

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF012519\  
 Data File : BF112241.D  
 Acq On : 25 Jan 2019 19:32  
 Operator : JU/SJ  
 Sample : K1238-11  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S2

Quant Time: Jan 27 23:37:37 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF012519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 25 16:47:00 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.84  | 152  | 192890   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.12  | 136  | 655126   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 9.88  | 164  | 346368   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.36 | 188  | 631781   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 14.00 | 240  | 359482   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 15.46 | 264  | 365816   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.49  | 112 | 1105165 | 121.70 | ng | 0.00  |
| 7) Phenol-d6             | 6.49  | 99  | 1766167 | 139.96 | ng | -0.02 |
| 23) Nitrobenzene-d5      | 7.40  | 82  | 1157322 | 101.79 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 10.67 | 330 | 517063  | 128.25 | ng | -0.01 |
| 45) 2-Fluorobiphenyl     | 9.20  | 172 | 1698644 | 69.36  | ng | -0.01 |
| 79) Terphenyl-d14        | 12.95 | 244 | 1756439 | 92.03  | ng | -0.01 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 6) Aniline                     | 6.50  | 93  | 1156    | 0.077  | ng | # 1    |
| 8) 2-Chlorophenol              | 6.63  | 128 | 485     | 0.040  | ng | # 1    |
| 9) Benzaldehyde                | 6.49  | 77  | 3310    | 0.502  | ng | # 1    |
| 10) Phenol                     | 6.50  | 94  | 45250   | 3.269  | ng | 79     |
| 11) bis(2-Chloroethyl)ether    | 6.62  | 93  | 2372    | 0.218  | ng | # 1    |
| 12) 1,3-Dichlorobenzene        | 7.00  | 146 | 111     | 0.008  | ng | # 1    |
| 13) 1,4-Dichlorobenzene        | 7.00  | 146 | 111     | 0.008  | ng | # 1    |
| 14) 1,2-Dichlorobenzene        | 7.00  | 146 | 111     | 0.008  | ng | # 1    |
| 15) Benzyl Alcohol             | 7.00  | 79  | 19651   | 1.847  | ng | # 46   |
| 16) 2,2'-oxybis(1-Chloropropan | 6.89  | 45  | 114     | 0.008  | ng | 63     |
| 17) 2-Methylphenol             | 7.00  | 107 | 251     | 0.026  | ng | # 1    |
| 19) n-Nitroso-di-n-propylamine | 7.40  | 70  | 159198  | 18.296 | ng | # 76   |
| 20) 3+4-Methylphenols          | 7.00  | 107 | 251     | 0.020  | ng | # 1    |
| 22) Acetophenone               | 7.00  | 105 | 121     | 0.008  | ng | # 1    |
| 24) Nitrobenzene               | 7.40  | 77  | 3480    | 0.306  | ng | # 32   |
| 25) Isophorone                 | 7.40  | 82  | 1139779 | 63.900 | ng | # 64   |
| 31) Naphthalene                | 8.15  | 128 | 1726    | 0.056  | ng | # 67   |
| 32) Benzoic acid               | 8.12  | 122 | 109     | 0.023  | ng | # 1    |
| 37) 2-Methylnaphthalene        | 8.84  | 142 | 326     | 0.016  | ng | # 65   |
| 38) 1-Methylnaphthalene        | 8.93  | 142 | 240     | 0.012  | ng | # 76   |
| 46) 1,1'-Biphenyl              | 9.30  | 154 | 3517    | 0.116  | ng | 85     |
| 47) 2-Chloronaphthalene        | 9.58  | 162 | 407     | 0.017  | ng | # 1    |
| 48) 2-Nitroaniline             | 9.59  | 65  | 1582    | 0.247  | ng | # 1    |
| 49) Acenaphthylene             | 9.74  | 152 | 266     | 0.008  | ng | # 59   |
| 50) Dimethylphthalate          | 9.59  | 163 | 188618  | 7.009  | ng | 99     |
| 51) 2,6-Dinitrotoluene         | 9.59  | 165 | 2104    | 0.349  | ng | # 5    |
| 52) Acenaphthene               | 9.91  | 154 | 4637    | 0.226  | ng | 93     |
| 55) Dibenzofuran               | 10.09 | 168 | 2379    | 0.076  | ng | 99     |
| 56) 4-Nitrophenol              | 10.09 | 139 | 753     | 0.218  | ng | # 12   |
| 57) 2,4-Dinitrotoluene         | 9.87  | 165 | 45307   | 5.905  | ng | # 32   |
| 58) Fluorene                   | 10.43 | 166 | 2329    | 0.099  | ng | 84     |
| 60) Diethylphthalate           | 10.29 | 149 | 1601    | 0.060  | ng | # 85   |
| 63) Azobenzene                 | 10.57 | 77  | 578     | 0.025  | ng | # 30   |
| 65) 4,6-Dinitro-2-methylphenol | 10.67 | 198 | 1297    | 0.366  | ng | # 1    |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF012519\  
 Data File : BF112241.D  
 Acq On : 25 Jan 2019 19:32  
 Operator : JU/SJ  
 Sample : K1238-11  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

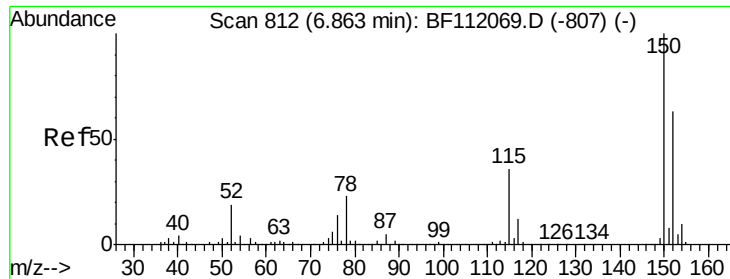
Instrument :  
 BNA\_F  
 ClientSampleId :  
 S2

Quant Time: Jan 27 23:37:37 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF012519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 25 16:47:00 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 66) n-Nitrosodiphenylamine     | 10.67 | 169  | 15213    | 0.714 | ng    | # 47     |
| 67) 4-Bromophenyl-phenylether  | 10.67 | 248  | 32818    | 4.417 | ng    | # 1      |
| 71) Phenanthrene               | 11.39 | 178  | 14135    | 0.430 | ng    | 98       |
| 72) Anthracene                 | 11.39 | 178  | 14135    | 0.432 | ng    | 99       |
| 73) Carbazole                  | 11.60 | 167  | 2173     | 0.067 | ng    | # 84     |
| 74) Di-n-butylphthalate        | 11.92 | 149  | 3231     | 0.081 | ng    | # 85     |
| 75) Fluoranthene               | 12.57 | 202  | 23663    | 0.672 | ng    | 99       |
| 77) Benzidine                  | 12.95 | 184  | 23293    | 2.354 | ng    | 95       |
| 78) Pyrene                     | 12.80 | 202  | 18364    | 0.738 | ng    | 95       |
| 80) Butylbenzylphthalate       | 13.41 | 149  | 1096     | 0.091 | ng    | # 8      |
| 81) Benzo(a)anthracene         | 13.99 | 228  | 7231     | 0.342 | ng    | 96       |
| 82) 3,3'-Dichlorobenzidine     | 13.83 | 252  | 106      | 0.013 | ng    | # 1      |
| 83) Chrysene                   | 14.03 | 228  | 8117     | 0.402 | ng    | 94       |
| 84) Bis(2-ethylhexyl)phthalate | 13.97 | 149  | 3555     | 0.208 | ng    | # 93     |
| 85) Di-n-octyl phthalate       | 14.56 | 149  | 494      | 0.019 | ng    | # 55     |
| 86) Indeno(1,2,3-cd)pyrene     | 16.94 | 276  | 4817     | 0.301 | ng    | 96       |
| 88) Benzo(b)fluoranthene       | 15.04 | 252  | 16399    | 0.750 | ng    | # 83     |
| 89) Benzo(k)fluoranthene       | 15.04 | 252  | 16399    | 0.783 | ng    | # 83     |
| 90) Benzo(a)pyrene             | 15.40 | 252  | 6648     | 0.338 | ng    | # 78     |
| 91) Dibenzo(a,h)anthracene     | 17.00 | 278  | 107      | 0.007 | ng    | # 55     |
| 92) Benzo(g,h,i)perylene       | 17.38 | 276  | 3965     | 0.265 | ng    | # 91     |

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

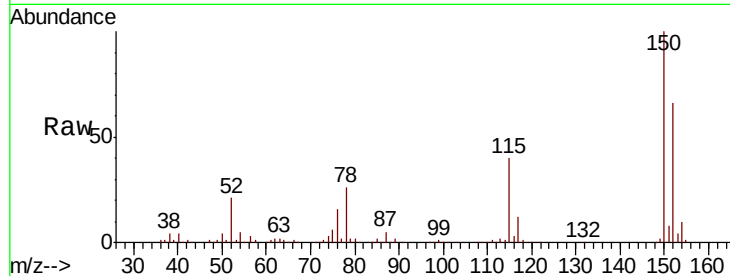




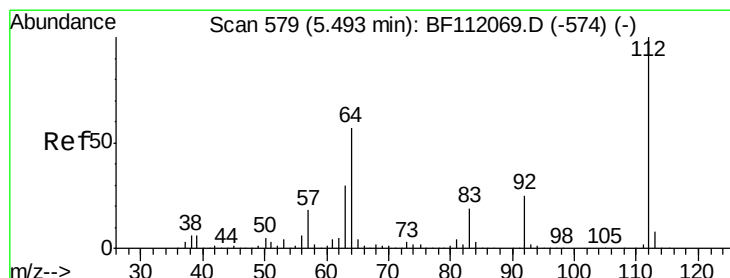
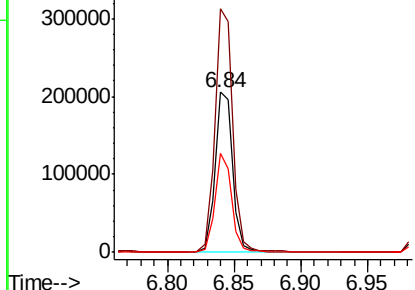
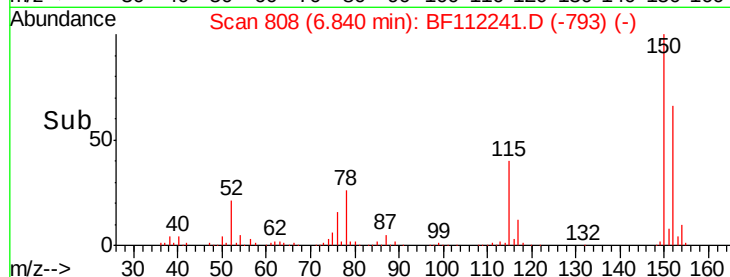
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.84 min Scan# 808  
 Delta R.T. -0.01 min  
 Lab File: BF112241.D  
 Acq: 25 Jan 2019 19:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S2

Tgt Ion:152 Resp: 192890  
 Ion Ratio Lower Upper  
 152 100  
 150 151.8 127.4 191.0  
 115 61.4 45.5 68.3

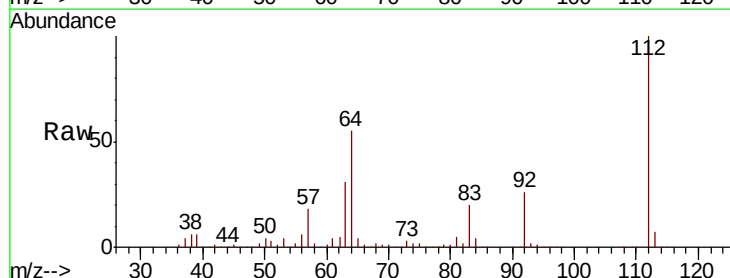


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

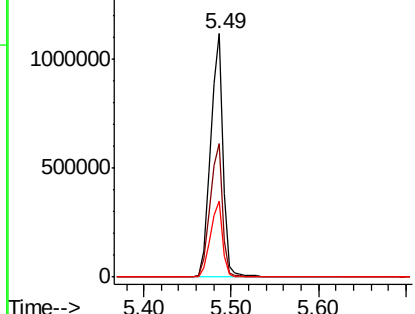
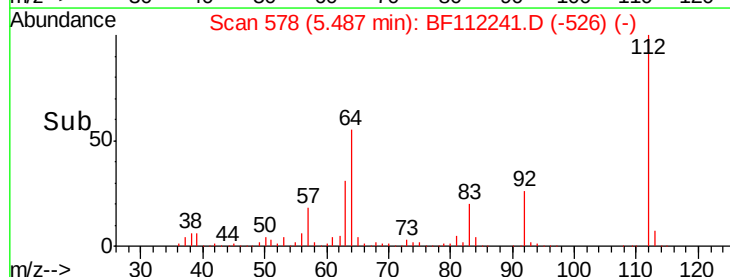


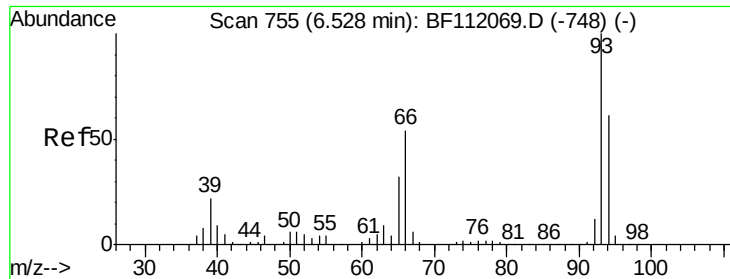
#5  
 2-Fluorophenol  
 Concen: 121.699 ng  
 RT: 5.49 min Scan# 578  
 Delta R.T. 0.01 min  
 Lab File: BF112241.D  
 Acq: 25 Jan 2019 19:32

Tgt Ion:112 Resp: 1105165  
 Ion Ratio Lower Upper  
 112 100  
 64 54.7 45.7 68.5  
 63 31.0 23.6 35.4



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





#6

Aniline

Concen: 0.077 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF112241.D

Acq: 25 Jan 2019 19:32

Instrument :

BNA\_F

ClientSampled :

S2

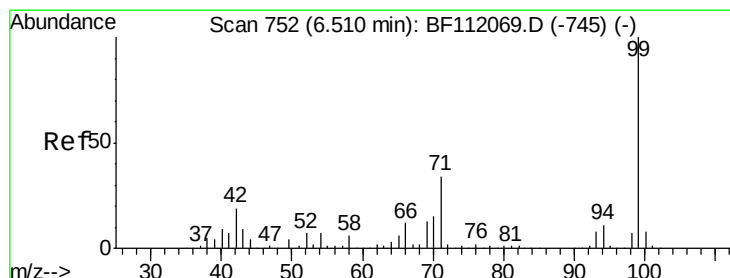
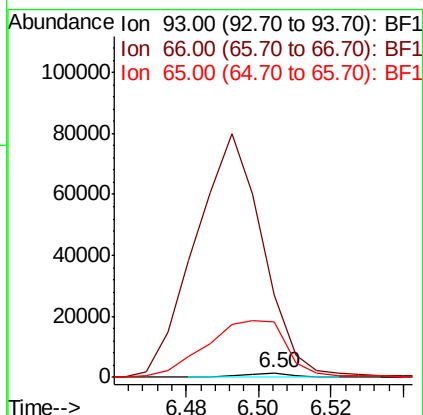
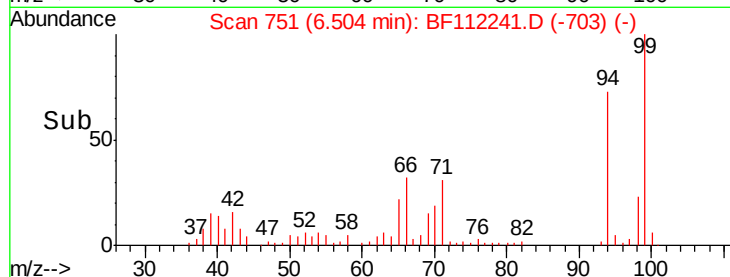
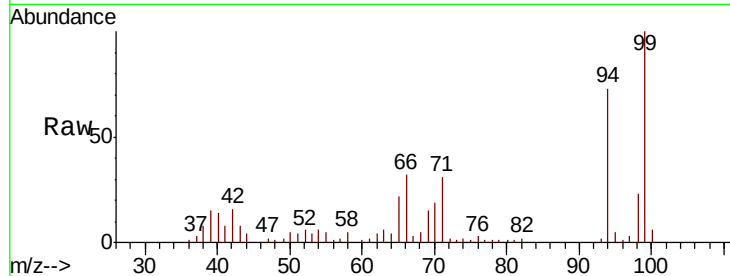
Tgt Ion: 93 Resp: 1156

Ion Ratio Lower Upper

93 100

66 1720.4 43.4 65.2#

65 1172.3 25.3 37.9#



#7

Phenol-d6

Concen: 139.964 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112241.D

Acq: 25 Jan 2019 19:32

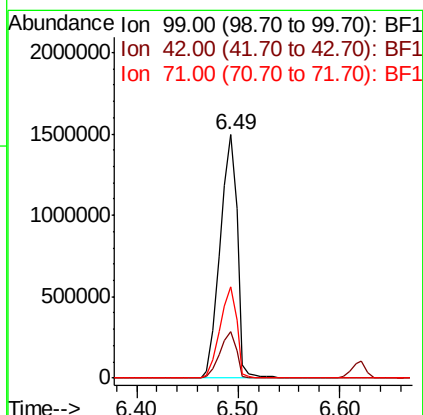
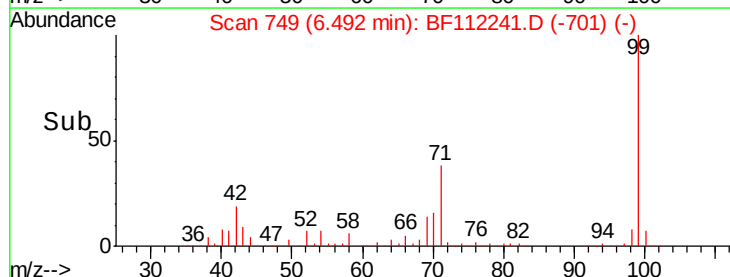
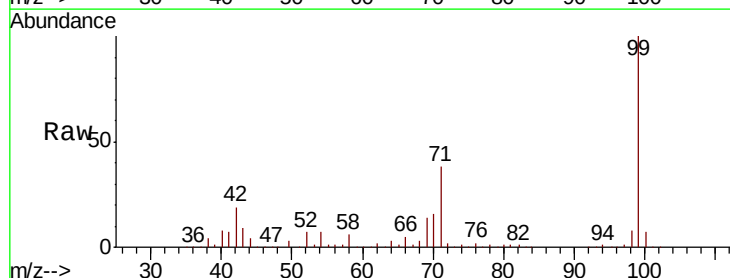
Tgt Ion: 99 Resp: 1766167

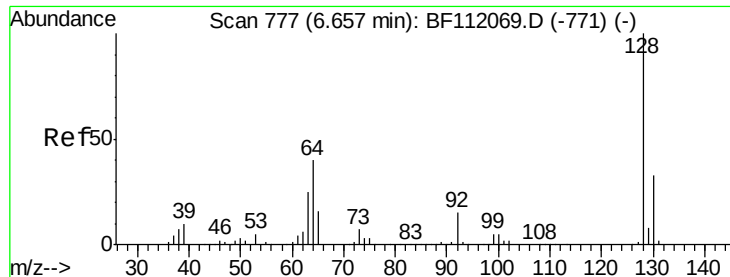
Ion Ratio Lower Upper

99 100

42 19.0 15.1 22.7

71 37.7 26.9 40.3

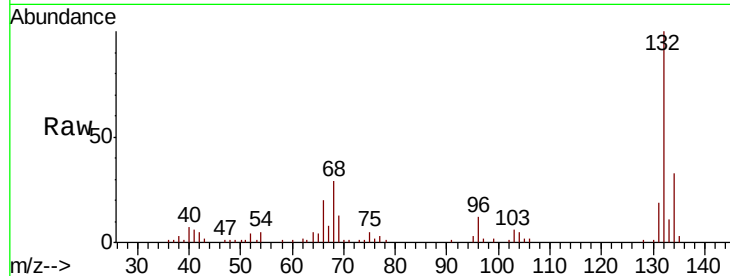




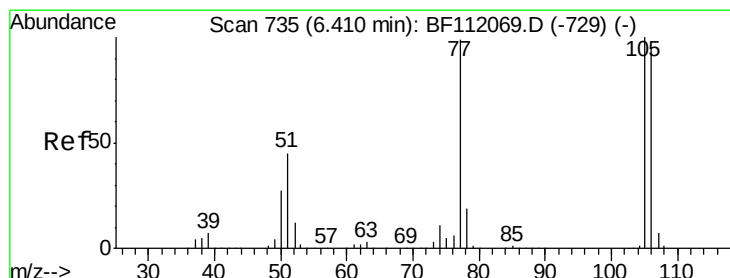
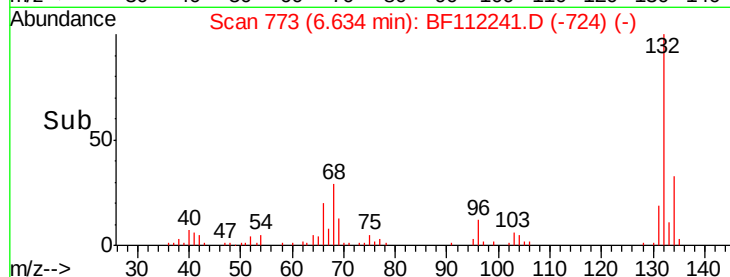
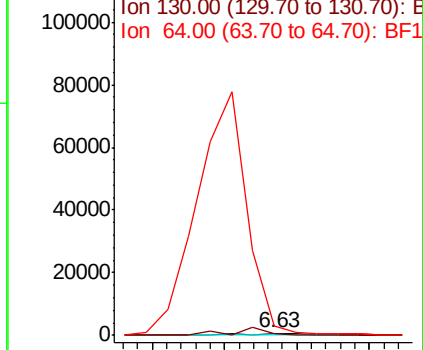
#8  
2-Chlorophenol  
Concen: 0.040 ng  
RT: 6.63 min Scan# 773  
Delta R.T. -0.01 min  
Lab File: BF112241.D  
Acq: 25 Jan 2019 19:32

Instrument :  
BNA\_F  
ClientSampled :  
S2

Tgt Ion: 128 Resp: 485  
Ion Ratio Lower Upper  
128 100  
130 117.0 13.4 53.4#  
64 475.6 20.5 60.5#

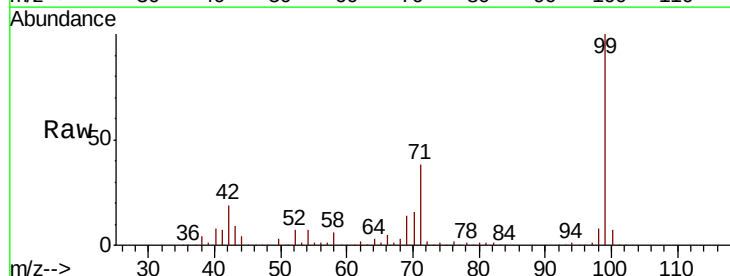


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BF1

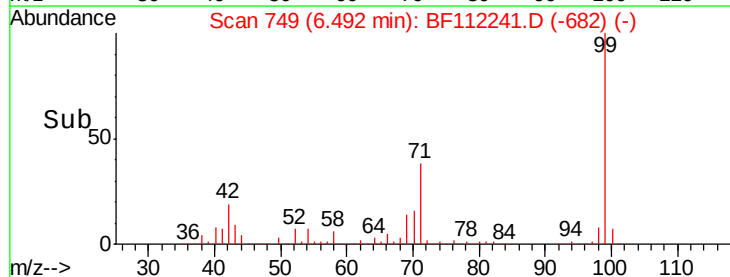
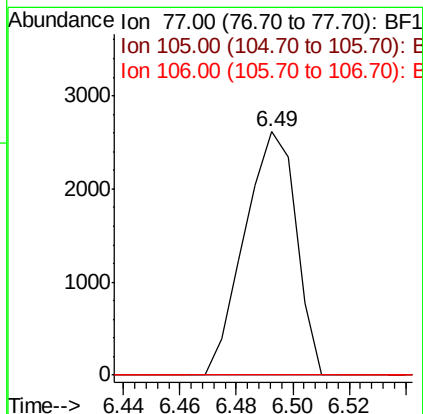


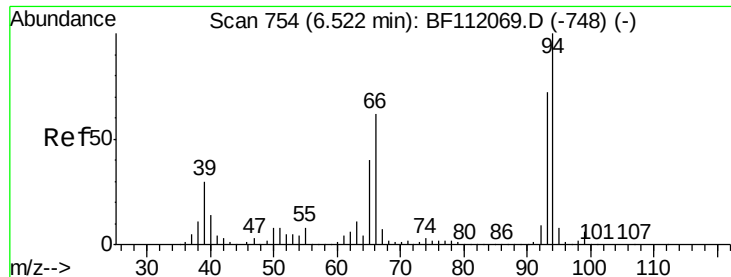
#9  
Benzaldehyde  
Concen: 0.502 ng  
RT: 6.49 min Scan# 749  
Delta R.T. 0.09 min  
Lab File: BF112241.D  
Acq: 25 Jan 2019 19:32

Tgt Ion: 77 Resp: 3310  
Ion Ratio Lower Upper  
77 100  
105 0.0 80.8 120.8#  
106 0.0 75.7 115.7#



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: 3.269 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF112241.D

Acq: 25 Jan 2019 19:32

Instrument :

BNA\_F

ClientSampleId :

S2

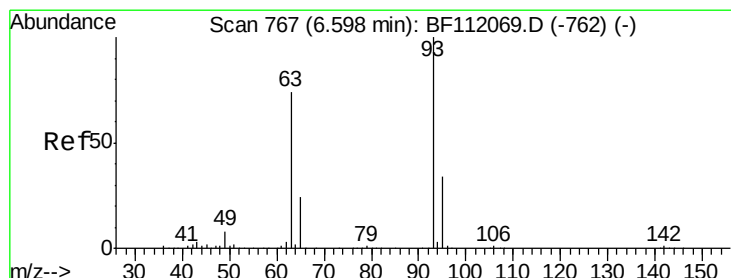
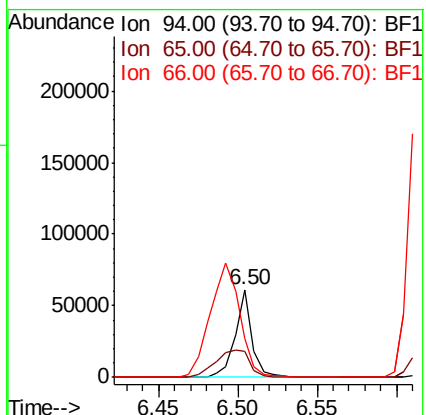
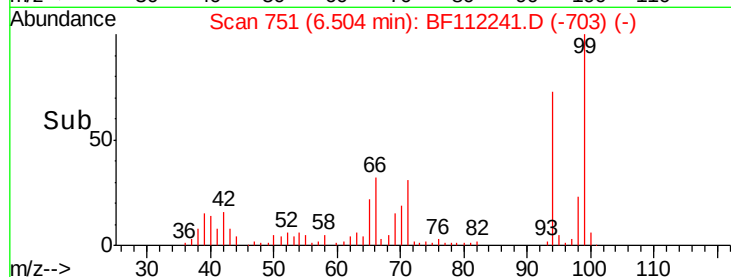
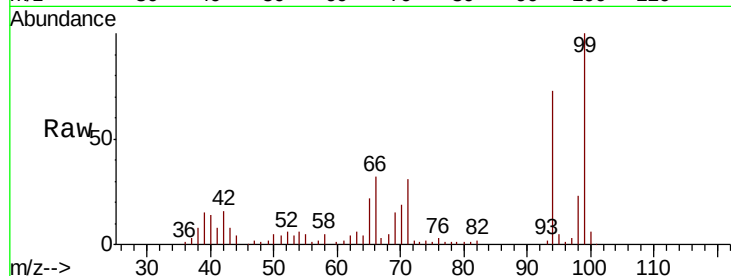
Tgt Ion: 94 Resp: 45250

Ion Ratio Lower Upper

94 100

65 29.8 20.3 60.3

66 43.7 42.4 82.4



#11

bis(2-Chloroethyl)ether

Concen: 0.218 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.03 min

Lab File: BF112241.D

Acq: 25 Jan 2019 19:32

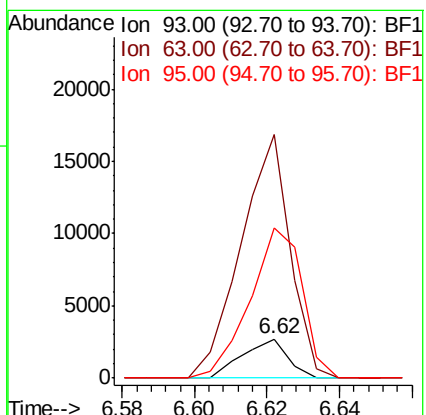
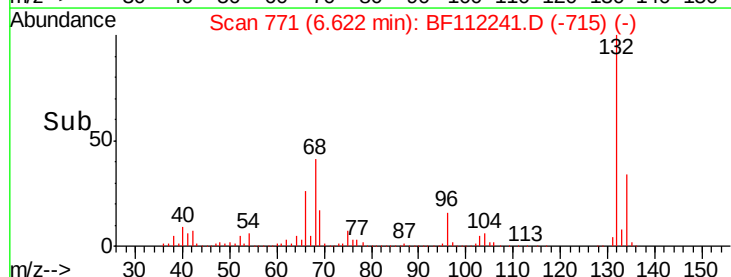
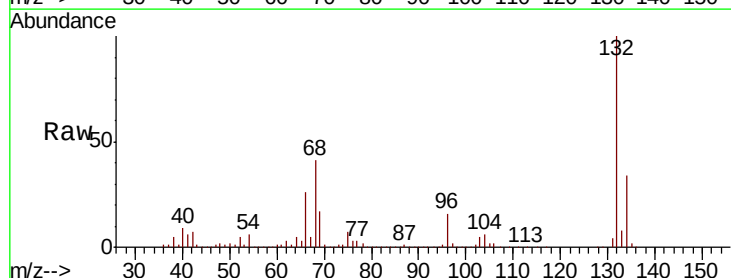
Tgt Ion: 93 Resp: 2372

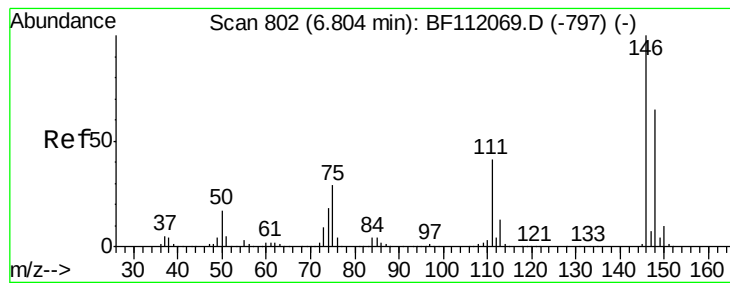
Ion Ratio Lower Upper

93 100

63 617.1 53.3 93.3#

95 380.1 13.4 53.4#





#12

1,3-Dichlorobenzene

Concen: 0.008 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.21 min

Lab File: BF112241.D

Acq: 25 Jan 2019 19:32

Instrument :

BNA\_F

ClientSampleId :

S2

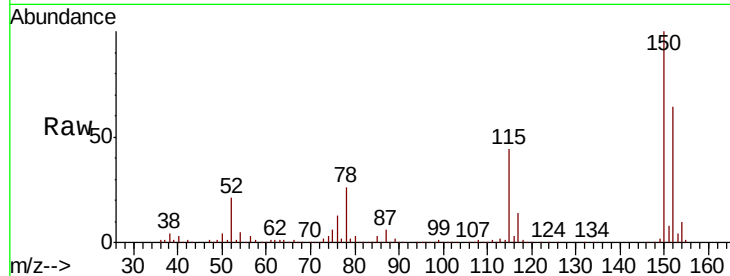
Tgt Ion:146 Resp: 111

Ion Ratio Lower Upper

146 100

148 713.3 51.8 77.8#

75 19464.1 23.1 34.7#

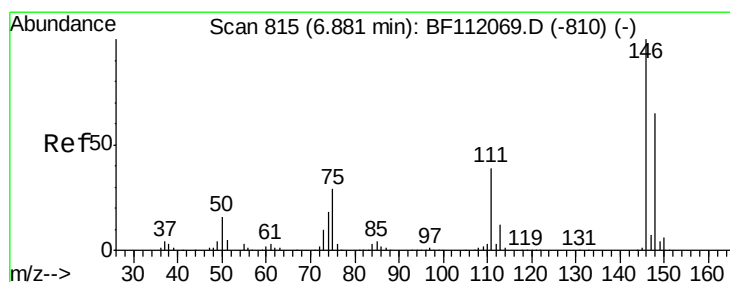
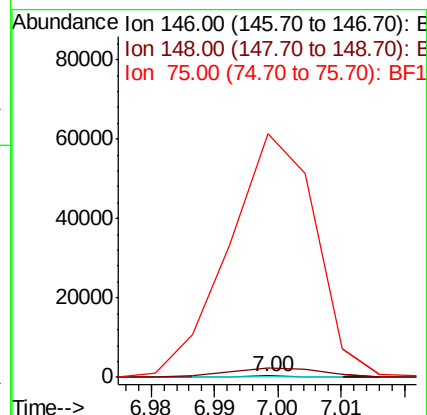
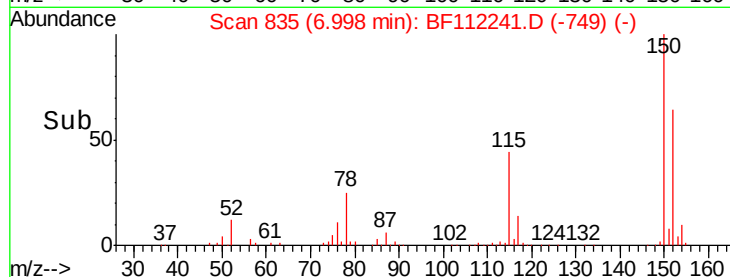


Abundance

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: 0.008 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.13 min

Lab File: BF112241.D

Acq: 25 Jan 2019 19:32

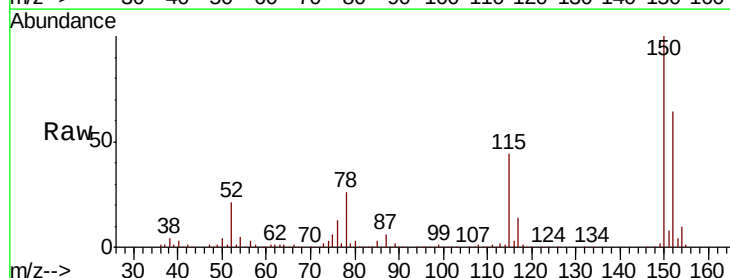
Tgt Ion:146 Resp: 111

Ion Ratio Lower Upper

146 100

148 713.3 52.0 78.0#

111 3102.9 31.2 46.8#

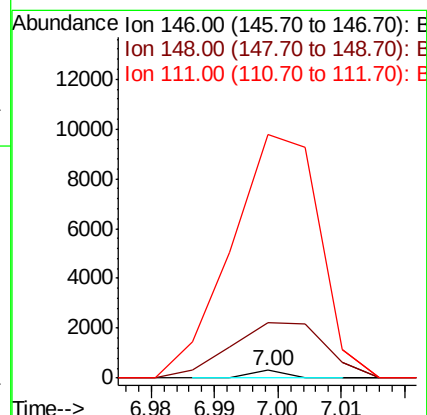
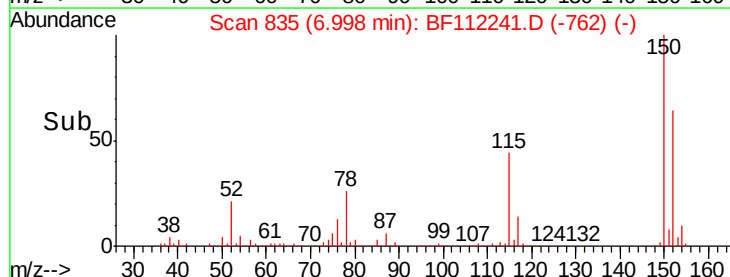


Abundance

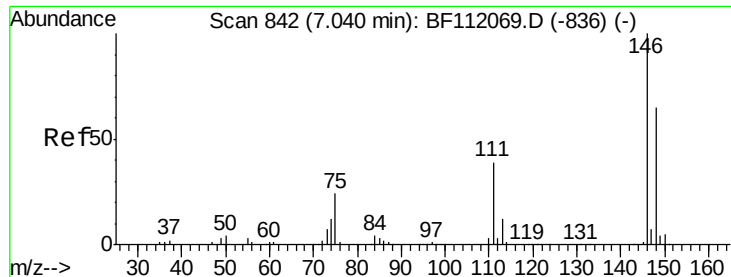
Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E







#14

1,2-Dichlorobenzene

Concen: 0.008 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.03 min

Lab File: BF112241.D

Acq: 25 Jan 2019 19:32

Instrument :

BNA\_F

ClientSampleId :

S2

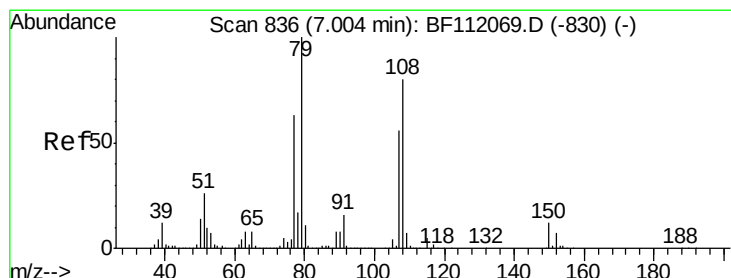
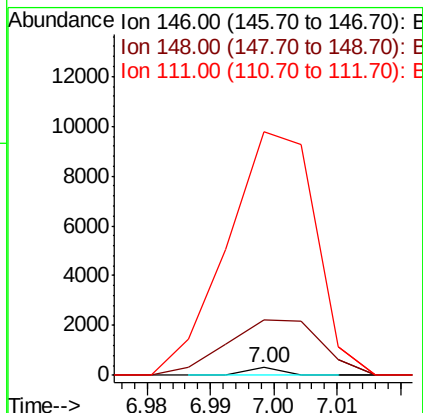
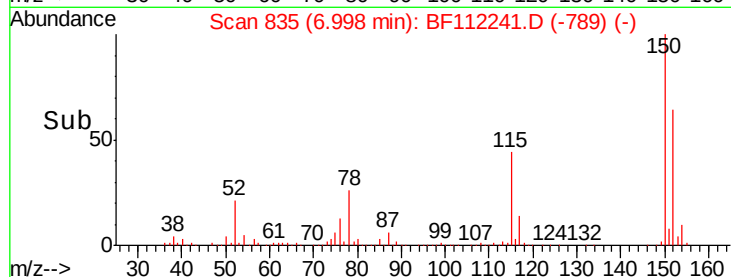
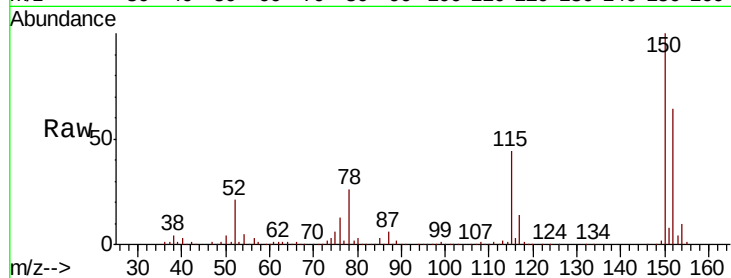
Tgt Ion:146 Resp: 111

Ion Ratio Lower Upper

146 100

148 713.3 52.2 78.4#

111 3102.9 31.2 46.8#



#15

Benzyl Alcohol

Concen: 1.847 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF112241.D

Acq: 25 Jan 2019 19:32

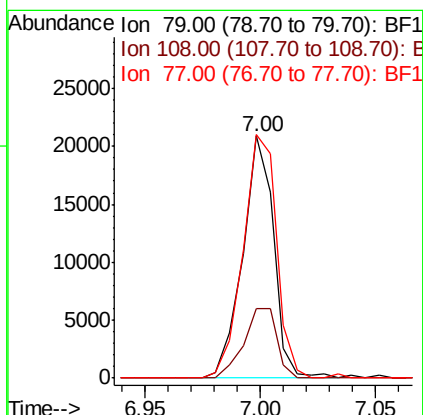
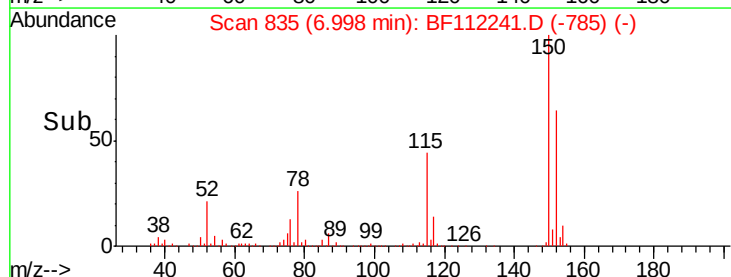
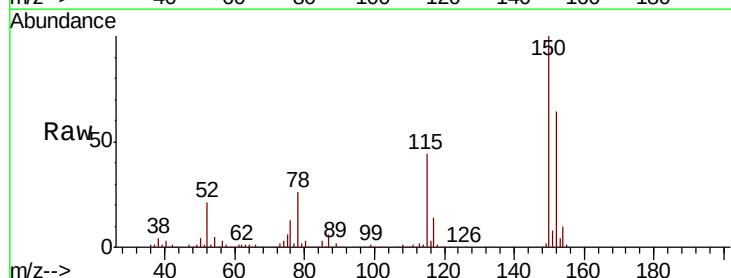
Tgt Ion: 79 Resp: 19651

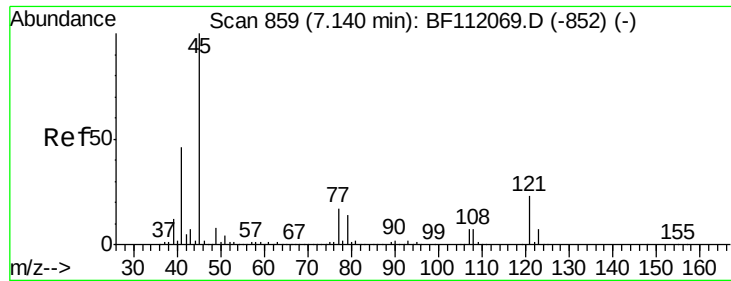
Ion Ratio Lower Upper

79 100

108 28.8 64.2 96.2#

77 100.5 50.3 75.5#

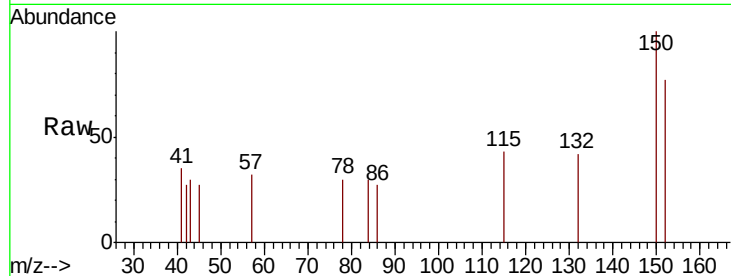




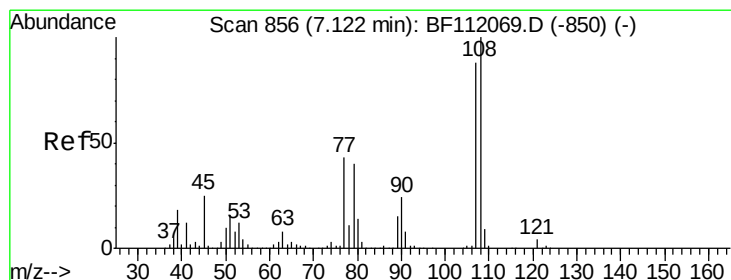
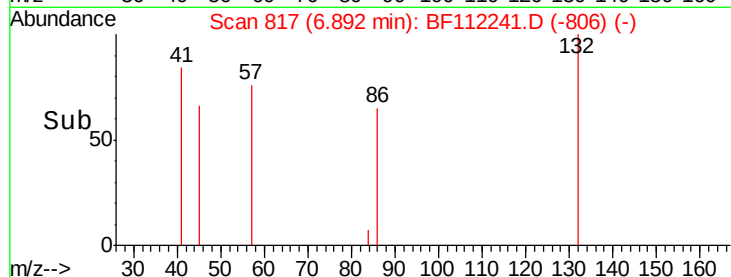
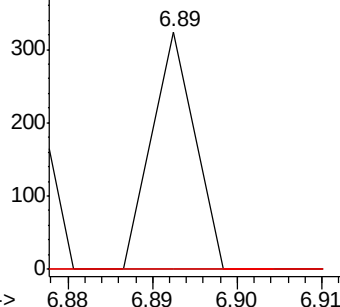
#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 0.008 ng  
RT: 6.89 min Scan# 817  
Delta R.T. -0.24 min  
Lab File: BF112241.D  
Acq: 25 Jan 2019 19:32

Instrument :  
BNA\_F  
ClientSampled :  
S2

Tgt Ion: 45 Resp: 114  
Ion Ratio Lower Upper  
45 100  
77 0.0 0.0 36.9  
79 0.0 0.0 34.0

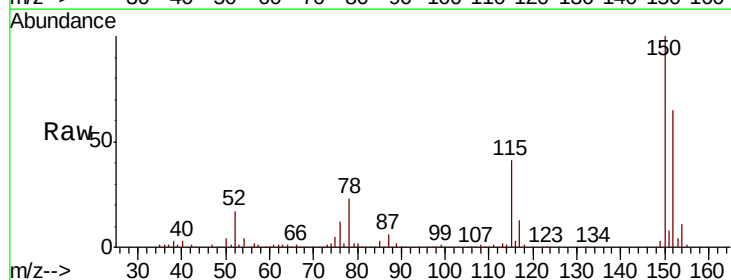


Abundance Ion 45.00 (44.70 to 45.70): BF1  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

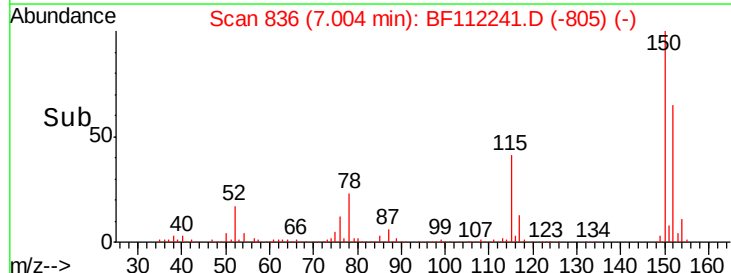
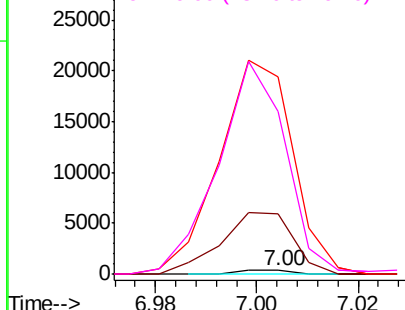


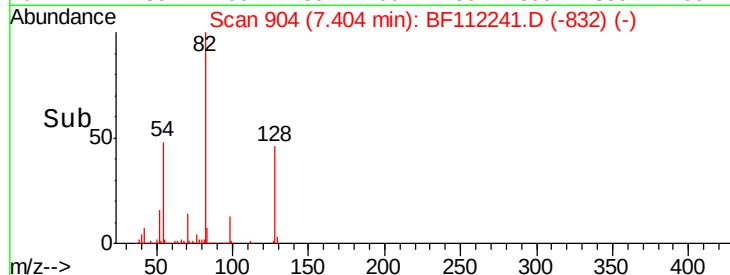
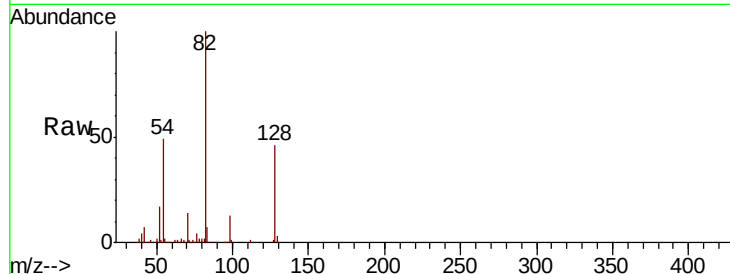
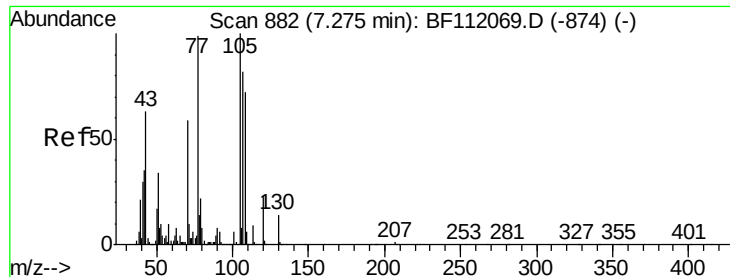
#17  
2-Methylphenol  
Concen: 0.026 ng  
RT: 7.00 min Scan# 836  
Delta R.T. -0.12 min  
Lab File: BF112241.D  
Acq: 25 Jan 2019 19:32

Tgt Ion: 107 Resp: 251  
Ion Ratio Lower Upper  
107 100  
108 1583.2 91.3 136.9#  
77 5166.0 39.0 58.6#  
79 4267.6 37.0 55.4#



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

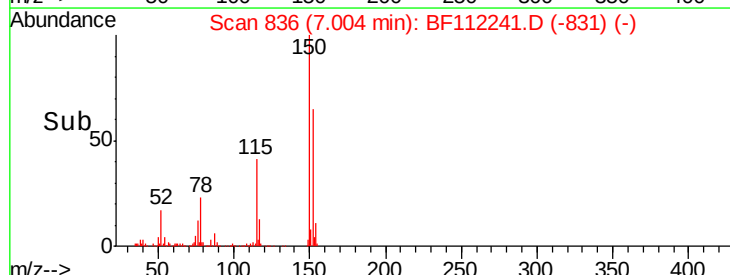
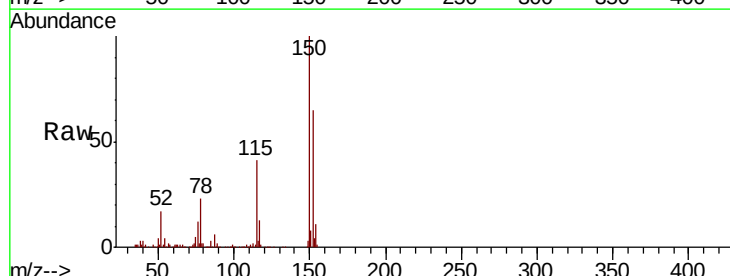
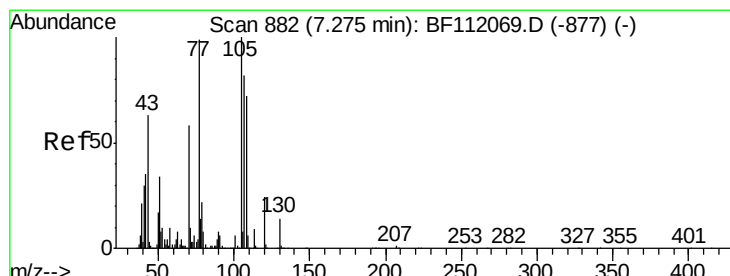
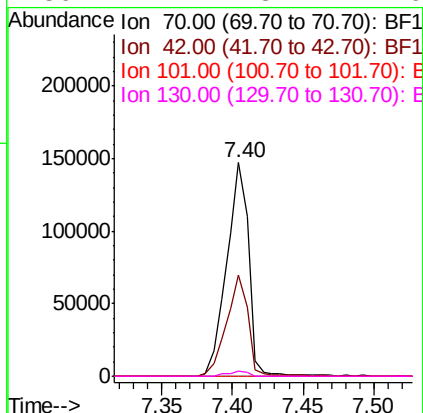




#19  
n-Nitroso-di-n-propylamine  
Concen: 18.296 ng  
RT: 7.40 min Scan# 904  
Delta R.T. 0.12 min  
Lab File: BF112241.D  
Acq: 25 Jan 2019 19:32

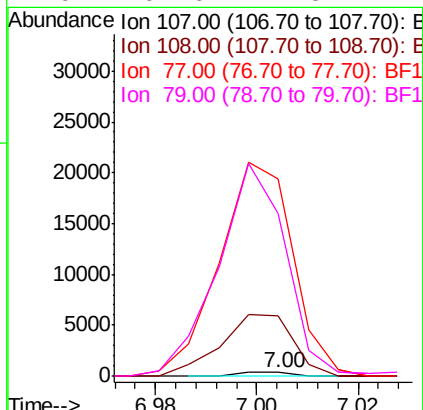
Instrument :  
BNA\_F  
ClientSampled :  
S2

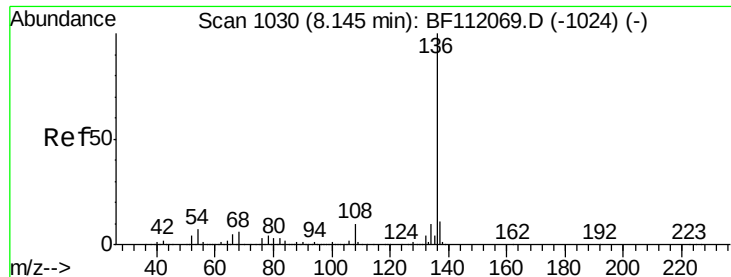
Tgt Ion: 70 Resp: 159198  
Ion Ratio Lower Upper  
70 100  
42 47.6 47.6 71.4  
101 0.0 7.9 11.9#  
130 2.2 18.4 27.6#



#20  
3+4-Methylphenols  
Concen: 0.020 ng  
RT: 7.00 min Scan# 836  
Delta R.T. -0.27 min  
Lab File: BF112241.D  
Acq: 25 Jan 2019 19:32

Tgt Ion: 107 Resp: 251  
Ion Ratio Lower Upper  
107 100  
108 1583.2 68.2 108.2#  
77 5166.0 100.7 140.7#  
79 4267.6 7.3 47.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF112241.D

Acq: 25 Jan 2019 19:32

Instrument :

BNA\_F

ClientSampleId :

S2

Tgt Ion:136 Resp: 655126

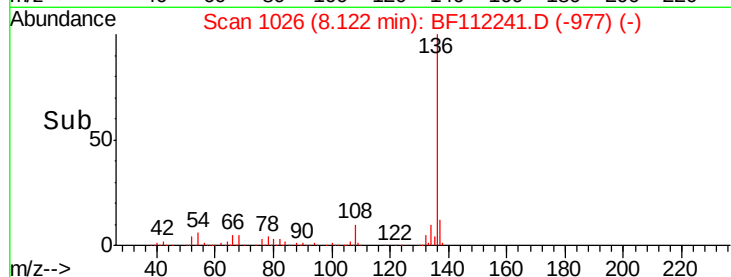
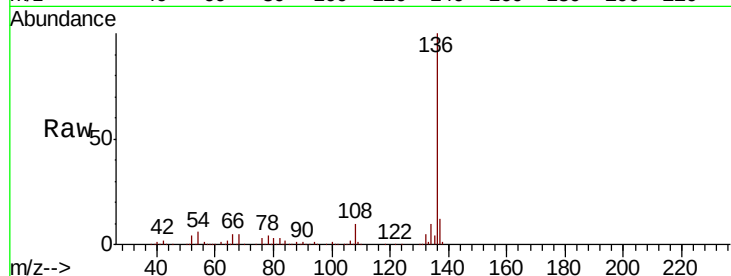
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 6.4 5.9 8.9

68 5.2 5.1 7.7

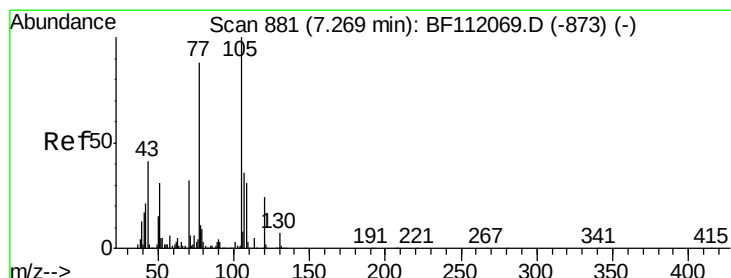
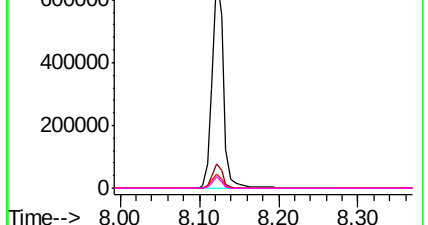


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.008 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.26 min

Lab File: BF112241.D

Acq: 25 Jan 2019 19:32

Tgt Ion:105 Resp: 121

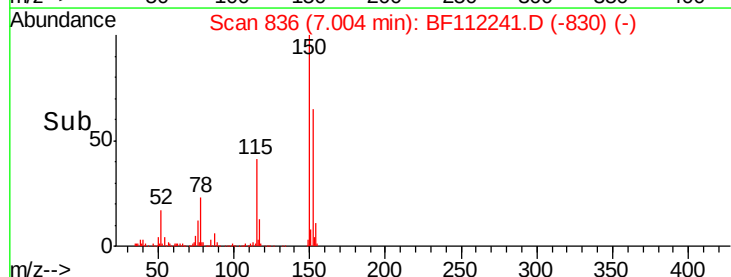
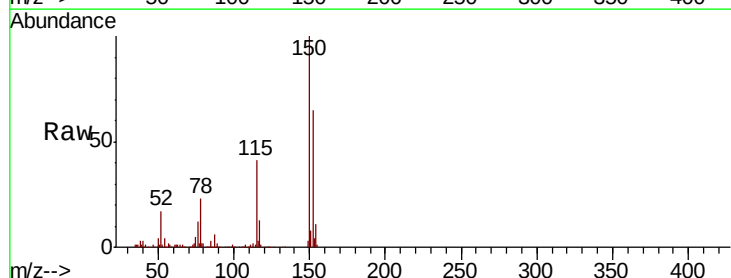
Ion Ratio Lower Upper

105 100

71 550.4 4.6 6.8#

51 2126.5 25.0 37.6#

120 339.9 19.0 28.4#

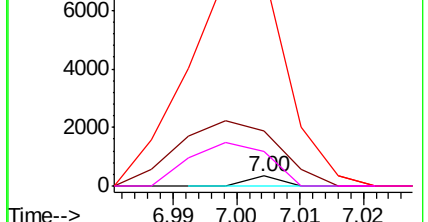


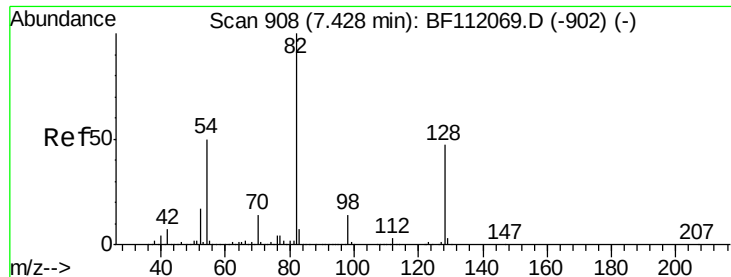
Abundance Ion 105.00 (104.70 to 105.70): E

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

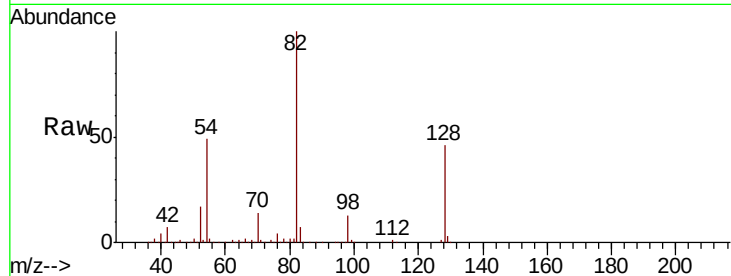




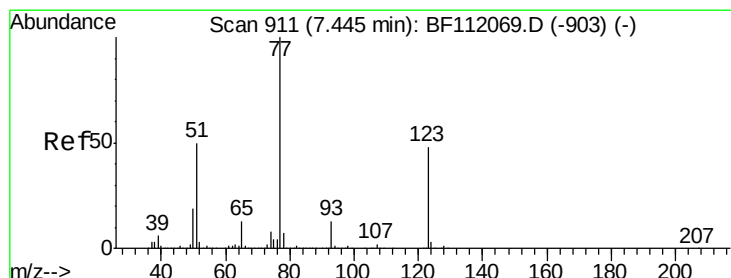
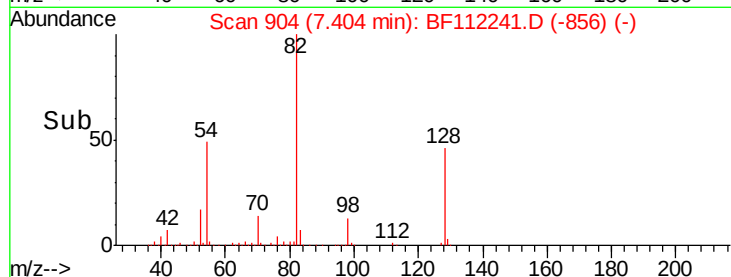
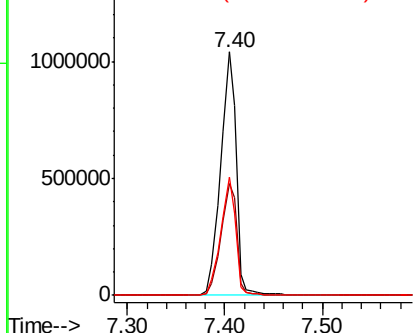
#23  
 Nitrobenzene-d5  
 Concen: 101.789 ng  
 RT: 7.40 min Scan# 904  
 Delta R.T. -0.02 min  
 Lab File: BF112241.D  
 Acq: 25 Jan 2019 19:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S2

Tgt Ion: 82 Resp: 1157322  
 Ion Ratio Lower Upper  
 82 100  
 128 46.0 37.8 56.8  
 54 48.6 39.7 59.5

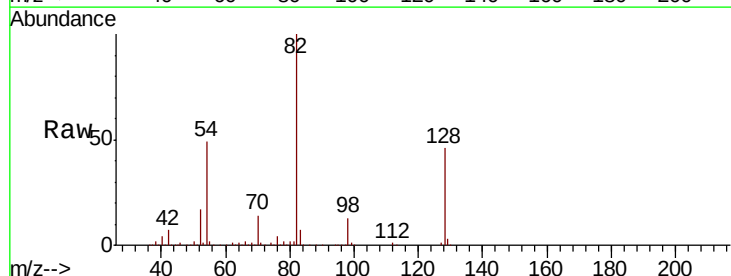


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

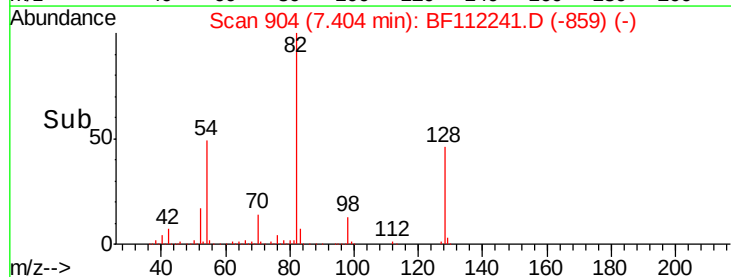
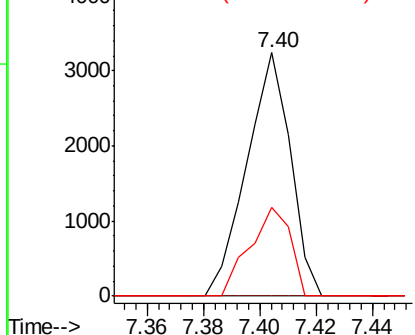


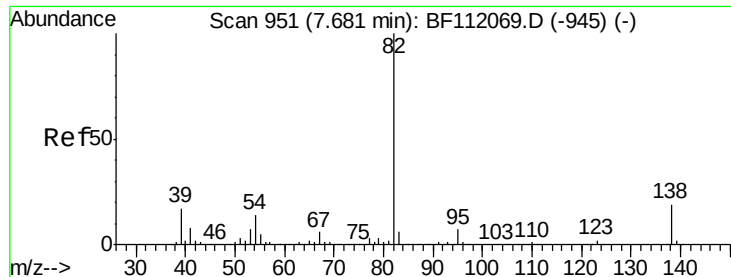
#24  
 Nitrobenzene  
 Concen: 0.306 ng  
 RT: 7.40 min Scan# 904  
 Delta R.T. -0.04 min  
 Lab File: BF112241.D  
 Acq: 25 Jan 2019 19:32

Tgt Ion: 77 Resp: 3480  
 Ion Ratio Lower Upper  
 77 100  
 123 0.0 38.4 57.6#  
 65 36.3 10.6 15.8#



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: 63.900 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.28 min

Lab File: BF112241.D

Acq: 25 Jan 2019 19:32

Instrument :

BNA\_F

ClientSampleId :

S2

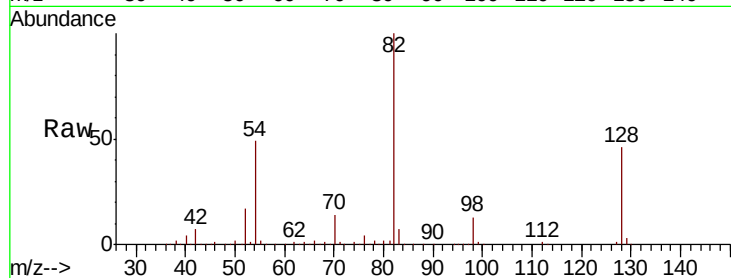
Tgt Ion: 82 Resp: 1139779

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

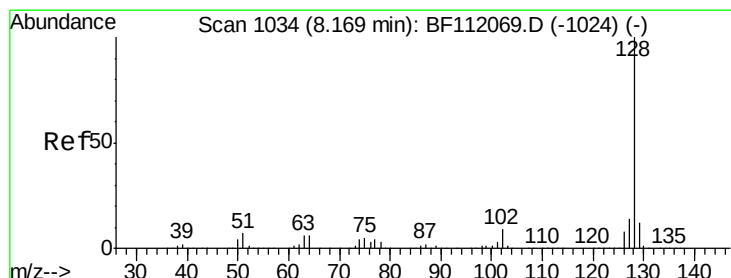
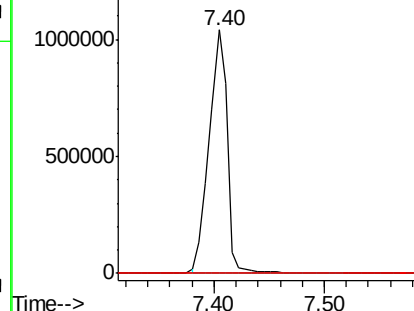
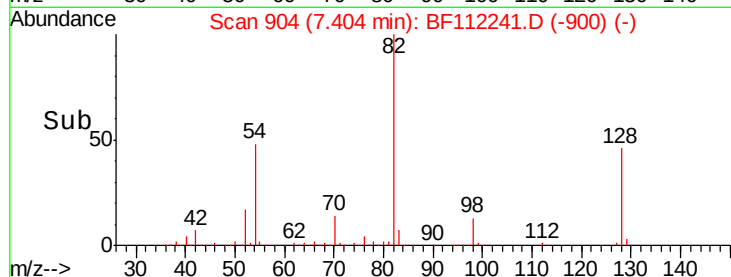
138 0.0 15.4 23.0#



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



#31

Naphthalene

Concen: 0.056 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF112241.D

Acq: 25 Jan 2019 19:32

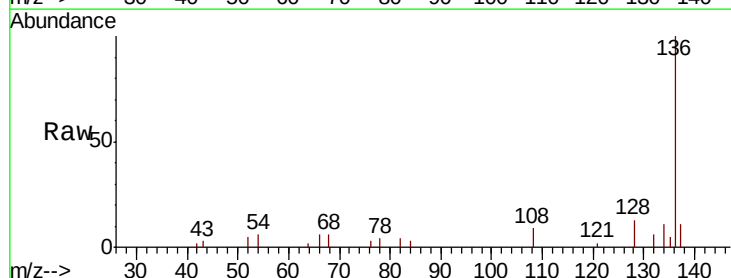
Tgt Ion: 128 Resp: 1726

Ion Ratio Lower Upper

128 100

129 0.0 9.6 14.4#

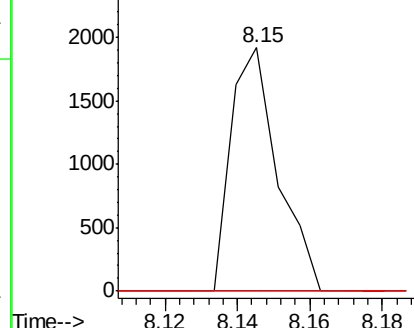
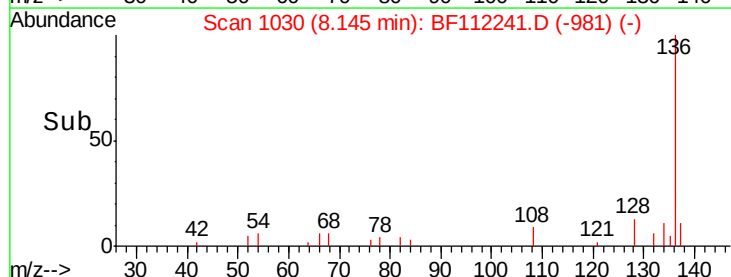
127 0.0 11.1 16.7#

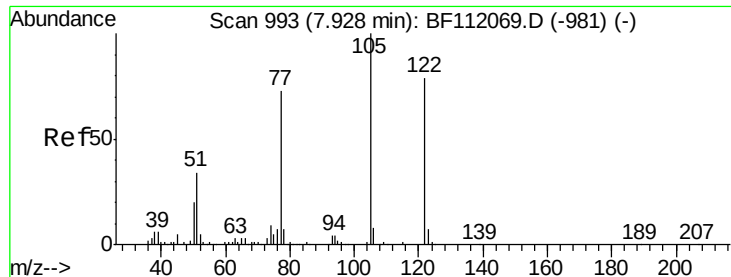


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 0.023 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.15 min

Lab File: BF112241.D

Acq: 25 Jan 2019 19:32

Instrument :

BNA\_F

ClientSampleId :

S2

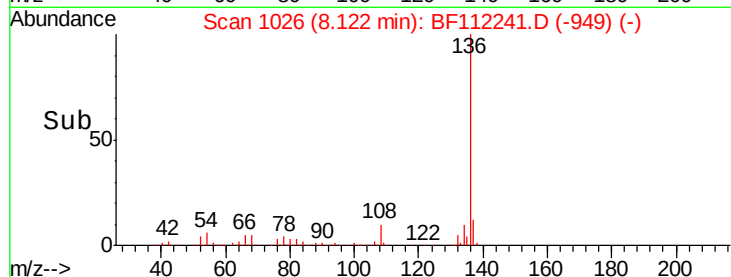
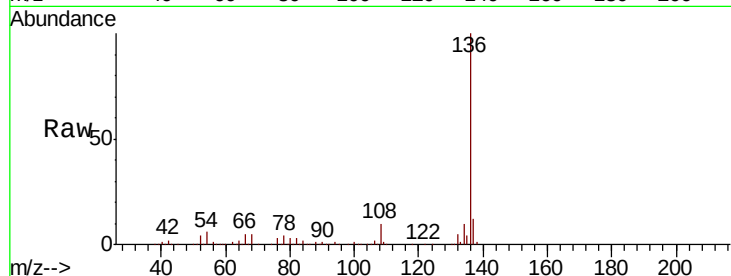
Tgt Ion:122 Resp: 109

Ion Ratio Lower Upper

122 100

105 290.0 101.2 141.2#

77 746.6 70.4 110.4#

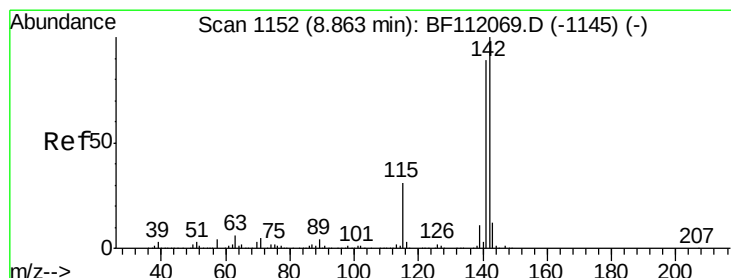
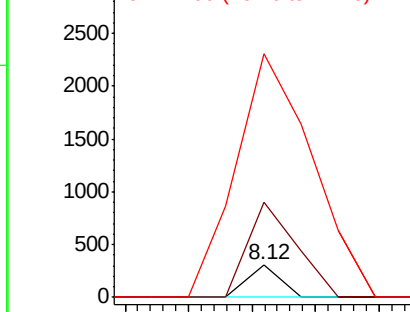


Abundance

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



#37

2-Methylnaphthalene

Concen: 0.016 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF112241.D

Acq: 25 Jan 2019 19:32

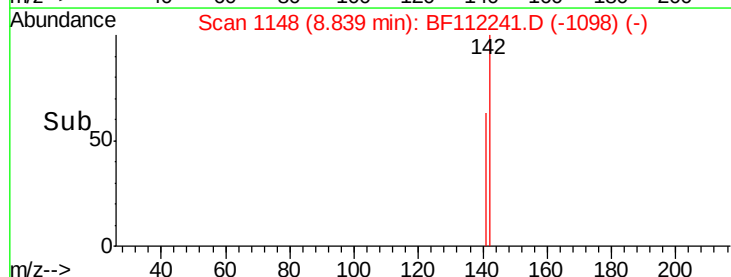
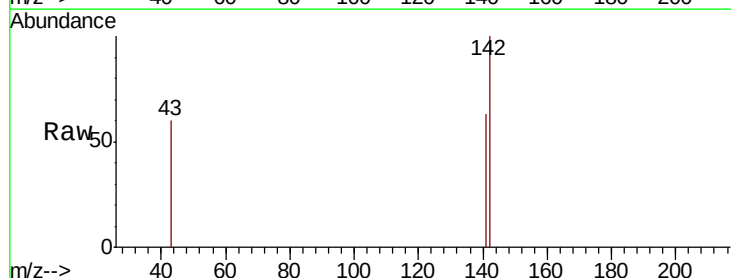
Tgt Ion:142 Resp: 326

Ion Ratio Lower Upper

142 100

141 63.1 70.9 106.3#

115 0.0 24.9 37.3#

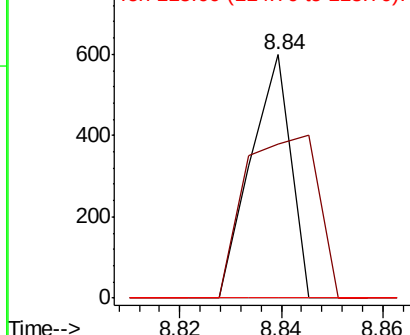


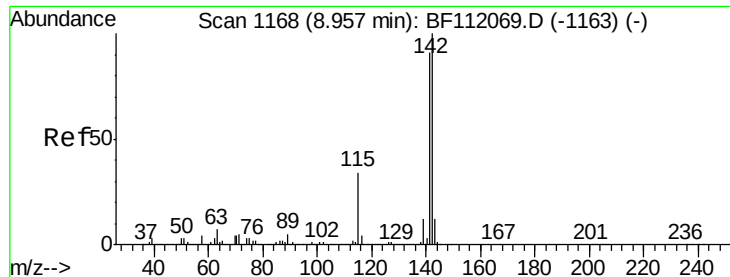
Abundance

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

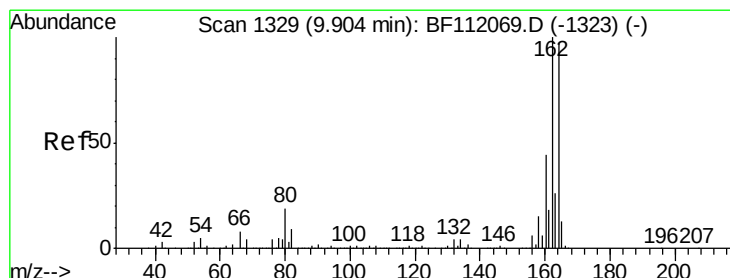
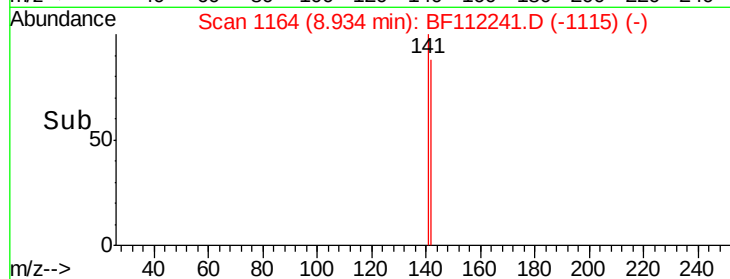
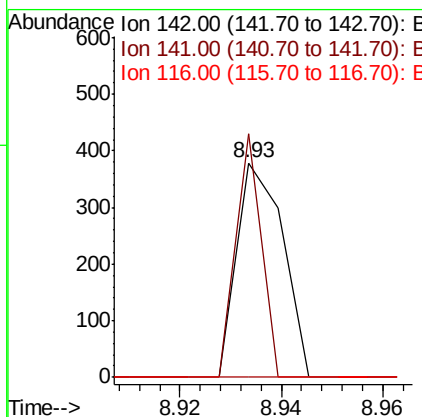
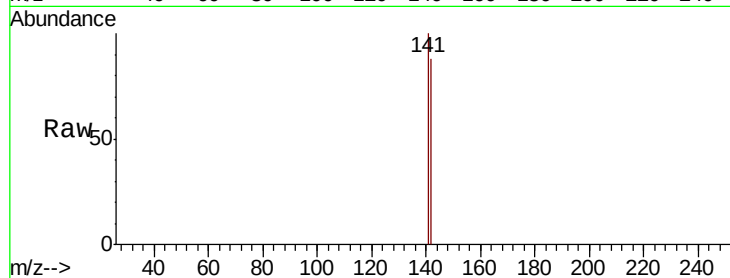




#38  
 1-Methylnaphthalene  
 Concen: 0.012 ng  
 RT: 8.93 min Scan# 1164  
 Delta R.T. -0.01 min  
 Lab File: BF112241.D  
 Acq: 25 Jan 2019 19:32

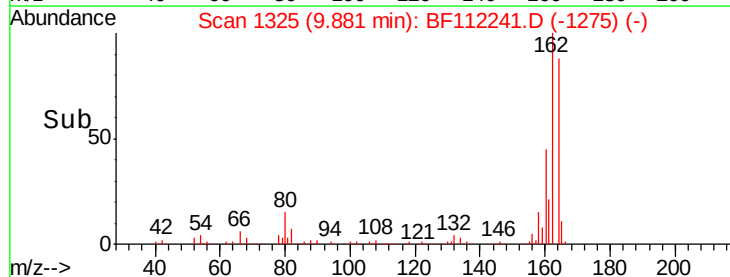
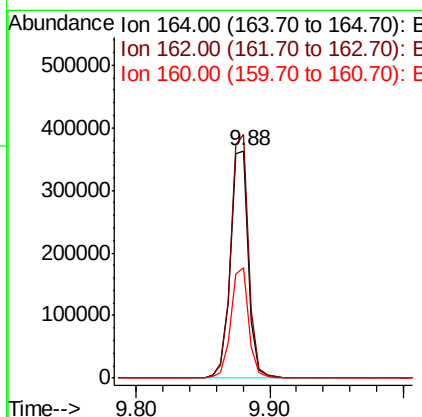
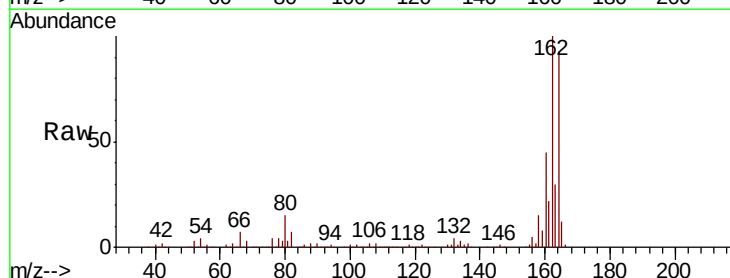
Instrument :  
 BNA\_F  
 ClientSampleId :  
 S2

Tgt Ion:142 Resp: 240  
 Ion Ratio Lower Upper  
 142 100  
 141 113.5 72.6 108.8#  
 116 0.0 2.8 4.2#

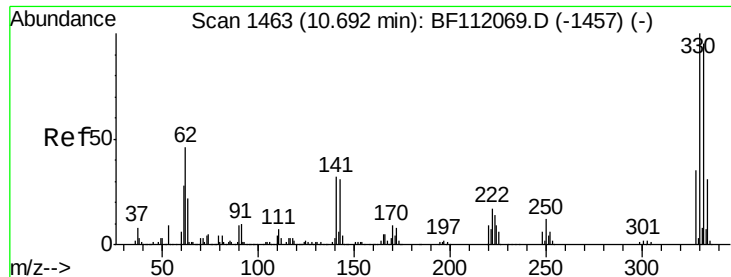


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.88 min Scan# 1325  
 Delta R.T. -0.01 min  
 Lab File: BF112241.D  
 Acq: 25 Jan 2019 19:32

Tgt Ion:164 Resp: 346368  
 Ion Ratio Lower Upper  
 164 100  
 162 107.0 82.2 123.4  
 160 48.7 36.2 54.4



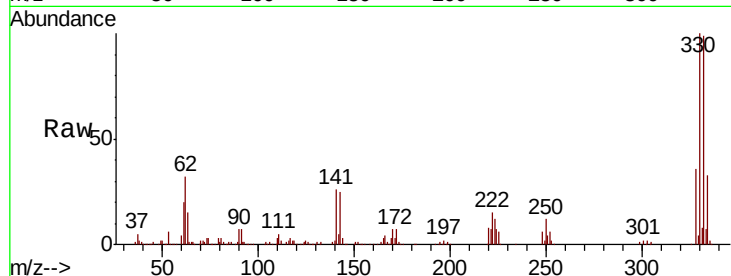




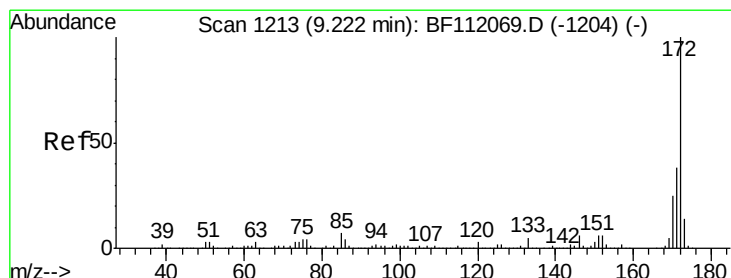
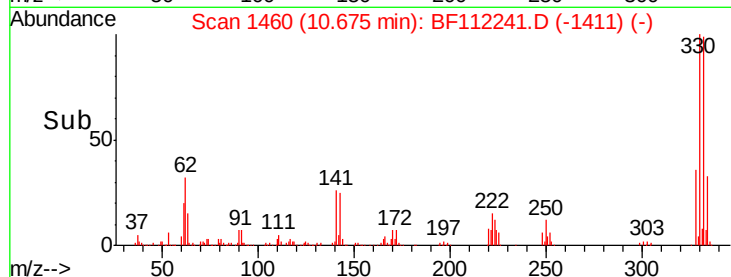
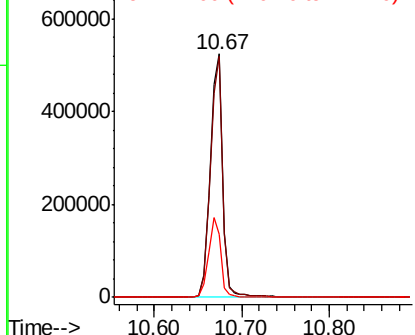
#42  
 2,4,6-Tribromophenol  
 Concen: 128.252 ng  
 RT: 10.67 min Scan# 1460  
 Delta R.T. -0.01 min  
 Lab File: BF112241.D  
 Acq: 25 Jan 2019 19:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S2

Tgt Ion:330 Resp: 517063  
 Ion Ratio Lower Upper  
 330 100  
 332 97.8 76.6 114.8  
 141 32.5 24.3 36.5

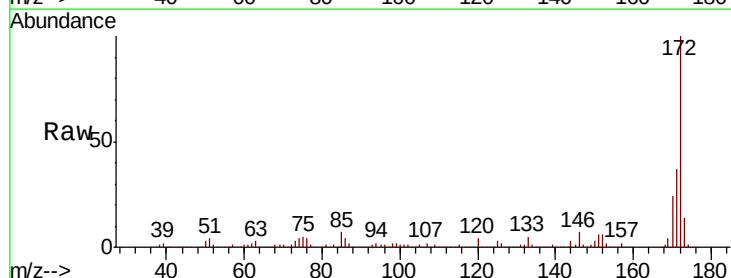


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

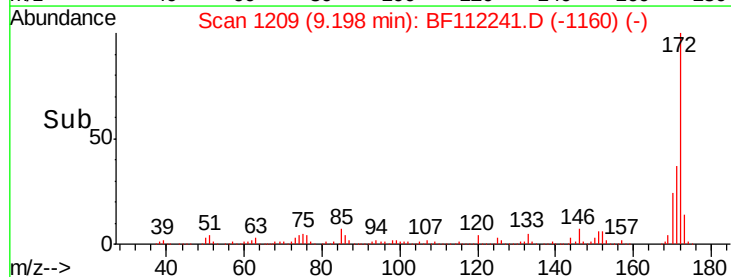
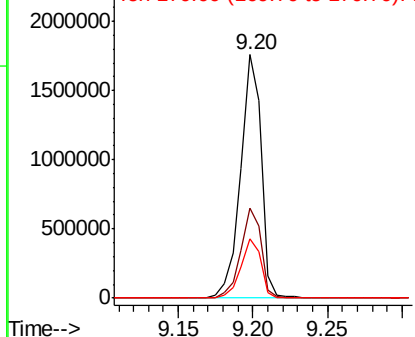


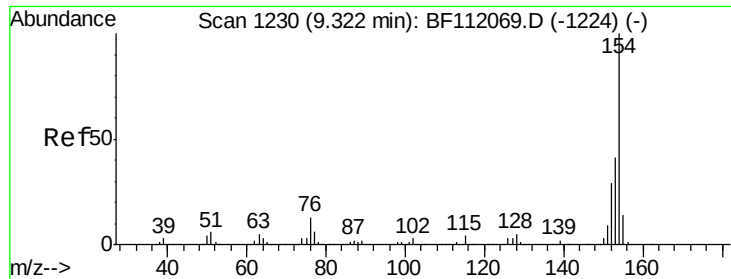
#45  
 2-Fluorobiphenyl  
 Concen: 69.361 ng  
 RT: 9.20 min Scan# 1209  
 Delta R.T. -0.01 min  
 Lab File: BF112241.D  
 Acq: 25 Jan 2019 19:32

Tgt Ion:172 Resp: 1698644  
 Ion Ratio Lower Upper  
 172 100  
 171 37.0 30.5 45.7  
 170 24.5 20.2 30.4



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

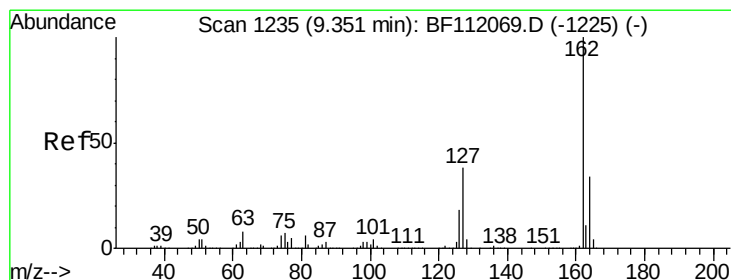
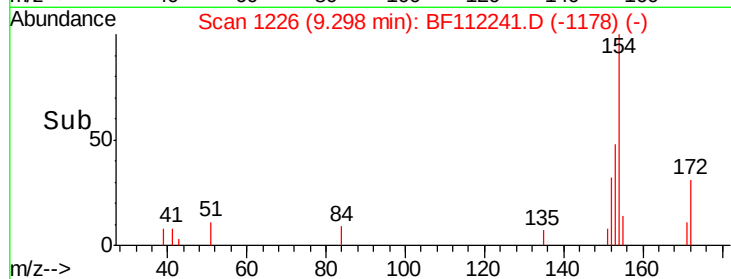
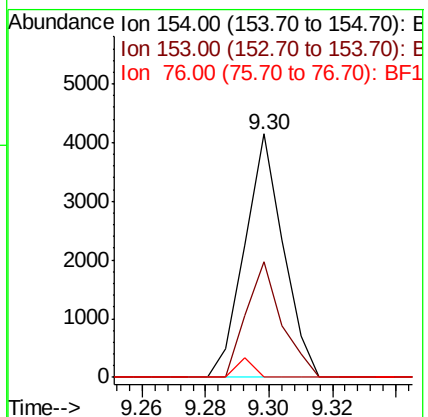
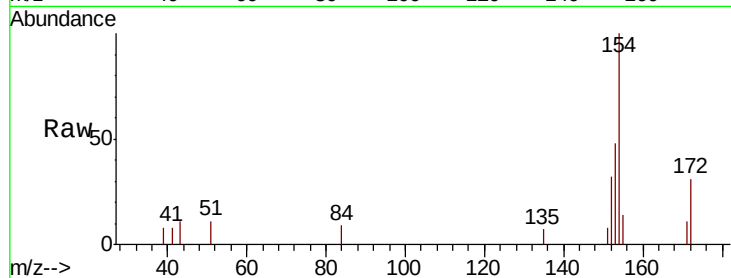




#46  
 1,1'-Biphenyl  
 Concen: 0.116 ng  
 RT: 9.30 min Scan# 1226  
 Delta R.T. -0.02 min  
 Lab File: BF112241.D  
 Acq: 25 Jan 2019 19:32

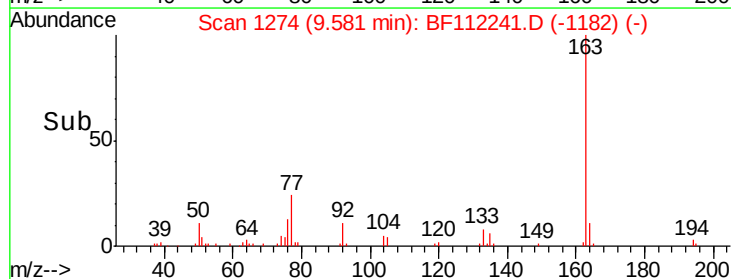
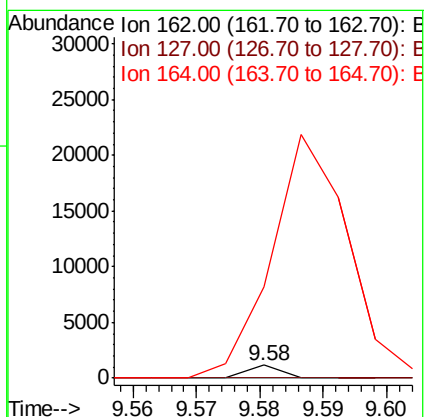
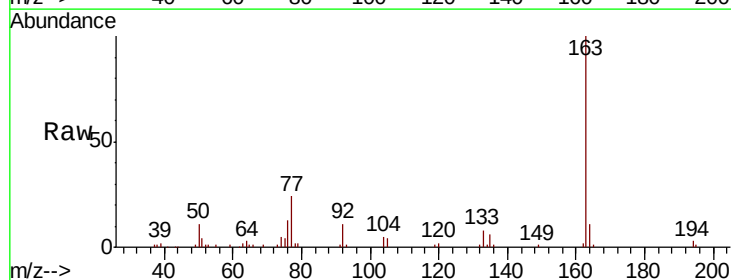
Instrument :  
 BNA\_F  
 ClientSampled :  
 S2

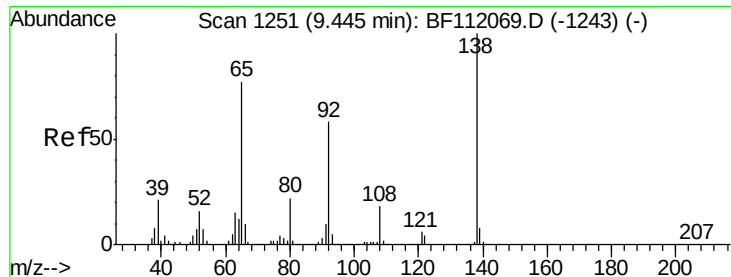
Tgt Ion:154 Resp: 3517  
 Ion Ratio Lower Upper  
 154 100  
 153 47.6 21.5 61.5  
 76 0.0 0.0 33.1



#47  
 2-Chloronaphthalene  
 Concen: 0.017 ng  
 RT: 9.58 min Scan# 1274  
 Delta R.T. 0.24 min  
 Lab File: BF112241.D  
 Acq: 25 Jan 2019 19:32

Tgt Ion:162 Resp: 407  
 Ion Ratio Lower Upper  
 162 100  
 127 0.0 30.4 45.6#  
 164 712.2 27.4 41.2#





#48

2-Nitroaniline

Concen: 0.247 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.15 min

Lab File: BF112241.D

Acq: 25 Jan 2019 19:32

Instrument :

BNA\_F

ClientSampleId :

S2

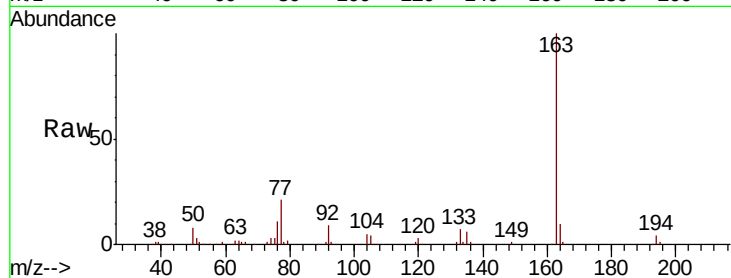
Tgt Ion: 65 Resp: 1582

Ion Ratio Lower Upper

65 100

92 983.6 60.4 90.6#

138 0.0 104.4 156.6#

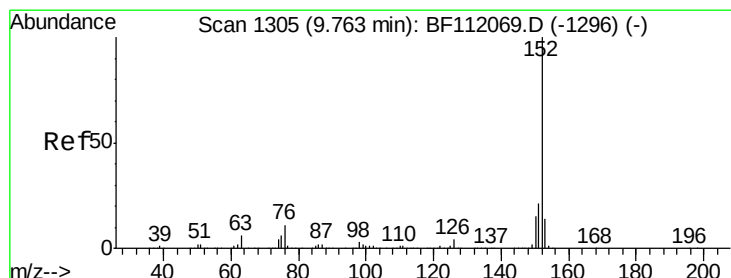
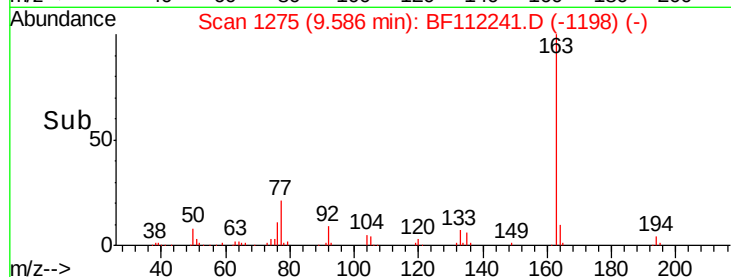
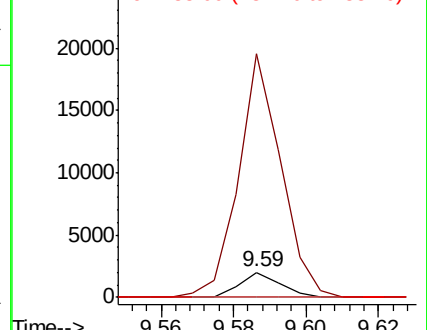


Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#49

Acenaphthylene

Concen: 0.008 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF112241.D

Acq: 25 Jan 2019 19:32

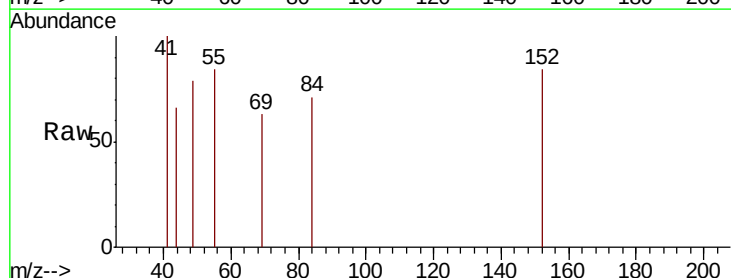
Tgt Ion: 152 Resp: 266

Ion Ratio Lower Upper

152 100

151 0.0 17.0 25.6#

153 0.0 11.2 16.8#

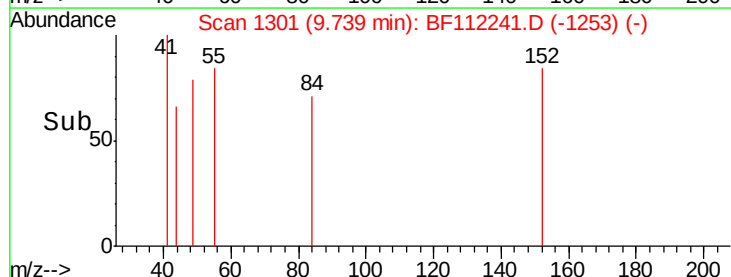
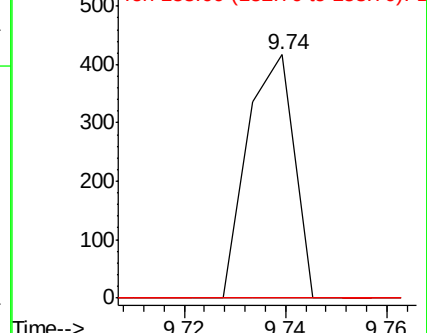


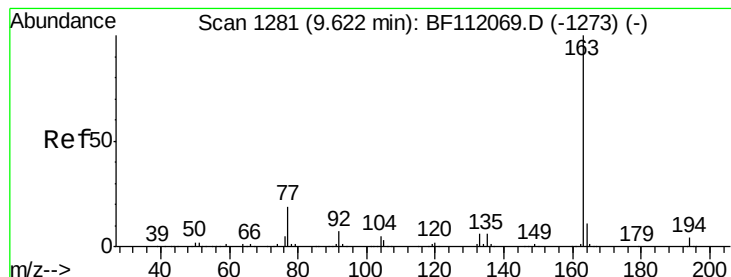
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#50

Dimethylphthalate

Concen: 7.009 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.03 min

Lab File: BF112241.D

Acq: 25 Jan 2019 19:32

Instrument :

BNA\_F

ClientSampleId :

S2

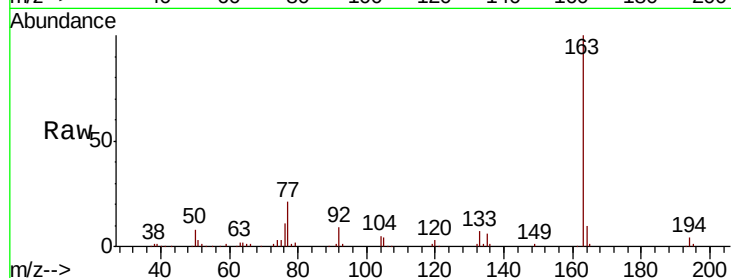
Tgt Ion:163 Resp: 188618

Ion Ratio Lower Upper

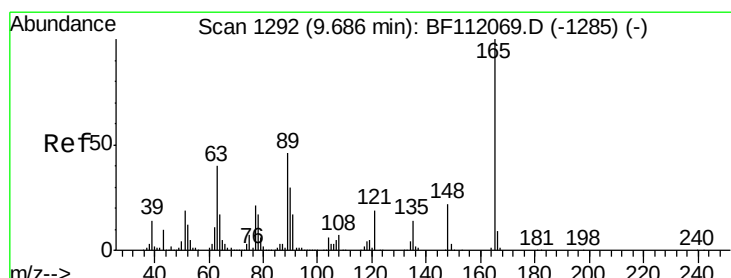
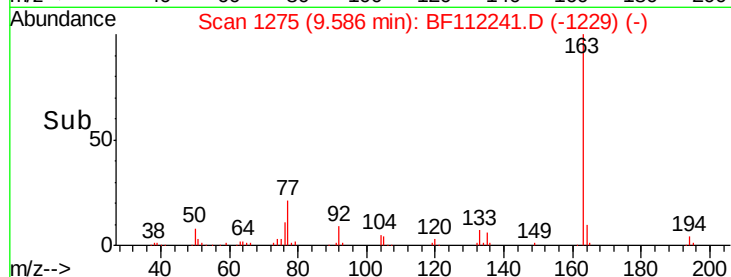
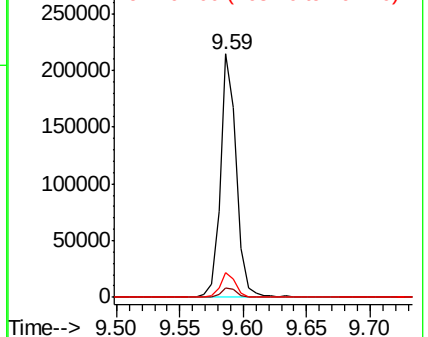
163 100

194 3.9 3.3 4.9

164 10.2 8.5 12.7



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



#51

2,6-Dinitrotoluene

Concen: 0.349 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.09 min

Lab File: BF112241.D

Acq: 25 Jan 2019 19:32

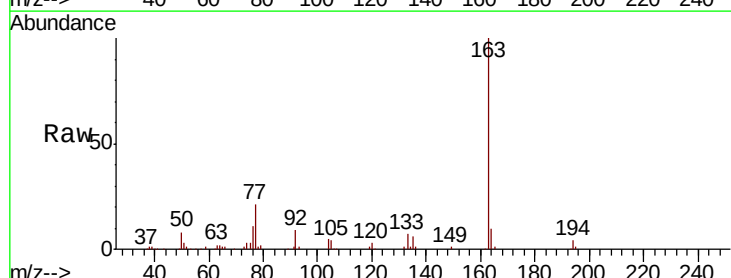
Tgt Ion:165 Resp: 2104

Ion Ratio Lower Upper

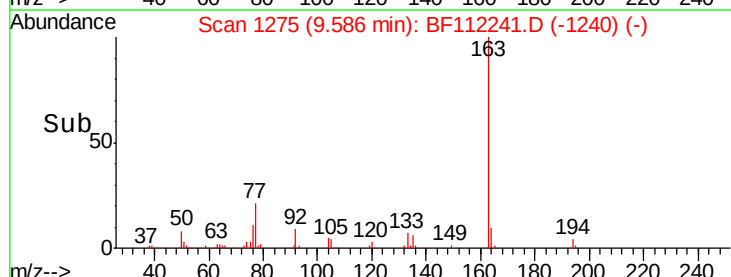
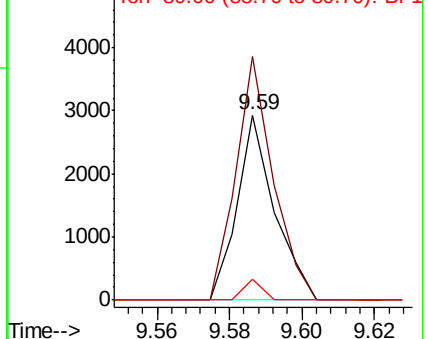
165 100

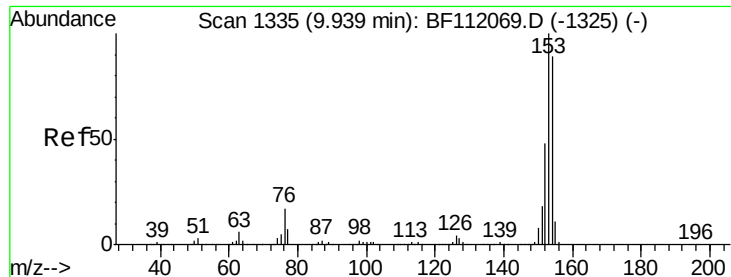
63 131.5 33.8 50.8#

89 11.1 36.9 55.3#



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





#52

Acenaphthene

Concen: 0.226 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF112241.D

Acq: 25 Jan 2019 19:32

Instrument :

BNA\_F

ClientSampleId :

S2

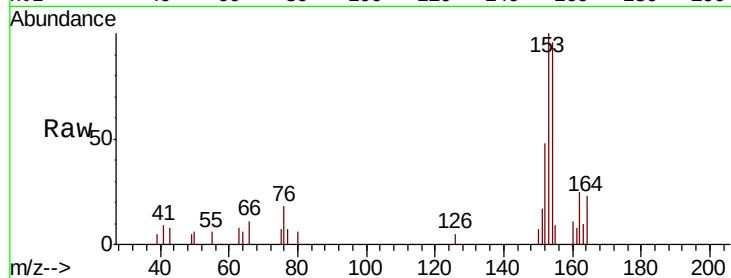
Tgt Ion:154 Resp: 4637

Ion Ratio Lower Upper

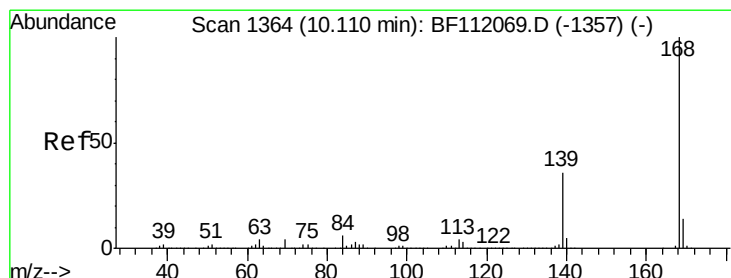
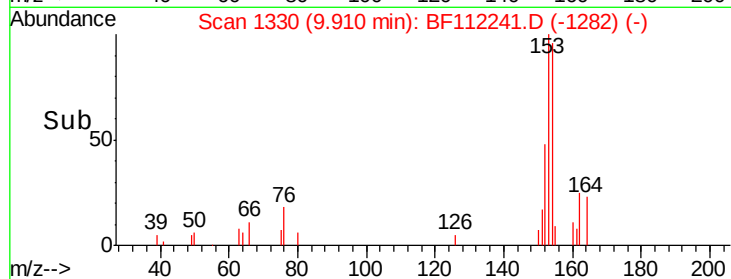
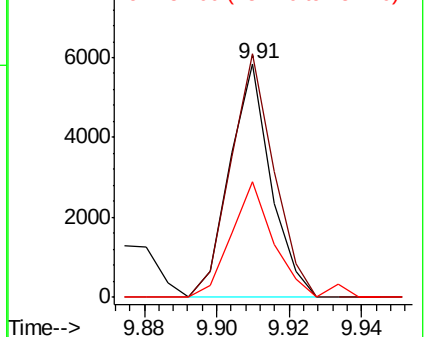
154 100

153 104.1 89.8 134.6

152 49.6 43.5 65.3



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



#55

Dibenzofuran

Concen: 0.076 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.01 min

Lab File: BF112241.D

Acq: 25 Jan 2019 19:32

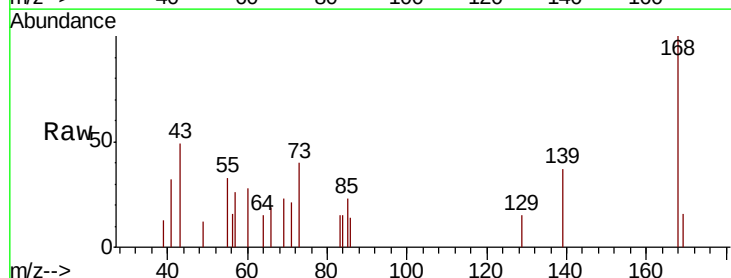
Tgt Ion:168 Resp: 2379

Ion Ratio Lower Upper

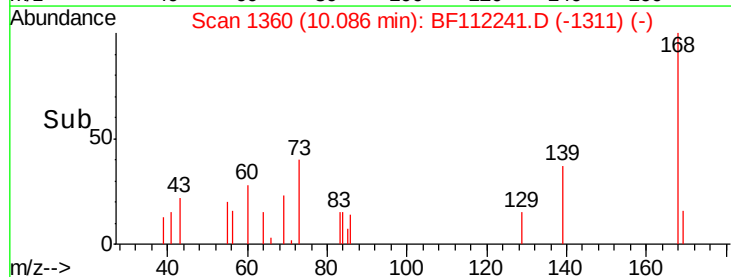
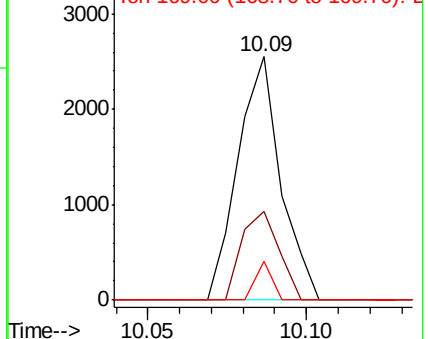
168 100

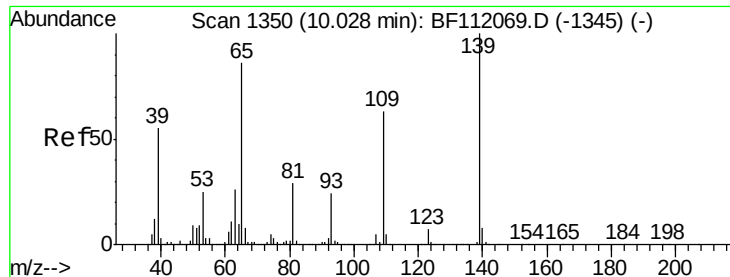
139 36.5 29.2 43.8

169 16.0 11.4 17.0



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

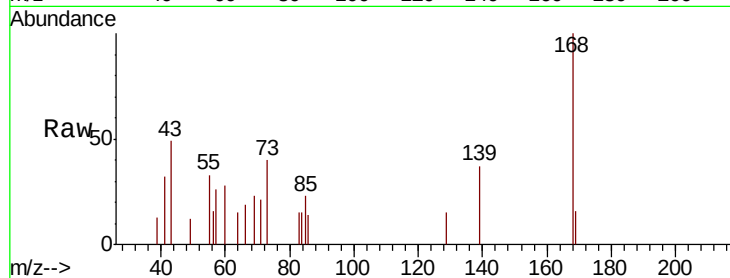




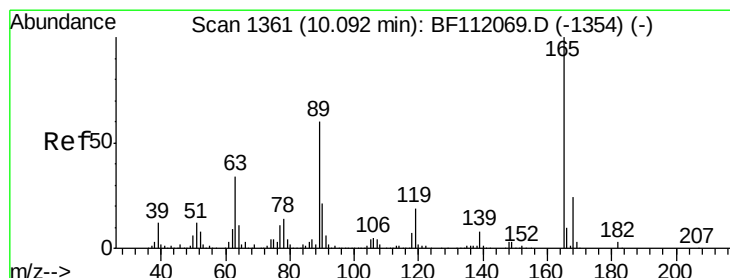
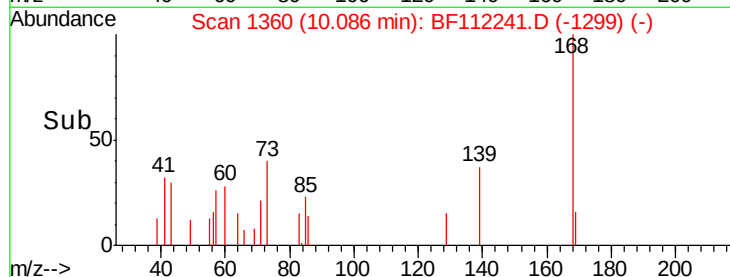
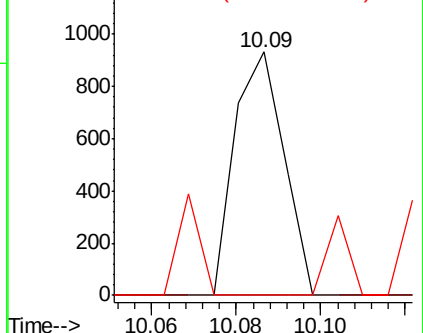
#56  
4-Nitrophenol  
Concen: 0.218 ng  
RT: 10.09 min Scan# 1360  
Delta R.T. 0.06 min  
Lab File: BF112241.D  
Acq: 25 Jan 2019 19:32

Instrument :  
BNA\_F  
ClientSampleId :  
S2

Tgt Ion:139 Resp: 753  
Ion Ratio Lower Upper  
139 100  
109 0.0 42.8 82.8#  
65 0.0 66.1 106.1#

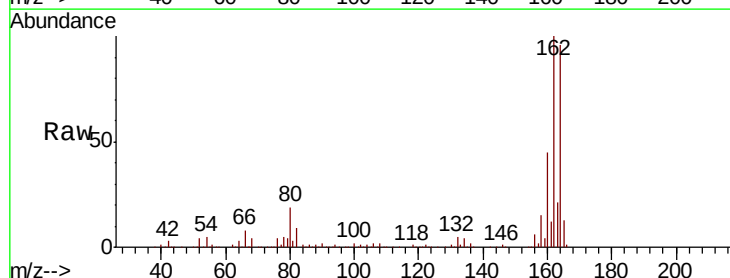


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF1

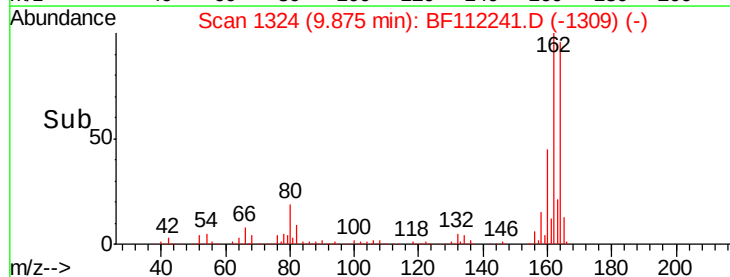
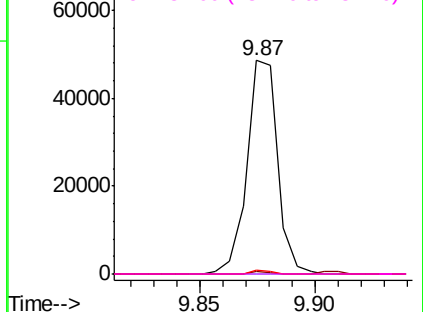


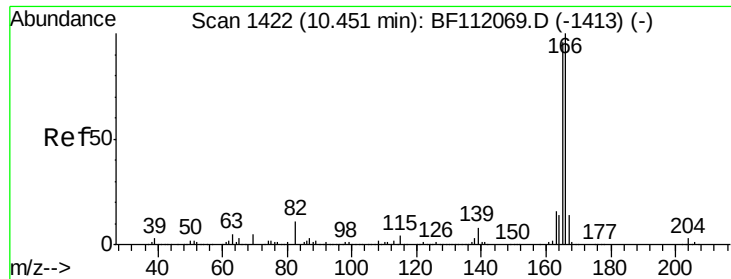
#57  
2,4-Dinitrotoluene  
Concen: 5.905 ng  
RT: 9.87 min Scan# 1324  
Delta R.T. -0.21 min  
Lab File: BF112241.D  
Acq: 25 Jan 2019 19:32

Tgt Ion:165 Resp: 45307  
Ion Ratio Lower Upper  
165 100  
63 1.3 27.9 41.9#  
89 1.7 47.9 71.9#  
182 0.0 2.2 3.4#



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





#58

Fluorene

Concen: 0.099 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF112241.D

Acq: 25 Jan 2019 19:32

Instrument :

BNA\_F

ClientSampleId :

S2

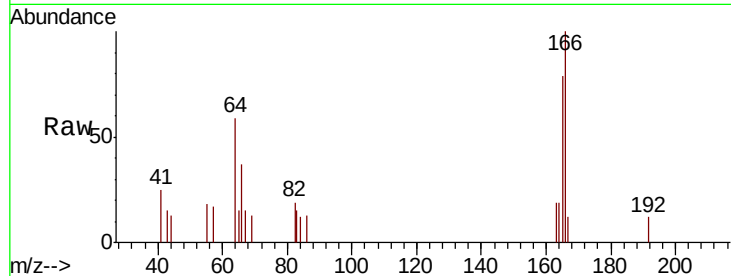
Tgt Ion:166 Resp: 2329

Ion Ratio Lower Upper

166 100

165 79.2 77.1 115.7

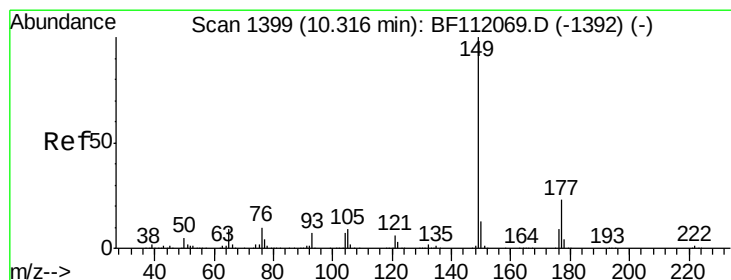
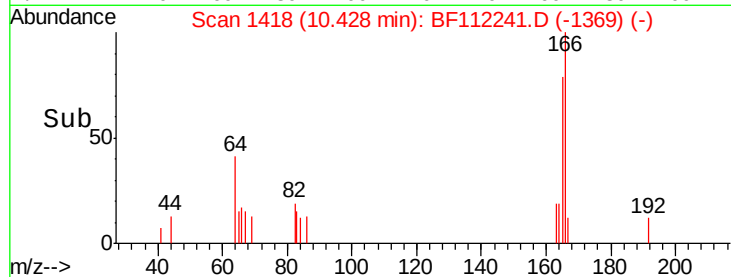
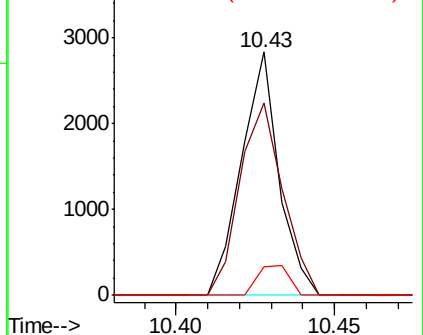
167 11.5 11.3 16.9



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



#60

Diethylphthalate

Concen: 0.060 ng

RT: 10.29 min Scan# 1394

Delta R.T. -0.02 min

Lab File: BF112241.D

Acq: 25 Jan 2019 19:32

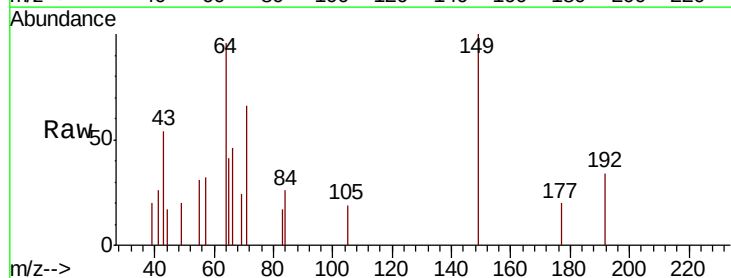
Tgt Ion:149 Resp: 1601

Ion Ratio Lower Upper

149 100

177 20.0 18.2 27.2

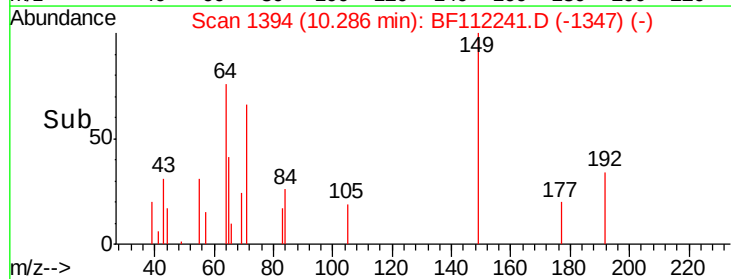
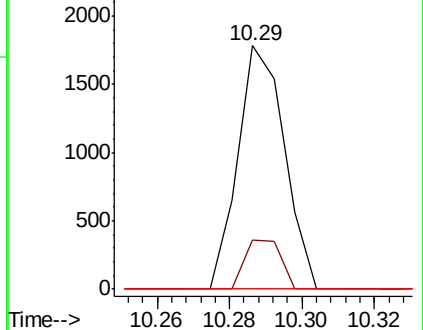
150 0.0 10.4 15.6#

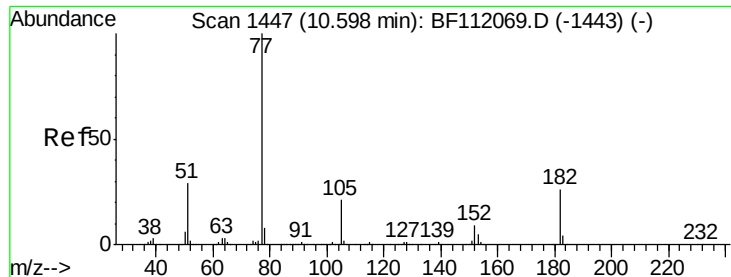


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Azobenzene

Concen: 0.025 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF112241.D

Acq: 25 Jan 2019 19:32

Instrument :

BNA\_F

ClientSampled :

S2

Tgt Ion: 77 Resp: 578

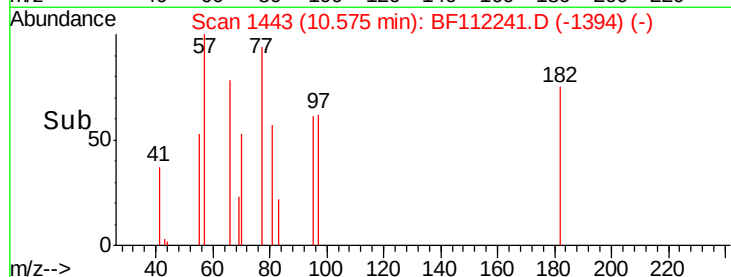
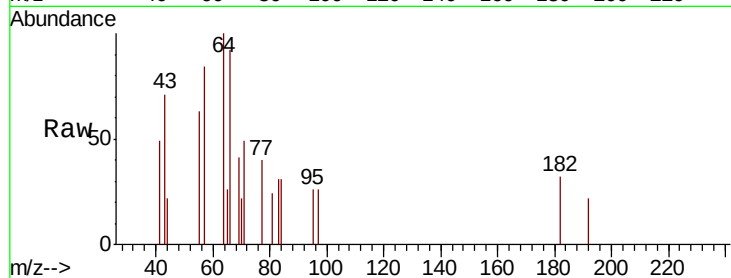
Ion Ratio Lower Upper

77 100

182 80.5 5.7 45.7#

105 0.0 1.4 41.4#

51 0.0 9.5 49.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1

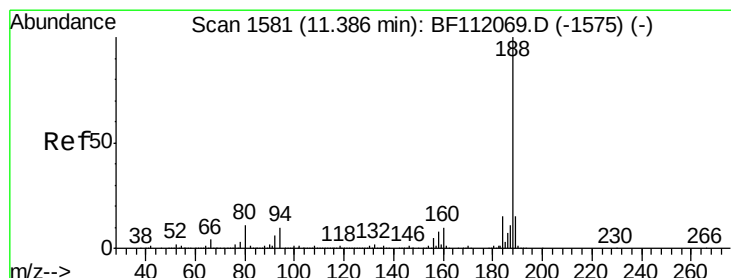
Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Time-->

10.55 10.57 10.60



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF112241.D

Acq: 25 Jan 2019 19:32

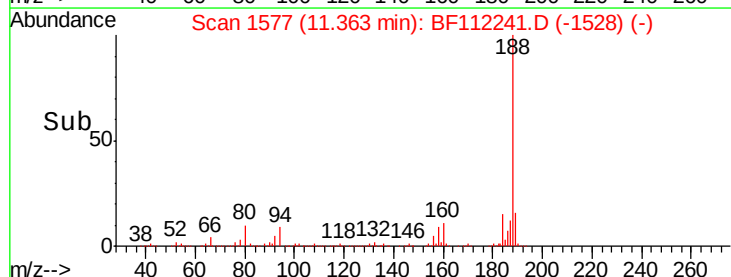
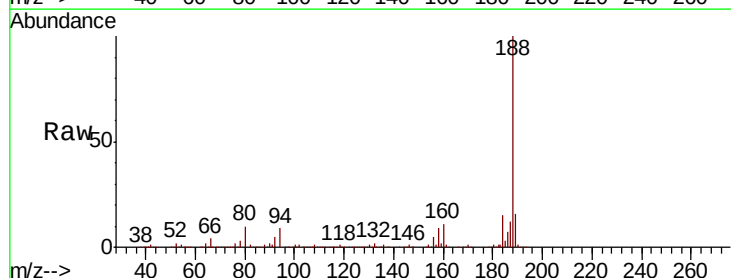
Tgt Ion: 188 Resp: 631781

Ion Ratio Lower Upper

188 100

94 9.1 8.2 12.2

80 9.8 8.9 13.3



Abundance Ion 188.00 (187.70 to 188.70): BF1

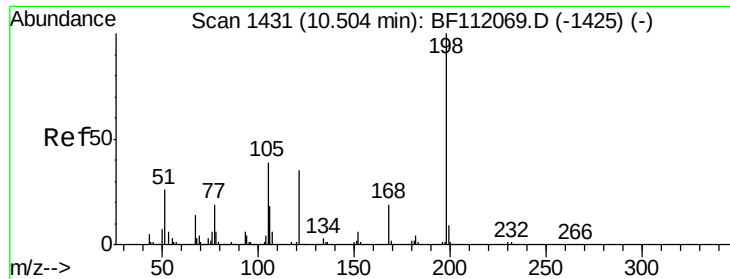
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->

11.30 11.35 11.40

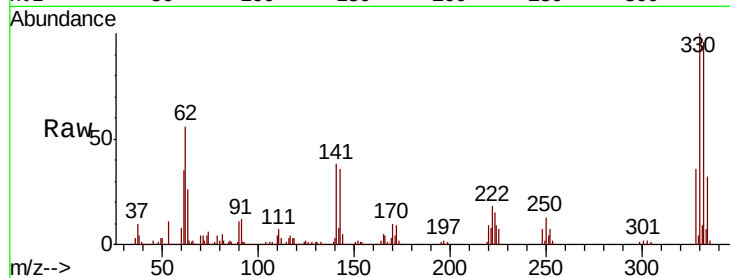




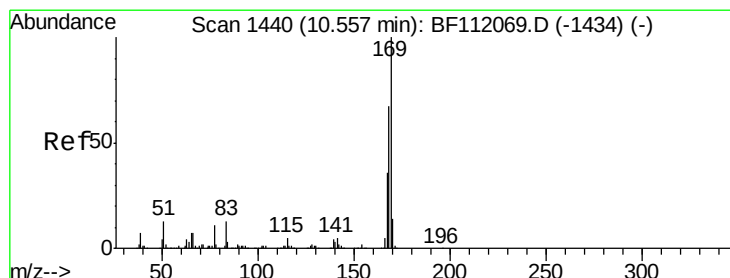
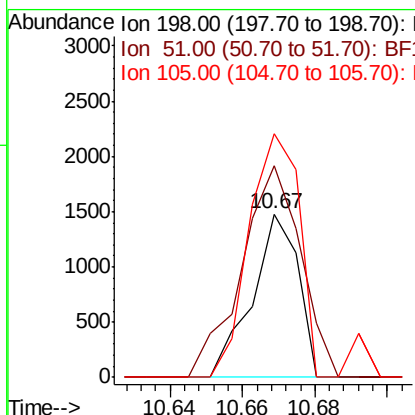
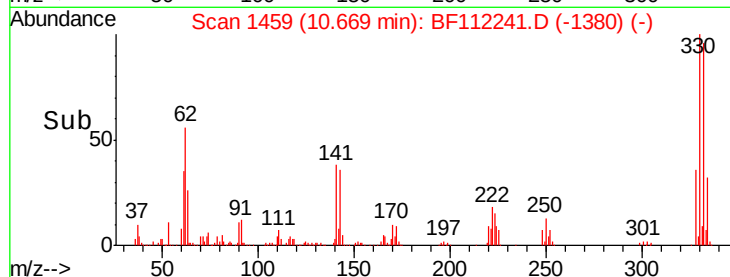
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 0.366 ng  
 RT: 10.67 min Scan# 1459  
 Delta R.T. 0.16 min  
 Lab File: BF112241.D  
 Acq: 25 Jan 2019 19:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S2

Tgt Ion:198 Resp: 1297  
 Ion Ratio Lower Upper  
 198 100  
 51 129.6 17.2 57.2#  
 105 149.0 21.9 61.9#

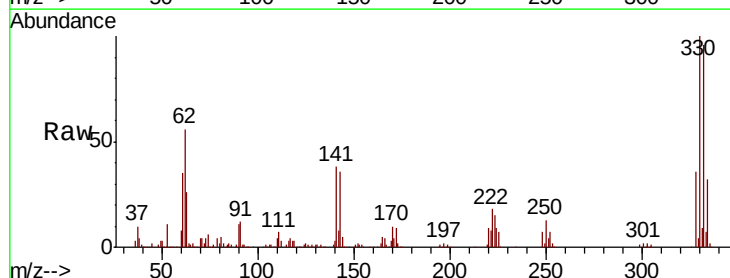


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BF1  
 Ion 105.00 (104.70 to 105.70): E

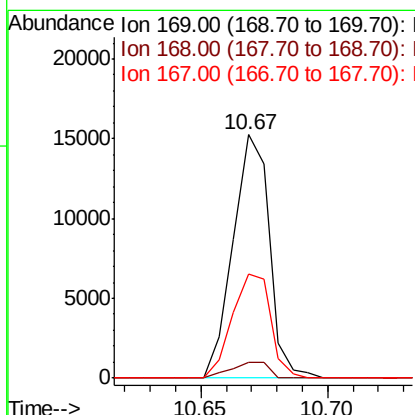
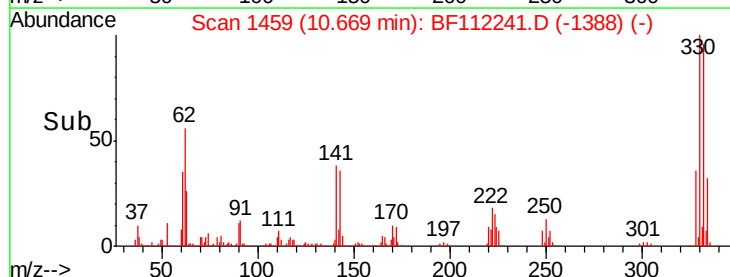


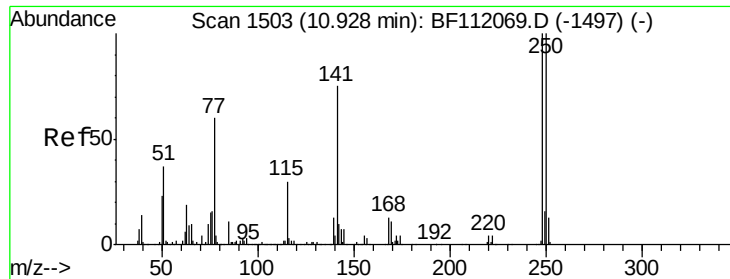
#66  
 n-Nitrosodiphenylamine  
 Concen: 0.714 ng  
 RT: 10.67 min Scan# 1459  
 Delta R.T. 0.12 min  
 Lab File: BF112241.D  
 Acq: 25 Jan 2019 19:32

Tgt Ion:169 Resp: 15213  
 Ion Ratio Lower Upper  
 169 100  
 168 6.7 53.9 80.9#  
 167 42.5 28.9 43.3



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

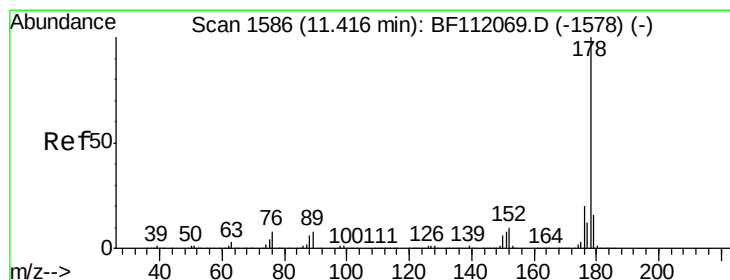
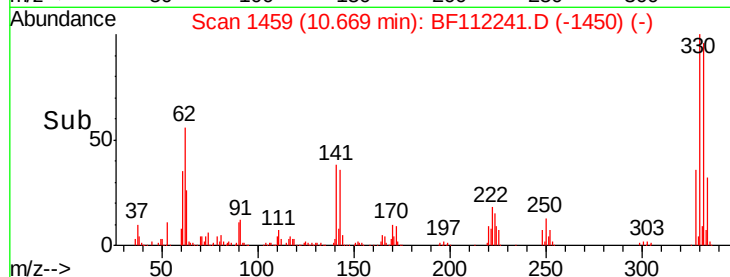
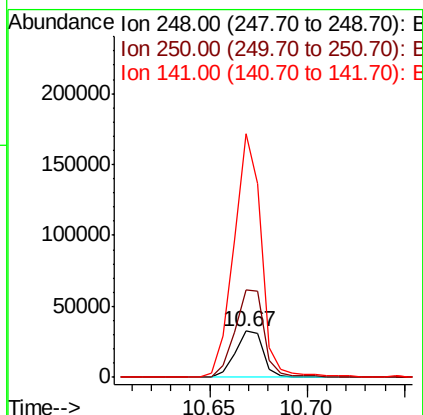
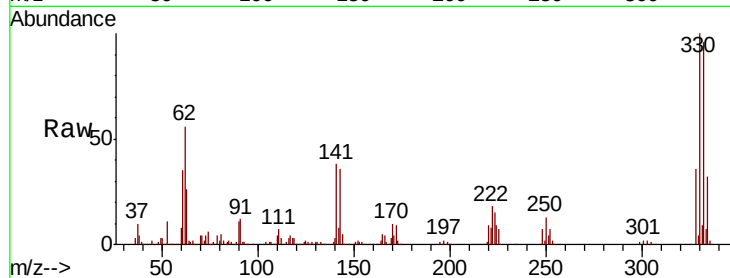




#67  
 4-Bromophenyl-phenylether  
 Concen: 4.417 ng  
 RT: 10.67 min Scan# 1459  
 Delta R.T. -0.25 min  
 Lab File: BF112241.D  
 Acq: 25 Jan 2019 19:32

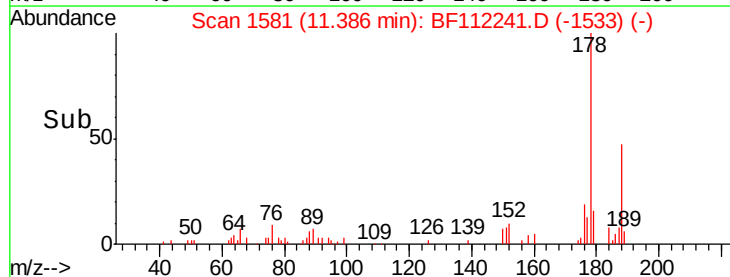
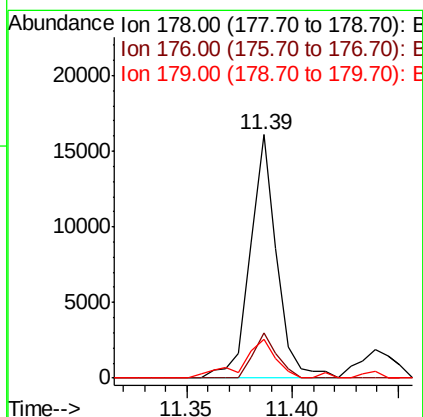
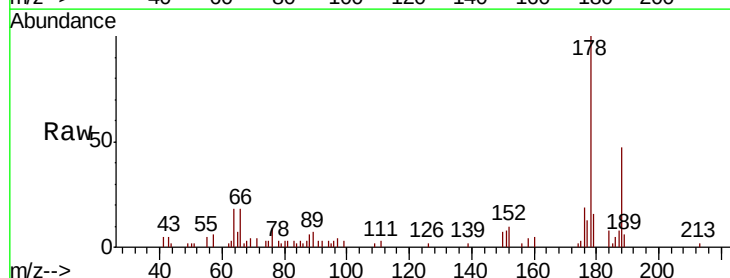
Instrument :  
 BNA\_F  
 ClientSampleId :  
 S2

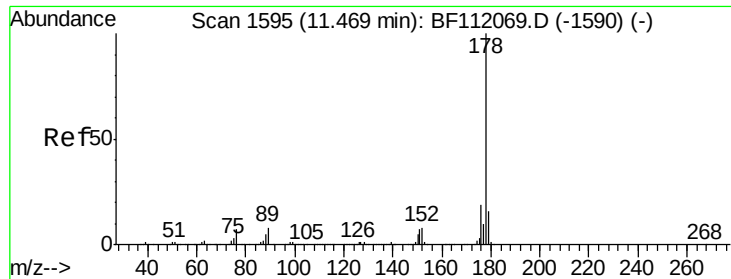
Tgt Ion: 248 Resp: 32818  
 Ion Ratio Lower Upper  
 248 100  
 250 189.7 79.7 119.5#  
 141 530.5 60.3 90.5#



#71  
 Phenanthrene  
 Concen: 0.430 ng  
 RT: 11.39 min Scan# 1581  
 Delta R.T. -0.02 min  
 Lab File: BF112241.D  
 Acq: 25 Jan 2019 19:32

Tgt Ion: 178 Resp: 14135  
 Ion Ratio Lower Upper  
 178 100  
 176 18.7 16.3 24.5  
 179 15.9 13.0 19.4





#72

Anthracene

Concen: 0.432 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.07 min

Lab File: BF112241.D

Acq: 25 Jan 2019 19:32

Instrument :

BNA\_F

ClientSampleId :

S2

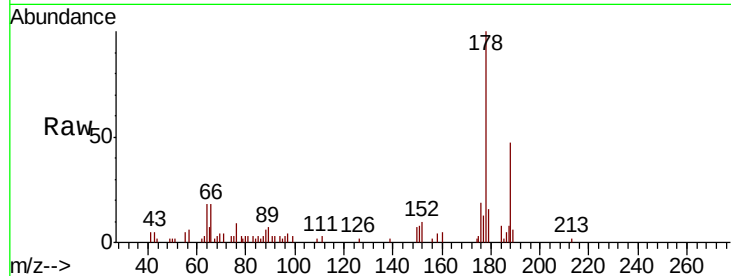
Tgt Ion:178 Resp: 14135

Ion Ratio Lower Upper

178 100

176 18.7 15.5 23.3

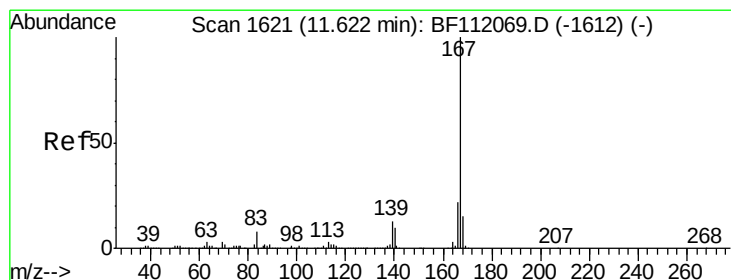
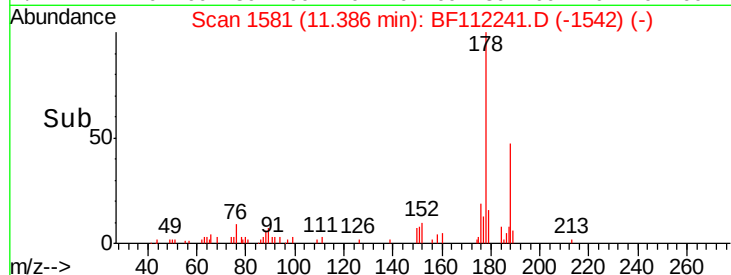
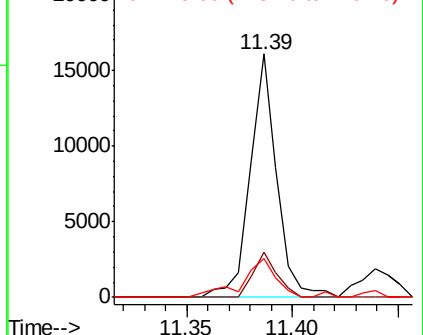
179 15.9 12.8 19.2



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



#73

Carbazole

Concen: 0.067 ng

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BF112241.D

Acq: 25 Jan 2019 19:32

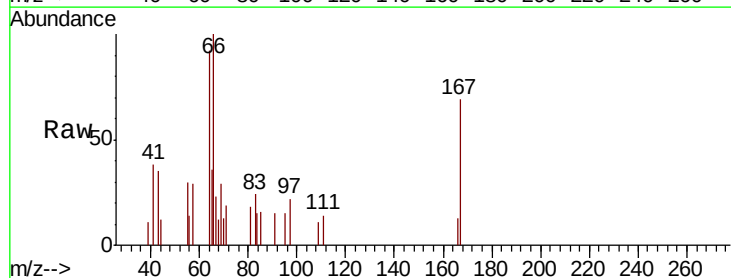
Tgt Ion:167 Resp: 2173

Ion Ratio Lower Upper

167 100

166 19.0 17.9 26.9

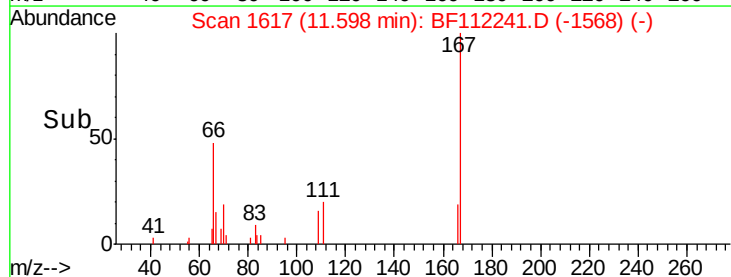
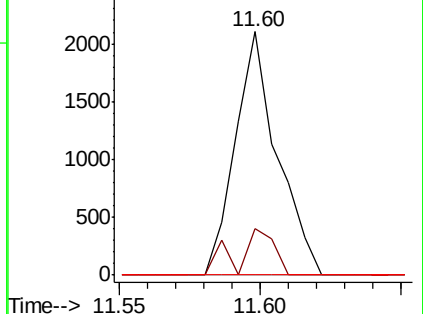
139 0.0 10.2 15.2#

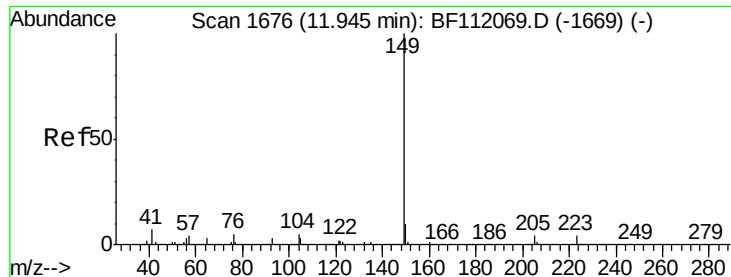


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 0.081 ng

RT: 11.92 min Scan# 1671

Delta R.T. -0.01 min

Lab File: BF112241.D

Acq: 25 Jan 2019 19:32

Instrument :

BNA\_F

ClientSampleId :

S2

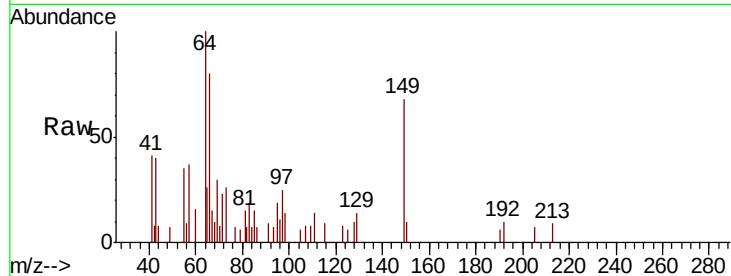
Tgt Ion:149 Resp: 3231

Ion Ratio Lower Upper

149 100

150 15.4 8.1 12.1#

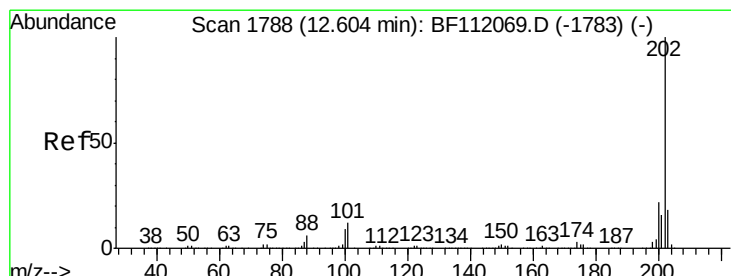
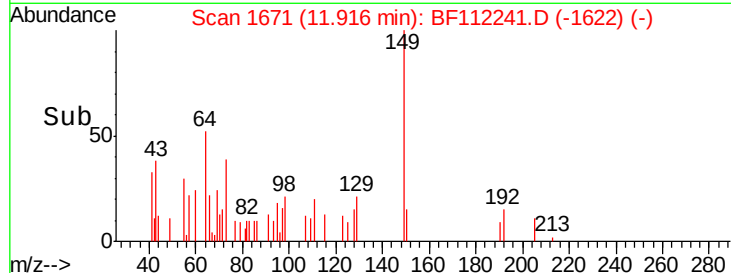
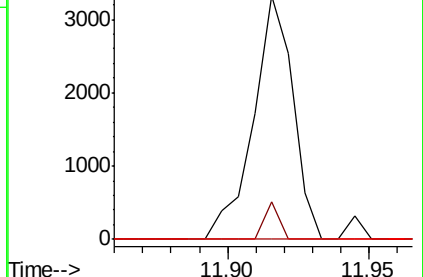
104 0.0 3.9 5.9#



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



#75

Fluoranthene

Concen: 0.672 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.02 min

Lab File: BF112241.D

Acq: 25 Jan 2019 19:32

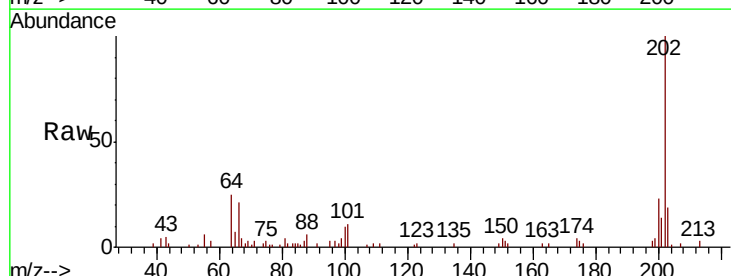
Tgt Ion:202 Resp: 23663

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.8

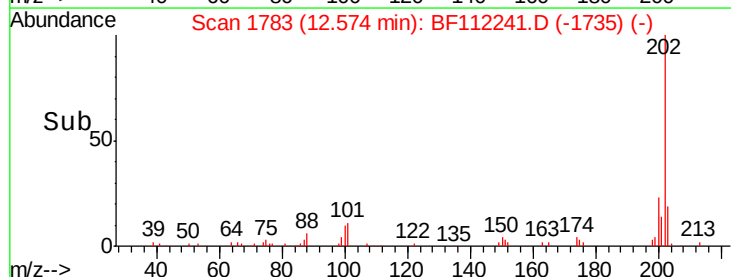
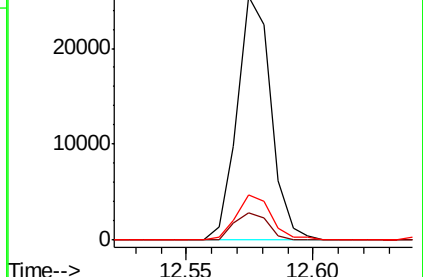
203 18.5 0.0 38.4

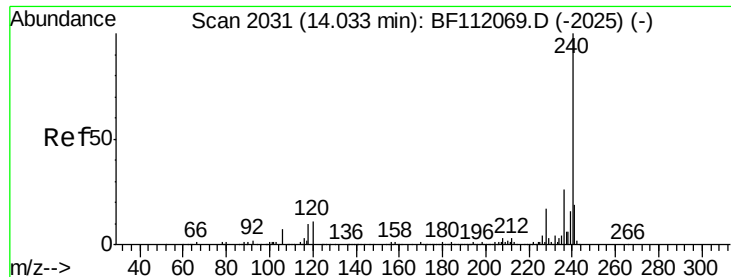


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

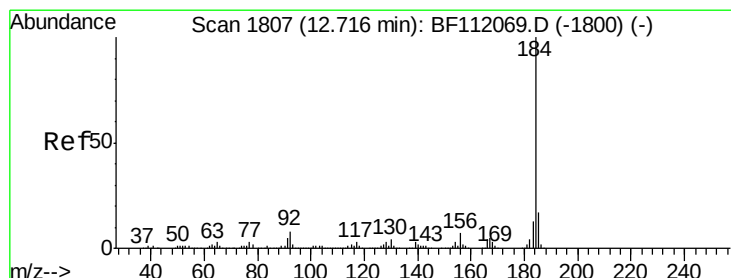
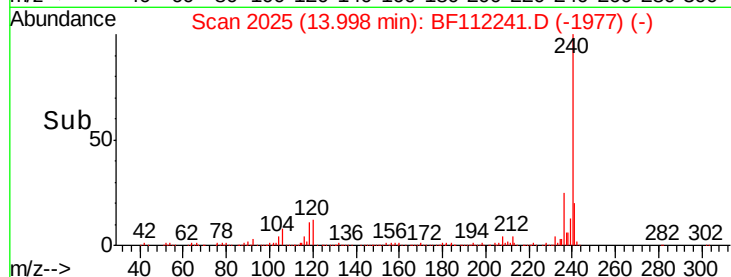
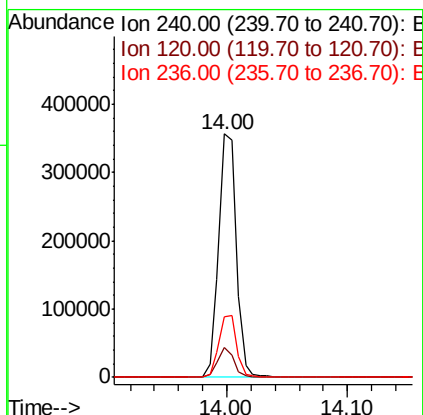
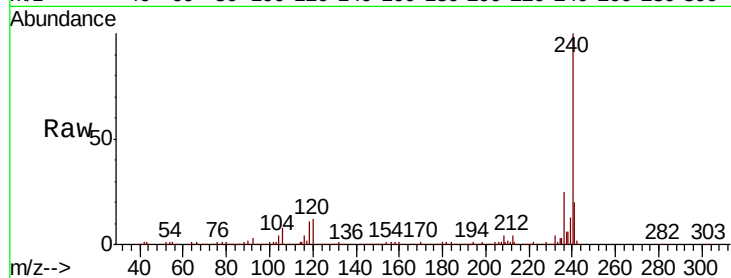




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.00 min Scan# 2025  
Delta R.T. -0.02 min  
Lab File: BF112241.D  
Acq: 25 Jan 2019 19:32

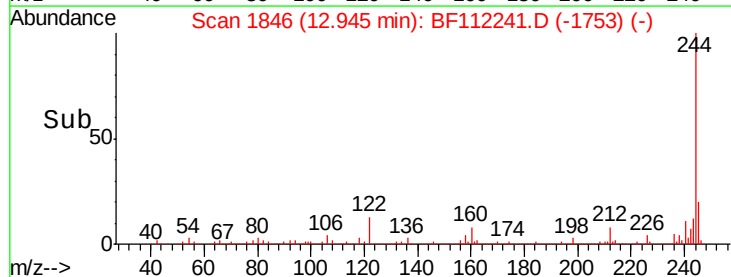
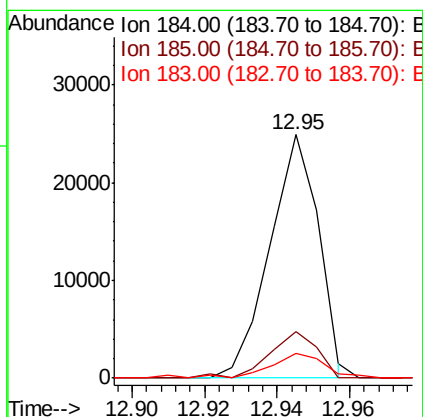
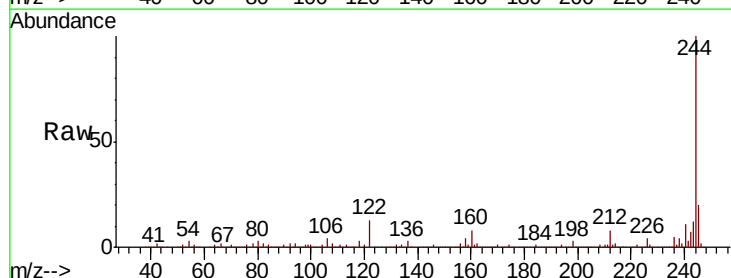
Instrument :  
BNA\_F  
ClientSampleId :  
S2

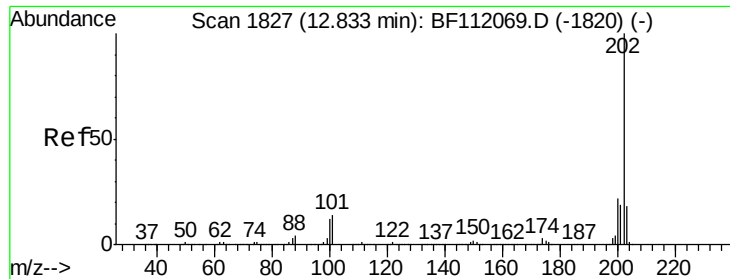
Tgt Ion:240 Resp: 359482  
Ion Ratio Lower Upper  
240 100  
120 12.2 9.0 13.6  
236 24.7 20.7 31.1



#77  
Benzidine  
Concen: 2.354 ng  
RT: 12.95 min Scan# 1846  
Delta R.T. 0.25 min  
Lab File: BF112241.D  
Acq: 25 Jan 2019 19:32

Tgt Ion:184 Resp: 23293  
Ion Ratio Lower Upper  
184 100  
185 18.9 13.9 20.9  
183 10.1 10.0 15.0

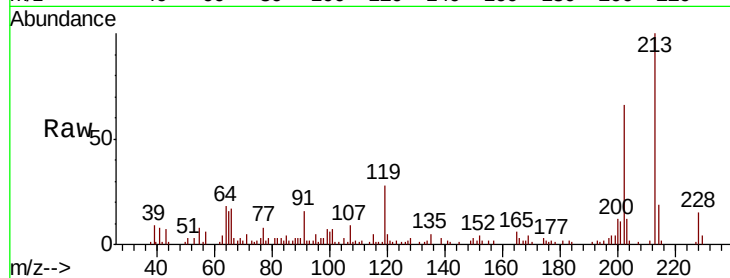




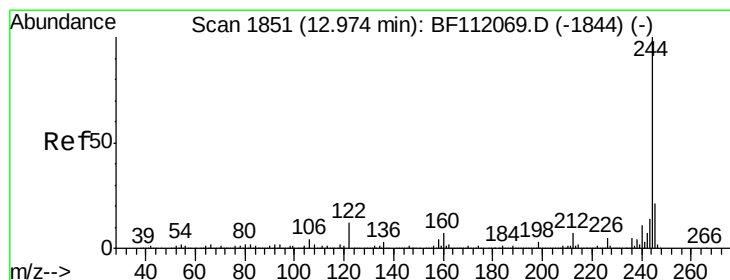
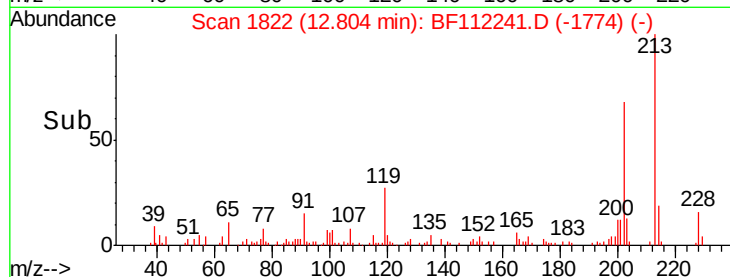
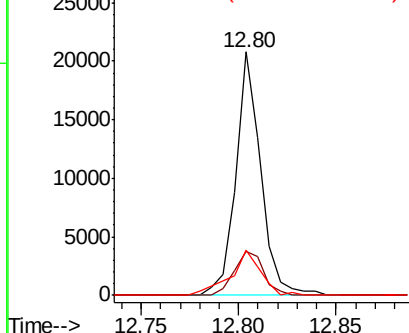
#78  
 Pyrene  
 Concen: 0.738 ng  
 RT: 12.80 min Scan# 1822  
 Delta R.T. -0.02 min  
 Lab File: BF112241.D  
 Acq: 25 Jan 2019 19:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S2

Tgt Ion: 202 Resp: 18364  
 Ion Ratio Lower Upper  
 202 100  
 200 18.1 17.7 26.5  
 203 18.5 14.6 22.0

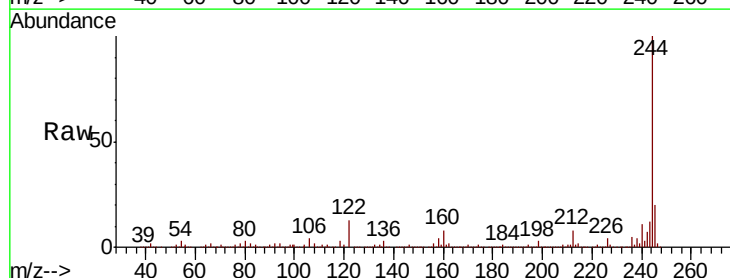


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 200.00 (199.70 to 200.70): E  
 Ion 203.00 (202.70 to 203.70): E

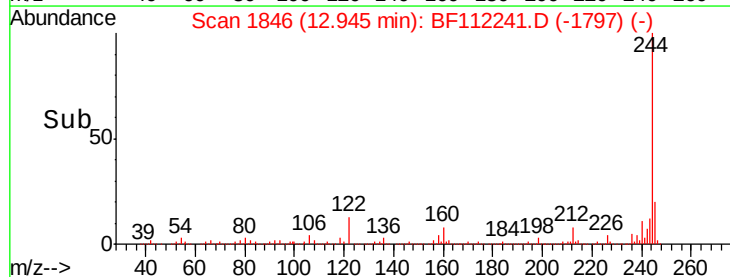
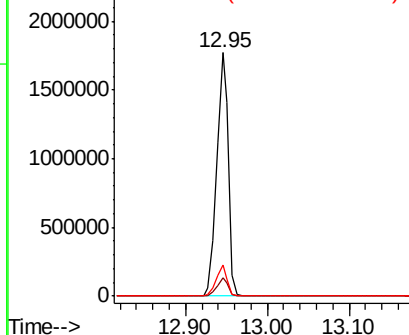


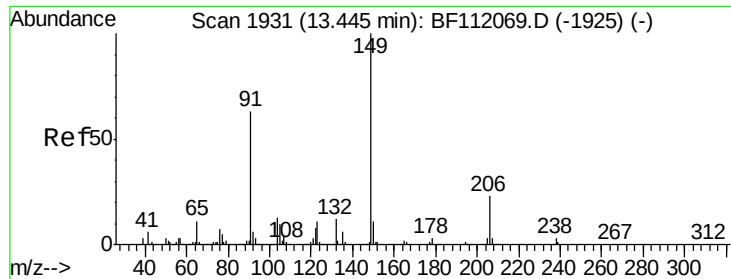
#79  
 Terphenyl-d14  
 Concen: 92.026 ng  
 RT: 12.95 min Scan# 1846  
 Delta R.T. -0.01 min  
 Lab File: BF112241.D  
 Acq: 25 Jan 2019 19:32

Tgt Ion: 244 Resp: 1756439  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 5.9 8.9  
 122 12.6 9.8 14.6



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

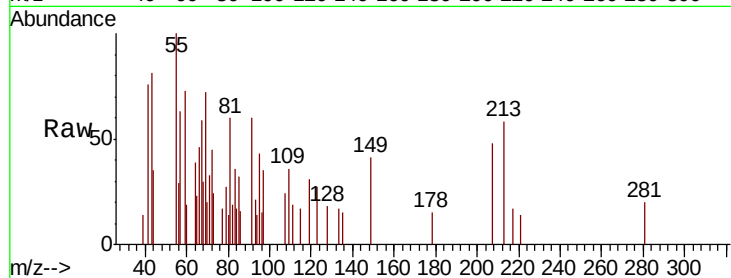




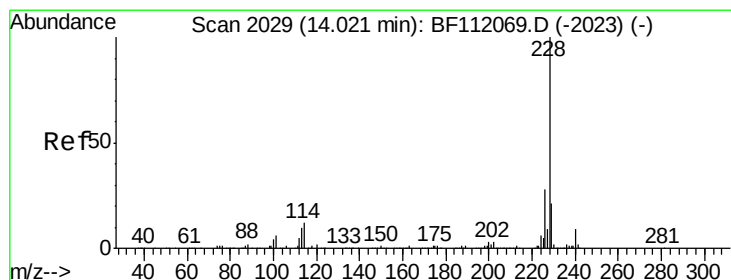
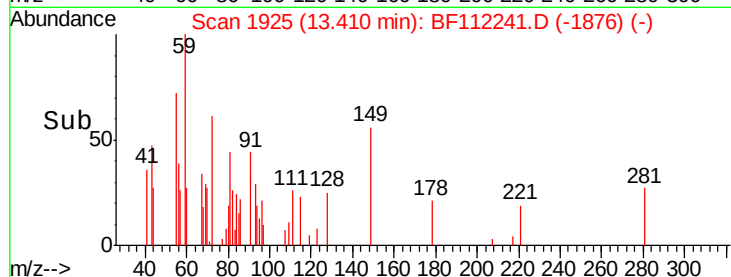
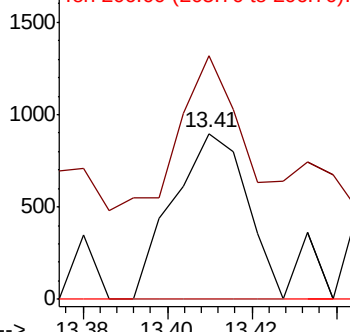
#80  
Butylbenzylphthalate  
Concen: 0.091 ng  
RT: 13.41 min Scan# 1925  
Delta R.T. -0.01 min  
Lab File: BF112241.D  
Acq: 25 Jan 2019 19:32

Instrument :  
BNA\_F  
ClientSampled :  
S2

Tgt Ion:149 Resp: 1096  
Ion Ratio Lower Upper  
149 100  
91 146.9 50.3 75.5#  
206 0.0 18.2 27.4#

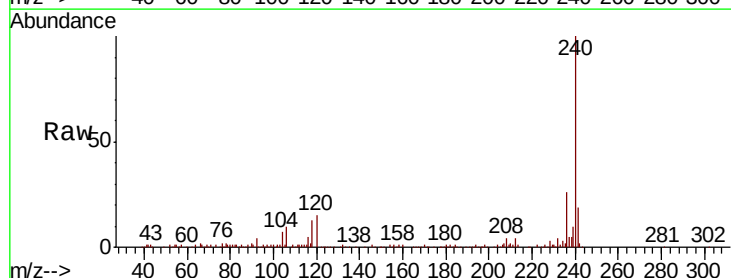


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BF1  
Ion 206.00 (205.70 to 206.70): E

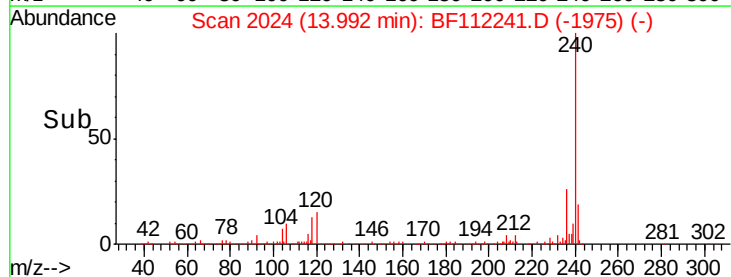
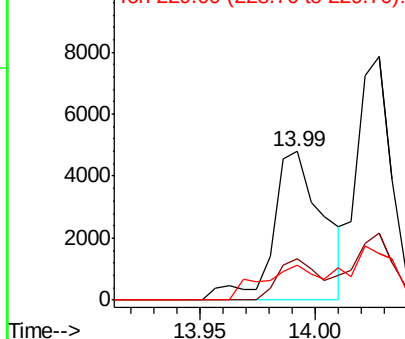


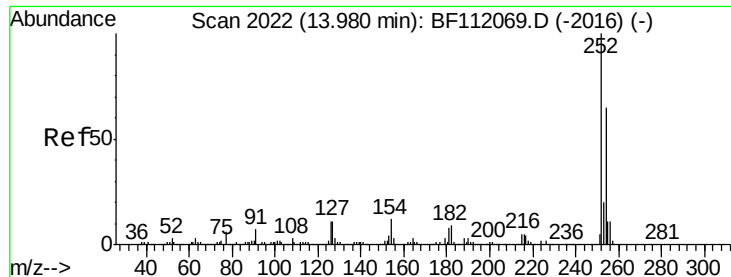
#81  
Benzo(a)anthracene  
Concen: 0.342 ng  
RT: 13.99 min Scan# 2024  
Delta R.T. -0.01 min  
Lab File: BF112241.D  
Acq: 25 Jan 2019 19:32

Tgt Ion:228 Resp: 7231  
Ion Ratio Lower Upper  
228 100  
226 27.5 22.6 34.0  
229 23.9 16.5 24.7



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

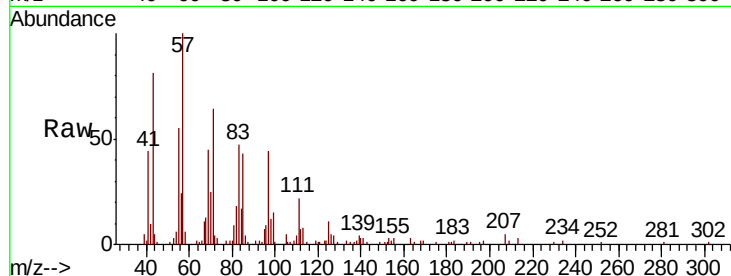




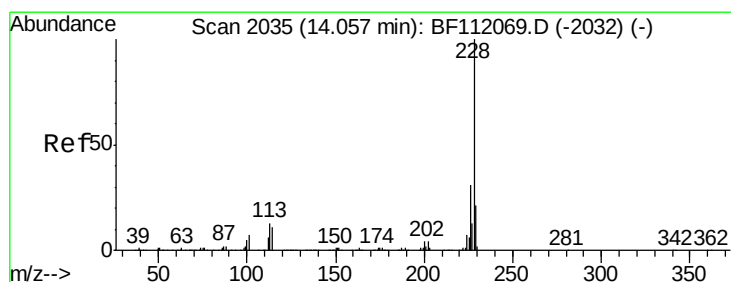
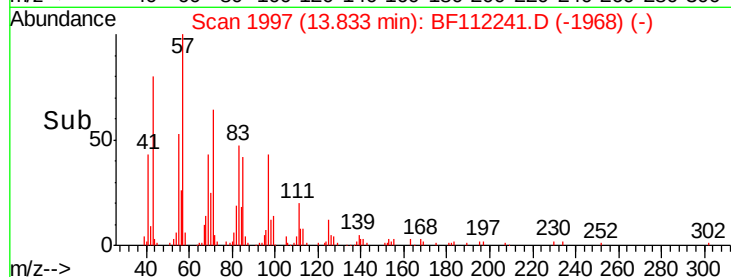
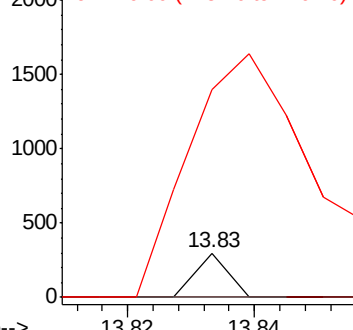
#82  
 3,3'-Dichlorobenzidine  
 Concen: 0.013 ng  
 RT: 13.83 min Scan# 1997  
 Delta R.T. -0.13 min  
 Lab File: BF112241.D  
 Acq: 25 Jan 2019 19:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S2

Tgt Ion: 252 Resp: 106  
 Ion Ratio Lower Upper  
 252 100  
 254 0.0 51.6 77.4#  
 126 466.7 8.6 12.8#

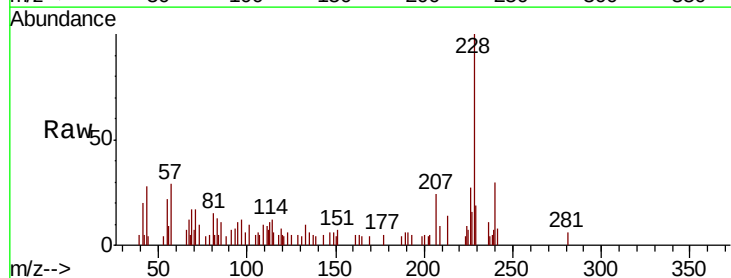


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

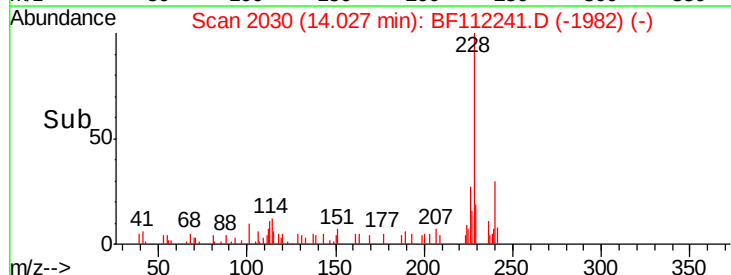
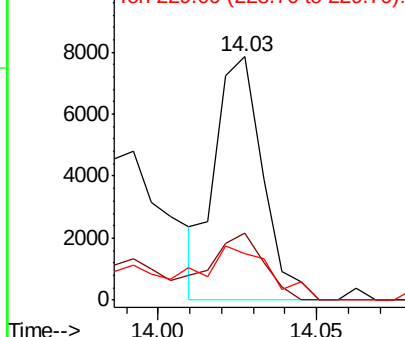


#83  
 Chrysene  
 Concen: 0.402 ng  
 RT: 14.03 min Scan# 2030  
 Delta R.T. -0.02 min  
 Lab File: BF112241.D  
 Acq: 25 Jan 2019 19:32

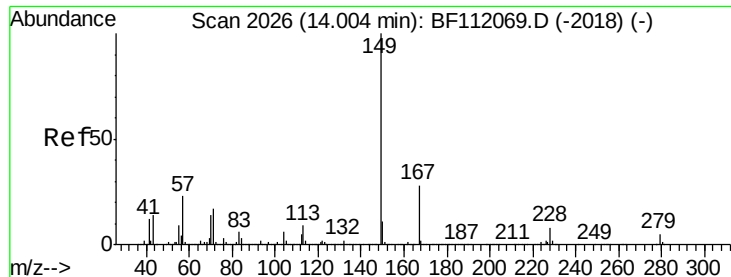
Tgt Ion: 228 Resp: 8117  
 Ion Ratio Lower Upper  
 228 100  
 226 27.4 25.0 37.6  
 229 19.3 16.6 24.8



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



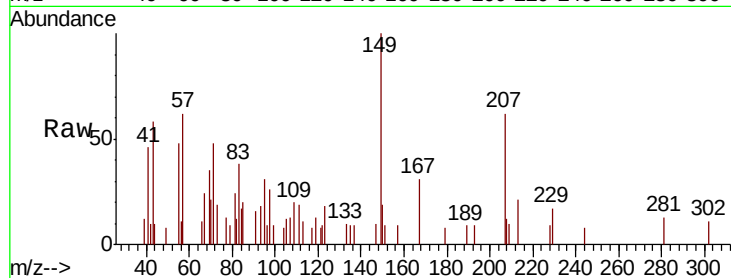




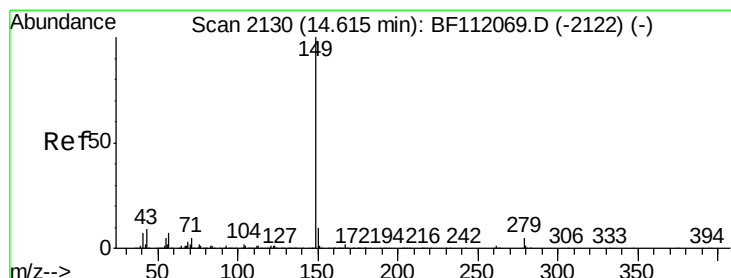
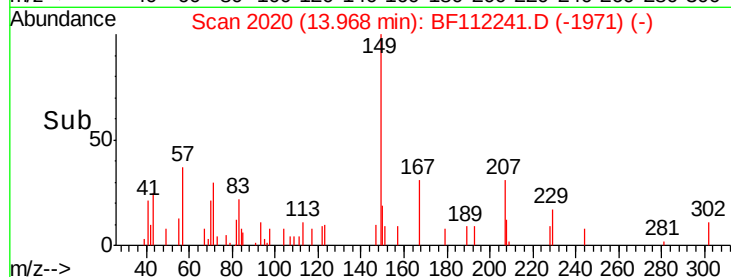
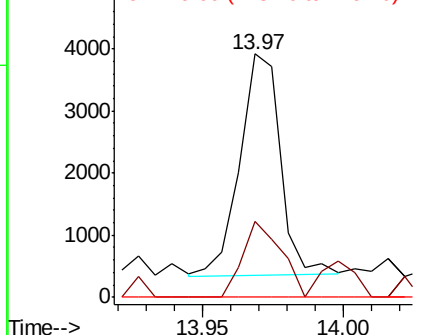
#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.208 ng  
 RT: 13.97 min Scan# 2020  
 Delta R.T. -0.01 min  
 Lab File: BF112241.D  
 Acq: 25 Jan 2019 19:32

Instrument :  
 BNA\_F  
 ClientSampled :  
 S2

Tgt Ion:149 Resp: 3555  
 Ion Ratio Lower Upper  
 149 100  
 167 31.4 22.5 33.7  
 279 0.0 3.8 5.6#

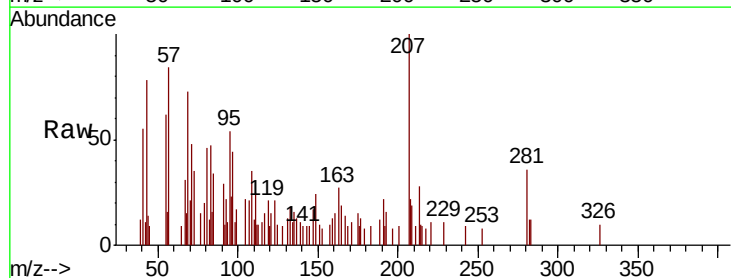


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

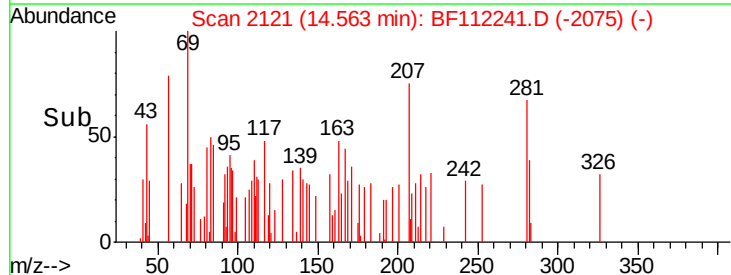
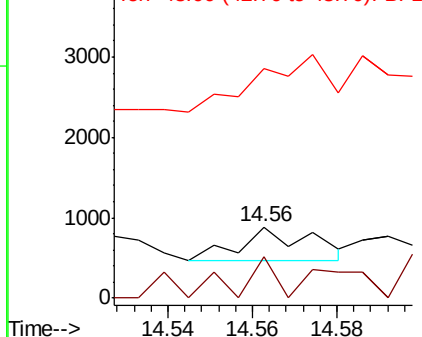


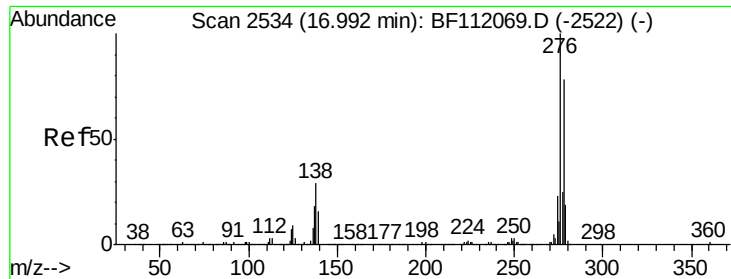
#85  
 Di-n-octyl phthalate  
 Concen: 0.019 ng  
 RT: 14.56 min Scan# 2121  
 Delta R.T. -0.03 min  
 Lab File: BF112241.D  
 Acq: 25 Jan 2019 19:32

Tgt Ion:149 Resp: 494  
 Ion Ratio Lower Upper  
 149 100  
 167 59.5 1.3 1.9#  
 43 0.0 7.8 11.6#



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

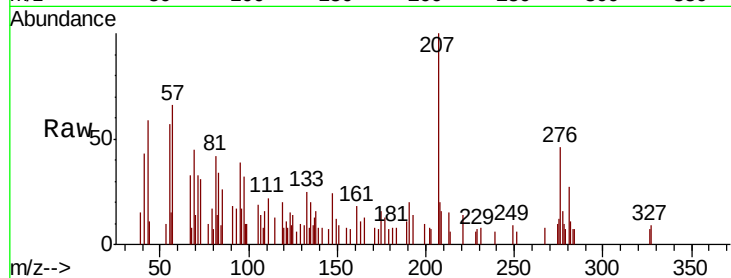




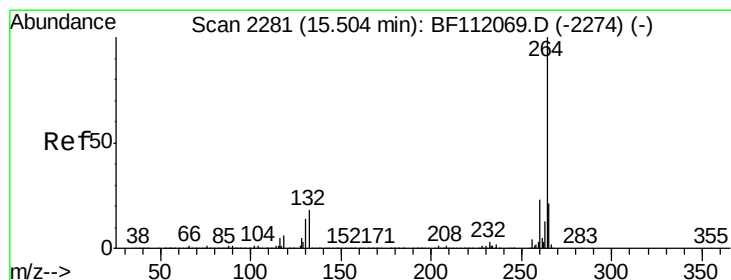
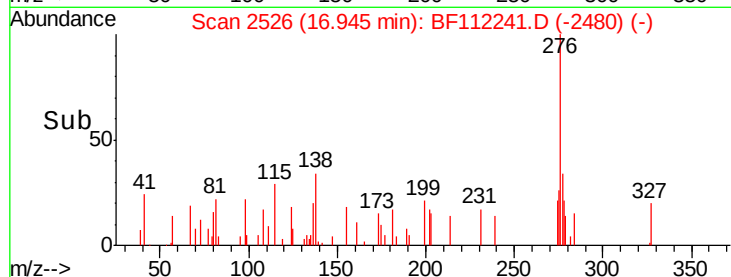
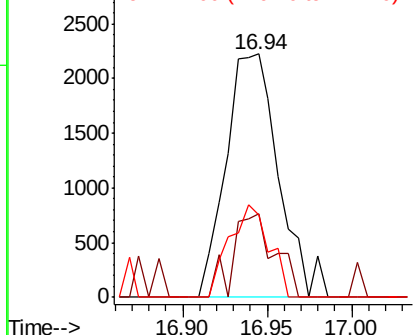
#86  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.301 ng  
 RT: 16.94 min Scan# 2526  
 Delta R.T. -0.03 min  
 Lab File: BF112241.D  
 Acq: 25 Jan 2019 19:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S2

Tgt Ion: 276 Resp: 4817  
 Ion Ratio Lower Upper  
 276 100  
 138 27.3 22.6 34.0  
 277 29.0 20.3 30.5

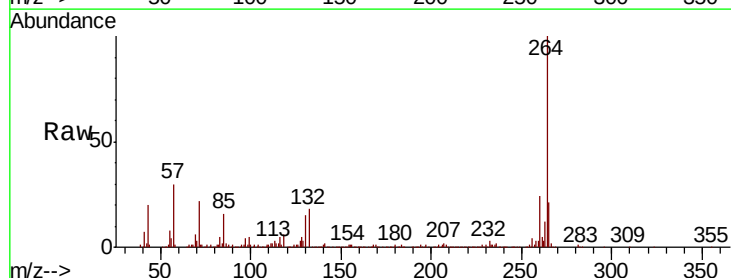


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

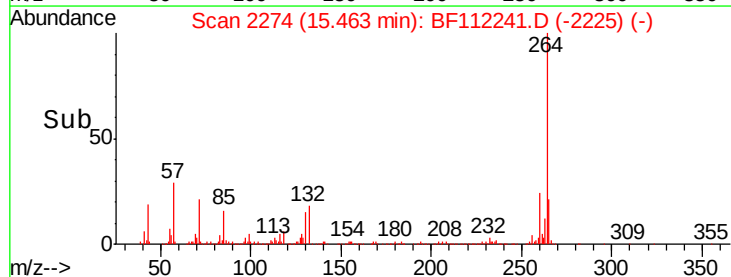
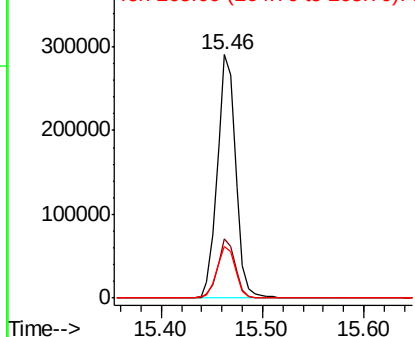


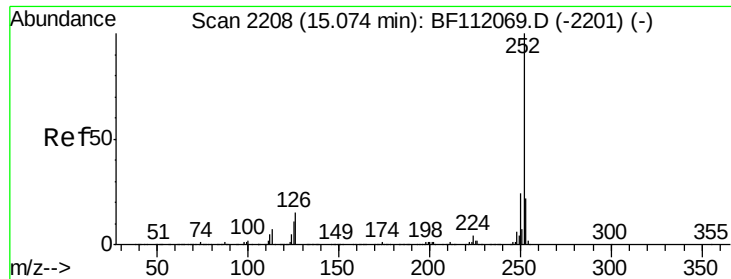
#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.46 min Scan# 2274  
 Delta R.T. -0.01 min  
 Lab File: BF112241.D  
 Acq: 25 Jan 2019 19:32

Tgt Ion: 264 Resp: 365816  
 Ion Ratio Lower Upper  
 264 100  
 260 24.1 18.2 27.2  
 265 21.2 17.0 25.4



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

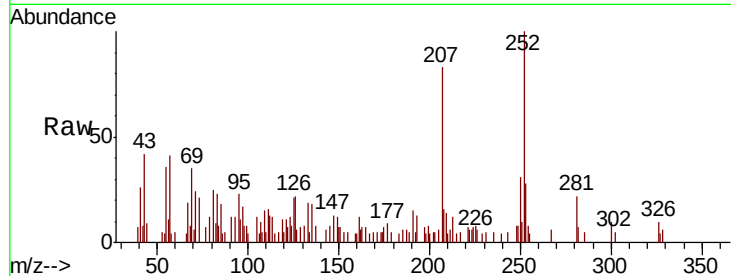




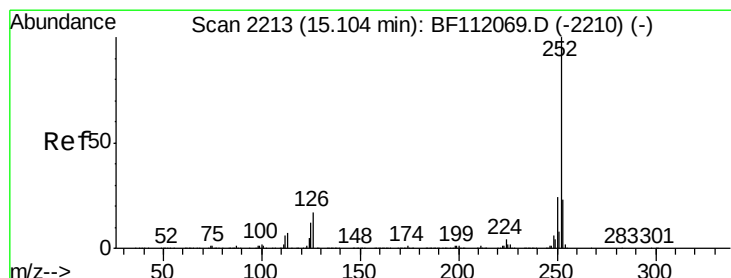
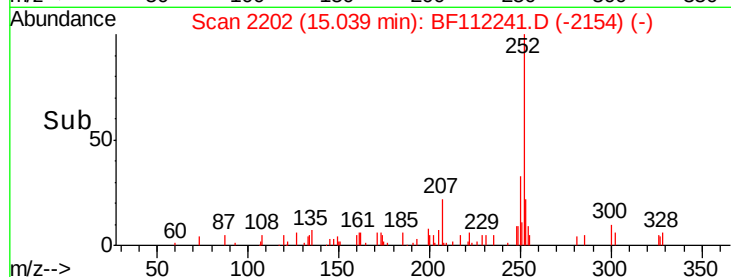
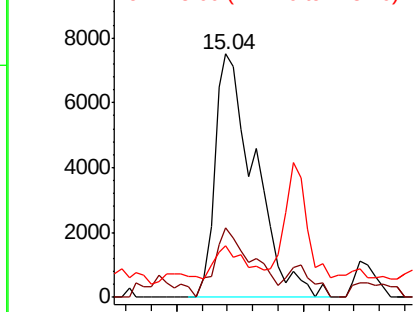
#88  
Benzo(b)fluoranthene  
Concen: 0.750 ng  
RT: 15.04 min Scan# 2202  
Delta R.T. -0.02 min  
Lab File: BF112241.D  
Acq: 25 Jan 2019 19:32

Instrument :  
BNA\_F  
ClientSampleId :  
S2

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 28.4  | 18.0  | 27.0# |
| 125     | 21.1  | 8.7   | 13.1# |

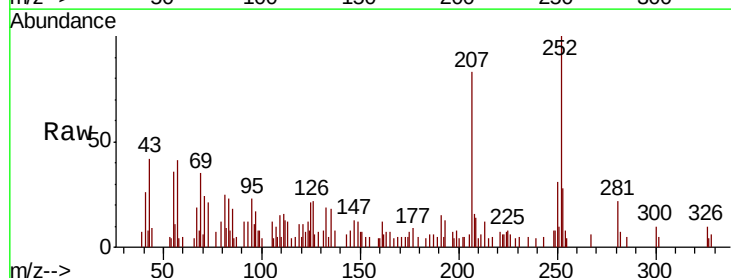


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

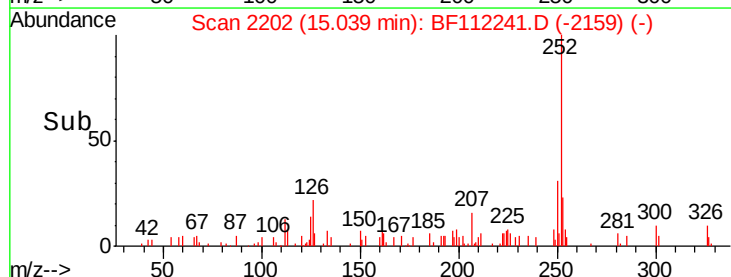
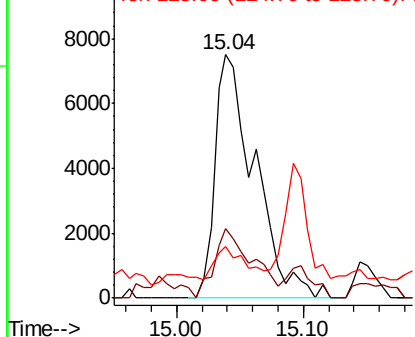


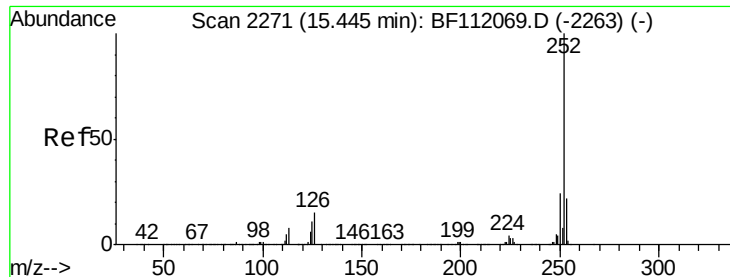
#89  
Benzo(k)fluoranthene  
Concen: 0.783 ng  
RT: 15.04 min Scan# 2202  
Delta R.T. -0.05 min  
Lab File: BF112241.D  
Acq: 25 Jan 2019 19:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 28.4  | 18.0  | 27.0# |
| 125     | 21.1  | 9.1   | 13.7# |



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

Benzo(a)pyrene

Concen: 0.338 ng

RT: 15.40 min Scan# 2264

Delta R.T. -0.02 min

Lab File: BF112241.D

Acq: 25 Jan 2019 19:32

Instrument :

BNA\_F

ClientSampleId :

S2

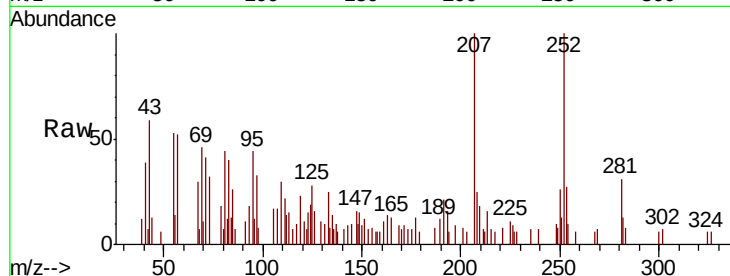
Tgt Ion:252 Resp: 6648

Ion Ratio Lower Upper

252 100

253 27.0 17.5 26.3#

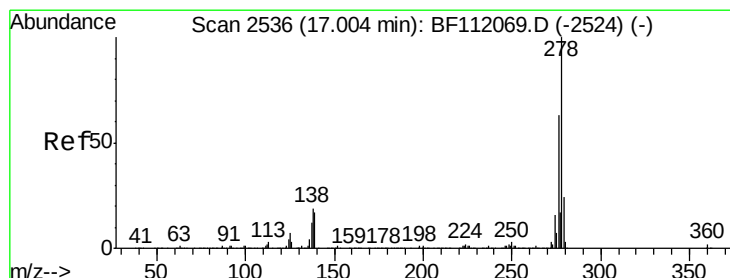
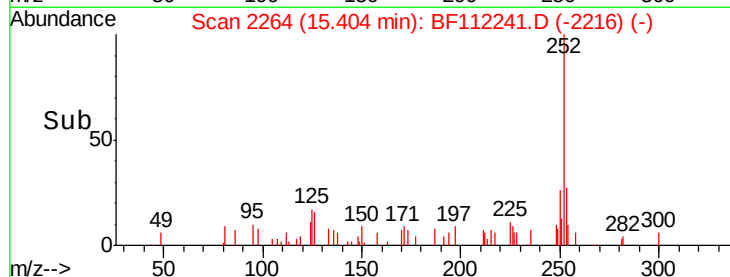
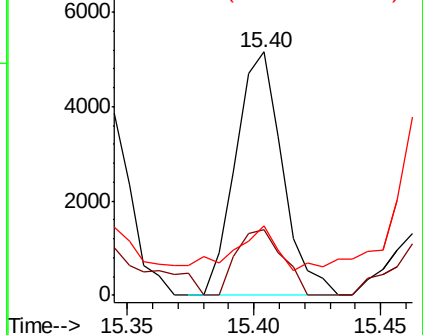
125 28.5 9.0 13.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 0.007 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.02 min

Lab File: BF112241.D

Acq: 25 Jan 2019 19:32

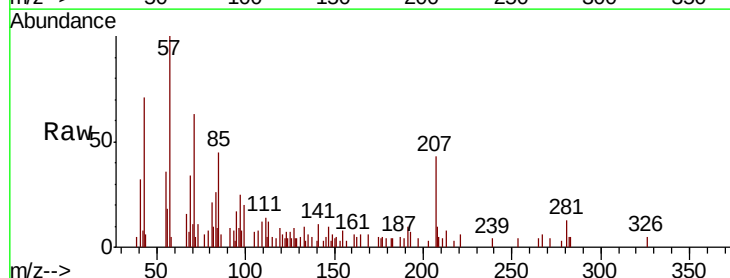
Tgt Ion:278 Resp: 107

Ion Ratio Lower Upper

278 100

139 0.0 13.7 20.5#

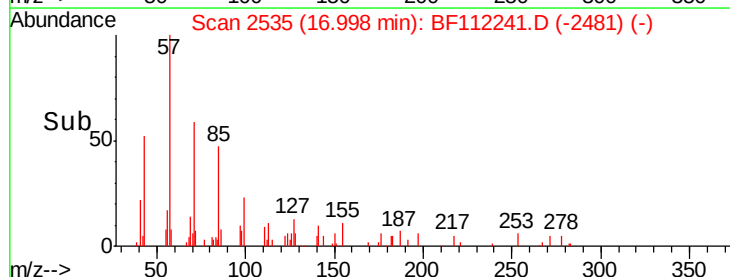
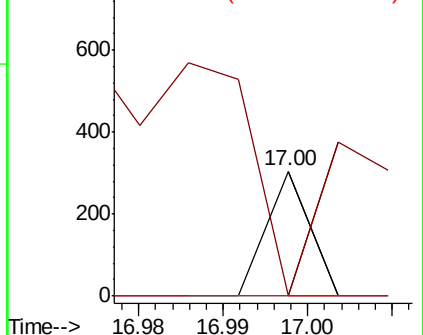
279 0.0 19.0 28.6#

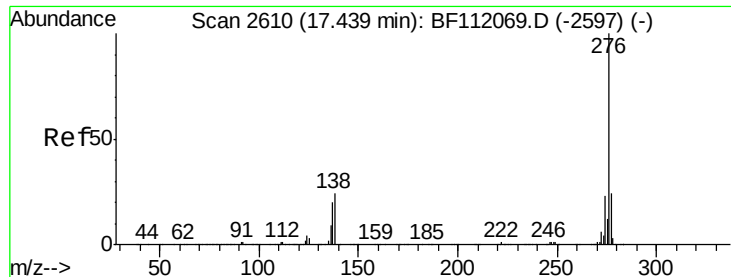


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92  
 Benzo(g,h,i)perylene  
 Concen: 0.265 ng  
 RT: 17.38 min Scan# 2600  
 Delta R.T. -0.04 min  
 Lab File: BF112241.D  
 Acq: 25 Jan 2019 19:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S2

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 22.2  | 19.4  | 29.0  |
| 138     | 30.3  | 19.1  | 28.7  |

