

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061918\
 Data File : BF106592.D
 Acq On : 19 Jun 2018 19:49
 Operator : JU/SJ
 Sample : J3567-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-S

Quant Time: Jun 20 00:56:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	101992	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	381041	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	166672	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	269963	20.00	ng	0.00
75) Chrysene-d12	14.14	240	239484	20.00	ng	-0.01
86) Perylene-d12	15.68	264	272030	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	569550	94.56	ng	0.00
7) Phenol-d6	6.60	99	712532	94.73	ng	0.00
23) Nitrobenzene-d5	7.52	82	468781	68.37	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	173521	89.82	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	790646	79.31	ng	0.00
78) Terphenyl-d14	13.08	244	610557	61.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	128	0.041	ng	# 1
6) Aniline	6.74	93	836	0.082	ng	# 1
9) Benzaldehyde	6.60	77	873	0.224	ng	# 1
10) Phenol	6.61	94	4404	0.513	ng	# 70
11) bis(2-Chloroethyl)ether	6.74	93	836	0.118	ng	# 1
15) Benzyl Alcohol	7.11	79	7700	1.275	ng	# 45
19) n-Nitroso-di-n-propylamine	7.52	70	63073	12.721	ng	# 74
24) Nitrobenzene	7.52	77	1420	0.203	ng	# 37
25) Isophorone	7.52	82	468776	38.799	ng	# 64
45) 1,1'-Biphenyl	9.42	154	1292	0.097	ng	# 91
46) 2-Chloronaphthalene	9.71	162	707	0.068	ng	# 1
47) 2-Nitroaniline	9.71	65	1032	0.294	ng	# 1
49) Dimethylphthalate	9.71	163	106688	8.535	ng	# 99
50) 2,6-Dinitrotoluene	9.71	165	1054	0.398	ng	# 2
51) Acenaphthene	10.00	154	592	0.057	ng	# 4
56) 2,4-Dinitrotoluene	10.00	165	21062	6.096	ng	# 23
57) Fluorene	10.80	166	6637	0.588	ng	# 90
59) Diethylphthalate	10.41	149	669	0.055	ng	# 61
62) Azobenzene	10.80	77	732	0.062	ng	# 36
64) 4,6-Dinitro-2-methylphenol	10.80	198	271	0.162	ng	# 1
65) n-Nitrosodiphenylamine	10.80	169	4776	0.526	ng	# 43
66) 4-Bromophenyl-phenylether	10.80	248	11158	3.463	ng	# 1
70) Phenanthrene	11.51	178	361	0.028	ng	# 59
71) Anthracene	11.51	178	361	0.027	ng	# 60
73) Di-n-butylphthalate	12.04	149	1602	0.109	ng	# 78
74) Fluoranthene	12.71	202	296	0.021	ng	# 62
76) Benzdine	13.08	184	7335	1.075	ng	# 90
77) Pyrene	12.94	202	348	0.022	ng	# 57
80) Benzo(a)anthracene	14.14	228	941	0.064	ng	# 38
82) Chrysene	14.17	228	272	0.020	ng	# 48
83) Bis(2-ethylhexyl)phthalate	14.10	149	1084	0.131	ng	# 93
84) Di-n-octyl phthalate	14.71	149	220	0.016	ng	# 1
87) Benzo(b)fluoranthene	15.22	252	238	0.014	ng	# 60
88) Benzo(k)fluoranthene	15.22	252	238	0.015	ng	# 59

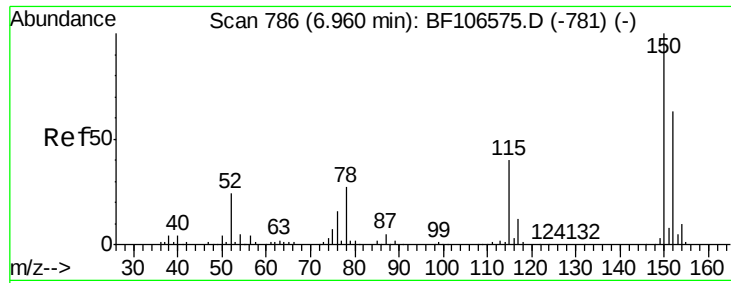
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061918\
Data File : BF106592.D
Acq On : 19 Jun 2018 19:49
Operator : JU/SJ
Sample : J3567-11
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QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(a)pyrene	15.68	252	981	0.065	ng #	27

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

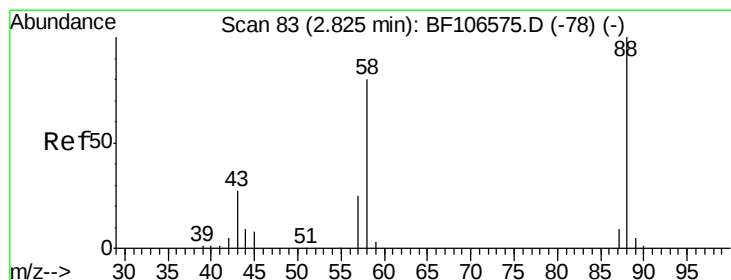
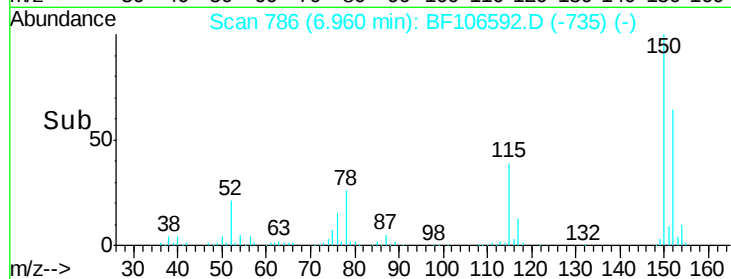
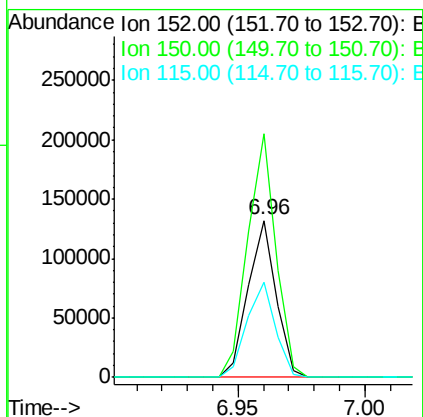
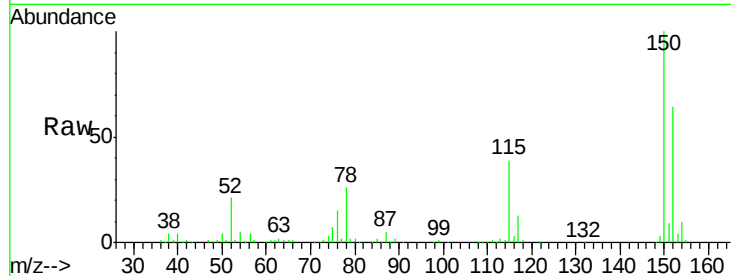


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106592.D
Acq: 19 Jun 2018 19:49

Instrument :
BNA_F
ClientSampleId :
TP-11-S

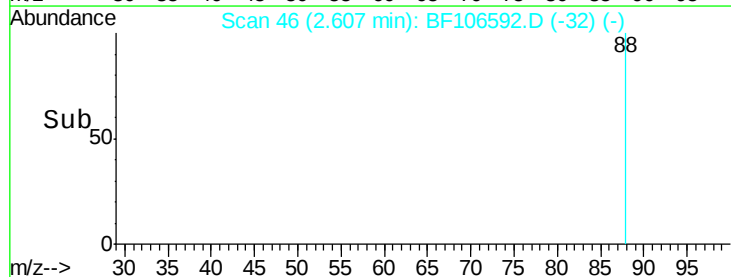
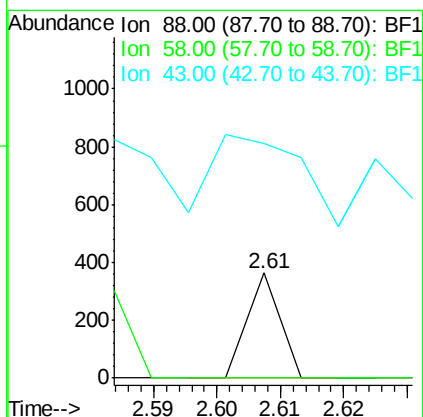
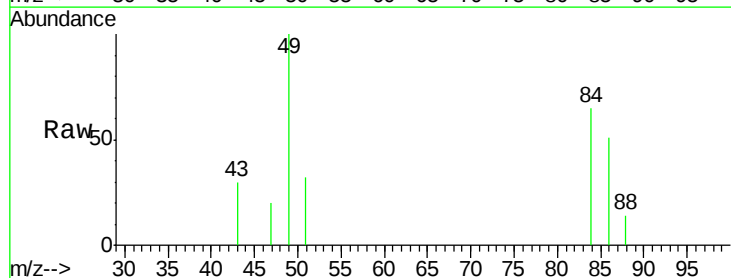
Tgt Ion: 152 Resp: 101992
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 61.1 50.1 75.1

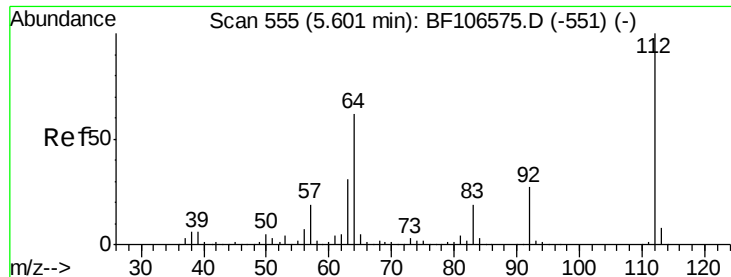


#2

1,4-Dioxane
Concen: 0.041 ng
RT: 2.61 min Scan# 46
Delta R.T. -0.22 min
Lab File: BF106592.D
Acq: 19 Jun 2018 19:49

Tgt Ion: 88 Resp: 128
Ion Ratio Lower Upper
88 100
58 0.0 62.6 93.8#
43 233.6 24.6 37.0#





#5

2-Fluorophenol

Concen: 94.559 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF106592.D

Acq: 19 Jun 2018 19:49

Instrument :

BNA_F

ClientSampleId :

TP-11-S

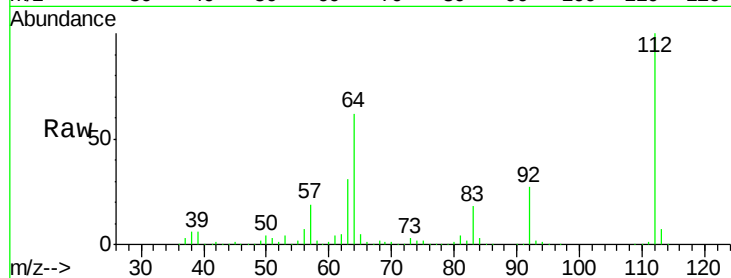
Tgt Ion: 112 Resp: 569550

Ion Ratio Lower Upper

112 100

64 61.7 47.9 71.9

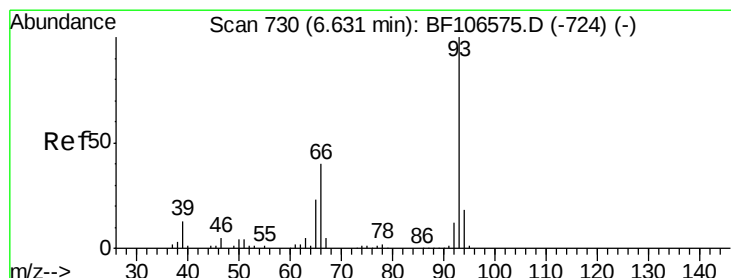
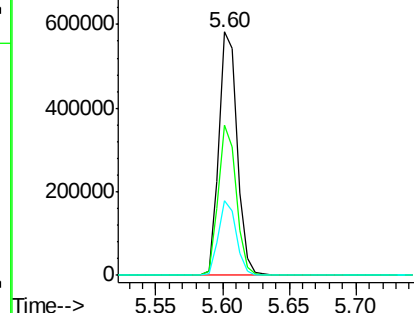
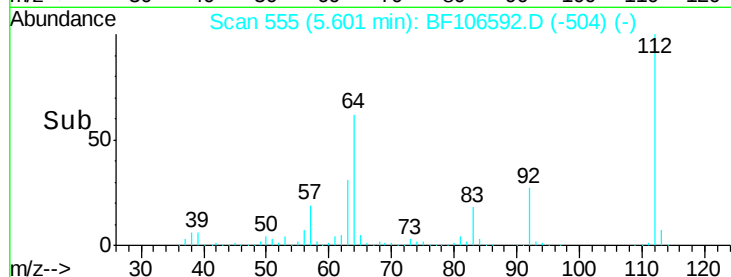
63 30.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.082 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.11 min

Lab File: BF106592.D

Acq: 19 Jun 2018 19:49

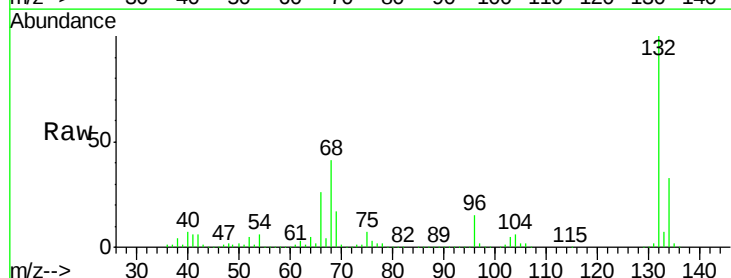
Tgt Ion: 93 Resp: 836

Ion Ratio Lower Upper

93 100

66 15053.1 32.2 48.2#

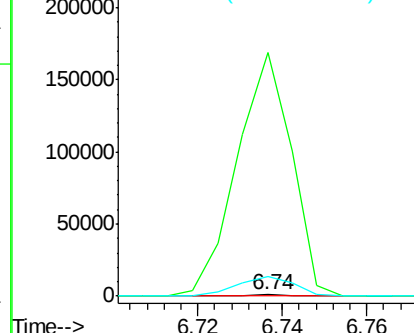
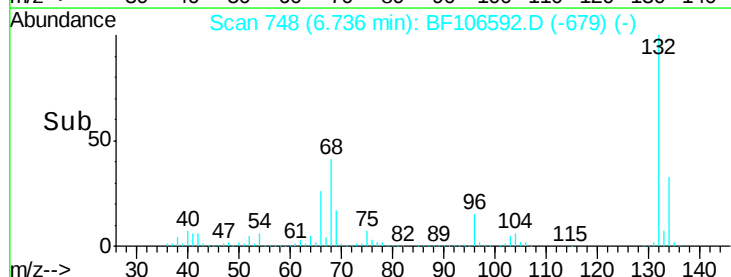
65 1178.1 16.4 24.6#

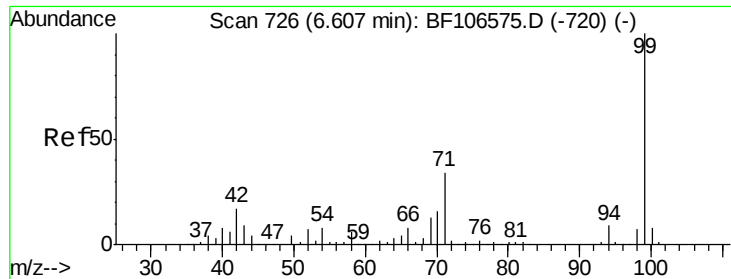


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 94.729 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106592.D

Acq: 19 Jun 2018 19:49

Instrument :

BNA_F

ClientSampleId :

TP-11-S

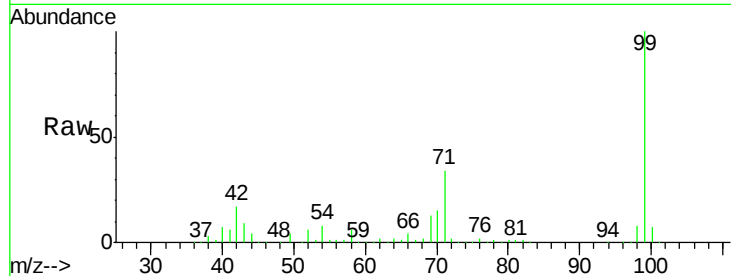
Tgt Ion: 99 Resp: 712532

Ion Ratio Lower Upper

99 100

42 17.2 14.5 21.7

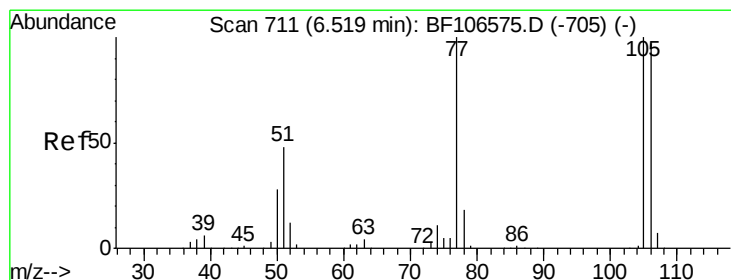
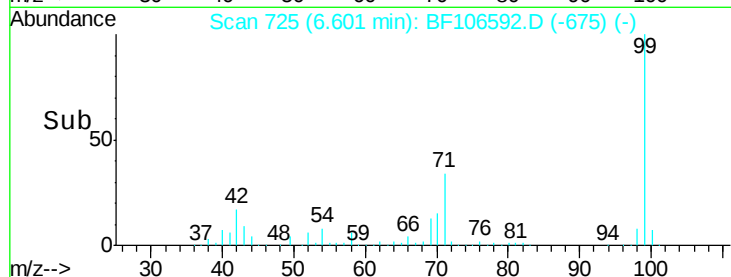
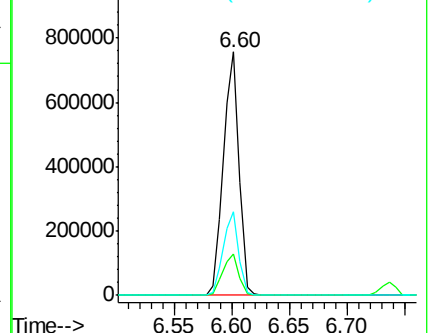
71 34.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 0.224 ng

RT: 6.60 min Scan# 725

Delta R.T. 0.08 min

Lab File: BF106592.D

Acq: 19 Jun 2018 19:49

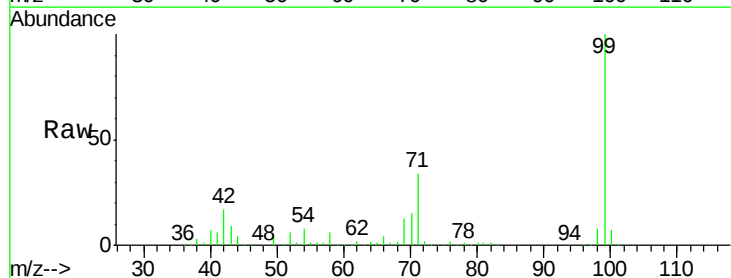
Tgt Ion: 77 Resp: 873

Ion Ratio Lower Upper

77 100

105 0.0 81.1 121.1#

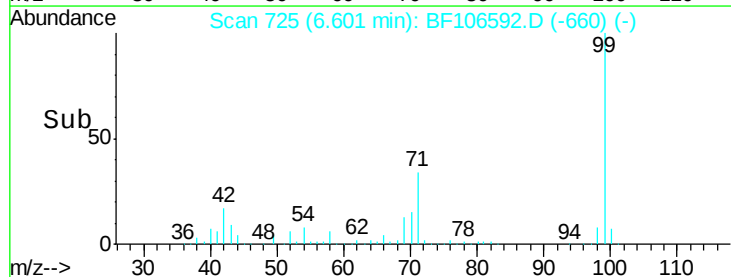
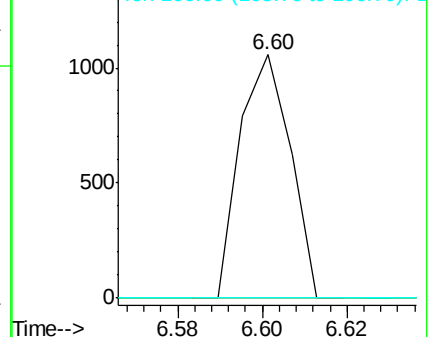
106 0.0 74.5 114.5#

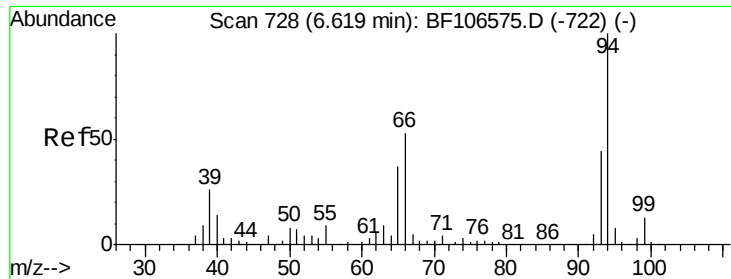


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 0.513 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106592.D

Acq: 19 Jun 2018 19:49

Instrument :

BNA_F

ClientSampleId :

TP-11-S

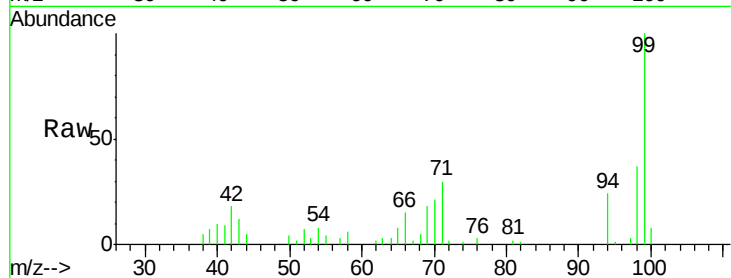
Tgt Ion: 94 Resp: 4404

Ion Ratio Lower Upper

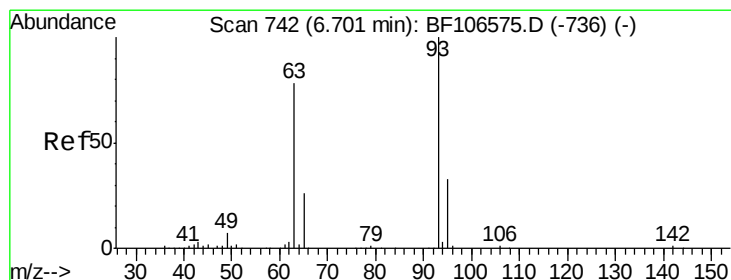
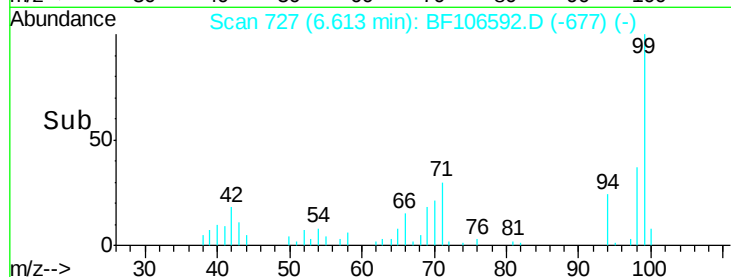
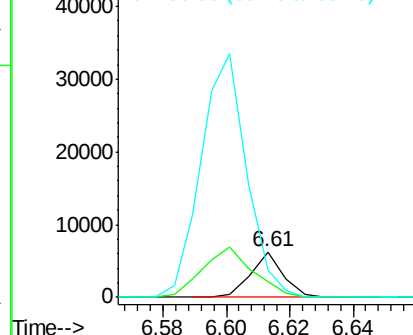
94 100

65 35.1 7.9 47.9

66 61.3 16.2 56.2#



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



#11

bis(2-Chloroethyl)ether

Concen: 0.118 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.04 min

Lab File: BF106592.D

Acq: 19 Jun 2018 19:49

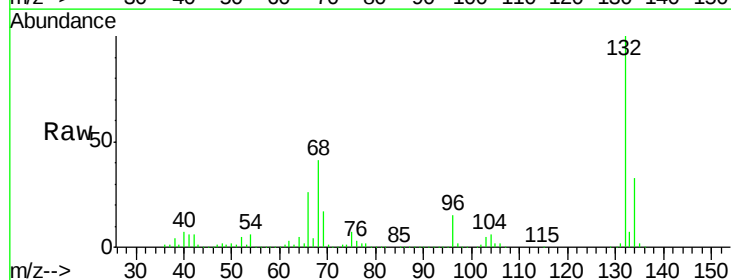
Tgt Ion: 93 Resp: 836

Ion Ratio Lower Upper

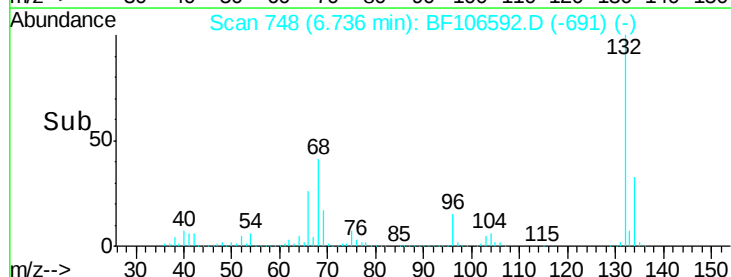
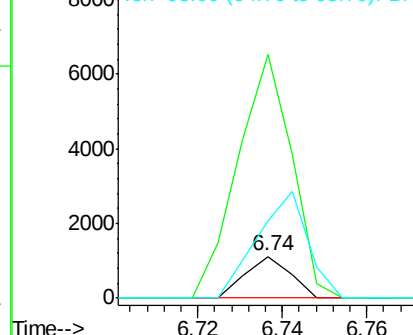
93 100

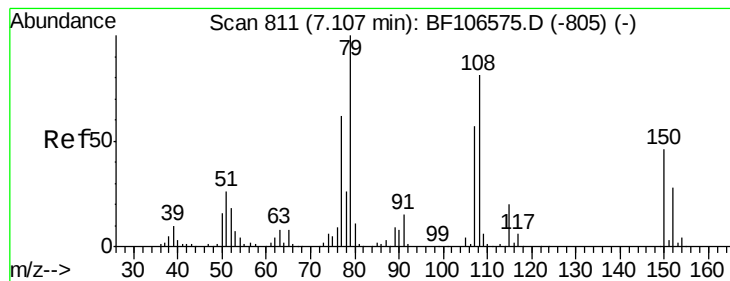
63 581.4 58.6 98.6#

95 184.6 11.8 51.8#



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





#15

Benzyl Alcohol

Concen: 1.275 ng

RT: 7.11 min Scan# 812

Delta R.T. 0.01 min

Lab File: BF106592.D

Acq: 19 Jun 2018 19:49

Instrument :

BNA_F

ClientSampled :

TP-11-S

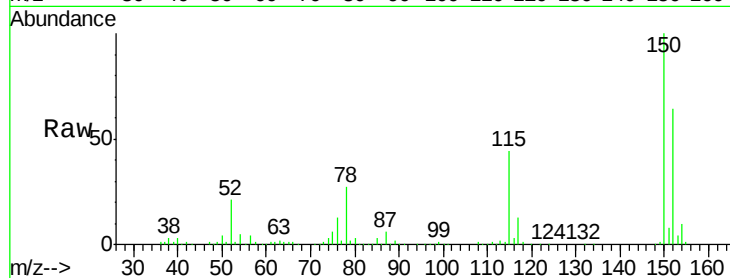
Tgt Ion: 79 Resp: 7700

Ion Ratio Lower Upper

79 100

108 31.9 65.1 97.7#

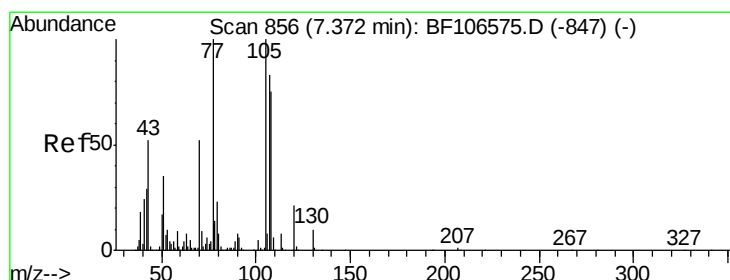
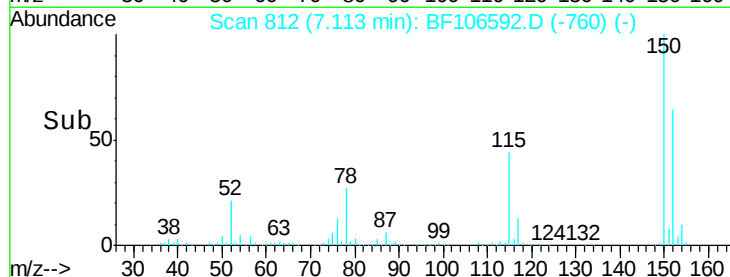
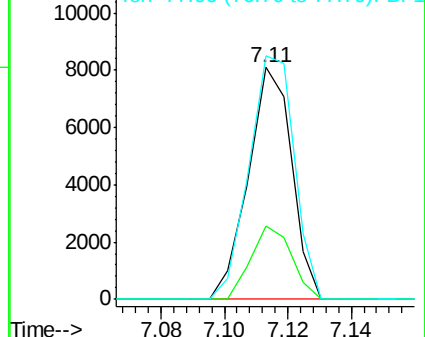
77 105.0 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 12.721 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106592.D

Acq: 19 Jun 2018 19:49

Tgt Ion: 70 Resp: 63073

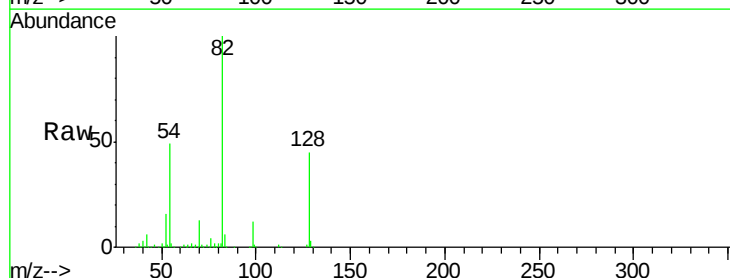
Ion Ratio Lower Upper

70 100

42 43.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

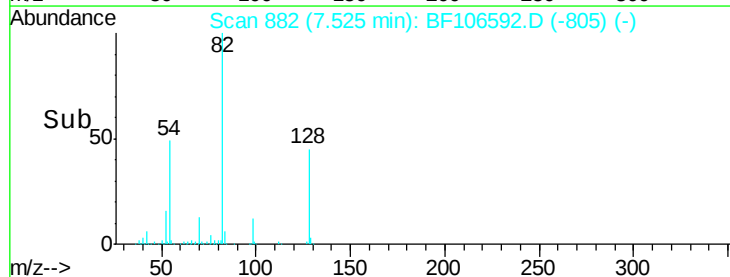
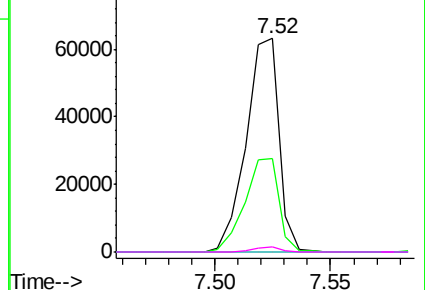


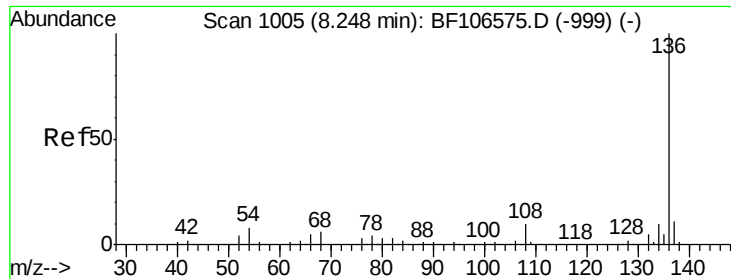
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

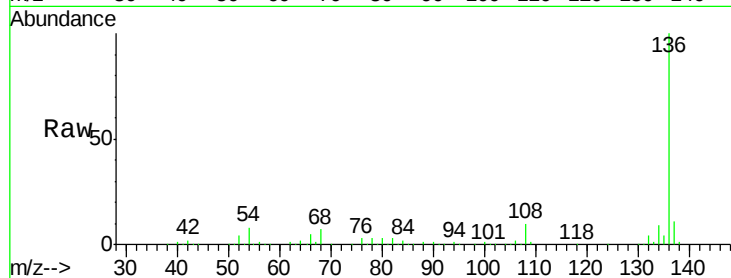




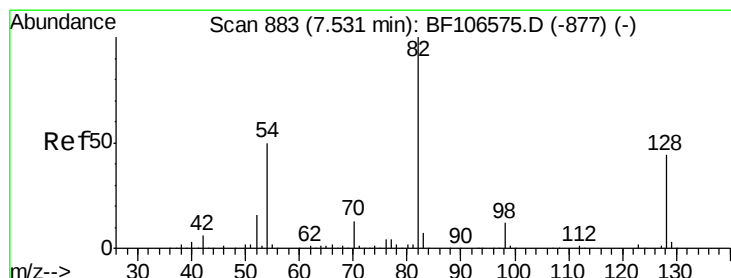
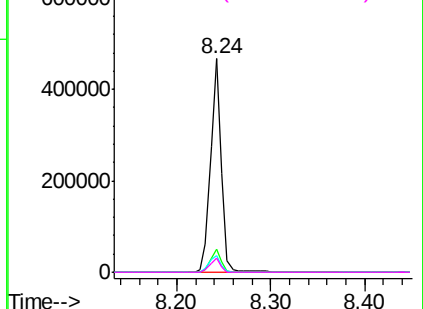
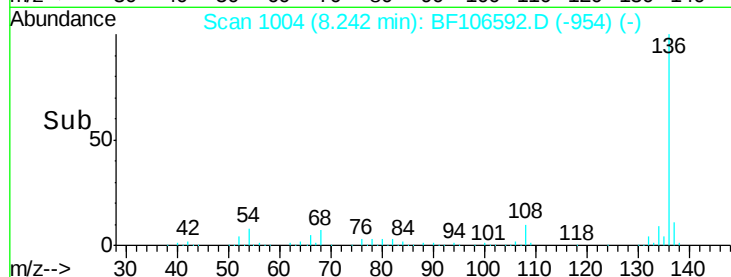
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106592.D
Acq: 19 Jun 2018 19:49

Instrument :
BNA_F
ClientSampleId :
TP-11-S

Tgt Ion: 136 Resp: 381041
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.1 6.6 9.8
68 6.6 5.0 7.4

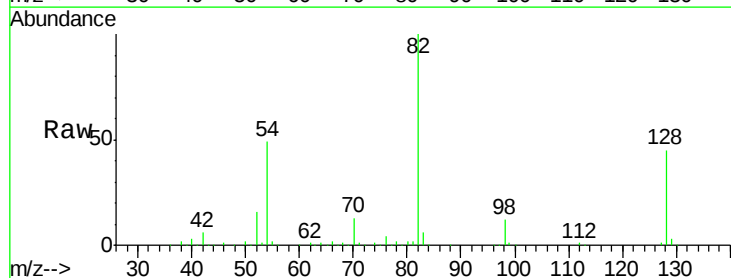


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

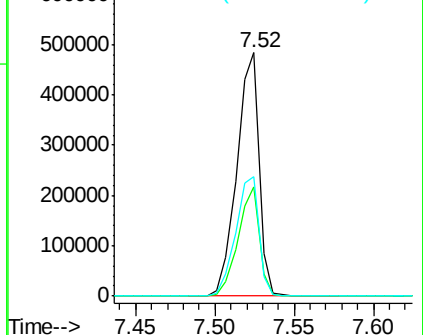
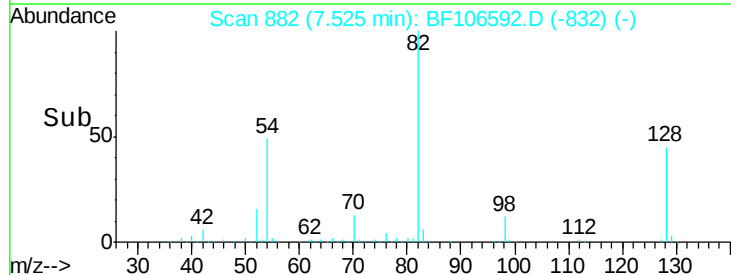


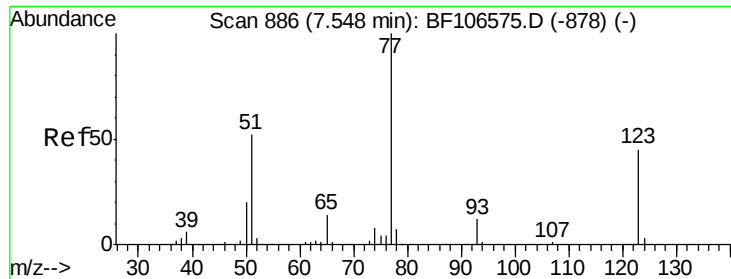
#23
Nitrobenzene-d5
Concen: 68.370 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106592.D
Acq: 19 Jun 2018 19:49

Tgt Ion: 82 Resp: 468781
Ion Ratio Lower Upper
82 100
128 45.0 36.1 54.1
54 49.1 41.4 62.2



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





#24

Nitrobenzene

Concen: 0.203 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.02 min

Lab File: BF106592.D

Acq: 19 Jun 2018 19:49

Instrument :

BNA_F

ClientSampleId :

TP-11-S

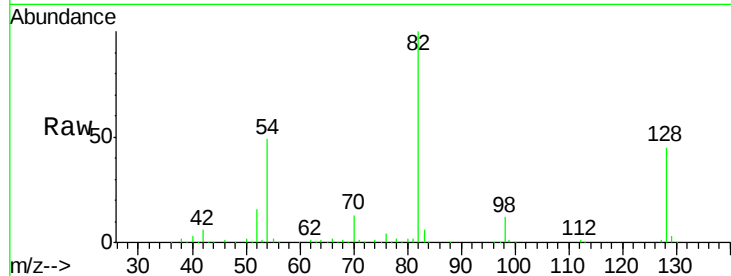
Tgt Ion: 77 Resp: 1420

Ion Ratio Lower Upper

77 100

123 0.0 37.9 56.9#

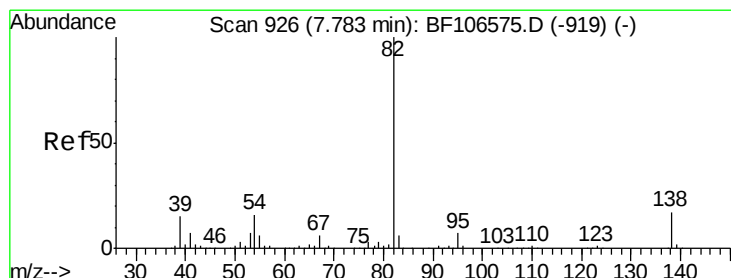
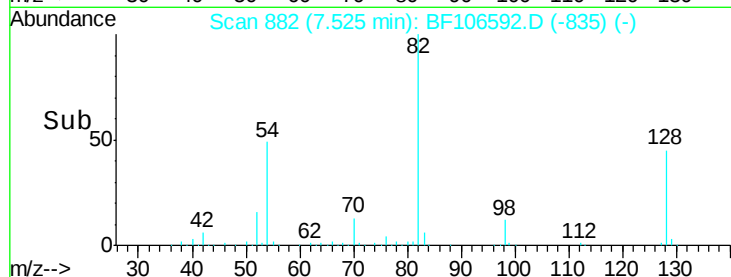
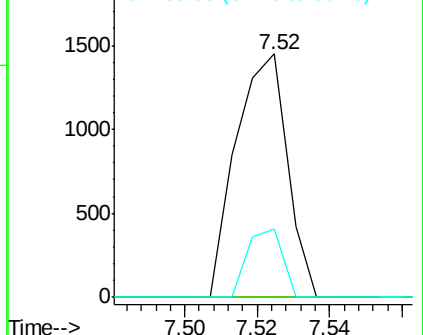
65 28.1 11.0 16.4#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#25

Isophorone

Concen: 38.799 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106592.D

Acq: 19 Jun 2018 19:49

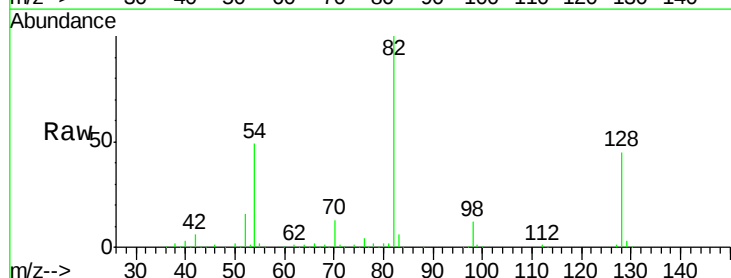
Tgt Ion: 82 Resp: 468776

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

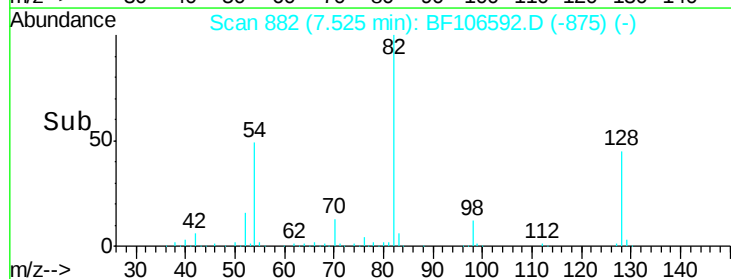
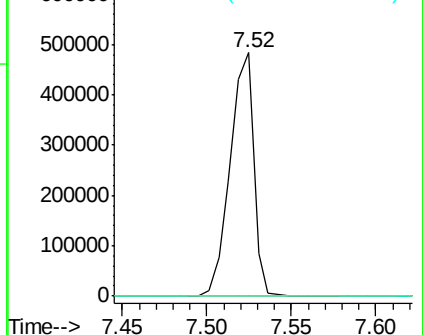
138 0.0 14.9 22.3#

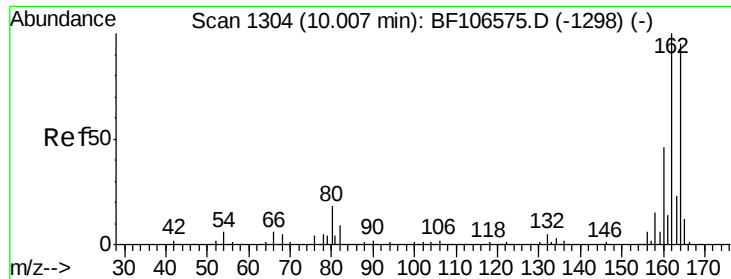


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF106592.D

Acq: 19 Jun 2018 19:49

Instrument :

BNA_F

ClientSampleId :

TP-11-S

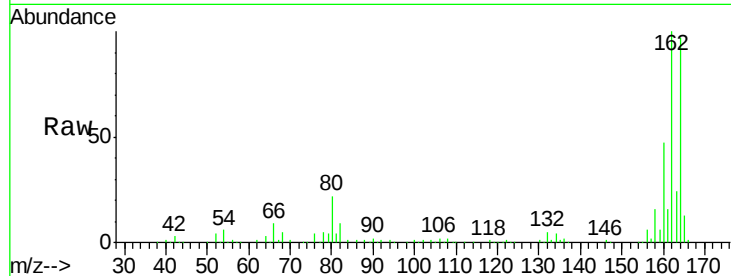
Tgt Ion:164 Resp: 166672

Ion Ratio Lower Upper

164 100

162 102.7 86.1 129.1

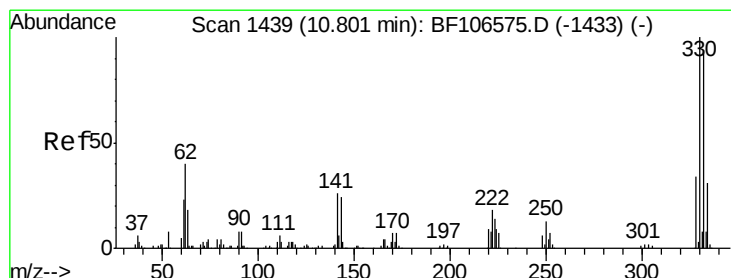
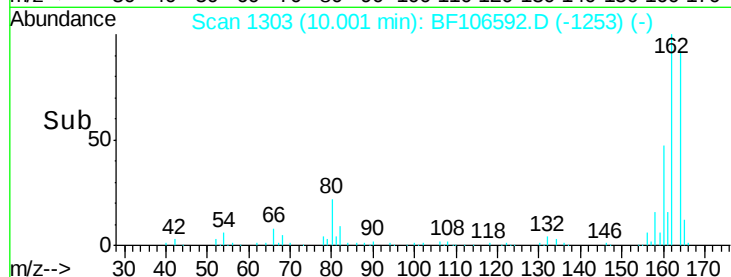
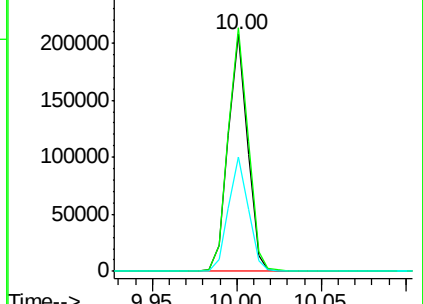
160 48.3 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 89.825 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF106592.D

Acq: 19 Jun 2018 19:49

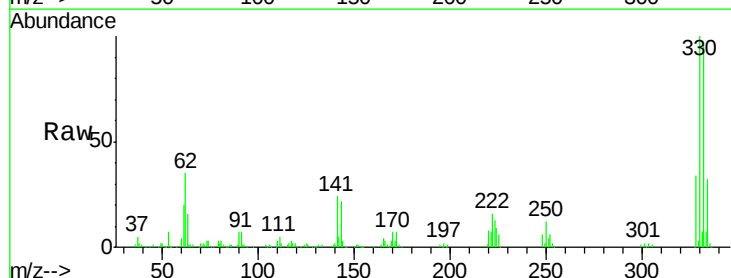
Tgt Ion:330 Resp: 173521

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

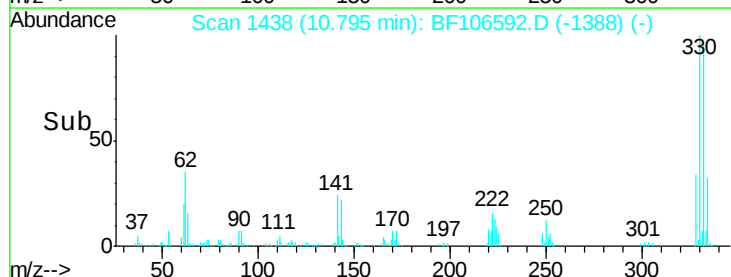
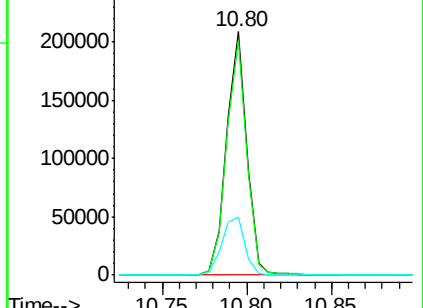
141 27.5 29.9 44.9#

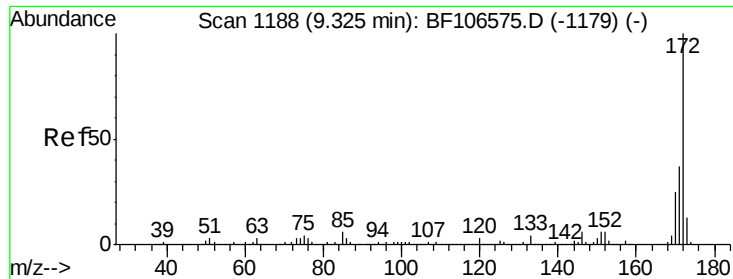


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

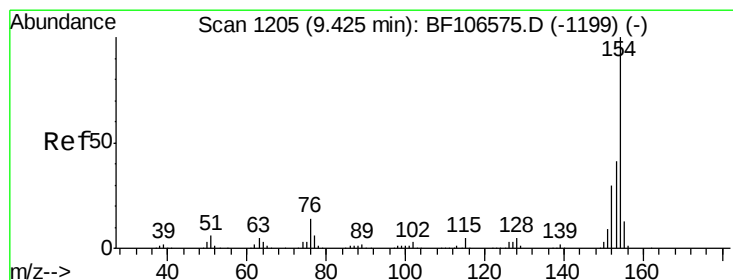
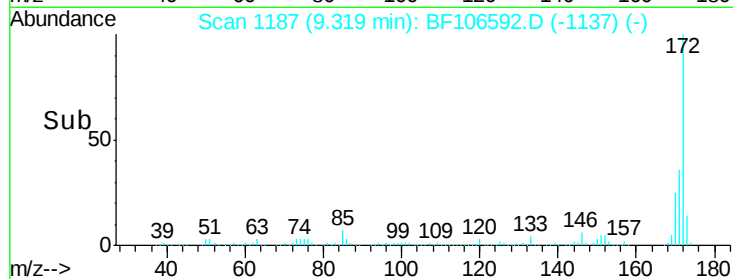
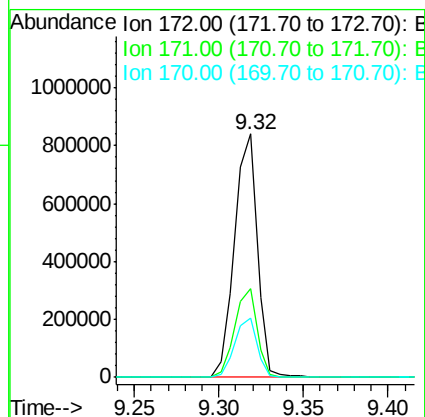
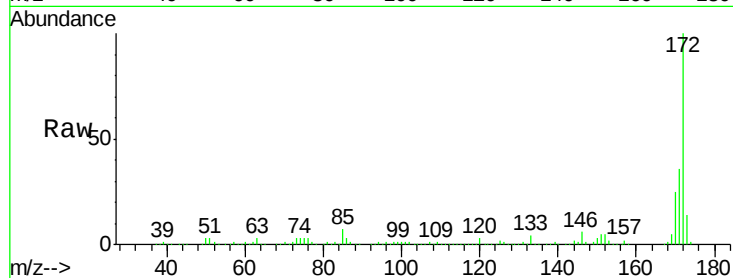




#44
 2-Fluorobiphenyl
 Concen: 79.305 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106592.D
 Acq: 19 Jun 2018 19:49

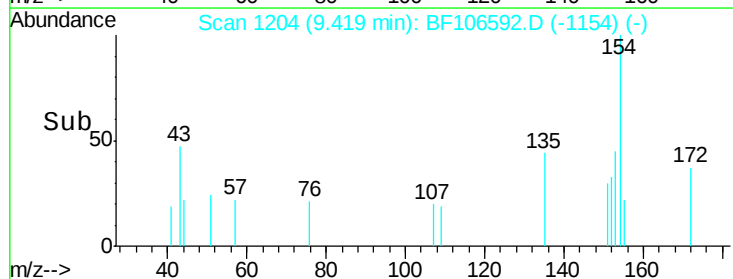
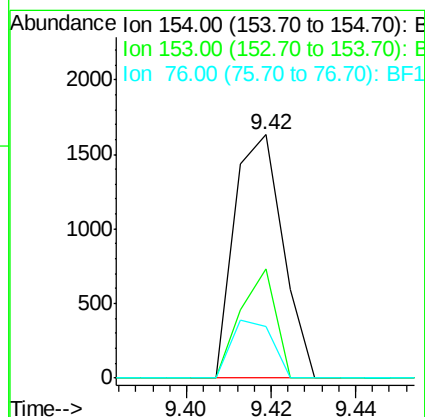
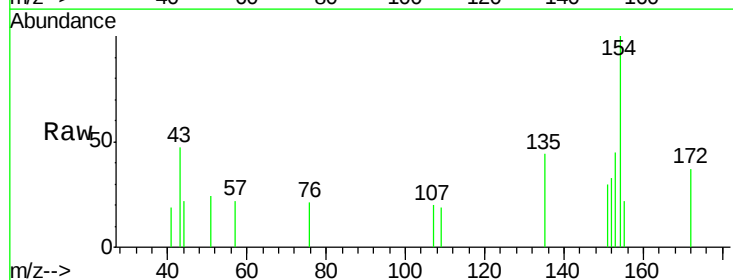
Instrument :
 BNA_F
 ClientSampleId :
 TP-11-S

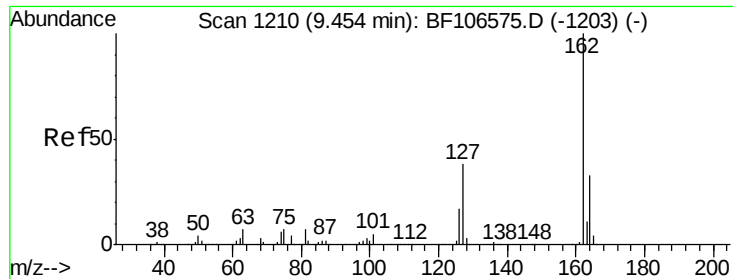
Tgt Ion:172 Resp: 790646
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.6 19.6 29.4



#45
 1,1'-Biphenyl
 Concen: 0.097 ng
 RT: 9.42 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF106592.D
 Acq: 19 Jun 2018 19:49

Tgt Ion:154 Resp: 1292
 Ion Ratio Lower Upper
 154 100
 153 45.0 21.3 61.3
 76 21.0 0.0 34.0

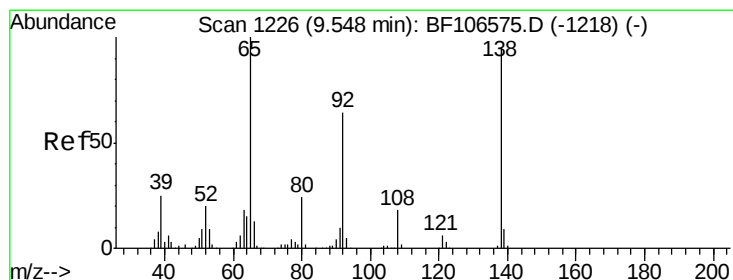
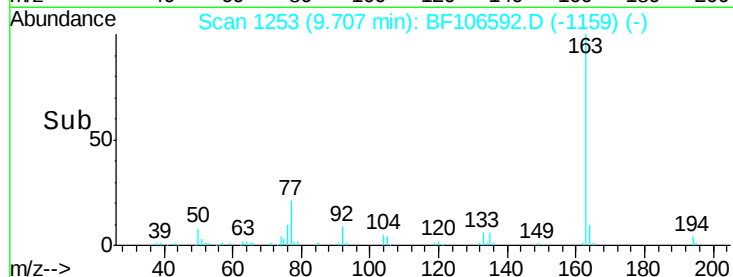
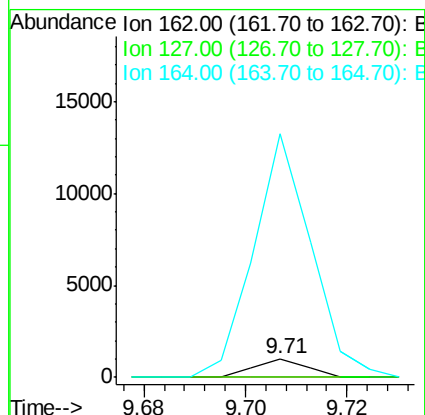
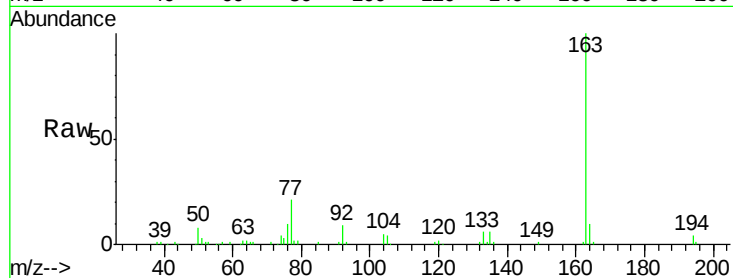




#46
 2-Chloronaphthalene
 Concen: 0.068 ng
 RT: 9.71 min Scan# 1253
 Delta R.T. 0.25 min
 Lab File: BF106592.D
 Acq: 19 Jun 2018 19:49

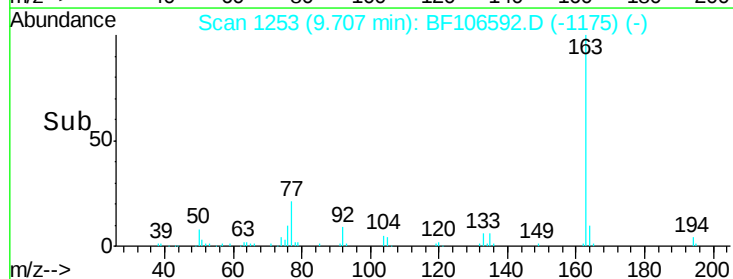
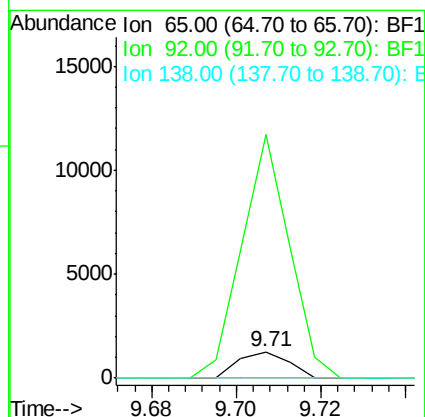
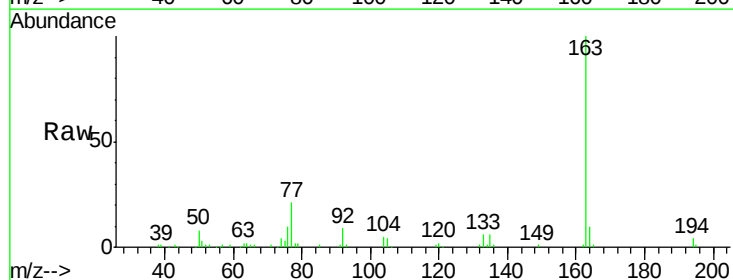
Instrument :
 BNA_F
 ClientSampleId :
 TP-11-S

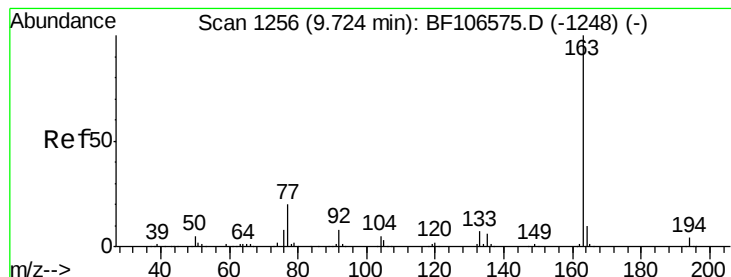
Tgt Ion: 162 Resp: 707
 Ion Ratio Lower Upper
 162 100
 127 0.0 33.9 50.9#
 164 1326.0 26.5 39.7#



#47
 2-Nitroaniline
 Concen: 0.294 ng
 RT: 9.71 min Scan# 1253
 Delta R.T. 0.16 min
 Lab File: BF106592.D
 Acq: 19 Jun 2018 19:49

Tgt Ion: 65 Resp: 1032
 Ion Ratio Lower Upper
 65 100
 92 924.6 55.8 83.6#
 138 0.0 91.2 136.8#





#49

Dimethylphthalate

Concen: 8.535 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106592.D

Acq: 19 Jun 2018 19:49

Instrument :

BNA_F

ClientSampleId :

TP-11-S

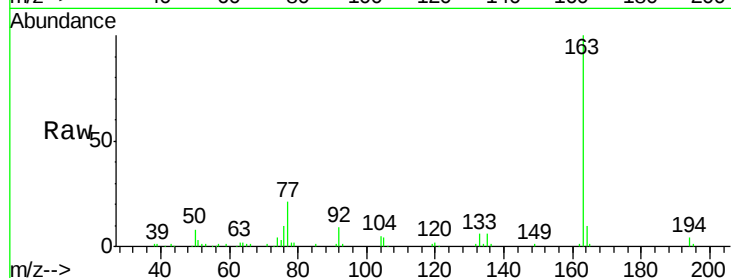
Tgt Ion:163 Resp: 106688

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

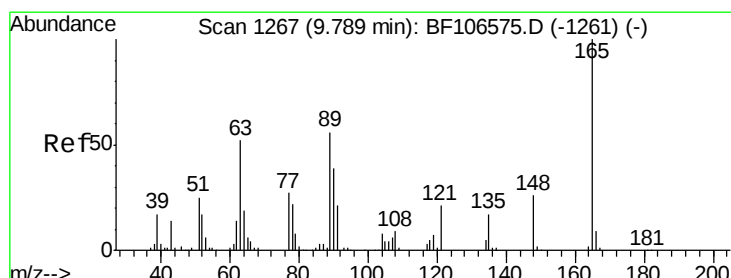
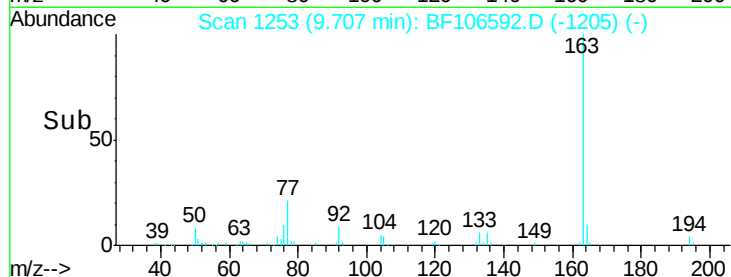
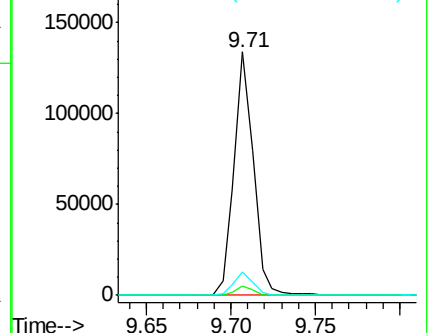
164 9.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 0.398 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.08 min

Lab File: BF106592.D

Acq: 19 Jun 2018 19:49

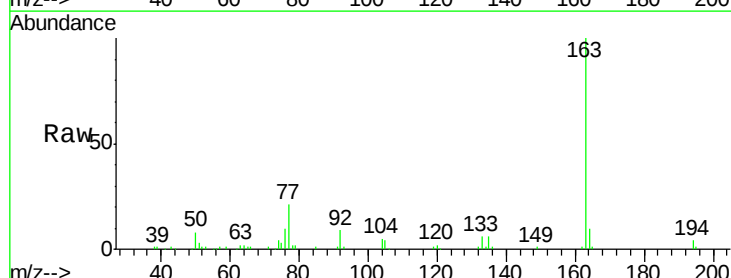
Tgt Ion:165 Resp: 1054

Ion Ratio Lower Upper

165 100

63 143.1 44.7 67.1#

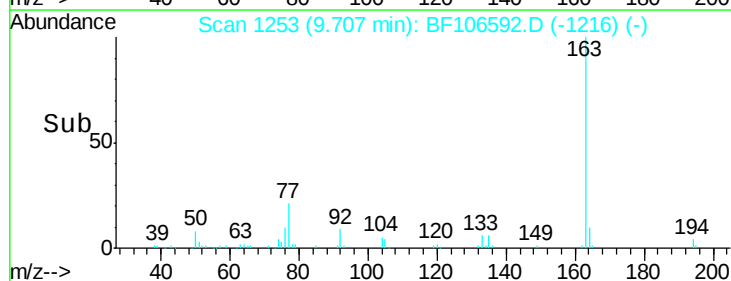
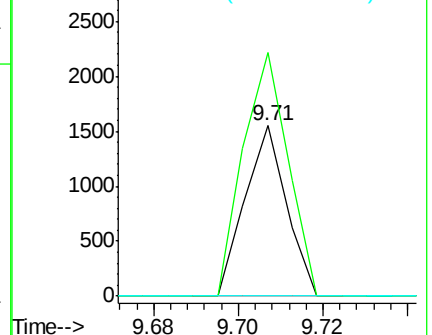
89 0.0 44.0 66.0#

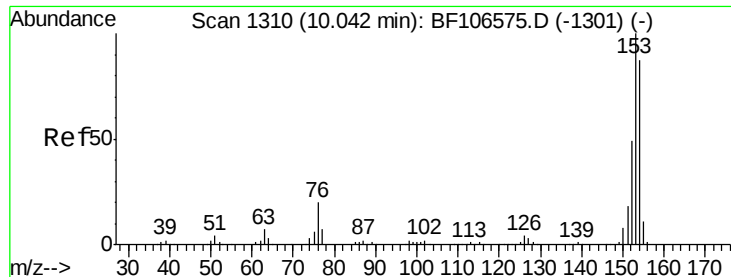


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 0.057 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.04 min

Lab File: BF106592.D

Acq: 19 Jun 2018 19:49

Instrument :

BNA_F

ClientSampleId :

TP-11-S

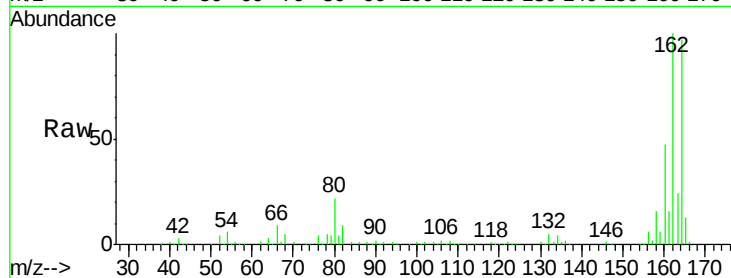
Tgt Ion:154 Resp: 592

Ion Ratio Lower Upper

154 100

153 0.0 91.2 136.8#

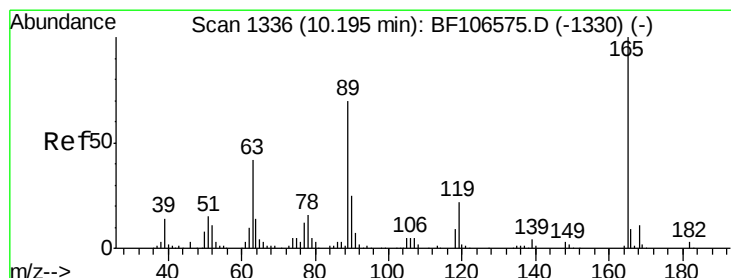
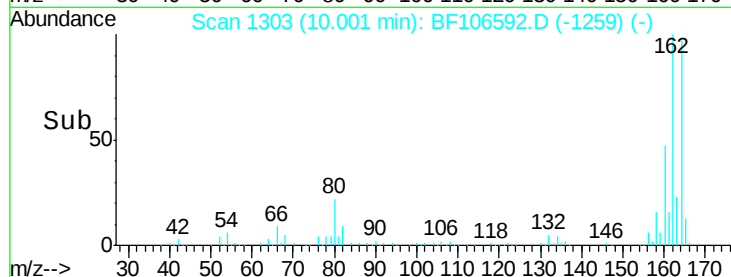
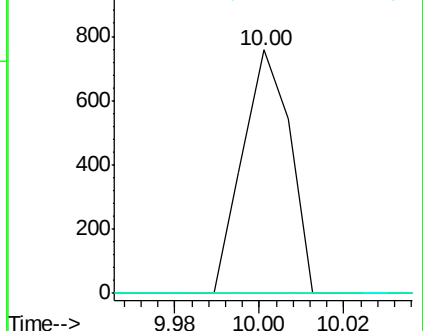
152 0.0 43.8 65.8#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#56

2,4-Dinitrotoluene

Concen: 6.096 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.19 min

Lab File: BF106592.D

Acq: 19 Jun 2018 19:49

Tgt Ion:165 Resp: 21062

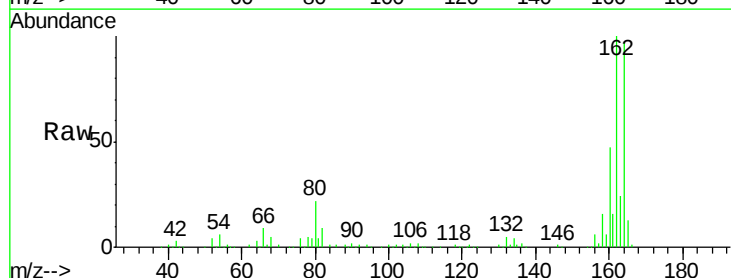
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 1.7 57.8 86.6#

182 0.0 1.6 2.4#

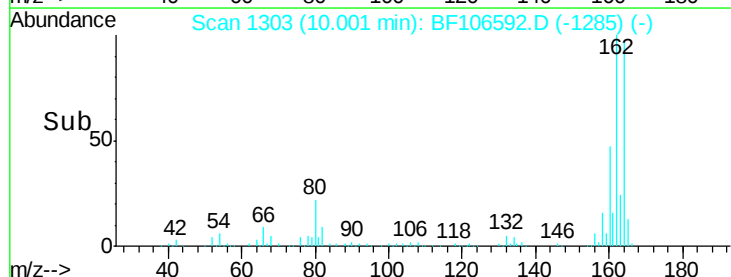
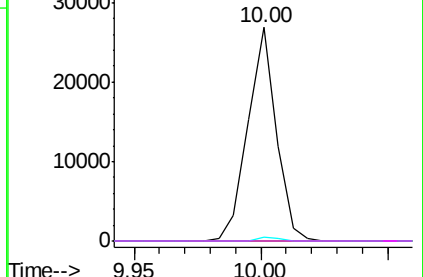


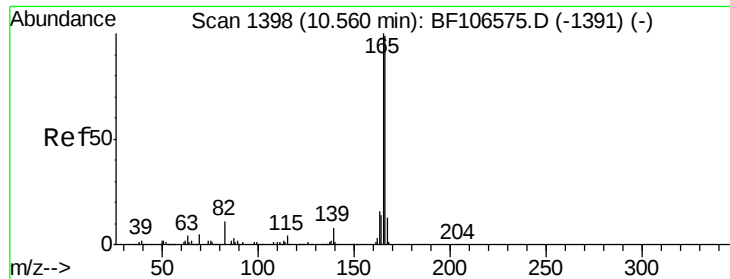
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 0.588 ng

RT: 10.80 min Scan# 1438

Delta R.T. 0.24 min

Lab File: BF106592.D

Acq: 19 Jun 2018 19:49

Instrument :

BNA_F

ClientSampleId :

TP-11-S

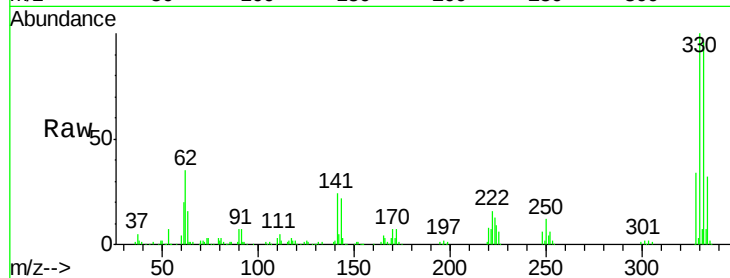
Tgt Ion:166 Resp: 6637

Ion Ratio Lower Upper

166 100

165 103.1 79.8 119.8

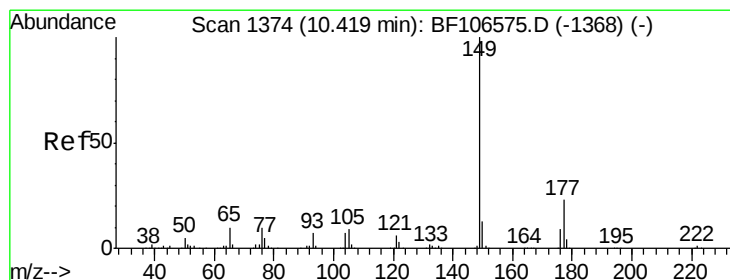
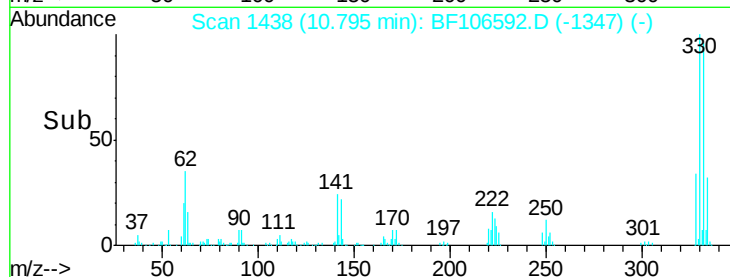
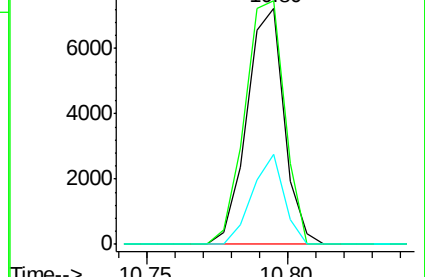
167 37.9 10.6 16.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

Diethylphthalate

Concen: 0.055 ng

RT: 10.41 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF106592.D

Acq: 19 Jun 2018 19:49

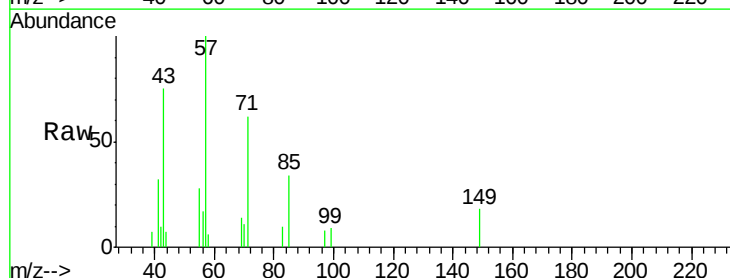
Tgt Ion:149 Resp: 669

Ion Ratio Lower Upper

149 100

177 0.0 16.1 24.1#

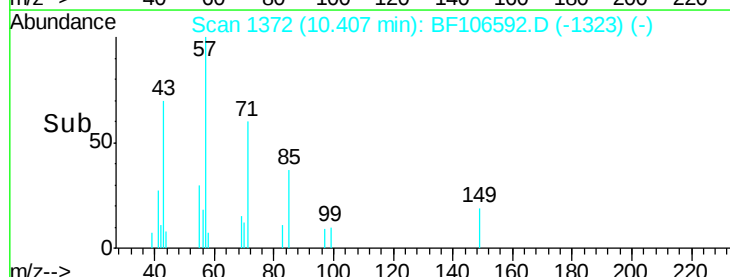
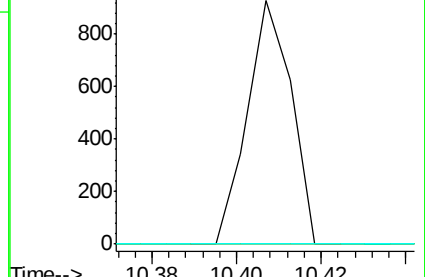
150 0.0 10.1 15.1#

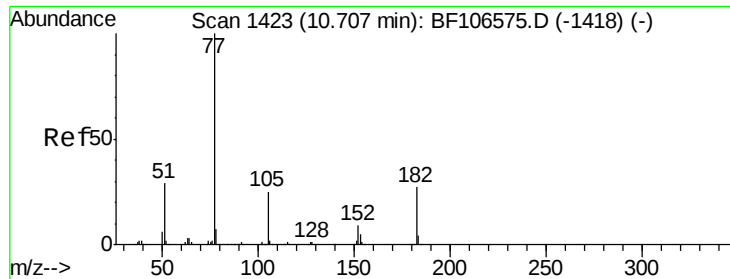


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 0.062 ng

RT: 10.80 min Scan# 1438

Delta R.T. 0.09 min

Lab File: BF106592.D

Acq: 19 Jun 2018 19:49

Instrument :

BNA_F

ClientSampleId :

TP-11-S

Tgt Ion: 77 Resp: 732

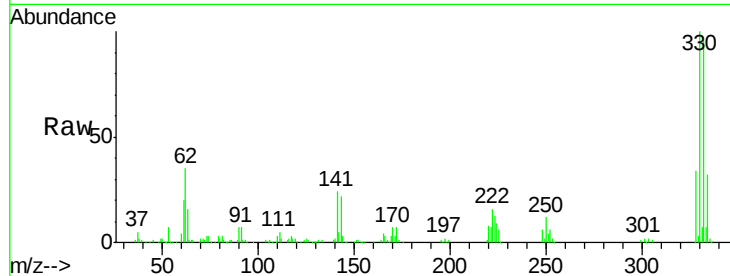
Ion Ratio Lower Upper

77 100

182 0.0 1.7 41.7#

105 75.3 3.0 43.0#

51 52.9 9.9 49.9#

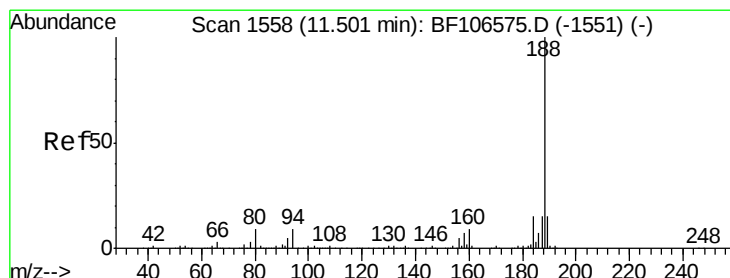
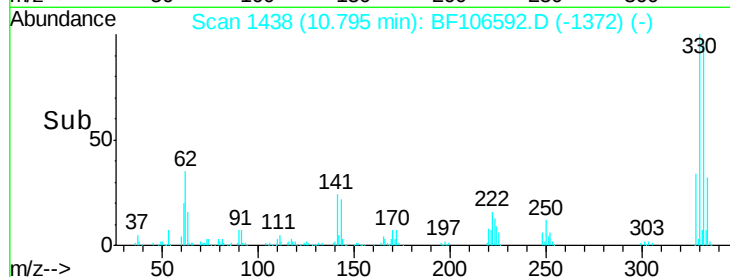
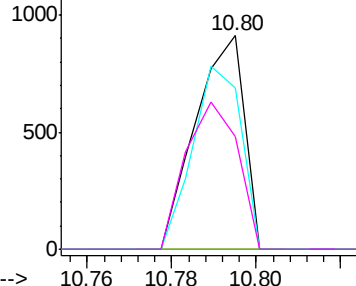


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106592.D

Acq: 19 Jun 2018 19:49

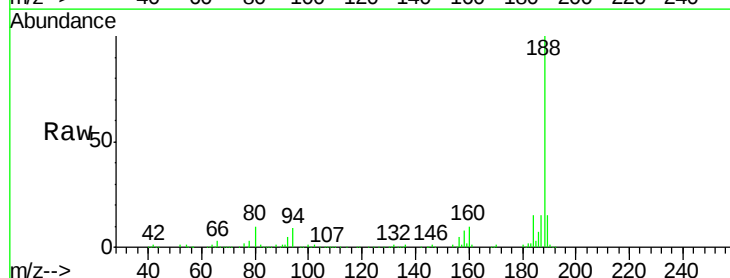
Tgt Ion: 188 Resp: 269963

Ion Ratio Lower Upper

188 100

94 8.8 8.5 12.7

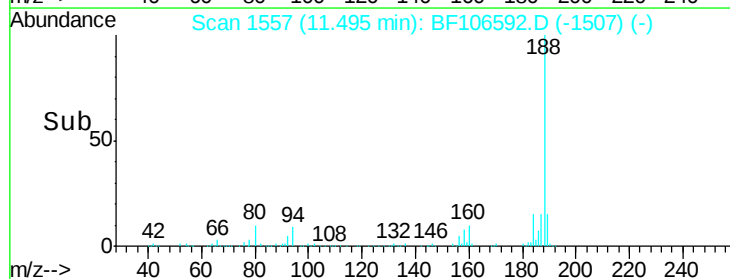
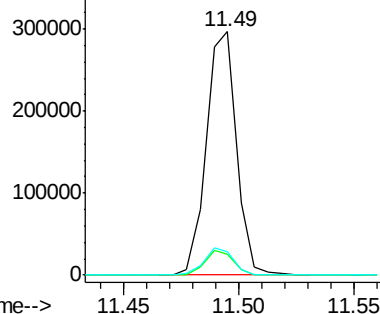
80 9.5 9.2 13.8

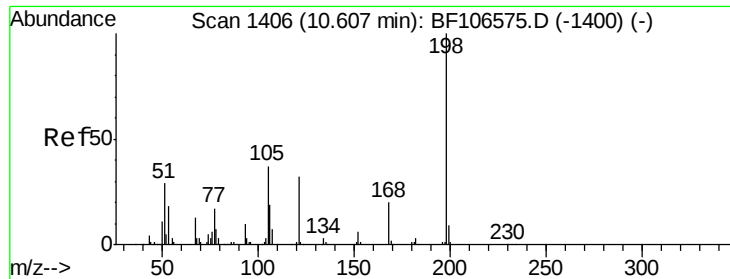


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

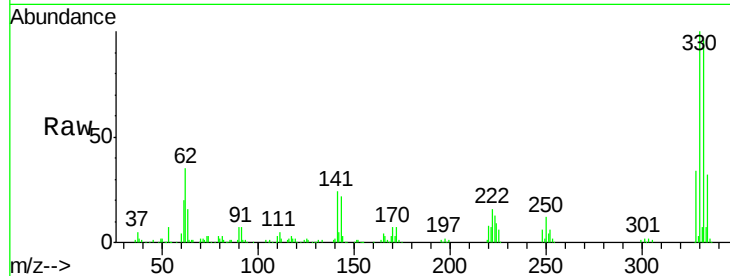




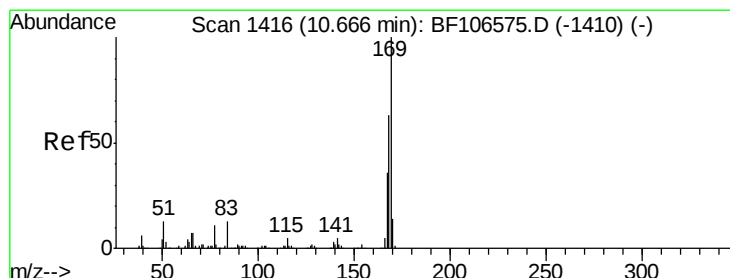
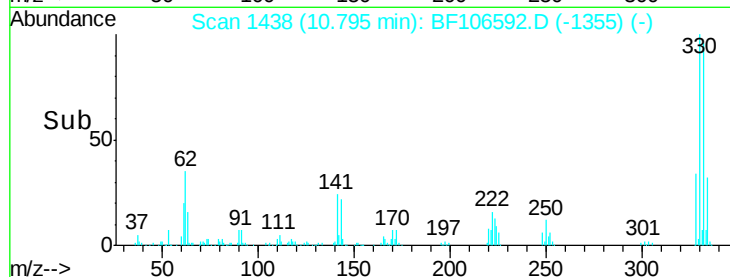
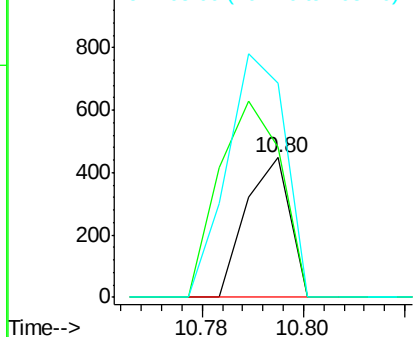
#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.162 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. 0.19 min
 Lab File: BF106592.D
 Acq: 19 Jun 2018 19:49

Instrument :
 BNA_F
 ClientSampled :
 TP-11-S

Tgt Ion:198 Resp: 271
 Ion Ratio Lower Upper
 198 100
 51 107.8 37.7 77.7#
 105 153.7 36.3 76.3#

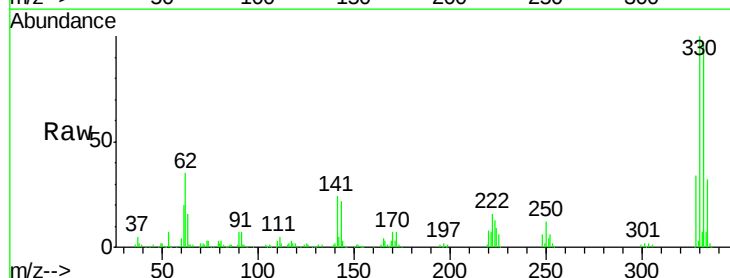


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

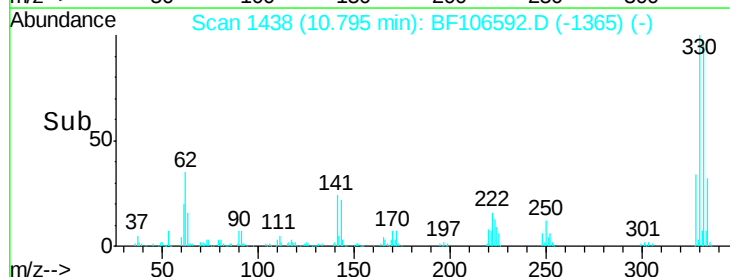
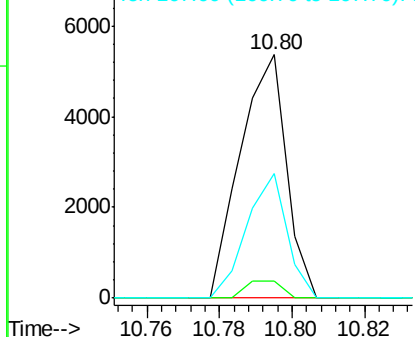


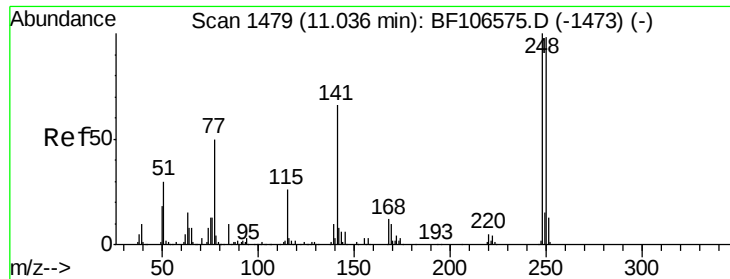
#65
 n-Nitrosodiphenylamine
 Concen: 0.526 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. 0.13 min
 Lab File: BF106592.D
 Acq: 19 Jun 2018 19:49

Tgt Ion:169 Resp: 4776
 Ion Ratio Lower Upper
 169 100
 168 6.8 54.4 81.6#
 167 51.1 29.8 44.6#



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

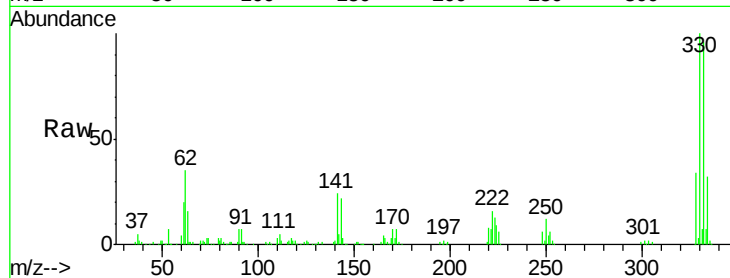




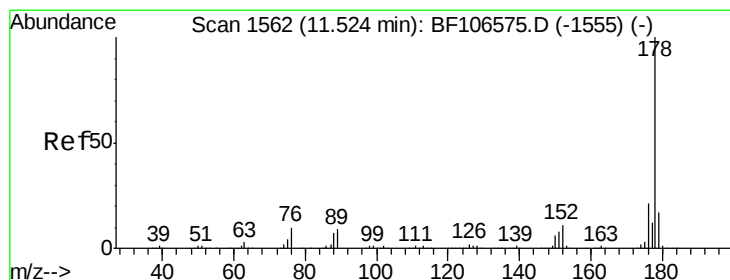
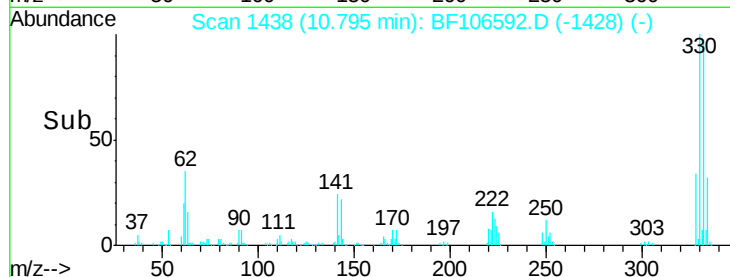
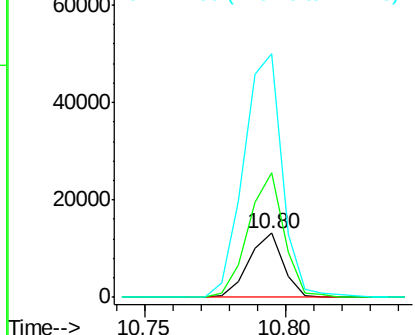
#66
 4-Bromophenyl-phenylether
 Concen: 3.463 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF106592.D
 Acq: 19 Jun 2018 19:49

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-S

Tgt Ion:248 Resp: 11158
 Ion Ratio Lower Upper
 248 100
 250 194.1 76.9 115.3#
 141 380.6 74.4 111.6#

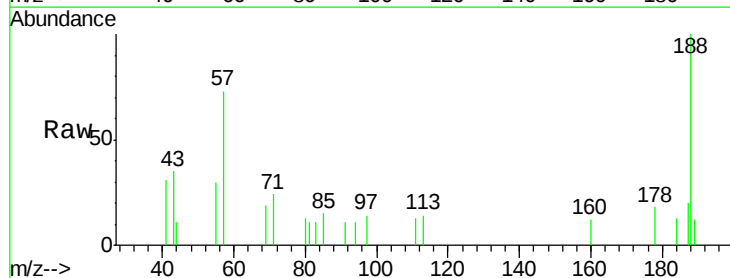


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

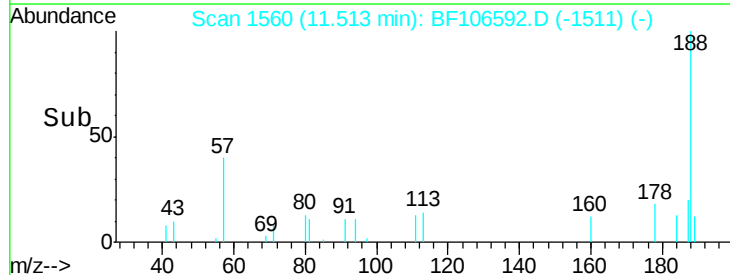
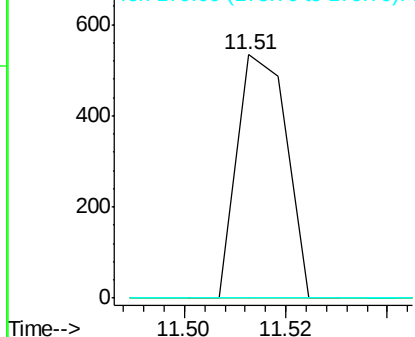


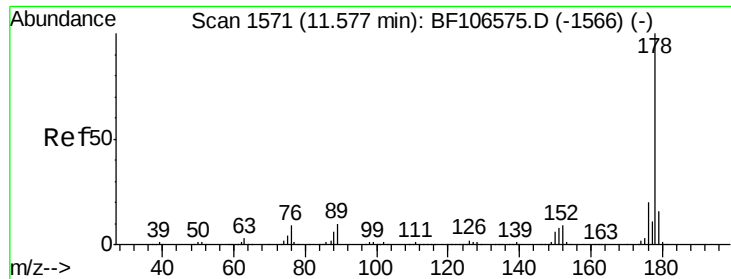
#70
 Phenanthrene
 Concen: 0.028 ng
 RT: 11.51 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF106592.D
 Acq: 19 Jun 2018 19:49

Tgt Ion:178 Resp: 361
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.8 23.8#
 179 0.0 13.0 19.6#



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

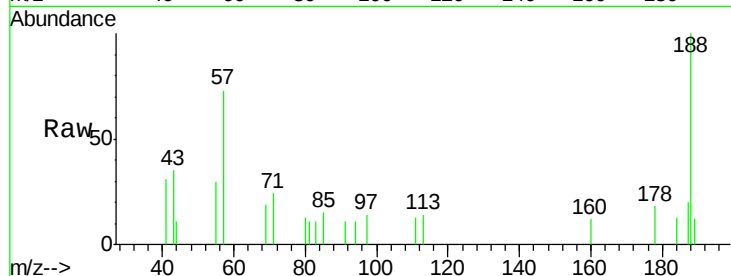




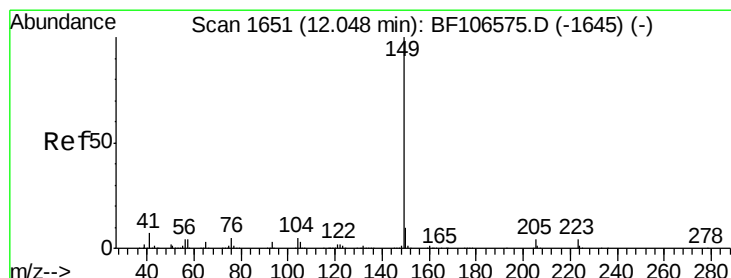
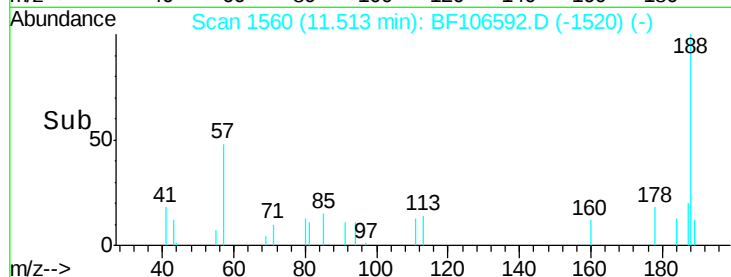
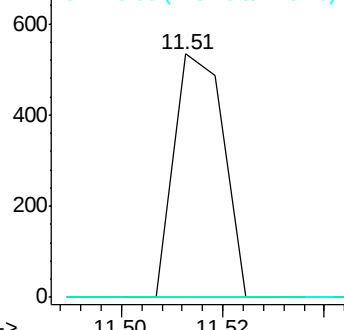
#71
 Anthracene
 Concen: 0.027 ng
 RT: 11.51 min Scan# 1560
 Delta R.T. -0.06 min
 Lab File: BF106592.D
 Acq: 19 Jun 2018 19:49

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-S

Tgt Ion:178 Resp: 361
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.4 23.2#
 179 0.0 12.6 19.0#

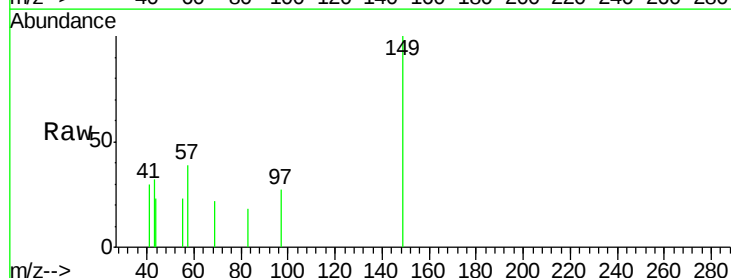


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

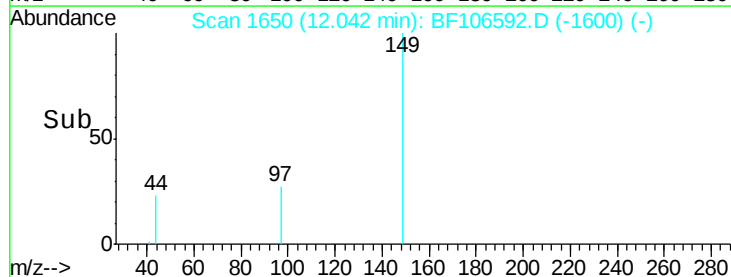
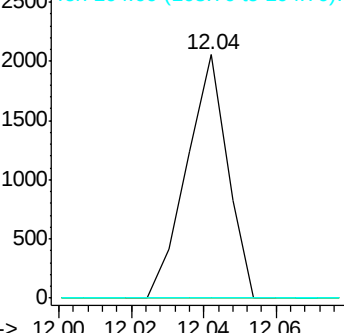


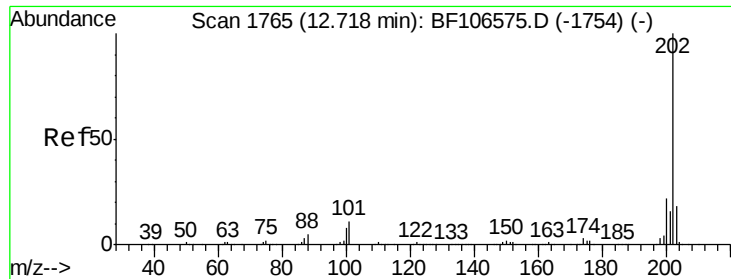
#73
 Di-n-butylphthalate
 Concen: 0.109 ng
 RT: 12.04 min Scan# 1650
 Delta R.T. -0.01 min
 Lab File: BF106592.D
 Acq: 19 Jun 2018 19:49

Tgt Ion:149 Resp: 1602
 Ion Ratio Lower Upper
 149 100
 150 0.0 7.8 11.6#
 104 0.0 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 0.021 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF106592.D

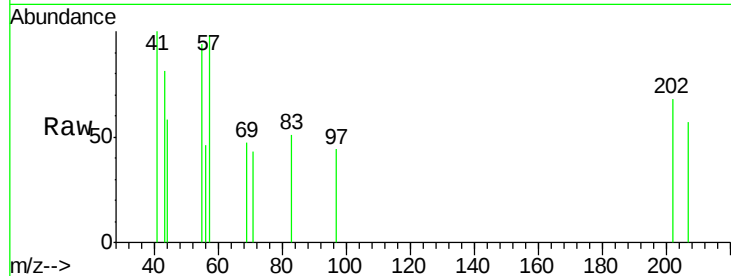
Acq: 19 Jun 2018 19:49

Instrument :

BNA_F

ClientSampleId :

TP-11-S



Tgt Ion: 202 Resp: 296

Ion Ratio Lower Upper

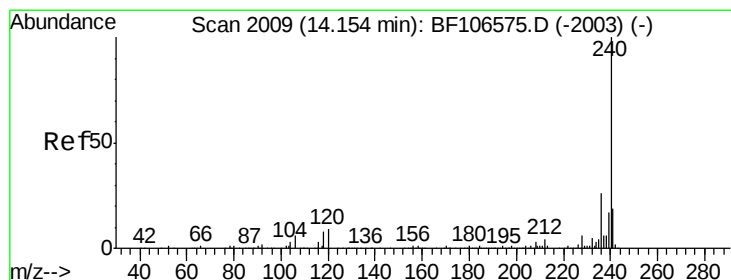
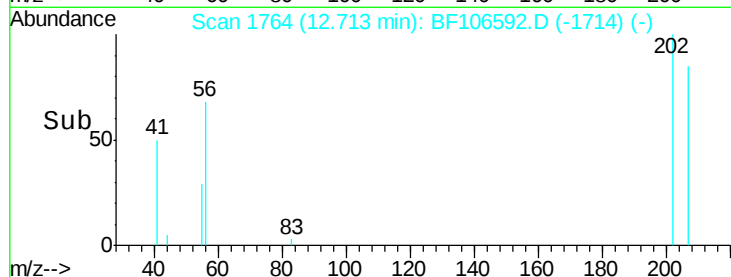
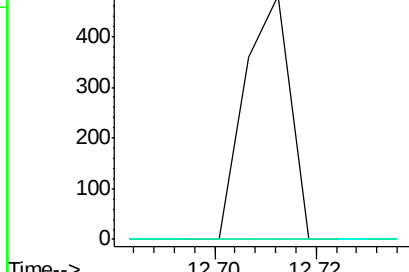
202 100

101 0.0 0.0 34.1

203 0.0 0.0 38.1

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

12.71



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF106592.D

Acq: 19 Jun 2018 19:49

Tgt Ion: 240 Resp: 239484

Ion Ratio Lower Upper

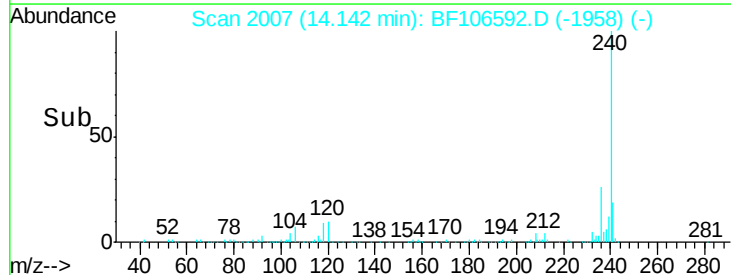
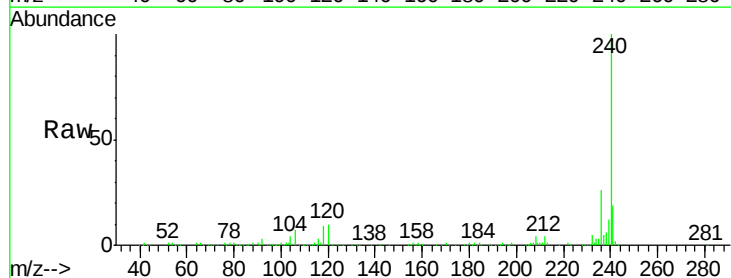
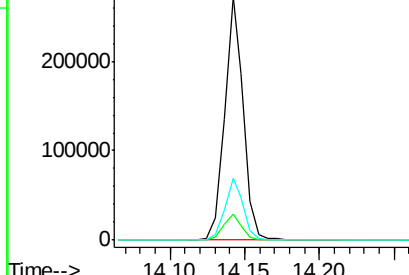
240 100

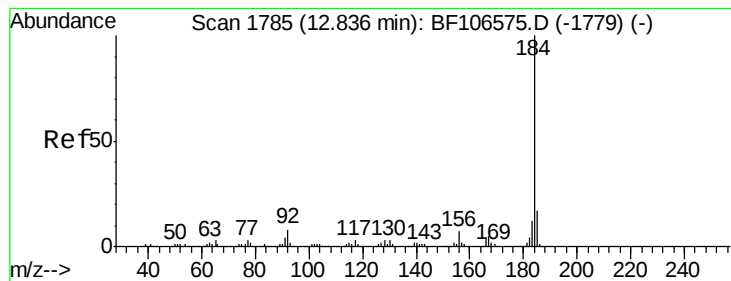
120 10.5 9.5 14.3

236 25.6 20.7 31.1

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

14.14





#76

Benzidine

Concen: 1.075 ng

RT: 13.08 min Scan# 1826

Delta R.T. 0.24 min

Lab File: BF106592.D

Acq: 19 Jun 2018 19:49

Instrument :

BNA_F

ClientSampleId :

TP-11-S

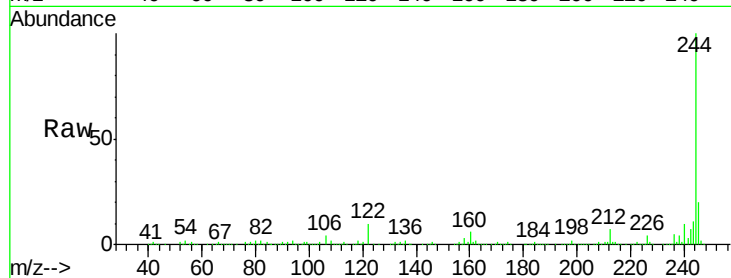
Tgt Ion:184 Resp: 7335

Ion Ratio Lower Upper

184 100

185 19.4 12.6 18.8#

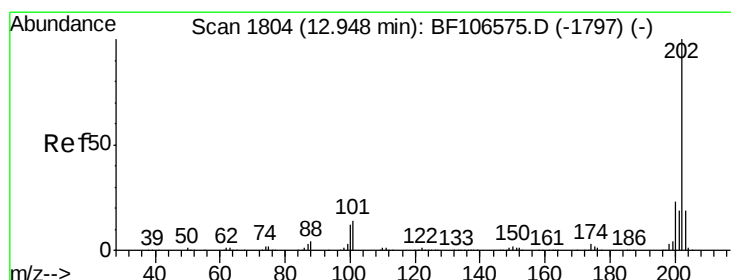
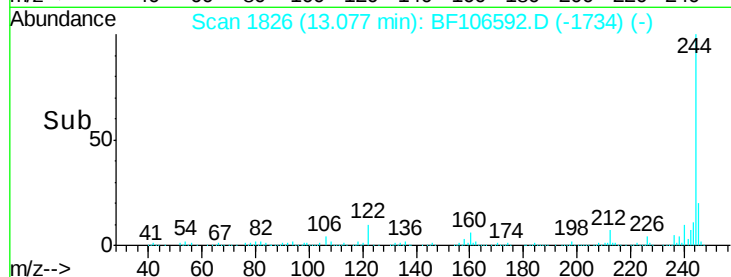
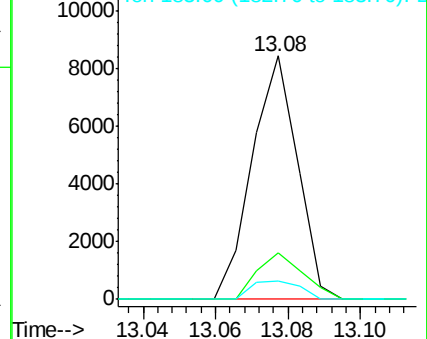
183 7.4 9.3 13.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 0.022 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF106592.D

Acq: 19 Jun 2018 19:49

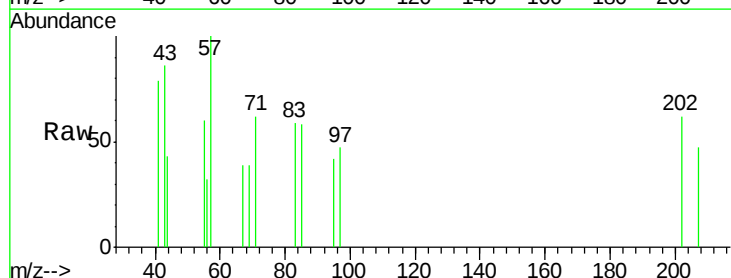
Tgt Ion:202 Resp: 348

Ion Ratio Lower Upper

202 100

200 0.0 17.4 26.2#

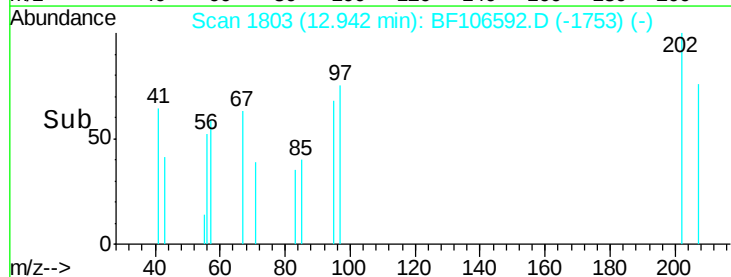
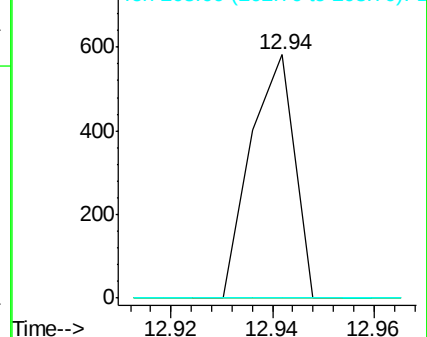
203 0.0 14.3 21.5#

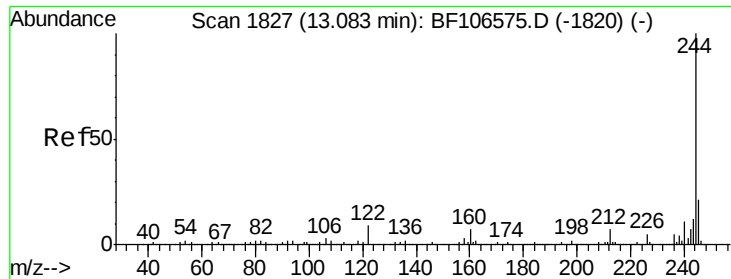


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 61.756 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106592.D

Acq: 19 Jun 2018 19:49

Instrument :

BNA_F

ClientSampleId :

TP-11-S

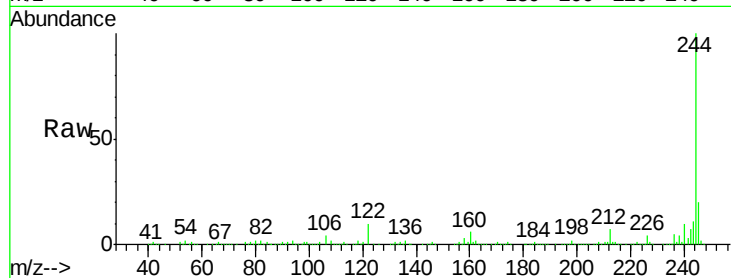
Tgt Ion:244 Resp: 610557

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

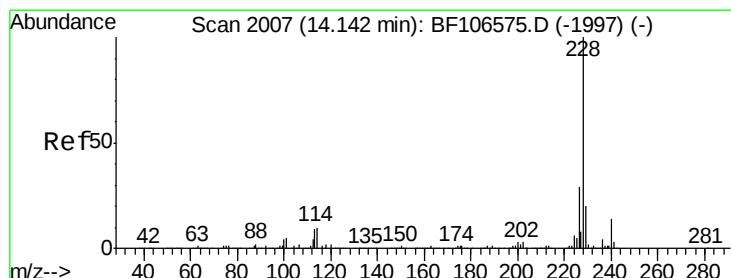
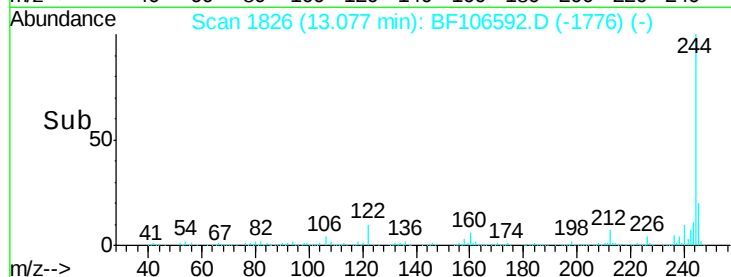
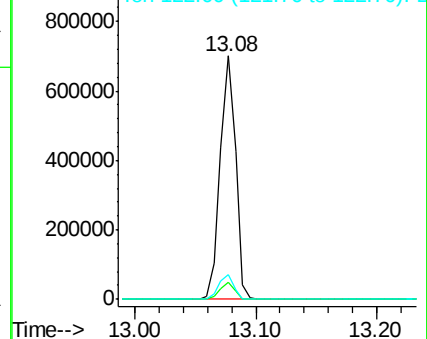
122 10.2 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 0.064 ng

RT: 14.14 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BF106592.D

Acq: 19 Jun 2018 19:49

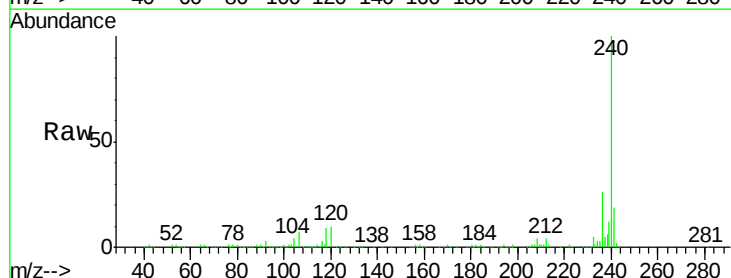
Tgt Ion:228 Resp: 941

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

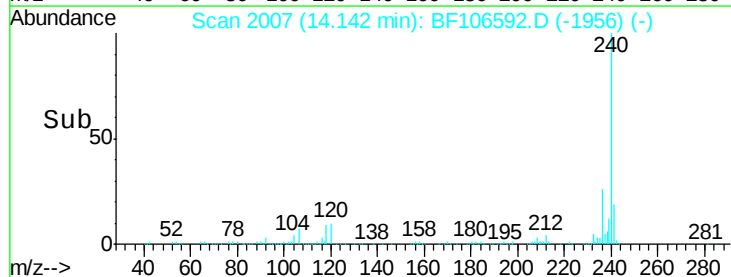
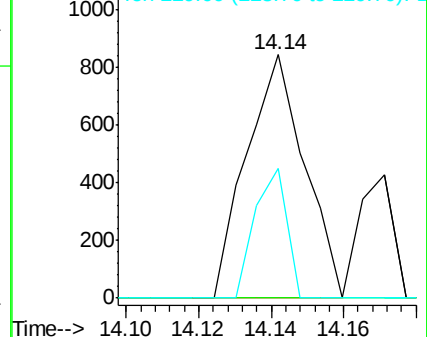
229 53.1 15.8 23.6#

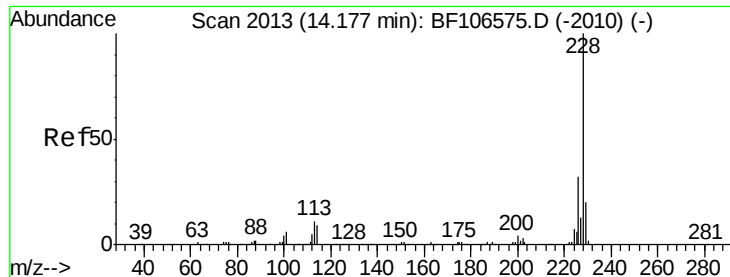


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 0.020 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF106592.D

Acq: 19 Jun 2018 19:49

Instrument :

BNA_F

ClientSampleId :

TP-11-S

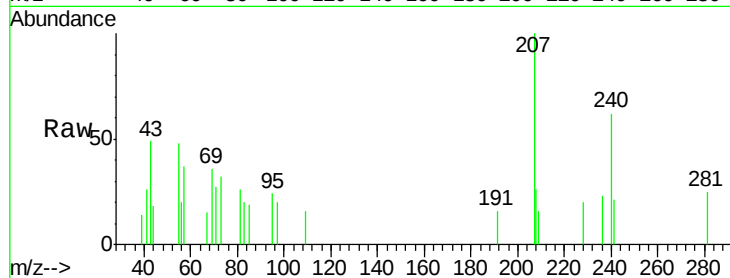
Tgt Ion: 228 Resp: 272

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

229 0.0 16.2 24.4#

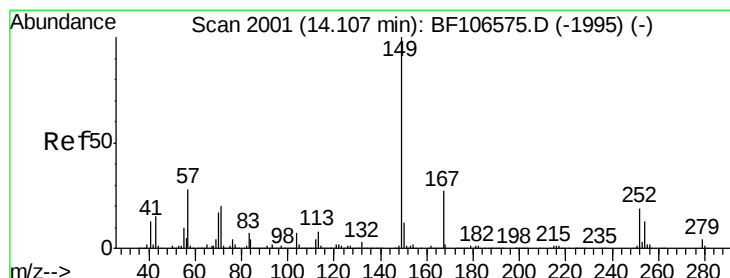
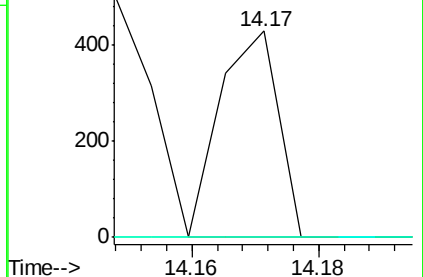
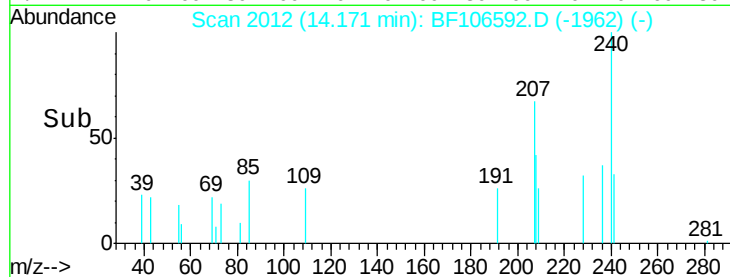


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.131 ng

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF106592.D

Acq: 19 Jun 2018 19:49

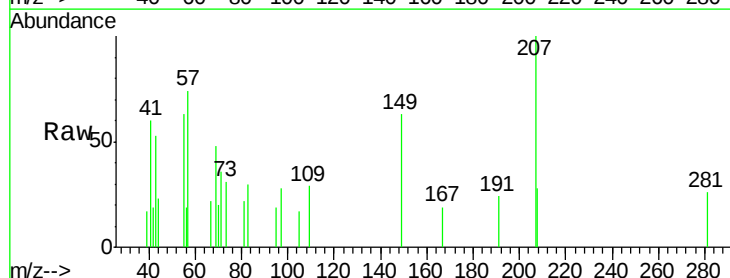
Tgt Ion: 149 Resp: 1084

Ion Ratio Lower Upper

149 100

167 29.9 21.3 31.9

279 0.0 3.0 4.4#

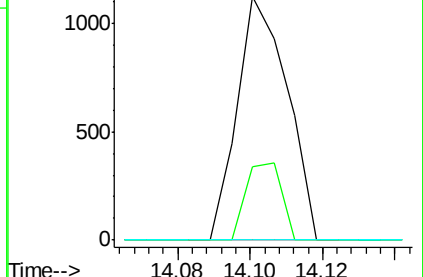
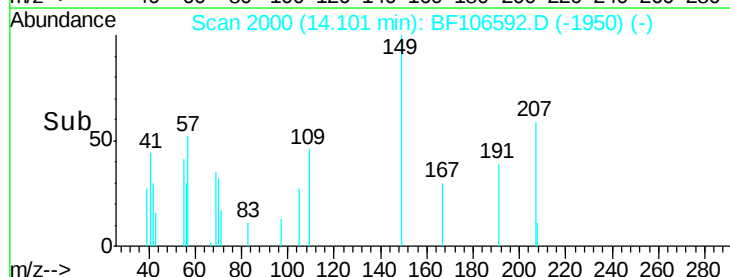


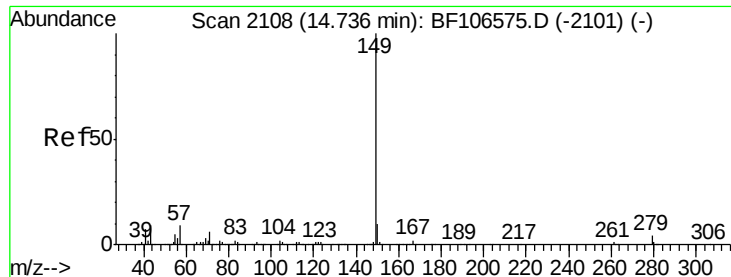
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->

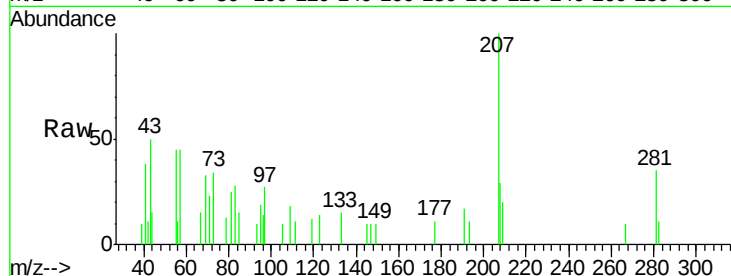




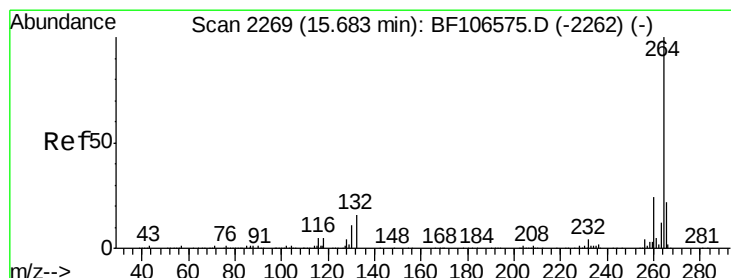
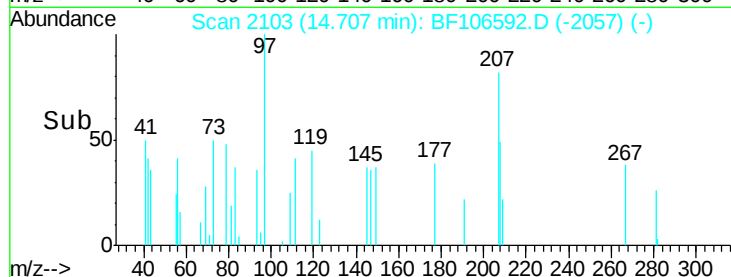
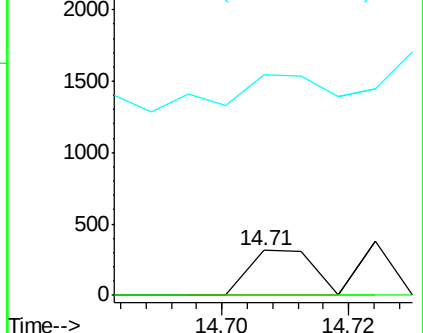
#84
Di-n-octyl phthalate
Concen: 0.016 ng
RT: 14.71 min Scan# 2103
Delta R.T. -0.03 min
Lab File: BF106592.D
Acq: 19 Jun 2018 19:49

Instrument :
BNA_F
ClientSampleId :
TP-11-S

Tgt Ion:149 Resp: 220
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 282.7 8.4 12.6#

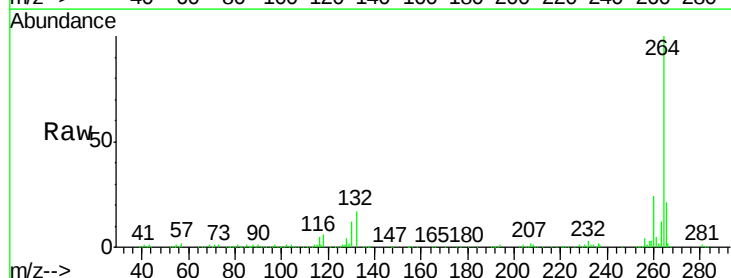


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

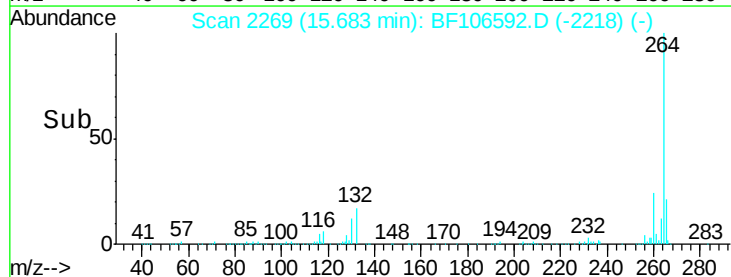
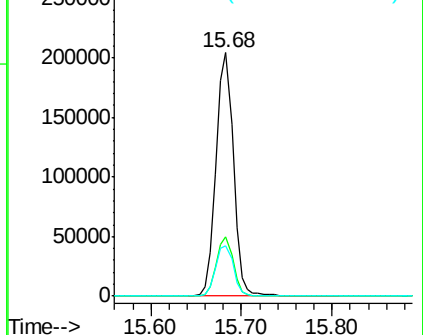


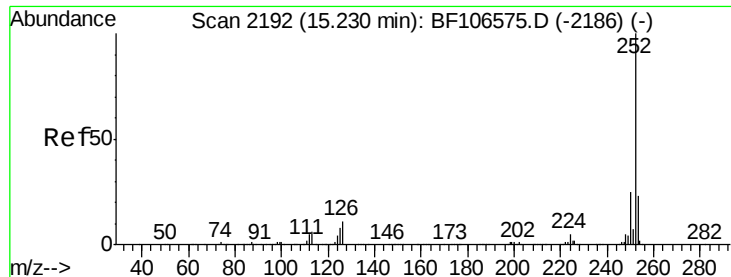
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF106592.D
Acq: 19 Jun 2018 19:49

Tgt Ion:264 Resp: 272030
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 20.9 17.5 26.3



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

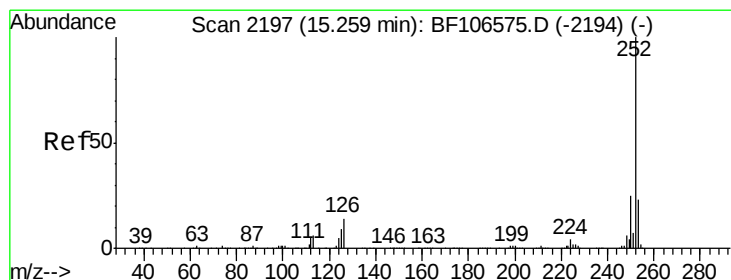
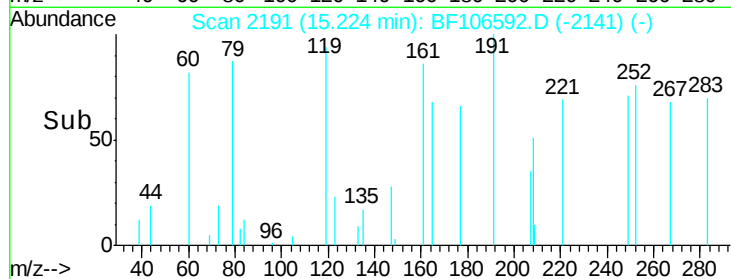
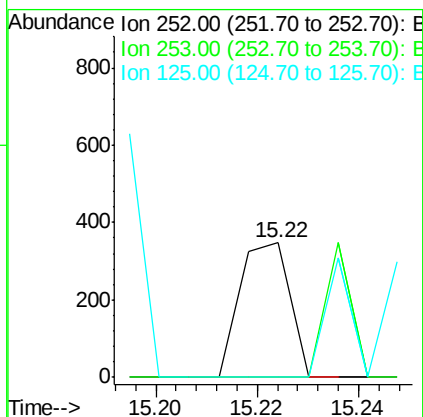
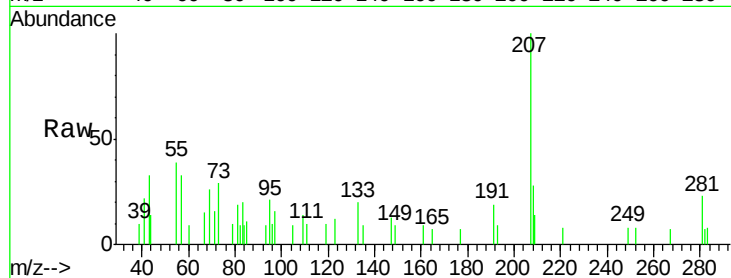




#87
Benzo(b)fluoranthene
Concen: 0.014 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF106592.D
Acq: 19 Jun 2018 19:49

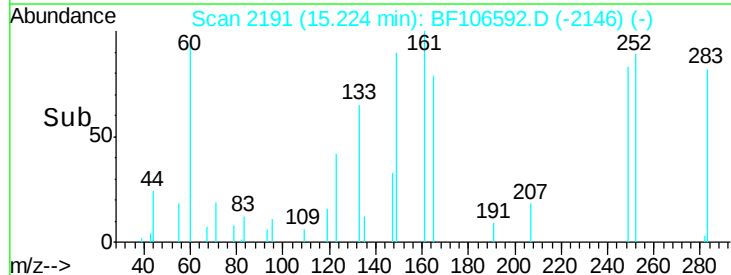
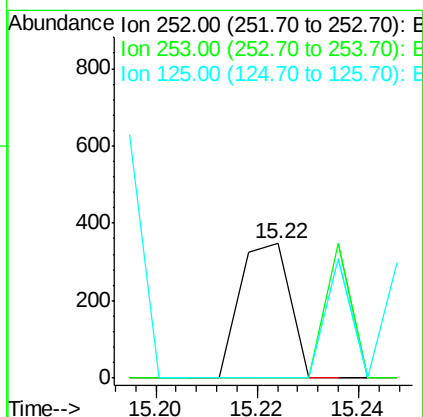
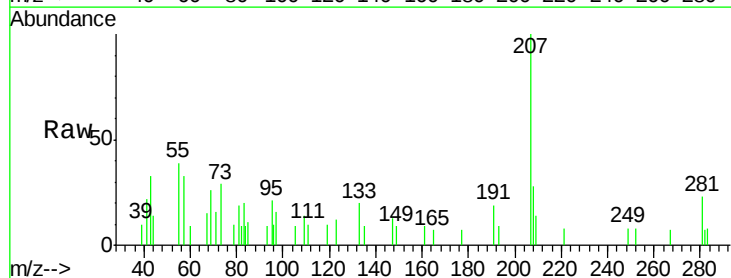
Instrument :
BNA_F
ClientSampleId :
TP-11-S

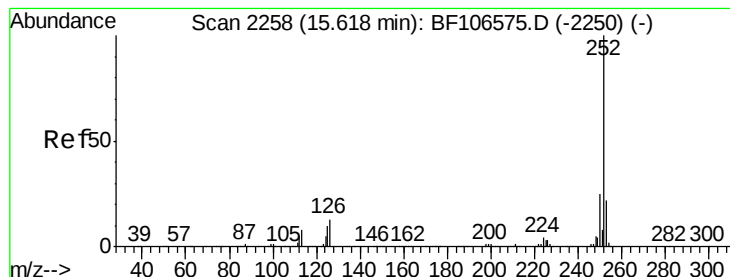
Tgt Ion:252 Resp: 238
Ion Ratio Lower Upper
252 100
253 0.0 17.0 25.6#
125 0.0 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 0.015 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF106592.D
Acq: 19 Jun 2018 19:49

Tgt Ion:252 Resp: 238
Ion Ratio Lower Upper
252 100
253 0.0 17.9 26.9#
125 0.0 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 0.065 ng

RT: 15.68 min Scan# 2269

Delta R.T. 0.06 min

Lab File: BF106592.D

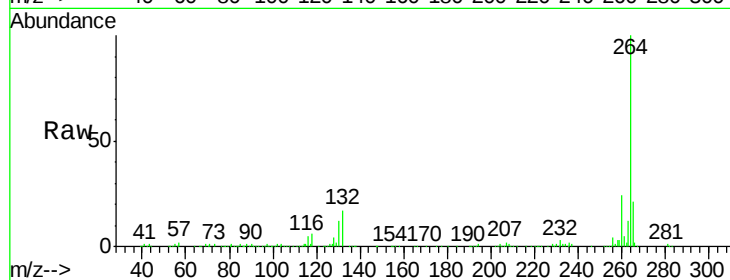
Acq: 19 Jun 2018 19:49

Instrument :

BNA_F

ClientSampleId :

TP-11-S



Tgt Ion:	252	Resp:	981
Ion	Ratio	Lower	Upper
252	100		
253	39.0	17.1	25.7#
125	65.1	9.8	14.6#

