

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\  
 Data File : BM009997.D  
 Acq On : 11 May 2017 22:42  
 Operator : SJ/MA  
 Sample : I3058-10MSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: May 12 06:57:03 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 11 19:50:16 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.76  | 152  | 61819    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.56 | 136  | 271742   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 14.42 | 164  | 180152   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10      | 17.17 | 188  | 450906   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 21.36 | 240  | 539192   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 23.66 | 264  | 389289   | 20.00 | ng    | -0.04    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.35  | 112 | 263191  | 66.63  | ng | -0.02 |
| 7) Phenol-d6                | 6.95  | 99  | 253473  | 40.04  | ng | -0.02 |
| 23) Nitrobenzene-d5         | 8.94  | 82  | 751385  | 101.05 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol    | 15.92 | 330 | 421169  | 170.82 | ng | -0.02 |
| 44) 2-Fluorobiphenyl        | 13.03 | 172 | 1459021 | 108.31 | ng | -0.02 |
| 78) Terphenyl-d14           | 19.80 | 244 | 2639875 | 103.19 | ng | -0.02 |

|                                |       |     |        |       |    |        |
|--------------------------------|-------|-----|--------|-------|----|--------|
| Target Compounds               |       |     |        |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 3.28  | 88  | 22494  | 15.37 | ng | # 100  |
| 3) Pyridine                    | 3.69  | 79  | 76625  | 14.21 | ng | 96     |
| 4) n-Nitrosodimethylamine      | 3.60  | 42  | 47776  | 16.17 | ng | # 69   |
| 6) Aniline                     | 7.10  | 93  | 218725 | 26.61 | ng | 96     |
| 8) 2-Chlorophenol              | 7.33  | 128 | 157646 | 36.76 | ng | 80     |
| 9) Benzaldehyde                | 6.93  | 77  | 31448  | 6.64  | ng | 81     |
| 10) Phenol                     | 6.97  | 94  | 94110  | 13.68 | ng | 90     |
| 11) bis(2-Chloroethyl)ether    | 7.20  | 93  | 223529 | 41.80 | ng | 83     |
| 12) 1,3-Dichlorobenzene        | 7.65  | 146 | 166252 | 34.73 | ng | # 85   |
| 13) 1,4-Dichlorobenzene        | 7.80  | 146 | 169468 | 34.54 | ng | # 91   |
| 14) 1,2-Dichlorobenzene        | 8.11  | 146 | 171542 | 36.07 | ng | # 91   |
| 15) Benzyl Alcohol             | 8.02  | 79  | 161486 | 29.93 | ng | # 89   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.29  | 45  | 351245 | 41.38 | ng | 99     |
| 17) 2-Methylphenol             | 8.22  | 107 | 130746 | 29.12 | ng | # 82   |
| 18) Hexachloroethane           | 8.82  | 117 | 71267  | 35.04 | ng | 88     |
| 19) n-Nitroso-di-n-propylamine | 8.57  | 70  | 246667 | 42.95 | ng | # 90   |
| 20) 3+4-Methylphenols          | 8.55  | 107 | 160344 | 26.23 | ng | 89     |
| 22) Acetophenone               | 8.60  | 105 | 375701 | 45.22 | ng | # 90   |
| 24) Nitrobenzene               | 8.98  | 77  | 357215 | 45.14 | ng | # 89   |
| 25) Isophorone                 | 9.50  | 82  | 631661 | 49.36 | ng | # 87   |
| 26) 2-Nitrophenol              | 9.69  | 139 | 111714 | 46.89 | ng | # 46   |
| 27) 2,4-Dimethylphenol         | 9.74  | 122 | 192469 | 43.15 | ng | # 85   |
| 28) bis(2-Chloroethoxy)methane | 9.97  | 93  | 353499 | 45.85 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.22 | 162 | 197280 | 45.46 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 10.42 | 180 | 206469 | 40.75 | ng | 97     |
| 31) Naphthalene                | 10.60 | 128 | 609181 | 40.72 | ng | 98     |
| 32) Benzoic acid               | 9.88  | 122 | 28391  | 9.52  | ng | # 82   |
| 33) 4-Chloroaniline            | 10.74 | 127 | 224926 | 35.37 | ng | # 79   |
| 34) Hexachlorobutadiene        | 10.86 | 225 | 126248 | 36.62 | ng | 97     |
| 35) Caprolactam                | 11.57 | 113 | 10619  | 6.26  | ng | 96     |
| 36) 4-Chloro-3-methylphenol    | 11.86 | 107 | 232892 | 40.16 | ng | # 79   |
| 37) 2-Methylnaphthalene        | 12.22 | 142 | 498435 | 46.54 | ng | # 92   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.59 | 216 | 288073 | 43.93 | ng | # 100  |
| 40) Hexachlorocyclopentadiene  | 12.56 | 237 | 159824 | 89.04 | ng | 99     |

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 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

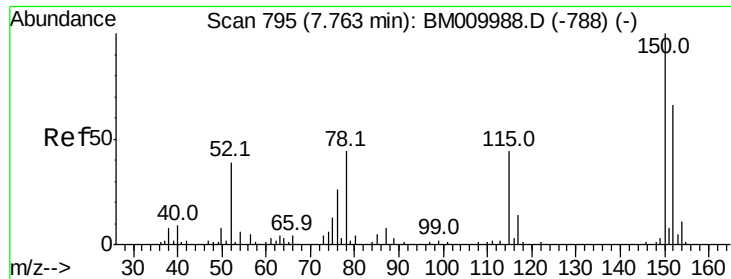
Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: May 12 06:57:03 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 11 19:50:16 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 12.85 | 196  | 195521   | 48.44 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 12.93 | 196  | 203006   | 46.29 | nq    | # 87     |
| 45) 1,1'-Biphenyl              | 13.25 | 154  | 706798   | 47.14 | nq    | 95       |
| 46) 2-Chloronaphthalene        | 13.29 | 162  | 541813   | 45.99 | nq    | 97       |
| 47) 2-Nitroaniline             | 13.52 | 65   | 260867   | 48.91 | nq    | # 64     |
| 48) Acenaphthylene             | 14.14 | 152  | 892031   | 48.08 | nq    | 99       |
| 49) Dimethylphthalate          | 13.88 | 163  | 795948   | 50.12 | nq    | # 99     |
| 50) 2,6-Dinitrotoluene         | 14.02 | 165  | 158876   | 49.37 | nq    | # 57     |
| 51) Acenaphthene               | 14.48 | 154  | 557115   | 47.65 | nq    | 99       |
| 52) 3-Nitroaniline             | 14.35 | 138  | 133268   | 38.99 | nq    | # 46     |
| 53) 2,4-Dinitrophenol          | 14.57 | 184  | 174722   | 89.98 | nq    | 90       |
| 54) Dibenzofuran               | 14.82 | 168  | 931640   | 52.02 | nq    | 95       |
| 55) 4-Nitrophenol              | 14.68 | 139  | 65962    | 28.82 | nq    | # 19     |
| 56) 2,4-Dinitrotoluene         | 14.82 | 165  | 241765   | 50.78 | nq    | # 73     |
| 57) Fluorene                   | 15.47 | 166  | 778527   | 49.30 | nq    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.05 | 232  | 196049   | 51.75 | nq    | # 100    |
| 59) Diethylphthalate           | 15.24 | 149  | 777566   | 46.64 | nq    | 100      |
| 60) 4-Chlorophenyl-phenylether | 15.46 | 204  | 419523   | 48.65 | nq    | 96       |
| 61) 4-Nitroaniline             | 15.53 | 138  | 160867   | 46.20 | nq    | # 18     |
| 62) Azobenzene                 | 15.76 | 77   | 1113799  | 55.06 | nq    | 84       |
| 64) 4,6-Dinitro-2-methylphenol | 15.58 | 198  | 134136   | 45.69 | nq    | 85       |
| 65) n-Nitrosodiphenylamine     | 15.69 | 169  | 683293   | 48.83 | nq    | 97       |
| 66) 4-Bromophenyl-phenylether  | 16.36 | 248  | 260653   | 48.67 | nq    | # 91     |
| 67) Hexachlorobenzene          | 16.47 | 284  | 277261   | 46.65 | nq    | # 93     |
| 68) Atrazine                   | 16.64 | 200  | 256864   | 50.23 | nq    | 96       |
| 69) Pentachlorophenol          | 16.83 | 266  | 253362   | 86.63 | nq    | 98       |
| 70) Phenanthrene               | 17.22 | 178  | 1263617  | 48.82 | nq    | 100      |
| 71) Anthracene                 | 17.31 | 178  | 1325760  | 50.22 | nq    | 99       |
| 72) Carbazole                  | 17.59 | 167  | 1176013  | 49.90 | nq    | 98       |
| 73) Di-n-butylphthalate        | 18.13 | 149  | 1441101  | 48.09 | nq    | # 97     |
| 74) Fluoranthene               | 19.24 | 202  | 1580225  | 47.59 | nq    | 98       |
| 76) Benzidine                  | 19.43 | 184  | 774121   | 57.43 | nq    | 99       |
| 77) Pyrene                     | 19.60 | 202  | 1607231  | 50.09 | nq    | 98       |
| 79) Butylbenzylphthalate       | 20.49 | 149  | 692022   | 51.79 | nq    | # 64     |
| 80) Benzo(a)anthracene         | 21.35 | 228  | 1611065  | 49.73 | nq    | 96       |
| 81) 3,3'-Dichlorobenzidine     | 21.29 | 252  | 517153   | 43.33 | nq    | # 98     |
| 82) Chrysene                   | 21.40 | 228  | 1435340  | 47.24 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.25 | 149  | 1037410  | 52.00 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 22.14 | 149  | 1648748  | 48.17 | nq    | # 87     |
| 85) Indeno(1,2,3-cd)pyrene     | 25.99 | 276  | 1196972  | 46.74 | nq    | # 100    |
| 87) Benzo(b)fluoranthene       | 22.96 | 252  | 1344185  | 50.99 | nq    | # 96     |
| 88) Benzo(k)fluoranthene       | 23.01 | 252  | 1299132  | 51.86 | nq    | 97       |
| 89) Benzo(a)pyrene             | 23.56 | 252  | 1196367  | 51.47 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 26.00 | 278  | 1028040  | 50.12 | nq    | # 96     |
| 91) Benzo(g,h,i)perylene       | 26.71 | 276  | 942557   | 49.87 | nq    | # 93     |

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



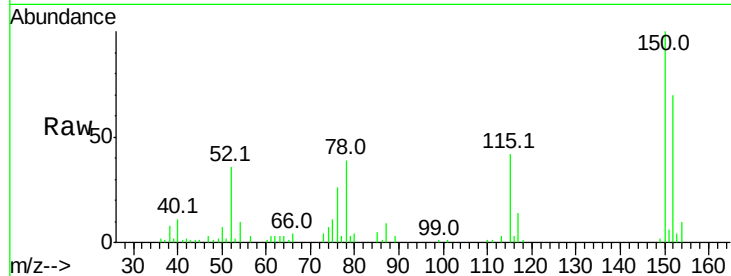


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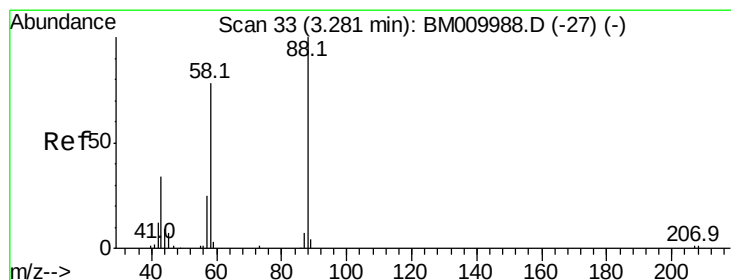
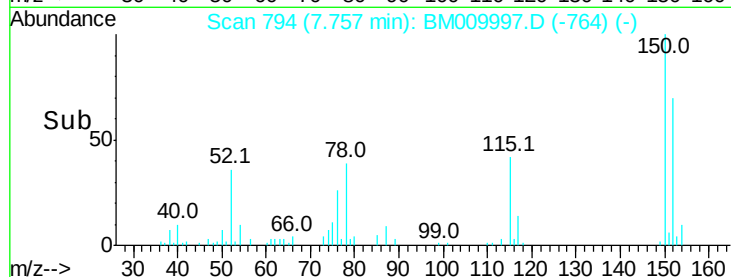
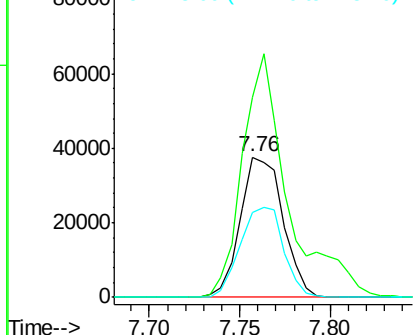
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.76 min Scan# 794  
Delta R.T. -0.02 min  
Lab File: BM009997.D  
Acq: 11 May 2017 22:42

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:152 Resp: 61819  
Ion Ratio Lower Upper  
152 100  
150 142.4 119.5 179.3  
115 60.3 43.0 64.4



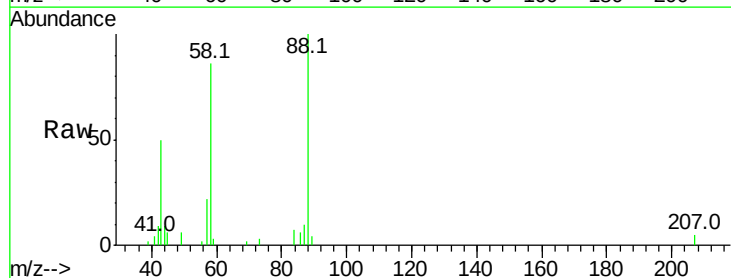
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



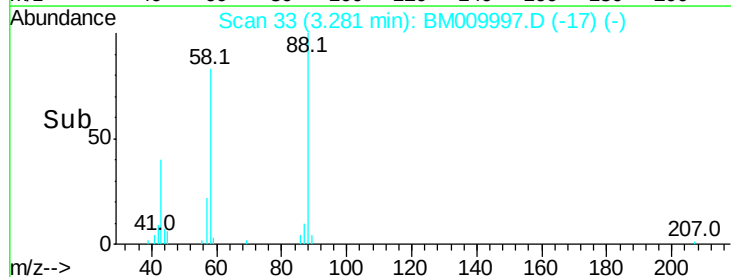
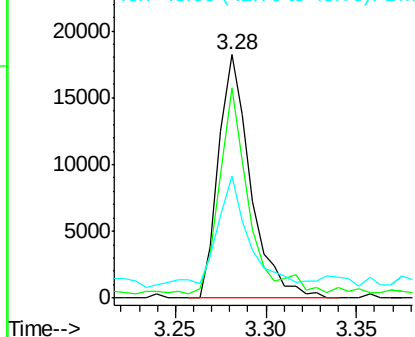
#2

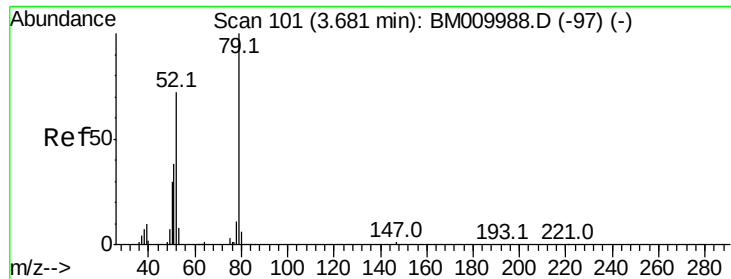
1,4-Dioxane  
Concen: 15.37 ng  
RT: 3.28 min Scan# 33  
Delta R.T. -0.01 min  
Lab File: BM009997.D  
Acq: 11 May 2017 22:42

Tgt Ion: 88 Resp: 22494  
Ion Ratio Lower Upper  
88 100  
58 77.6 0.0 0.0#  
43 46.3 0.0 0.0#



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





#3

Pvridine

Concen: 14.21 ng

RT: 3.69 min Scan# 102

Delta R.T. -0.01 min

Lab File: BM009997.D

Acq: 11 May 2017 22:42

Instrument :

BNA\_M

ClientSampled :

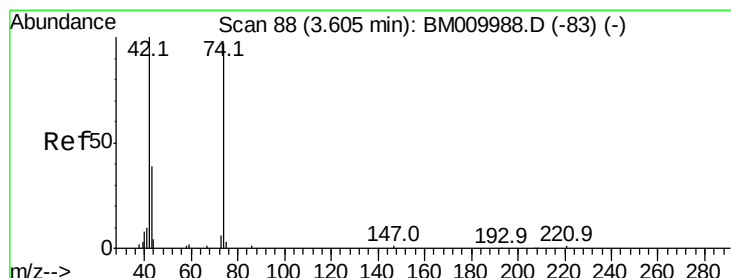
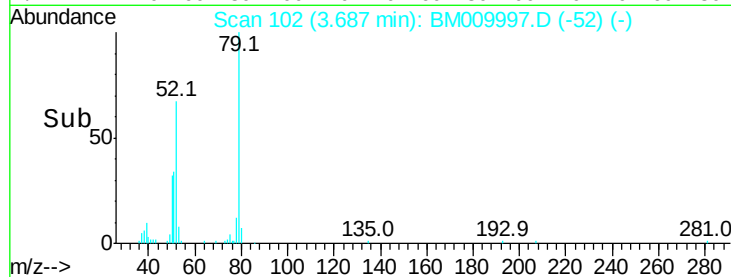
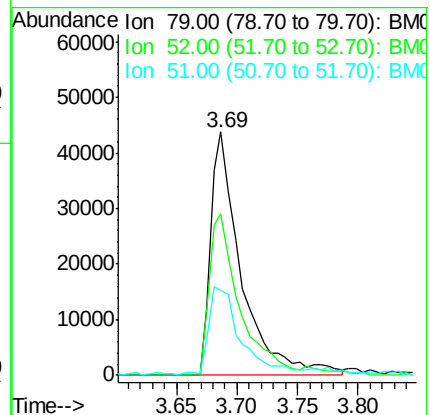
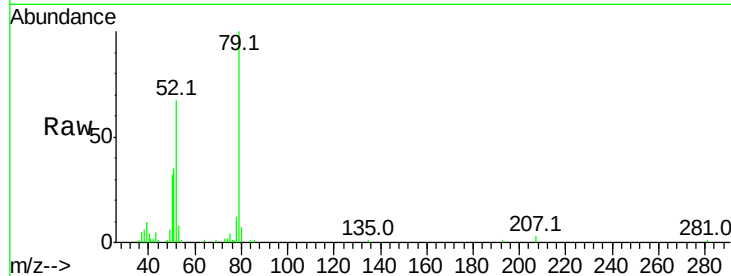
Tot Ion: 79 Resp: 76625

Ion Ratio Lower Upper

79 100

52 66.6 51.1 76.7

51 34.8 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 16.17 ng

RT: 3.60 min Scan# 88

Delta R.T. -0.01 min

Lab File: BM009997.D

Acq: 11 May 2017 22:42

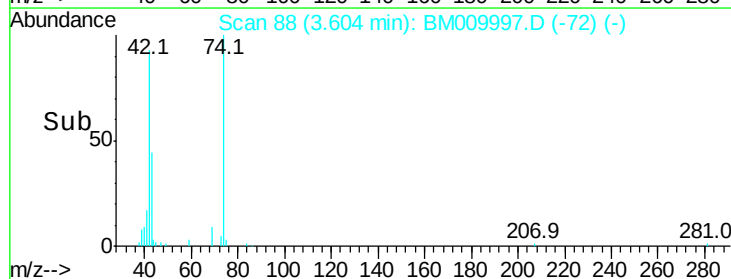
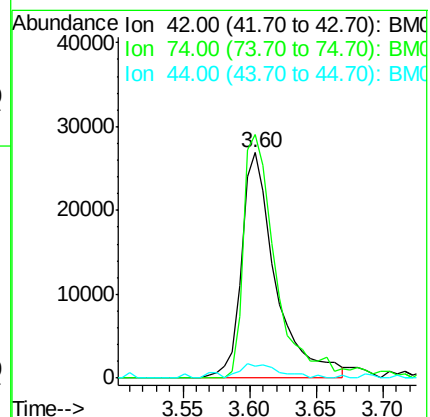
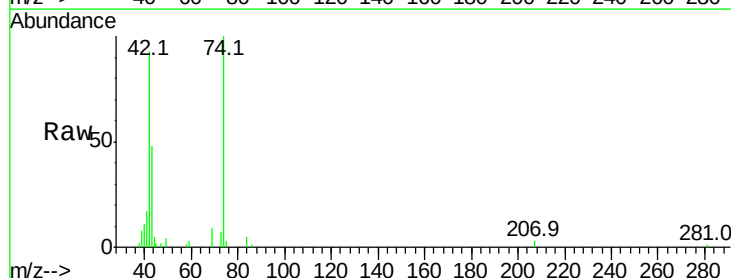
Tgt Ion: 42 Resp: 47776

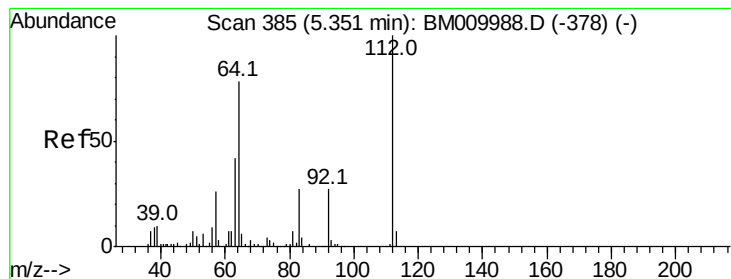
Ion Ratio Lower Upper

42 100

74 108.1 119.3 178.9#

44 5.3 5.4 8.2#





#5

2-Fluorophenol

Concen: 66.63 ng

RT: 5.35 min Scan# 385

Delta R.T. -0.02 min

Lab File: BM009997.D

Acq: 11 May 2017 22:42

Instrument :

BNA\_M

ClientSampled :

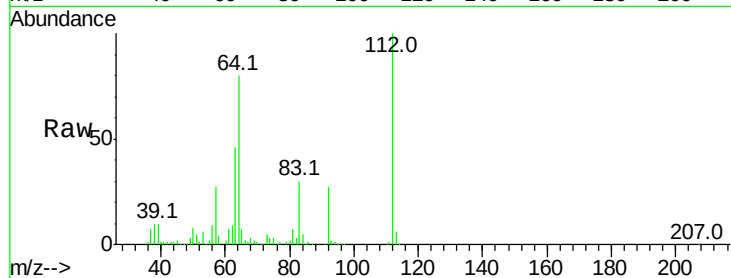
Tot Ion:112 Resp: 263191

Ion Ratio Lower Upper

112 100

64 79.6 38.6 57.8#

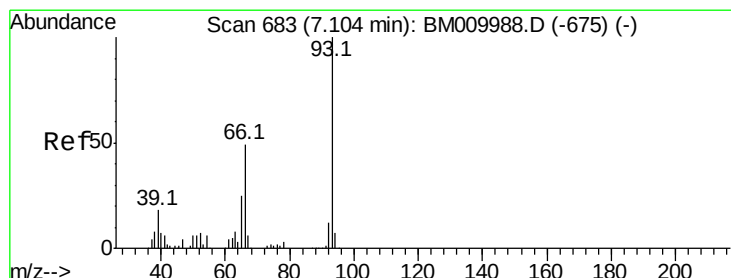
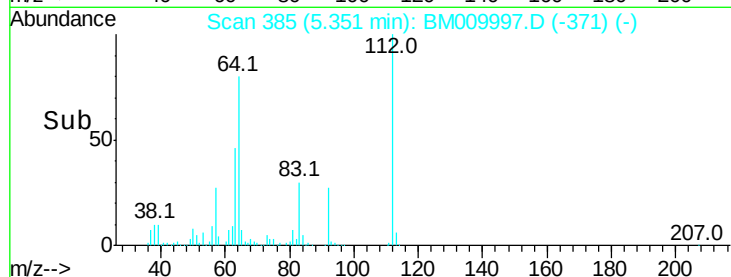
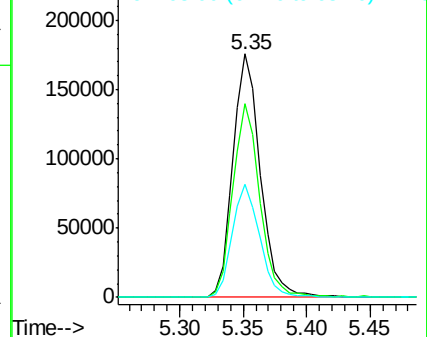
63 46.2 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 26.61 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BM009997.D

Acq: 11 May 2017 22:42

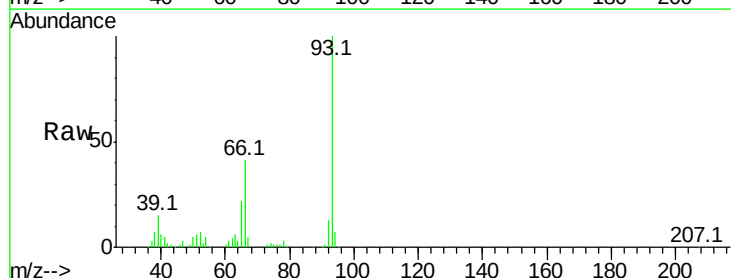
Tgt Ion: 93 Resp: 218725

Ion Ratio Lower Upper

93 100

66 40.5 30.8 46.2

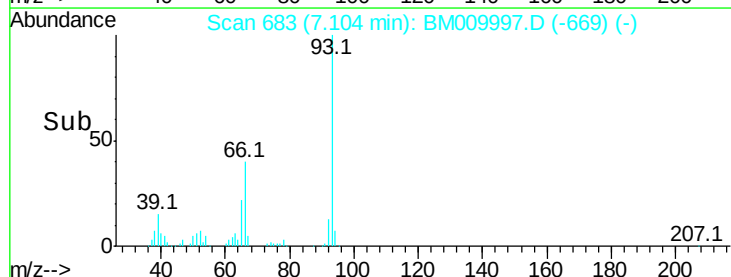
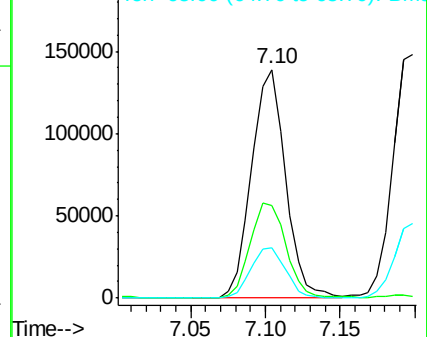
65 22.2 16.0 24.0

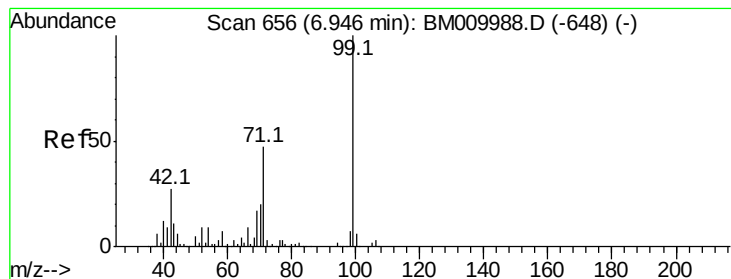


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 40.04 ng

RT: 6.95 min Scan# 656

Delta R.T. -0.02 min

Lab File: BM009997.D

Acq: 11 May 2017 22:42

Instrument :

BNA\_M

ClientSampled :

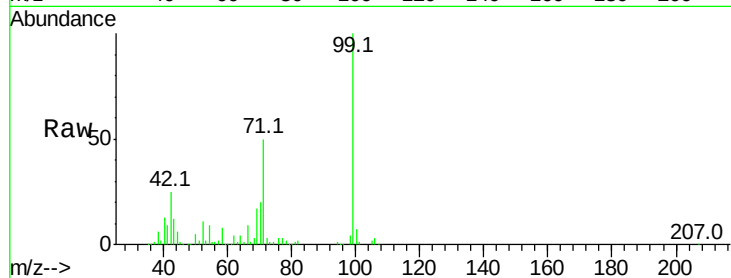
Tot Ion: 99 Resp: 253473

Ion Ratio Lower Upper

99 100

42 25.3 11.0 16.4#

71 49.7 23.4 35.2#

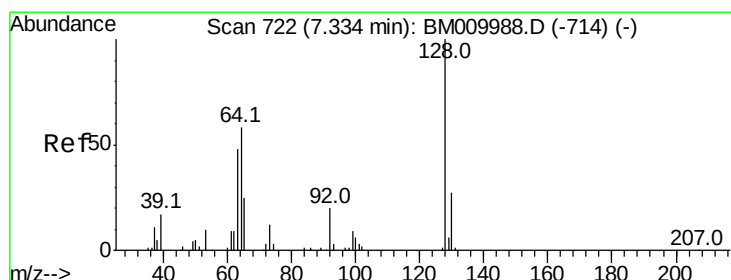
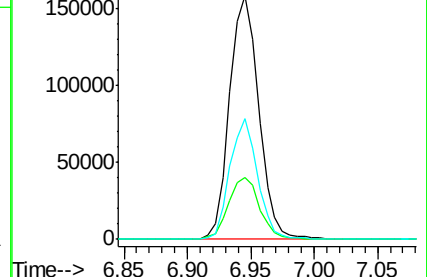
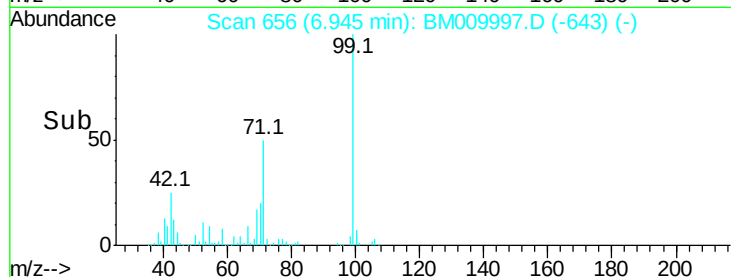


Abundance Ion 99.00 (98.70 to 99.70): BM009988.D (-648) (-)

Ion 42.00 (41.70 to 42.70): BM009988.D (-648) (-)

Ion 71.00 (70.70 to 71.70): BM009988.D (-648) (-)

6.95



#8

2-Chlorophenol

Concen: 36.76 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BM009997.D

Acq: 11 May 2017 22:42

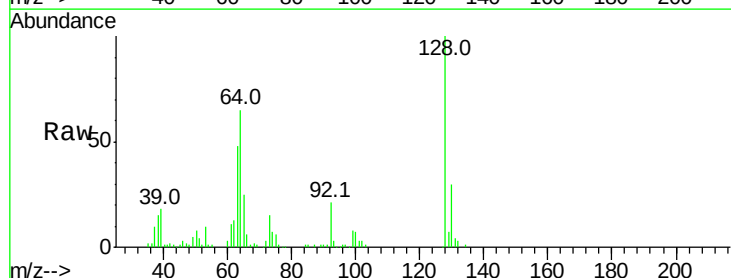
Tgt Ion: 128 Resp: 157646

Ion Ratio Lower Upper

128 100

130 29.8 12.0 52.0

64 64.9 24.9 64.9

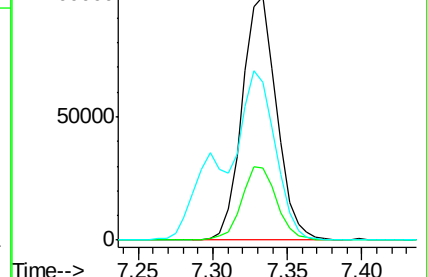
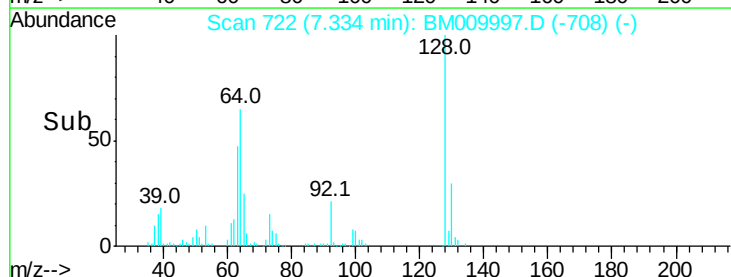


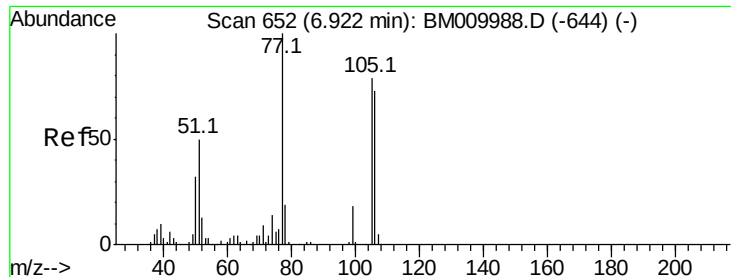
Abundance Ion 128.00 (127.70 to 128.70): BM009988.D (-714) (-)

Ion 130.00 (129.70 to 130.70): BM009988.D (-714) (-)

Ion 64.00 (63.70 to 64.70): BM009988.D (-714) (-)

7.33

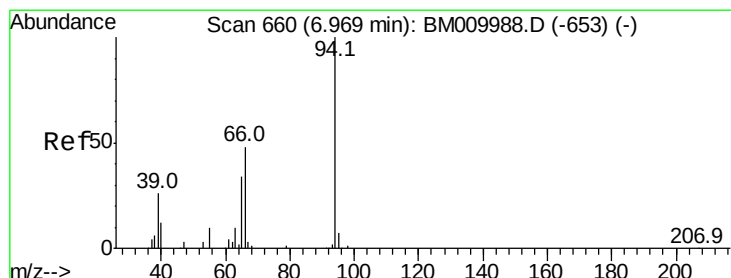
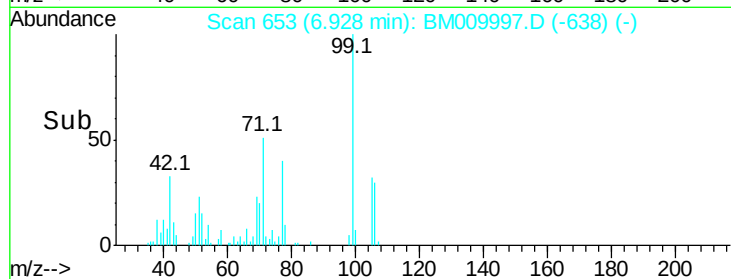
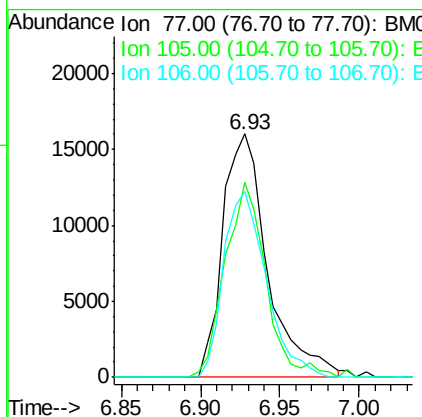
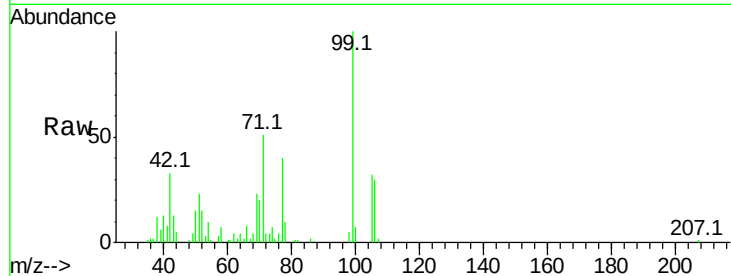




#9  
Benzaldehyde  
Concen: 6.64 ng  
RT: 6.93 min Scan# 653  
Delta R.T. -0.01 min  
Lab File: BM009997.D  
Acq: 11 May 2017 22:42

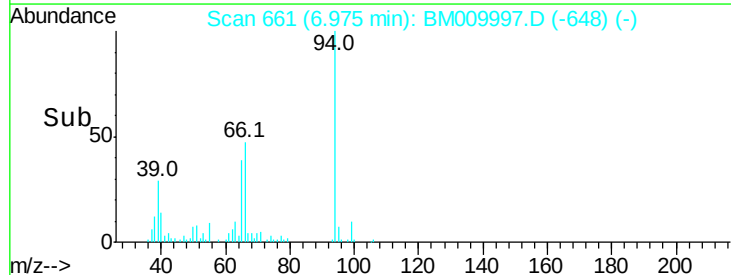
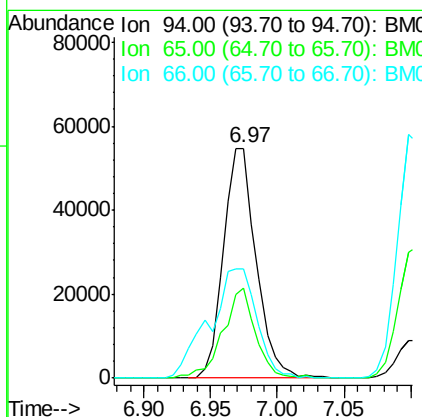
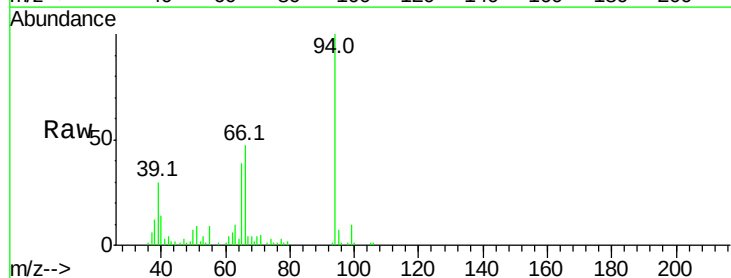
Instrument :  
BNA\_M  
ClientSampled :

Tot Ion: 77 Resp: 31448  
Ion Ratio Lower Upper  
77 100  
105 79.9 78.8 118.8  
106 76.4 73.7 113.7

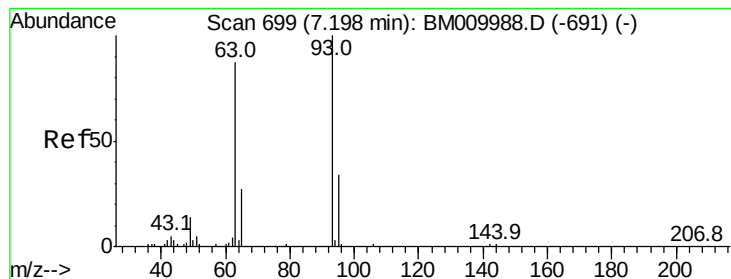


#10  
Phenol  
Concen: 13.68 ng  
RT: 6.97 min Scan# 661  
Delta R.T. -0.02 min  
Lab File: BM009997.D  
Acq: 11 May 2017 22:42

Tgt Ion: 94 Resp: 94110  
Ion Ratio Lower Upper  
94 100  
65 39.3 18.8 58.8  
66 47.4 39.9 79.9







#11

bis(2-Chloroethyl)ether

Concen: 41.80 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.02 min

Lab File: BM009997.D

Acq: 11 May 2017 22:42

Instrument :

BNA\_M

ClientSampleId :

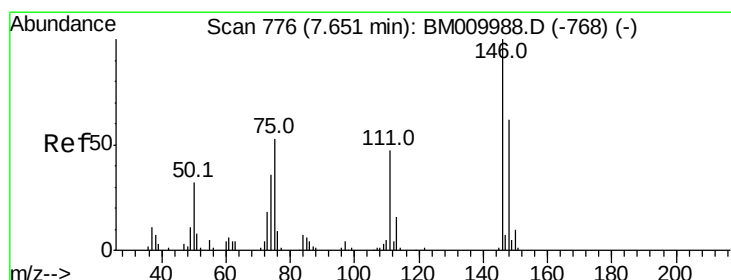
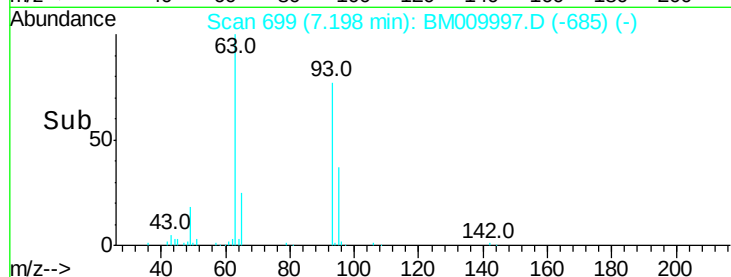
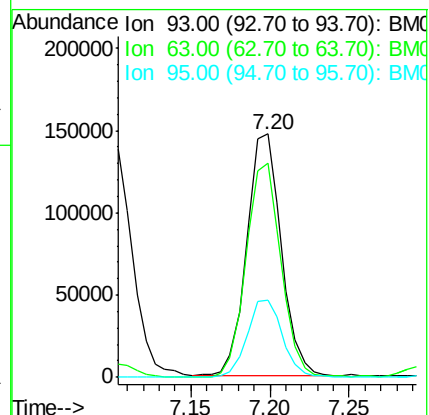
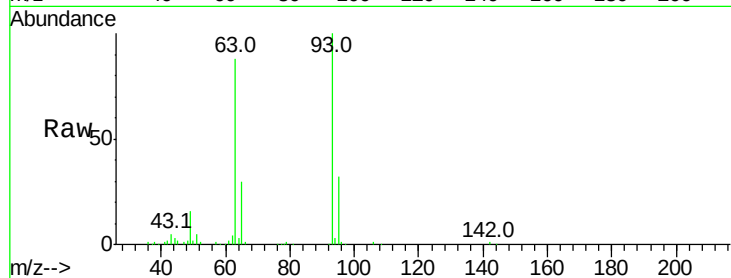
Tot Ion: 93 Resp: 223529

Ion Ratio Lower Upper

93 100

63 88.2 49.5 89.5

95 31.6 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 34.73 ng

RT: 7.65 min Scan# 775

Delta R.T. -0.02 min

Lab File: BM009997.D

Acq: 11 May 2017 22:42

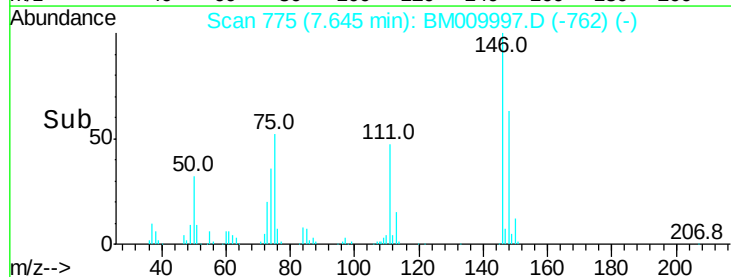
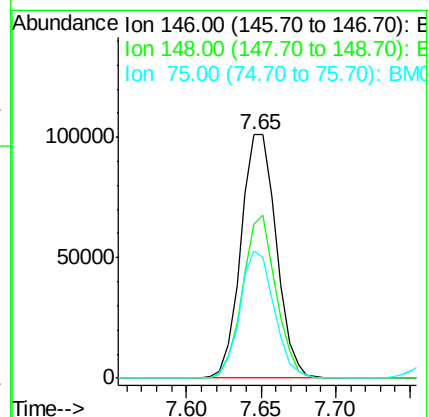
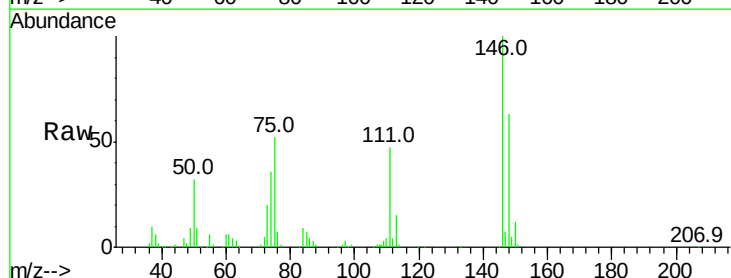
Tgt Ion: 146 Resp: 166252

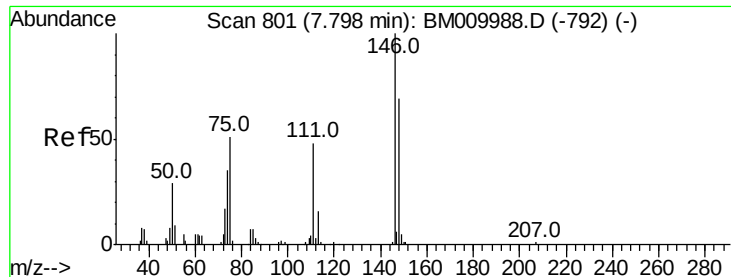
Ion Ratio Lower Upper

146 100

148 63.2 50.9 76.3

75 52.0 21.4 32.2#

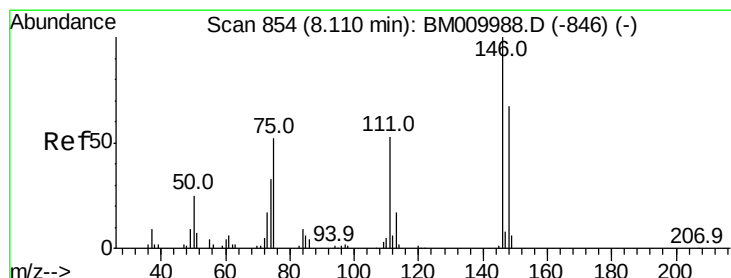
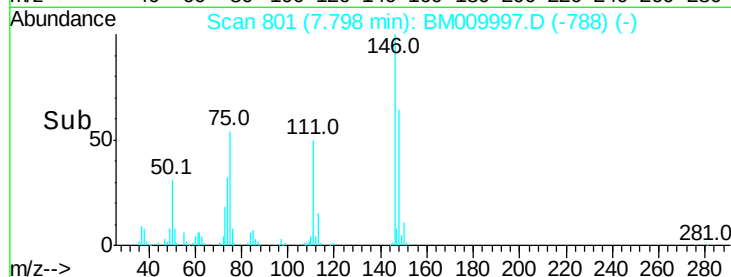
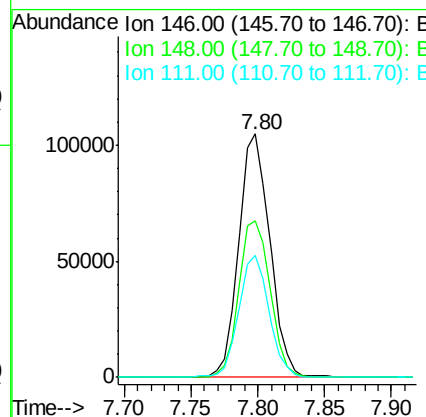
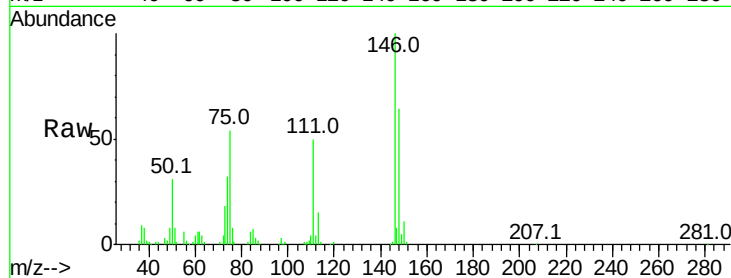




#13  
 1,4-Dichlorobenzene  
 Concen: 34.54 ng  
 RT: 7.80 min Scan# 801  
 Delta R.T. -0.02 min  
 Lab File: BM009997.D  
 Acq: 11 May 2017 22:42

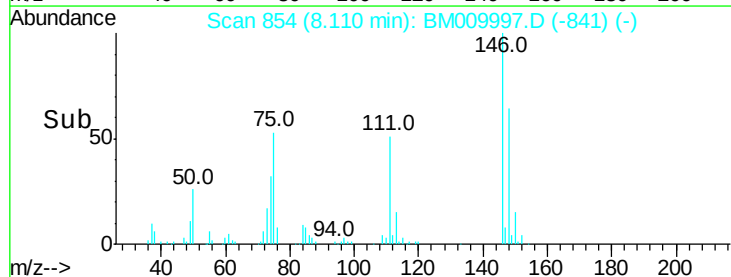
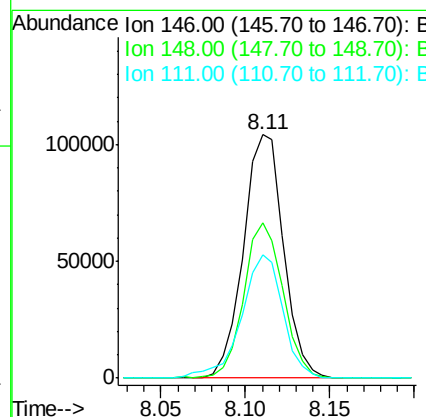
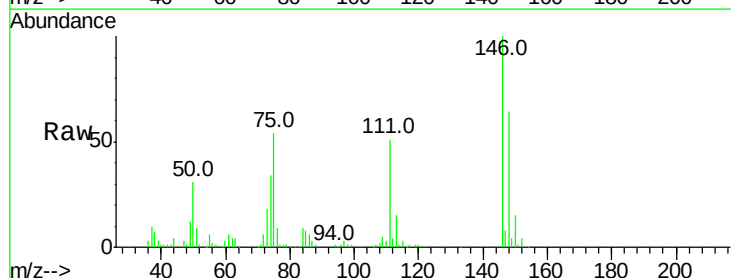
Instrument :  
 BNA\_M  
 ClientSampled :

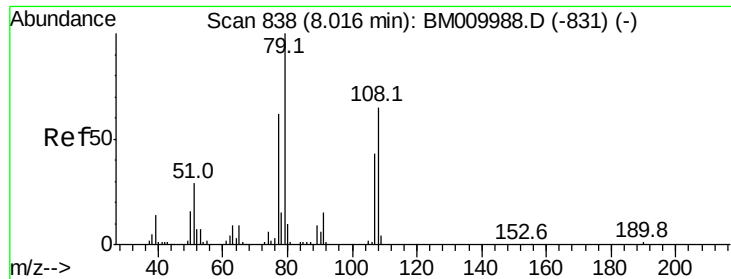
Tot Ion:146 Resp: 169468  
 Ion Ratio Lower Upper  
 146 100  
 148 64.1 51.9 77.9  
 111 50.1 29.2 43.8#



#14  
 1,2-Dichlorobenzene  
 Concen: 36.07 ng  
 RT: 8.11 min Scan# 854  
 Delta R.T. -0.02 min  
 Lab File: BM009997.D  
 Acq: 11 May 2017 22:42

Tgt Ion:146 Resp: 171542  
 Ion Ratio Lower Upper  
 146 100  
 148 63.9 52.3 78.5  
 111 50.8 30.6 45.8#





#15

Benzyl Alcohol

Concen: 29.93 ng

RT: 8.02 min Scan# 838

Delta R.T. -0.02 min

Lab File: BM009997.D

Acq: 11 May 2017 22:42

Instrument :

BNA\_M

ClientSampleId :

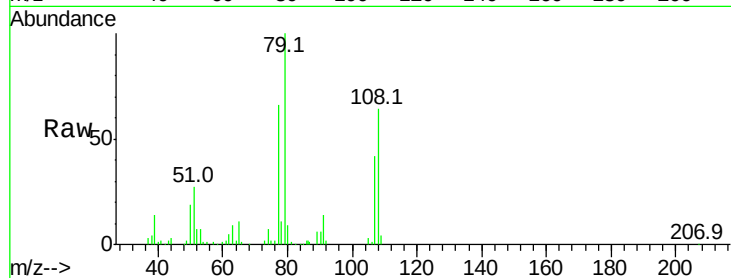
Tot Ion: 79 Resp: 161486

Ion Ratio Lower Upper

79 100

108 63.9 65.0 97.4#

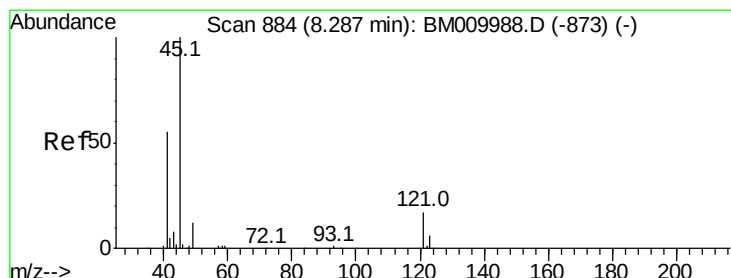
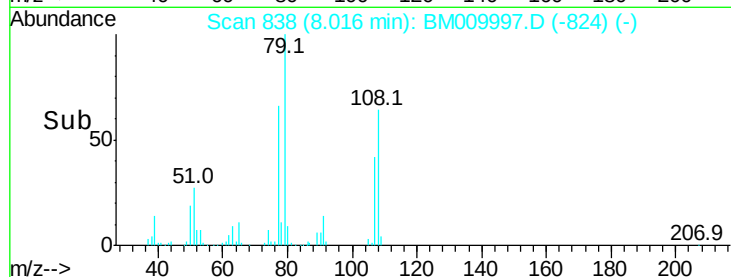
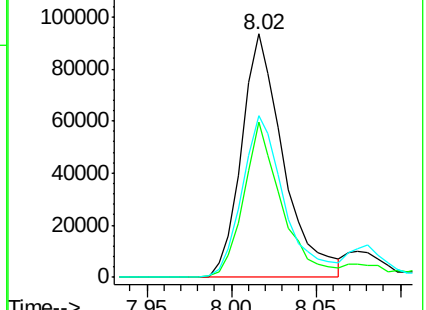
77 66.4 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BM009997.D (-824) (-)

Ion 108.00 (107.70 to 108.70): BM009997.D (-824) (-)

Ion 77.00 (76.70 to 77.70): BM009997.D (-824) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.38 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BM009997.D

Acq: 11 May 2017 22:42

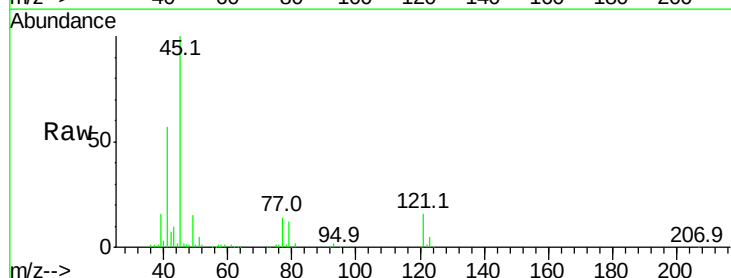
Tgt Ion: 45 Resp: 351245

Ion Ratio Lower Upper

45 100

77 14.3 0.0 35.2

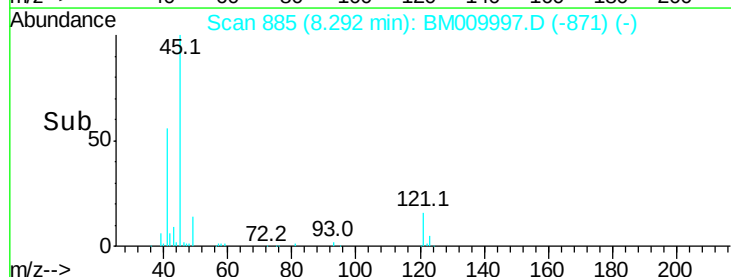
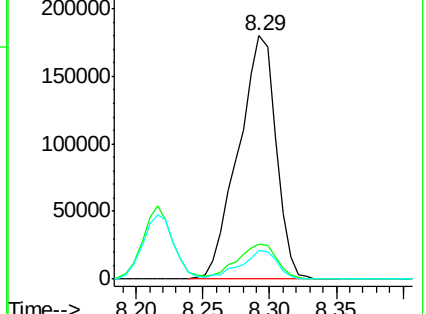
79 11.9 0.0 32.0

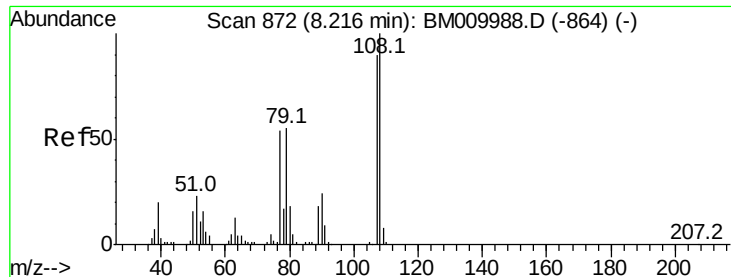


Abundance Ion 45.00 (44.70 to 45.70): BM009997.D (-871) (-)

Ion 77.00 (76.70 to 77.70): BM009997.D (-871) (-)

Ion 79.00 (78.70 to 79.70): BM009997.D (-871) (-)





#17

2-Methylphenol

Concen: 29.12 ng

RT: 8.22 min Scan# 872

Delta R.T. -0.02 min

Lab File: BM009997.D

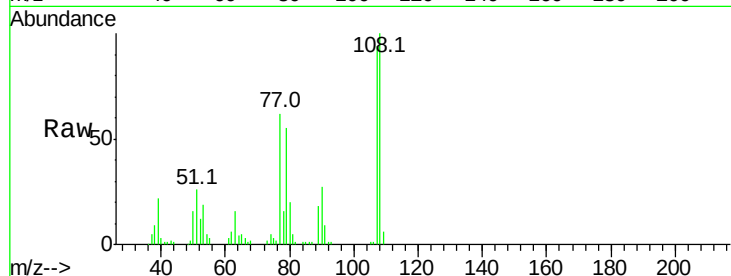
Acq: 11 May 2017 22:42

Instrument :

BNA\_M

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 130746 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 106.2 | 89.8  | 134.8  |
| 77       | 65.9  | 32.6  | 48.8#  |
| 79       | 58.3  | 32.8  | 49.2#  |

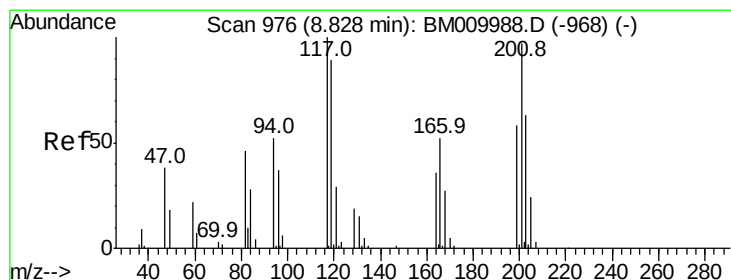
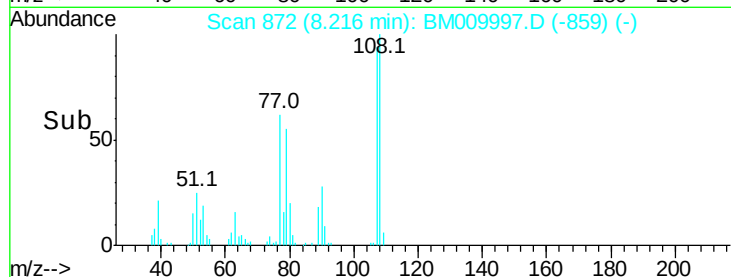
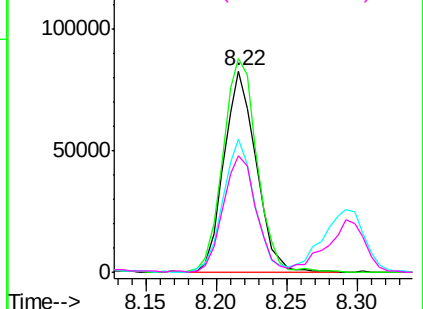


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 35.04 ng

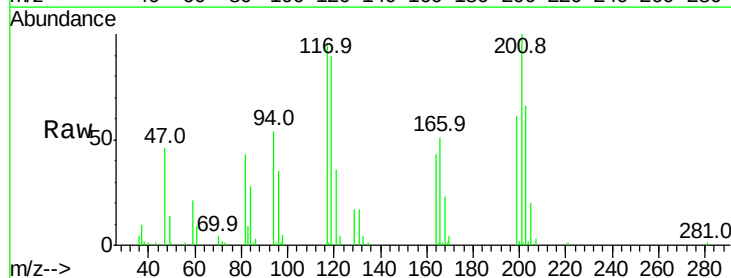
RT: 8.82 min Scan# 975

Delta R.T. -0.03 min

Lab File: BM009997.D

Acq: 11 May 2017 22:42

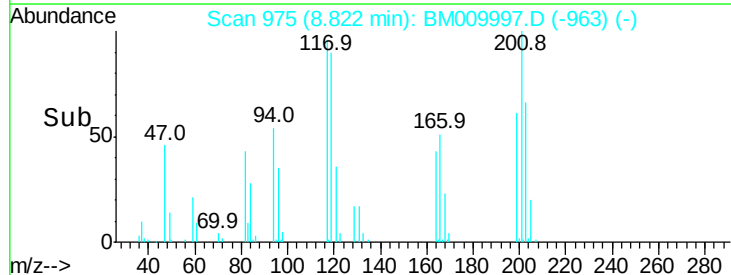
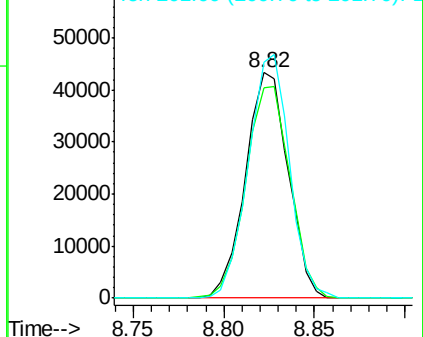
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 71267 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 93.5  | 79.2  | 118.8 |
| 201      | 104.4 | 69.8  | 104.6 |

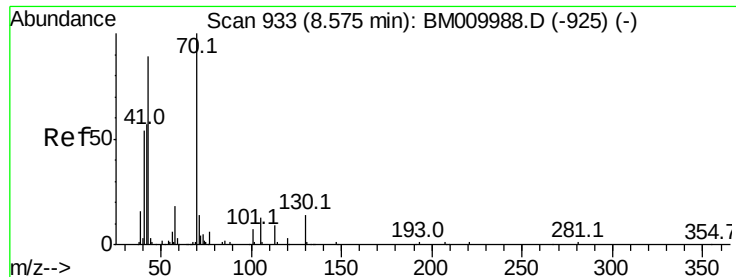


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 42.95 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.02 min

Lab File: BM009997.D

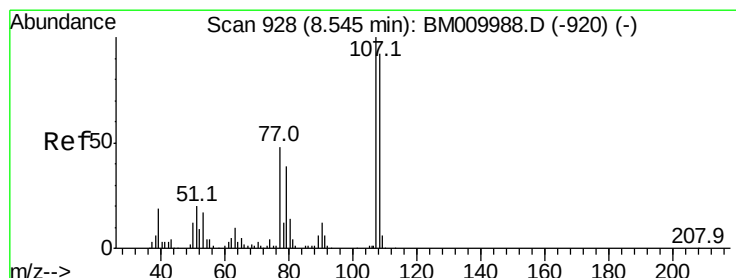
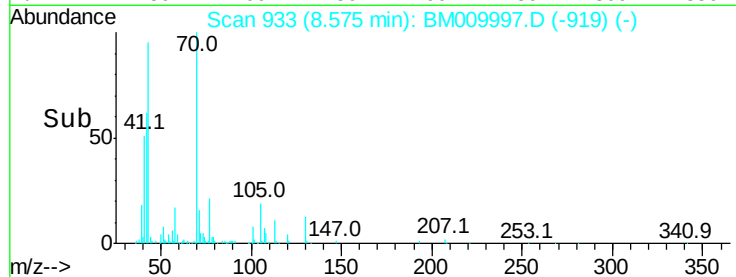
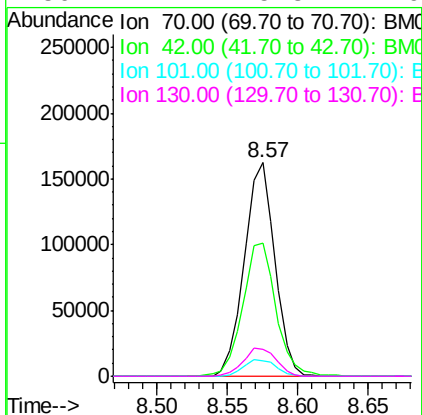
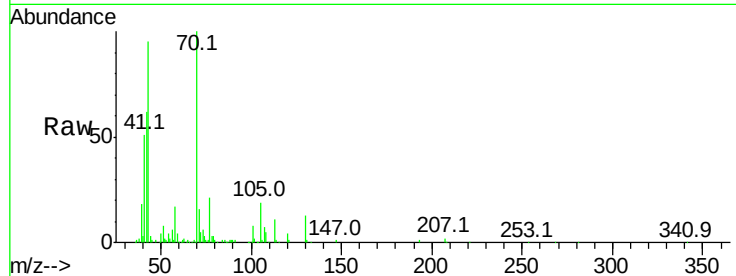
Acq: 11 May 2017 22:42

Instrument :

BNA\_M

ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 246667 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 62.1  | 44.5  | 66.7   |
| 101      | 7.5   | 7.4   | 11.2   |
| 130      | 12.7  | 15.3  | 22.9#  |



#20

3+4-Methylphenols

Concen: 26.23 ng

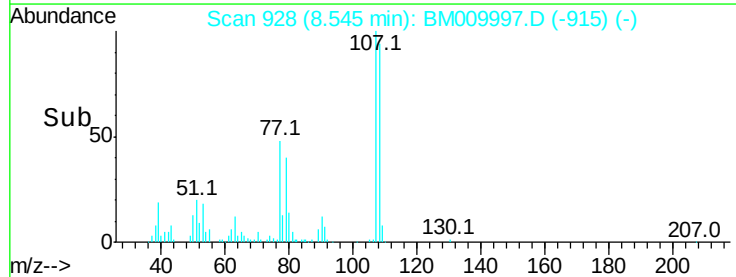
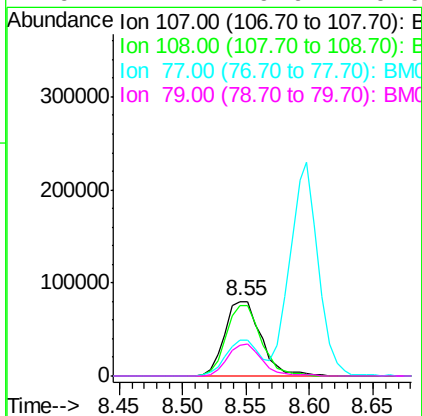
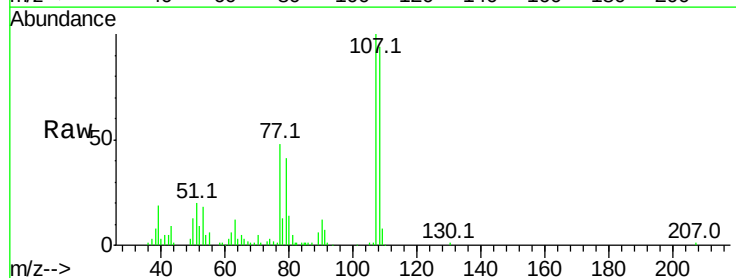
RT: 8.55 min Scan# 928

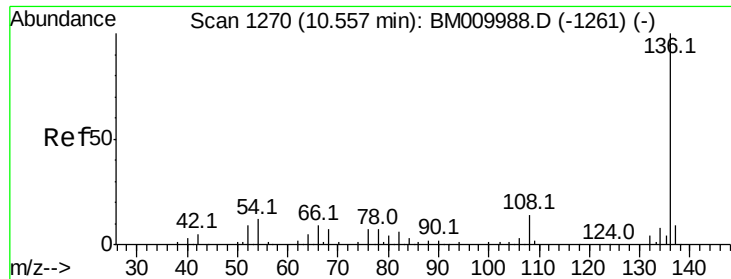
Delta R.T. -0.02 min

Lab File: BM009997.D

Acq: 11 May 2017 22:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 160344 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 94.0  | 73.2  | 113.2  |
| 77       | 48.4  | 10.7  | 50.7   |
| 79       | 41.2  | 9.6   | 49.6   |

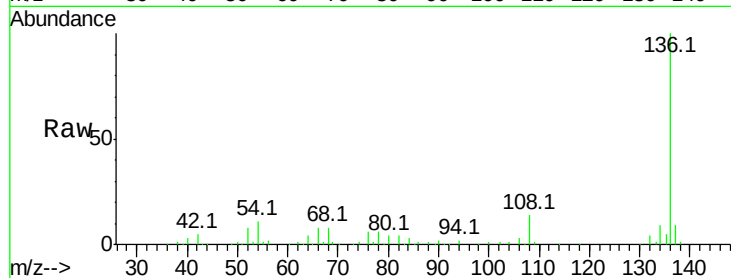




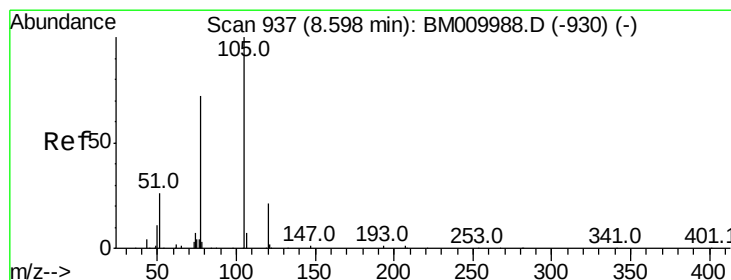
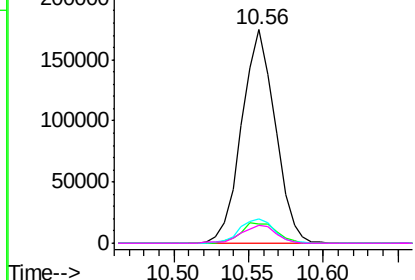
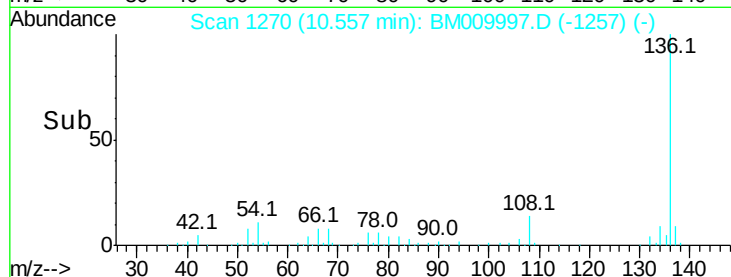
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.56 min Scan# 1270  
Delta R.T. -0.02 min  
Lab File: BM009997.D  
Acq: 11 May 2017 22:42

Instrument :  
BNA\_M  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 136   | Resp: | 271742 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 9.0   | 8.7   | 13.1   |
| 54       | 11.5  | 4.6   | 6.8#   |
| 68       | 8.4   | 3.7   | 5.5#   |

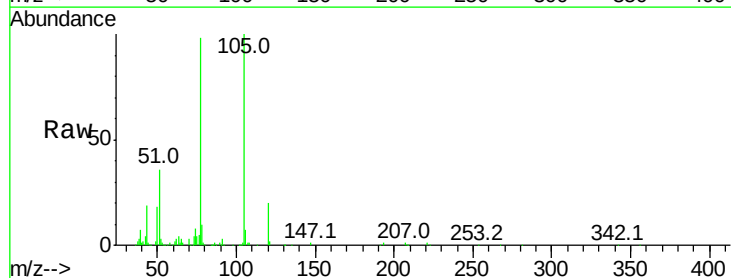


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BM  
Ion 68.00 (67.70 to 68.70): BM

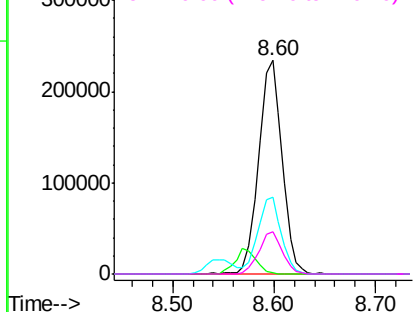
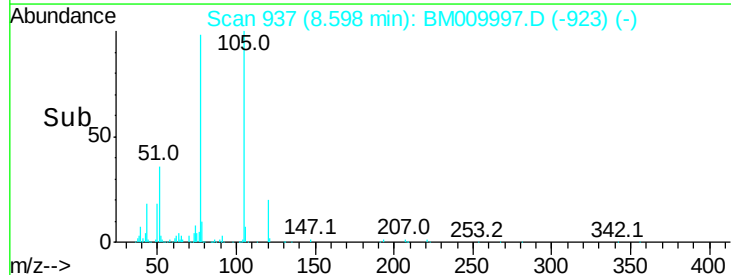


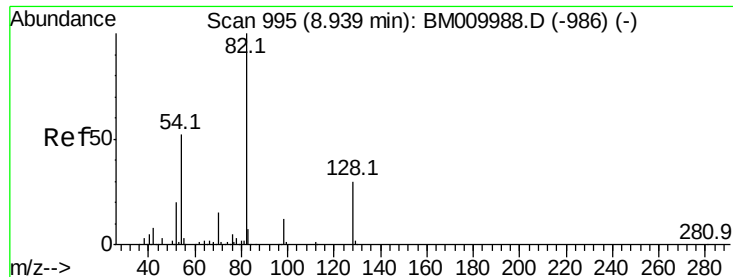
#22  
Acetophenone  
Concen: 45.22 ng  
RT: 8.60 min Scan# 937  
Delta R.T. -0.02 min  
Lab File: BM009997.D  
Acq: 11 May 2017 22:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 375701 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 0.4   | 0.6   | 1.0#   |
| 51       | 36.3  | 21.6  | 32.4#  |
| 120      | 19.8  | 16.1  | 24.1   |



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

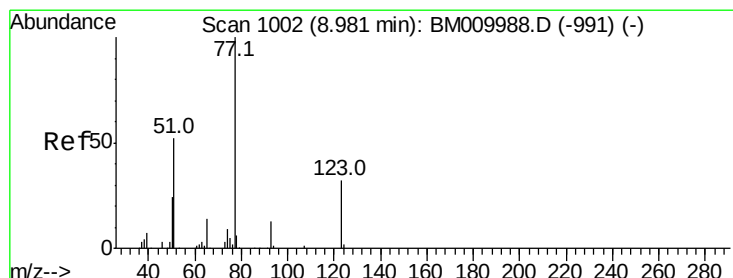
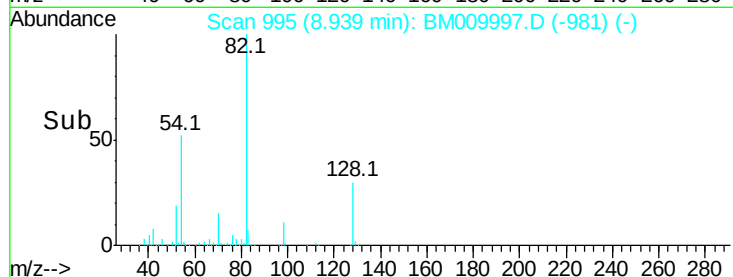
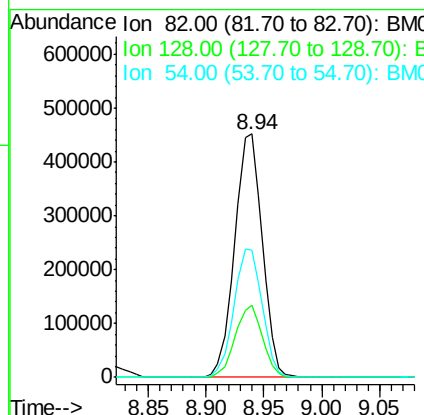
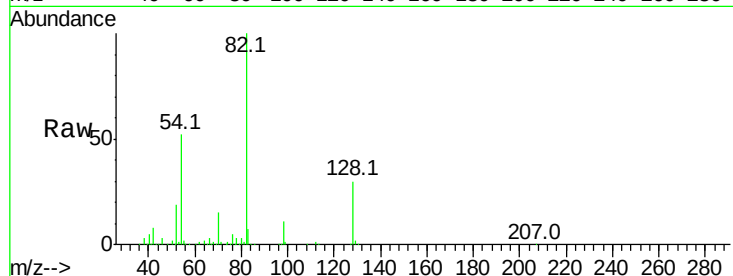




#23  
Nitrobenzene-d5  
Concen: 101.05 ng  
RT: 8.94 min Scan# 995  
Delta R.T. -0.02 min  
Lab File: BM009997.D  
Acq: 11 May 2017 22:42

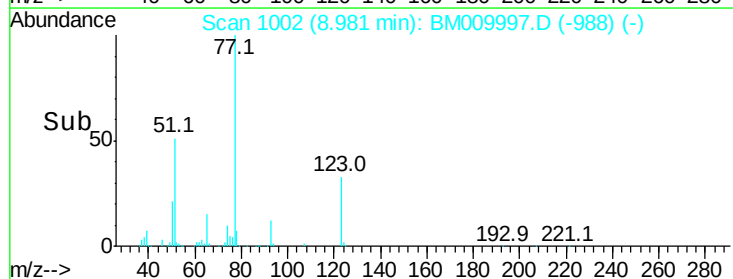
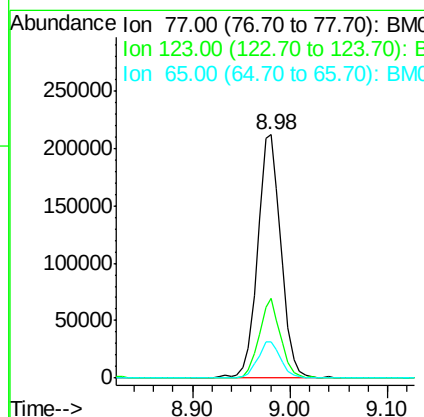
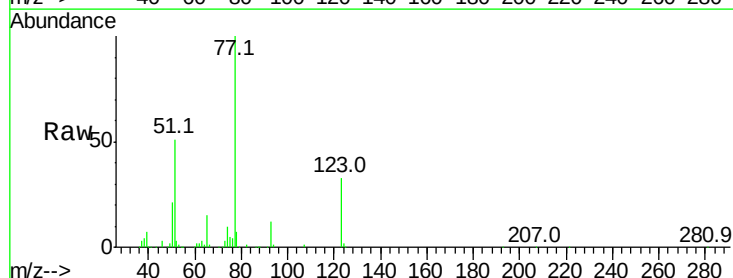
Instrument :  
BNA\_M  
ClientSampleId :

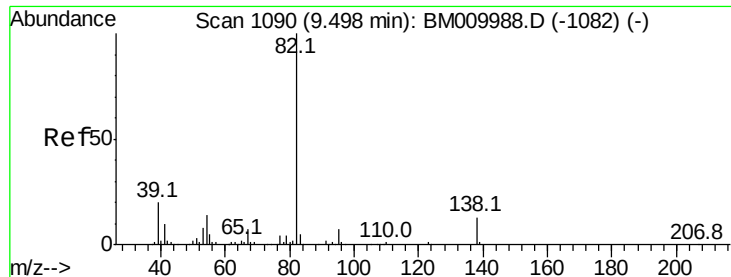
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 29.6  | 32.8  | 49.2# |
| 54      | 52.2  | 40.6  | 60.8  |



#24  
Nitrobenzene  
Concen: 45.14 ng  
RT: 8.98 min Scan# 1002  
Delta R.T. -0.02 min  
Lab File: BM009997.D  
Acq: 11 May 2017 22:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 32.6  | 32.6  | 49.0# |
| 65      | 15.1  | 10.9  | 16.3  |





#25

Isophorone

Concen: 49.36 ng

RT: 9.50 min Scan# 1090

Delta R.T. -0.02 min

Lab File: BM009997.D

Acq: 11 May 2017 22:42

Instrument :

BNA\_M

ClientSampleId :

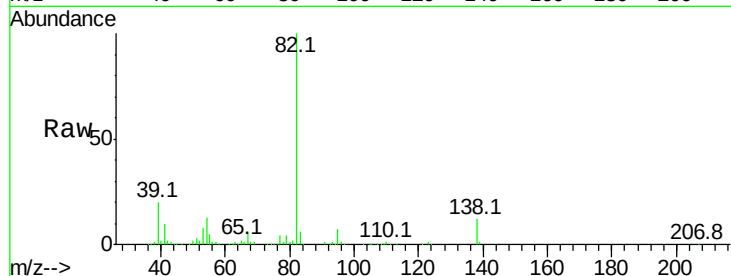
Tot Ion: 82 Resp: 631661

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

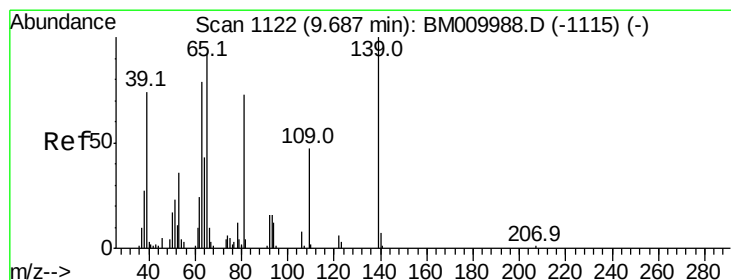
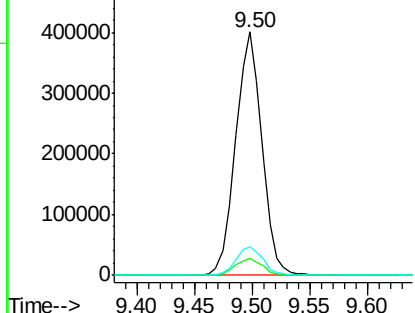
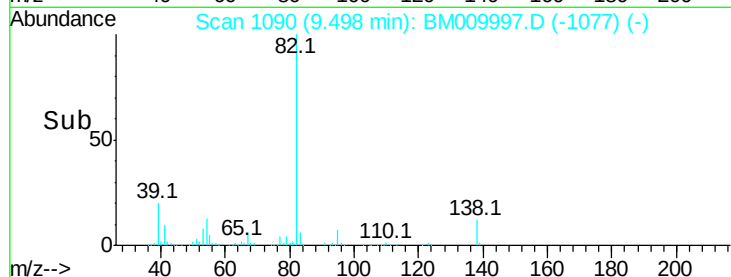
138 12.0 16.3 24.5#



Abundance Ion 82.00 (81.70 to 82.70): BM009997.D (-1077) (-)

Ion 95.00 (94.70 to 95.70): BM009997.D (-1077) (-)

Ion 138.00 (137.70 to 138.70): BM009997.D (-1077) (-)



#26

2-Nitrophenol

Concen: 46.89 ng

RT: 9.69 min Scan# 1122

Delta R.T. -0.02 min

Lab File: BM009997.D

Acq: 11 May 2017 22:42

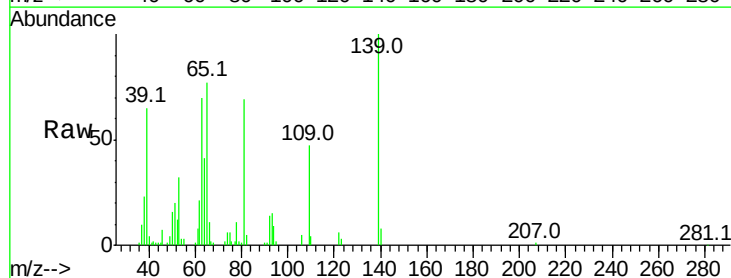
Tgt Ion: 139 Resp: 111714

Ion Ratio Lower Upper

139 100

109 47.4 20.1 30.1#

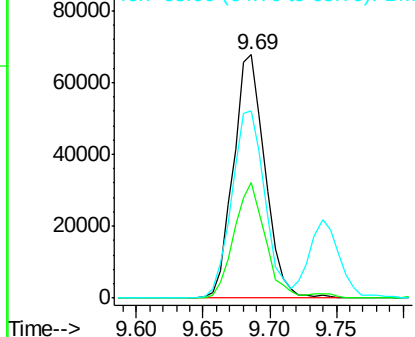
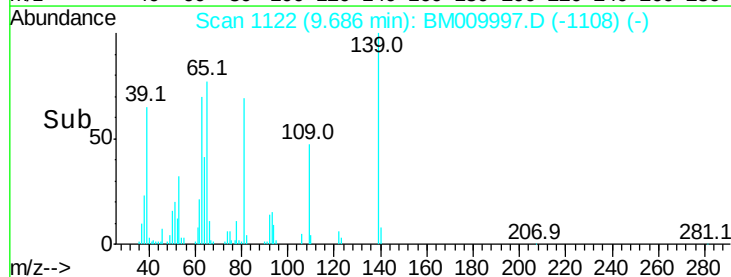
65 76.8 31.5 47.3#



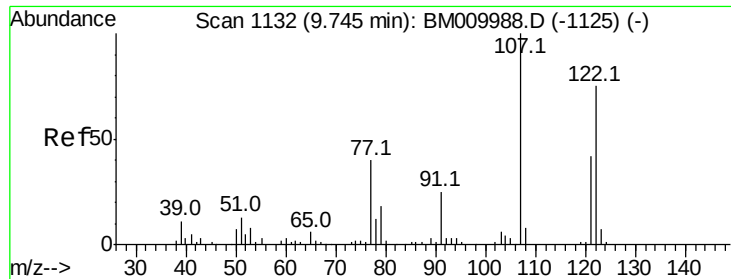
Abundance Ion 139.00 (138.70 to 139.70): BM009997.D (-1108) (-)

Ion 109.00 (108.70 to 109.70): BM009997.D (-1108) (-)

Ion 65.00 (64.70 to 65.70): BM009997.D (-1108) (-)



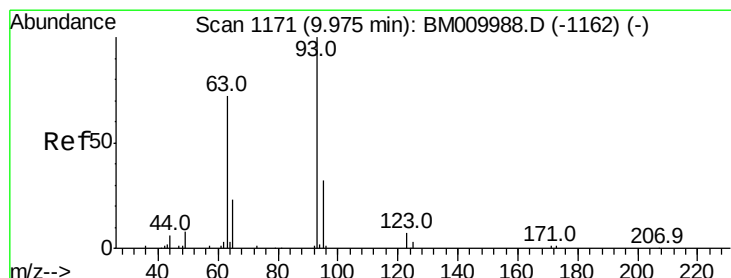
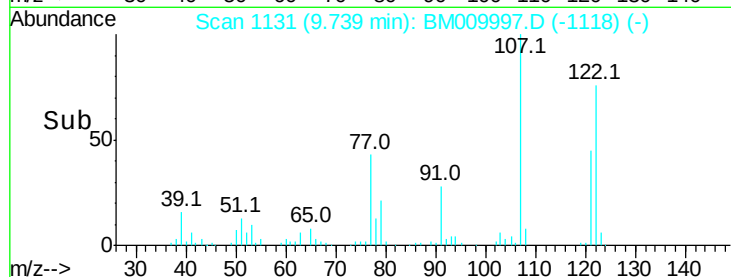
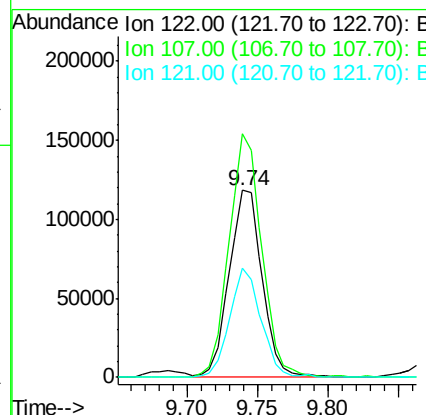
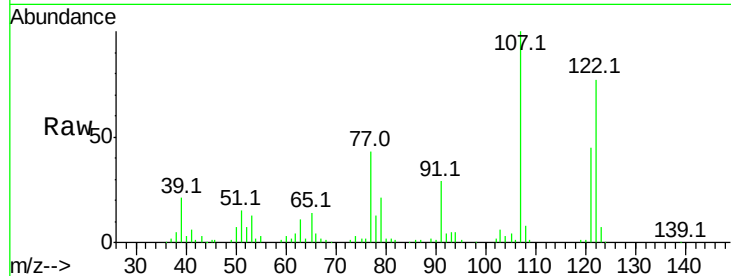




#27  
 2,4-Dimethylphenol  
 Concen: 43.15 ng  
 RT: 9.74 min Scan# 1131  
 Delta R.T. -0.02 min  
 Lab File: BM009997.D  
 Acq: 11 May 2017 22:42

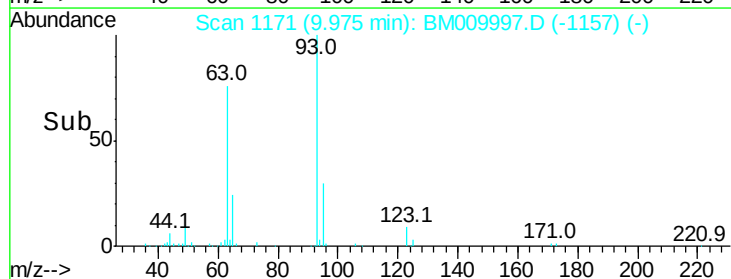
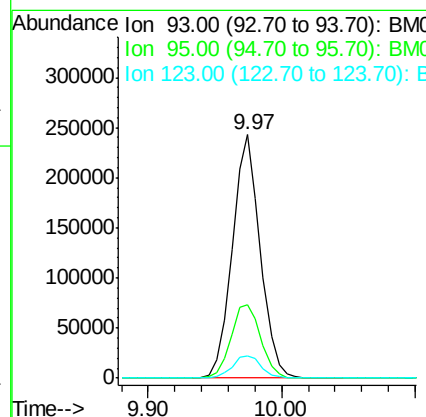
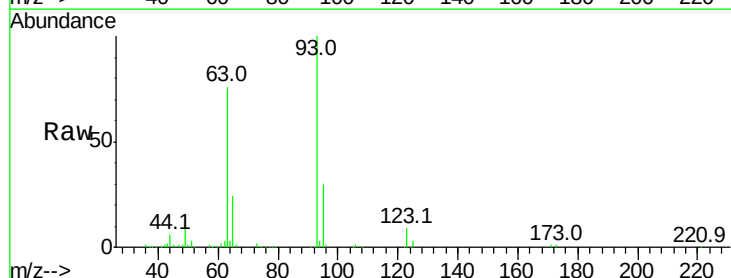
Instrument :  
 BNA\_M  
 ClientSampled :

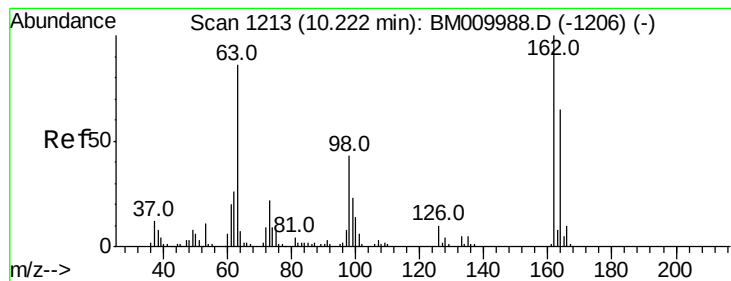
| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 107     | 130.2 | 84.7  | 127.1# |
| 121     | 58.4  | 46.6  | 69.8   |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 45.85 ng  
 RT: 9.97 min Scan# 1171  
 Delta R.T. -0.02 min  
 Lab File: BM009997.D  
 Acq: 11 May 2017 22:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 30.4  | 25.5  | 38.3  |
| 123     | 9.3   | 8.6   | 13.0  |





#29

2,4-Dichlorophenol

Concen: 45.46 ng

RT: 10.22 min Scan# 1212

Delta R.T. -0.02 min

Lab File: BM009997.D

Acq: 11 May 2017 22:42

Instrument :

BNA\_M

ClientSampleId :

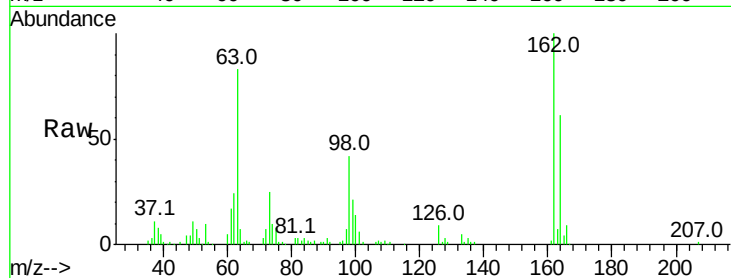
Tot Ion:162 Resp: 197280

Ion Ratio Lower Upper

162 100

164 61.5 42.8 82.8

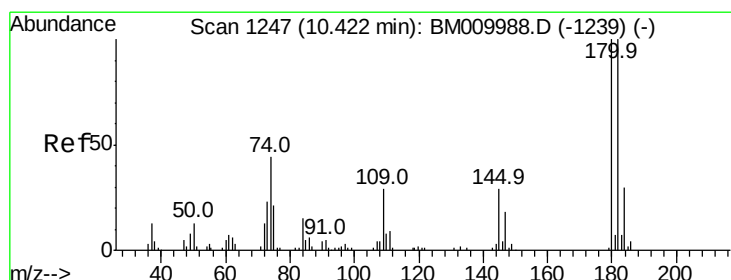
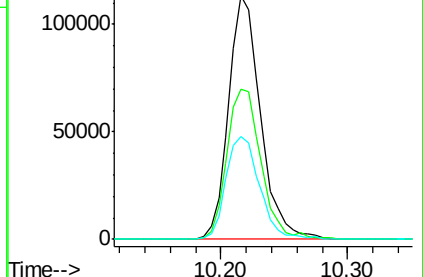
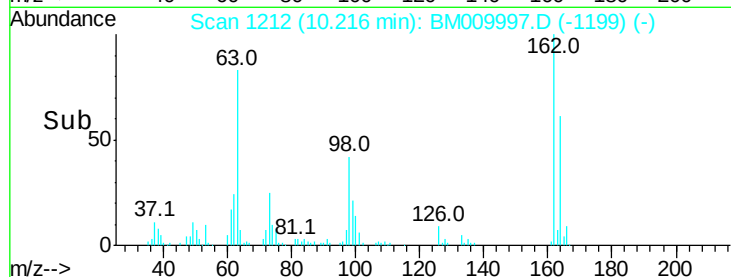
98 42.4 14.5 54.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 40.75 ng

RT: 10.42 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BM009997.D

Acq: 11 May 2017 22:42

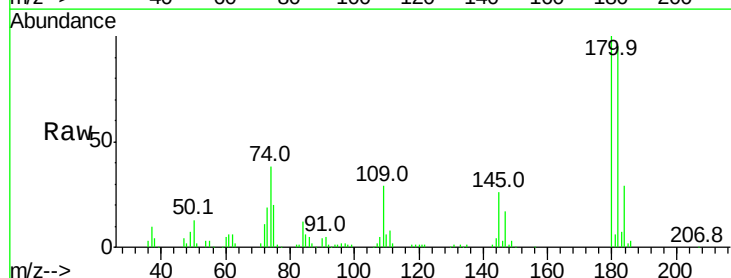
Tgt Ion:180 Resp: 206469

Ion Ratio Lower Upper

180 100

182 94.9 77.6 116.4

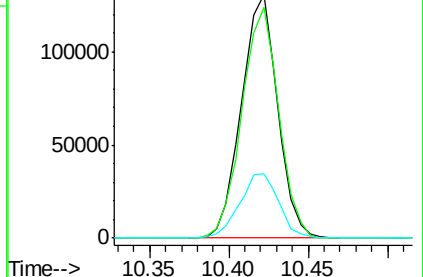
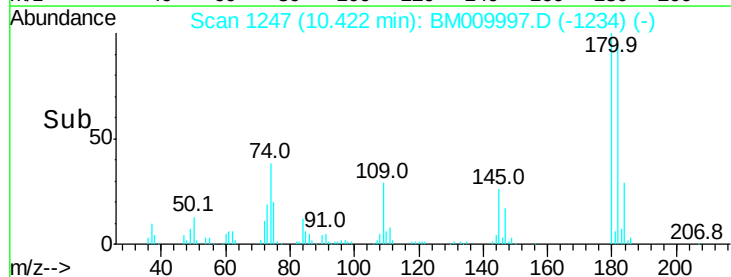
145 26.4 23.4 35.2

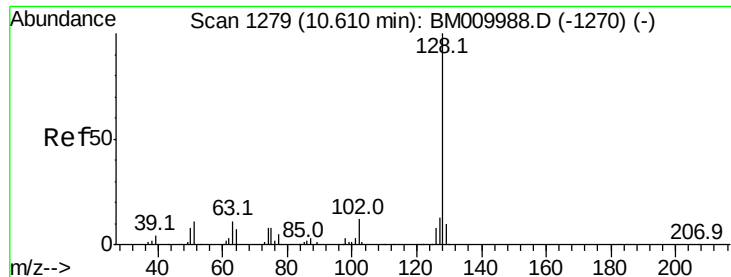


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

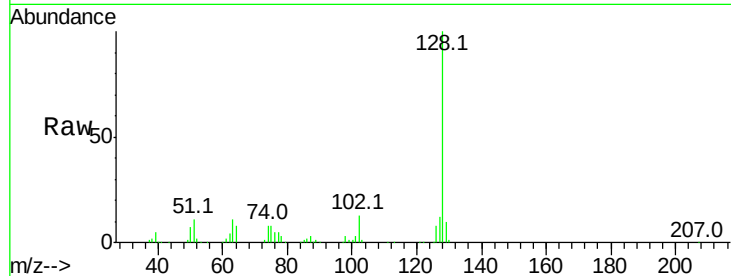




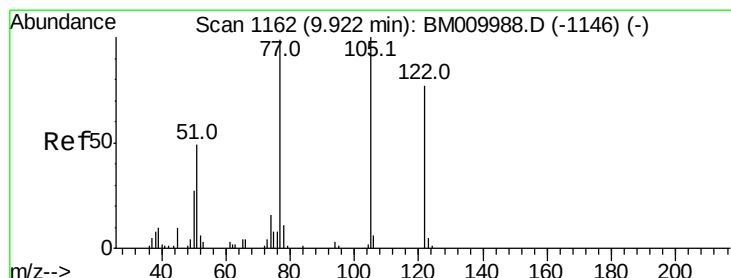
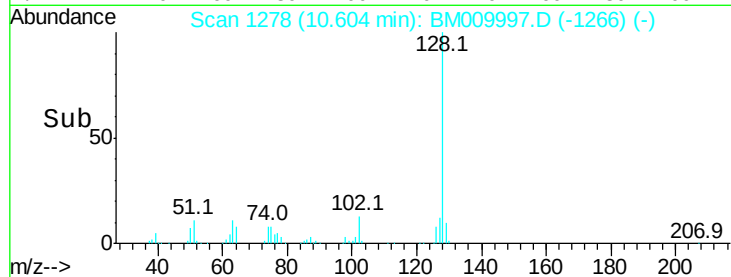
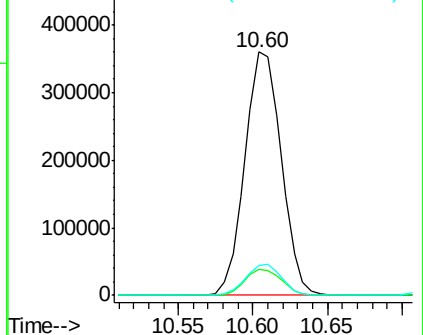
#31  
Naphthalene  
Concen: 40.72 ng  
RT: 10.60 min Scan# 1278  
Delta R.T. -0.03 min  
Lab File: BM009997.D  
Acq: 11 May 2017 22:42

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.5  | 8.9   | 13.3  |
| 127     | 12.4  | 10.4  | 15.6  |

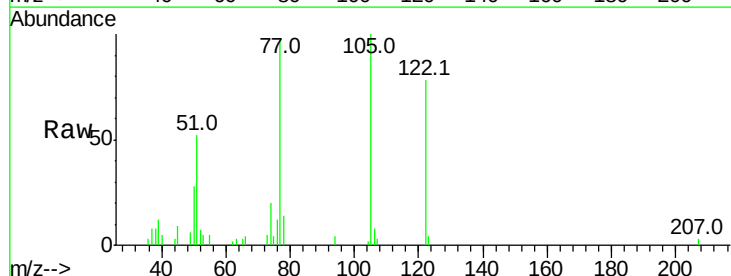


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

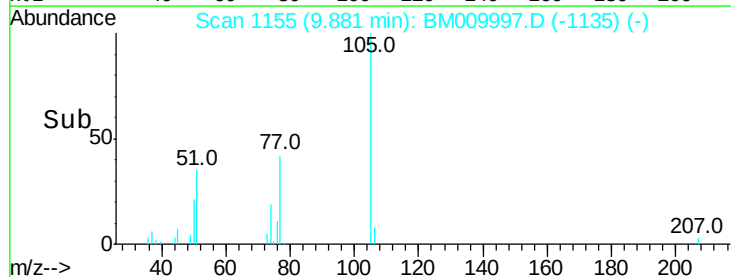
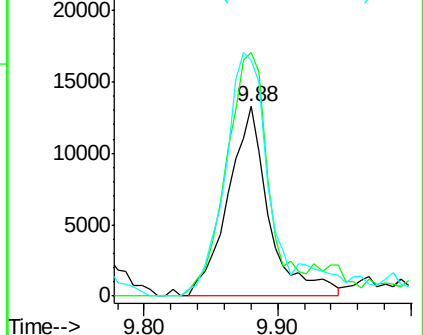


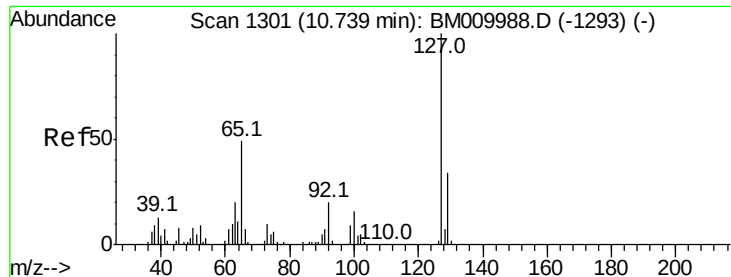
#32  
Benzoic acid  
Concen: 9.52 ng  
RT: 9.88 min Scan# 1155  
Delta R.T. -0.08 min  
Lab File: BM009997.D  
Acq: 11 May 2017 22:42

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 128.4 | 99.9  | 139.9  |
| 77      | 124.6 | 73.7  | 113.7# |



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

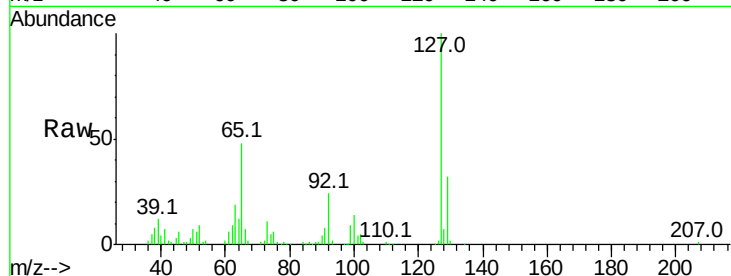




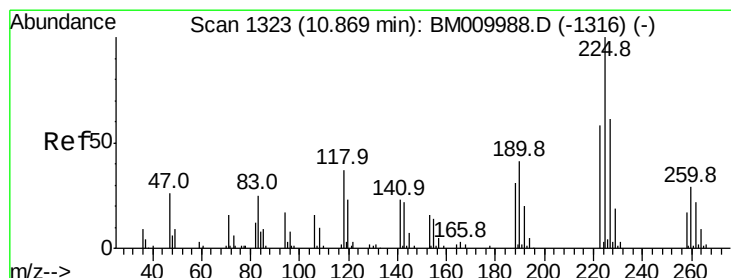
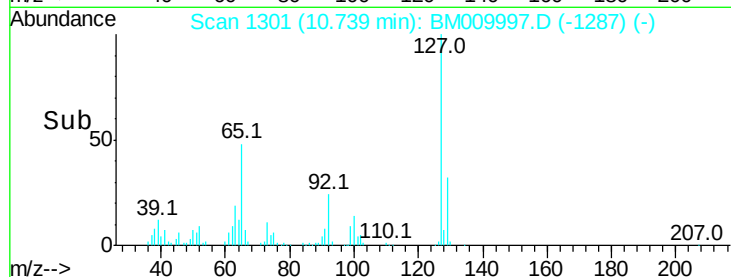
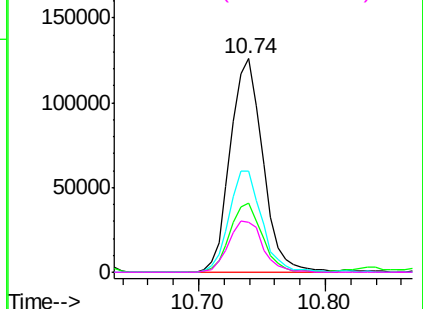
#33  
4-Chloroaniline  
Concen: 35.37 ng  
RT: 10.74 min Scan# 1301  
Delta R.T. -0.02 min  
Lab File: BM009997.D  
Acq: 11 May 2017 22:42

Instrument :  
BNA\_M  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 224926 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.3  | 25.3  | 37.9   |
| 65       | 47.7  | 17.6  | 26.4   |
| 92       | 23.5  | 13.1  | 19.7   |

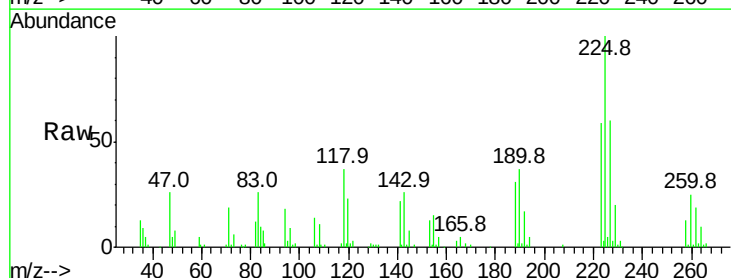


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BM  
Ion 92.00 (91.70 to 92.70): BM

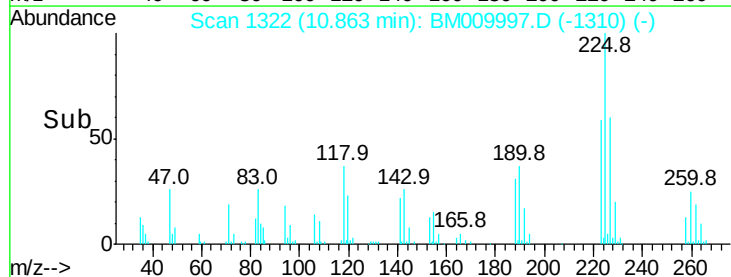
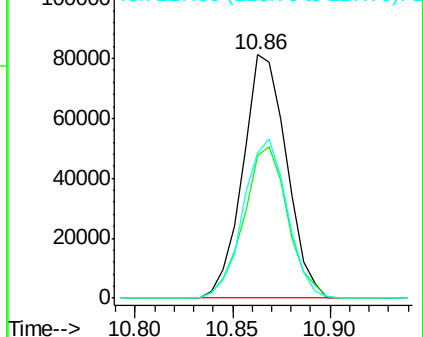


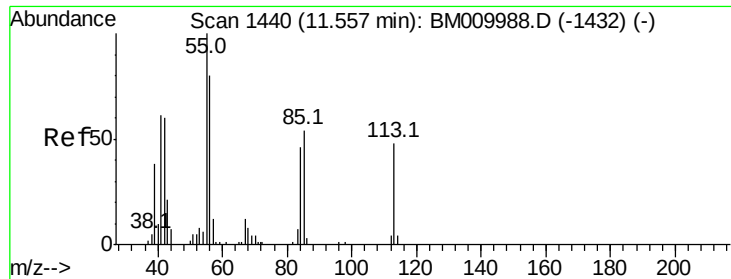
#34  
Hexachlorobutadiene  
Concen: 36.62 ng  
RT: 10.86 min Scan# 1322  
Delta R.T. -0.03 min  
Lab File: BM009997.D  
Acq: 11 May 2017 22:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 126248 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 58.7  | 47.9  | 71.9   |
| 227      | 59.8  | 50.1  | 75.1   |



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

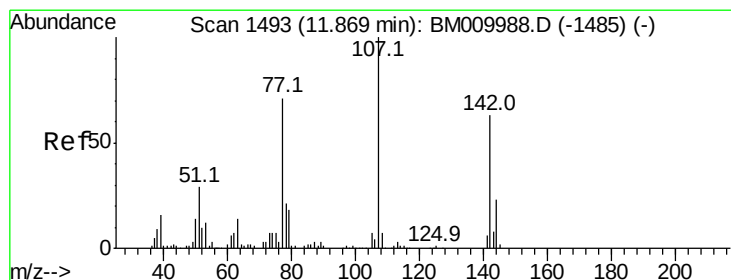
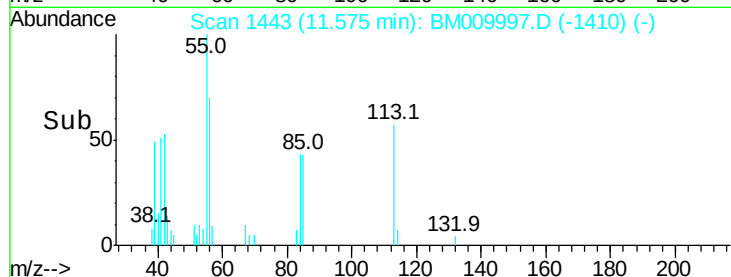
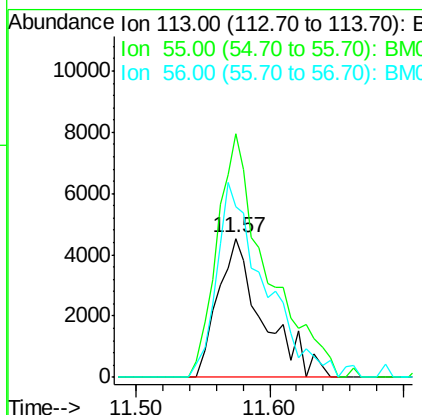
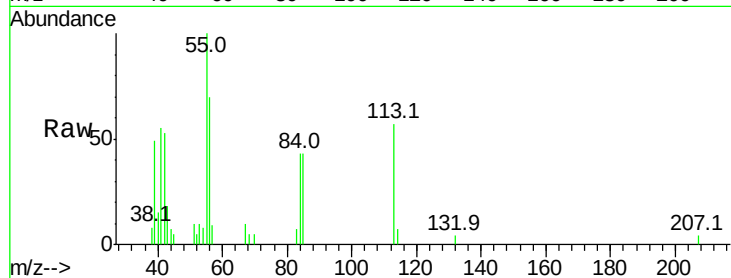




#35  
 Caprolactam  
 Concen: 6.26 ng  
 RT: 11.57 min Scan# 1443  
 Delta R.T. -0.01 min  
 Lab File: BM009997.D  
 Acq: 11 May 2017 22:42

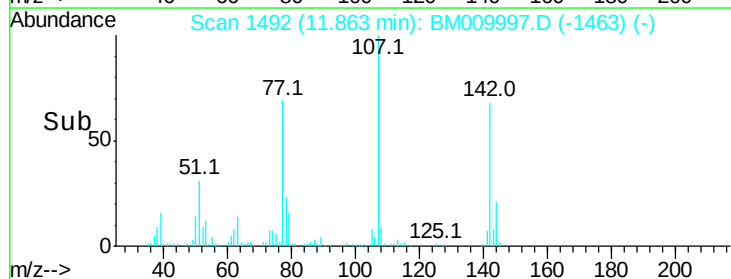
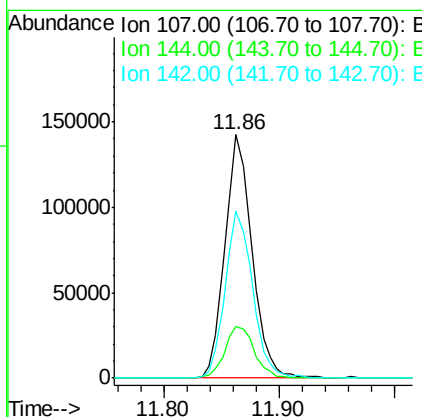
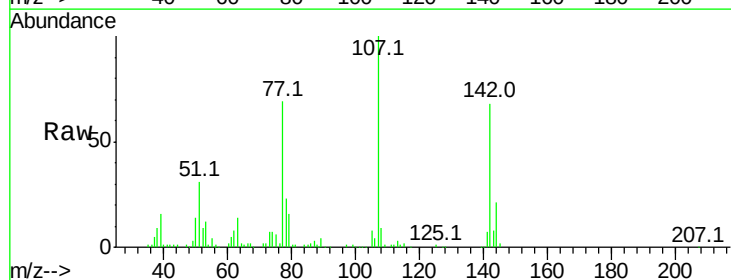
Instrument :  
 BNA\_M  
 ClientSampleId :

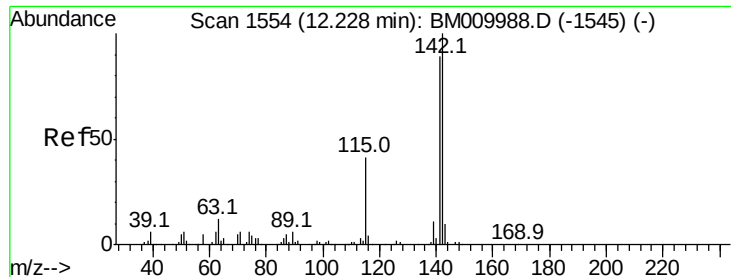
Tot Ion:113 Resp: 10619  
 Ion Ratio Lower Upper  
 113 100  
 55 174.8 145.9 185.9  
 56 122.4 101.0 141.0



#36  
 4-Chloro-3-methylphenol  
 Concen: 40.16 ng  
 RT: 11.86 min Scan# 1492  
 Delta R.T. -0.03 min  
 Lab File: BM009997.D  
 Acq: 11 May 2017 22:42

Tgt Ion:107 Resp: 232892  
 Ion Ratio Lower Upper  
 107 100  
 144 21.2 23.3 34.9#  
 142 68.4 72.6 109.0#

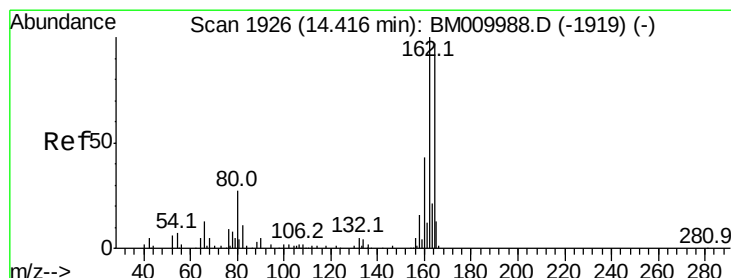
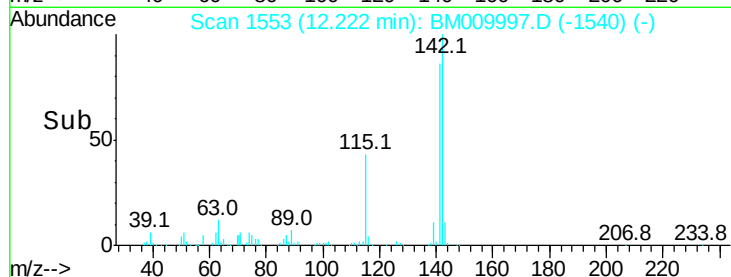
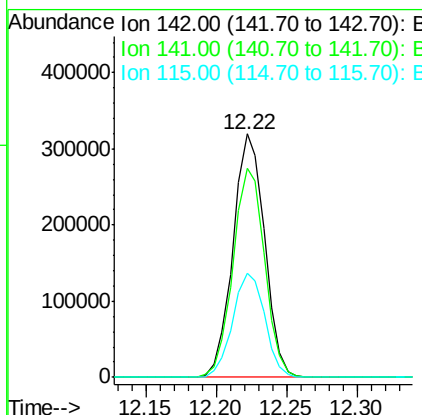
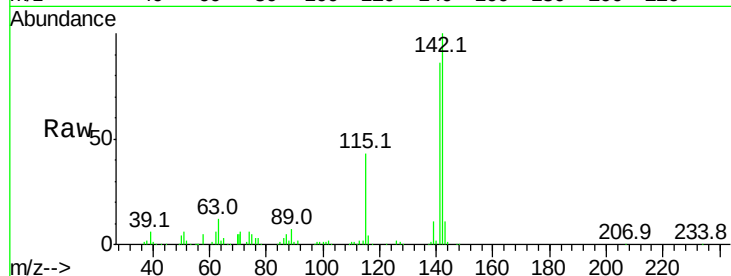




#37  
2-Methylnaphthalene  
Concen: 46.54 ng  
RT: 12.22 min Scan# 1553  
Delta R.T. -0.02 min  
Lab File: BM009997.D  
Acq: 11 May 2017 22:42

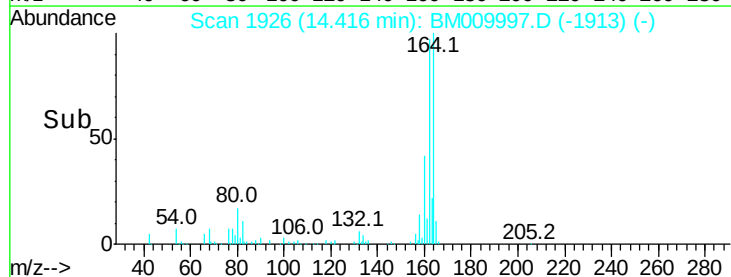
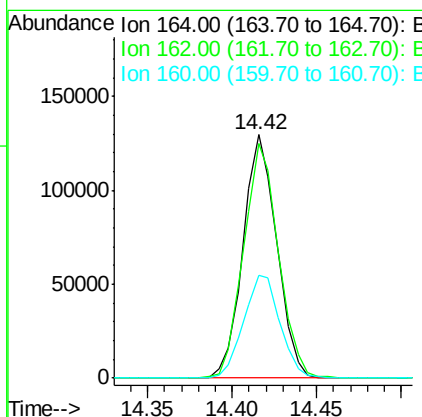
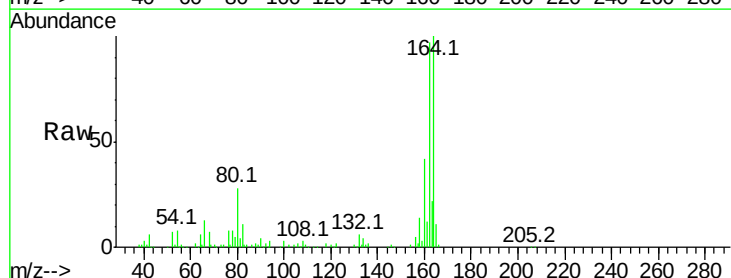
Instrument :  
BNA\_M  
ClientSampleId :

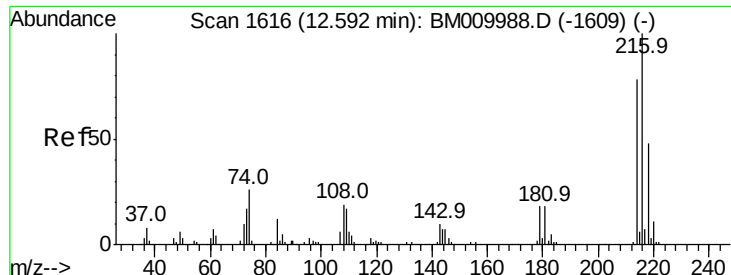
Tot Ion:142 Resp: 498435  
Ion Ratio Lower Upper  
142 100  
141 85.8 71.9 107.9  
115 42.9 25.4 38.0#



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.42 min Scan# 1926  
Delta R.T. -0.02 min  
Lab File: BM009997.D  
Acq: 11 May 2017 22:42

Tgt Ion:164 Resp: 180152  
Ion Ratio Lower Upper  
164 100  
162 96.6 82.4 123.6  
160 42.3 35.8 53.6

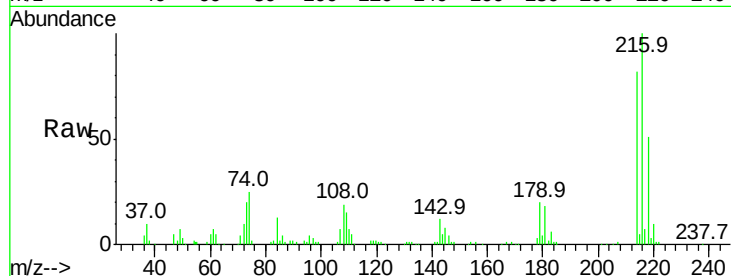




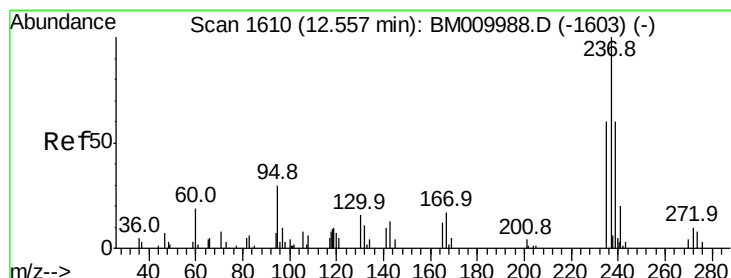
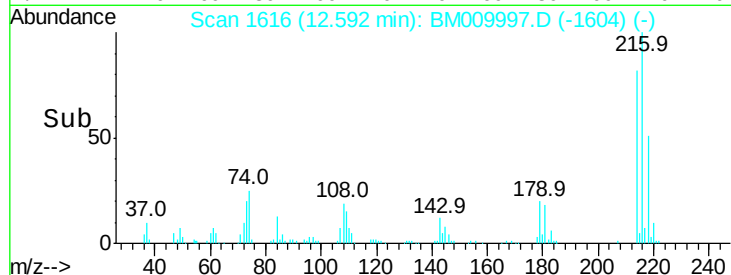
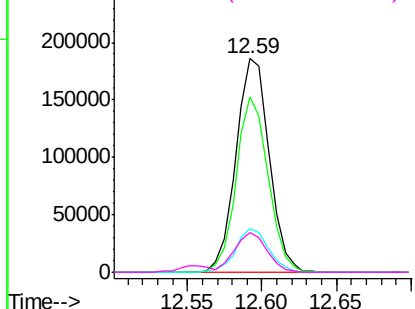
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 43.93 ng  
 RT: 12.59 min Scan# 1616  
 Delta R.T. -0.03 min  
 Lab File: BM009997.D  
 Acq: 11 May 2017 22:42

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.8  | 0.0   | 0.0#  |
| 179     | 19.9  | 0.0   | 0.0#  |
| 108     | 18.1  | 0.0   | 0.0#  |

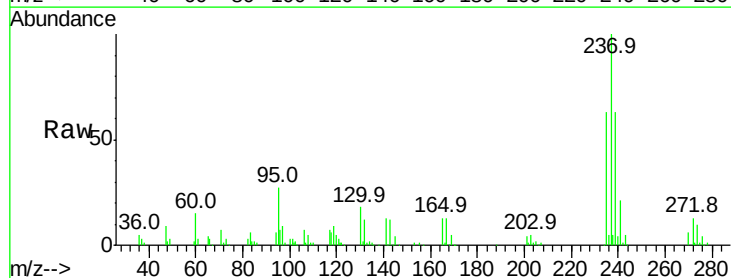


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

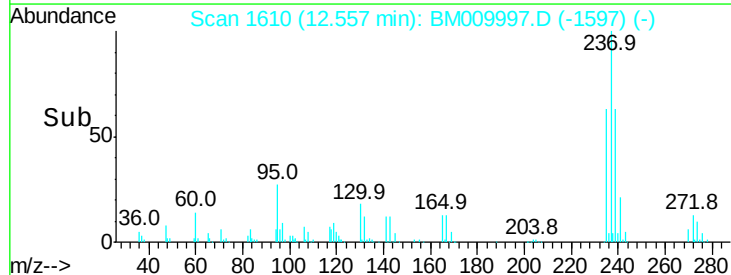
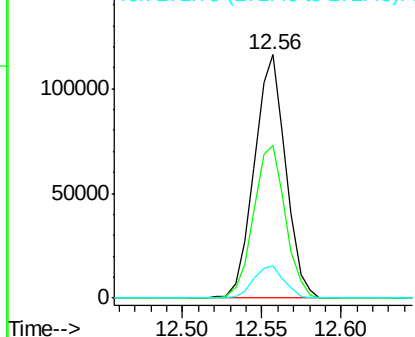


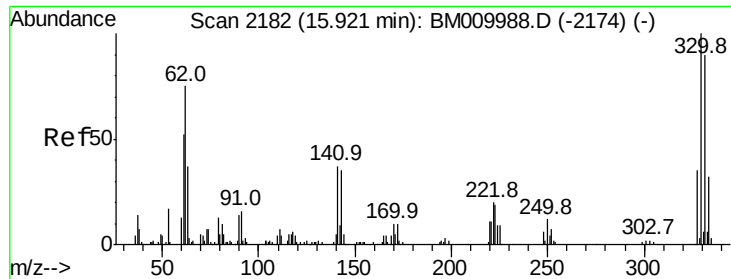
#40  
 Hexachlorocyclopentadiene  
 Concen: 89.04 ng  
 RT: 12.56 min Scan# 1610  
 Delta R.T. -0.02 min  
 Lab File: BM009997.D  
 Acq: 11 May 2017 22:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 62.9  | 42.0  | 82.0  |
| 272     | 13.3  | 0.0   | 33.4  |



Abundance Ion 236.80 (236.50 to 237.50): E  
 Ion 234.90 (234.60 to 235.60): E  
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 170.82 ng

RT: 15.92 min Scan# 2182

Delta R.T. -0.02 min

Lab File: BM009997.D

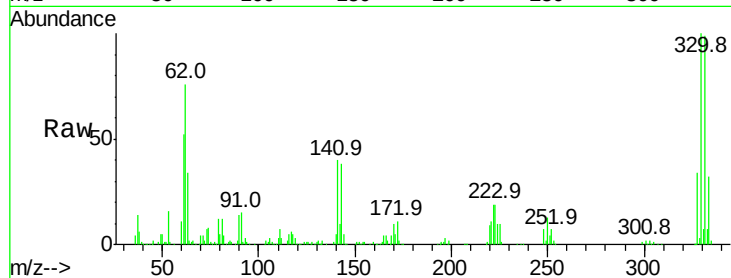
Acq: 11 May 2017 22:42

Instrument :

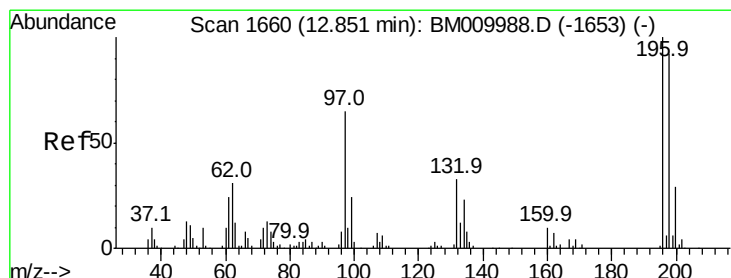
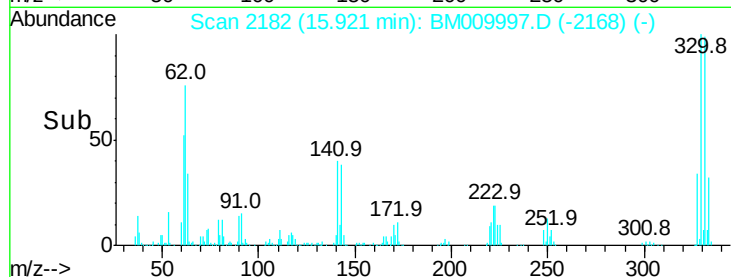
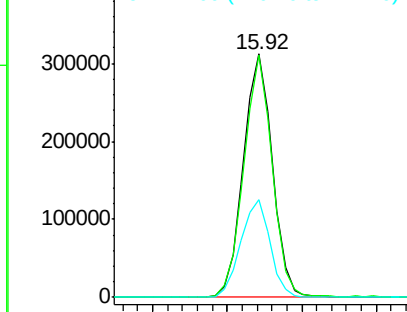
BNA\_M

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 330   | Resp: | 421169 |
| Ion      | Ratio | Lower | Upper  |
| 330      | 100   |       |        |
| 332      | 96.9  | 0.0   | 0.0#   |
| 141      | 40.5  | 0.0   | 0.0#   |



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



#42

2,4,6-Trichlorophenol

Concen: 48.44 ng

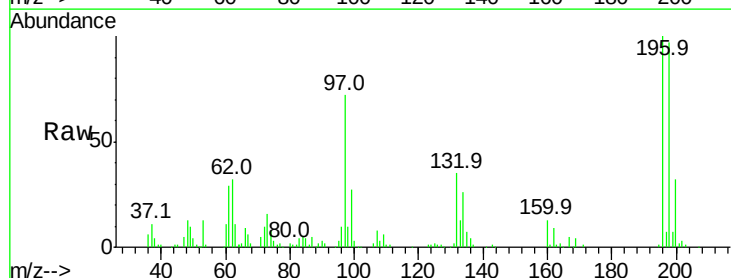
RT: 12.85 min Scan# 1659

Delta R.T. -0.02 min

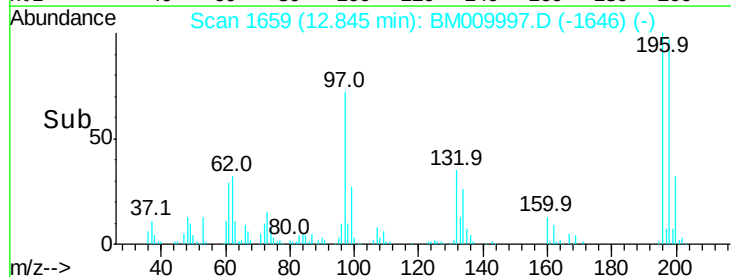
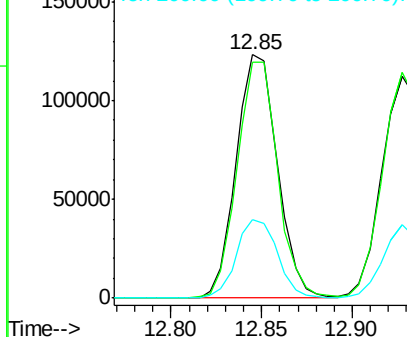
Lab File: BM009997.D

Acq: 11 May 2017 22:42

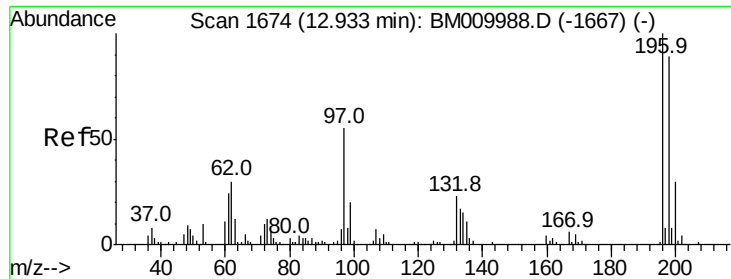
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 196   | Resp: | 195521 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 96.9  | 76.3  | 114.5  |
| 200      | 32.1  | 25.6  | 38.4   |



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



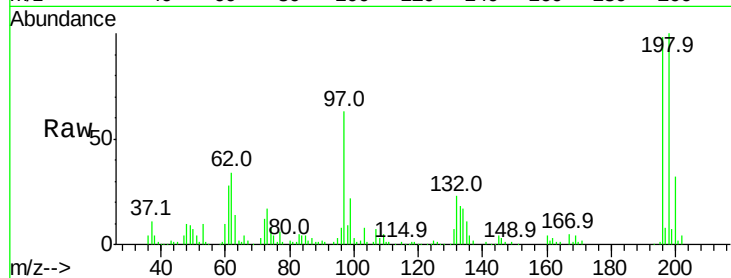




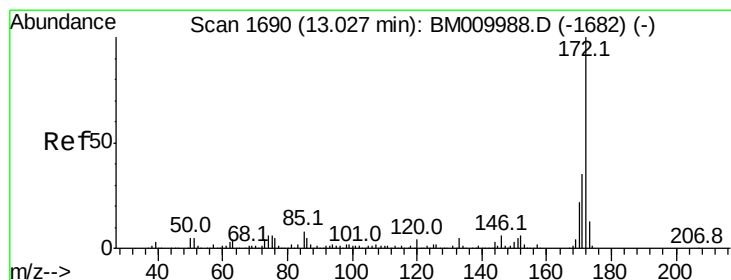
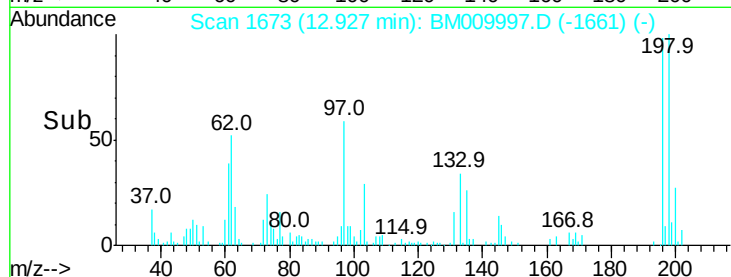
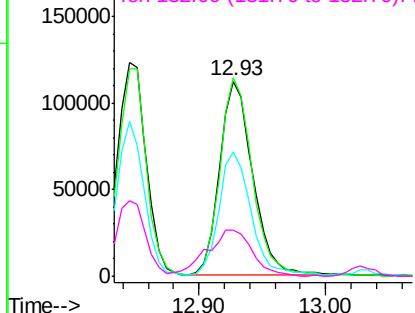
#43  
 2,4,5-Trichlorophenol  
 Concen: 46.29 ng  
 RT: 12.93 min Scan# 1673  
 Delta R.T. -0.03 min  
 Lab File: BM009997.D  
 Acq: 11 May 2017 22:42

Instrument :  
 BNA\_M  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 101.6 | 79.4  | 119.0 |
| 97      | 63.5  | 26.8  | 40.2  |
| 132     | 23.4  | 18.6  | 28.0  |

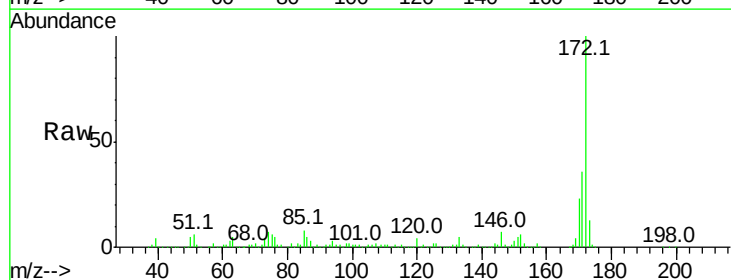


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BM  
 Ion 132.00 (131.70 to 132.70): E

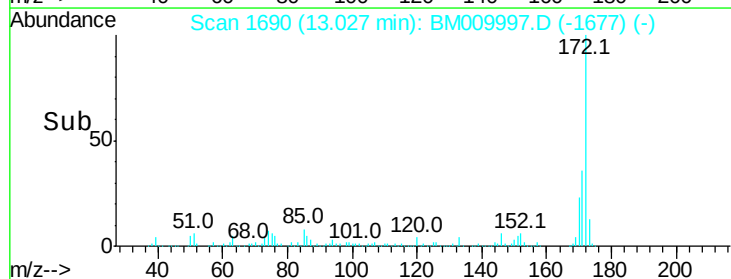
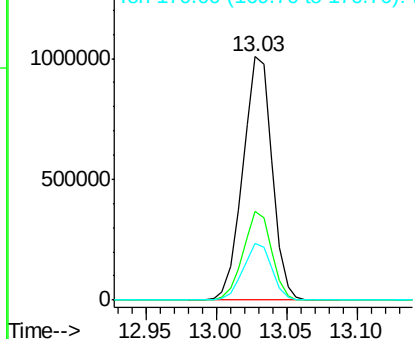


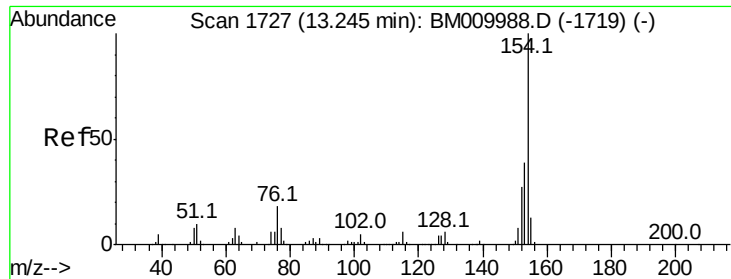
#44  
 2-Fluorobiphenyl  
 Concen: 108.31 ng  
 RT: 13.03 min Scan# 1690  
 Delta R.T. -0.02 min  
 Lab File: BM009997.D  
 Acq: 11 May 2017 22:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.4  | 28.5  | 42.7  |
| 170     | 23.2  | 18.8  | 28.2  |



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

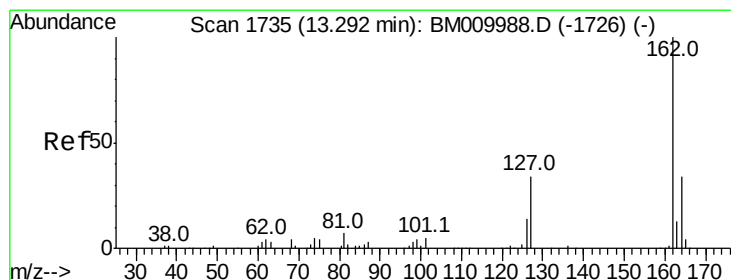
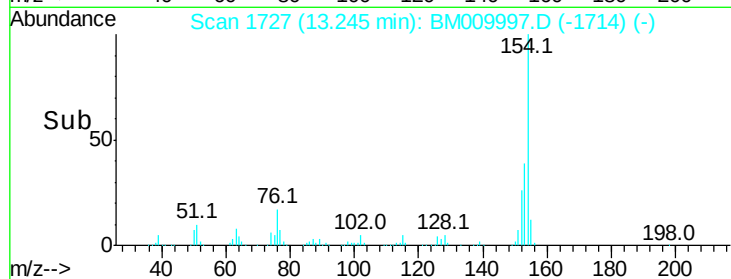
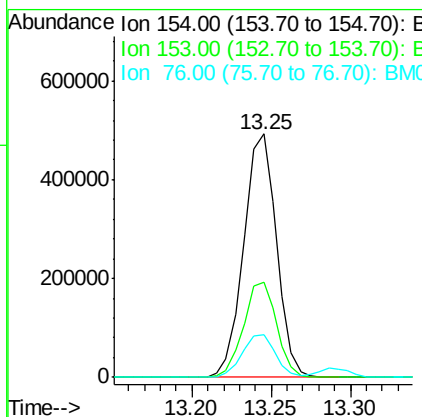
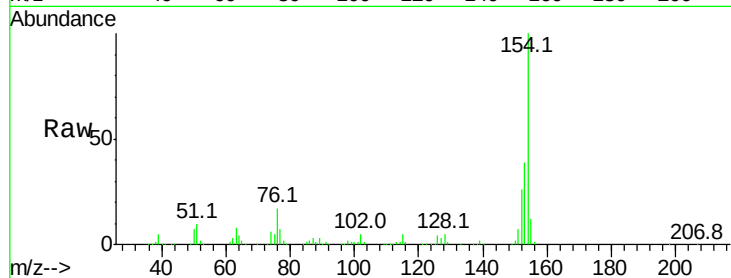




#45  
 1,1'-Biphenyl  
 Concen: 47.14 ng  
 RT: 13.25 min Scan# 1727  
 Delta R.T. -0.02 min  
 Lab File: BM009997.D  
 Acq: 11 May 2017 22:42

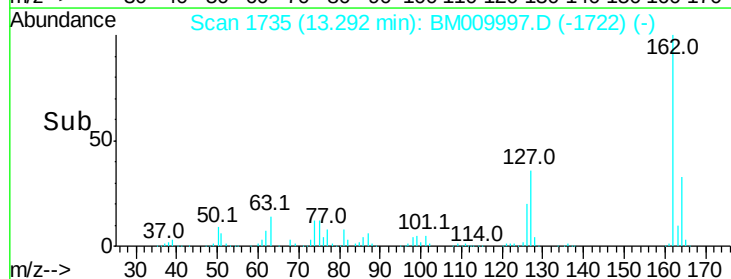
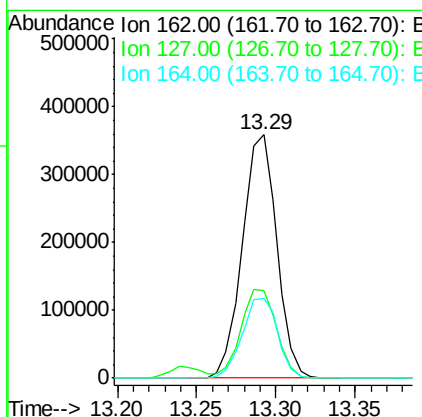
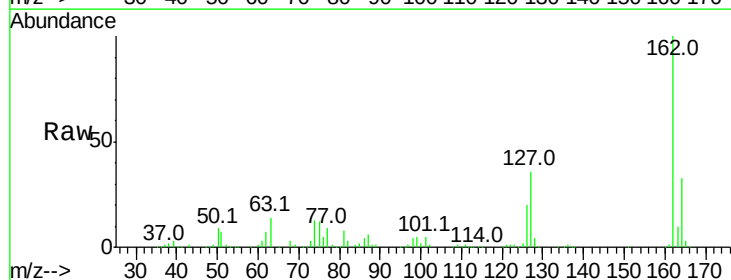
Instrument :  
 BNA\_M  
 ClientSampleId :

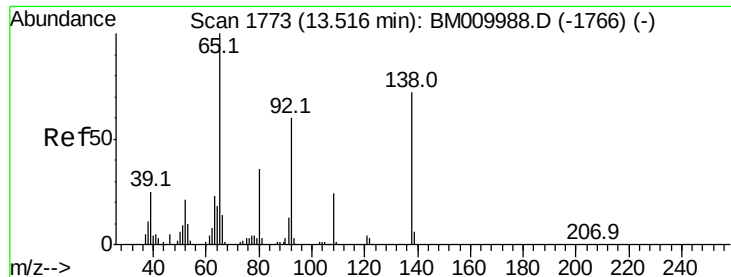
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 39.3  | 20.7  | 60.7  |
| 76      | 17.4  | 0.0   | 30.9  |



#46  
 2-Chloronaphthalene  
 Concen: 45.99 ng  
 RT: 13.29 min Scan# 1735  
 Delta R.T. -0.02 min  
 Lab File: BM009997.D  
 Acq: 11 May 2017 22:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 36.0  | 26.9  | 40.3  |
| 164     | 32.8  | 26.8  | 40.2  |





#47

2-Nitroaniline

Concen: 48.91 ng

RT: 13.52 min Scan# 1773

Delta R.T. -0.02 min

Lab File: BM009997.D

Acq: 11 May 2017 22:42

Instrument :

BNA\_M

ClientSampled :

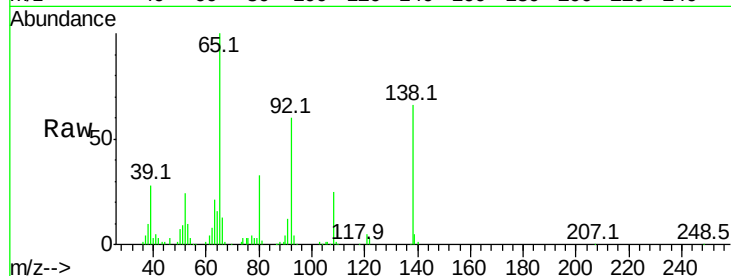
Tot Ion: 65 Resp: 260867

Ion Ratio Lower Upper

65 100

92 59.7 59.1 88.7

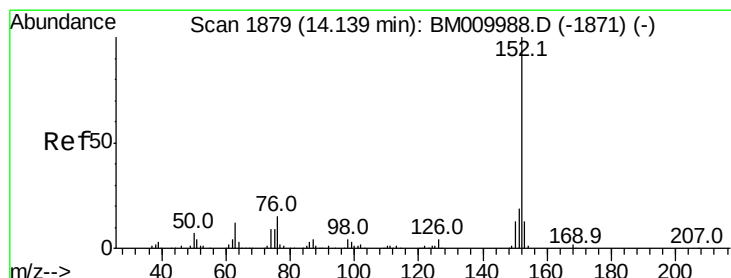
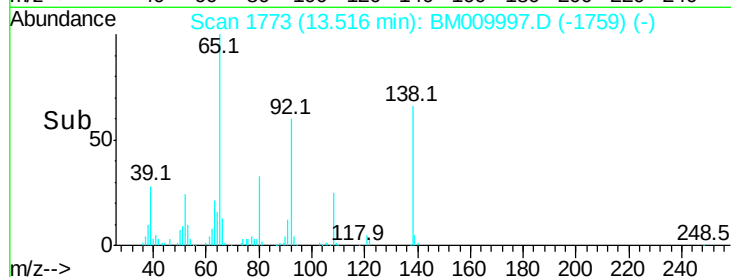
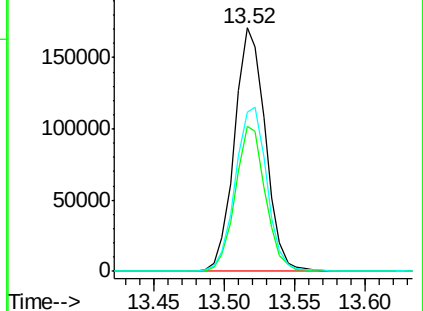
138 65.5 93.9 140.9#



Abundance Ion 65.00 (64.70 to 65.70): BM009997.D (-1766) (-)

Ion 92.00 (91.70 to 92.70): BM009997.D (-1766) (-)

Ion 138.00 (137.70 to 138.70): BM009997.D (-1766) (-)



#48

Acenaphthylene

Concen: 48.08 ng

RT: 14.14 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BM009997.D

Acq: 11 May 2017 22:42

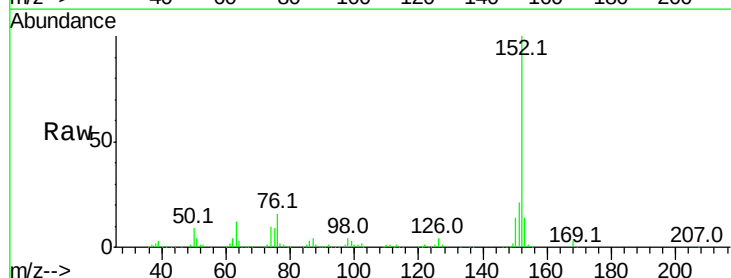
Tgt Ion: 152 Resp: 892031

Ion Ratio Lower Upper

152 100

151 20.5 15.9 23.9

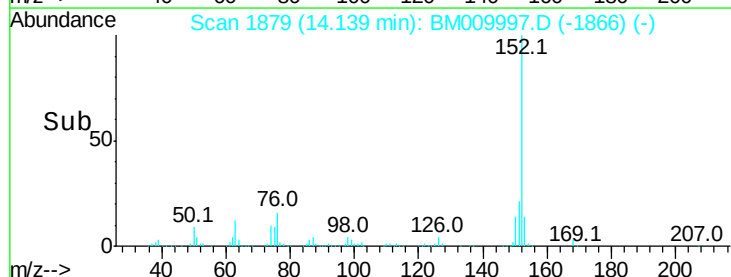
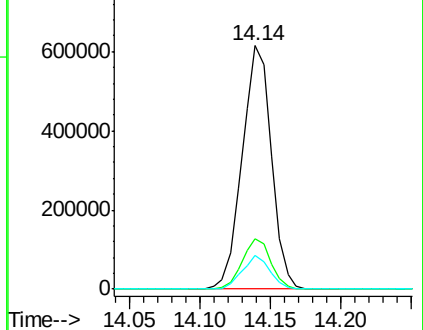
153 13.7 10.6 16.0

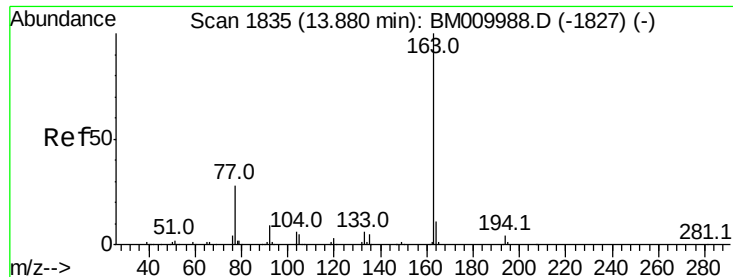


Abundance Ion 152.00 (151.70 to 152.70): BM009997.D (-1866) (-)

Ion 151.00 (150.70 to 151.70): BM009997.D (-1866) (-)

Ion 153.00 (152.70 to 153.70): BM009997.D (-1866) (-)

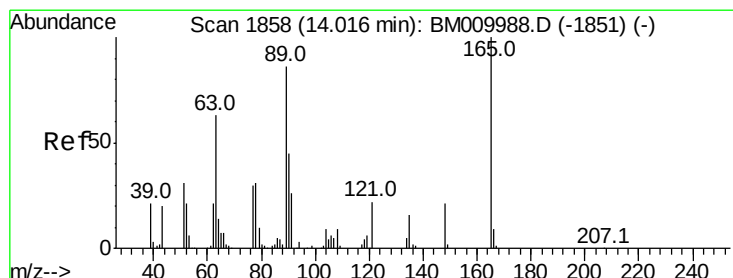
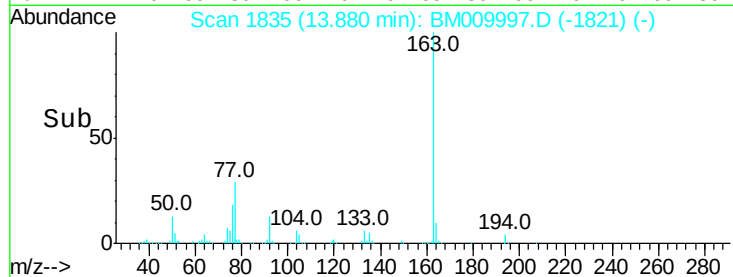
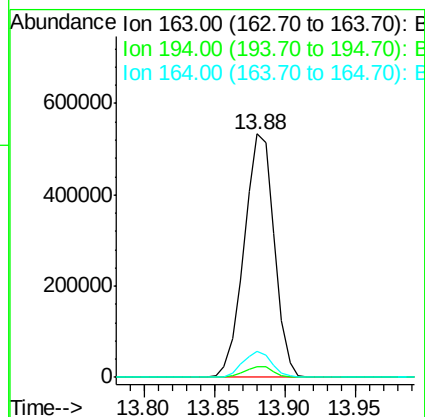
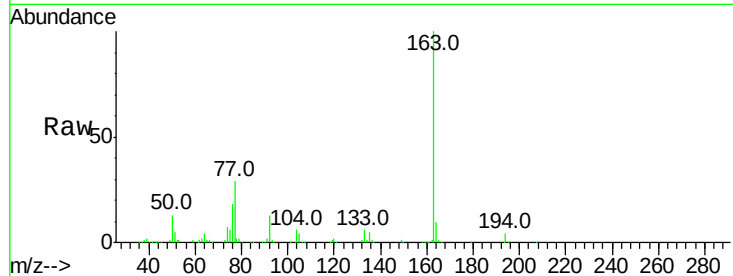




#49  
Dimethylphthalate  
Concen: 50.12 ng  
RT: 13.88 min Scan# 1835  
Delta R.T. -0.02 min  
Lab File: BM009997.D  
Acq: 11 May 2017 22:42

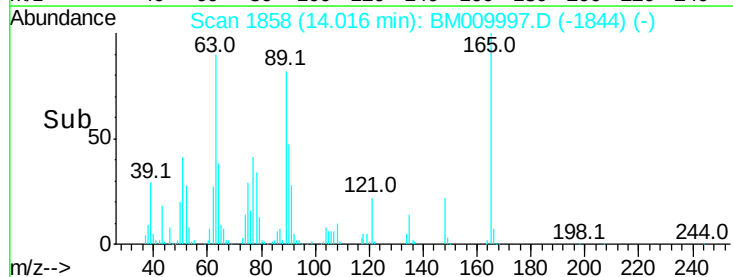
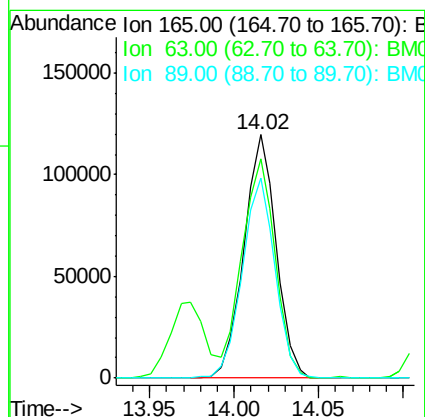
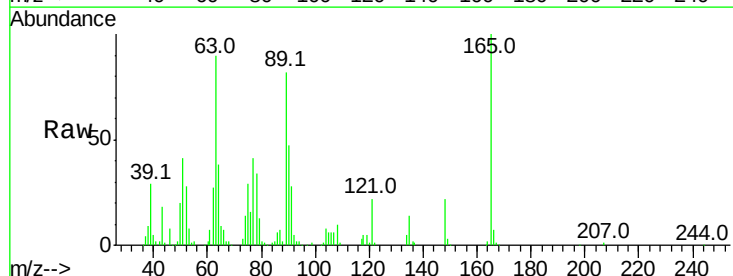
Instrument :  
BNA\_M  
ClientSampleId :

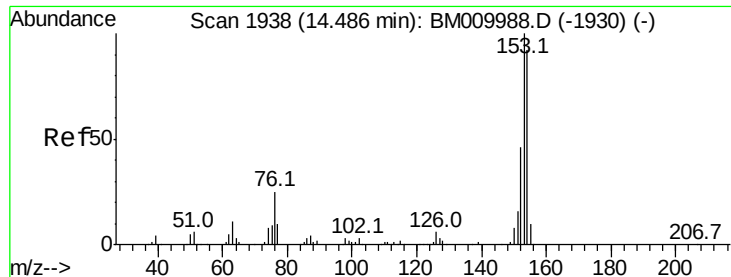
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.2   | 2.7   | 4.1#  |
| 164     | 10.4  | 8.2   | 12.2  |



#50  
2,6-Dinitrotoluene  
Concen: 49.37 ng  
RT: 14.02 min Scan# 1858  
Delta R.T. -0.02 min  
Lab File: BM009997.D  
Acq: 11 May 2017 22:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 90.3  | 44.1  | 66.1# |
| 89      | 82.4  | 44.3  | 66.5# |





#51

Acenaphthene

Concen: 47.65 ng

RT: 14.48 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BM009997.D

Acq: 11 May 2017 22:42

Instrument :

BNA\_M

ClientSampled :

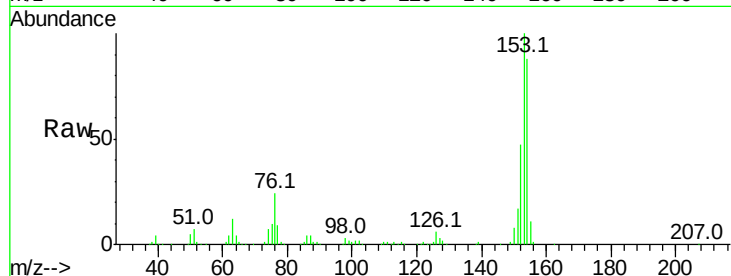
Tot Ion:154 Resp: 557115

Ion Ratio Lower Upper

154 100

153 113.1 90.0 135.0

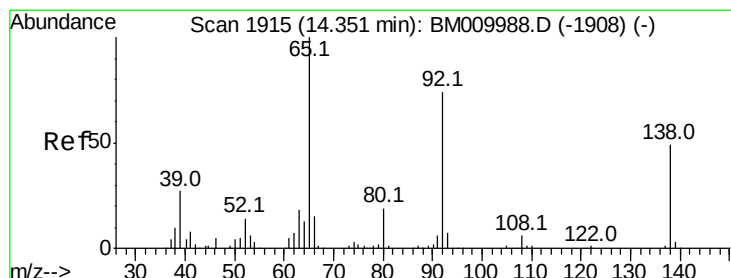
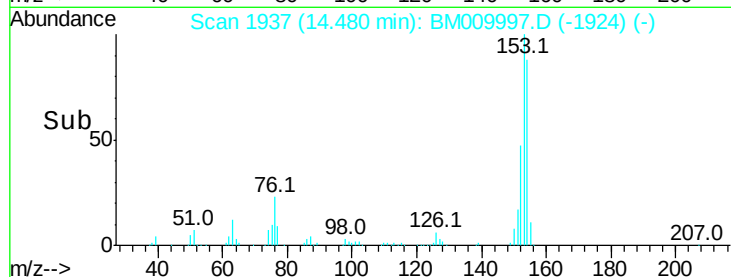
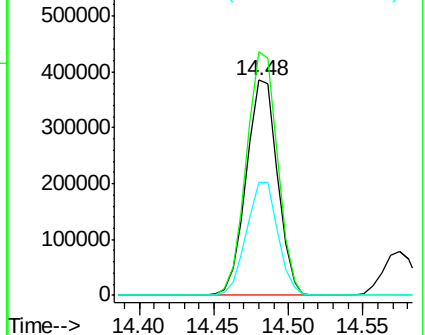
152 52.6 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.99 ng

RT: 14.35 min Scan# 1915

Delta R.T. -0.02 min

Lab File: BM009997.D

Acq: 11 May 2017 22:42

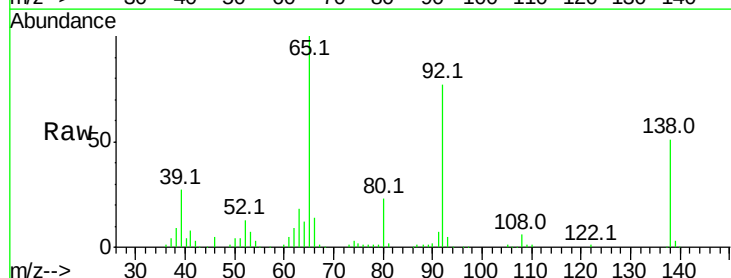
Tgt Ion:138 Resp: 133268

Ion Ratio Lower Upper

138 100

108 12.3 7.3 10.9#

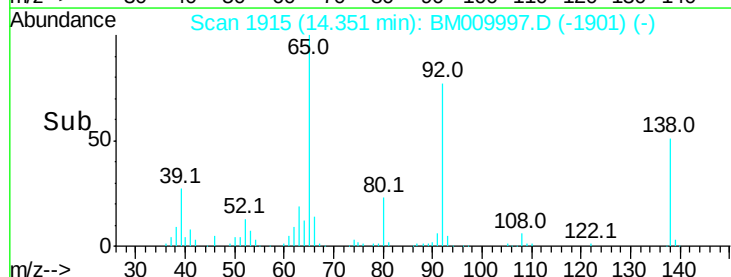
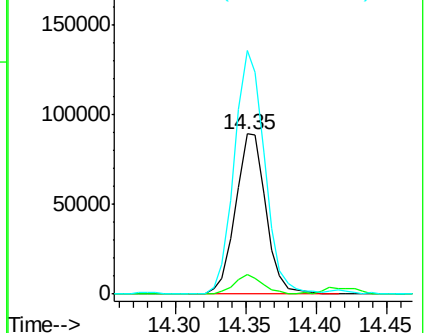
92 152.1 76.6 114.8#

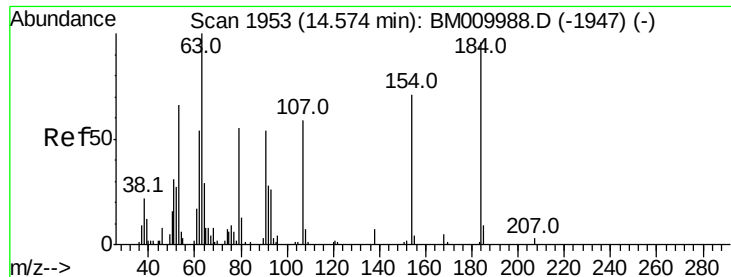


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

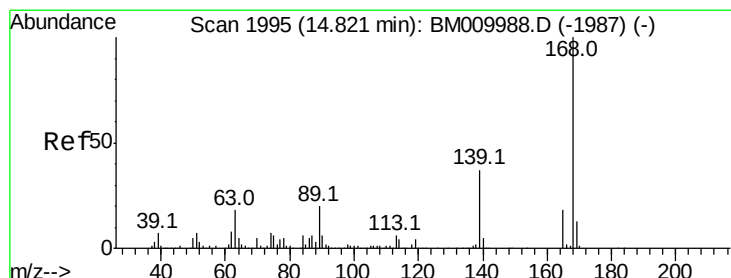
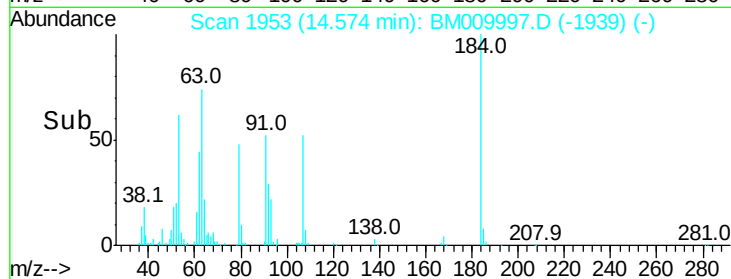
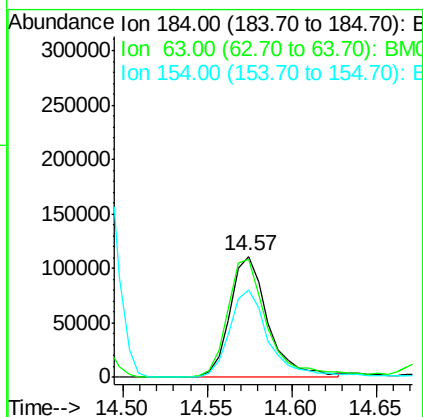
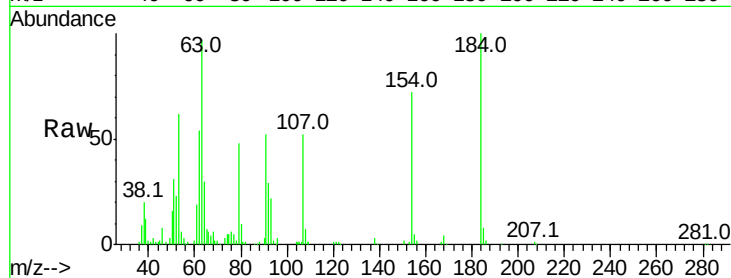




#53  
2,4-Dinitrophenol  
Concen: 89.98 ng  
RT: 14.57 min Scan# 1953  
Delta R.T. -0.02 min  
Lab File: BM009997.D  
Acq: 11 May 2017 22:42

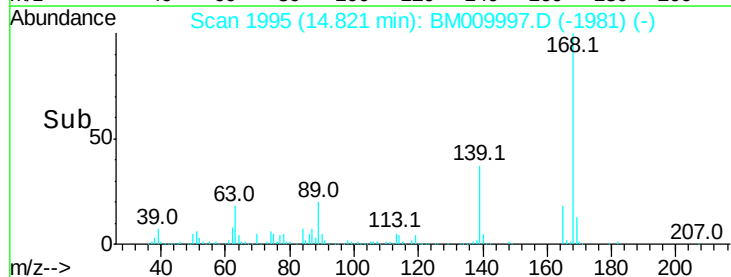
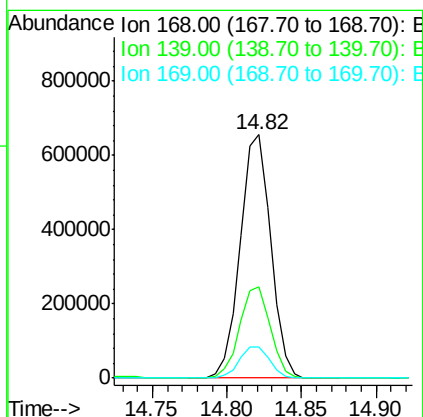
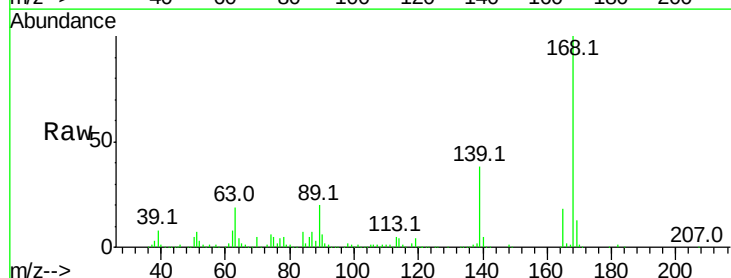
Instrument :  
BNA\_M  
ClientSampled :

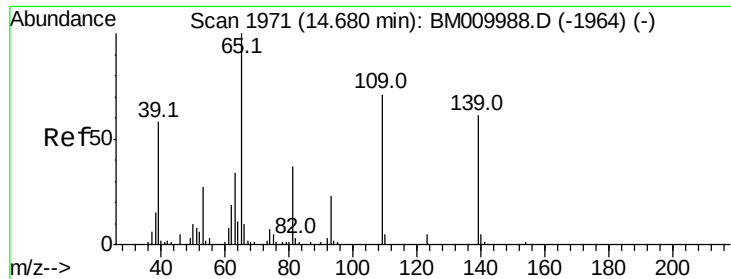
Tot Ion:184 Resp: 174722  
Ion Ratio Lower Upper  
184 100  
63 97.5 69.2 103.8  
154 71.7 53.3 79.9



#54  
Dibenzofuran  
Concen: 52.02 ng  
RT: 14.82 min Scan# 1995  
Delta R.T. -0.02 min  
Lab File: BM009997.D  
Acq: 11 May 2017 22:42

Tgt Ion:168 Resp: 931640  
Ion Ratio Lower Upper  
168 100  
139 37.6 27.3 40.9  
169 12.9 10.6 16.0

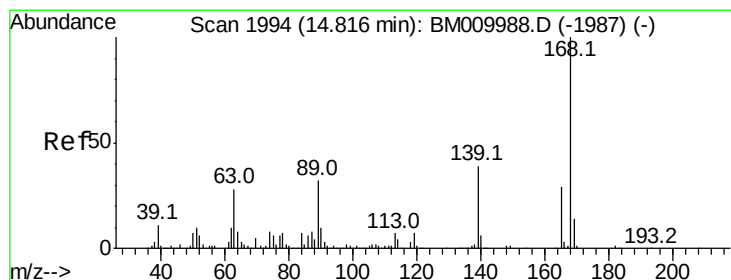
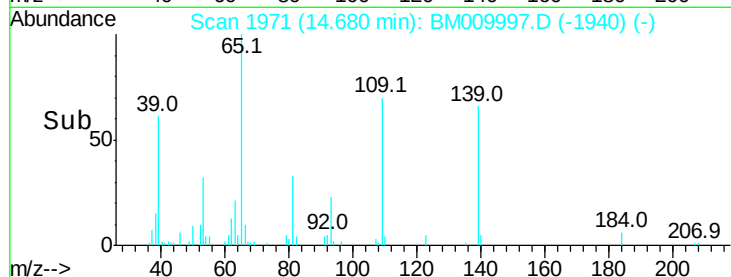
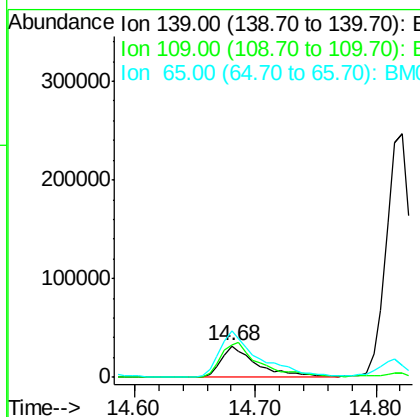
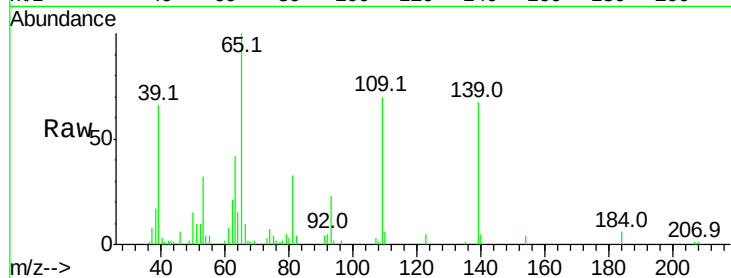




#55  
4-Nitrophenol  
Concen: 28.82 ng  
RT: 14.68 min Scan# 1971  
Delta R.T. -0.02 min  
Lab File: BM009997.D  
Acq: 11 May 2017 22:42

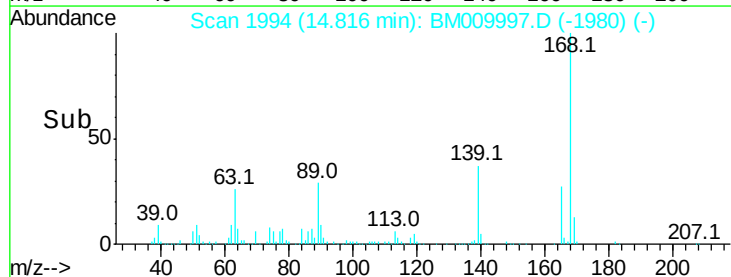
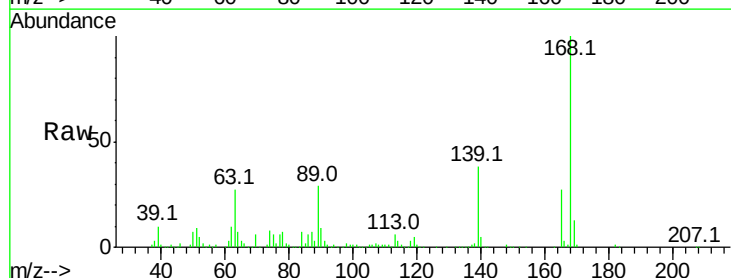
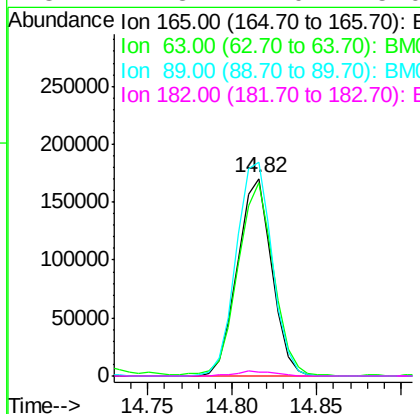
Instrument :  
BNA\_M  
ClientSampleId :

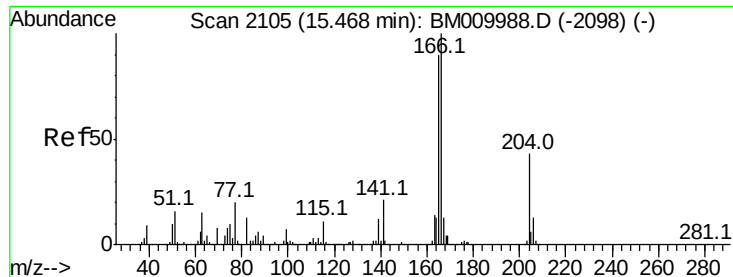
Tot Ion:139 Resp: 65962  
Ion Ratio Lower Upper  
139 100  
109 103.8 37.7 77.7#  
65 148.5 49.9 89.9#



#56  
2,4-Dinitrotoluene  
Concen: 50.78 ng  
RT: 14.82 min Scan# 1994  
Delta R.T. -0.02 min  
Lab File: BM009997.D  
Acq: 11 May 2017 22:42

Tgt Ion:165 Resp: 241765  
Ion Ratio Lower Upper  
165 100  
63 97.8 52.4 78.6#  
89 108.0 72.4 108.6  
182 2.3 2.0 3.0





#57

Fluorene

Concen: 49.30 ng

RT: 15.47 min Scan# 2106

Delta R.T. -0.02 min

Lab File: BM009997.D

Acq: 11 May 2017 22:42

Instrument :

BNA\_M

ClientSampleId :

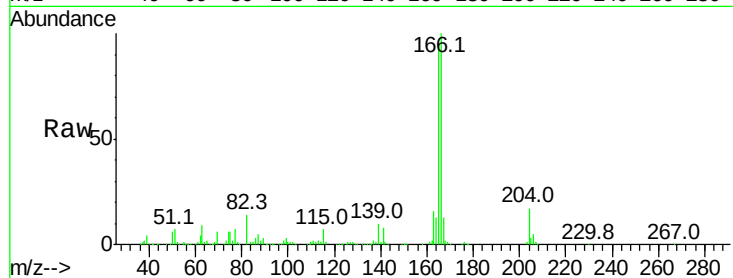
Tot Ion:166 Resp: 778527

Ion Ratio Lower Upper

166 100

165 95.2 79.0 118.4

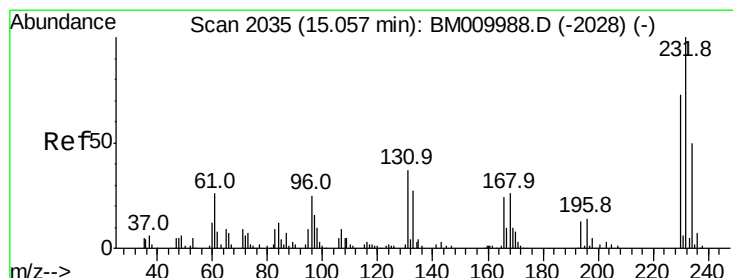
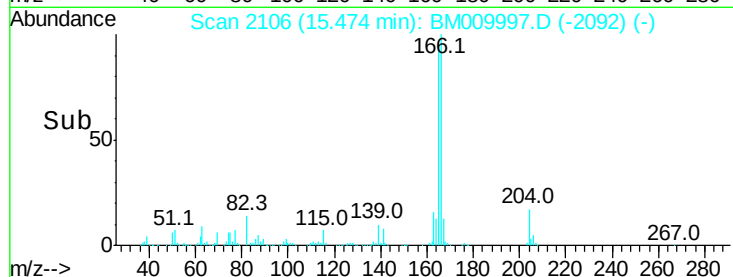
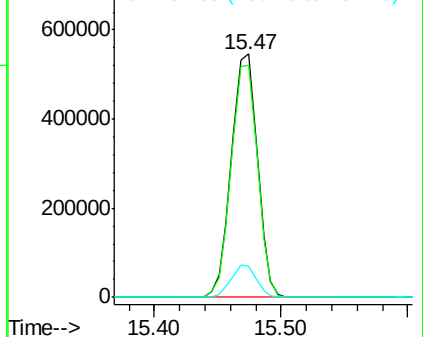
167 12.9 10.3 15.5



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.75 ng

RT: 15.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BM009997.D

Acq: 11 May 2017 22:42

Tgt Ion:232 Resp: 196049

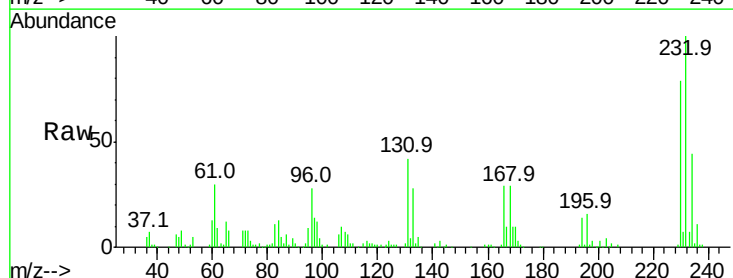
Ion Ratio Lower Upper

232 100

131 42.9 0.0 0.0#

130 2.6 0.0 0.0#

166 29.0 0.0 0.0#

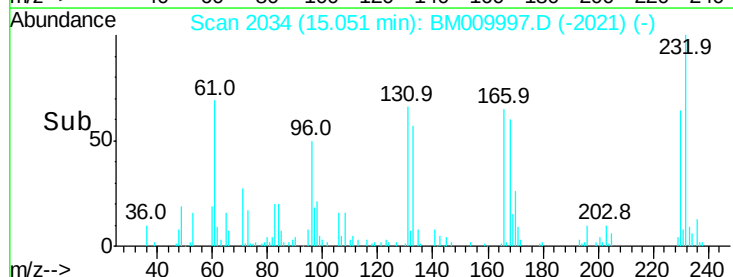
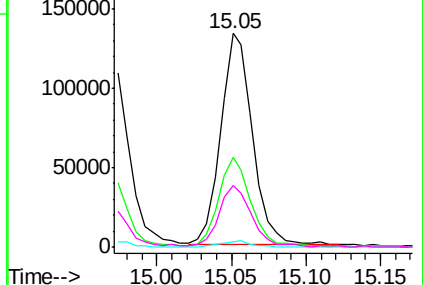


Abundance Ion 232.00 (231.70 to 232.70): E

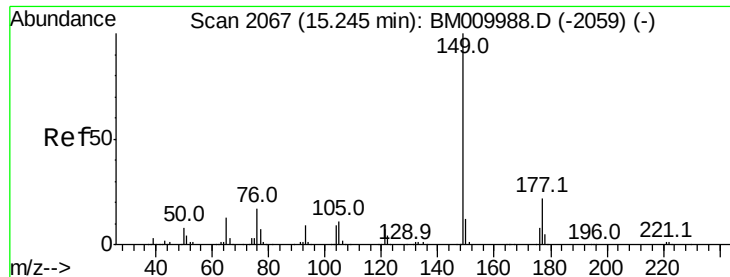
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



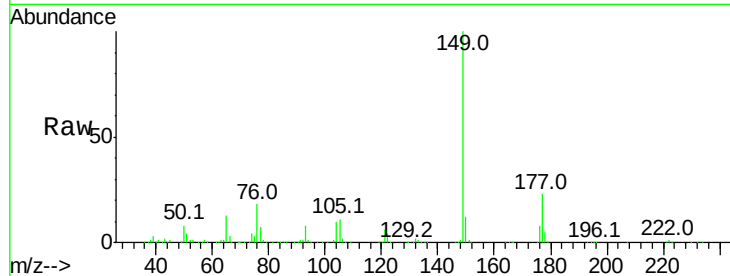




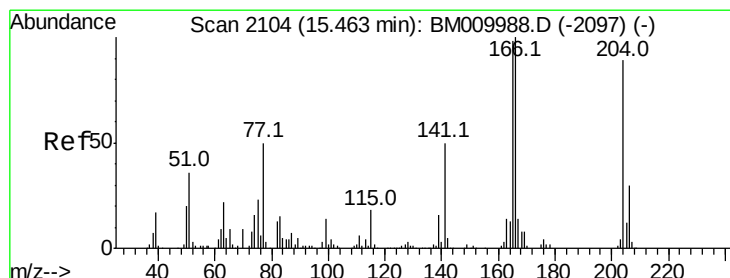
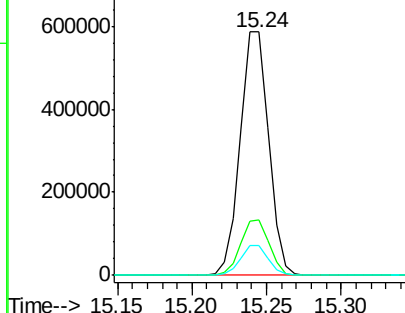
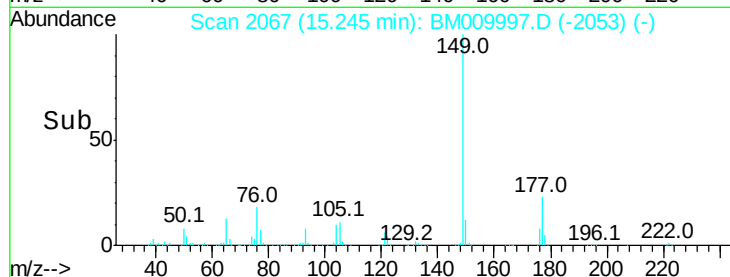
#59  
Diethylphthalate  
Concen: 46.64 ng  
RT: 15.24 min Scan# 2067  
Delta R.T. -0.02 min  
Lab File: BM009997.D  
Acq: 11 May 2017 22:42

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.8  | 18.3  | 27.5  |
| 150     | 12.4  | 9.8   | 14.8  |

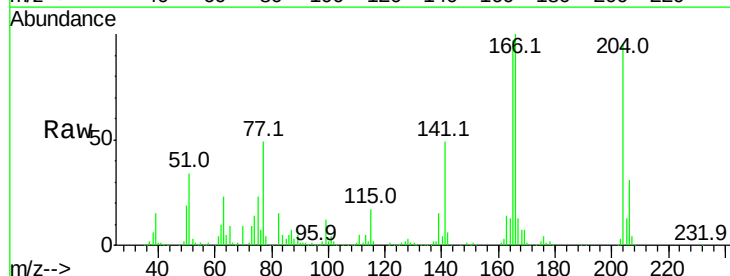


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

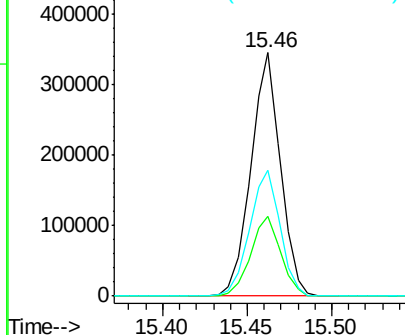
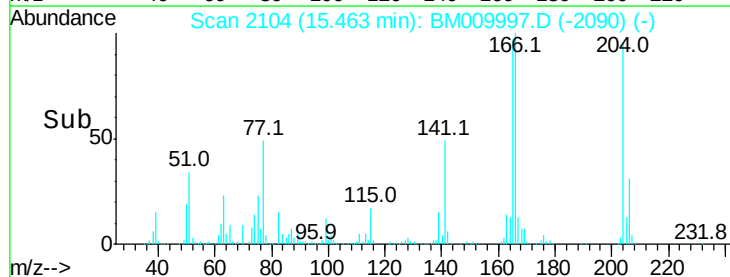


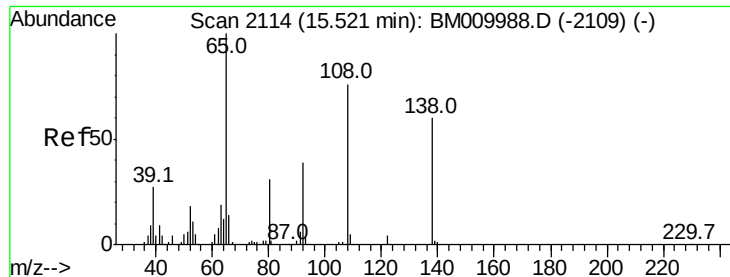
#60  
4-Chlorophenyl-phenylether  
Concen: 48.65 ng  
RT: 15.46 min Scan# 2104  
Delta R.T. -0.02 min  
Lab File: BM009997.D  
Acq: 11 May 2017 22:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.5  | 26.6  | 39.8  |
| 141     | 51.9  | 45.2  | 67.8  |



Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

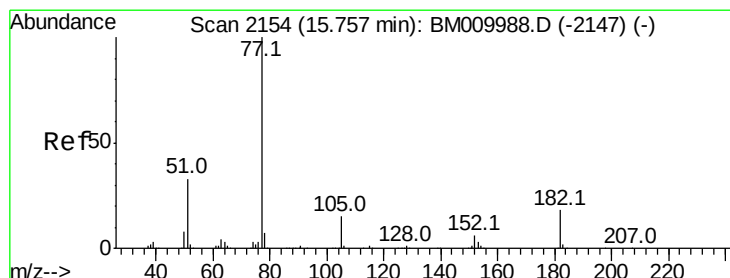
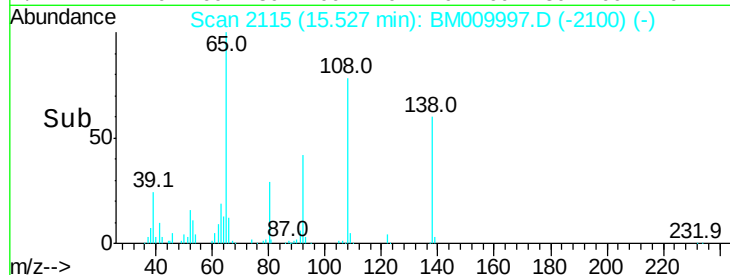
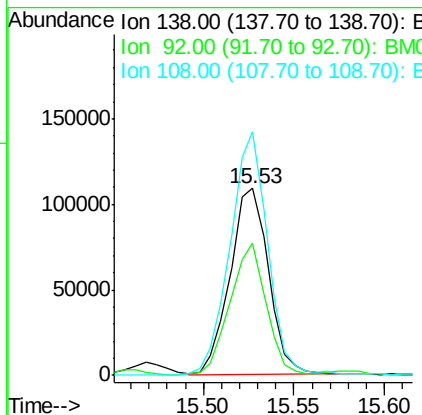
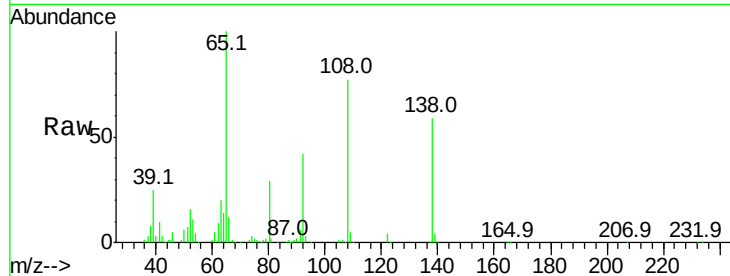




#61  
4-Nitroaniline  
Concen: 46.20 ng  
RT: 15.53 min Scan# 2115  
Delta R.T. -0.01 min  
Lab File: BM009997.D  
Acq: 11 May 2017 22:42

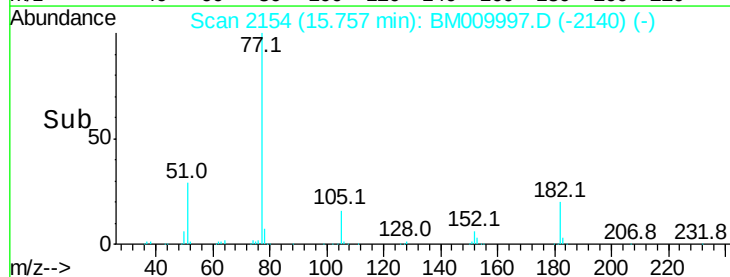
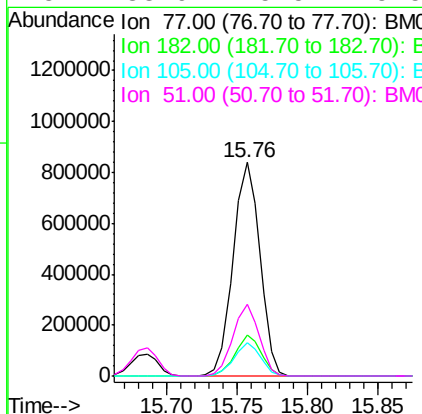
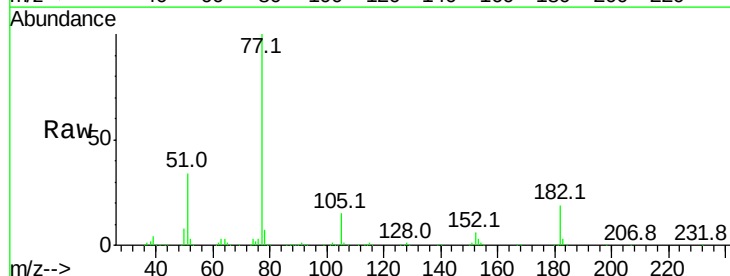
Instrument :  
BNA\_M  
ClientSampleId :

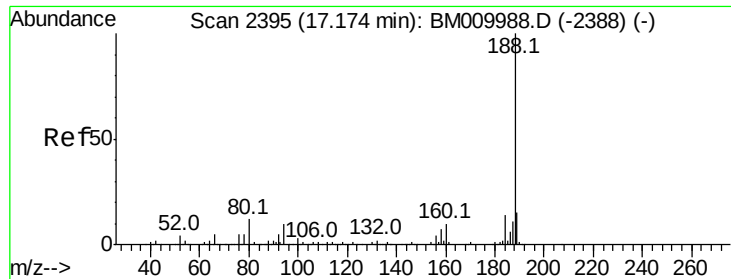
Tot Ion:138 Resp: 160867  
Ion Ratio Lower Upper  
138 100  
92 70.4 16.7 56.7#  
108 130.2 37.6 77.6#



#62  
Azobenzene  
Concen: 55.06 ng  
RT: 15.76 min Scan# 2154  
Delta R.T. -0.02 min  
Lab File: BM009997.D  
Acq: 11 May 2017 22:42

Tgt Ion: 77 Resp: 1113799  
Ion Ratio Lower Upper  
77 100  
182 19.1 6.5 46.5  
105 15.4 3.8 43.8  
51 33.9 5.5 45.5

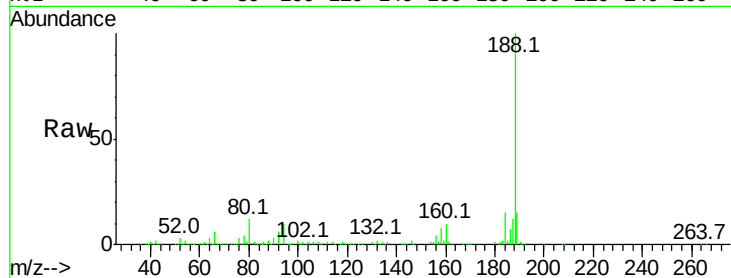




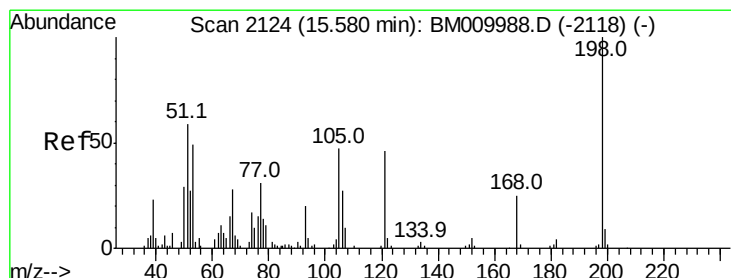
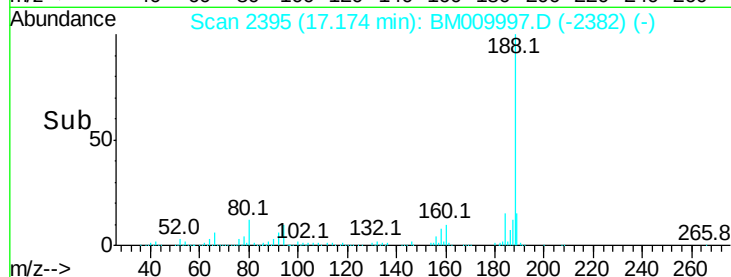
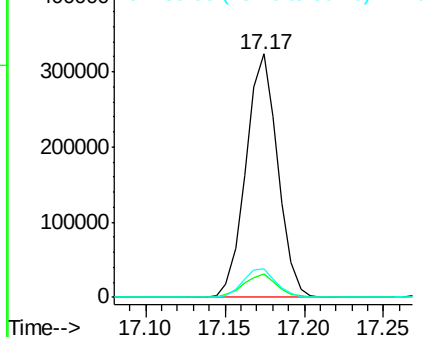
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.17 min Scan# 2395  
Delta R.T. -0.02 min  
Lab File: BM009997.D  
Acq: 11 May 2017 22:42

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:188 Resp: 450906  
Ion Ratio Lower Upper  
188 100  
94 9.7 8.7 13.1  
80 11.9 9.3 13.9

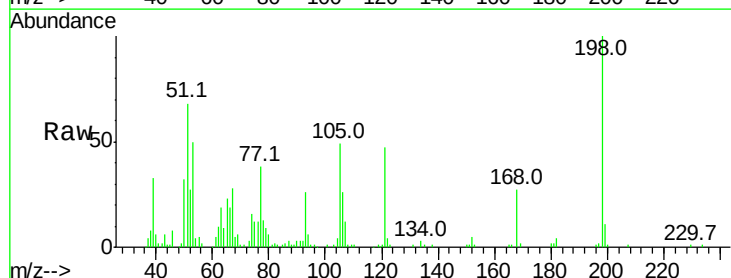


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BM0  
Ion 80.00 (79.70 to 80.70): BM0

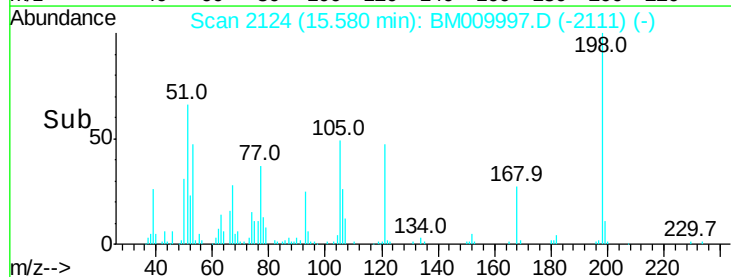
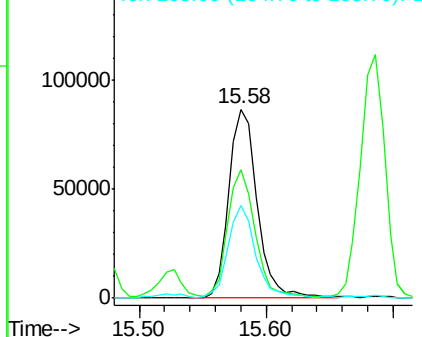


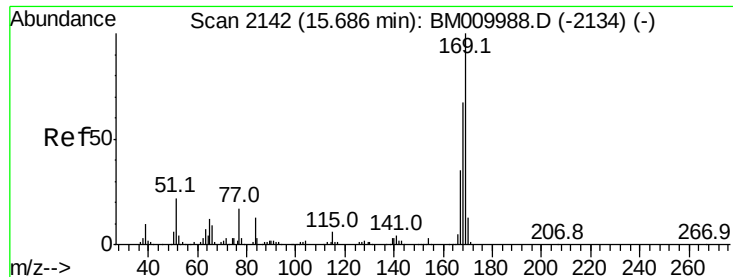
#64  
4,6-Dinitro-2-methylphenol  
Concen: 45.69 ng  
RT: 15.58 min Scan# 2124  
Delta R.T. -0.02 min  
Lab File: BM009997.D  
Acq: 11 May 2017 22:42

Tgt Ion:198 Resp: 134136  
Ion Ratio Lower Upper  
198 100  
51 68.1 28.8 68.8  
105 49.3 30.5 70.5



Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BM0  
Ion 105.00 (104.70 to 105.70): E

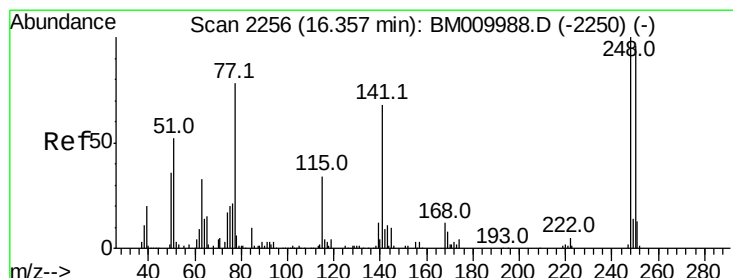
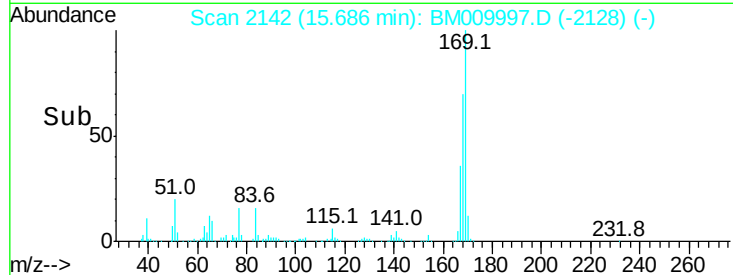
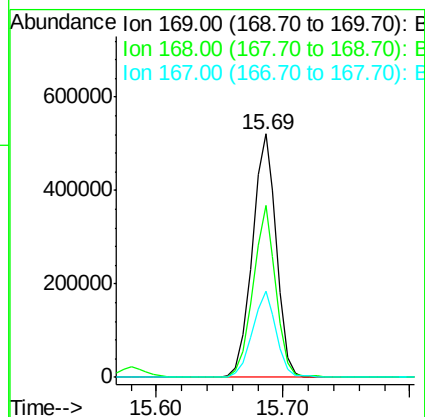
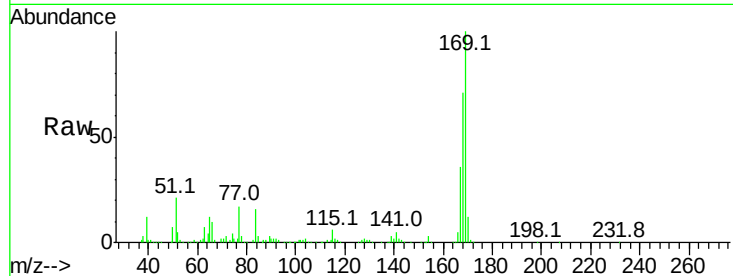




#65  
 n-Nitrosodiphenylamine  
 Concen: 48.83 ng  
 RT: 15.69 min Scan# 2142  
 Delta R.T. -0.02 min  
 Lab File: BM009997.D  
 Acq: 11 May 2017 22:42

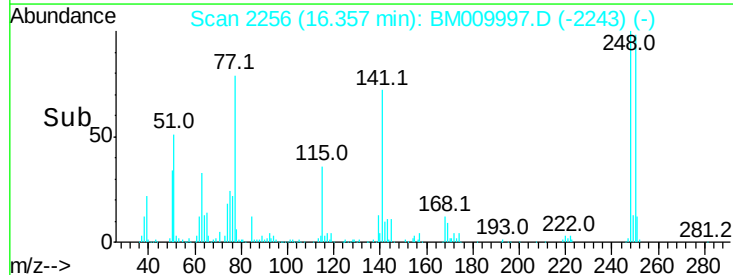
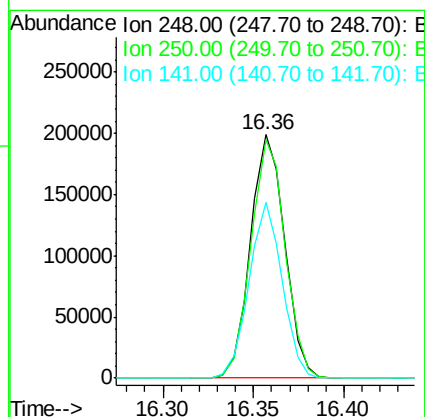
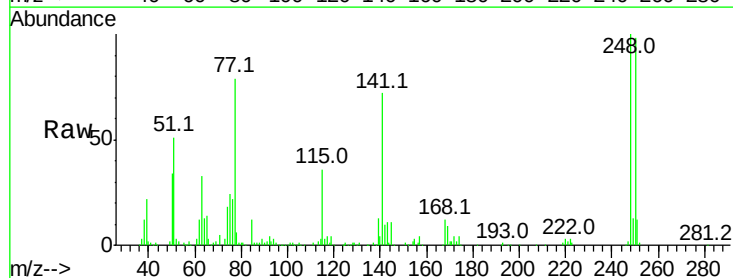
Instrument :  
 BNA\_M  
 ClientSampleId :

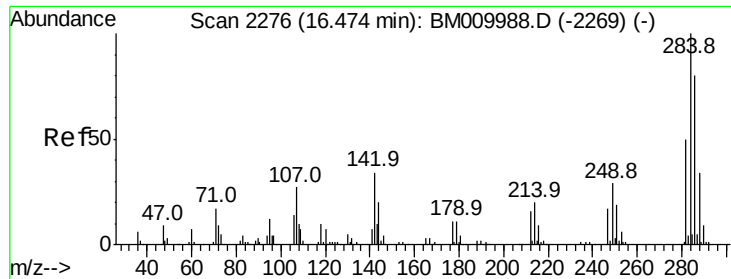
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 70.8  | 53.9  | 80.9  |
| 167     | 35.6  | 28.9  | 43.3  |



#66  
 4-Bromophenyl-phenylether  
 Concen: 48.67 ng  
 RT: 16.36 min Scan# 2256  
 Delta R.T. -0.02 min  
 Lab File: BM009997.D  
 Acq: 11 May 2017 22:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.1  | 77.4  | 116.0 |
| 141     | 72.3  | 45.2  | 67.8  |





#67

Hexachlorobenzene

Concen: 46.65 ng

RT: 16.47 min Scan# 2276

Delta R.T. -0.02 min

Lab File: BM009997.D

Acq: 11 May 2017 22:42

Instrument :

BNA\_M

ClientSampleId :

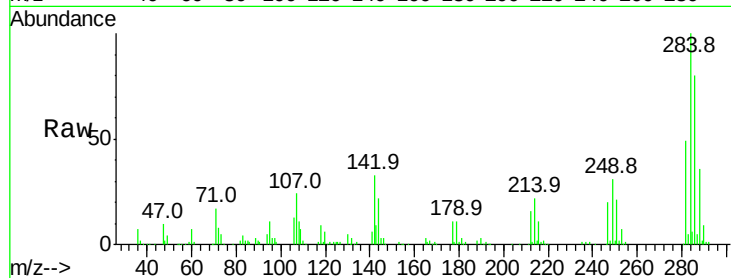
Tot Ion:284 Resp: 277261

Ion Ratio Lower Upper

284 100

142 32.6 20.4 30.6#

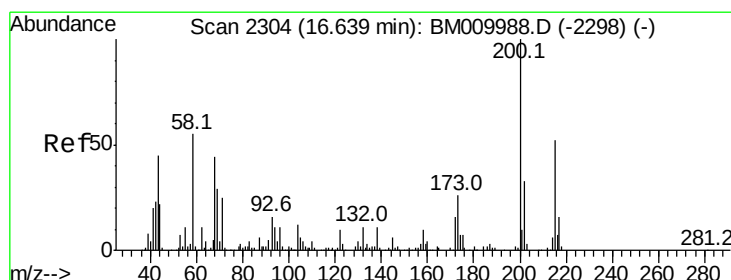
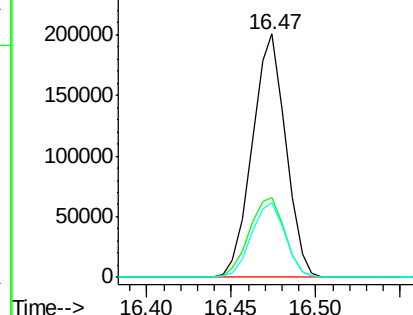
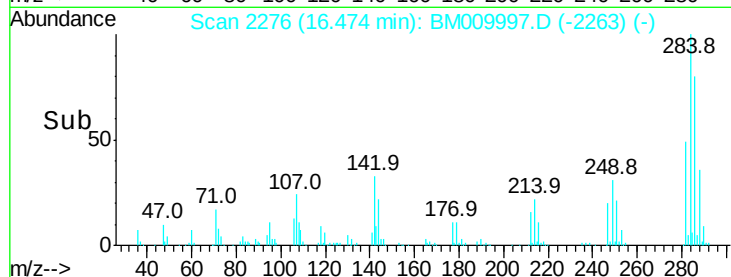
249 30.7 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 50.23 ng

RT: 16.64 min Scan# 2304

Delta R.T. -0.02 min

Lab File: BM009997.D

Acq: 11 May 2017 22:42

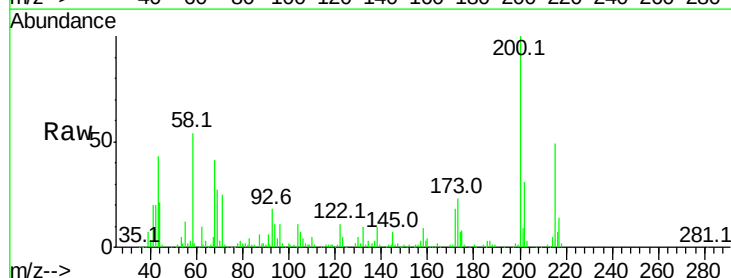
Tgt Ion:200 Resp: 256864

Ion Ratio Lower Upper

200 100

173 22.7 4.8 44.8

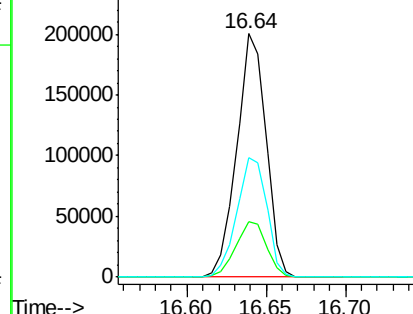
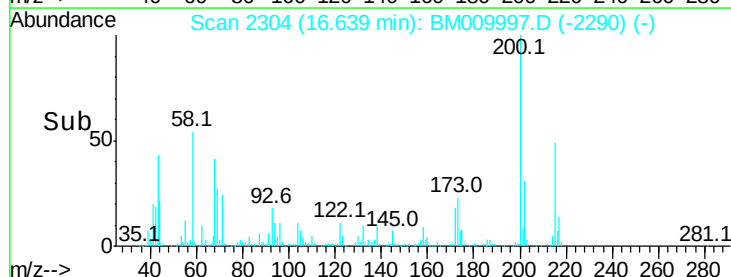
215 49.1 26.9 66.9

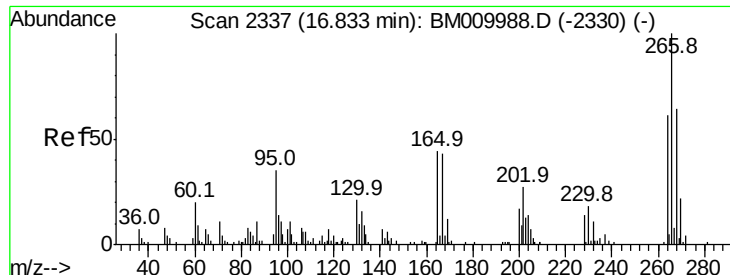


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 86.63 ng

RT: 16.83 min Scan# 2336

Delta R.T. -0.02 min

Lab File: BM009997.D

Acq: 11 May 2017 22:42

Instrument :

BNA\_M

ClientSampled :

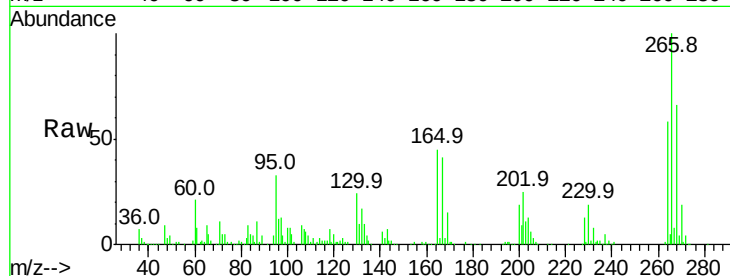
Tot Ion:266 Resp: 253362

Ion Ratio Lower Upper

266 100

268 65.7 52.0 78.0

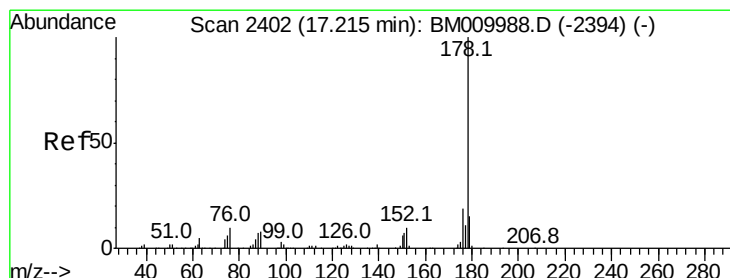
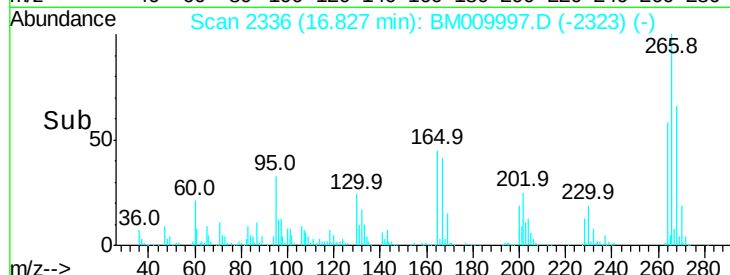
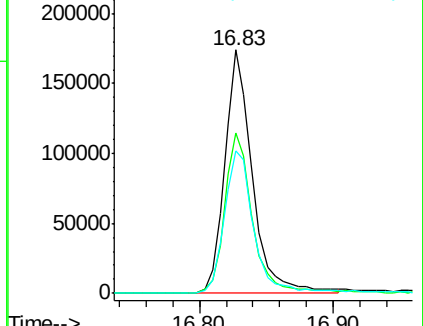
264 58.4 49.0 73.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 48.82 ng

RT: 17.22 min Scan# 2402

Delta R.T. -0.02 min

Lab File: BM009997.D

Acq: 11 May 2017 22:42

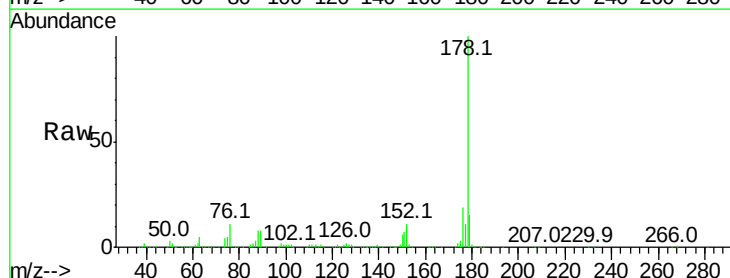
Tgt Ion:178 Resp: 1263617

Ion Ratio Lower Upper

178 100

176 18.7 15.2 22.8

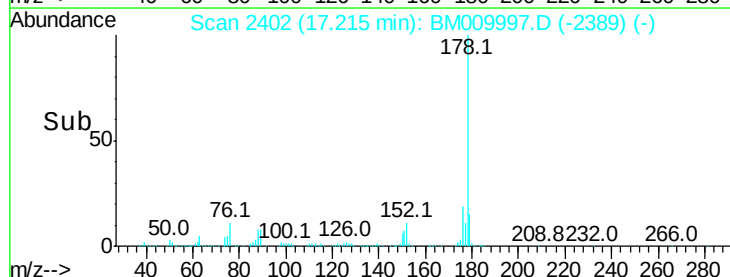
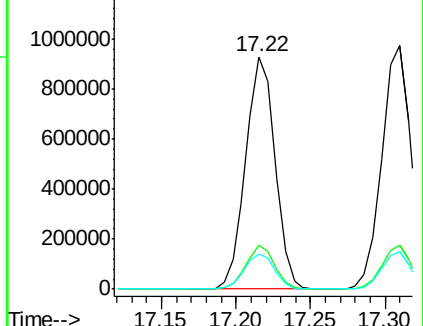
179 15.1 12.1 18.1

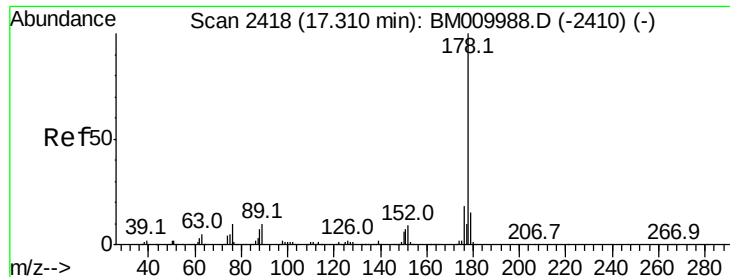


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

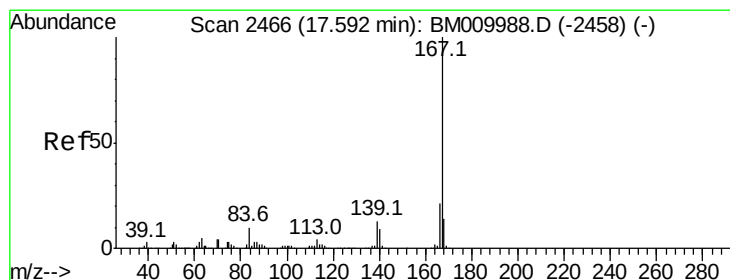
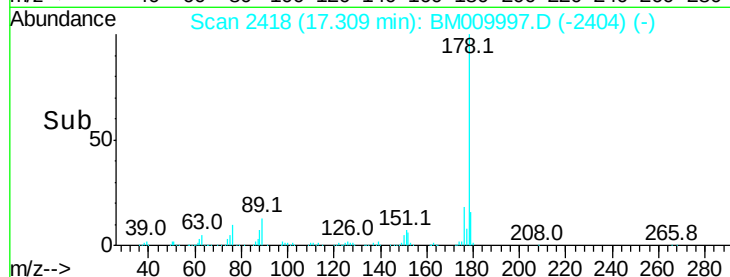
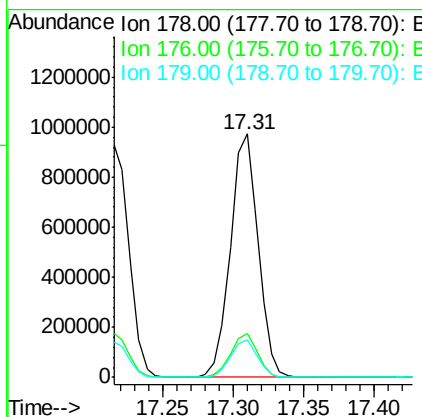
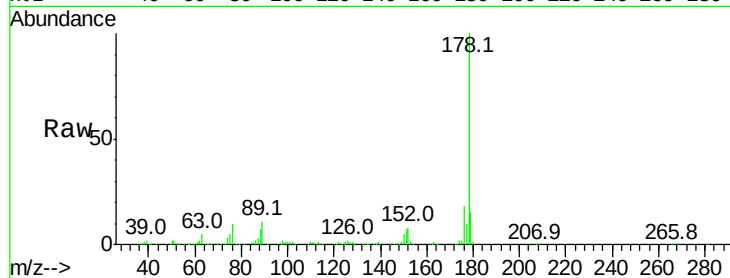




#71  
 Anthracene  
 Concen: 50.22 ng  
 RT: 17.31 min Scan# 2418  
 Delta R.T. -0.02 min  
 Lab File: BM009997.D  
 Acq: 11 May 2017 22:42

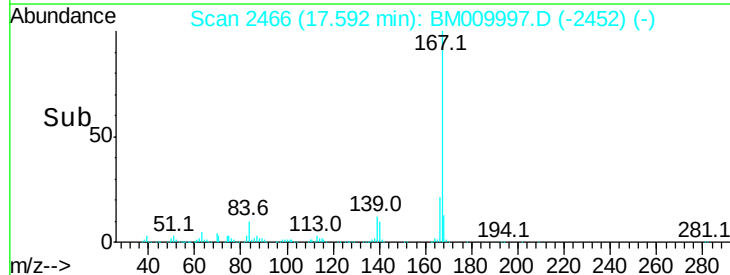
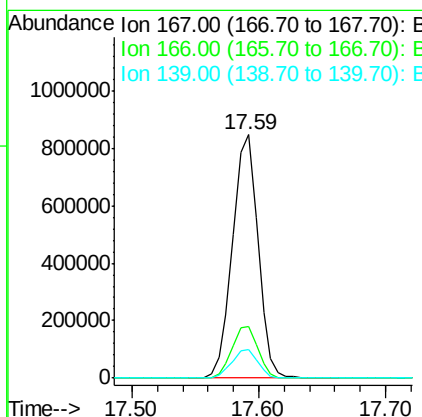
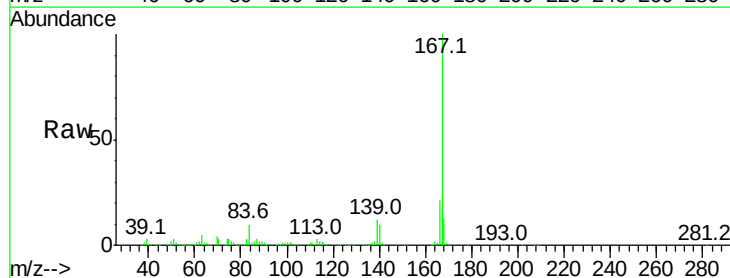
Instrument :  
 BNA\_M  
 ClientSampleId :

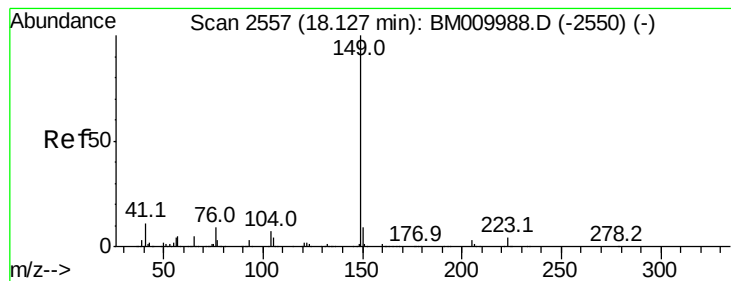
Tot Ion:178 Resp: 1325760  
 Ion Ratio Lower Upper  
 178 100  
 176 18.2 14.6 22.0  
 179 15.3 12.6 19.0



#72  
 Carbazole  
 Concen: 49.90 ng  
 RT: 17.59 min Scan# 2466  
 Delta R.T. -0.02 min  
 Lab File: BM009997.D  
 Acq: 11 May 2017 22:42

Tgt Ion:167 Resp: 1176013  
 Ion Ratio Lower Upper  
 167 100  
 166 21.3 17.2 25.8  
 139 11.6 10.8 16.2





#73

Di-n-butylphthalate

Concen: 48.09 ng

RT: 18.13 min Scan# 2557

Delta R.T. -0.02 min

Lab File: BM009997.D

Acq: 11 May 2017 22:42

Instrument :

BNA\_M

ClientSampleId :

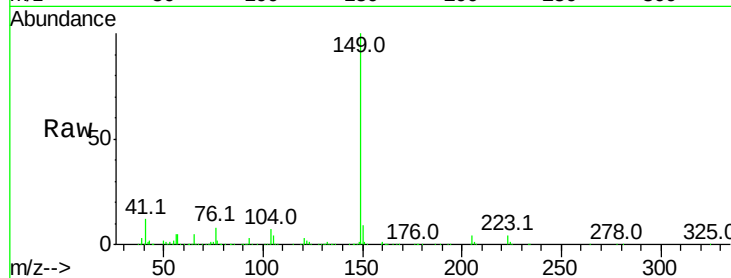
Tot Ion:149 Resp: 1441101

Ion Ratio Lower Upper

149 100

150 9.0 7.5 11.3

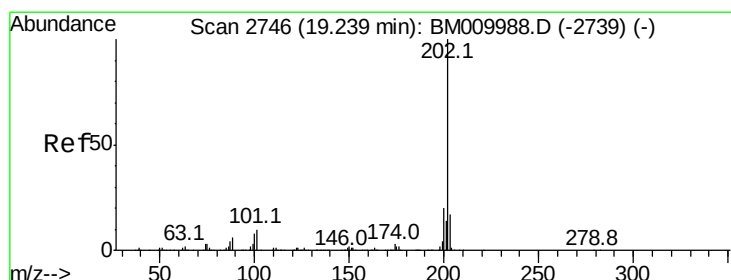
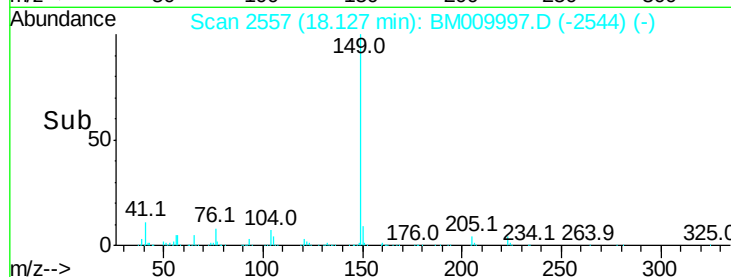
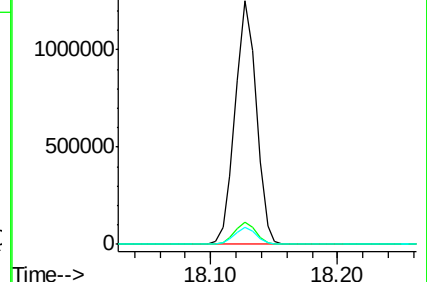
104 6.8 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.59 ng

RT: 19.24 min Scan# 2746

Delta R.T. -0.02 min

Lab File: BM009997.D

Acq: 11 May 2017 22:42

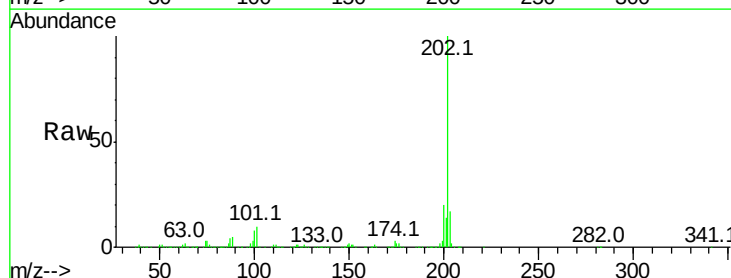
Tgt Ion:202 Resp: 1580225

Ion Ratio Lower Upper

202 100

101 10.1 0.0 28.7

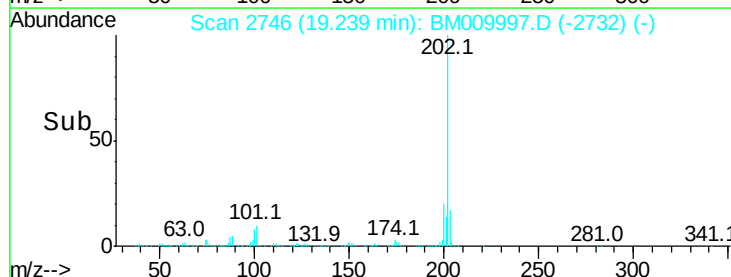
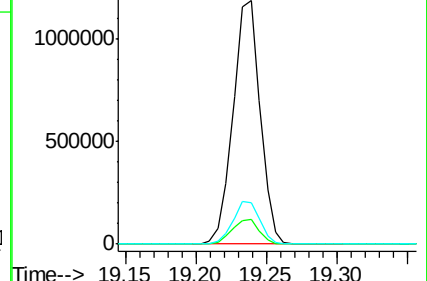
203 16.9 0.0 37.2



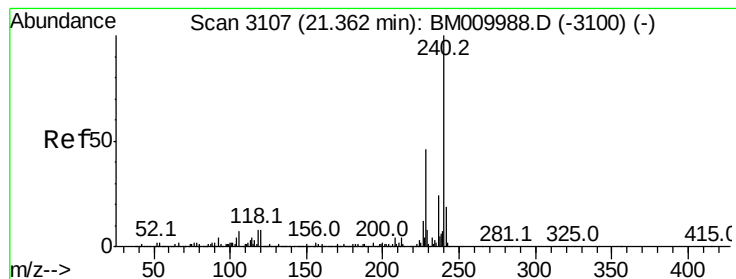
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E







#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3107

Delta R.T. -0.02 min

Lab File: BM009997.D

Acq: 11 May 2017 22:42

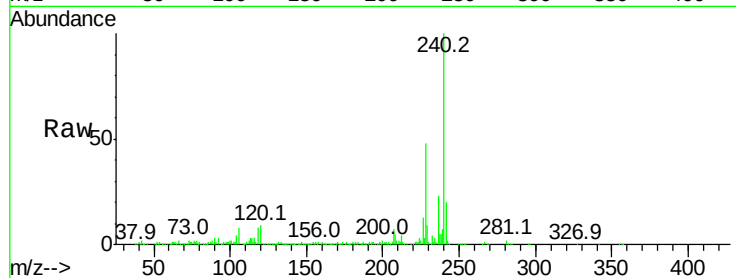
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:240 Resp: 539192

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 8.5   | 8.2   | 12.2  |
| 236 | 23.4  | 20.0  | 30.0  |

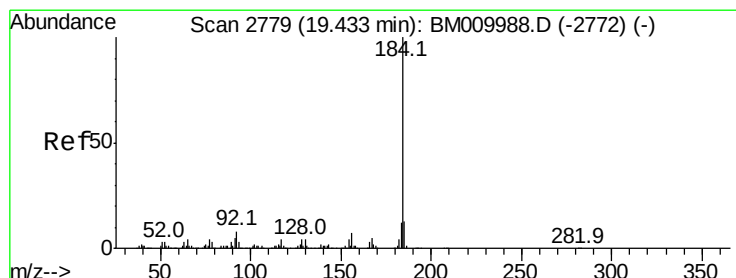
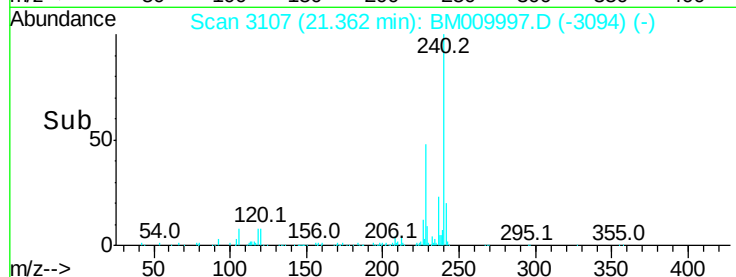


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



#76

Benzidine

Concen: 57.43 ng

RT: 19.43 min Scan# 2779

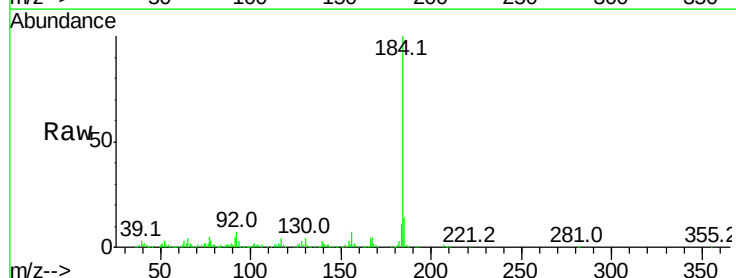
Delta R.T. -0.02 min

Lab File: BM009997.D

Acq: 11 May 2017 22:42

Tgt Ion:184 Resp: 774121

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 13.7  | 11.3  | 16.9  |
| 183 | 10.9  | 8.9   | 13.3  |

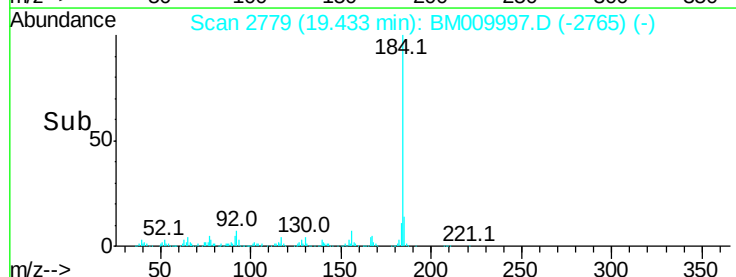


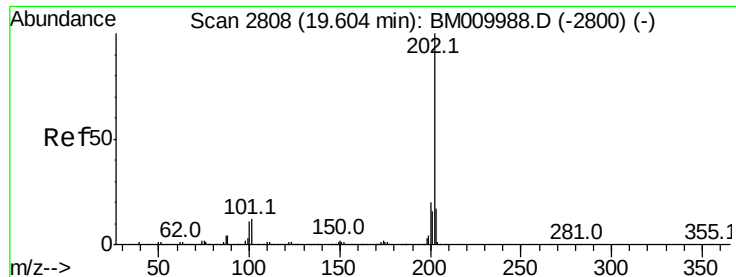
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

Time-->





#77

Pvrene

Concen: 50.09 ng

RT: 19.60 min Scan# 2808

Delta R.T. -0.02 min

Lab File: BM009997.D

Acq: 11 May 2017 22:42

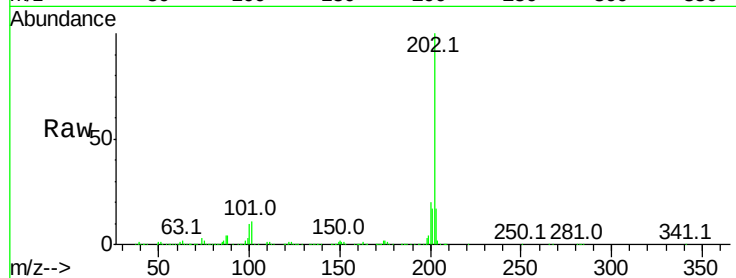
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:202 Resp: 1607231

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 19.6  | 16.9  | 25.3  |
| 203 | 17.0  | 14.1  | 21.1  |

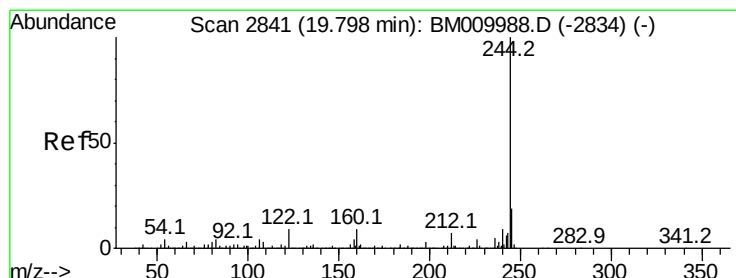
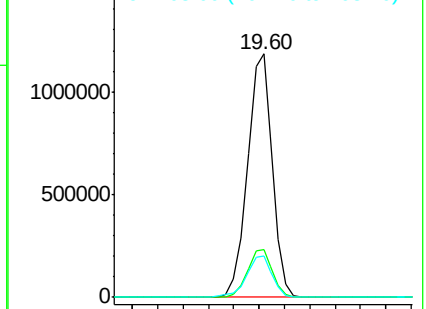
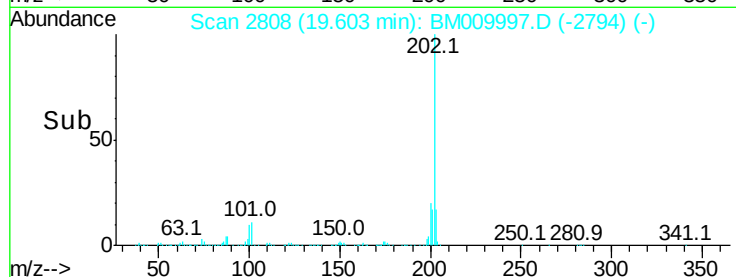


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 103.19 ng

RT: 19.80 min Scan# 2841

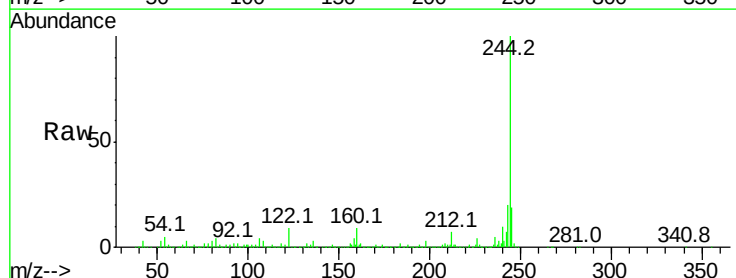
Delta R.T. -0.02 min

Lab File: BM009997.D

Acq: 11 May 2017 22:42

Tgt Ion:244 Resp: 2639875

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.2   | 4.9   | 7.3   |
| 122 | 8.9   | 6.2   | 9.4   |

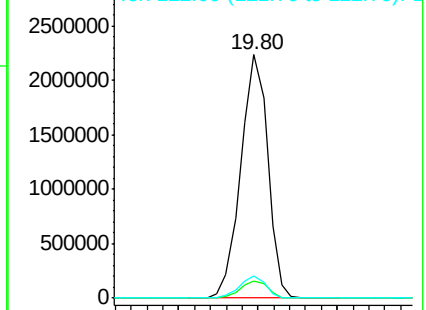
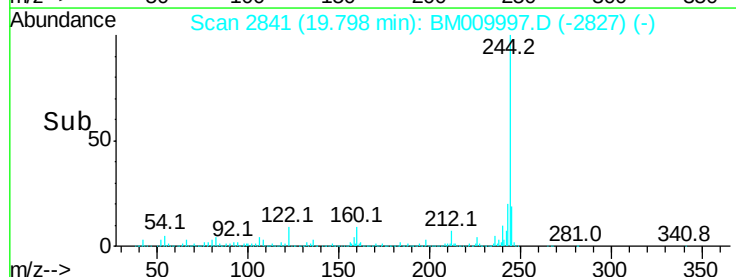


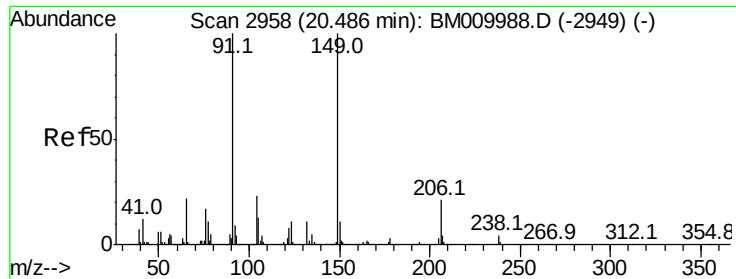
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

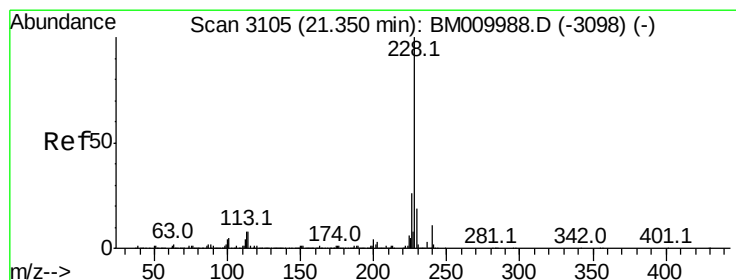
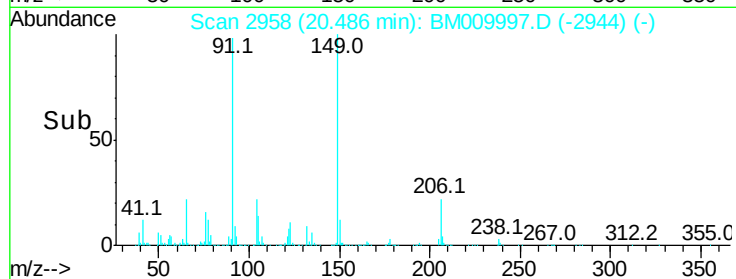
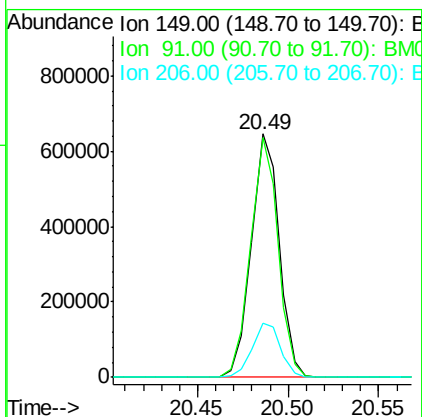
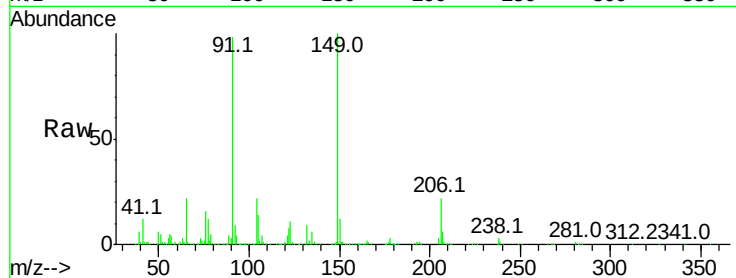




#79  
Butylbenzylphthalate  
Concen: 51.79 ng  
RT: 20.49 min Scan# 2958  
Delta R.T. -0.02 min  
Lab File: BM009997.D  
Acq: 11 May 2017 22:42

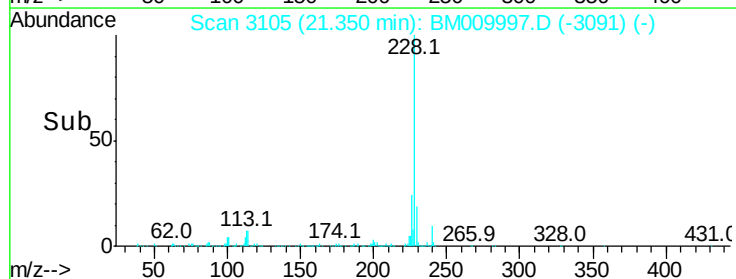
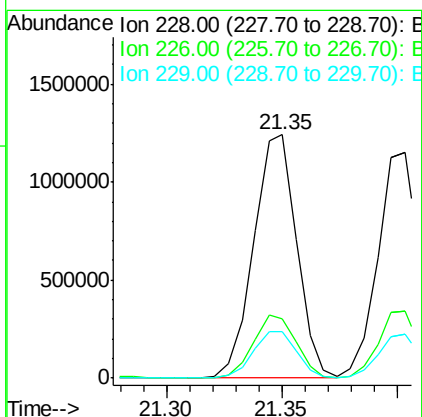
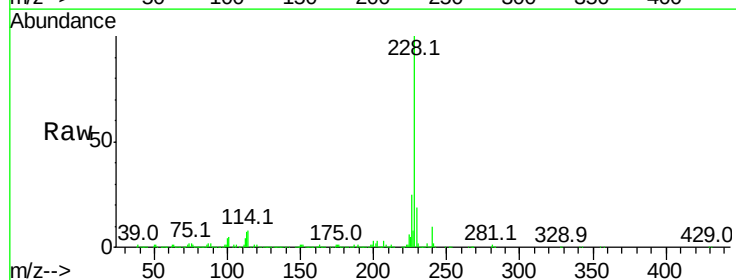
Instrument :  
BNA\_M  
ClientSampleId :

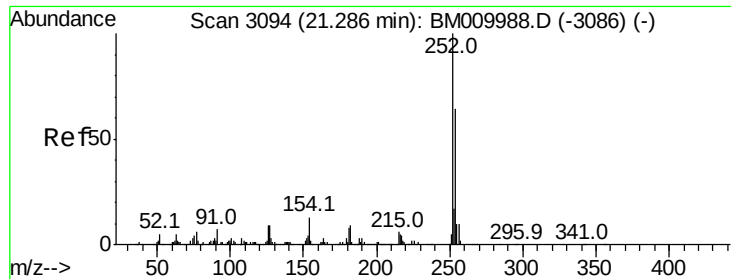
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 98.5  | 50.1  | 75.1# |
| 206     | 22.2  | 16.2  | 24.2  |



#80  
Benzo(a)anthracene  
Concen: 49.73 ng  
RT: 21.35 min Scan# 3105  
Delta R.T. -0.02 min  
Lab File: BM009997.D  
Acq: 11 May 2017 22:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 24.6  | 21.7  | 32.5  |
| 229     | 19.0  | 16.0  | 24.0  |

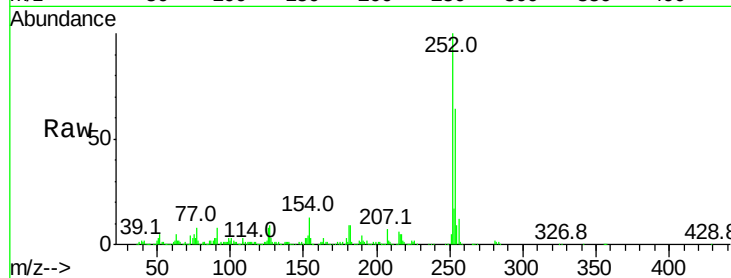




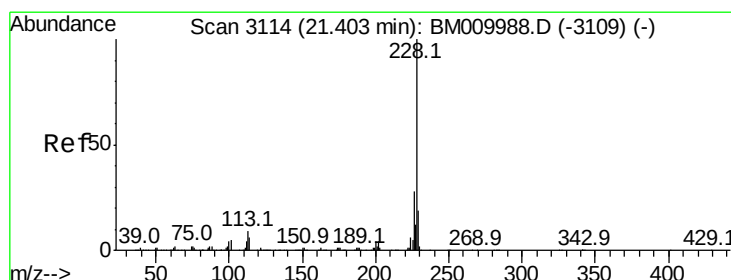
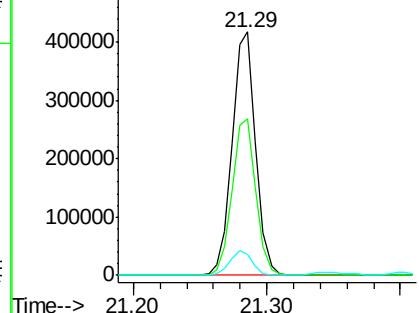
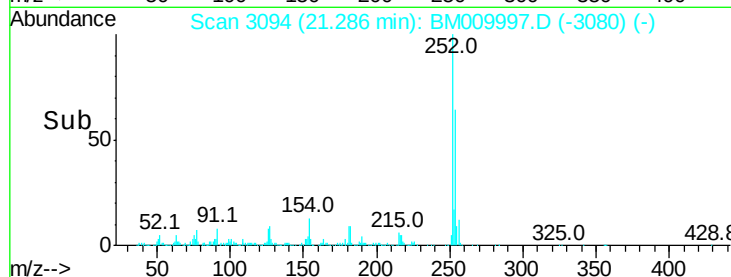
#81  
 3,3'-Dichlorobenzidine  
 Concen: 43.33 ng  
 RT: 21.29 min Scan# 3094  
 Delta R.T. -0.02 min  
 Lab File: BM009997.D  
 Acq: 11 May 2017 22:42

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:252 Resp: 517153  
 Ion Ratio Lower Upper  
 252 100  
 254 64.4 51.9 77.9  
 126 8.3 9.8 14.8#

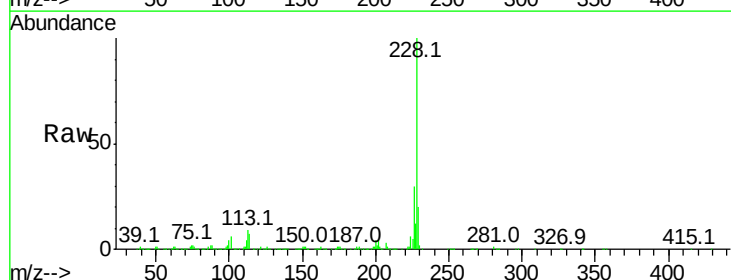


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

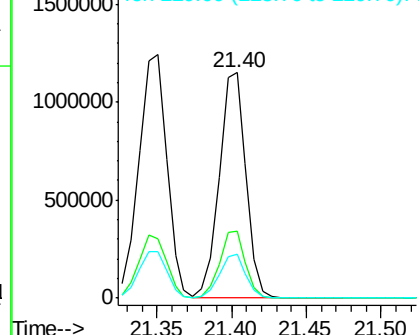
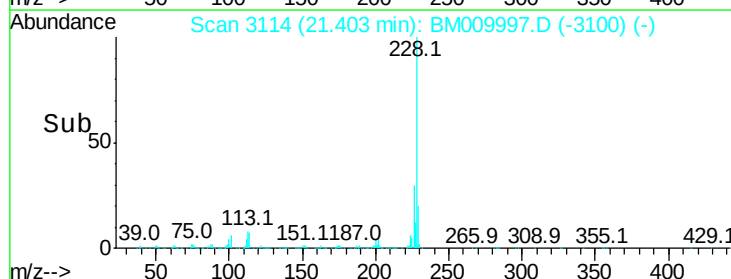


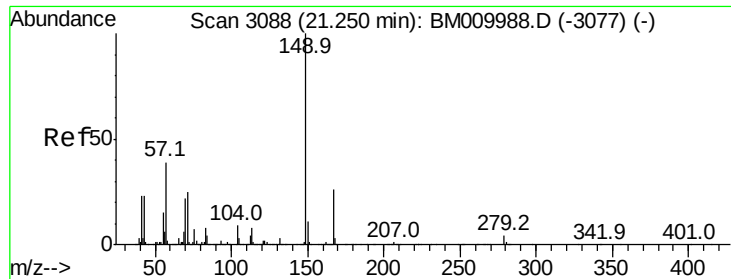
#82  
 Chrysene  
 Concen: 47.24 ng  
 RT: 21.40 min Scan# 3114  
 Delta R.T. -0.02 min  
 Lab File: BM009997.D  
 Acq: 11 May 2017 22:42

Tgt Ion:228 Resp: 1435340  
 Ion Ratio Lower Upper  
 228 100  
 226 29.7 24.1 36.1  
 229 19.7 15.5 23.3



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

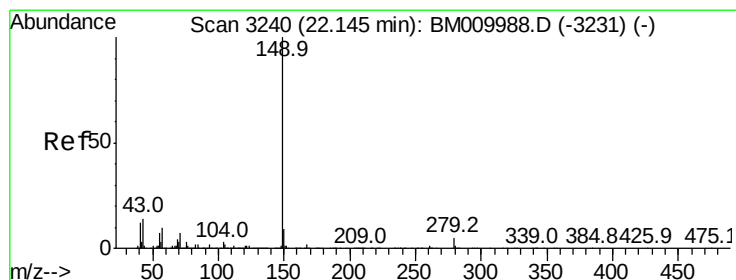
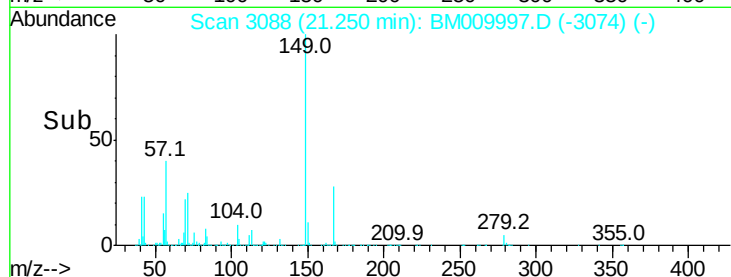
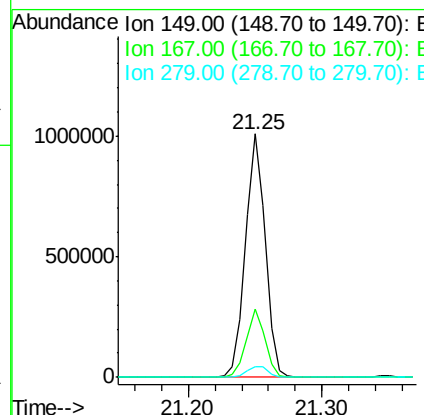
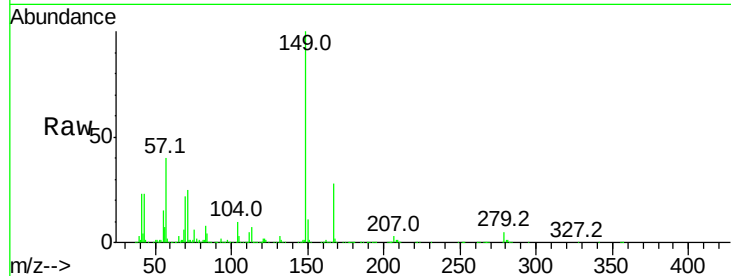




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 52.00 ng  
 RT: 21.25 min Scan# 3088  
 Delta R.T. -0.02 min  
 Lab File: BM009997.D  
 Acq: 11 May 2017 22:42

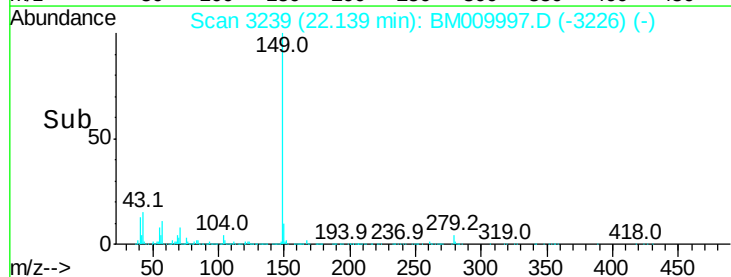
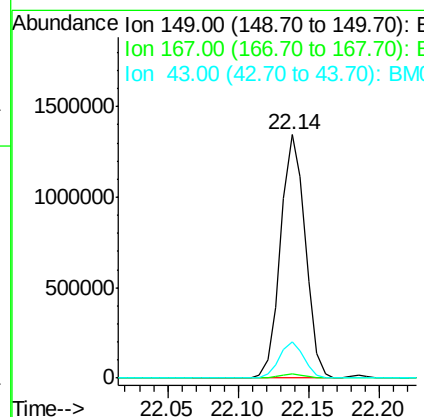
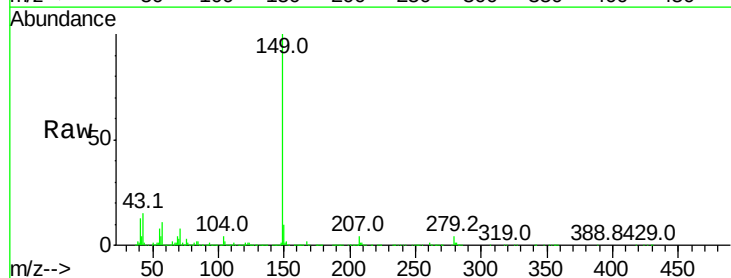
Instrument :  
 BNA\_M  
 ClientSampleId :

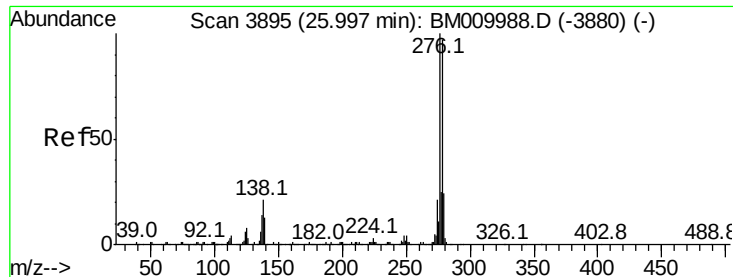
Tot Ion:149 Resp: 1037410  
 Ion Ratio Lower Upper  
 149 100  
 167 28.2 22.4 33.6  
 279 4.6 3.4 5.0



#84  
 Di-n-octyl phthalate  
 Concen: 48.17 ng  
 RT: 22.14 min Scan# 3239  
 Delta R.T. -0.02 min  
 Lab File: BM009997.D  
 Acq: 11 May 2017 22:42

Tgt Ion:149 Resp: 1648748  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.2 1.8  
 43 14.5 7.3 10.9#

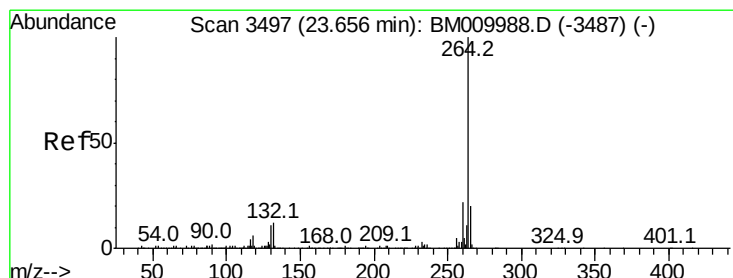
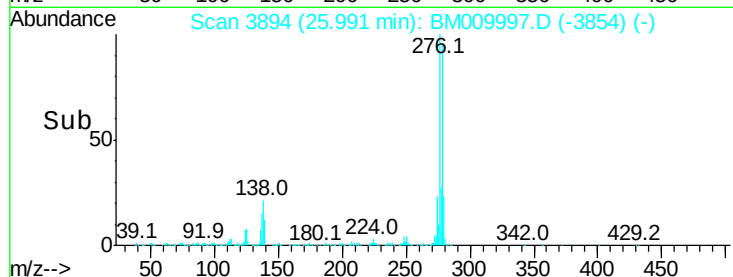
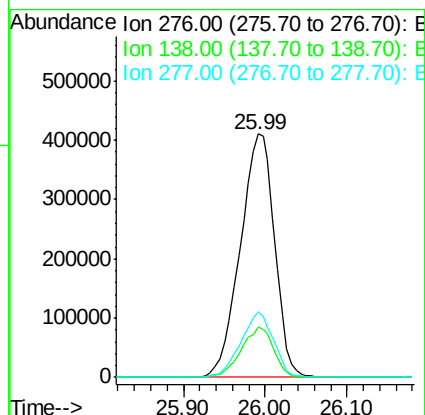
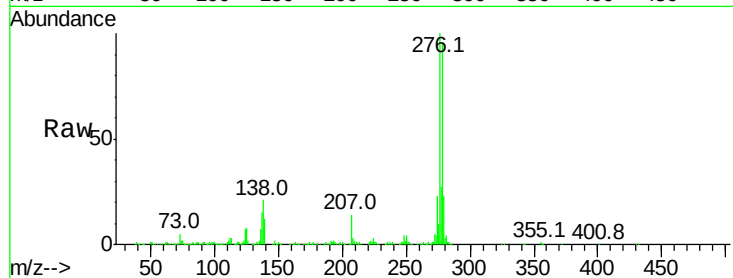




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 46.74 ng  
 RT: 25.99 min Scan# 3894  
 Delta R.T. -0.06 min  
 Lab File: BM009997.D  
 Acq: 11 May 2017 22:42

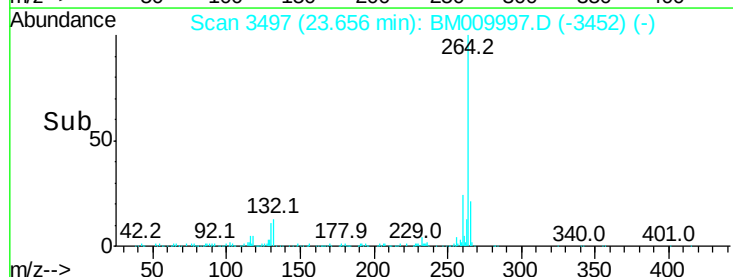
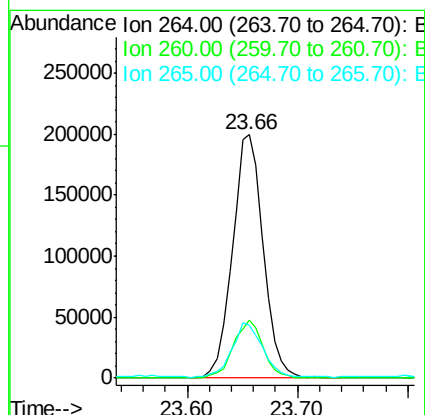
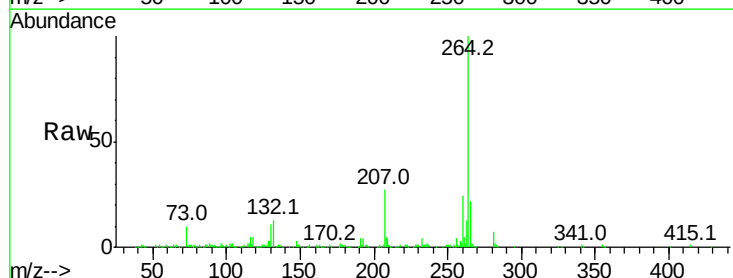
Instrument :  
 BNA\_M  
 ClientSampled :

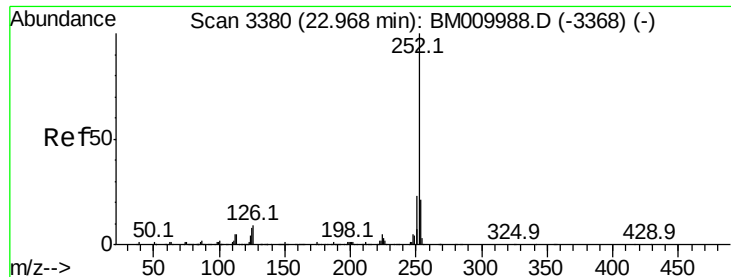
Tot Ion:276 Resp: 1196972  
 Ion Ratio Lower Upper  
 276 100  
 138 19.6 0.0 0.0#  
 277 25.5 0.0 0.0#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 23.66 min Scan# 3497  
 Delta R.T. -0.04 min  
 Lab File: BM009997.D  
 Acq: 11 May 2017 22:42

Tgt Ion:264 Resp: 389289  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 18.6 27.8  
 265 22.0 17.3 25.9

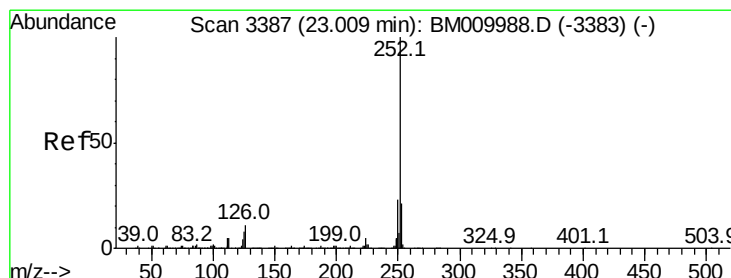
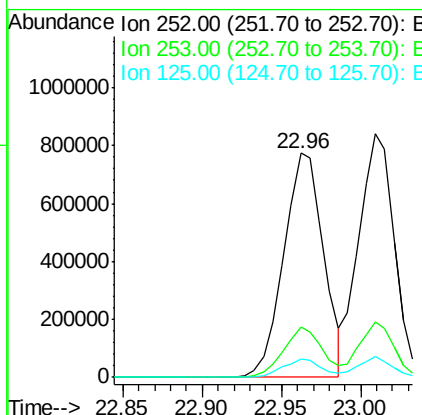
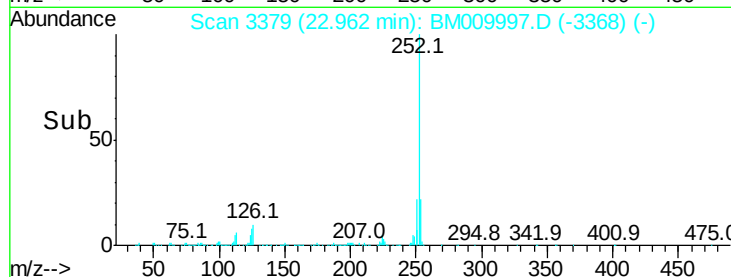
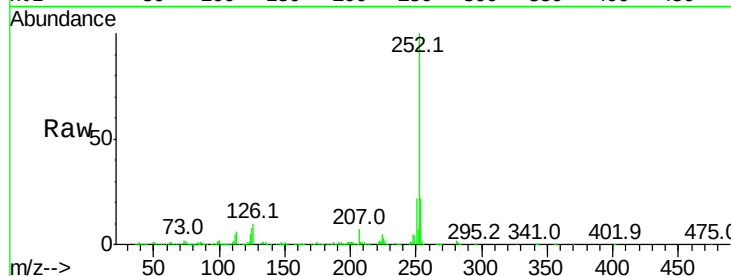




#87  
Benzo(b)fluoranthene  
Concen: 50.99 ng  
RT: 22.96 min Scan# 3379  
Delta R.T. -0.04 min  
Lab File: BM009997.D  
Acq: 11 May 2017 22:42

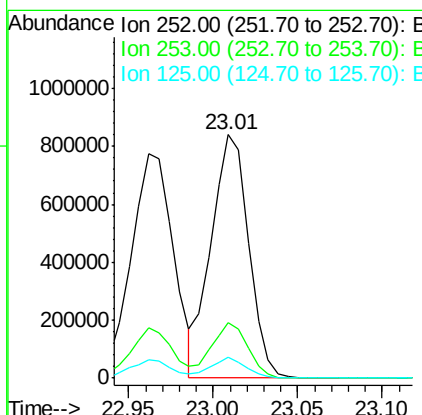
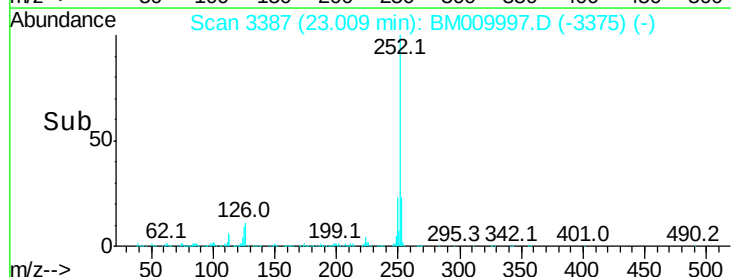
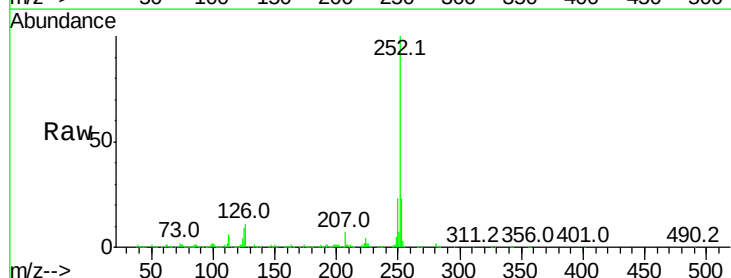
Instrument :  
BNA\_M  
ClientSampleId :

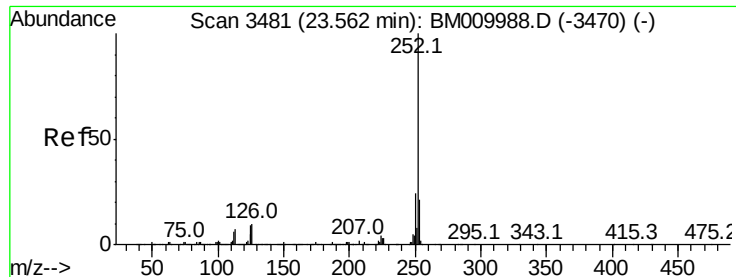
Tot Ion:252 Resp: 1344185  
Ion Ratio Lower Upper  
252 100  
253 22.2 18.0 27.0  
125 8.4 9.9 14.9#



#88  
Benzo(k)fluoranthene  
Concen: 51.86 ng  
RT: 23.01 min Scan# 3387  
Delta R.T. -0.03 min  
Lab File: BM009997.D  
Acq: 11 May 2017 22:42

Tgt Ion:252 Resp: 1299132  
Ion Ratio Lower Upper  
252 100  
253 22.7 17.2 25.8  
125 8.8 8.1 12.1

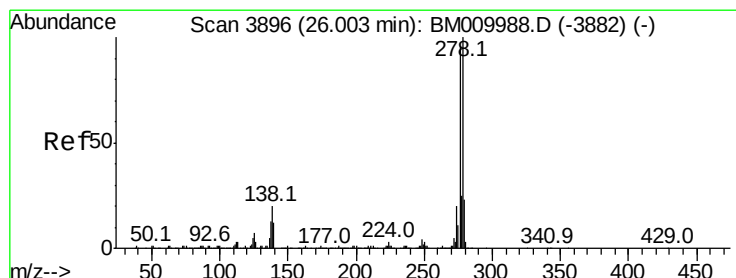
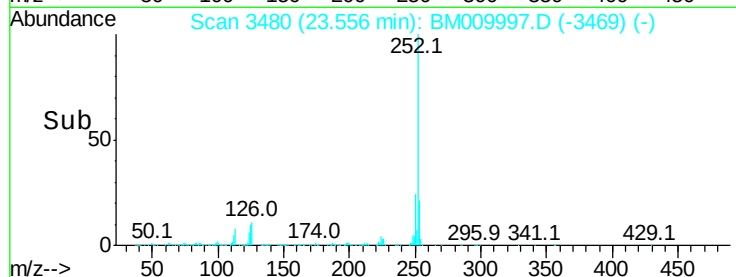
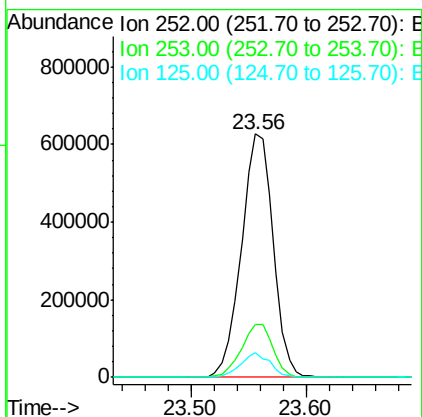
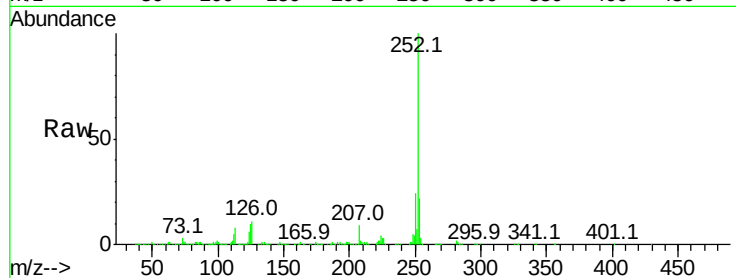




#89  
Benzo(a)pyrene  
Concen: 51.47 ng  
RT: 23.56 min Scan# 3480  
Delta R.T. -0.04 min  
Lab File: BM009997.D  
Acq: 11 May 2017 22:42

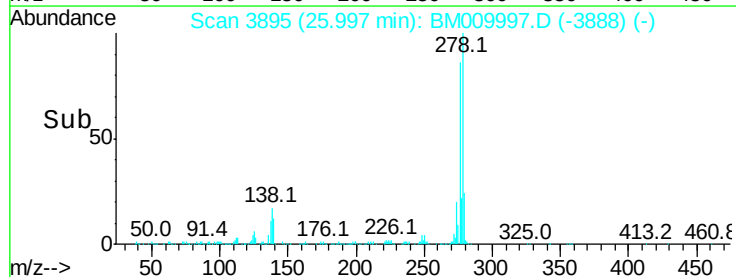
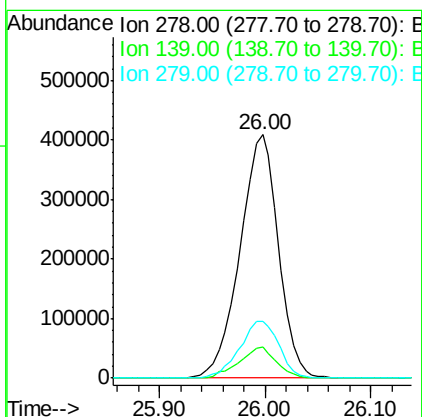
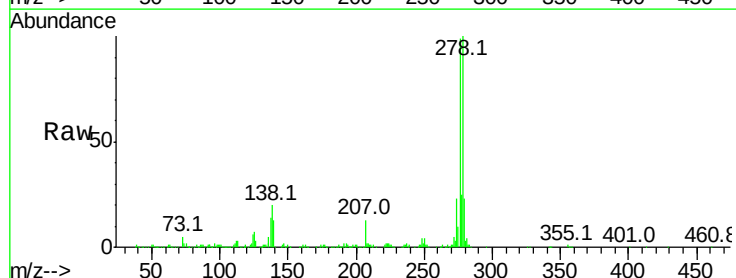
Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:252 Resp: 1196367  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.6 26.4  
125 10.0 7.4 11.2

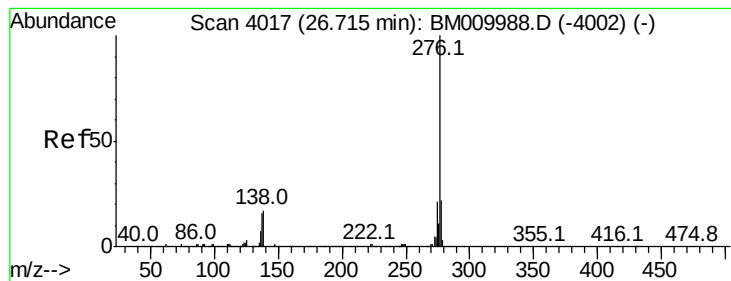


#90  
Dibenzo(a,h)anthracene  
Concen: 50.12 ng  
RT: 26.00 min Scan# 3895  
Delta R.T. -0.06 min  
Lab File: BM009997.D  
Acq: 11 May 2017 22:42

Tgt Ion:278 Resp: 1028040  
Ion Ratio Lower Upper  
278 100  
139 12.6 13.4 20.0#  
279 23.2 19.0 28.4







#91  
 Benzo(a,h,i)perylene  
 Concen: 49.87 ng  
 RT: 26.71 min Scan# 4016  
 Delta R.T. -0.07 min  
 Lab File: BM009997.D  
 Acq: 11 May 2017 22:42

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.4  | 18.5  | 27.7  |
| 138     | 16.9  | 19.0  | 28.6  |

