

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF070318\  
 Data File : BF107078.D  
 Acq On : 3 Jul 2018 13:23  
 Operator : JU/SJ  
 Sample : J3629-10RE  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 A0C20-01

Quant Time: Jul 03 14:27:30 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF061918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 29 14:38:29 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.95  | 152  | 57527    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.24  | 136  | 213456   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 10.00 | 164  | 92107    | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.50 | 188  | 163966   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.15 | 240  | 147041   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.71 | 264  | 104597   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.60  | 112  | 292907   | 86.22 | ng    | 0.00     |
| 7) Phenol-d6                | 6.60  | 99   | 352455   | 83.08 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.52  | 82   | 212559   | 55.34 | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 10.80 | 330  | 86894    | 81.40 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.31  | 172  | 356791   | 61.49 | ng    | -0.02    |
| 78) Terphenyl-d14           | 13.08 | 244  | 365244   | 60.17 | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.01  | 88   | 398      | 0.228  | ng    | # 2    |
| 6) Aniline                     | 6.74  | 93   | 299      | 0.052  | ng    | # 1    |
| 9) Benzaldehyde                | 6.73  | 77   | 6062     | 1.717  | ng    | # 84   |
| 10) Phenol                     | 6.61  | 94   | 5900     | 1.219  | ng    | # 54   |
| 11) bis(2-Chloroethyl)ether    | 6.74  | 93   | 299      | 0.075  | ng    | # 1    |
| 15) Benzyl Alcohol             | 7.11  | 79   | 3514     | 1.032  | ng    | # 47   |
| 19) n-Nitroso-di-n-propylamine | 7.52  | 70   | 28531    | 10.202 | ng    | # 75   |
| 22) Acetophenone               | 7.34  | 105  | 128      | 0.027  | ng    | # 54   |
| 24) Nitrobenzene               | 7.52  | 77   | 514      | 0.131  | ng    | # 24   |
| 25) Isophorone                 | 7.52  | 82   | 212557   | 31.405 | ng    | # 64   |
| 29) 2,4-Dichlorophenol         | 8.17  | 162  | 113      | 0.038  | ng    | # 26   |
| 31) Naphthalene                | 8.26  | 128  | 252      | 0.025  | ng    | # 68   |
| 35) Caprolactam                | 8.64  | 113  | 156      | 0.160  | ng    | # 1    |
| 37) 2-Methylnaphthalene        | 8.95  | 142  | 576      | 0.087  | ng    | # 69   |
| 45) 1,1'-Biphenyl              | 9.41  | 154  | 911      | 0.124  | ng    | # 85   |
| 46) 2-Chloronaphthalene        | 9.70  | 162  | 374      | 0.065  | ng    | # 1    |
| 47) 2-Nitroaniline             | 9.46  | 65   | 444      | 0.229  | ng    | # 2    |
| 48) Acenaphthylene             | 9.86  | 152  | 966      | 0.106  | ng    | # 68   |
| 49) Dimethylphthalate          | 9.70  | 163  | 55623    | 8.052  | ng    | # 96   |
| 50) 2,6-Dinitrotoluene         | 9.70  | 165  | 692      | 0.473  | ng    | # 25   |
| 51) Acenaphthene               | 10.03 | 154  | 106      | 0.018  | ng    | # 48   |
| 54) Dibenzofuran               | 10.03 | 168  | 315      | 0.040  | ng    | # 45   |
| 55) 4-Nitrophenol              | 10.10 | 139  | 114      | 0.097  | ng    | # 1    |
| 56) 2,4-Dinitrotoluene         | 10.20 | 165  | 803      | 0.421  | ng    | # 72   |
| 57) Fluorene                   | 10.55 | 166  | 1073     | 0.172  | ng    | # 20   |
| 59) Diethylphthalate           | 10.40 | 149  | 1489     | 0.223  | ng    | # 54   |
| 60) 4-Chlorophenyl-phenylether | 10.34 | 204  | 370      | 0.113  | ng    | # 19   |
| 61) 4-Nitroaniline             | 10.40 | 138  | 110      | 0.066  | ng    | # 19   |
| 62) Azobenzene                 | 10.71 | 77   | 217      | 0.033  | ng    | # 1    |
| 64) 4,6-Dinitro-2-methylphenol | 10.87 | 198  | 107      | 0.106  | ng    | # 1    |
| 65) n-Nitrosodiphenylamine     | 10.65 | 169  | 2125     | 0.385  | ng    | # 37   |
| 66) 4-Bromophenyl-phenylether  | 10.80 | 248  | 5455     | 2.788  | ng    | # 1    |
| 68) Atrazine                   | 11.20 | 200  | 1228     | 0.700  | ng    | # 60   |
| 70) Phenanthrene               | 11.52 | 178  | 2733     | 0.346  | ng    | # 77   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF070318\  
 Data File : BF107078.D  
 Acq On : 3 Jul 2018 13:23  
 Operator : JU/SJ  
 Sample : J3629-10RE  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

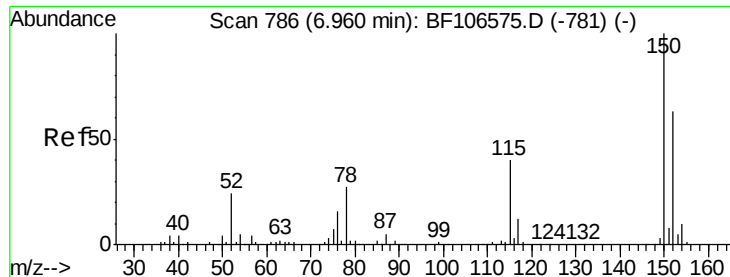
Instrument :  
 BNA\_F  
 ClientSampleId :  
 A0C20-01

Quant Time: Jul 03 14:27:30 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF061918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 29 14:38:29 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| -----                          |       |      |          |       |       |          |
| 71) Anthracene                 | 11.57 | 178  | 1242     | 0.154 | ng    | # 40     |
| 72) Carbazole                  | 11.74 | 167  | 420      | 0.056 | ng    | # 1      |
| 73) Di-n-butylphthalate        | 12.04 | 149  | 2679     | 0.301 | ng    | # 69     |
| 74) Fluoranthene               | 12.71 | 202  | 4730     | 0.543 | ng    | # 84     |
| 76) Benzidine                  | 12.82 | 184  | 385      | 0.092 | ng    | # 1      |
| 77) Pyrene                     | 12.95 | 202  | 9542     | 0.984 | ng    | # 84     |
| 79) Butylbenzylphthalate       | 13.53 | 149  | 713      | 0.179 | ng    | # 96     |
| 80) Benzo(a)anthracene         | 14.14 | 228  | 1927     | 0.215 | ng    | # 8      |
| 81) 3,3'-Dichlorobenzidine     | 14.09 | 252  | 338      | 0.107 | ng    | # 1      |
| 82) Chrysene                   | 14.18 | 228  | 4610     | 0.559 | ng    | # 51     |
| 83) Bis(2-ethylhexyl)phthalate | 14.10 | 149  | 4385     | 0.860 | ng    | # 56     |
| 84) Di-n-octyl phthalate       | 14.77 | 149  | 1854     | 0.223 | ng    | # 1      |
| 85) Indeno(1,2,3-cd)pyrene     | 17.31 | 276  | 2382     | 0.340 | ng    | # 73     |
| 87) Benzo(b)fluoranthene       | 15.25 | 252  | 4214     | 0.649 | ng    | # 1      |
| 88) Benzo(k)fluoranthene       | 15.25 | 252  | 4214     | 0.681 | ng    | # 1      |
| 89) Benzo(a)pyrene             | 15.64 | 252  | 2883     | 0.499 | ng    | # 1      |
| 90) Dibenzo(a,h)anthracene     | 17.29 | 278  | 680      | 0.139 | ng    | # 1      |
| 91) Benzo(g,h,i)perylene       | 17.80 | 276  | 4995     | 1.044 | ng    | # 54     |
| -----                          |       |      |          |       |       |          |

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



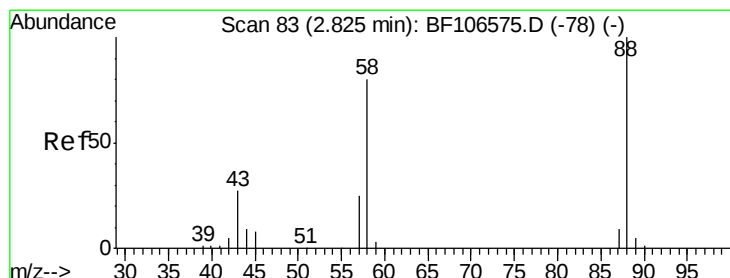
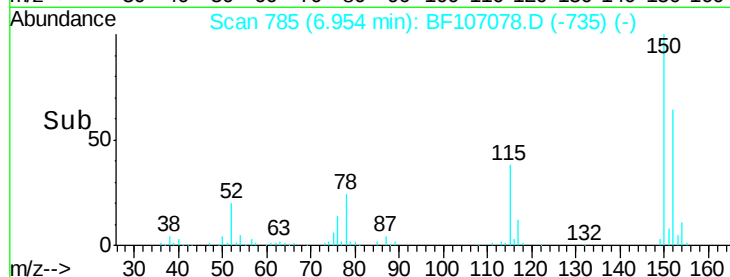
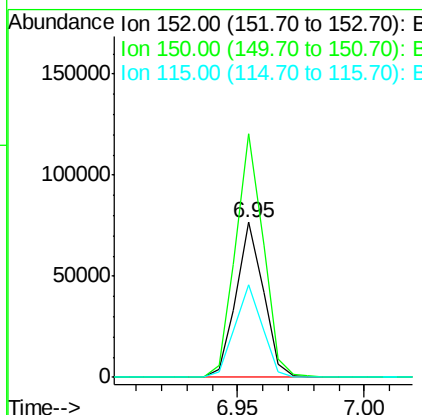
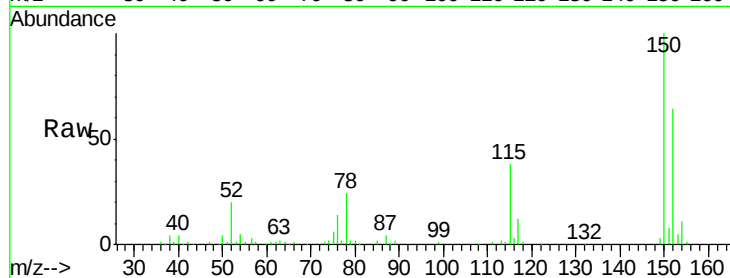


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.95 min Scan# 785  
Delta R.T. -0.01 min  
Lab File: BF107078.D  
Acq: 3 Jul 2018 13:23

Instrument :  
BNA\_F  
ClientSampleId :  
A0C20-01

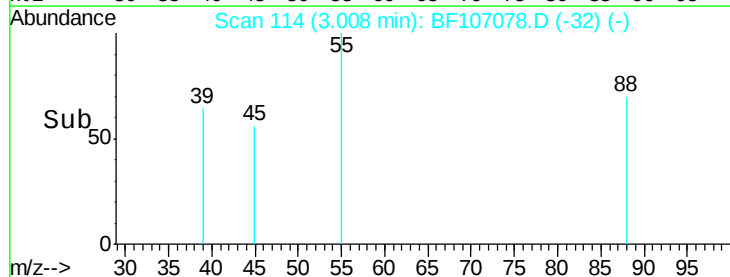
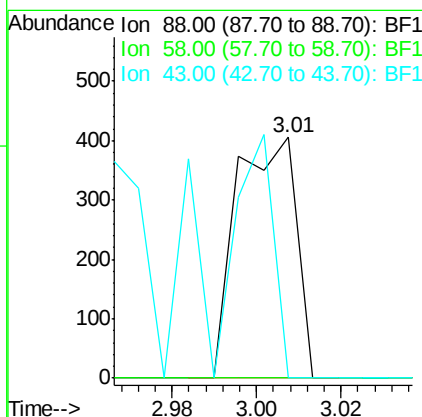
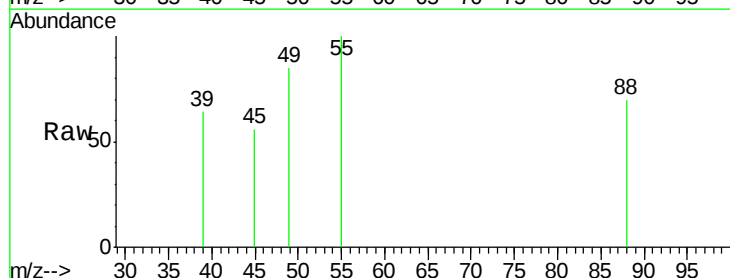
Tgt Ion: 152 Resp: 57527  
Ion Ratio Lower Upper  
152 100  
150 157.1 124.6 186.8  
115 60.1 50.1 75.1

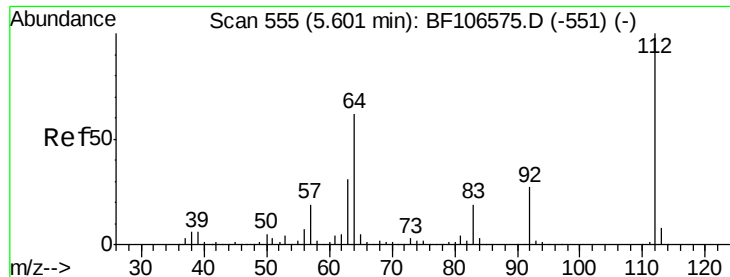


#2

1,4-Dioxane  
Concen: 0.228 ng  
RT: 3.01 min Scan# 114  
Delta R.T. 0.18 min  
Lab File: BF107078.D  
Acq: 3 Jul 2018 13:23

Tgt Ion: 88 Resp: 398  
Ion Ratio Lower Upper  
88 100  
58 0.0 62.6 93.8#  
43 96.2 24.6 37.0#





#5

2-Fluorophenol

Concen: 86.218 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF107078.D

Acq: 3 Jul 2018 13:23

Instrument :

BNA\_F

ClientSampleId :

A0C20-01

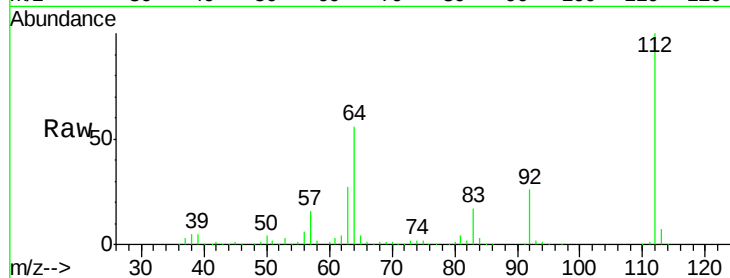
Tgt Ion: 112 Resp: 292907

Ion Ratio Lower Upper

112 100

64 55.9 47.9 71.9

63 27.4 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

400000

300000

200000

100000

0

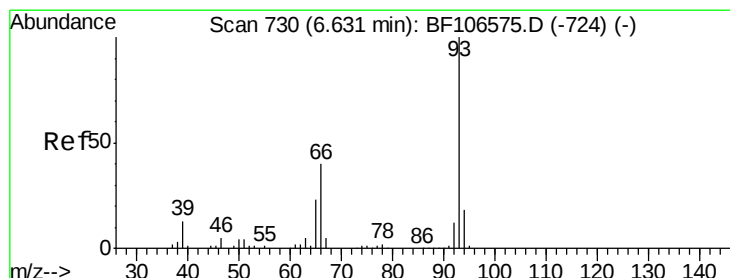
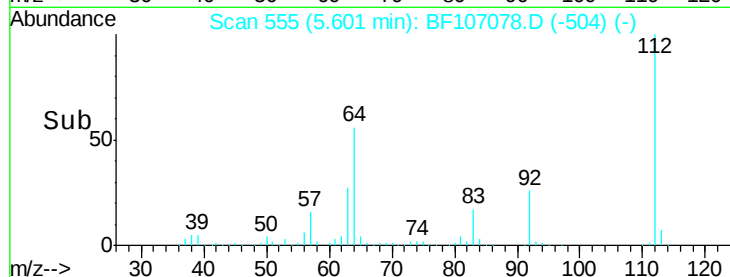
5.60

5.50

5.60

5.70

Time-->



#6

Aniline

Concen: 0.052 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.11 min

Lab File: BF107078.D

Acq: 3 Jul 2018 13:23

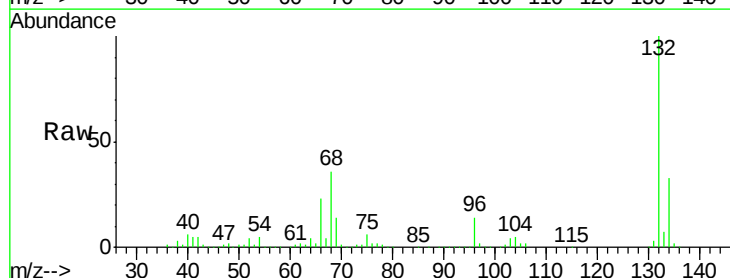
Tgt Ion: 93 Resp: 299

Ion Ratio Lower Upper

93 100

66 15042.7 32.2 48.2#

65 1316.5 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

100000

80000

60000

40000

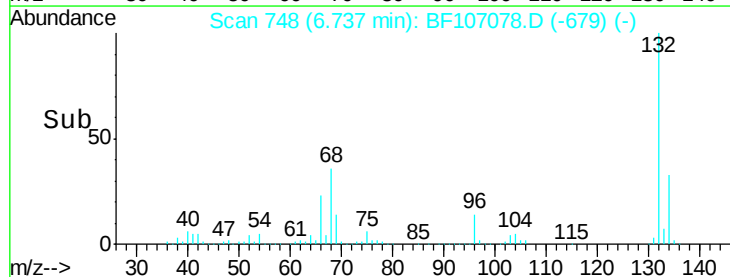
20000

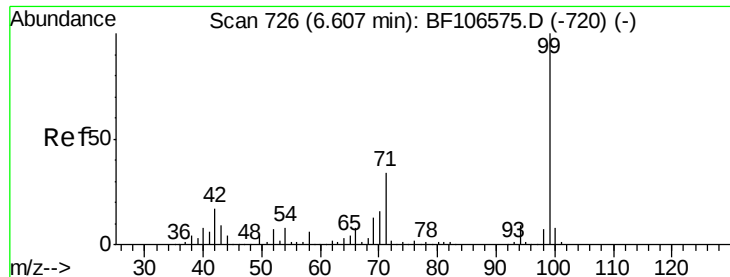
0

6.72

6.74

Time-->





#7

Phenol-d6

Concen: 83.076 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107078.D

Acq: 3 Jul 2018 13:23

Instrument :

BNA\_F

ClientSampleId :

A0C20-01

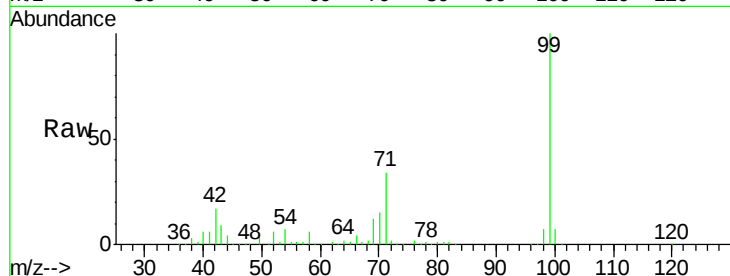
Tgt Ion: 99 Resp: 352455

Ion Ratio Lower Upper

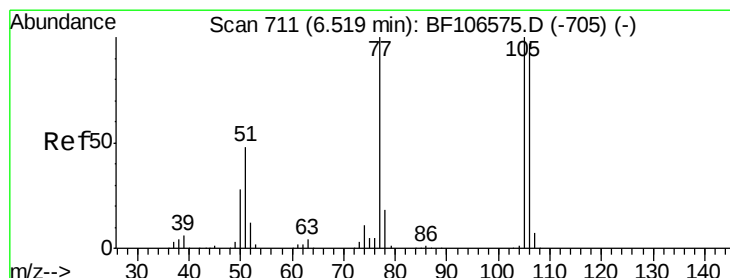
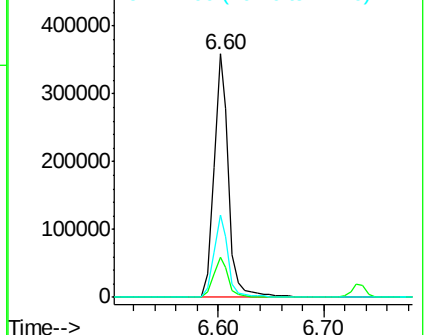
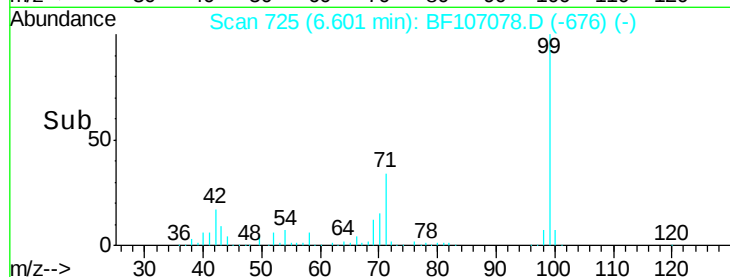
99 100

42 16.5 14.5 21.7

71 33.7 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



#9

Benzaldehyde

Concen: 1.717 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF107078.D

Acq: 3 Jul 2018 13:23

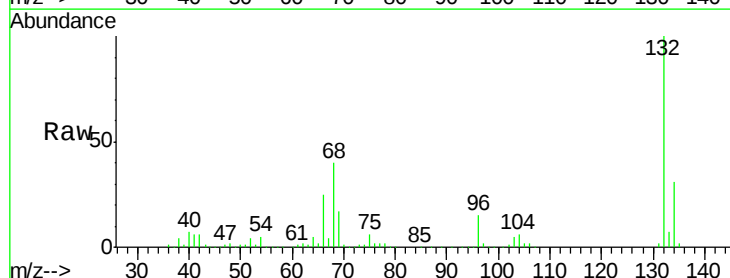
Tgt Ion: 77 Resp: 6062

Ion Ratio Lower Upper

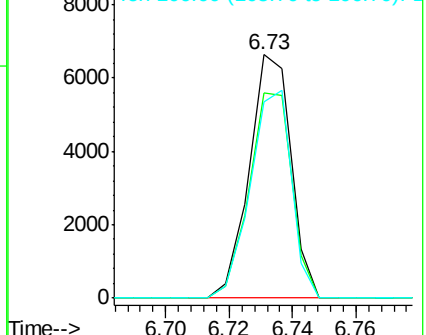
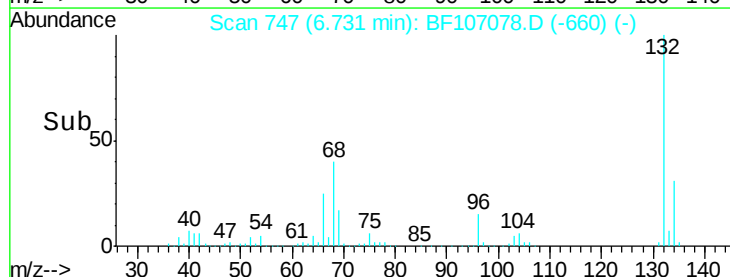
77 100

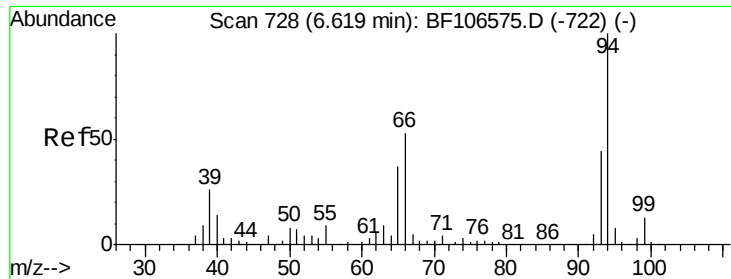
105 84.3 81.1 121.1

106 80.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 105.00 (104.70 to 105.70): BF1  
Ion 106.00 (105.70 to 106.70): BF1

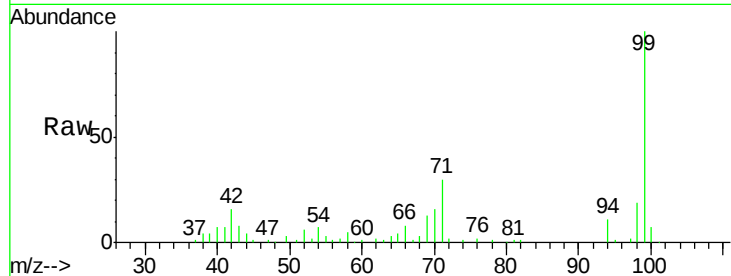




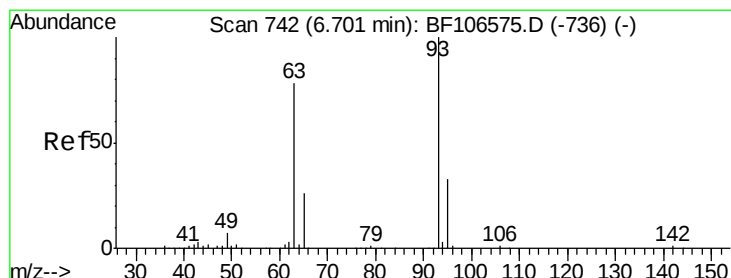
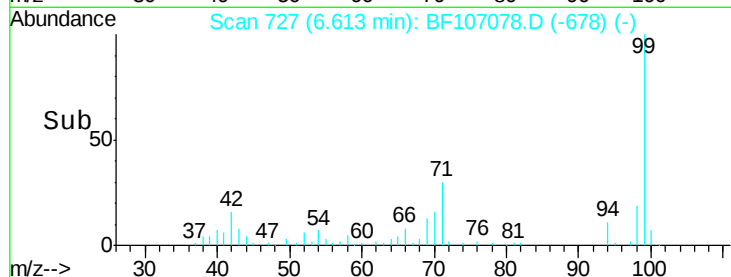
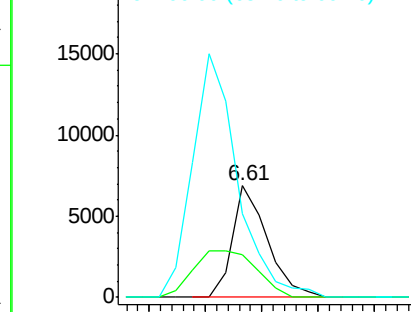
#10  
Phenol  
Concen: 1.219 ng  
RT: 6.61 min Scan# 727  
Delta R.T. -0.01 min  
Lab File: BF107078.D  
Acq: 3 Jul 2018 13:23

Instrument :  
BNA\_F  
ClientSampleId :  
A0C20-01

Tgt Ion: 94 Resp: 5900  
Ion Ratio Lower Upper  
94 100  
65 38.5 7.9 47.9  
66 74.6 16.2 56.2#

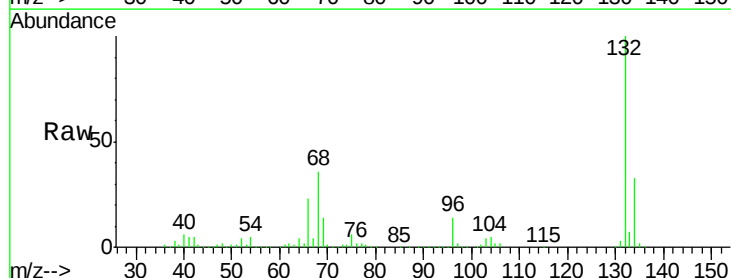


Abundance Ion 94.00 (93.70 to 94.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 66.00 (65.70 to 66.70): BF1

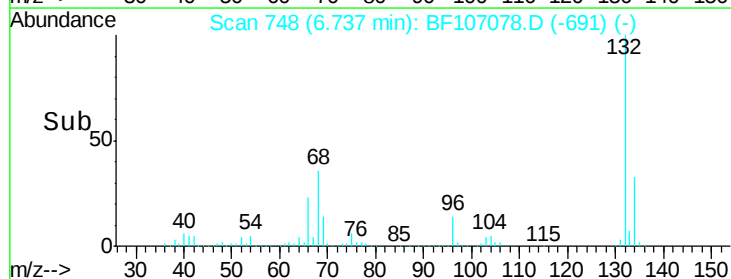
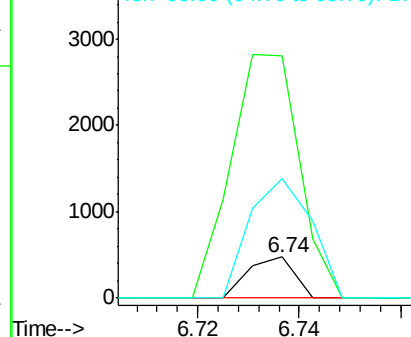


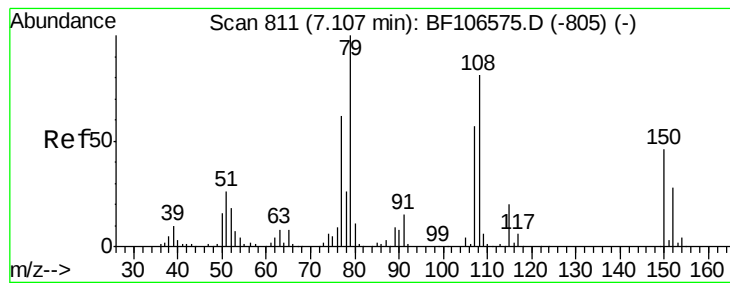
#11  
bis(2-Chloroethyl)ether  
Concen: 0.075 ng  
RT: 6.74 min Scan# 748  
Delta R.T. 0.04 min  
Lab File: BF107078.D  
Acq: 3 Jul 2018 13:23

Tgt Ion: 93 Resp: 299  
Ion Ratio Lower Upper  
93 100  
63 587.2 58.6 98.6#  
95 291.0 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





#15

Benzyl Alcohol

Concen: 1.032 ng

RT: 7.11 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF107078.D

Acq: 3 Jul 2018 13:23

Instrument :

BNA\_F

ClientSampleId :

A0C20-01

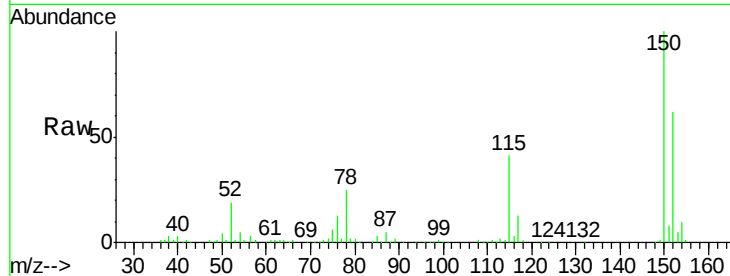
Tgt Ion: 79 Resp: 3514

Ion Ratio Lower Upper

79 100

108 30.6 65.1 97.7#

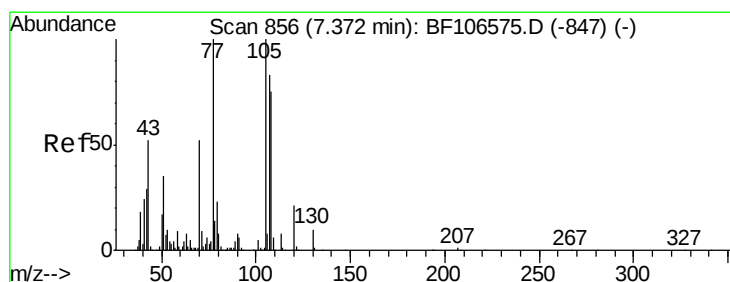
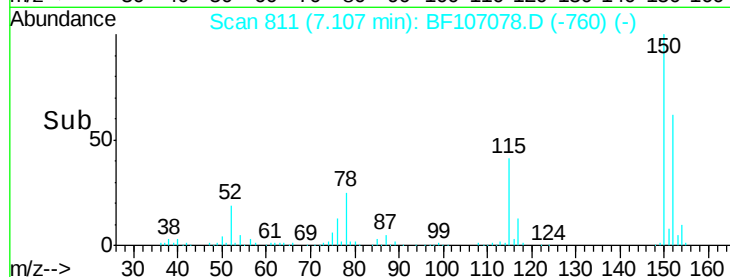
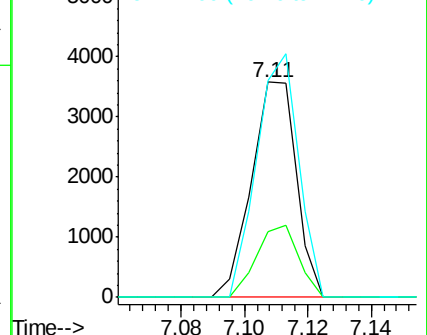
77 100.7 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 10.202 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF107078.D

Acq: 3 Jul 2018 13:23

Tgt Ion: 70 Resp: 28531

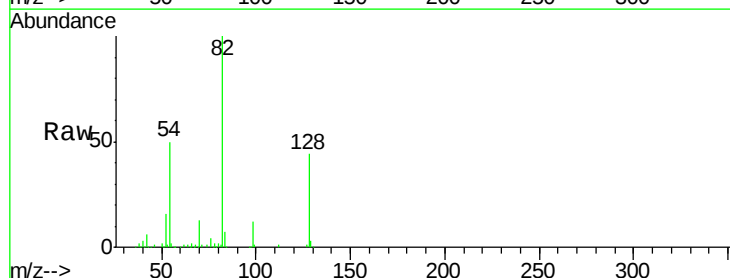
Ion Ratio Lower Upper

70 100

42 44.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

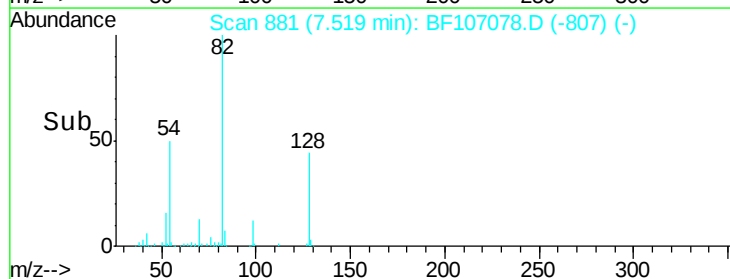
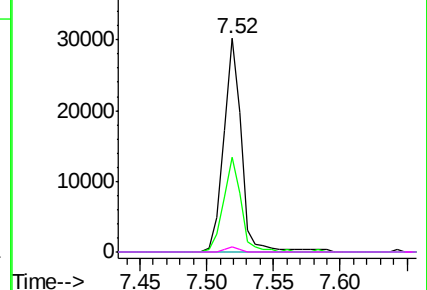


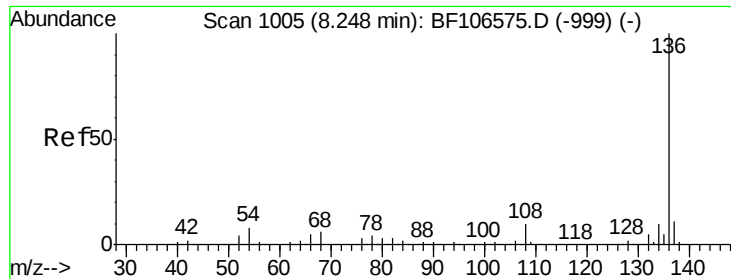
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

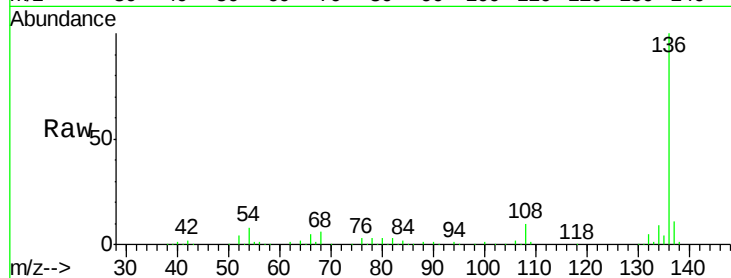




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.24 min Scan# 1003  
Delta R.T. -0.01 min  
Lab File: BF107078.D  
Acq: 3 Jul 2018 13:23

Instrument :  
BNA\_F  
ClientSampleId :  
A0C20-01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 213456 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.8  | 8.9   | 13.3   |
| 54       | 7.8   | 6.6   | 9.8    |
| 68       | 6.3   | 5.0   | 7.4    |

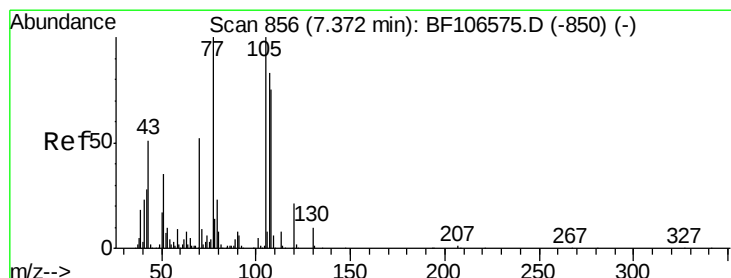
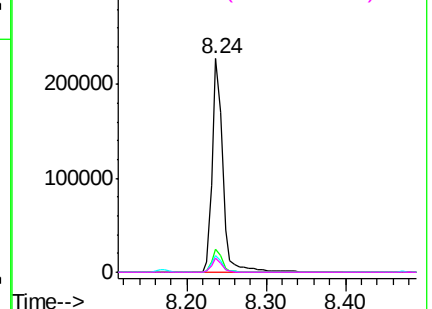
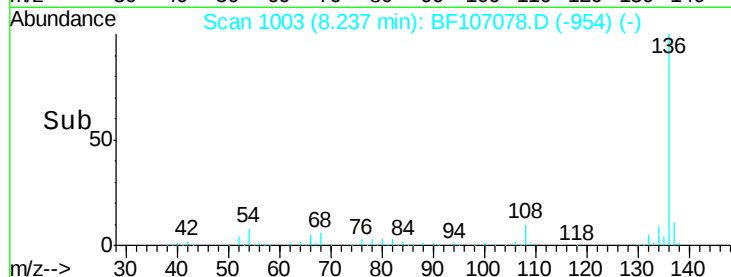


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

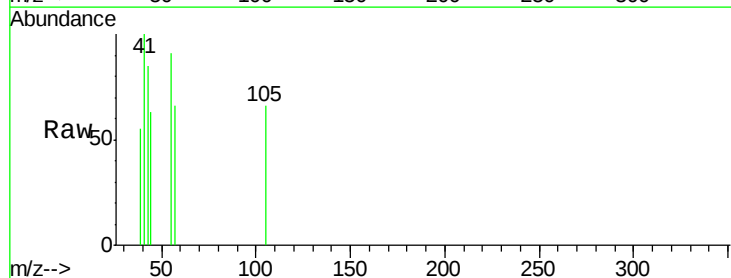
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22  
Acetophenone  
Concen: 0.027 ng  
RT: 7.34 min Scan# 850  
Delta R.T. -0.04 min  
Lab File: BF107078.D  
Acq: 3 Jul 2018 13:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 128   |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 71       | 0.0   | 4.4   | 6.6#  |
| 51       | 0.0   | 22.3  | 33.5# |
| 120      | 0.0   | 16.9  | 25.3# |

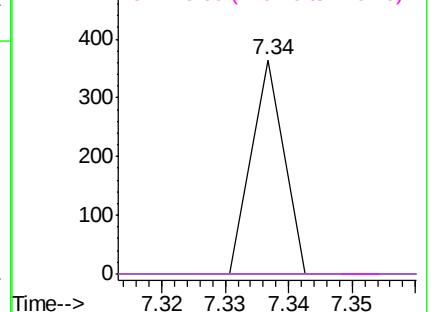
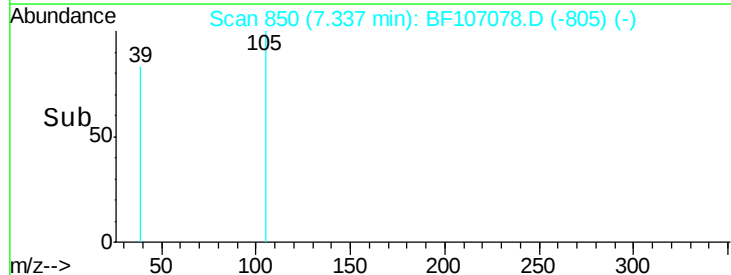


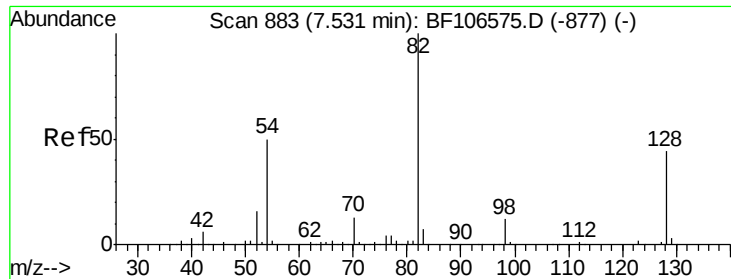
Abundance Ion 105.00 (104.70 to 105.70): E

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

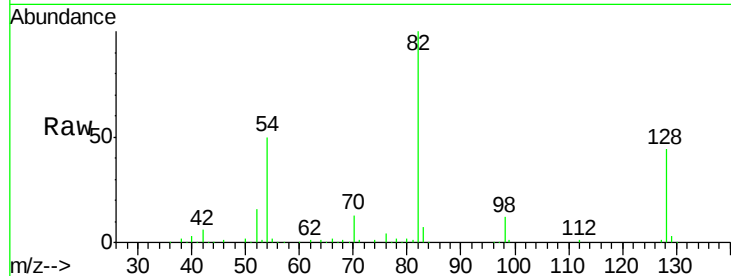




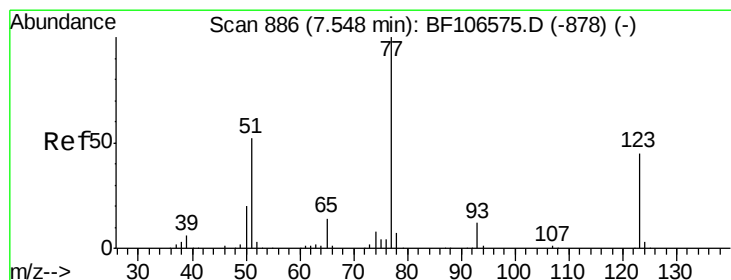
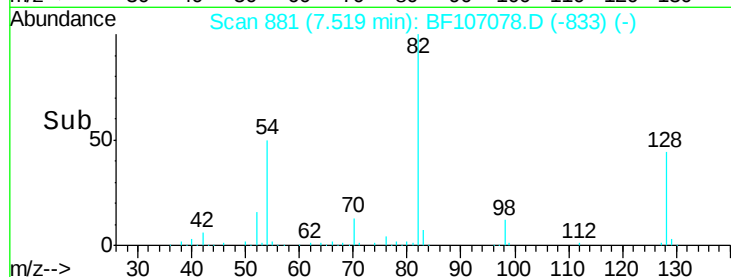
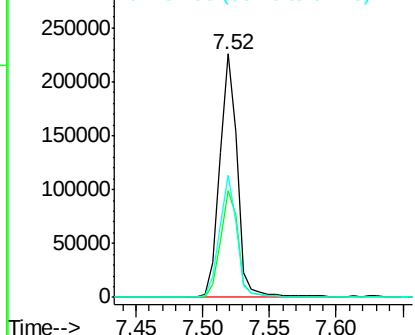
#23  
 Nitrobenzene-d5  
 Concen: 55.340 ng  
 RT: 7.52 min Scan# 881  
 Delta R.T. -0.02 min  
 Lab File: BF107078.D  
 Acq: 3 Jul 2018 13:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 A0C20-01

Tgt Ion: 82 Resp: 212559  
 Ion Ratio Lower Upper  
 82 100  
 128 44.0 36.1 54.1  
 54 50.3 41.4 62.2

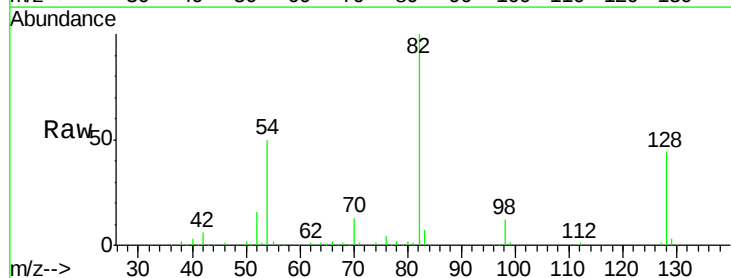


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

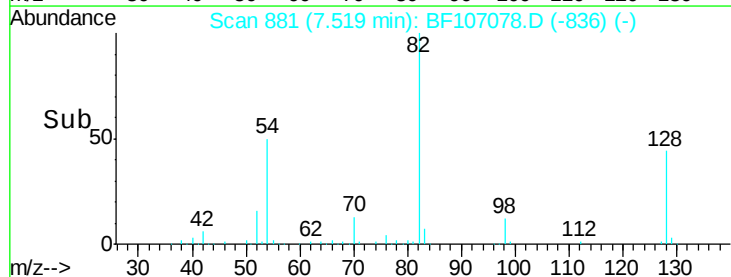
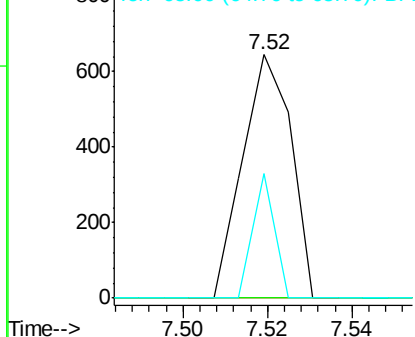


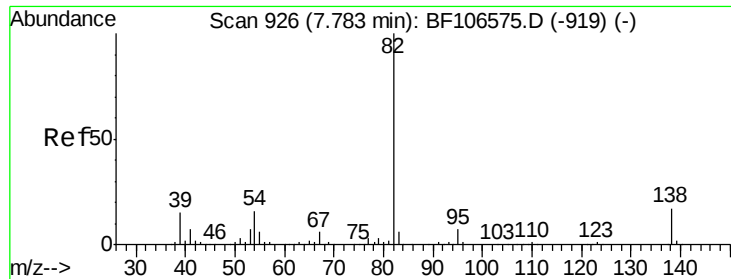
#24  
 Nitrobenzene  
 Concen: 0.131 ng  
 RT: 7.52 min Scan# 881  
 Delta R.T. -0.04 min  
 Lab File: BF107078.D  
 Acq: 3 Jul 2018 13:23

Tgt Ion: 77 Resp: 514  
 Ion Ratio Lower Upper  
 77 100  
 123 0.0 37.9 56.9#  
 65 51.3 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: 31.405 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF107078.D

Acq: 3 Jul 2018 13:23

Instrument :

BNA\_F

ClientSampleId :

A0C20-01

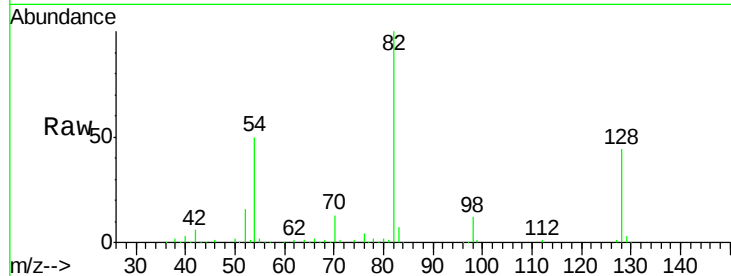
Tgt Ion: 82 Resp: 212557

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

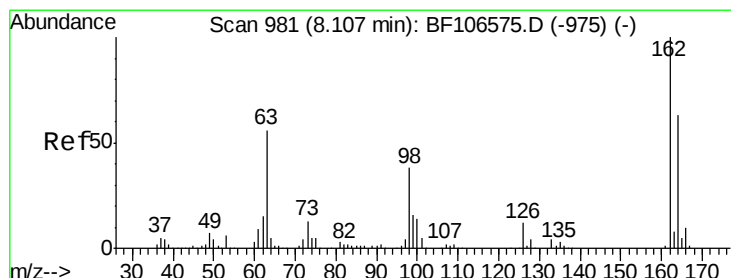
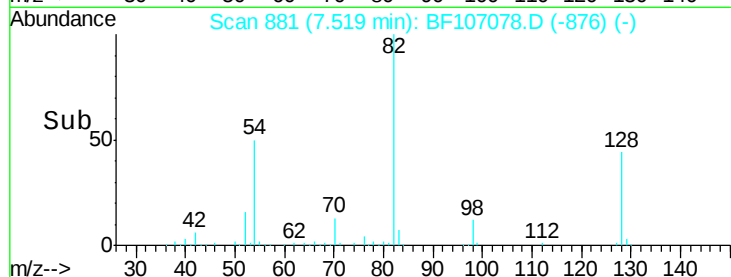
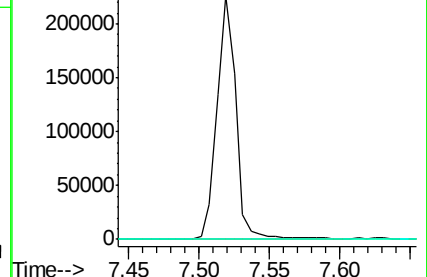
138 0.0 14.9 22.3#



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



#29

2,4-Dichlorophenol

Concen: 0.038 ng

RT: 8.17 min Scan# 991

Delta R.T. 0.05 min

Lab File: BF107078.D

Acq: 3 Jul 2018 13:23

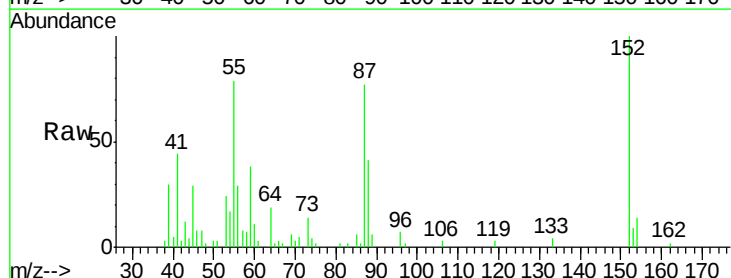
Tgt Ion: 162 Resp: 113

Ion Ratio Lower Upper

162 100

164 0.0 42.7 82.7#

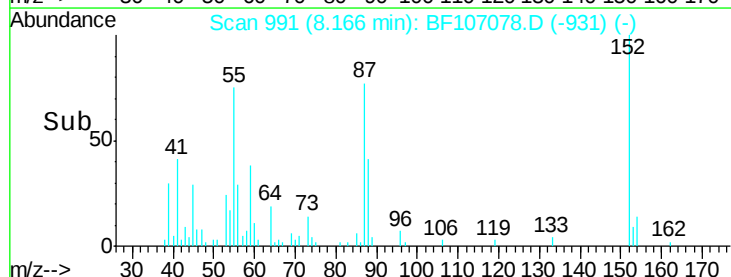
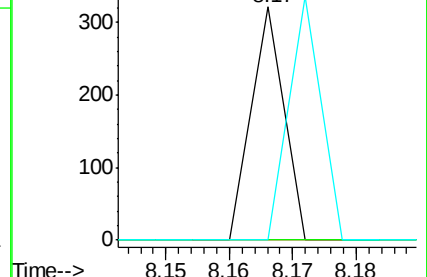
98 0.0 18.1 58.1#

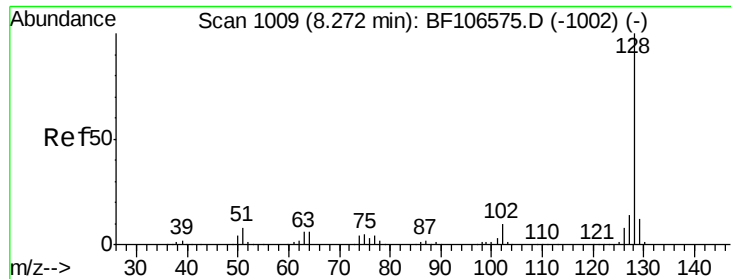


Abundance Ion 162.00 (161.70 to 162.70): BF1

Ion 164.00 (163.70 to 164.70): BF1

Ion 98.00 (97.70 to 98.70): BF1

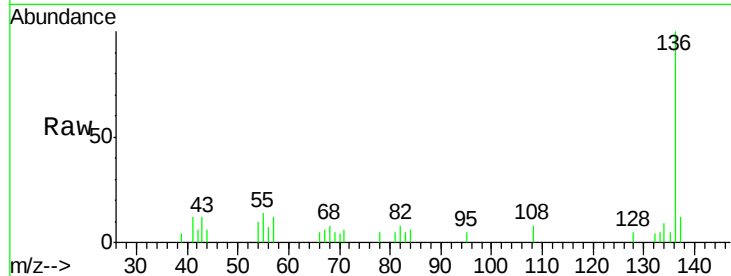




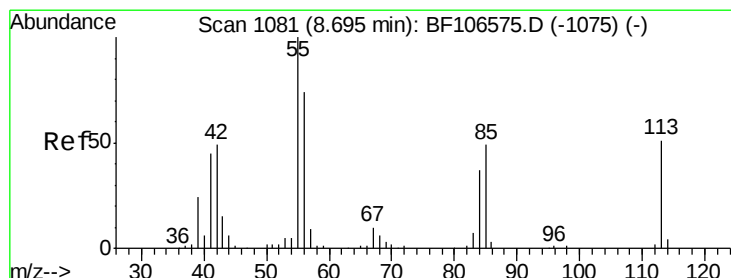
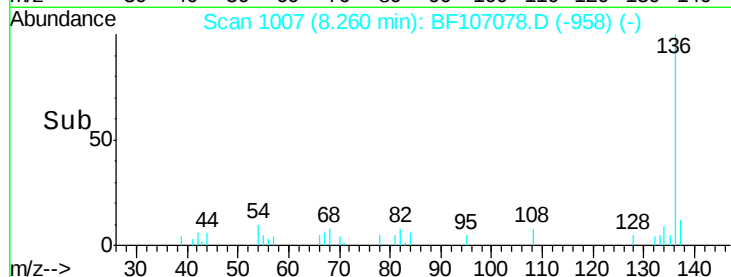
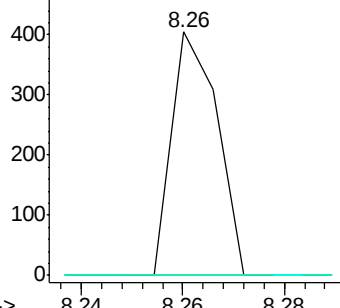
#31  
Naphthalene  
Concen: 0.025 ng  
RT: 8.26 min Scan# 1007  
Delta R.T. -0.01 min  
Lab File: BF107078.D  
Acq: 3 Jul 2018 13:23

Instrument :  
BNA\_F  
ClientSampleId :  
A0C20-01

Tgt Ion:128 Resp: 252  
Ion Ratio Lower Upper  
128 100  
129 0.0 8.8 13.2#  
127 0.0 10.9 16.3#

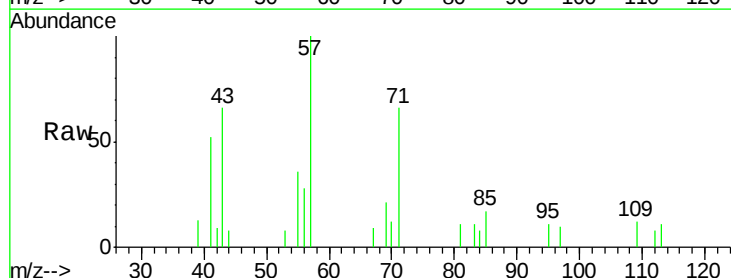


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

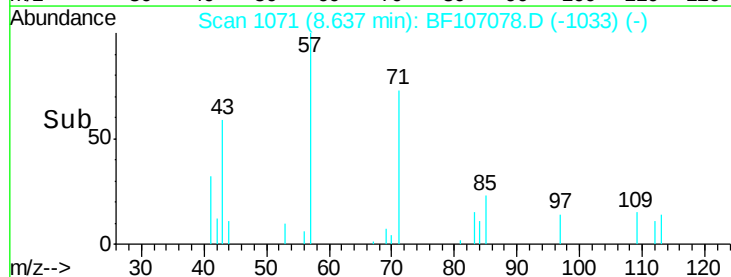
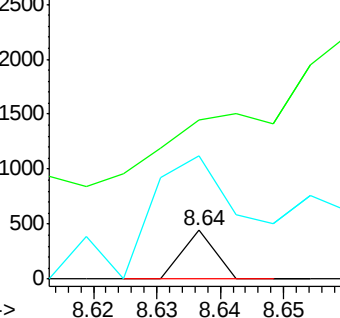


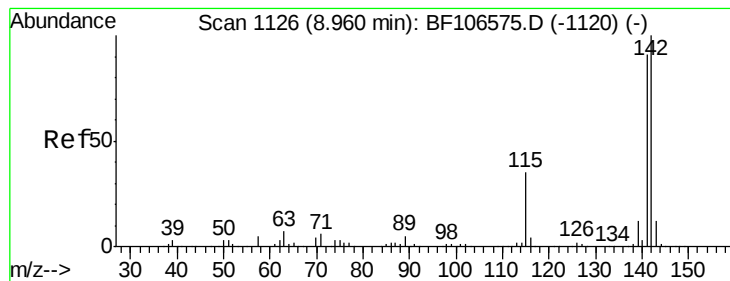
#35  
Caprolactam  
Concen: 0.160 ng  
RT: 8.64 min Scan# 1071  
Delta R.T. -0.08 min  
Lab File: BF107078.D  
Acq: 3 Jul 2018 13:23

Tgt Ion:113 Resp: 156  
Ion Ratio Lower Upper  
113 100  
55 327.9 163.3 203.3#  
56 253.3 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BF1  
Ion 56.00 (55.70 to 56.70): BF1

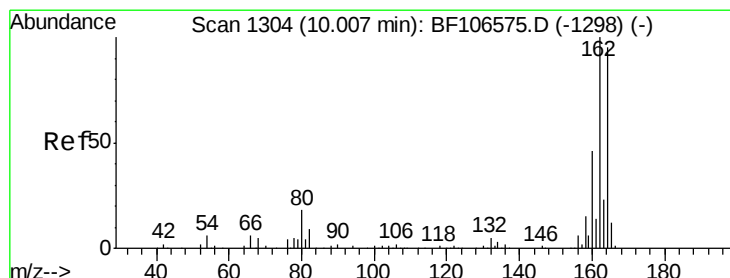
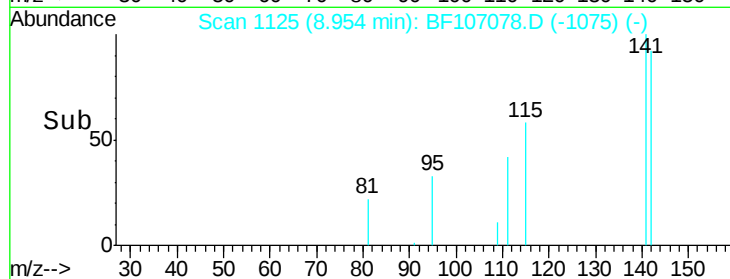
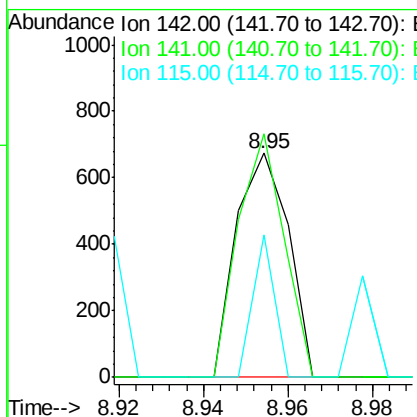
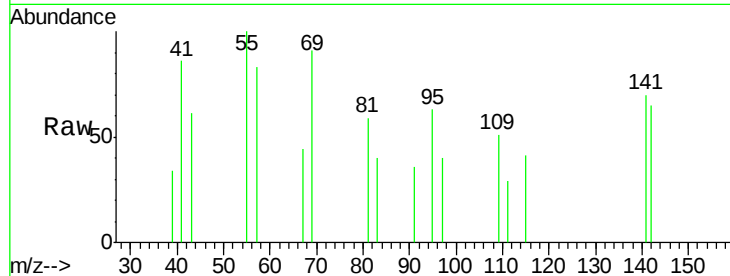




#37  
 2-Methylnaphthalene  
 Concen: 0.087 ng  
 RT: 8.95 min Scan# 1125  
 Delta R.T. -0.01 min  
 Lab File: BF107078.D  
 Acq: 3 Jul 2018 13:23

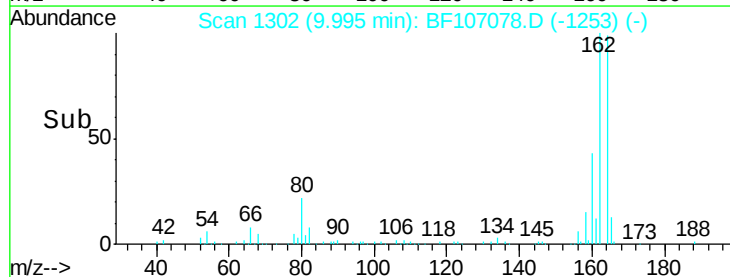
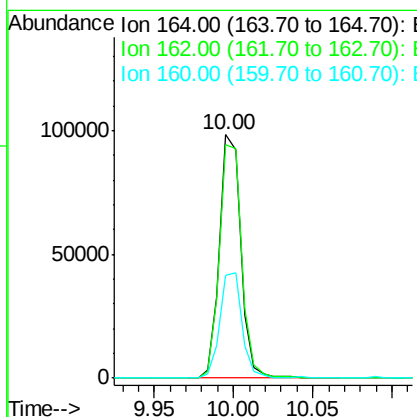
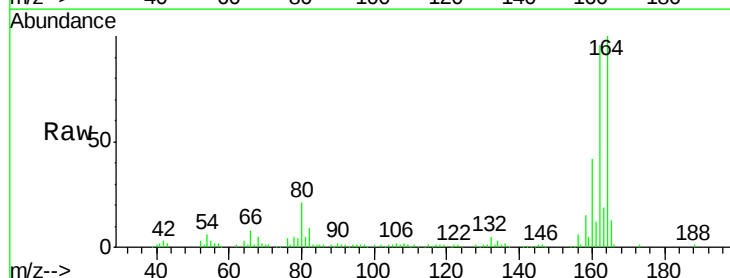
Instrument :  
 BNA\_F  
 ClientSampleId :  
 A0C20-01

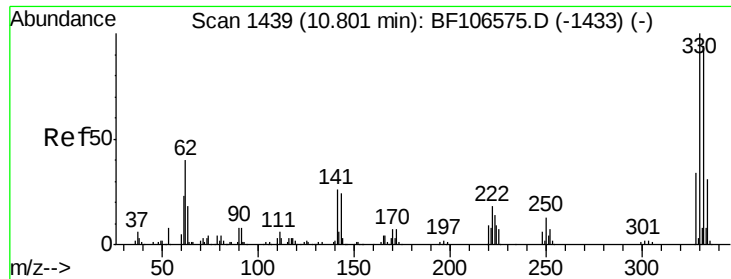
Tgt Ion:142 Resp: 576  
 Ion Ratio Lower Upper  
 142 100  
 141 108.6 70.8 106.2#  
 115 63.5 26.1 39.1#



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 10.00 min Scan# 1302  
 Delta R.T. -0.01 min  
 Lab File: BF107078.D  
 Acq: 3 Jul 2018 13:23

Tgt Ion:164 Resp: 92107  
 Ion Ratio Lower Upper  
 164 100  
 162 95.8 86.1 129.1  
 160 42.1 38.3 57.5

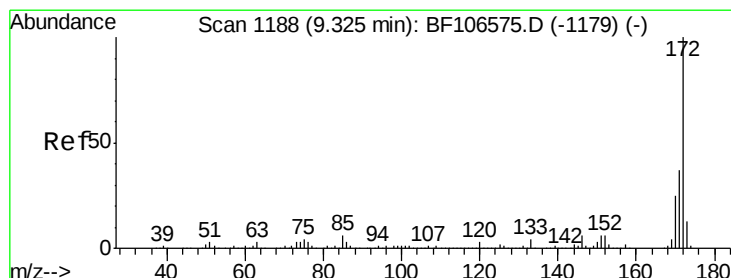
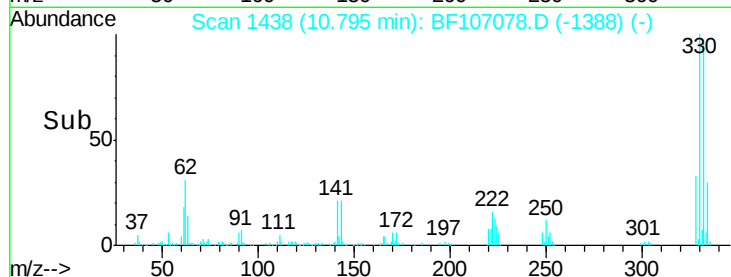
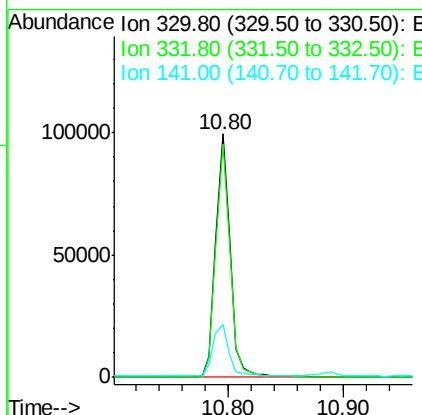
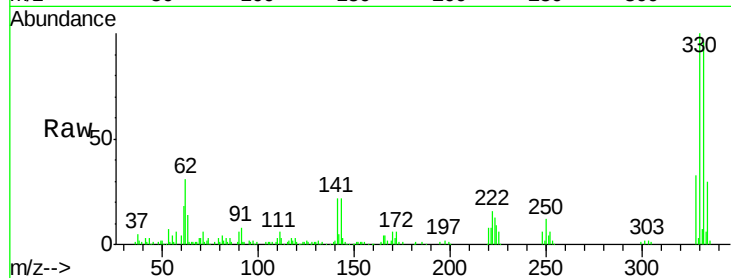




#41  
 2,4,6-Tribromophenol  
 Concen: 81.396 ng  
 RT: 10.80 min Scan# 1438  
 Delta R.T. -0.01 min  
 Lab File: BF107078.D  
 Acq: 3 Jul 2018 13:23

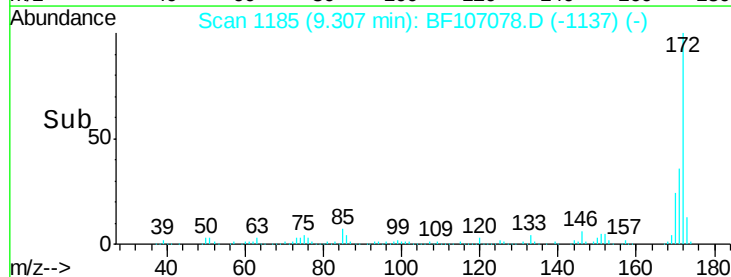
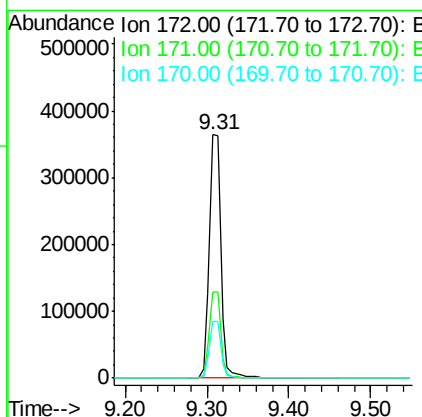
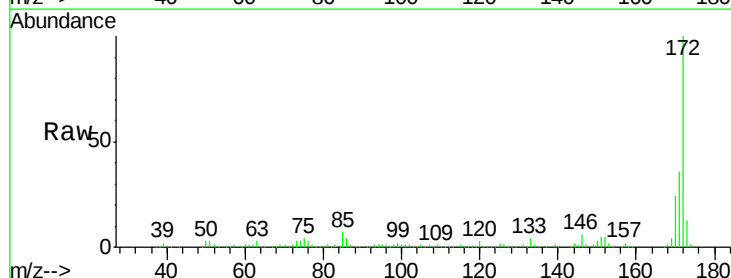
Instrument :  
 BNA\_F  
 ClientSampled :  
 A0C20-01

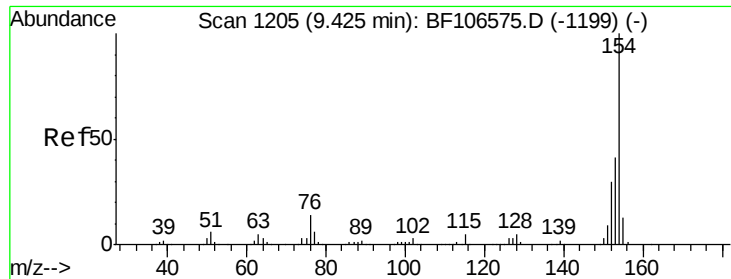
Tgt Ion:330 Resp: 86894  
 Ion Ratio Lower Upper  
 330 100  
 332 95.3 77.0 115.6  
 141 23.6 29.9 44.9#



#44  
 2-Fluorobiphenyl  
 Concen: 61.486 ng  
 RT: 9.31 min Scan# 1185  
 Delta R.T. -0.02 min  
 Lab File: BF107078.D  
 Acq: 3 Jul 2018 13:23

Tgt Ion:172 Resp: 356791  
 Ion Ratio Lower Upper  
 172 100  
 171 35.5 29.7 44.5  
 170 23.5 19.6 29.4

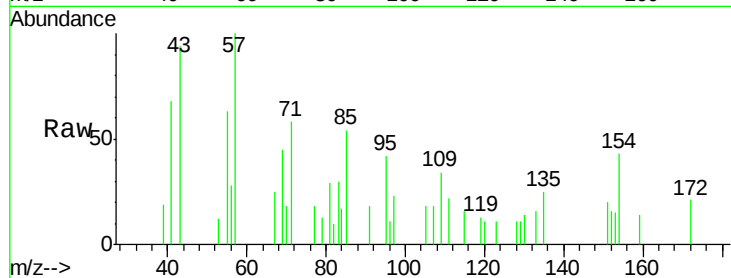




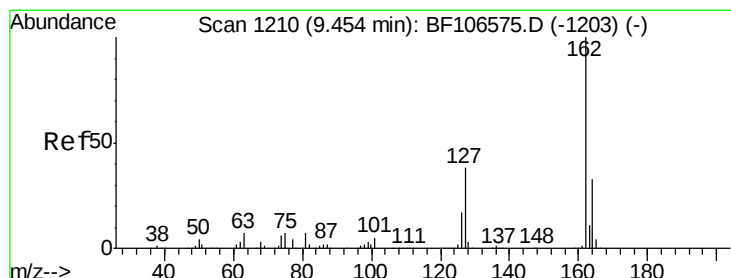
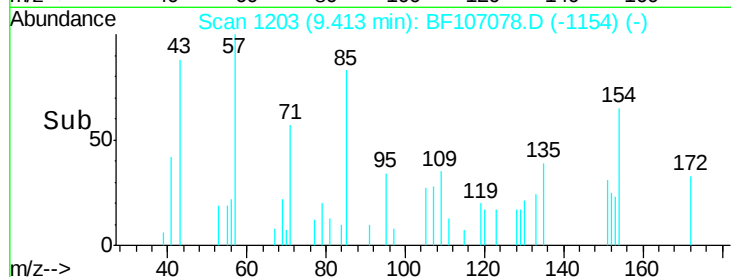
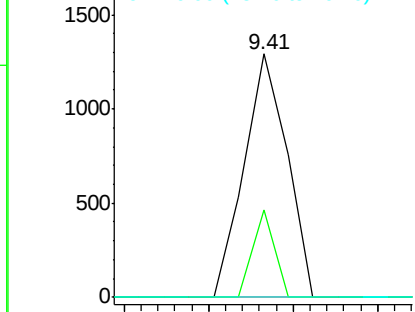
#45  
 1,1'-Biphenyl  
 Concen: 0.124 ng  
 RT: 9.41 min Scan# 1203  
 Delta R.T. -0.01 min  
 Lab File: BF107078.D  
 Acq: 3 Jul 2018 13:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 A0C20-01

Tgt Ion:154 Resp: 911  
 Ion Ratio Lower Upper  
 154 100  
 153 36.0 21.3 61.3  
 76 0.0 0.0 34.0

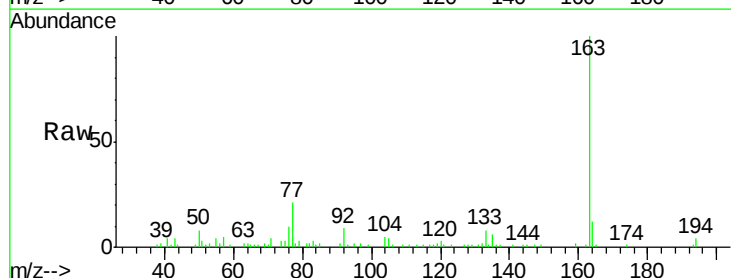


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF1

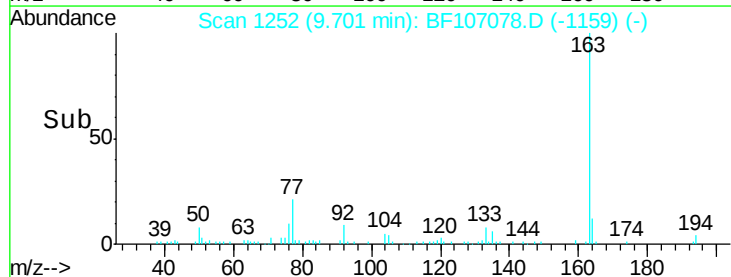
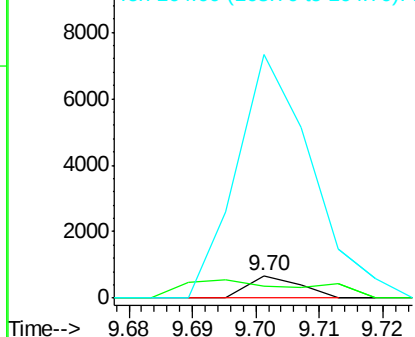


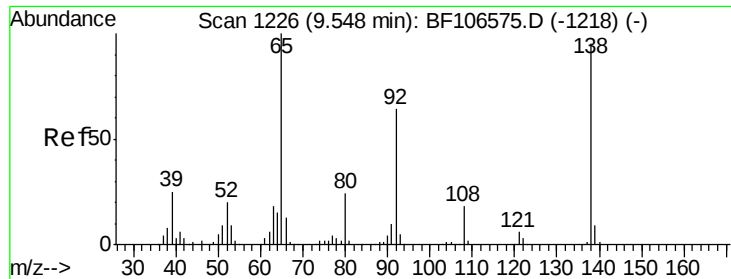
#46  
 2-Chloronaphthalene  
 Concen: 0.065 ng  
 RT: 9.70 min Scan# 1252  
 Delta R.T. 0.25 min  
 Lab File: BF107078.D  
 Acq: 3 Jul 2018 13:23

Tgt Ion:162 Resp: 374  
 Ion Ratio Lower Upper  
 162 100  
 127 50.3 33.9 50.9  
 164 1081.0 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

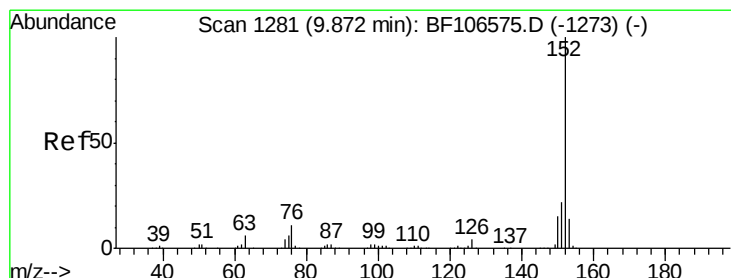
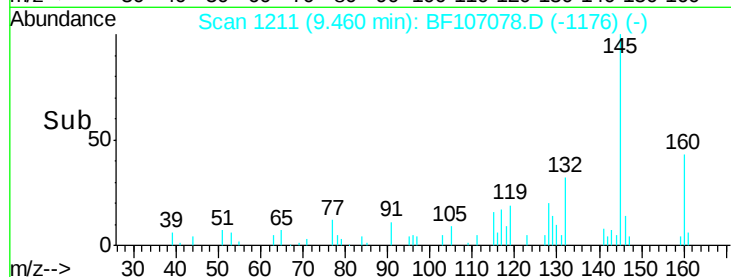
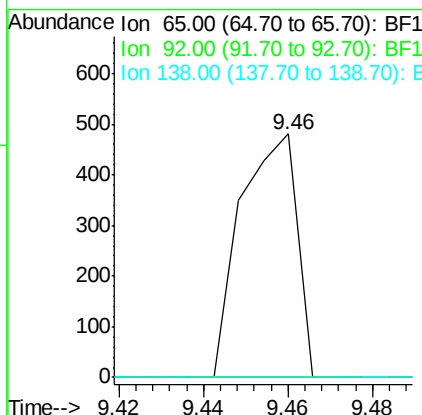
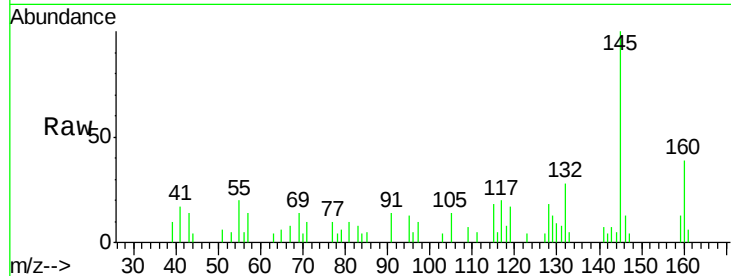




#47  
2-Nitroaniline  
Concen: 0.229 ng  
RT: 9.46 min Scan# 1211  
Delta R.T. -0.09 min  
Lab File: BF107078.D  
Acq: 3 Jul 2018 13:23

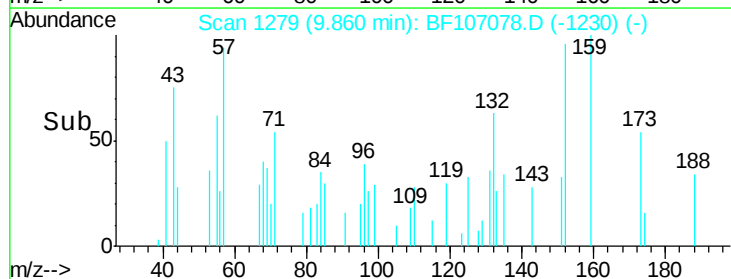
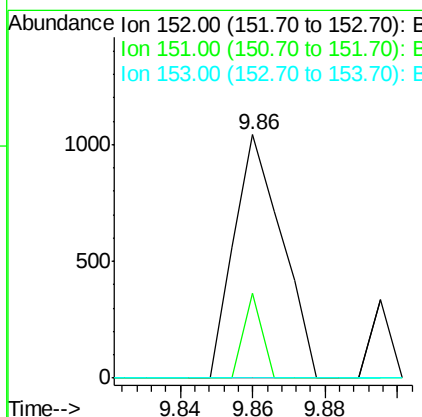
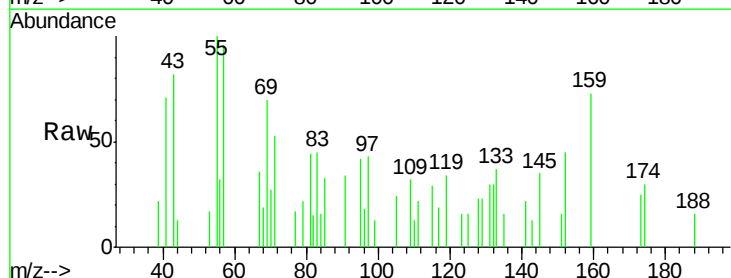
Instrument :  
BNA\_F  
ClientSampleId :  
A0C20-01

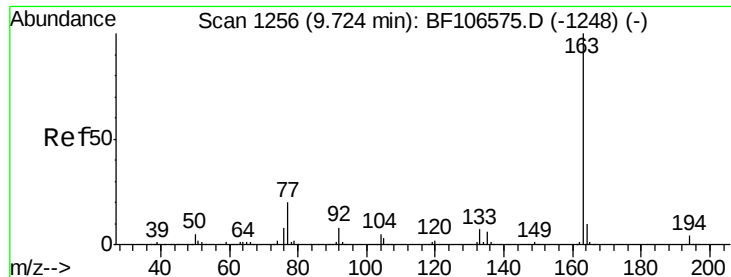
Tgt Ion: 65 Resp: 444  
Ion Ratio Lower Upper  
65 100  
92 0.0 55.8 83.6#  
138 0.0 91.2 136.8#



#48  
Acenaphthylene  
Concen: 0.106 ng  
RT: 9.86 min Scan# 1279  
Delta R.T. -0.01 min  
Lab File: BF107078.D  
Acq: 3 Jul 2018 13:23

Tgt Ion: 152 Resp: 966  
Ion Ratio Lower Upper  
152 100  
151 34.7 16.3 24.5#  
153 0.0 10.7 16.1#

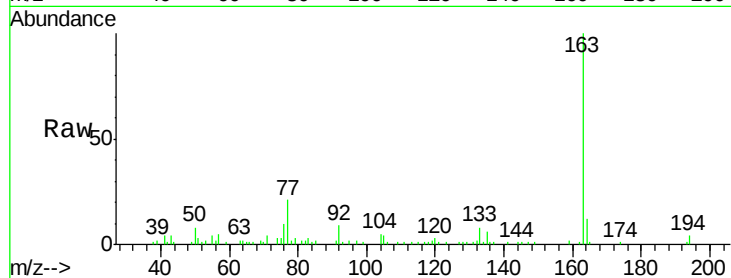




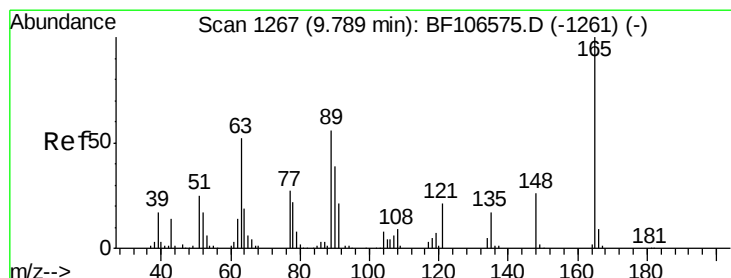
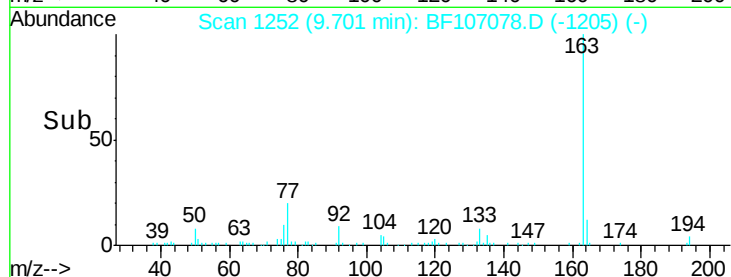
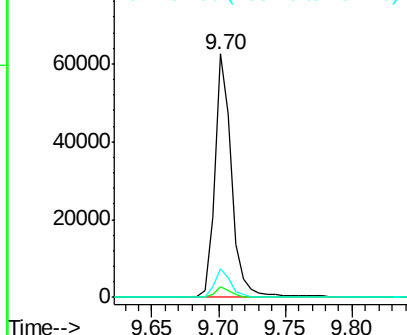
#49  
Dimethylphthalate  
Concen: 8.052 ng  
RT: 9.70 min Scan# 1252  
Delta R.T. -0.02 min  
Lab File: BF107078.D  
Acq: 3 Jul 2018 13:23

Instrument :  
BNA\_F  
ClientSampleId :  
A0C20-01

Tgt Ion:163 Resp: 55623  
Ion Ratio Lower Upper  
163 100  
194 4.2 2.7 4.1#  
164 11.7 8.2 12.2

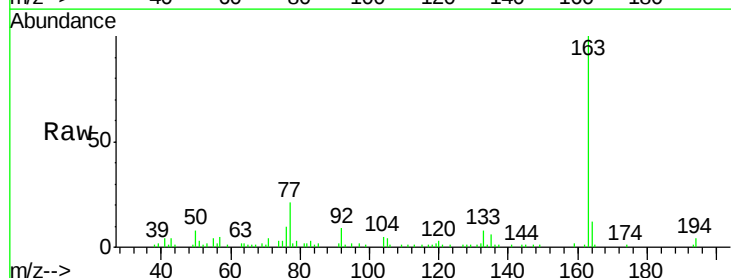


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

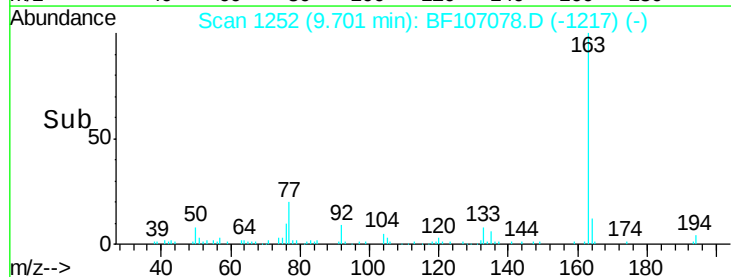
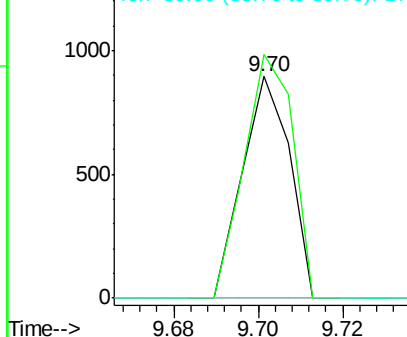


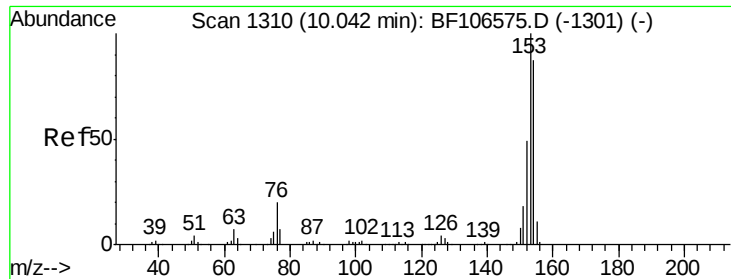
#50  
2,6-Dinitrotoluene  
Concen: 0.473 ng  
RT: 9.70 min Scan# 1252  
Delta R.T. -0.09 min  
Lab File: BF107078.D  
Acq: 3 Jul 2018 13:23

Tgt Ion:165 Resp: 692  
Ion Ratio Lower Upper  
165 100  
63 109.9 44.7 67.1#  
89 0.0 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: 0.018 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF107078.D

Acq: 3 Jul 2018 13:23

Instrument :

BNA\_F

ClientSampleId :

A0C20-01

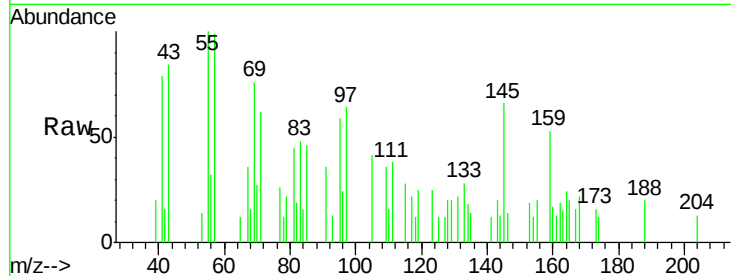
Tgt Ion:154 Resp: 106

Ion Ratio Lower Upper

154 100

153 158.1 91.2 136.8#

152 0.0 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

600

500

400

300

200

100

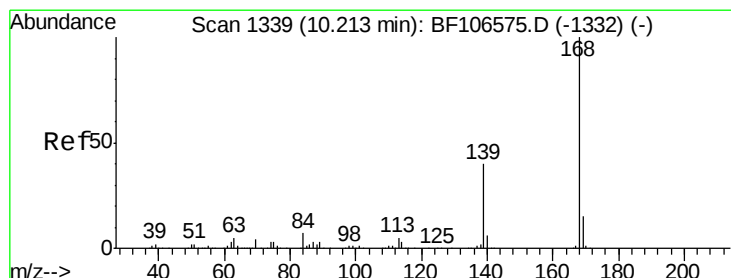
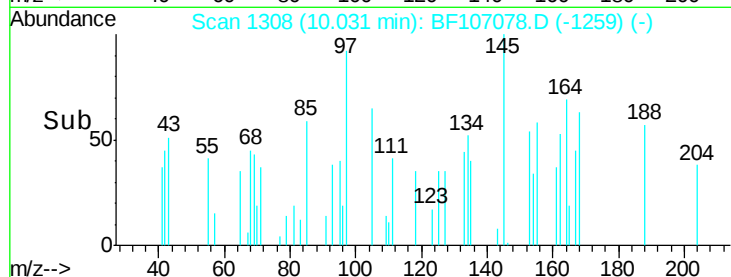
0

10.02

10.03

10.04

Time-->



#54

Dibenzofuran

Concen: 0.040 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.18 min

Lab File: BF107078.D

Acq: 3 Jul 2018 13:23

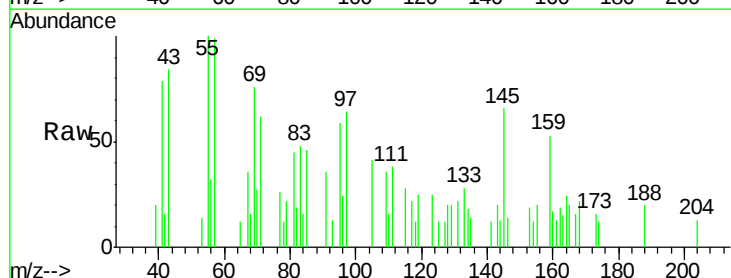
Tgt Ion:168 Resp: 315

Ion Ratio Lower Upper

168 100

139 0.0 30.1 45.1#

169 0.0 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

600

400

200

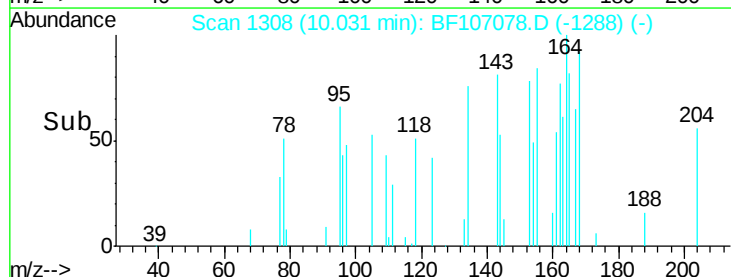
0

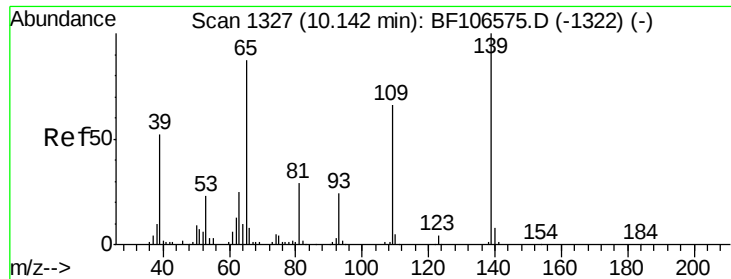
10.02

10.03

10.04

Time-->





#55

4-Nitrophenol

Concen: 0.097 ng

RT: 10.10 min Scan# 1319

Delta R.T. -0.05 min

Lab File: BF107078.D

Acq: 3 Jul 2018 13:23

Instrument :

BNA\_F

ClientSampleId :

A0C20-01

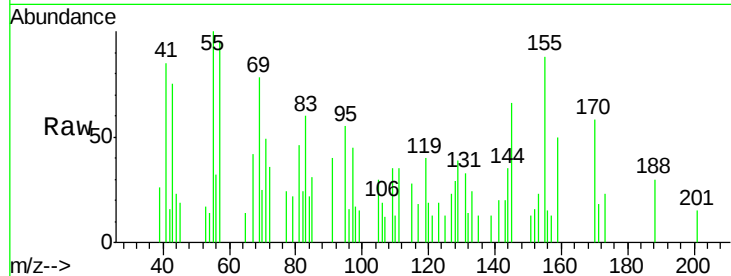
Tgt Ion:139 Resp: 114

Ion Ratio Lower Upper

139 100

109 271.2 48.4 88.4#

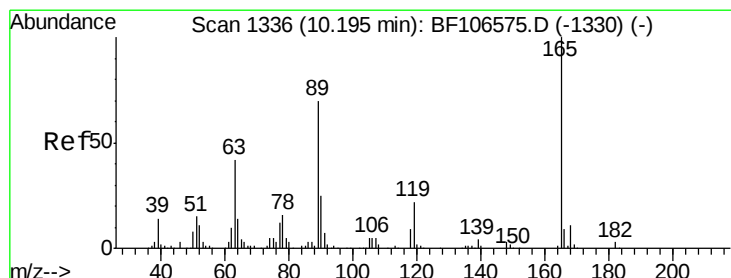
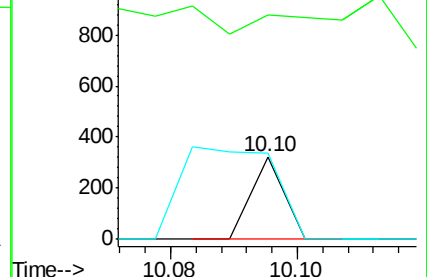
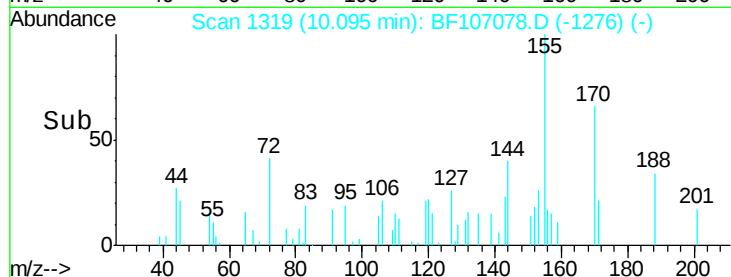
65 105.0 72.6 112.6



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: 0.421 ng

RT: 10.20 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF107078.D

Acq: 3 Jul 2018 13:23

Tgt Ion:165 Resp: 803

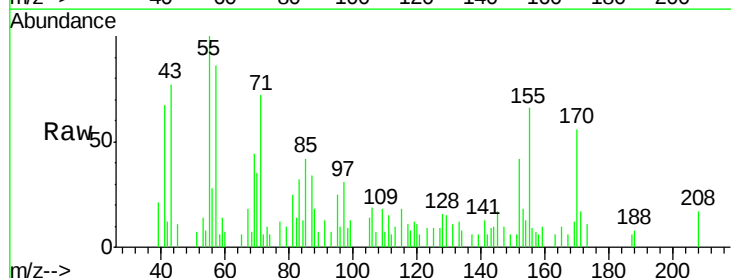
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 69.8 57.8 86.6

182 0.0 1.6 2.4#

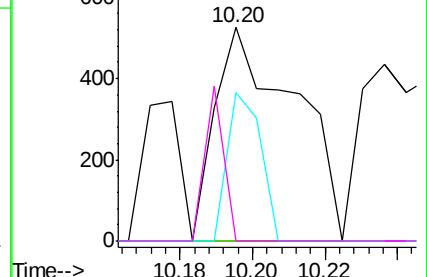
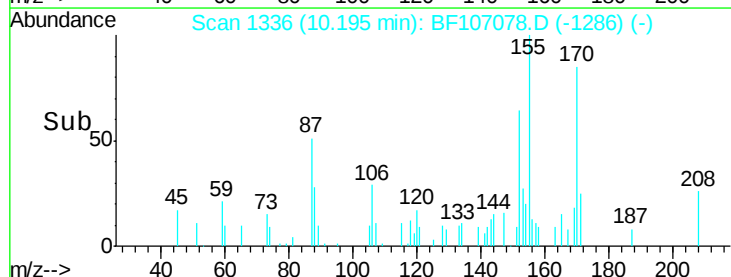


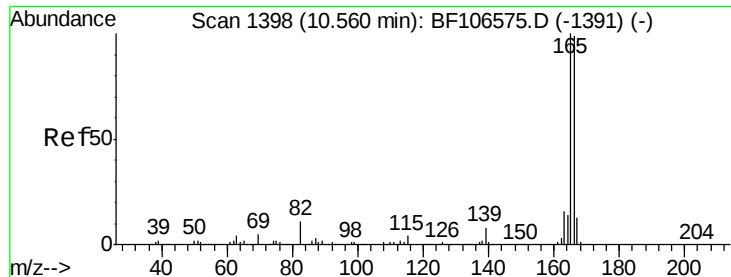
Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.172 ng

RT: 10.55 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF107078.D

Acq: 3 Jul 2018 13:23

Instrument :

BNA\_F

ClientSampleId :

A0C20-01

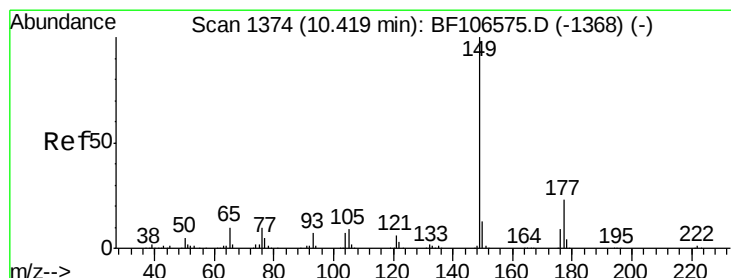
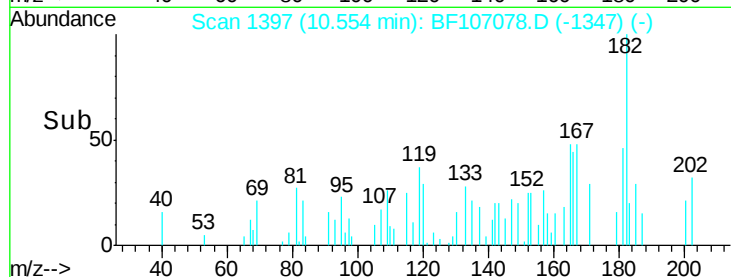
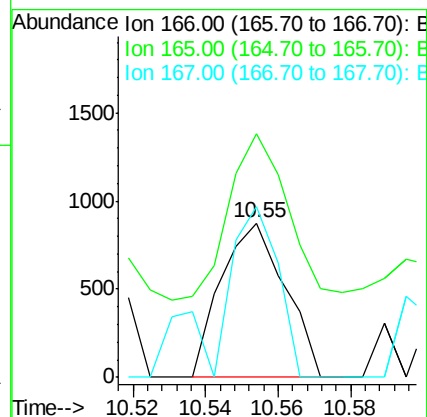
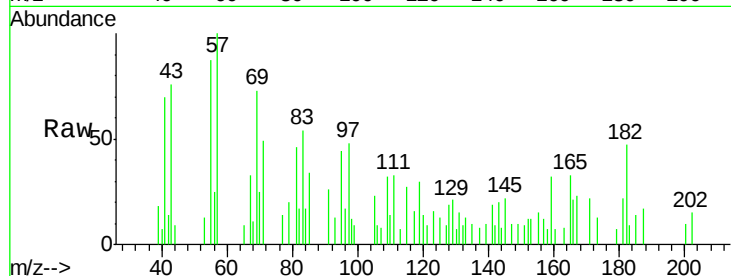
Tgt Ion:166 Resp: 1073

Ion Ratio Lower Upper

166 100

165 158.0 79.8 119.8#

167 110.9 10.6 16.0#



#59

Diethylphthalate

Concen: 0.223 ng

RT: 10.40 min Scan# 1371

Delta R.T. -0.02 min

Lab File: BF107078.D

Acq: 3 Jul 2018 13:23

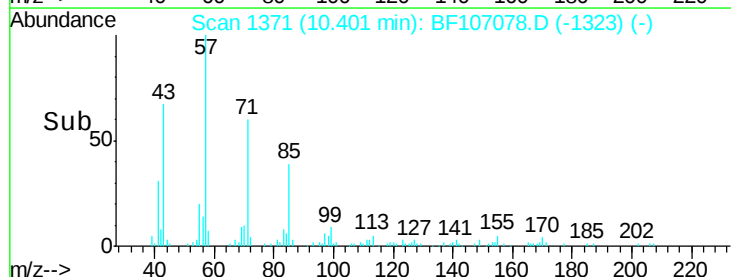
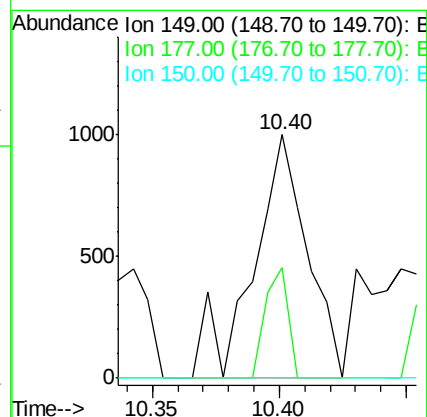
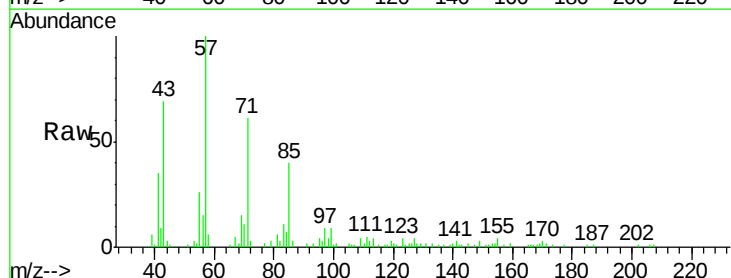
Tgt Ion:149 Resp: 1489

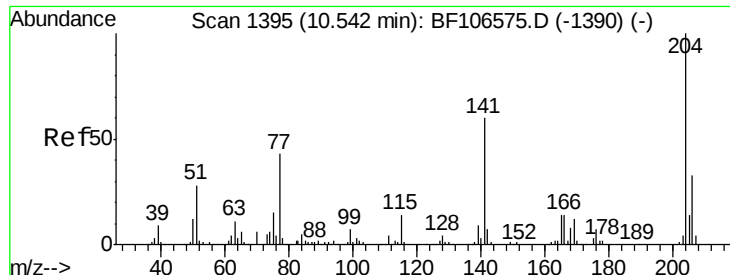
Ion Ratio Lower Upper

149 100

177 45.2 16.1 24.1#

150 0.0 10.1 15.1#

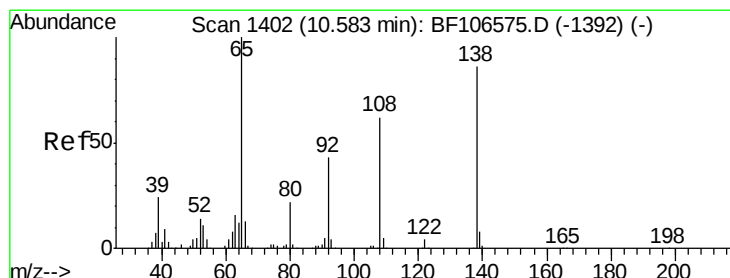
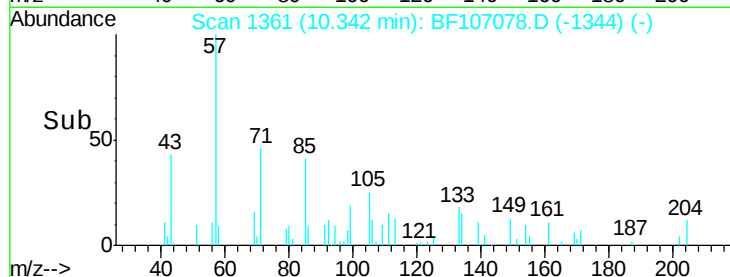
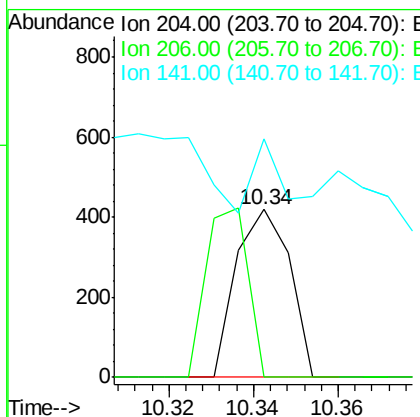
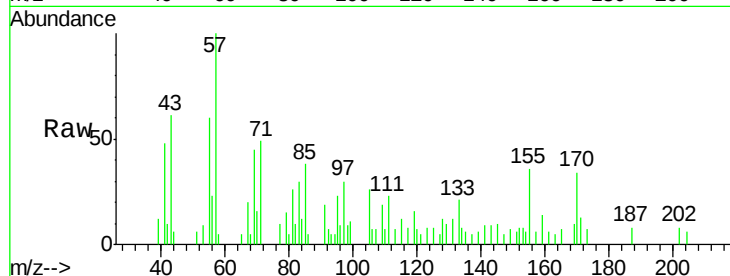




#60  
 4-Chlorophenyl-phenylether  
 Concen: 0.113 ng  
 RT: 10.34 min Scan# 1361  
 Delta R.T. -0.20 min  
 Lab File: BF107078.D  
 Acq: 3 Jul 2018 13:23

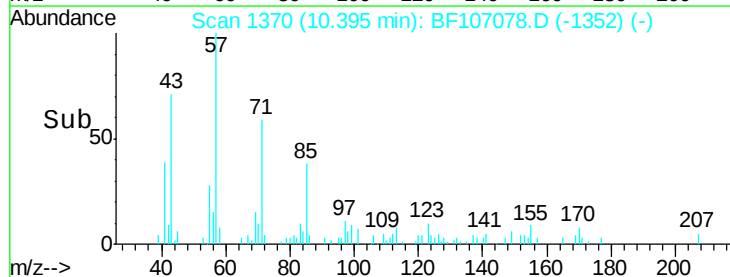
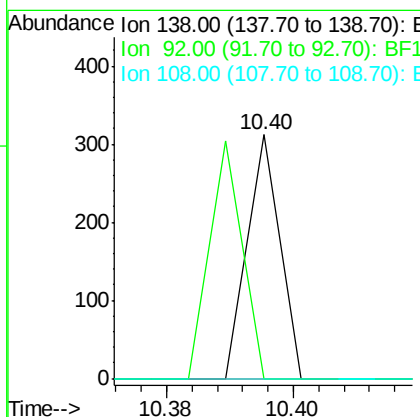
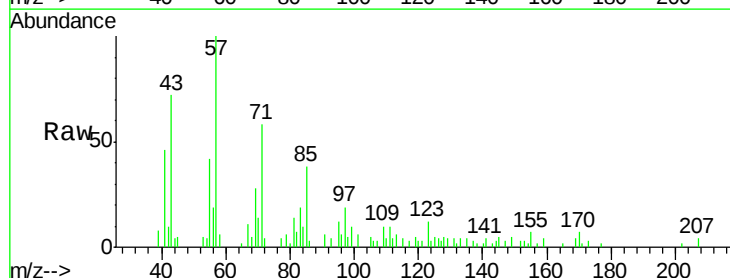
Instrument :  
 BNA\_F  
 ClientSampleId :  
 A0C20-01

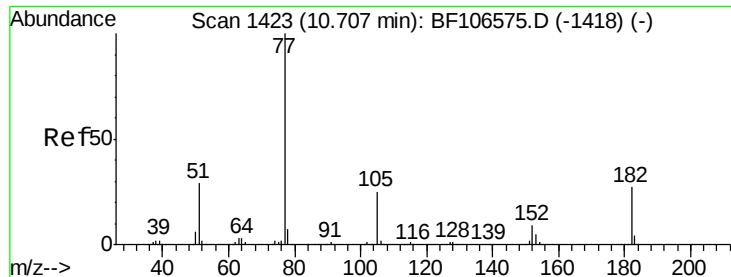
Tgt Ion: 204 Resp: 370  
 Ion Ratio Lower Upper  
 204 100  
 206 0.0 26.5 39.7#  
 141 142.2 54.6 81.8#



#61  
 4-Nitroaniline  
 Concen: 0.066 ng  
 RT: 10.40 min Scan# 1370  
 Delta R.T. -0.19 min  
 Lab File: BF107078.D  
 Acq: 3 Jul 2018 13:23

Tgt Ion: 138 Resp: 110  
 Ion Ratio Lower Upper  
 138 100  
 92 0.0 30.2 70.2#  
 108 0.0 52.5 92.5#





#62

Azobenzene

Concen: 0.033 ng

RT: 10.71 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF107078.D

Acq: 3 Jul 2018 13:23

Instrument :

BNA\_F

ClientSampleId :

A0C20-01

Tgt Ion: 77 Resp: 217

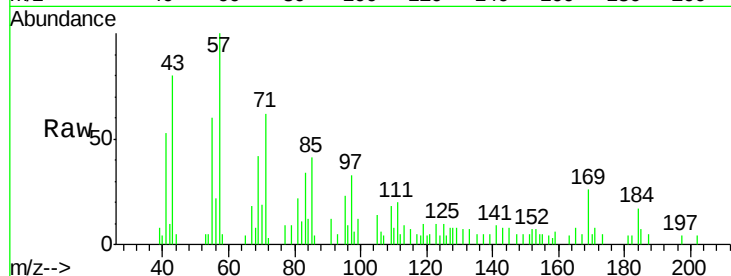
Ion Ratio Lower Upper

77 100

182 48.0 1.7 41.7#

105 159.7 3.0 43.0#

51 0.0 9.9 49.9#

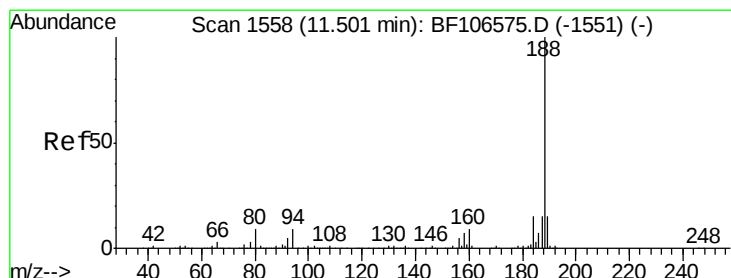
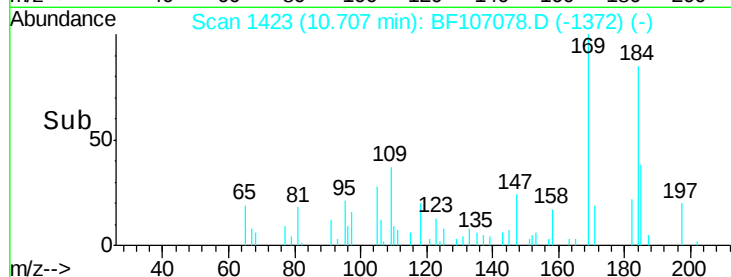
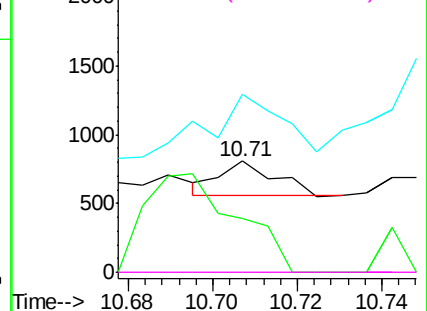


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF107078.D

Acq: 3 Jul 2018 13:23

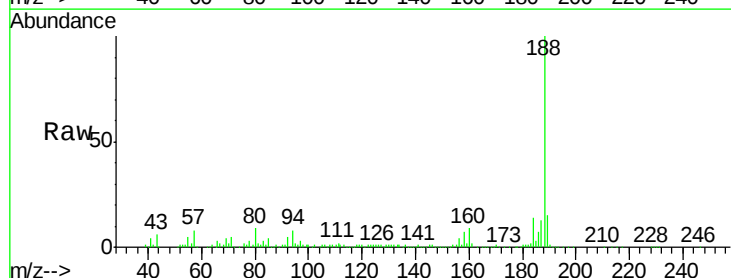
Tgt Ion: 188 Resp: 163966

Ion Ratio Lower Upper

188 100

94 8.0 8.5 12.7#

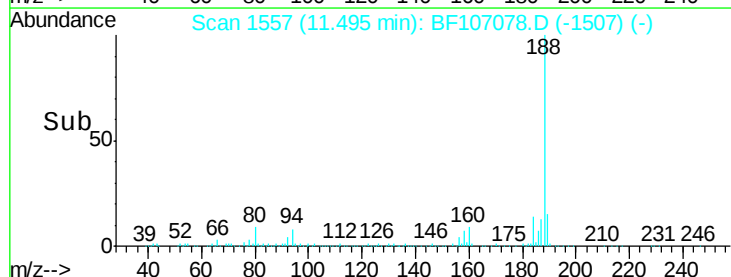
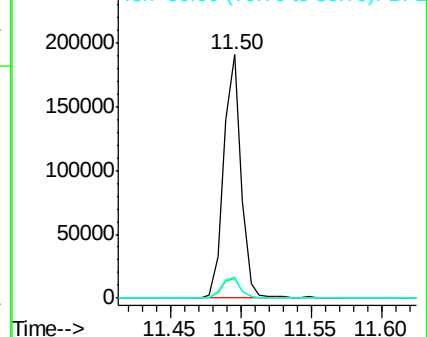
80 8.7 9.2 13.8#

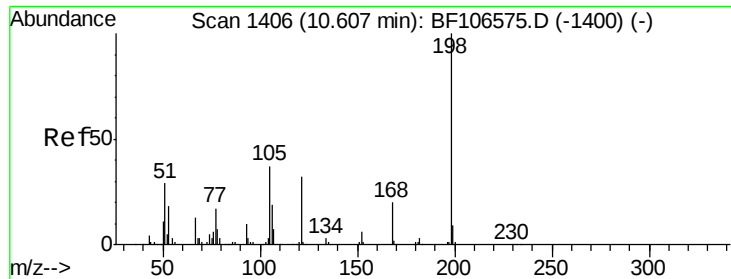


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

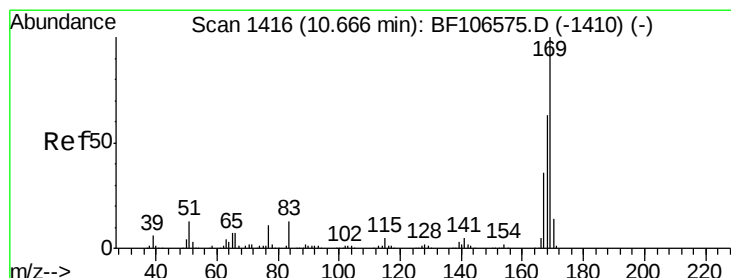
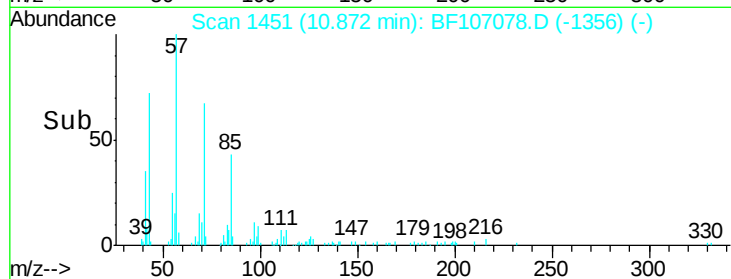
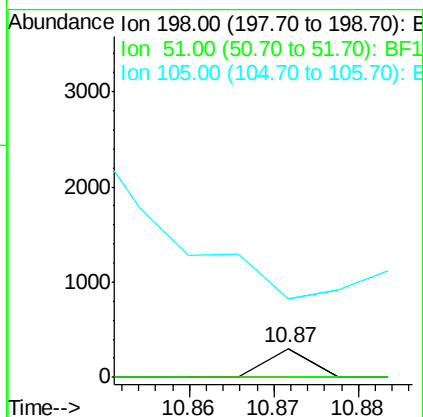
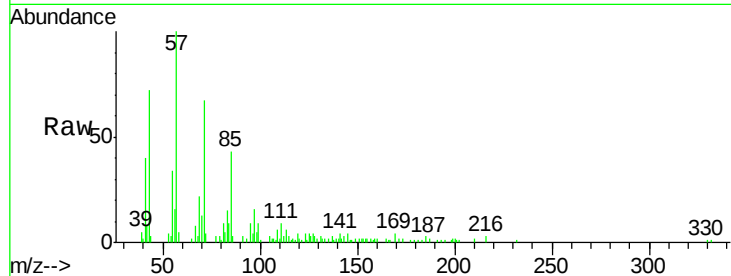




#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 0.106 ng  
 RT: 10.87 min Scan# 1451  
 Delta R.T. 0.26 min  
 Lab File: BF107078.D  
 Acq: 3 Jul 2018 13:23

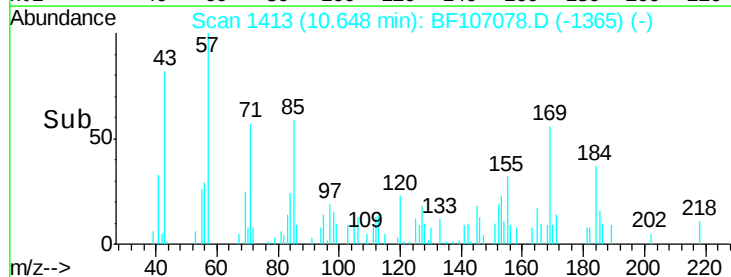
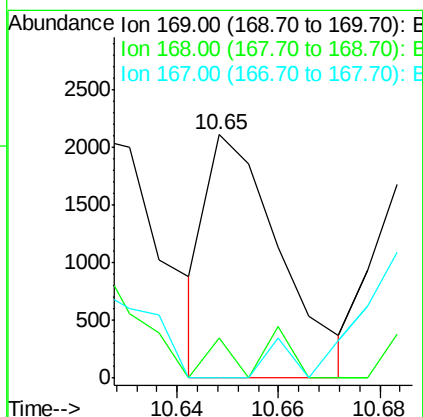
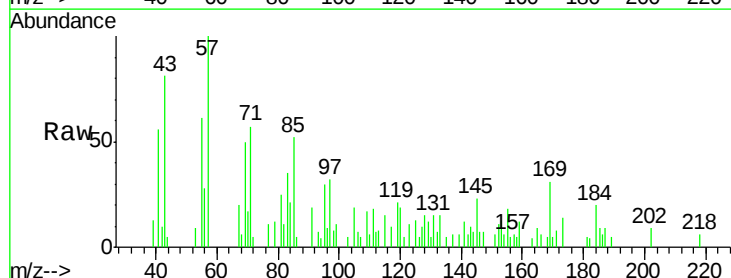
Instrument :  
 BNA\_F  
 ClientSampleId :  
 A0C20-01

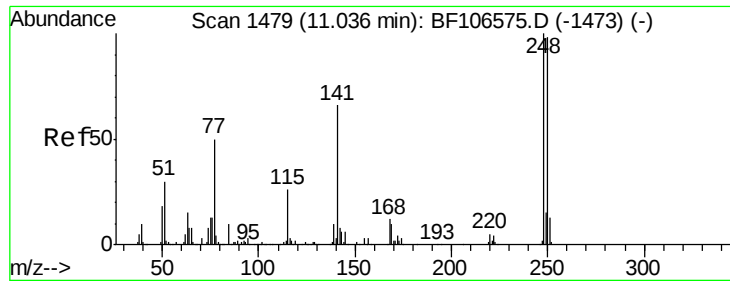
Tgt Ion:198 Resp: 107  
 Ion Ratio Lower Upper  
 198 100  
 51 0.0 37.7 77.7#  
 105 272.6 36.3 76.3#



#65  
 n-Nitrosodiphenylamine  
 Concen: 0.385 ng  
 RT: 10.65 min Scan# 1413  
 Delta R.T. -0.02 min  
 Lab File: BF107078.D  
 Acq: 3 Jul 2018 13:23

Tgt Ion:169 Resp: 2125  
 Ion Ratio Lower Upper  
 169 100  
 168 16.5 54.4 81.6#  
 167 0.0 29.8 44.6#

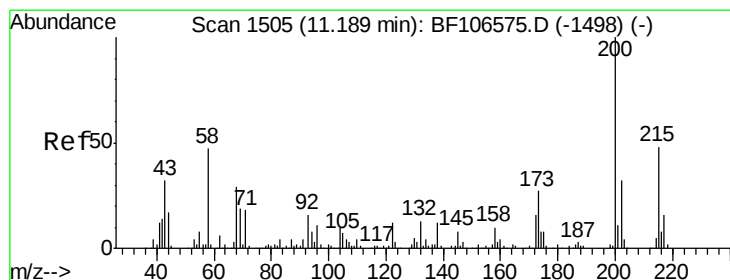
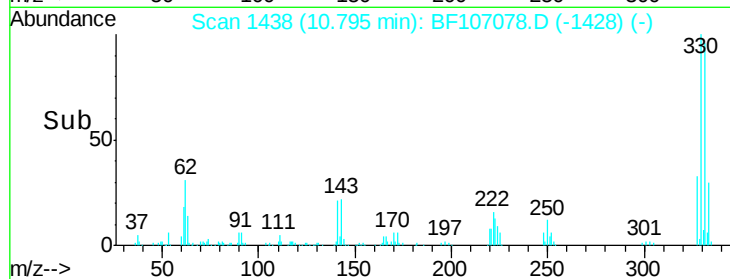
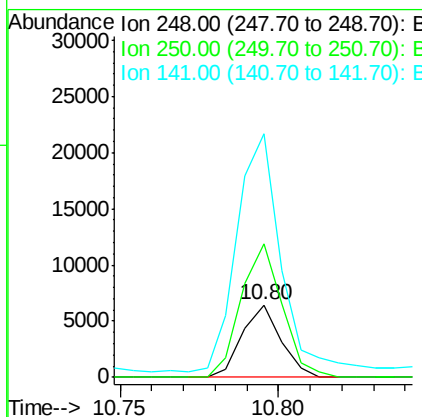
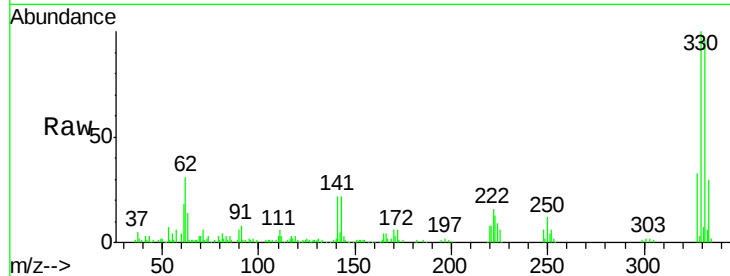




#66  
 4-Bromophenyl-phenylether  
 Concen: 2.788 ng  
 RT: 10.80 min Scan# 1438  
 Delta R.T. -0.24 min  
 Lab File: BF107078.D  
 Acq: 3 Jul 2018 13:23

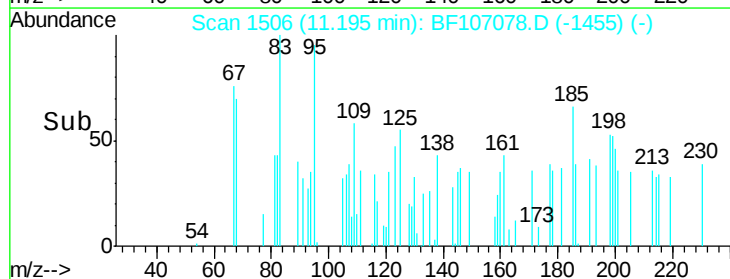
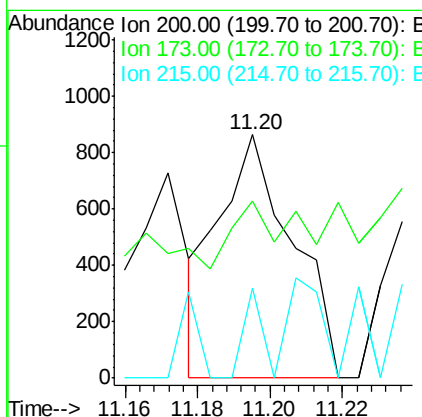
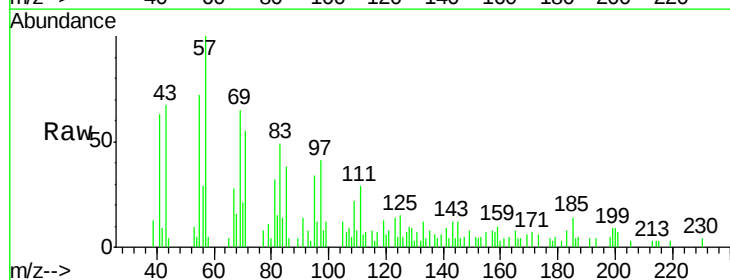
Instrument :  
 BNA\_F  
 ClientSampleId :  
 A0C20-01

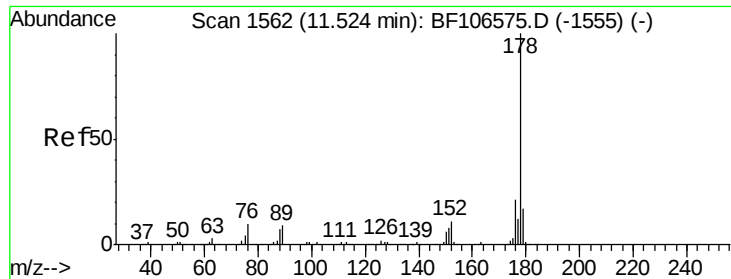
| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 248     | 100   |       |        |
| 250     | 184.9 | 76.9  | 115.3# |
| 141     | 335.8 | 74.4  | 111.6# |



#68  
 Atrazine  
 Concen: 0.700 ng  
 RT: 11.20 min Scan# 1506  
 Delta R.T. 0.00 min  
 Lab File: BF107078.D  
 Acq: 3 Jul 2018 13:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 72.7  | 8.6   | 48.6# |
| 215     | 36.8  | 25.1  | 65.1  |

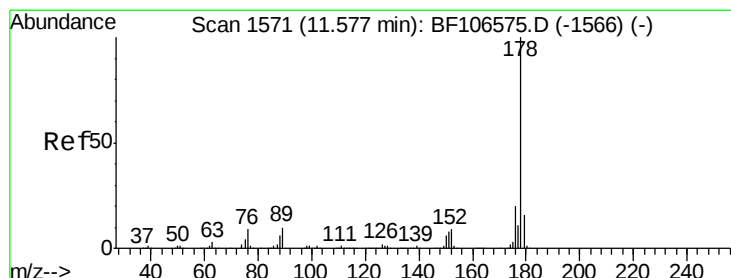
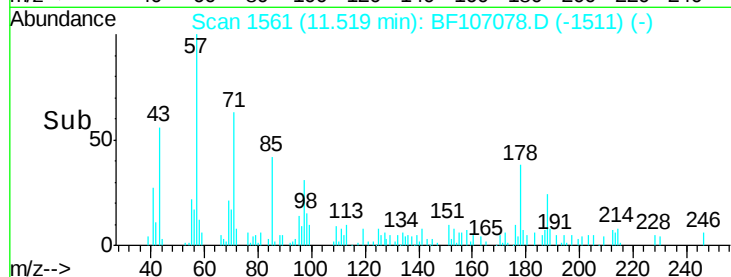
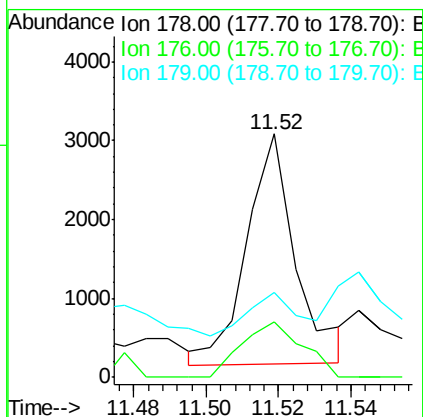
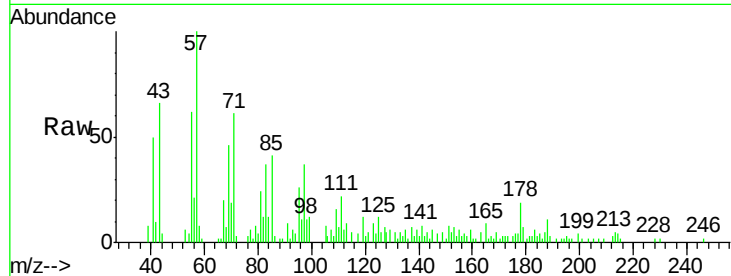




#70  
Phenanthrene  
Concen: 0.346 ng  
RT: 11.52 min Scan# 1561  
Delta R.T. -0.01 min  
Lab File: BF107078.D  
Acq: 3 Jul 2018 13:23

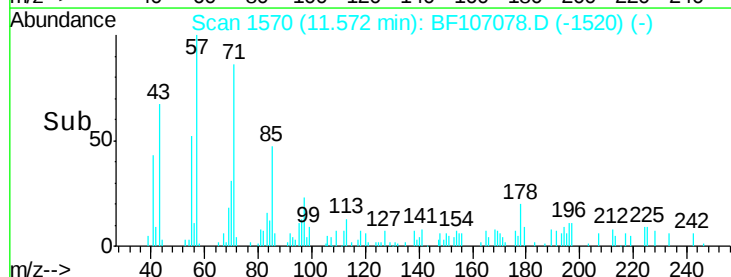
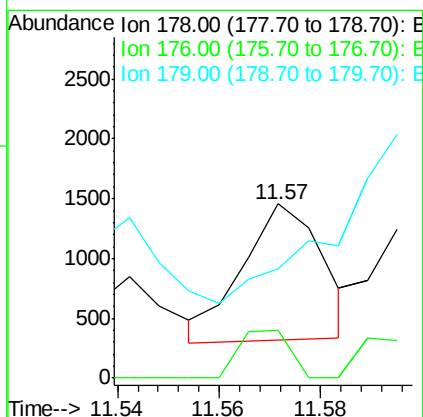
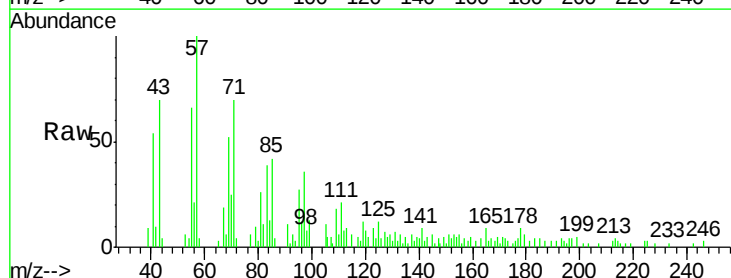
Instrument :  
BNA\_F  
ClientSampleId :  
A0C20-01

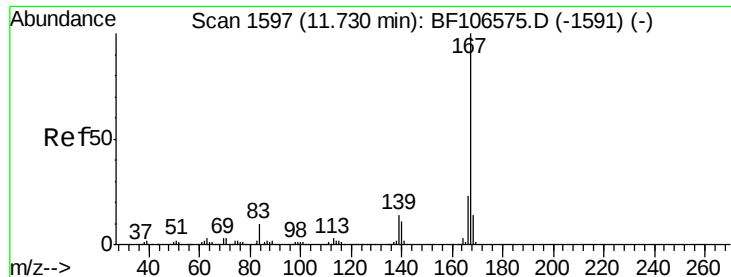
Tgt Ion:178 Resp: 2733  
Ion Ratio Lower Upper  
178 100  
176 22.8 15.8 23.8  
179 35.1 13.0 19.6#



#71  
Anthracene  
Concen: 0.154 ng  
RT: 11.57 min Scan# 1570  
Delta R.T. -0.01 min  
Lab File: BF107078.D  
Acq: 3 Jul 2018 13:23

Tgt Ion:178 Resp: 1242  
Ion Ratio Lower Upper  
178 100  
176 27.3 15.4 23.2#  
179 62.7 12.6 19.0#





#72

Carbazole

Concen: 0.056 ng

RT: 11.74 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BF107078.D

Acq: 3 Jul 2018 13:23

Instrument :

BNA\_F

ClientSampled :

A0C20-01

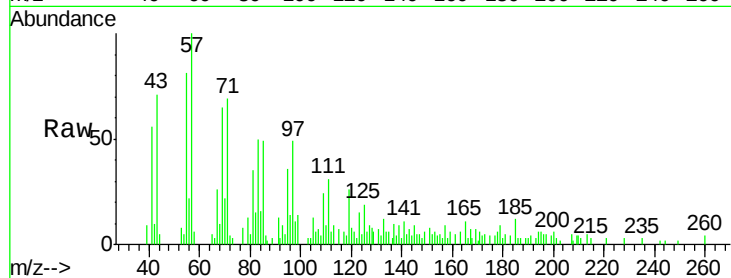
Tgt Ion:167 Resp: 420

Ion Ratio Lower Upper

167 100

166 41.7 17.6 26.4#

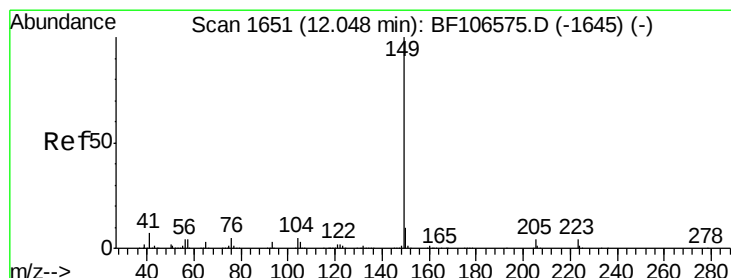
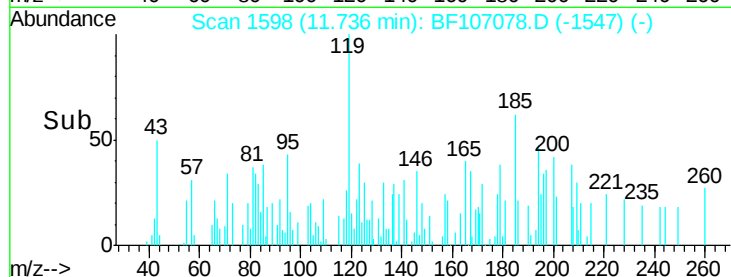
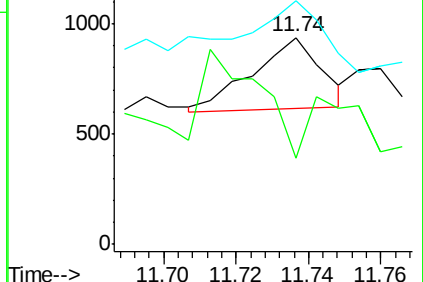
139 117.6 10.9 16.3#



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: 0.301 ng

RT: 12.04 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BF107078.D

Acq: 3 Jul 2018 13:23

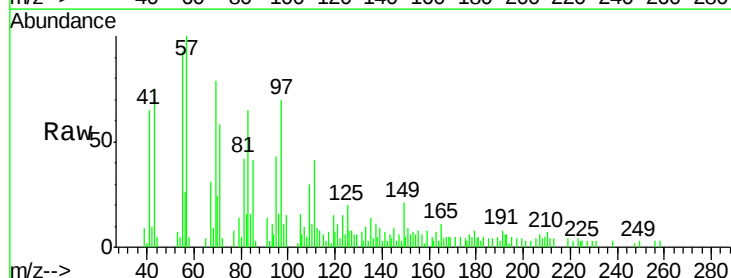
Tgt Ion:149 Resp: 2679

Ion Ratio Lower Upper

149 100

150 22.8 7.8 11.6#

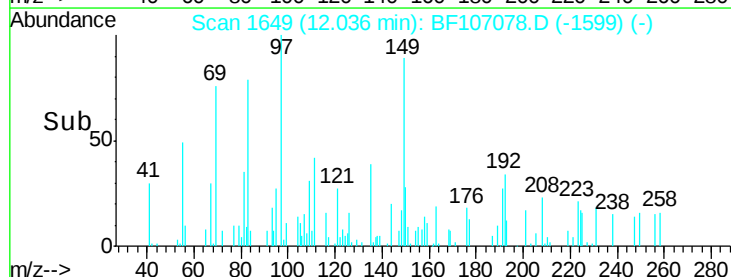
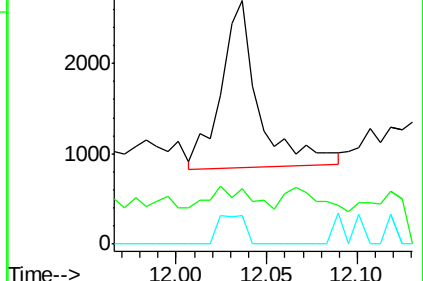
104 11.8 3.8 5.8#

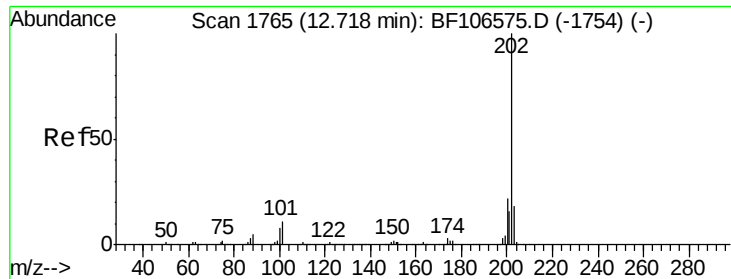


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 0.543 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF107078.D

Acq: 3 Jul 2018 13:23

Instrument :

BNA\_F

ClientSampleId :

A0C20-01

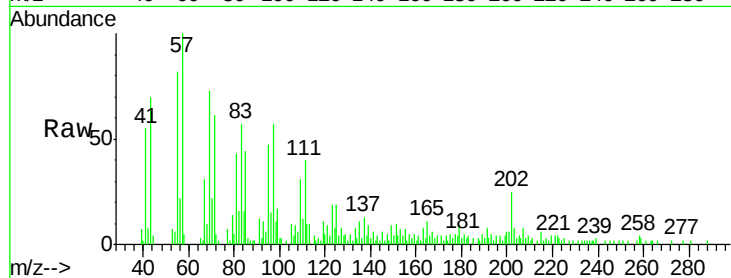
Tgt Ion:202 Resp: 4730

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.1

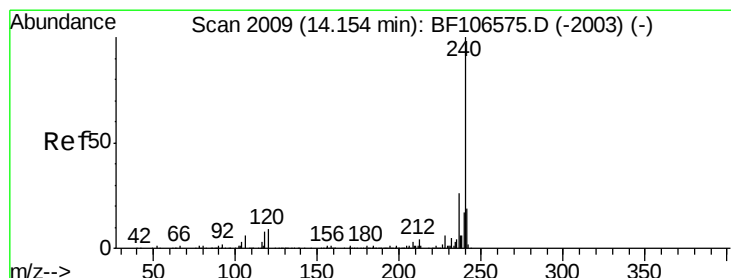
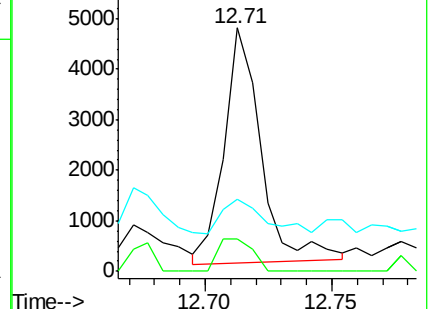
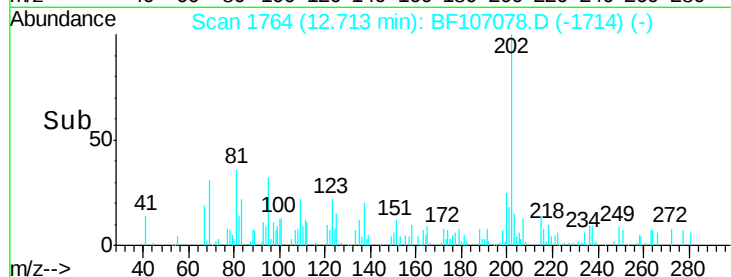
203 29.7 0.0 38.1



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: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF107078.D

Acq: 3 Jul 2018 13:23

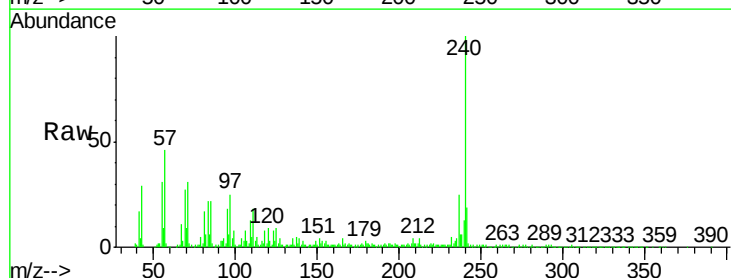
Tgt Ion:240 Resp: 147041

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

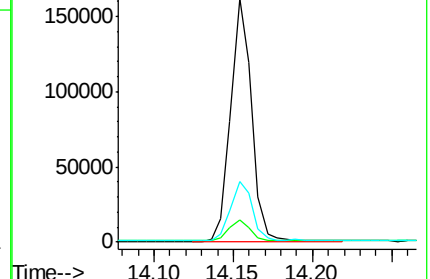
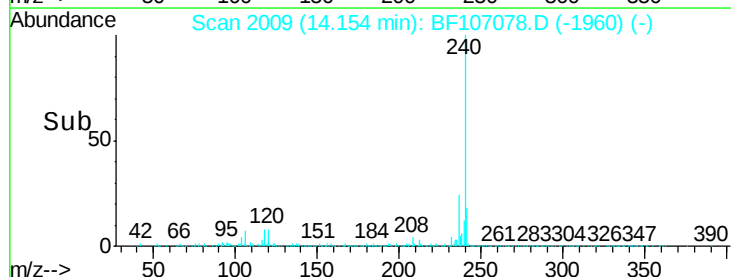
236 24.9 20.7 31.1

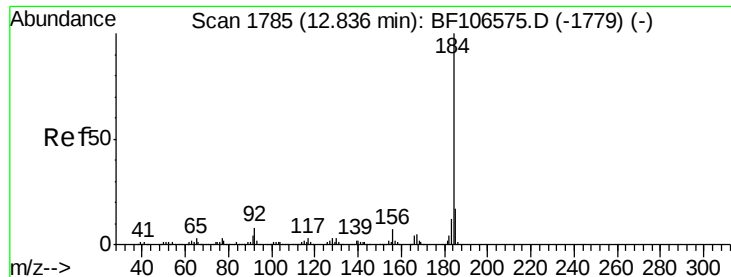


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.092 ng

RT: 12.82 min Scan# 1782

Delta R.T. -0.02 min

Lab File: BF107078.D

Acq: 3 Jul 2018 13:23

Instrument :

BNA\_F

ClientSampleId :

A0C20-01

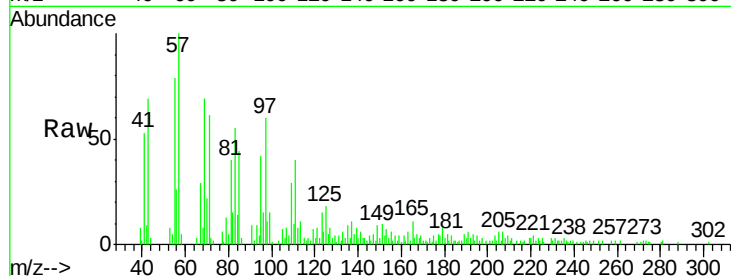
Tgt Ion:184 Resp: 385

Ion Ratio Lower Upper

184 100

185 123.7 12.6 18.8#

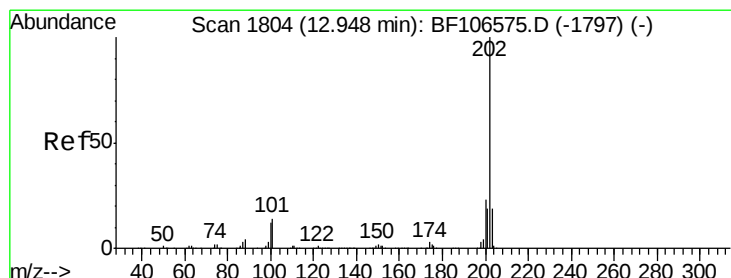
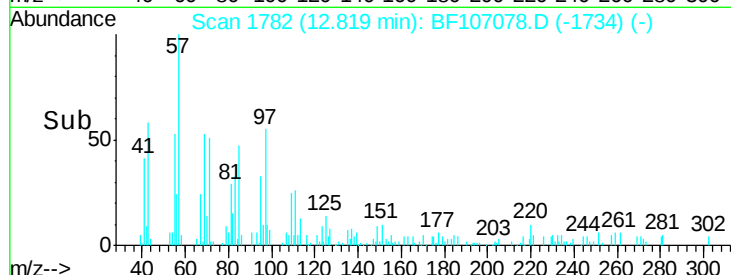
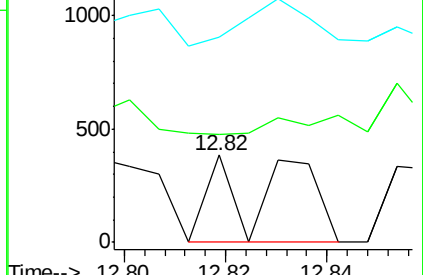
183 235.9 9.3 13.9#



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

Pyrene

Concen: 0.984 ng

RT: 12.95 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF107078.D

Acq: 3 Jul 2018 13:23

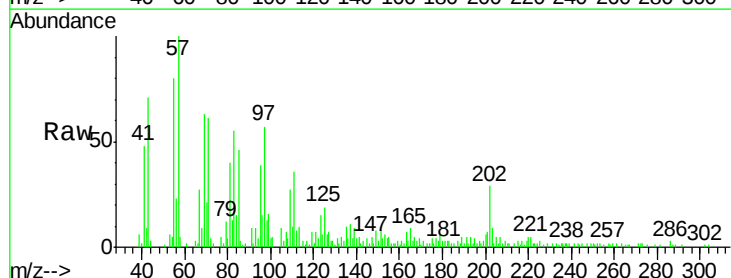
Tgt Ion:202 Resp: 9542

Ion Ratio Lower Upper

202 100

200 20.3 17.4 26.2

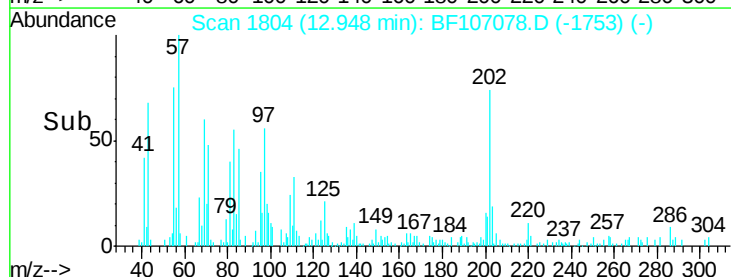
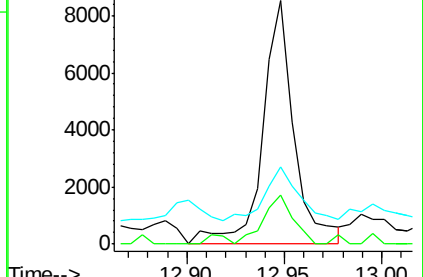
203 31.6 14.3 21.5#

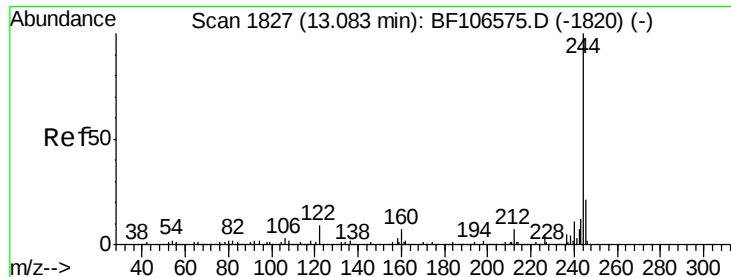


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 60.169 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107078.D

Acq: 3 Jul 2018 13:23

Instrument :

BNA\_F

ClientSampled :

A0C20-01

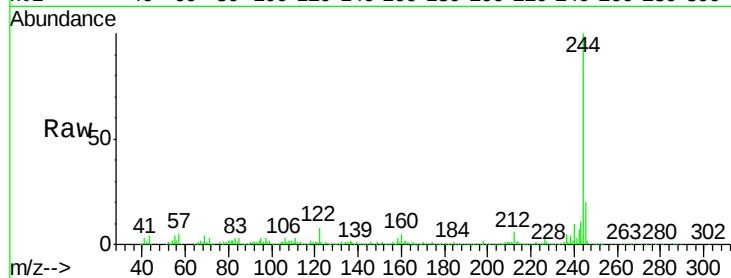
Tgt Ion:244 Resp: 365244

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

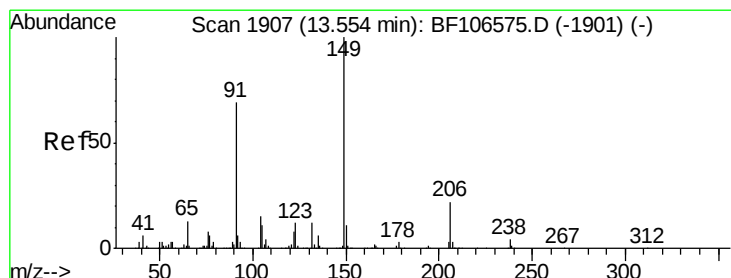
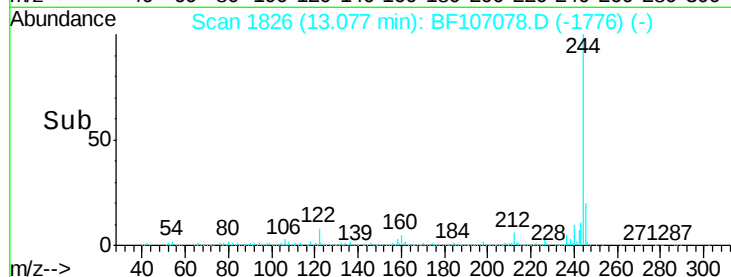
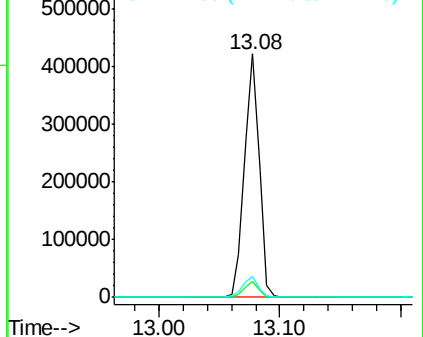
122 8.5 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 0.179 ng

RT: 13.53 min Scan# 1903

Delta R.T. -0.02 min

Lab File: BF107078.D

Acq: 3 Jul 2018 13:23

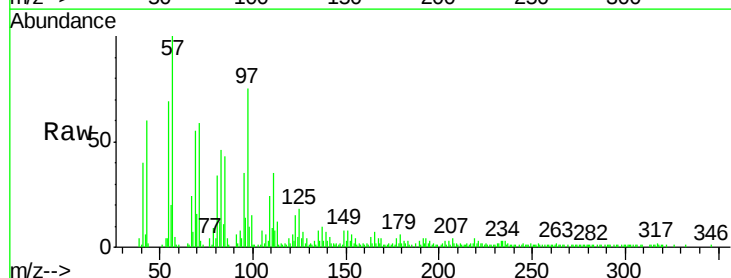
Tgt Ion:149 Resp: 713

Ion Ratio Lower Upper

149 100

91 74.8 56.8 85.2

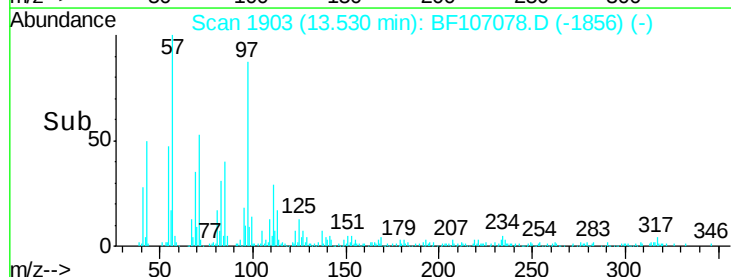
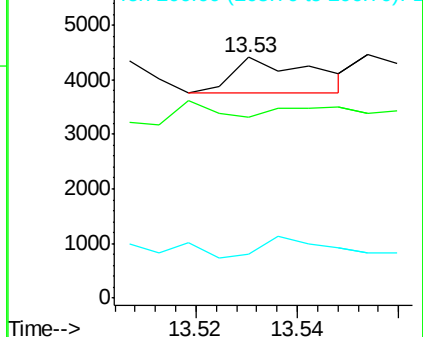
206 18.3 14.1 21.1

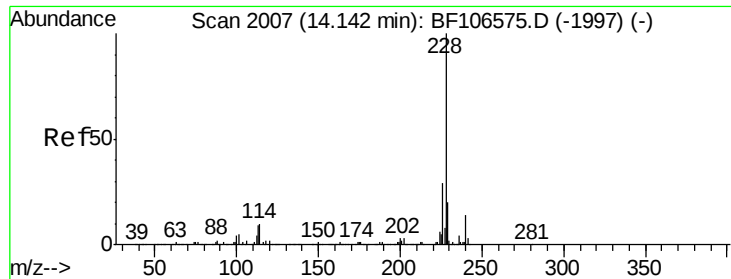


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.215 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF107078.D

Acq: 3 Jul 2018 13:23

Instrument :

BNA\_F

ClientSampleId :

A0C20-01

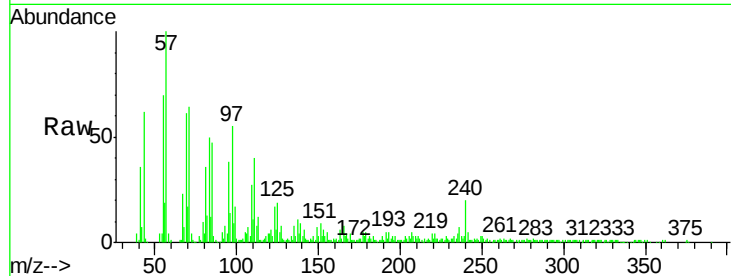
Tgt Ion:228 Resp: 1927

Ion Ratio Lower Upper

228 100

226 62.1 22.6 33.8#

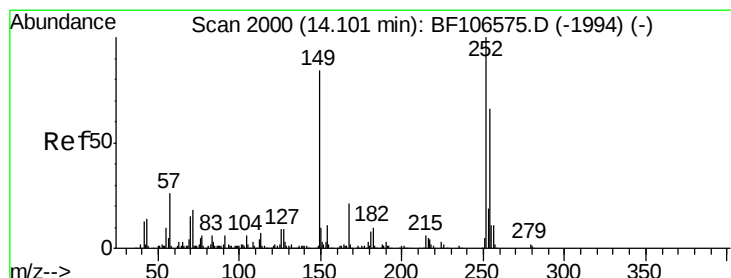
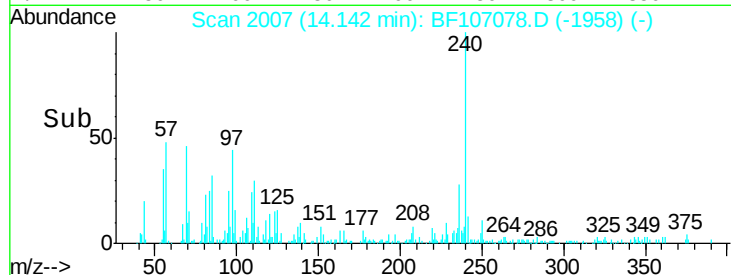
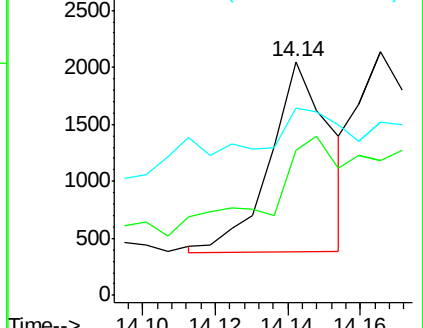
229 79.8 15.8 23.6#



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: 0.107 ng

RT: 14.09 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF107078.D

Acq: 3 Jul 2018 13:23

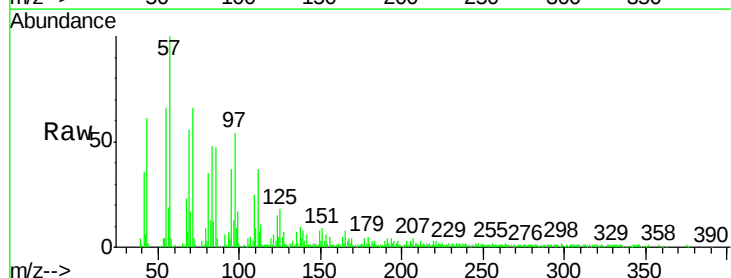
Tgt Ion:252 Resp: 338

Ion Ratio Lower Upper

252 100

254 59.7 50.4 75.6

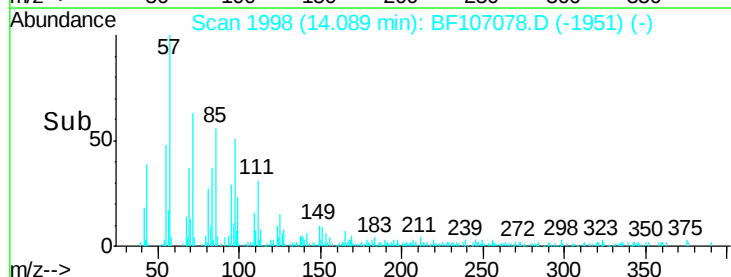
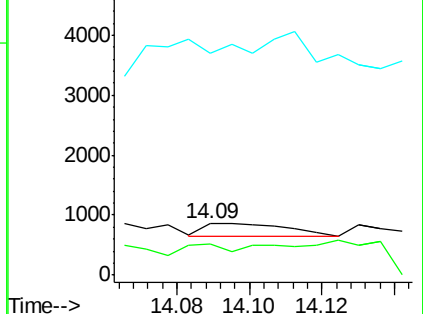
126 433.7 11.3 16.9#

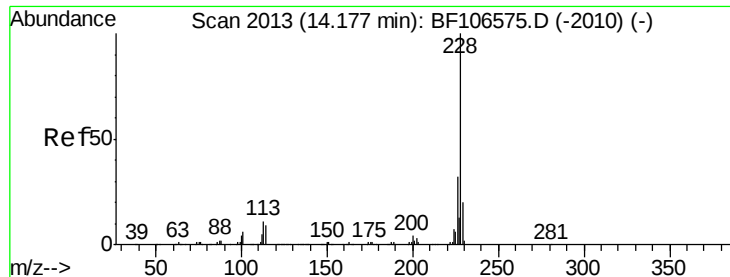


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 0.559 ng

RT: 14.18 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF107078.D

Acq: 3 Jul 2018 13:23

Instrument :

BNA\_F

ClientSampleId :

A0C20-01

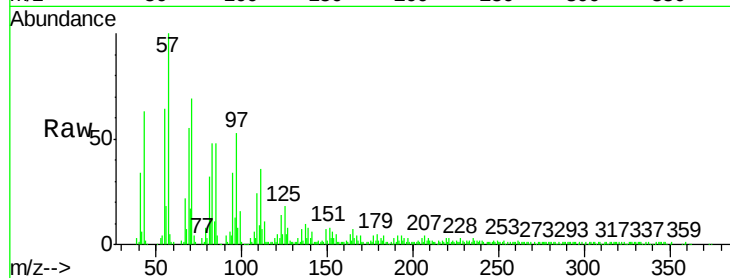
Tgt Ion:228 Resp: 4610

Ion Ratio Lower Upper

228 100

226 43.8 25.0 37.6#

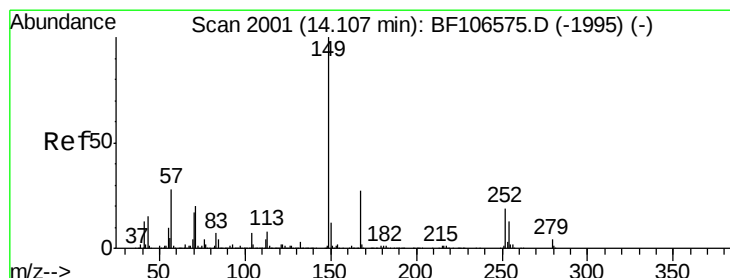
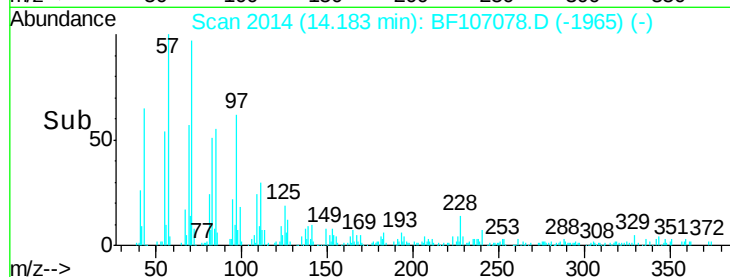
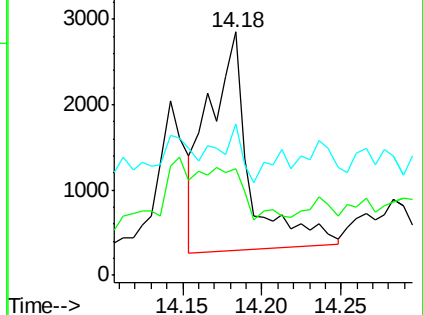
229 62.1 16.2 24.4#



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: 0.860 ng

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF107078.D

Acq: 3 Jul 2018 13:23

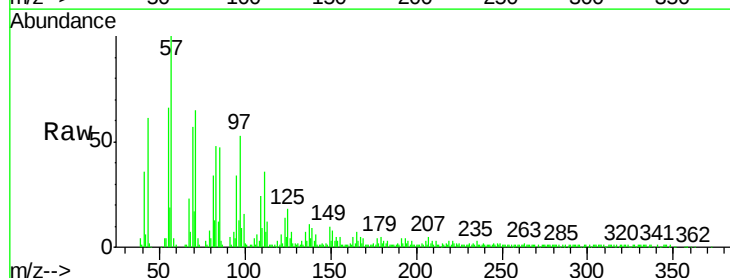
Tgt Ion:149 Resp: 4385

Ion Ratio Lower Upper

149 100

167 50.2 21.3 31.9#

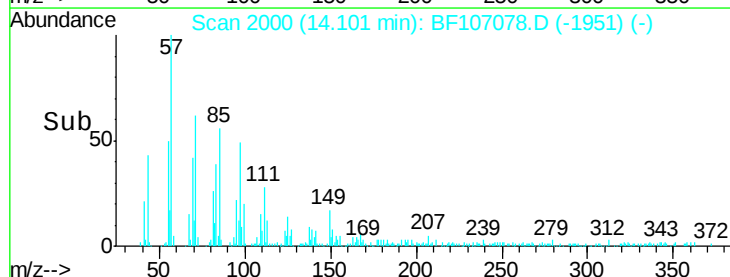
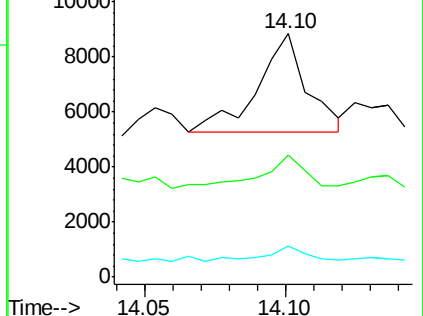
279 12.7 3.0 4.4#

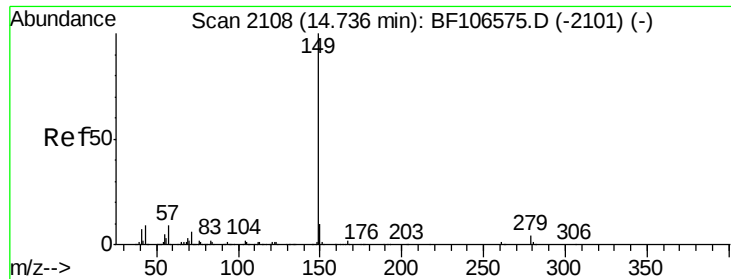


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.223 ng

RT: 14.77 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BF107078.D

Acq: 3 Jul 2018 13:23

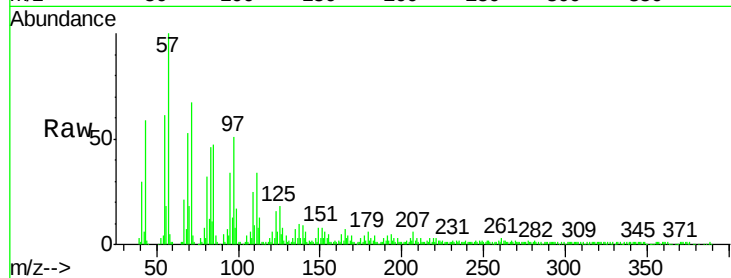
Instrument :

BNA\_F

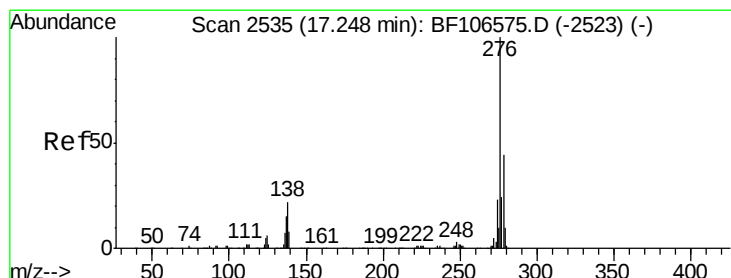
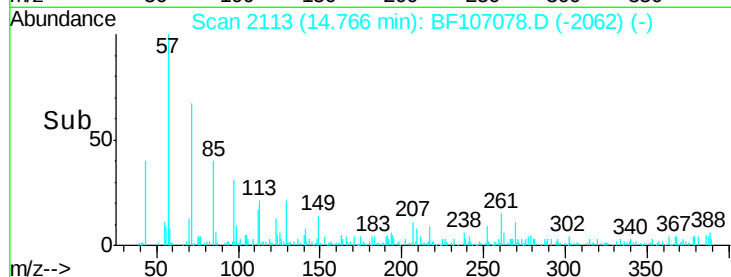
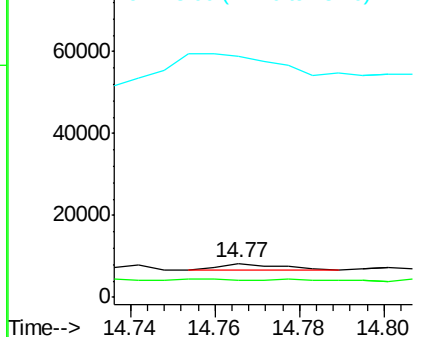
ClientSampleId :

A0C20-01

Tgt Ion:149 Resp: 1854  
 Ion Ratio Lower Upper  
 149 100  
 167 86.0 1.2 1.8#  
 43 2176.1 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: 0.340 ng

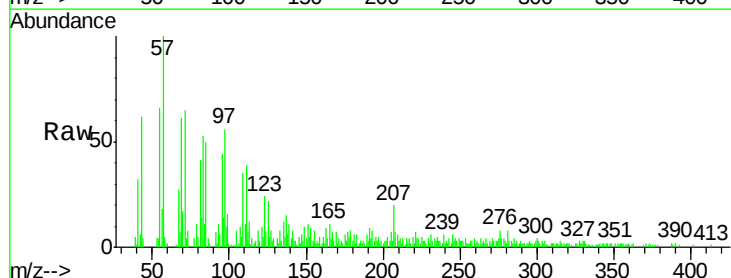
RT: 17.31 min Scan# 2545

Delta R.T. 0.00 min

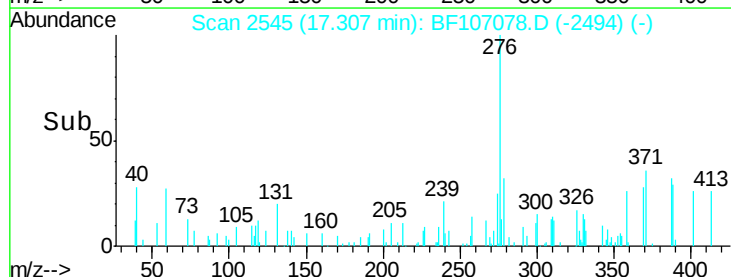
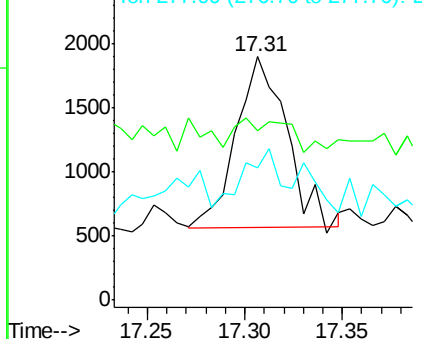
Lab File: BF107078.D

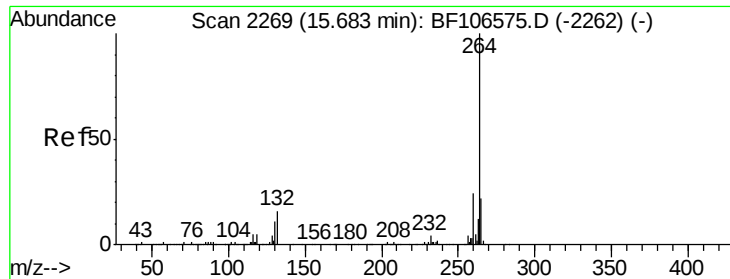
Acq: 3 Jul 2018 13:23

Tgt Ion:276 Resp: 2382  
 Ion Ratio Lower Upper  
 276 100  
 138 7.9 25.0 37.6#  
 277 29.1 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



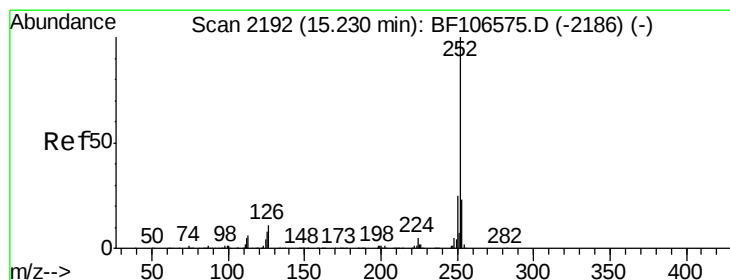
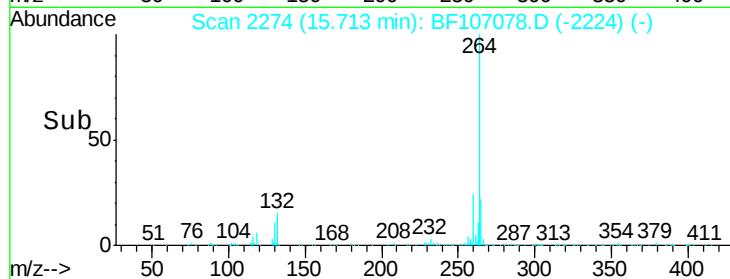
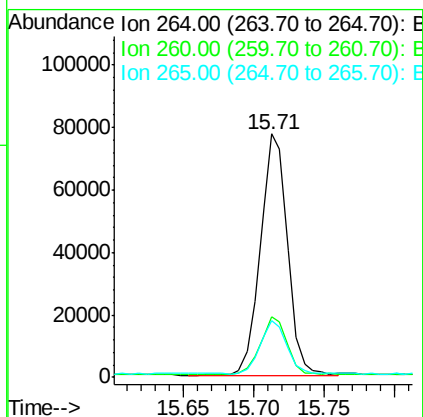
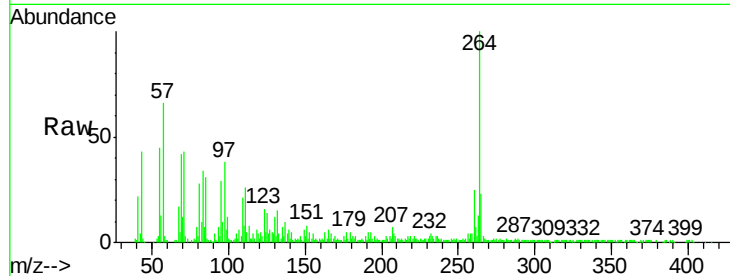


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.71 min Scan# 2274  
Delta R.T. -0.01 min  
Lab File: BF107078.D  
Acq: 3 Jul 2018 13:23

Instrument :  
BNA\_F  
ClientSampleId :  
A0C20-01

Tgt Ion: 264 Resp: 104597  

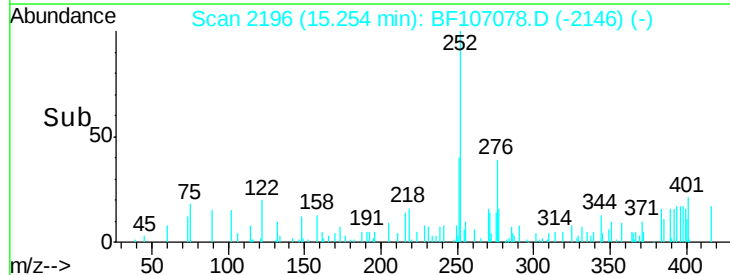
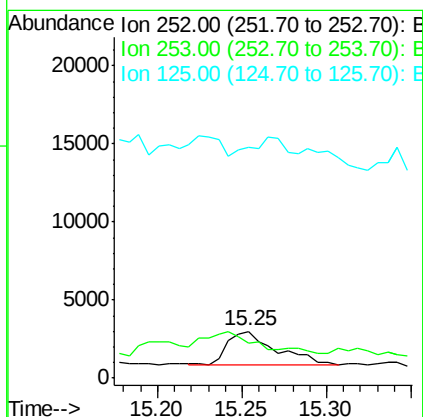
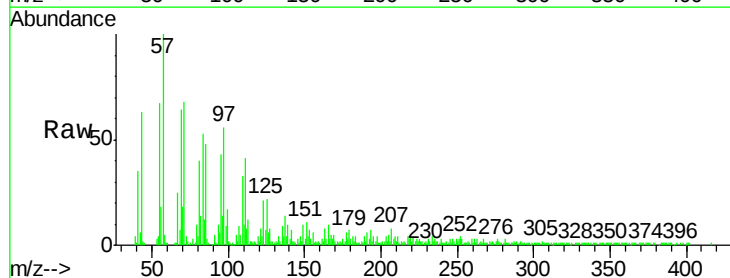
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.8  | 19.2  | 28.8  |
| 265 | 23.0  | 17.5  | 26.3  |

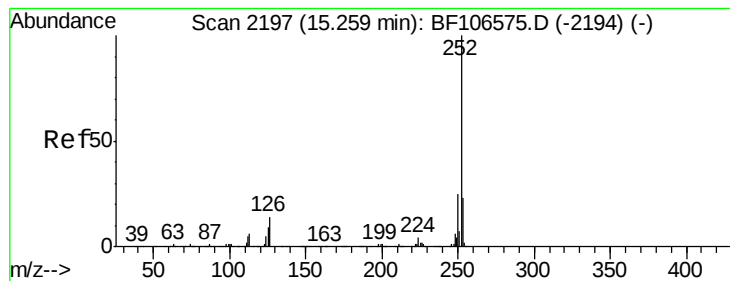


#87  
Benzo(b)fluoranthene  
Concen: 0.649 ng  
RT: 15.25 min Scan# 2196  
Delta R.T. -0.01 min  
Lab File: BF107078.D  
Acq: 3 Jul 2018 13:23

Tgt Ion: 252 Resp: 4214  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 75.0  | 17.0  | 25.6# |
| 125 | 494.2 | 9.0   | 13.6# |





#88

Benzo(k)fluoranthene

Concen: 0.681 ng

RT: 15.25 min Scan# 2196

Delta R.T. -0.04 min

Lab File: BF107078.D

Acq: 3 Jul 2018 13:23

Instrument :

BNA\_F

ClientSampleId :

A0C20-01

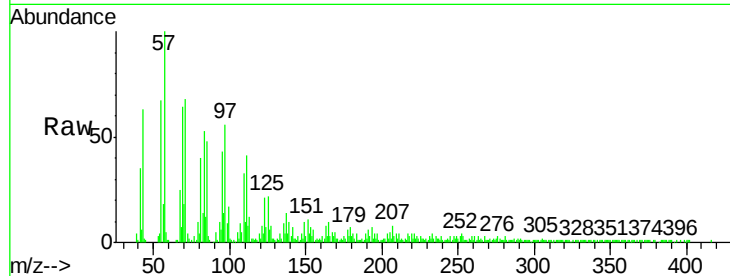
Tgt Ion:252 Resp: 4214

Ion Ratio Lower Upper

252 100

253 75.0 17.9 26.9#

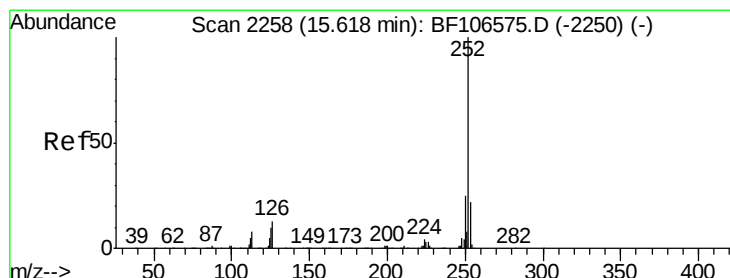
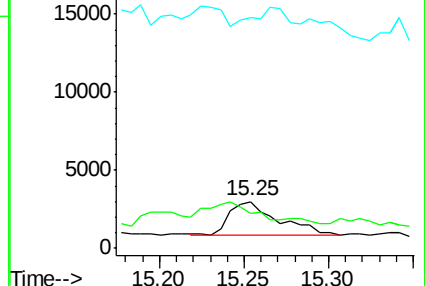
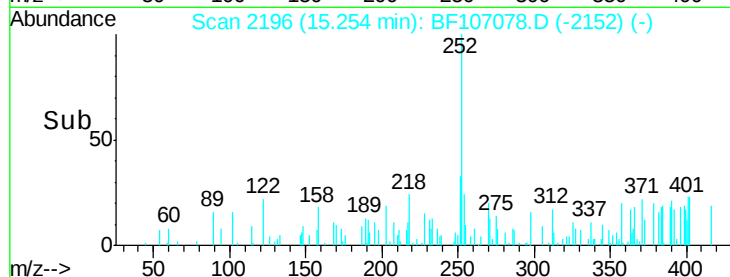
125 494.2 10.2 15.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 0.499 ng

RT: 15.64 min Scan# 2262

Delta R.T. -0.01 min

Lab File: BF107078.D

Acq: 3 Jul 2018 13:23

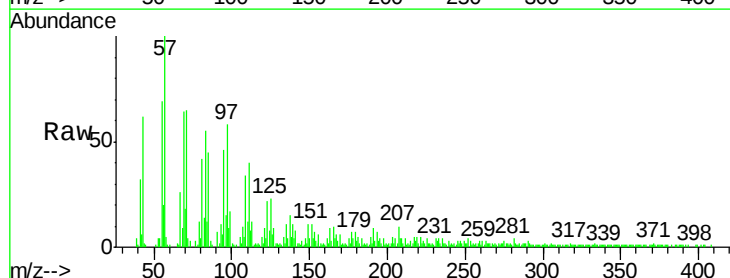
Tgt Ion:252 Resp: 2883

Ion Ratio Lower Upper

252 100

253 73.1 17.1 25.7#

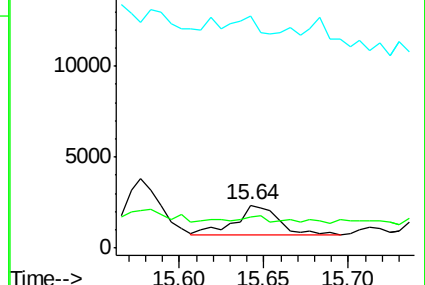
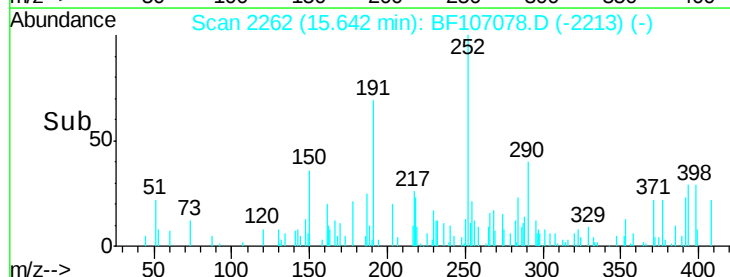
125 541.0 9.8 14.6#

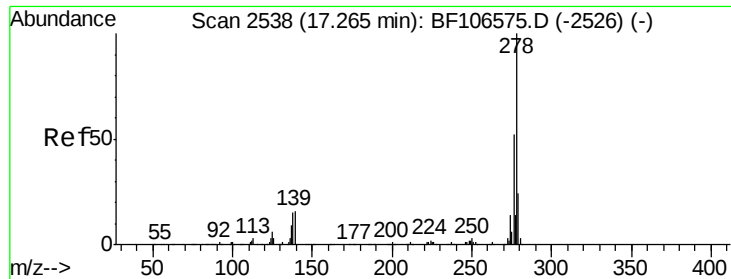


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 0.139 ng

RT: 17.29 min Scan# 2542

Delta R.T. -0.04 min

Lab File: BF107078.D

Acq: 3 Jul 2018 13:23

Instrument :

BNA\_F

ClientSampleId :

A0C20-01

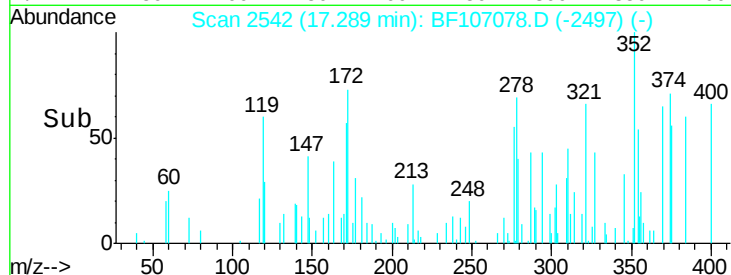
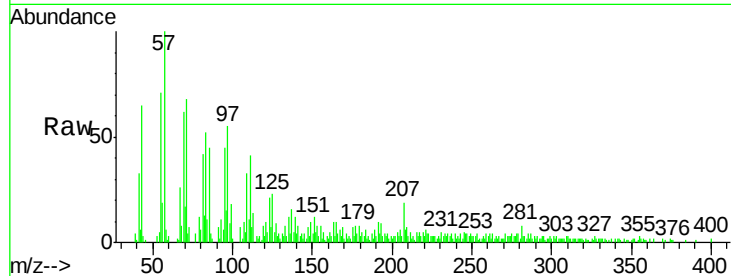
Tgt Ion:278 Resp: 680

Ion Ratio Lower Upper

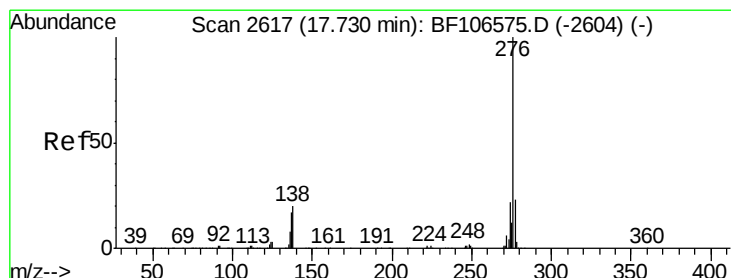
278 100

139 308.7 15.9 23.9#

279 116.0 19.0 28.4#



Time-->



#91

Benzo(g,h,i)perylene

Concen: 1.044 ng

RT: 17.80 min Scan# 2629

Delta R.T. 0.01 min

Lab File: BF107078.D

Acq: 3 Jul 2018 13:23

Tgt Ion:276 Resp: 4995

Ion Ratio Lower Upper

276 100

277 47.3 17.9 26.9#

138 48.4 21.8 32.8#

