

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\  
 Data File : BM010189.D  
 Acq On : 24 May 2017 20:14  
 Operator : SJ/MA  
 Sample : I3305-02MS  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DSK-SB1(5-10)MS

Quant Time: May 25 05:29:09 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat May 20 04:25:49 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.95  | 152  | 126671   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.76 | 136  | 438533   | 20.00 | ng    | -0.03    |
| 38) Acenaphthene-d10      | 14.58 | 164  | 288150   | 20.00 | ng    | -0.03    |
| 63) Phenanthrene-d10      | 17.33 | 188  | 738018   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 21.49 | 240  | 1143324  | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 23.84 | 264  | 1253303  | 20.00 | ng    | -0.04    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.53  | 112 | 914398  | 130.36 | ng | -0.02 |
| 7) Phenol-d6                | 7.14  | 99  | 1124826 | 124.62 | ng | -0.03 |
| 23) Nitrobenzene-d5         | 9.14  | 82  | 749346  | 92.19  | ng | -0.03 |
| 41) 2,4,6-Tribromophenol    | 16.07 | 330 | 597556  | 136.54 | ng | -0.02 |
| 44) 2-Fluorobiphenyl        | 13.20 | 172 | 1847516 | 82.43  | ng | -0.03 |
| 78) Terphenyl-d14           | 19.93 | 244 | 3449985 | 68.61  | ng | -0.02 |

|                                |       |     |        |       |    |        |
|--------------------------------|-------|-----|--------|-------|----|--------|
| Target Compounds               |       |     |        |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 3.43  | 88  | 118245 | 36.69 | ng | # 100  |
| 3) Pyridine                    | 3.85  | 79  | 305250 | 35.38 | ng | 91     |
| 4) n-Nitrosodimethylamine      | 3.76  | 42  | 161256 | 51.67 | ng | # 77   |
| 6) Aniline                     | 7.30  | 93  | 214646 | 19.19 | ng | 91     |
| 8) 2-Chlorophenol              | 7.53  | 128 | 301352 | 39.49 | ng | 96     |
| 9) Benzaldehyde                | 7.12  | 77  | 85739  | 15.26 | ng | 84     |
| 10) Phenol                     | 7.17  | 94  | 399432 | 41.99 | ng | 94     |
| 11) bis(2-Chloroethyl)ether    | 7.39  | 93  | 264389 | 37.29 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.83  | 146 | 354330 | 36.54 | ng | # 88   |
| 13) 1,4-Dichlorobenzene        | 7.99  | 146 | 363254 | 36.46 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 8.30  | 146 | 349082 | 36.50 | ng | # 94   |
| 15) Benzyl Alcohol             | 8.21  | 79  | 300583 | 44.02 | ng | # 87   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.47  | 45  | 217284 | 31.17 | ng | 74     |
| 17) 2-Methylphenol             | 8.41  | 107 | 251818 | 37.21 | ng | # 84   |
| 18) Hexachloroethane           | 9.02  | 117 | 124119 | 38.43 | ng | # 74   |
| 19) n-Nitroso-di-n-propylamine | 8.76  | 70  | 256358 | 40.24 | ng | 93     |
| 20) 3+4-Methylphenols          | 8.74  | 107 | 342704 | 37.49 | ng | 88     |
| 22) Acetophenone               | 8.79  | 105 | 468057 | 41.64 | ng | # 97   |
| 24) Nitrobenzene               | 9.18  | 77  | 383385 | 45.78 | ng | 95     |
| 25) Isophorone                 | 9.69  | 82  | 611073 | 43.51 | ng | # 93   |
| 26) 2-Nitrophenol              | 9.88  | 139 | 153967 | 43.62 | ng | # 63   |
| 27) 2,4-Dimethylphenol         | 9.93  | 122 | 261354 | 41.01 | ng | # 78   |
| 28) bis(2-Chloroethoxy)methane | 10.17 | 93  | 335483 | 37.64 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.41 | 162 | 324756 | 44.26 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.61 | 180 | 388455 | 40.92 | ng | 97     |
| 31) Naphthalene                | 10.81 | 128 | 871988 | 37.17 | ng | 99     |
| 32) Benzoic acid               | 10.02 | 122 | 20962  | 4.83  | ng | # 83   |
| 33) 4-Chloroaniline            | 10.95 | 127 | 66054  | 7.31  | ng | # 85   |
| 34) Hexachlorobutadiene        | 11.05 | 225 | 266066 | 42.01 | ng | 99     |
| 35) Caprolactam                | 11.76 | 113 | 76544  | 36.35 | ng | # 77   |
| 36) 4-Chloro-3-methylphenol    | 12.06 | 107 | 319983 | 40.26 | ng | 84     |
| 37) 2-Methylnaphthalene        | 12.41 | 142 | 678496 | 40.17 | ng | # 93   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.76 | 216 | 448042 | 40.43 | ng | # 100  |
| 40) Hexachlorocyclopentadiene  | 12.73 | 237 | 595047 | 93.01 | ng | 98     |

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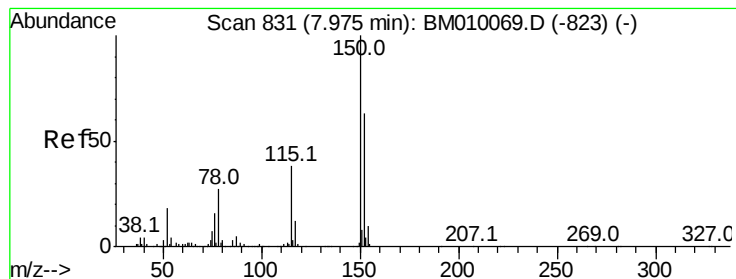
Instrument :  
 BNA\_M  
 ClientSampleId :  
 DSK-SB1(5-10)MS

Quant Time: May 25 05:29:09 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat May 20 04:25:49 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.02 | 196  | 297127   | 45.53 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 13.09 | 196  | 306389   | 42.49 | nq    | # 91     |
| 45) 1,1'-Biphenyl              | 13.42 | 154  | 926996   | 39.12 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 13.46 | 162  | 741057   | 38.63 | nq    | 97       |
| 47) 2-Nitroaniline             | 13.70 | 65   | 214501   | 43.48 | nq    | # 78     |
| 48) Acenaphthylene             | 14.31 | 152  | 1129184  | 39.80 | nq    | 99       |
| 49) Dimethylphthalate          | 14.04 | 163  | 1291705  | 50.25 | nq    | # 99     |
| 50) 2,6-Dinitrotoluene         | 14.18 | 165  | 205733   | 42.15 | nq    | # 83     |
| 51) Acenaphthene               | 14.64 | 154  | 678058   | 38.45 | nq    | 97       |
| 52) 3-Nitroaniline             | 14.53 | 138  | 109533   | 24.15 | nq    | # 62     |
| 53) 2,4-Dinitrophenol          | 14.72 | 184  | 97338    | 33.98 | nq    | # 84     |
| 54) Dibenzofuran               | 14.98 | 168  | 1181745  | 42.61 | nq    | 95       |
| 55) 4-Nitrophenol              | 14.84 | 139  | 298103   | 81.66 | nq    | # 33     |
| 56) 2,4-Dinitrotoluene         | 14.96 | 165  | 289183   | 41.88 | nq    | # 88     |
| 57) Fluorene                   | 15.63 | 166  | 963613   | 39.96 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.20 | 232  | 299537   | 48.76 | nq    | # 100    |
| 59) Diethylphthalate           | 15.40 | 149  | 926299   | 38.12 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.62 | 204  | 537106   | 39.67 | nq    | 100      |
| 61) 4-Nitroaniline             | 15.69 | 138  | 167676   | 36.41 | nq    | # 20     |
| 62) Azobenzene                 | 15.91 | 77   | 908375   | 50.84 | nq    | 90       |
| 64) 4,6-Dinitro-2-methylphenol | 15.71 | 198  | 157433   | 34.92 | nq    | 82       |
| 65) n-Nitrosodiphenylamine     | 15.84 | 169  | 849059   | 38.39 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.52 | 248  | 360361   | 38.14 | nq    | 95       |
| 67) Hexachlorobenzene          | 16.61 | 284  | 403733   | 35.17 | nq    | 95       |
| 68) Atrazine                   | 16.79 | 200  | 353822   | 42.19 | nq    | 97       |
| 69) Pentachlorophenol          | 16.97 | 266  | 512622   | 81.31 | nq    | 98       |
| 70) Phenanthrene               | 17.37 | 178  | 1575535  | 38.16 | nq    | 99       |
| 71) Anthracene                 | 17.46 | 178  | 1611041  | 39.31 | nq    | 99       |
| 72) Carbazole                  | 17.74 | 167  | 1458232  | 40.19 | nq    | 99       |
| 73) Di-n-butylphthalate        | 18.26 | 149  | 1577185  | 36.67 | nq    | # 97     |
| 74) Fluoranthene               | 19.37 | 202  | 2094529  | 39.07 | nq    | 97       |
| 76) Benzidine                  | 19.58 | 184  | 1309029  | 62.07 | nq    | 99       |
| 77) Pyrene                     | 19.74 | 202  | 2158881  | 35.22 | nq    | 100      |
| 79) Butylbenzylphthalate       | 20.61 | 149  | 795238   | 35.05 | nq    | # 81     |
| 80) Benzo(a)anthracene         | 21.47 | 228  | 2429791  | 38.56 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.42 | 252  | 775873   | 30.61 | nq    | # 95     |
| 82) Chrysene                   | 21.53 | 228  | 2181433  | 36.50 | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 21.36 | 149  | 1185759  | 34.94 | nq    | # 97     |
| 84) Di-n-octyl phthalate       | 22.26 | 149  | 2169439  | 35.71 | nq    | # 98     |
| 85) Indeno(1,2,3-cd)pyrene     | 26.27 | 276  | 3626688  | 41.38 | nq    | # 100    |
| 87) Benzo(b)fluoranthene       | 23.13 | 252  | 2850014  | 38.86 | nq    | # 93     |
| 88) Benzo(k)fluoranthene       | 23.17 | 252  | 2717659  | 37.82 | nq    | # 95     |
| 89) Benzo(a)pyrene             | 23.74 | 252  | 2735768  | 39.14 | nq    | # 97     |
| 90) Dibenzo(a,h)anthracene     | 26.28 | 278  | 3077524  | 39.38 | nq    | # 92     |
| 91) Benzo(g,h,i)perylene       | 27.02 | 276  | 2962212  | 38.68 | nq    | # 86     |

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

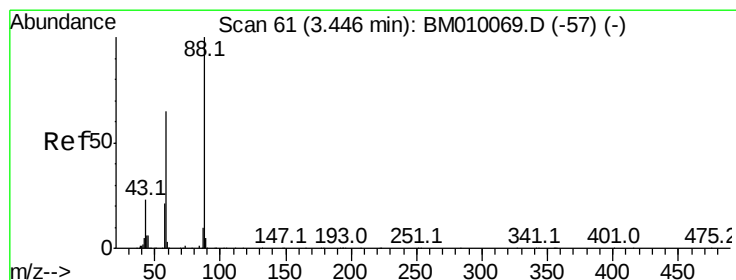
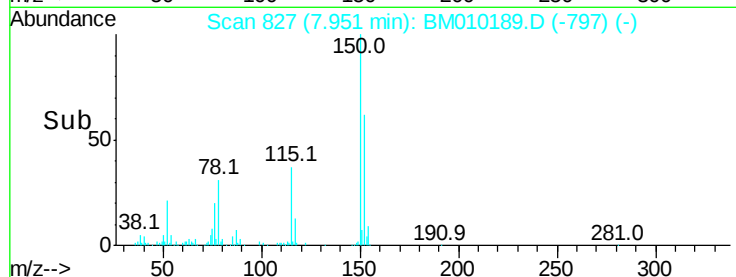
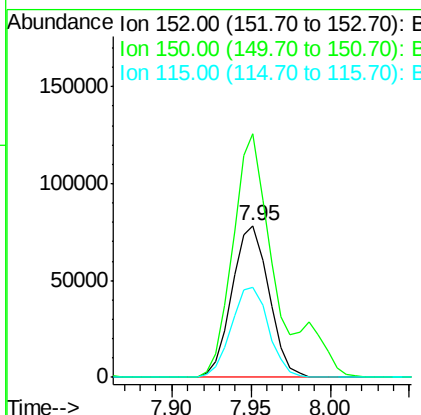
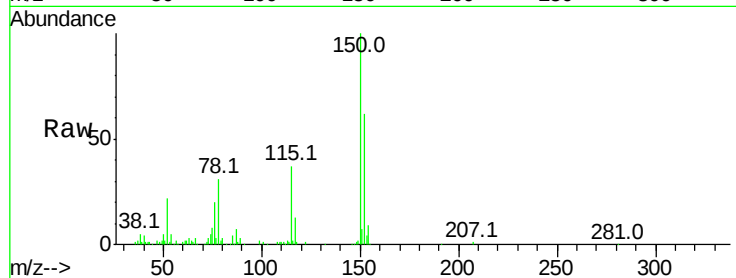




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 7.95 min Scan# 827  
 Delta R.T. -0.02 min  
 Lab File: BM010189.D  
 Acq: 24 May 2017 20:14

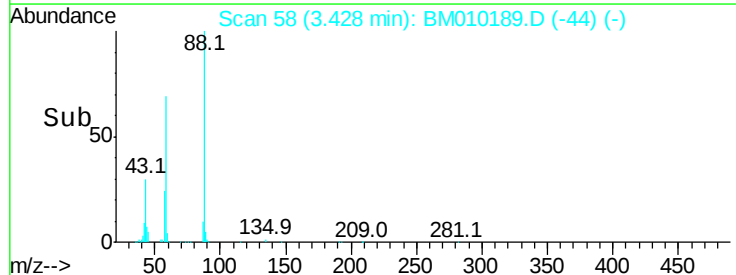
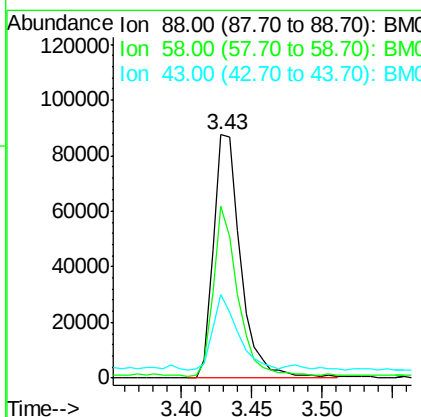
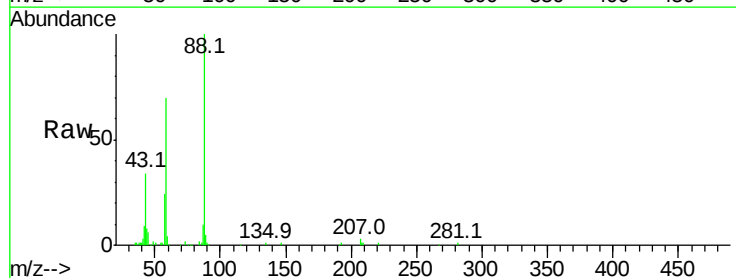
Instrument :  
 BNA\_M  
 ClientSampleId :  
 DSK-SB1(5-10)MS

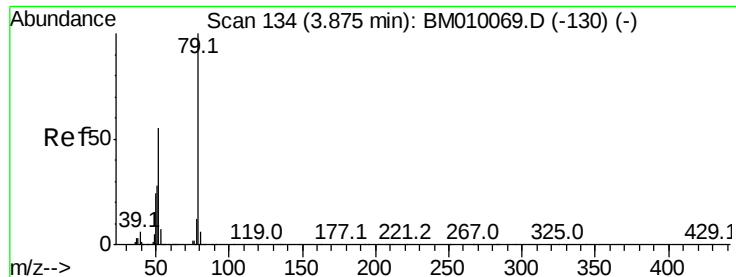
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 160.6 | 119.5 | 179.3 |
| 115     | 59.6  | 43.0  | 64.4  |



#2  
 1,4-Dioxane  
 Concen: 36.69 ng  
 RT: 3.43 min Scan# 58  
 Delta R.T. -0.02 min  
 Lab File: BM010189.D  
 Acq: 24 May 2017 20:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 62.2  | 0.0   | 0.0#  |
| 43      | 27.9  | 0.0   | 0.0#  |





#3

Pvridine

Concen: 35.38 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.03 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

Instrument :

BNA\_M

ClientSampleId :

DSK-SB1(5-10)MS

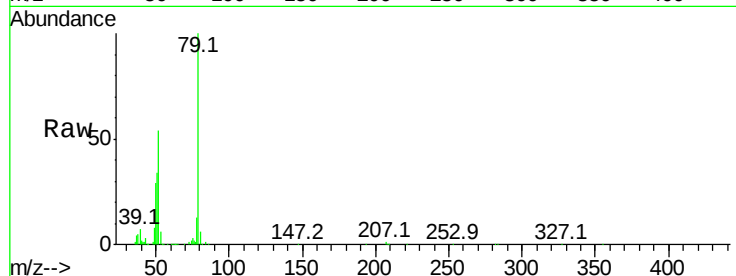
Tot Ion: 79 Resp: 305250

Ion Ratio Lower Upper

79 100

52 54.1 51.1 76.7

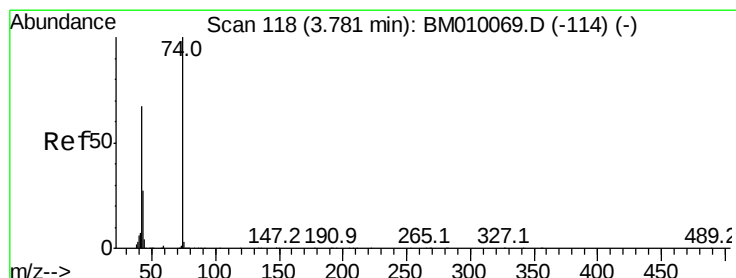
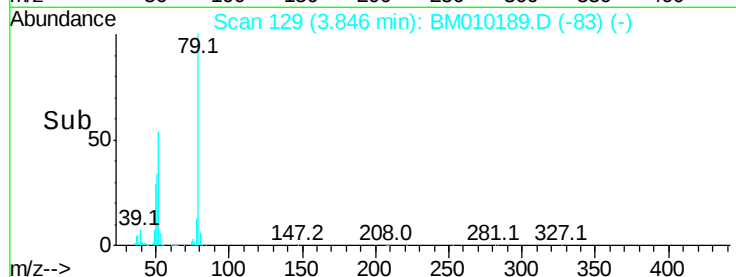
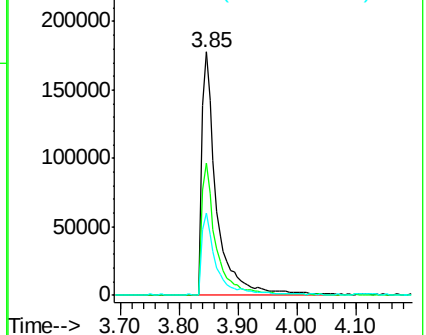
51 34.1 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BM010069.D (-130) (-)

Ion 52.00 (51.70 to 52.70): BM010069.D (-130) (-)

Ion 51.00 (50.70 to 51.70): BM010069.D (-130) (-)



#4

n-Nitrosodimethylamine

Concen: 51.67 ng

RT: 3.76 min Scan# 115

Delta R.T. -0.02 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

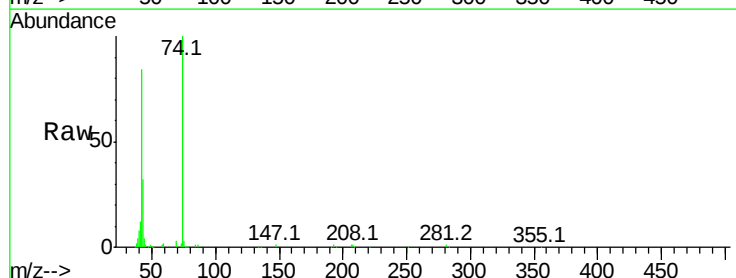
Tgt Ion: 42 Resp: 161256

Ion Ratio Lower Upper

42 100

74 118.5 119.3 178.9#

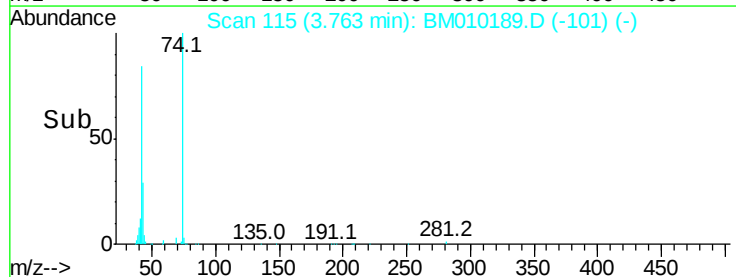
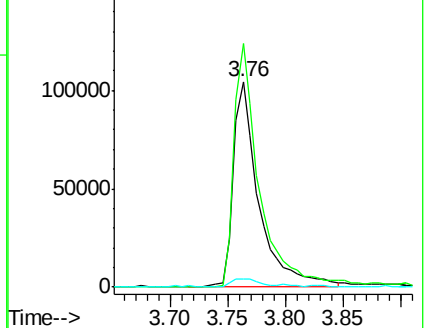
44 4.2 5.4 8.2#

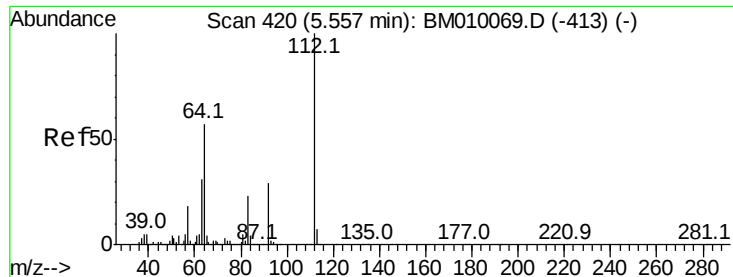


Abundance Ion 42.00 (41.70 to 42.70): BM010069.D (-114) (-)

Ion 74.00 (73.70 to 74.70): BM010069.D (-114) (-)

Ion 44.00 (43.70 to 44.70): BM010069.D (-114) (-)





#5

2-Fluorophenol

Concen: 130.36 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.02 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

Instrument :

BNA\_M

ClientSampleId :

DSK-SB1(5-10)MS

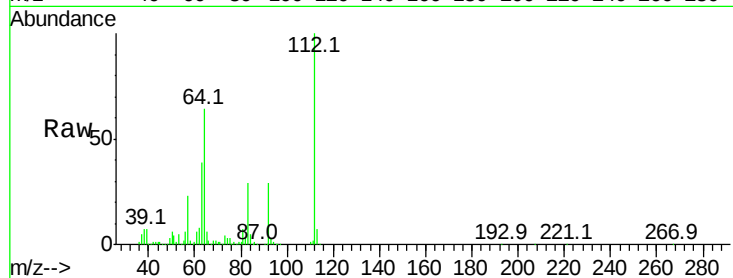
Tot Ion:112 Resp: 914398

Ion Ratio Lower Upper

112 100

64 64.3 38.6 57.8#

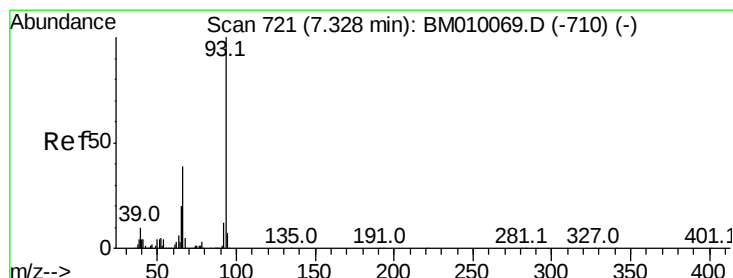
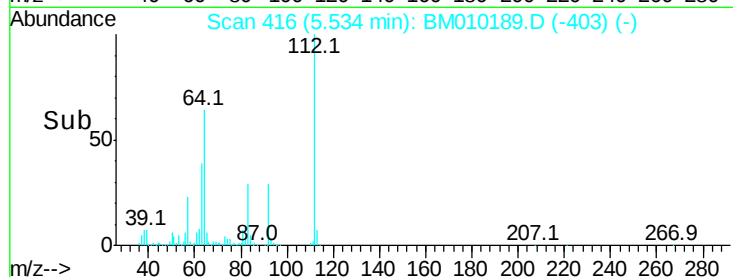
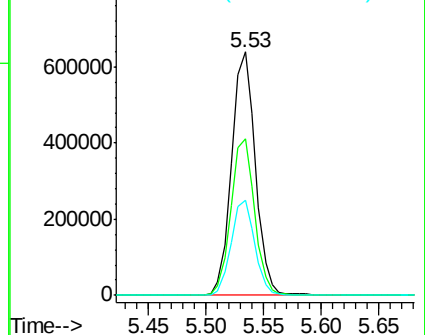
63 38.9 19.3 28.9#



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: 19.19 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

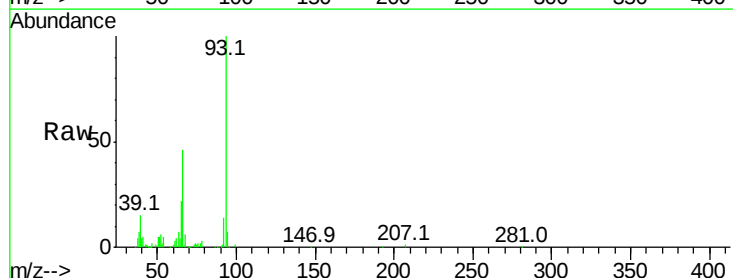
Tgt Ion: 93 Resp: 214646

Ion Ratio Lower Upper

93 100

66 45.6 30.8 46.2

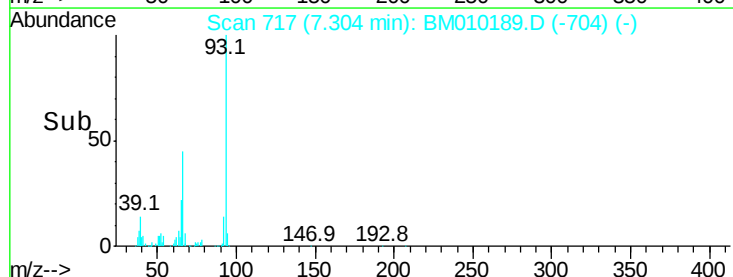
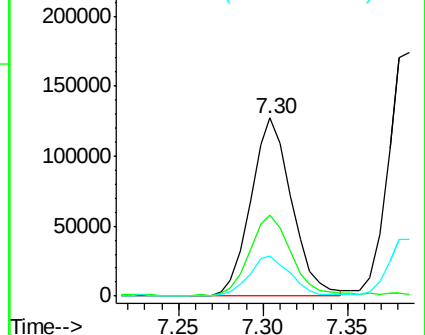
65 22.4 16.0 24.0

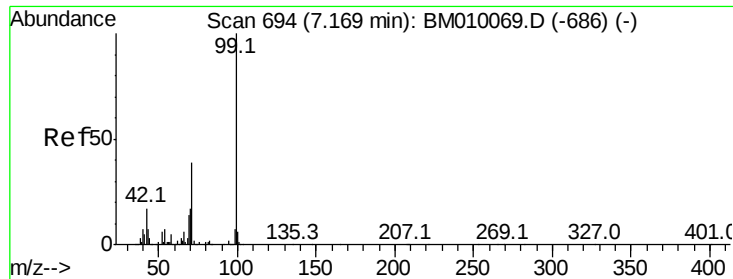


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 124.62 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

Instrument :

BNA\_M

ClientSampleId :

DSK-SB1(5-10)MS

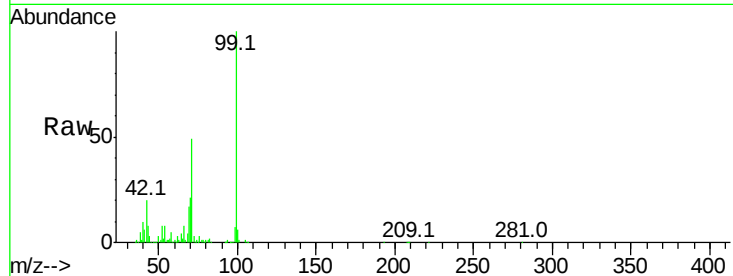
Tot Ion: 99 Resp: 1124826

Ion Ratio Lower Upper

99 100

42 20.5 11.0 16.4#

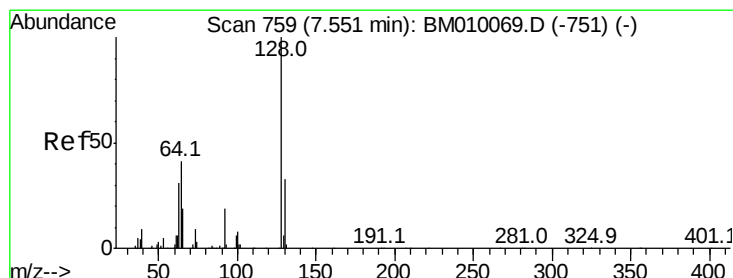
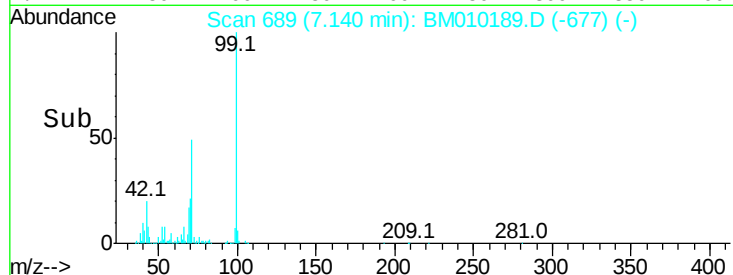
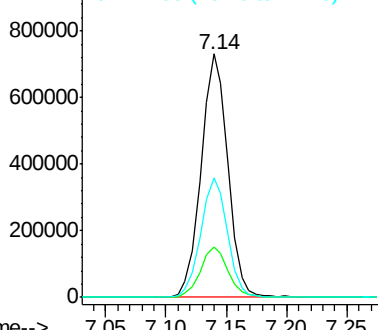
71 49.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010069.D (-686) (-)

Ion 42.00 (41.70 to 42.70): BM010069.D (-686) (-)

Ion 71.00 (70.70 to 71.70): BM010069.D (-686) (-)



#8

2-Chlorophenol

Concen: 39.49 ng

RT: 7.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

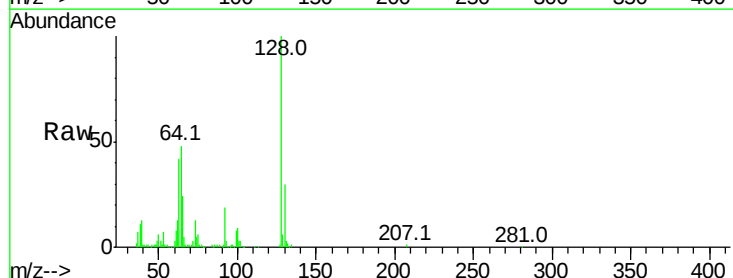
Tgt Ion: 128 Resp: 301352

Ion Ratio Lower Upper

128 100

130 30.4 12.0 52.0

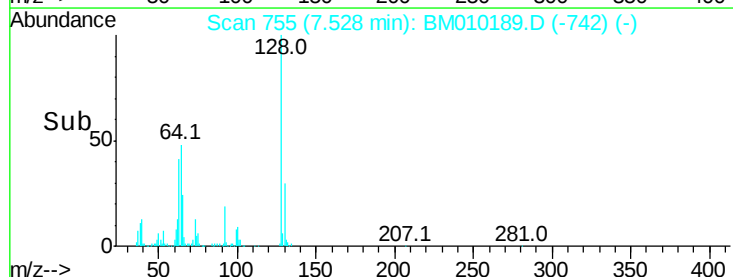
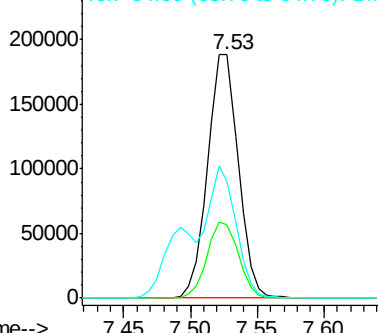
64 47.8 24.9 64.9

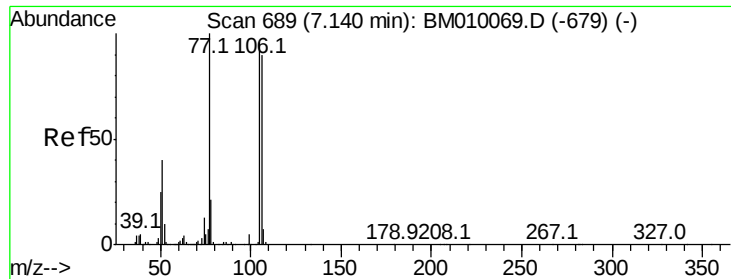


Abundance Ion 128.00 (127.70 to 128.70): BM010069.D (-751) (-)

Ion 130.00 (129.70 to 130.70): BM010069.D (-751) (-)

Ion 64.00 (63.70 to 64.70): BM010069.D (-751) (-)





#9

Benzaldehyde

Concen: 15.26 ng

RT: 7.12 min Scan# 685

Delta R.T. -0.02 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

Instrument :

BNA\_M

ClientSampleId :

DSK-SB1(5-10)MS

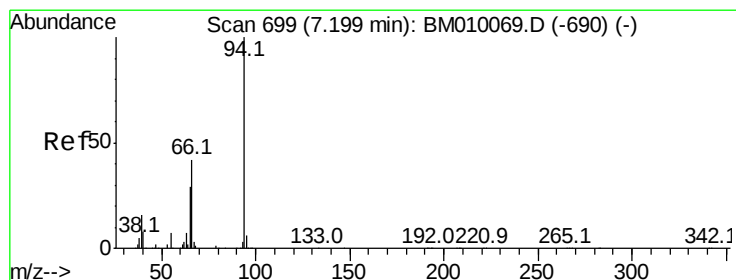
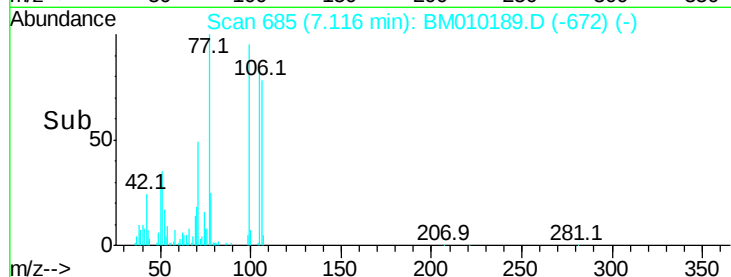
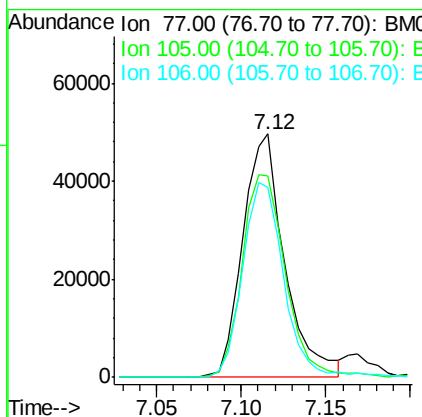
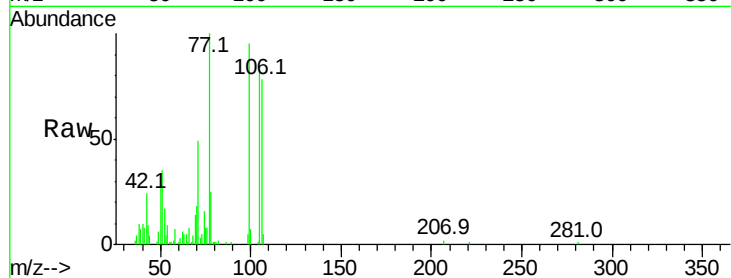
Tot Ion: 77 Resp: 85739

Ion Ratio Lower Upper

77 100

105 82.8 78.8 118.8

106 77.8 73.7 113.7



#10

Phenol

Concen: 41.99 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.03 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

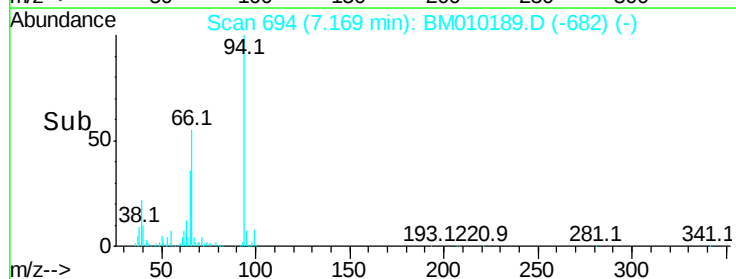
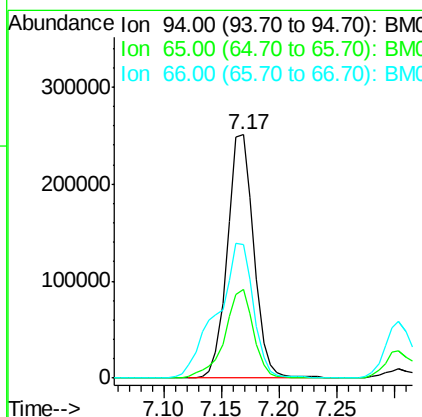
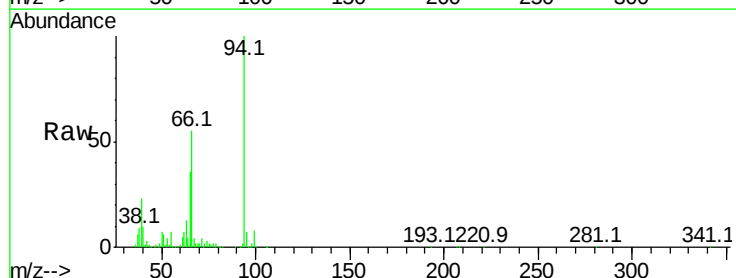
Tgt Ion: 94 Resp: 399432

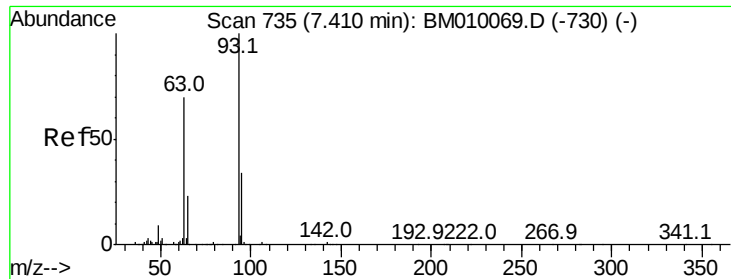
Ion Ratio Lower Upper

94 100

65 36.3 18.8 58.8

66 54.8 39.9 79.9

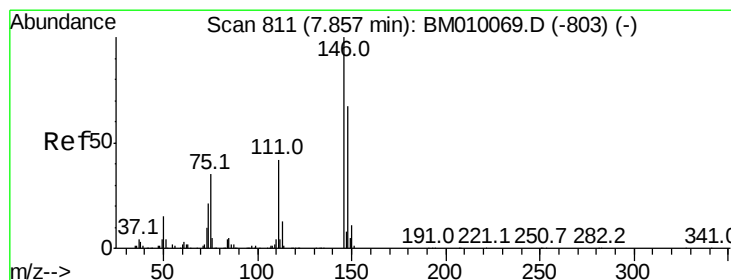
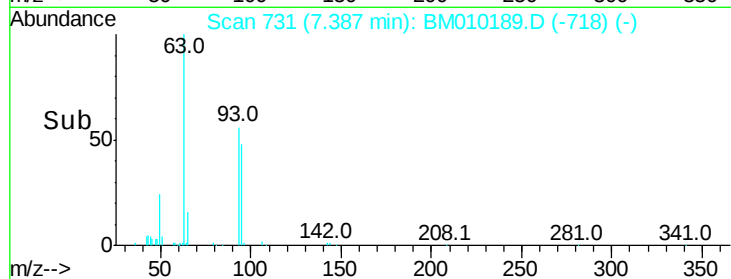
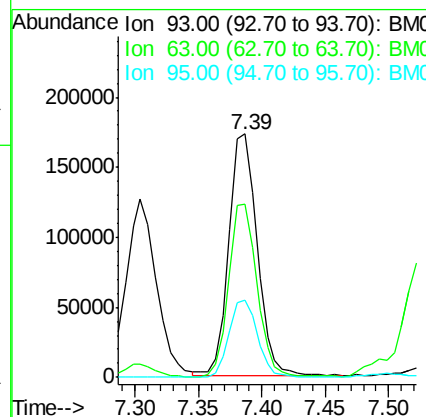
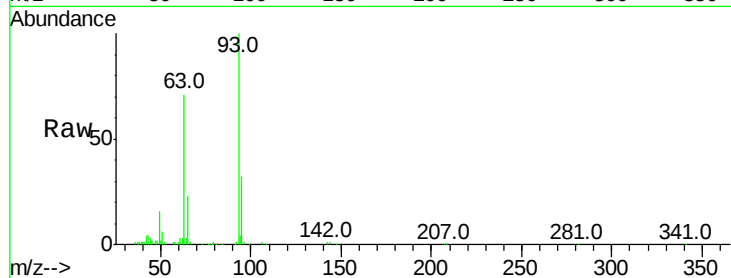




#11  
bis(2-Chloroethyl)ether  
Concen: 37.29 ng  
RT: 7.39 min Scan# 731  
Delta R.T. -0.02 min  
Lab File: BM010189.D  
Acq: 24 May 2017 20:14

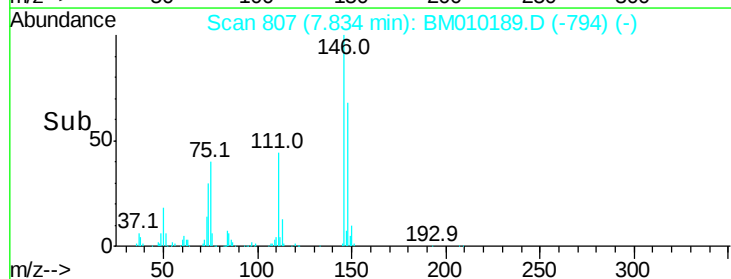
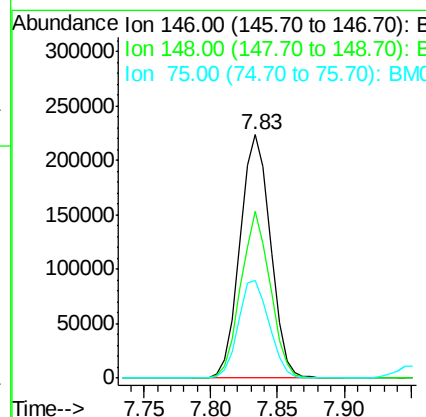
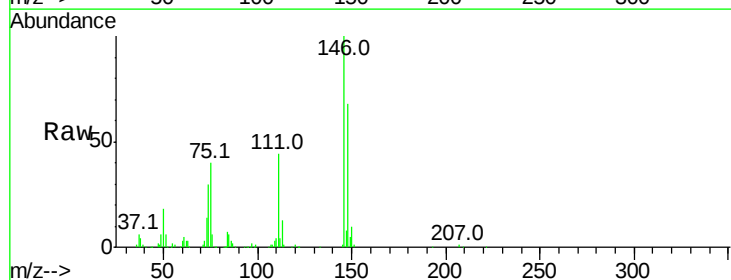
Instrument :  
BNA\_M  
ClientSampleId :  
DSK-SB1(5-10)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 71.1  | 49.5  | 89.5  |
| 95      | 31.8  | 13.5  | 53.5  |



#12  
1,3-Dichlorobenzene  
Concen: 36.54 ng  
RT: 7.83 min Scan# 807  
Delta R.T. -0.02 min  
Lab File: BM010189.D  
Acq: 24 May 2017 20:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 68.4  | 50.9  | 76.3  |
| 75      | 40.1  | 21.4  | 32.2  |

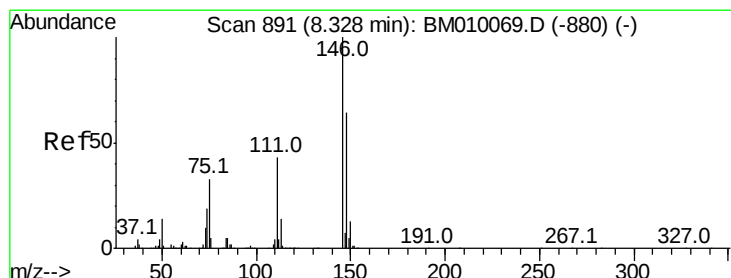
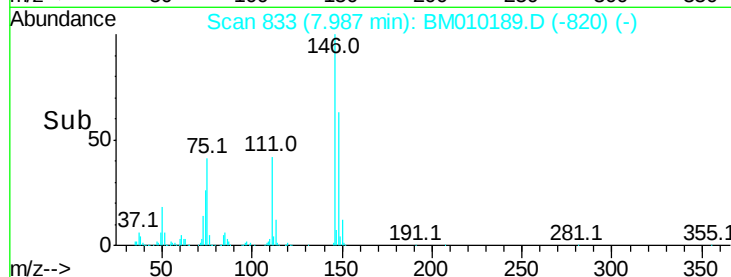
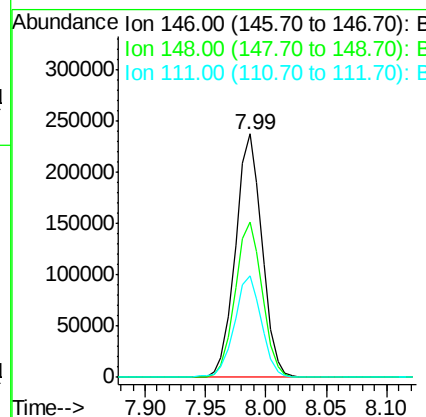
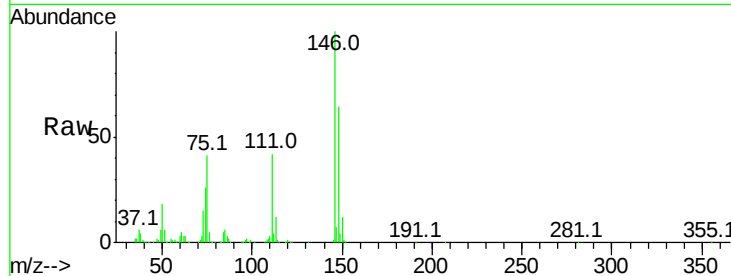




#13  
 1,4-Dichlorobenzene  
 Concen: 36.46 ng  
 RT: 7.99 min Scan# 833  
 Delta R.T. -0.02 min  
 Lab File: BM010189.D  
 Acq: 24 May 2017 20:14

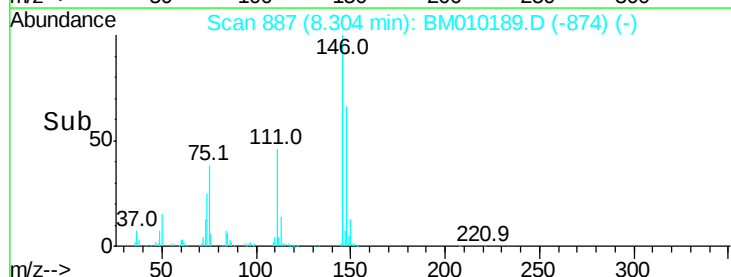
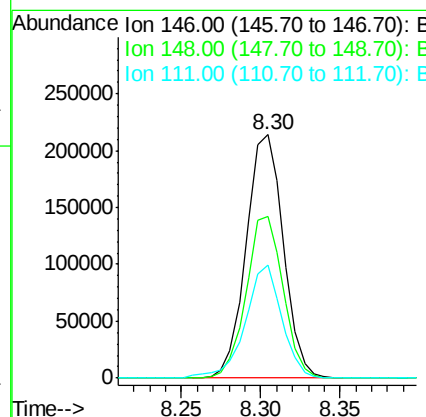
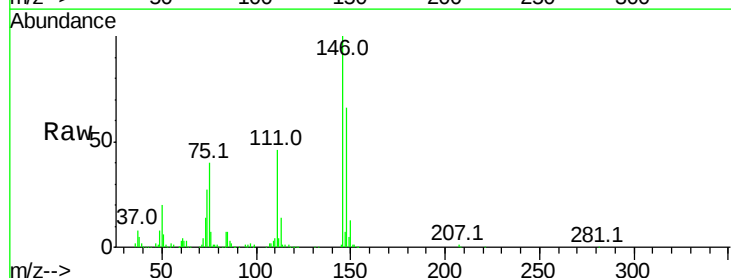
Instrument :  
 BNA\_M  
 ClientSampleId :  
 DSK-SB1(5-10)MS

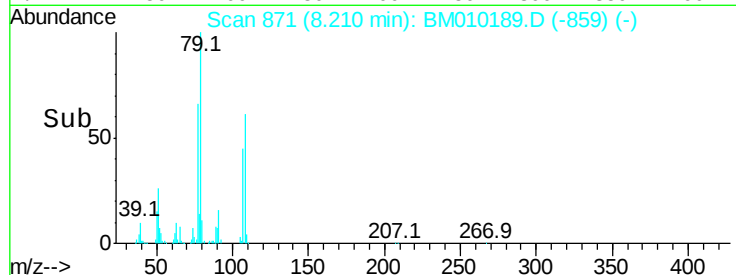
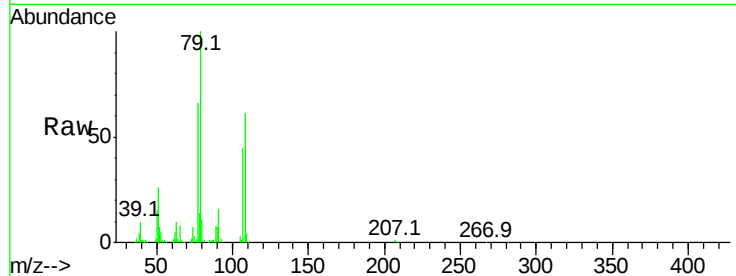
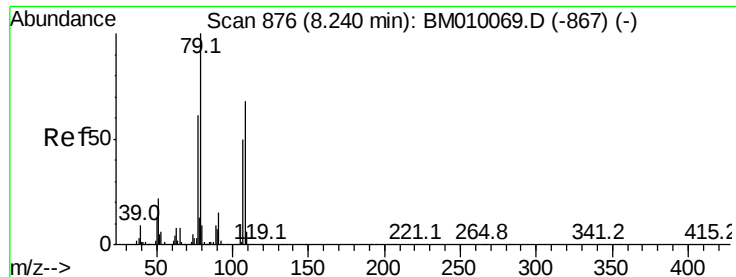
Tot Ion:146 Resp: 363254  
 Ion Ratio Lower Upper  
 146 100  
 148 63.6 51.9 77.9  
 111 41.9 29.2 43.8



#14  
 1,2-Dichlorobenzene  
 Concen: 36.50 ng  
 RT: 8.30 min Scan# 887  
 Delta R.T. -0.02 min  
 Lab File: BM010189.D  
 Acq: 24 May 2017 20:14

Tgt Ion:146 Resp: 349082  
 Ion Ratio Lower Upper  
 146 100  
 148 66.4 52.3 78.5  
 111 46.3 30.6 45.8#





#15

Benzyl Alcohol

Concen: 44.02 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.03 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

Instrument :

BNA\_M

ClientSampleId :

DSK-SB1(5-10)MS

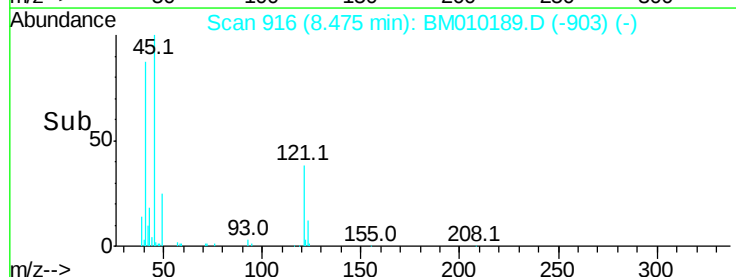
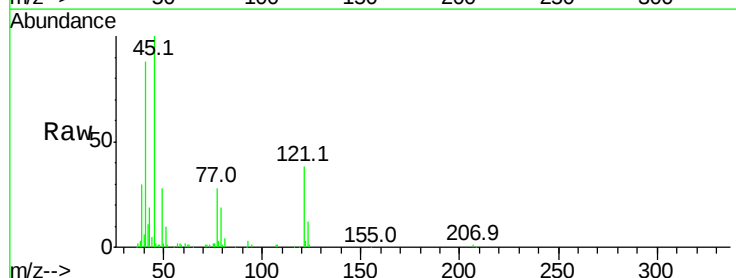
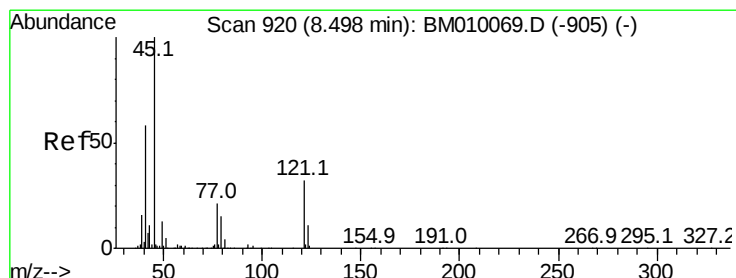
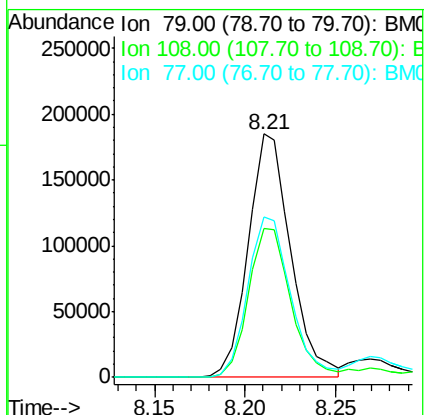
Tot Ion: 79 Resp: 300583

Ion Ratio Lower Upper

79 100

108 60.9 65.0 97.4#

77 65.9 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.17 ng

RT: 8.47 min Scan# 916

Delta R.T. -0.02 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

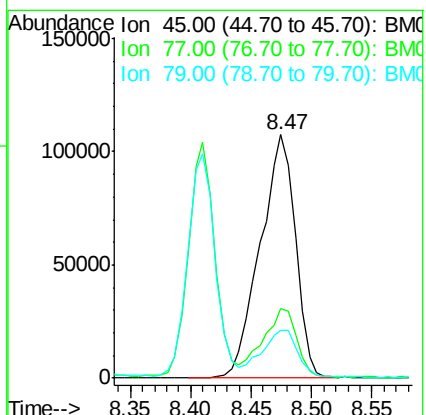
Tgt Ion: 45 Resp: 217284

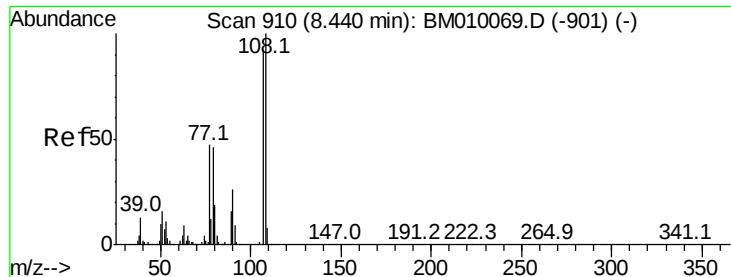
Ion Ratio Lower Upper

45 100

77 28.3 0.0 35.2

79 19.4 0.0 32.0

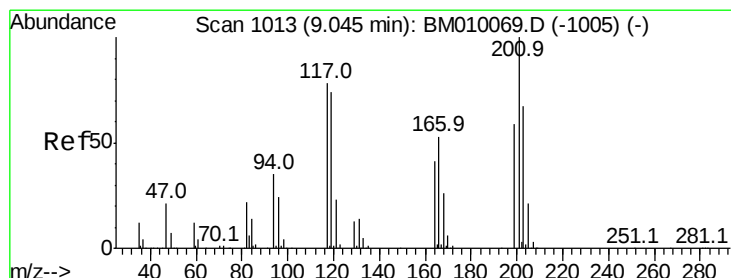
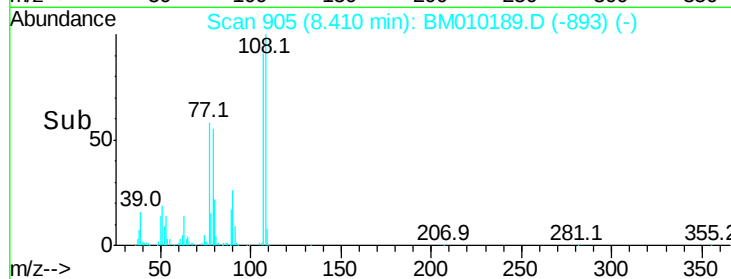
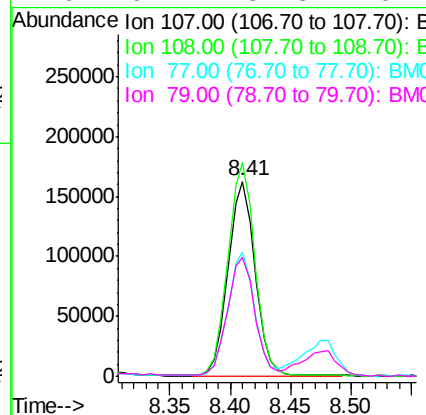
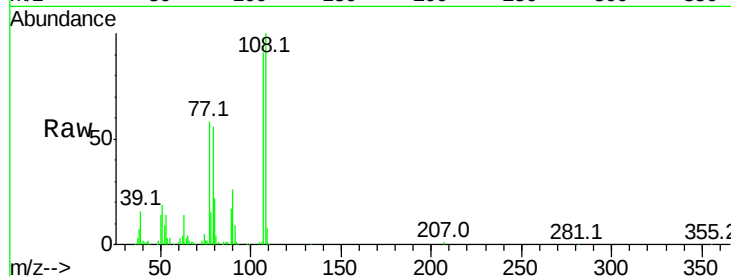




#17  
2-Methylphenol  
Concen: 37.21 ng  
RT: 8.41 min Scan# 905  
Delta R.T. -0.03 min  
Lab File: BM010189.D  
Acq: 24 May 2017 20:14

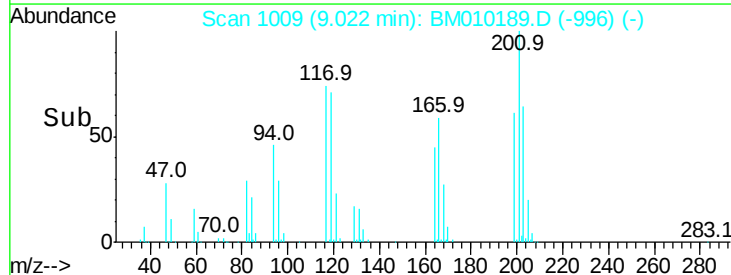
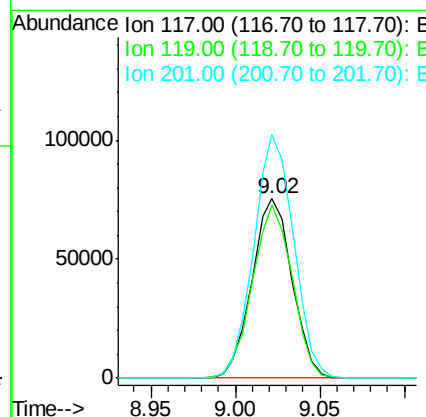
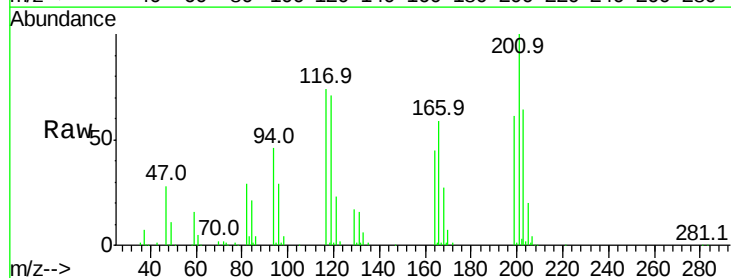
Instrument :  
BNA\_M  
ClientSampleId :  
DSK-SB1(5-10)MS

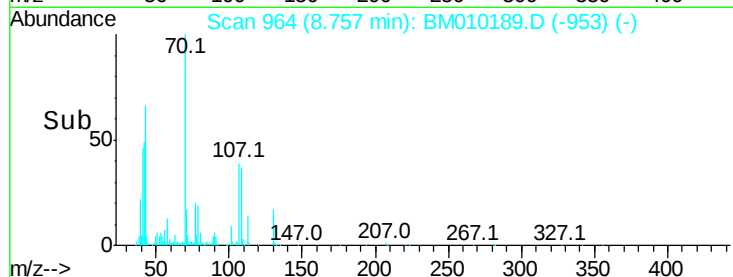
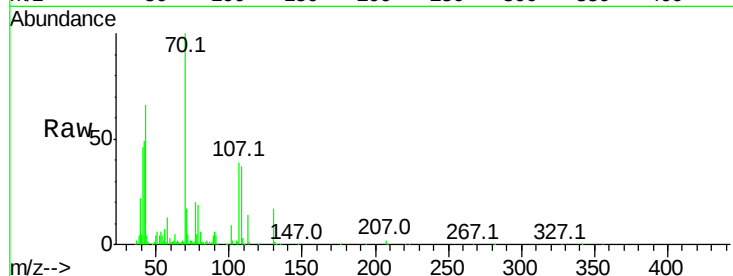
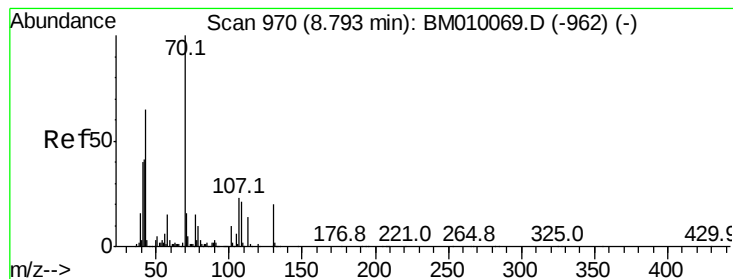
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 109.7 | 89.8  | 134.8 |
| 77      | 64.0  | 32.6  | 48.8# |
| 79      | 61.1  | 32.8  | 49.2# |



#18  
Hexachloroethane  
Concen: 38.43 ng  
RT: 9.02 min Scan# 1009  
Delta R.T. -0.02 min  
Lab File: BM010189.D  
Acq: 24 May 2017 20:14

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 96.9  | 79.2  | 118.8  |
| 201     | 135.9 | 69.8  | 104.6# |





#19

n-Nitroso-di-n-propylamine

Concen: 40.24 ng

RT: 8.76 min Scan# 964

Delta R.T. -0.04 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

Instrument :

BNA\_M

ClientSampleId :

DSK-SB1(5-10)MS

Tot Ion: 70 Resp: 256358

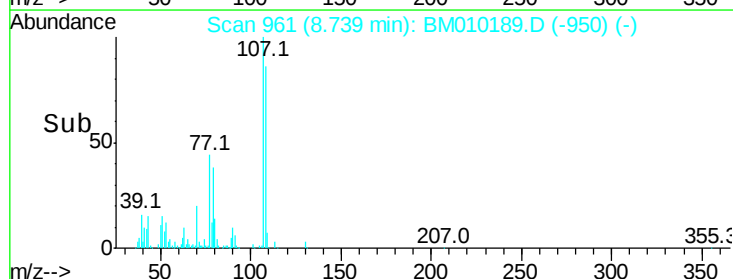
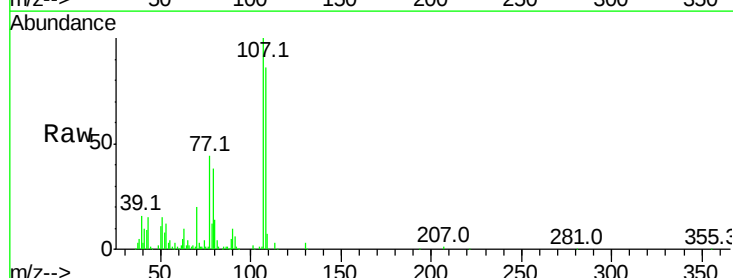
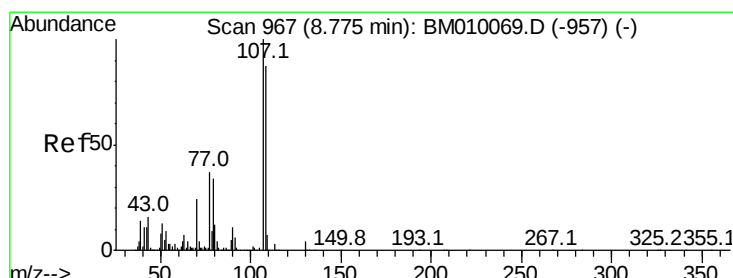
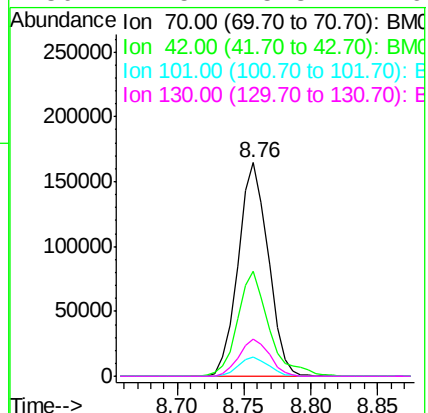
Ion Ratio Lower Upper

70 100

42 49.4 44.5 66.7

101 9.1 7.4 11.2

130 17.5 15.3 22.9



#20

3+4-Methylphenols

Concen: 37.49 ng

RT: 8.74 min Scan# 961

Delta R.T. -0.04 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

Tgt Ion: 107 Resp: 342704

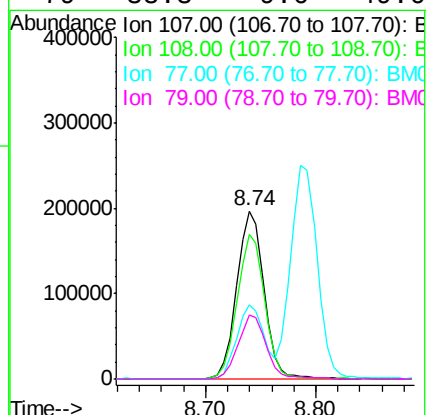
Ion Ratio Lower Upper

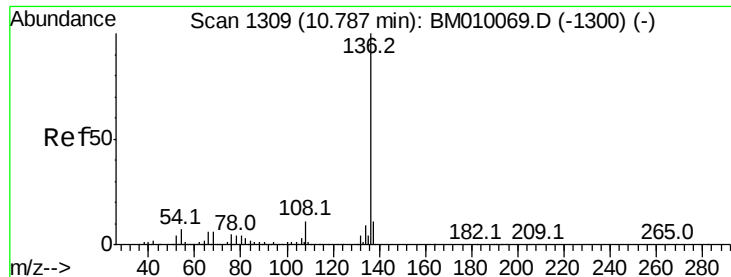
107 100

108 86.2 73.2 113.2

77 44.0 10.7 50.7

79 38.3 9.6 49.6

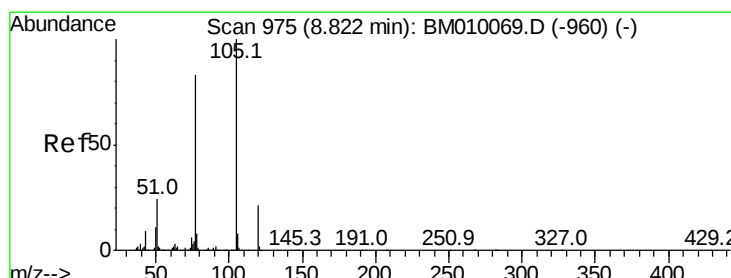
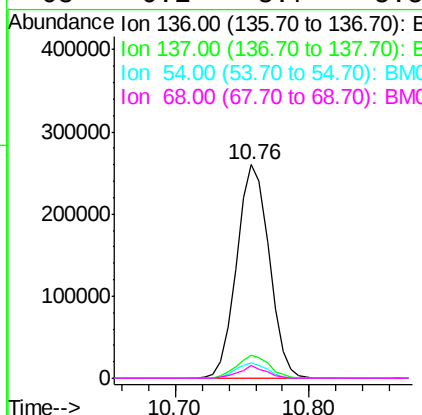
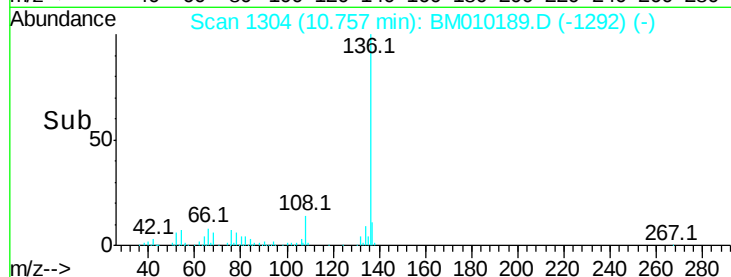
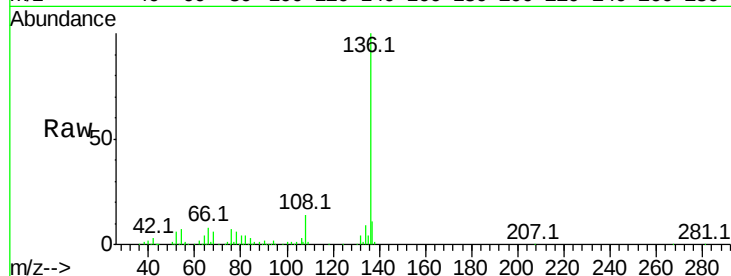




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.76 min Scan# 1304  
Delta R.T. -0.03 min  
Lab File: BM010189.D  
Acq: 24 May 2017 20:14

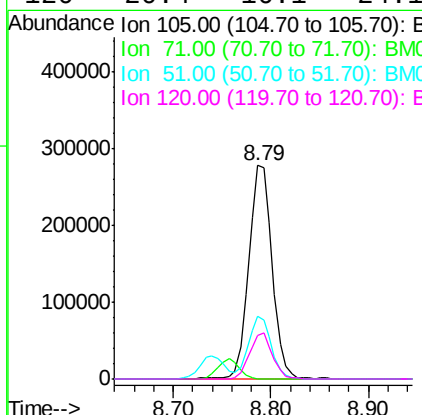
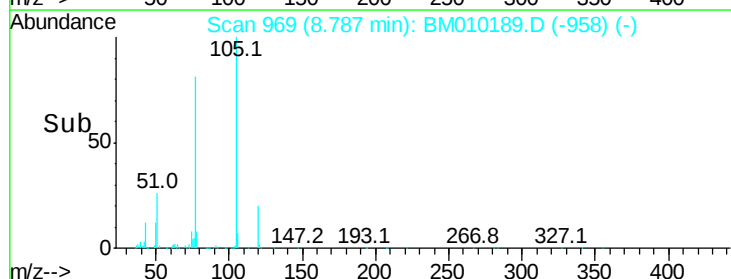
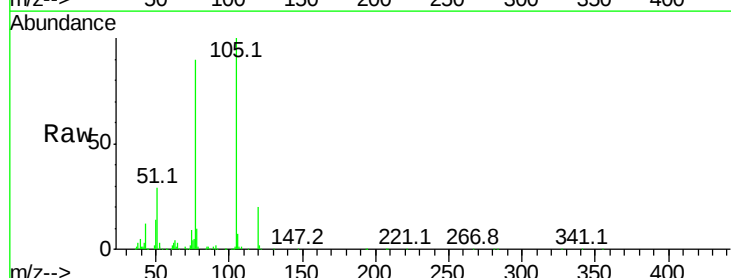
Instrument :  
BNA\_M  
ClientSampleId :  
DSK-SB1(5-10)MS

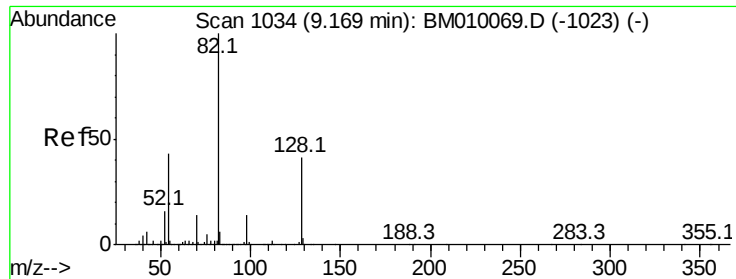
|             |       |        |  |
|-------------|-------|--------|--|
| Tot Ion:136 | Resp: | 438533 |  |
| Ion Ratio   | Lower | Upper  |  |
| 136 100     |       |        |  |
| 137 11.0    | 8.7   | 13.1   |  |
| 54 7.0      | 4.6   | 6.8#   |  |
| 68 6.1      | 3.7   | 5.5#   |  |



#22  
Acetophenone  
Concen: 41.64 ng  
RT: 8.79 min Scan# 969  
Delta R.T. -0.04 min  
Lab File: BM010189.D  
Acq: 24 May 2017 20:14

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 468057 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 0.2     | 0.6   | 1.0#   |
| 51  | 29.4    | 21.6  | 32.4   |
| 120 | 20.4    | 16.1  | 24.1   |

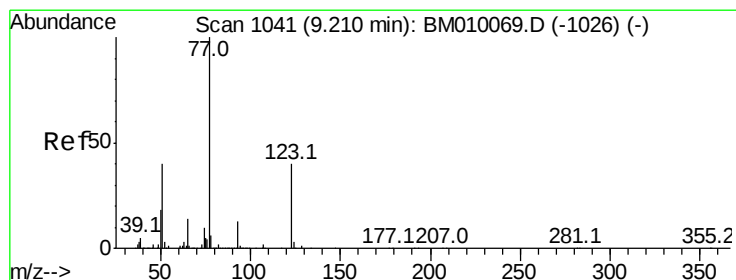
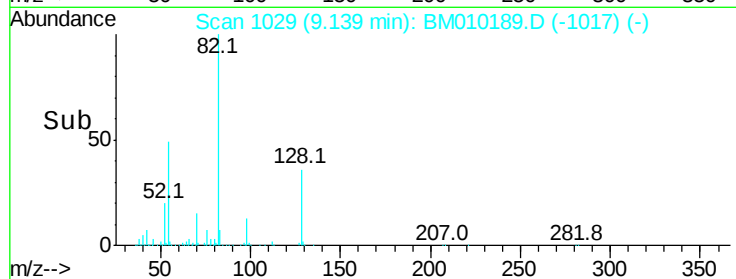
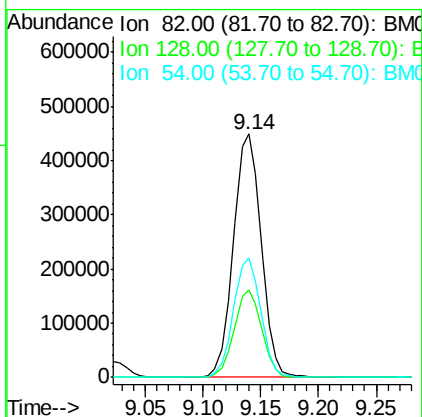
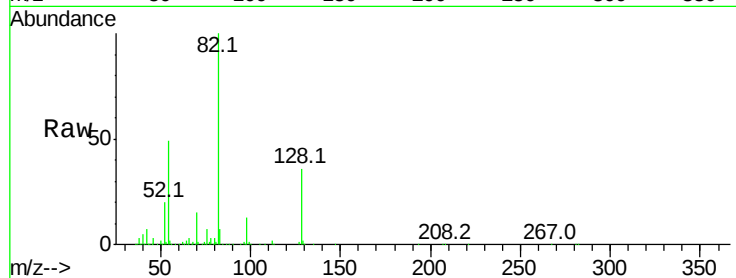




#23  
Nitrobenzene-d5  
Concen: 92.19 ng  
RT: 9.14 min Scan# 1029  
Delta R.T. -0.03 min  
Lab File: BM010189.D  
Acq: 24 May 2017 20:14

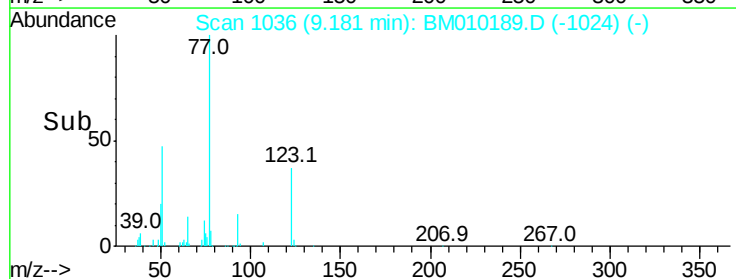
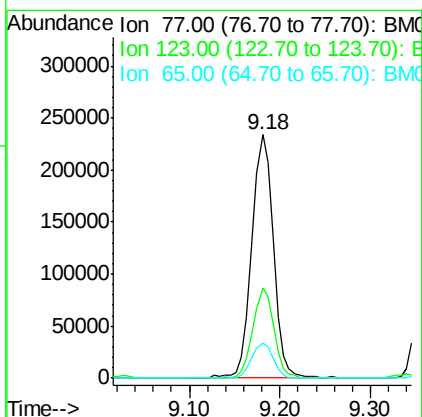
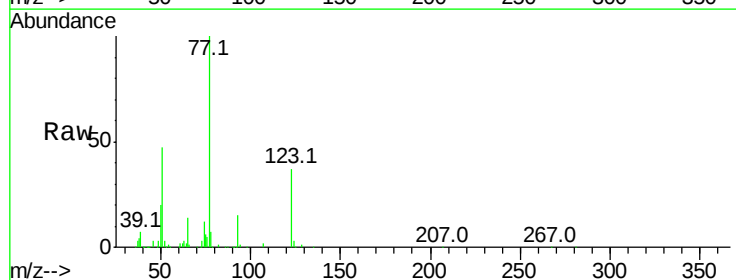
Instrument :  
BNA\_M  
ClientSampleId :  
DSK-SB1(5-10)MS

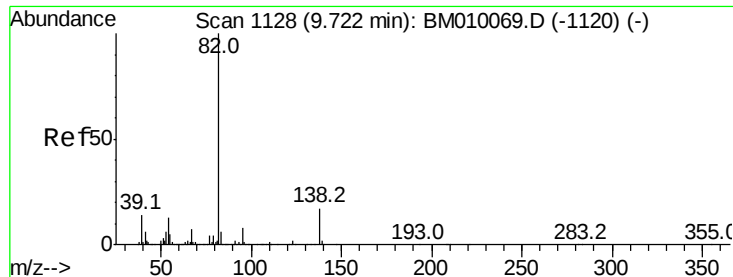
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 36.0  | 32.8  | 49.2  |
| 54      | 49.0  | 40.6  | 60.8  |



#24  
Nitrobenzene  
Concen: 45.78 ng  
RT: 9.18 min Scan# 1036  
Delta R.T. -0.03 min  
Lab File: BM010189.D  
Acq: 24 May 2017 20:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 36.8  | 32.6  | 49.0  |
| 65      | 14.3  | 10.9  | 16.3  |





#25

Isophorone

Concen: 43.51 ng

RT: 9.69 min Scan# 1122

Delta R.T. -0.04 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

Instrument :

BNA\_M

ClientSampleId :

DSK-SB1(5-10)MS

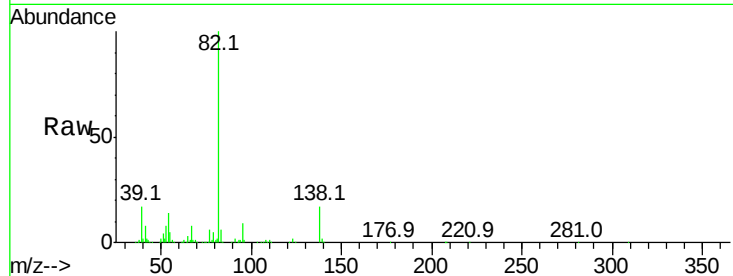
Tot Ion: 82 Resp: 611073

Ion Ratio Lower Upper

82 100

95 9.1 5.8 8.6#

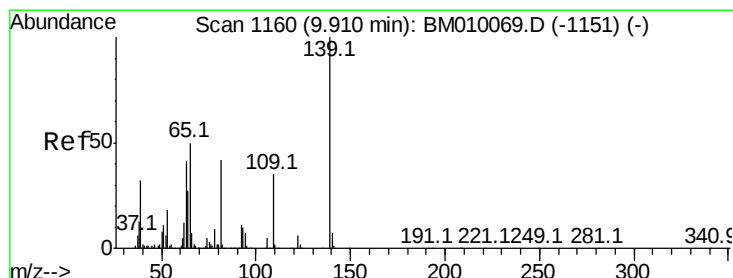
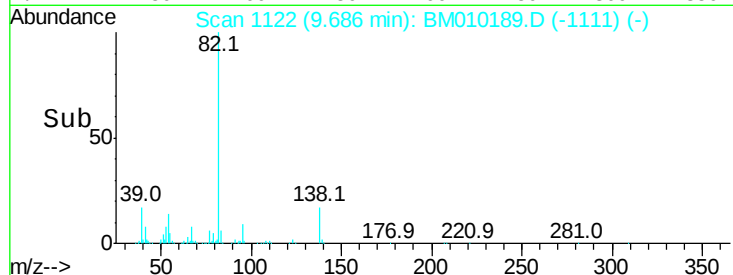
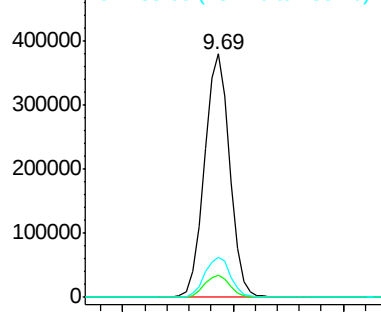
138 16.6 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BM010069.D (-1120) (-)

Ion 95.00 (94.70 to 95.70): BM010069.D (-1120) (-)

Ion 138.00 (137.70 to 138.70): BM010069.D (-1120) (-)



#26

2-Nitrophenol

Concen: 43.62 ng

RT: 9.88 min Scan# 1155

Delta R.T. -0.03 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

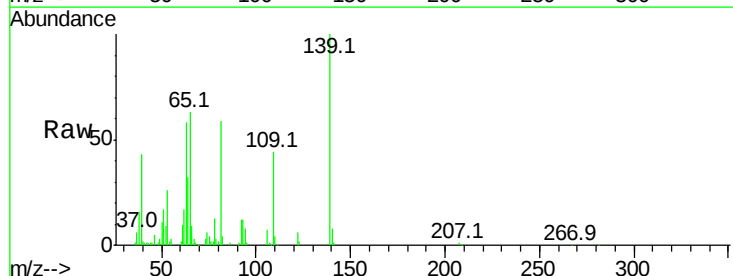
Tgt Ion: 139 Resp: 153967

Ion Ratio Lower Upper

139 100

109 43.5 20.1 30.1#

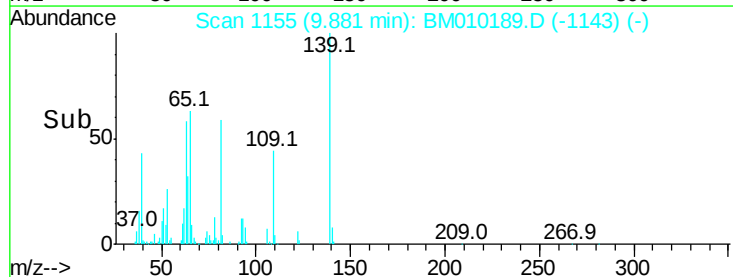
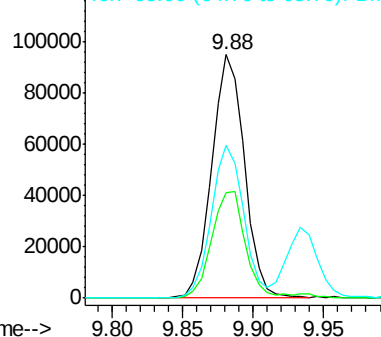
65 62.6 31.5 47.3#

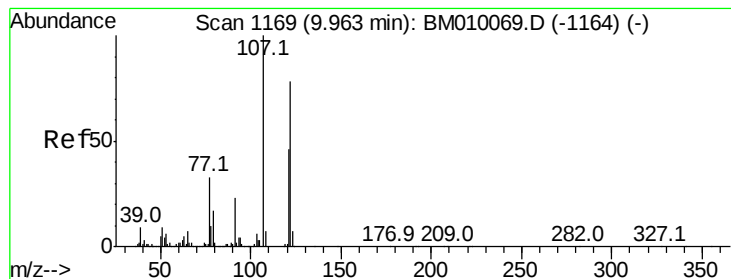


Abundance Ion 139.00 (138.70 to 139.70): BM010069.D (-1151) (-)

Ion 109.00 (108.70 to 109.70): BM010069.D (-1151) (-)

Ion 65.00 (64.70 to 65.70): BM010069.D (-1151) (-)





#27

2,4-Dimethylphenol

Concen: 41.01 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.03 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

Instrument :

BNA\_M

ClientSampleId :

DSK-SB1(5-10)MS

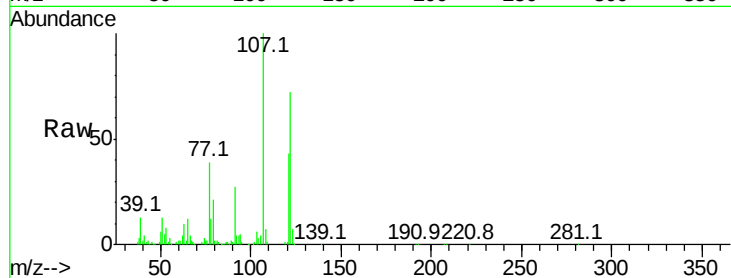
Tot Ion:122 Resp: 261354

Ion Ratio Lower Upper

122 100

107 139.5 84.7 127.1#

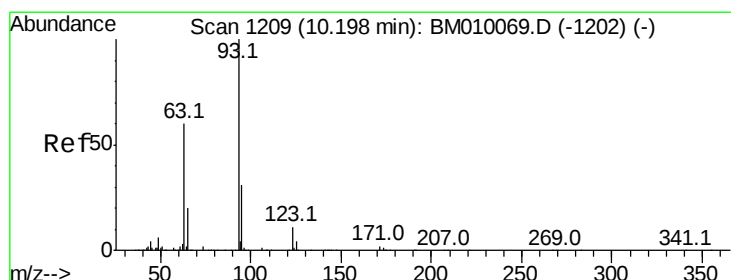
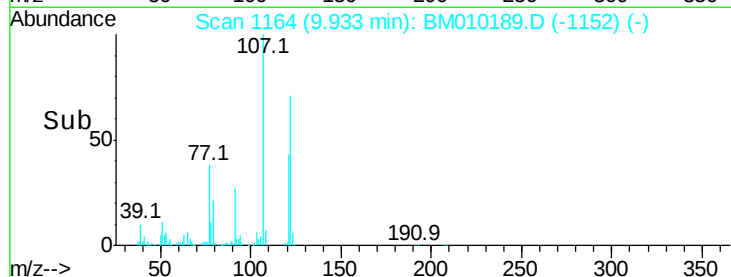
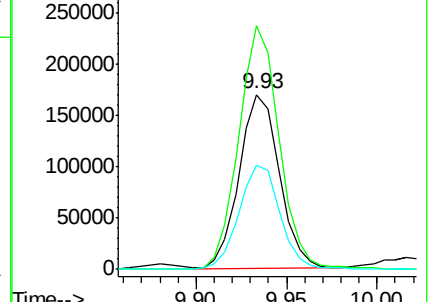
121 60.0 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.64 ng

RT: 10.17 min Scan# 1204

Delta R.T. -0.03 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

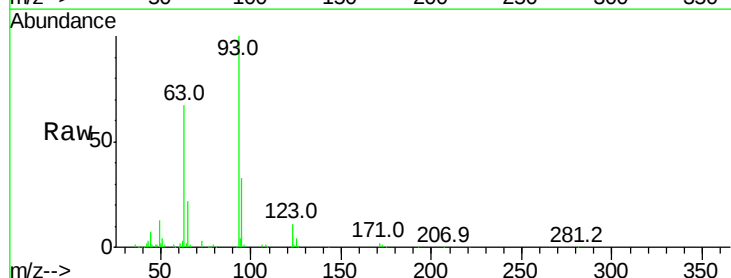
Tgt Ion: 93 Resp: 335483

Ion Ratio Lower Upper

93 100

95 32.8 25.5 38.3

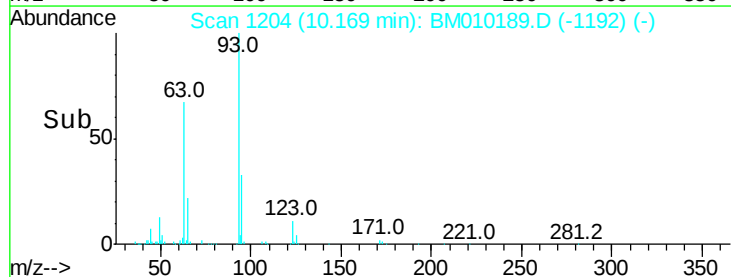
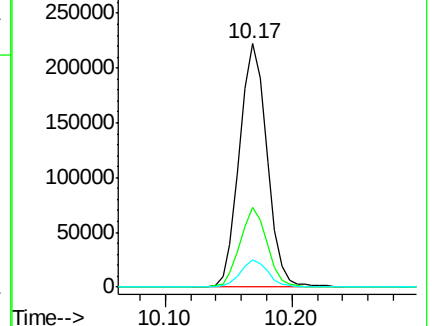
123 11.4 8.6 13.0

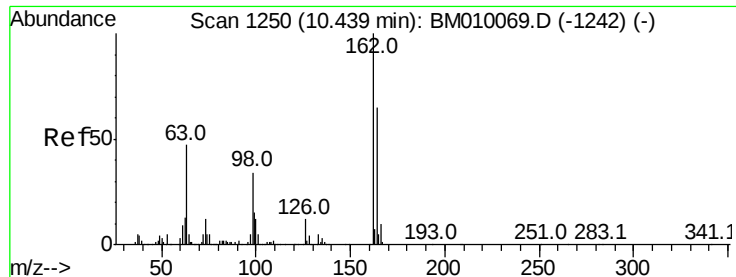


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

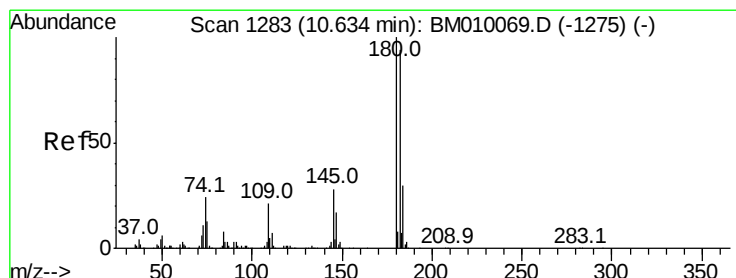
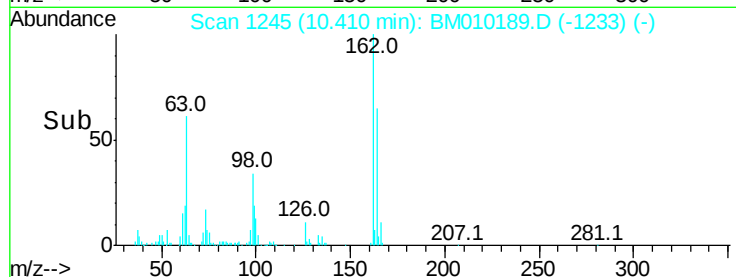
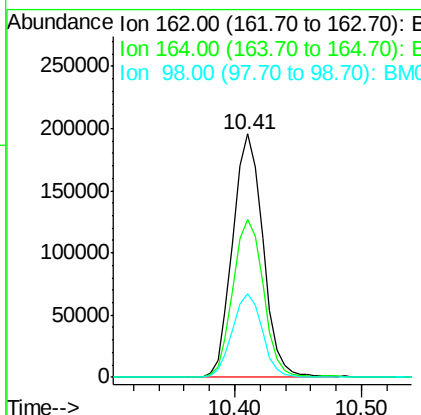
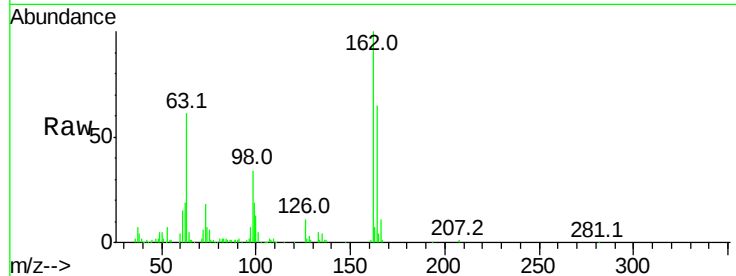




#29  
2,4-Dichlorophenol  
Concen: 44.26 ng  
RT: 10.41 min Scan# 1245  
Delta R.T. -0.03 min  
Lab File: BM010189.D  
Acq: 24 May 2017 20:14

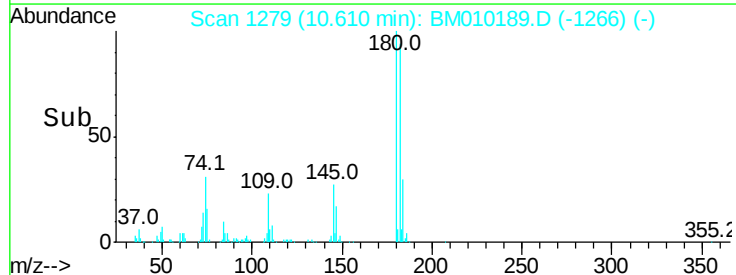
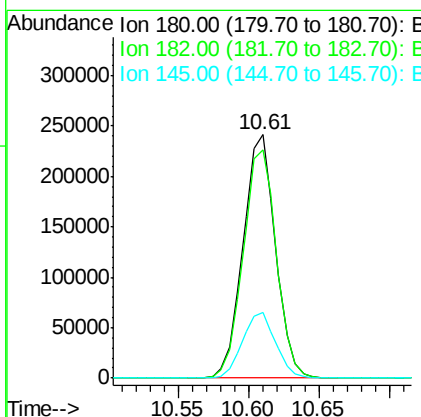
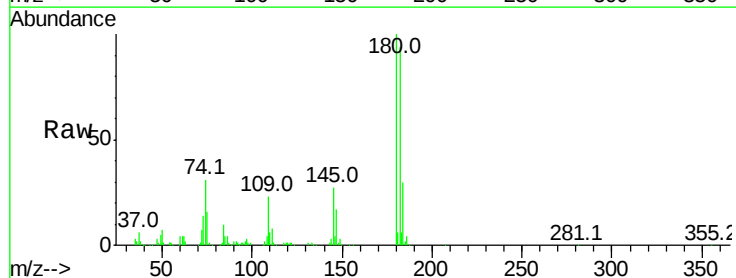
Instrument :  
BNA\_M  
ClientSampleId :  
DSK-SB1(5-10)MS

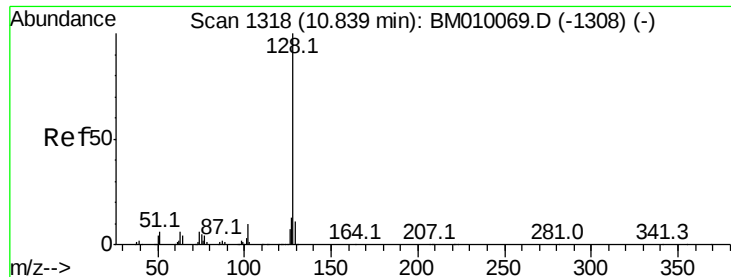
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.1  | 42.8  | 82.8  |
| 98      | 34.1  | 14.5  | 54.5  |



#30  
1,2,4-Trichlorobenzene  
Concen: 40.92 ng  
RT: 10.61 min Scan# 1279  
Delta R.T. -0.02 min  
Lab File: BM010189.D  
Acq: 24 May 2017 20:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.0  | 77.6  | 116.4 |
| 145     | 26.8  | 23.4  | 35.2  |

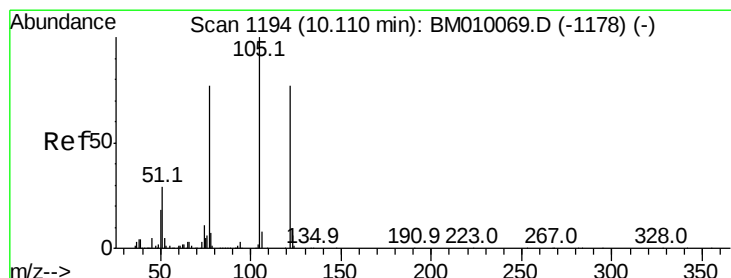
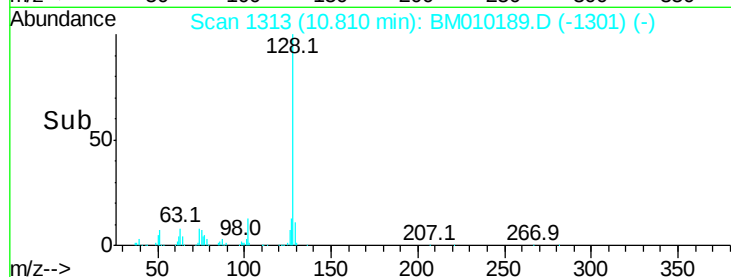
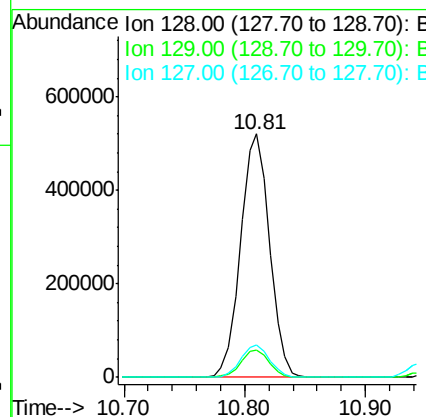
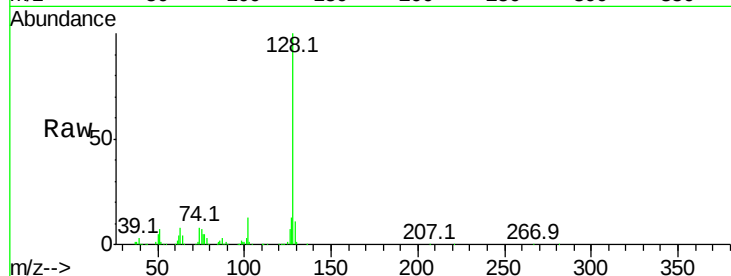




#31  
Naphthalene  
Concen: 37.17 ng  
RT: 10.81 min Scan# 1313  
Delta R.T. -0.03 min  
Lab File: BM010189.D  
Acq: 24 May 2017 20:14

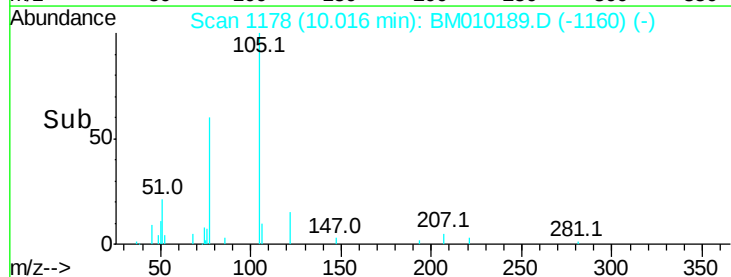
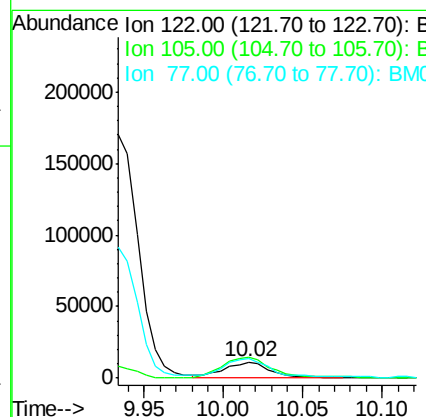
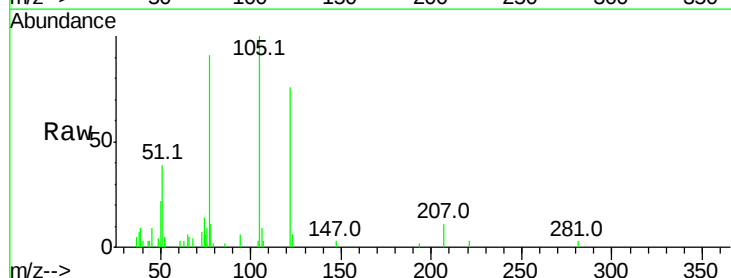
Instrument :  
BNA\_M  
ClientSampleId :  
DSK-SB1(5-10)MS

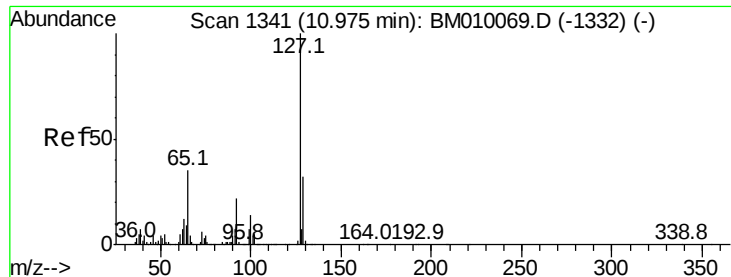
Tot Ion:128 Resp: 871988  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.9 13.3  
127 13.4 10.4 15.6



#32  
Benzoic acid  
Concen: 4.83 ng  
RT: 10.02 min Scan# 1178  
Delta R.T. -0.09 min  
Lab File: BM010189.D  
Acq: 24 May 2017 20:14

Tgt Ion:122 Resp: 20962  
Ion Ratio Lower Upper  
122 100  
105 130.8 99.9 139.9  
77 118.6 73.7 113.7#

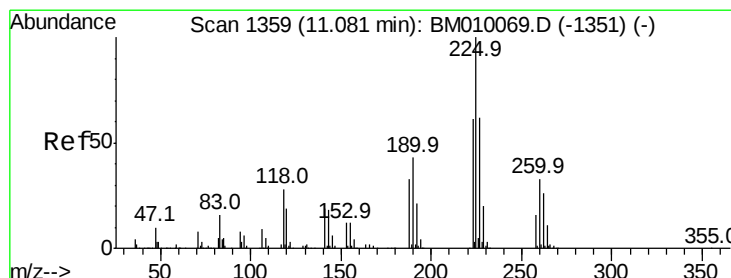
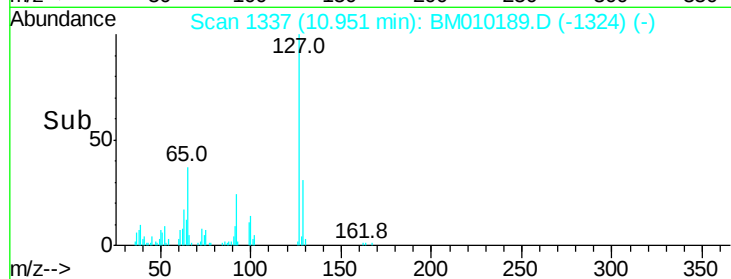
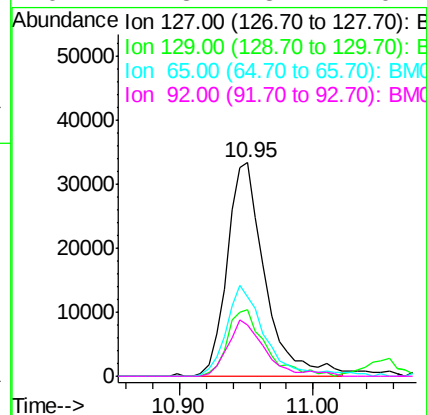
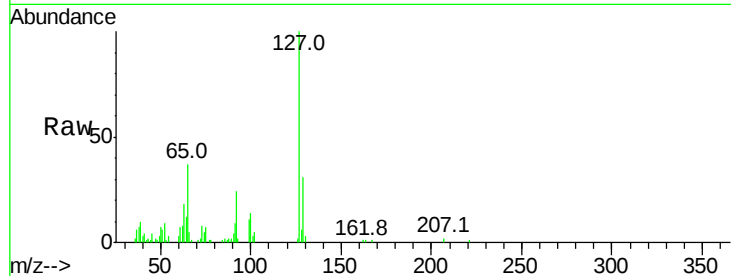




#33  
4-Chloroaniline  
Concen: 7.31 ng  
RT: 10.95 min Scan# 1337  
Delta R.T. -0.02 min  
Lab File: BM010189.D  
Acq: 24 May 2017 20:14

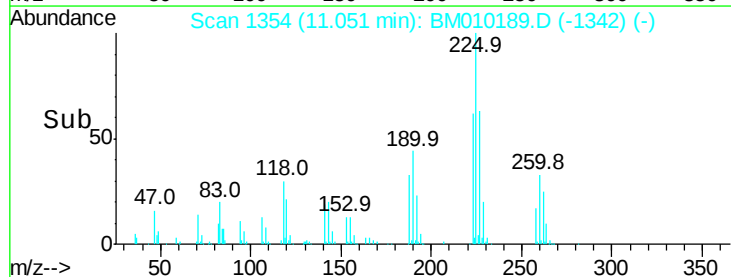
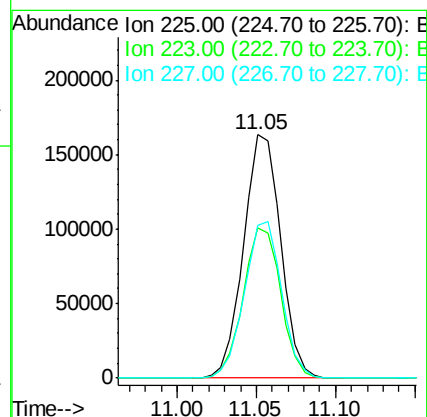
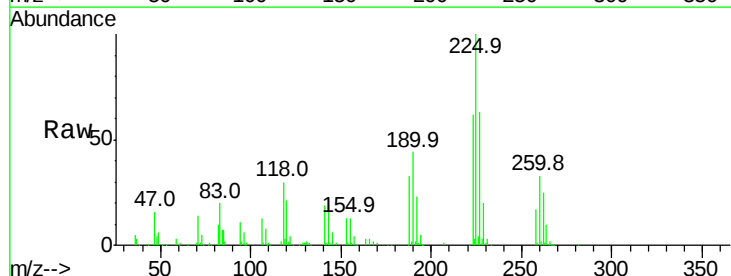
Instrument :  
BNA\_M  
ClientSampleId :  
DSK-SB1(5-10)MS

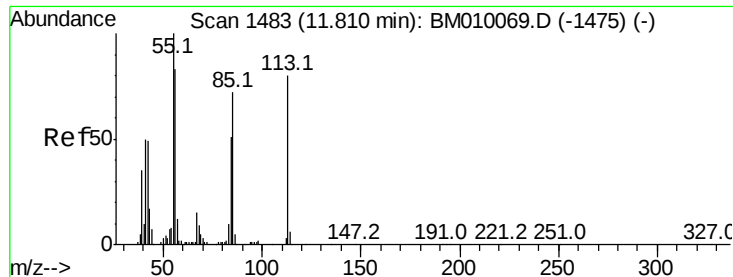
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 30.9  | 25.3  | 37.9  |
| 65      | 37.1  | 17.6  | 26.4  |
| 92      | 24.3  | 13.1  | 19.7  |



#34  
Hexachlorobutadiene  
Concen: 42.01 ng  
RT: 11.05 min Scan# 1354  
Delta R.T. -0.03 min  
Lab File: BM010189.D  
Acq: 24 May 2017 20:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.5  | 47.9  | 71.9  |
| 227     | 62.8  | 50.1  | 75.1  |





#35

Caprolactam

Concen: 36.35 ng

RT: 11.76 min Scan# 1474

Delta R.T. -0.05 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

Instrument :

BNA\_M

ClientSampleId :

DSK-SB1(5-10)MS

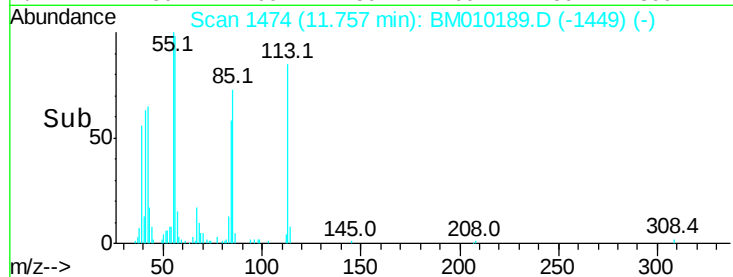
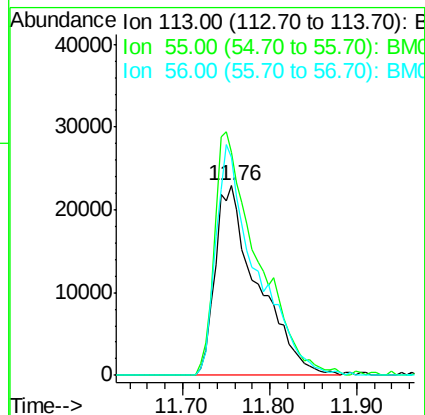
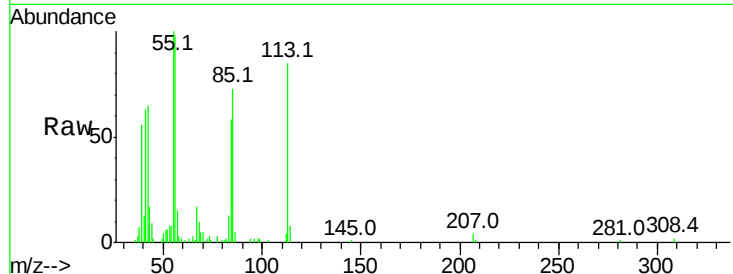
Tot Ion:113 Resp: 76544

Ion Ratio Lower Upper

113 100

55 117.7 145.9 185.9#

56 115.1 101.0 141.0



#36

4-Chloro-3-methylphenol

Concen: 40.26 ng

RT: 12.06 min Scan# 1525

Delta R.T. -0.03 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

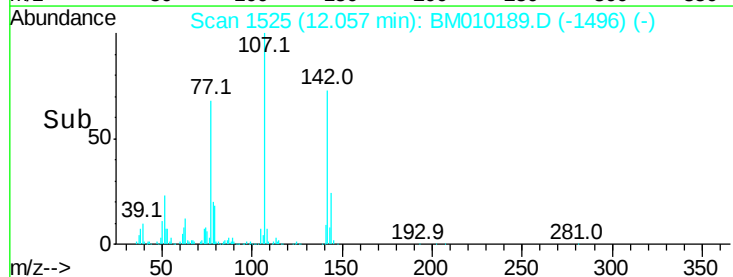
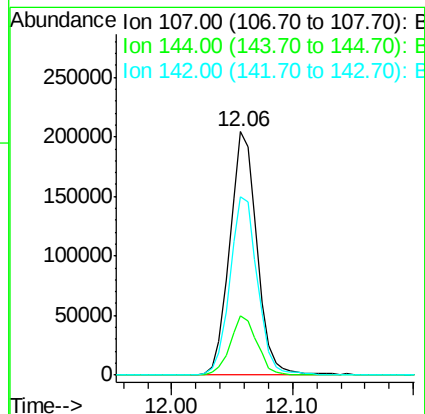
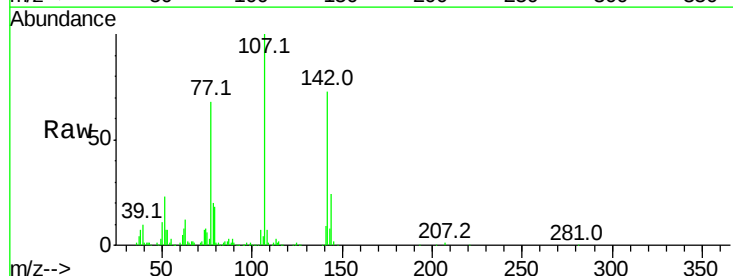
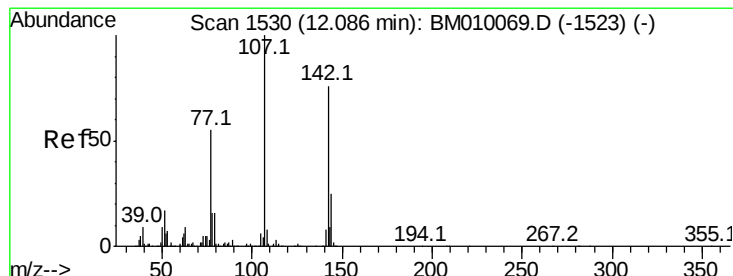
Tgt Ion:107 Resp: 319983

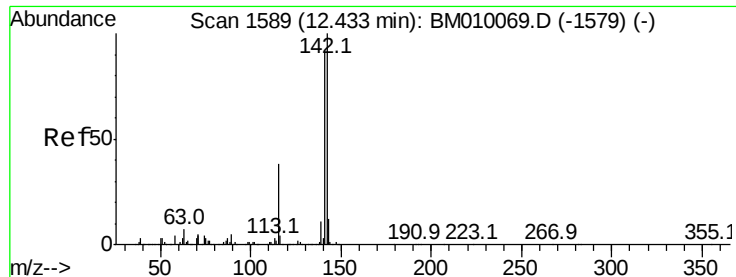
Ion Ratio Lower Upper

107 100

144 24.4 23.3 34.9

142 73.5 72.6 109.0

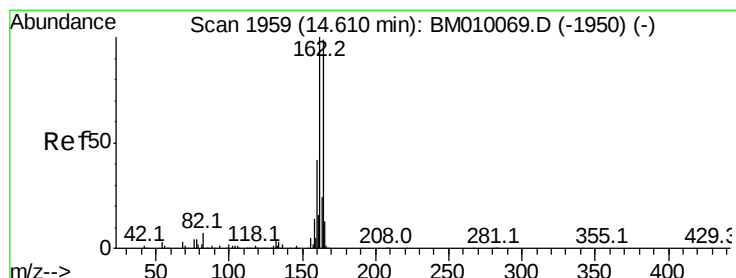
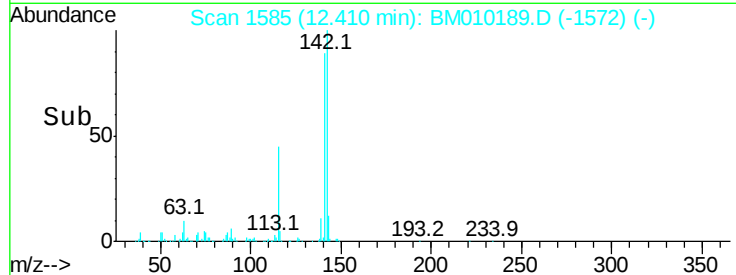
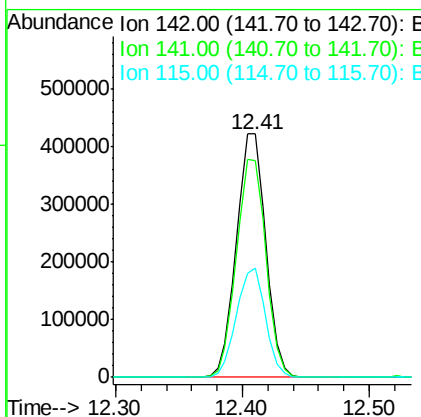
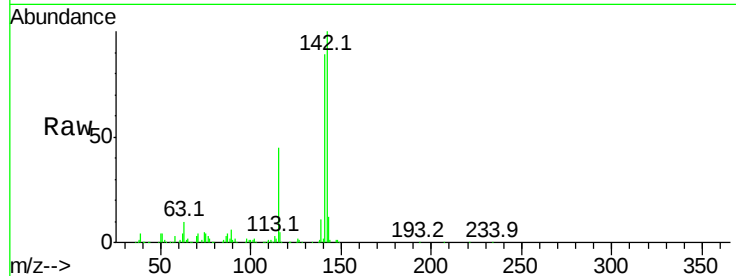




#37  
 2-Methylnaphthalene  
 Concen: 40.17 ng  
 RT: 12.41 min Scan# 1585  
 Delta R.T. -0.02 min  
 Lab File: BM010189.D  
 Acq: 24 May 2017 20:14

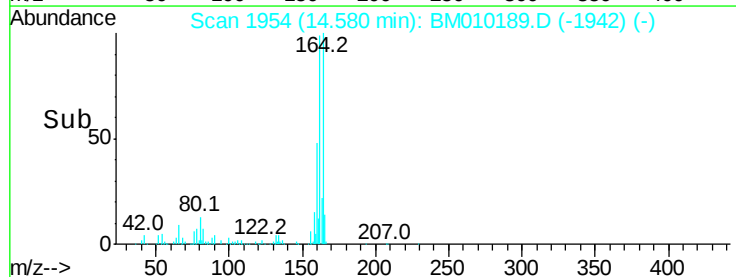
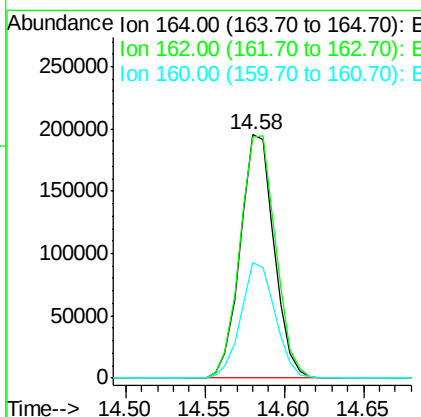
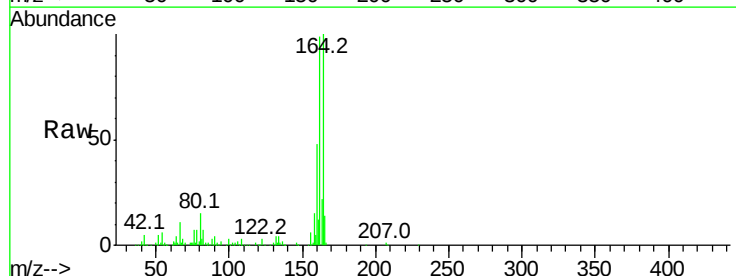
Instrument :  
 BNA\_M  
 ClientSampleId :  
 DSK-SB1(5-10)MS

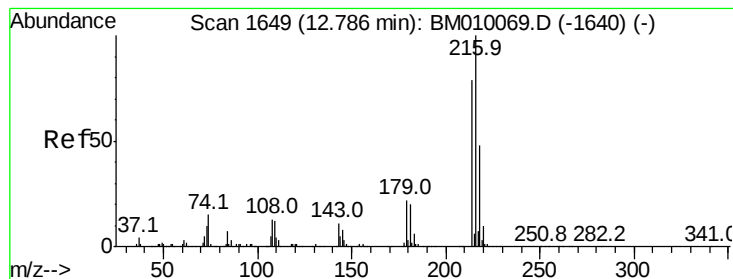
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.9  | 71.9  | 107.9 |
| 115     | 44.7  | 25.4  | 38.0  |



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.58 min Scan# 1954  
 Delta R.T. -0.03 min  
 Lab File: BM010189.D  
 Acq: 24 May 2017 20:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 99.1  | 82.4  | 123.6 |
| 160     | 47.6  | 35.8  | 53.6  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.43 ng

RT: 12.76 min Scan# 1645

Delta R.T. -0.02 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

Instrument :

BNA\_M

ClientSampleId :

DSK-SB1(5-10)MS

Tot Ion:216 Resp: 448042

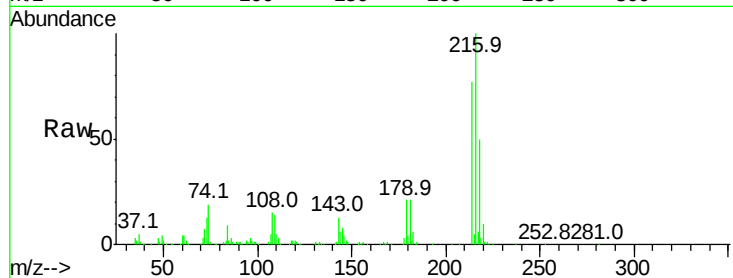
Ion Ratio Lower Upper

216 100

214 77.3 0.0 0.0#

179 21.6 0.0 0.0#

108 15.1 0.0 0.0#

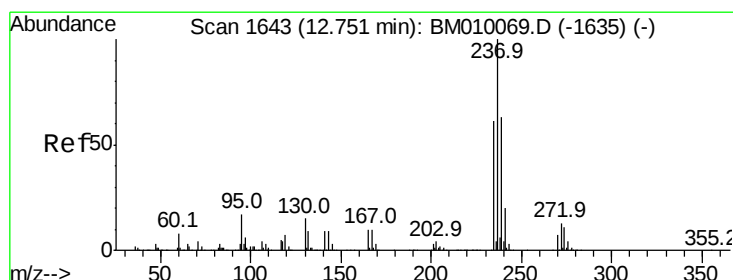
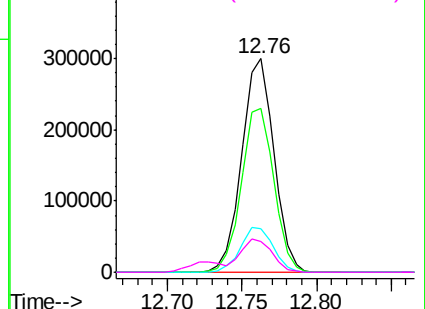
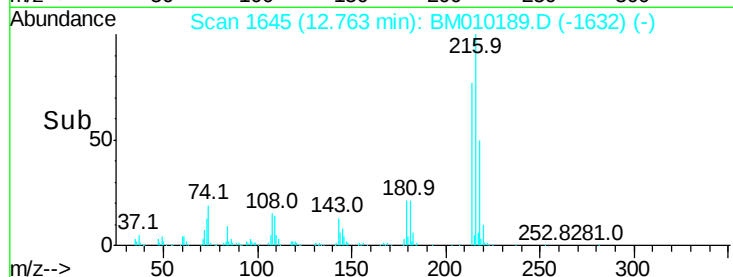


Abundance Ion 216.00 (215.70 to 216.70): E

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: 93.01 ng

RT: 12.73 min Scan# 1639

Delta R.T. -0.02 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

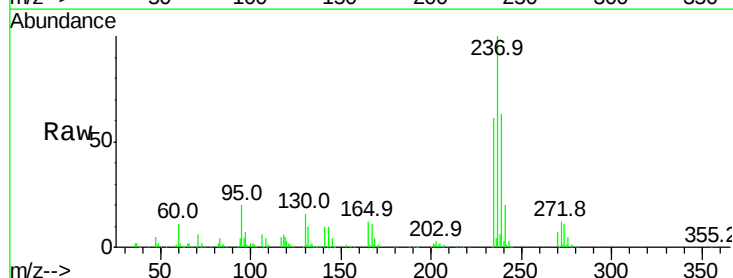
Tgt Ion:237 Resp: 595047

Ion Ratio Lower Upper

237 100

235 61.0 42.0 82.0

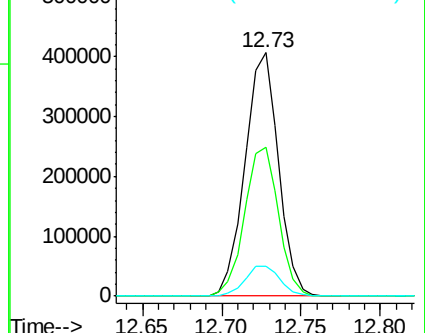
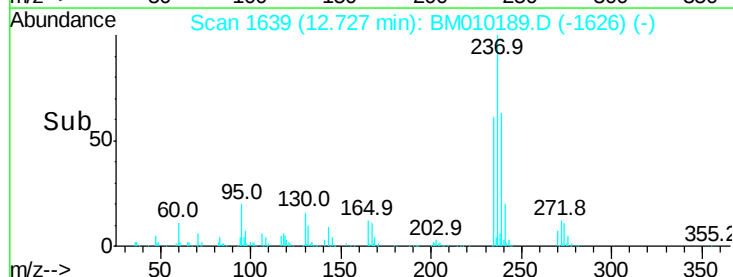
272 12.2 0.0 33.4

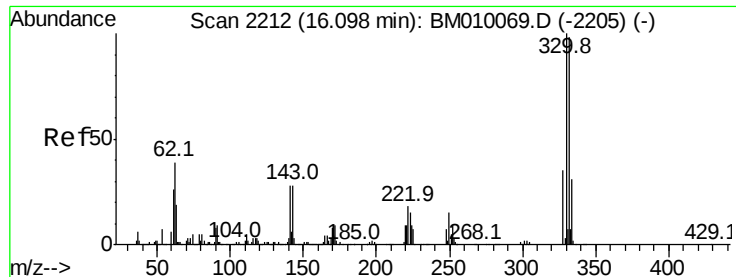


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

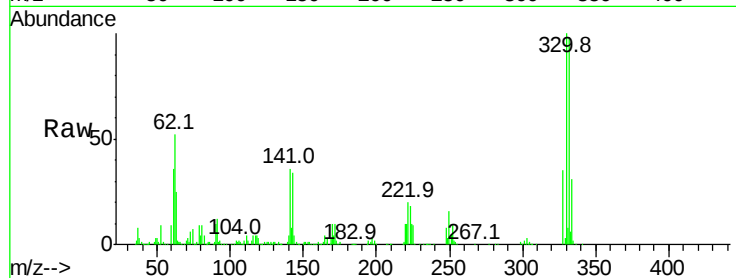




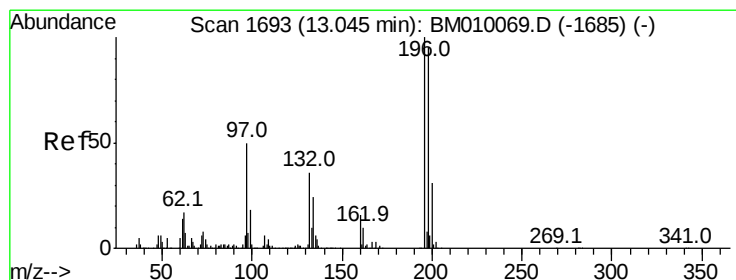
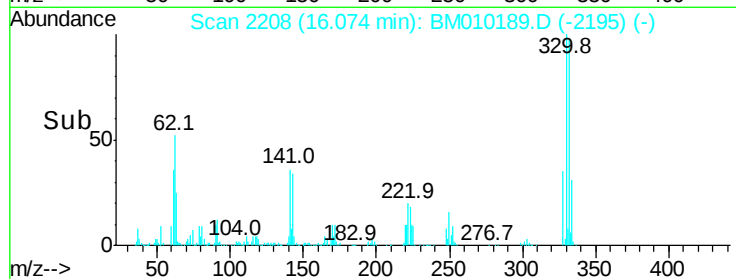
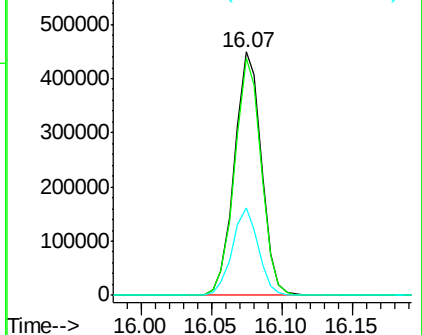
#41  
 2,4,6-Tribromophenol  
 Concen: 136.54 ng  
 RT: 16.07 min Scan# 2208  
 Delta R.T. -0.02 min  
 Lab File: BM010189.D  
 Acq: 24 May 2017 20:14

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DSK-SB1(5-10)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.1  | 0.0   | 0.0#  |
| 141     | 34.8  | 0.0   | 0.0#  |

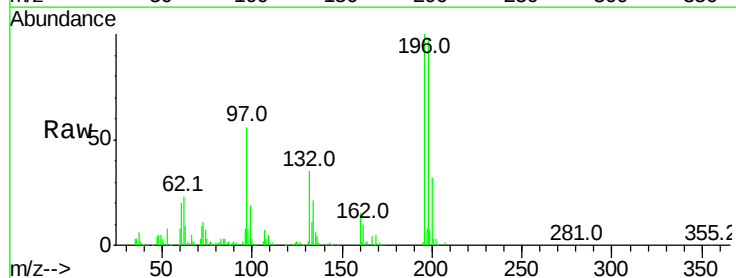


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

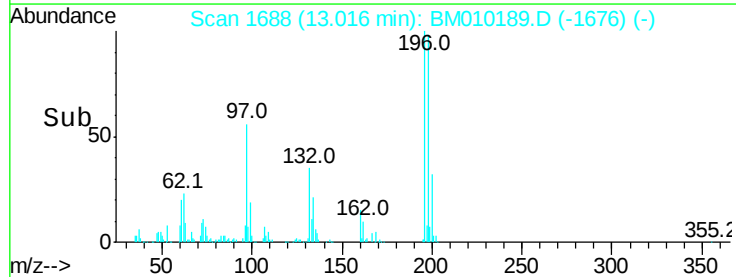
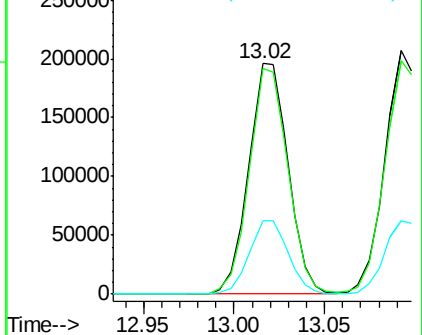


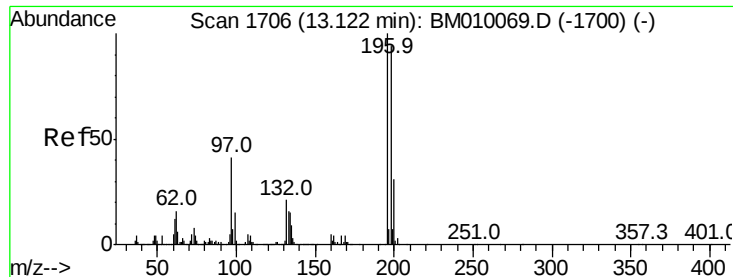
#42  
 2,4,6-Trichlorophenol  
 Concen: 45.53 ng  
 RT: 13.02 min Scan# 1688  
 Delta R.T. -0.03 min  
 Lab File: BM010189.D  
 Acq: 24 May 2017 20:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 97.8  | 76.3  | 114.5 |
| 200     | 31.8  | 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

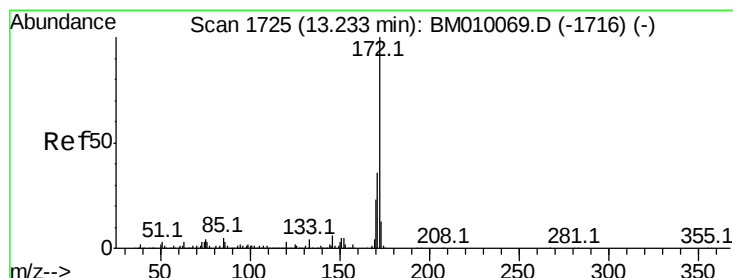
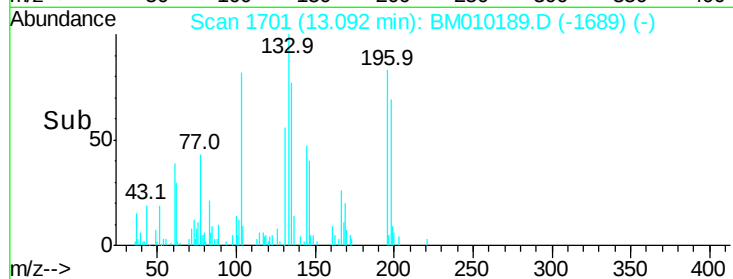
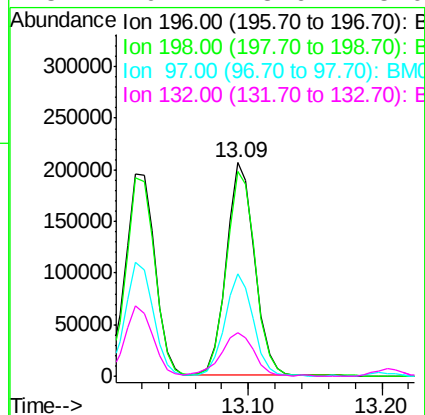
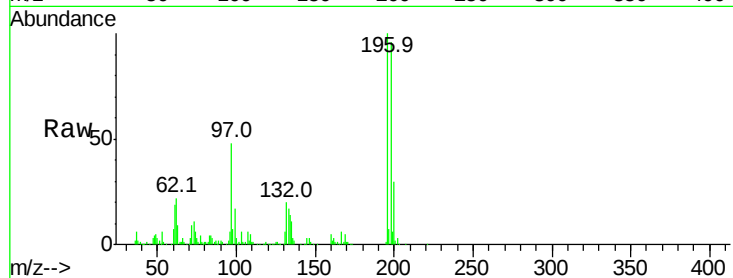




#43  
2,4,5-Trichlorophenol  
Concen: 42.49 ng  
RT: 13.09 min Scan# 1701  
Delta R.T. -0.03 min  
Lab File: BM010189.D  
Acq: 24 May 2017 20:14

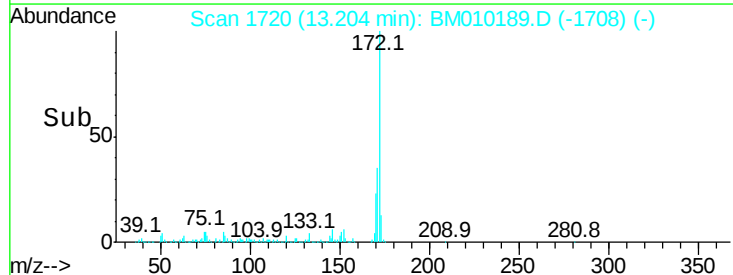
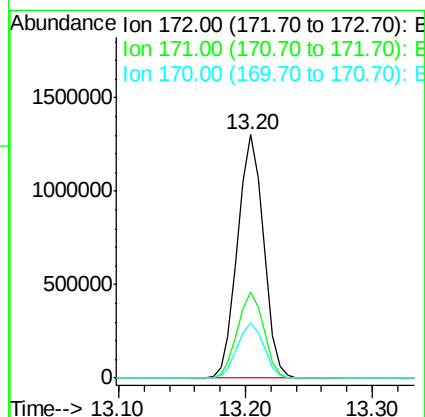
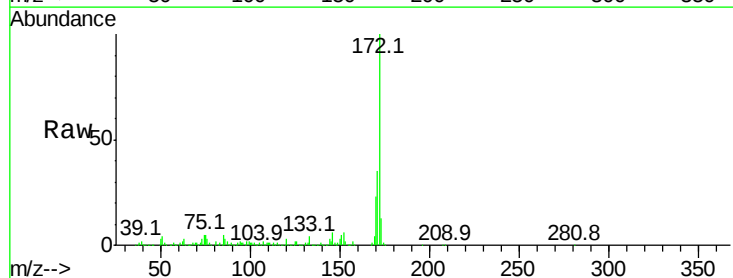
Instrument :  
BNA\_M  
ClientSampleId :  
DSK-SB1(5-10)MS

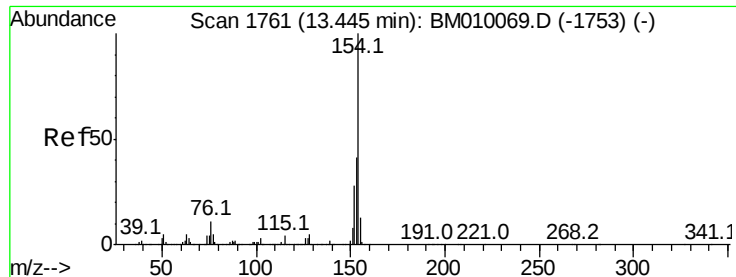
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.7  | 79.4  | 119.0 |
| 97      | 48.0  | 26.8  | 40.2  |
| 132     | 20.2  | 18.6  | 28.0  |



#44  
2-Fluorobiphenyl  
Concen: 82.43 ng  
RT: 13.20 min Scan# 1720  
Delta R.T. -0.03 min  
Lab File: BM010189.D  
Acq: 24 May 2017 20:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.3  | 28.5  | 42.7  |
| 170     | 22.8  | 18.8  | 28.2  |





#45

1,1'-Biphenyl

Concen: 39.12 ng

RT: 13.42 min Scan# 1756

Delta R.T. -0.03 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

Instrument :

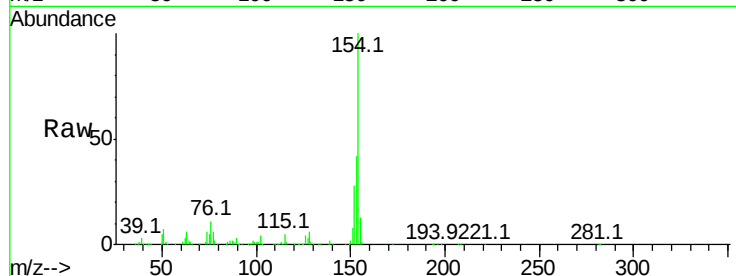
BNA\_M

ClientSampleId :

DSK-SB1(5-10)MS

Tot Ion:154 Resp: 926996

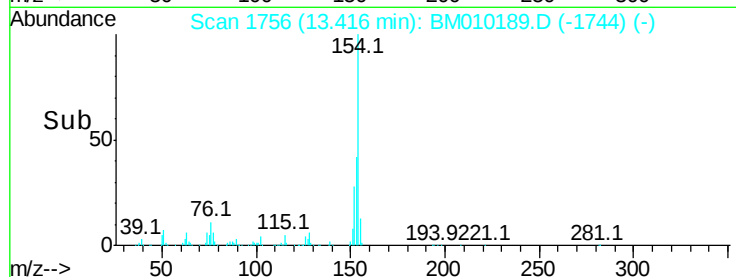
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 41.7  | 20.7  | 60.7  |
| 76  | 10.9  | 0.0   | 30.9  |



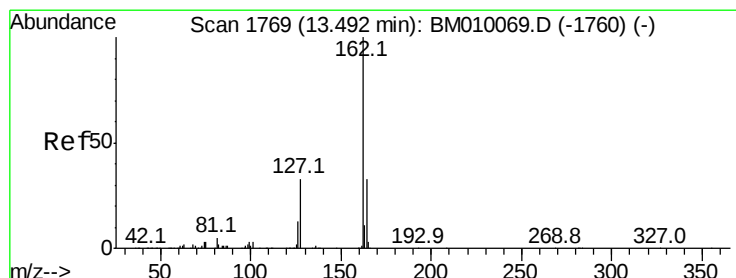
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



Time-->



#46

2-Chloronaphthalene

Concen: 38.63 ng

RT: 13.46 min Scan# 1764

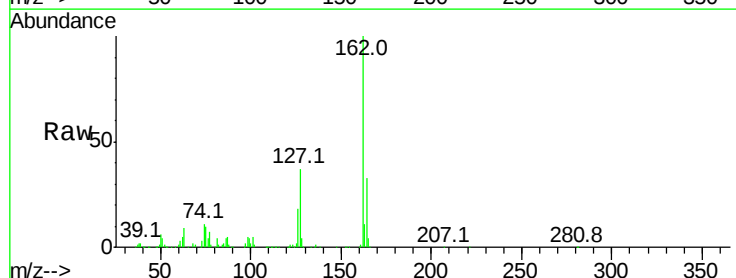
Delta R.T. -0.03 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

Tgt Ion:162 Resp: 741057

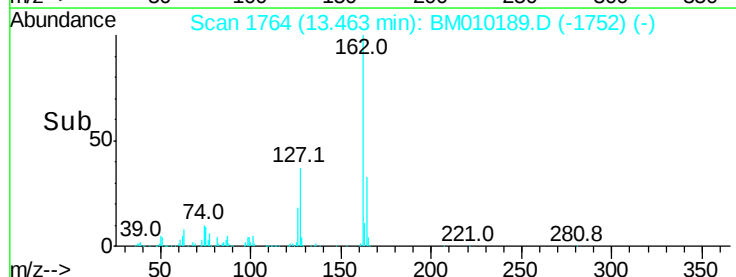
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 127 | 36.8  | 26.9  | 40.3  |
| 164 | 33.1  | 26.8  | 40.2  |



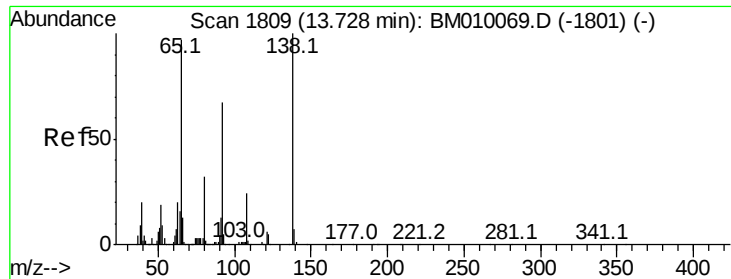
Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



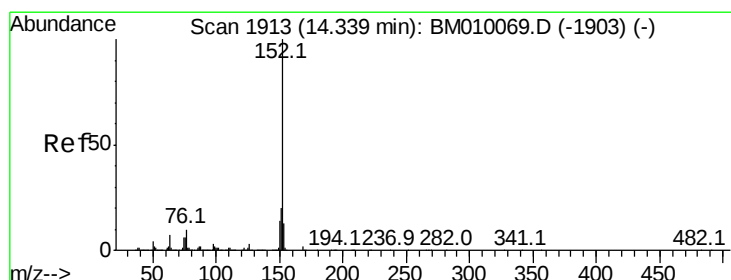
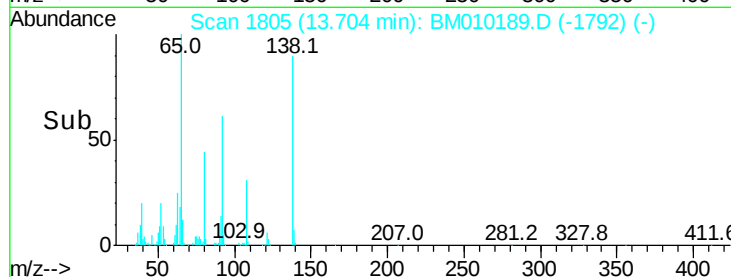
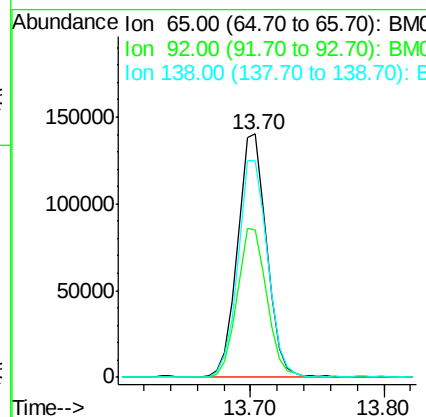
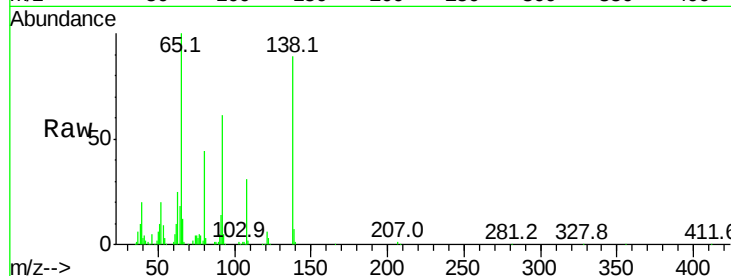
Time-->



#47  
2-Nitroaniline  
Concen: 43.48 ng  
RT: 13.70 min Scan# 1805  
Delta R.T. -0.02 min  
Lab File: BM010189.D  
Acq: 24 May 2017 20:14

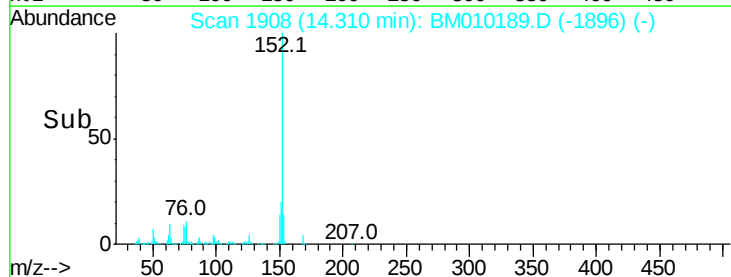
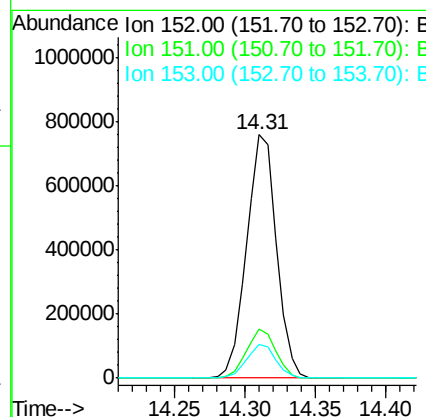
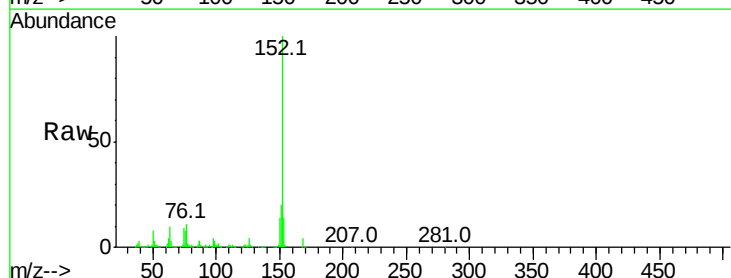
Instrument :  
BNA\_M  
ClientSampleId :  
DSK-SB1(5-10)MS

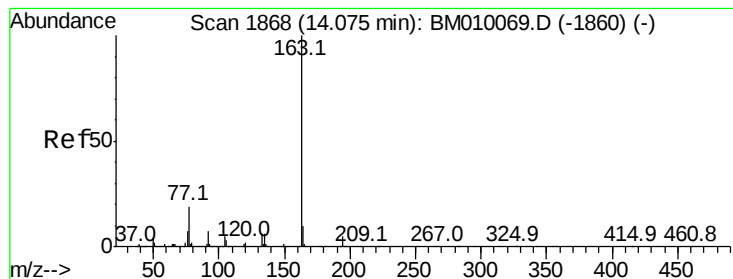
Tot Ion: 65 Resp: 214501  
Ion Ratio Lower Upper  
65 100  
92 60.8 59.1 88.7  
138 89.2 93.9 140.9#



#48  
Acenaphthylene  
Concen: 39.80 ng  
RT: 14.31 min Scan# 1908  
Delta R.T. -0.03 min  
Lab File: BM010189.D  
Acq: 24 May 2017 20:14

Tgt Ion: 152 Resp: 1129184  
Ion Ratio Lower Upper  
152 100  
151 20.0 15.9 23.9  
153 13.7 10.6 16.0





#49

Dimethylphthalate

Concen: 50.25 ng

RT: 14.04 min Scan# 1863

Delta R.T. -0.03 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

Instrument :

BNA\_M

ClientSampleId :

DSK-SB1(5-10)MS

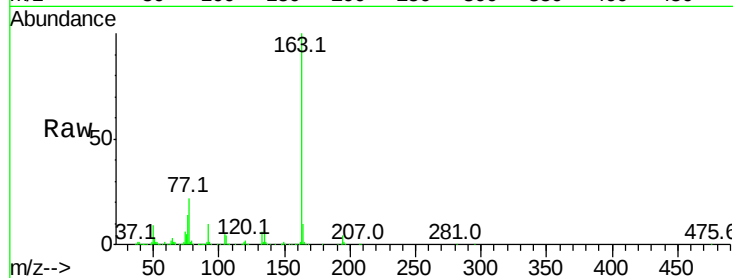
Tot Ion:163 Resp: 1291705

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

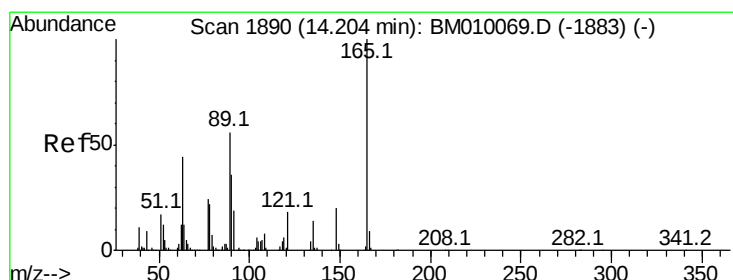
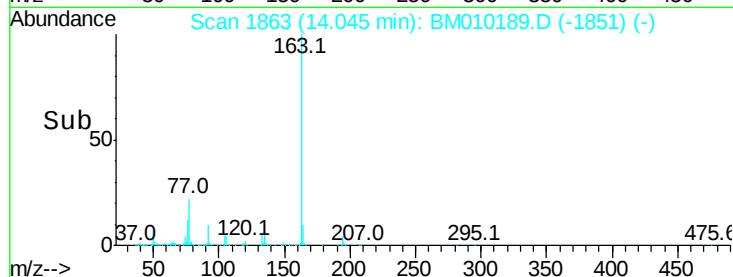
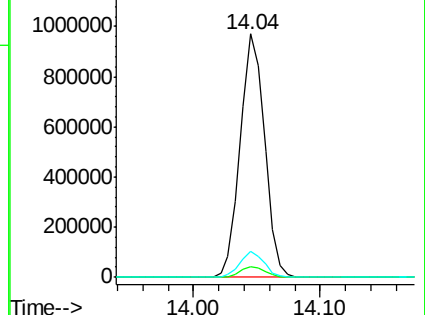
164 10.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.15 ng

RT: 14.18 min Scan# 1886

Delta R.T. -0.02 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

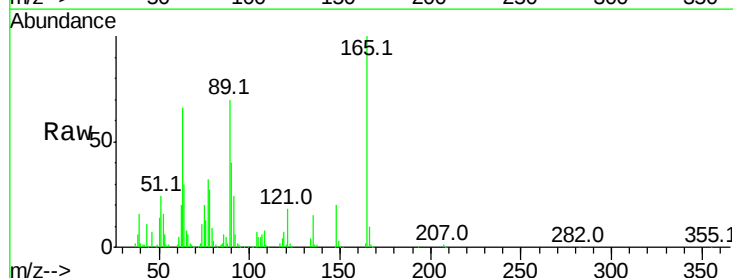
Tgt Ion:165 Resp: 205733

Ion Ratio Lower Upper

165 100

63 65.9 44.1 66.1

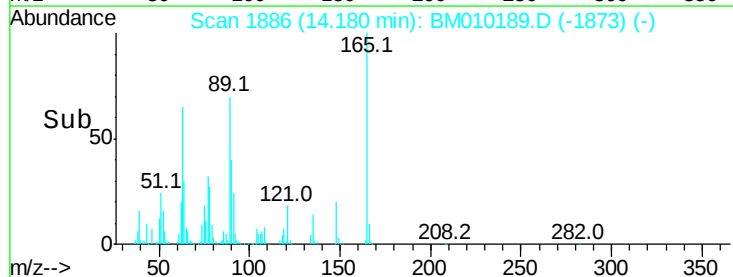
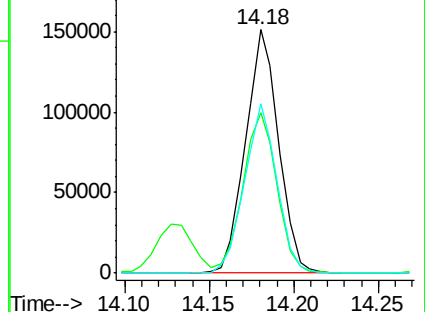
89 69.6 44.3 66.5#

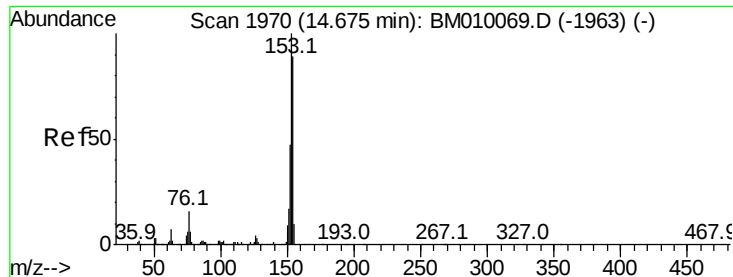


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 38.45 ng

RT: 14.64 min Scan# 1965

Delta R.T. -0.03 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

Instrument :

BNA\_M

ClientSampleId :

DSK-SB1(5-10)MS

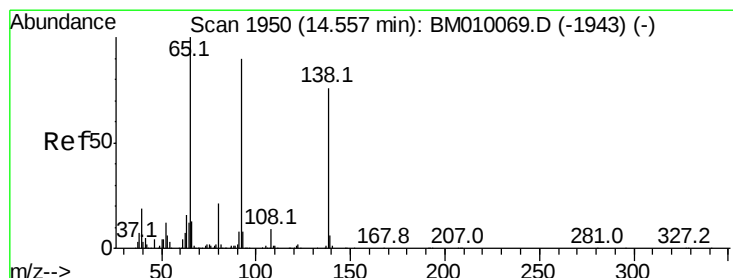
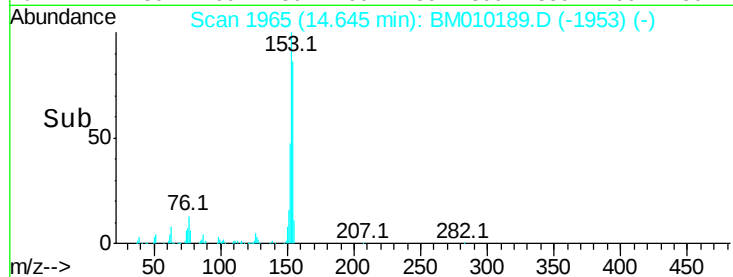
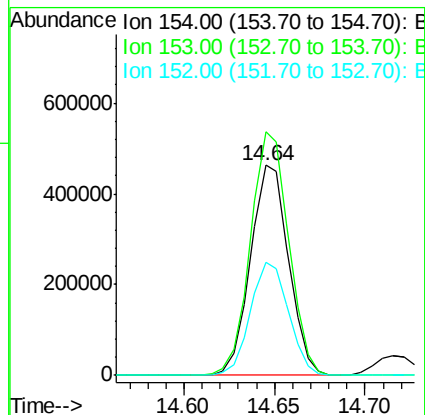
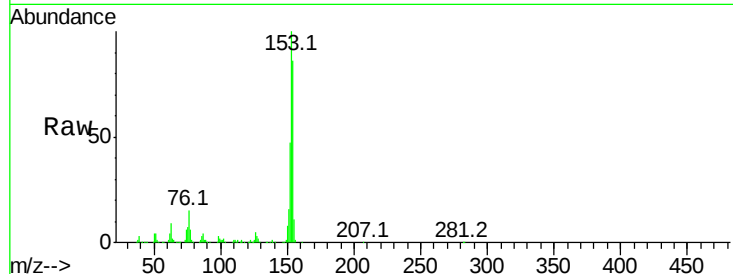
Tot Ion:154 Resp: 678058

Ion Ratio Lower Upper

154 100

153 115.9 90.0 135.0

152 53.9 42.6 63.8



#52

3-Nitroaniline

Concen: 24.15 ng

RT: 14.53 min Scan# 1945

Delta R.T. -0.03 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

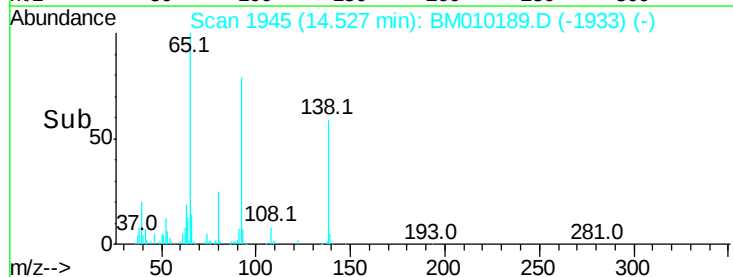
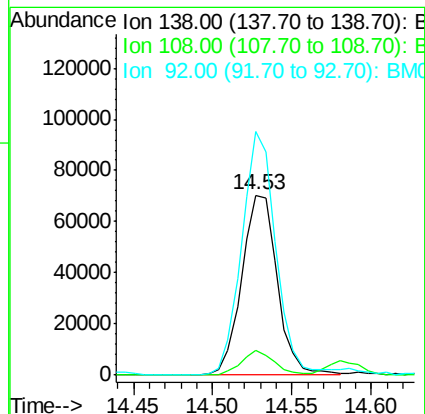
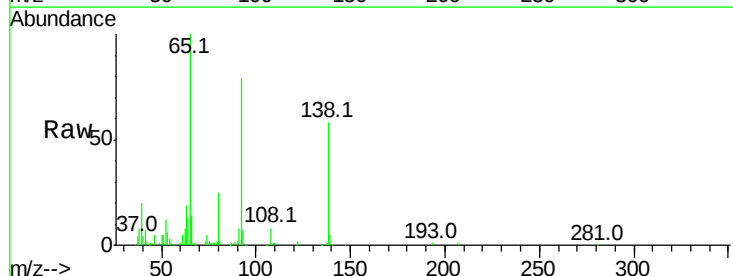
Tgt Ion:138 Resp: 109533

Ion Ratio Lower Upper

138 100

108 13.4 7.3 10.9#

92 135.2 76.6 114.8#

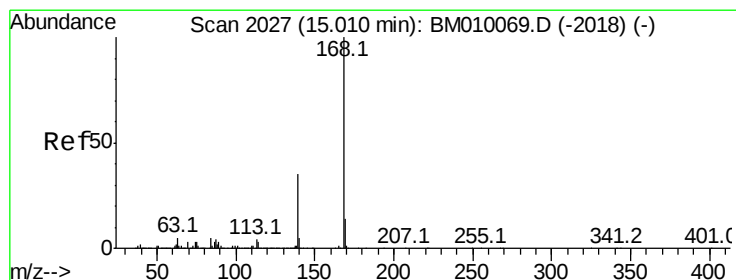
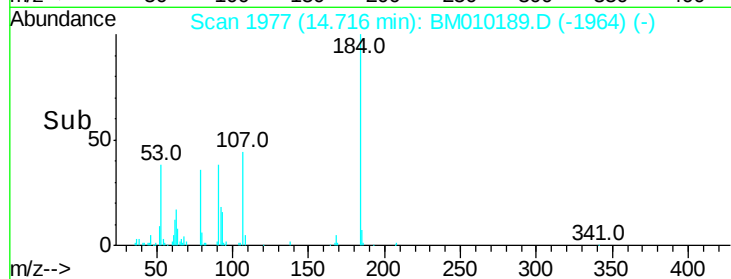
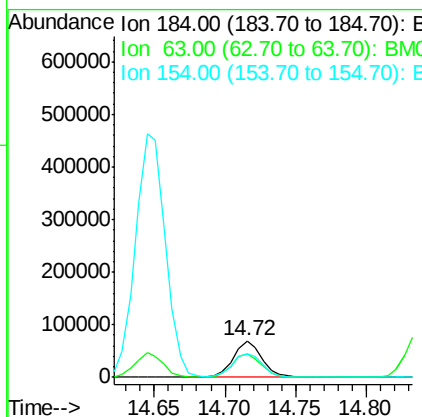
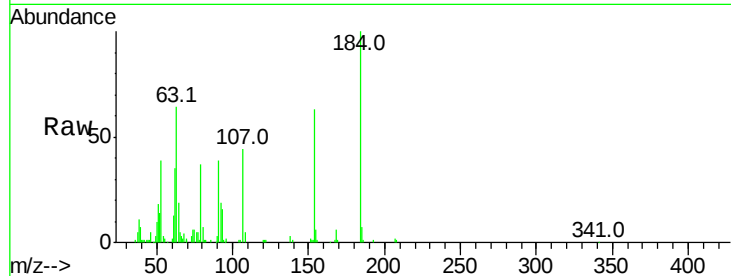




#53  
 2,4-Dinitrophenol  
 Concen: 33.98 ng  
 RT: 14.72 min Scan# 1977  
 Delta R.T. -0.02 min  
 Lab File: BM010189.D  
 Acq: 24 May 2017 20:14

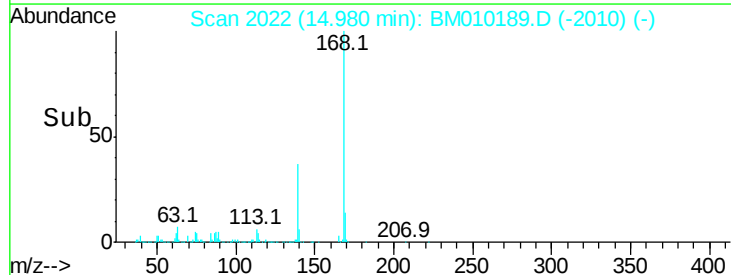
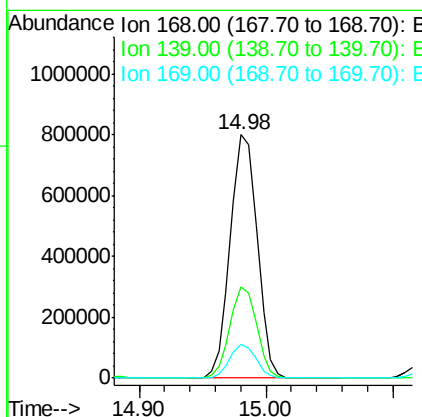
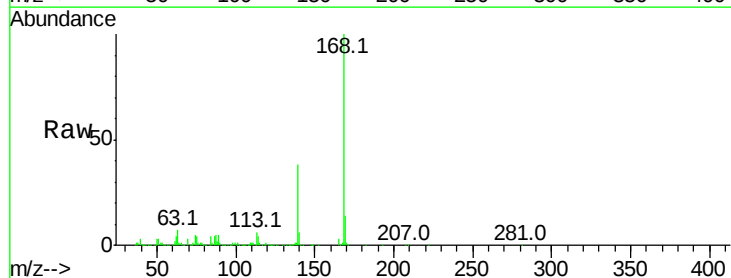
Instrument :  
 BNA\_M  
 ClientSampleId :  
 DSK-SB1(5-10)MS

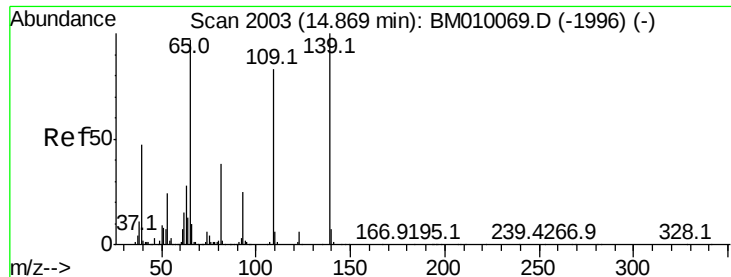
Tot Ion:184 Resp: 97338  
 Ion Ratio Lower Upper  
 184 100  
 63 64.2 69.2 103.8#  
 154 62.7 53.3 79.9



#54  
 Dibenzofuran  
 Concen: 42.61 ng  
 RT: 14.98 min Scan# 2022  
 Delta R.T. -0.03 min  
 Lab File: BM010189.D  
 Acq: 24 May 2017 20:14

Tgt Ion:168 Resp: 1181745  
 Ion Ratio Lower Upper  
 168 100  
 139 37.7 27.3 40.9  
 169 13.7 10.6 16.0





#55

4-Nitrophenol

Concen: 81.66 ng

RT: 14.84 min Scan# 1998

Delta R.T. -0.03 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

Instrument :

BNA\_M

ClientSampleId :

DSK-SB1(5-10)MS

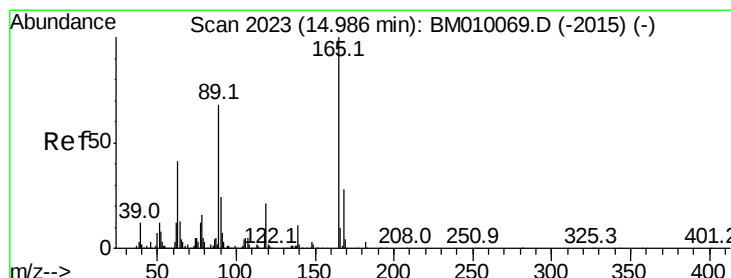
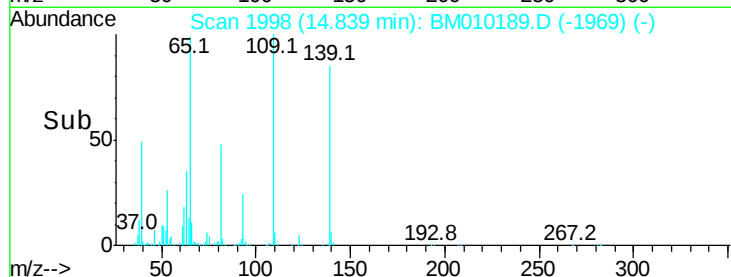
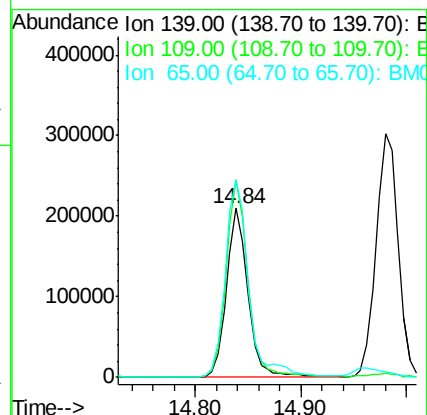
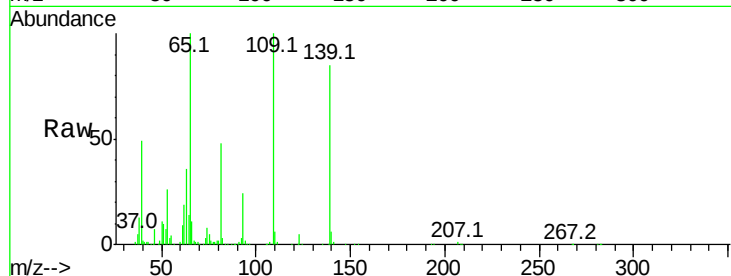
Tot Ion:139 Resp: 298103

Ion Ratio Lower Upper

139 100

109 117.1 37.7 77.7#

65 116.6 49.9 89.9#



#56

2,4-Dinitrotoluene

Concen: 41.88 ng

RT: 14.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

Tgt Ion:165 Resp: 289183

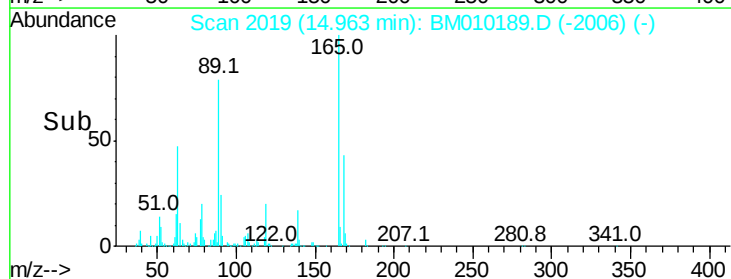
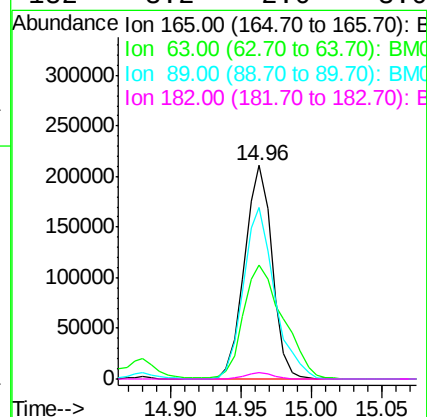
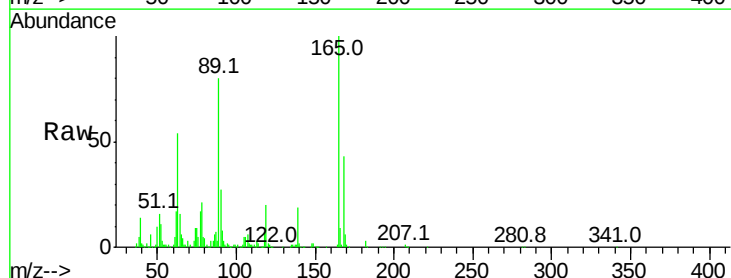
Ion Ratio Lower Upper

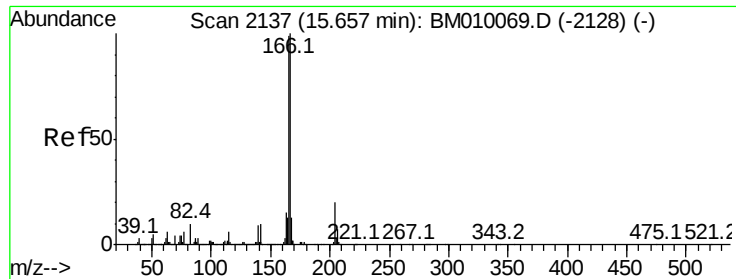
165 100

63 53.5 52.4 78.6

89 80.3 72.4 108.6

182 3.2 2.0 3.0#





#57

Fluorene

Concen: 39.96 ng

RT: 15.63 min Scan# 2132

Delta R.T. -0.03 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

Instrument :

BNA\_M

ClientSampleId :

DSK-SB1(5-10)MS

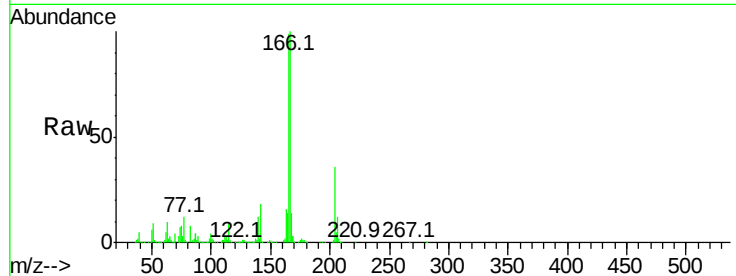
Tot Ion:166 Resp: 963613

Ion Ratio Lower Upper

166 100

165 99.5 79.0 118.4

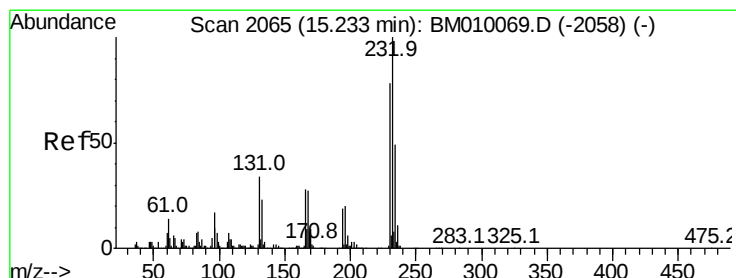
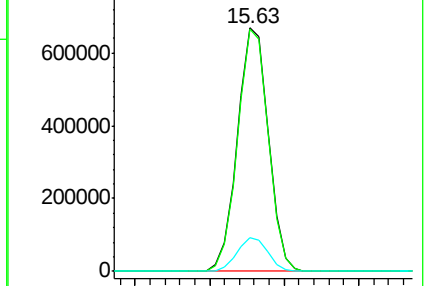
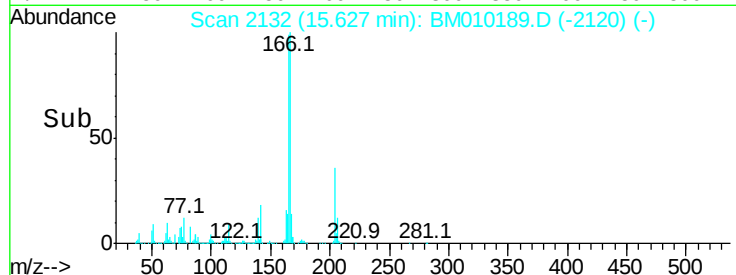
167 14.0 10.3 15.5



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: 48.76 ng

RT: 15.20 min Scan# 2060

Delta R.T. -0.03 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

Tgt Ion:232 Resp: 299537

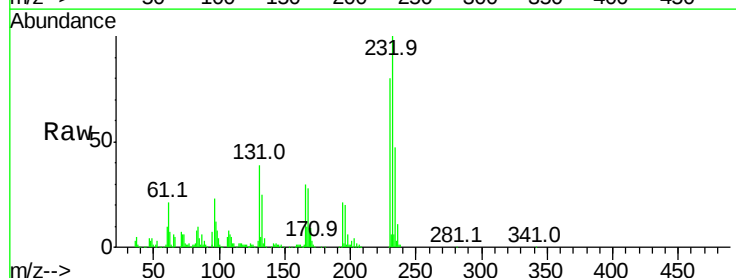
Ion Ratio Lower Upper

232 100

131 37.7 0.0 0.0#

130 2.4 0.0 0.0#

166 28.5 0.0 0.0#

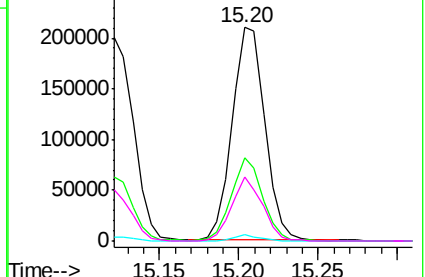
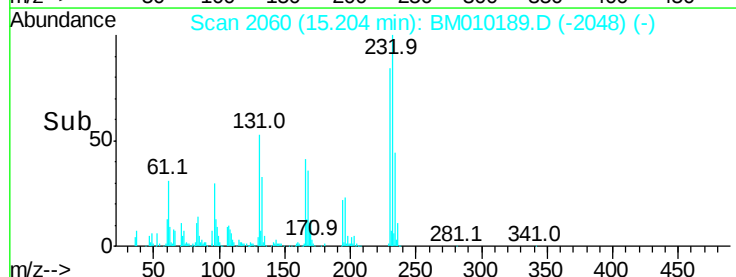


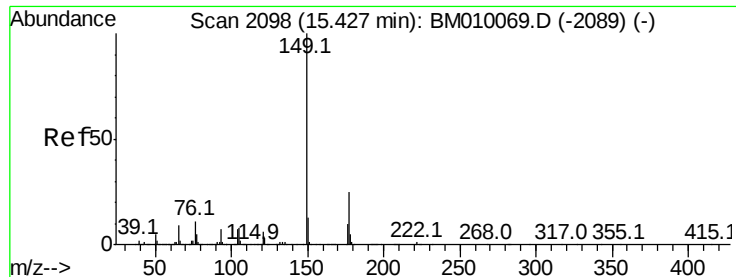
Abundance Ion 232.00 (231.70 to 232.70): E

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

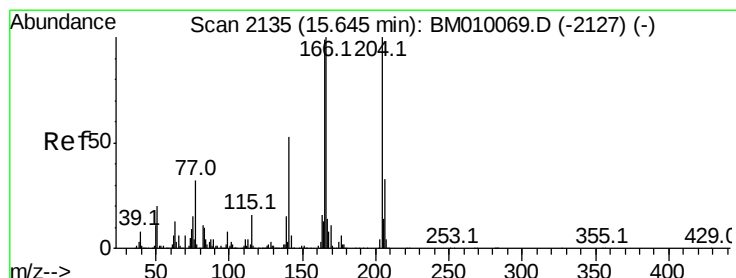
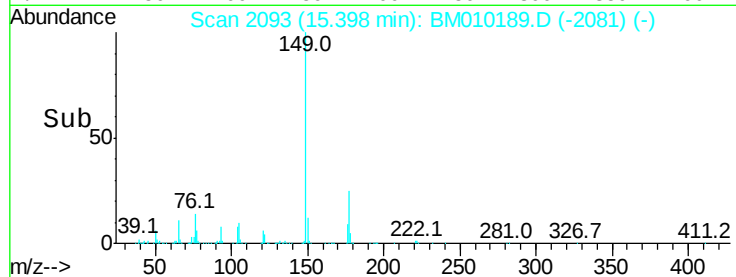
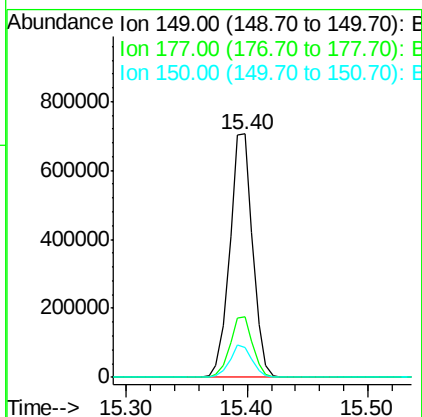
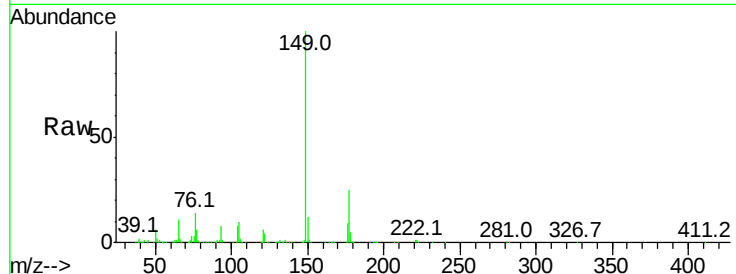




#59  
Diethylphthalate  
Concen: 38.12 ng  
RT: 15.40 min Scan# 2093  
Delta R.T. -0.03 min  
Lab File: BM010189.D  
Acq: 24 May 2017 20:14

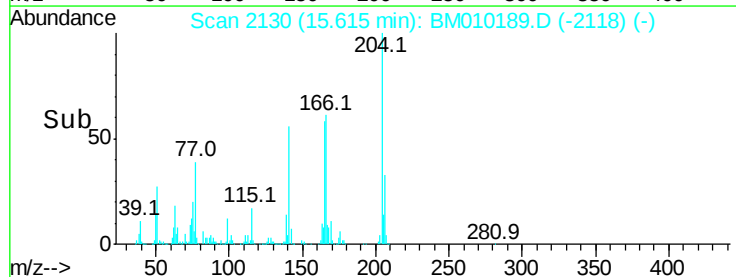
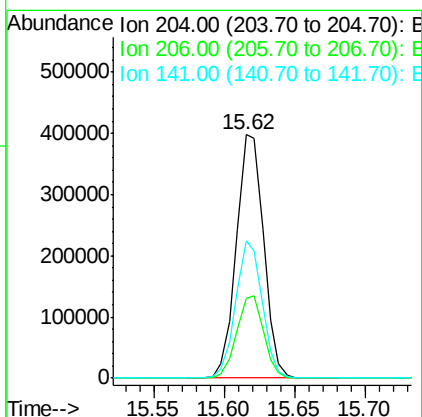
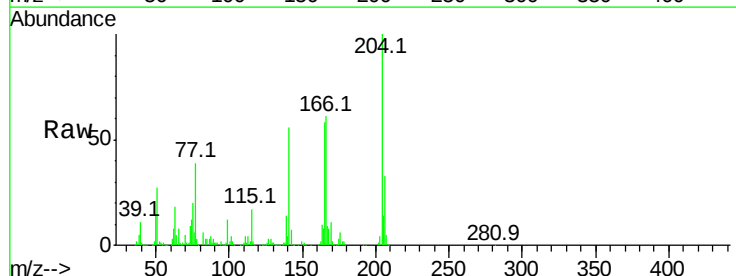
Instrument :  
BNA\_M  
ClientSampleId :  
DSK-SB1(5-10)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.7  | 18.3  | 27.5  |
| 150     | 12.4  | 9.8   | 14.8  |



#60  
4-Chlorophenyl-phenylether  
Concen: 39.67 ng  
RT: 15.62 min Scan# 2130  
Delta R.T. -0.03 min  
Lab File: BM010189.D  
Acq: 24 May 2017 20:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.9  | 26.6  | 39.8  |
| 141     | 56.2  | 45.2  | 67.8  |

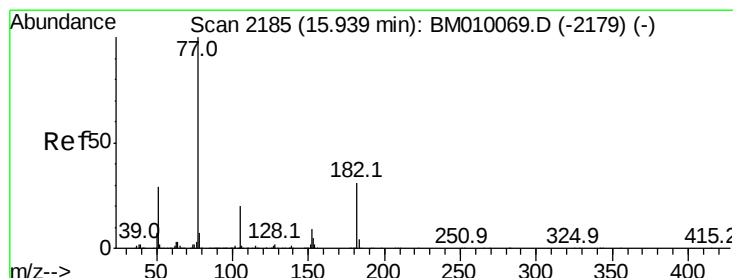
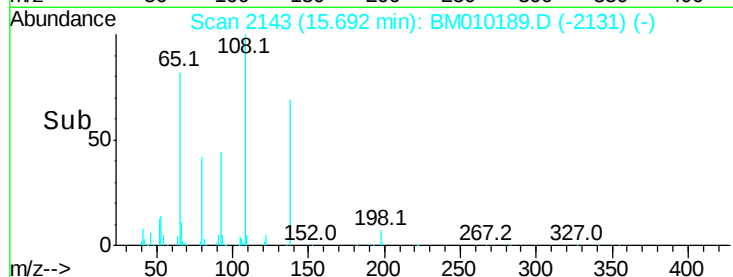
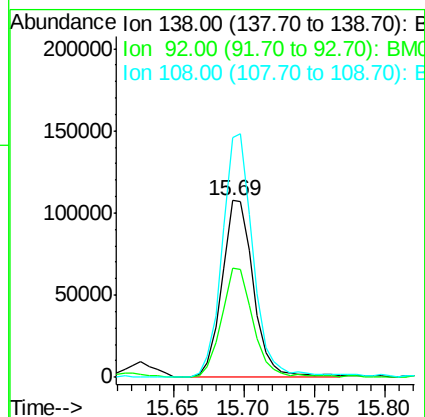
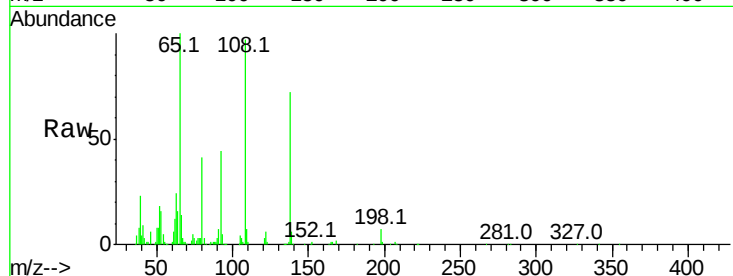




#61  
4-Nitroaniline  
Concen: 36.41 ng  
RT: 15.69 min Scan# 2143  
Delta R.T. -0.03 min  
Lab File: BM010189.D  
Acq: 24 May 2017 20:14

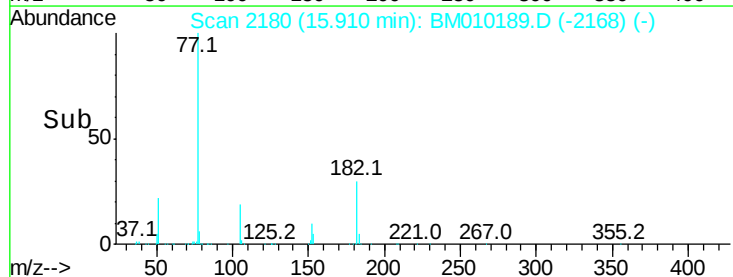
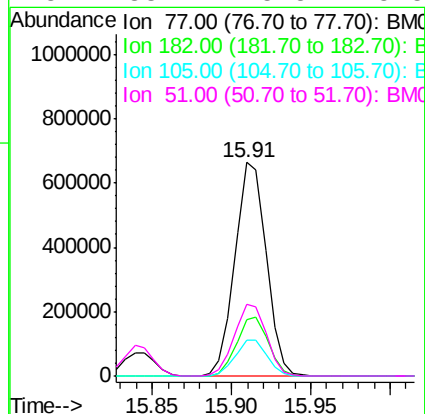
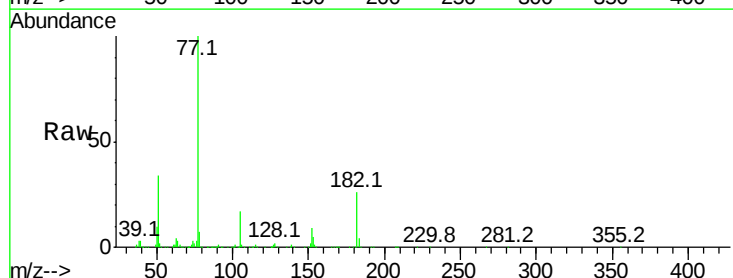
Instrument :  
BNA\_M  
ClientSampleId :  
DSK-SB1(5-10)MS

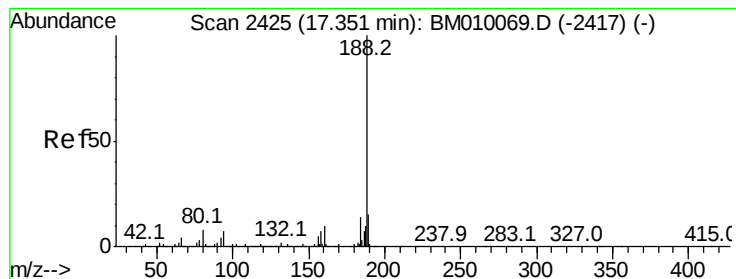
Tot Ion:138 Resp: 167676  
Ion Ratio Lower Upper  
138 100  
92 61.5 16.7 56.7#  
108 135.4 37.6 77.6#



#62  
Azobenzene  
Concen: 50.84 ng  
RT: 15.91 min Scan# 2180  
Delta R.T. -0.03 min  
Lab File: BM010189.D  
Acq: 24 May 2017 20:14

Tgt Ion: 77 Resp: 908375  
Ion Ratio Lower Upper  
77 100  
182 26.5 6.5 46.5  
105 16.8 3.8 43.8  
51 33.7 5.5 45.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.33 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

Instrument :

BNA\_M

ClientSampleId :

DSK-SB1(5-10)MS

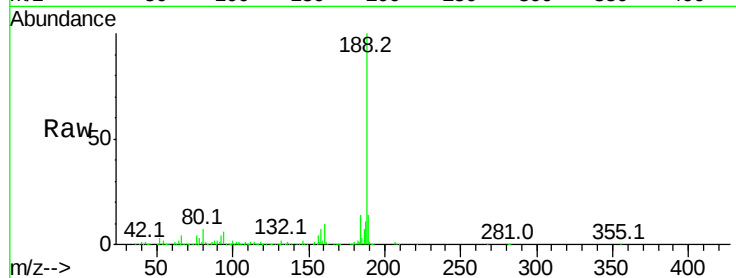
Tot Ion:188 Resp: 738018

Ion Ratio Lower Upper

188 100

94 6.0 8.7 13.1#

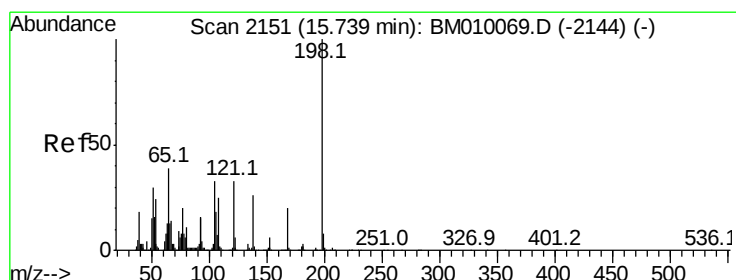
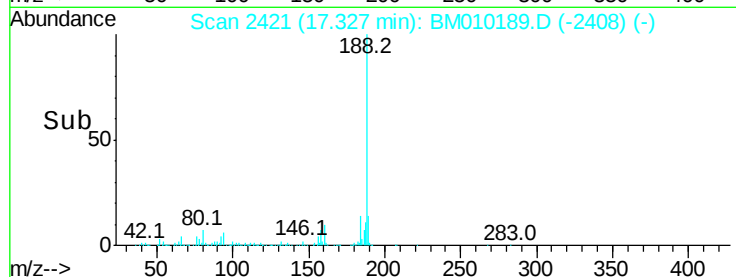
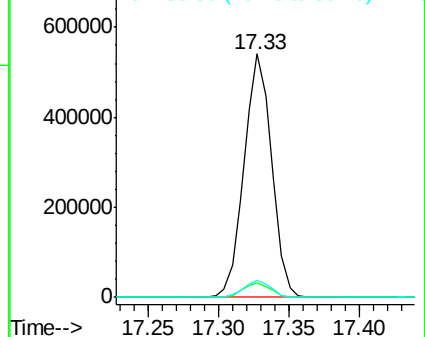
80 7.2 9.3 13.9#



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: 34.92 ng

RT: 15.71 min Scan# 2146

Delta R.T. -0.03 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

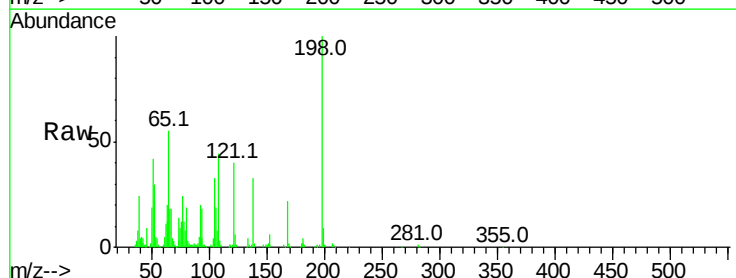
Tgt Ion:198 Resp: 157433

Ion Ratio Lower Upper

198 100

51 42.0 28.8 68.8

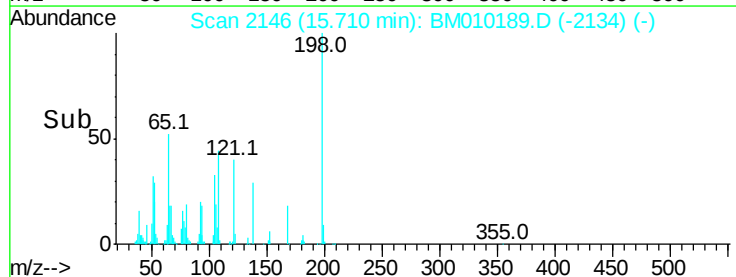
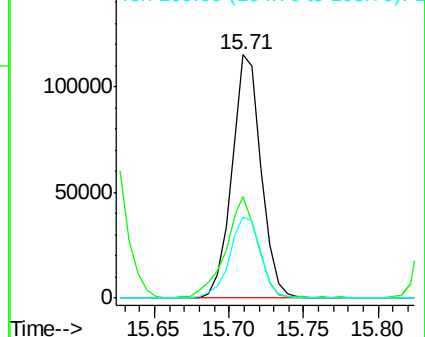
105 33.2 30.5 70.5

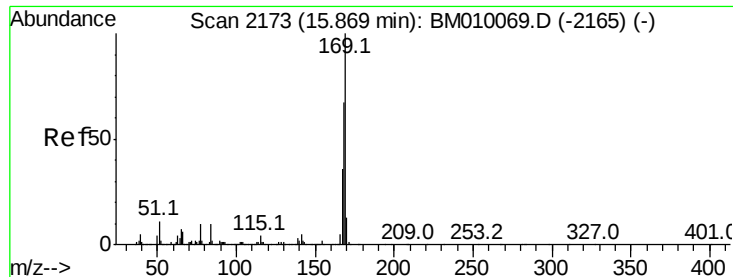


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.39 ng

RT: 15.84 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

Instrument :

BNA\_M

ClientSampleId :

DSK-SB1(5-10)MS

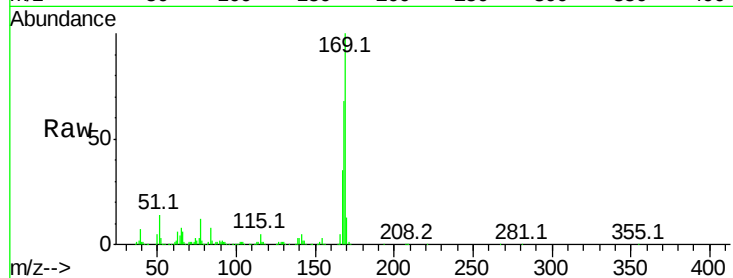
Tot Ion:169 Resp: 849059

Ion Ratio Lower Upper

169 100

168 68.1 53.9 80.9

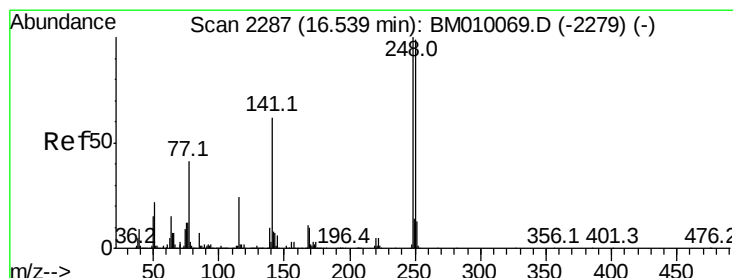
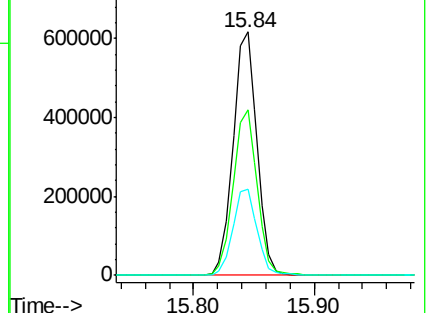
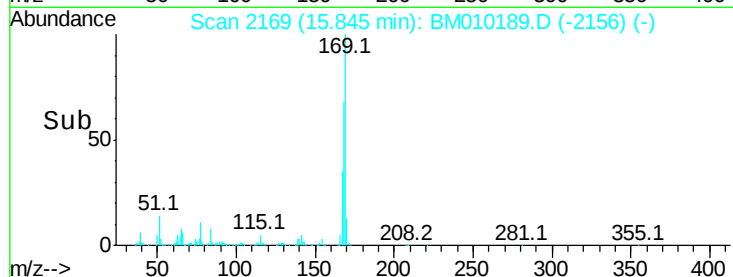
167 35.4 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.14 ng

RT: 16.52 min Scan# 2283

Delta R.T. -0.02 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

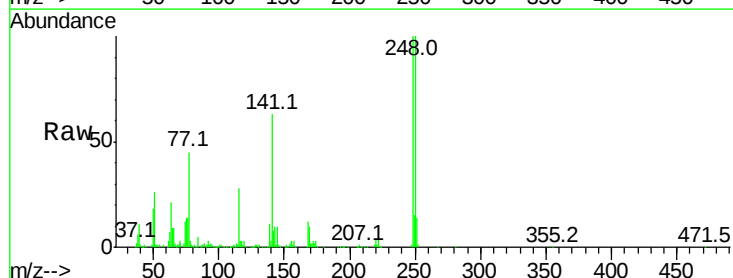
Tgt Ion:248 Resp: 360361

Ion Ratio Lower Upper

248 100

250 99.6 77.4 116.0

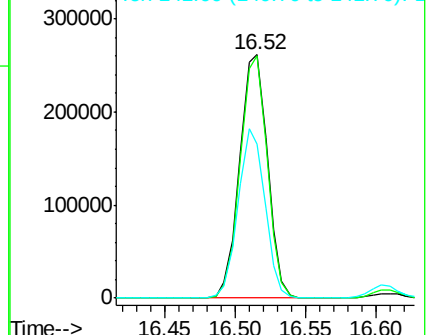
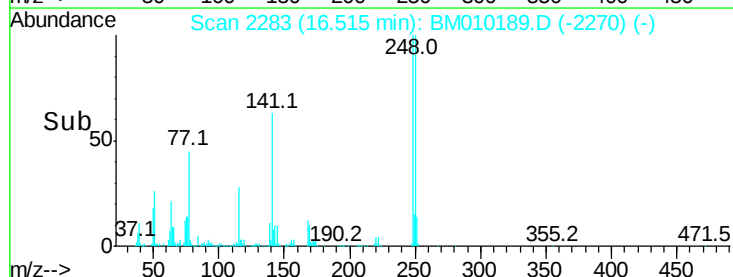
141 63.5 45.2 67.8

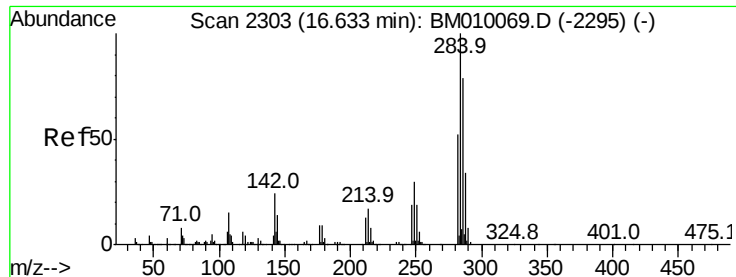


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 35.17 ng

RT: 16.61 min Scan# 2299

Delta R.T. -0.02 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

Instrument :

BNA\_M

ClientSampleId :

DSK-SB1(5-10)MS

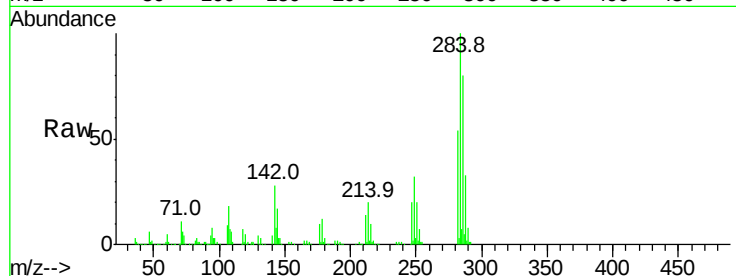
Tot Ion:284 Resp: 403733

Ion Ratio Lower Upper

284 100

142 27.8 20.4 30.6

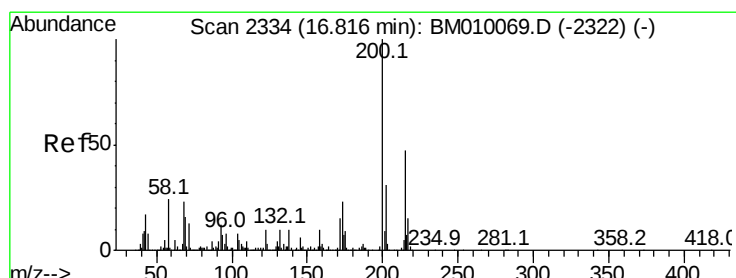
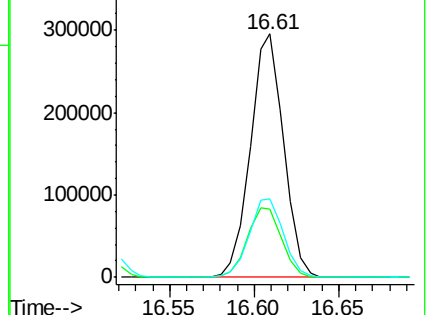
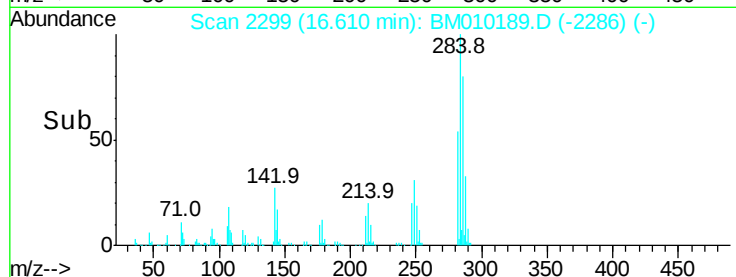
249 32.3 23.8 35.6



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: 42.19 ng

RT: 16.79 min Scan# 2329

Delta R.T. -0.03 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

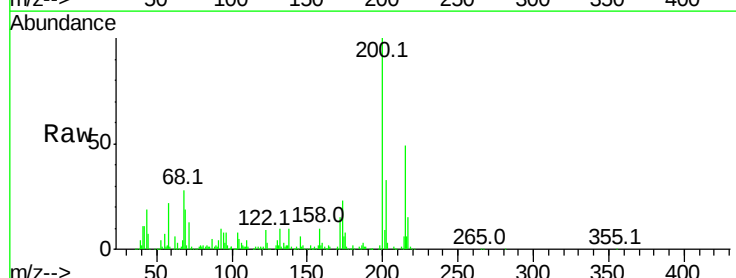
Tgt Ion:200 Resp: 353822

Ion Ratio Lower Upper

200 100

173 23.4 4.8 44.8

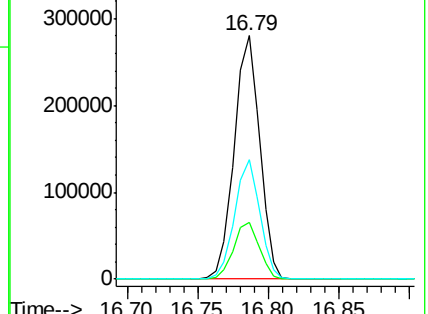
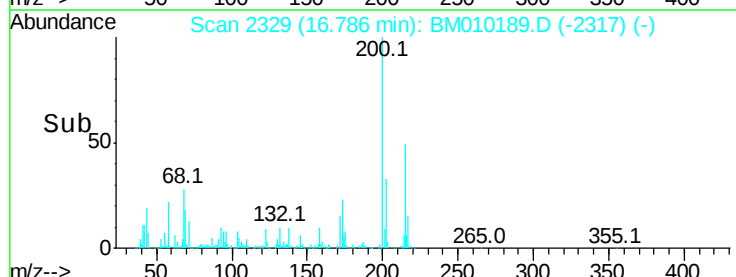
215 49.0 26.9 66.9

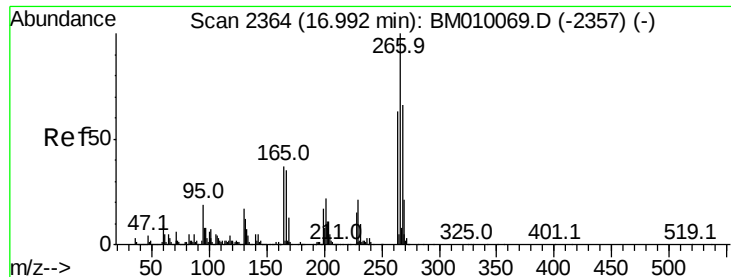


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

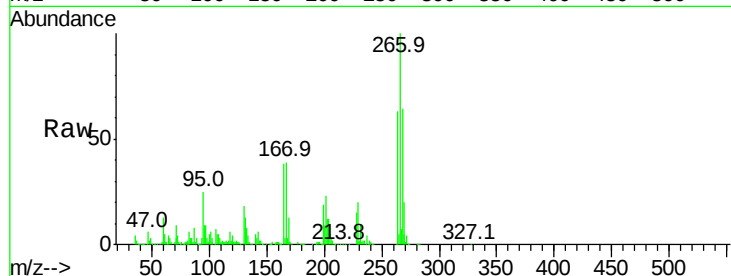




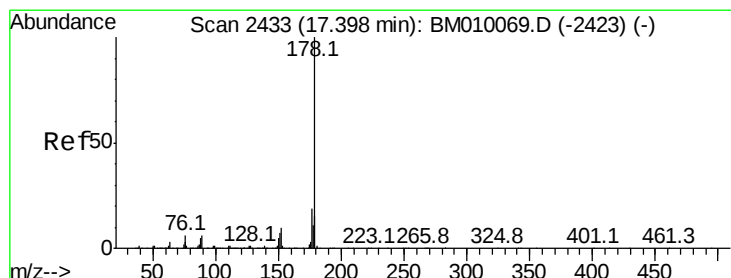
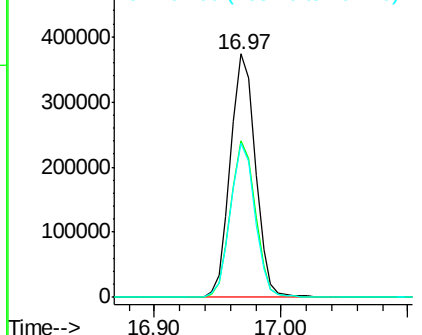
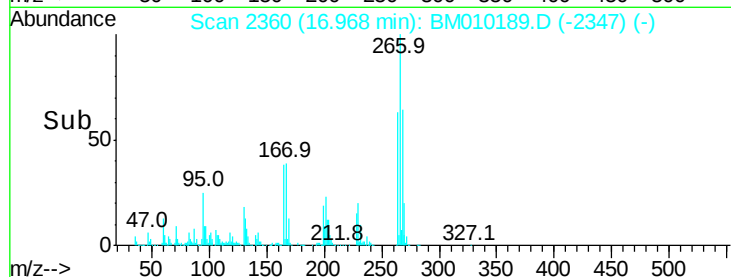
#69  
 Pentachlorophenol  
 Concen: 81.31 ng  
 RT: 16.97 min Scan# 2360  
 Delta R.T. -0.02 min  
 Lab File: BM010189.D  
 Acq: 24 May 2017 20:14

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DSK-SB1(5-10)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.2  | 52.0  | 78.0  |
| 264     | 63.0  | 49.0  | 73.4  |

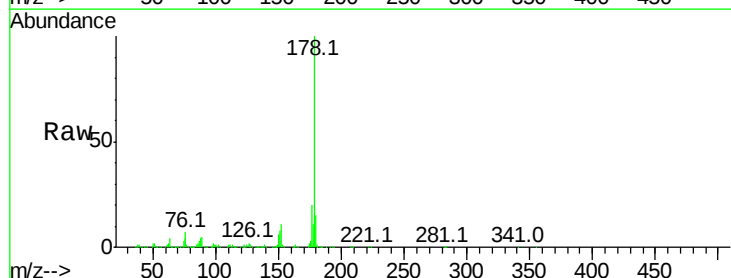


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

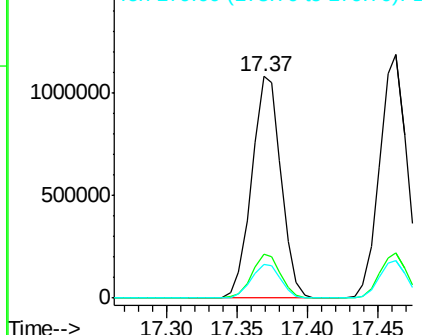
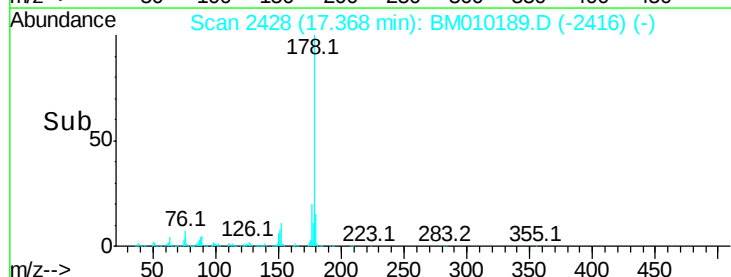


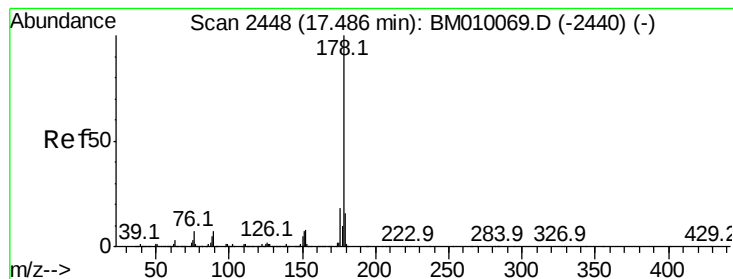
#70  
 Phenanthrene  
 Concen: 38.16 ng  
 RT: 17.37 min Scan# 2428  
 Delta R.T. -0.03 min  
 Lab File: BM010189.D  
 Acq: 24 May 2017 20:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.5  | 15.2  | 22.8  |
| 179     | 15.2  | 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: 39.31 ng

RT: 17.46 min Scan# 2444

Delta R.T. -0.02 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

Instrument :

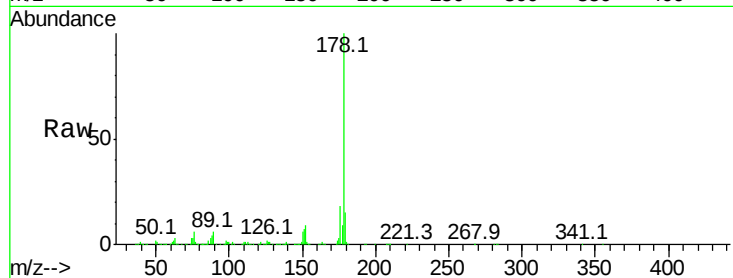
BNA\_M

ClientSampleId :

DSK-SB1(5-10)MS

Tot Ion:178 Resp: 1611041

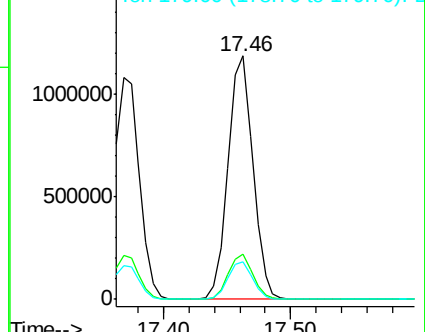
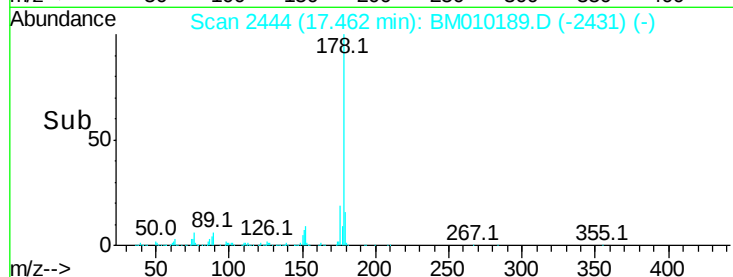
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 18.4  | 14.6  | 22.0  |
| 179 | 15.5  | 12.6  | 19.0  |



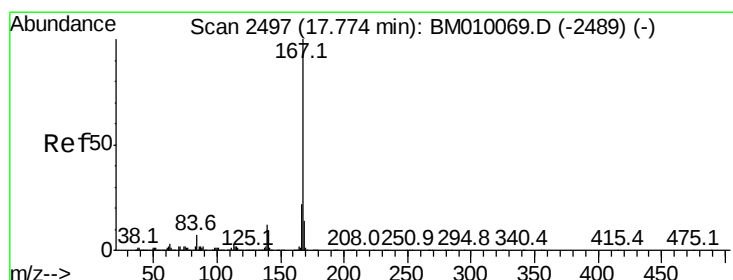
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Carbazole

Concen: 40.19 ng

RT: 17.74 min Scan# 2492

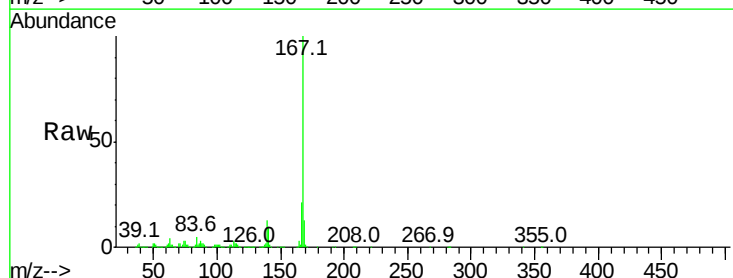
Delta R.T. -0.03 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

Tgt Ion:167 Resp: 1458232

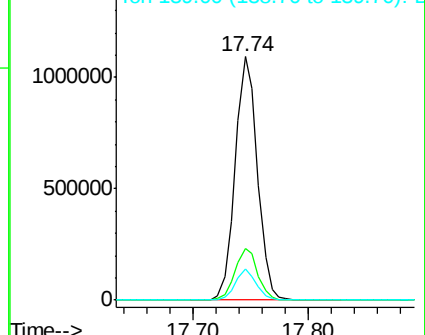
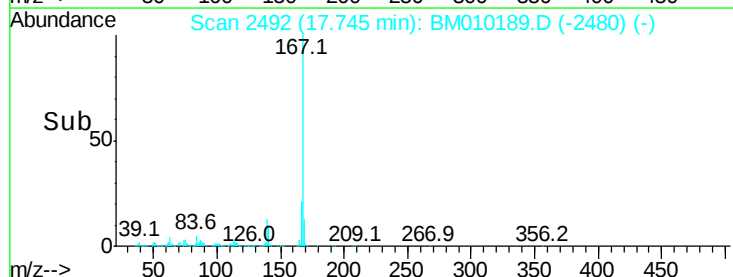
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.3  | 17.2  | 25.8  |
| 139 | 12.9  | 10.8  | 16.2  |



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



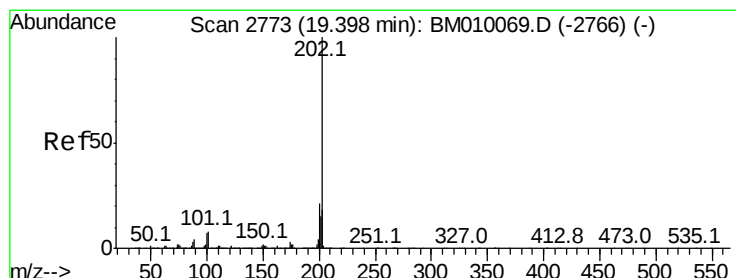
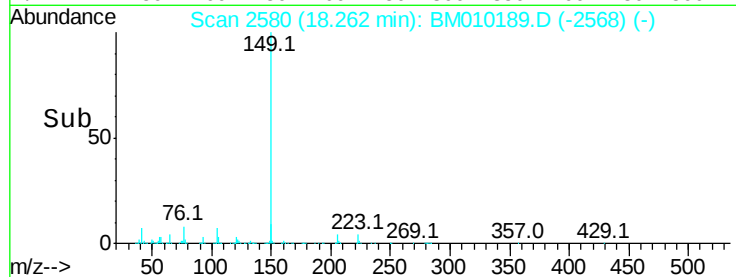
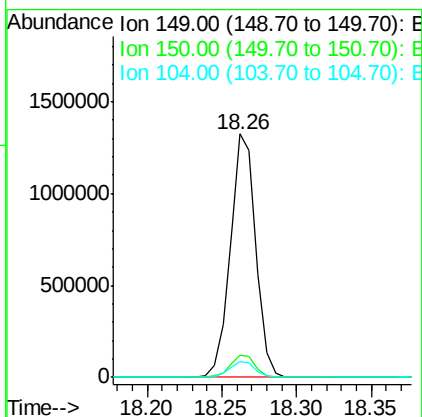
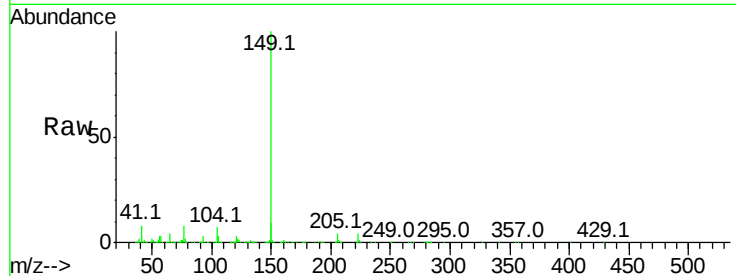
Time-->



#73  
Di-n-butylphthalate  
Concen: 36.67 ng  
RT: 18.26 min Scan# 2580  
Delta R.T. -0.03 min  
Lab File: BM010189.D  
Acq: 24 May 2017 20:14

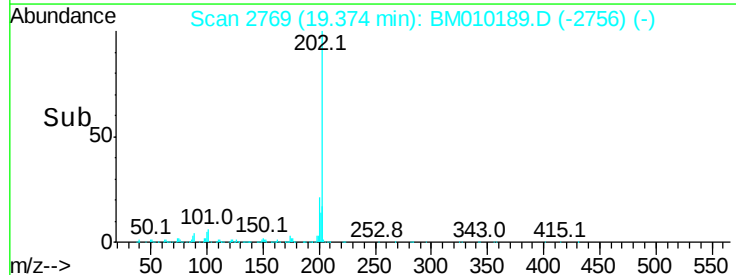
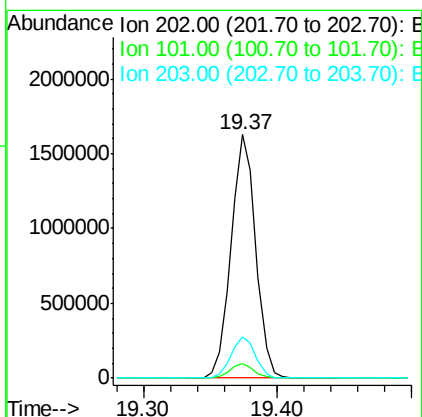
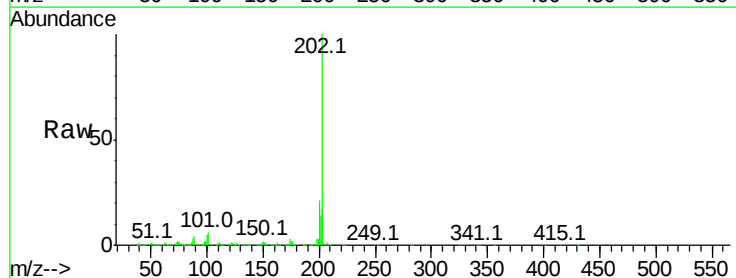
Instrument :  
BNA\_M  
ClientSampleId :  
DSK-SB1(5-10)MS

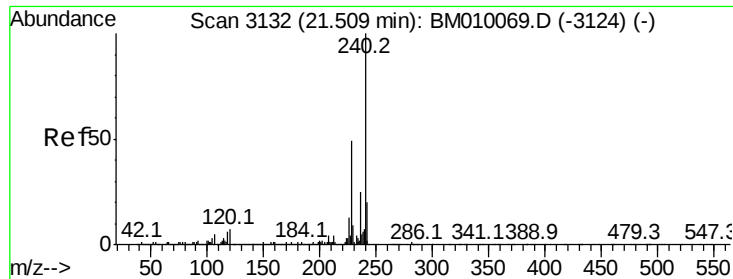
Tot Ion:149 Resp: 1577185  
Ion Ratio Lower Upper  
149 100  
150 9.1 7.5 11.3  
104 6.7 3.7 5.5#



#74  
Fluoranthene  
Concen: 39.07 ng  
RT: 19.37 min Scan# 2769  
Delta R.T. -0.02 min  
Lab File: BM010189.D  
Acq: 24 May 2017 20:14

Tgt Ion:202 Resp: 2094529  
Ion Ratio Lower Upper  
202 100  
101 6.0 0.0 28.7  
203 17.0 0.0 37.2

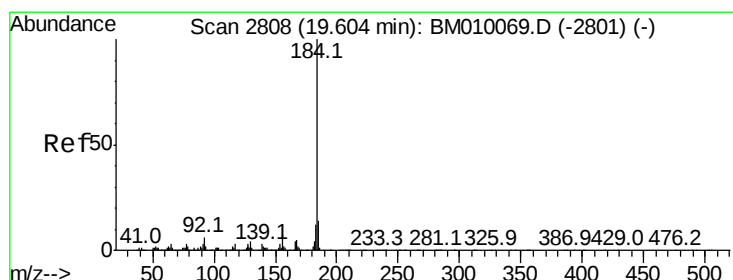
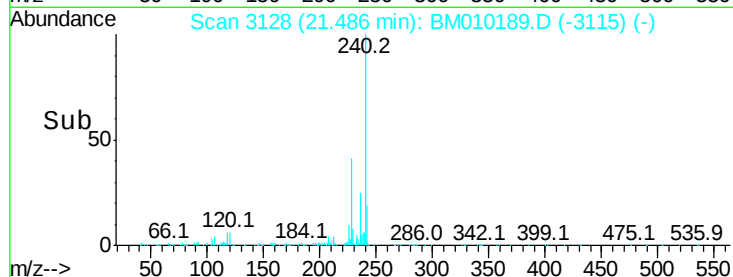
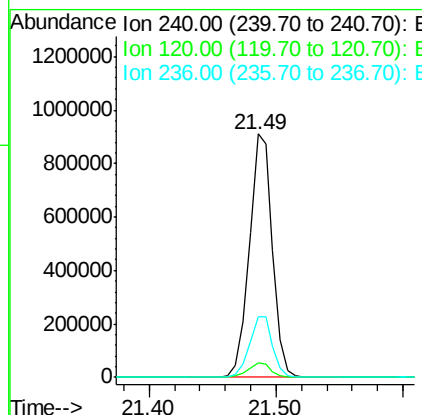
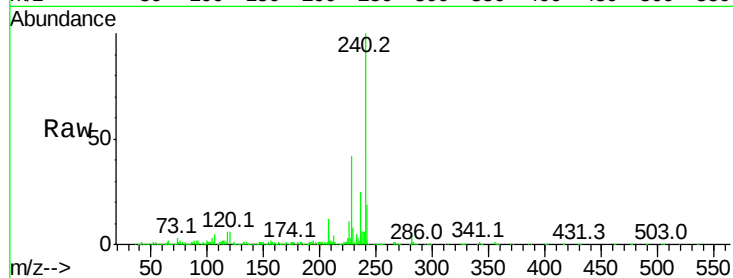




#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 21.49 min Scan# 3128  
 Delta R.T. -0.02 min  
 Lab File: BM010189.D  
 Acq: 24 May 2017 20:14

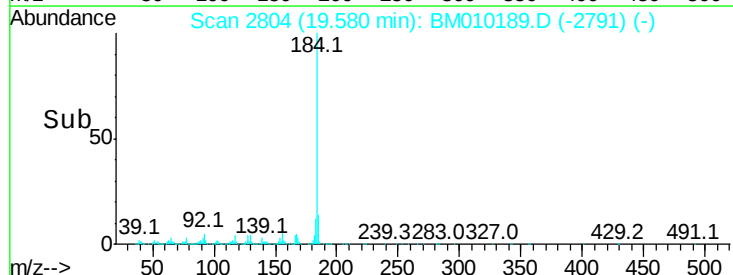
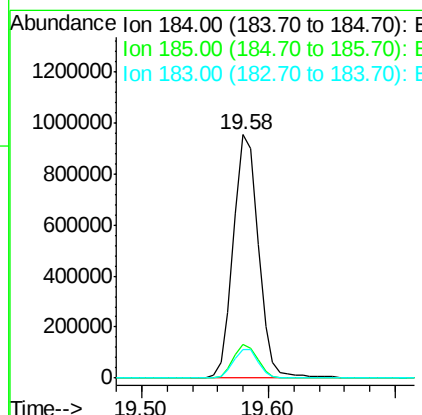
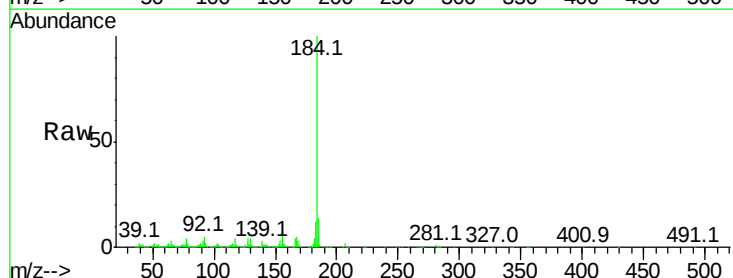
Instrument :  
 BNA\_M  
 ClientSampleId :  
 DSK-SB1(5-10)MS

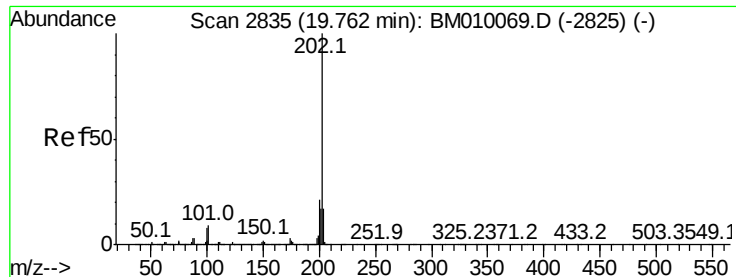
Tot Ion:240 Resp: 1143324  
 Ion Ratio Lower Upper  
 240 100  
 120 6.1 8.2 12.2#  
 236 25.0 20.0 30.0



#76  
 Benzidine  
 Concen: 62.07 ng  
 RT: 19.58 min Scan# 2804  
 Delta R.T. -0.02 min  
 Lab File: BM010189.D  
 Acq: 24 May 2017 20:14

Tgt Ion:184 Resp: 1309029  
 Ion Ratio Lower Upper  
 184 100  
 185 13.7 11.3 16.9  
 183 11.9 8.9 13.3

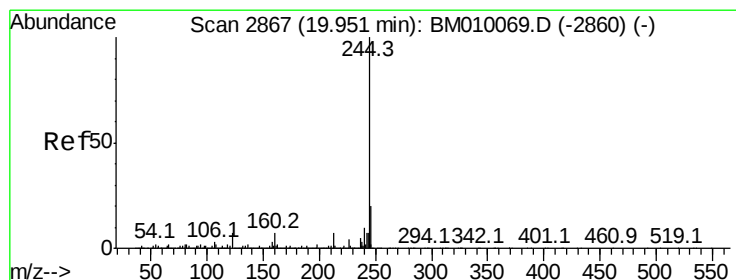
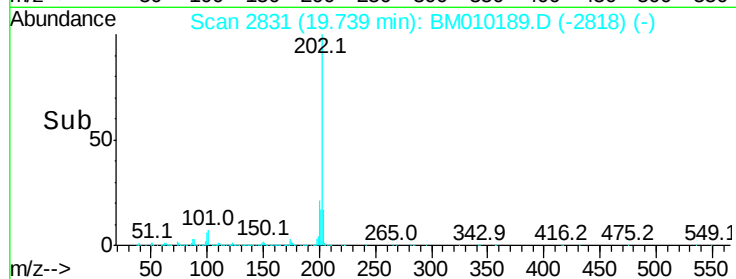
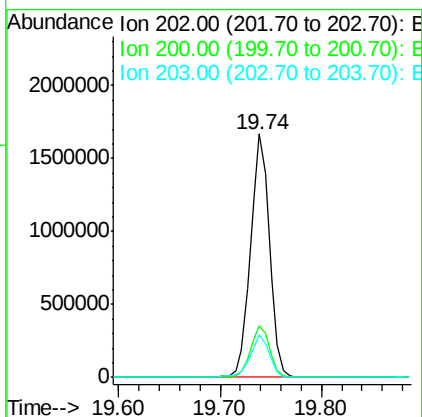
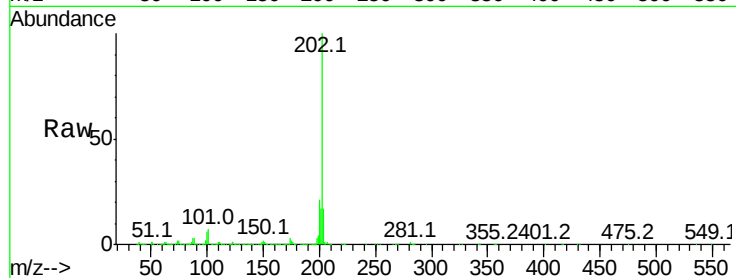




#77  
Pvrene  
Concen: 35.22 ng  
RT: 19.74 min Scan# 2831  
Delta R.T. -0.02 min  
Lab File: BM010189.D  
Acq: 24 May 2017 20:14

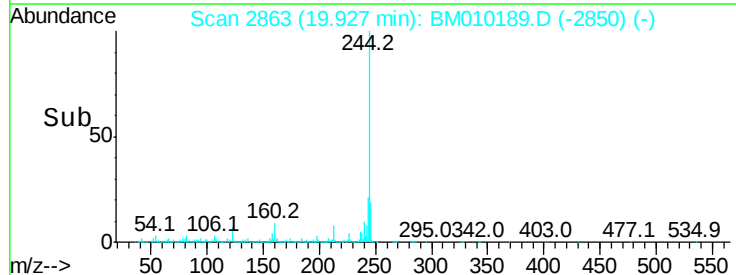
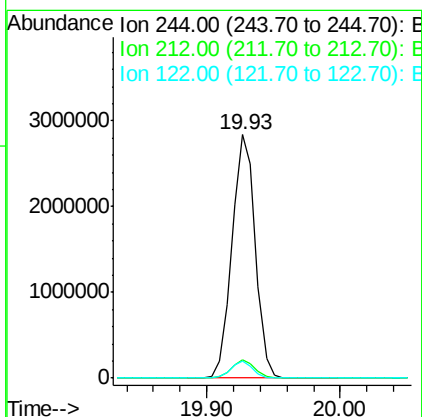
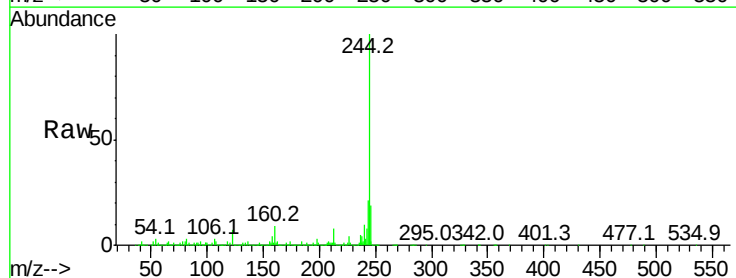
Instrument :  
BNA\_M  
ClientSampleId :  
DSK-SB1(5-10)MS

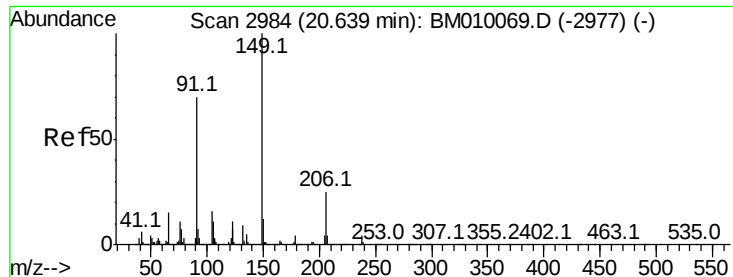
Tot Ion:202 Resp: 2158881  
Ion Ratio Lower Upper  
202 100  
200 21.2 16.9 25.3  
203 17.5 14.1 21.1



#78  
Terphenyl-d14  
Concen: 68.61 ng  
RT: 19.93 min Scan# 2863  
Delta R.T. -0.02 min  
Lab File: BM010189.D  
Acq: 24 May 2017 20:14

Tgt Ion:244 Resp: 3449985  
Ion Ratio Lower Upper  
244 100  
212 7.8 4.9 7.3#  
122 6.8 6.2 9.4

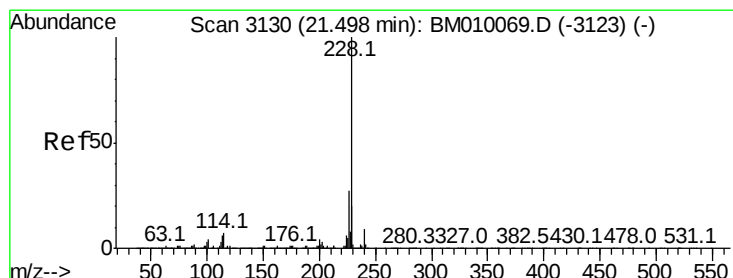
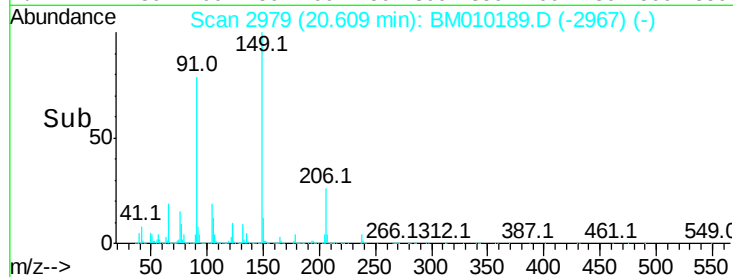
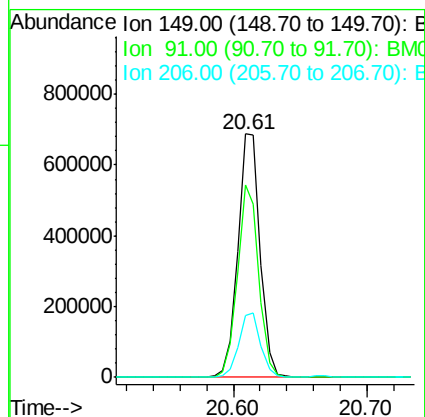
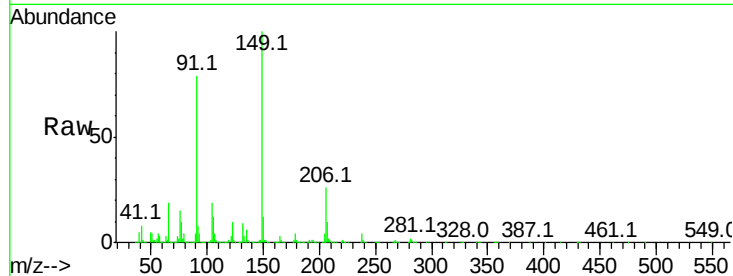




#79  
Butylbenzylphthalate  
Concen: 35.05 ng  
RT: 20.61 min Scan# 2979  
Delta R.T. -0.03 min  
Lab File: BM010189.D  
Acq: 24 May 2017 20:14

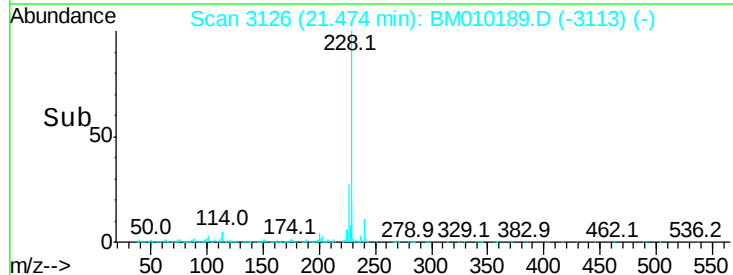
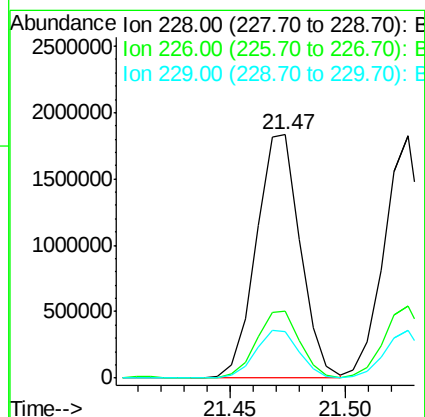
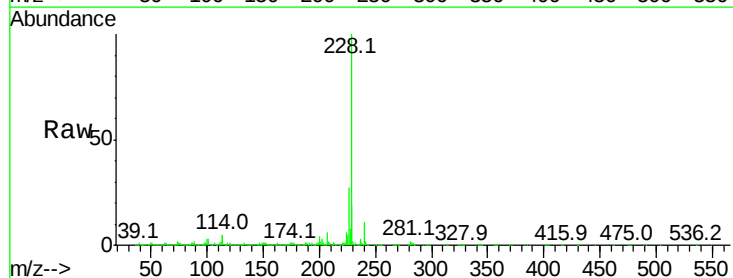
Instrument :  
BNA\_M  
ClientSampleId :  
DSK-SB1(5-10)MS

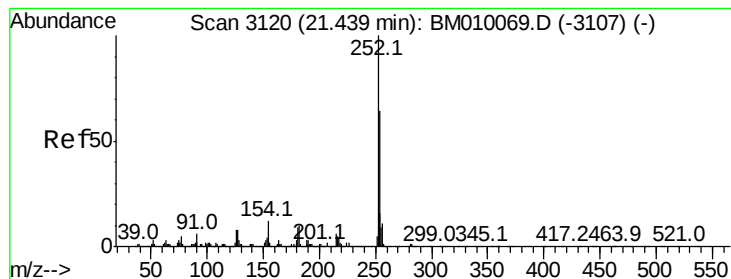
Tot Ion:149 Resp: 795238  
Ion Ratio Lower Upper  
149 100  
91 79.2 50.1 75.1#  
206 25.6 16.2 24.2#



#80  
Benzo(a)anthracene  
Concen: 38.56 ng  
RT: 21.47 min Scan# 3126  
Delta R.T. -0.02 min  
Lab File: BM010189.D  
Acq: 24 May 2017 20:14

Tgt Ion:228 Resp: 2429791  
Ion Ratio Lower Upper  
228 100  
226 27.4 21.7 32.5  
229 19.4 16.0 24.0

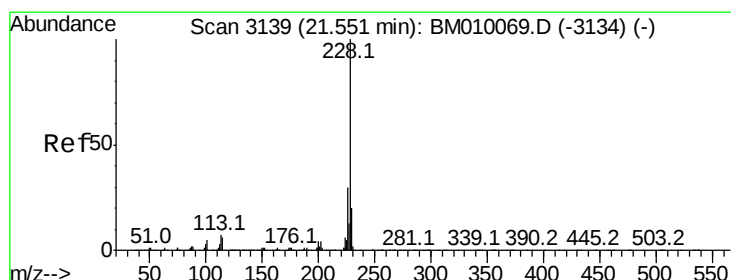
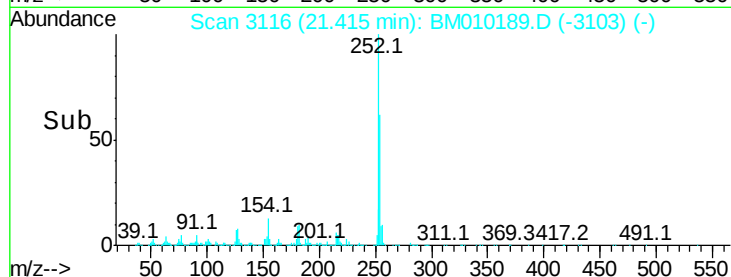
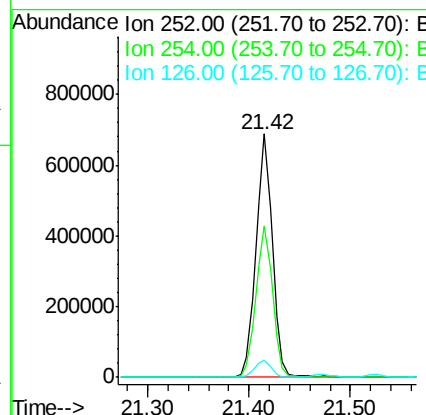
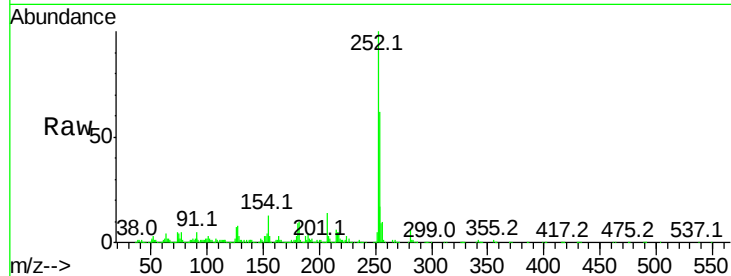




#81  
3,3'-Dichlorobenzidine  
Concen: 30.61 ng  
RT: 21.42 min Scan# 3116  
Delta R.T. -0.02 min  
Lab File: BM010189.D  
Acq: 24 May 2017 20:14

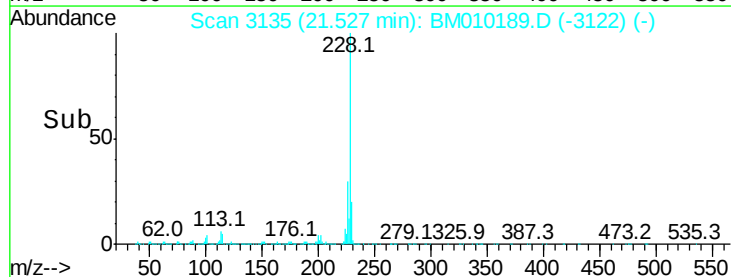
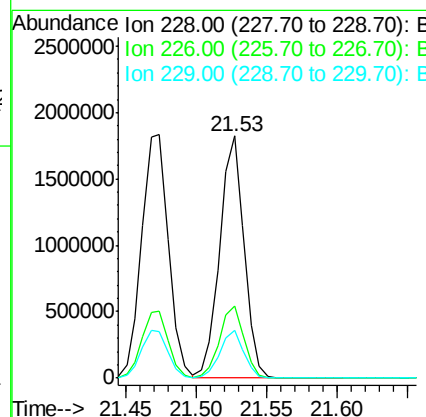
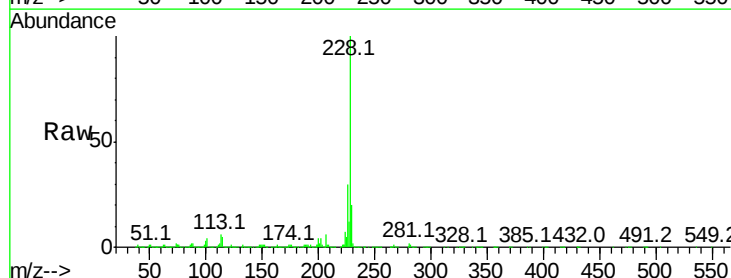
Instrument :  
BNA\_M  
ClientSampleId :  
DSK-SB1(5-10)MS

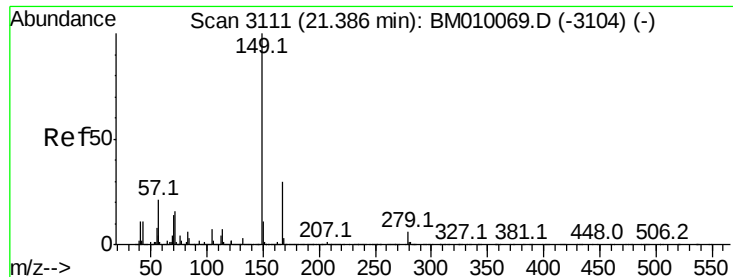
Tot Ion:252 Resp: 775873  
Ion Ratio Lower Upper  
252 100  
254 62.1 51.9 77.9  
126 7.0 9.8 14.8#



#82  
Chrysene  
Concen: 36.50 ng  
RT: 21.53 min Scan# 3135  
Delta R.T. -0.02 min  
Lab File: BM010189.D  
Acq: 24 May 2017 20:14

Tgt Ion:228 Resp: 2181433  
Ion Ratio Lower Upper  
228 100  
226 30.0 24.1 36.1  
229 19.6 15.5 23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.94 ng

RT: 21.36 min Scan# 3106

Delta R.T. -0.03 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

Instrument :

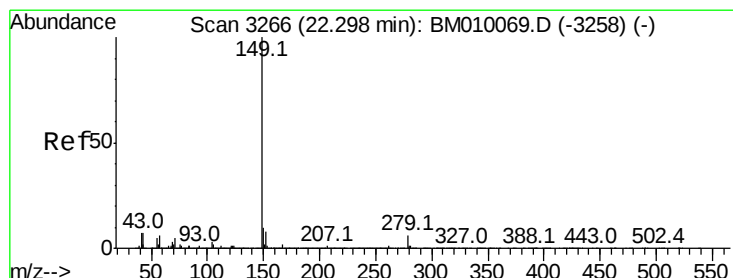
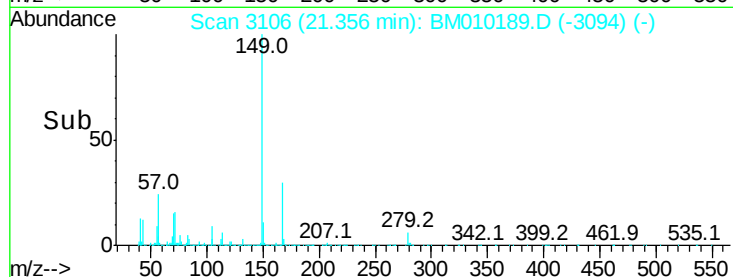
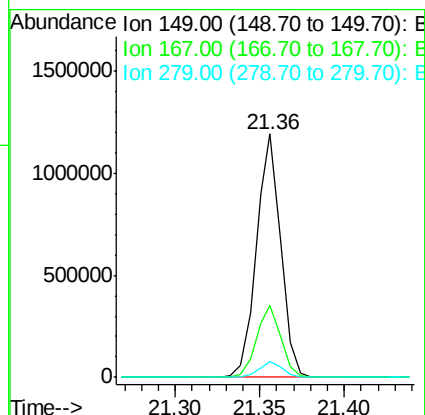
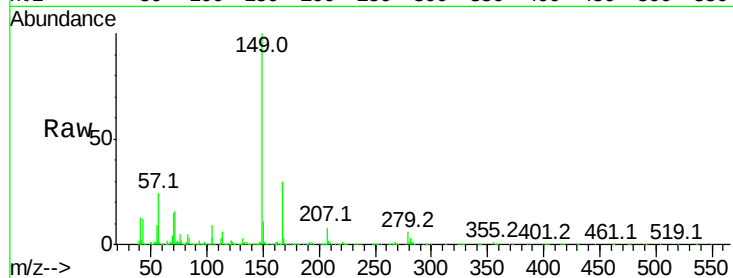
BNA\_M

ClientSampleId :

DSK-SB1(5-10)MS

Tot Ion:149 Resp: 1185759

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 29.5  | 22.4  | 33.6  |
| 279 | 6.4   | 3.4   | 5.0   |



#84

Di-n-octyl phthalate

Concen: 35.71 ng

RT: 22.26 min Scan# 3260

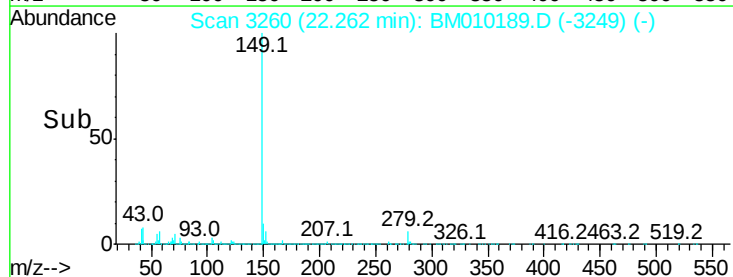
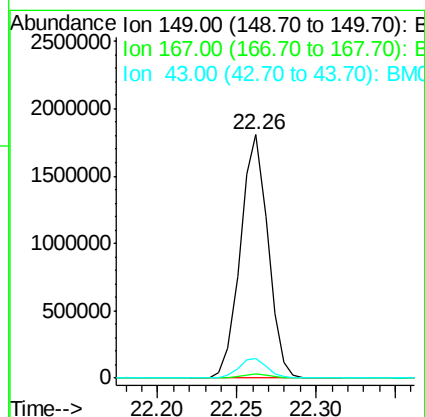
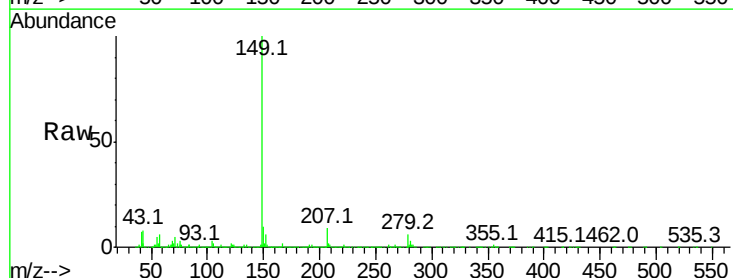
Delta R.T. -0.04 min

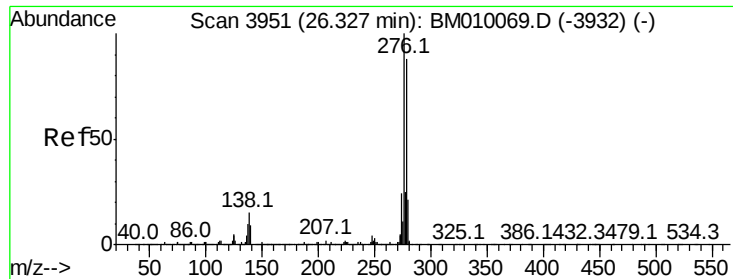
Lab File: BM010189.D

Acq: 24 May 2017 20:14

Tgt Ion:149 Resp: 2169439

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.8   | 1.2   | 1.8   |
| 43  | 8.4   | 7.3   | 10.9  |

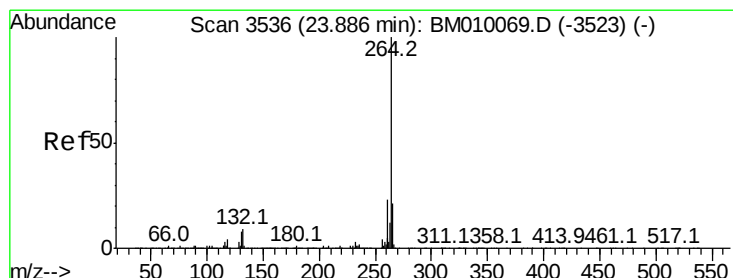
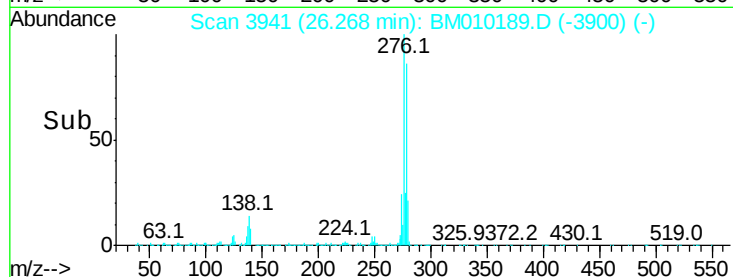
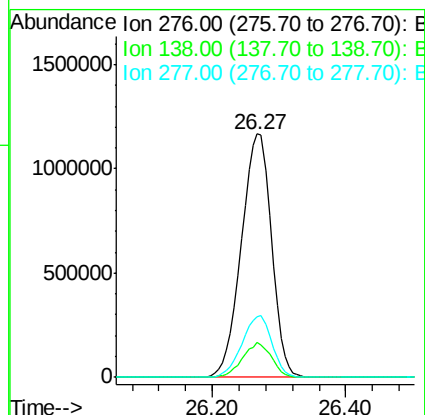
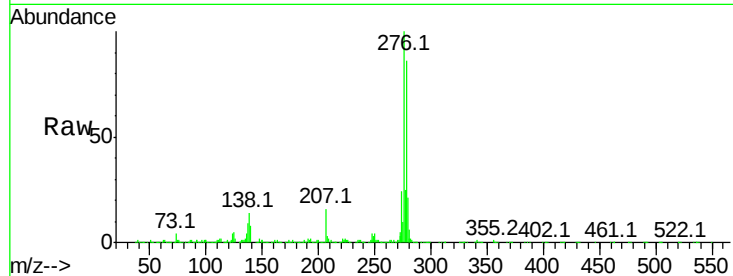




#85  
Indeno(1,2,3-cd)pyrene  
Concen: 41.38 ng  
RT: 26.27 min Scan# 3941  
Delta R.T. -0.06 min  
Lab File: BM010189.D  
Acq: 24 May 2017 20:14

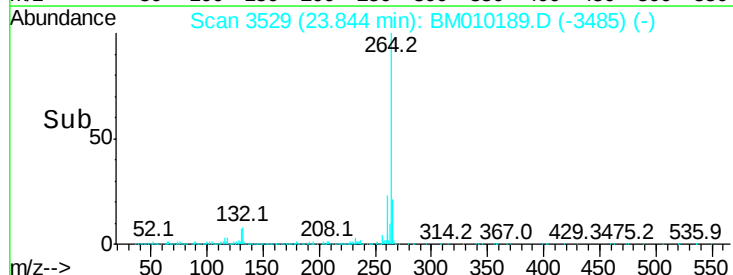
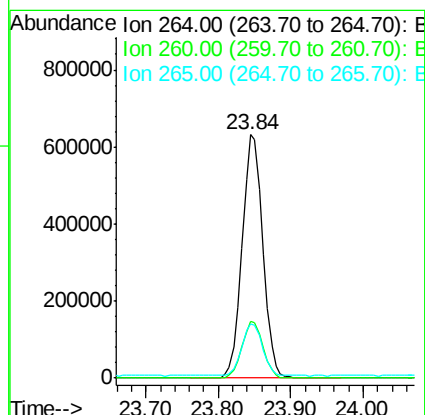
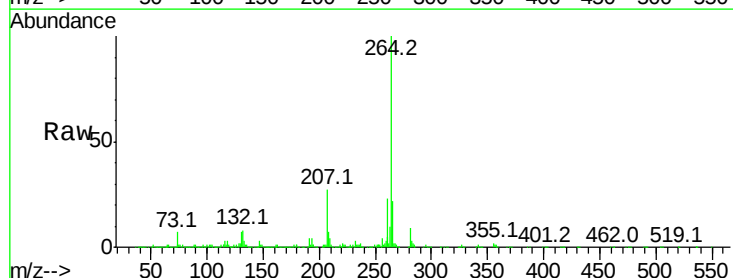
Instrument :  
BNA\_M  
ClientSampleId :  
DSK-SB1(5-10)MS

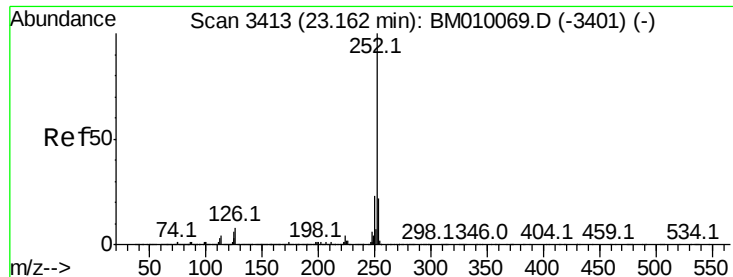
Tot Ion:276 Resp: 3626688  
Ion Ratio Lower Upper  
276 100  
138 13.6 0.0 0.0#  
277 25.2 0.0 0.0#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.84 min Scan# 3529  
Delta R.T. -0.04 min  
Lab File: BM010189.D  
Acq: 24 May 2017 20:14

Tgt Ion:264 Resp: 1253303  
Ion Ratio Lower Upper  
264 100  
260 23.2 18.6 27.8  
265 22.2 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 38.86 ng

RT: 23.13 min Scan# 3407

Delta R.T. -0.04 min

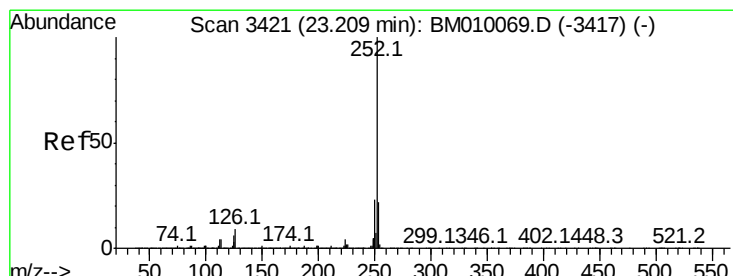
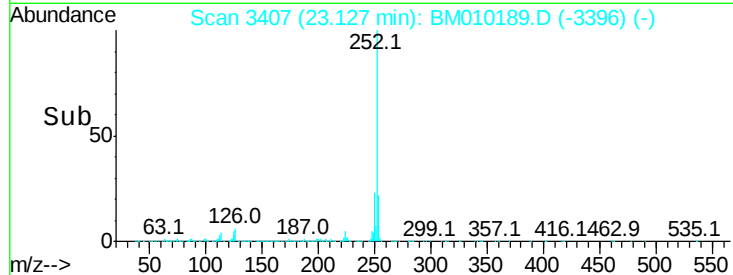
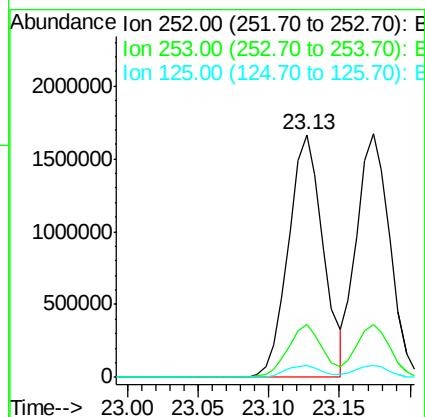
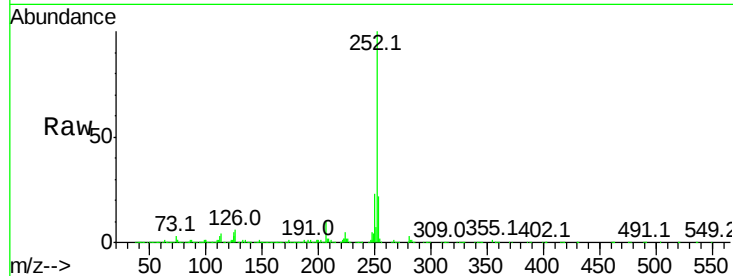
Lab File: BM010189.D

Acq: 24 May 2017 20:14

Instrument :  
BNA\_M  
ClientSampleId :  
DSK-SB1(5-10)MS

Tot Ion:252 Resp: 2850014

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.1  | 18.0  | 27.0  |
| 125 | 4.8   | 9.9   | 14.9# |



#88

Benzo(k)fluoranthene

Concen: 37.82 ng

RT: 23.17 min Scan# 3415

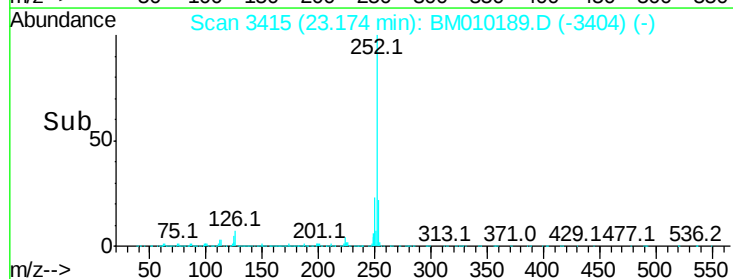
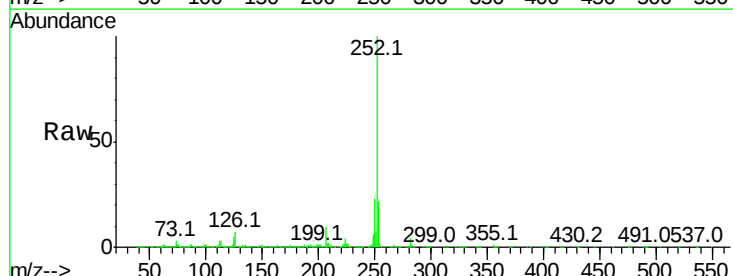
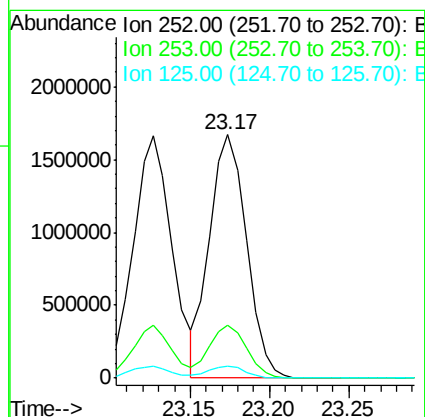
Delta R.T. -0.04 min

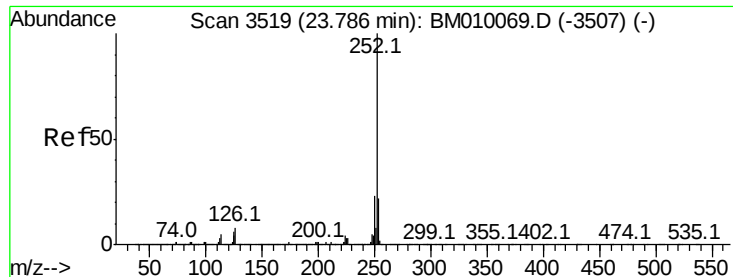
Lab File: BM010189.D

Acq: 24 May 2017 20:14

Tgt Ion:252 Resp: 2717659

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.9  | 17.2  | 25.8  |
| 125 | 5.2   | 8.1   | 12.1# |





#89

Benzo(a)pyrene

Concen: 39.14 ng

RT: 23.74 min Scan# 3512

Delta R.T. -0.04 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

Instrument :

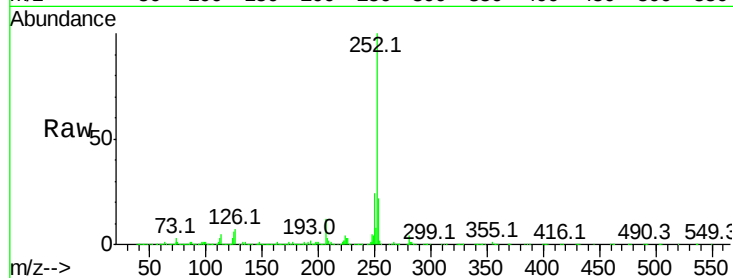
BNA\_M

ClientSampleId :

DSK-SB1(5-10)MS

Tot Ion:252 Resp: 2735768

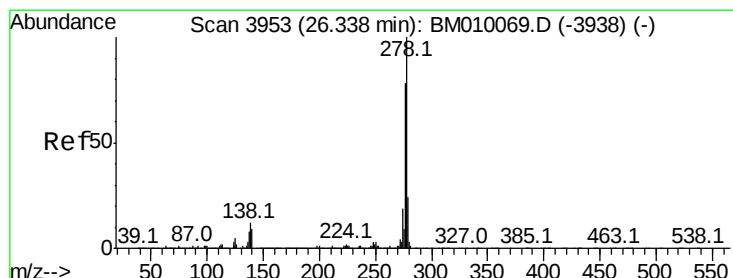
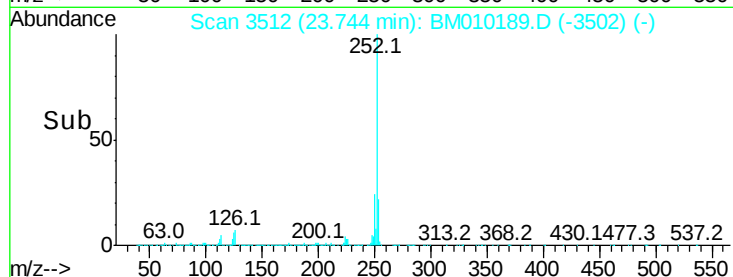
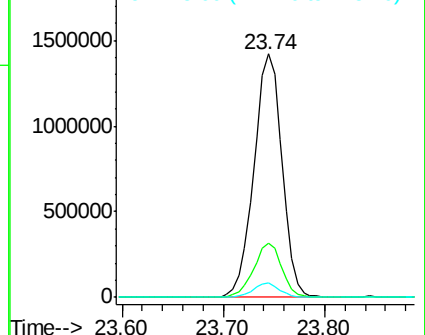
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.3  | 17.6  | 26.4  |
| 125 | 5.8   | 7.4   | 11.2  |



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.38 ng

RT: 26.28 min Scan# 3943

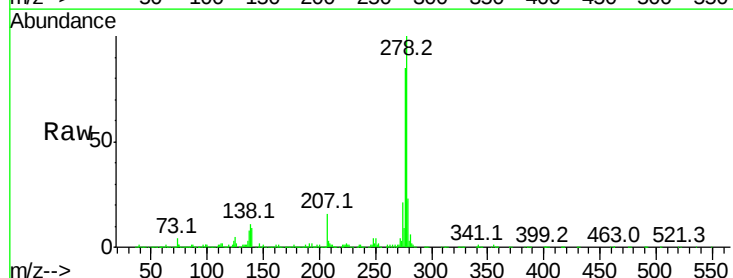
Delta R.T. -0.06 min

Lab File: BM010189.D

Acq: 24 May 2017 20:14

Tgt Ion:278 Resp: 3077524

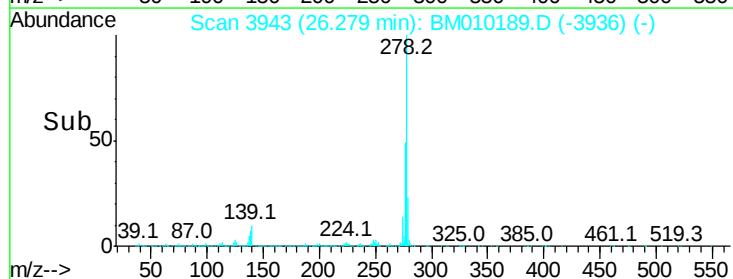
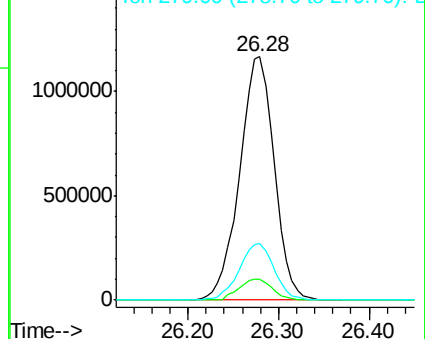
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 8.6   | 13.4  | 20.0  |
| 279 | 23.3  | 19.0  | 28.4  |

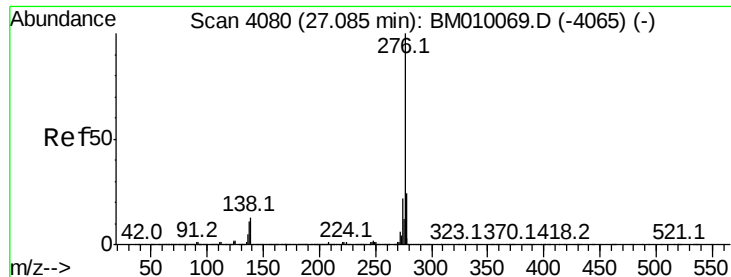


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91  
 Benzo(a,h,i)perylene  
 Concen: 38.68 ng  
 RT: 27.02 min Scan# 4069  
 Delta R.T. -0.06 min  
 Lab File: BM010189.D  
 Acq: 24 May 2017 20:14

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DSK-SB1(5-10)MS

Tot Ion:276 Resp: 2962212  
 Ion Ratio Lower Upper  
 276 100  
 277 22.6 18.5 27.7  
 138 11.1 19.0 28.6#

