

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF122718\  
 Data File : BF111763.D  
 Acq On : 27 Dec 2018 15:37  
 Operator : JU/SJ  
 Sample : J6426-07  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P001-SS013-2430-01

Quant Time: Dec 28 00:13:53 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF121918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 19 17:39:39 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.92  | 152  | 125982   | 20.00 | ng    | 0.02     |
| 21) Naphthalene-d8        | 8.20  | 136  | 320932   | 20.00 | ng    | 0.02     |
| 39) Acenaphthene-d10      | 9.96  | 164  | 175342   | 20.00 | ng    | 0.03     |
| 64) Phenanthrene-d10      | 11.46 | 188  | 269227   | 20.00 | ng    | 0.04     |
| 76) Chrysene-d12          | 14.11 | 240  | 201995   | 20.00 | ng    | 0.06     |
| 87) Perylene-d12          | 15.62 | 264  | 169394   | 20.00 | ng    | 0.11     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.59  | 112  | 186546   | 25.24 | ng    | 0.08     |
| 7) Phenol-d6                | 6.56  | 99   | 173765   | 18.47 | ng    | 0.04     |
| 23) Nitrobenzene-d5         | 7.47  | 82   | 514177   | 93.26 | ng    | 0.01     |
| 42) 2,4,6-Tribromophenol    | 10.76 | 330  | 165530   | 79.90 | ng    | 0.04     |
| 45) 2-Fluorobiphenyl        | 9.27  | 172  | 730870   | 60.76 | ng    | 0.02     |
| 79) Terphenyl-d14           | 13.05 | 244  | 620017   | 58.21 | ng    | 0.05     |

| Target Compounds               | R.T.  | QIon | Response | Conc    | Units | Qvalue |
|--------------------------------|-------|------|----------|---------|-------|--------|
| 9) Benzaldehyde                | 6.48  | 77   | 109621   | 16.945  | ng    | # 1    |
| 10) Phenol                     | 6.57  | 94   | 21879    | 2.062   | ng    | 92     |
| 12) 1,3-Dichlorobenzene        | 6.94  | 146  | 48452    | 5.107   | ng    | 97     |
| 13) 1,4-Dichlorobenzene        | 6.94  | 146  | 48452    | 5.035   | ng    | # 89   |
| 14) 1,2-Dichlorobenzene        | 6.94  | 146  | 48452    | 5.397   | ng    | 92     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.10  | 45   | 71477    | 4.880   | ng    | 89     |
| 17) 2-Methylphenol             | 7.33  | 107  | 75860    | 11.571  | ng    | 84     |
| 18) Hexachloroethane           | 7.45  | 117  | 156700   | 48.324  | ng    | # 1    |
| 19) n-Nitroso-di-n-propylamine | 7.35  | 70   | 56623    | 9.064   | ng    | # 63   |
| 20) 3+4-Methylphenols          | 7.33  | 107  | 75860    | 9.158   | ng    | # 65   |
| 22) Acetophenone               | 7.31  | 105  | 498456   | 61.307  | ng    | # 47   |
| 24) Nitrobenzene               | 7.49  | 77   | 25368    | 4.390   | ng    | # 42   |
| 25) Isophorone                 | 7.73  | 82   | 121240   | 12.386  | ng    | # 1    |
| 26) 2-Nitrophenol              | 7.83  | 139  | 11032    | 4.707   | ng    | # 1    |
| 27) 2,4-Dimethylphenol         | 7.60  | 122  | 15746    | 3.408   | ng    | 90     |
| 28) bis(2-Chloroethoxy)methane | 7.95  | 93   | 17460    | 2.681   | ng    | # 1    |
| 29) 2,4-Dichlorophenol         | 8.06  | 162  | 15011    | 3.021   | ng    | # 1    |
| 30) 1,2,4-Trichlorobenzene     | 8.15  | 180  | 685201   | 123.739 | ng    | 98     |
| 31) Naphthalene                | 8.23  | 128  | 1971836  | 127.873 | ng    | 98     |
| 32) Benzoic acid               | 7.99  | 122  | 38060    | 12.460  | ng    | # 71   |
| 33) 4-Chloroaniline            | 8.23  | 127  | 281009   | 42.162  | ng    | # 41   |
| 35) Caprolactam                | 8.63  | 113  | 186658   | 110.853 | ng    | # 54   |
| 36) 4-Chloro-3-methylphenol    | 8.77  | 107  | 64097    | 13.122  | ng    | # 27   |
| 37) 2-Methylnaphthalene        | 8.93  | 142  | 1763759  | 175.804 | ng    | 96     |
| 38) 1-Methylnaphthalene        | 8.93  | 142  | 1763759  | 183.050 | ng    | 97     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.09  | 216  | 141616   | 24.579  | ng    | # 93   |
| 46) 1,1'-Biphenyl              | 9.38  | 154  | 269461   | 18.205  | ng    | 92     |
| 48) 2-Nitroaniline             | 9.48  | 65   | 32258    | 10.574  | ng    | # 40   |
| 49) Acenaphthylene             | 9.83  | 152  | 62229    | 3.634   | ng    | # 1    |
| 50) Dimethylphthalate          | 9.66  | 163  | 60208    | 4.696   | ng    | # 73   |
| 51) 2,6-Dinitrotoluene         | 9.74  | 165  | 15114    | 5.911   | ng    | # 40   |
| 52) Acenaphthene               | 10.00 | 154  | 34268    | 3.245   | ng    | # 18   |
| 53) 3-Nitroaniline             | 9.92  | 138  | 24236    | 8.888   | ng    | # 25   |
| 54) 2,4-Dinitrophenol          | 10.00 | 184  | 1000     | 8.415   | ng    | # 1    |

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 Acq On : 27 Dec 2018 15:37  
 Operator : JU/SJ  
 Sample : J6426-07  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

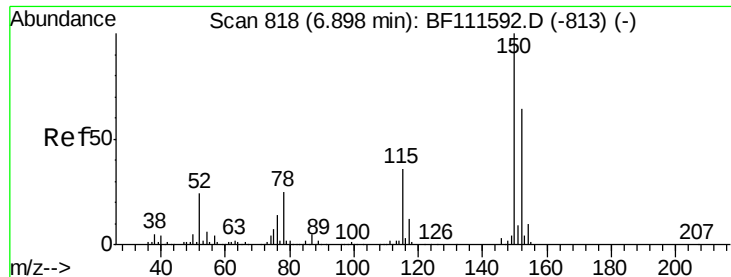
Instrument :  
 BNA\_F  
 ClientSampleId :  
 P001-SS013-2430-01

Quant Time: Dec 28 00:13:53 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF121918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 19 17:39:39 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| -----                          |       |      |          |         |       |          |
| 55) Dibenzofuran               | 10.00 | 168  | 78197    | 4.901   | ng    | 91       |
| 56) 4-Nitrophenol              | 10.07 | 139  | 75625    | 36.342  | ng    | # 19     |
| 57) 2,4-Dinitrotoluene         | 10.17 | 165  | 40460    | 13.167  | ng    | # 56     |
| 58) Fluorene                   | 10.52 | 166  | 131695   | 11.455  | ng    | # 81     |
| 60) Diethylphthalate           | 10.37 | 149  | 25692    | 2.043   | ng    | # 1      |
| 61) 4-Chlorophenyl-phenylether | 10.33 | 204  | 52687    | 8.295   | ng    | 94       |
| 62) 4-Nitroaniline             | 10.43 | 138  | 55459    | 20.926  | ng    | 85       |
| 63) Azobenzene                 | 10.66 | 77   | 34411    | 2.725   | ng    | # 1      |
| 65) 4,6-Dinitro-2-methylphenol | 10.53 | 198  | 3061     | 9.060   | ng    | # 1      |
| 66) n-Nitrosodiphenylamine     | 10.63 | 169  | 469777   | 51.981  | ng    | # 42     |
| 68) Hexachlorobenzene          | 11.08 | 284  | 17878    | 4.802   | ng    | # 7      |
| 69) Atrazine                   | 11.16 | 200  | 355764   | 113.314 | ng    | # 43     |
| 71) Phenanthrene               | 11.49 | 178  | 664466   | 46.537  | ng    | 95       |
| 72) Anthracene                 | 11.49 | 178  | 664466   | 46.364  | ng    | 96       |
| 74) Di-n-butylphthalate        | 12.01 | 149  | 37285    | 2.390   | ng    | # 43     |
| 75) Fluoranthene               | 12.90 | 202  | 95529    | 6.607   | ng    | 78       |
| 78) Pyrene                     | 12.90 | 202  | 97463    | 6.833   | ng    | # 78     |
| 80) Butylbenzylphthalate       | 13.52 | 149  | 13225    | 2.274   | ng    | # 65     |
| 82) 3,3'-Dichlorobenzidine     | 14.08 | 252  | 13043    | 2.864   | ng    | # 1      |
| 84) Bis(2-ethylhexyl)phthalate | 14.07 | 149  | 50029    | 6.831   | ng    | # 81     |
| -----                          |       |      |          |         |       |          |

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



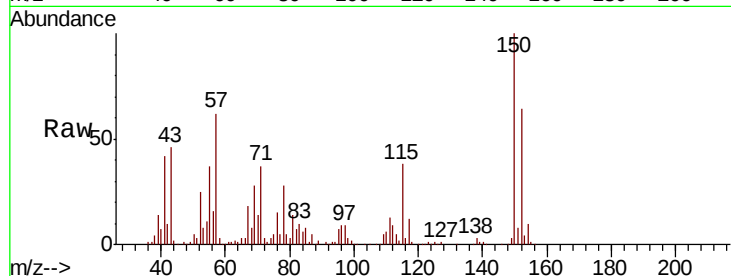


#1

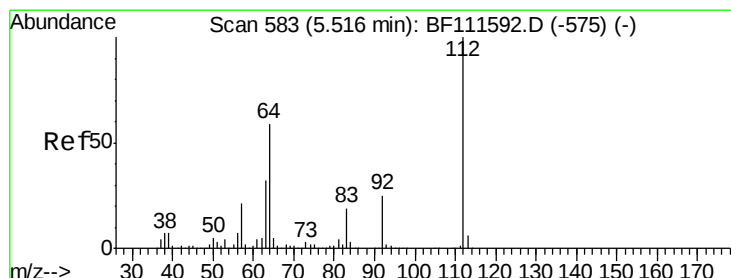
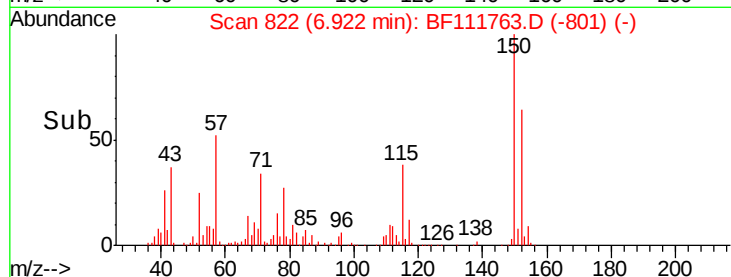
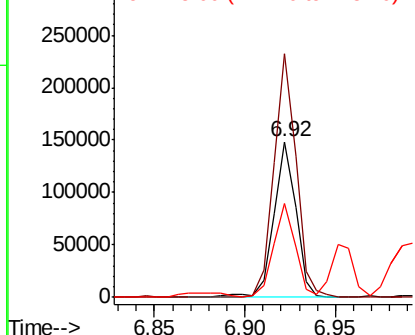
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.92 min Scan# 822  
Delta R.T. 0.02 min  
Lab File: BF111763.D  
Acq: 27 Dec 2018 15:37

Instrument :  
BNA\_F  
ClientSampleId :  
P001-SS013-2430-01

Tgt Ion:152 Resp: 125982  
Ion Ratio Lower Upper  
152 100  
150 156.8 126.6 189.8  
115 60.2 50.7 76.1



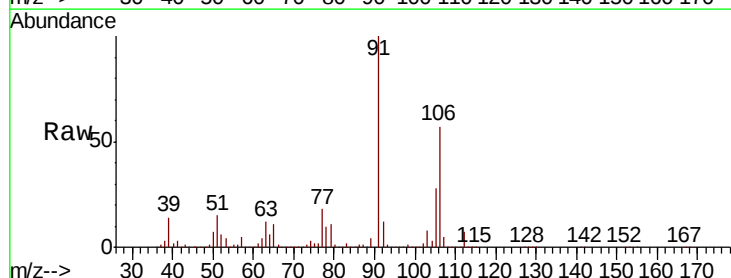
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



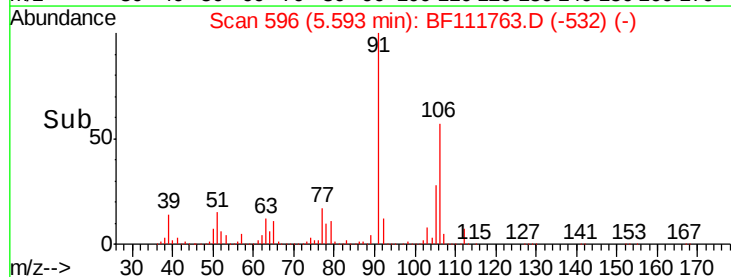
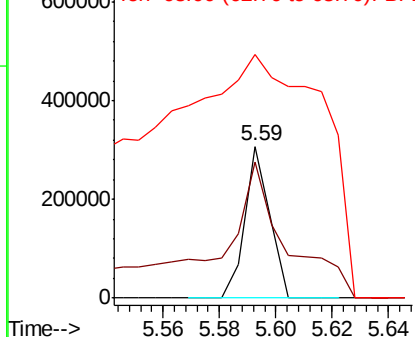
#5

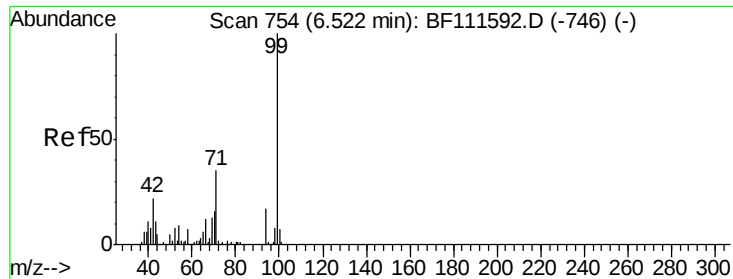
2-Fluorophenol  
Concen: 25.240 ng  
RT: 5.59 min Scan# 596  
Delta R.T. 0.08 min  
Lab File: BF111763.D  
Acq: 27 Dec 2018 15:37

Tgt Ion:112 Resp: 186546  
Ion Ratio Lower Upper  
112 100  
64 89.5 51.8 77.6#  
63 160.7 26.8 40.2#



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





#7

Phenol-d6

Concen: 18.474 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.04 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

Instrument :

BNA\_F

ClientSampleId :

P001-SS013-2430-01

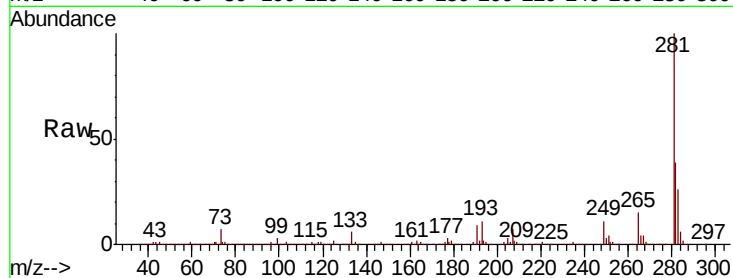
Tgt Ion: 99 Resp: 173765

Ion Ratio Lower Upper

99 100

42 23.5 17.4 26.0

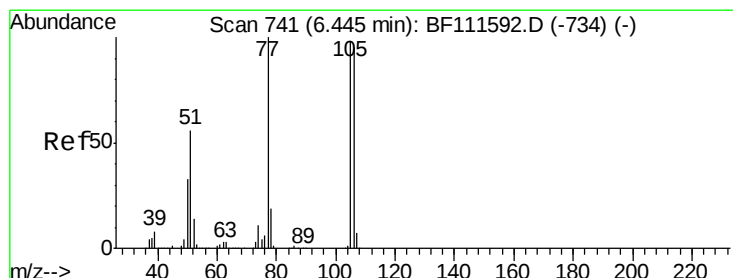
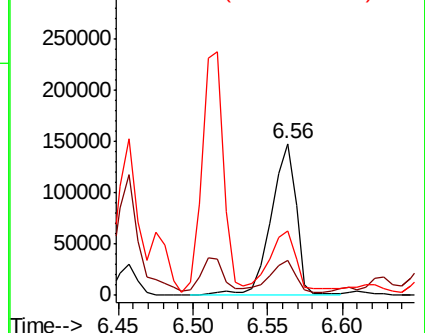
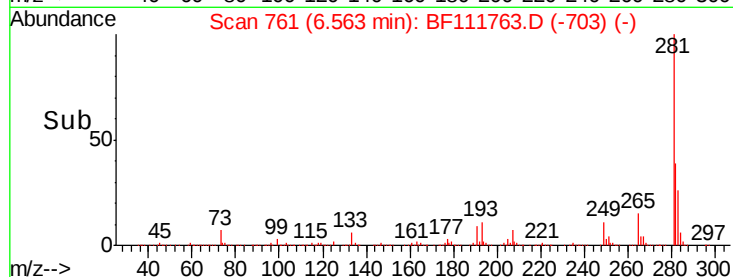
71 42.2 26.1 39.1#



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: 16.945 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.04 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

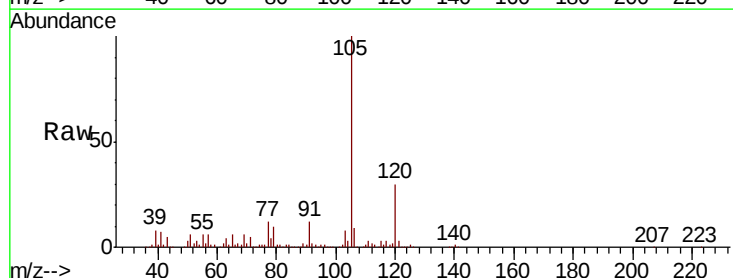
Tgt Ion: 77 Resp: 109621

Ion Ratio Lower Upper

77 100

105 821.6 81.4 121.4#

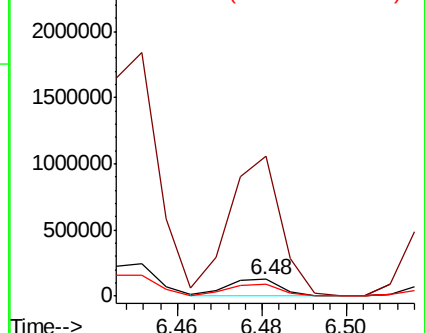
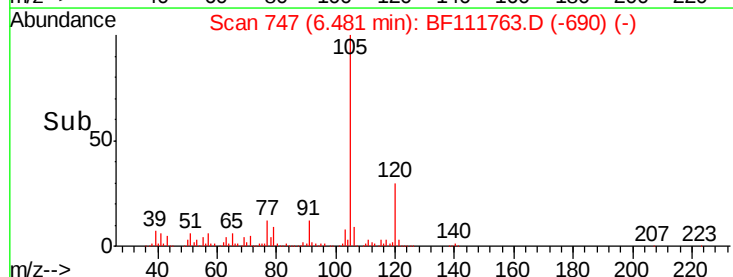
106 71.3 77.9 117.9#

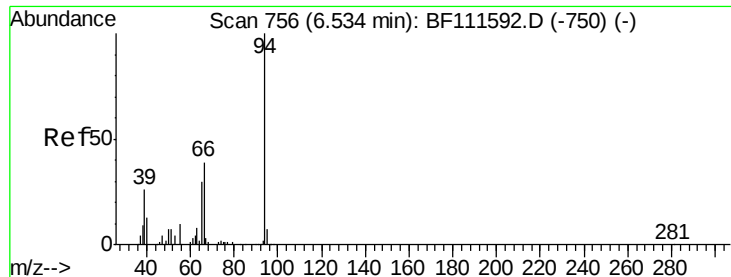


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.062 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.04 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

Instrument :

BNA\_F

ClientSampleId :

P001-SS013-2430-01

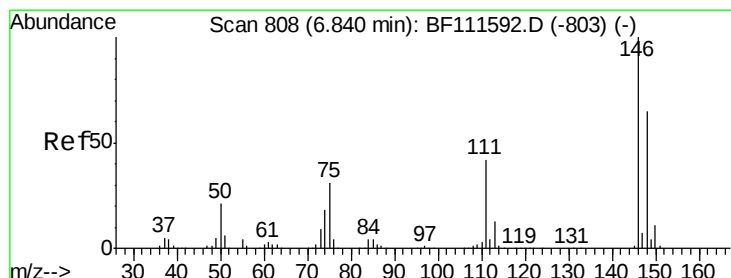
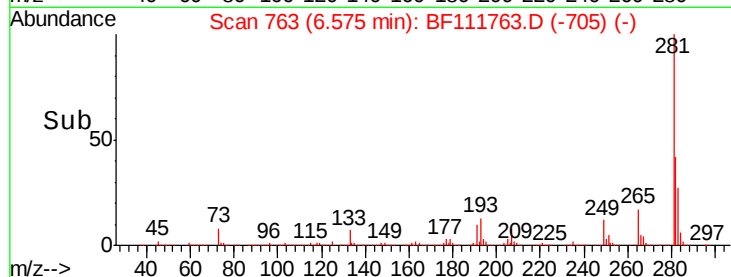
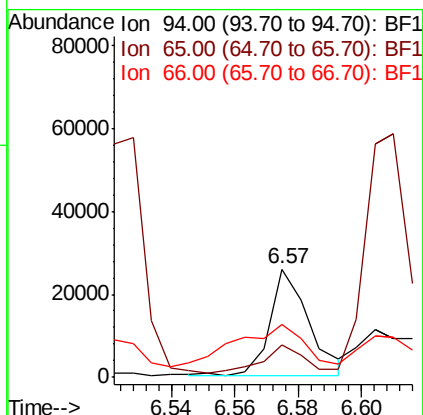
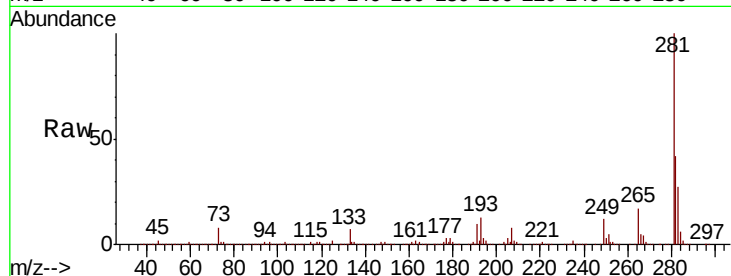
Tgt Ion: 94 Resp: 21879

Ion Ratio Lower Upper

94 100

65 30.4 11.7 51.7

66 49.3 21.0 61.0



#12

1,3-Dichlorobenzene

Concen: 5.107 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.10 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

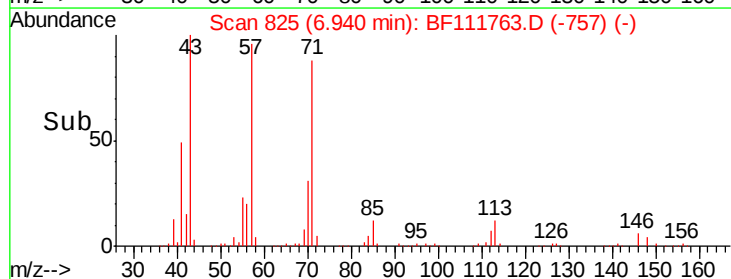
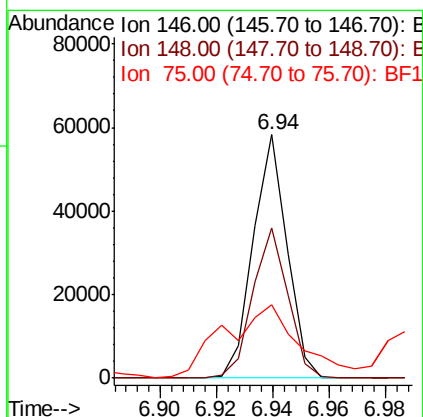
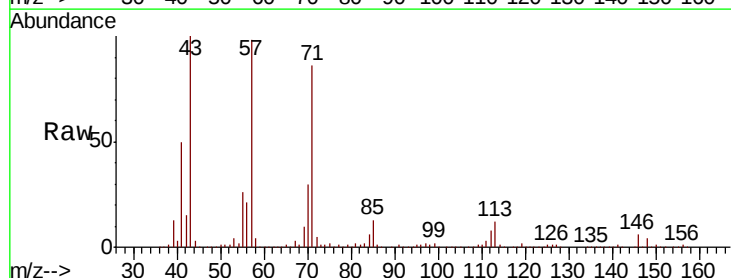
Tgt Ion: 146 Resp: 48452

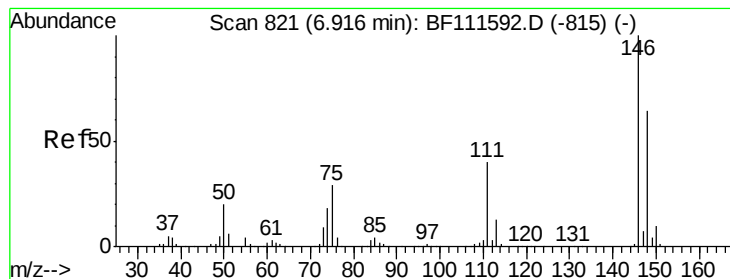
Ion Ratio Lower Upper

146 100

148 61.7 52.1 78.1

75 30.2 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 5.035 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.02 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

Instrument :

BNA\_F

ClientSampleId :

P001-SS013-2430-01

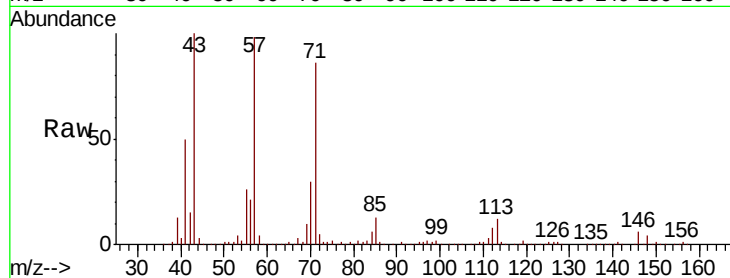
Tgt Ion:146 Resp: 48452

Ion Ratio Lower Upper

146 100

148 61.7 52.8 79.2

111 53.7 33.4 50.0#

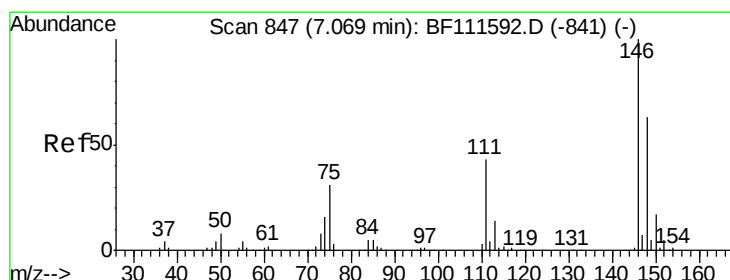
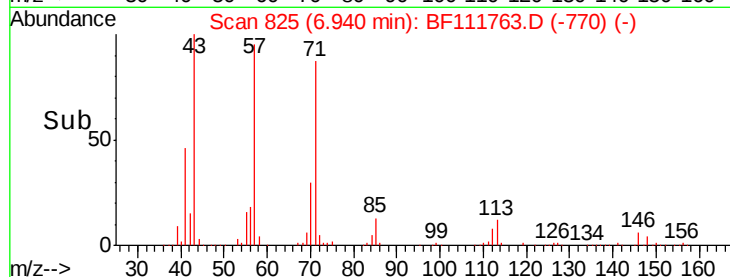
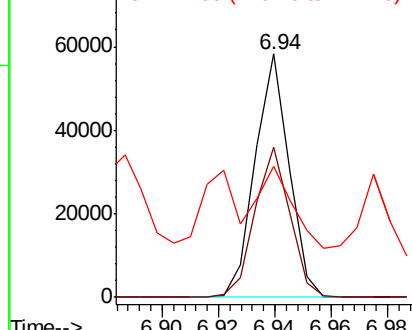


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 5.397 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.13 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

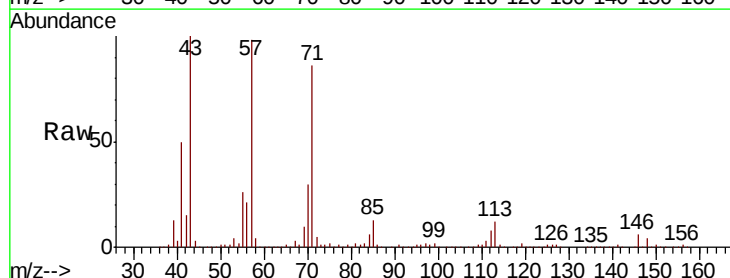
Tgt Ion:146 Resp: 48452

Ion Ratio Lower Upper

146 100

148 61.7 51.9 77.9

111 53.7 36.2 54.4

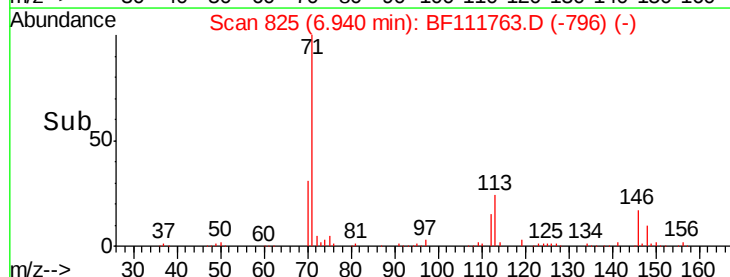
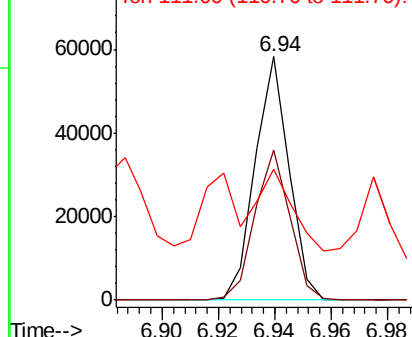


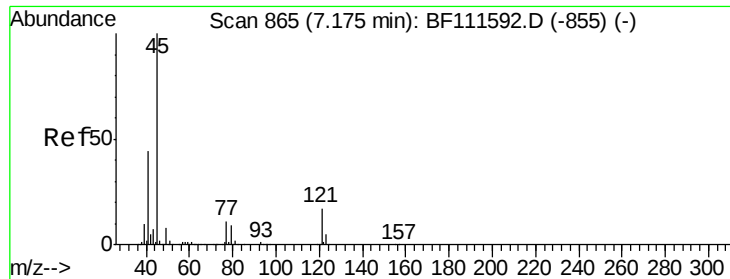
Abundance

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

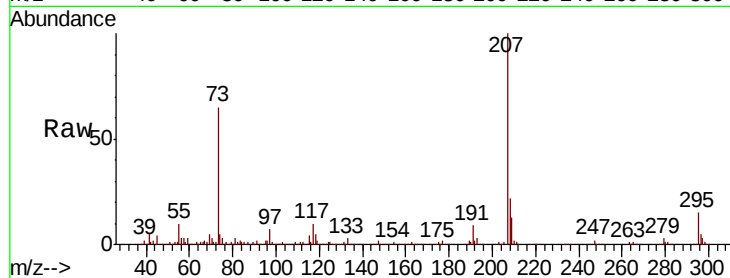




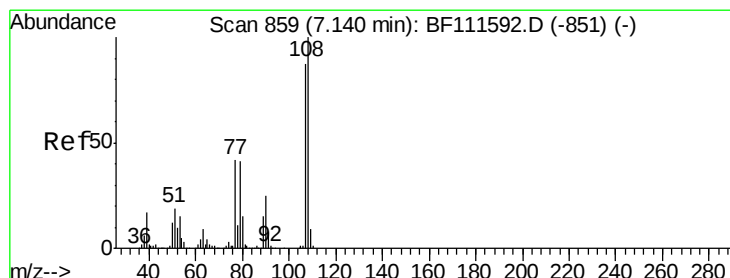
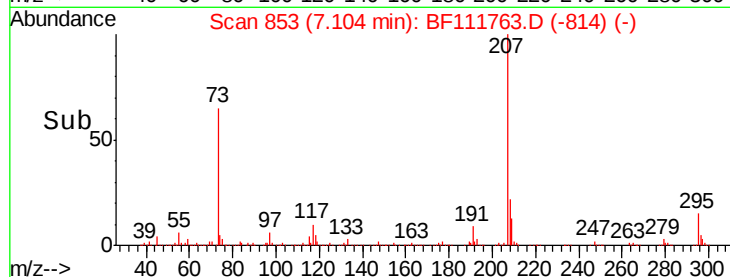
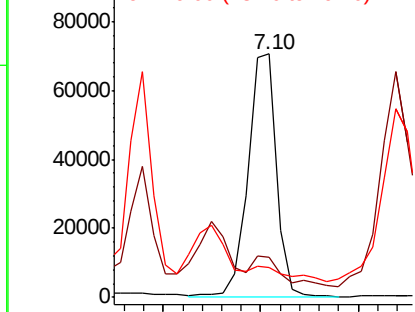
#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 4.880 ng  
RT: 7.10 min Scan# 853  
Delta R.T. -0.07 min  
Lab File: BF111763.D  
Acq: 27 Dec 2018 15:37

Instrument :  
BNA\_F  
ClientSampleId :  
P001-SS013-2430-01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 71477 |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 77       | 16.6  | 0.0   | 31.5  |
| 79       | 12.2  | 0.0   | 28.9  |

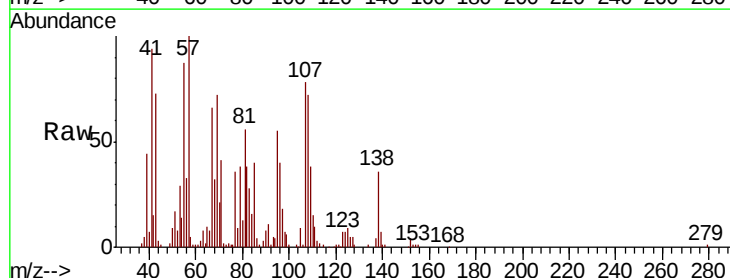


Abundance Ion 45.00 (44.70 to 45.70): BF1  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

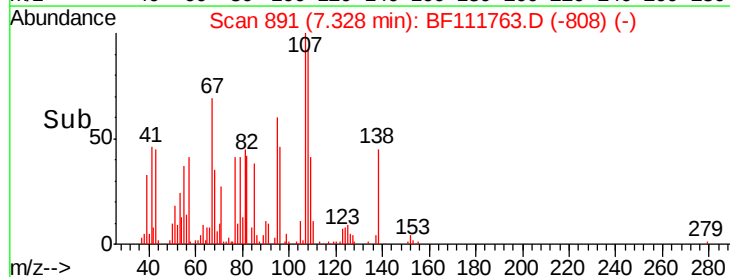
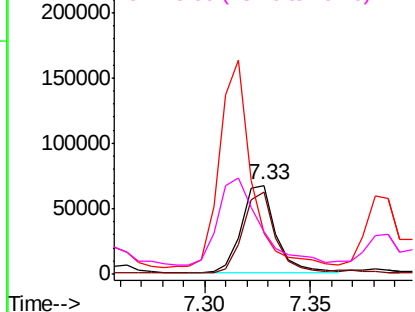


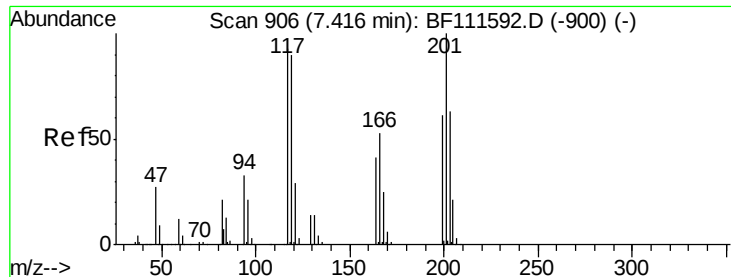
#17  
2-Methylphenol  
Concen: 11.571 ng  
RT: 7.33 min Scan# 891  
Delta R.T. 0.19 min  
Lab File: BF111763.D  
Acq: 27 Dec 2018 15:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 75860 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 92.2  | 91.0  | 136.4 |
| 77       | 46.9  | 33.5  | 50.3  |
| 79       | 48.5  | 33.3  | 49.9  |



Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

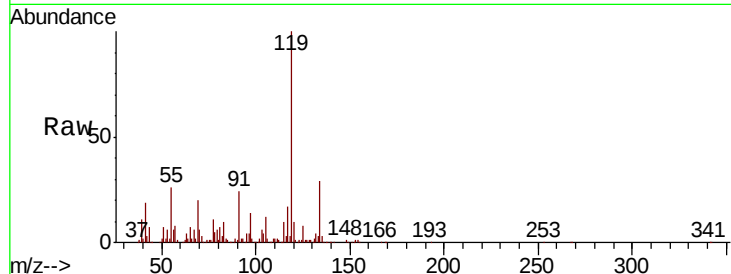




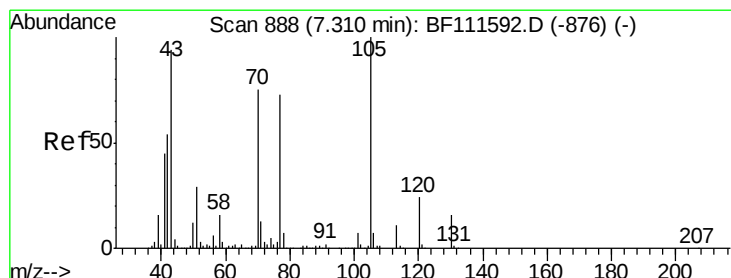
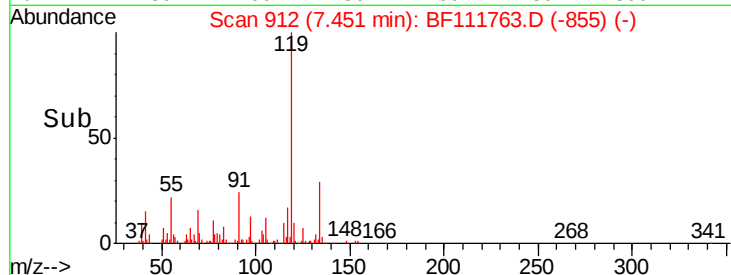
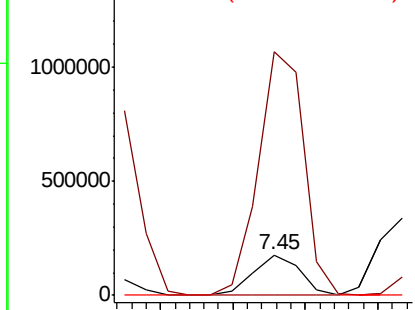
#18  
Hexachloroethane  
Concen: 48.324 ng  
RT: 7.45 min Scan# 912  
Delta R.T. 0.04 min  
Lab File: BF111763.D  
Acq: 27 Dec 2018 15:37

Instrument :  
BNA\_F  
ClientSampleId :  
P001-SS013-2430-01

Tgt Ion: 117 Resp: 156700  
Ion Ratio Lower Upper  
117 100  
119 597.8 75.4 113.0#  
201 0.0 62.4 93.6#

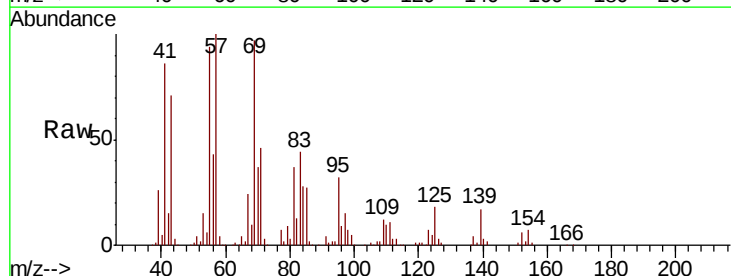


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

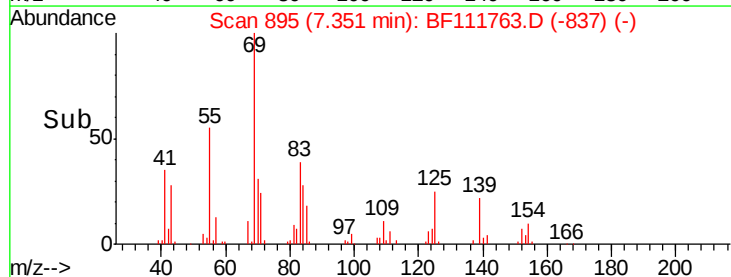
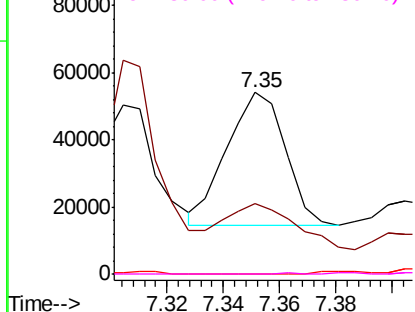


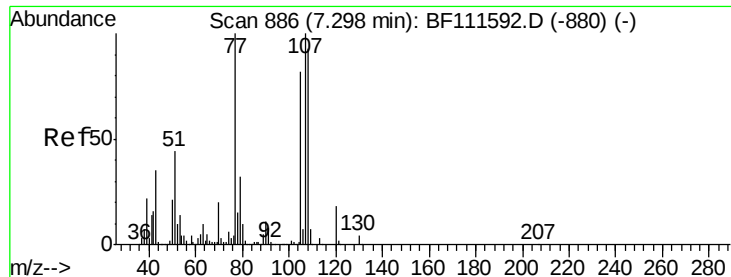
#19  
n-Nitroso-di-n-propylamine  
Concen: 9.064 ng  
RT: 7.35 min Scan# 895  
Delta R.T. 0.04 min  
Lab File: BF111763.D  
Acq: 27 Dec 2018 15:37

Tgt Ion: 70 Resp: 56623  
Ion Ratio Lower Upper  
70 100  
42 39.0 53.2 79.8#  
101 0.0 8.2 12.4#  
130 0.0 18.1 27.1#



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): E  
Ion 130.00 (129.70 to 130.70): E

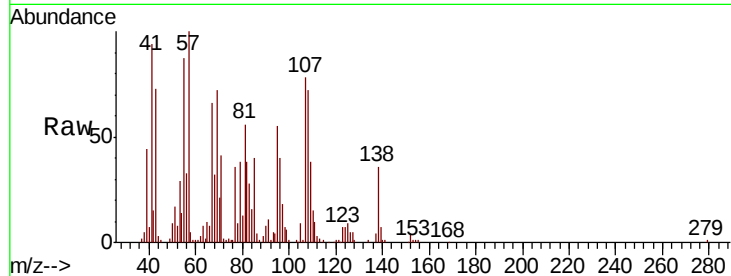




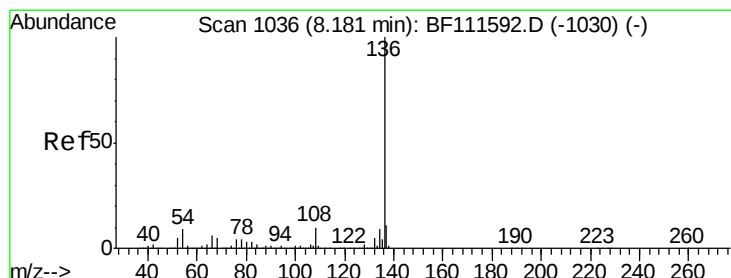
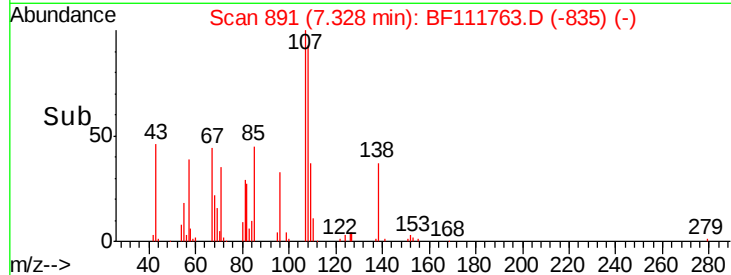
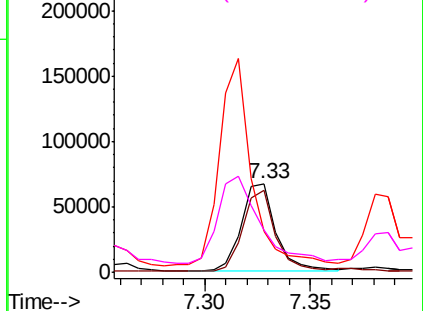
#20  
3+4-Methylphenols  
Concen: 9.158 ng  
RT: 7.33 min Scan# 891  
Delta R.T. 0.03 min  
Lab File: BF111763.D  
Acq: 27 Dec 2018 15:37

Instrument :  
BNA\_F  
ClientSampleId :  
P001-SS013-2430-01

Tgt Ion:107 Resp: 75860  
Ion Ratio Lower Upper  
107 100  
108 92.2 72.1 112.1  
77 46.9 94.1 134.1#  
79 48.5 9.8 49.8

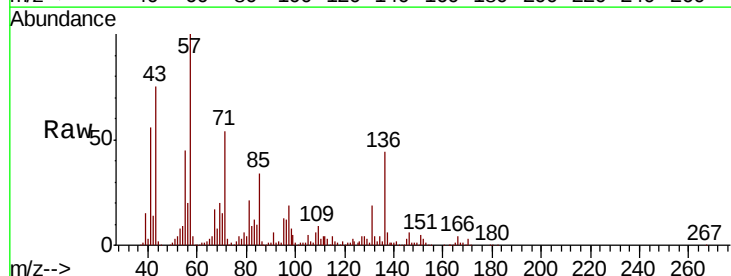


Abundance Ion 107.00 (106.70 to 107.70): E  
250000 Ion 108.00 (107.70 to 108.70): E  
200000 Ion 77.00 (76.70 to 77.70): BF1  
150000 Ion 79.00 (78.70 to 79.70): BF1  
100000  
50000  
0

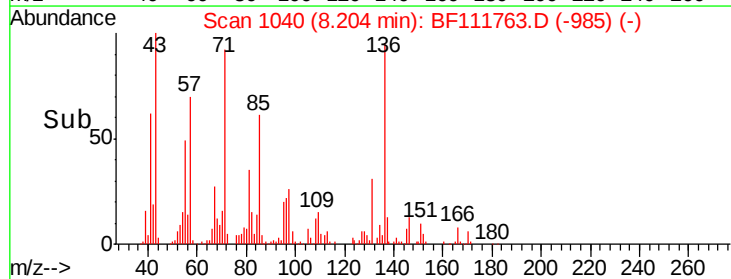
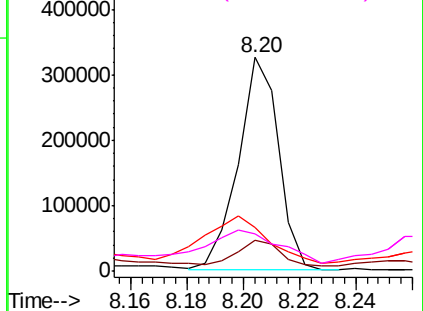


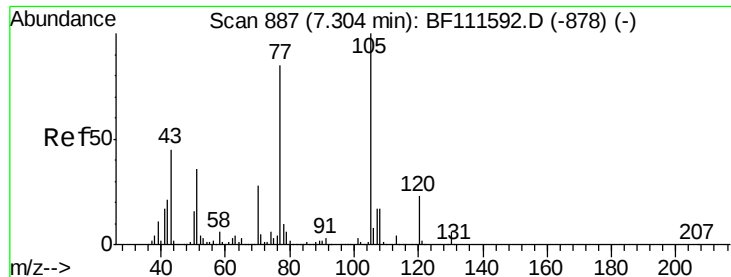
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.20 min Scan# 1040  
Delta R.T. 0.02 min  
Lab File: BF111763.D  
Acq: 27 Dec 2018 15:37

Tgt Ion:136 Resp: 320932  
Ion Ratio Lower Upper  
136 100  
137 14.4 9.1 13.7#  
54 20.4 7.7 11.5#  
68 17.5 4.9 7.3#



Abundance Ion 136.00 (135.70 to 136.70): E  
500000 Ion 137.00 (136.70 to 137.70): E  
400000 Ion 54.00 (53.70 to 54.70): BF1  
300000 Ion 68.00 (67.70 to 68.70): BF1  
200000  
100000  
0





#22

Acetophenone

Concen: 61.307 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.01 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

Instrument :

BNA\_F

ClientSampleId :

P001-SS013-2430-01

Tgt Ion: 105 Resp: 498456

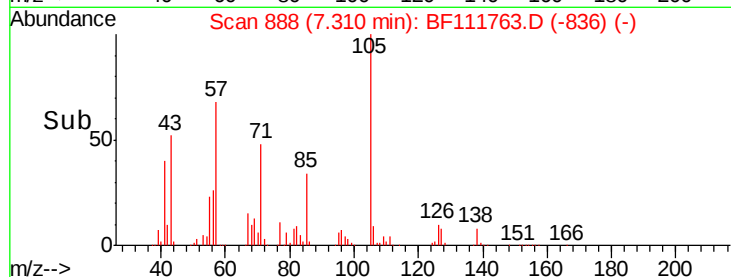
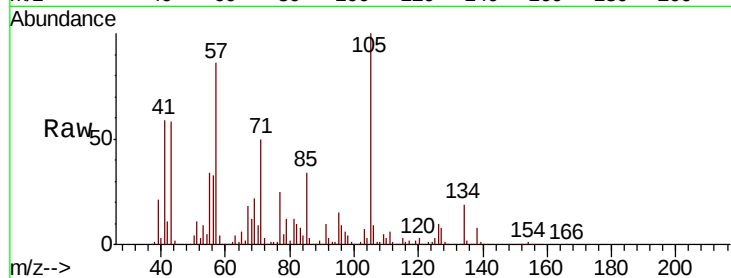
Ion Ratio Lower Upper

105 100

71 50.0 3.1 4.7#

51 11.2 36.6 54.8#

120 3.2 18.2 27.4#



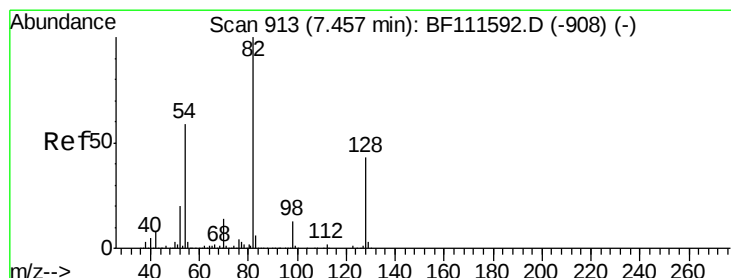
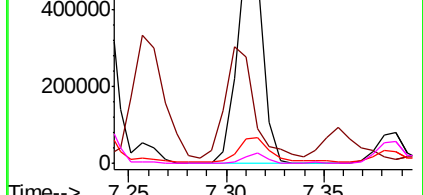
Abundance Ion 105.00 (104.70 to 105.70): E

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

Time-->



#23

Nitrobenzene-d5

Concen: 93.257 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

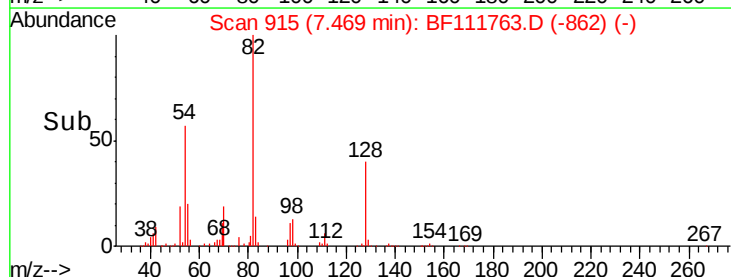
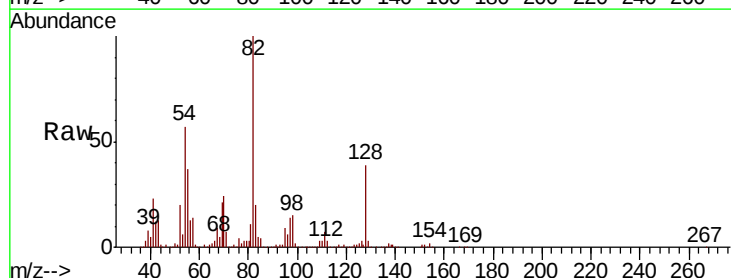
Tgt Ion: 82 Resp: 514177

Ion Ratio Lower Upper

82 100

128 39.4 37.4 56.2

54 56.9 47.6 71.4

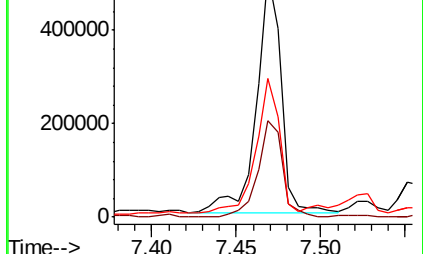


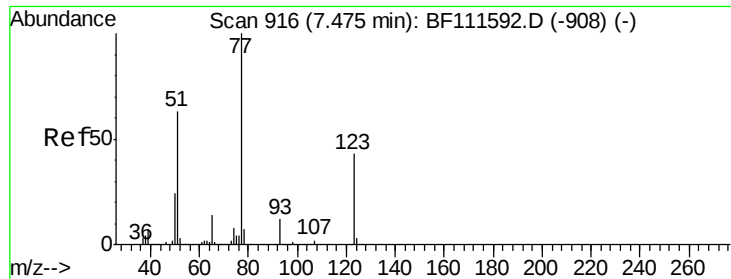
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

Time-->





#24

Nitrobenzene

Concen: 4.390 ng

RT: 7.49 min Scan# 918

Delta R.T. 0.01 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

Instrument :

BNA\_F

ClientSampleId :

P001-SS013-2430-01

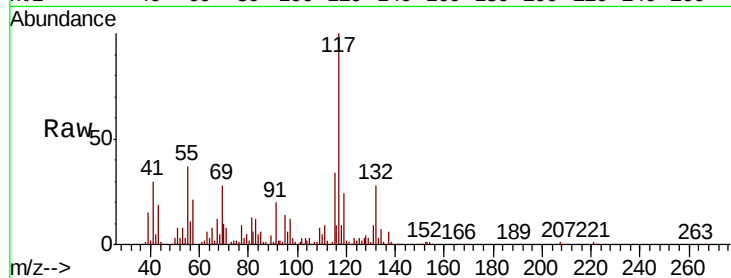
Tgt Ion: 77 Resp: 25368

Ion Ratio Lower Upper

77 100

123 34.4 37.2 55.8#

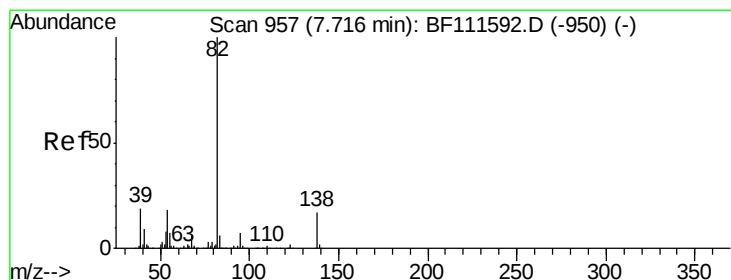
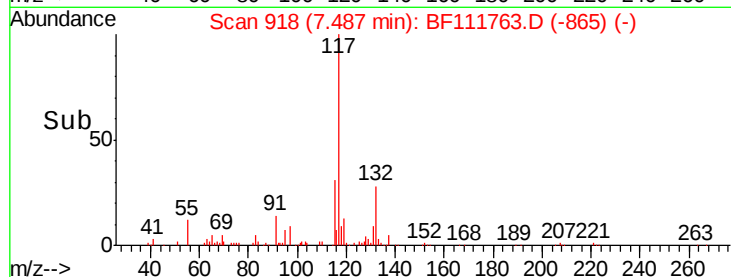
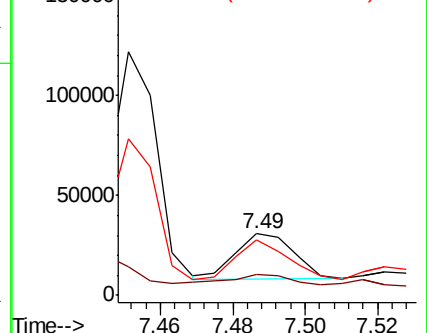
65 90.3 11.5 17.3#



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: 12.386 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.02 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

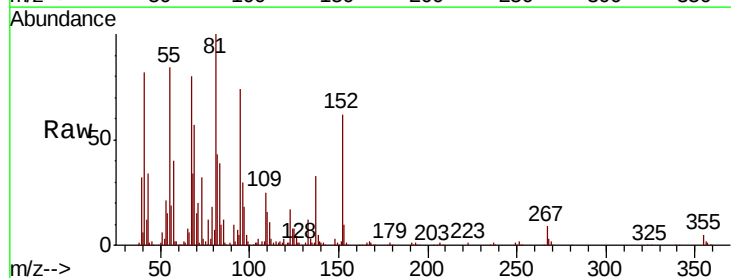
Tgt Ion: 82 Resp: 121240

Ion Ratio Lower Upper

82 100

95 173.4 5.4 8.2#

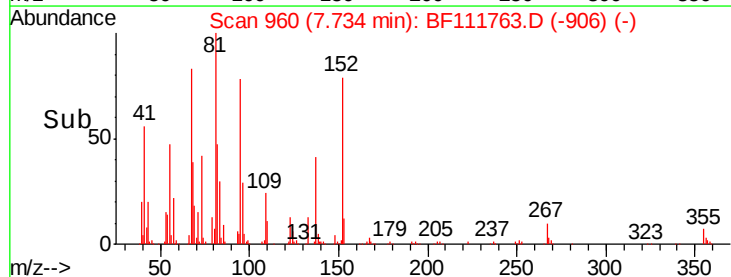
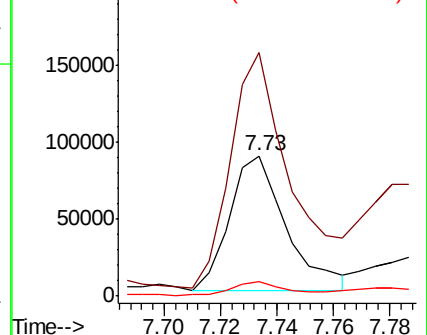
138 10.6 15.1 22.7#

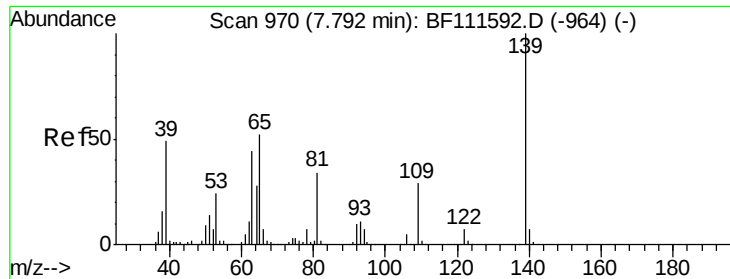


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

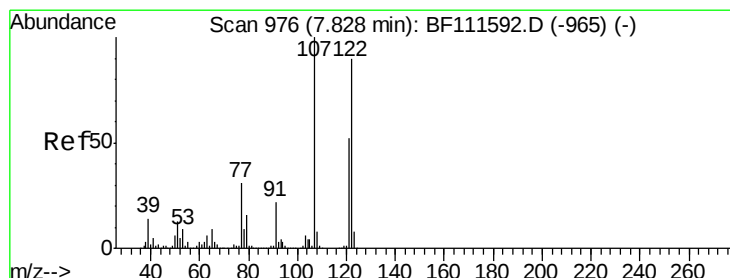
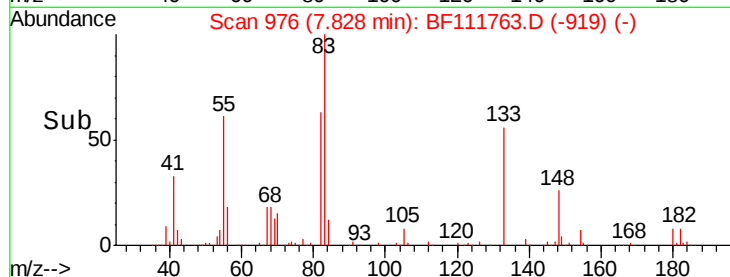
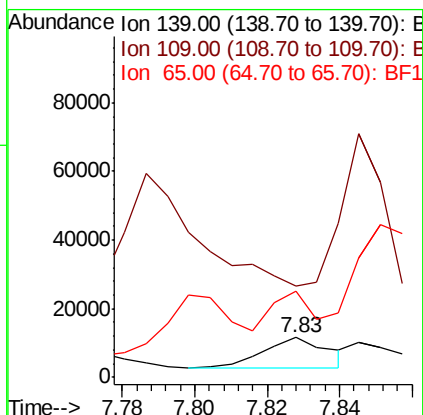
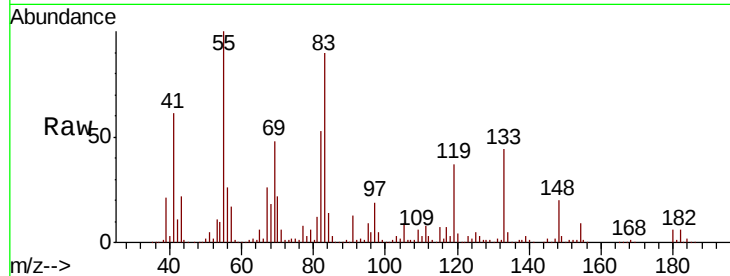




#26  
2-Nitrophenol  
Concen: 4.707 ng  
RT: 7.83 min Scan# 976  
Delta R.T. 0.04 min  
Lab File: BF111763.D  
Acq: 27 Dec 2018 15:37

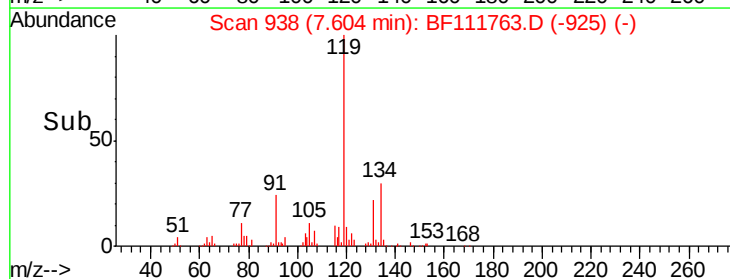
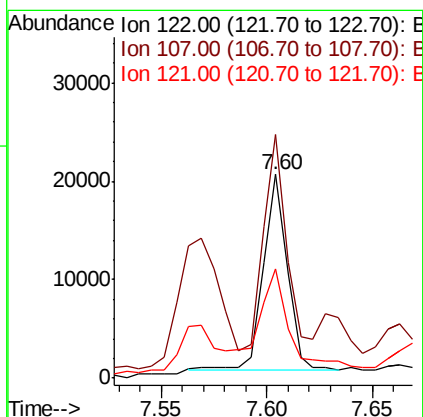
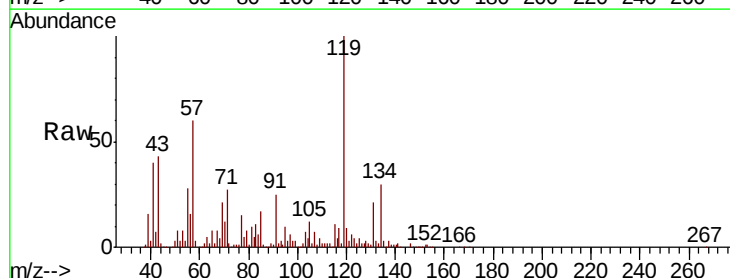
Instrument :  
BNA\_F  
ClientSampleId :  
P001-SS013-2430-01

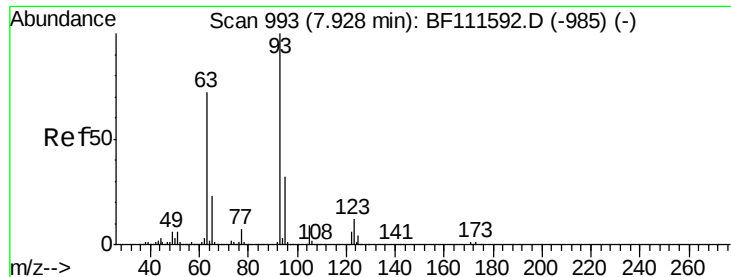
Tgt Ion:139 Resp: 11032  
Ion Ratio Lower Upper  
139 100  
109 229.9 20.2 30.4#  
65 218.2 40.7 61.1#



#27  
2,4-Dimethylphenol  
Concen: 3.408 ng  
RT: 7.60 min Scan# 938  
Delta R.T. -0.22 min  
Lab File: BF111763.D  
Acq: 27 Dec 2018 15:37

Tgt Ion:122 Resp: 15746  
Ion Ratio Lower Upper  
122 100  
107 119.4 85.5 128.3  
121 53.8 46.6 70.0

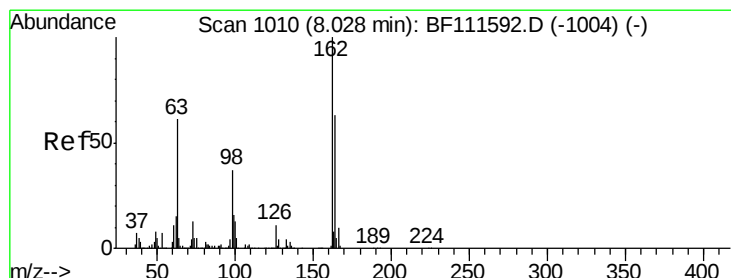
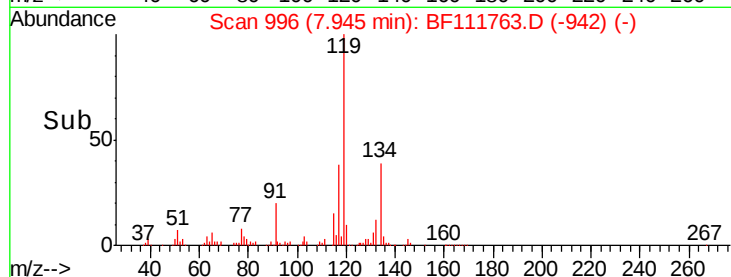
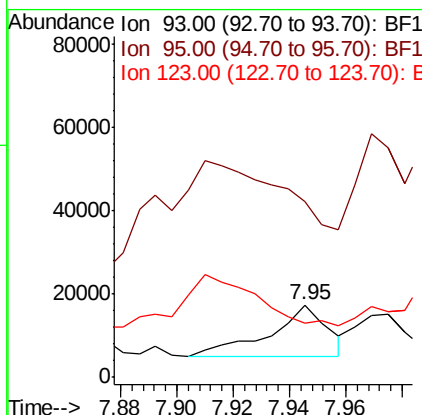
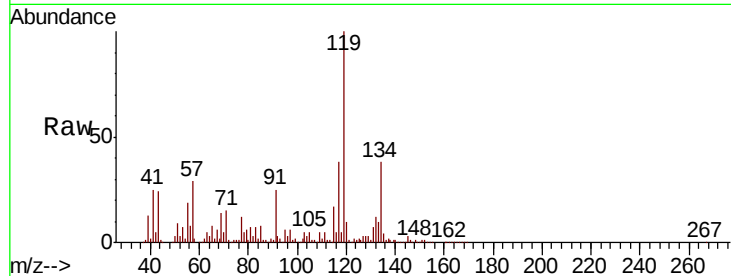




#28  
bis(2-Chloroethoxy)methane  
Concen: 2.681 ng  
RT: 7.95 min Scan# 996  
Delta R.T. 0.02 min  
Lab File: BF111763.D  
Acq: 27 Dec 2018 15:37

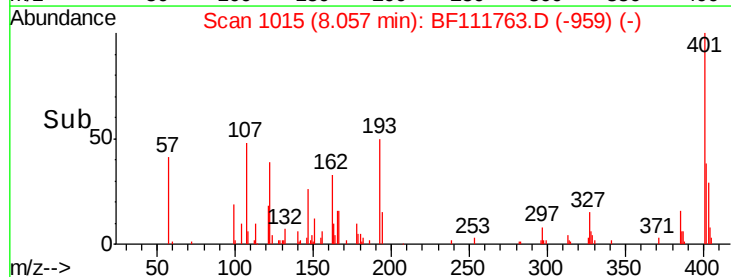
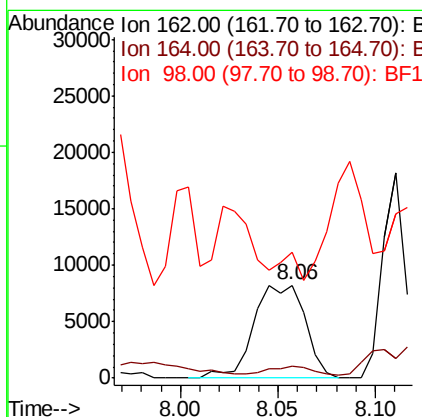
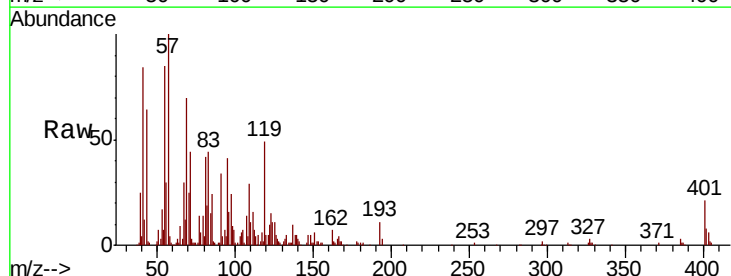
Instrument :  
BNA\_F  
ClientSampleId :  
P001-SS013-2430-01

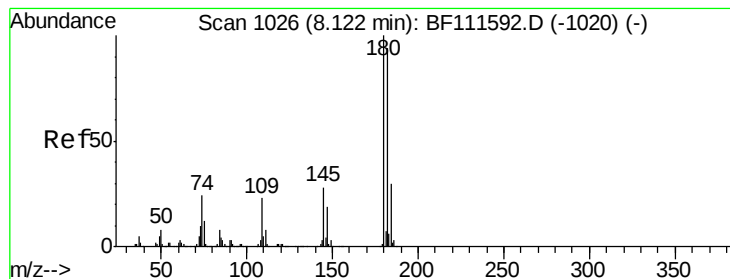
Tgt Ion: 93 Resp: 17460  
Ion Ratio Lower Upper  
93 100  
95 243.5 27.1 40.7#  
123 75.1 9.9 14.9#



#29  
2,4-Dichlorophenol  
Concen: 3.021 ng  
RT: 8.06 min Scan# 1015  
Delta R.T. 0.03 min  
Lab File: BF111763.D  
Acq: 27 Dec 2018 15:37

Tgt Ion: 162 Resp: 15011  
Ion Ratio Lower Upper  
162 100  
164 12.7 44.4 84.4#  
98 135.5 20.3 60.3#





#30

1,2,4-Trichlorobenzene

Concen: 123.739 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.02 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

Instrument :

BNA\_F

ClientSampleId :

P001-SS013-2430-01

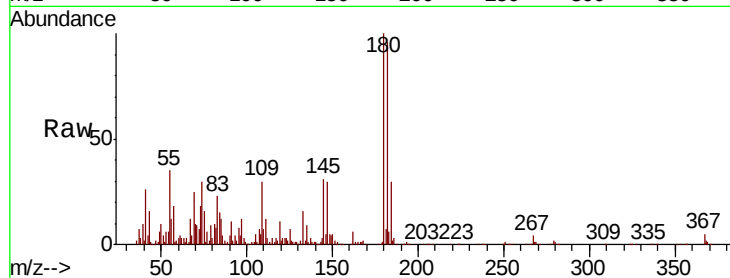
Tgt Ion:180 Resp: 685201

Ion Ratio Lower Upper

180 100

182 95.9 75.6 113.4

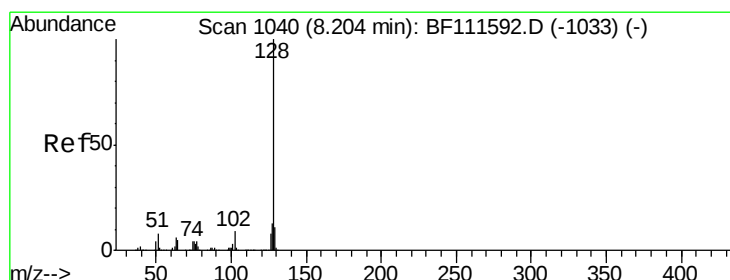
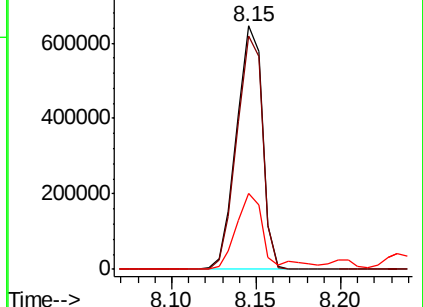
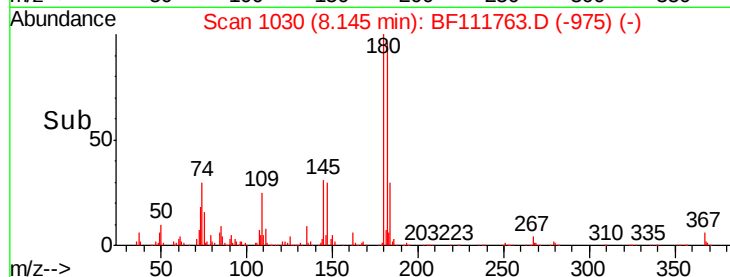
145 31.0 26.7 40.1



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



#31

Naphthalene

Concen: 127.873 ng

RT: 8.23 min Scan# 1045

Delta R.T. 0.03 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

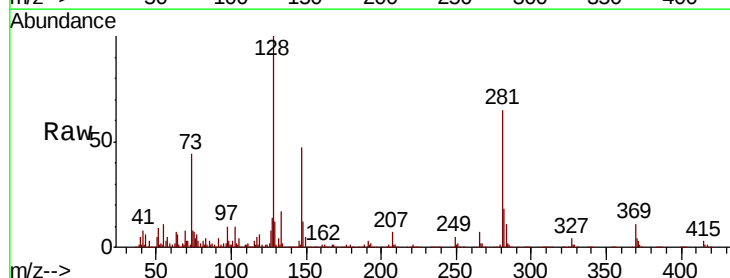
Tgt Ion:128 Resp: 1971836

Ion Ratio Lower Upper

128 100

129 11.9 9.8 14.8

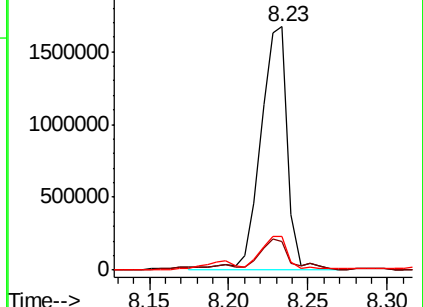
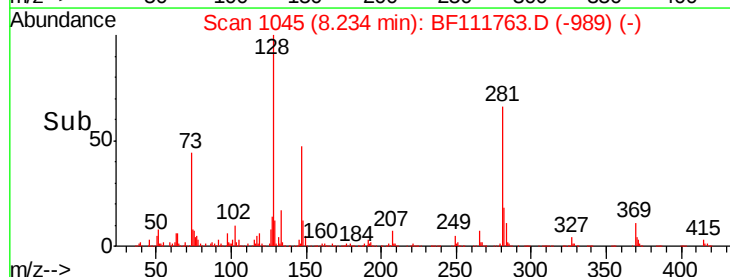
127 14.1 12.0 18.0

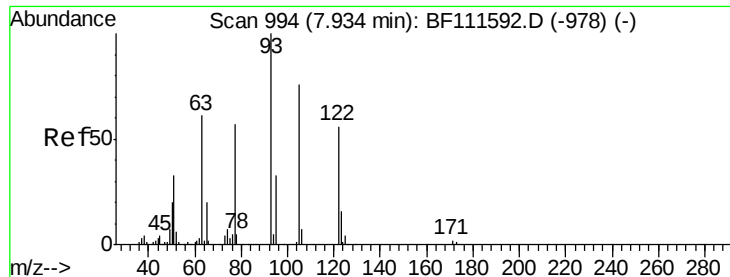


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 12.460 ng

RT: 7.99 min Scan# 1003

Delta R.T. 0.05 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

Instrument :

BNA\_F

ClientSampleId :

P001-SS013-2430-01

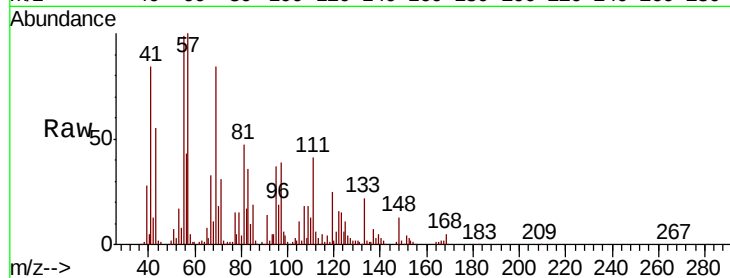
Tgt Ion:122 Resp: 38060

Ion Ratio Lower Upper

122 100

105 69.5 97.0 137.0#

77 93.8 65.7 105.7

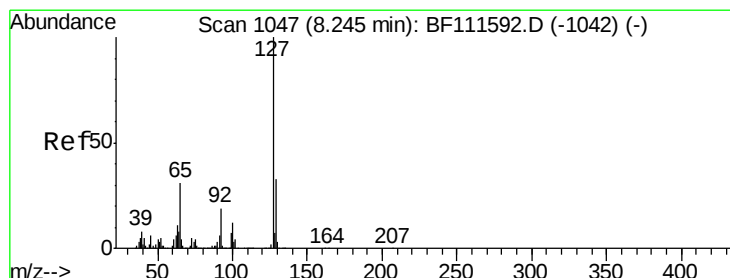
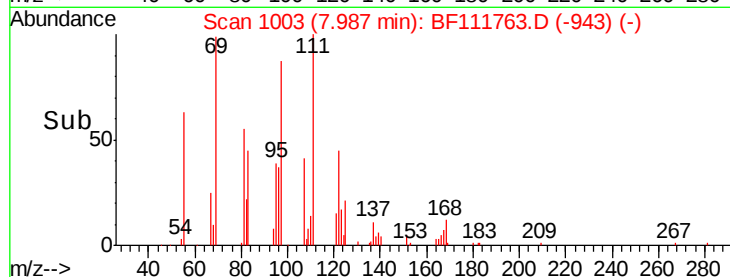
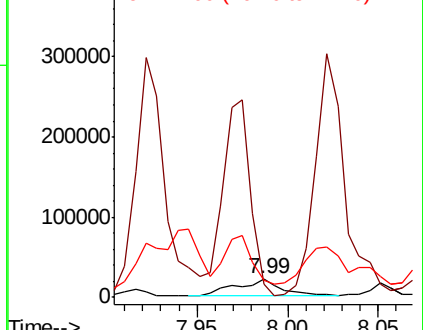


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 42.162 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

Tgt Ion:127 Resp: 281009

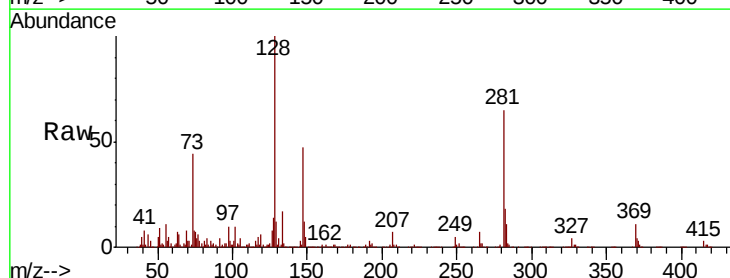
Ion Ratio Lower Upper

127 100

129 84.7 26.6 39.8#

65 10.4 25.7 38.5#

92 3.1 15.4 23.2#



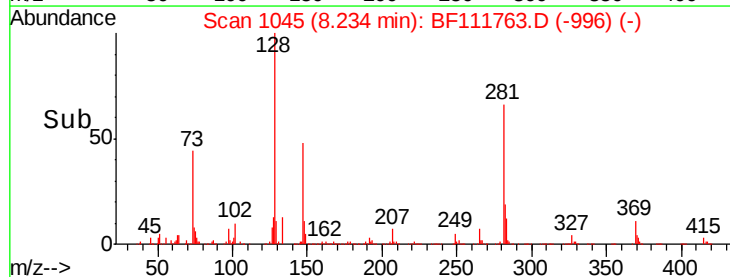
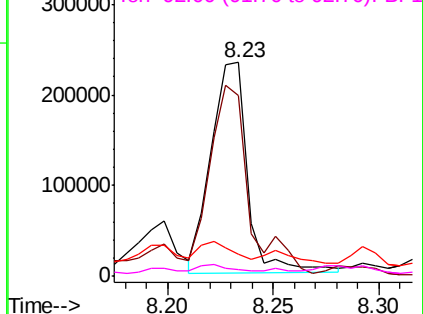
Abundance

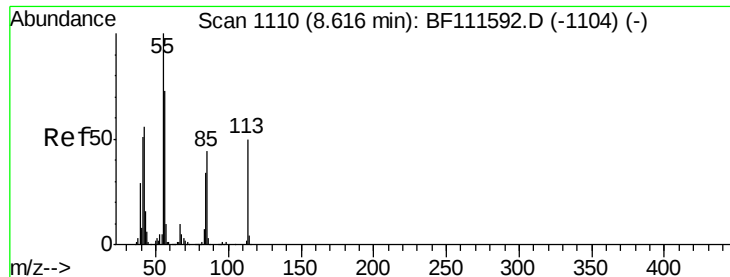
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#35

Caprolactam

Concen: 110.853 ng

RT: 8.63 min Scan# 1113

Delta R.T. 0.02 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

Instrument :

BNA\_F

ClientSampleId :

P001-SS013-2430-01

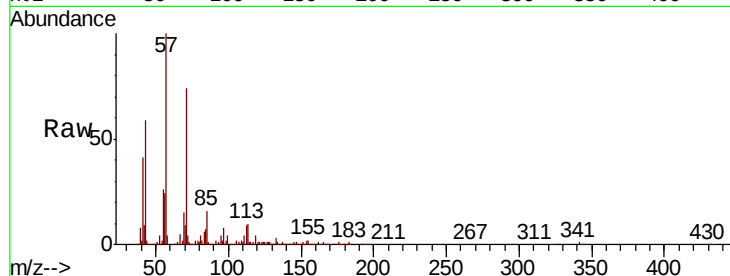
Tgt Ion:113 Resp: 186658

Ion Ratio Lower Upper

113 100

55 250.0 184.1 224.1#

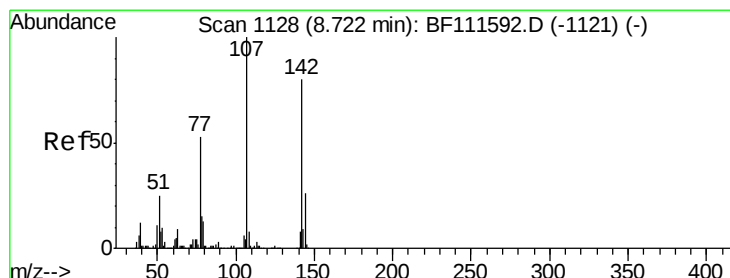
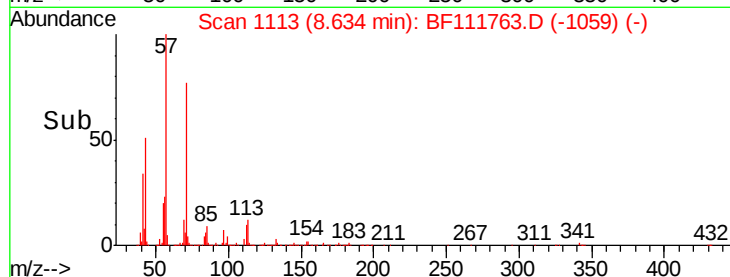
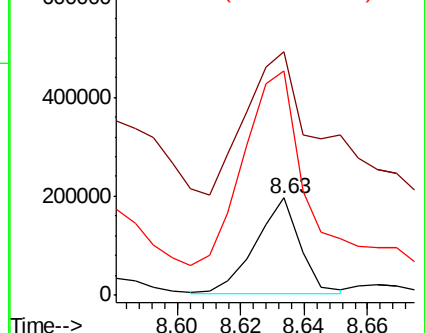
56 231.1 126.0 166.0#



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



#36

4-Chloro-3-methylphenol

Concen: 13.122 ng

RT: 8.77 min Scan# 1136

Delta R.T. 0.05 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

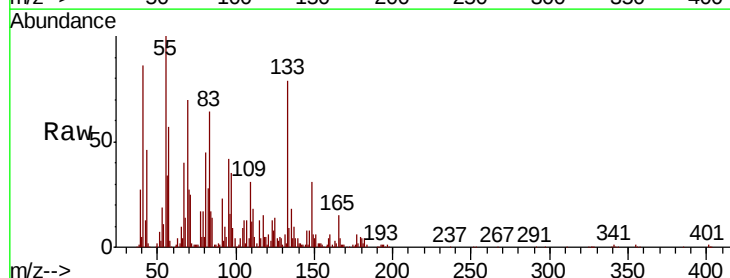
Tgt Ion:107 Resp: 64097

Ion Ratio Lower Upper

107 100

144 5.3 19.8 29.6#

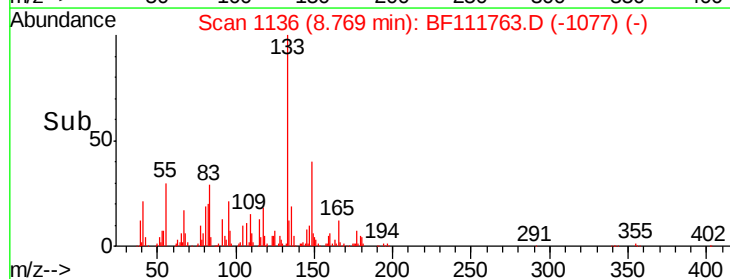
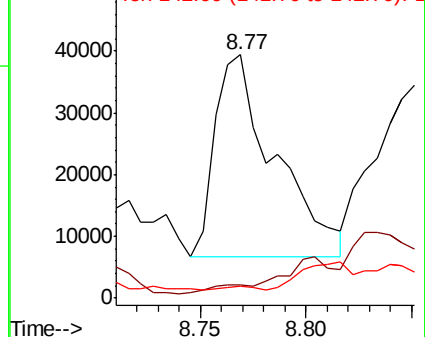
142 4.9 62.3 93.5#

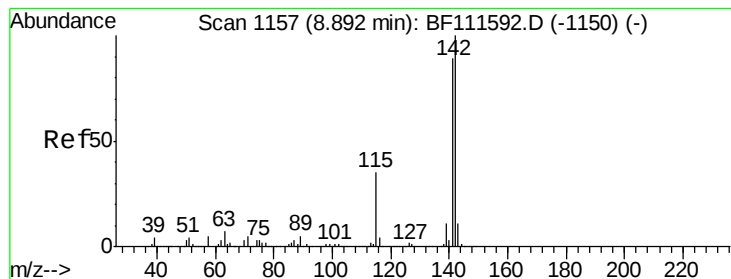


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 175.804 ng

RT: 8.93 min Scan# 1163

Delta R.T. 0.04 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

Instrument :

BNA\_F

ClientSampleId :

P001-SS013-2430-01

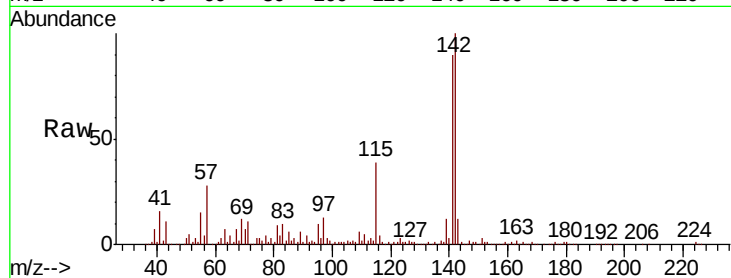
Tgt Ion:142 Resp: 1763759

Ion Ratio Lower Upper

142 100

141 90.0 70.6 105.8

115 39.4 27.0 40.6

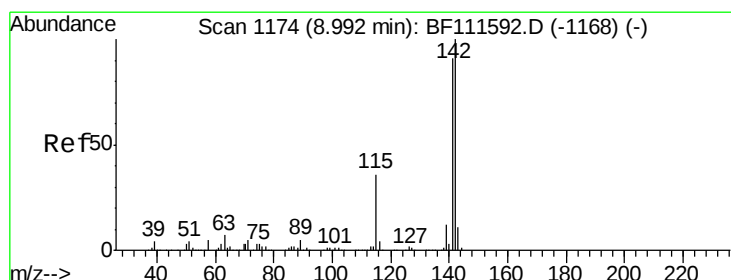
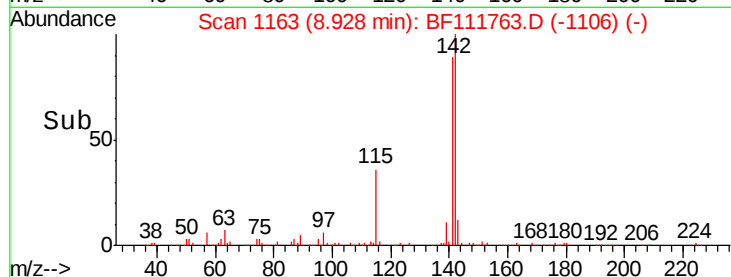
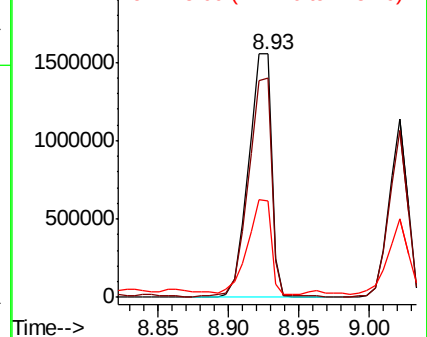


Abundance

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: 183.050 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.06 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

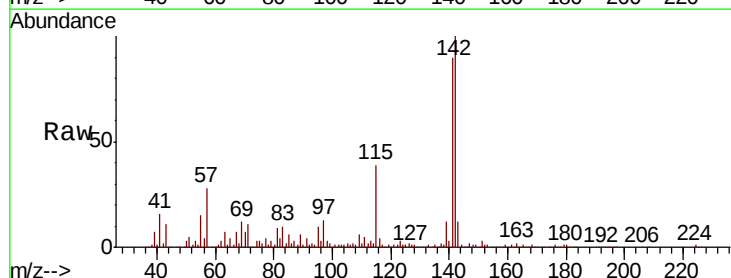
Tgt Ion:142 Resp: 1763759

Ion Ratio Lower Upper

142 100

141 90.0 74.2 111.4

116 4.0 2.9 4.3

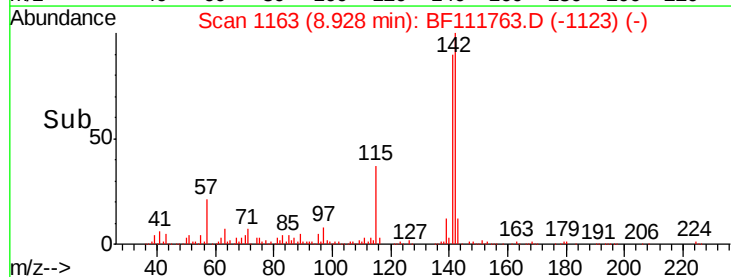
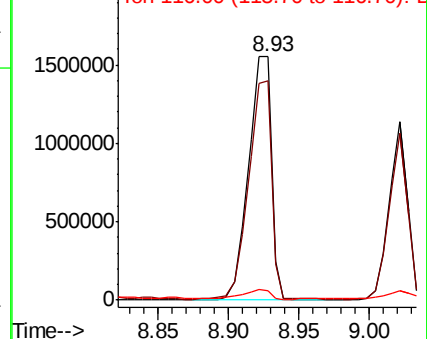


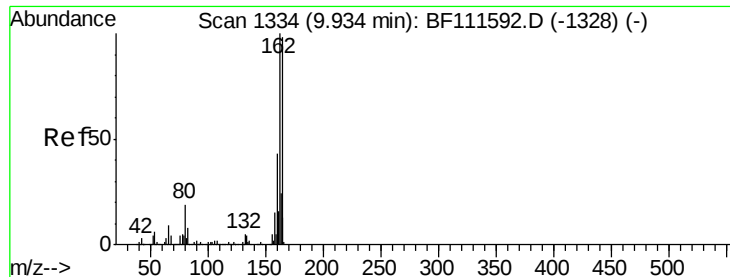
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.03 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

Instrument :

BNA\_F

ClientSampleId :

P001-SS013-2430-01

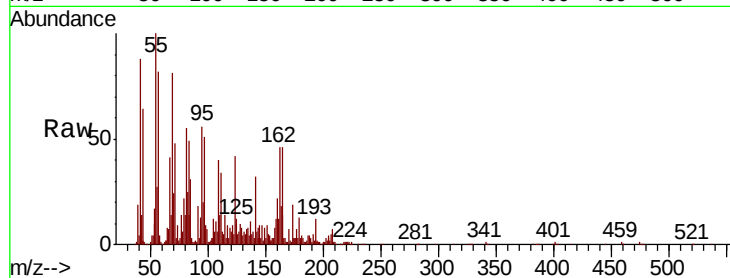
Tgt Ion:164 Resp: 175342

Ion Ratio Lower Upper

164 100

162 99.1 81.4 122.0

160 48.4 35.7 53.5

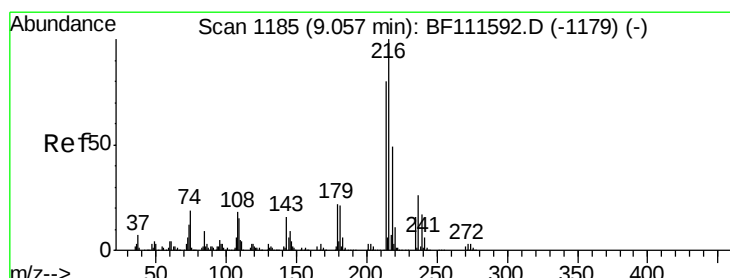
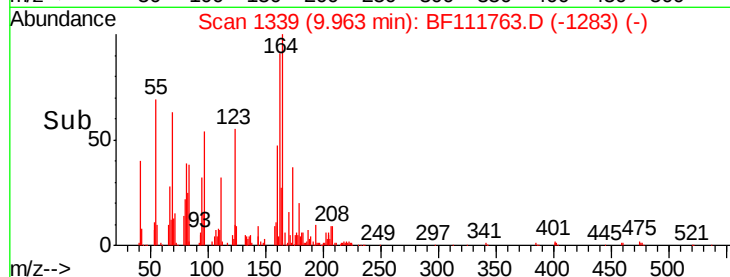
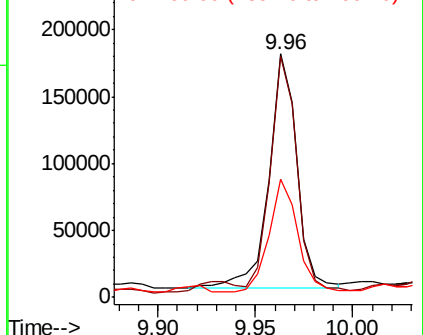


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 24.579 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.03 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

Tgt Ion:216 Resp: 141616

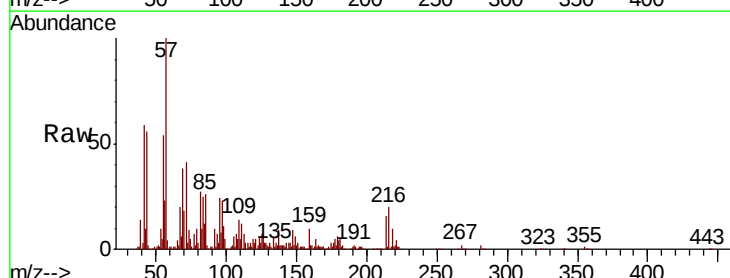
Ion Ratio Lower Upper

216 100

214 78.8 63.8 95.8

179 36.4 17.9 26.9#

108 21.5 18.4 27.6



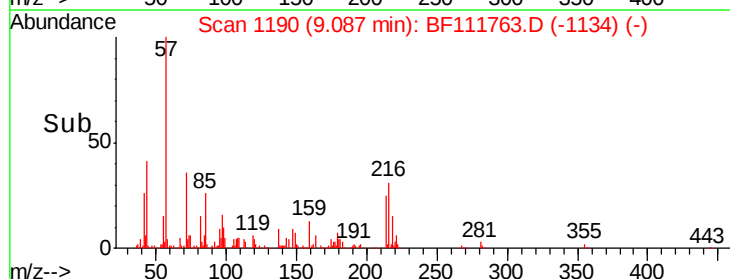
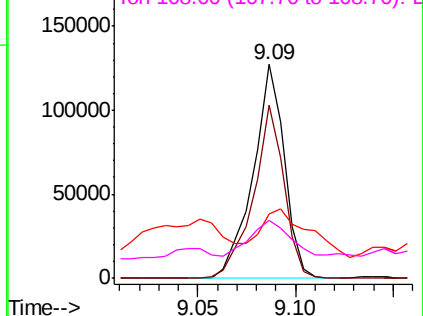
Abundance

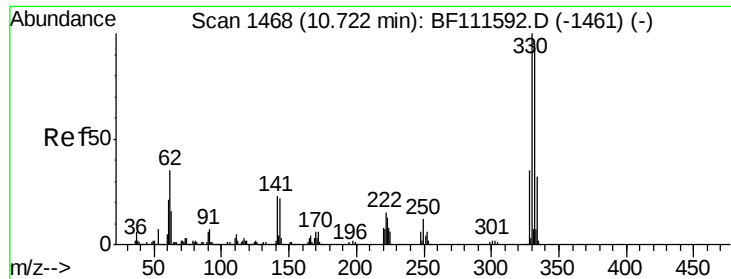
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

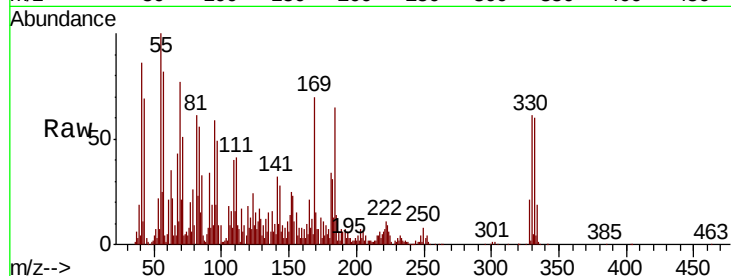




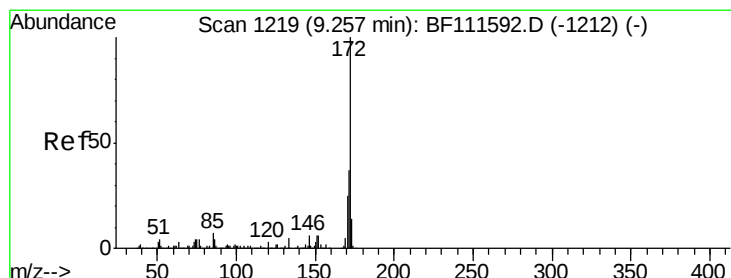
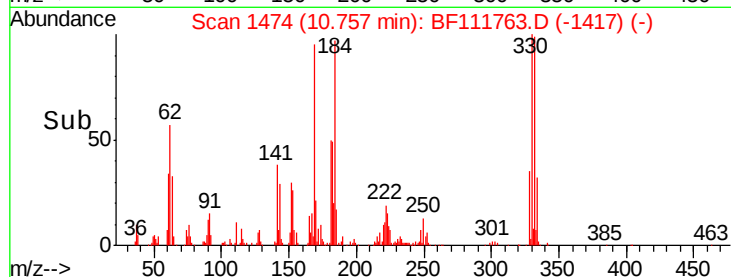
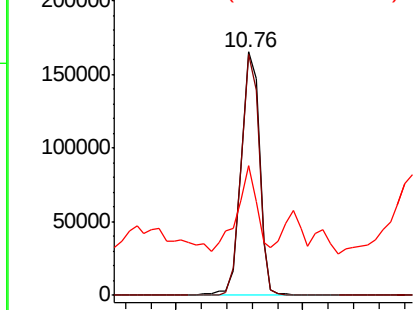
#42  
 2,4,6-Tribromophenol  
 Concen: 79.897 ng  
 RT: 10.76 min Scan# 1474  
 Delta R.T. 0.04 min  
 Lab File: BF111763.D  
 Acq: 27 Dec 2018 15:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P001-SS013-2430-01

Tgt Ion:330 Resp: 165530  
 Ion Ratio Lower Upper  
 330 100  
 332 96.7 76.0 114.0  
 141 36.4 31.0 46.6

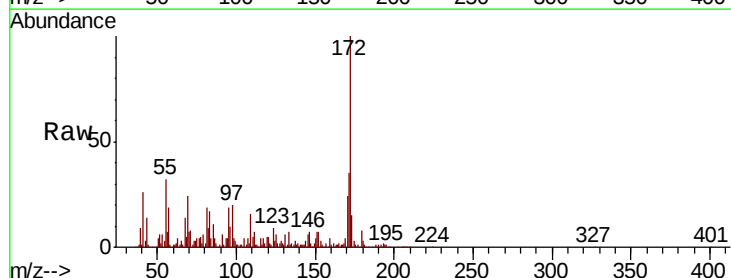


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

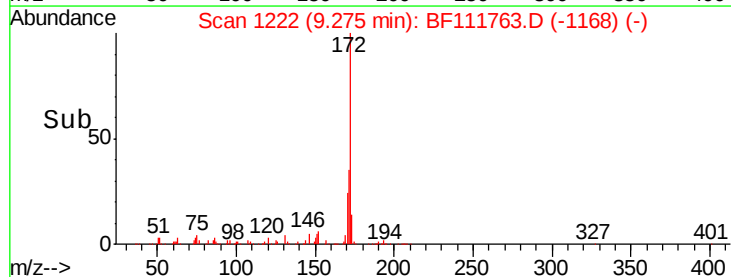
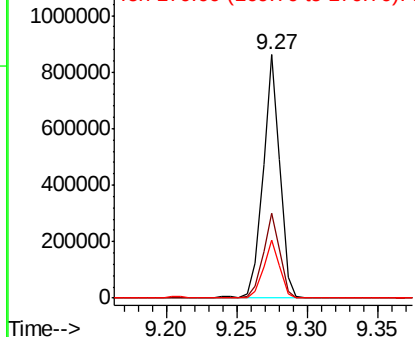


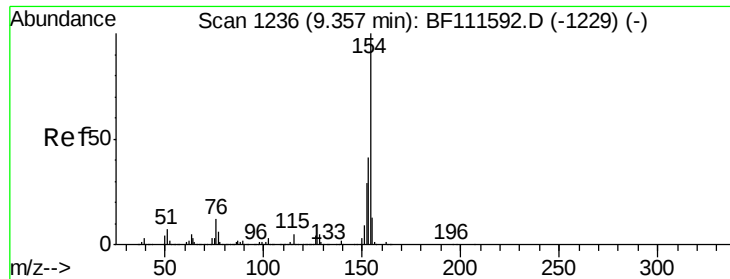
#45  
 2-Fluorobiphenyl  
 Concen: 60.755 ng  
 RT: 9.27 min Scan# 1222  
 Delta R.T. 0.02 min  
 Lab File: BF111763.D  
 Acq: 27 Dec 2018 15:37

Tgt Ion:172 Resp: 730870  
 Ion Ratio Lower Upper  
 172 100  
 171 34.8 33.0 49.4  
 170 23.7 22.3 33.5



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

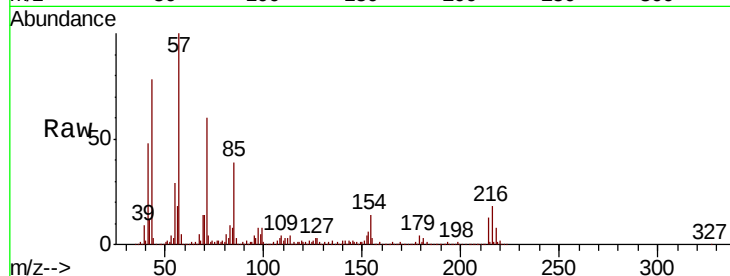




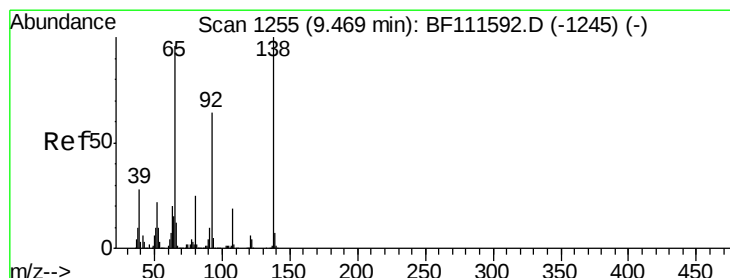
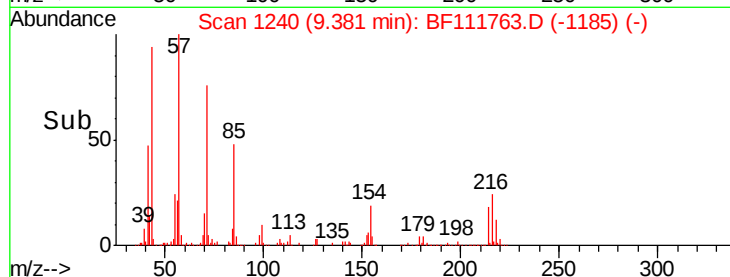
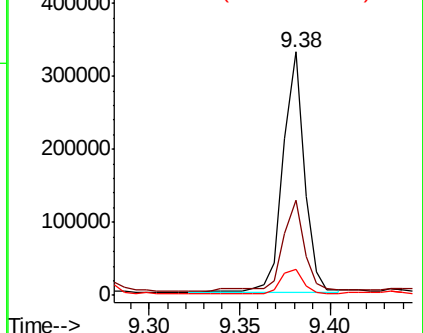
#46  
 1,1'-Biphenyl  
 Concen: 18.205 ng  
 RT: 9.38 min Scan# 1240  
 Delta R.T. 0.02 min  
 Lab File: BF111763.D  
 Acq: 27 Dec 2018 15:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P001-SS013-2430-01

Tgt Ion: 154 Resp: 269461  
 Ion Ratio Lower Upper  
 154 100  
 153 39.1 23.7 63.7  
 76 10.4 0.0 35.0

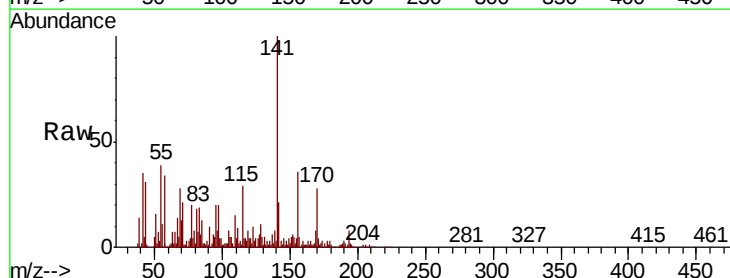


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF1

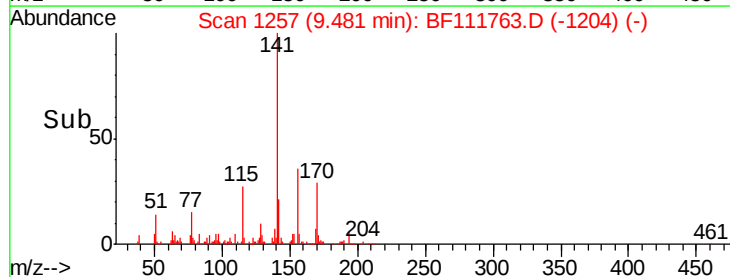
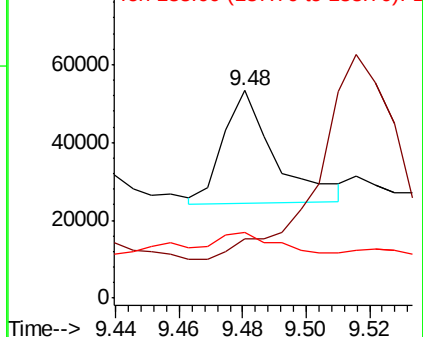


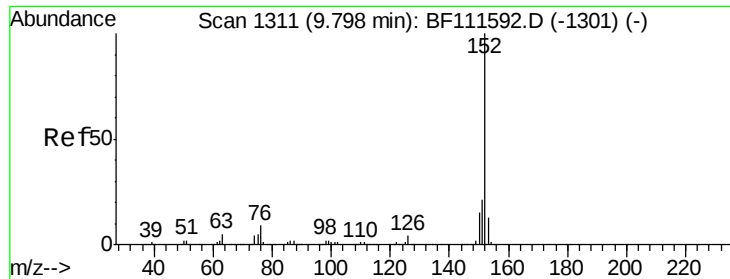
#48  
 2-Nitroaniline  
 Concen: 10.574 ng  
 RT: 9.48 min Scan# 1257  
 Delta R.T. 0.01 min  
 Lab File: BF111763.D  
 Acq: 27 Dec 2018 15:37

Tgt Ion: 65 Resp: 32258  
 Ion Ratio Lower Upper  
 65 100  
 92 28.7 53.5 80.3#  
 138 31.9 80.9 121.3#



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): E





#49

Acenaphthylene

Concen: 3.634 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.03 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

Instrument :

BNA\_F

ClientSampleId :

P001-SS013-2430-01

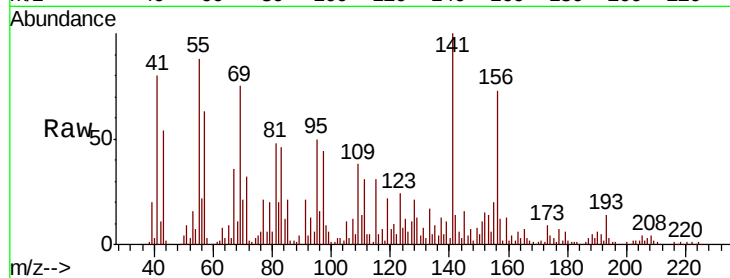
Tgt Ion:152 Resp: 62229

Ion Ratio Lower Upper

152 100

151 73.5 18.0 27.0#

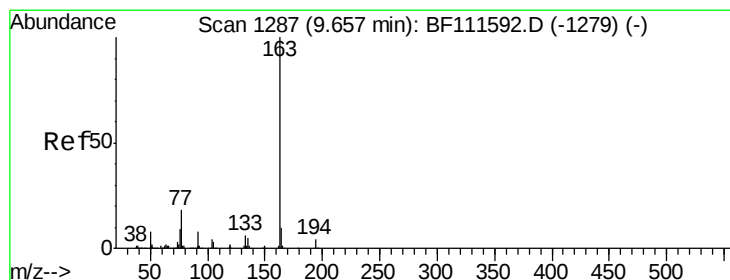
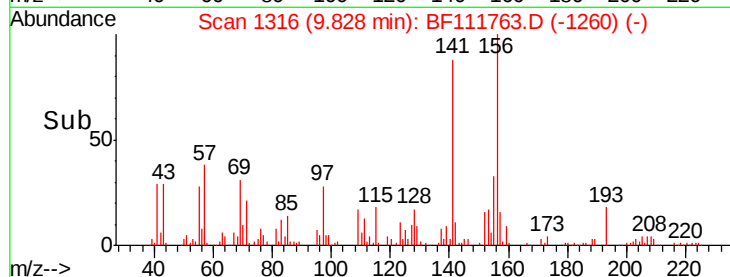
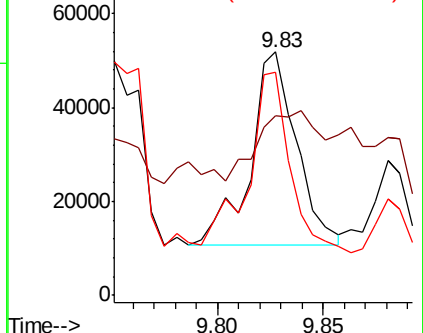
153 91.4 12.3 18.5#



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: 4.696 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

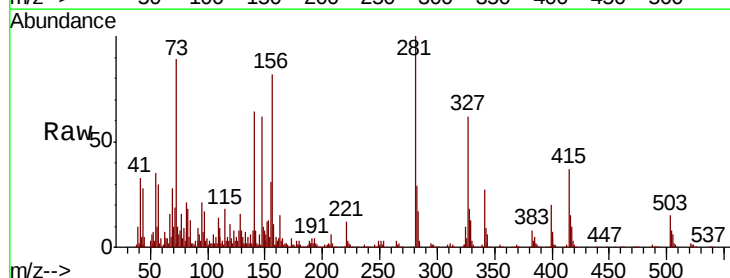
Tgt Ion:163 Resp: 60208

Ion Ratio Lower Upper

163 100

194 13.8 3.0 4.6#

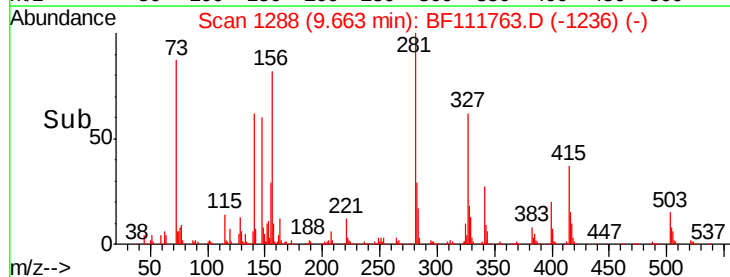
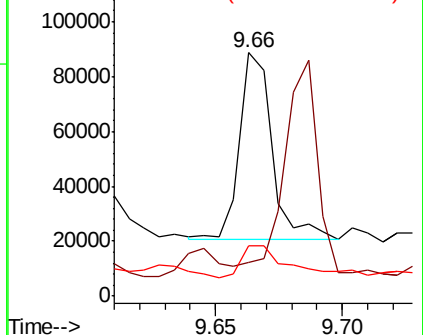
164 20.8 8.9 13.3#

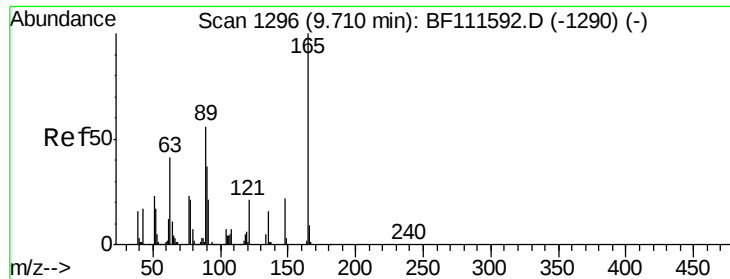


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 5.911 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.03 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

Instrument :

BNA\_F

ClientSampleId :

P001-SS013-2430-01

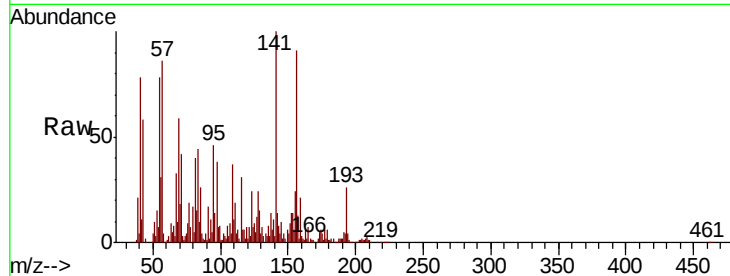
Tgt Ion:165 Resp: 15114

Ion Ratio Lower Upper

165 100

63 126.4 40.5 60.7#

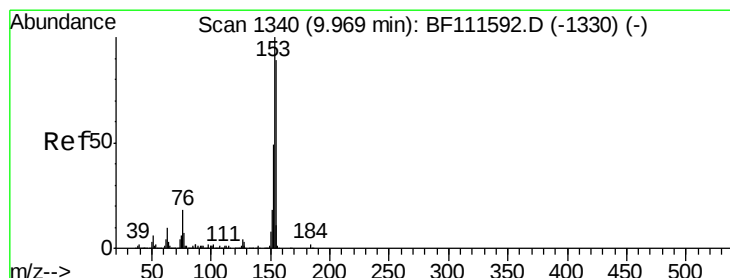
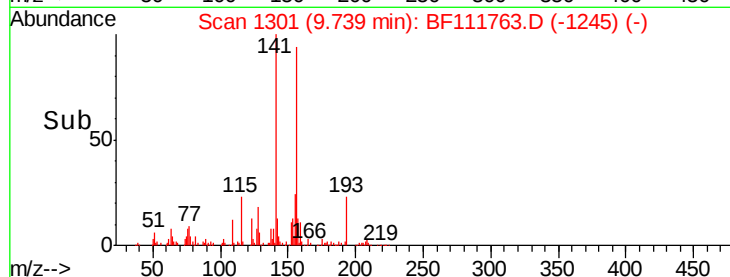
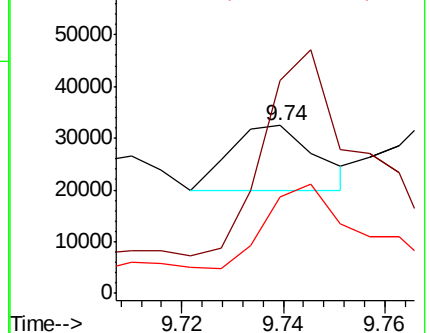
89 57.4 40.0 60.0



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



#52

Acenaphthene

Concen: 3.245 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.03 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

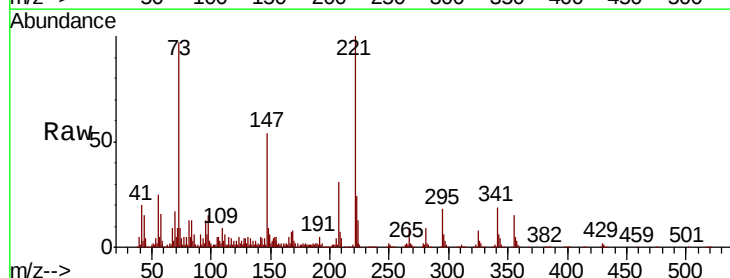
Tgt Ion:154 Resp: 34268

Ion Ratio Lower Upper

154 100

153 172.3 87.8 131.8#

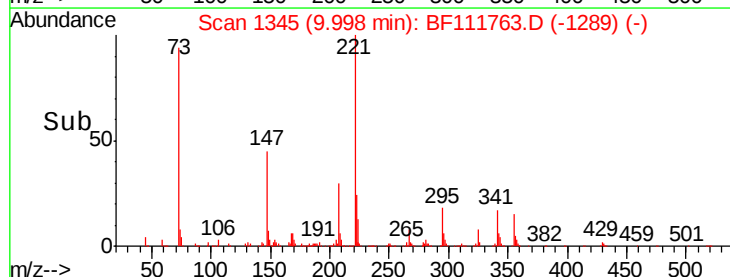
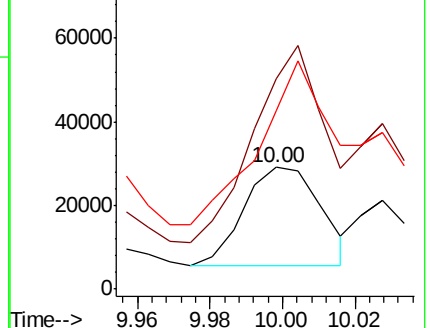
152 146.0 43.4 65.2#

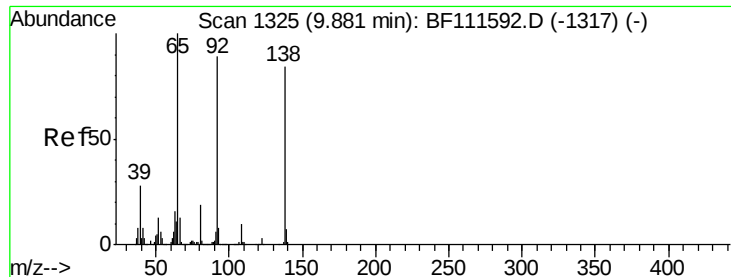


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

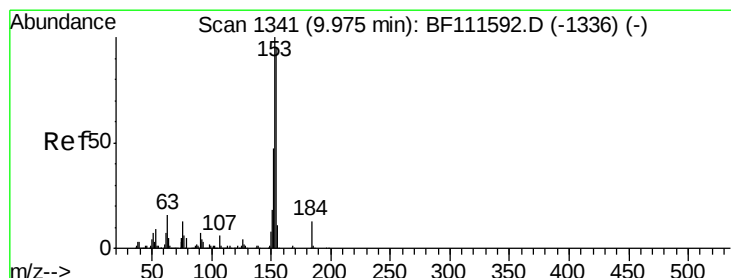
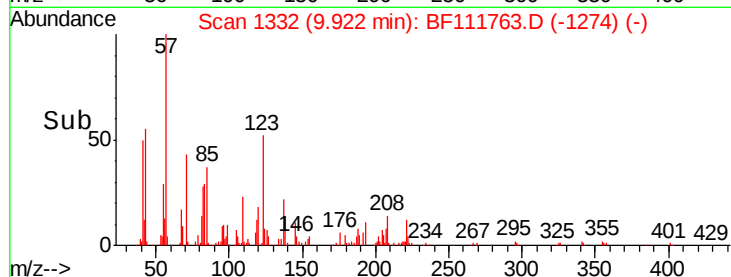
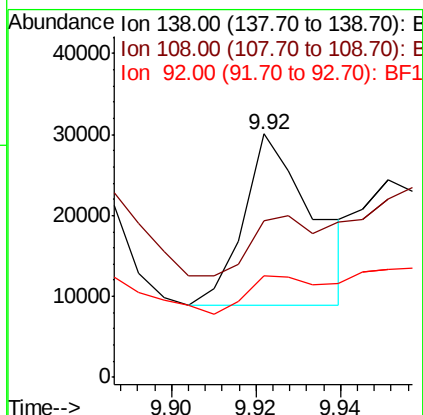
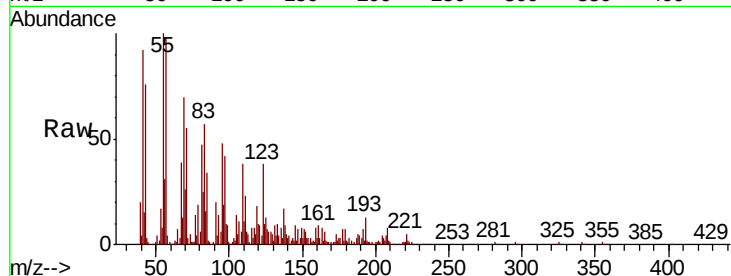




#53  
3-Nitroaniline  
Concen: 8.888 ng  
RT: 9.92 min Scan# 1332  
Delta R.T. 0.04 min  
Lab File: BF111763.D  
Acq: 27 Dec 2018 15:37

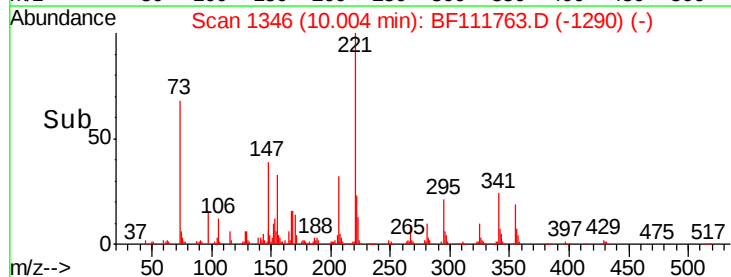
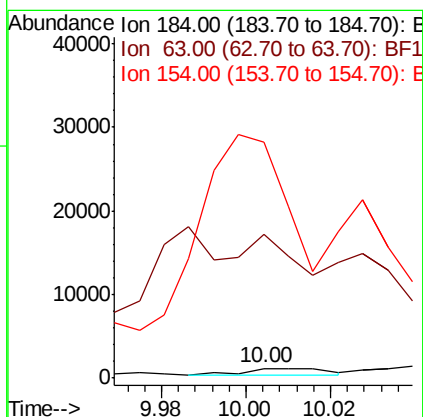
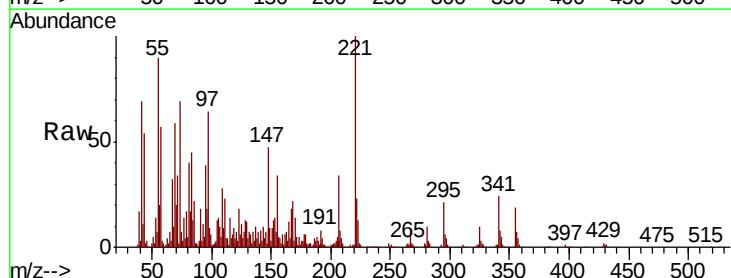
Instrument :  
BNA\_F  
ClientSampleId :  
P001-SS013-2430-01

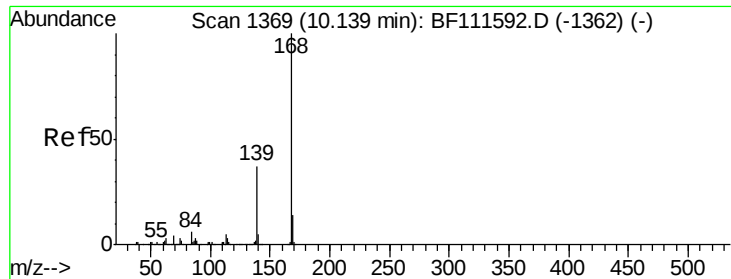
Tgt Ion:138 Resp: 24236  
Ion Ratio Lower Upper  
138 100  
108 64.3 8.2 12.4#  
92 41.8 93.4 140.2#



#54  
2,4-Dinitrophenol  
Concen: 8.415 ng  
RT: 10.00 min Scan# 1346  
Delta R.T. 0.03 min  
Lab File: BF111763.D  
Acq: 27 Dec 2018 15:37

Tgt Ion:184 Resp: 1000  
Ion Ratio Lower Upper  
184 100  
63 1467.8 62.3 93.5#  
154 2398.6 56.2 84.2#





#55

Dibenzofuran

Concen: 4.901 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.14 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

Instrument :

BNA\_F

ClientSampleId :

P001-SS013-2430-01

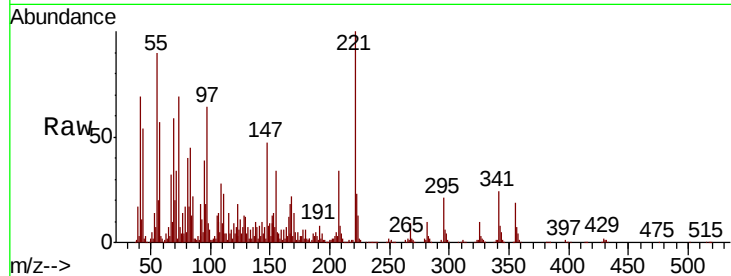
Tgt Ion:168 Resp: 78197

Ion Ratio Lower Upper

168 100

139 34.0 32.6 49.0

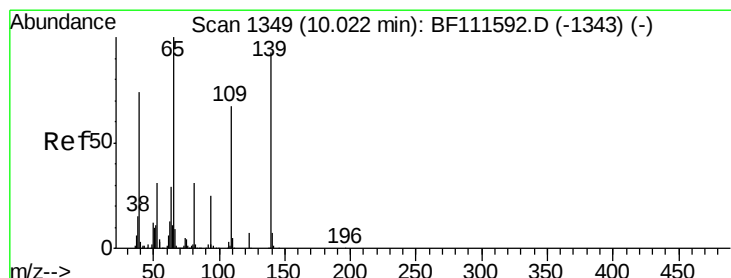
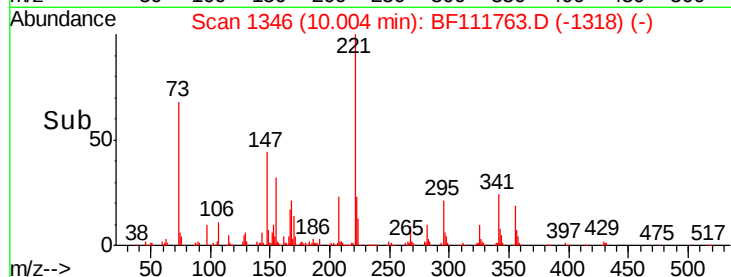
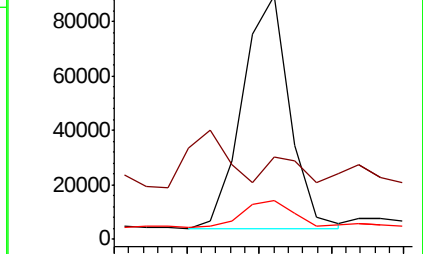
169 16.0 11.8 17.6



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: 36.342 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.05 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

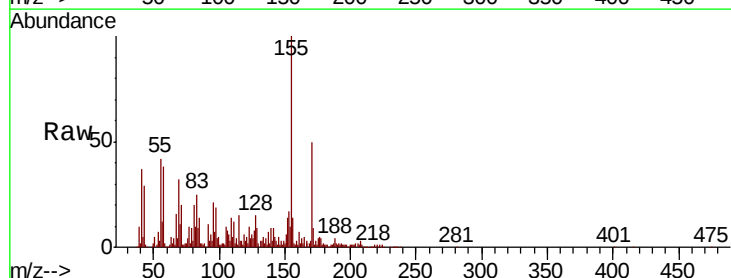
Tgt Ion:139 Resp: 75625

Ion Ratio Lower Upper

139 100

109 163.4 41.8 81.8#

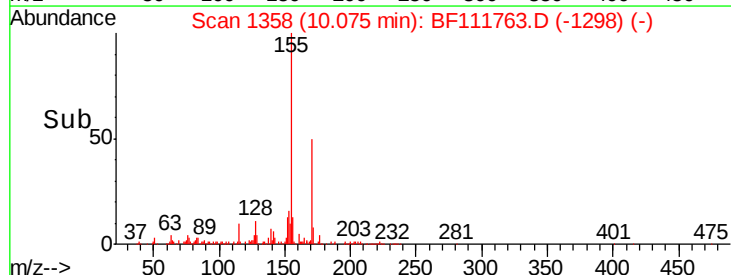
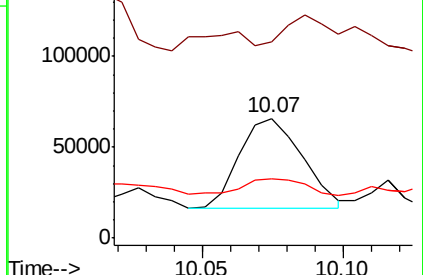
65 49.9 79.6 119.6#

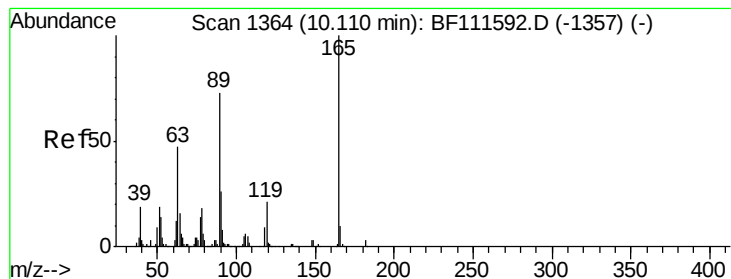


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 13.167 ng

RT: 10.17 min Scan# 1375

Delta R.T. 0.06 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

Instrument :

BNA\_F

ClientSampleId :

P001-SS013-2430-01

Tgt Ion:165 Resp: 40460

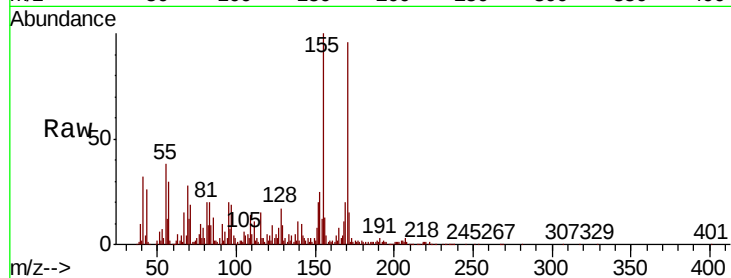
Ion Ratio Lower Upper

165 100

63 72.7 34.6 52.0#

89 34.5 56.2 84.4#

182 12.9 1.8 2.6#

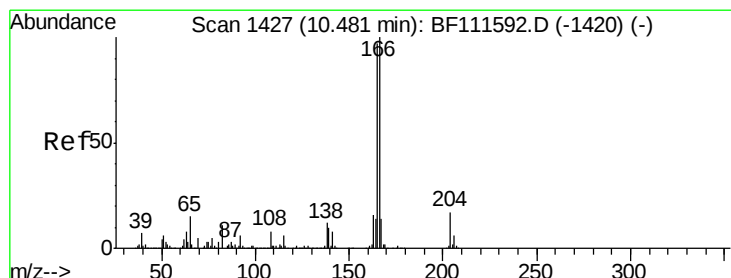
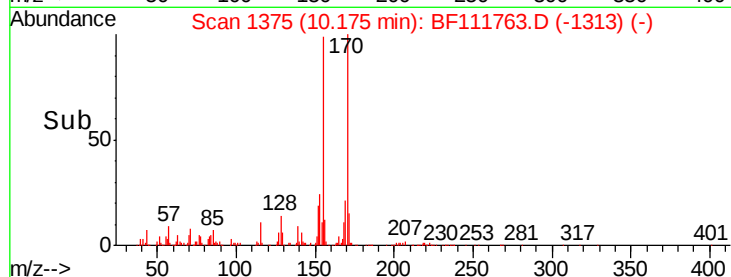
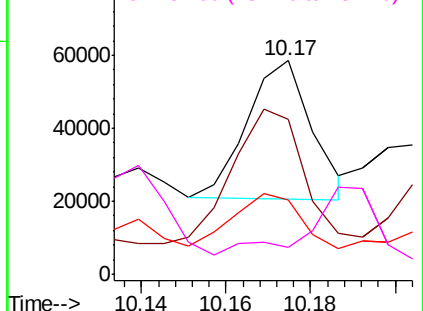


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.455 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.04 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

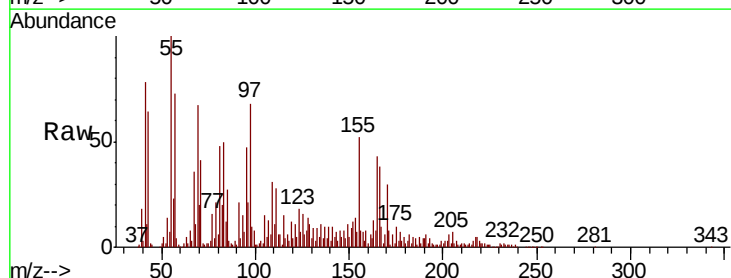
Tgt Ion:166 Resp: 131695

Ion Ratio Lower Upper

166 100

165 114.7 78.4 117.6

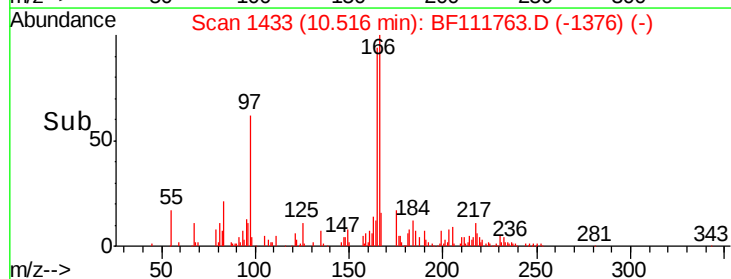
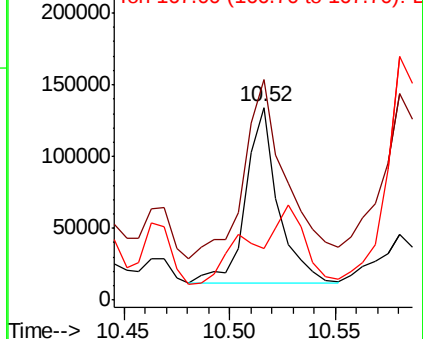
167 26.8 11.2 16.8#

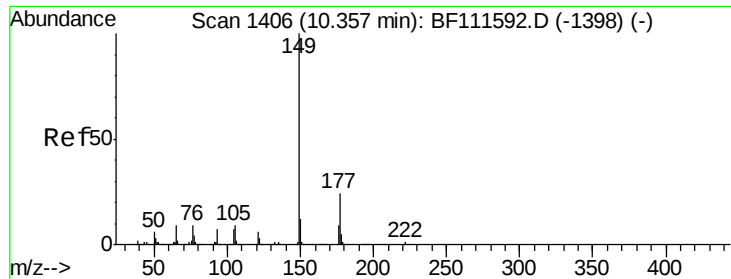


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#60

Diethylphthalate

Concen: 2.043 ng

RT: 10.37 min Scan# 1409

Delta R.T. 0.02 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

Instrument :

BNA\_F

ClientSampleId :

P001-SS013-2430-01

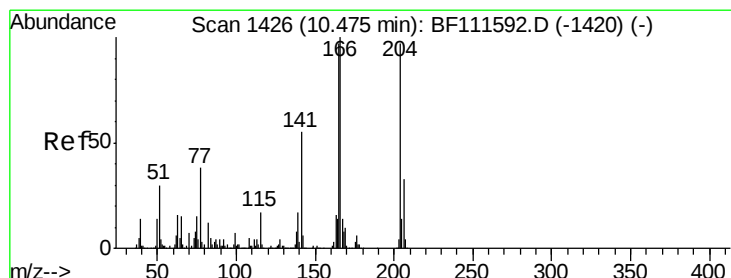
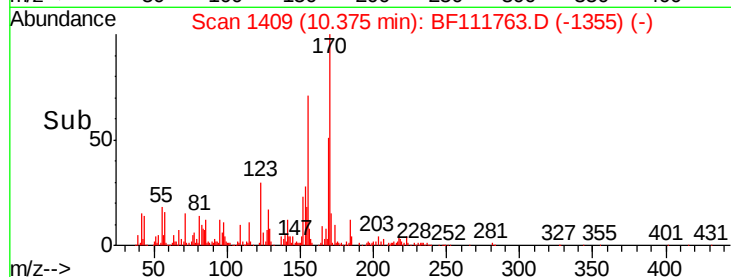
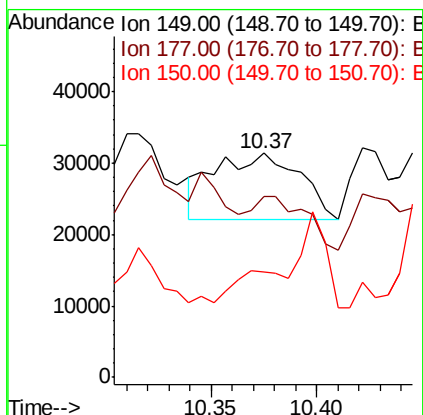
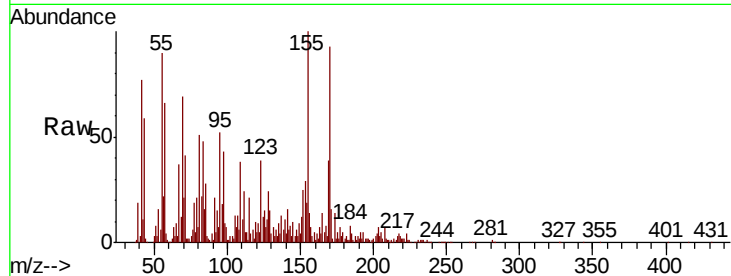
Tgt Ion:149 Resp: 25692

Ion Ratio Lower Upper

149 100

177 80.7 18.3 27.5#

150 47.1 10.6 15.8#



#61

4-Chlorophenyl-phenylether

Concen: 8.295 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.15 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

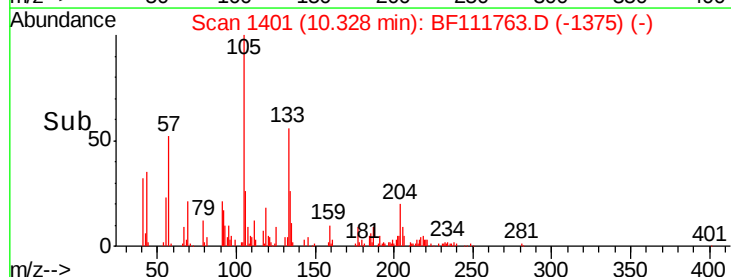
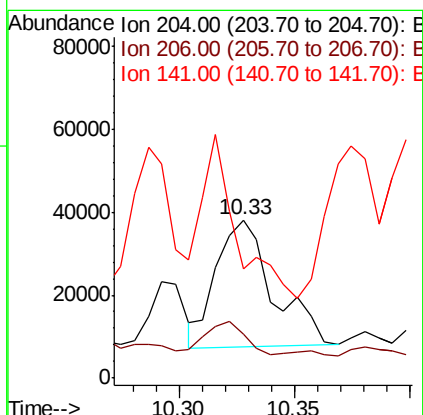
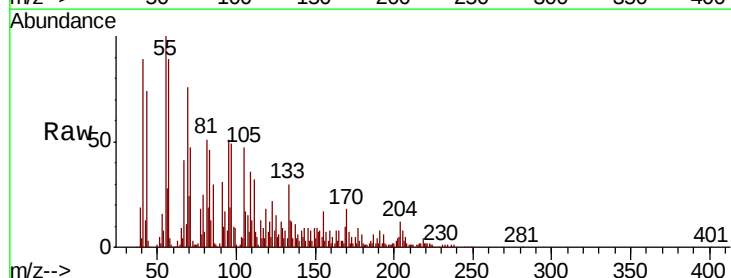
Tgt Ion:204 Resp: 52687

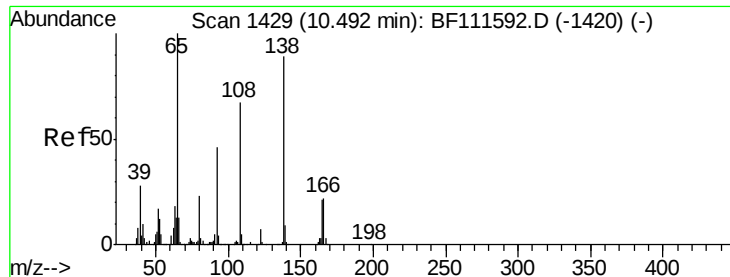
Ion Ratio Lower Upper

204 100

206 27.9 26.6 39.8

141 69.1 52.6 78.8





#62

4-Nitroaniline

Concen: 20.926 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.06 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

Instrument :

BNA\_F

ClientSampleId :

P001-SS013-2430-01

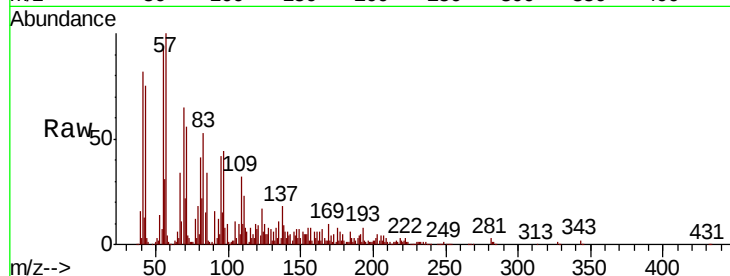
Tgt Ion:138 Resp: 55459

Ion Ratio Lower Upper

138 100

92 33.0 29.9 69.9

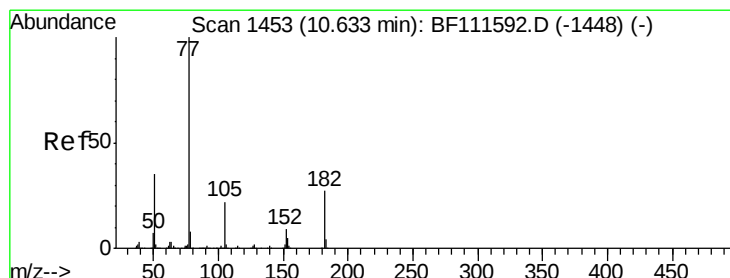
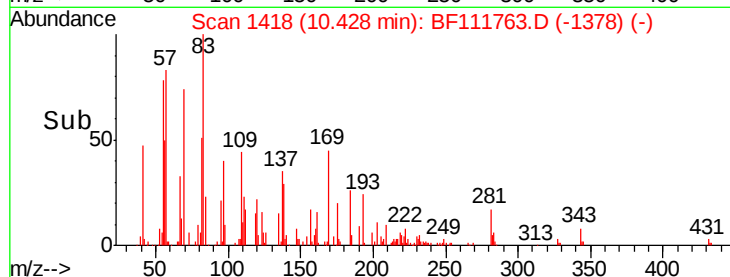
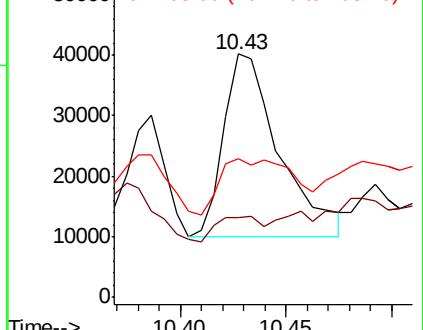
108 56.7 43.2 83.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 2.725 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.03 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

Tgt Ion: 77 Resp: 34411

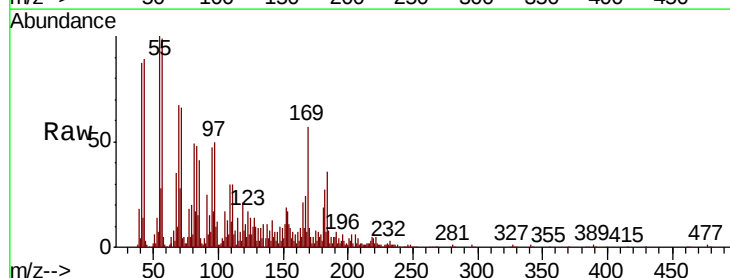
Ion Ratio Lower Upper

77 100

182 145.9 4.9 44.9#

105 93.2 6.0 46.0#

51 33.9 14.7 54.7

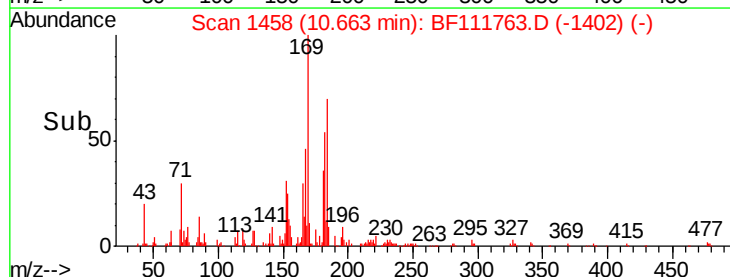
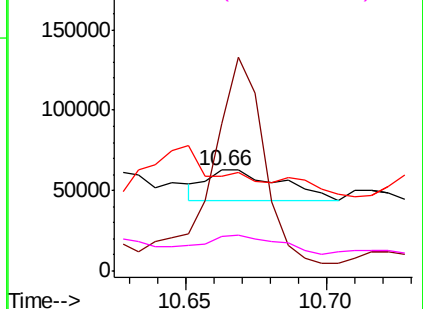


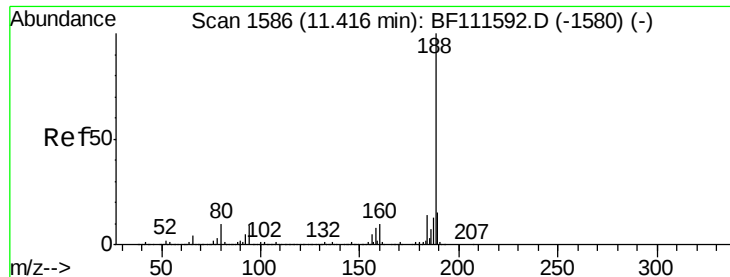
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.04 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

Instrument :

BNA\_F

ClientSampleId :

P001-SS013-2430-01

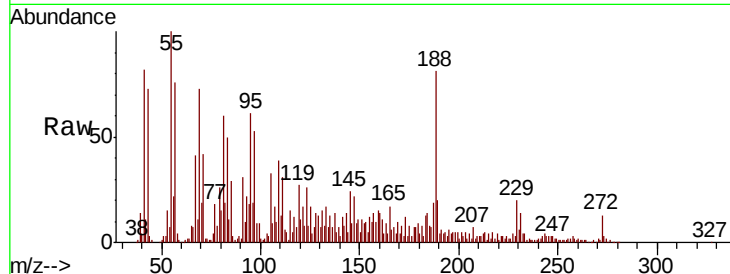
Tgt Ion:188 Resp: 269227

Ion Ratio Lower Upper

188 100

94 22.4 9.6 14.4#

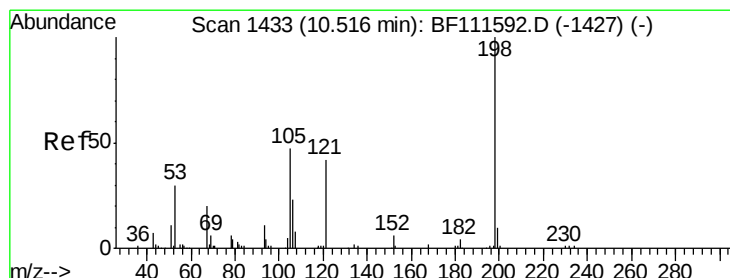
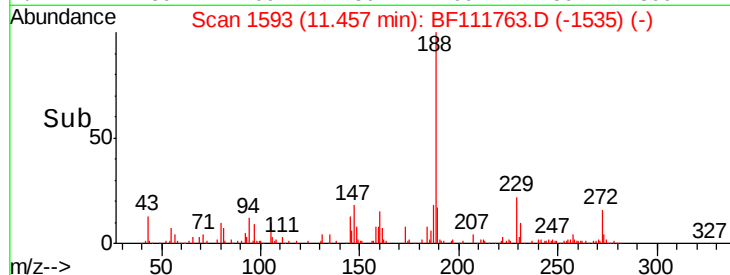
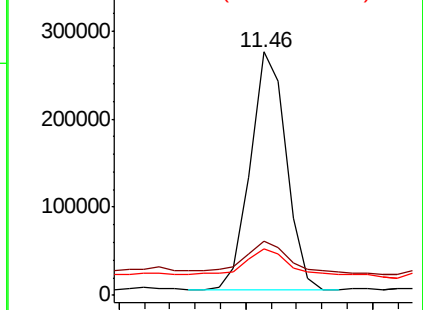
80 19.1 9.8 14.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 9.060 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.02 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

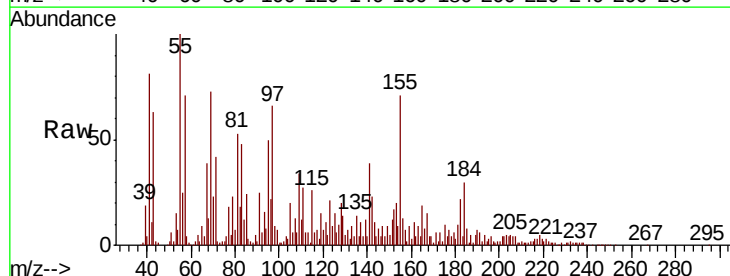
Tgt Ion:198 Resp: 3061

Ion Ratio Lower Upper

198 100

51 491.0 48.0 88.0#

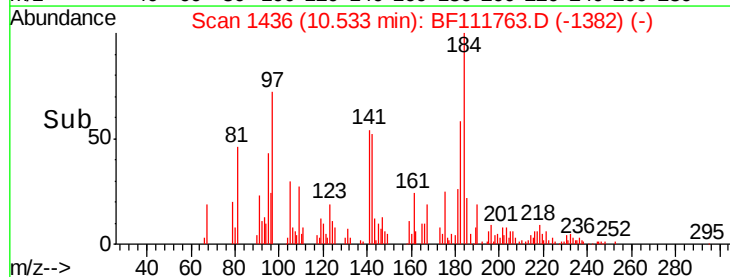
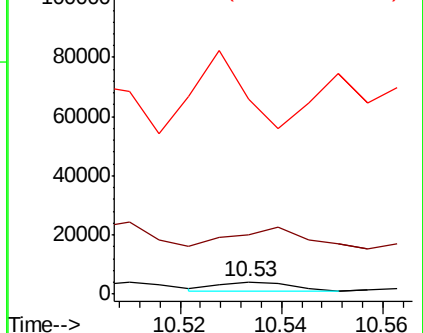
105 1603.5 34.0 74.0#

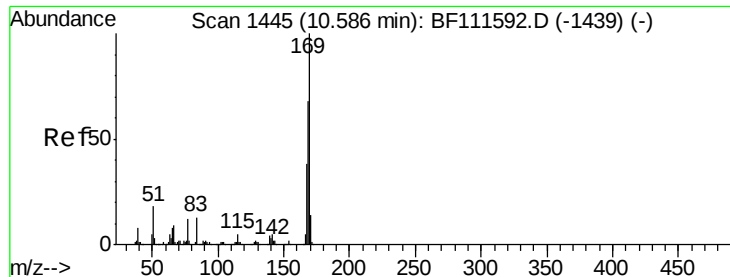


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#66

n-Nitrosodiphenylamine

Concen: 51.981 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.04 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

Instrument :

BNA\_F

ClientSampleId :

P001-SS013-2430-01

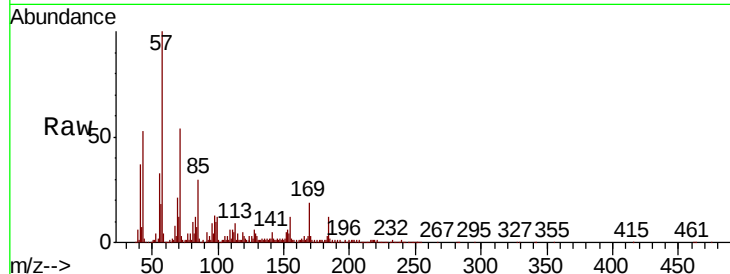
Tgt Ion:169 Resp: 469777

Ion Ratio Lower Upper

169 100

168 16.1 54.4 81.6#

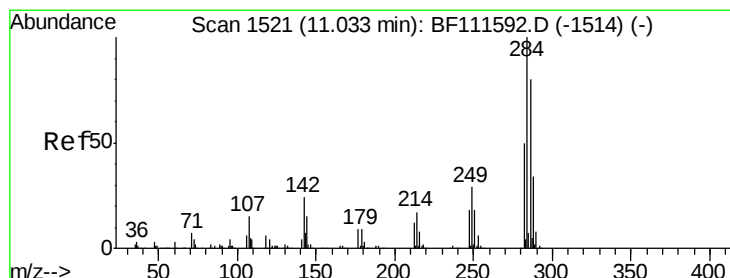
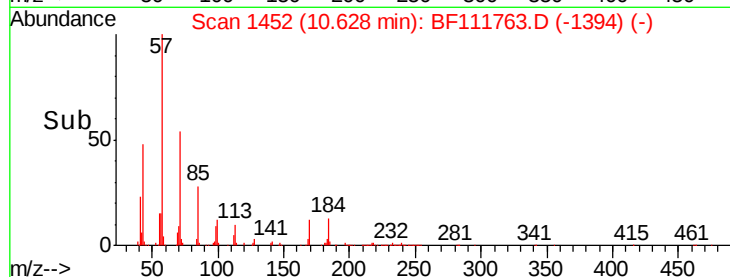
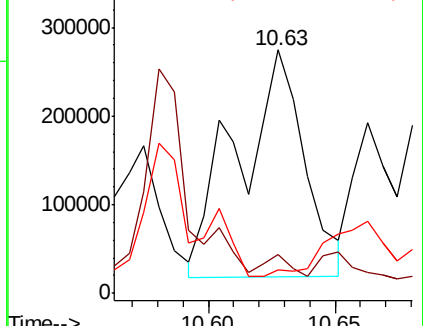
167 9.5 30.5 45.7#



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



#68

Hexachlorobenzene

Concen: 4.802 ng

RT: 11.08 min Scan# 1529

Delta R.T. 0.05 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

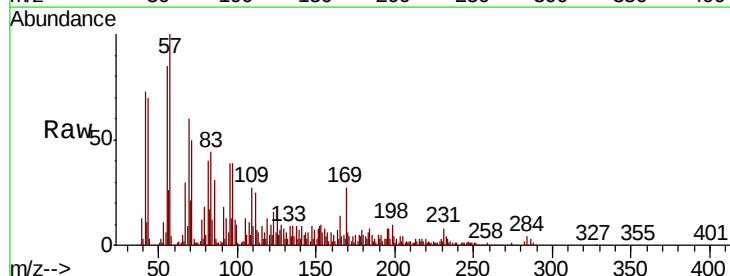
Tgt Ion:284 Resp: 17878

Ion Ratio Lower Upper

284 100

142 130.5 27.4 41.2#

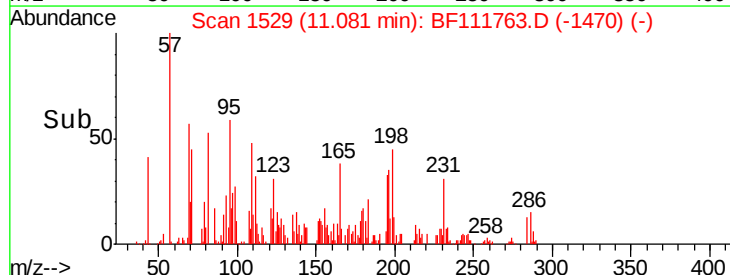
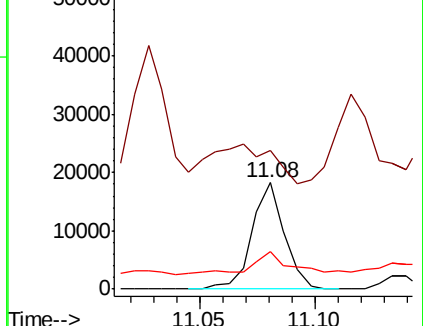
249 36.0 24.4 36.6

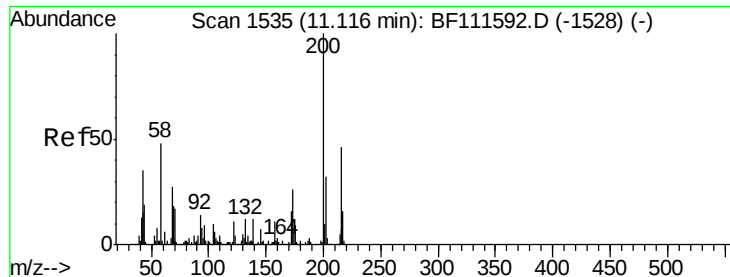


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

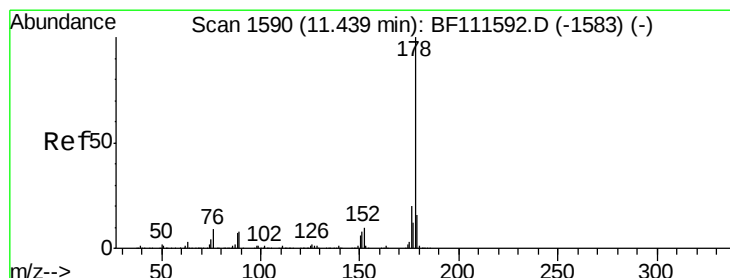
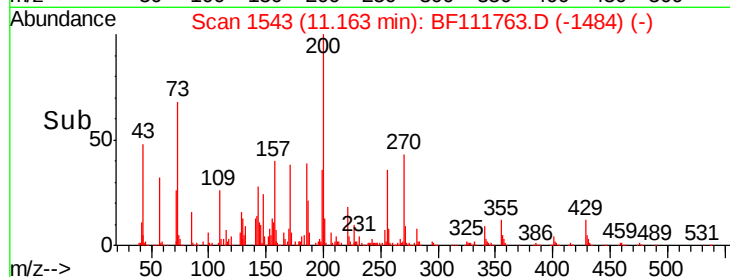
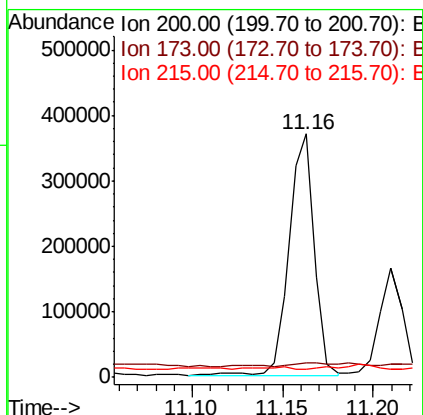
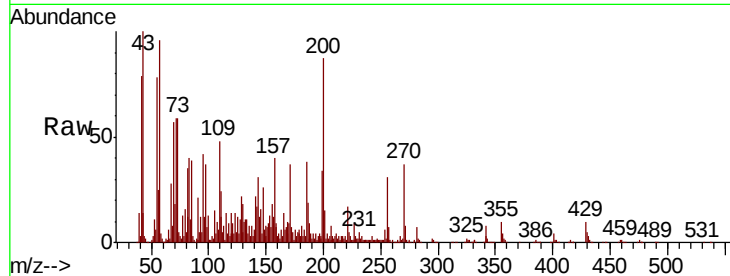




#69  
Atrazine  
Concen: 113.314 ng  
RT: 11.16 min Scan# 1543  
Delta R.T. 0.05 min  
Lab File: BF111763.D  
Acq: 27 Dec 2018 15:37

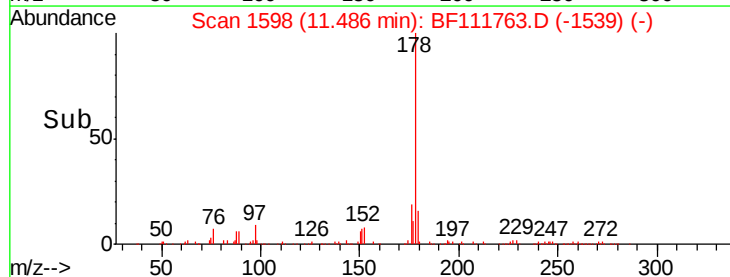
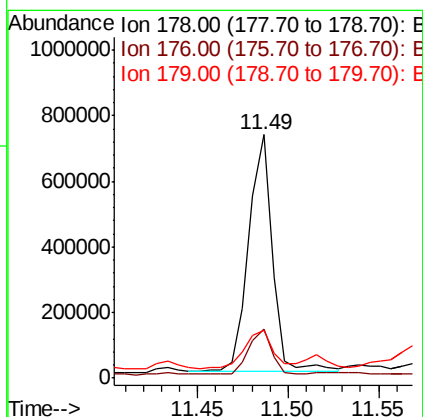
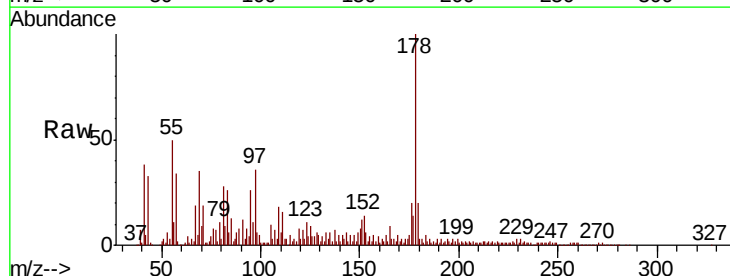
Instrument :  
BNA\_F  
ClientSampleId :  
P001-SS013-2430-01

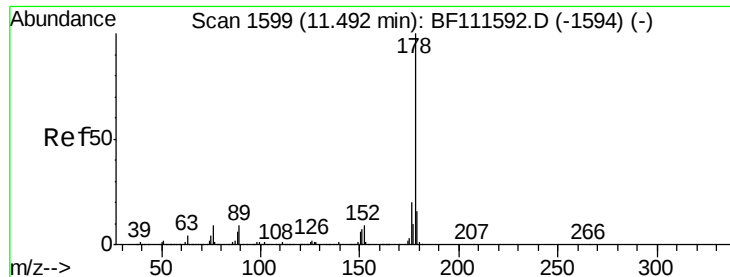
Tgt Ion:200 Resp: 355764  
Ion Ratio Lower Upper  
200 100  
173 5.8 10.1 50.1#  
215 3.4 26.9 66.9#



#71  
Phenanthrene  
Concen: 46.537 ng  
RT: 11.49 min Scan# 1598  
Delta R.T. 0.05 min  
Lab File: BF111763.D  
Acq: 27 Dec 2018 15:37

Tgt Ion:178 Resp: 664466  
Ion Ratio Lower Upper  
178 100  
176 20.3 18.1 27.1  
179 19.6 14.0 21.0





#72

Anthracene

Concen: 46.364 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

Instrument :

BNA\_F

ClientSampleId :

P001-SS013-2430-01

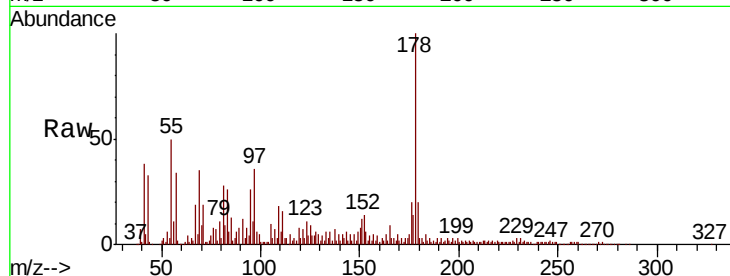
Tgt Ion:178 Resp: 664466

Ion Ratio Lower Upper

178 100

176 20.3 17.2 25.8

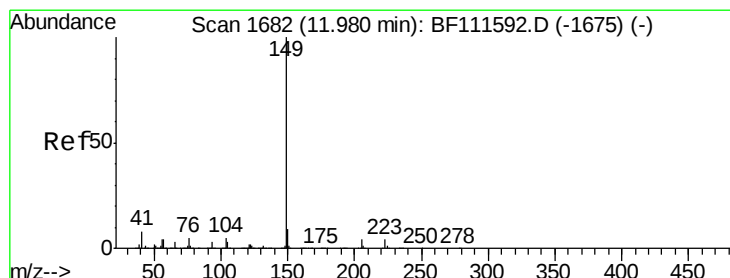
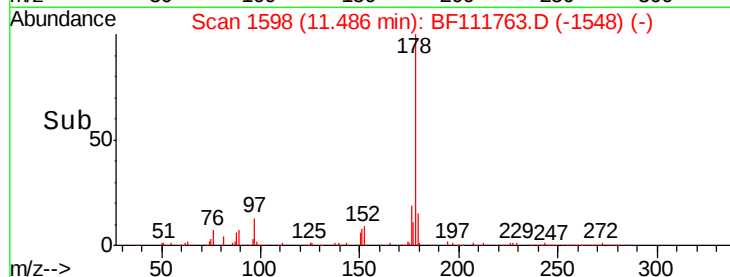
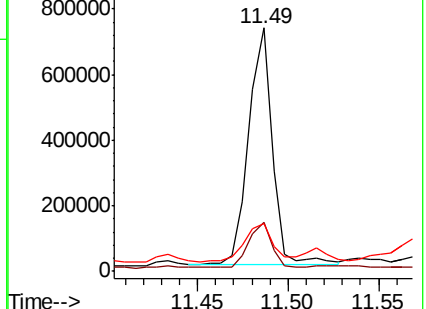
179 19.6 13.8 20.8



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



#74

Di-n-butylphthalate

Concen: 2.390 ng

RT: 12.01 min Scan# 1687

Delta R.T. 0.03 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

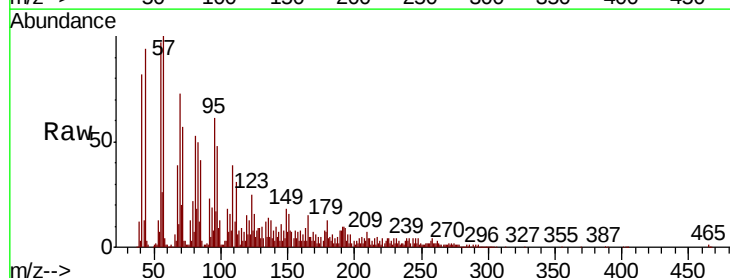
Tgt Ion:149 Resp: 37285

Ion Ratio Lower Upper

149 100

150 37.7 8.8 13.2#

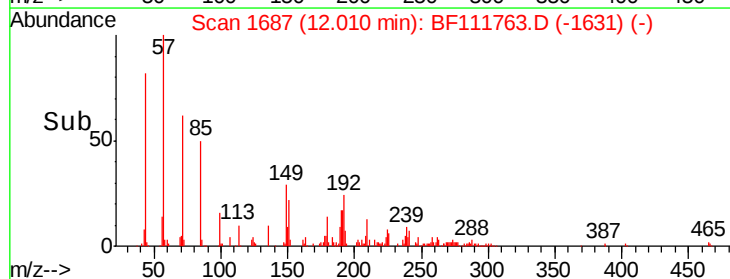
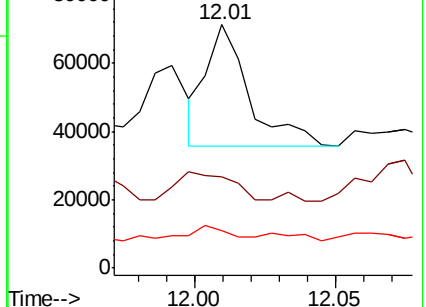
104 15.5 4.5 6.7#

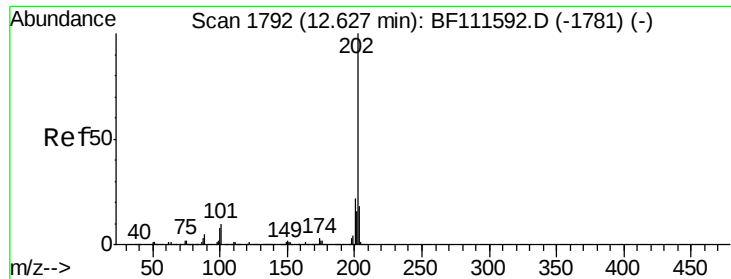


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 6.607 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.28 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

Instrument :

BNA\_F

ClientSampleId :

P001-SS013-2430-01

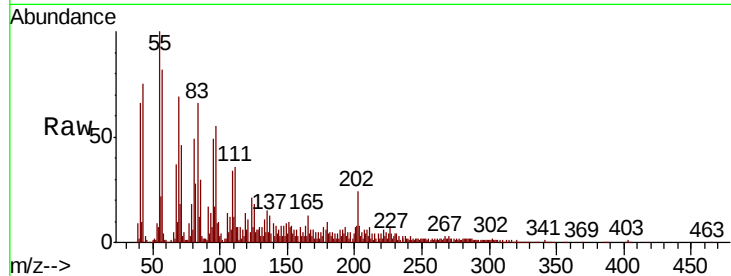
Tgt Ion:202 Resp: 95529

Ion Ratio Lower Upper

202 100

101 14.9 0.0 33.8

203 34.6 0.0 38.6

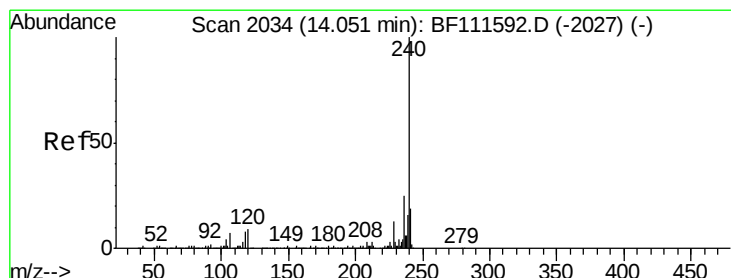
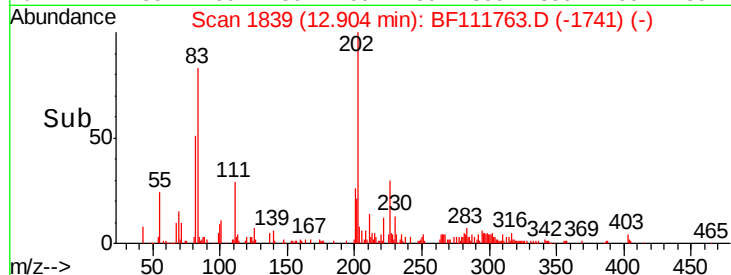
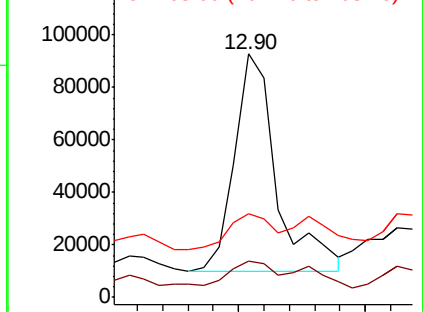


Abundance

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: 14.11 min Scan# 2044

Delta R.T. 0.06 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

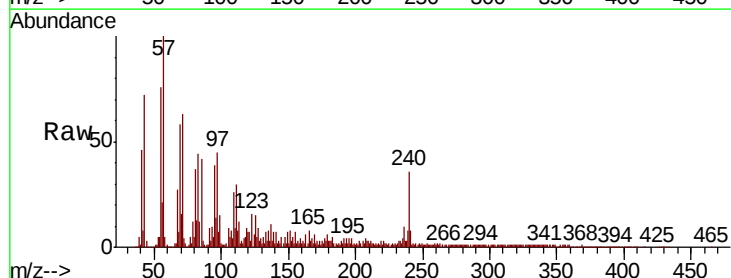
Tgt Ion:240 Resp: 201995

Ion Ratio Lower Upper

240 100

120 18.0 12.2 18.2

236 28.4 20.2 30.2

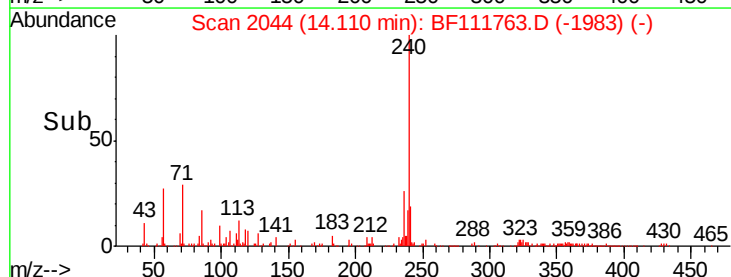
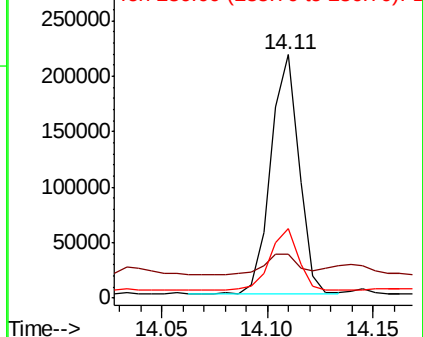


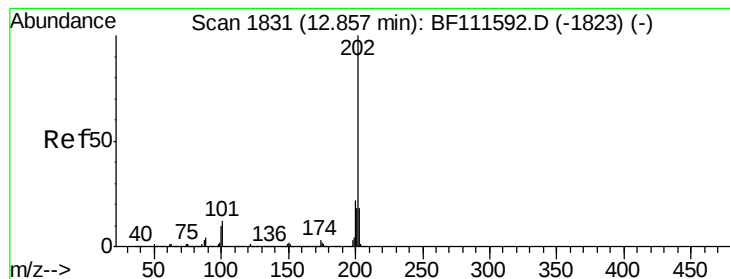
Abundance

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





#78

Pyrene

Concen: 6.833 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.05 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

Instrument :

BNA\_F

ClientSampleId :

P001-SS013-2430-01

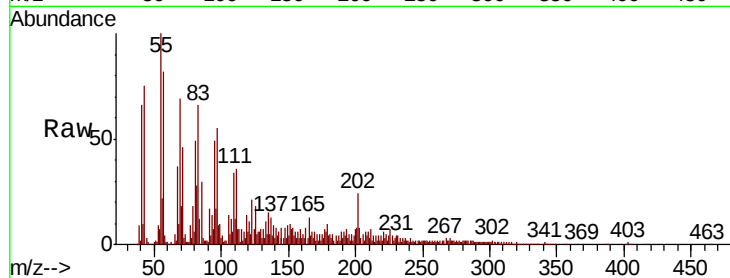
Tgt Ion:202 Resp: 97463

Ion Ratio Lower Upper

202 100

200 29.5 19.0 28.4#

203 34.6 15.2 22.8#

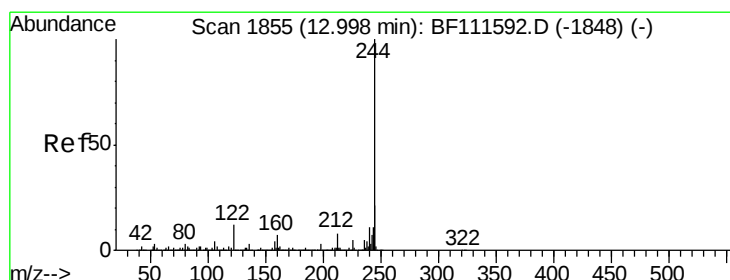
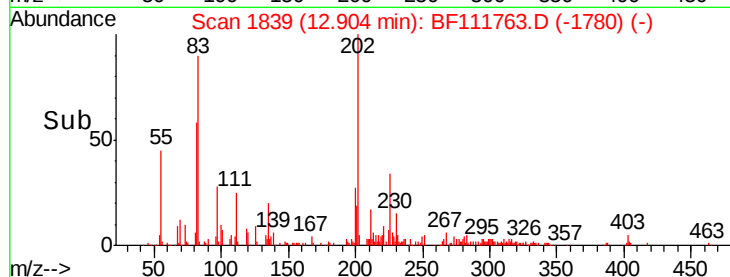
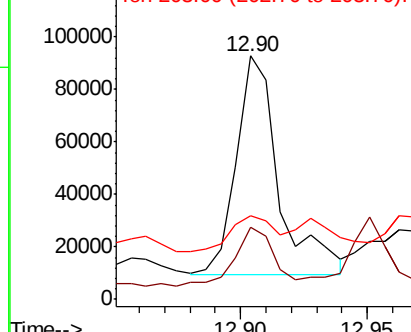


Abundance

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: 58.210 ng

RT: 13.05 min Scan# 1863

Delta R.T. 0.05 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

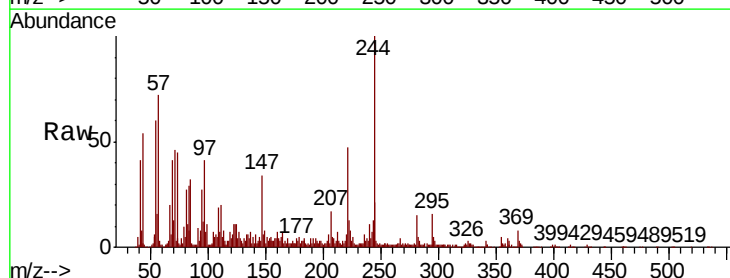
Tgt Ion:244 Resp: 620017

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

122 11.4 13.1 19.7#

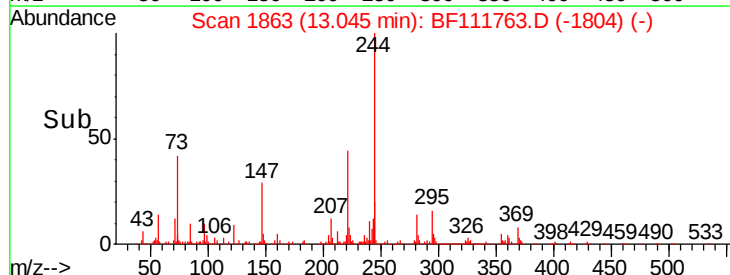
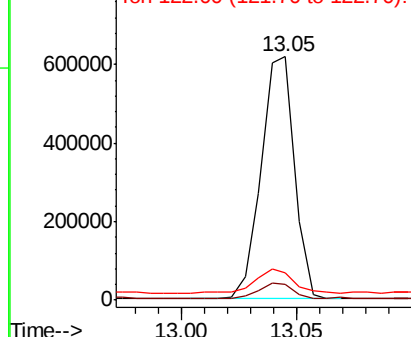


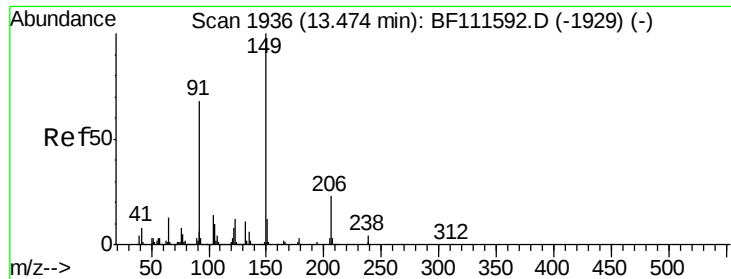
Abundance

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

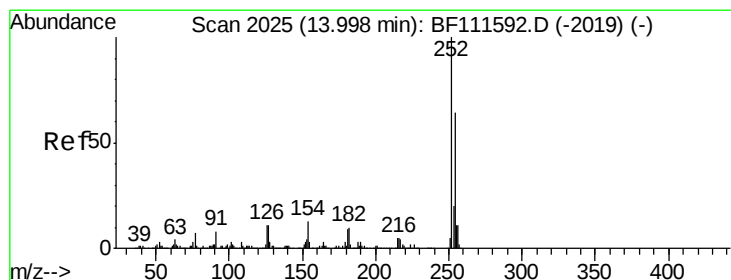
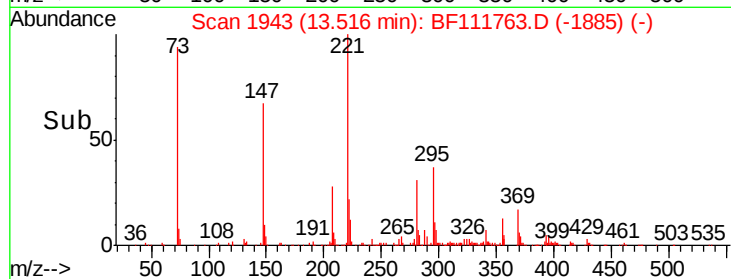
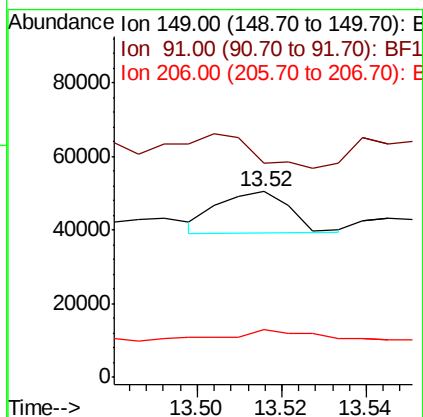
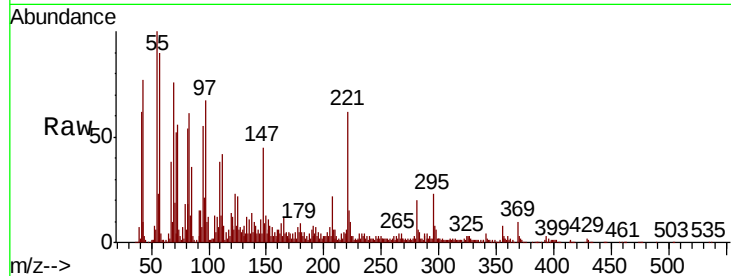




#80  
Butylbenzylphthalate  
Concen: 2.274 ng  
RT: 13.52 min Scan# 1943  
Delta R.T. 0.04 min  
Lab File: BF111763.D  
Acq: 27 Dec 2018 15:37

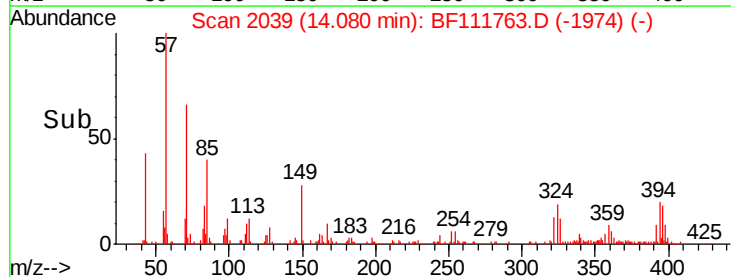
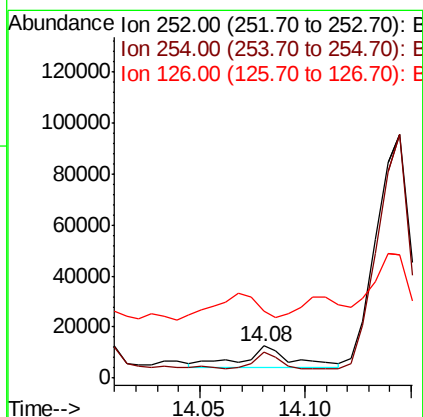
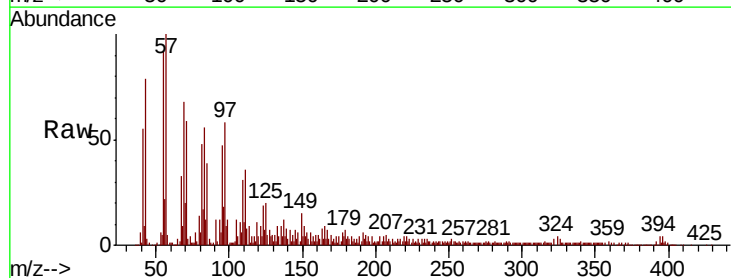
Instrument :  
BNA\_F  
ClientSampleId :  
P001-SS013-2430-01

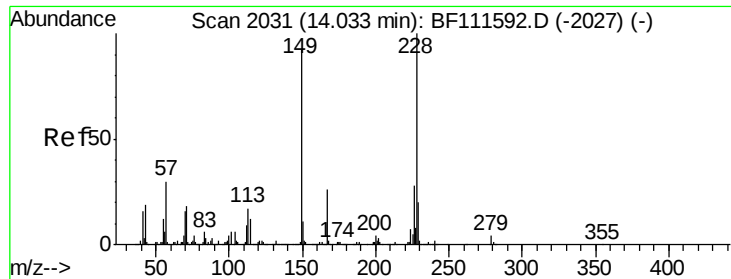
Tgt Ion:149 Resp: 13225  
Ion Ratio Lower Upper  
149 100  
91 115.1 63.8 95.6#  
206 25.6 15.1 22.7#



#82  
3,3'-Dichlorobenzidine  
Concen: 2.864 ng  
RT: 14.08 min Scan# 2039  
Delta R.T. 0.08 min  
Lab File: BF111763.D  
Acq: 27 Dec 2018 15:37

Tgt Ion:252 Resp: 13043  
Ion Ratio Lower Upper  
252 100  
254 83.6 52.7 79.1#  
126 211.5 11.1 16.7#





#84

Bis(2-ethylhexyl)phthalate

Concen: 6.831 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.04 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

Instrument :

BNA\_F

ClientSampleId :

P001-SS013-2430-01

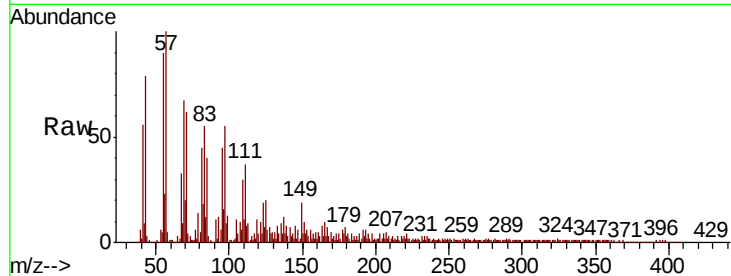
Tgt Ion:149 Resp: 50029

Ion Ratio Lower Upper

149 100

167 38.7 22.5 33.7#

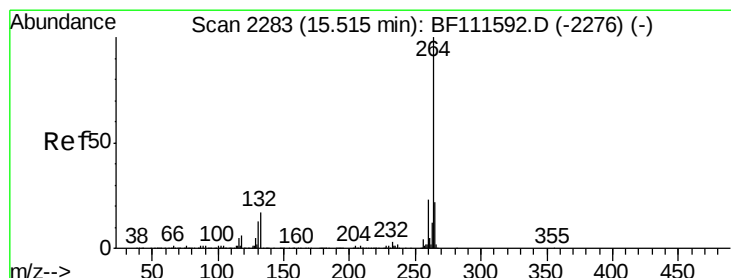
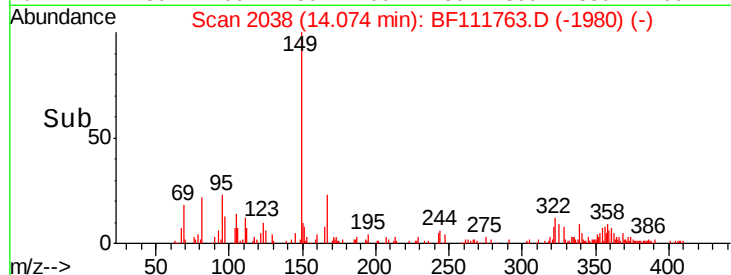
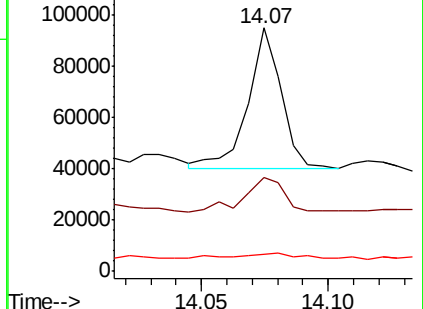
279 7.3 2.6 4.0#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.62 min Scan# 2301

Delta R.T. 0.11 min

Lab File: BF111763.D

Acq: 27 Dec 2018 15:37

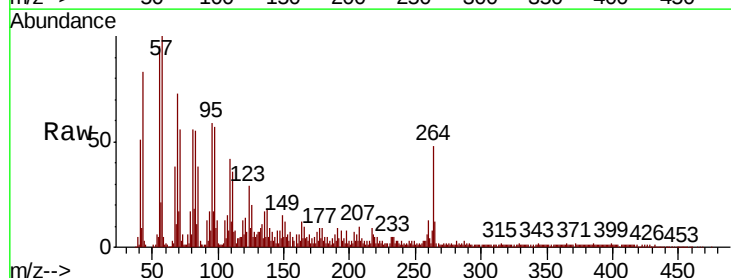
Tgt Ion:264 Resp: 169394

Ion Ratio Lower Upper

264 100

260 27.6 18.3 27.5#

265 25.7 17.7 26.5



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

