

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\  
 Data File : BF105181.D  
 Acq On : 9 May 2018 8:15  
 Operator : JU/SJ  
 Sample : J2680-10  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: May 09 11:43:03 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  | 234701   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.07  | 136  | 938630   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.83  | 164  | 465830   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.31 | 188  | 911242   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.02 | 240  | 780284   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.58 | 264  | 659650   | 20.00 | ng    | 0.02     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.42  | 112 | 1630881 | 114.48 | ng | 0.02 |
| 7) Phenol-d6             | 6.42  | 99  | 1785879 | 105.28 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.36  | 82  | 1416763 | 102.30 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.62 | 330 | 747573  | 145.46 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.15  | 172 | 2592892 | 86.39  | ng | 0.00 |
| 78) Terphenyl-d14        | 12.92 | 244 | 2879095 | 85.71  | ng | 0.00 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.53  | 88  | 115     | 0.015  | ng | # 20   |
| 4) n-Nitrosodimethylamine      | 3.21  | 42  | 283     | 0.028  | ng | # 1    |
| 6) Aniline                     | 6.56  | 93  | 2680    | 0.108  | ng | # 1    |
| 8) 2-Chlorophenol              | 6.57  | 128 | 999     | 0.066  | ng | # 1    |
| 9) Benzaldehyde                | 6.42  | 77  | 2881    | 0.222  | ng | # 1    |
| 10) Phenol                     | 6.42  | 94  | 410     | 0.022  | ng | # 1    |
| 11) bis(2-Chloroethyl)ether    | 6.56  | 93  | 2680    | 0.172  | ng | # 1    |
| 12) 1,3-Dichlorobenzene        | 6.95  | 146 | 629     | 0.035  | ng | # 1    |
| 13) 1,4-Dichlorobenzene        | 6.95  | 146 | 629     | 0.035  | ng | # 1    |
| 14) 1,2-Dichlorobenzene        | 6.95  | 146 | 629     | 0.037  | ng | # 1    |
| 15) Benzyl Alcohol             | 6.95  | 79  | 23166   | 1.784  | ng | # 40   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.07  | 45  | 248     | 0.009  | ng | # 70   |
| 17) 2-Methylphenol             | 6.95  | 107 | 109     | 0.008  | ng | # 1    |
| 18) Hexachloroethane           | 7.33  | 117 | 352     | 0.060  | ng | # 1    |
| 19) n-Nitroso-di-n-propylamine | 7.36  | 70  | 195810  | 17.434 | ng | # 84   |
| 20) 3+4-Methylphenols          | 6.95  | 107 | 109     | 0.007  | ng | # 1    |
| 22) Acetophenone               | 7.19  | 105 | 3595    | 0.164  | ng | # 82   |
| 24) Nitrobenzene               | 7.35  | 77  | 4719    | 0.301  | ng | # 35   |
| 25) Isophorone                 | 7.36  | 82  | 1415118 | 45.689 | ng | # 64   |
| 28) bis(2-Chloroethoxy)methane | 8.07  | 93  | 118     | 0.006  | ng | # 1    |
| 30) 1,2,4-Trichlorobenzene     | 8.01  | 180 | 315     | 0.021  | ng | # 78   |
| 31) Naphthalene                | 8.09  | 128 | 191409  | 4.235  | ng | # 99   |
| 32) Benzoic acid               | 8.09  | 122 | 457     | 9.197  | ng | # 1    |
| 33) 4-Chloroaniline            | 8.09  | 127 | 26210   | 1.395  | ng | # 40   |
| 35) Caprolactam                | 8.78  | 113 | 831     | 0.212  | ng | # 1    |
| 37) 2-Methylnaphthalene        | 8.78  | 142 | 28529   | 0.906  | ng | # 98   |
| 45) 1,1'-Biphenyl              | 9.25  | 154 | 13061   | 0.344  | ng | # 92   |
| 46) 2-Chloronaphthalene        | 9.41  | 162 | 501     | 0.018  | ng | # 37   |
| 47) 2-Nitroaniline             | 9.15  | 65  | 4607    | 6.295  | ng | # 1    |
| 48) Acenaphthylene             | 9.68  | 152 | 5488    | 0.125  | ng | # 97   |
| 50) 2,6-Dinitrotoluene         | 9.83  | 165 | 60558   | 8.850  | ng | # 26   |
| 51) Acenaphthene               | 9.86  | 154 | 9669    | 0.342  | ng | # 90   |
| 52) 3-Nitroaniline             | 9.93  | 138 | 263     | 0.036  | ng | # 2    |
| 54) Dibenzofuran               | 10.03 | 168 | 5287    | 0.128  | ng | # 93   |

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\  
 Data File : BF105181.D  
 Acq On : 9 May 2018 8:15  
 Operator : JU/SJ  
 Sample : J2680-10  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

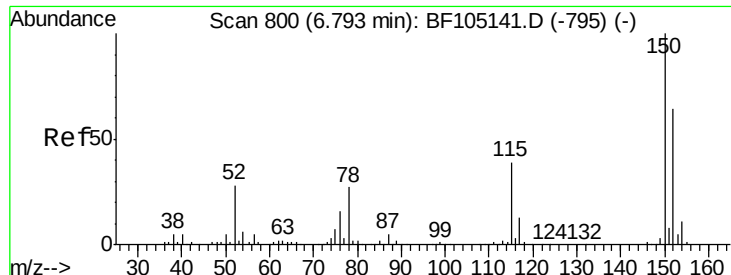
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: May 09 11:43:03 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  | 1907     | 4.578 | ng    | # 9      |
| 56) 2,4-Dinitrotoluene         | 9.83  | 165  | 60558    | 9.764 | ng    | # 23     |
| 57) Fluorene                   | 10.37 | 166  | 8319     | 0.275 | ng    | 97       |
| 59) Diethylphthalate           | 10.25 | 149  | 1120     | 0.036 | ng    | # 61     |
| 62) Azobenzene                 | 10.62 | 77   | 3150     | 0.097 | ng    | # 17     |
| 64) 4,6-Dinitro-2-methylphenol | 10.62 | 198  | 1703     | 9.289 | ng    | # 12     |
| 65) n-Nitrosodiphenylamine     | 10.62 | 169  | 19313    | 0.680 | ng    | # 45     |
| 66) 4-Bromophenyl-phenylether  | 10.62 | 248  | 42578    | 4.381 | ng    | # 1      |
| 70) Phenanthrene               | 11.33 | 178  | 17760    | 0.370 | ng    | 95       |
| 71) Anthracene                 | 11.38 | 178  | 1839     | 0.038 | ng    | 94       |
| 72) Carbazole                  | 11.54 | 167  | 1002     | 0.023 | ng    | # 59     |
| 73) Di-n-butylphthalate        | 11.87 | 149  | 2363     | 0.050 | ng    | # 78     |
| 74) Fluoranthene               | 12.52 | 202  | 1506     | 0.030 | ng    | 77       |
| 76) Benzidine                  | 12.92 | 184  | 37675    | 1.293 | ng    | # 97     |
| 77) Pyrene                     | 12.75 | 202  | 1367     | 0.024 | ng    | # 92     |
| 80) Benzo(a)anthracene         | 14.02 | 228  | 1855     | 0.039 | ng    | # 55     |
| 82) Chrysene                   | 14.02 | 228  | 1855     | 0.038 | ng    | # 54     |
| 83) Bis(2-ethylhexyl)phthalate | 14.01 | 149  | 613      | 0.026 | ng    | # 5      |
| 89) Benzo(a)pyrene             | 15.58 | 252  | 2033     | 0.055 | ng    | # 72     |
| -----                          |       |      |          |       |       |          |

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



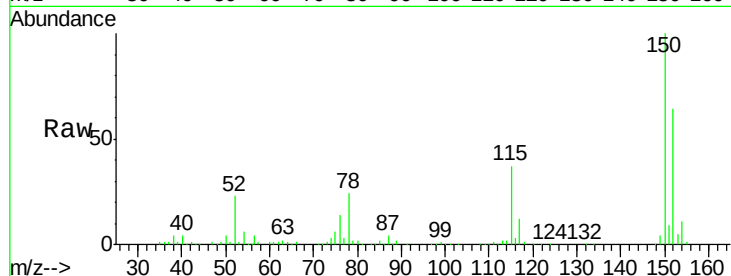


#1

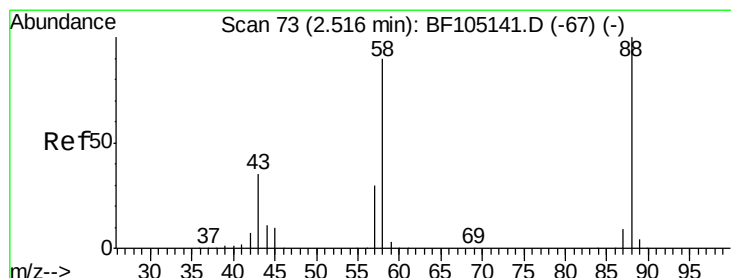
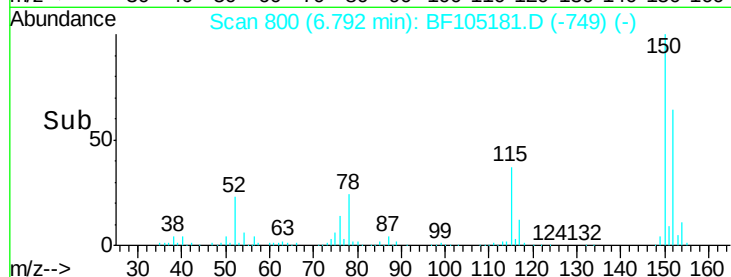
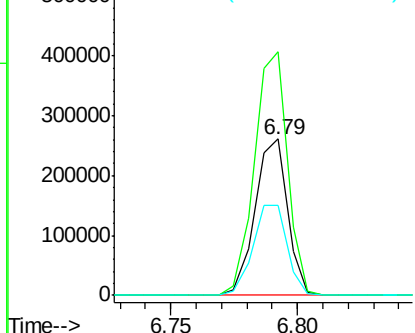
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.79 min Scan# 800  
Delta R.T. -0.00 min  
Lab File: BF105181.D  
Acq: 9 May 2018 8:15

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:152 Resp: 234701  
Ion Ratio Lower Upper  
152 100  
150 155.8 124.6 186.8  
115 57.8 50.1 75.1



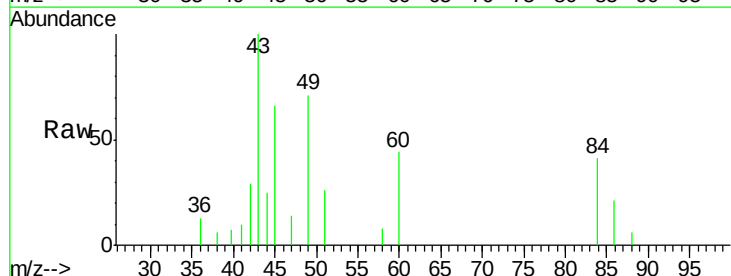
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



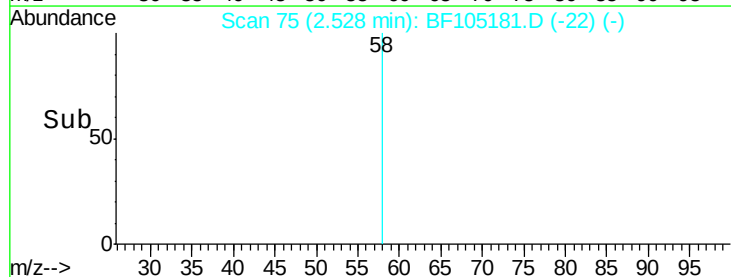
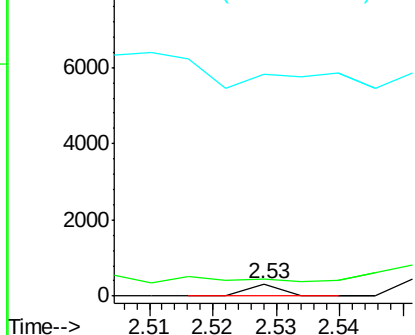
#2

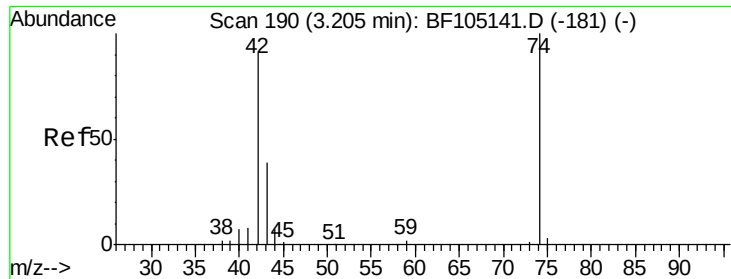
1,4-Dioxane  
Concen: 0.015 ng  
RT: 2.53 min Scan# 75  
Delta R.T. 0.01 min  
Lab File: BF105181.D  
Acq: 9 May 2018 8:15

Tgt Ion: 88 Resp: 115  
Ion Ratio Lower Upper  
88 100  
58 0.0 62.6 93.8#  
43 0.0 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



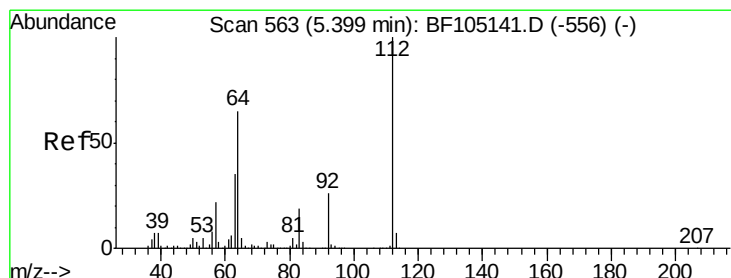
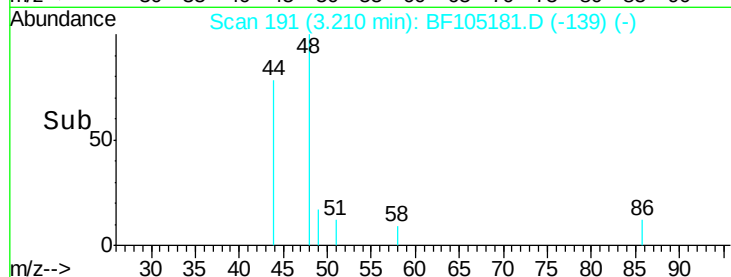
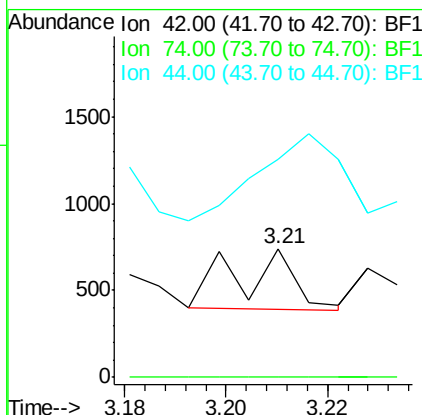
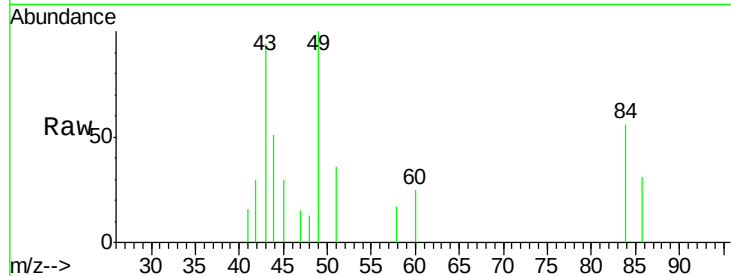


#4

n-Nitrosodimethylamine  
 Concen: 0.028 ng  
 RT: 3.21 min Scan# 191  
 Delta R.T. 0.01 min  
 Lab File: BF105181.D  
 Acq: 9 May 2018 8:15

Instrument :  
 BNA\_F  
 ClientSampleId :

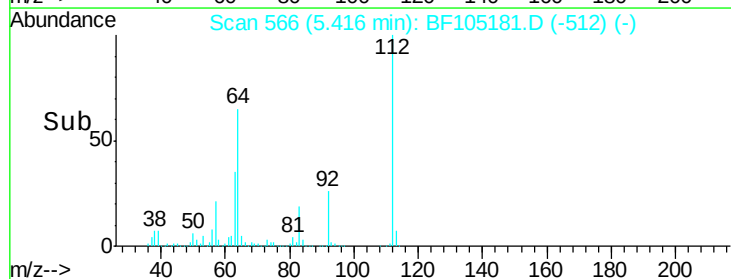
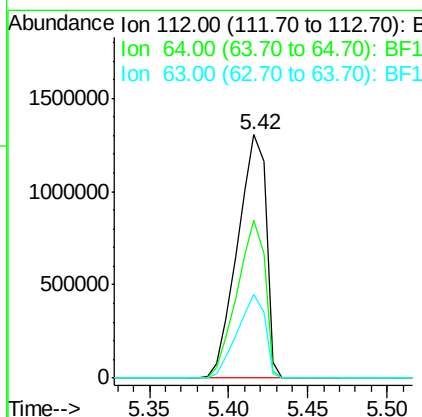
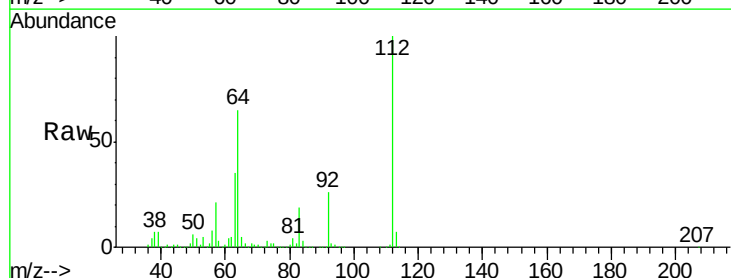
Tot Ion: 42 Resp: 283  
 Ion Ratio Lower Upper  
 42 100  
 74 0.0 104.9 157.3#  
 44 169.5 6.9 10.3#

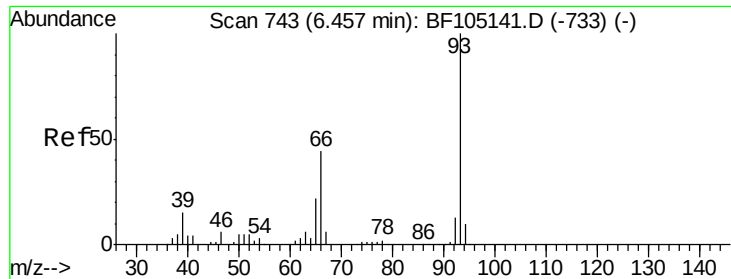


#5

2-Fluorophenol  
 Concen: 114.476 ng  
 RT: 5.42 min Scan# 566  
 Delta R.T. 0.02 min  
 Lab File: BF105181.D  
 Acq: 9 May 2018 8:15

Tgt Ion: 112 Resp: 1630881  
 Ion Ratio Lower Upper  
 112 100  
 64 64.7 47.9 71.9  
 63 34.5 23.7 35.5





#6

Aniline

Concen: 0.108 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.11 min

Lab File: BF105181.D

Acq: 9 May 2018 8:15

Instrument :

BNA\_F

ClientSampleId :

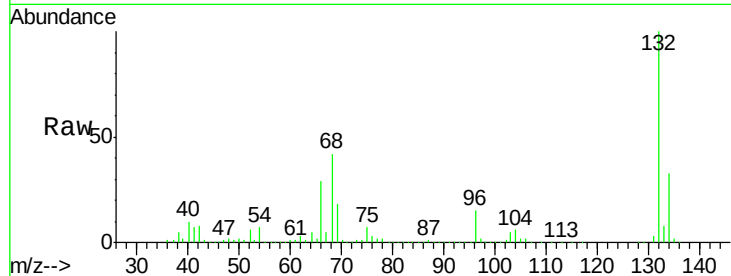
Tot Ion: 93 Resp: 2680

Ion Ratio Lower Upper

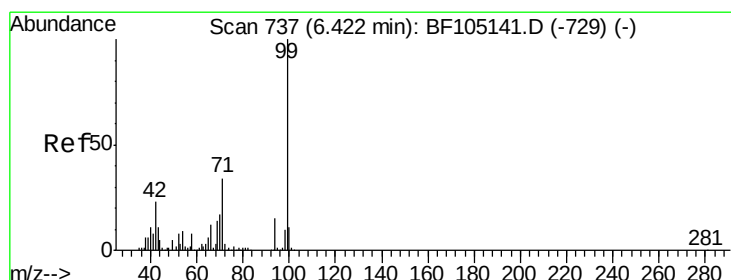
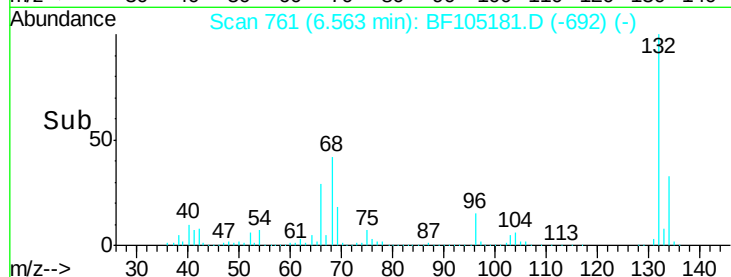
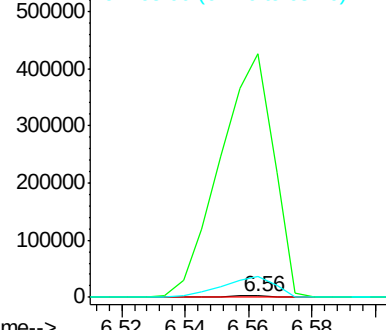
93 100

66 17131.9 32.2 48.2#

65 1427.8 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: 105.279 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF105181.D

Acq: 9 May 2018 8:15

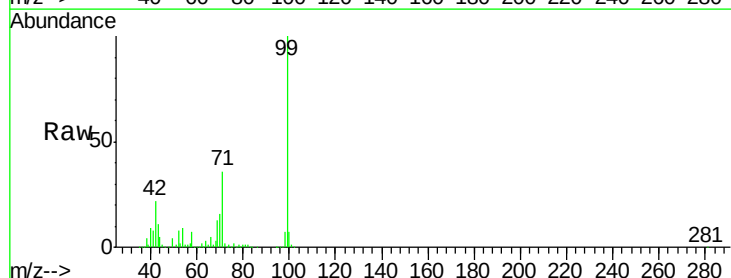
Tgt Ion: 99 Resp: 1785879

Ion Ratio Lower Upper

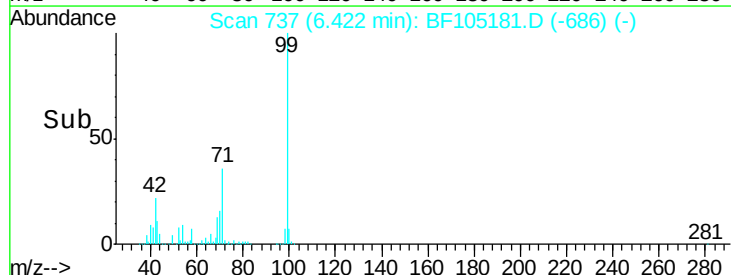
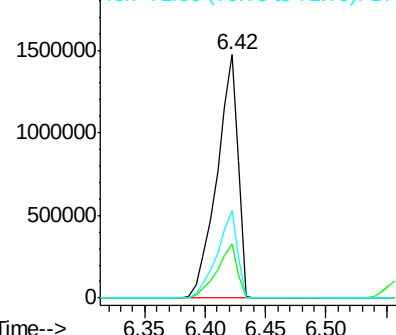
99 100

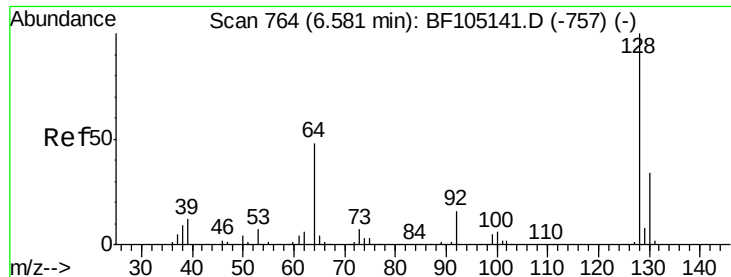
42 22.2 14.5 21.7#

71 36.1 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: 0.066 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF105181.D

Acq: 9 May 2018 8:15

Instrument :

BNA\_F

ClientSampleId :

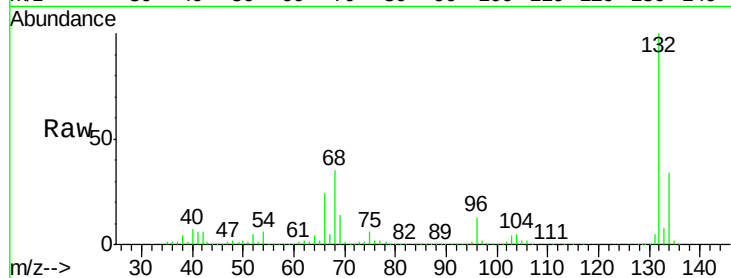
Tot Ion:128 Resp: 999

Ion Ratio Lower Upper

128 100

130 146.0 13.0 53.0#

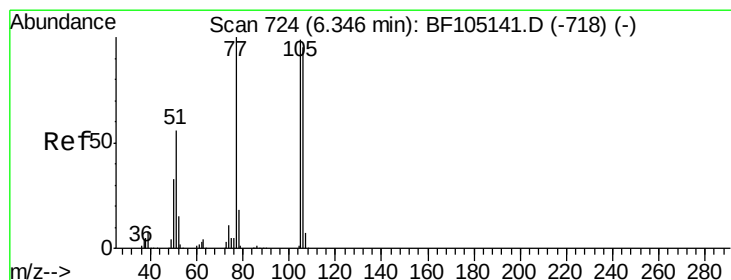
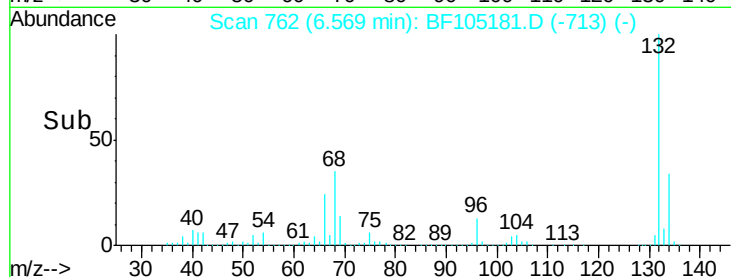
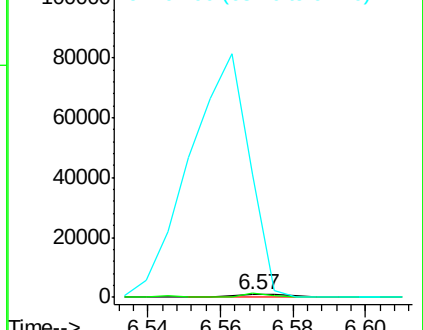
64 4300.0 29.4 69.4#



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: 0.222 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.07 min

Lab File: BF105181.D

Acq: 9 May 2018 8:15

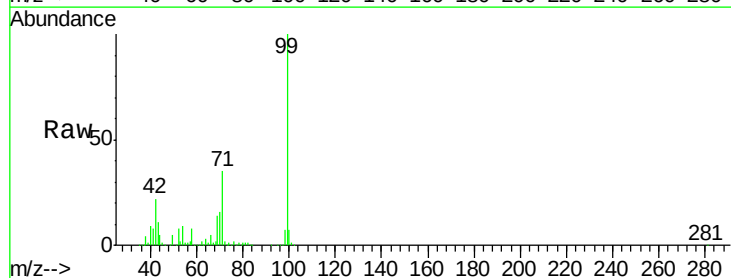
Tgt Ion: 77 Resp: 2881

Ion Ratio Lower Upper

77 100

105 0.0 81.1 121.1#

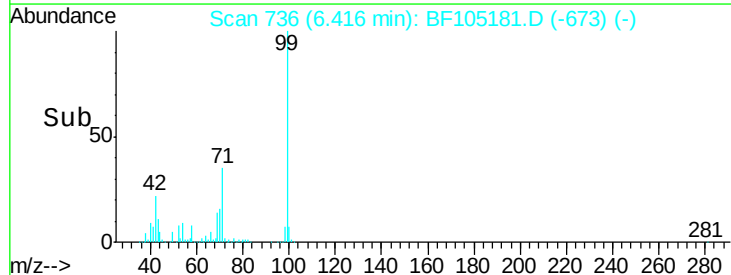
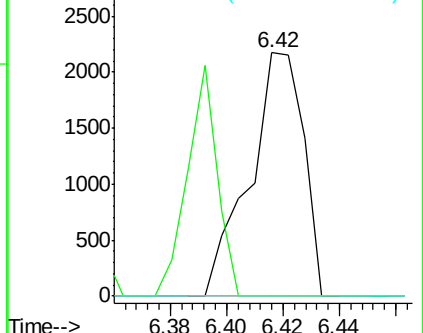
106 0.0 74.5 114.5#

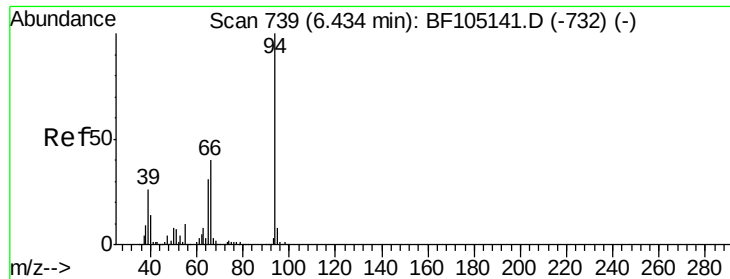


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.022 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF105181.D

Acq: 9 May 2018 8:15

Instrument :

BNA\_F

ClientSampleId :

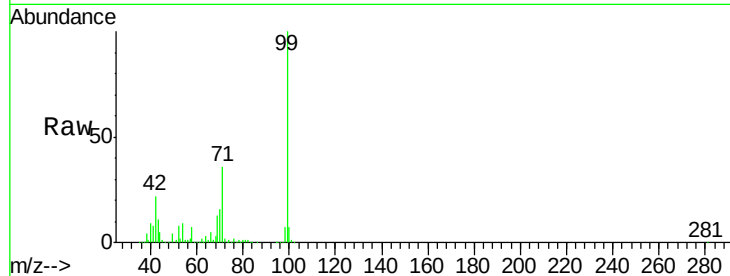
Tot Ion: 94 Resp: 410

Ion Ratio Lower Upper

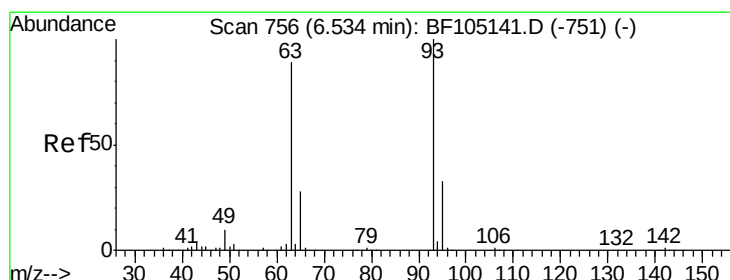
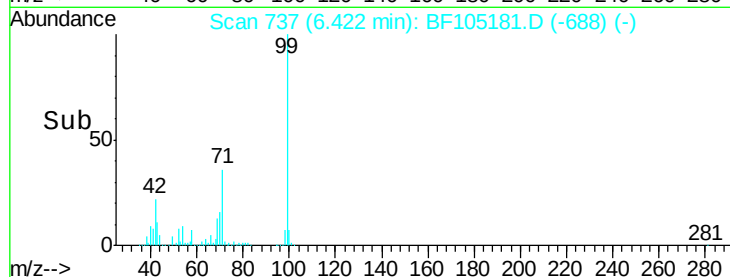
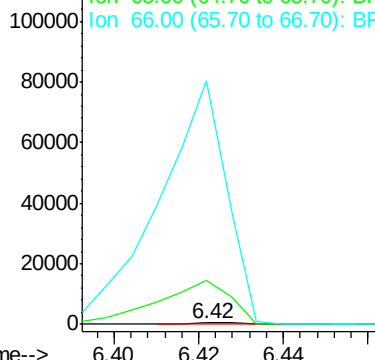
94 100

65 3040.7 7.9 47.9#

66 16611.6 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 66.00 (65.70 to 66.70): BF1



#11

bis(2-Chloroethyl)ether

Concen: 0.172 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.03 min

Lab File: BF105181.D

Acq: 9 May 2018 8:15

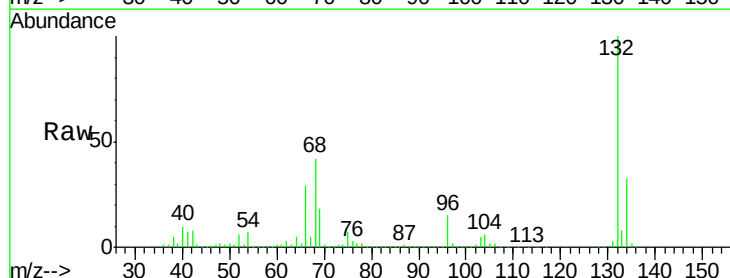
Tgt Ion: 93 Resp: 2680

Ion Ratio Lower Upper

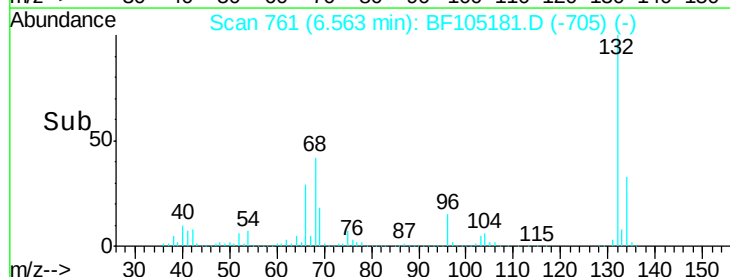
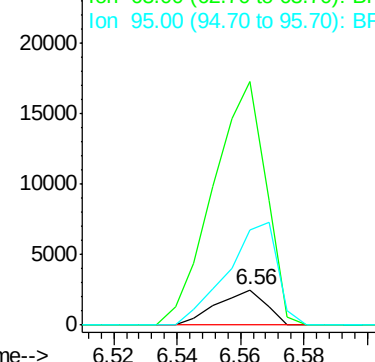
93 100

63 695.4 58.6 98.6#

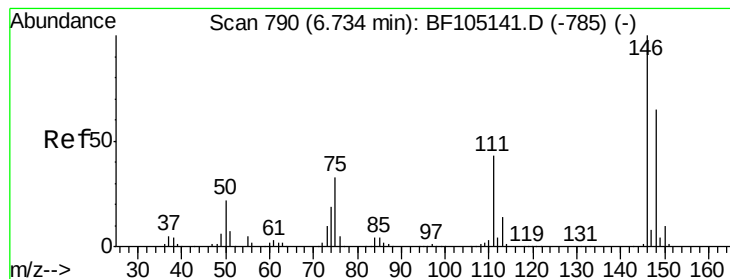
95 272.8 11.8 51.8#



Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1







#12

1,3-Dichlorobenzene

Concen: 0.035 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.22 min

Lab File: BF105181.D

Acq: 9 May 2018 8:15

Instrument :

BNA\_F

ClientSampled :

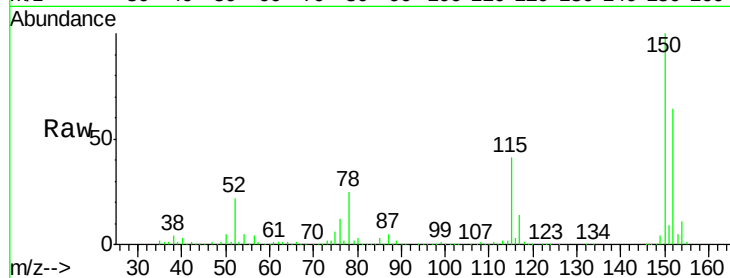
Tot Ion:146 Resp: 629

Ion Ratio Lower Upper

146 100

148 374.5 51.8 77.8#

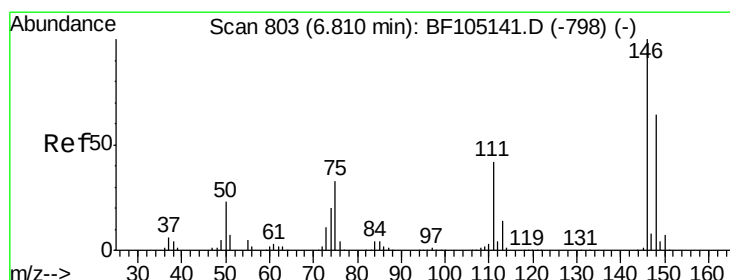
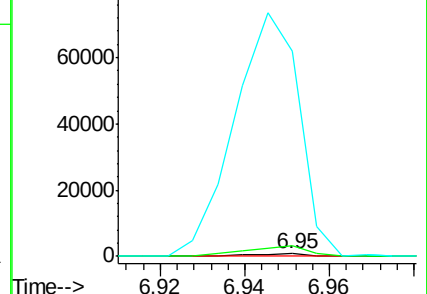
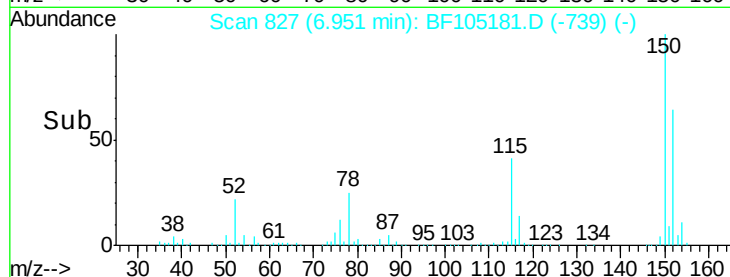
75 7576.0 24.2 36.4#



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: 0.035 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.14 min

Lab File: BF105181.D

Acq: 9 May 2018 8:15

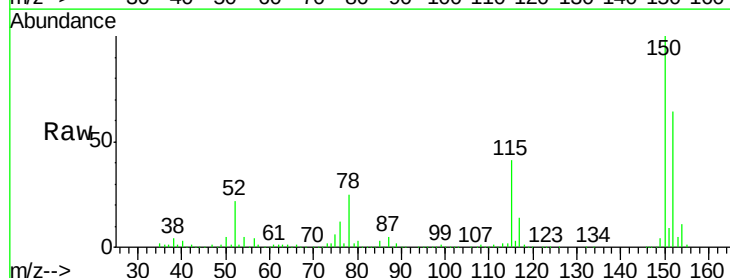
Tgt Ion:146 Resp: 629

Ion Ratio Lower Upper

146 100

148 374.5 50.8 76.2#

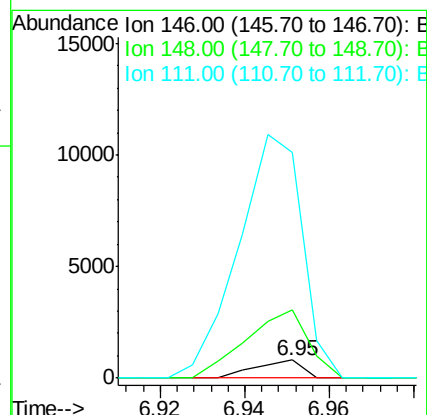
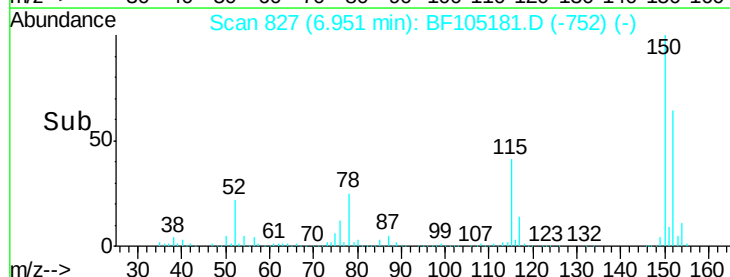
111 1240.5 34.2 51.2#

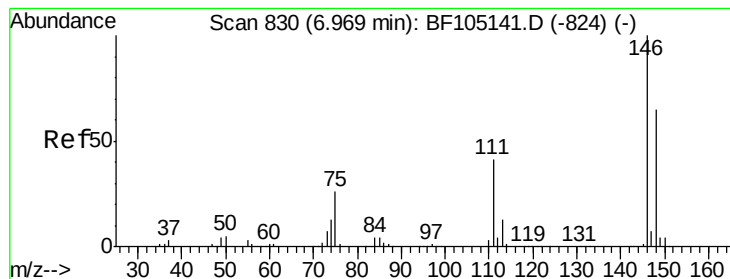


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 0.037 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.02 min

Lab File: BF105181.D

Acq: 9 May 2018 8:15

Instrument :

BNA\_F

ClientSampled :

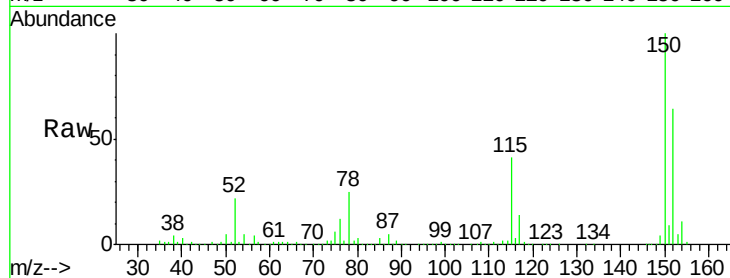
Tot Ion:146 Resp: 629

Ion Ratio Lower Upper

146 100

148 374.5 50.6 75.8#

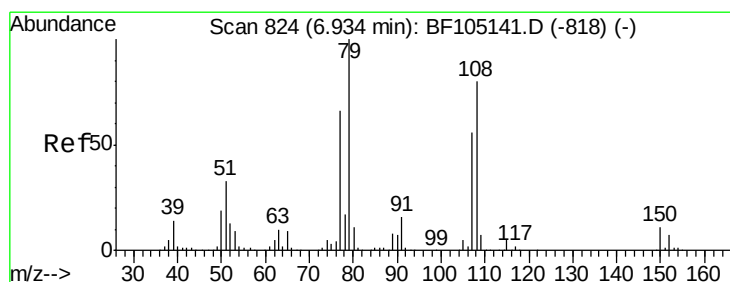
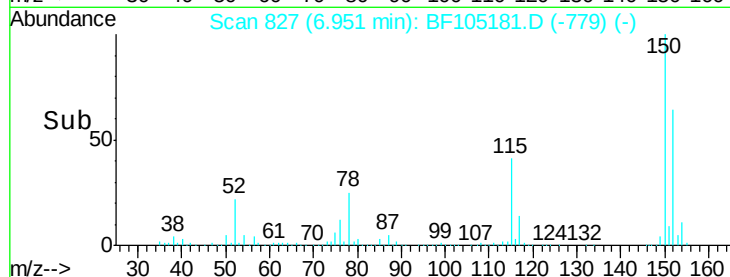
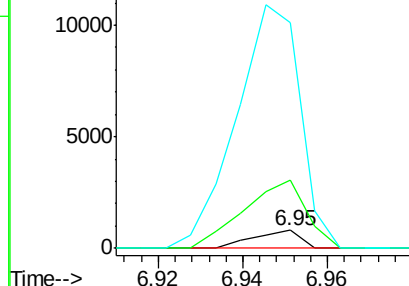
111 1240.5 36.0 54.0#



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: 1.784 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF105181.D

Acq: 9 May 2018 8:15

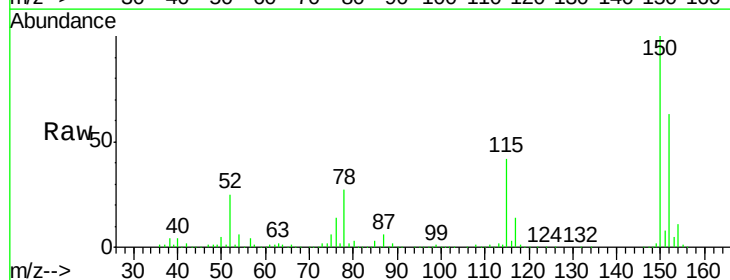
Tgt Ion: 79 Resp: 23166

Ion Ratio Lower Upper

79 100

108 32.8 65.1 97.7#

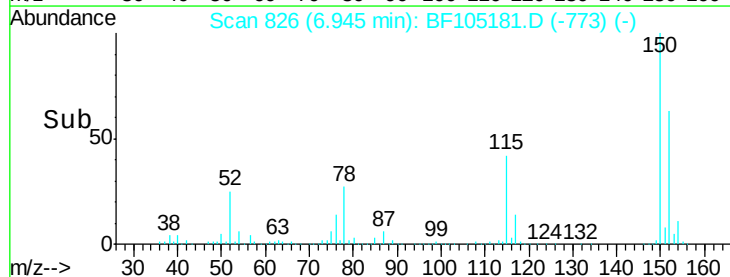
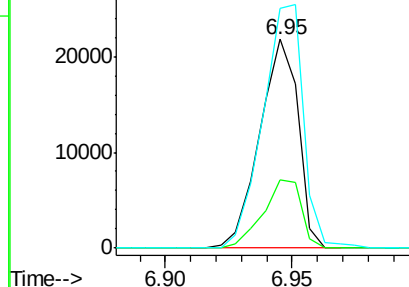
77 114.8 50.6 75.8#

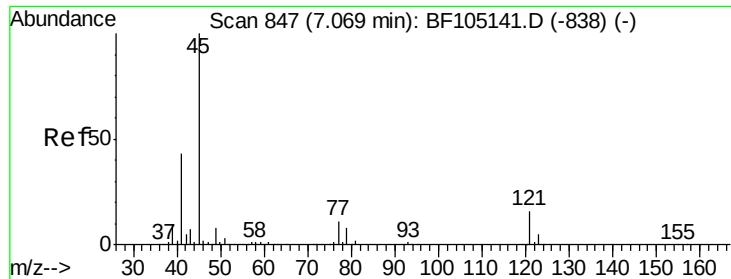


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

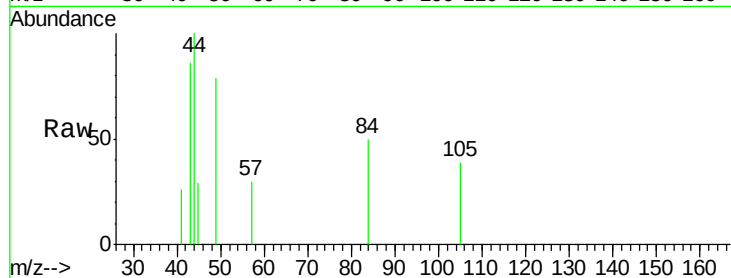




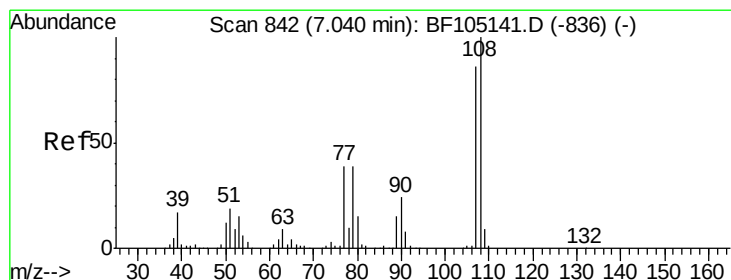
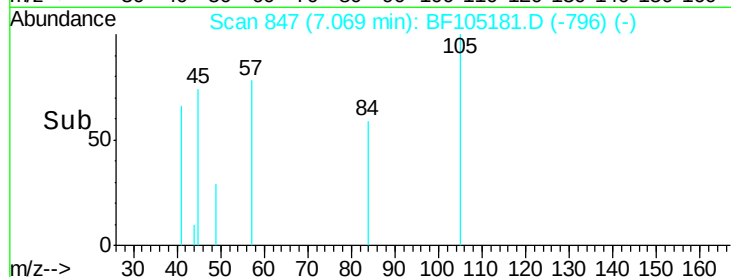
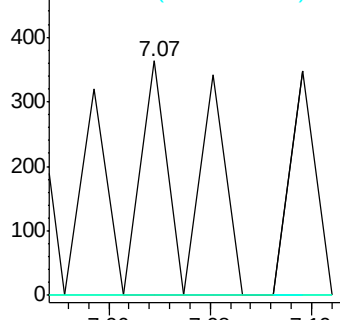
#16  
2,2'-oxvbis(1-Chloropropane)  
Concen: 0.009 ng  
RT: 7.07 min Scan# 847  
Delta R.T. -0.00 min  
Lab File: BF105181.D  
Acq: 9 May 2018 8:15

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion: 45 Resp: 248  
Ion Ratio Lower Upper  
45 100  
77 0.0 0.0 32.9  
79 0.0 0.0 29.6

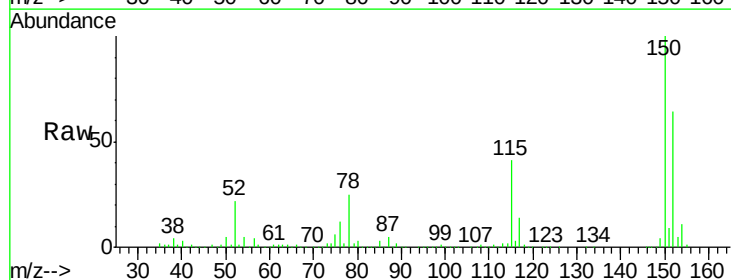


Abundance Ion 45.00 (44.70 to 45.70): BF1  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

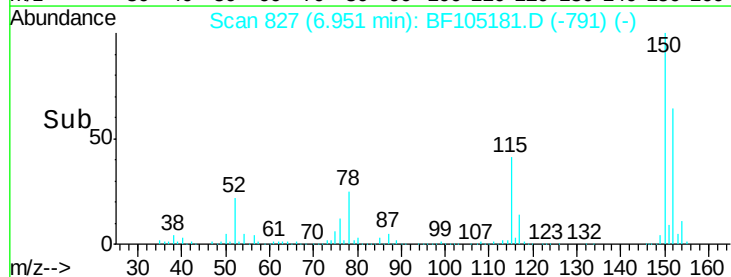
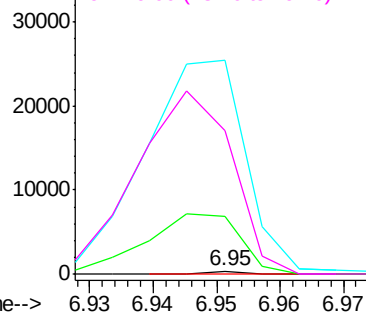


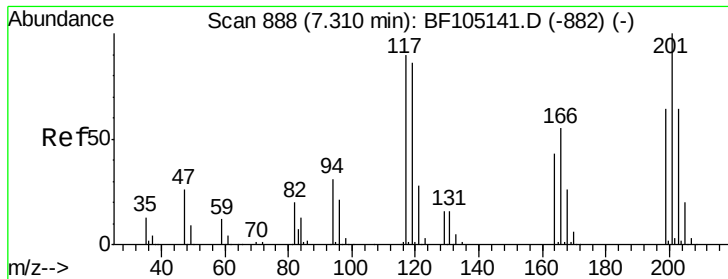
#17  
2-Methylphenol  
Concen: 0.008 ng  
RT: 6.95 min Scan# 827  
Delta R.T. -0.09 min  
Lab File: BF105181.D  
Acq: 9 May 2018 8:15

Tgt Ion: 107 Resp: 109  
Ion Ratio Lower Upper  
107 100  
108 2212.3 91.7 137.5#  
77 8203.9 33.8 50.8#  
79 5525.2 33.8 50.8#



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





#18

Hexachloroethane

Concen: 0.060 ng

RT: 7.33 min Scan# 891

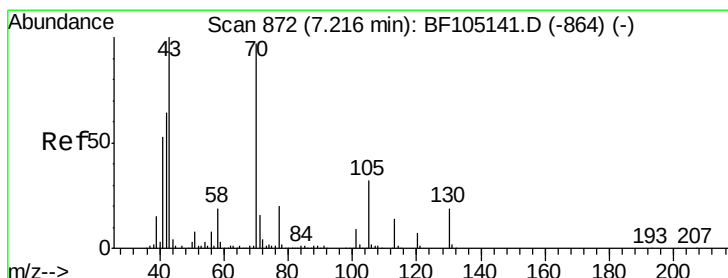
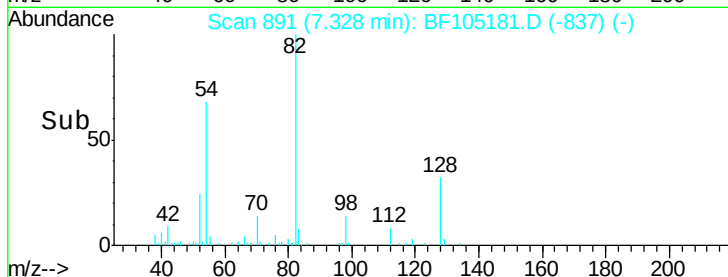
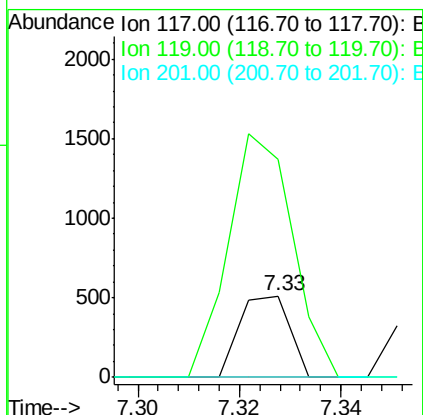
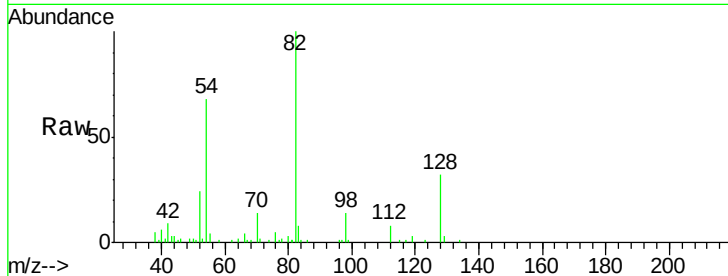
Delta R.T. 0.02 min

Lab File: BF105181.D

Acq: 9 May 2018 8:15

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:117 Resp: 352  
Ion Ratio Lower Upper  
117 100  
119 268.7 75.8 113.8#  
201 0.0 75.7 113.5#



#19

n-Nitroso-di-n-propylamine

Concen: 17.434 ng

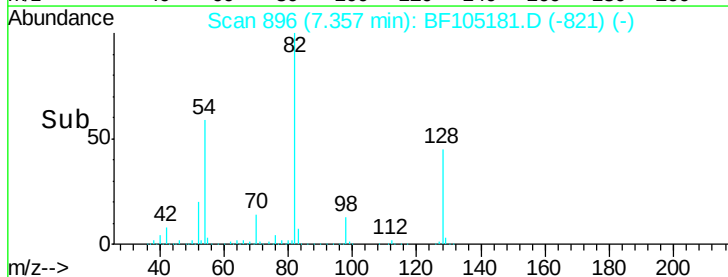
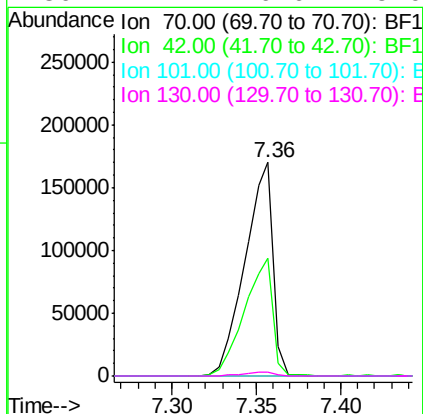
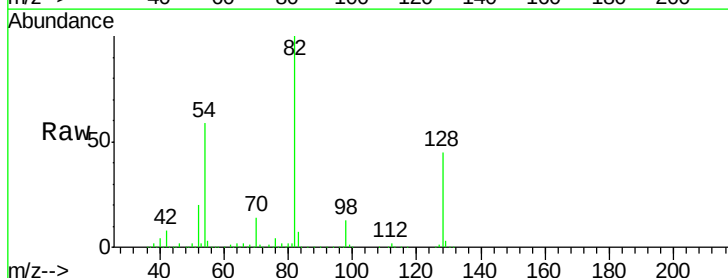
RT: 7.36 min Scan# 896

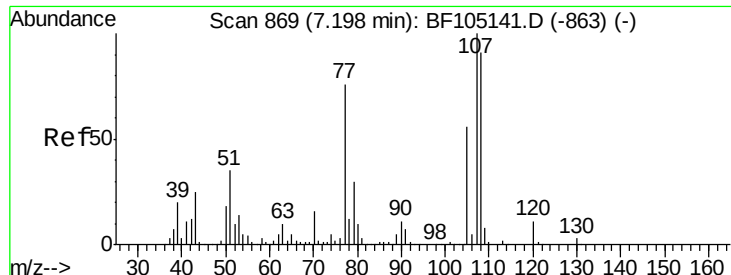
Delta R.T. 0.14 min

Lab File: BF105181.D

Acq: 9 May 2018 8:15

Tgt Ion: 70 Resp: 195810  
Ion Ratio Lower Upper  
70 100  
42 54.9 47.5 71.3  
101 0.0 7.4 11.2#  
130 2.1 16.6 25.0#





#20

3+4-Methylphenols

Concen: 0.007 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.25 min

Lab File: BF105181.D

Acq: 9 May 2018 8:15

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:107 Resp: 109

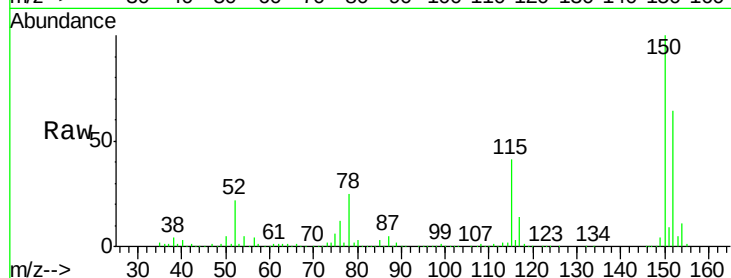
Ion Ratio Lower Upper

107 100

108 2212.3 68.2 108.2#

77 8203.9 26.7 66.7#

79 5525.2 6.3 46.3#



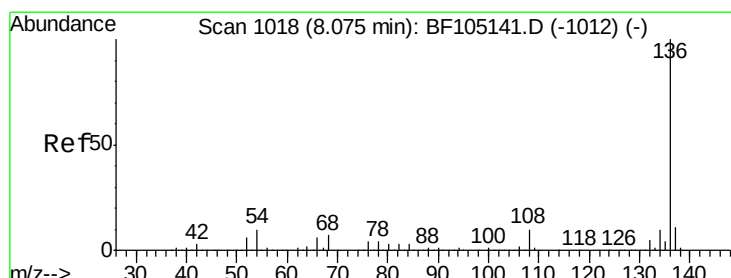
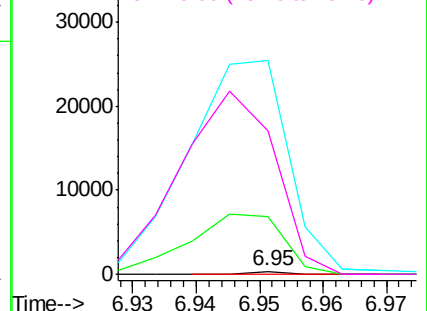
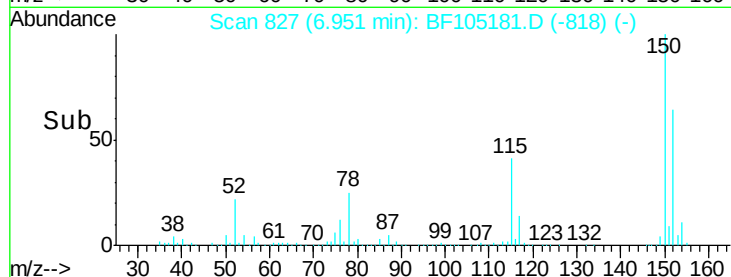
Abundance

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: BF105181.D

Acq: 9 May 2018 8:15

Tgt Ion:136 Resp: 938630

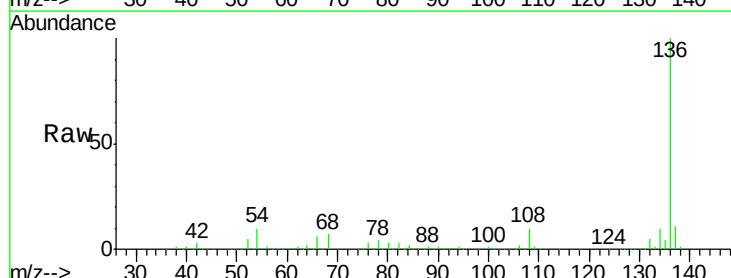
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.9 6.6 9.8#

68 6.5 5.0 7.4



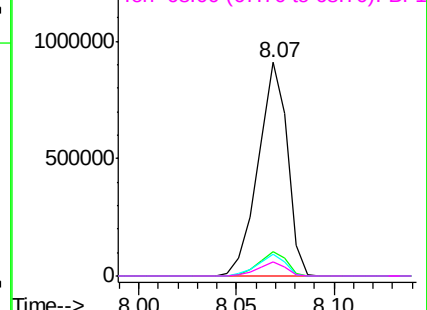
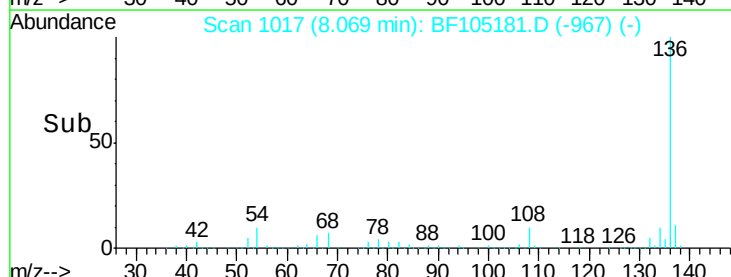
Abundance

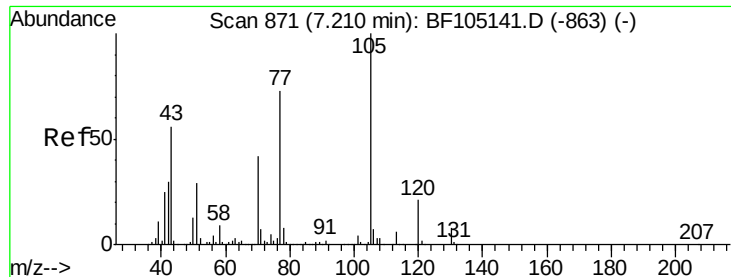
Ion 136.00 (135.70 to 136.70): E

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

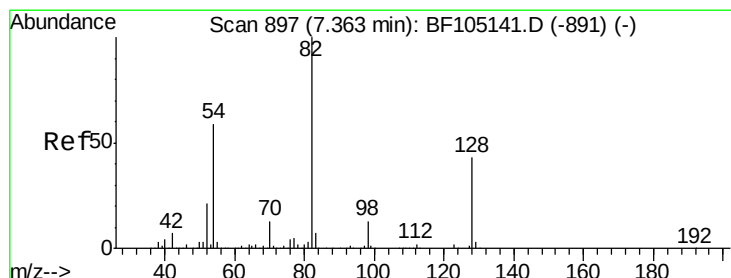
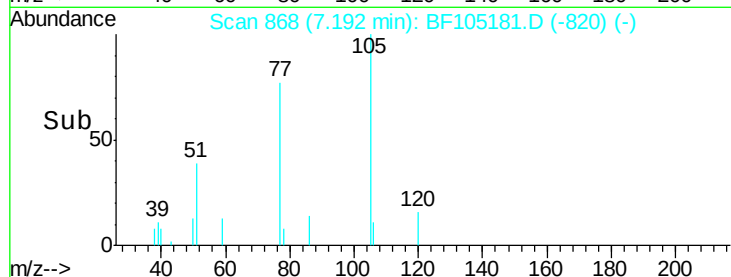
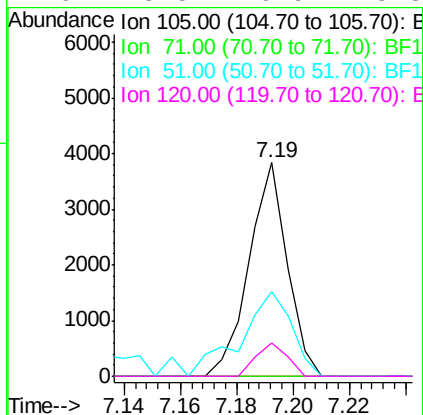
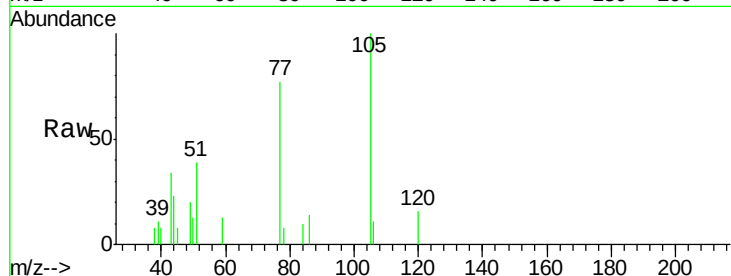




#22  
Acetophenone  
Concen: 0.164 ng  
RT: 7.19 min Scan# 868  
Delta R.T. -0.02 min  
Lab File: BF105181.D  
Acq: 9 May 2018 8:15

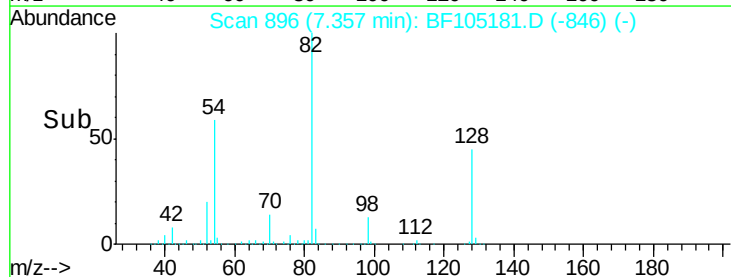
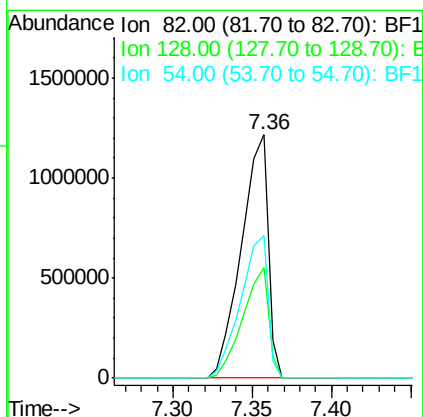
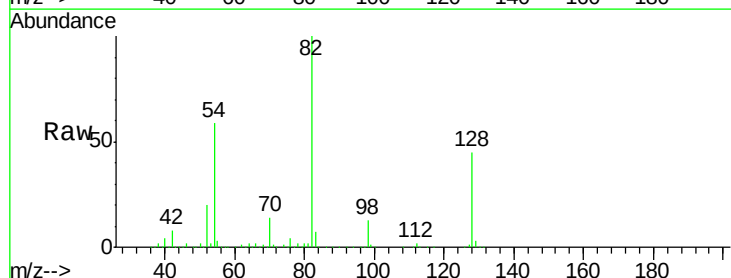
Instrument :  
BNA\_F  
ClientSampleId :

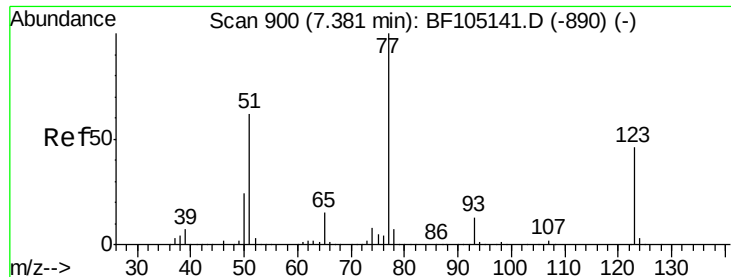
Tot Ion:105 Resp: 3595  
Ion Ratio Lower Upper  
105 100  
71 0.0 4.4 6.6#  
51 39.5 22.3 33.5#  
120 15.5 16.9 25.3#



#23  
Nitrobenzene-d5  
Concen: 102.297 ng  
RT: 7.36 min Scan# 896  
Delta R.T. -0.01 min  
Lab File: BF105181.D  
Acq: 9 May 2018 8:15

Tgt Ion: 82 Resp: 1416763  
Ion Ratio Lower Upper  
82 100  
128 45.3 36.1 54.1  
54 58.6 41.4 62.2





#24

Nitrobenzene

Concen: 0.301 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.03 min

Lab File: BF105181.D

Acq: 9 May 2018 8:15

Instrument :

BNA\_F

ClientSampleId :

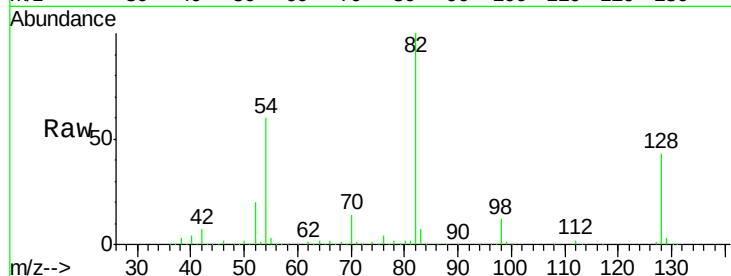
Tot Ion: 77 Resp: 4719

Ion Ratio Lower Upper

77 100

123 0.0 37.9 56.9#

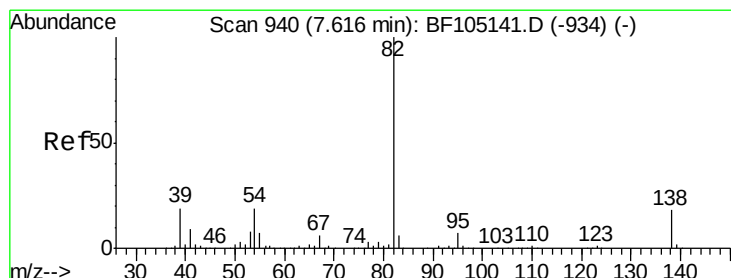
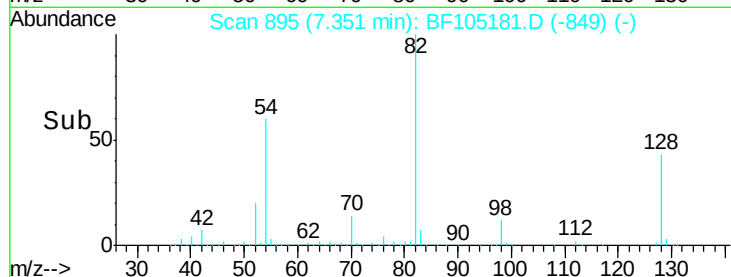
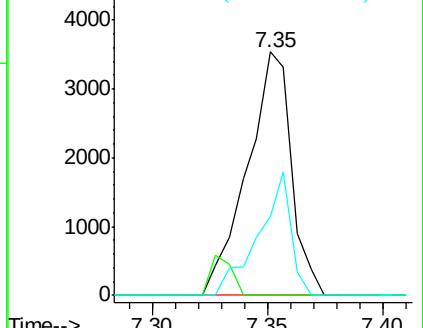
65 32.2 11.0 16.4#



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: 45.689 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF105181.D

Acq: 9 May 2018 8:15

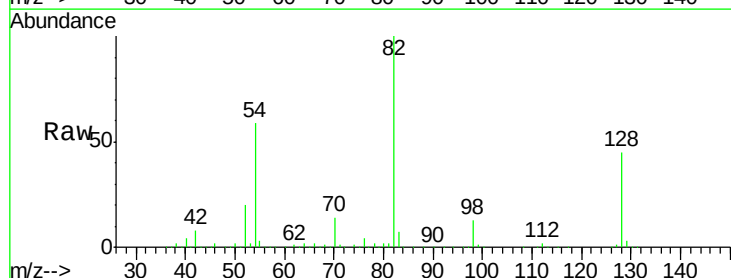
Tgt Ion: 82 Resp: 1415118

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

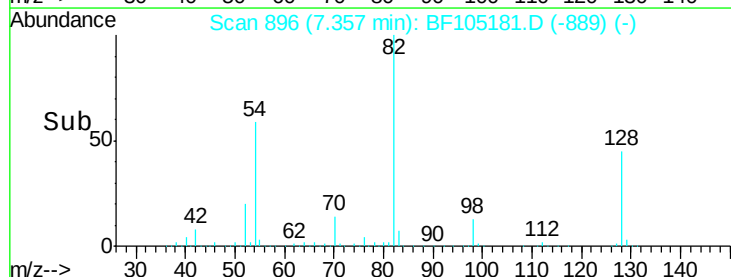
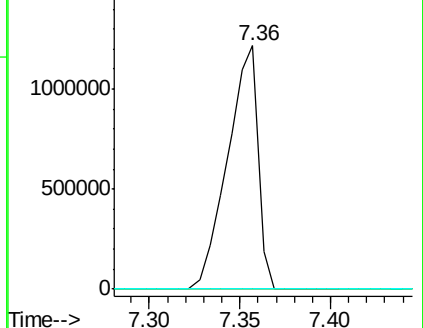
138 0.0 14.9 22.3#

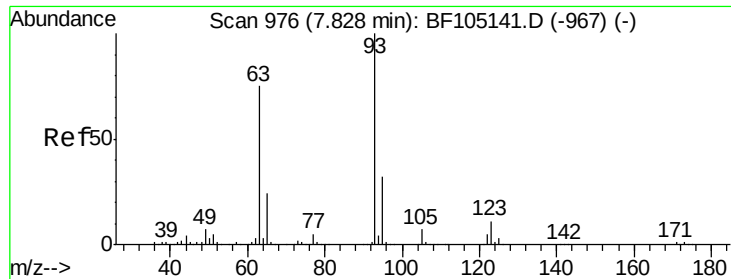


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

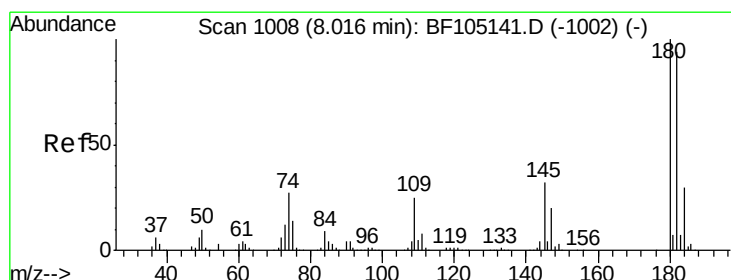
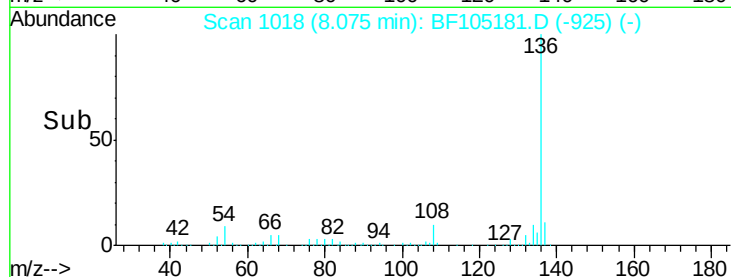
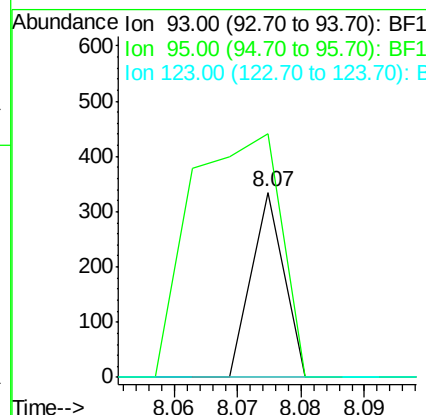
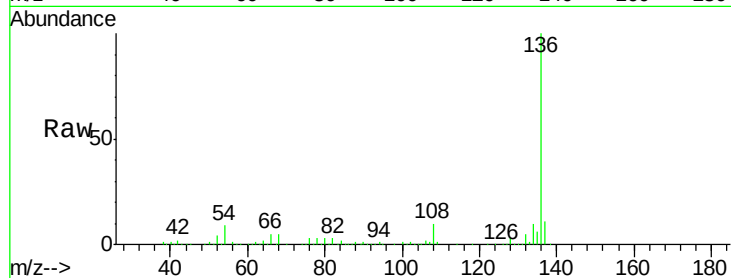




#28  
bis(2-Chloroethoxy)methane  
Concen: 0.006 ng  
RT: 8.07 min Scan# 1018  
Delta R.T. 0.25 min  
Lab File: BF105181.D  
Acq: 9 May 2018 8:15

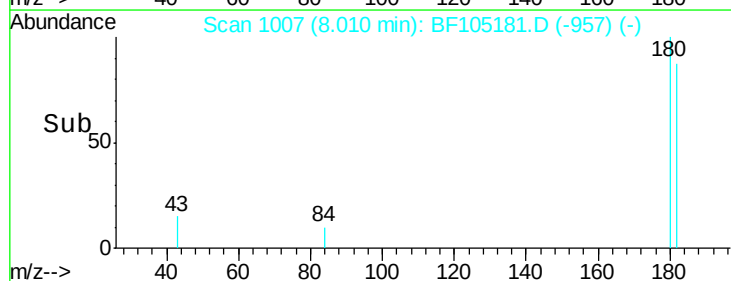
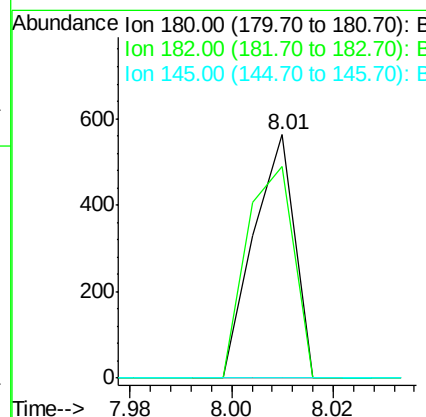
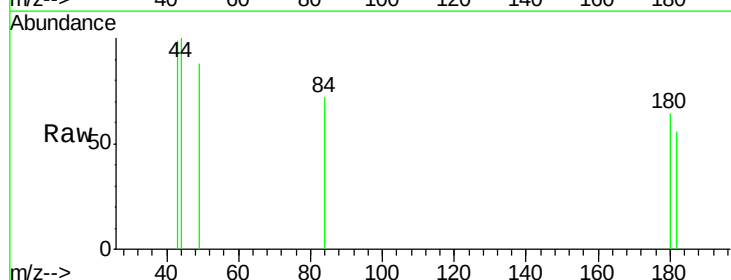
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion: 93 Resp: 118  
Ion Ratio Lower Upper  
93 100  
95 131.6 26.3 39.5#  
123 0.0 9.8 14.6#

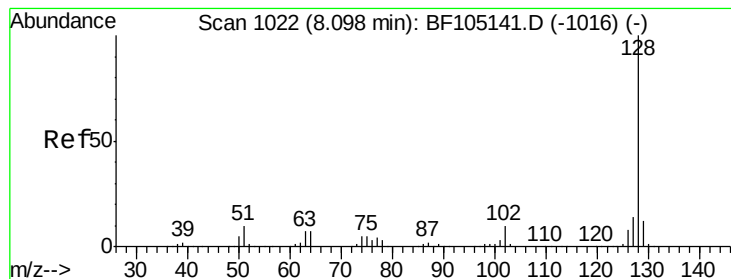


#30  
1,2,4-Trichlorobenzene  
Concen: 0.021 ng  
RT: 8.01 min Scan# 1007  
Delta R.T. -0.01 min  
Lab File: BF105181.D  
Acq: 9 May 2018 8:15

Tgt Ion: 180 Resp: 315  
Ion Ratio Lower Upper  
180 100  
182 86.7 76.8 115.2  
145 0.0 26.5 39.7#







#31

Naphthalene

Concen: 4.235 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF105181.D

Acq: 9 May 2018 8:15

Instrument :

BNA\_F

ClientSampleId :

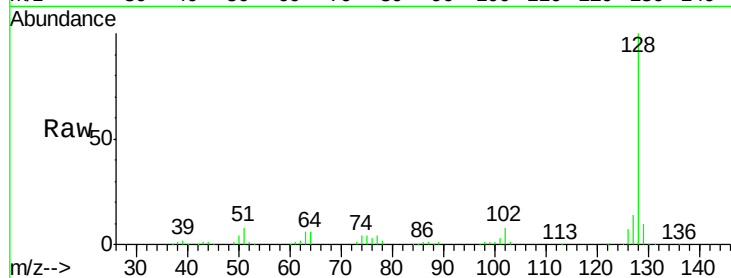
Tot Ion:128 Resp: 191409

Ion Ratio Lower Upper

128 100

129 10.5 8.8 13.2

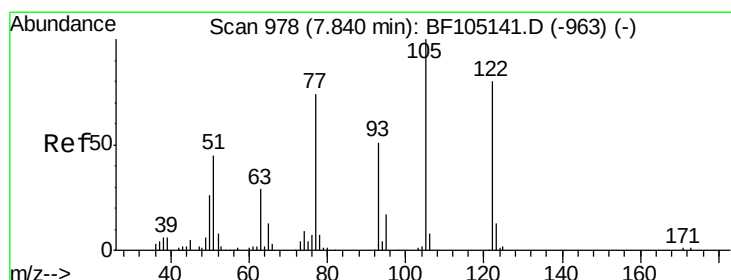
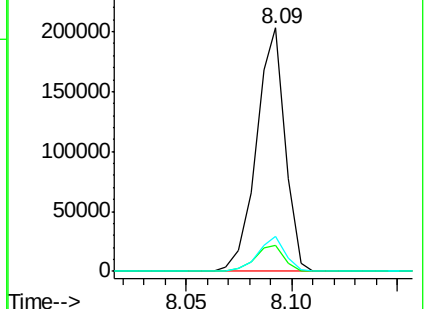
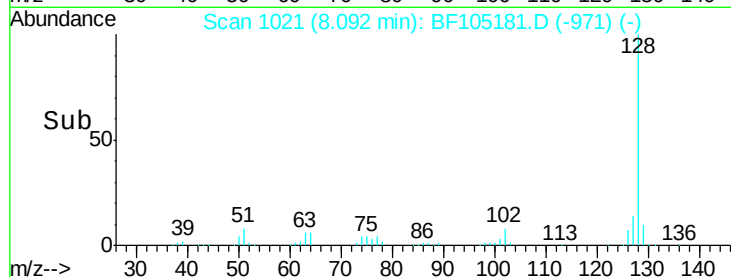
127 14.1 10.9 16.3



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: 9.197 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.25 min

Lab File: BF105181.D

Acq: 9 May 2018 8:15

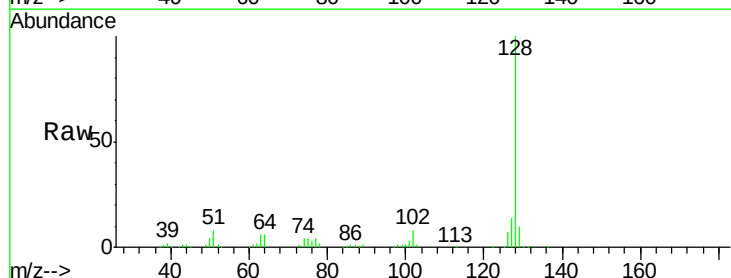
Tgt Ion:122 Resp: 457

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

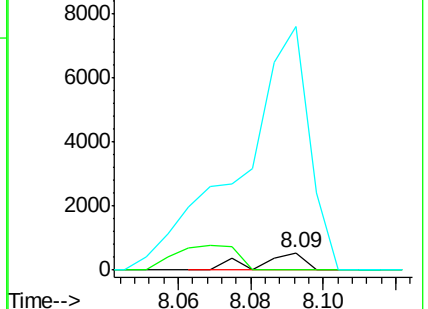
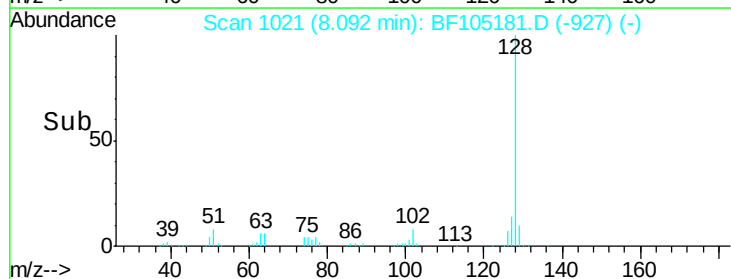
77 1403.1 70.7 110.7#

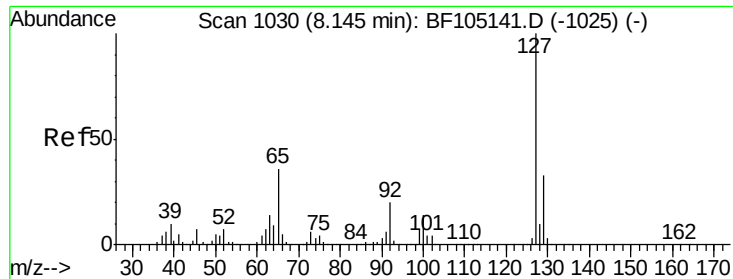


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

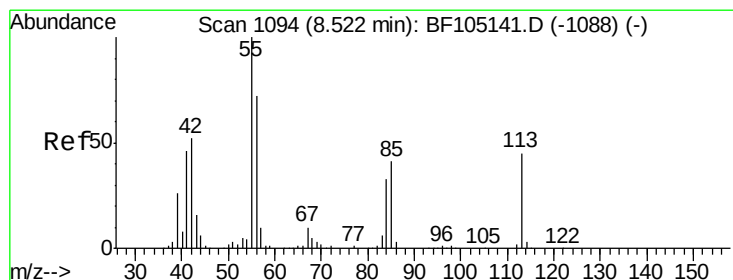
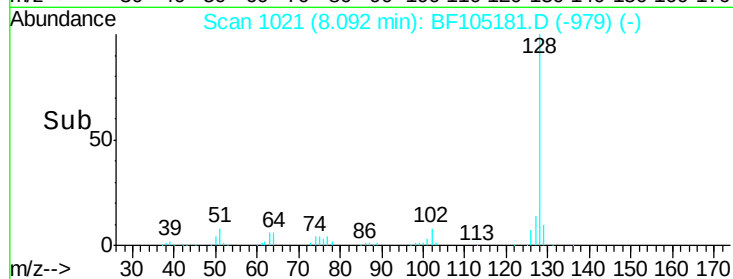
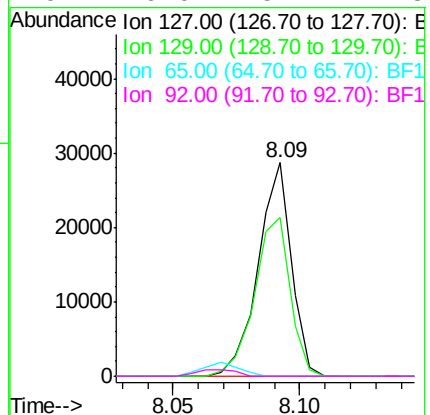
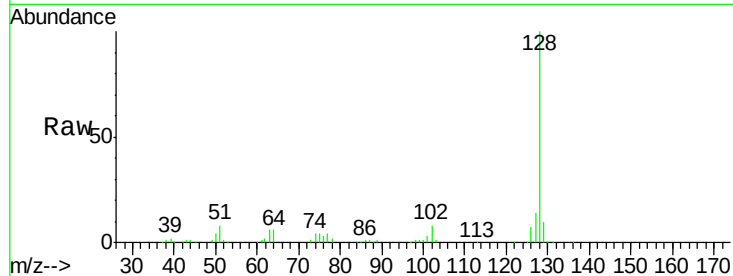




#33  
4-Chloroaniline  
Concen: 1.395 ng  
RT: 8.09 min Scan# 1021  
Delta R.T. -0.05 min  
Lab File: BF105181.D  
Acq: 9 May 2018 8:15

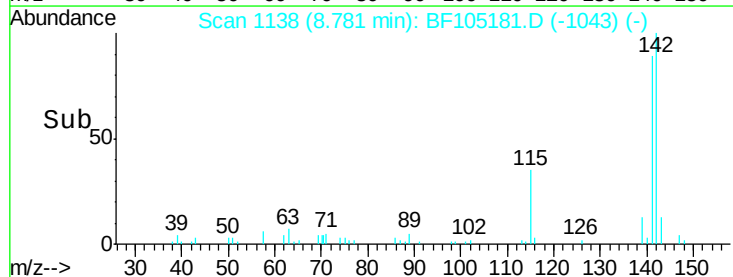
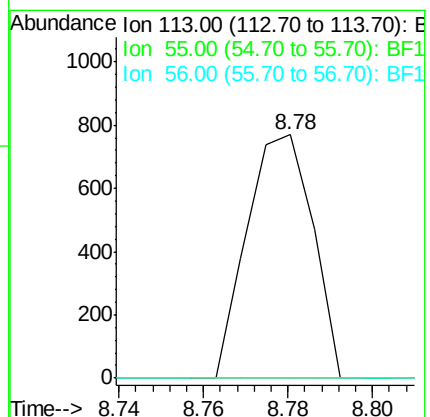
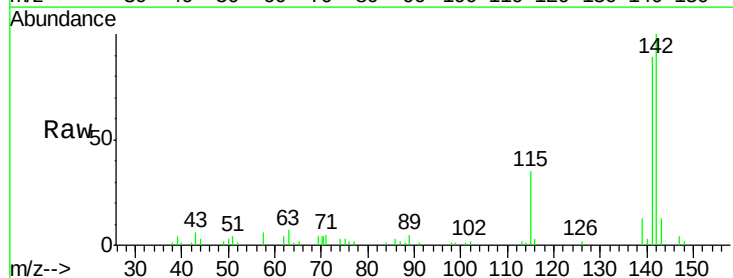
Instrument :  
BNA\_F  
ClientSampleId :

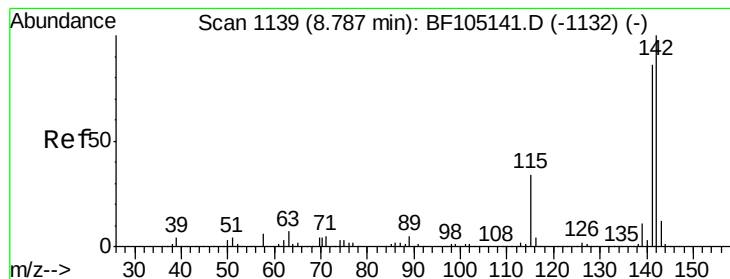
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 26210 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 74.1  | 25.9  | 38.9# |
| 65       | 0.0   | 25.0  | 37.4# |
| 92       | 0.0   | 15.2  | 22.8# |



#35  
Caprolactam  
Concen: 0.212 ng  
RT: 8.78 min Scan# 1138  
Delta R.T. 0.26 min  
Lab File: BF105181.D  
Acq: 9 May 2018 8:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 831    |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 55       | 0.0   | 163.3 | 203.3# |
| 56       | 0.0   | 115.7 | 155.7# |





#37

2-Methylnaphthalene

Concen: 0.906 ng

RT: 8.78 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BF105181.D

Acq: 9 May 2018 8:15

Instrument :

BNA\_F

ClientSampled :

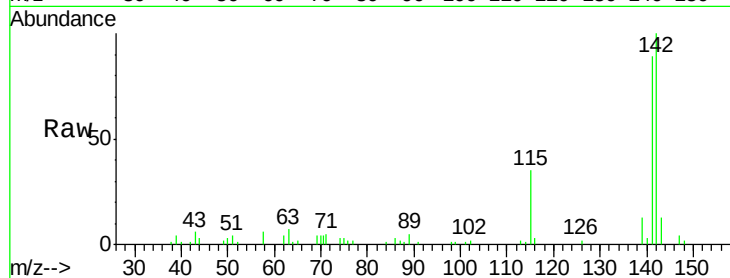
Tot Ion:142 Resp: 28529

Ion Ratio Lower Upper

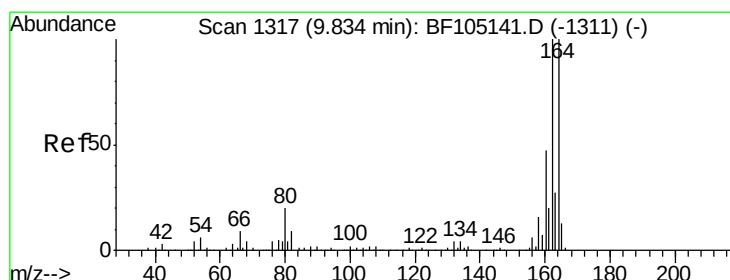
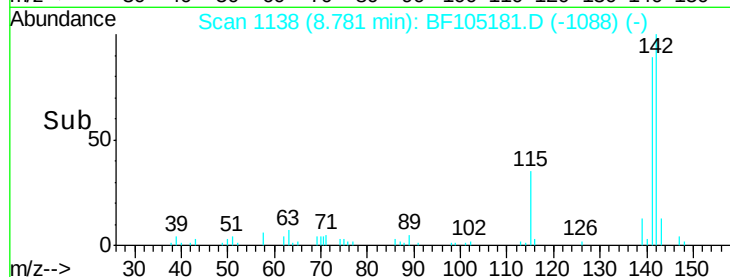
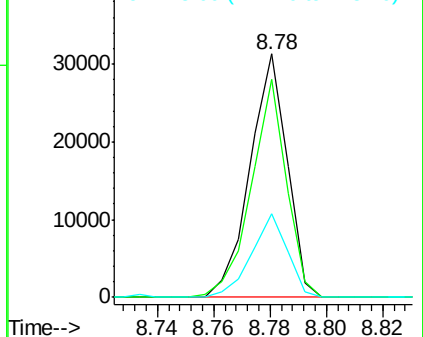
142 100

141 89.4 70.8 106.2

115 34.6 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: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF105181.D

Acq: 9 May 2018 8:15

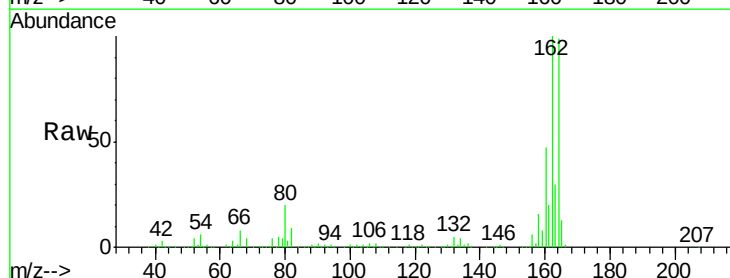
Tgt Ion:164 Resp: 465830

Ion Ratio Lower Upper

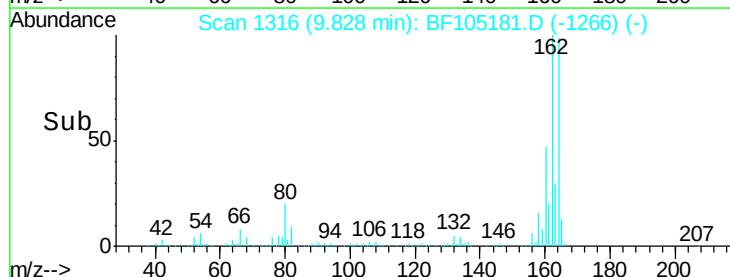
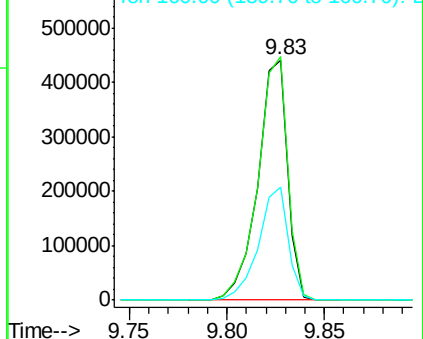
164 100

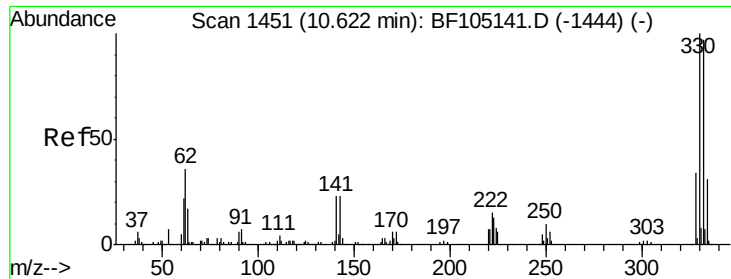
162 101.4 86.1 129.1

160 47.3 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

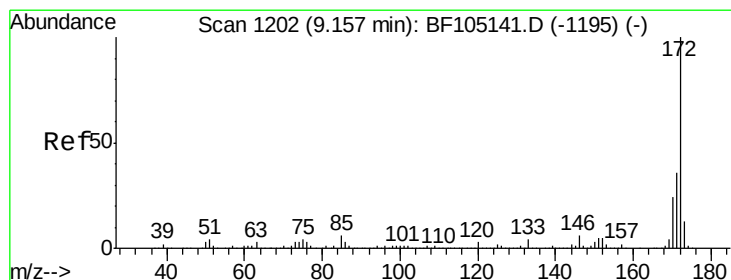
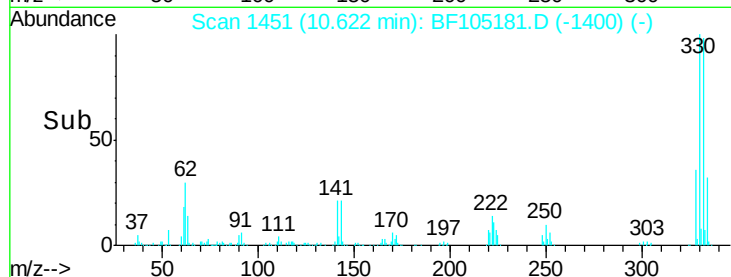
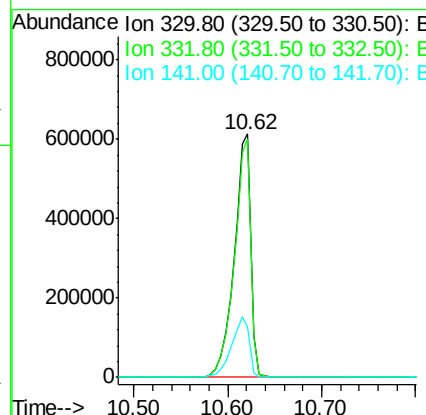
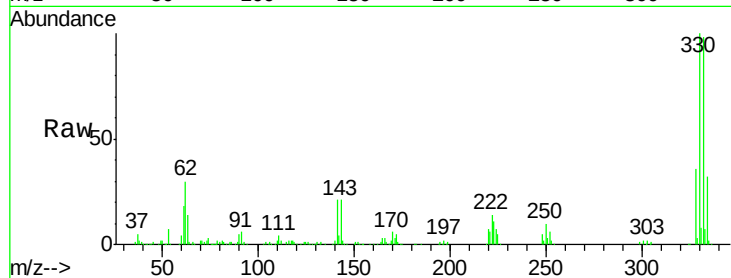




#41  
 2,4,6-Tribromophenol  
 Concen: 145.460 ng  
 RT: 10.62 min Scan# 1451  
 Delta R.T. -0.00 min  
 Lab File: BF105181.D  
 Acq: 9 May 2018 8:15

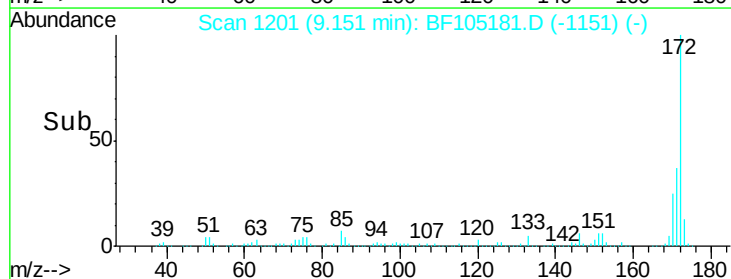
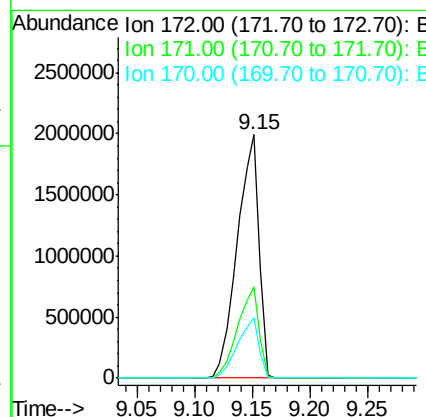
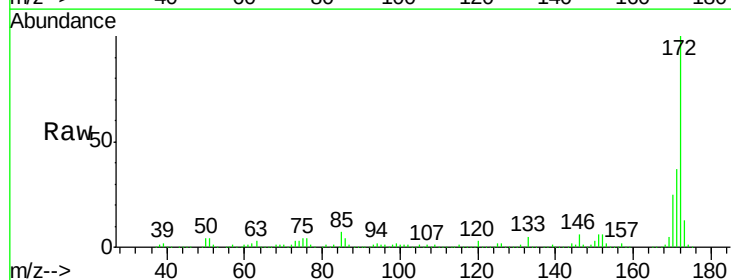
Instrument :  
 BNA\_F  
 ClientSampleId :

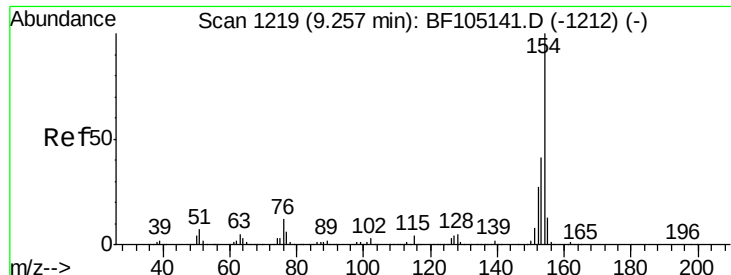
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.0  | 77.0  | 115.6 |
| 141     | 26.6  | 29.9  | 44.9# |



#44  
 2-Fluorobiphenyl  
 Concen: 86.393 ng  
 RT: 9.15 min Scan# 1201  
 Delta R.T. -0.01 min  
 Lab File: BF105181.D  
 Acq: 9 May 2018 8:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.4  | 29.7  | 44.5  |
| 170     | 24.7  | 19.6  | 29.4  |

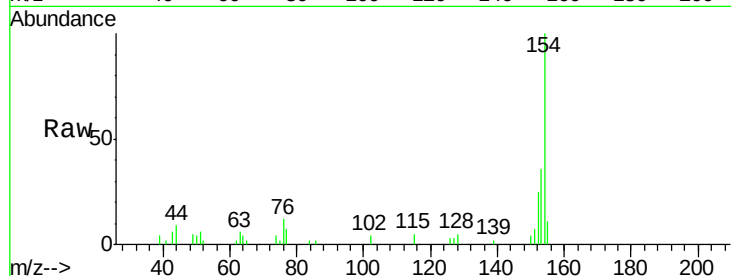




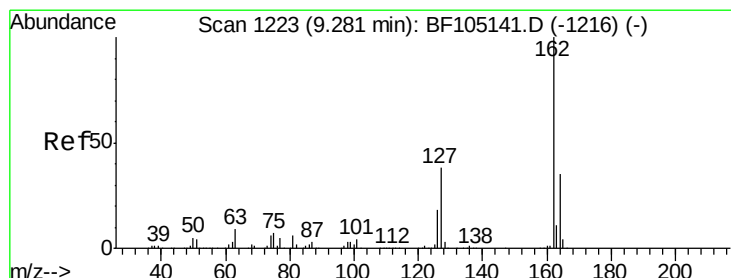
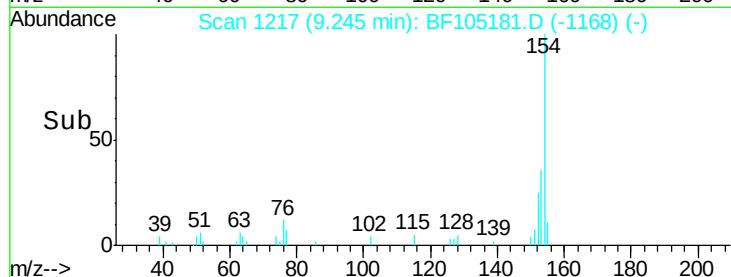
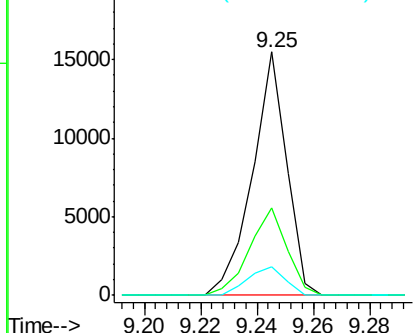
#45  
 1,1'-Biphenyl  
 Concen: 0.344 ng  
 RT: 9.25 min Scan# 1217  
 Delta R.T. -0.01 min  
 Lab File: BF105181.D  
 Acq: 9 May 2018 8:15

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 36.0  | 21.3  | 61.3  |
| 76      | 11.7  | 0.0   | 34.0  |

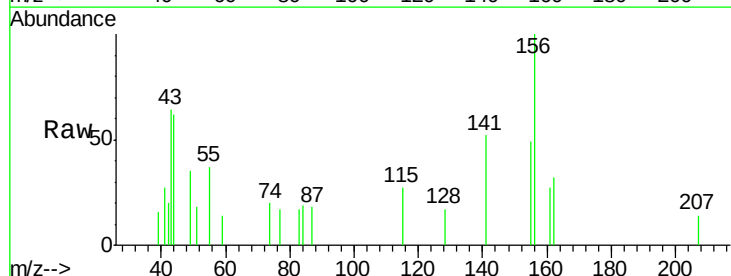


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF1

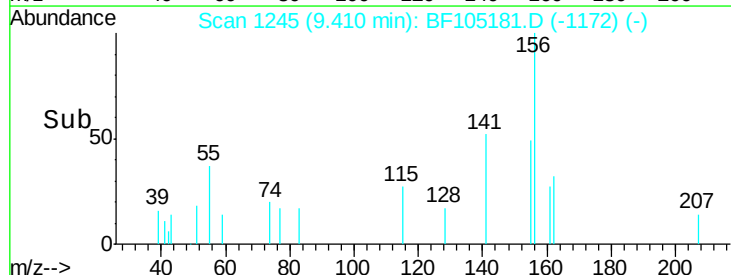
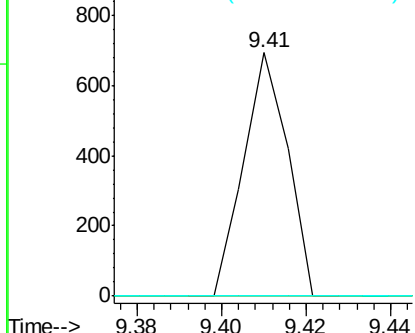


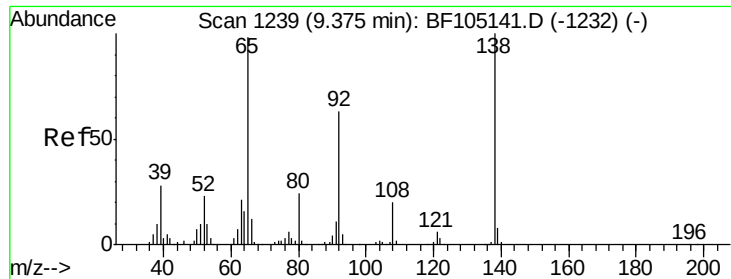
#46  
 2-Chloronaphthalene  
 Concen: 0.018 ng  
 RT: 9.41 min Scan# 1245  
 Delta R.T. 0.13 min  
 Lab File: BF105181.D  
 Acq: 9 May 2018 8:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 0.0   | 33.9  | 50.9# |
| 164     | 0.0   | 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

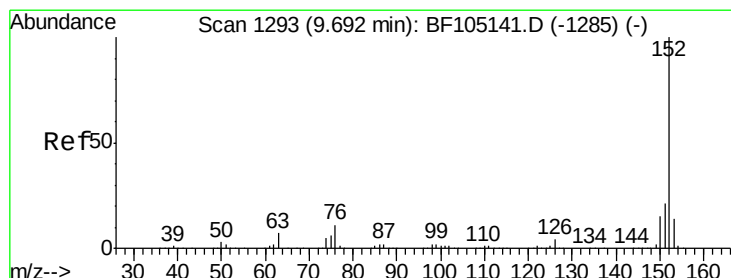
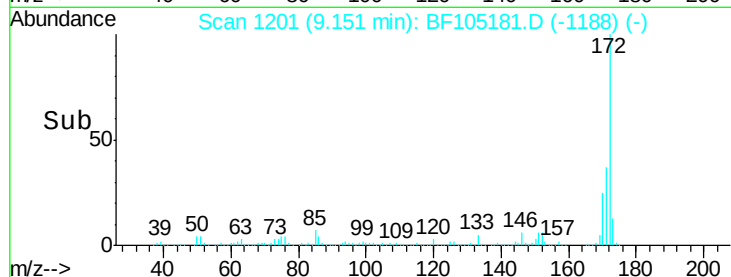
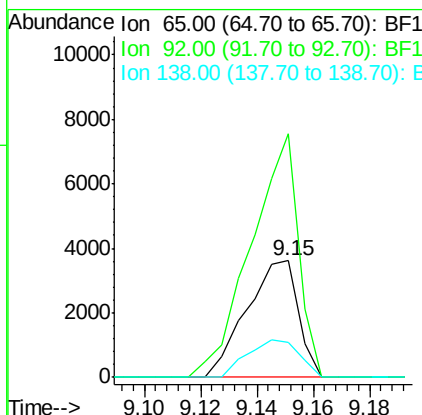
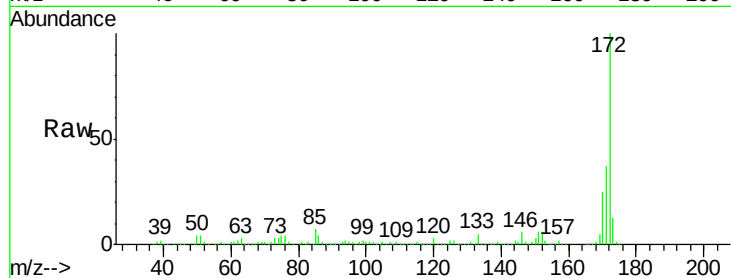




#47  
2-Nitroaniline  
Concen: 6.295 ng  
RT: 9.15 min Scan# 1201  
Delta R.T. -0.22 min  
Lab File: BF105181.D  
Acq: 9 May 2018 8:15

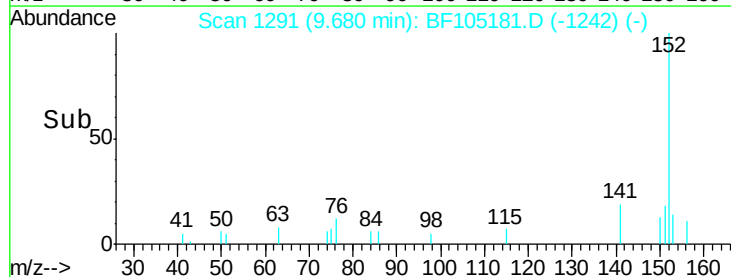
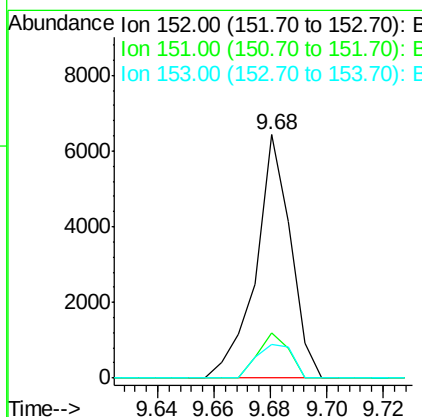
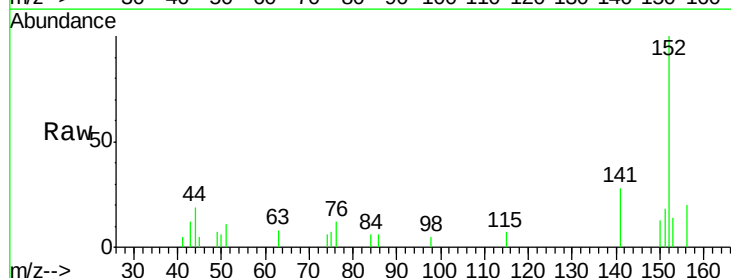
Instrument :  
BNA\_F  
ClientSampleId :

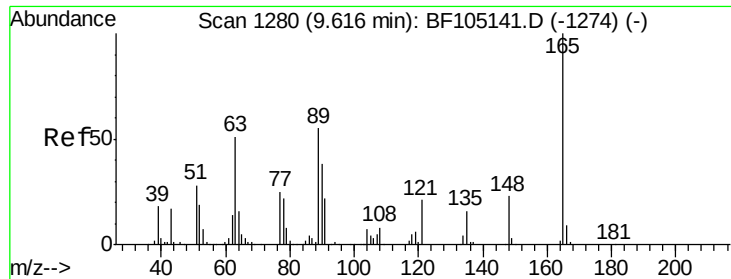
Tot Ion: 65 Resp: 4607  
Ion Ratio Lower Upper  
65 100  
92 208.7 55.8 83.6#  
138 30.1 91.2 136.8#



#48  
Acenaphthylene  
Concen: 0.125 ng  
RT: 9.68 min Scan# 1291  
Delta R.T. -0.01 min  
Lab File: BF105181.D  
Acq: 9 May 2018 8:15

Tgt Ion: 152 Resp: 5488  
Ion Ratio Lower Upper  
152 100  
151 18.5 16.3 24.5  
153 13.6 10.7 16.1

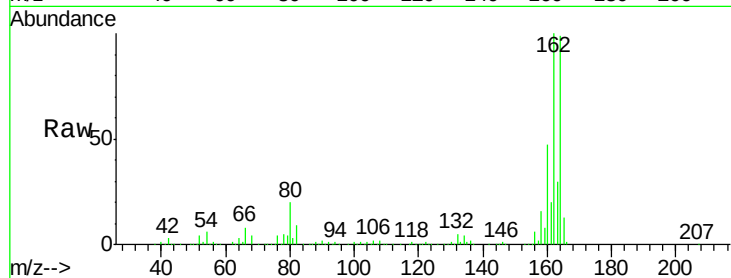




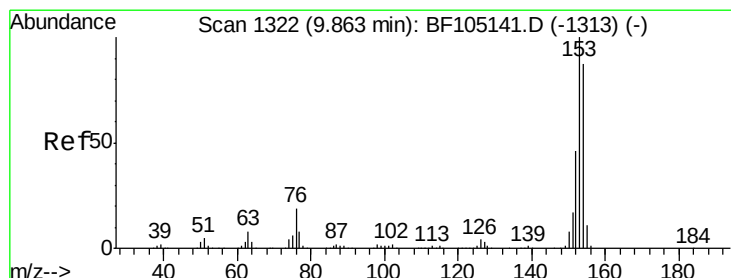
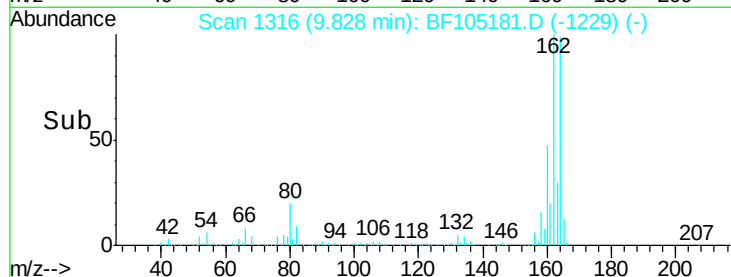
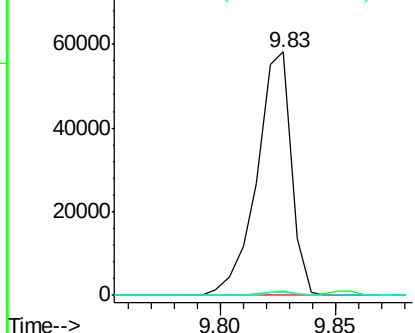
#50  
2,6-Dinitrotoluene  
Concen: 8.850 ng  
RT: 9.83 min Scan# 1316  
Delta R.T. 0.21 min  
Lab File: BF105181.D  
Acq: 9 May 2018 8:15

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 1.6   | 44.7  | 67.1# |
| 89      | 1.1   | 44.0  | 66.0# |

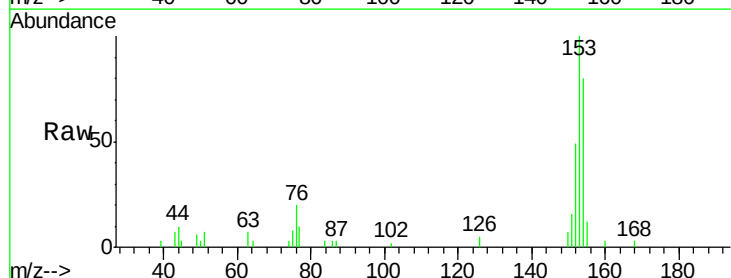


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1

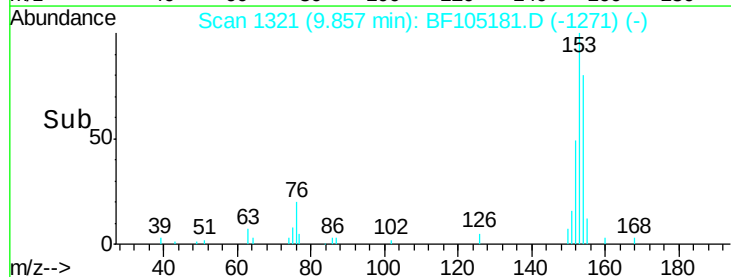
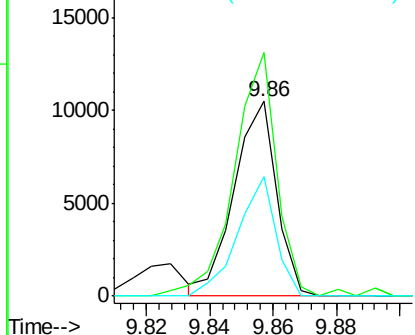


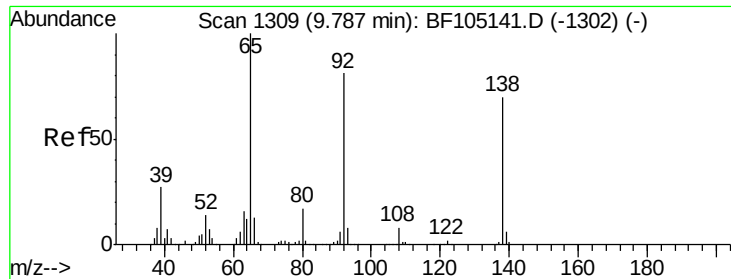
#51  
Acenaphthene  
Concen: 0.342 ng  
RT: 9.86 min Scan# 1321  
Delta R.T. -0.01 min  
Lab File: BF105181.D  
Acq: 9 May 2018 8:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 125.3 | 91.2  | 136.8 |
| 152     | 61.2  | 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

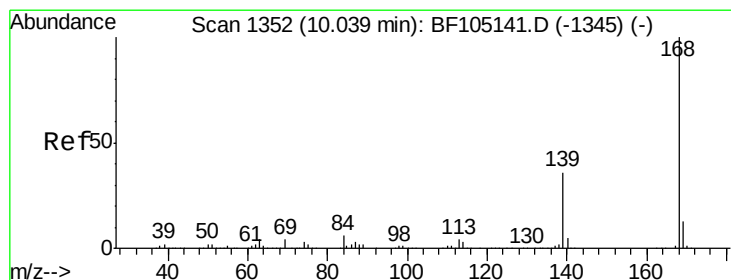
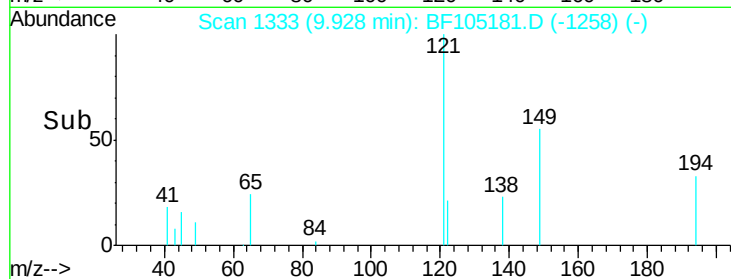
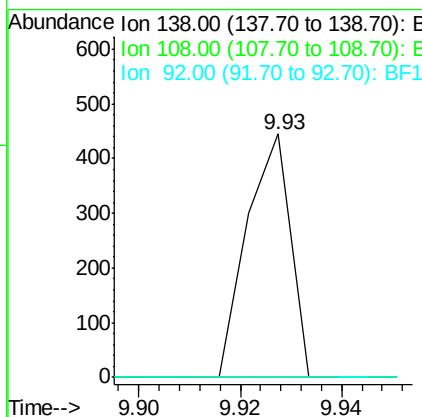
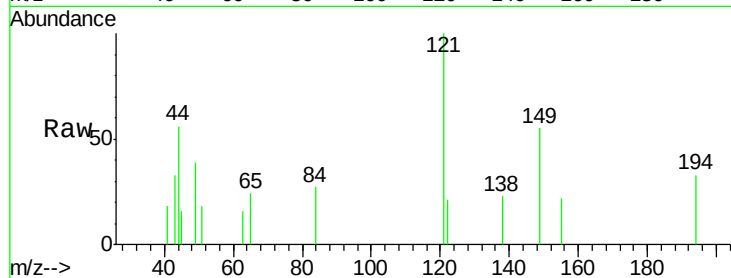




#52  
 3-Nitroaniline  
 Concen: 0.036 ng  
 RT: 9.93 min Scan# 1333  
 Delta R.T. 0.14 min  
 Lab File: BF105181.D  
 Acq: 9 May 2018 8:15

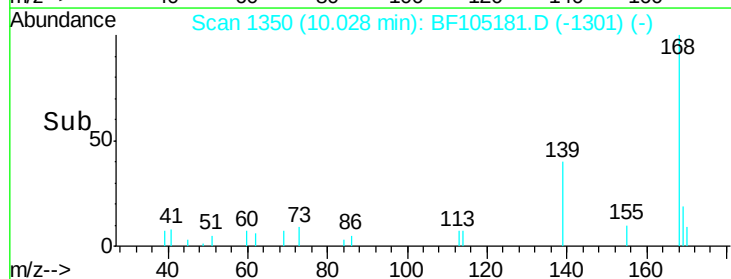
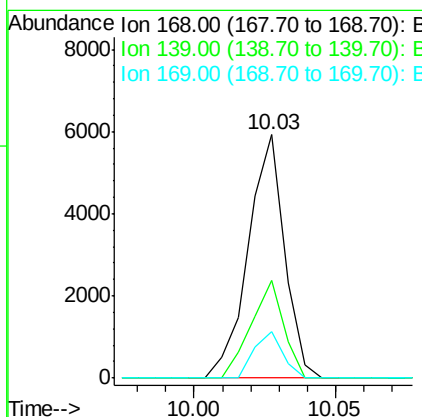
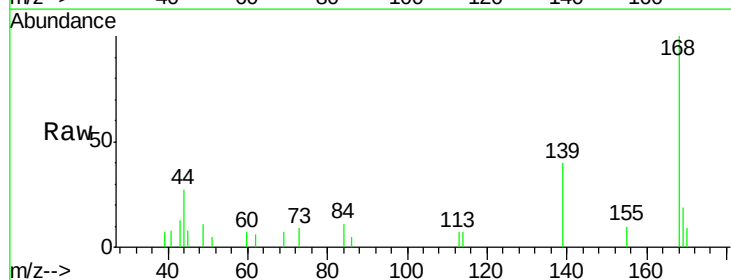
Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:138 Resp: 263  
 Ion Ratio Lower Upper  
 138 100  
 108 0.0 9.4 14.0#  
 92 0.0 89.4 134.2#

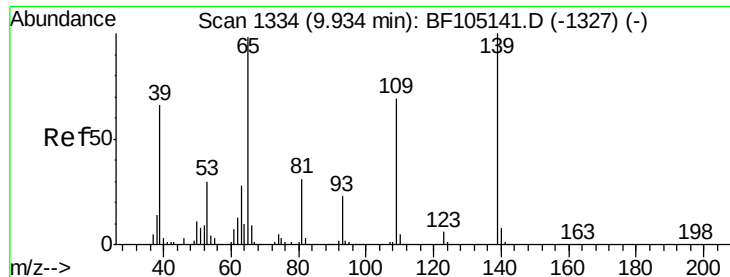


#54  
 Dibenzofuran  
 Concen: 0.128 ng  
 RT: 10.03 min Scan# 1350  
 Delta R.T. -0.01 min  
 Lab File: BF105181.D  
 Acq: 9 May 2018 8:15

Tgt Ion:168 Resp: 5287  
 Ion Ratio Lower Upper  
 168 100  
 139 40.3 30.1 45.1  
 169 19.3 10.9 16.3#







#55

4-Nitrophenol

Concen: 4.578 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.09 min

Lab File: BF105181.D

Acq: 9 May 2018 8:15

Instrument :

BNA\_F

ClientSampleId :

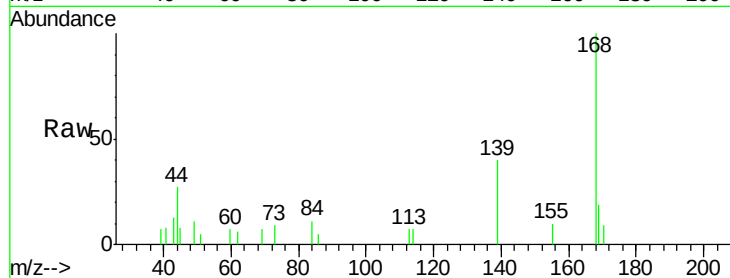
Tot Ion:139 Resp: 1907

Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

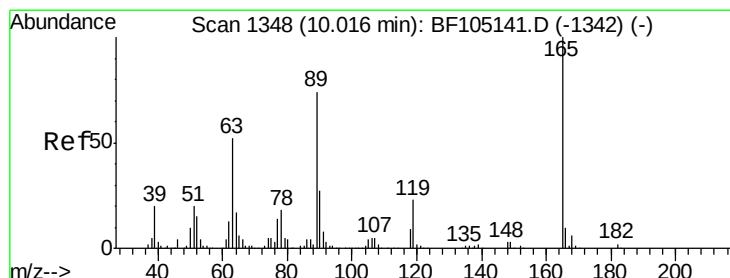
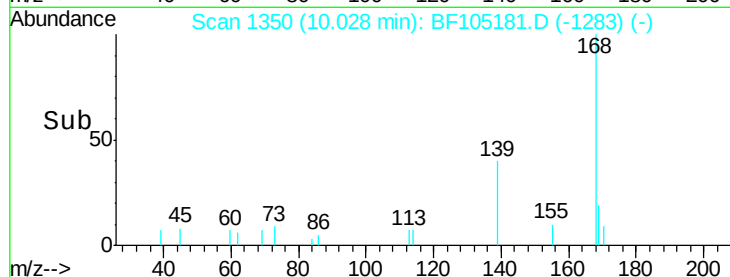
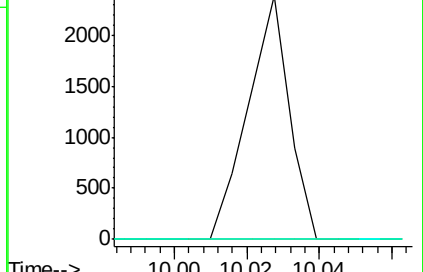
65 0.0 72.6 112.6#



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: 9.764 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.19 min

Lab File: BF105181.D

Acq: 9 May 2018 8:15

Tgt Ion:165 Resp: 60558

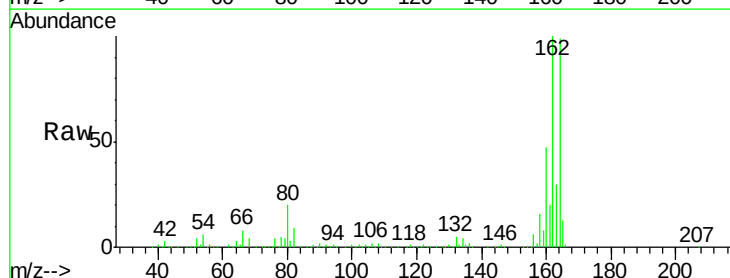
Ion Ratio Lower Upper

165 100

63 1.6 36.4 54.6#

89 1.1 57.8 86.6#

182 0.0 1.6 2.4#

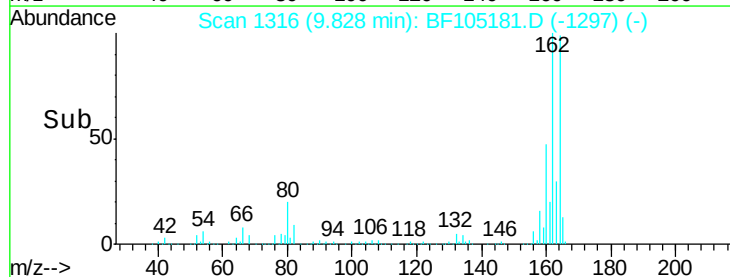
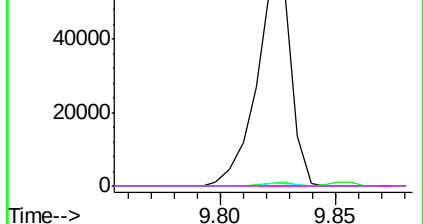


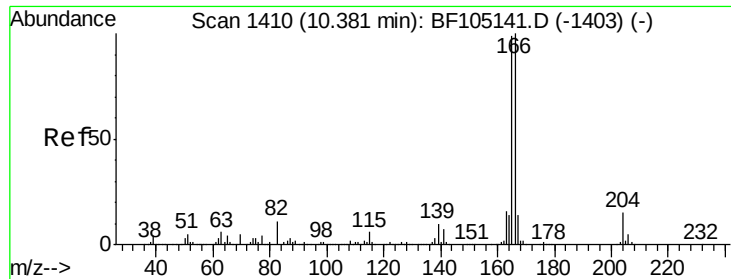
Abundance Ion 165.00 (164.70 to 165.70): E

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

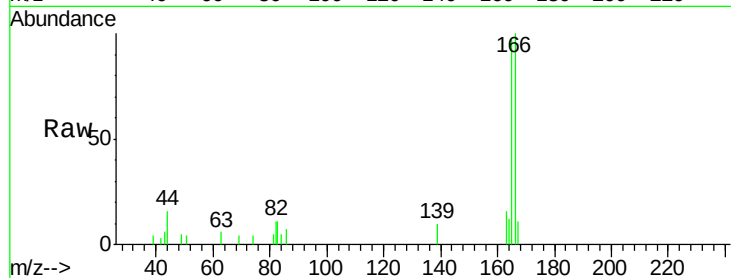




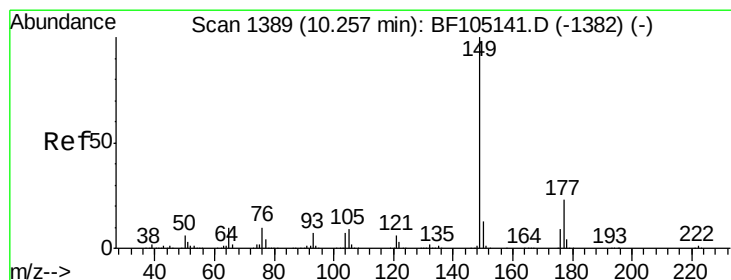
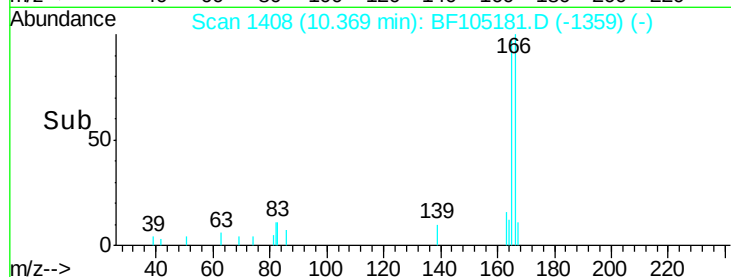
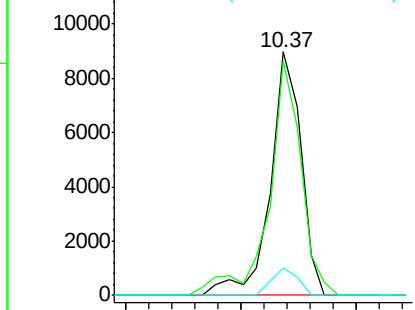
#57  
Fluorene  
Concen: 0.275 ng  
RT: 10.37 min Scan# 1408  
Delta R.T. -0.01 min  
Lab File: BF105181.D  
Acq: 9 May 2018 8:15

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:166 Resp: 8319  
Ion Ratio Lower Upper  
166 100  
165 96.6 79.8 119.8  
167 11.0 10.6 16.0

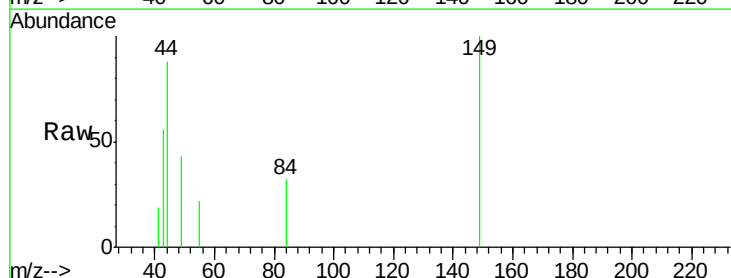


Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E

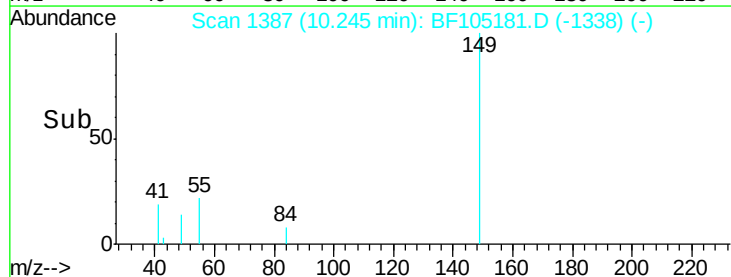
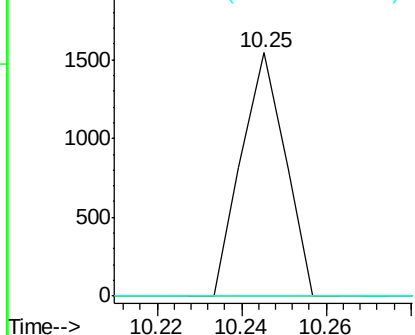


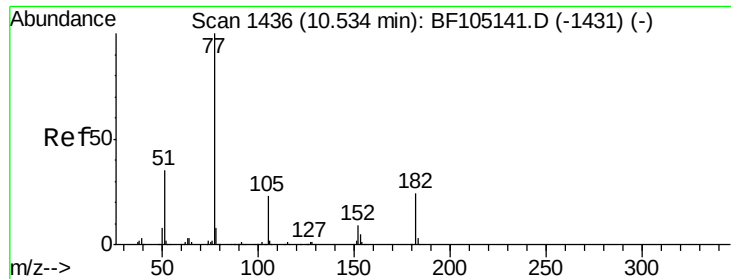
#59  
Diethylphthalate  
Concen: 0.036 ng  
RT: 10.25 min Scan# 1387  
Delta R.T. -0.01 min  
Lab File: BF105181.D  
Acq: 9 May 2018 8:15

Tgt Ion:149 Resp: 1120  
Ion Ratio Lower Upper  
149 100  
177 0.0 16.1 24.1#  
150 0.0 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: 0.097 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.08 min

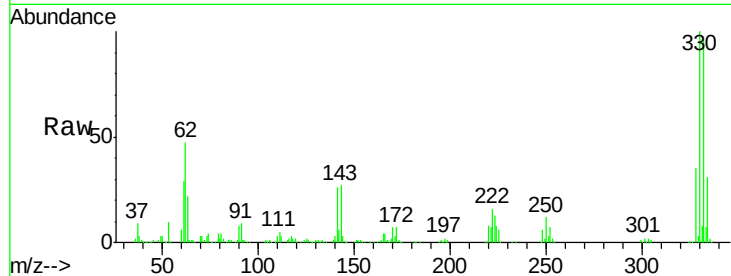
Lab File: BF105181.D

Acq: 9 May 2018 8:15

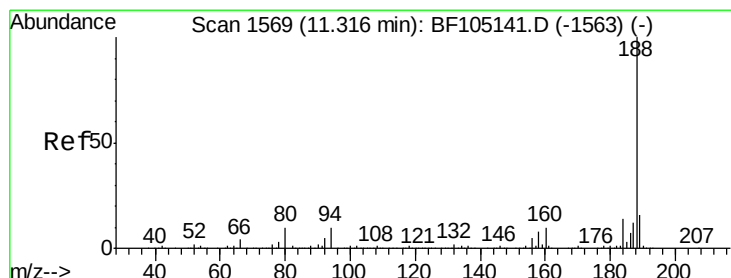
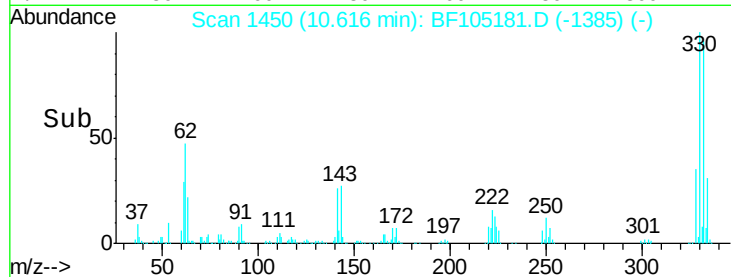
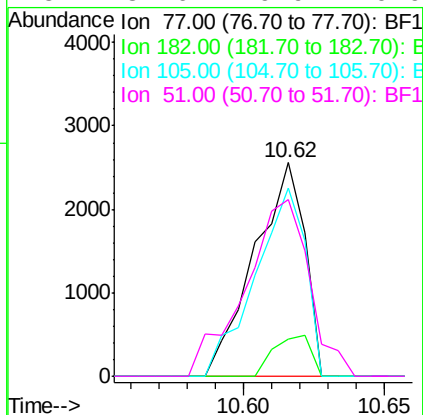
Instrument :

BNA\_F

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 3150  |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 182      | 17.3  | 1.7   | 41.7  |
| 105      | 88.2  | 3.0   | 43.0# |
| 51       | 82.6  | 9.9   | 49.9# |



#63

Phenanthrene-d10

Concen: 20.000 ng

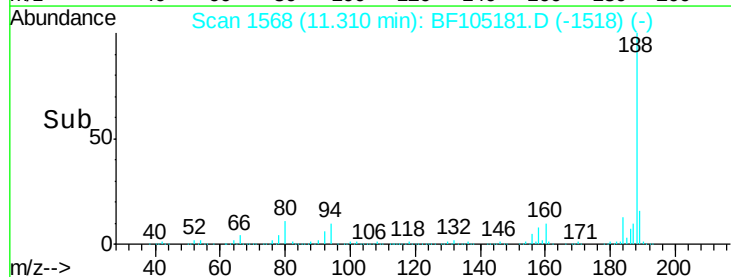
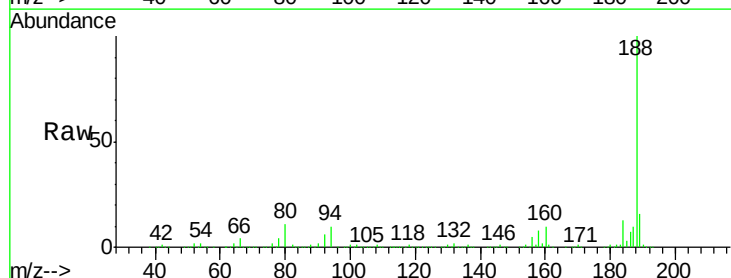
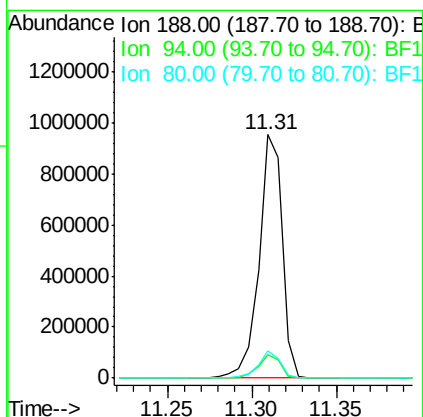
RT: 11.31 min Scan# 1568

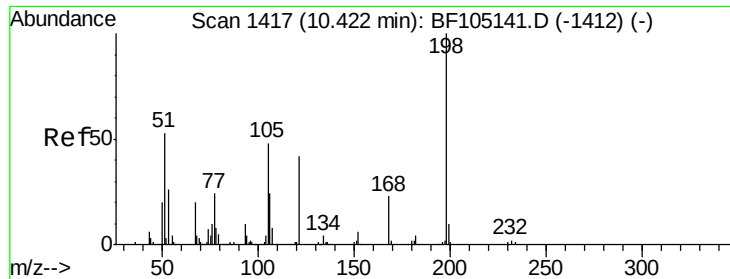
Delta R.T. -0.01 min

Lab File: BF105181.D

Acq: 9 May 2018 8:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 911242 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 9.8   | 8.5   | 12.7   |
| 80       | 11.0  | 9.2   | 13.8   |

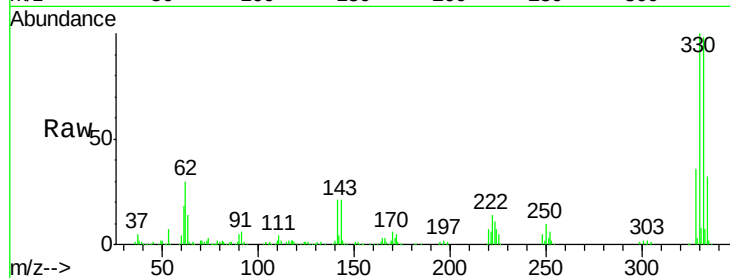




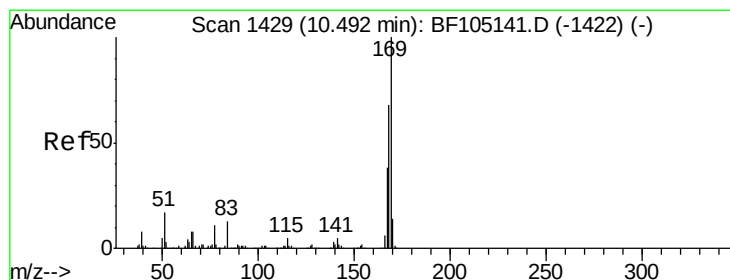
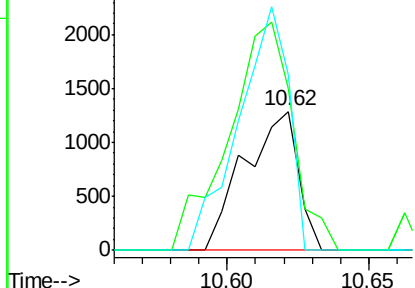
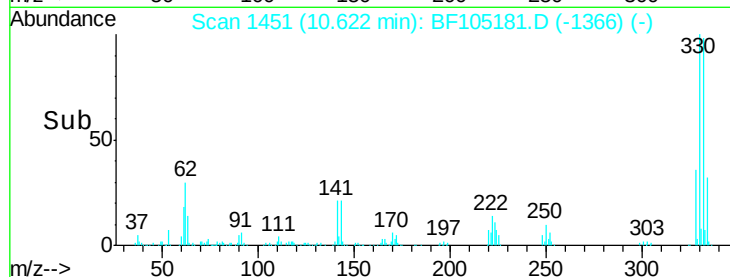
#64  
4,6-Dinitro-2-methylphenol  
Concen: 9.289 ng  
RT: 10.62 min Scan# 1451  
Delta R.T. 0.20 min  
Lab File: BF105181.D  
Acq: 9 May 2018 8:15

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:198 Resp: 1703  
Ion Ratio Lower Upper  
198 100  
51 116.9 37.7 77.7#  
105 126.9 36.3 76.3#

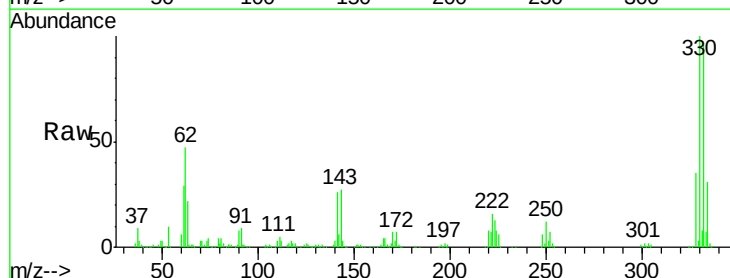


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 105.00 (104.70 to 105.70): E

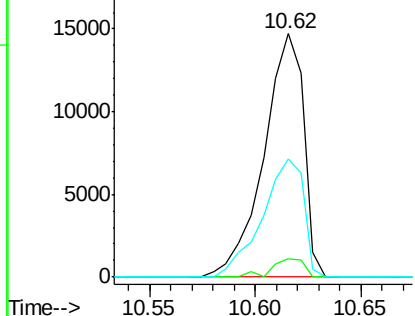
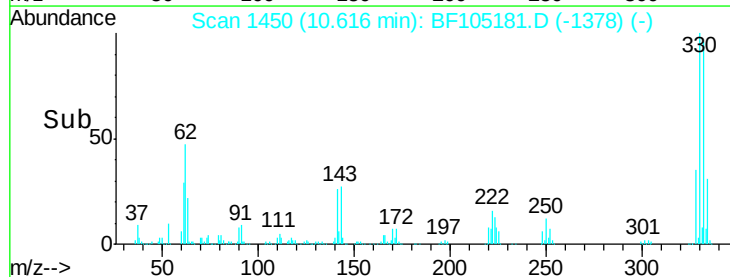


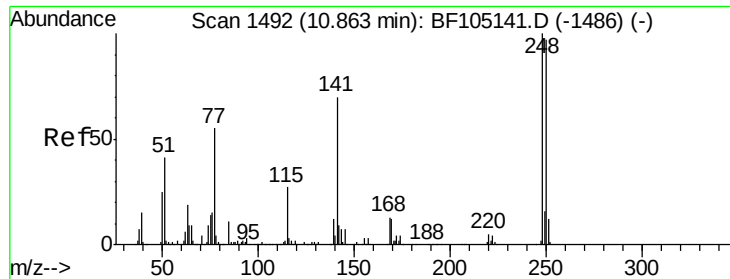
#65  
n-Nitrosodiphenylamine  
Concen: 0.680 ng  
RT: 10.62 min Scan# 1450  
Delta R.T. 0.12 min  
Lab File: BF105181.D  
Acq: 9 May 2018 8:15

Tgt Ion:169 Resp: 19313  
Ion Ratio Lower Upper  
169 100  
168 7.6 54.4 81.6#  
167 48.7 29.8 44.6#



Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E

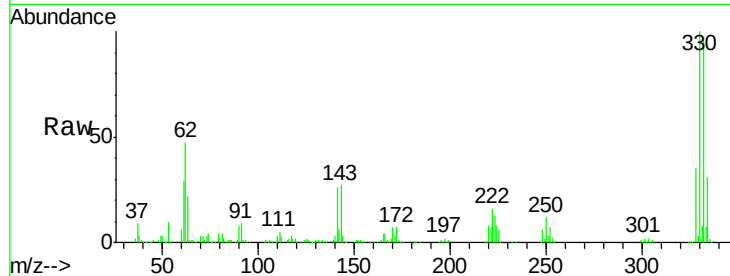




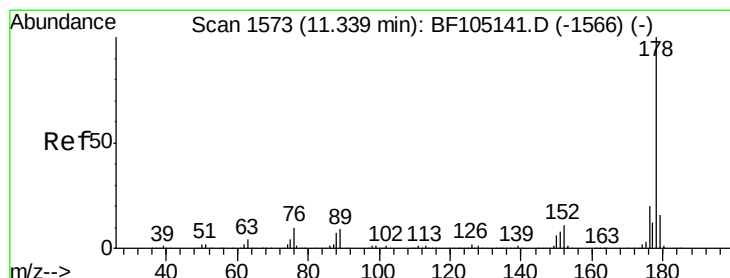
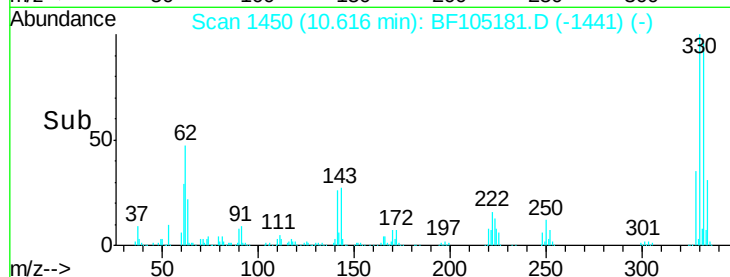
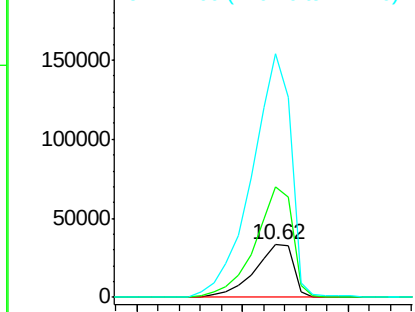
#66  
4-Bromophenyl-phenylether  
Concen: 4.381 ng  
RT: 10.62 min Scan# 1450  
Delta R.T. -0.25 min  
Lab File: BF105181.D  
Acq: 9 May 2018 8:15

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:248 Resp: 42578  
Ion Ratio Lower Upper  
248 100  
250 210.5 76.9 115.3#  
141 462.8 74.4 111.6#

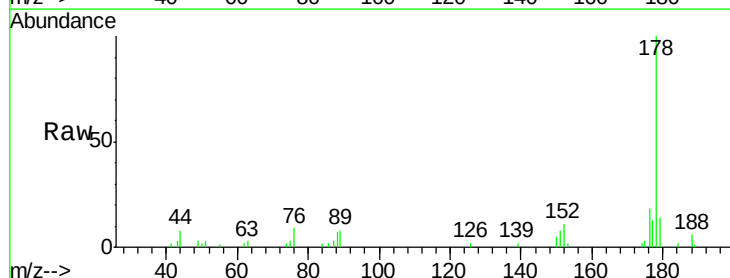


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

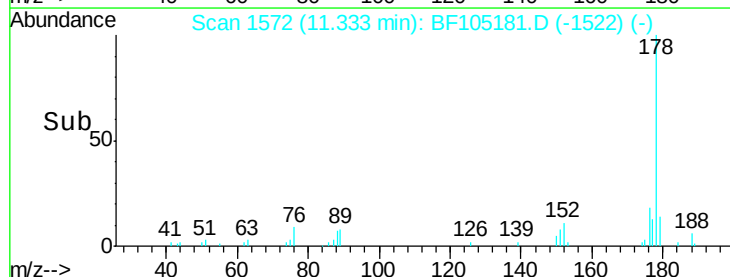
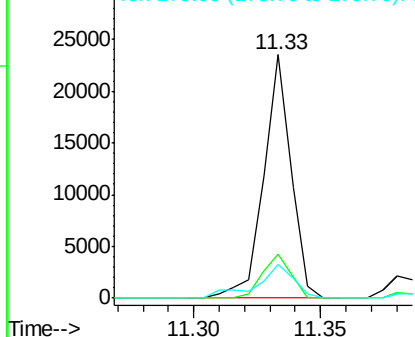


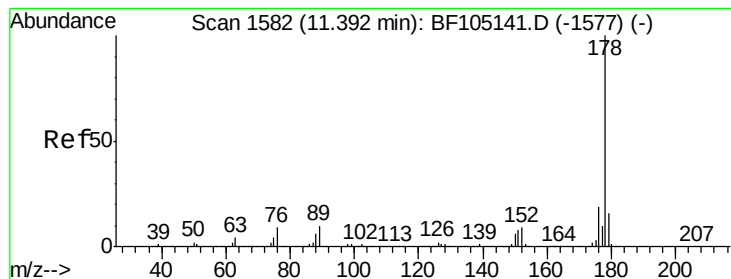
#70  
Phenanthrene  
Concen: 0.370 ng  
RT: 11.33 min Scan# 1572  
Delta R.T. -0.01 min  
Lab File: BF105181.D  
Acq: 9 May 2018 8:15

Tgt Ion:178 Resp: 17760  
Ion Ratio Lower Upper  
178 100  
176 18.0 15.8 23.8  
179 14.1 13.0 19.6



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: 0.038 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF105181.D

Acq: 9 May 2018 8:15

Instrument :

BNA\_F

ClientSampleId :

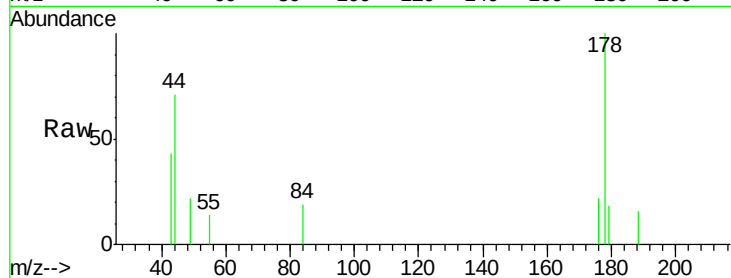
Tot Ion:178 Resp: 1839

Ion Ratio Lower Upper

178 100

176 22.4 15.4 23.2

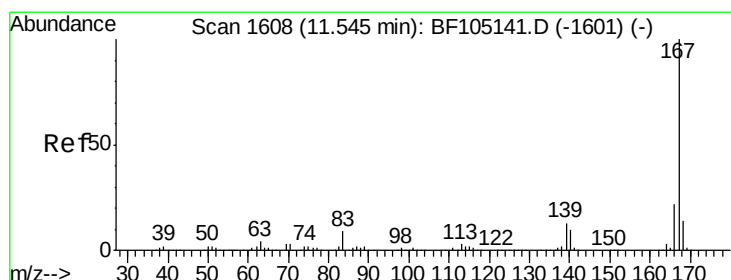
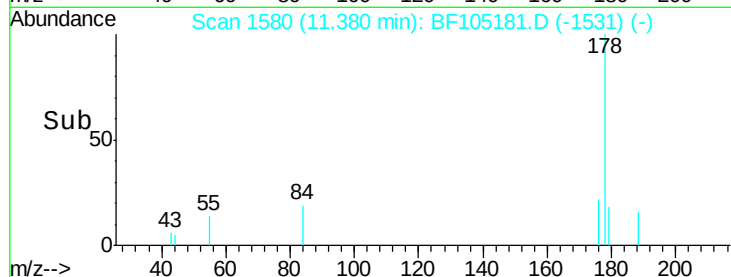
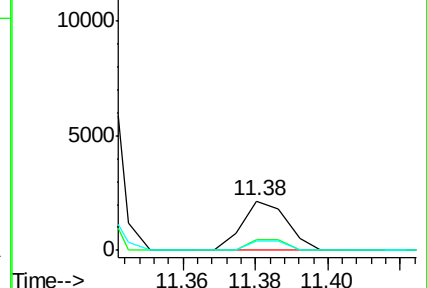
179 17.9 12.6 19.0



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



#72

Carbazole

Concen: 0.023 ng

RT: 11.54 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BF105181.D

Acq: 9 May 2018 8:15

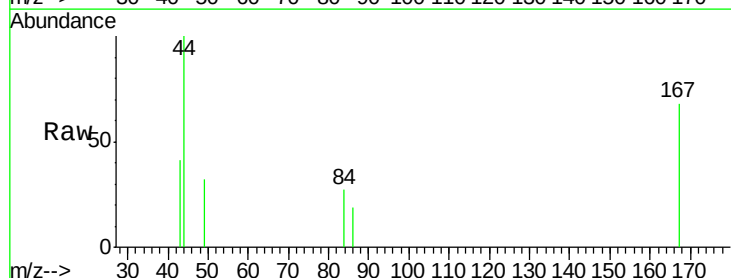
Tgt Ion:167 Resp: 1002

Ion Ratio Lower Upper

167 100

166 0.0 17.6 26.4#

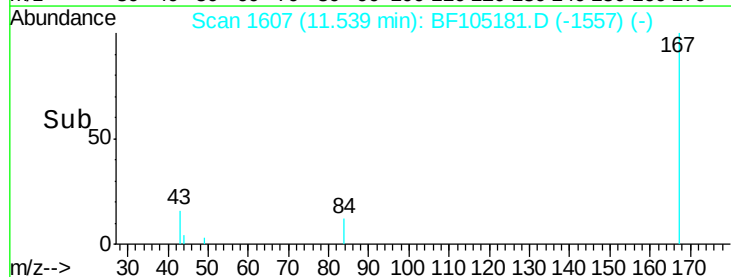
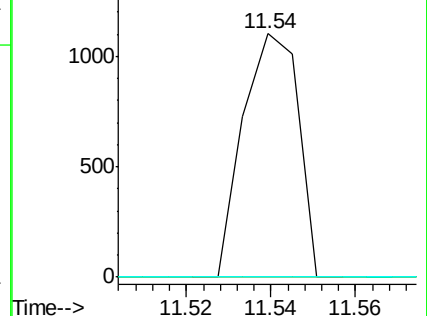
139 0.0 10.9 16.3#

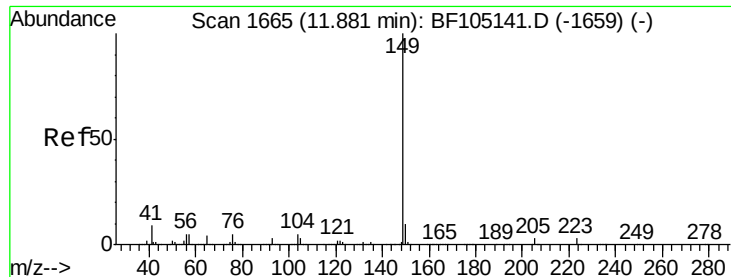


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.050 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BF105181.D

Acq: 9 May 2018 8:15

Instrument :

BNA\_F

ClientSampleId :

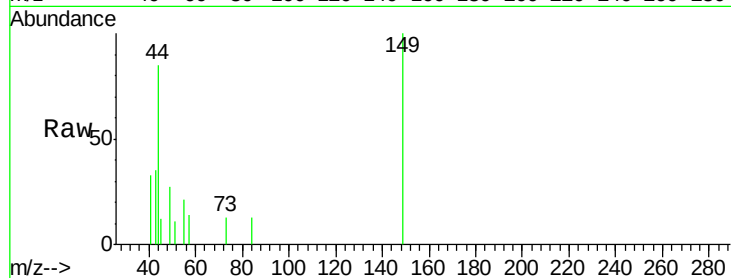
Tot Ion:149 Resp: 2363

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

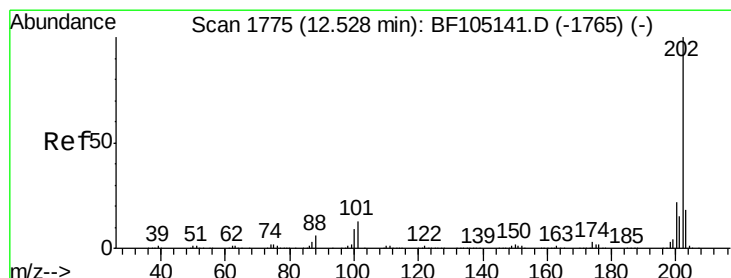
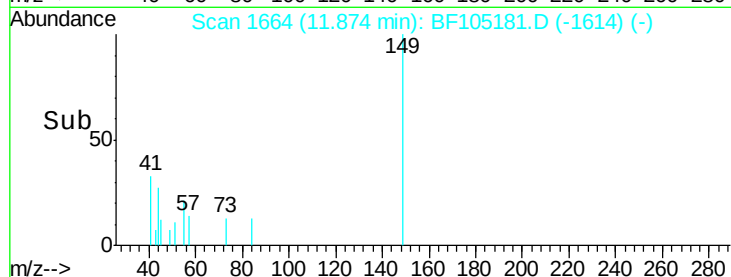
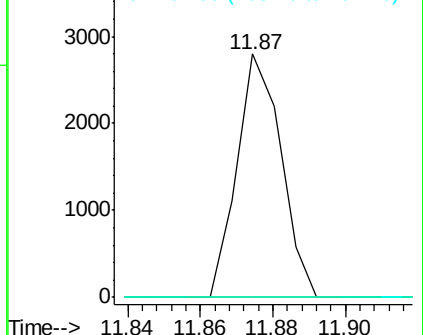
104 0.0 3.8 5.8#



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: 0.030 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF105181.D

Acq: 9 May 2018 8:15

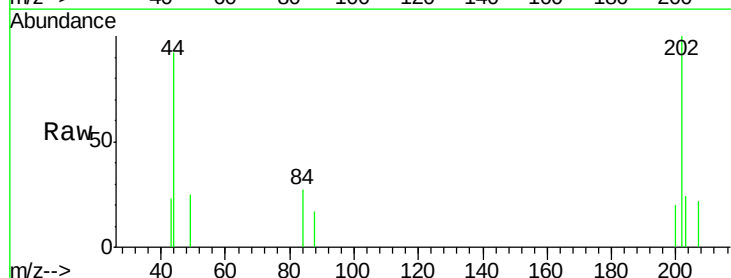
Tgt Ion:202 Resp: 1506

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.1

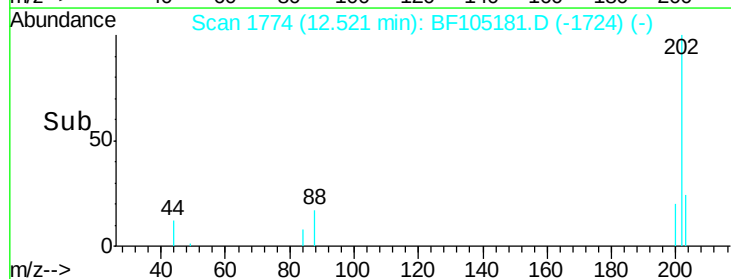
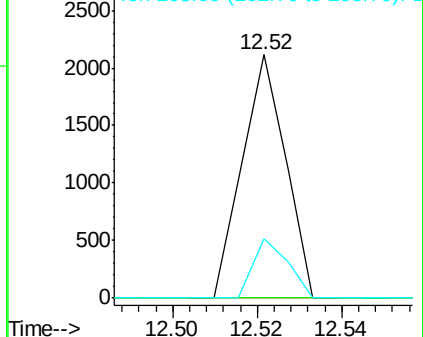
203 24.1 0.0 38.1

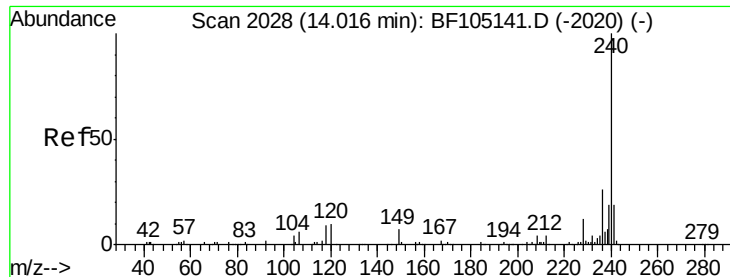


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF105181.D

Acq: 9 May 2018 8:15

Instrument :

BNA\_F

ClientSampleId :

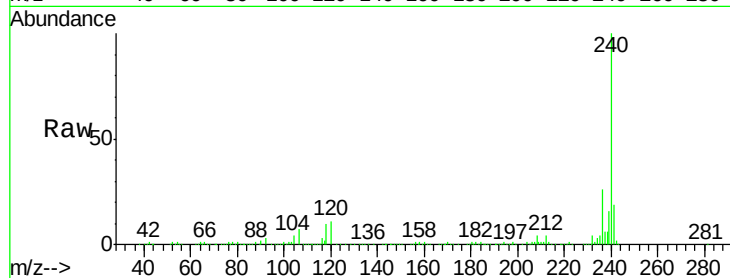
Tot Ion:240 Resp: 780284

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

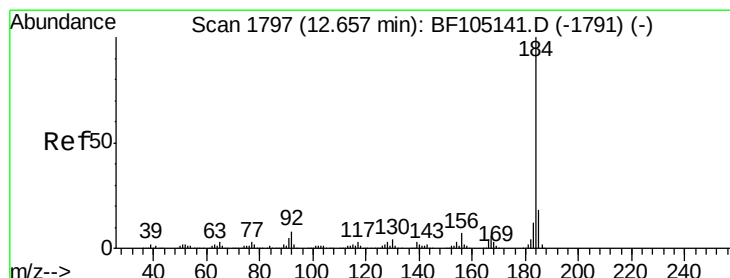
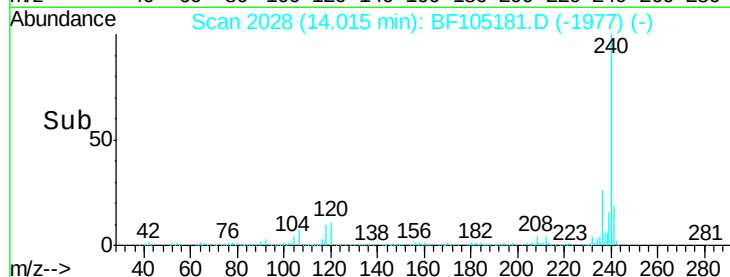
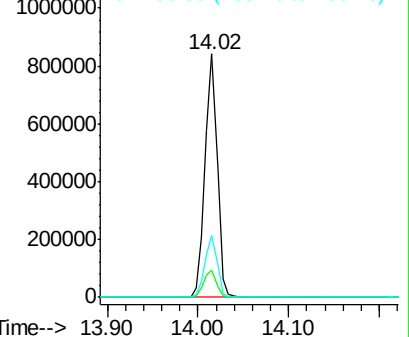
236 25.7 20.7 31.1



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



#76

Benzidine

Concen: 1.293 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.26 min

Lab File: BF105181.D

Acq: 9 May 2018 8:15

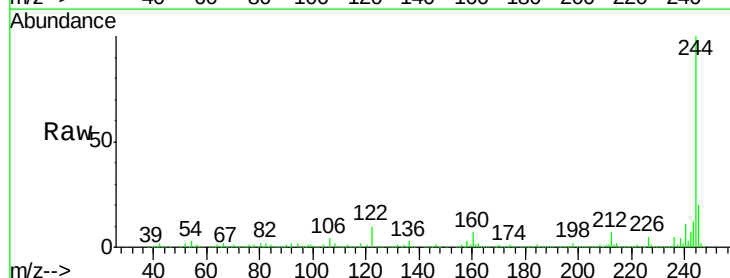
Tgt Ion:184 Resp: 37675

Ion Ratio Lower Upper

184 100

185 15.7 12.6 18.8

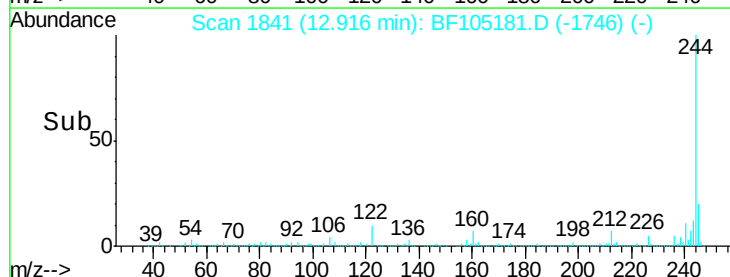
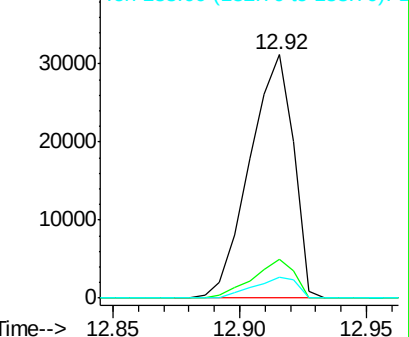
183 8.7 9.3 13.9#



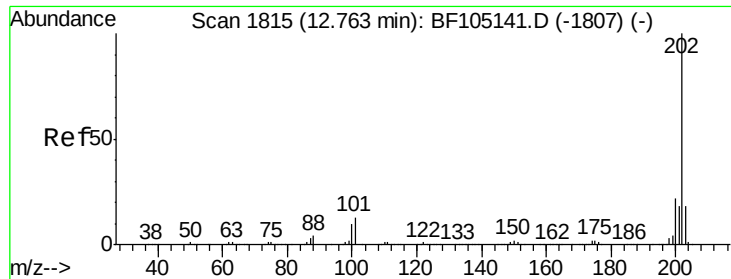
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



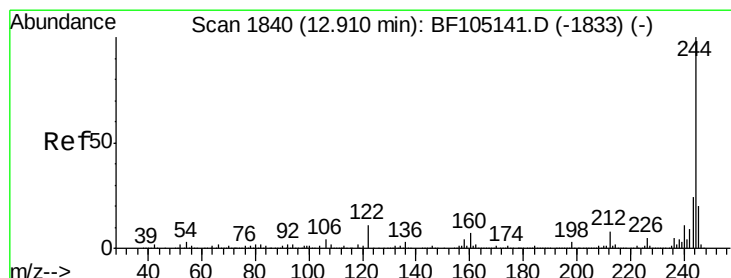
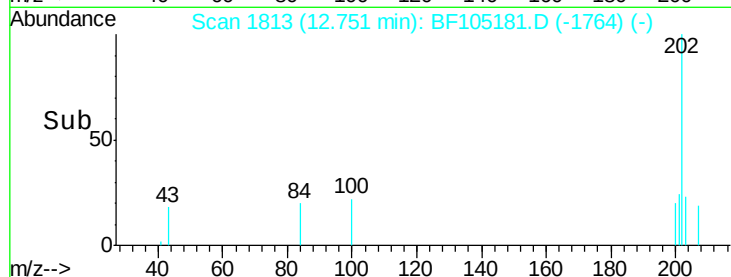
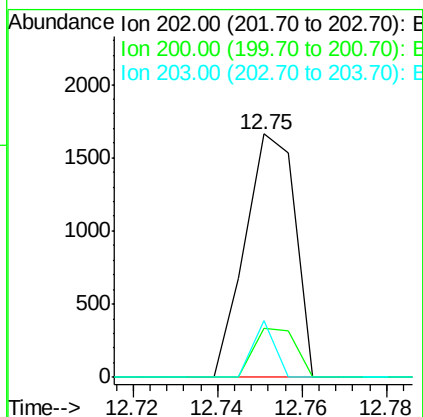
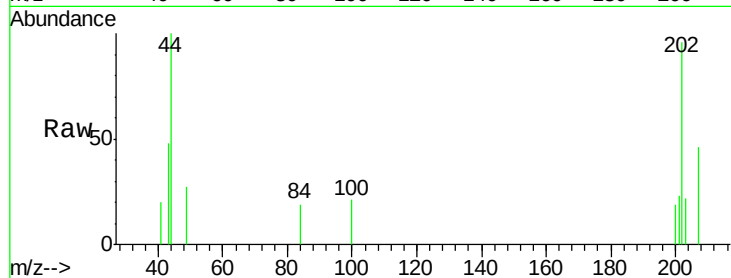




#77  
Pvrene  
Concen: 0.024 ng  
RT: 12.75 min Scan# 1813  
Delta R.T. -0.01 min  
Lab File: BF105181.D  
Acq: 9 May 2018 8:15

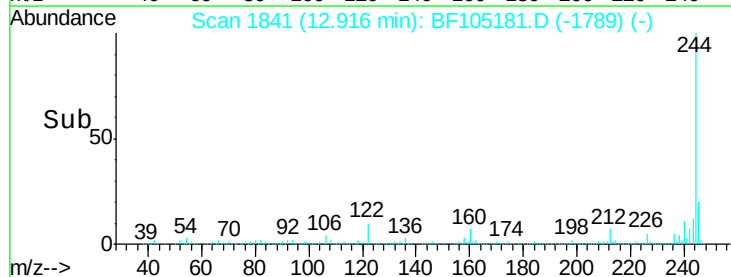
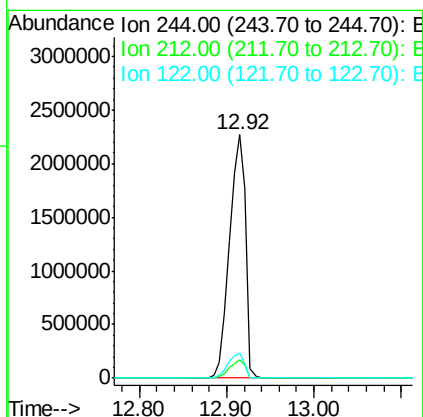
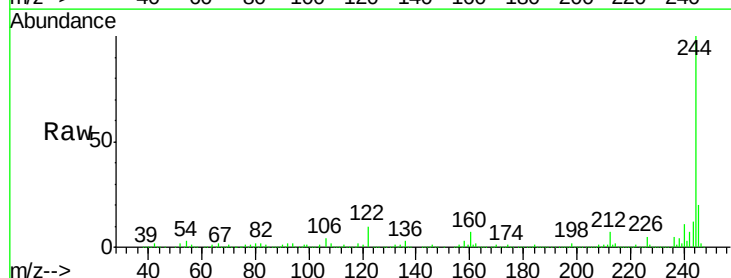
Instrument :  
BNA\_F  
ClientSampleId :

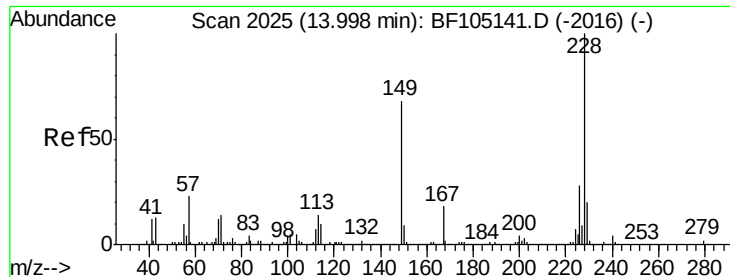
Tot Ion:202 Resp: 1367  
Ion Ratio Lower Upper  
202 100  
200 20.0 17.4 26.2  
203 23.4 14.3 21.5#



#78  
Terphenyl-d14  
Concen: 85.709 ng  
RT: 12.92 min Scan# 1841  
Delta R.T. 0.01 min  
Lab File: BF105181.D  
Acq: 9 May 2018 8:15

Tgt Ion:244 Resp: 2879095  
Ion Ratio Lower Upper  
244 100  
212 7.4 5.4 8.0  
122 10.2 11.0 16.4#





#80

Benzo(a)anthracene

Concen: 0.039 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.02 min

Lab File: BF105181.D

Acq: 9 May 2018 8:15

Instrument :

BNA\_F

ClientSampleId :

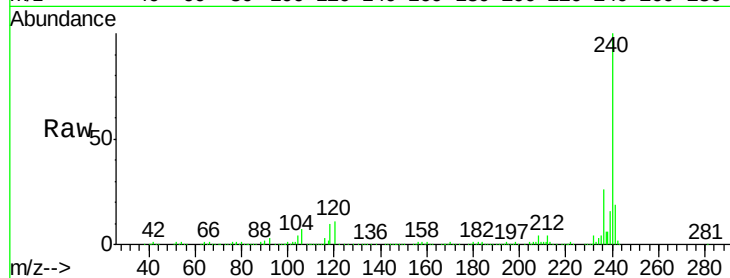
Tot Ion:228 Resp: 1855

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

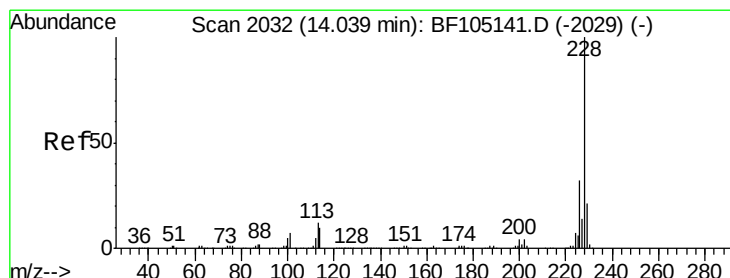
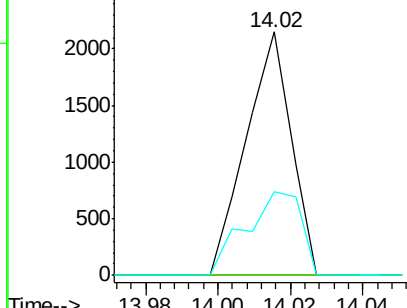
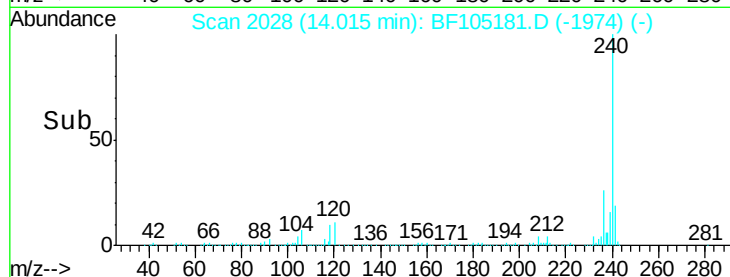
229 34.4 15.8 23.6#



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



#82

Chrysene

Concen: 0.038 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF105181.D

Acq: 9 May 2018 8:15

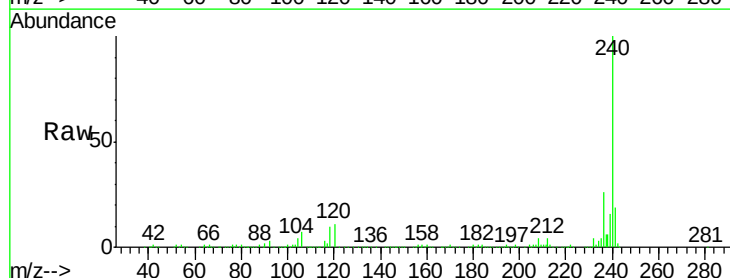
Tgt Ion:228 Resp: 1855

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

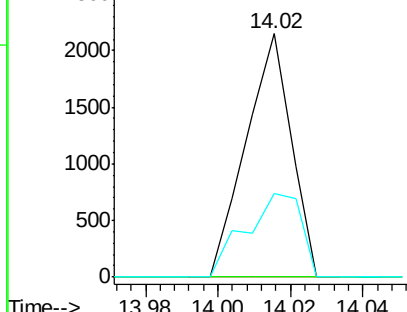
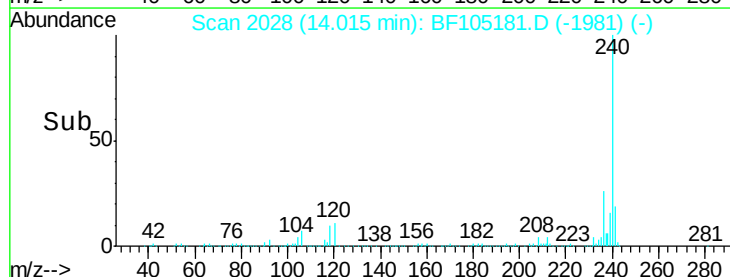
229 34.4 16.2 24.4#

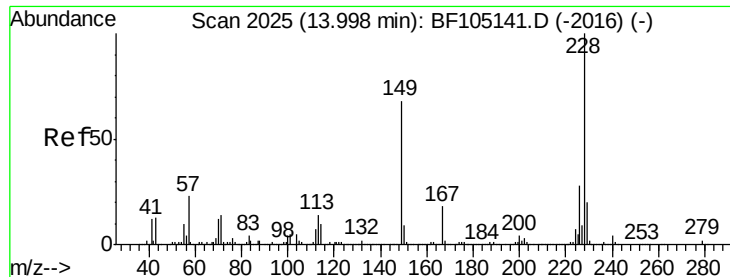


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

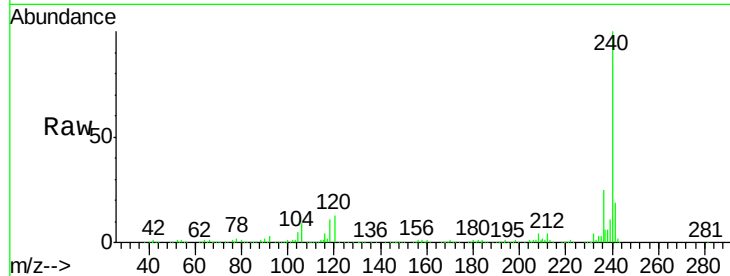




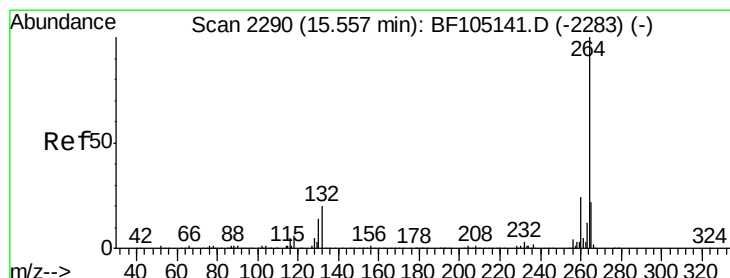
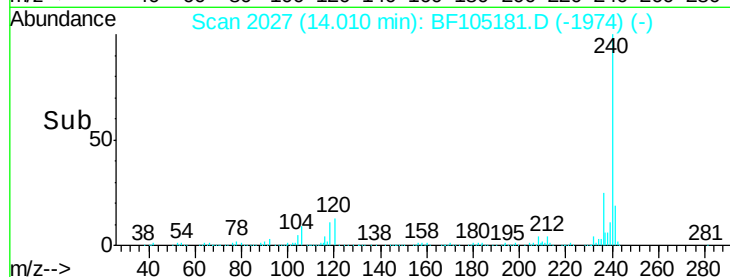
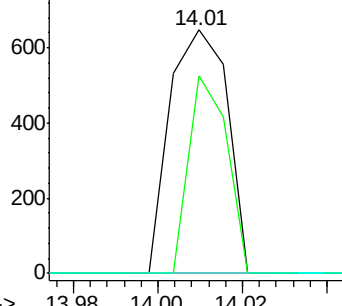
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.026 ng  
 RT: 14.01 min Scan# 2027  
 Delta R.T. 0.01 min  
 Lab File: BF105181.D  
 Acq: 9 May 2018 8:15

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:149 Resp: 613  
 Ion Ratio Lower Upper  
 149 100  
 167 81.3 21.3 31.9#  
 279 0.0 3.0 4.4#

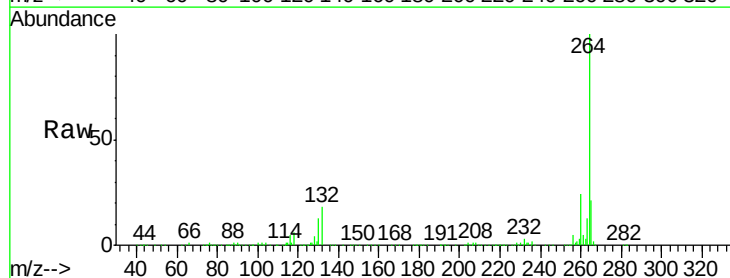


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

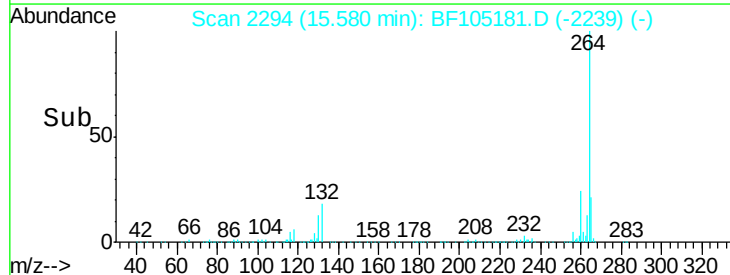
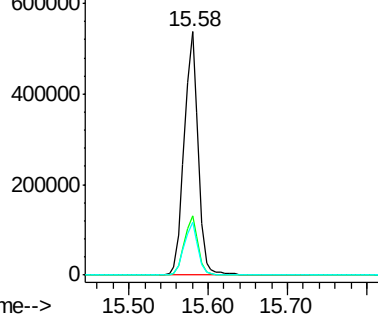


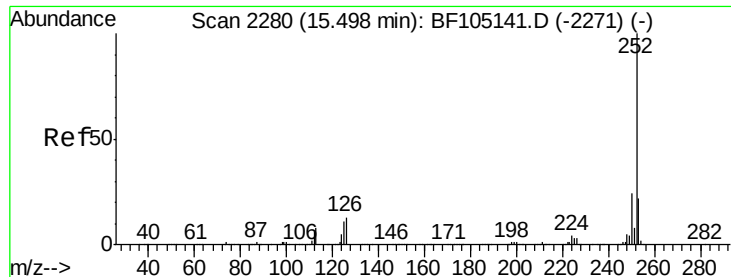
#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.58 min Scan# 2294  
 Delta R.T. 0.02 min  
 Lab File: BF105181.D  
 Acq: 9 May 2018 8:15

Tgt Ion:264 Resp: 659650  
 Ion Ratio Lower Upper  
 264 100  
 260 24.4 19.2 28.8  
 265 21.5 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





#89

Benzo(a)pyrene

Concen: 0.055 ng

RT: 15.58 min Scan# 2294

Delta R.T. 0.08 min

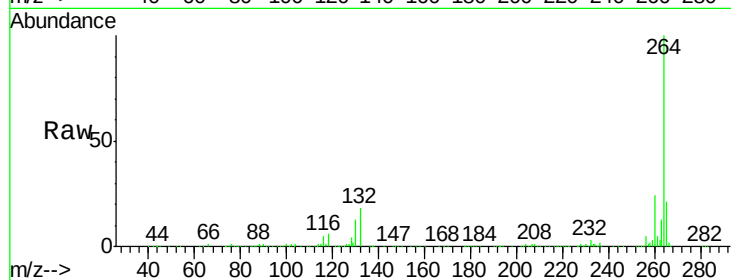
Lab File: BF105181.D

Acq: 9 May 2018 8:15

Instrument :

BNA\_F

ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 252   | Resp: | 2033  |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 33.8  | 17.1  | 25.7# |
| 125       | 24.4  | 9.8   | 14.6# |

