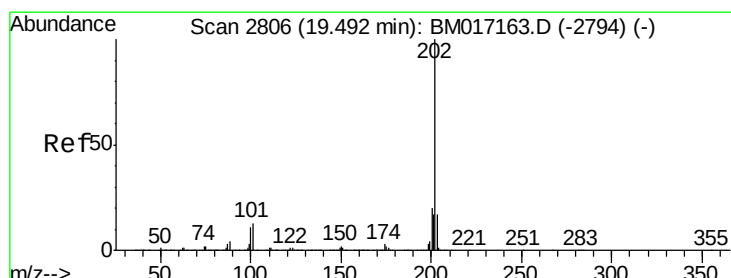
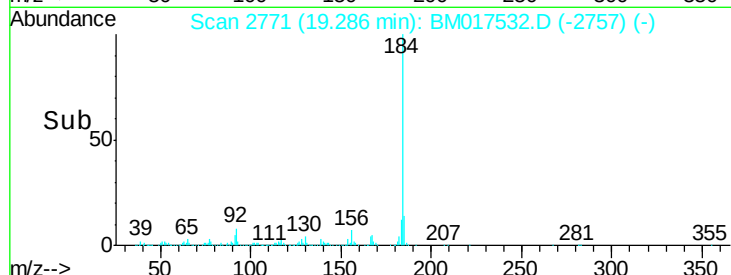
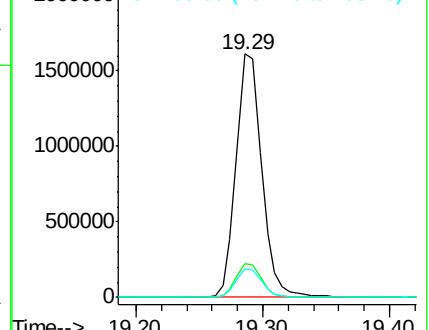


Abundance

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: 41.08 ng

RT: 19.46 min Scan# 2800

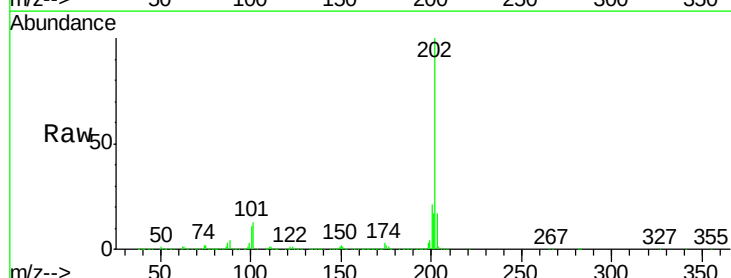
Delta R.T. -0.02 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

Tgt Ion:202 Resp: 4517296

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 20.5  | 16.3  | 24.5  |
| 203 | 17.5  | 13.9  | 20.9  |

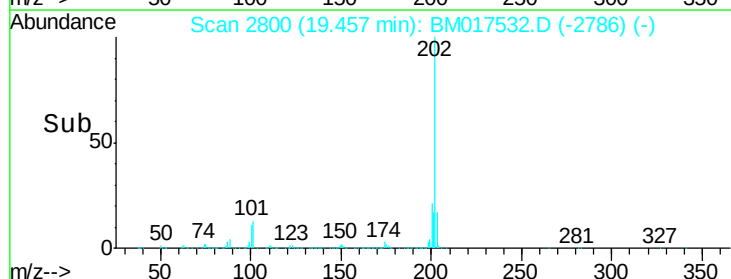
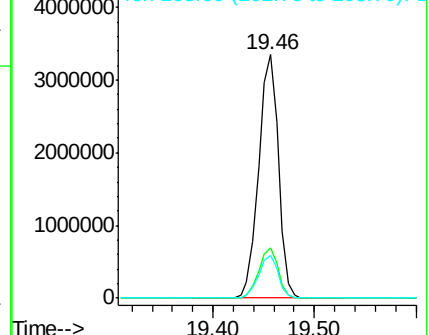


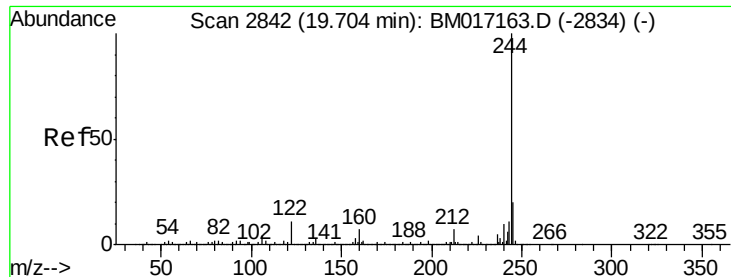
Abundance

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: 85.41 ng

RT: 19.67 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

Instrument :

BNA\_M

ClientSampleId :

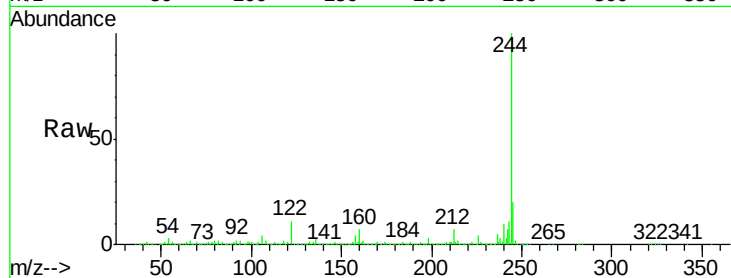
Tot Ion:244 Resp: 7455318

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

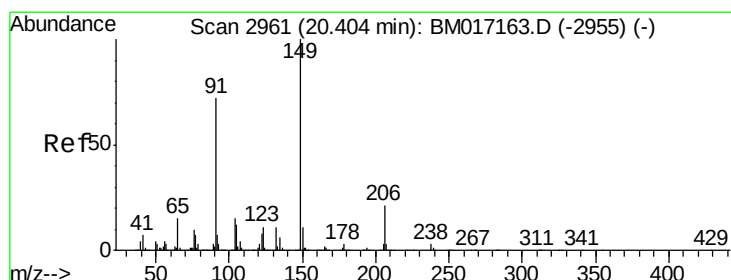
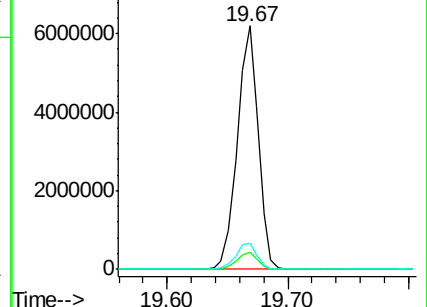
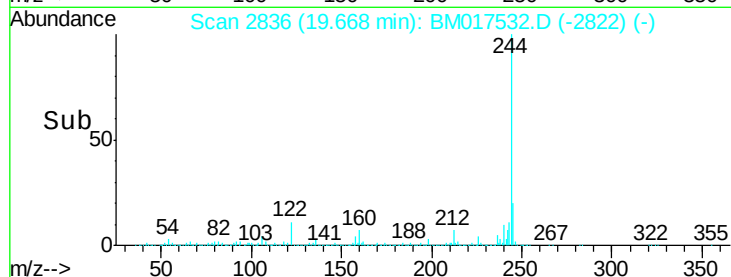
122 10.9 8.4 12.6



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: 50.64 ng

RT: 20.37 min Scan# 2955

Delta R.T. -0.02 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

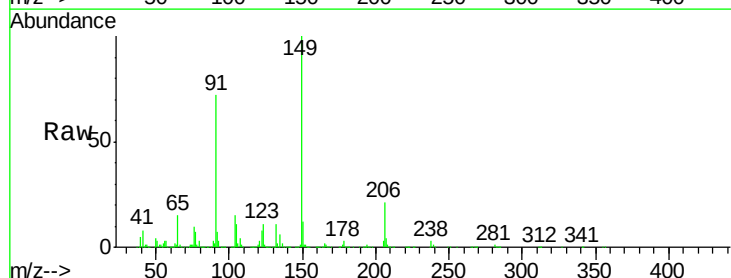
Tgt Ion:149 Resp: 2138485

Ion Ratio Lower Upper

149 100

91 72.2 51.3 76.9

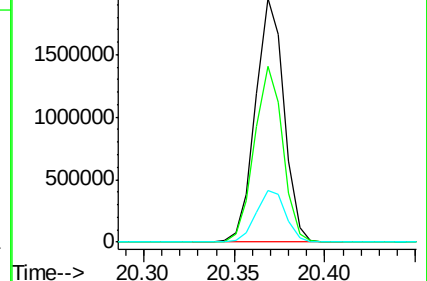
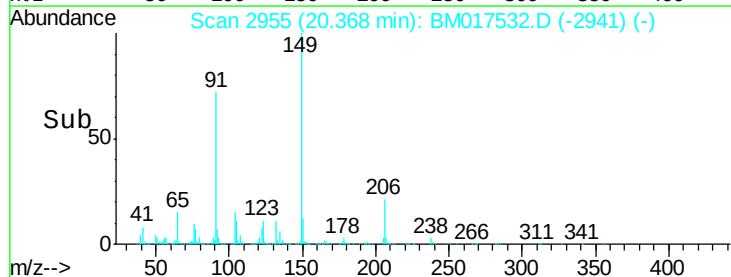
206 21.2 18.0 27.0

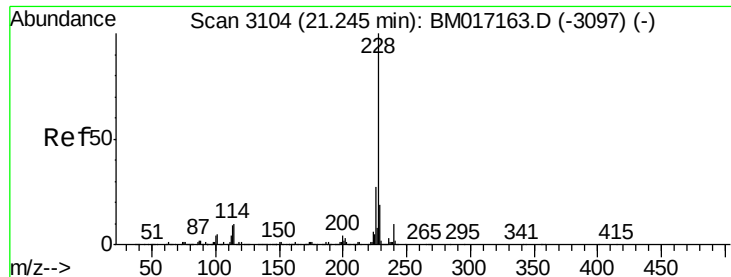


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.34 ng

RT: 21.21 min Scan# 3098

Delta R.T. -0.02 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

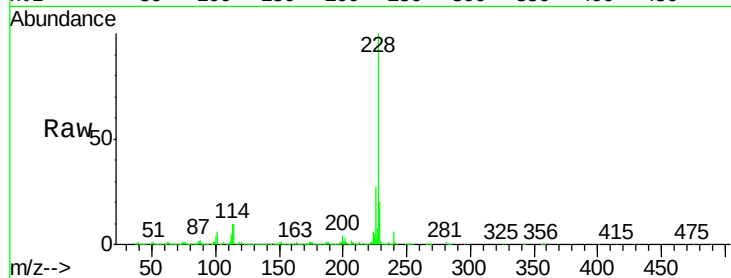
Instrument :

BNA\_M

ClientSampled :

Tot Ion:228 Resp: 4577533

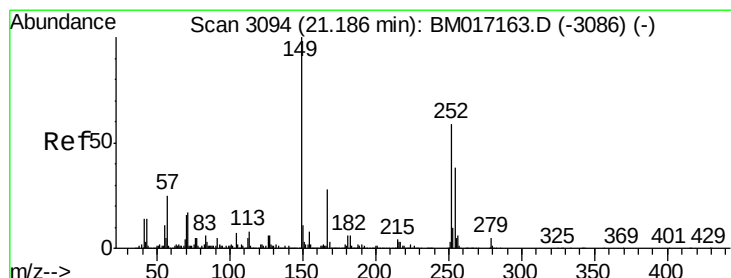
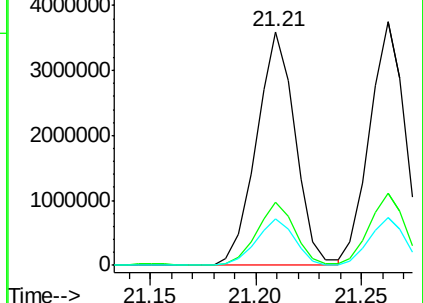
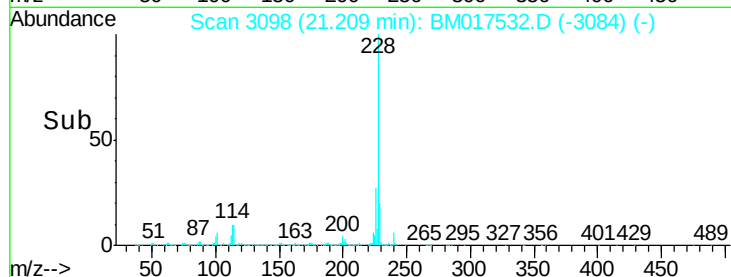
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 26.9  | 21.4  | 32.0  |
| 229 | 19.8  | 15.9  | 23.9  |



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: 46.31 ng

RT: 21.15 min Scan# 3088

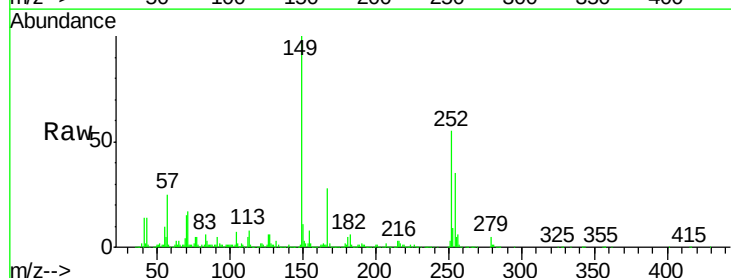
Delta R.T. -0.02 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

Tgt Ion:252 Resp: 1911256

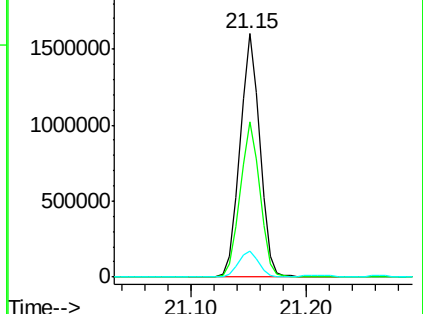
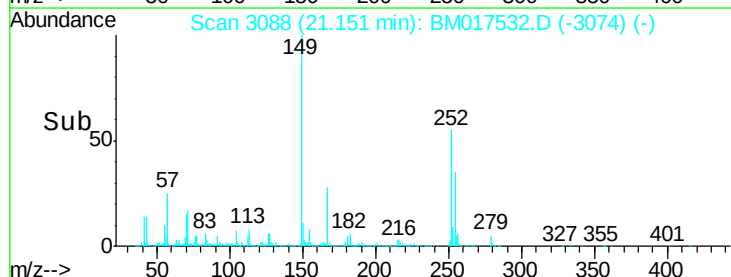
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 64.0  | 52.1  | 78.1  |
| 126 | 10.6  | 8.6   | 12.8  |

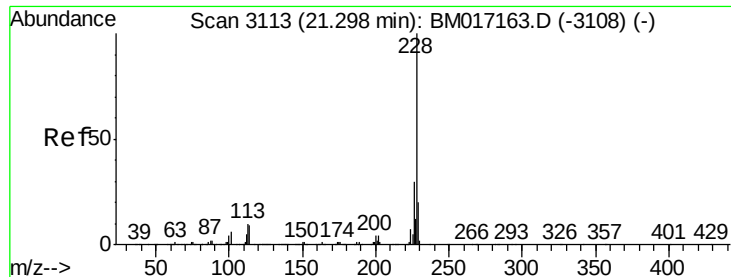


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

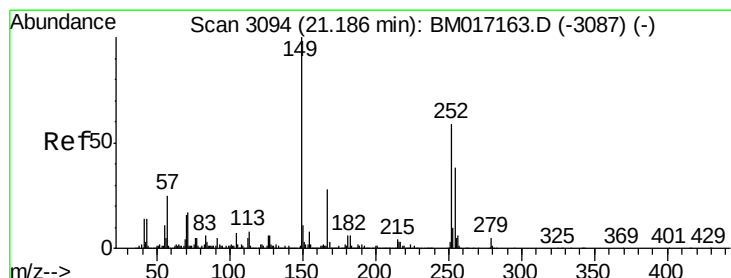
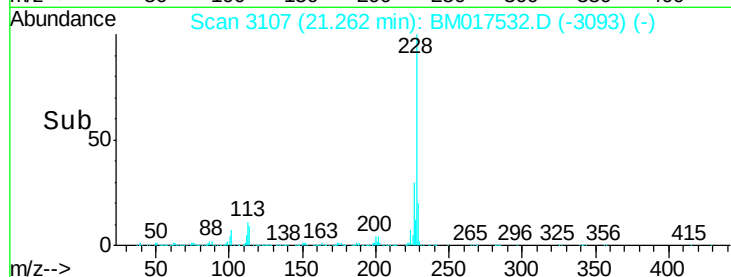
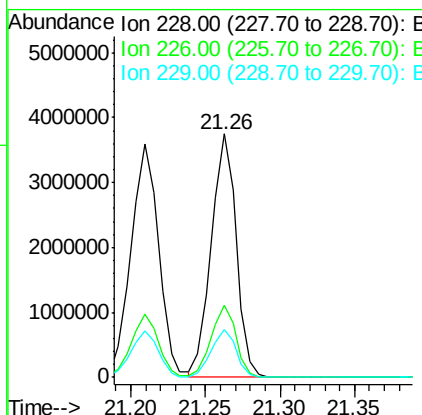
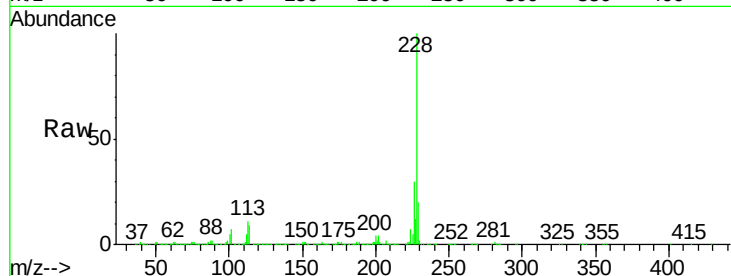




#83  
 Chrysene  
 Concen: 39.80 ng  
 RT: 21.26 min Scan# 3107  
 Delta R.T. -0.02 min  
 Lab File: BM017532.D  
 Acq: 06 Nov 2018 18:18

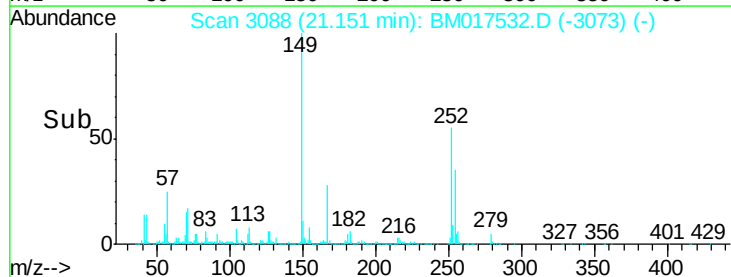
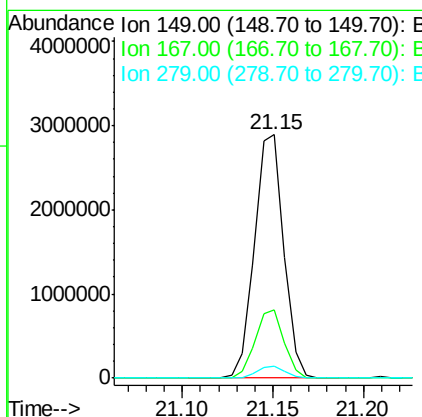
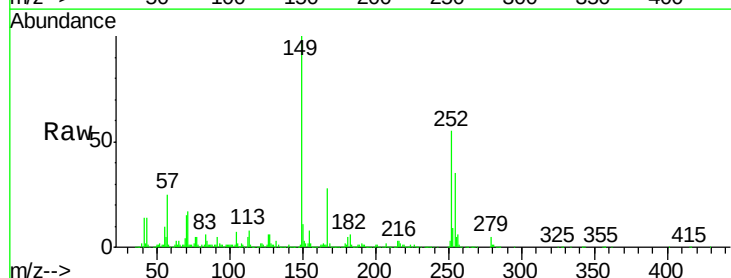
Instrument :  
 BNA\_M  
 ClientSampleId :

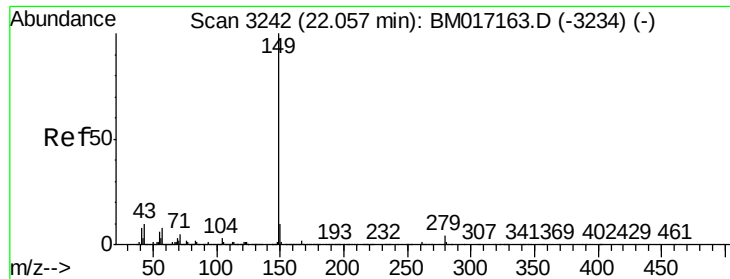
Tot Ion:228 Resp: 4362108  
 Ion Ratio Lower Upper  
 228 100  
 226 29.5 23.3 34.9  
 229 19.7 15.6 23.4



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 50.26 ng  
 RT: 21.15 min Scan# 3088  
 Delta R.T. -0.01 min  
 Lab File: BM017532.D  
 Acq: 06 Nov 2018 18:18

Tgt Ion:149 Resp: 3235679  
 Ion Ratio Lower Upper  
 149 100  
 167 28.2 22.2 33.4  
 279 5.0 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 50.03 ng

RT: 22.02 min Scan# 3236

Delta R.T. -0.02 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

Instrument :

BNA\_M

ClientSampleId :

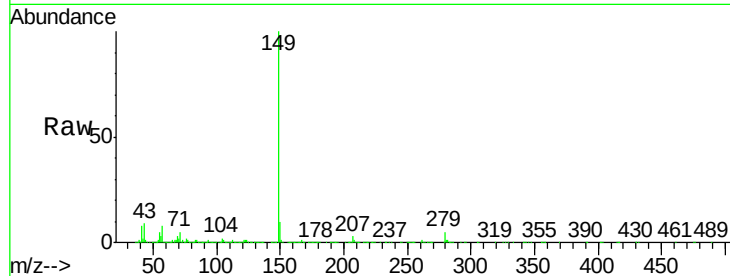
Tot Ion:149 Resp: 5455417

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

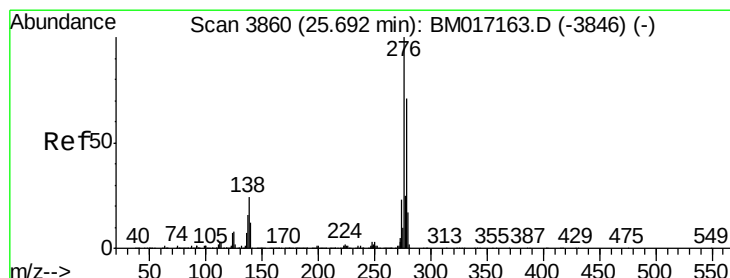
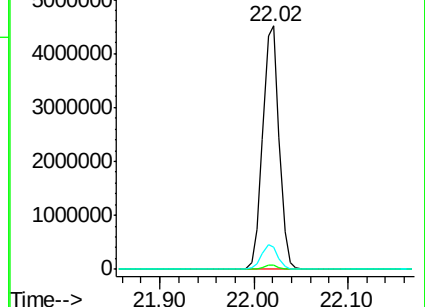
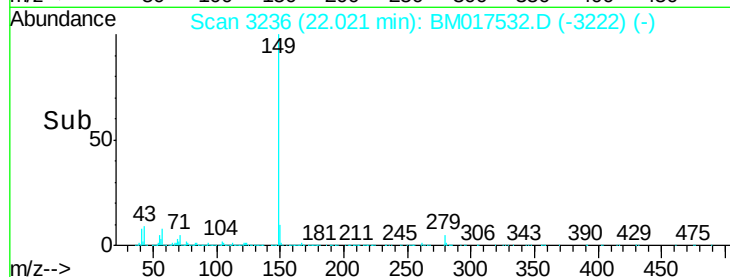
43 10.0 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.06 ng

RT: 25.62 min Scan# 3848

Delta R.T. -0.04 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

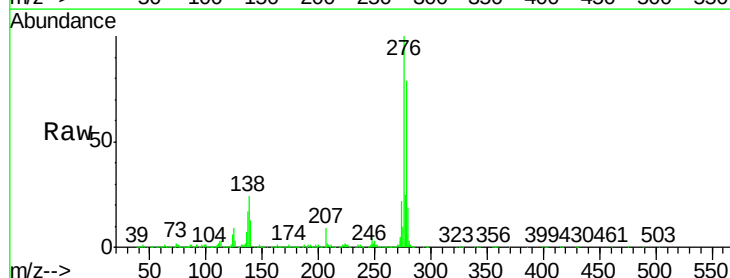
Tgt Ion:276 Resp: 4788066

Ion Ratio Lower Upper

276 100

138 24.2 19.5 29.3

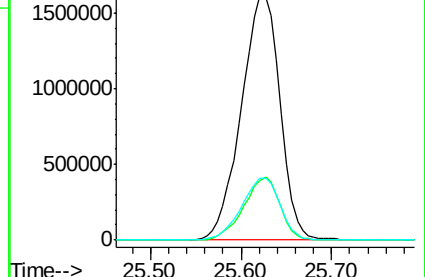
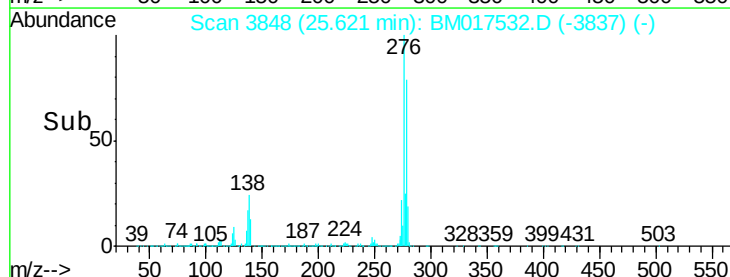
277 25.2 20.1 30.1

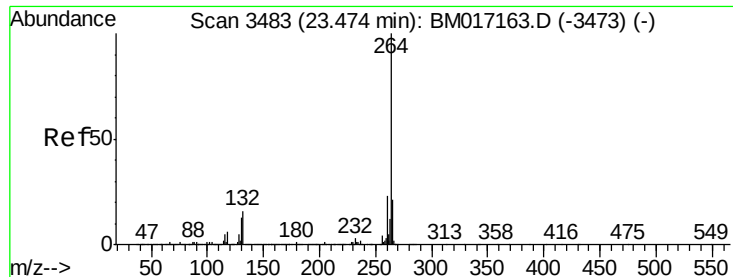


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.00 ng

RT: 23.42 min Scan# 3474

Delta R.T. -0.03 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

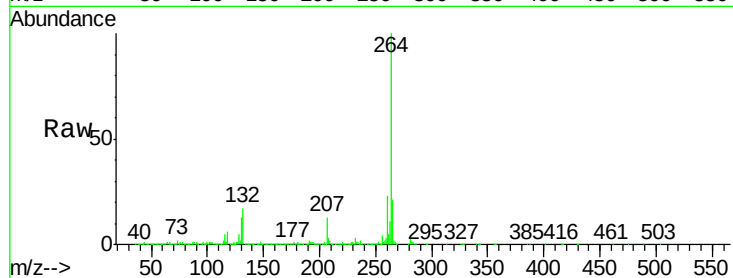
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:264 Resp: 2000384

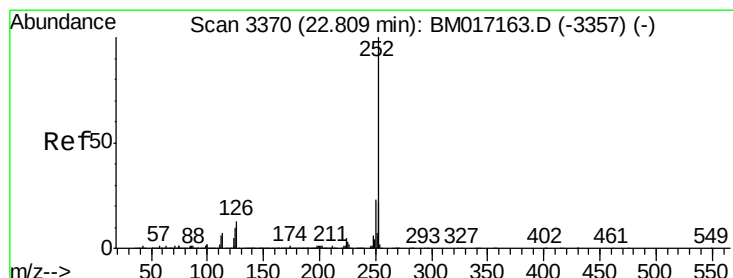
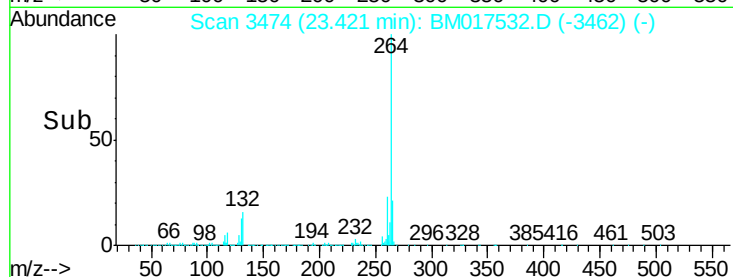
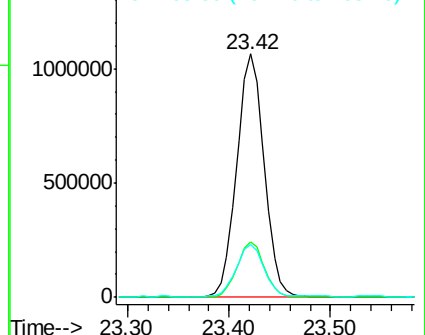
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.7  | 18.6  | 27.8  |
| 265 | 21.5  | 17.8  | 26.8  |



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.63 ng

RT: 22.77 min Scan# 3363

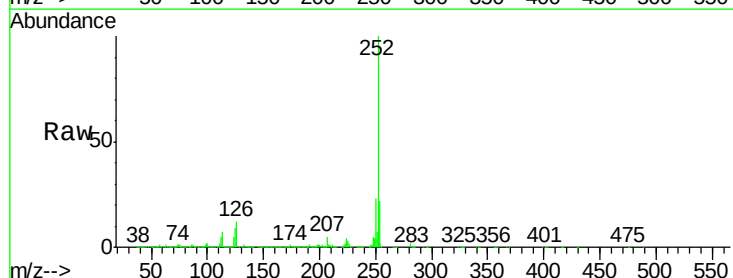
Delta R.T. -0.02 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

Tgt Ion:252 Resp: 4662849

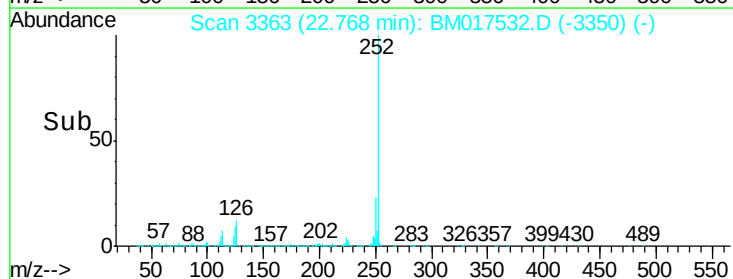
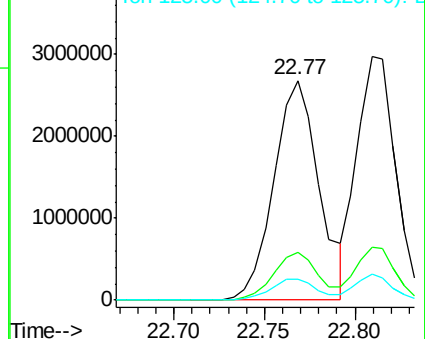
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.7  | 17.4  | 26.2  |
| 125 | 9.5   | 7.5   | 11.3  |



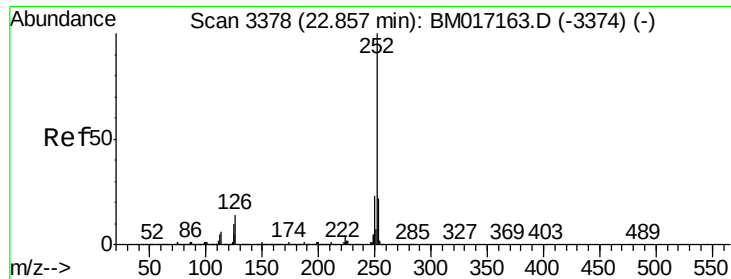
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



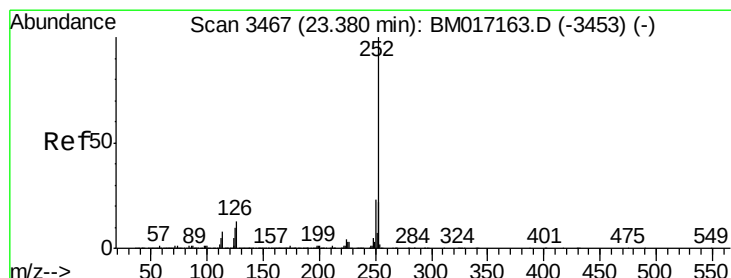
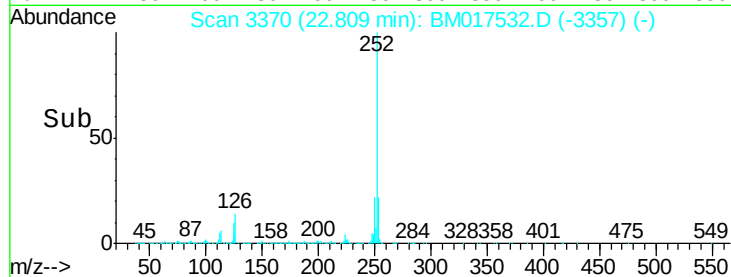
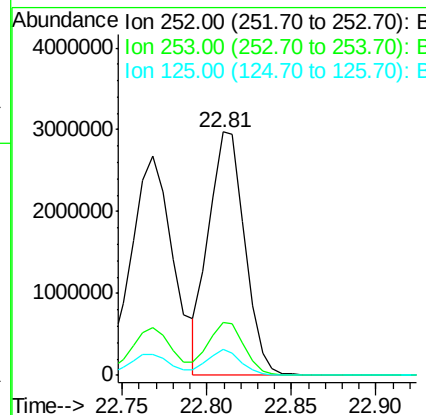
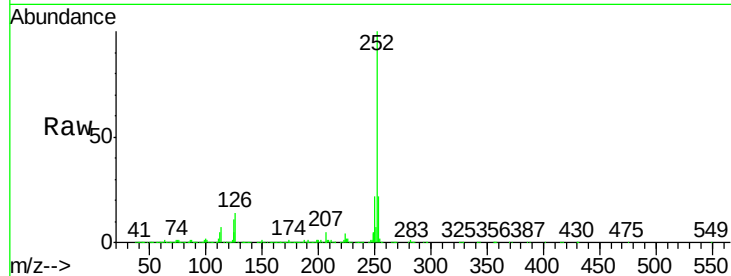




#89  
Benzo(k)fluoranthene  
Concen: 40.10 ng  
RT: 22.81 min Scan# 3370  
Delta R.T. -0.02 min  
Lab File: BM017532.D  
Acq: 06 Nov 2018 18:18

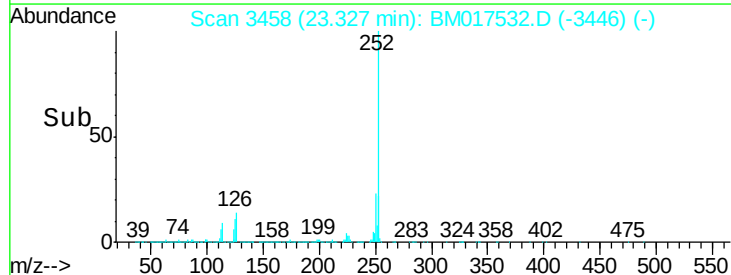
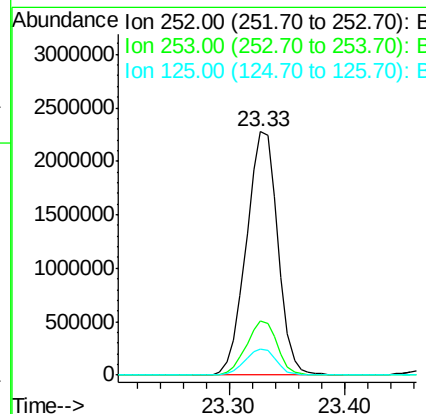
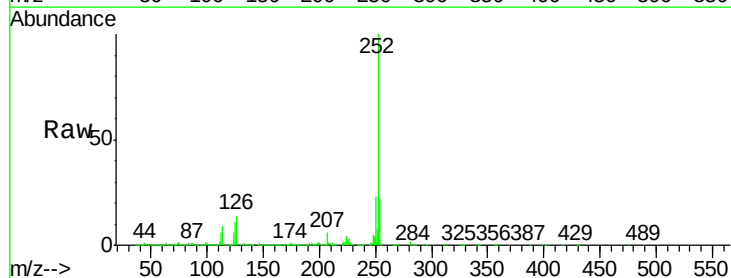
Instrument :  
BNA\_M  
ClientSampleId :

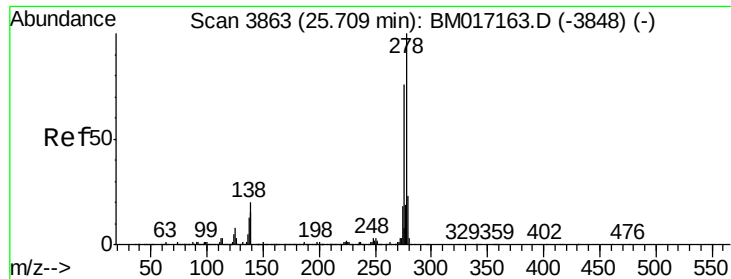
Tot Ion:252 Resp: 4400967  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.5 26.3  
125 10.6 8.2 12.2



#90  
Benzo(a)pyrene  
Concen: 41.45 ng  
RT: 23.33 min Scan# 3458  
Delta R.T. -0.03 min  
Lab File: BM017532.D  
Acq: 06 Nov 2018 18:18

Tgt Ion:252 Resp: 4304356  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.4 26.0  
125 10.7 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 39.86 ng

RT: 25.63 min Scan# 3850

Delta R.T. -0.04 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

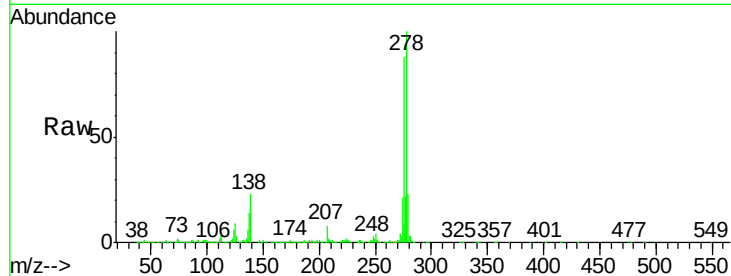
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:278 Resp: 4110178

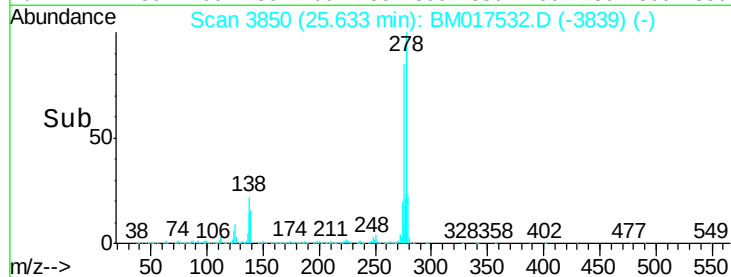
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 15.6  | 12.7  | 19.1  |
| 279 | 23.5  | 18.7  | 28.1  |



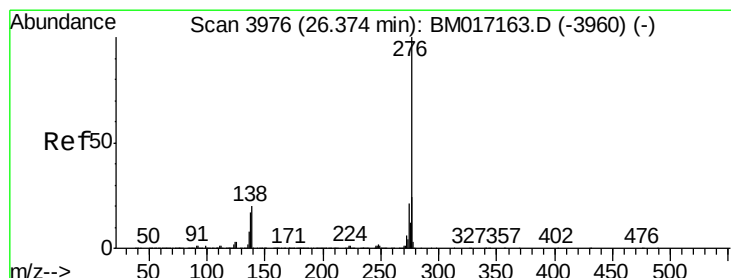
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 38.12 ng

RT: 26.29 min Scan# 3962

Delta R.T. -0.04 min

Lab File: BM017532.D

Acq: 06 Nov 2018 18:18

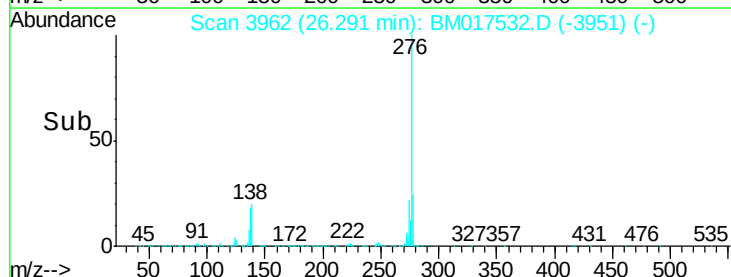
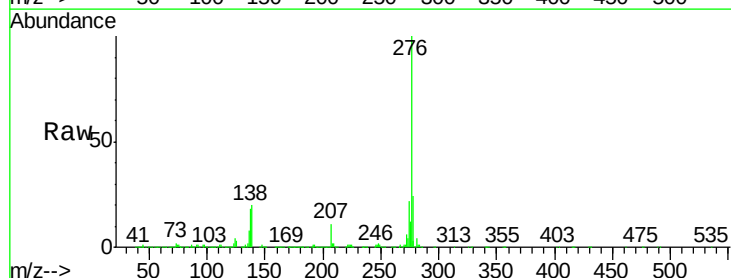
Tgt Ion:276 Resp: 3895952

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.9  | 18.6  | 28.0  |
| 138 | 20.5  | 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



Time-->