

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\  
 Data File : BF105176.D  
 Acq On : 9 May 2018 6:03  
 Operator : JU/SJ  
 Sample : J2759-01  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: May 09 11:40:40 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 08 16:33:54 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.79  | 152  | 204117   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.07  | 136  | 793081   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.82  | 164  | 393827   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.31 | 188  | 755236   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.99 | 240  | 656915   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 15.53 | 264  | 554479   | 20.00 | ng    | -0.03    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.40  | 112 | 862368  | 69.60  | ng | 0.00  |
| 7) Phenol-d6             | 6.41  | 99  | 663581  | 44.98  | ng | -0.01 |
| 23) Nitrobenzene-d5      | 7.36  | 82  | 1368879 | 116.98 | ng | 0.00  |
| 41) 2,4,6-Tribromophenol | 10.62 | 330 | 658151  | 151.47 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 9.15  | 172 | 2379162 | 93.76  | ng | 0.00  |
| 78) Terphenyl-d14        | 12.91 | 244 | 2528621 | 89.41  | ng | 0.00  |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.39  | 88  | 336     | 0.051  | ng | # 1    |
| 4) n-Nitrosodimethylamine      | 3.14  | 42  | 113     | 0.013  | ng | # 1    |
| 6) Aniline                     | 6.56  | 93  | 2195    | 0.102  | ng | # 1    |
| 8) 2-Chlorophenol              | 6.57  | 128 | 848     | 0.065  | ng | # 50   |
| 9) Benzaldehyde                | 6.56  | 77  | 33054   | 2.923  | ng | # 80   |
| 10) Phenol                     | 6.42  | 94  | 4650    | 0.283  | ng | # 85   |
| 11) bis(2-Chloroethyl)ether    | 6.56  | 93  | 2195    | 0.162  | ng | # 1    |
| 12) 1,3-Dichlorobenzene        | 6.95  | 146 | 469     | 0.030  | ng | # 1    |
| 13) 1,4-Dichlorobenzene        | 6.95  | 146 | 469     | 0.030  | ng | # 1    |
| 14) 1,2-Dichlorobenzene        | 6.95  | 146 | 469     | 0.032  | ng | # 1    |
| 15) Benzyl Alcohol             | 6.95  | 79  | 22503   | 1.993  | ng | # 42   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.20  | 45  | 106     | 0.004  | ng | # 1    |
| 17) 2-Methylphenol             | 6.93  | 107 | 148     | 0.013  | ng | # 1    |
| 18) Hexachloroethane           | 7.32  | 117 | 227     | 0.045  | ng | # 49   |
| 19) n-Nitroso-di-n-propylamine | 7.36  | 70  | 186926  | 19.137 | ng | # 84   |
| 20) 3+4-Methylphenols          | 6.93  | 107 | 148     | 0.011  | ng | # 1    |
| 22) Acetophenone               | 7.19  | 105 | 757     | 0.041  | ng | # 67   |
| 24) Nitrobenzene               | 7.36  | 77  | 4330    | 0.326  | ng | # 31   |
| 25) Isophorone                 | 7.36  | 82  | 1368860 | 52.306 | ng | # 64   |
| 27) 2,4-Dimethylphenol         | 7.72  | 122 | 125     | 0.011  | ng | # 4    |
| 28) bis(2-Chloroethoxy)methane | 8.07  | 93  | 134     | 0.008  | ng | # 1    |
| 31) Naphthalene                | 8.09  | 128 | 4011    | 0.105  | ng | # 91   |
| 32) Benzoic acid               | 7.85  | 122 | 112     | 9.158  | ng | # 1    |
| 33) 4-Chloroaniline            | 8.09  | 127 | 665     | 0.042  | ng | # 59   |
| 35) Caprolactam                | 8.46  | 113 | 2335    | 0.707  | ng | # 65   |
| 37) 2-Methylnaphthalene        | 8.78  | 142 | 786     | 0.030  | ng | # 99   |
| 45) 1,1'-Biphenyl              | 9.25  | 154 | 9173    | 0.286  | ng | # 93   |
| 46) 2-Chloronaphthalene        | 9.54  | 162 | 1441    | 0.060  | ng | # 1    |
| 47) 2-Nitroaniline             | 9.54  | 65  | 1436    | 5.982  | ng | # 1    |
| 48) Acenaphthylene             | 9.68  | 152 | 4109    | 0.111  | ng | # 92   |
| 49) Dimethylphthalate          | 9.54  | 163 | 132333  | 4.963  | ng | # 100  |
| 50) 2,6-Dinitrotoluene         | 9.82  | 165 | 51339   | 8.874  | ng | # 26   |
| 51) Acenaphthene               | 9.86  | 154 | 11109   | 0.465  | ng | # 96   |
| 54) Dibenzofuran               | 10.03 | 168 | 8670    | 0.248  | ng | # 97   |

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\  
 Data File : BF105176.D  
 Acq On : 9 May 2018 6:03  
 Operator : JU/SJ  
 Sample : J2759-01  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

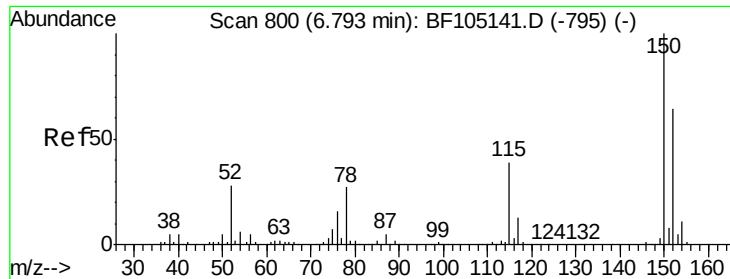
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: May 09 11:40:40 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 08 16:33:54 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 55) 4-Nitrophenol              | 10.03 | 139  | 3402     | 4.887 | nq    | # 17     |
| 56) 2,4-Dinitrotoluene         | 9.82  | 165  | 51339    | 9.781 | nq    | # 23     |
| 57) Fluorene                   | 10.37 | 166  | 8943     | 0.349 | nq    | # 96     |
| 59) Diethylphthalate           | 10.25 | 149  | 2707     | 0.103 | nq    | # 84     |
| 62) Azobenzene                 | 10.53 | 77   | 985      | 0.036 | nq    | # 1      |
| 64) 4,6-Dinitro-2-methylphenol | 10.62 | 198  | 1323     | 9.256 | nq    | # 1      |
| 65) n-Nitrosodiphenylamine     | 10.62 | 169  | 17031    | 0.723 | nq    | # 46     |
| 66) 4-Bromophenyl-phenylether  | 10.62 | 248  | 37115    | 4.608 | nq    | # 1      |
| 69) Pentachlorophenol          | 11.11 | 266  | 404      | 3.297 | nq    | # 19     |
| 70) Phenanthrene               | 11.33 | 178  | 11710    | 0.294 | nq    | 96       |
| 71) Anthracene                 | 11.33 | 178  | 11710    | 0.289 | nq    | 96       |
| 72) Carbazole                  | 11.54 | 167  | 5800     | 0.159 | nq    | 98       |
| 73) Di-n-butylphthalate        | 11.87 | 149  | 2357     | 0.060 | nq    | # 63     |
| 74) Fluoranthene               | 12.52 | 202  | 25617    | 0.617 | nq    | 96       |
| 77) Pyrene                     | 12.75 | 202  | 23379    | 0.489 | nq    | 97       |
| 79) Butylbenzylphthalate       | 13.39 | 149  | 2429     | 7.020 | nq    | # 53     |
| 80) Benzo(a)anthracene         | 13.98 | 228  | 6320     | 0.159 | nq    | 95       |
| 81) 3,3'-Dichlorobenzidine     | 13.83 | 252  | 132      | 0.009 | nq    | # 1      |
| 82) Chrysene                   | 14.02 | 228  | 3579     | 0.087 | nq    | 94       |
| 83) Bis(2-ethylhexyl)phthalate | 13.98 | 149  | 3413     | 0.173 | nq    | # 91     |
| 84) Di-n-octyl phthalate       | 14.66 | 149  | 815      | 6.954 | nq    | # 75     |
| 85) Indeno(1,2,3-cd)pyrene     | 16.96 | 276  | 936      | 0.029 | nq    | # 46     |
| 87) Benzo(b)fluoranthene       | 15.10 | 252  | 3338     | 0.098 | nq    | # 90     |
| 88) Benzo(k)fluoranthene       | 15.10 | 252  | 3338     | 0.101 | nq    | # 93     |
| 89) Benzo(a)pyrene             | 15.46 | 252  | 2307     | 0.075 | nq    | # 84     |
| 91) Benzo(g,h,i)perylene       | 17.38 | 276  | 843      | 0.036 | nq    | # 50     |

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



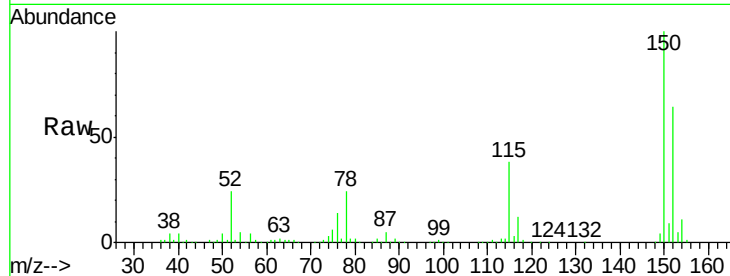


#1

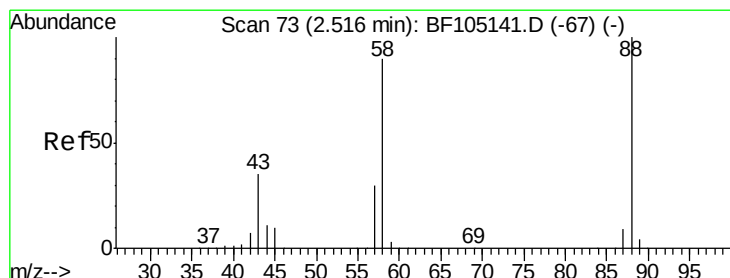
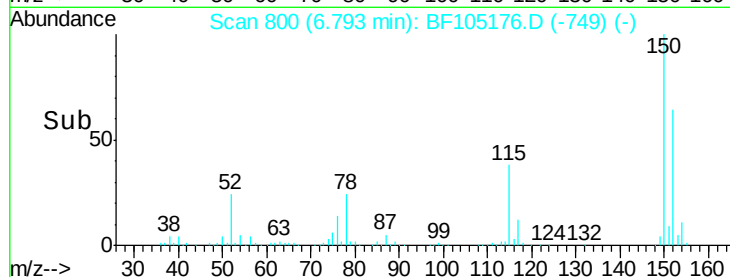
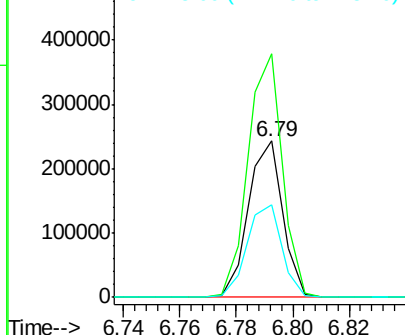
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.79 min Scan# 800  
Delta R.T. -0.00 min  
Lab File: BF105176.D  
Acq: 9 May 2018 6:03

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:152 Resp: 204117  
Ion Ratio Lower Upper  
152 100  
150 156.0 124.6 186.8  
115 59.5 50.1 75.1



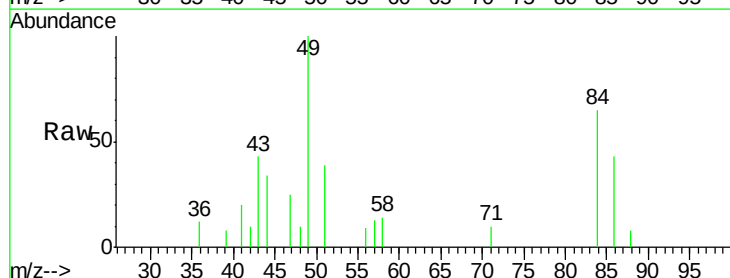
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



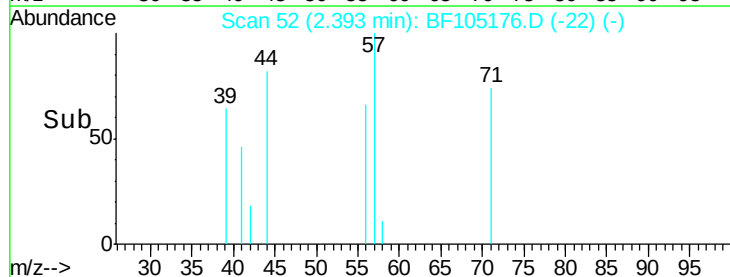
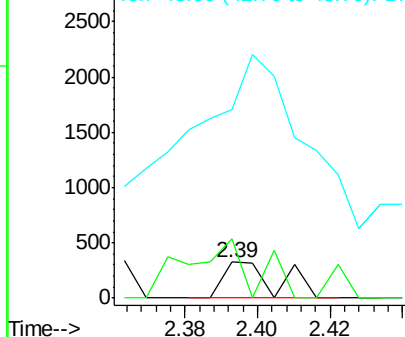
#2

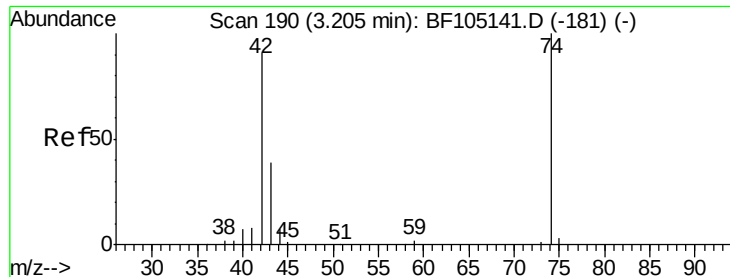
1,4-Dioxane  
Concen: 0.051 ng  
RT: 2.39 min Scan# 52  
Delta R.T. -0.12 min  
Lab File: BF105176.D  
Acq: 9 May 2018 6:03

Tgt Ion: 88 Resp: 336  
Ion Ratio Lower Upper  
88 100  
58 207.1 62.6 93.8#  
43 966.4 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1  
Ion 58.00 (57.70 to 58.70): BF1  
Ion 43.00 (42.70 to 43.70): BF1





#4

n-Nitrosodimethylamine

Concen: 0.013 ng

RT: 3.14 min Scan# 179

Delta R.T. -0.06 min

Lab File: BF105176.D

Acq: 9 May 2018 6:03

Instrument :

BNA\_F

ClientSampleId :

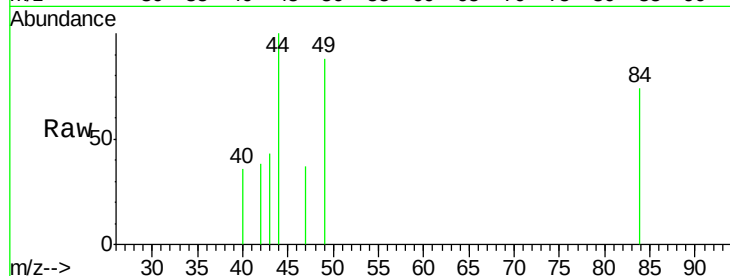
Tot Ion: 42 Resp: 113

Ion Ratio Lower Upper

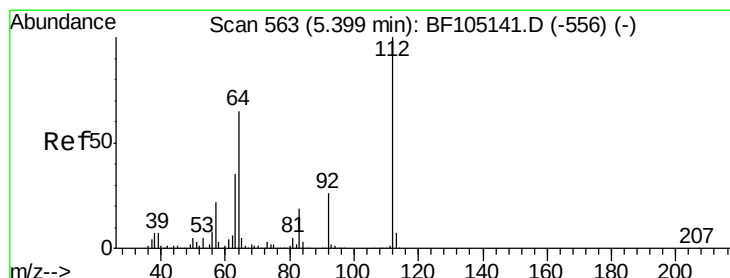
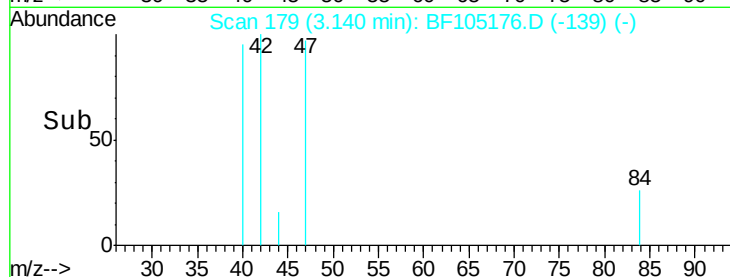
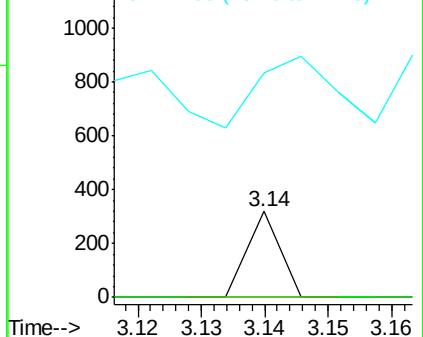
42 100

74 0.0 104.9 157.3#

44 261.4 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1  
Ion 74.00 (73.70 to 74.70): BF1  
Ion 44.00 (43.70 to 44.70): BF1



#5

2-Fluorophenol

Concen: 69.602 ng

RT: 5.40 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF105176.D

Acq: 9 May 2018 6:03

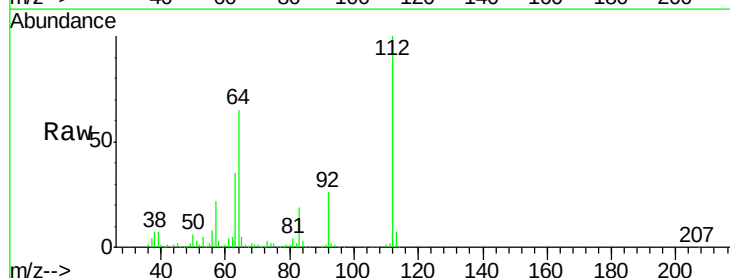
Tgt Ion: 112 Resp: 862368

Ion Ratio Lower Upper

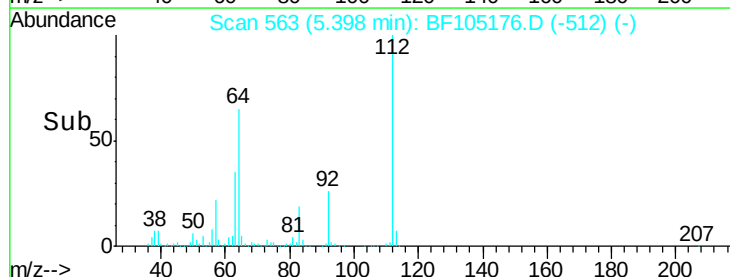
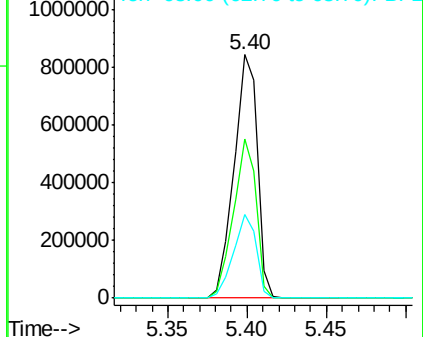
112 100

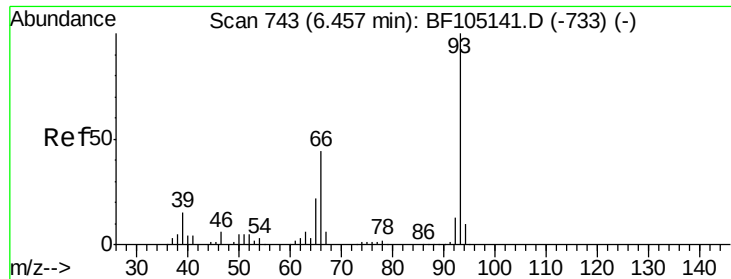
64 65.1 47.9 71.9

63 34.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1





#6

Aniline

Concen: 0.102 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.10 min

Lab File: BF105176.D

Acq: 9 May 2018 6:03

Instrument :

BNA\_F

ClientSampleId :

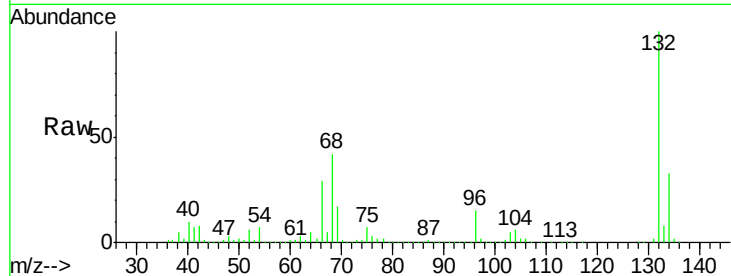
Tot Ion: 93 Resp: 2195

Ion Ratio Lower Upper

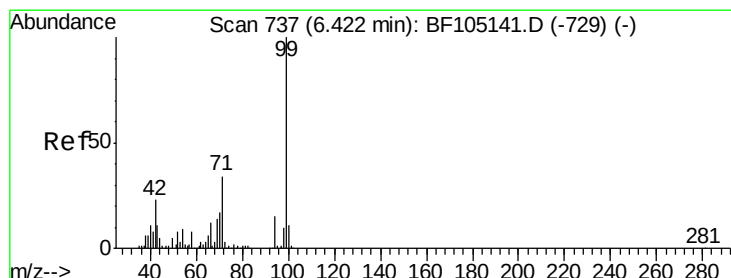
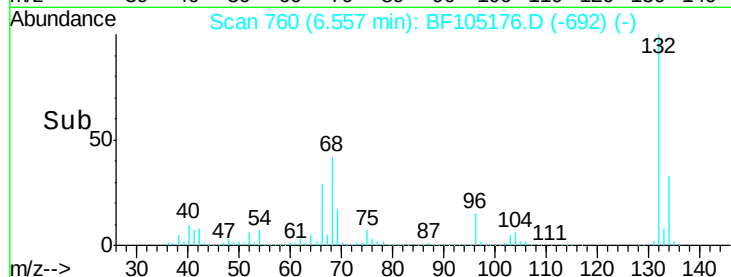
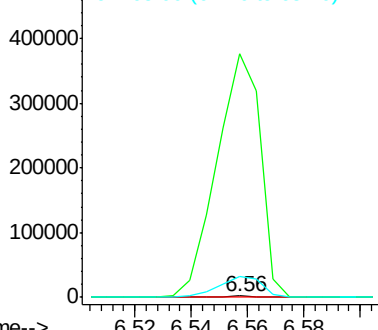
93 100

66 18682.0 32.2 48.2#

65 1570.2 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 66.00 (65.70 to 66.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 44.980 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF105176.D

Acq: 9 May 2018 6:03

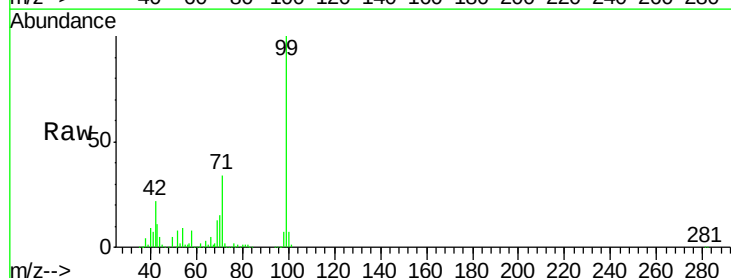
Tgt Ion: 99 Resp: 663581

Ion Ratio Lower Upper

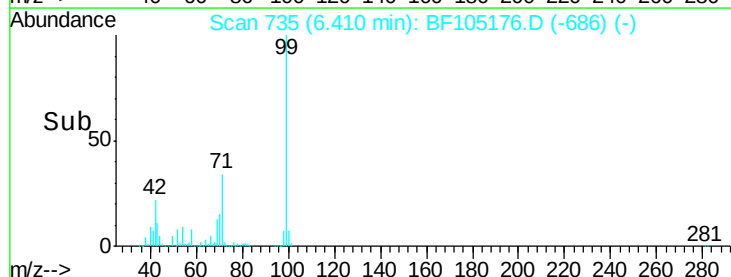
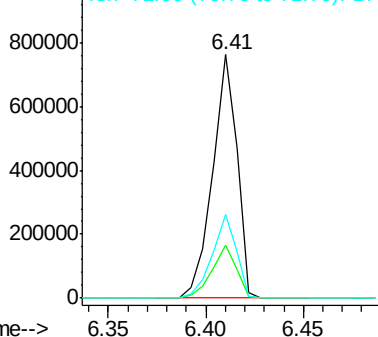
99 100

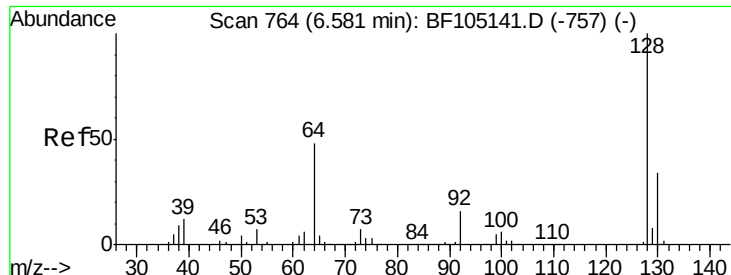
42 21.9 14.5 21.7#

71 34.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1





#8

2-Chlorophenol

Concen: 0.065 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF105176.D

Acq: 9 May 2018 6:03

Instrument :

BNA\_F

ClientSampled :

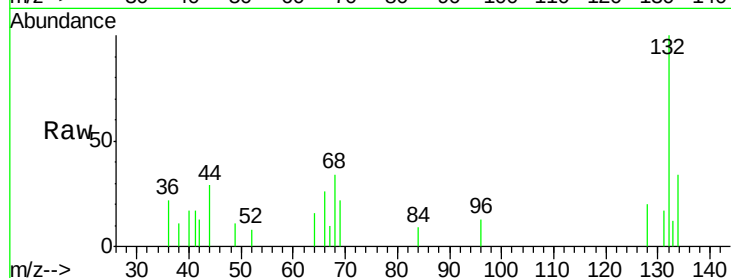
Tot Ion:128 Resp: 848

Ion Ratio Lower Upper

128 100

130 0.0 13.0 53.0#

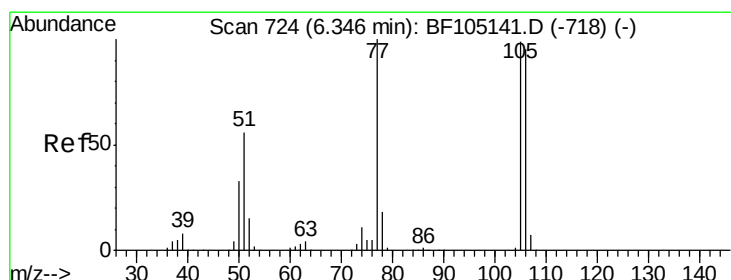
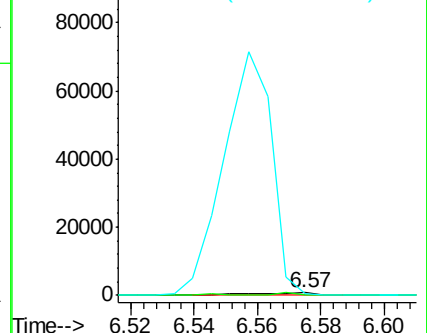
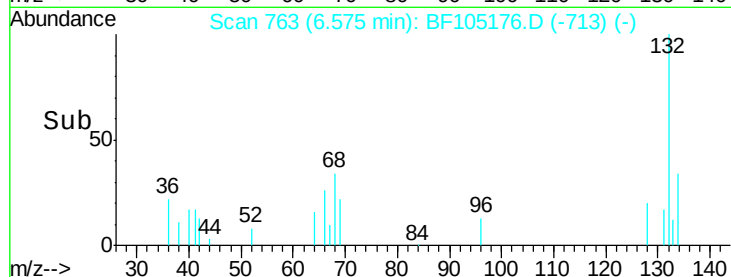
64 79.8 29.4 69.4#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



#9

Benzaldehyde

Concen: 2.923 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.21 min

Lab File: BF105176.D

Acq: 9 May 2018 6:03

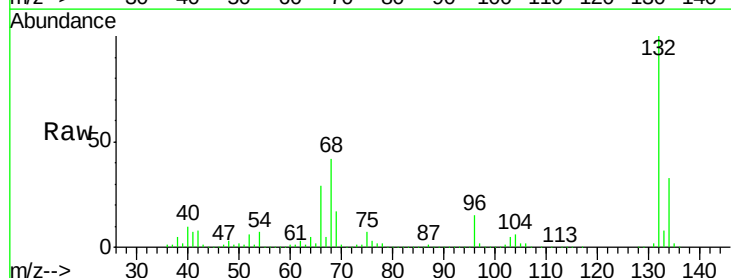
Tgt Ion: 77 Resp: 33054

Ion Ratio Lower Upper

77 100

105 78.9 81.1 121.1#

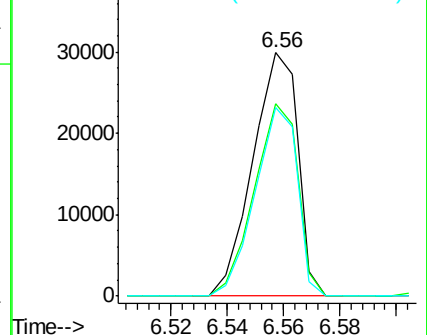
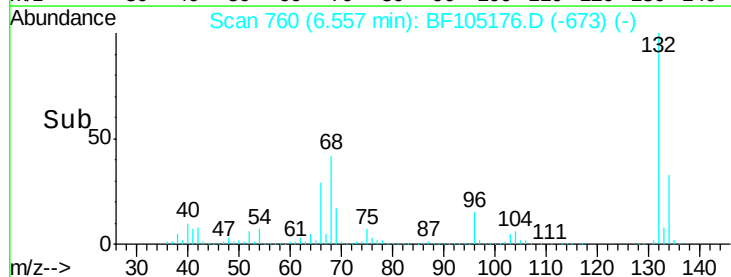
106 77.3 74.5 114.5

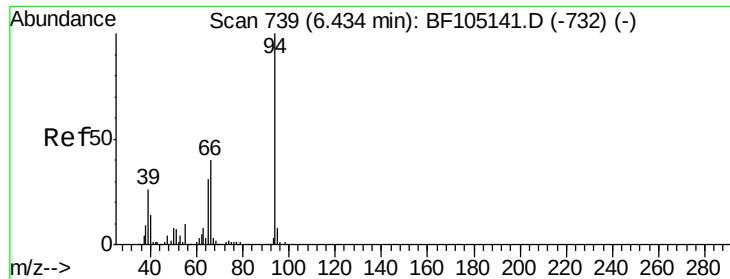


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

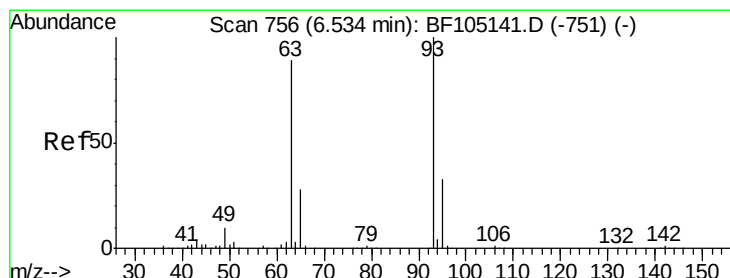
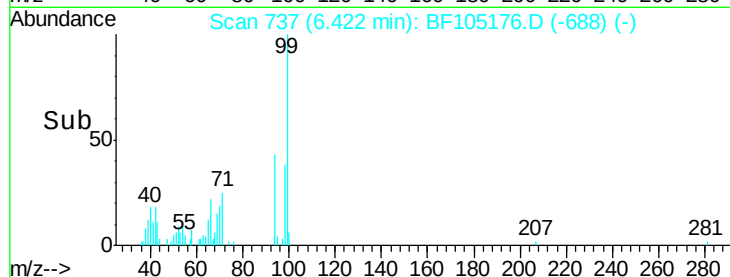
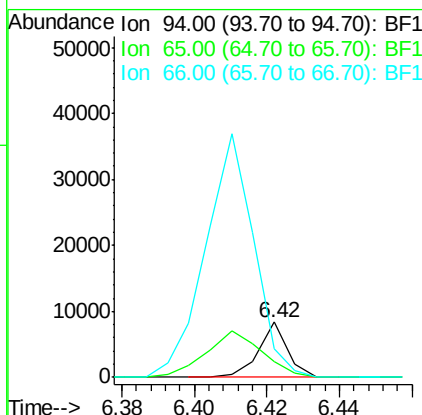
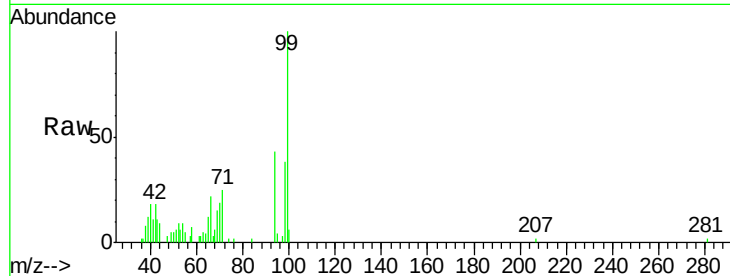




#10  
Phenol  
Concen: 0.283 ng  
RT: 6.42 min Scan# 737  
Delta R.T. -0.01 min  
Lab File: BF105176.D  
Acq: 9 May 2018 6:03

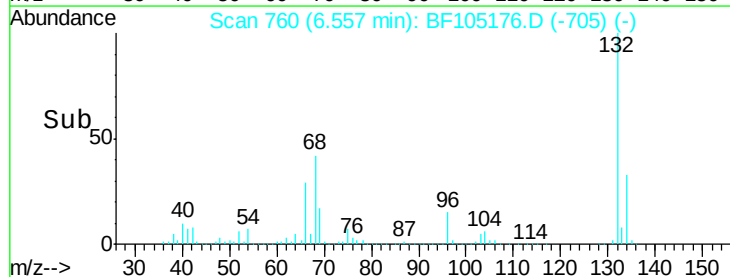
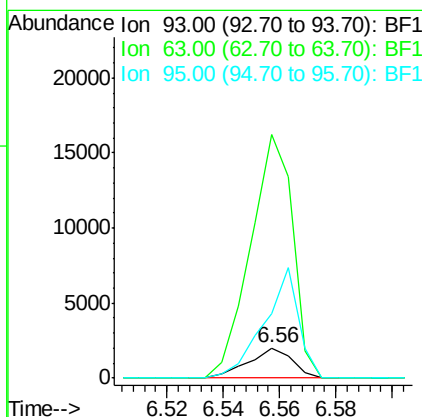
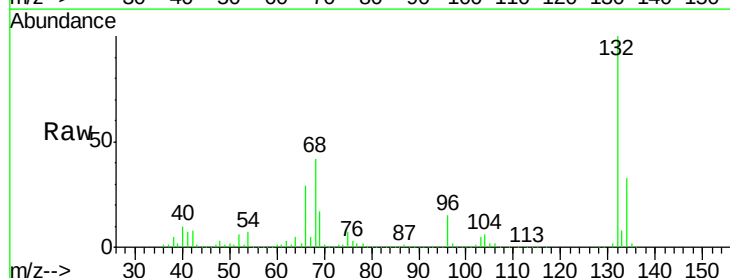
Instrument :  
BNA\_F  
ClientSampled :

Tot Ion: 94 Resp: 4650  
Ion Ratio Lower Upper  
94 100  
65 28.4 7.9 47.9  
66 51.6 16.2 56.2

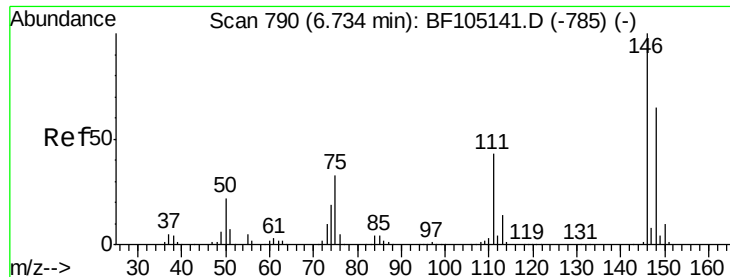


#11  
bis(2-Chloroethyl)ether  
Concen: 0.162 ng  
RT: 6.56 min Scan# 760  
Delta R.T. 0.02 min  
Lab File: BF105176.D  
Acq: 9 May 2018 6:03

Tgt Ion: 93 Resp: 2195  
Ion Ratio Lower Upper  
93 100  
63 805.4 58.6 98.6#  
95 211.6 11.8 51.8#



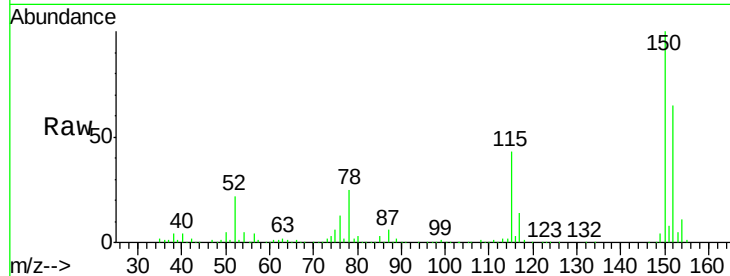




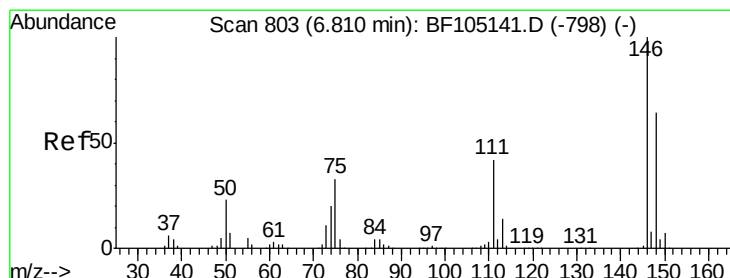
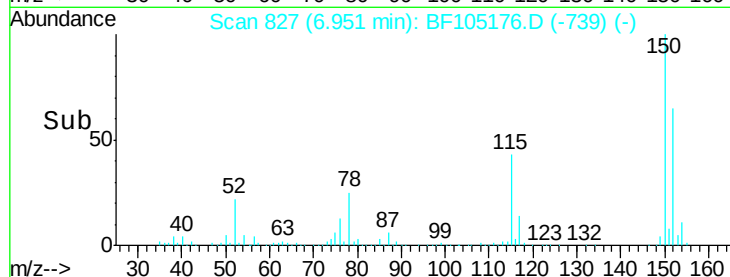
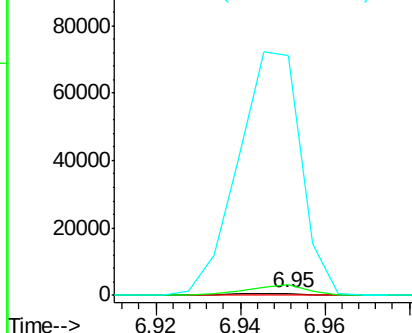
#12  
 1,3-Dichlorobenzene  
 Concen: 0.030 ng  
 RT: 6.95 min Scan# 827  
 Delta R.T. 0.22 min  
 Lab File: BF105176.D  
 Acq: 9 May 2018 6:03

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:146 Resp: 469  
 Ion Ratio Lower Upper  
 146 100  
 148 617.3 51.8 77.8#  
 75 13675.4 24.2 36.4#

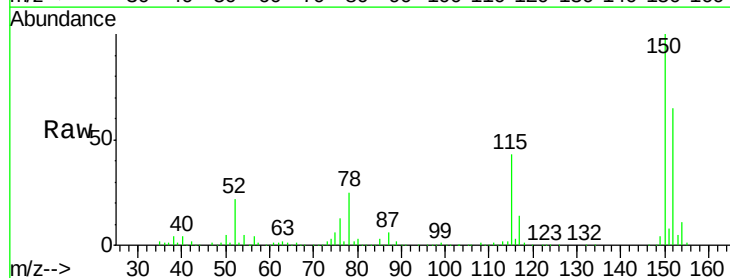


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 75.00 (74.70 to 75.70): BF1

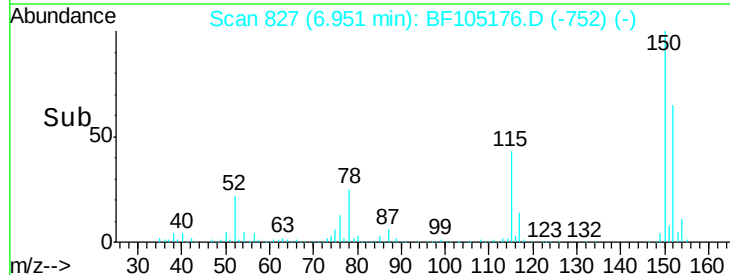
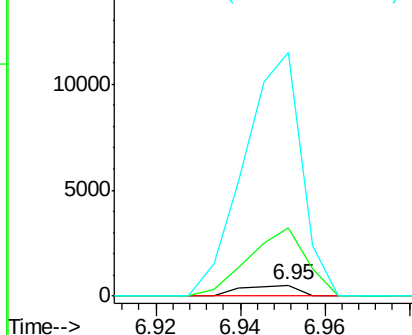


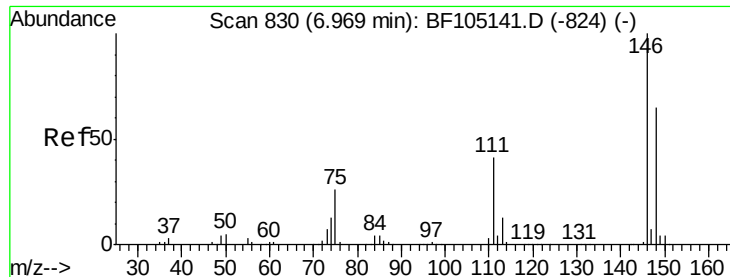
#13  
 1,4-Dichlorobenzene  
 Concen: 0.030 ng  
 RT: 6.95 min Scan# 827  
 Delta R.T. 0.14 min  
 Lab File: BF105176.D  
 Acq: 9 May 2018 6:03

Tgt Ion:146 Resp: 469  
 Ion Ratio Lower Upper  
 146 100  
 148 617.3 50.8 76.2#  
 111 2208.1 34.2 51.2#



Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

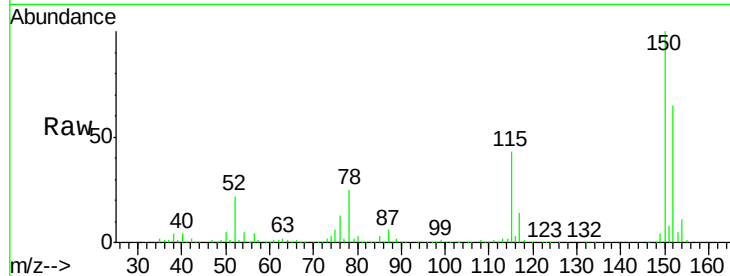




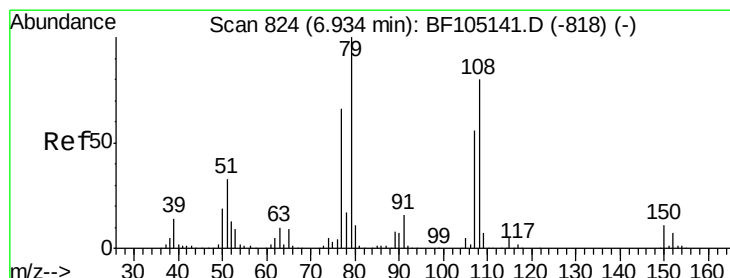
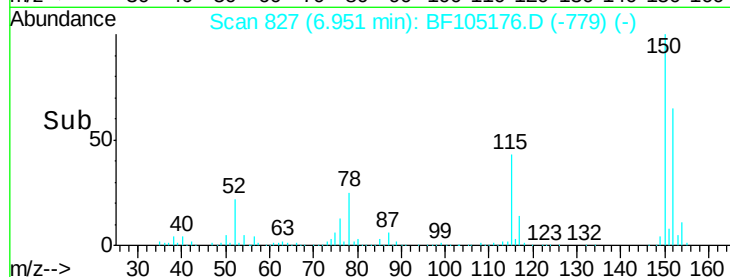
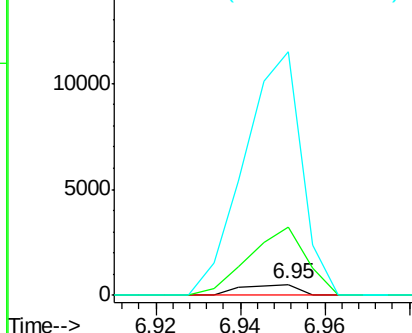
#14  
 1,2-Dichlorobenzene  
 Concen: 0.032 ng  
 RT: 6.95 min Scan# 827  
 Delta R.T. -0.02 min  
 Lab File: BF105176.D  
 Acq: 9 May 2018 6:03

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:146 Resp: 469  
 Ion Ratio Lower Upper  
 146 100  
 148 617.3 50.6 75.8#  
 111 2208.1 36.0 54.0#

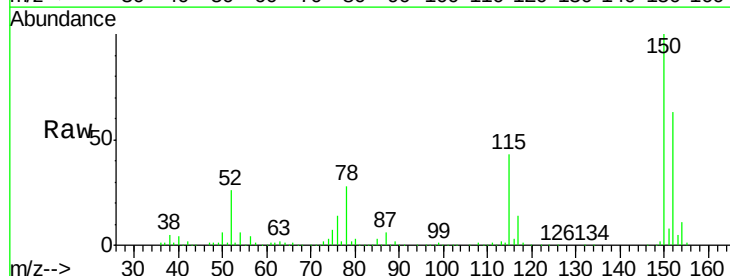


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

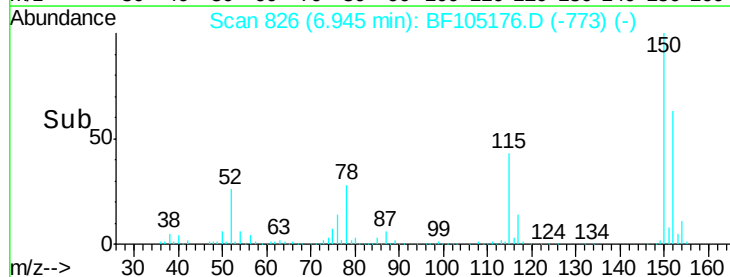
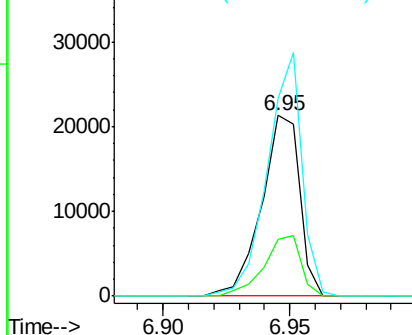


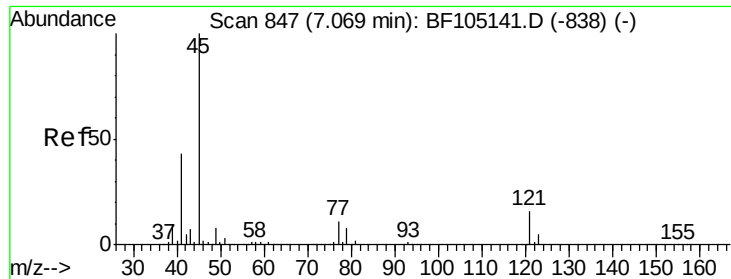
#15  
 Benzyl Alcohol  
 Concen: 1.993 ng  
 RT: 6.95 min Scan# 826  
 Delta R.T. 0.01 min  
 Lab File: BF105176.D  
 Acq: 9 May 2018 6:03

Tgt Ion: 79 Resp: 22503  
 Ion Ratio Lower Upper  
 79 100  
 108 31.3 65.1 97.7#  
 77 109.5 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1  
 Ion 108.00 (107.70 to 108.70): E  
 Ion 77.00 (76.70 to 77.70): BF1

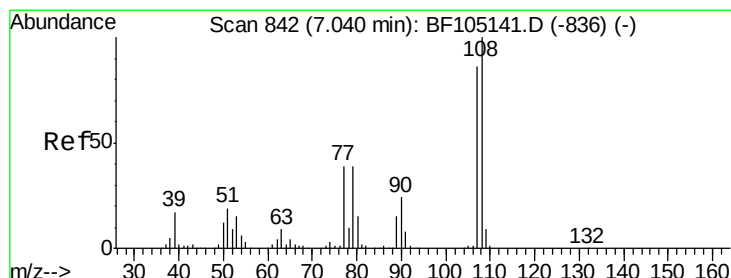
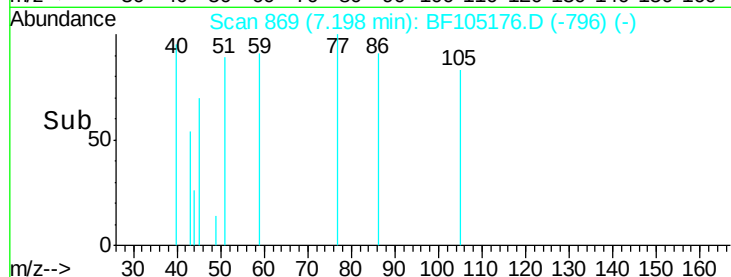
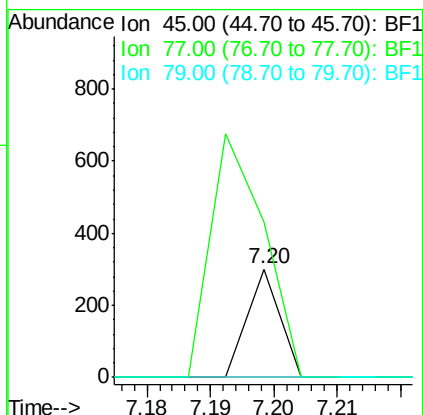
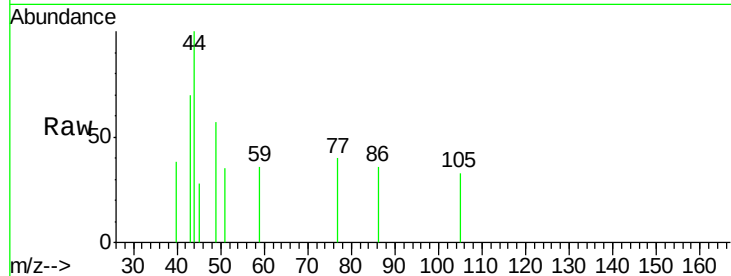




#16  
2,2'-oxvbis(1-Chloropropane)  
Concen: 0.004 ng  
RT: 7.20 min Scan# 869  
Delta R.T. 0.13 min  
Lab File: BF105176.D  
Acq: 9 May 2018 6:03

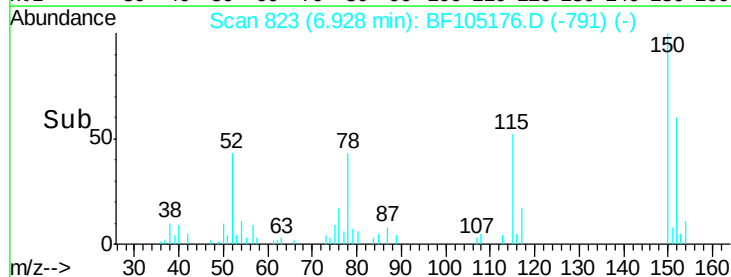
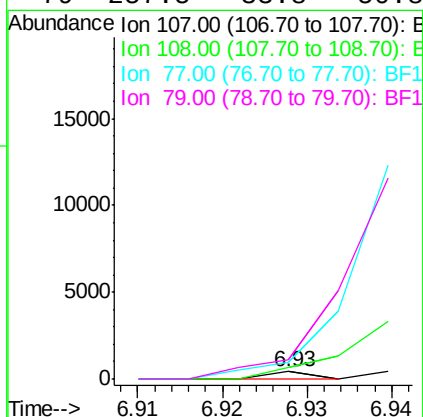
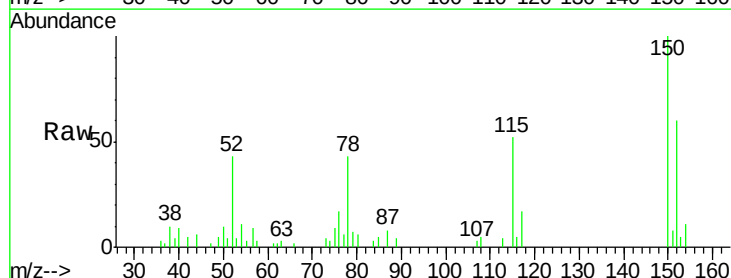
Instrument :  
BNA\_F  
ClientSampled :

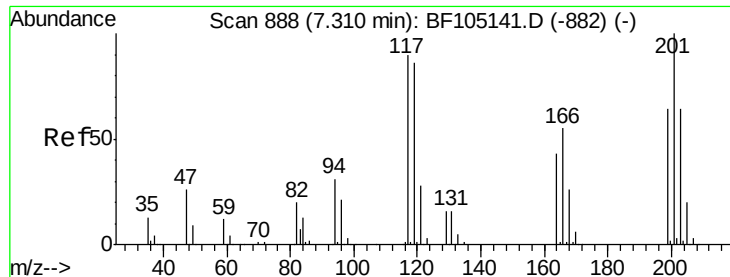
Tot Ion: 45 Resp: 106  
Ion Ratio Lower Upper  
45 100  
77 143.3 0.0 32.9#  
79 0.0 0.0 29.6



#17  
2-Methylphenol  
Concen: 0.013 ng  
RT: 6.93 min Scan# 823  
Delta R.T. -0.11 min  
Lab File: BF105176.D  
Acq: 9 May 2018 6:03

Tgt Ion: 107 Resp: 148  
Ion Ratio Lower Upper  
107 100  
108 159.4 91.7 137.5#  
77 225.7 33.8 50.8#  
79 257.5 33.8 50.8#

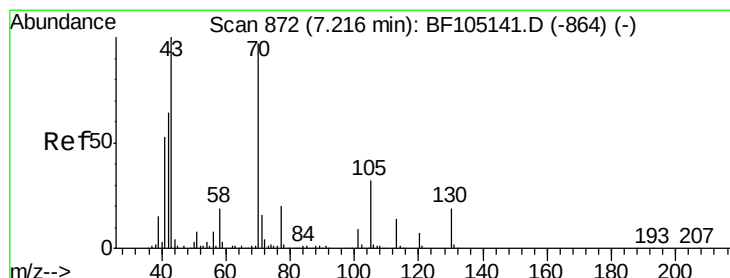
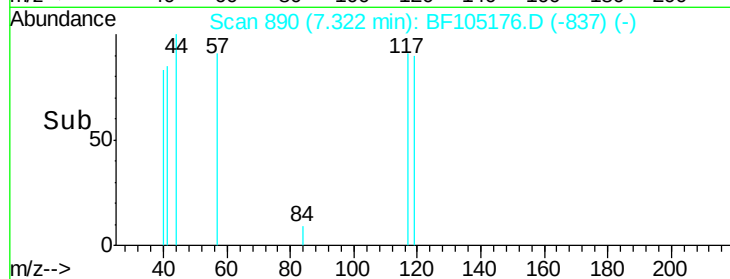
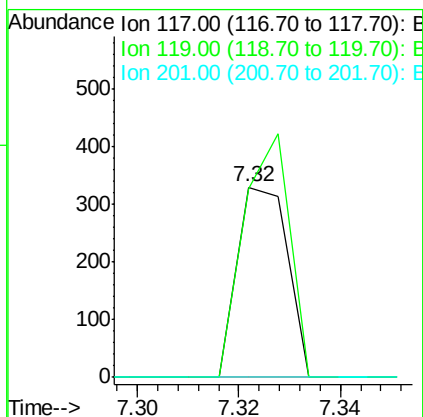
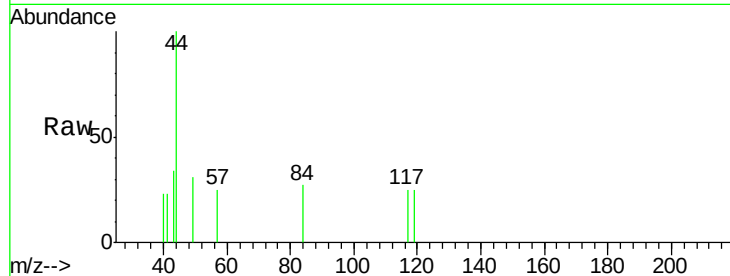




#18  
Hexachloroethane  
Concen: 0.045 ng  
RT: 7.32 min Scan# 890  
Delta R.T. 0.01 min  
Lab File: BF105176.D  
Acq: 9 May 2018 6:03

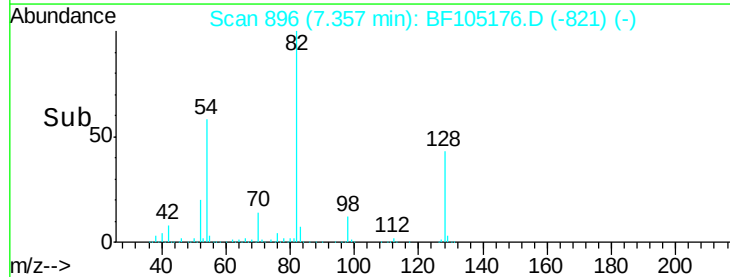
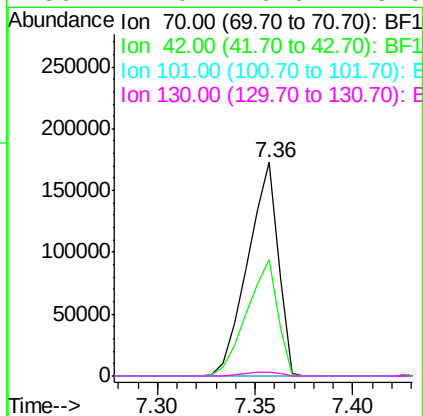
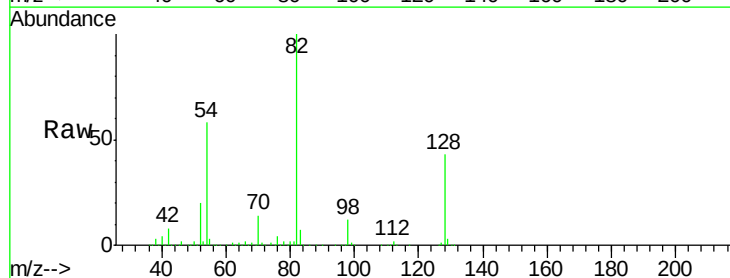
Instrument :  
BNA\_F  
ClientSampled :

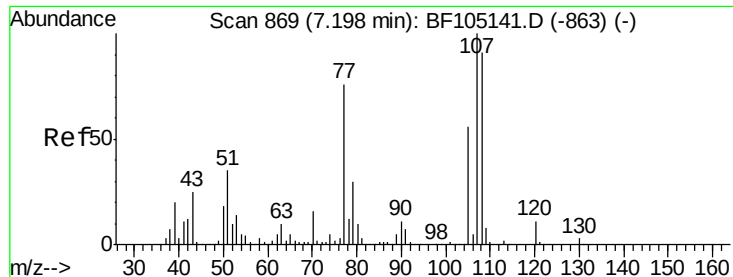
Tot Ion:117 Resp: 227  
Ion Ratio Lower Upper  
117 100  
119 99.4 75.8 113.8  
201 0.0 75.7 113.5#



#19  
n-Nitroso-di-n-propylamine  
Concen: 19.137 ng  
RT: 7.36 min Scan# 896  
Delta R.T. 0.14 min  
Lab File: BF105176.D  
Acq: 9 May 2018 6:03

Tgt Ion: 70 Resp: 186926  
Ion Ratio Lower Upper  
70 100  
42 54.5 47.5 71.3  
101 0.0 7.4 11.2#  
130 2.0 16.6 25.0#





#20

3+4-Methylphenols

Concen: 0.011 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.27 min

Lab File: BF105176.D

Acq: 9 May 2018 6:03

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:107 Resp: 148

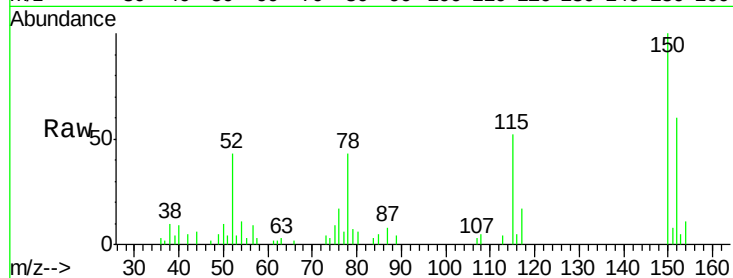
Ion Ratio Lower Upper

107 100

108 159.4 68.2 108.2#

77 225.7 26.7 66.7#

79 257.5 6.3 46.3#

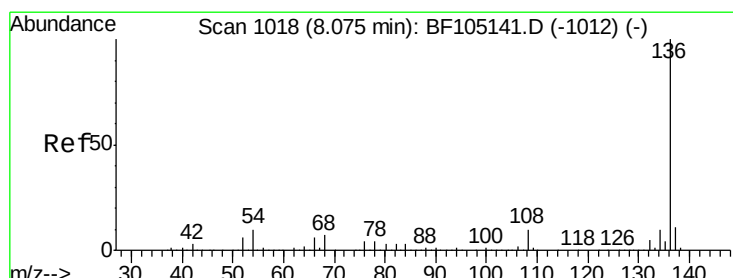
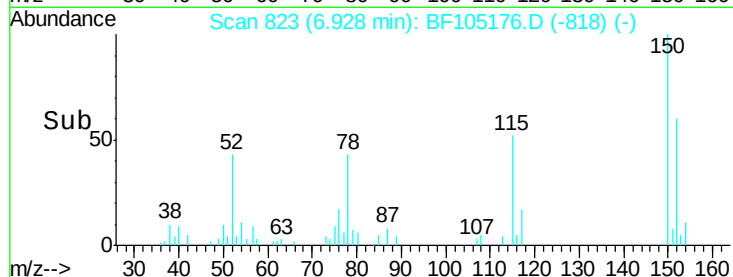
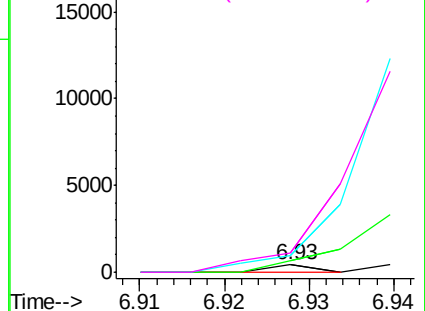


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF105176.D

Acq: 9 May 2018 6:03

Tgt Ion:136 Resp: 793081

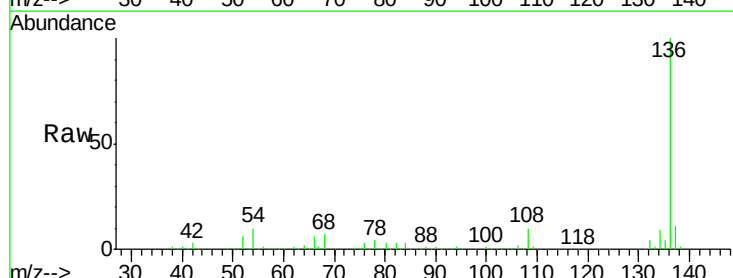
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 10.4 6.6 9.8#

68 6.5 5.0 7.4

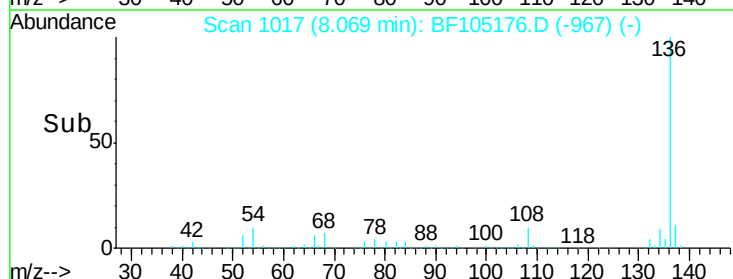
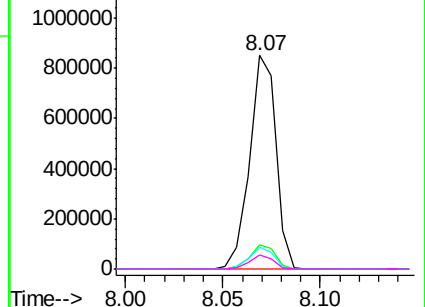


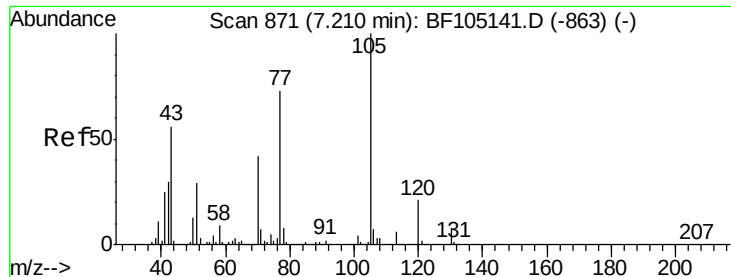
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

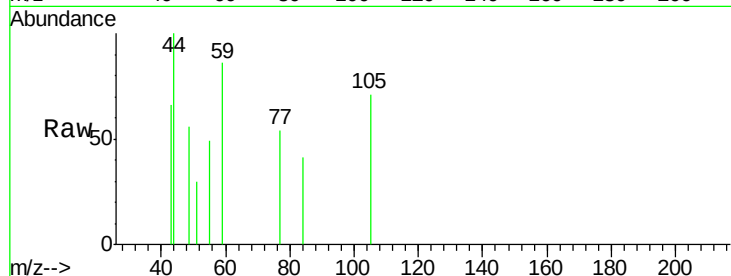




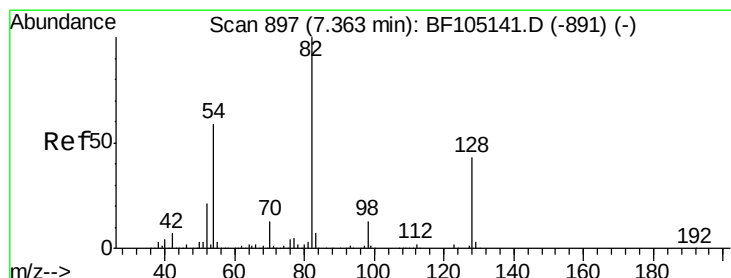
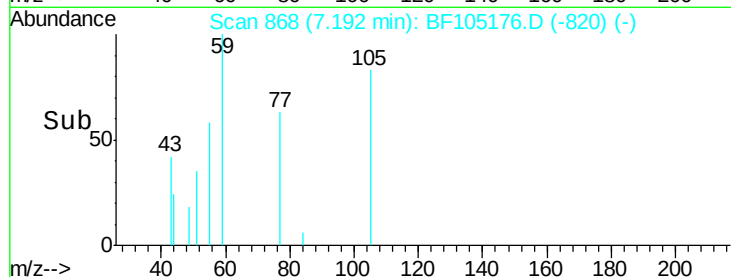
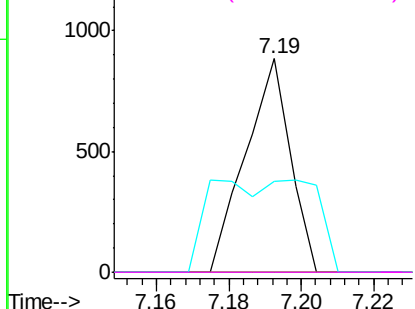
#22  
Acetophenone  
Concen: 0.041 ng  
RT: 7.19 min Scan# 868  
Delta R.T. -0.02 min  
Lab File: BF105176.D  
Acq: 9 May 2018 6:03

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:105 Resp: 757  
Ion Ratio Lower Upper  
105 100  
71 0.0 4.4 6.6#  
51 42.5 22.3 33.5#  
120 0.0 16.9 25.3#

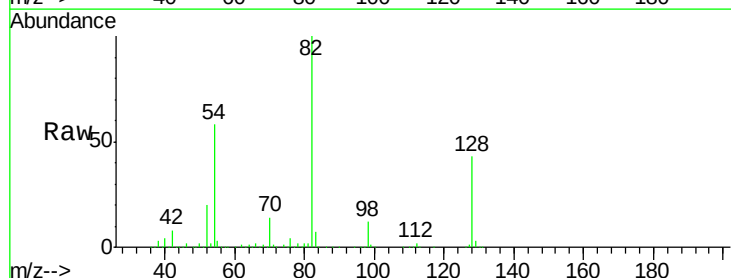


Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 120.00 (119.70 to 120.70): E

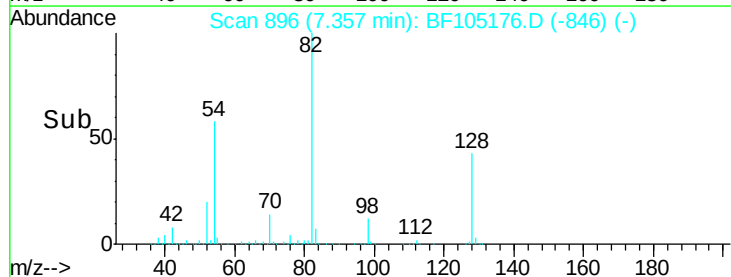
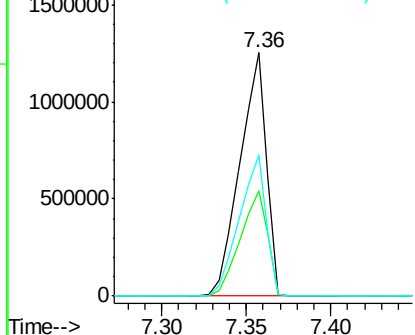


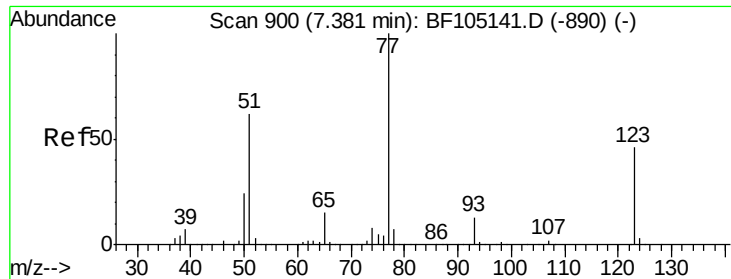
#23  
Nitrobenzene-d5  
Concen: 116.979 ng  
RT: 7.36 min Scan# 896  
Delta R.T. -0.01 min  
Lab File: BF105176.D  
Acq: 9 May 2018 6:03

Tgt Ion: 82 Resp: 1368879  
Ion Ratio Lower Upper  
82 100  
128 43.3 36.1 54.1  
54 58.2 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): E  
Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 0.326 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF105176.D

Acq: 9 May 2018 6:03

Instrument :

BNA\_F

ClientSampleId :

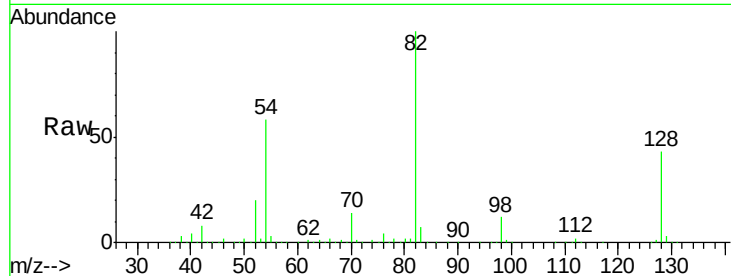
Tot Ion: 77 Resp: 4330

Ion Ratio Lower Upper

77 100

123 0.0 37.9 56.9#

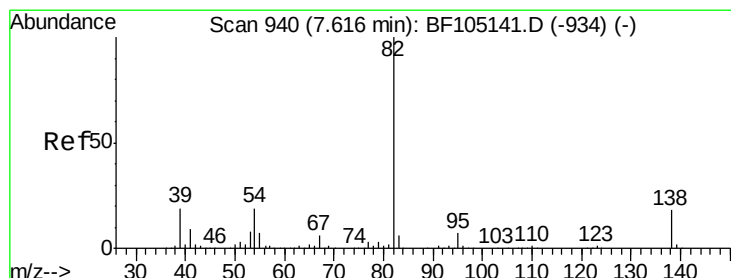
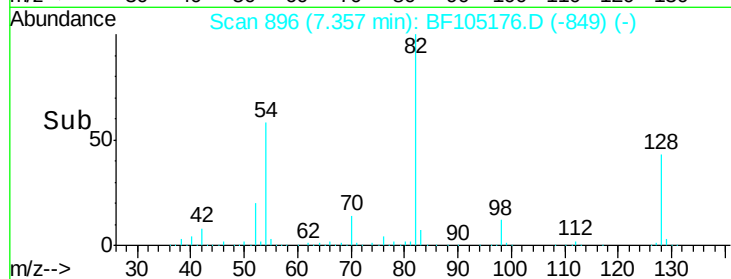
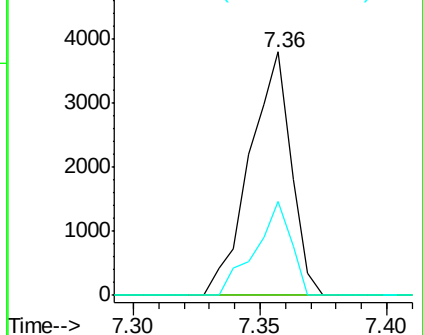
65 38.6 11.0 16.4#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#25

Isophorone

Concen: 52.306 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF105176.D

Acq: 9 May 2018 6:03

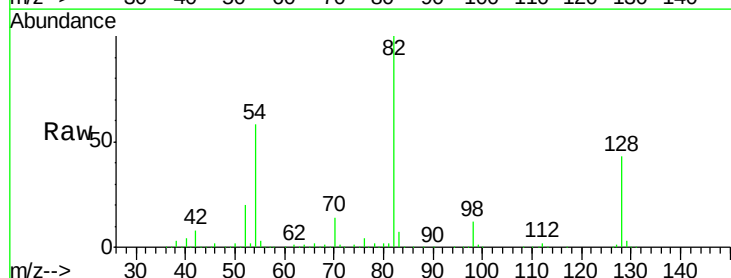
Tgt Ion: 82 Resp: 1368860

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

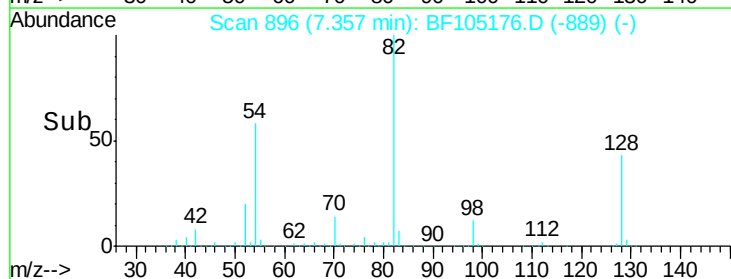
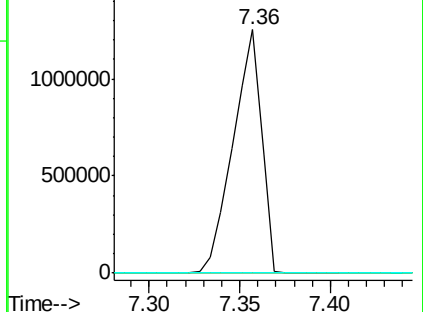
138 0.0 14.9 22.3#

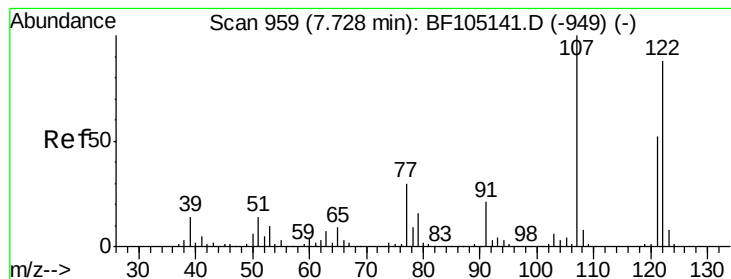


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#27

2,4-Dimethylphenol

Concen: 0.011 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF105176.D

Acq: 9 May 2018 6:03

Instrument :

BNA\_F

ClientSampleId :

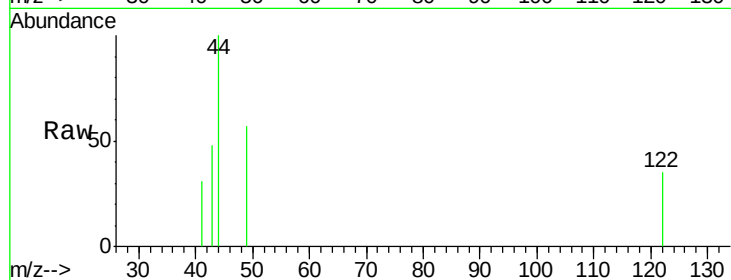
Tot Ion:122 Resp: 125

Ion Ratio Lower Upper

122 100

107 0.0 91.2 136.8#

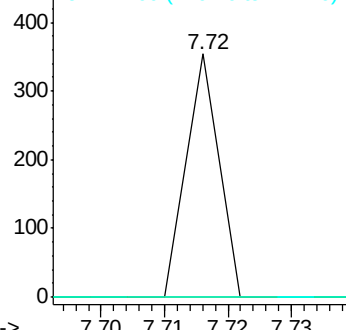
121 0.0 47.2 70.8#



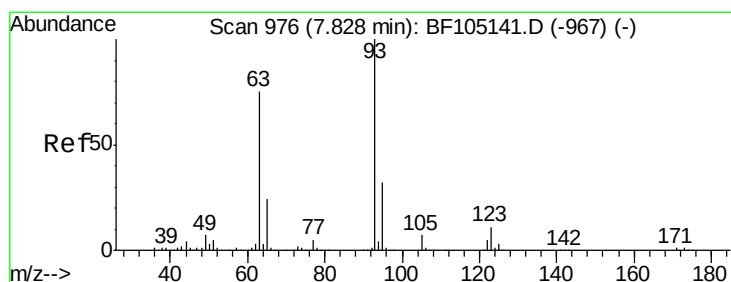
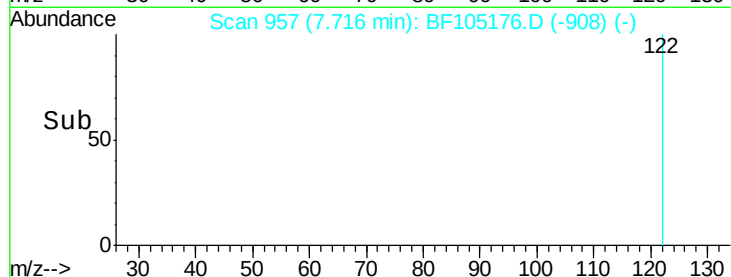
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 0.008 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.24 min

Lab File: BF105176.D

Acq: 9 May 2018 6:03

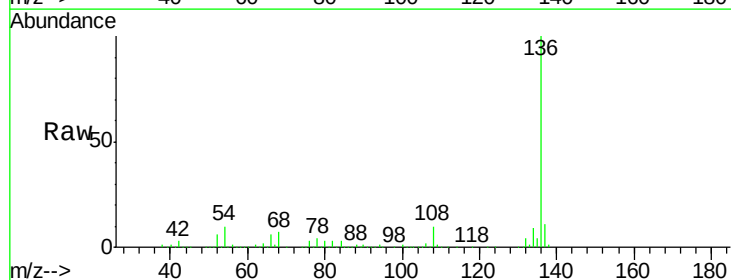
Tgt Ion: 93 Resp: 134

Ion Ratio Lower Upper

93 100

95 111.0 26.3 39.5#

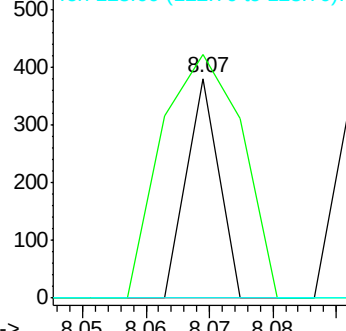
123 0.0 9.8 14.6#



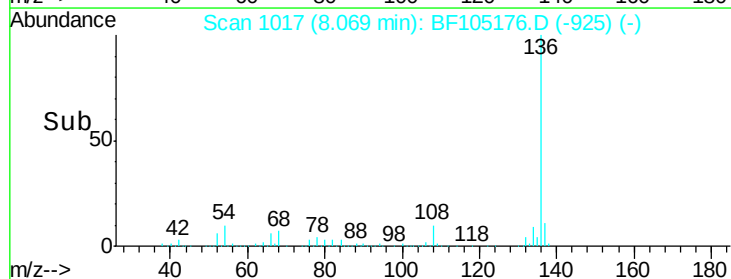
Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

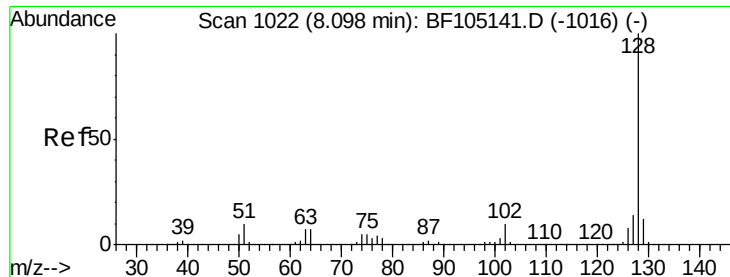
Ion 123.00 (122.70 to 123.70): E



Time-->



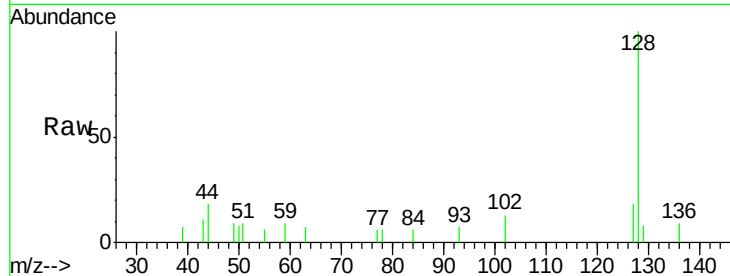




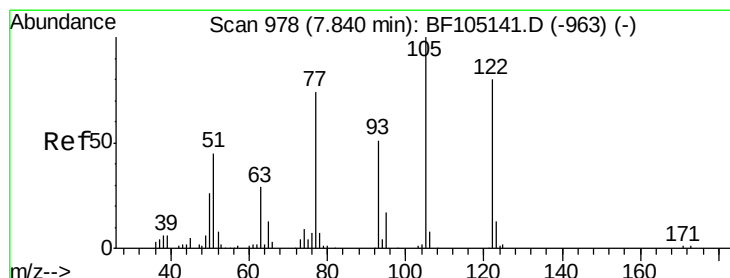
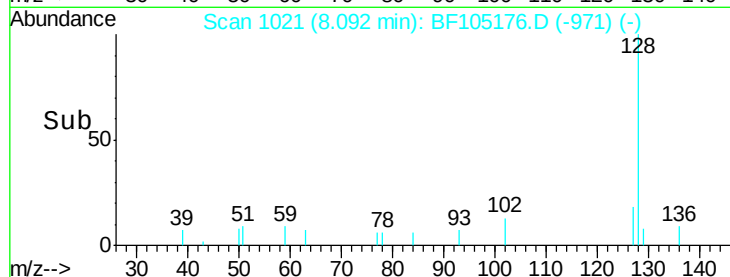
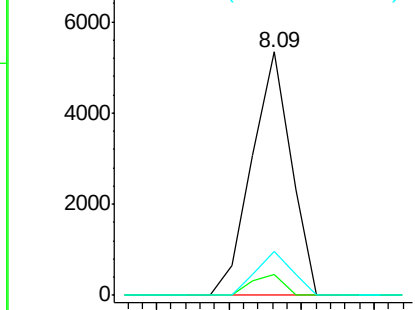
#31  
Naphthalene  
Concen: 0.105 ng  
RT: 8.09 min Scan# 1021  
Delta R.T. -0.01 min  
Lab File: BF105176.D  
Acq: 9 May 2018 6:03

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:128 Resp: 4011  
Ion Ratio Lower Upper  
128 100  
129 8.5 8.8 13.2#  
127 18.1 10.9 16.3#

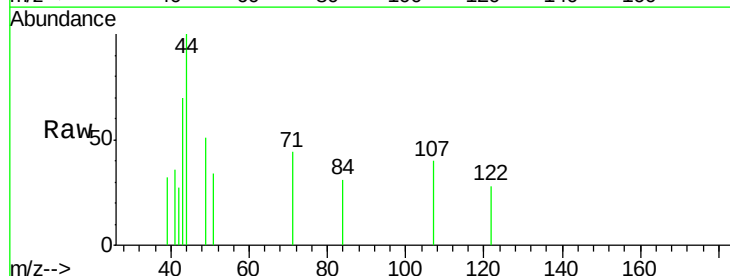


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

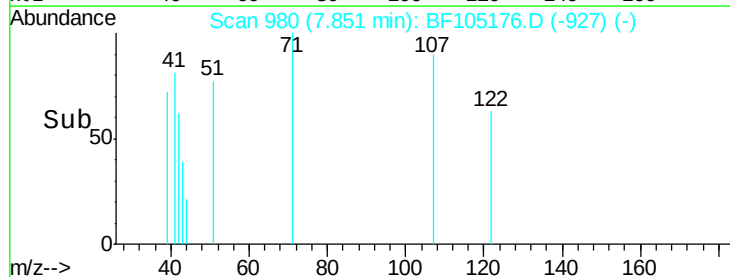
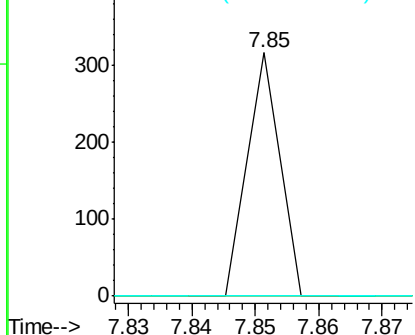


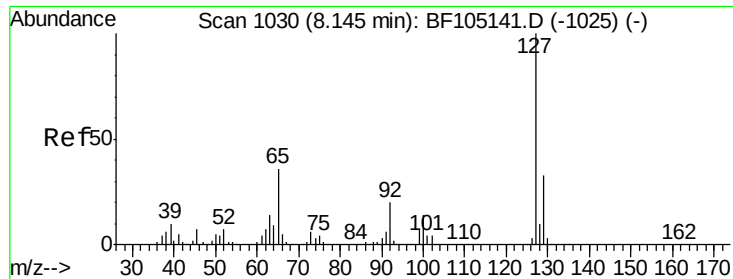
#32  
Benzoic acid  
Concen: 9.158 ng  
RT: 7.85 min Scan# 980  
Delta R.T. 0.01 min  
Lab File: BF105176.D  
Acq: 9 May 2018 6:03

Tgt Ion:122 Resp: 112  
Ion Ratio Lower Upper  
122 100  
105 0.0 101.1 141.1#  
77 0.0 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF1

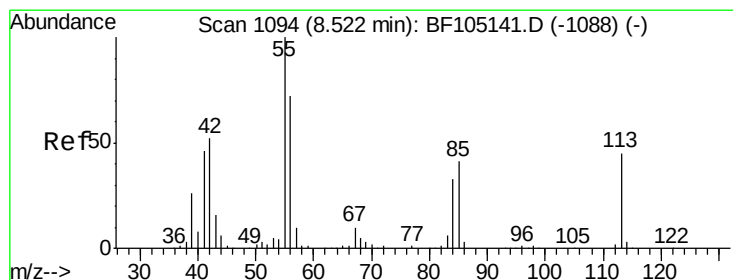
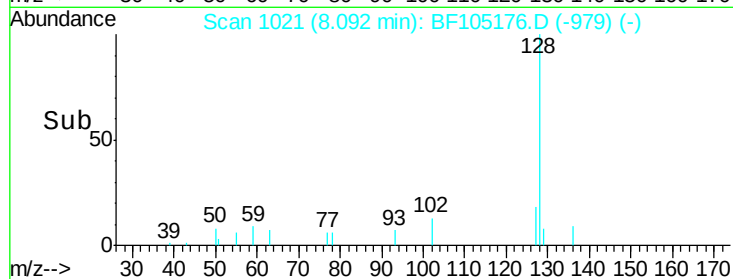
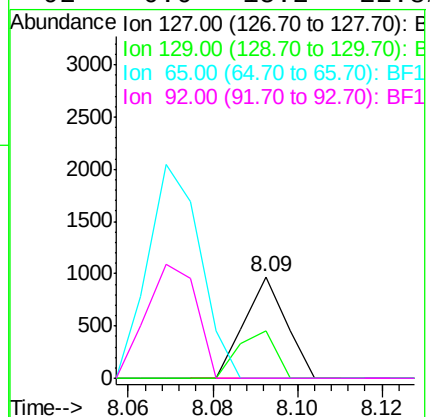
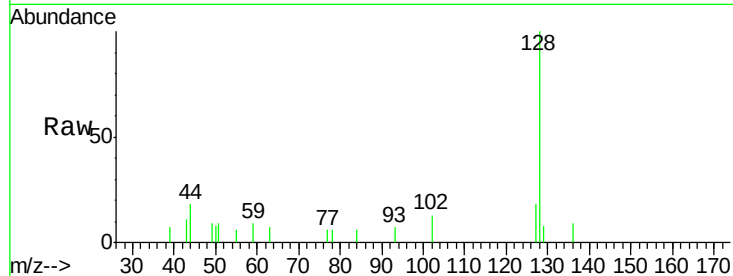




#33  
4-Chloroaniline  
Concen: 0.042 ng  
RT: 8.09 min Scan# 1021  
Delta R.T. -0.05 min  
Lab File: BF105176.D  
Acq: 9 May 2018 6:03

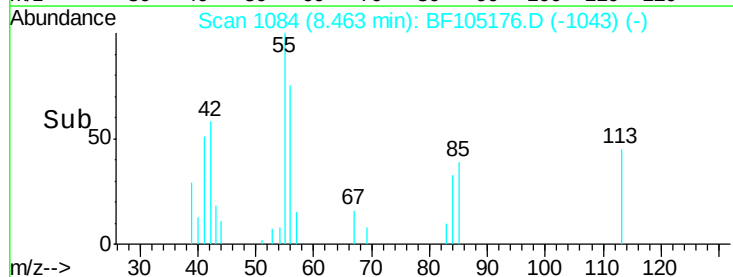
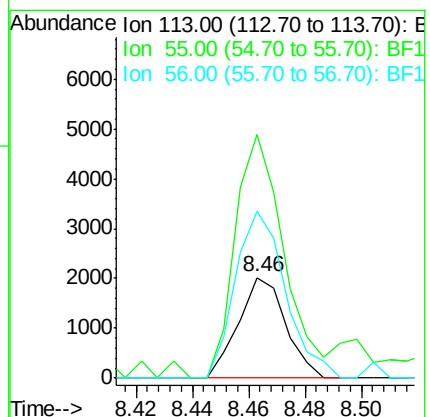
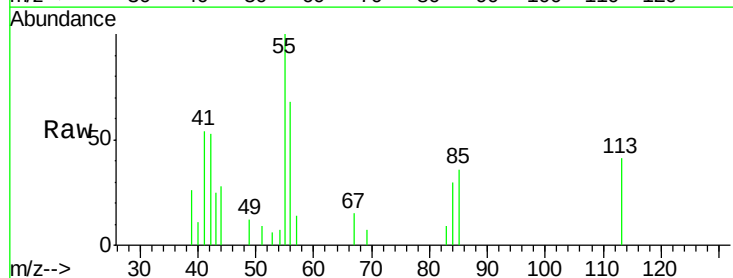
Instrument :  
BNA\_F  
ClientSampleId :

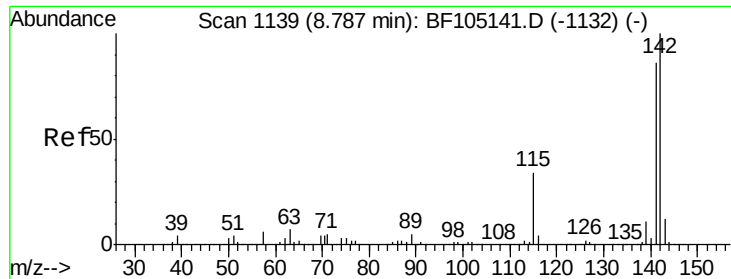
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 665   |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 46.7  | 25.9  | 38.9# |
| 65       | 0.0   | 25.0  | 37.4# |
| 92       | 0.0   | 15.2  | 22.8# |



#35  
Caprolactam  
Concen: 0.707 ng  
RT: 8.46 min Scan# 1084  
Delta R.T. -0.06 min  
Lab File: BF105176.D  
Acq: 9 May 2018 6:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 2335   |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 55       | 242.7 | 163.3 | 203.3# |
| 56       | 165.9 | 115.7 | 155.7# |

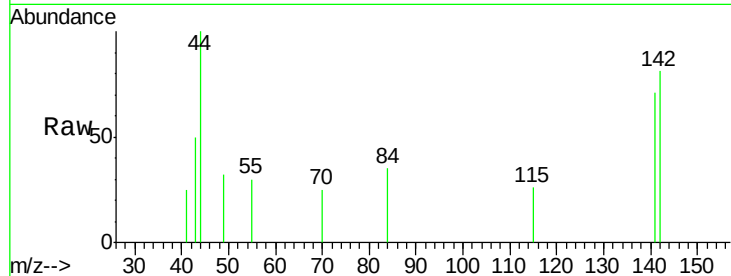




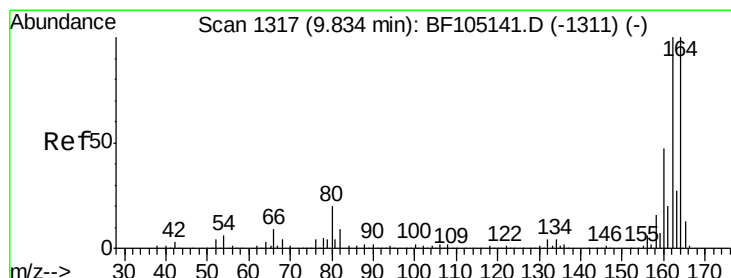
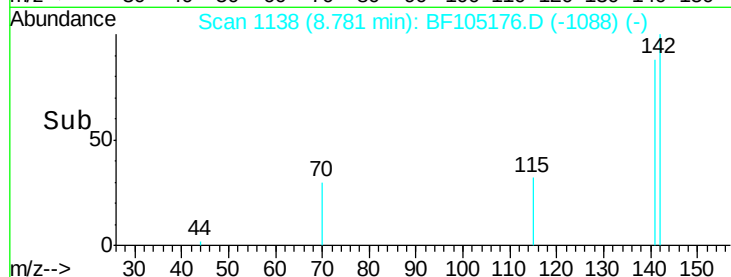
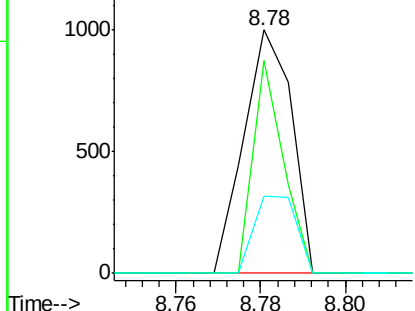
#37  
2-Methylnaphthalene  
Concen: 0.030 ng  
RT: 8.78 min Scan# 1138  
Delta R.T. -0.01 min  
Lab File: BF105176.D  
Acq: 9 May 2018 6:03

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:142 Resp: 786  
Ion Ratio Lower Upper  
142 100  
141 87.6 70.8 106.2  
115 31.8 26.1 39.1

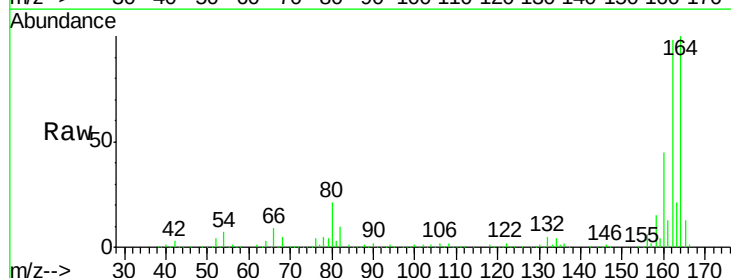


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

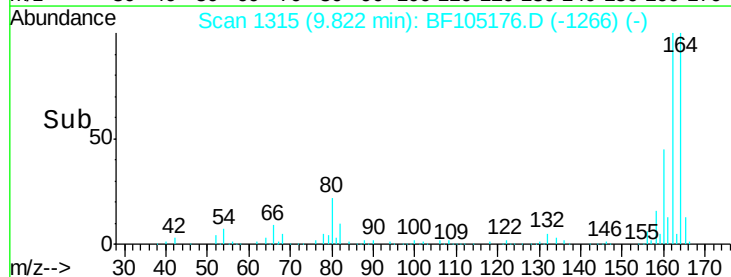
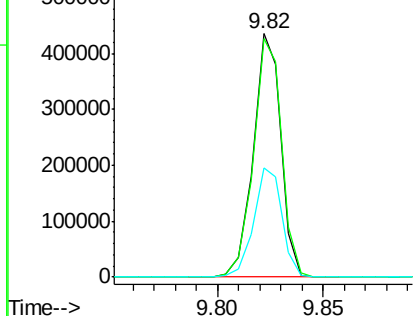


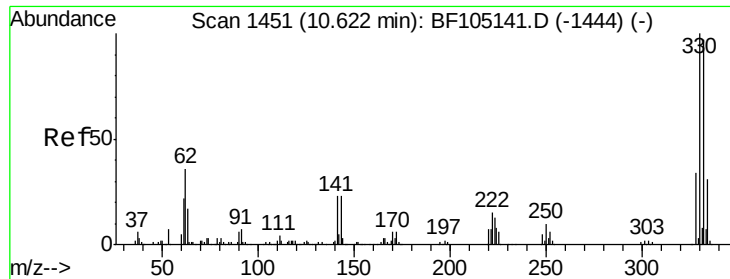
#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.82 min Scan# 1315  
Delta R.T. -0.01 min  
Lab File: BF105176.D  
Acq: 9 May 2018 6:03

Tgt Ion:164 Resp: 393827  
Ion Ratio Lower Upper  
164 100  
162 98.1 86.1 129.1  
160 44.6 38.3 57.5



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

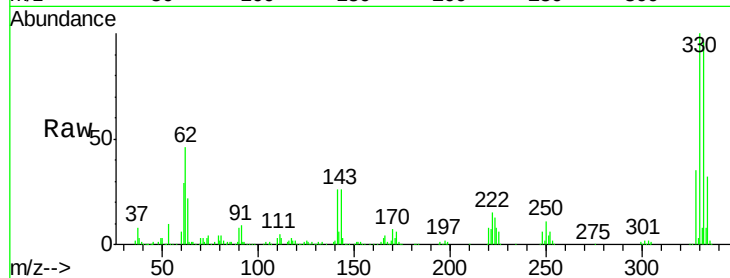




#41  
 2,4,6-Tribromophenol  
 Concen: 151.473 ng  
 RT: 10.62 min Scan# 1450  
 Delta R.T. -0.01 min  
 Lab File: BF105176.D  
 Acq: 9 May 2018 6:03

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.6  | 77.0  | 115.6 |
| 141     | 26.2  | 29.9  | 44.9# |

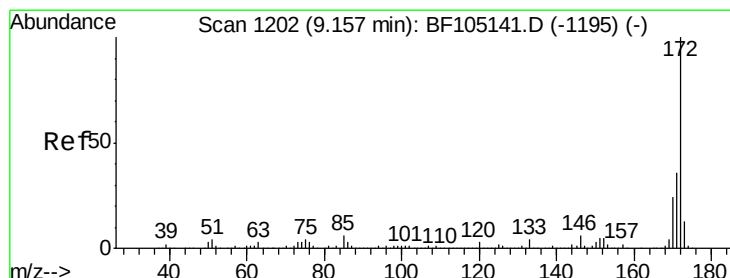
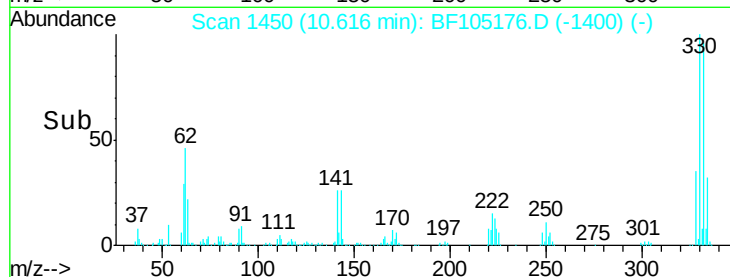
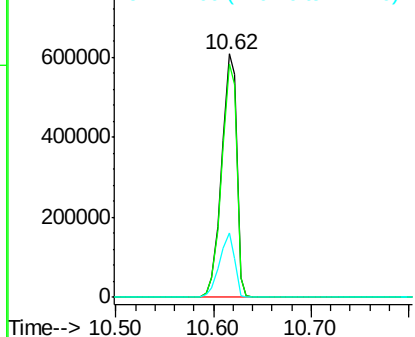


Abundance

Ion 329.80 (329.50 to 330.50): E

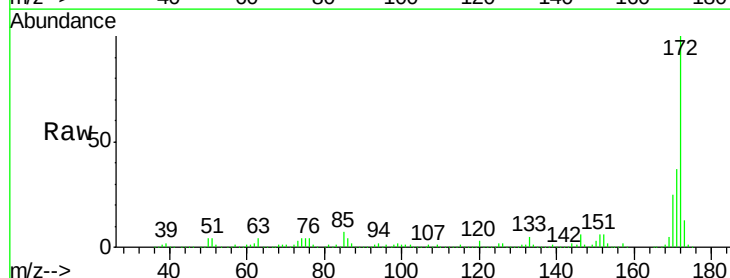
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 93.765 ng  
 RT: 9.15 min Scan# 1201  
 Delta R.T. -0.01 min  
 Lab File: BF105176.D  
 Acq: 9 May 2018 6:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.0  | 29.7  | 44.5  |
| 170     | 24.7  | 19.6  | 29.4  |

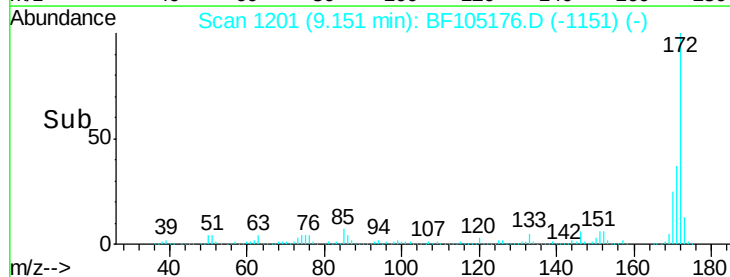
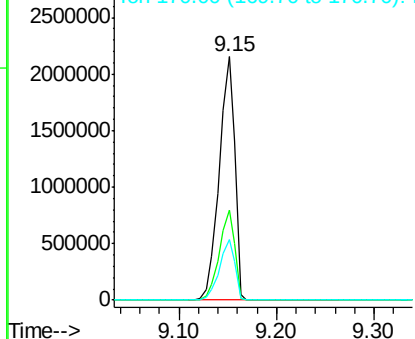


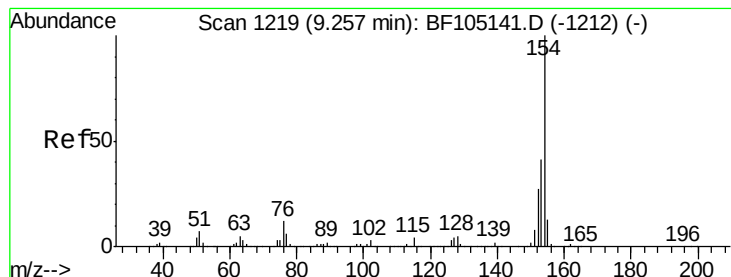
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 0.286 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF105176.D

Acq: 9 May 2018 6:03

Instrument :

BNA\_F

ClientSampleId :

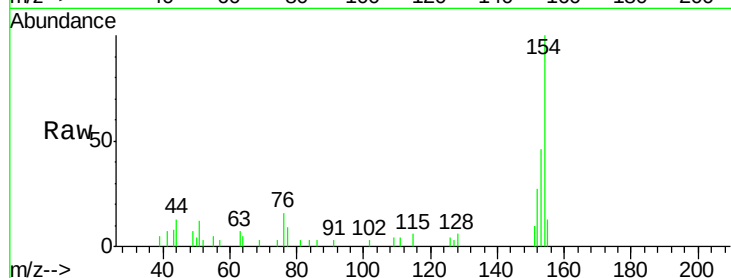
Tot Ion:154 Resp: 9173

Ion Ratio Lower Upper

154 100

153 46.0 21.3 61.3

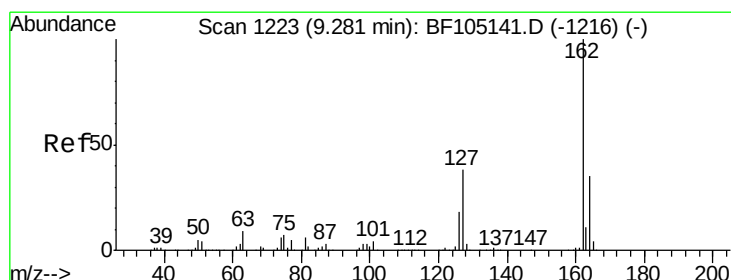
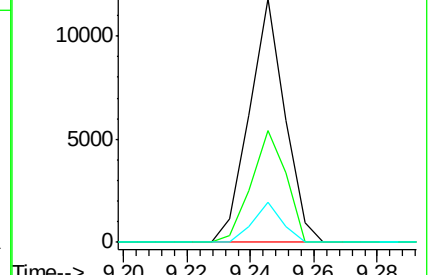
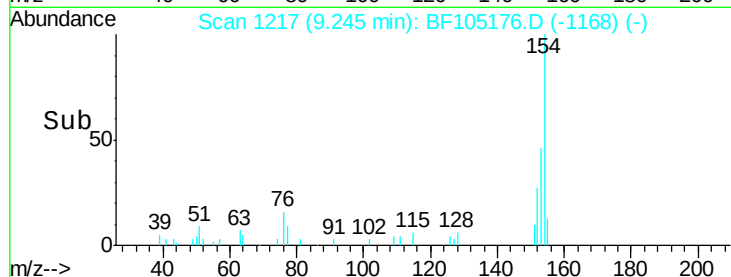
76 16.5 0.0 34.0



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): BF1



#46

2-Chloronaphthalene

Concen: 0.060 ng

RT: 9.54 min Scan# 1267

Delta R.T. 0.26 min

Lab File: BF105176.D

Acq: 9 May 2018 6:03

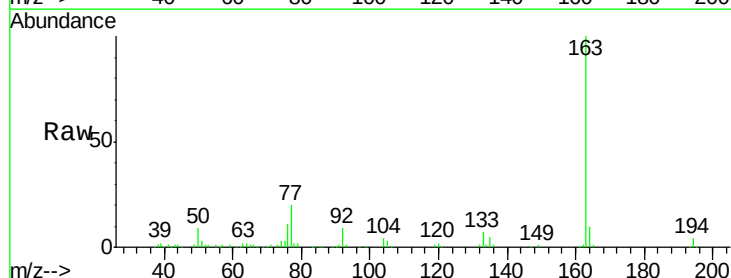
Tgt Ion:162 Resp: 1441

Ion Ratio Lower Upper

162 100

127 0.0 33.9 50.9#

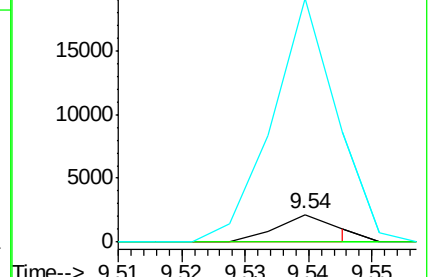
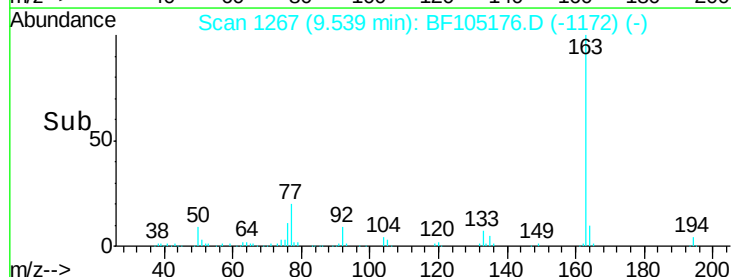
164 874.8 26.5 39.7#

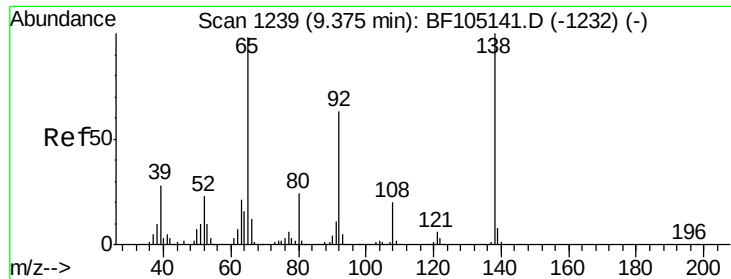


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

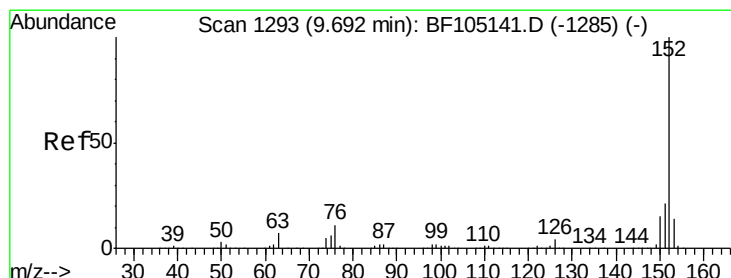
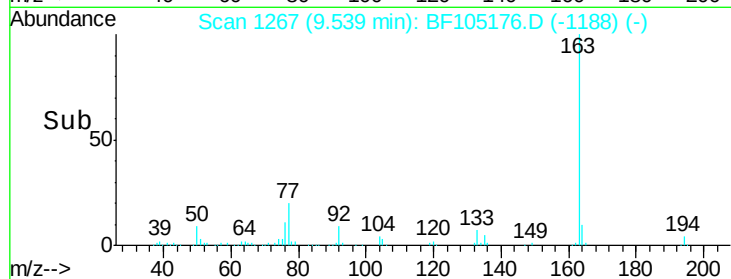
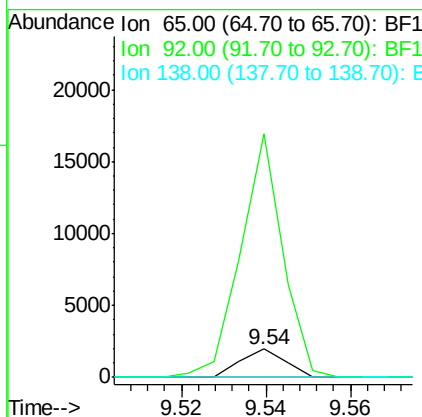
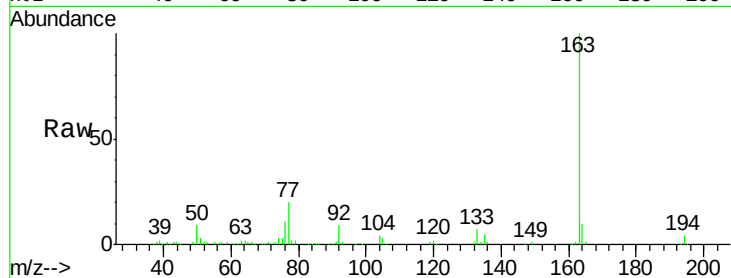




#47  
2-Nitroaniline  
Concen: 5.982 ng  
RT: 9.54 min Scan# 1267  
Delta R.T. 0.17 min  
Lab File: BF105176.D  
Acq: 9 May 2018 6:03

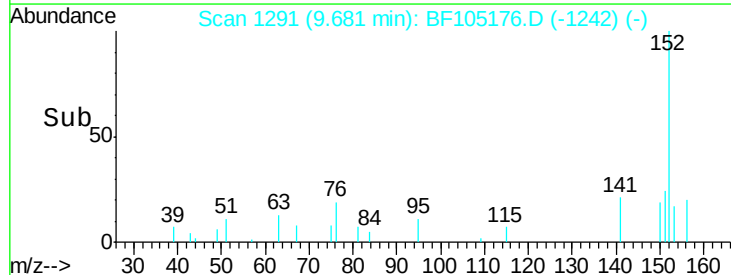
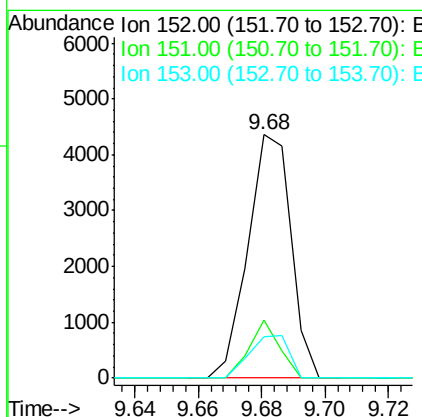
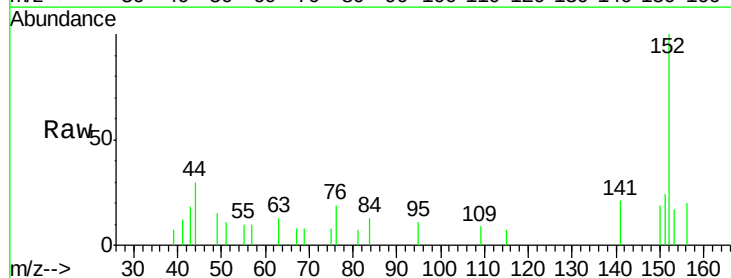
Instrument :  
BNA\_F  
ClientSampleId :

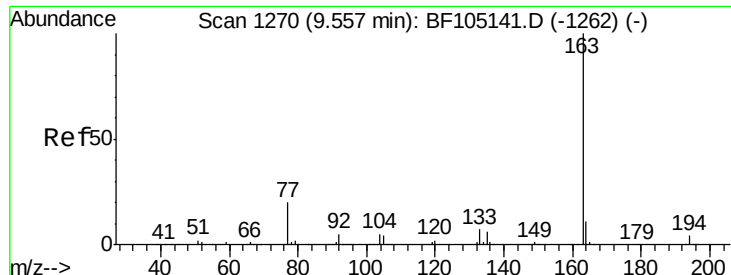
Tot Ion: 65 Resp: 1436  
Ion Ratio Lower Upper  
65 100  
92 854.9 55.8 83.6#  
138 0.0 91.2 136.8#



#48  
Acenaphthylene  
Concen: 0.111 ng  
RT: 9.68 min Scan# 1291  
Delta R.T. -0.01 min  
Lab File: BF105176.D  
Acq: 9 May 2018 6:03

Tgt Ion: 152 Resp: 4109  
Ion Ratio Lower Upper  
152 100  
151 23.6 16.3 24.5  
153 17.2 10.7 16.1#

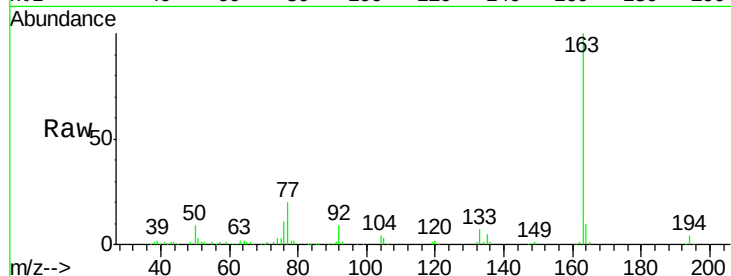




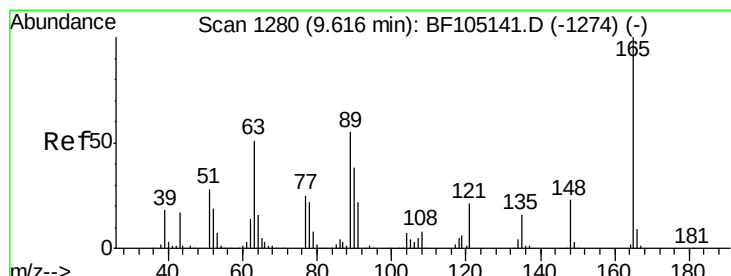
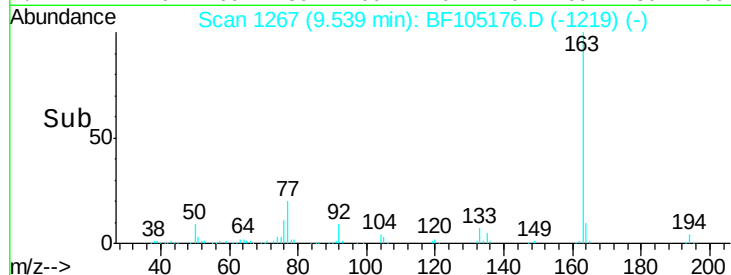
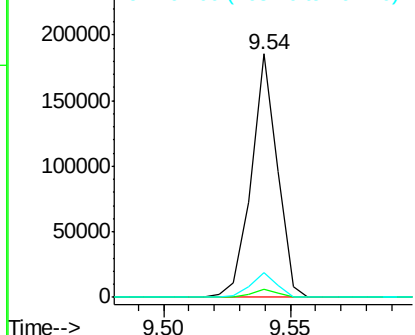
#49  
Dimethylphthalate  
Concen: 4.963 ng  
RT: 9.54 min Scan# 1267  
Delta R.T. -0.02 min  
Lab File: BF105176.D  
Acq: 9 May 2018 6:03

Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.5   | 2.7   | 4.1   |
| 164     | 10.3  | 8.2   | 12.2  |

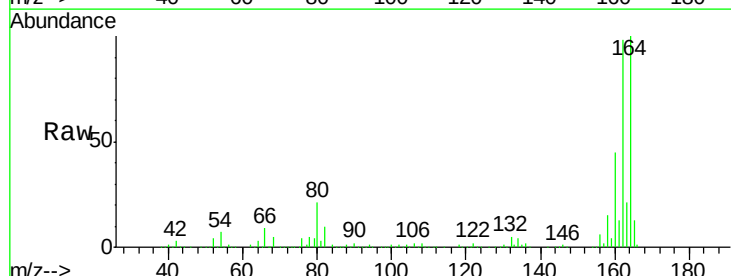


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

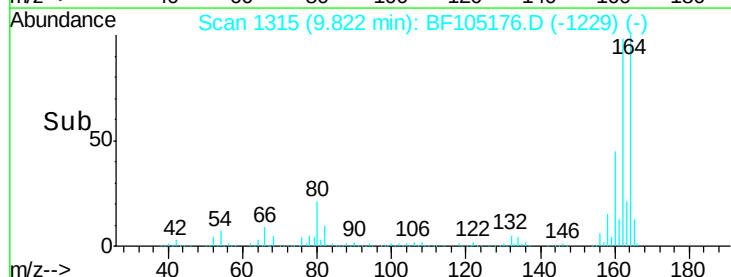
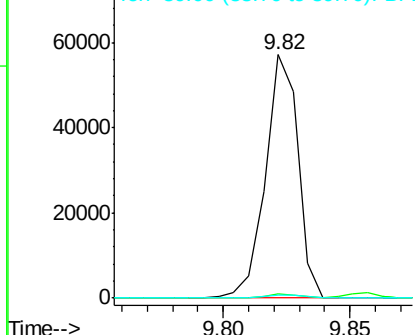


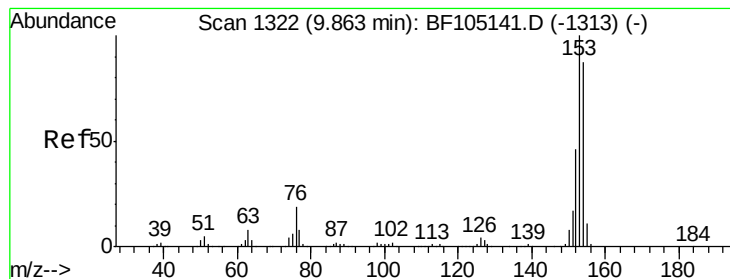
#50  
2,6-Dinitrotoluene  
Concen: 8.874 ng  
RT: 9.82 min Scan# 1315  
Delta R.T. 0.21 min  
Lab File: BF105176.D  
Acq: 9 May 2018 6:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 1.7   | 44.7  | 67.1# |
| 89      | 1.5   | 44.0  | 66.0# |



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 0.465 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF105176.D

Acq: 9 May 2018 6:03

Instrument :

BNA\_F

ClientSampleId :

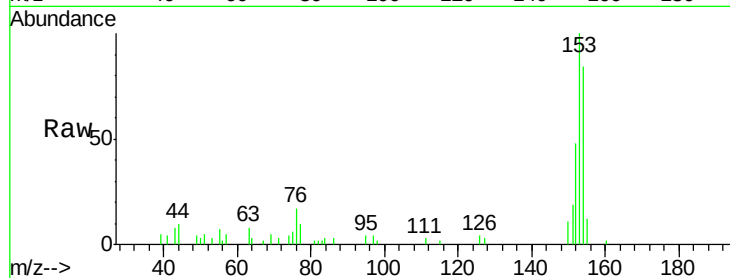
Tot Ion:154 Resp: 11109

Ion Ratio Lower Upper

154 100

153 118.7 91.2 136.8

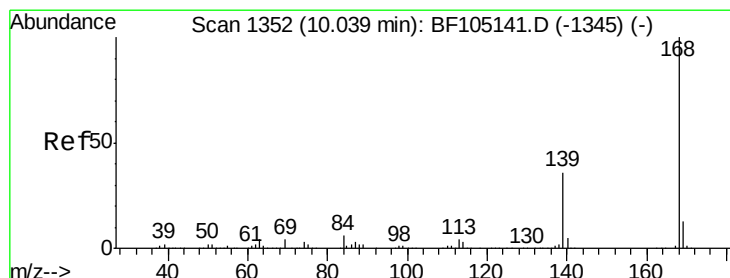
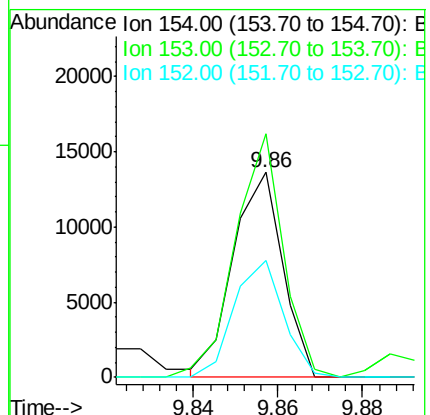
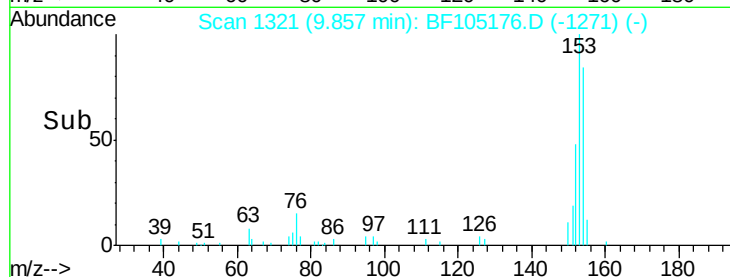
152 57.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 0.248 ng

RT: 10.03 min Scan# 1350

Delta R.T. -0.01 min

Lab File: BF105176.D

Acq: 9 May 2018 6:03

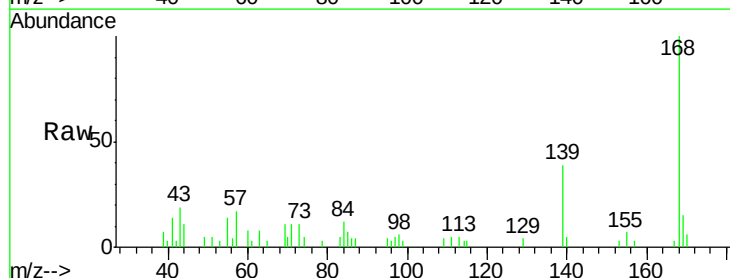
Tgt Ion:168 Resp: 8670

Ion Ratio Lower Upper

168 100

139 39.4 30.1 45.1

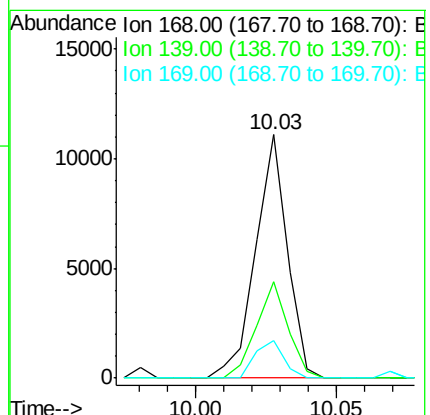
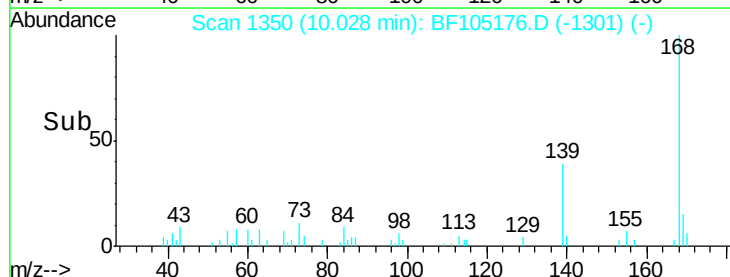
169 15.4 10.9 16.3



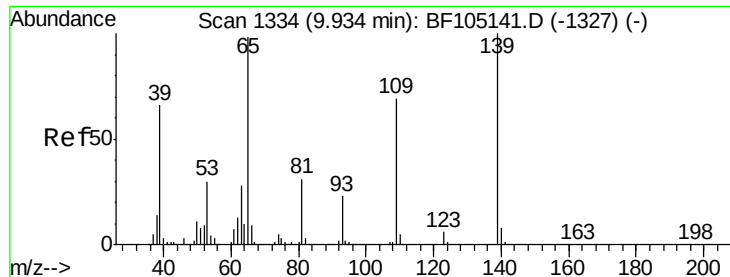
Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



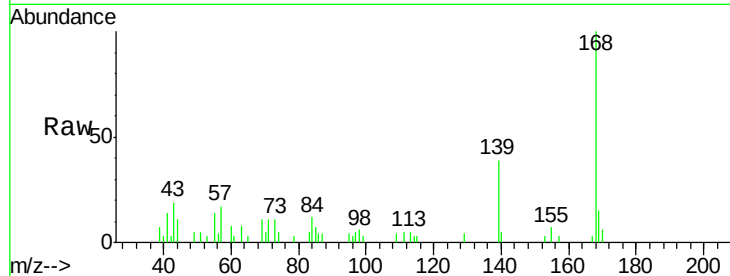




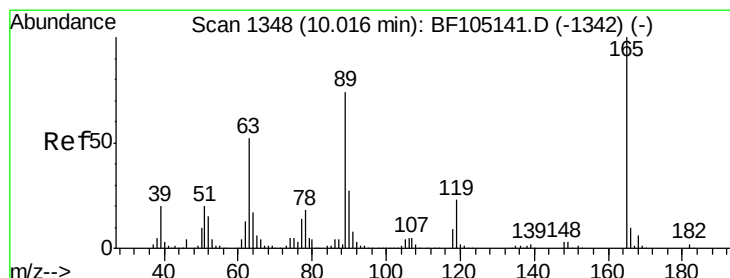
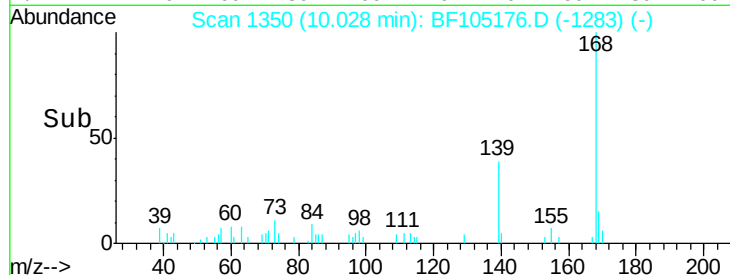
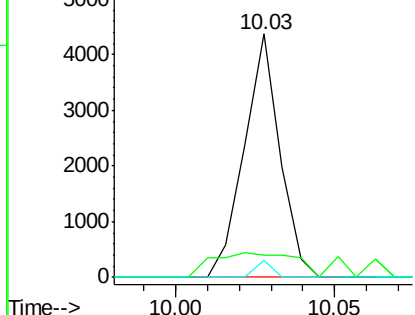
#55  
4-Nitrophenol  
Concen: 4.887 ng  
RT: 10.03 min Scan# 1350  
Delta R.T. 0.09 min  
Lab File: BF105176.D  
Acq: 9 May 2018 6:03

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 139     | 100   |       |        |
| 109     | 9.0   | 48.4  | 88.4#  |
| 65      | 6.9   | 72.6  | 112.6# |

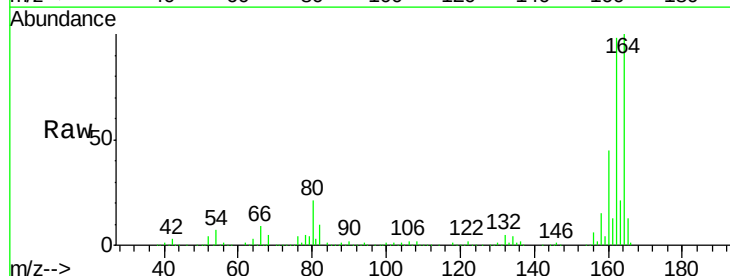


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF1

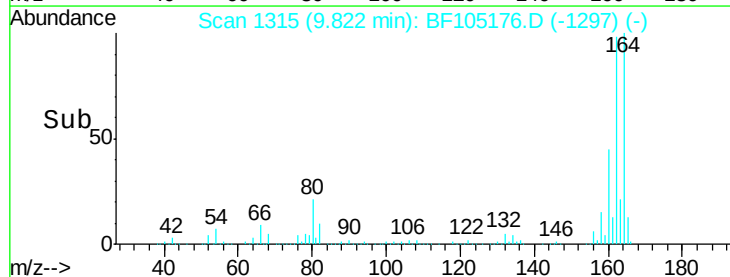
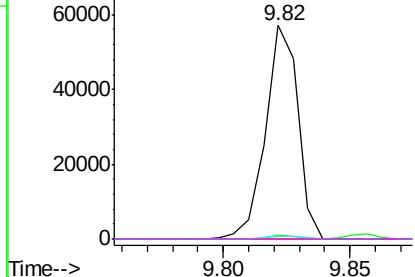


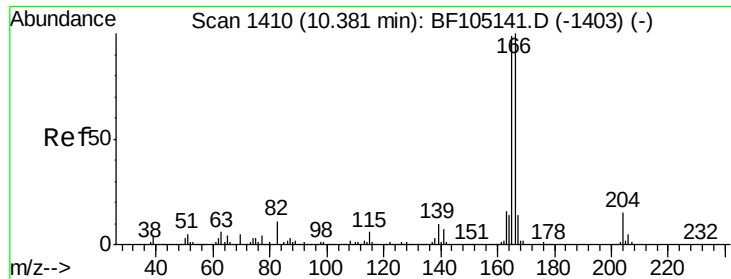
#56  
2,4-Dinitrotoluene  
Concen: 9.781 ng  
RT: 9.82 min Scan# 1315  
Delta R.T. -0.19 min  
Lab File: BF105176.D  
Acq: 9 May 2018 6:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 1.7   | 36.4  | 54.6# |
| 89      | 1.5   | 57.8  | 86.6# |
| 182     | 0.0   | 1.6   | 2.4#  |



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1  
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 0.349 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF105176.D

Acq: 9 May 2018 6:03

Instrument :

BNA\_F

ClientSampleId :

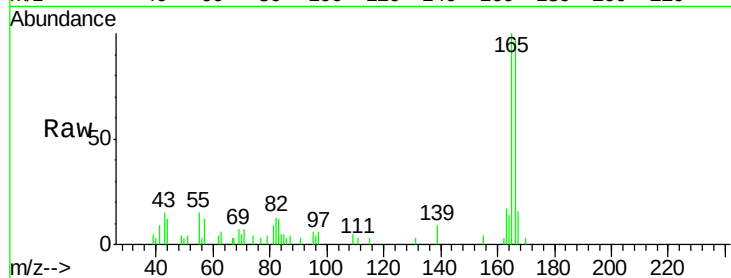
Tot Ion:166 Resp: 8943

Ion Ratio Lower Upper

166 100

165 103.5 79.8 119.8

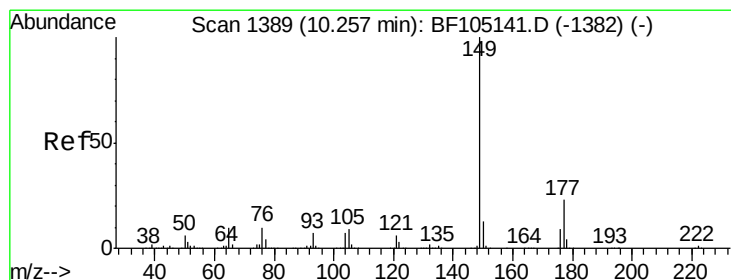
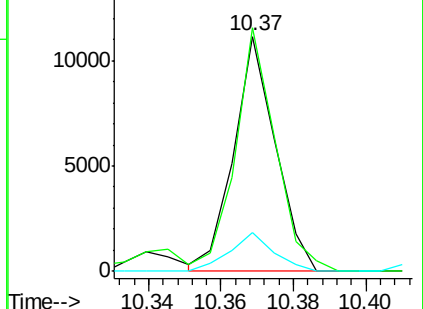
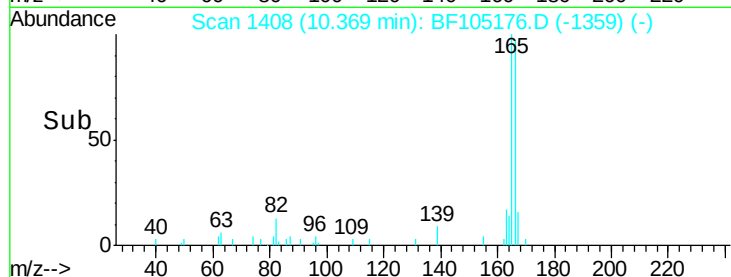
167 16.5 10.6 16.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

Diethylphthalate

Concen: 0.103 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF105176.D

Acq: 9 May 2018 6:03

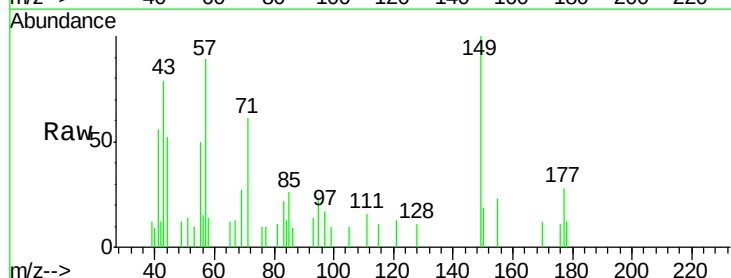
Tgt Ion:149 Resp: 2707

Ion Ratio Lower Upper

149 100

177 27.9 16.1 24.1#

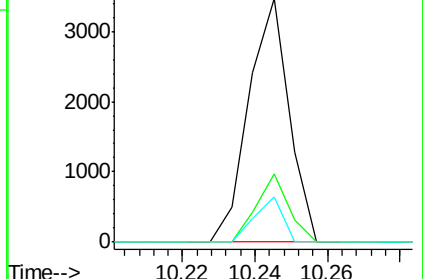
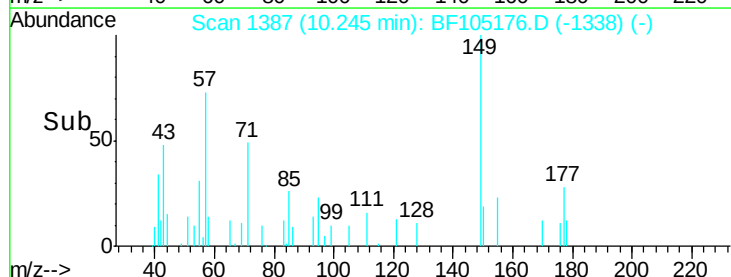
150 18.6 10.1 15.1#

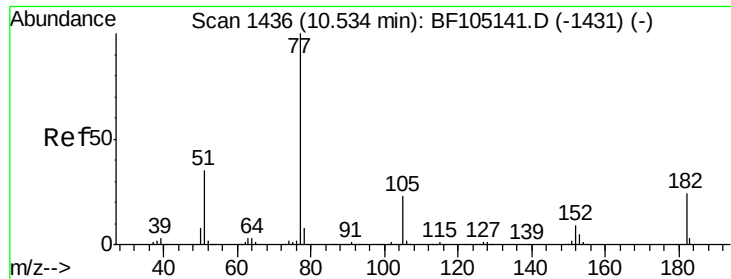


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 0.036 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF105176.D

Acq: 9 May 2018 6:03

Instrument :

BNA\_F

ClientSampled :

Tot Ion: 77 Resp: 985

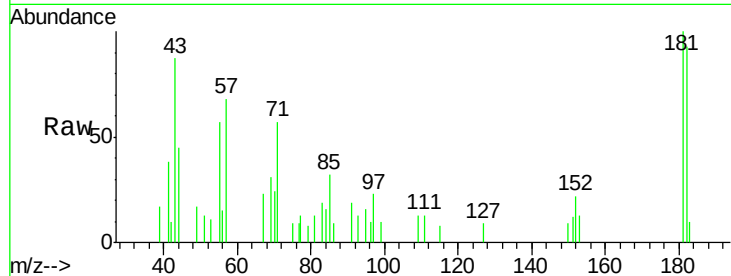
Ion Ratio Lower Upper

77 100

182 432.7 1.7 41.7#

105 0.0 3.0 43.0#

51 61.2 9.9 49.9#



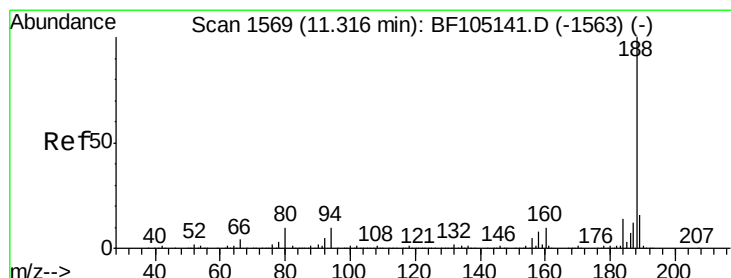
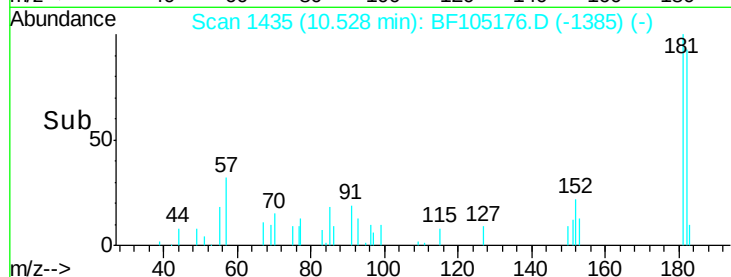
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF105176.D

Acq: 9 May 2018 6:03

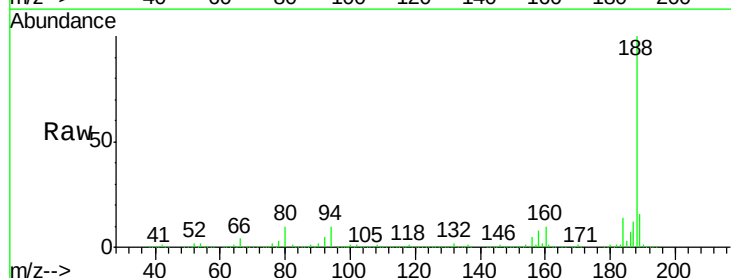
Tgt Ion: 188 Resp: 755236

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

80 10.5 9.2 13.8

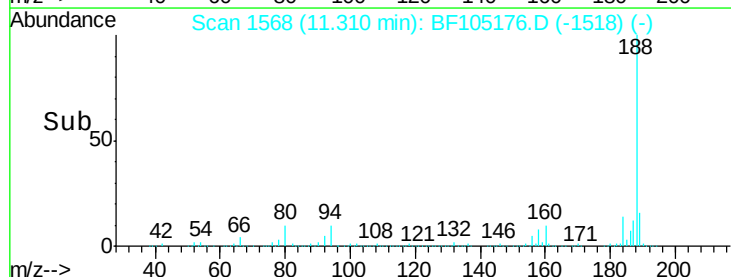


Abundance Ion 188.00 (187.70 to 188.70): E

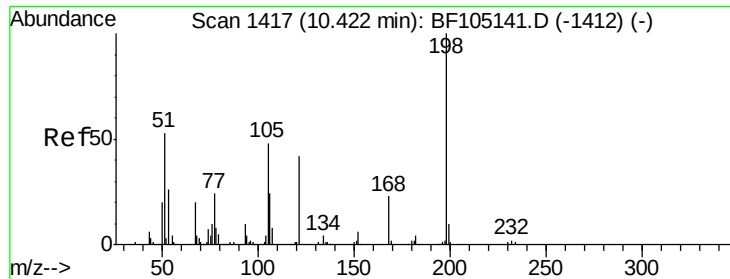
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



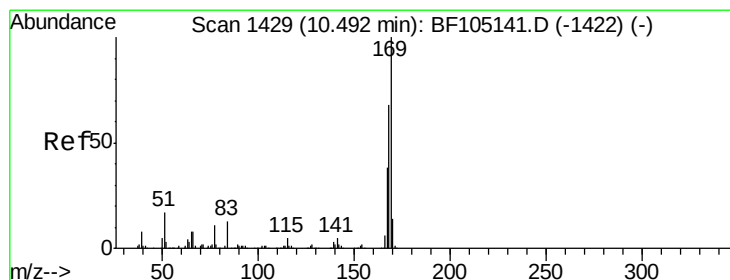
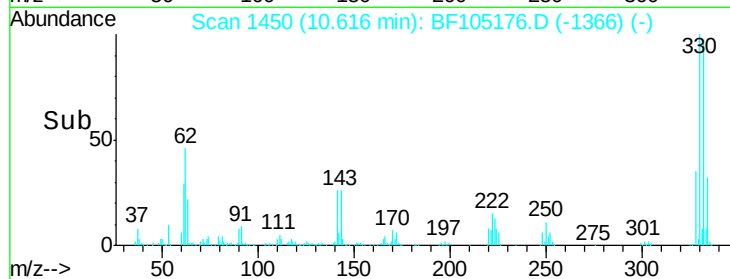
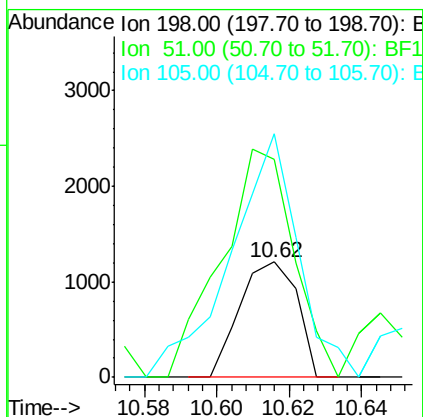
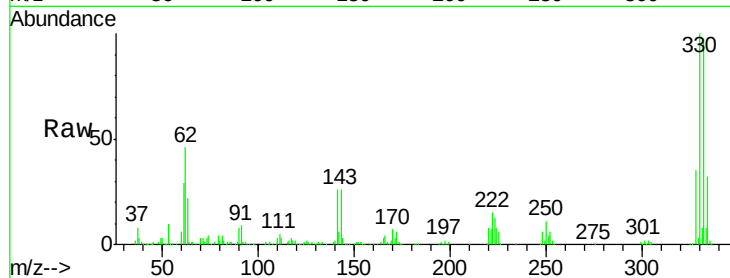
Time-->



#64  
4,6-Dinitro-2-methylphenol  
Concen: 9.256 ng  
RT: 10.62 min Scan# 1450  
Delta R.T. 0.19 min  
Lab File: BF105176.D  
Acq: 9 May 2018 6:03

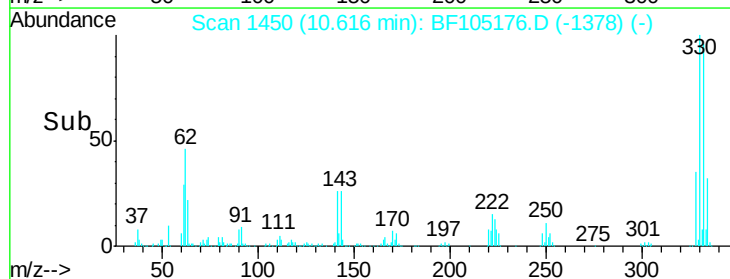
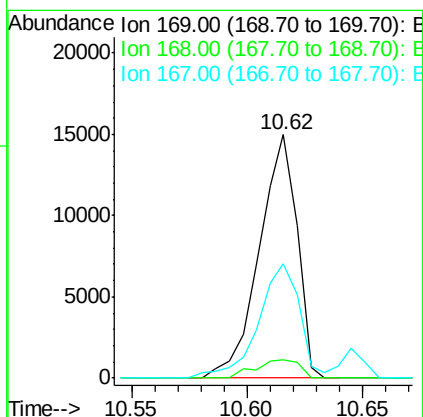
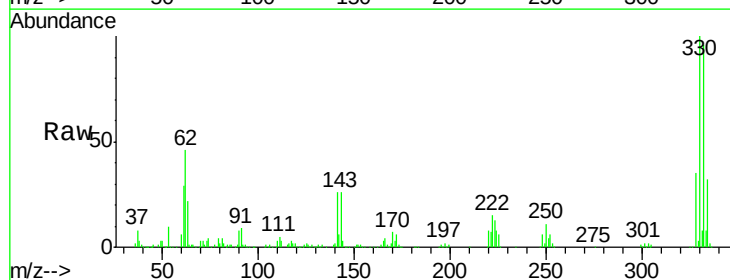
Instrument :  
BNA\_F  
ClientSampleId :

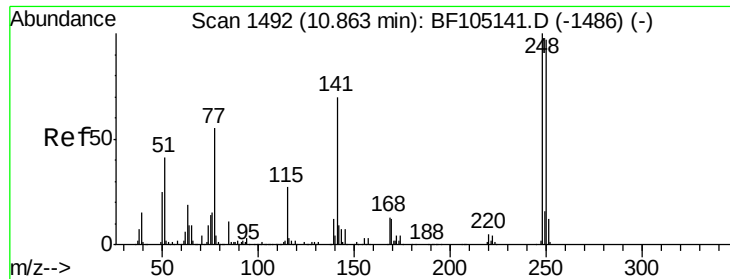
Tot Ion:198 Resp: 1323  
Ion Ratio Lower Upper  
198 100  
51 189.7 37.7 77.7#  
105 211.4 36.3 76.3#



#65  
n-Nitrosodiphenylamine  
Concen: 0.723 ng  
RT: 10.62 min Scan# 1450  
Delta R.T. 0.12 min  
Lab File: BF105176.D  
Acq: 9 May 2018 6:03

Tgt Ion:169 Resp: 17031  
Ion Ratio Lower Upper  
169 100  
168 7.5 54.4 81.6#  
167 46.9 29.8 44.6#

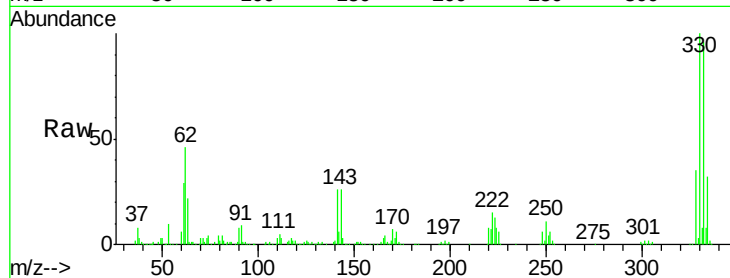




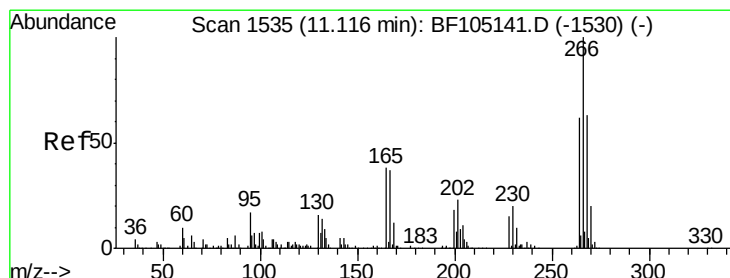
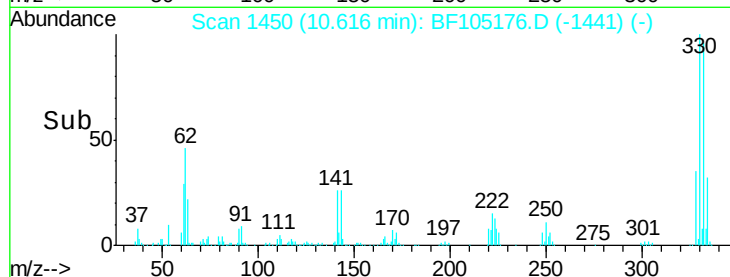
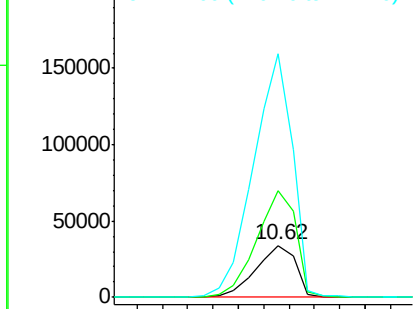
#66  
4-Bromophenyl-phenylether  
Concen: 4.608 ng  
RT: 10.62 min Scan# 1450  
Delta R.T. -0.25 min  
Lab File: BF105176.D  
Acq: 9 May 2018 6:03

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:248 Resp: 37115  
Ion Ratio Lower Upper  
248 100  
250 204.4 76.9 115.3#  
141 467.3 74.4 111.6#

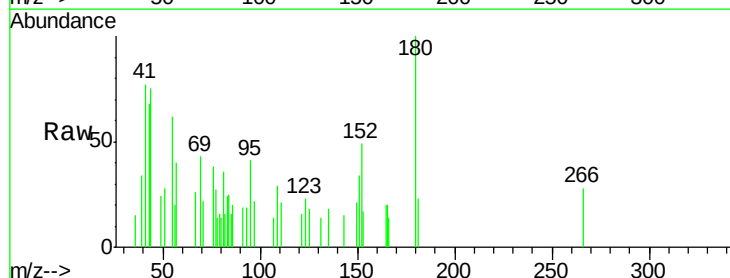


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

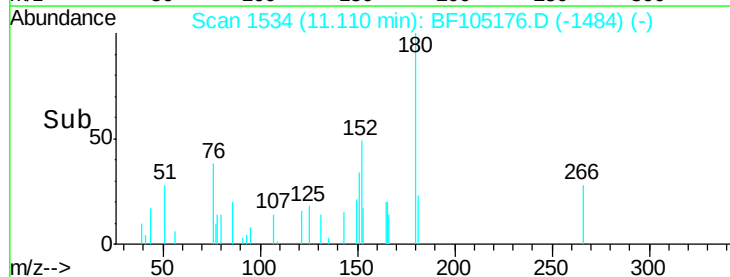
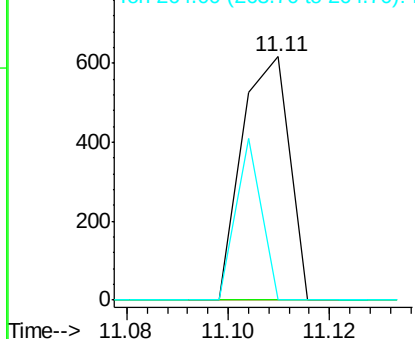


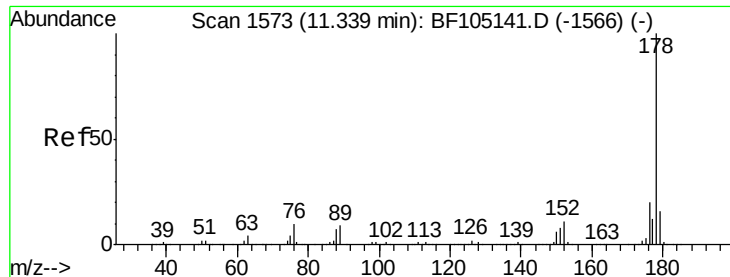
#69  
Pentachlorophenol  
Concen: 3.297 ng  
RT: 11.11 min Scan# 1534  
Delta R.T. -0.01 min  
Lab File: BF105176.D  
Acq: 9 May 2018 6:03

Tgt Ion:266 Resp: 404  
Ion Ratio Lower Upper  
266 100  
268 0.0 51.1 76.7#  
264 0.0 49.5 74.3#



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

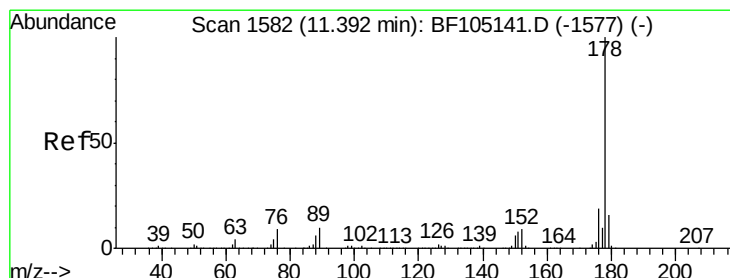
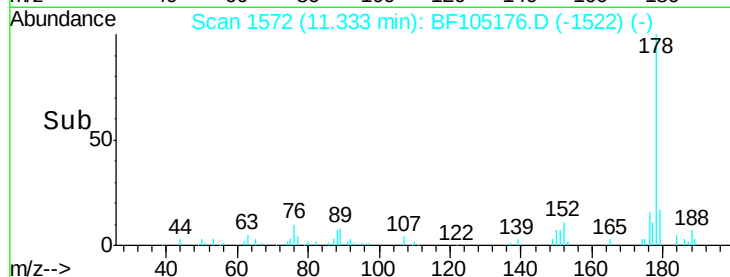
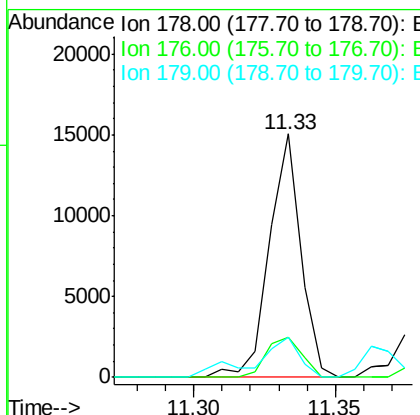
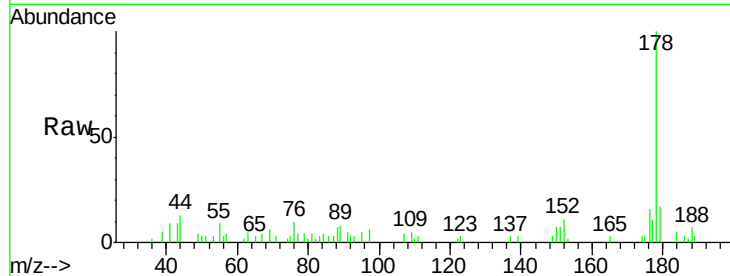




#70  
 Phenanthrene  
 Concen: 0.294 ng  
 RT: 11.33 min Scan# 1572  
 Delta R.T. -0.01 min  
 Lab File: BF105176.D  
 Acq: 9 May 2018 6:03

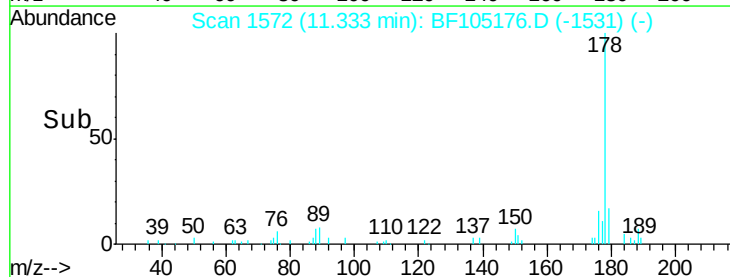
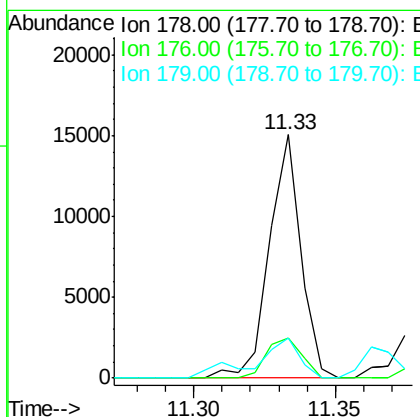
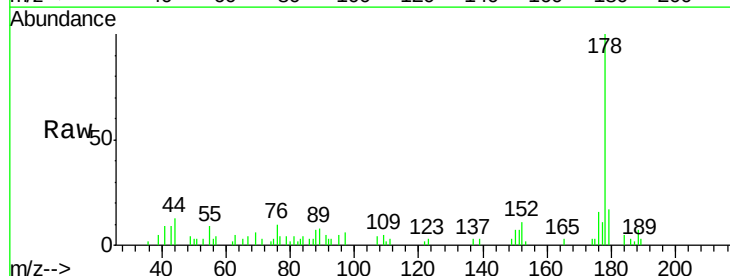
Instrument :  
 BNA\_F  
 ClientSampleId :

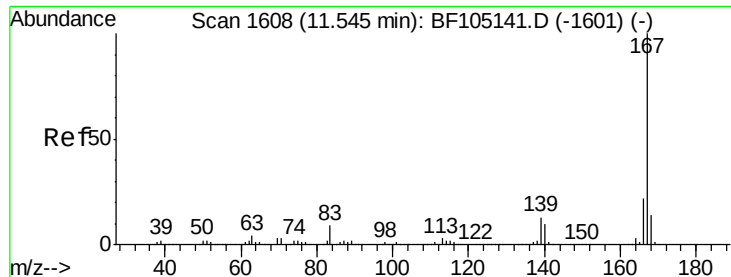
Tot Ion:178 Resp: 11710  
 Ion Ratio Lower Upper  
 178 100  
 176 16.4 15.8 23.8  
 179 16.6 13.0 19.6



#71  
 Anthracene  
 Concen: 0.289 ng  
 RT: 11.33 min Scan# 1572  
 Delta R.T. -0.06 min  
 Lab File: BF105176.D  
 Acq: 9 May 2018 6:03

Tgt Ion:178 Resp: 11710  
 Ion Ratio Lower Upper  
 178 100  
 176 16.4 15.4 23.2  
 179 16.6 12.6 19.0





#72

Carbazole

Concen: 0.159 ng

RT: 11.54 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BF105176.D

Acq: 9 May 2018 6:03

Instrument :

BNA\_F

ClientSampleId :

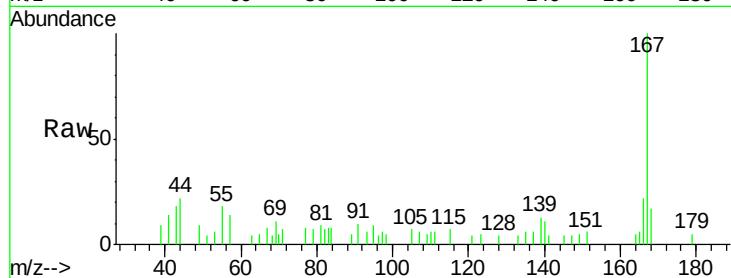
Tot Ion:167 Resp: 5800

Ion Ratio Lower Upper

167 100

166 21.5 17.6 26.4

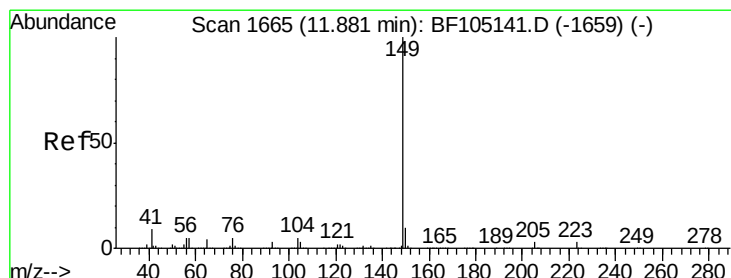
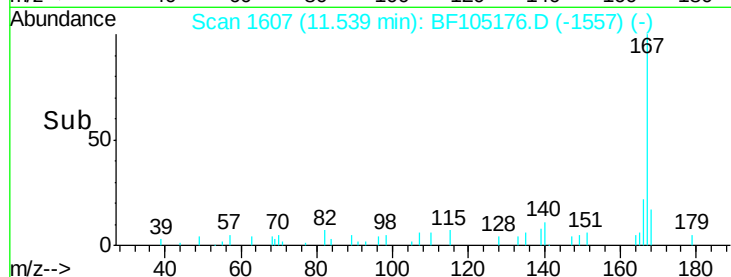
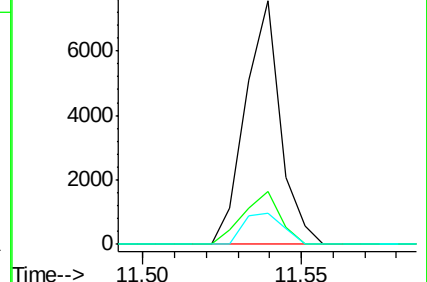
139 12.6 10.9 16.3



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



#73

Di-n-butylphthalate

Concen: 0.060 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BF105176.D

Acq: 9 May 2018 6:03

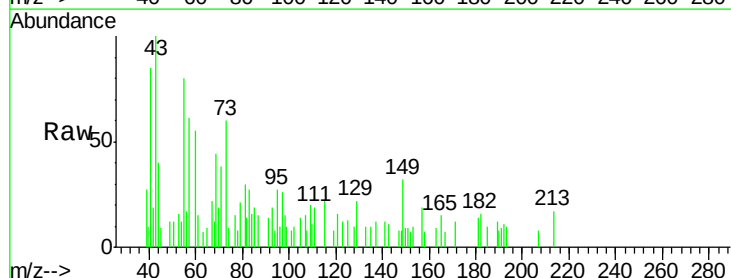
Tgt Ion:149 Resp: 2357

Ion Ratio Lower Upper

149 100

150 27.5 7.8 11.6#

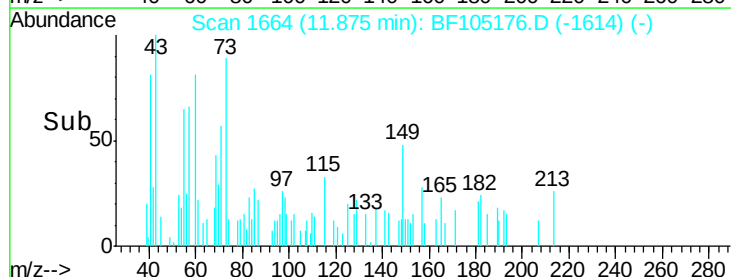
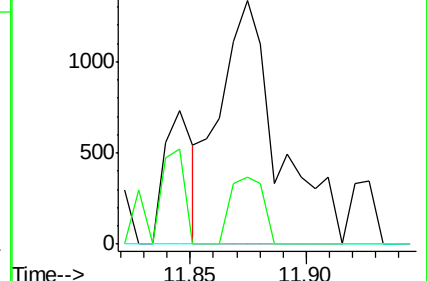
104 0.0 3.8 5.8#

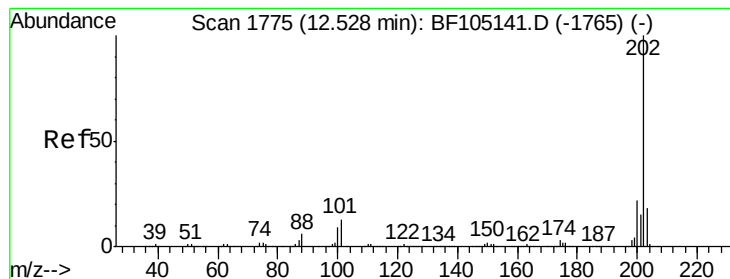


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 0.617 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF105176.D

Acq: 9 May 2018 6:03

Instrument :

BNA\_F

ClientSampleId :

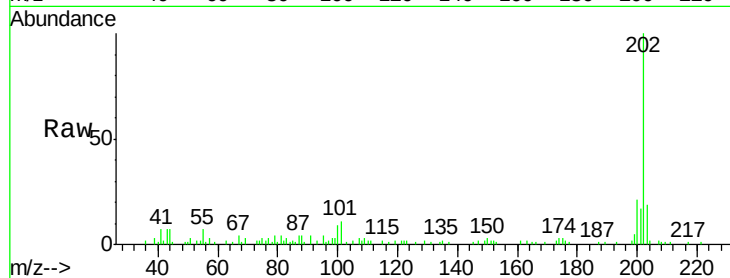
Tot Ion:202 Resp: 25617

Ion Ratio Lower Upper

202 100

101 11.4 0.0 34.1

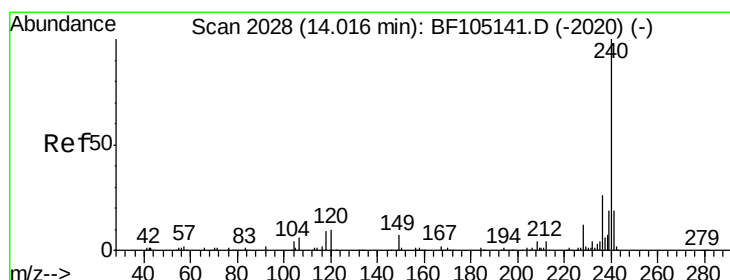
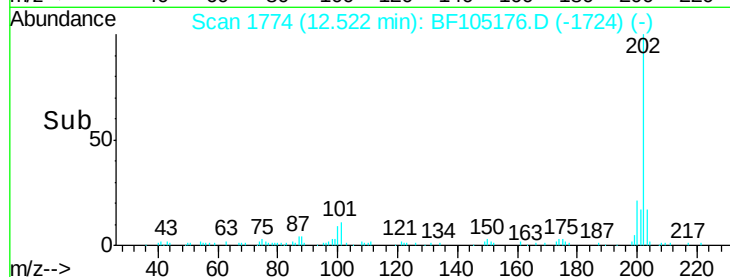
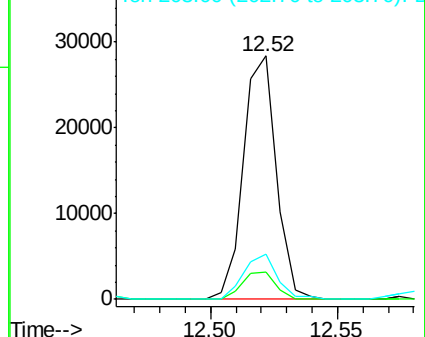
203 18.7 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF105176.D

Acq: 9 May 2018 6:03

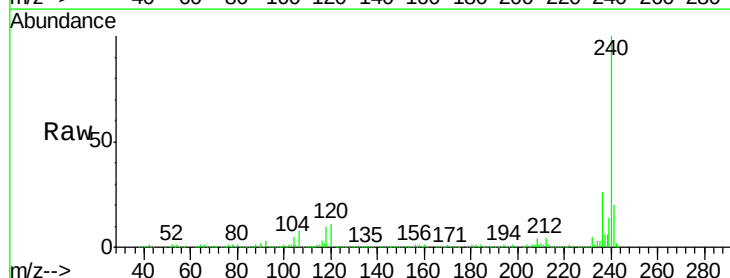
Tgt Ion:240 Resp: 656915

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

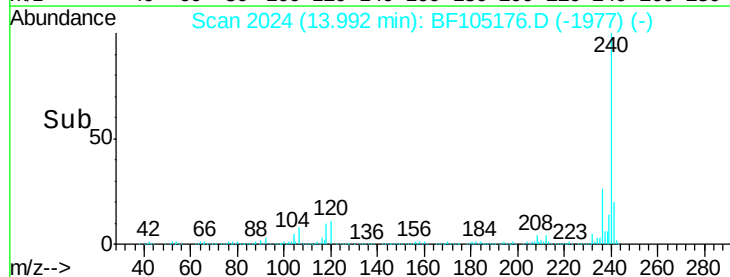
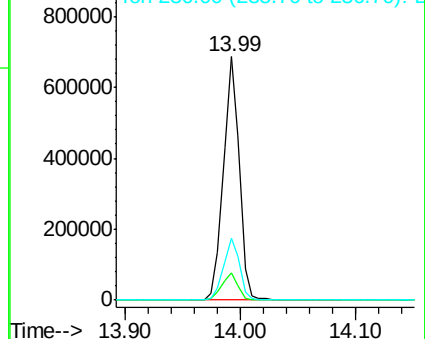
236 25.6 20.7 31.1



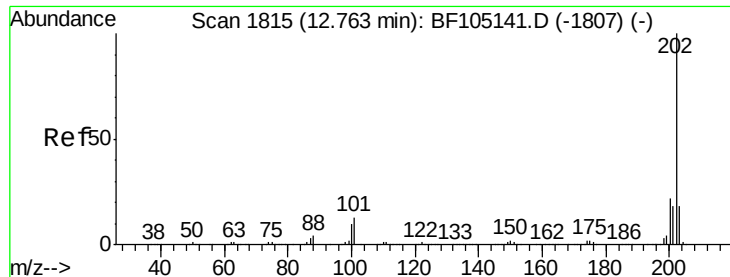
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



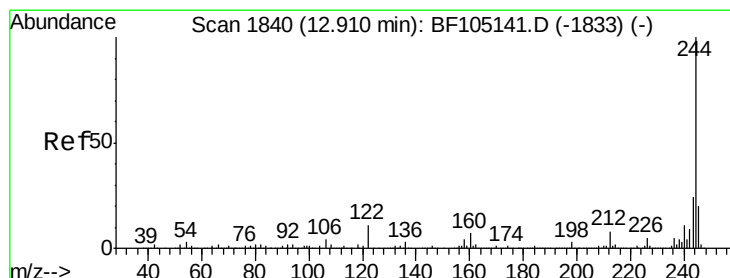
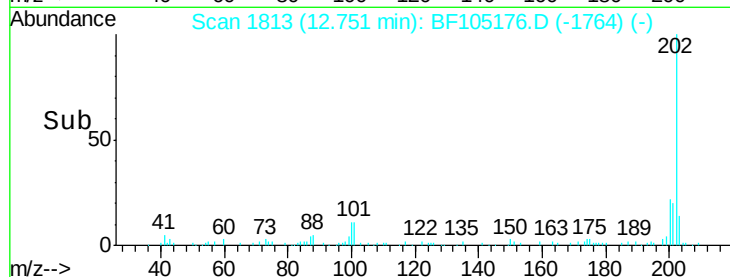
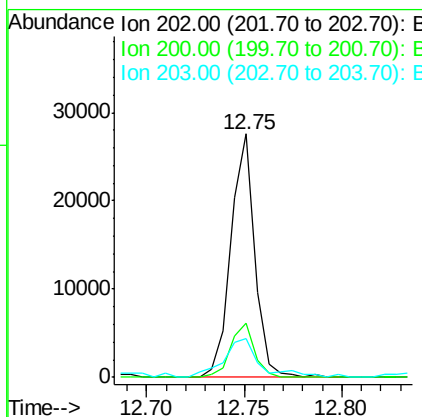
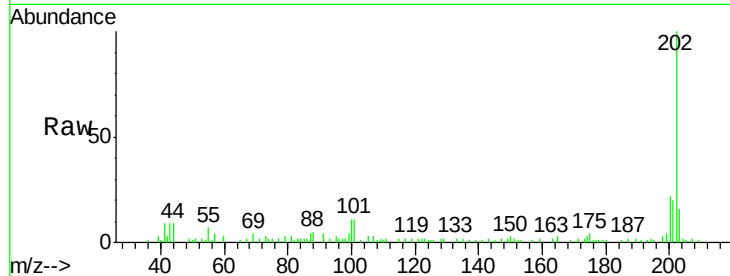




#77  
 Pvrene  
 Concen: 0.489 ng  
 RT: 12.75 min Scan# 1813  
 Delta R.T. -0.01 min  
 Lab File: BF105176.D  
 Acq: 9 May 2018 6:03

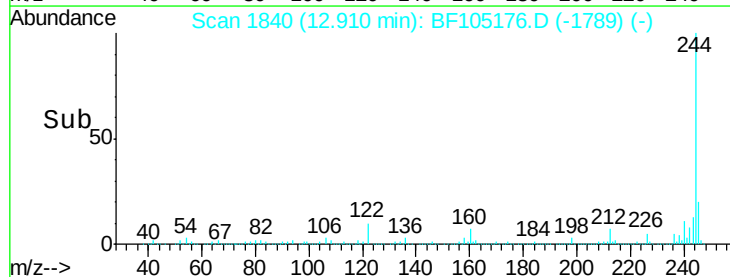
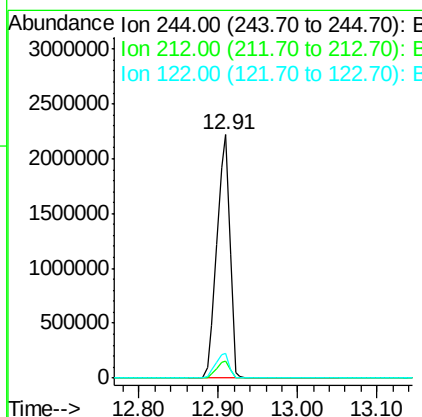
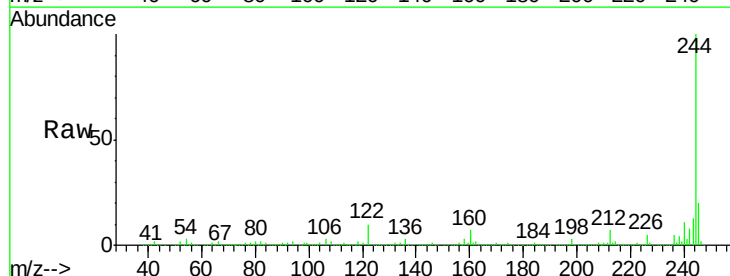
Instrument :  
 BNA\_F  
 ClientSampleId :

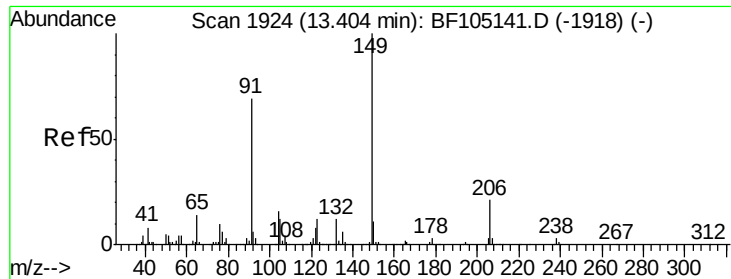
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.2  | 17.4  | 26.2  |
| 203     | 15.7  | 14.3  | 21.5  |



#78  
 Terphenyl-d14  
 Concen: 89.412 ng  
 RT: 12.91 min Scan# 1840  
 Delta R.T. -0.00 min  
 Lab File: BF105176.D  
 Acq: 9 May 2018 6:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.2   | 5.4   | 8.0   |
| 122     | 10.1  | 11.0  | 16.4# |





#79

Butylbenzylphthalate

Concen: 7.020 ng

RT: 13.39 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BF105176.D

Acq: 9 May 2018 6:03

Instrument :

BNA\_F

ClientSampleId :

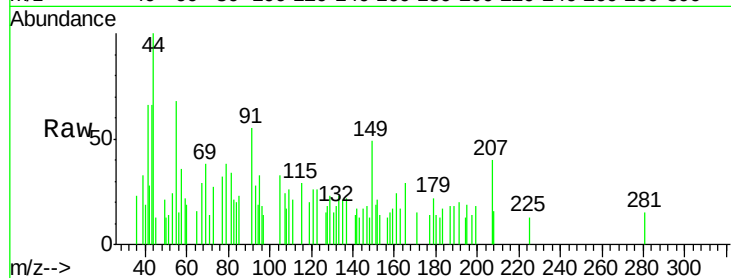
Tot Ion:149 Resp: 2429

Ion Ratio Lower Upper

149 100

91 111.7 56.8 85.2#

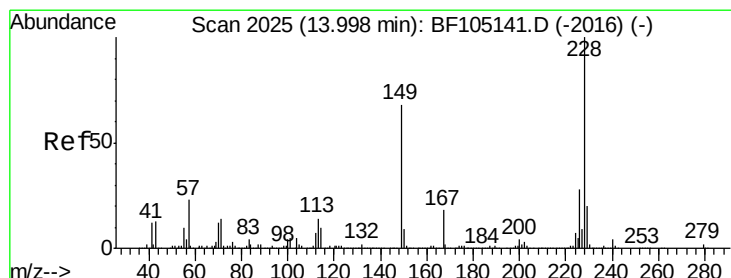
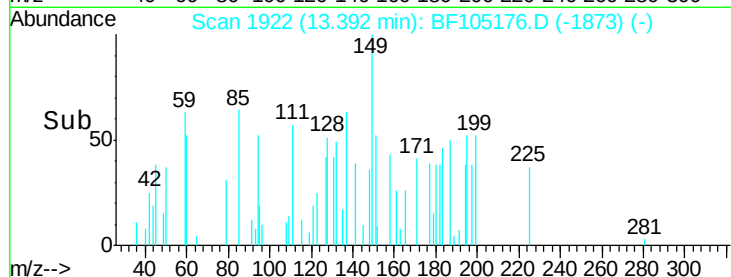
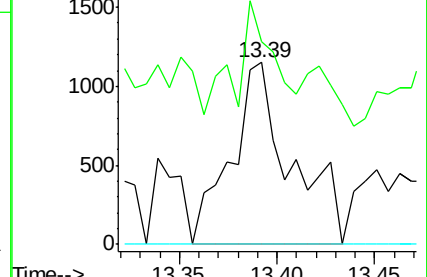
206 0.0 14.1 21.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 0.159 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.02 min

Lab File: BF105176.D

Acq: 9 May 2018 6:03

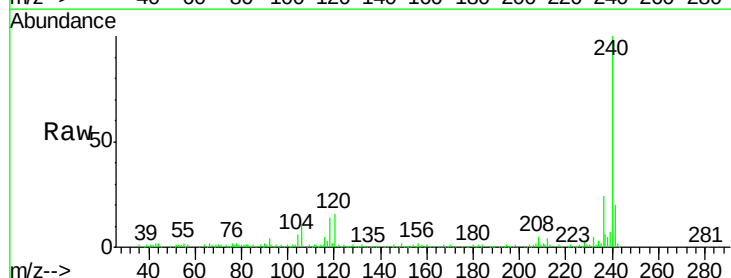
Tgt Ion:228 Resp: 6320

Ion Ratio Lower Upper

228 100

226 31.7 22.6 33.8

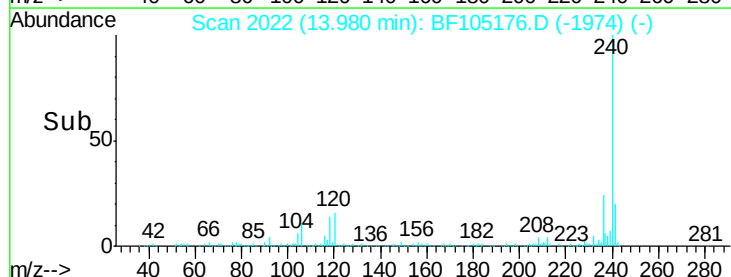
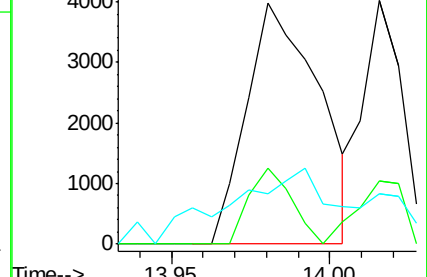
229 20.7 15.8 23.6

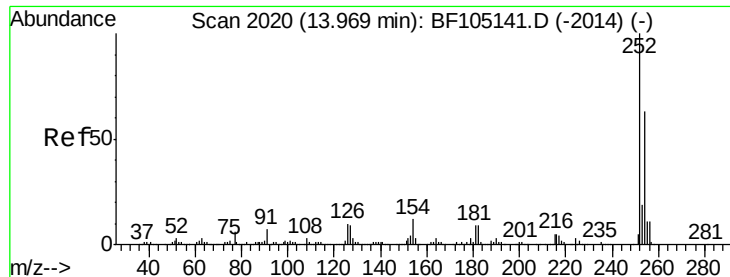


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 0.009 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.14 min

Lab File: BF105176.D

Acq: 9 May 2018 6:03

Instrument :

BNA\_F

ClientSampleId :

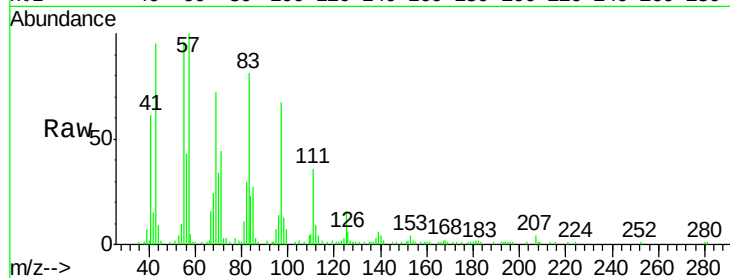
Tot Ion:252 Resp: 132

Ion Ratio Lower Upper

252 100

254 0.0 50.4 75.6#

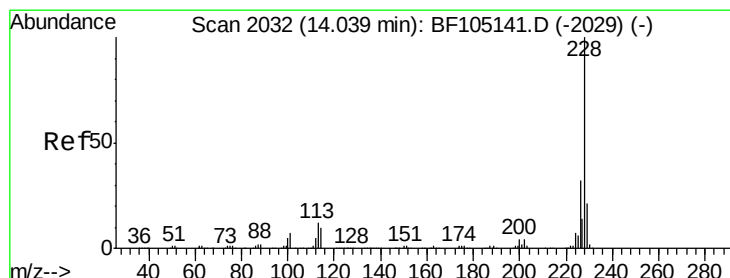
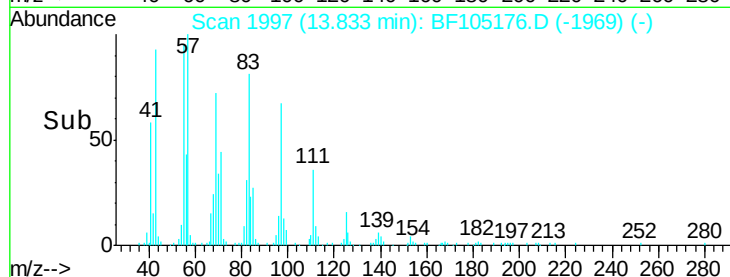
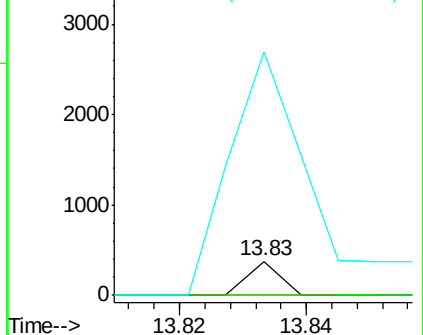
126 722.3 11.3 16.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 0.087 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF105176.D

Acq: 9 May 2018 6:03

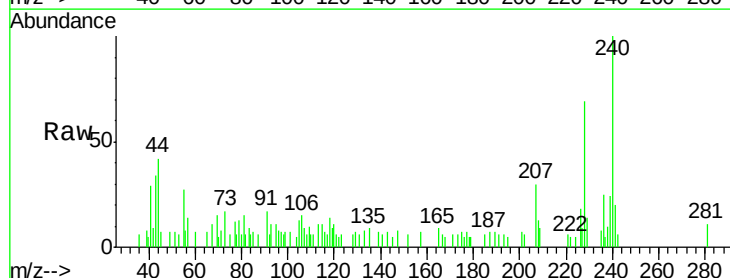
Tgt Ion:228 Resp: 3579

Ion Ratio Lower Upper

228 100

226 25.8 25.0 37.6

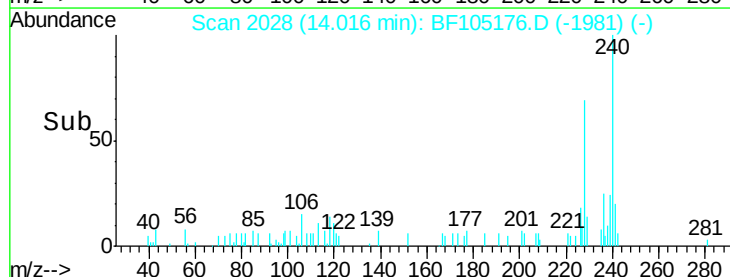
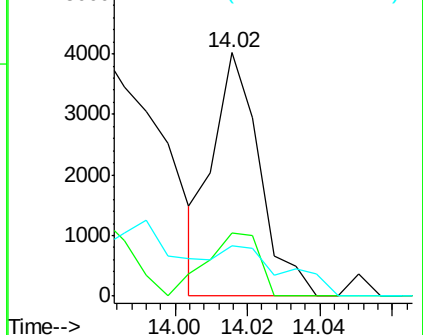
229 20.7 16.2 24.4

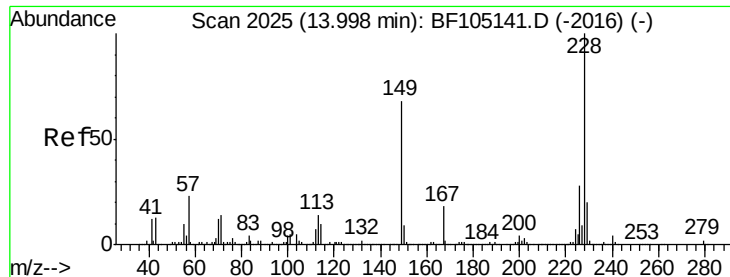


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

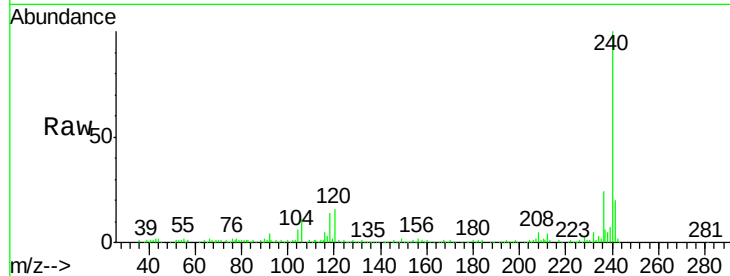




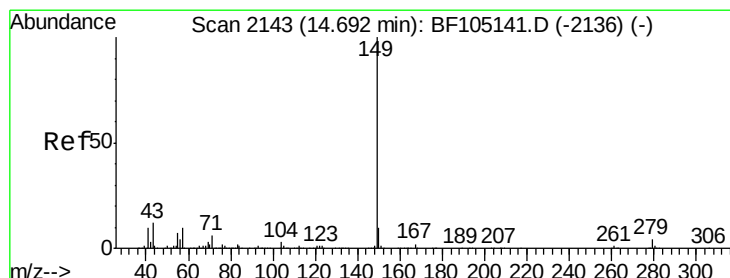
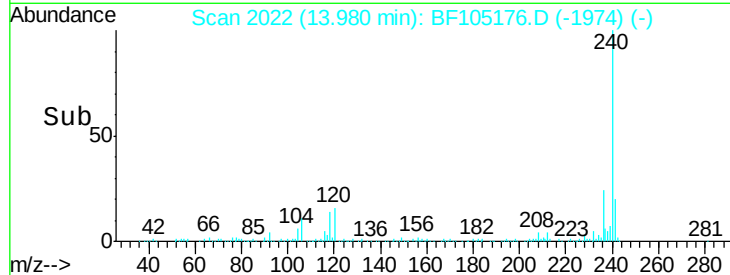
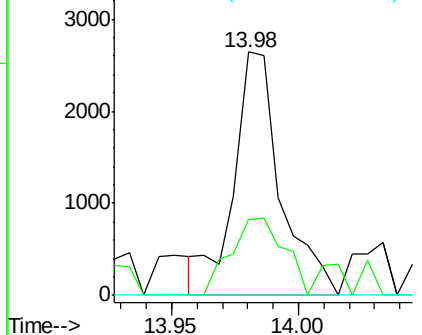
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.173 ng  
 RT: 13.98 min Scan# 2022  
 Delta R.T. -0.02 min  
 Lab File: BF105176.D  
 Acq: 9 May 2018 6:03

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:149 Resp: 3413  
 Ion Ratio Lower Upper  
 149 100  
 167 31.1 21.3 31.9  
 279 0.0 3.0 4.4#

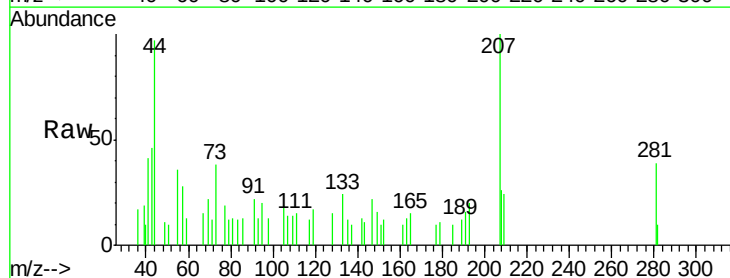


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

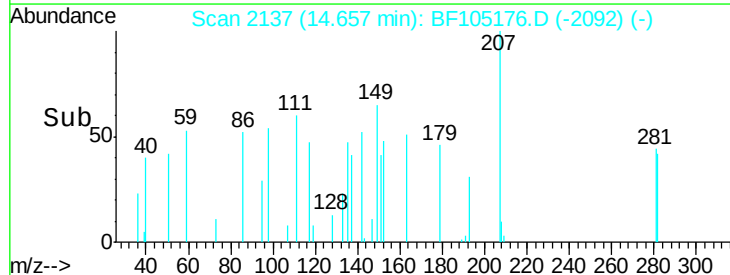
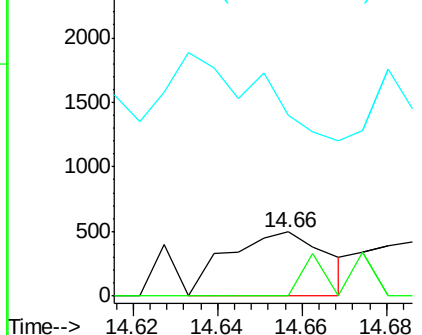


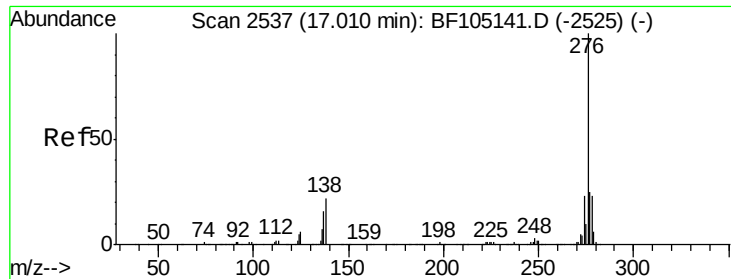
#84  
 Di-n-octyl phthalate  
 Concen: 6.954 ng  
 RT: 14.66 min Scan# 2137  
 Delta R.T. -0.04 min  
 Lab File: BF105176.D  
 Acq: 9 May 2018 6:03

Tgt Ion:149 Resp: 815  
 Ion Ratio Lower Upper  
 149 100  
 167 0.0 1.2 1.8#  
 43 0.0 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 43.00 (42.70 to 43.70): BF1

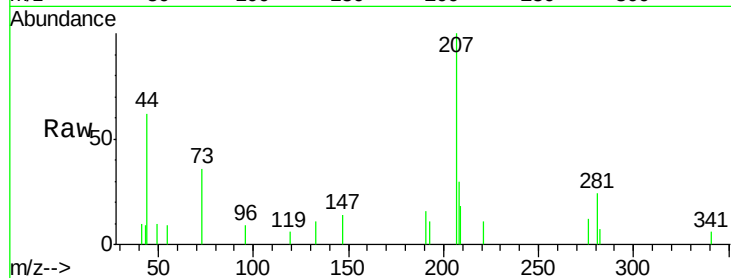




#85  
Indeno(1,2,3-cd)pyrene  
Concen: 0.029 ng  
RT: 16.96 min Scan# 2528  
Delta R.T. -0.05 min  
Lab File: BF105176.D  
Acq: 9 May 2018 6:03

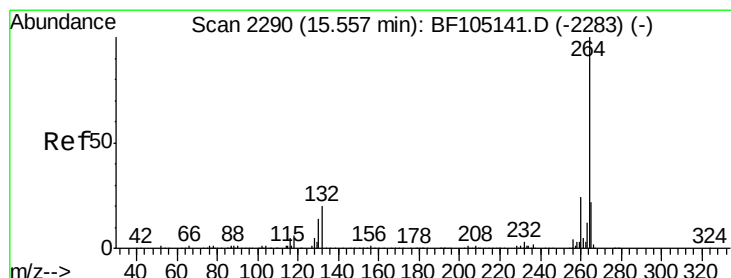
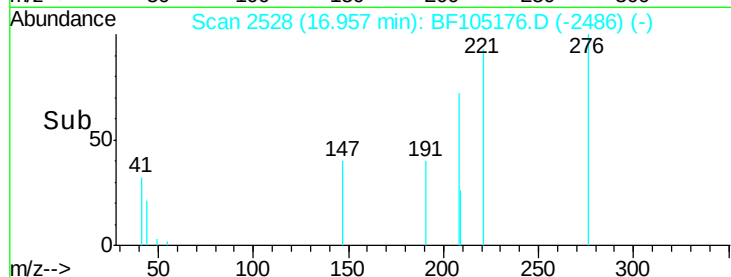
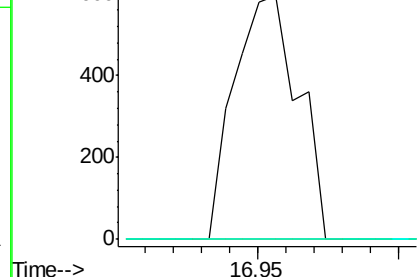
Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 0.0   | 25.0  | 37.6# |
| 277     | 0.0   | 20.1  | 30.1# |



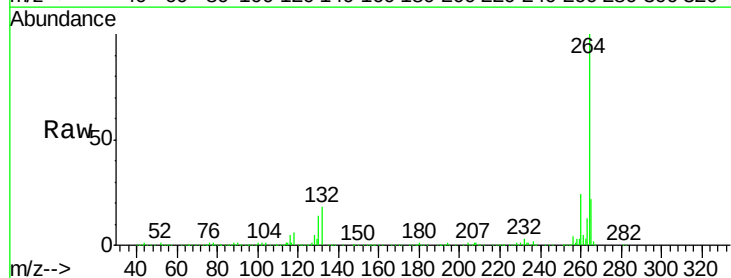
Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E

16.96



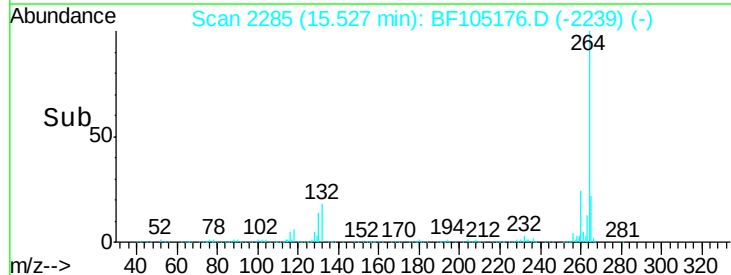
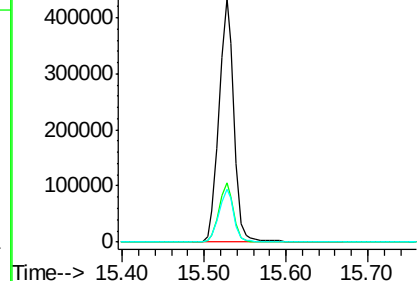
#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.53 min Scan# 2285  
Delta R.T. -0.03 min  
Lab File: BF105176.D  
Acq: 9 May 2018 6:03

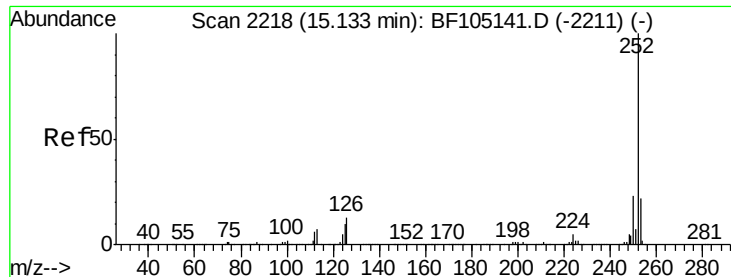
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.1  | 19.2  | 28.8  |
| 265     | 21.9  | 17.5  | 26.3  |



Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

15.53

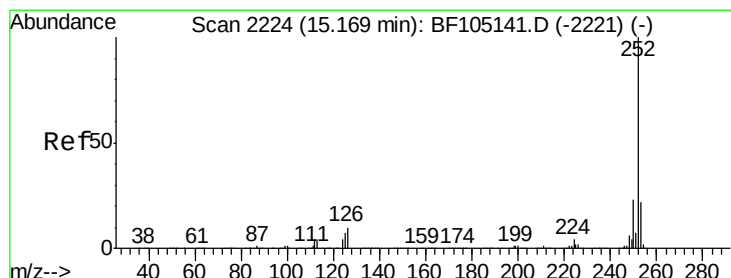
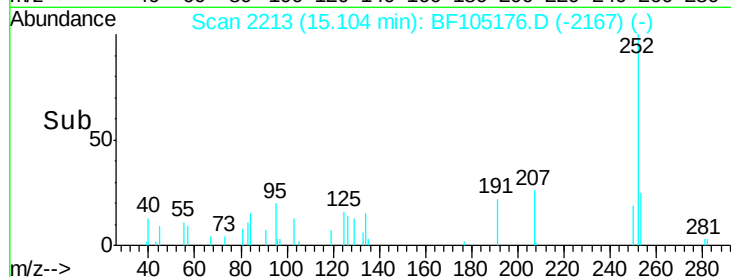
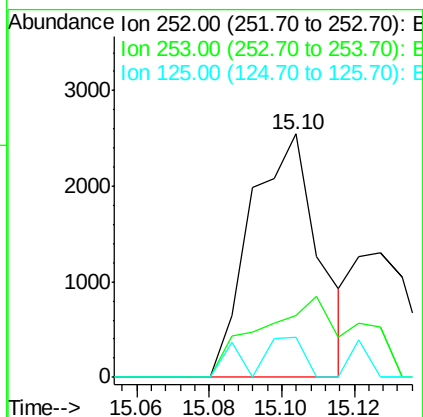
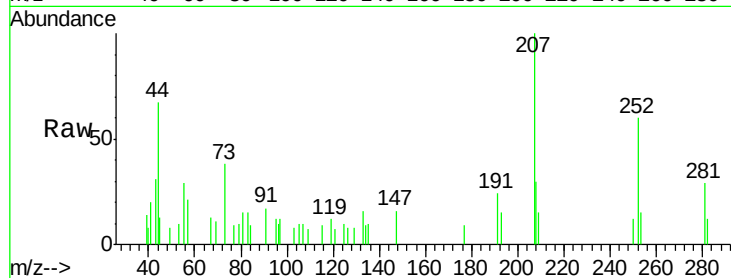




#87  
Benzo(b)fluoranthene  
Concen: 0.098 ng  
RT: 15.10 min Scan# 2213  
Delta R.T. -0.03 min  
Lab File: BF105176.D  
Acq: 9 May 2018 6:03

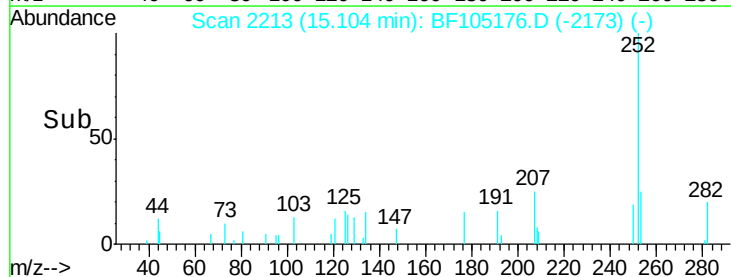
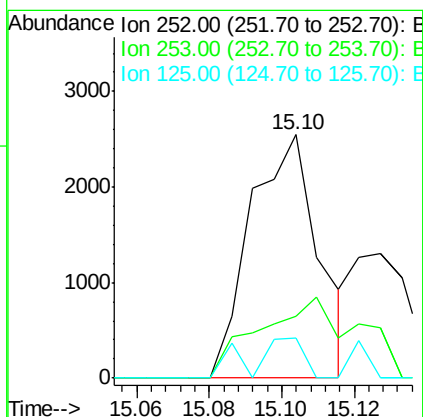
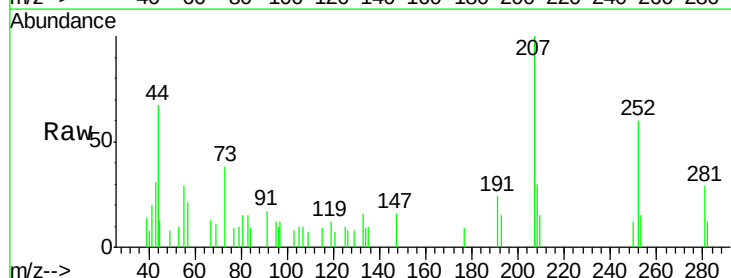
Instrument :  
BNA\_F  
ClientSampleId :

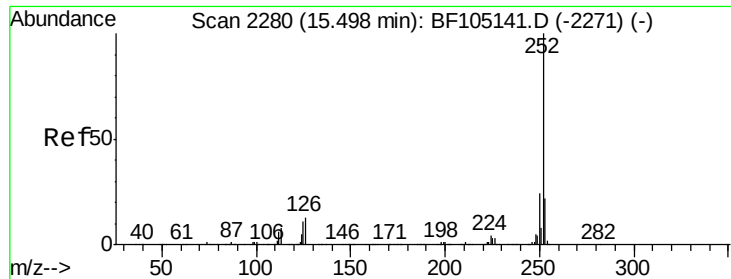
Tot Ion:252 Resp: 3338  
Ion Ratio Lower Upper  
252 100  
253 25.4 17.0 25.6  
125 16.3 9.0 13.6#



#88  
Benzo(k)fluoranthene  
Concen: 0.101 ng  
RT: 15.10 min Scan# 2213  
Delta R.T. -0.06 min  
Lab File: BF105176.D  
Acq: 9 May 2018 6:03

Tgt Ion:252 Resp: 3338  
Ion Ratio Lower Upper  
252 100  
253 25.4 17.9 26.9  
125 16.3 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 0.075 ng

RT: 15.46 min Scan# 2274

Delta R.T. -0.04 min

Lab File: BF105176.D

Acq: 9 May 2018 6:03

Instrument :

BNA\_F

ClientSampleId :

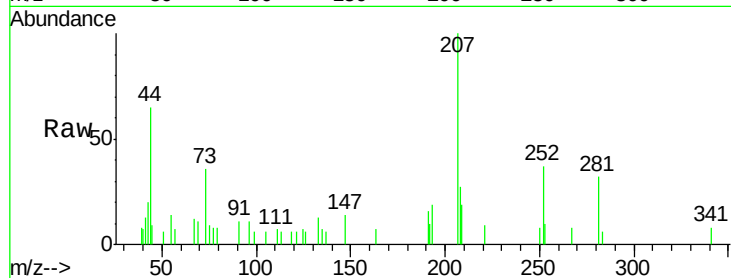
Tot Ion:252 Resp: 2307

Ion Ratio Lower Upper

252 100

253 27.8 17.1 25.7#

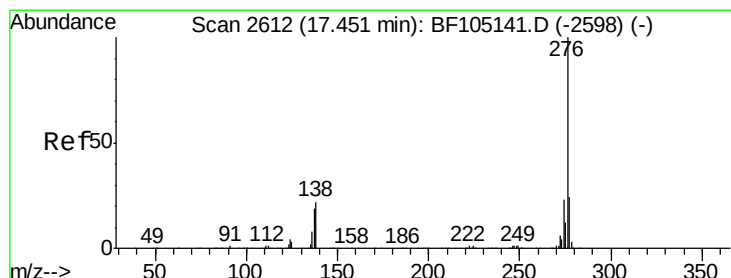
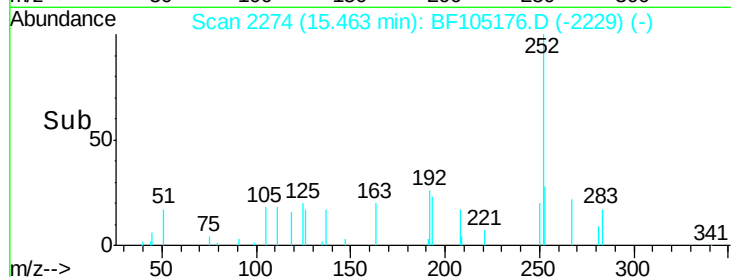
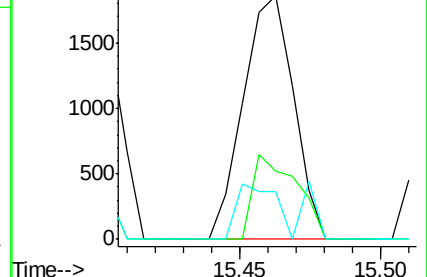
125 19.8 9.8 14.6#



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



#91

Benzo(g,h,i)perylene

Concen: 0.036 ng

RT: 17.38 min Scan# 2600

Delta R.T. -0.07 min

Lab File: BF105176.D

Acq: 9 May 2018 6:03

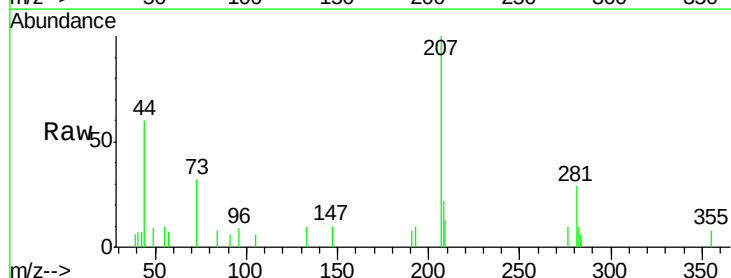
Tgt Ion:276 Resp: 843

Ion Ratio Lower Upper

276 100

277 0.0 17.9 26.9#

138 0.0 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

