

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103756.D
 Acq On : 19 Mar 2018 14:50
 Operator : JU/SJ
 Sample : J1750-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

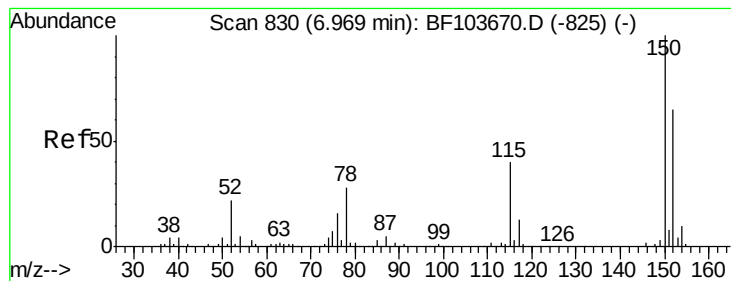
Quant Time: Mar 19 16:50:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 10:47:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	166520	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	679599	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	321226	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	588620	20.00	ng	0.00
75) Chrysene-d12	14.16	240	516257	20.00	ng	0.00
86) Perylene-d12	15.69	264	432539	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1253314	114.48	ng	0.02
7) Phenol-d6	6.60	99	1404965	104.89	ng	0.00
23) Nitrobenzene-d5	7.53	82	1064761	109.26	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	442314	160.15	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1742013	86.51	ng	0.00
78) Terphenyl-d14	13.10	244	1907377	85.76	ng	0.00

Target Compounds				Qvalue		
9) Benzaldehyde	6.75	77	28253	3.211	ng	82
19) n-Nitroso-di-n-propylamine	7.53	70	139191	16.215	ng	# 74
25) Isophorone	7.53	82	1064751	47.197	ng	# 64
27) 2,4-Dimethylphenol	7.96	122	45928	4.752	ng	# 4
32) Benzoic acid	7.96	122	45928	15.250	ng	98
47) 2-Nitroaniline	9.33	65	2939	7.267	ng	# 1
50) 2,6-Dinitrotoluene	10.01	165	41987	12.105	ng	# 25
55) 4-Nitrophenol	10.21	139	303	5.033	ng	# 9
56) 2,4-Dinitrotoluene	10.01	165	41987	12.299	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	958	8.604	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	26890	4.449	ng	# 1
68) Atrazine	11.30	200	14037	2.265	ng	# 37
69) Pentachlorophenol	11.30	266	70542	17.788	ng	97

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

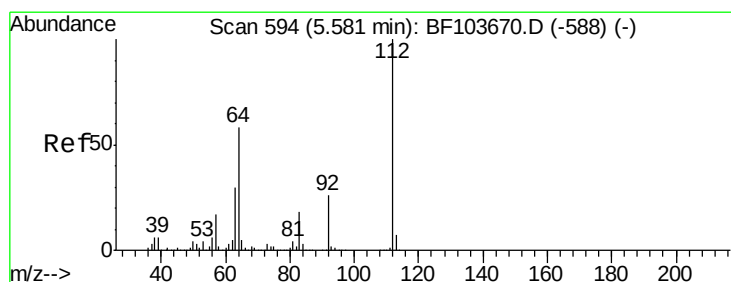
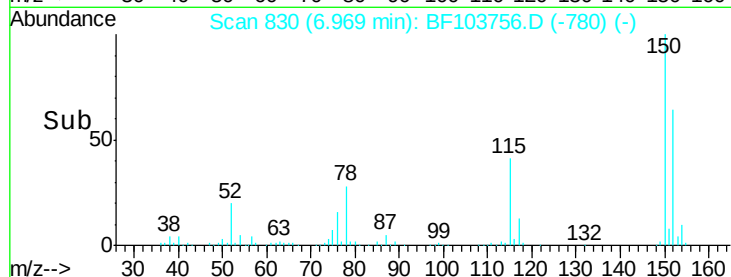
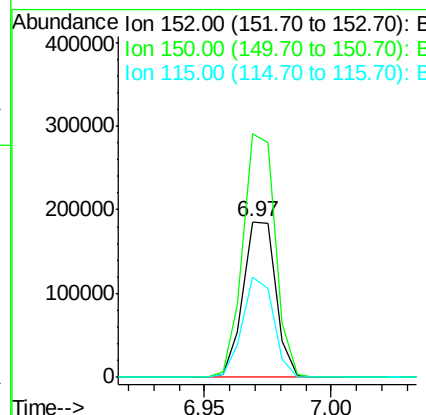
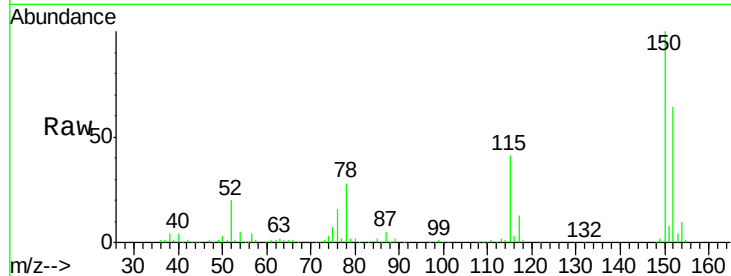


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF103756.D
Acq: 19 Mar 2018 14:50

Instrument :
BNA_F
ClientSampleId :

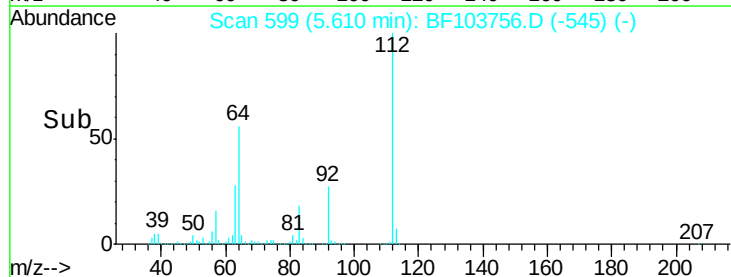
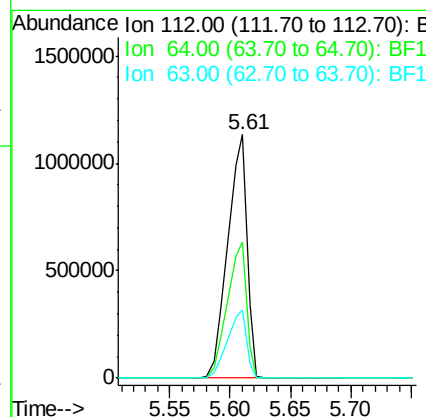
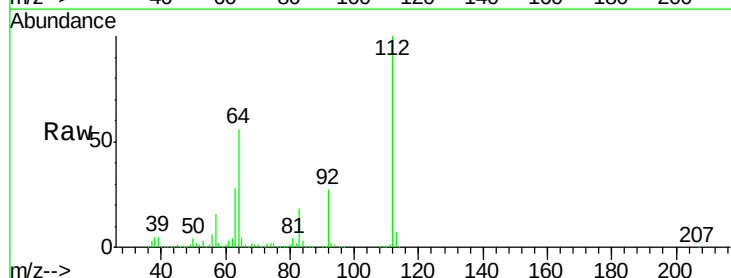
Tot Ion:152 Resp: 166520
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 64.2 50.1 75.1

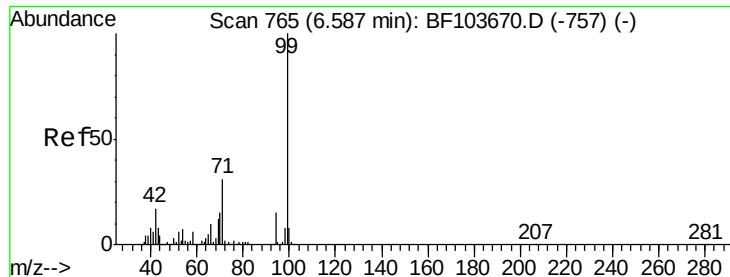


#5

2-Fluorophenol
Concen: 114.478 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.02 min
Lab File: BF103756.D
Acq: 19 Mar 2018 14:50

Tgt Ion:112 Resp: 1253314
Ion Ratio Lower Upper
112 100
64 55.7 47.9 71.9
63 28.0 23.7 35.5





#7

Phenol-d6

Concen: 104.893 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103756.D

Acq: 19 Mar 2018 14:50

Instrument :

BNA_F

ClientSampleId :

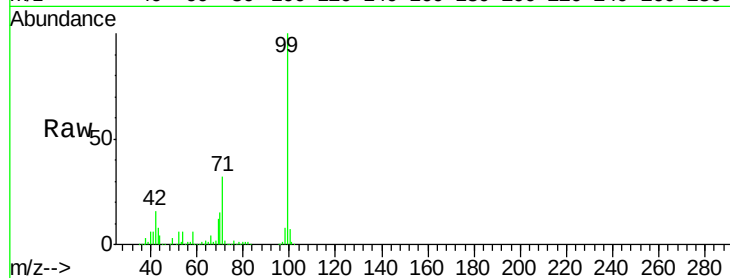
Tot Ion: 99 Resp: 1404965

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

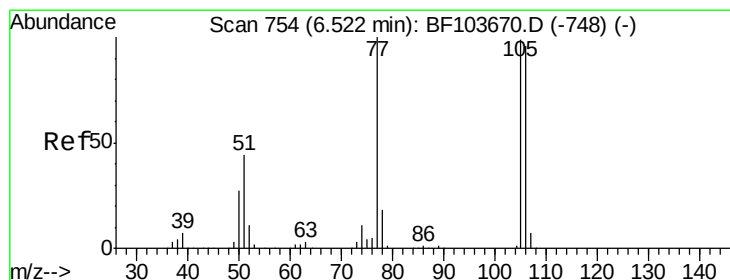
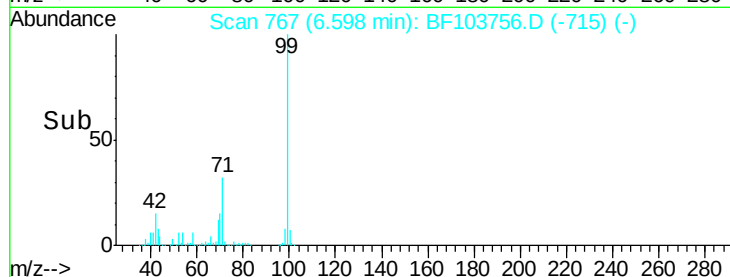
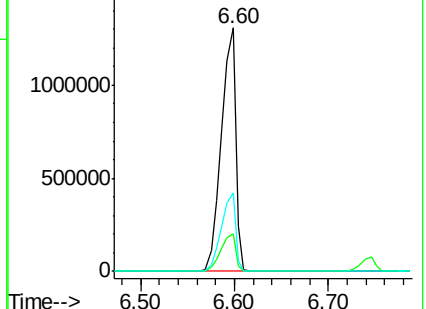
71 32.3 25.4 38.0



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: 3.211 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.22 min

Lab File: BF103756.D

Acq: 19 Mar 2018 14:50

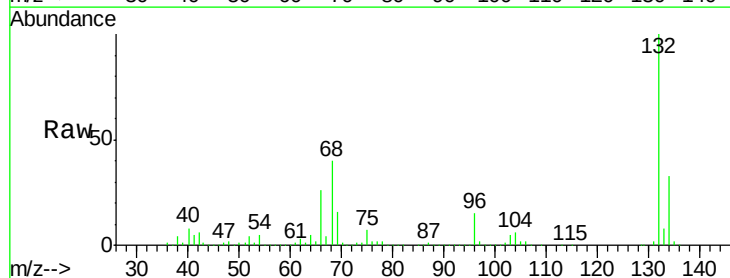
Tgt Ion: 77 Resp: 28253

Ion Ratio Lower Upper

77 100

105 81.9 81.1 121.1

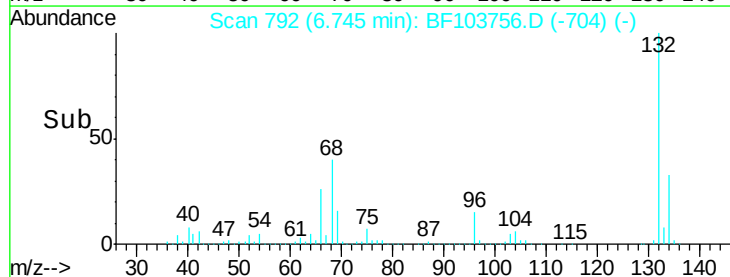
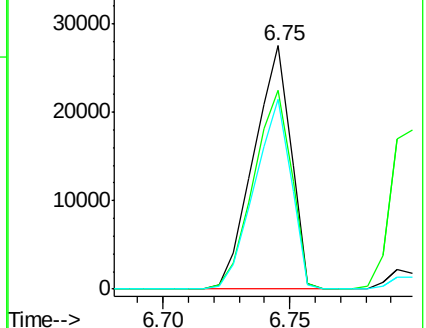
106 78.1 74.5 114.5

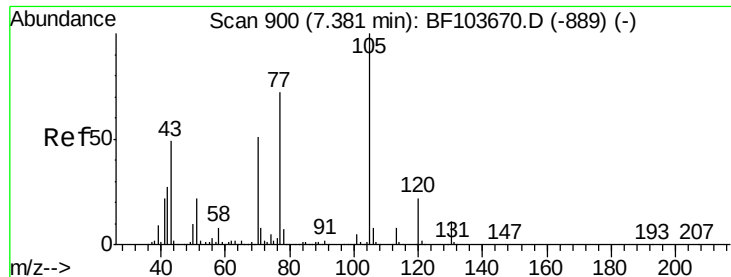


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 16.215 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.15 min

Lab File: BF103756.D

Acq: 19 Mar 2018 14:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 139191

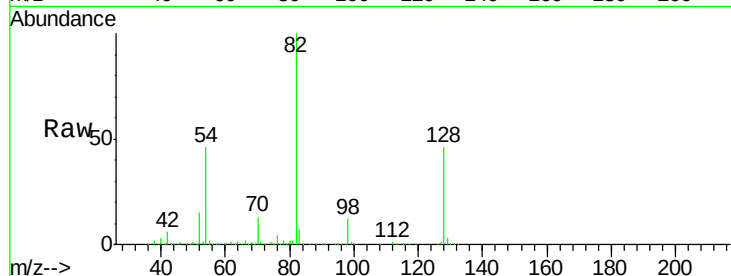
Ion Ratio Lower Upper

70 100

42 43.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

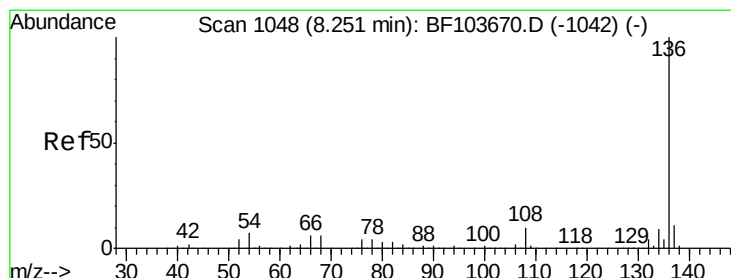
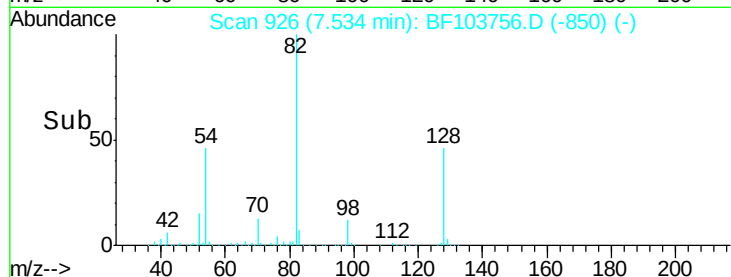
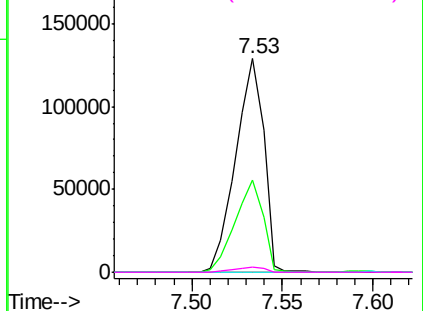


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF103756.D

Acq: 19 Mar 2018 14:50

Tgt Ion: 136 Resp: 679599

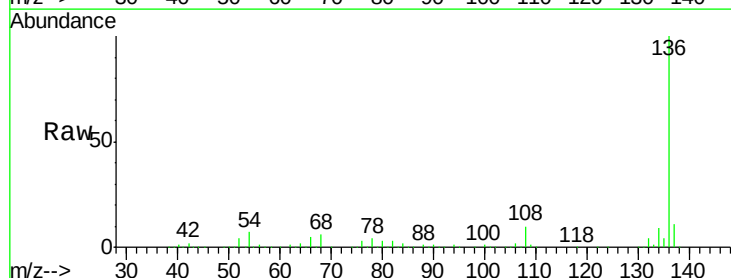
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.2 6.6 9.8

68 6.4 5.0 7.4

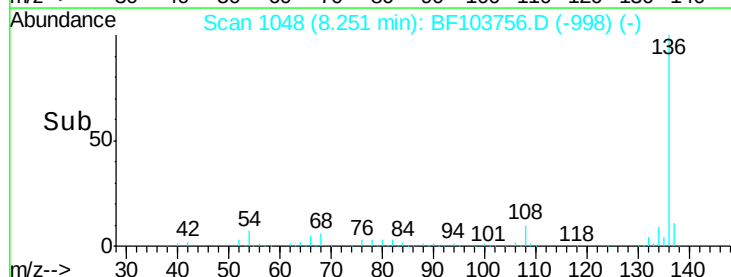
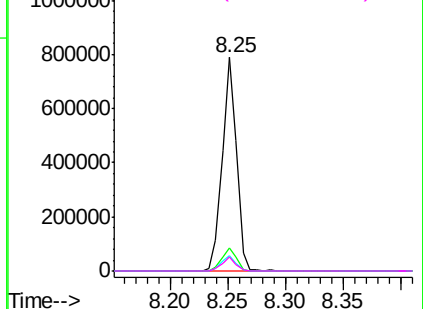


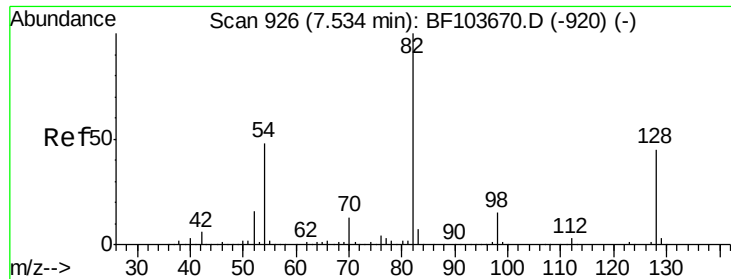
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

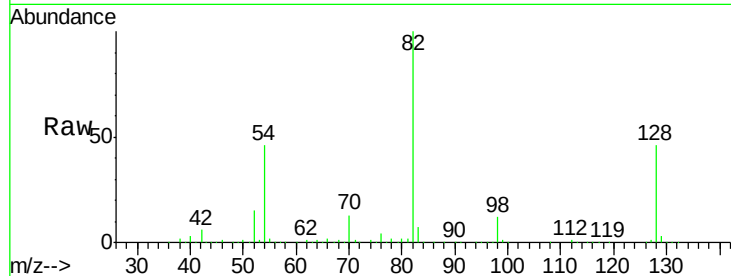




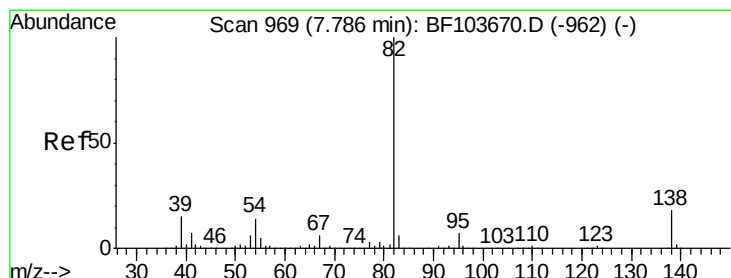
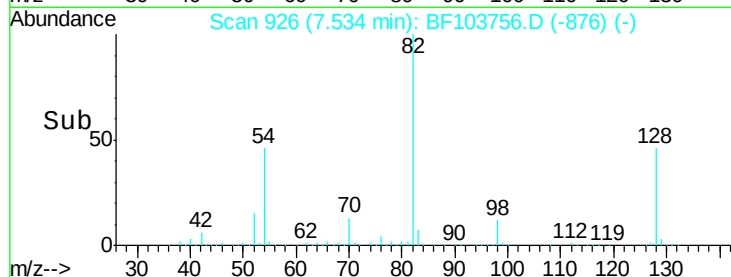
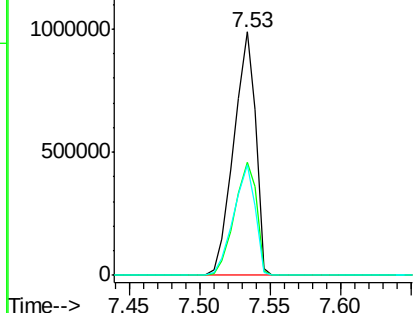
#23
Nitrobenzene-d5
Concen: 109.259 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF103756.D
Acq: 19 Mar 2018 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1064761
Ion Ratio Lower Upper
82 100
128 46.2 36.1 54.1
54 45.5 41.4 62.2

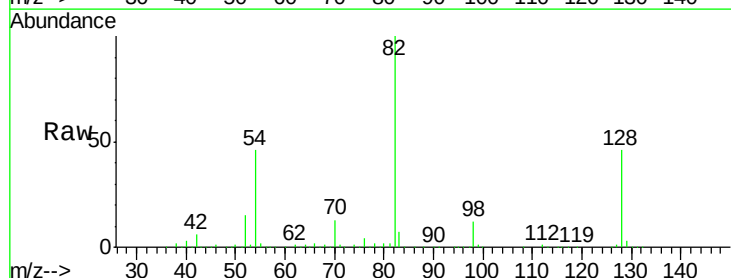


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

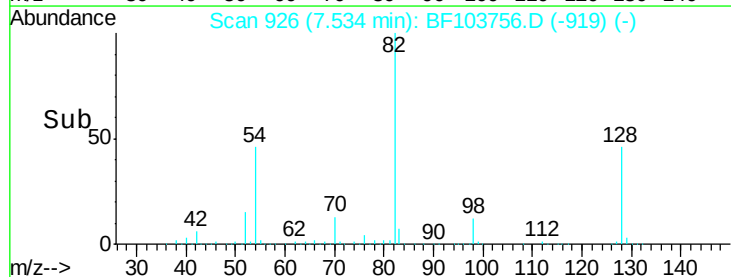
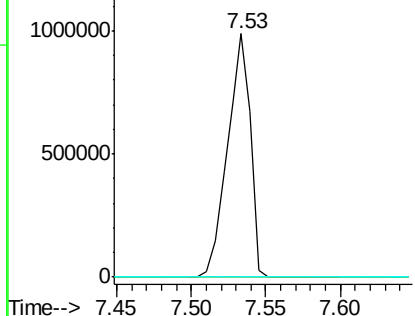


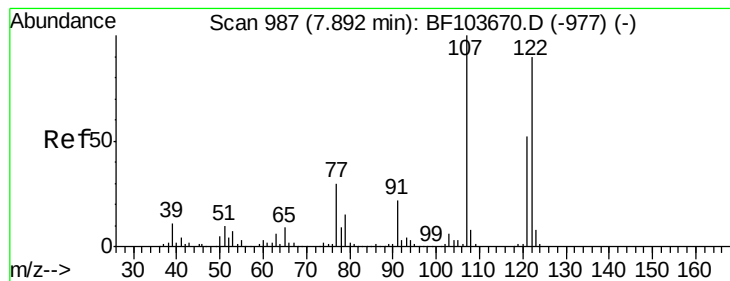
#25
Isophorone
Concen: 47.197 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.26 min
Lab File: BF103756.D
Acq: 19 Mar 2018 14:50

Tgt Ion: 82 Resp: 1064751
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





#27

2,4-Dimethylphenol

Concen: 4.752 ng

RT: 7.96 min Scan# 998

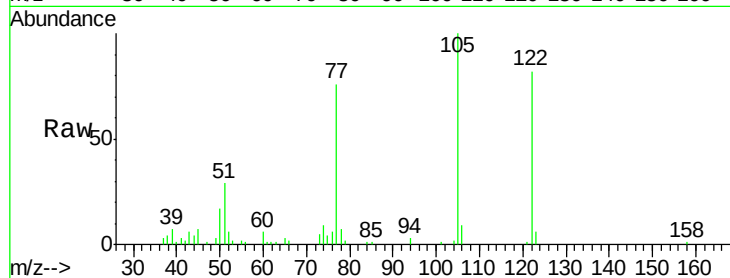
Delta R.T. 0.06 min

Lab File: BF103756.D

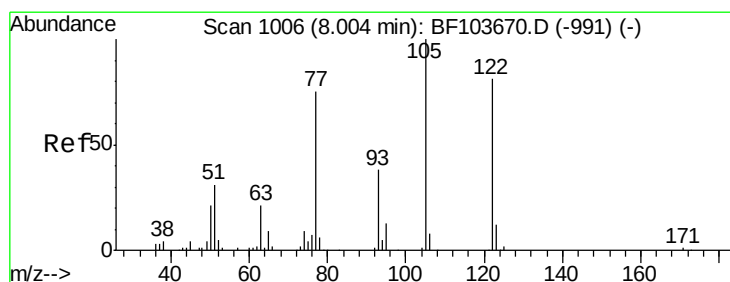
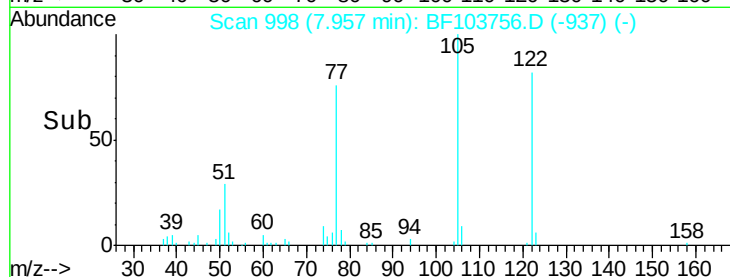
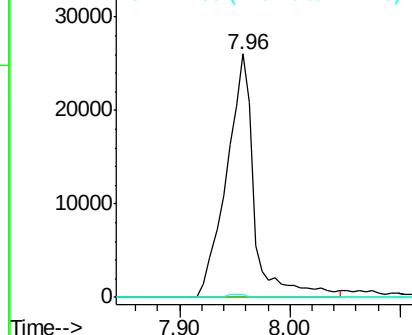
Acq: 19 Mar 2018 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 45928
Ion Ratio Lower Upper
122 100
107 0.0 91.2 136.8#
121 1.2 47.2 70.8#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#32

Benzoic acid

Concen: 15.250 ng

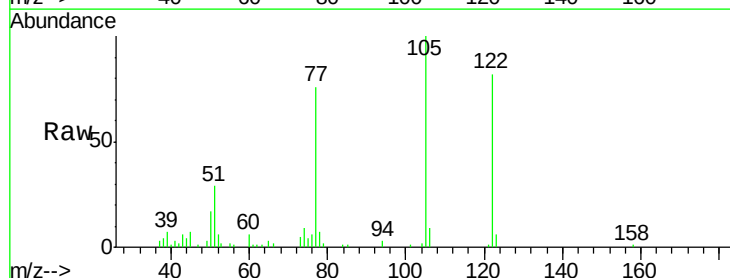
RT: 7.96 min Scan# 998

Delta R.T. -0.06 min

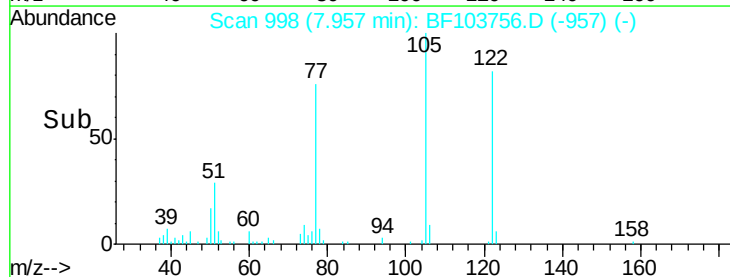
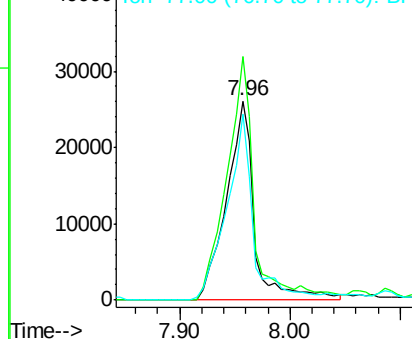
Lab File: BF103756.D

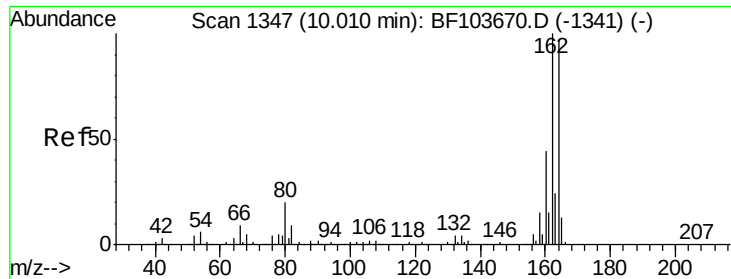
Acq: 19 Mar 2018 14:50

Tgt Ion:122 Resp: 45928
Ion Ratio Lower Upper
122 100
105 122.5 101.1 141.1
77 93.6 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

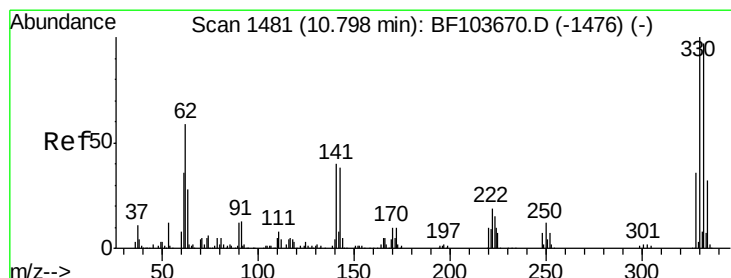
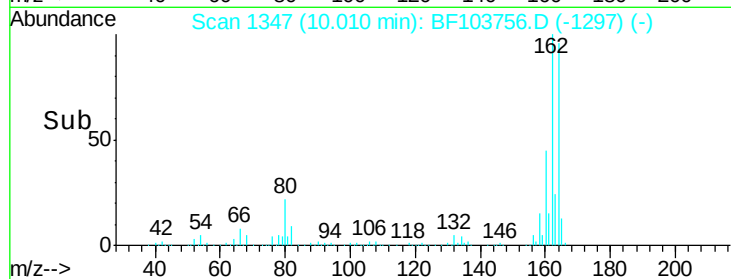
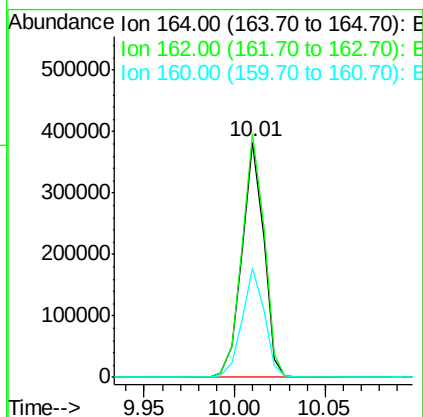
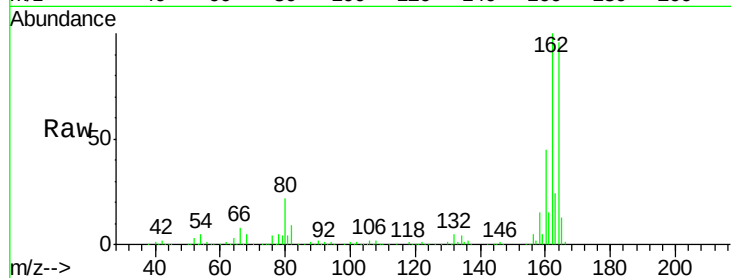




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF103756.D
Acq: 19 Mar 2018 14:50

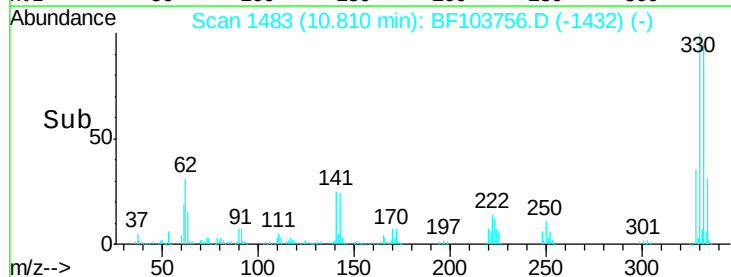
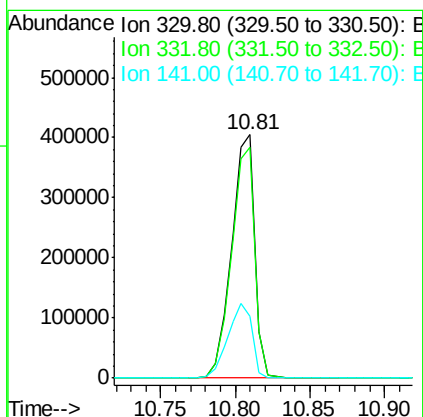
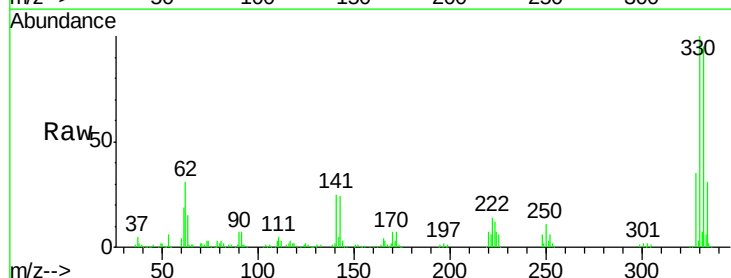
Instrument :
BNA_F
ClientSampleId :

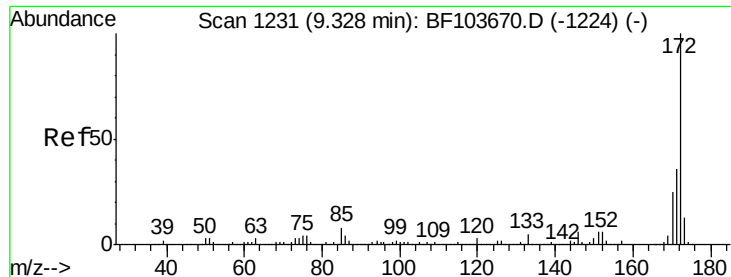
Tot Ion:164 Resp: 321226
Ion Ratio Lower Upper
164 100
162 103.7 86.1 129.1
160 46.3 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 160.147 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BF103756.D
Acq: 19 Mar 2018 14:50

Tgt Ion:330 Resp: 442314
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.6
141 32.5 29.9 44.9

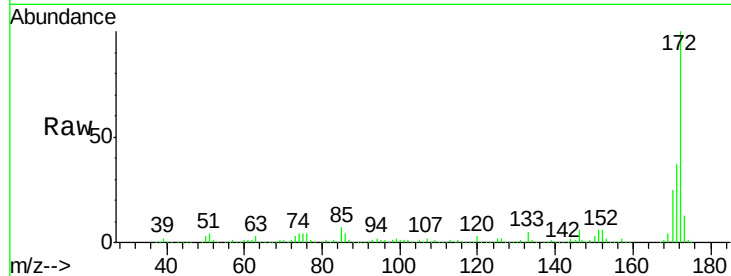




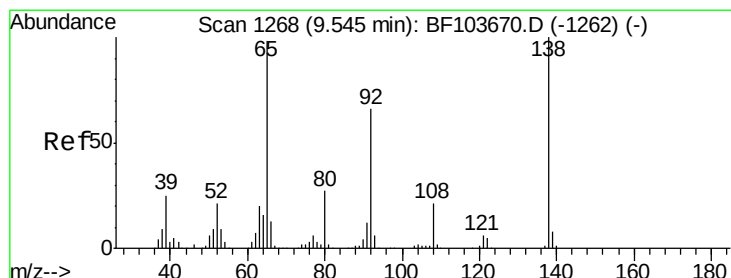
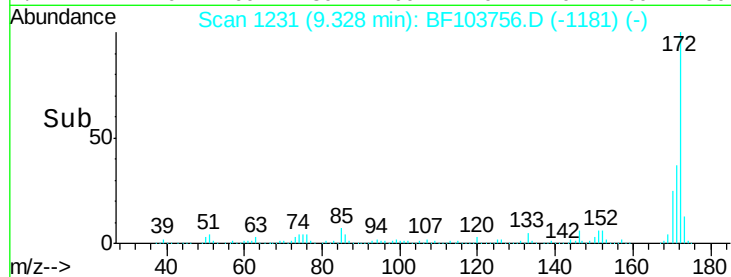
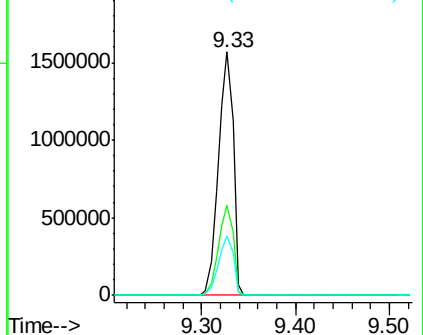
#44
 2-Fluorobiphenyl
 Concen: 86.505 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103756.D
 Acq: 19 Mar 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1742013
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.5 19.6 29.4

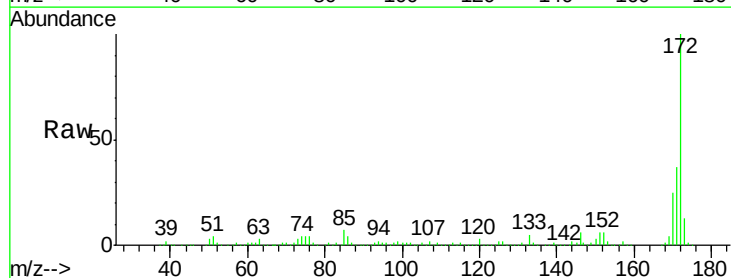


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

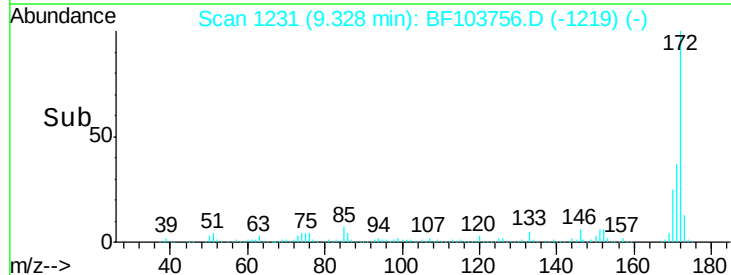
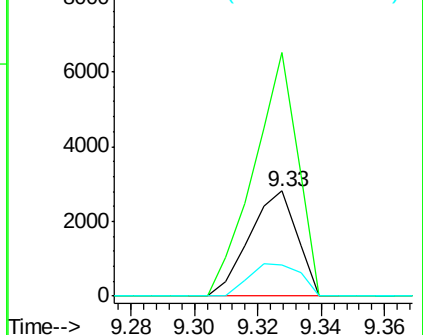


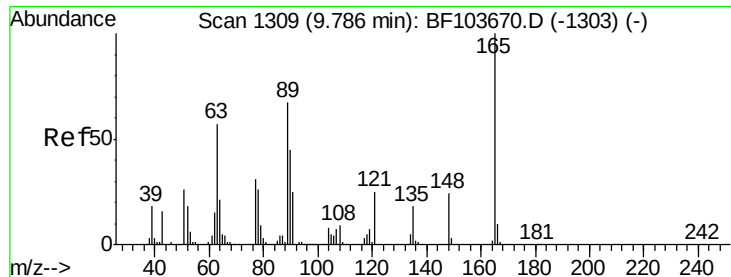
#47
 2-Nitroaniline
 Concen: 7.267 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.23 min
 Lab File: BF103756.D
 Acq: 19 Mar 2018 14:50

Tgt Ion: 65 Resp: 2939
 Ion Ratio Lower Upper
 65 100
 92 232.4 55.8 83.6#
 138 29.6 91.2 136.8#



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

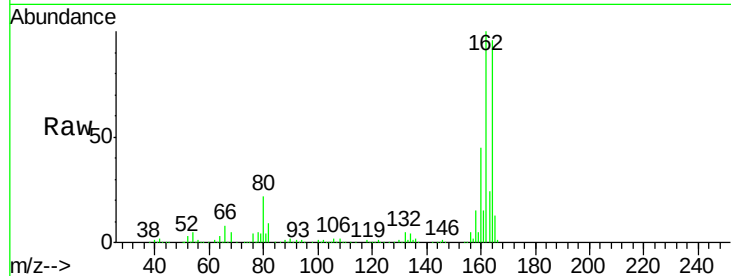




#50
 2,6-Dinitrotoluene
 Concen: 12.105 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.21 min
 Lab File: BF103756.D
 Acq: 19 Mar 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :

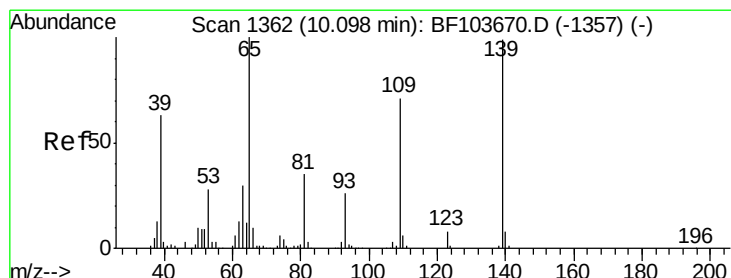
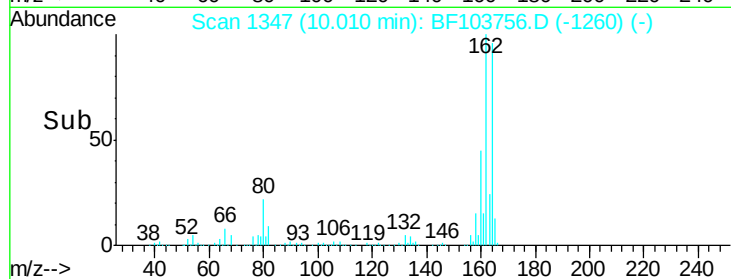
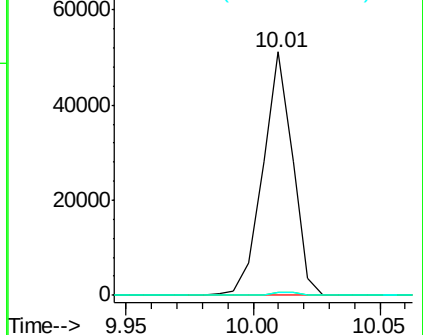
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.1	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

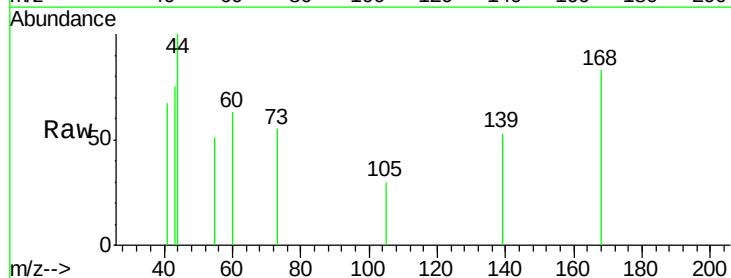
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#55
 4-Nitrophenol
 Concen: 5.033 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.09 min
 Lab File: BF103756.D
 Acq: 19 Mar 2018 14:50

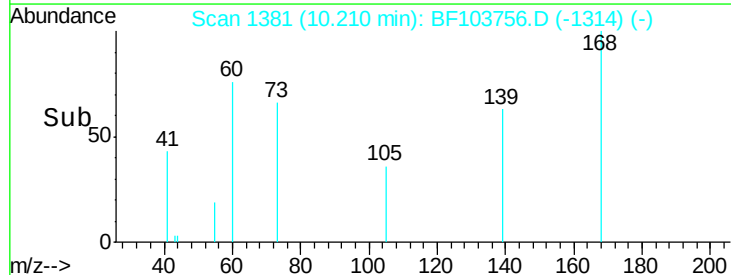
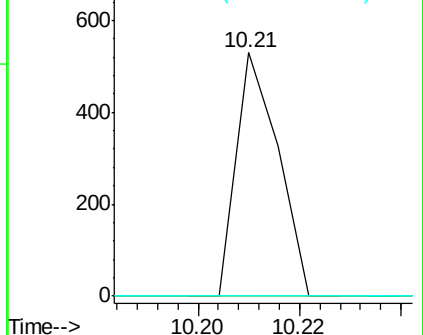
Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#

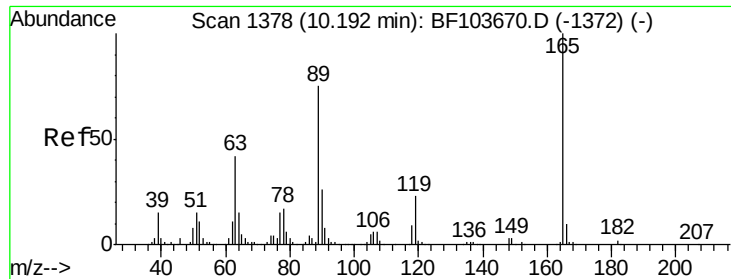


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

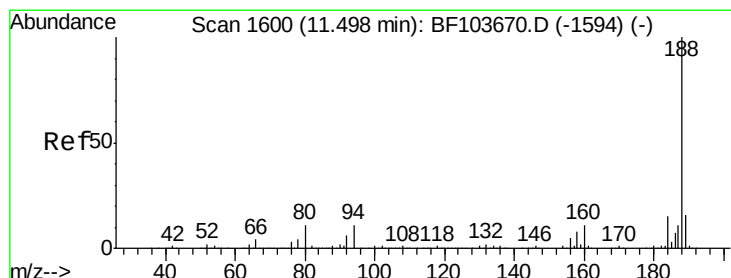
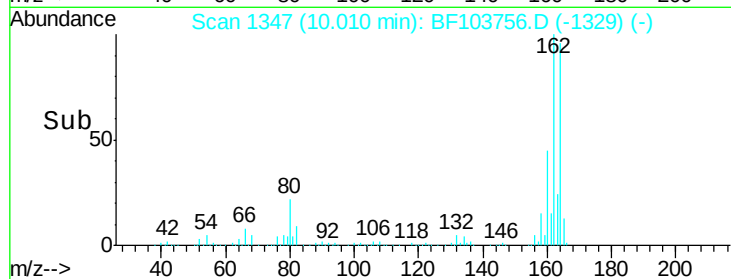
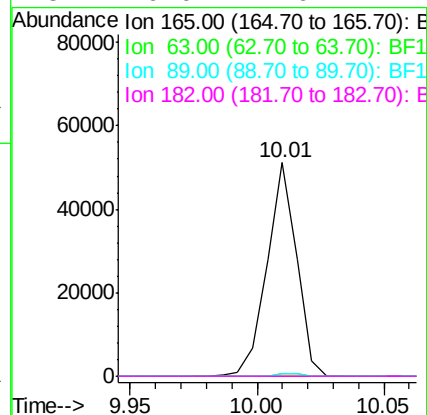
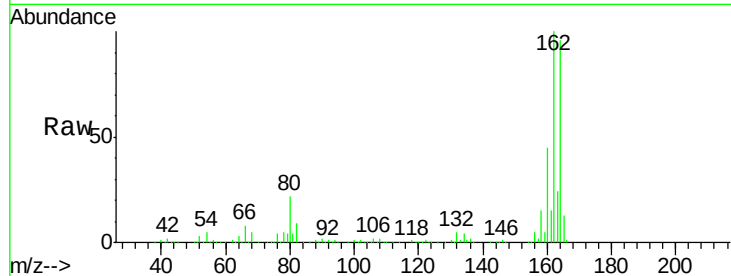




#56
 2,4-Dinitrotoluene
 Concen: 12.299 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.19 min
 Lab File: BF103756.D
 Acq: 19 Mar 2018 14:50

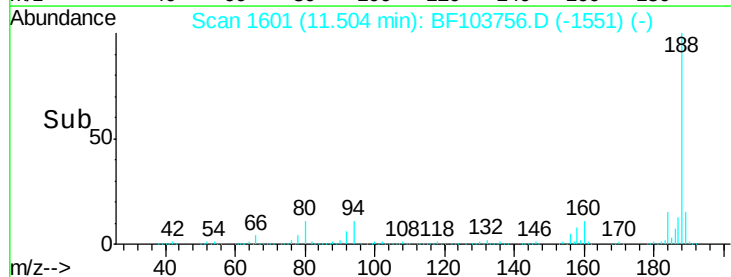
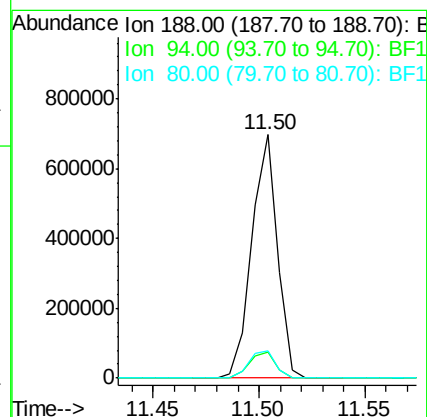
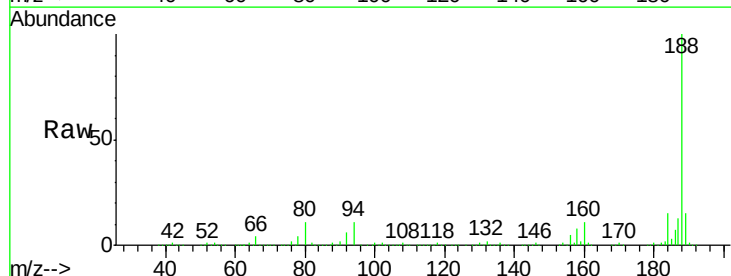
Instrument :
 BNA_F
 ClientSampleId :

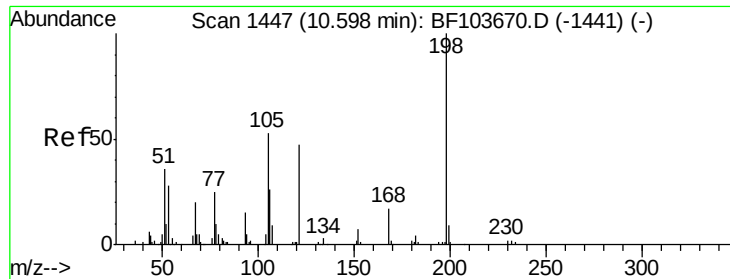
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF103756.D
 Acq: 19 Mar 2018 14:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.4	9.2	13.8

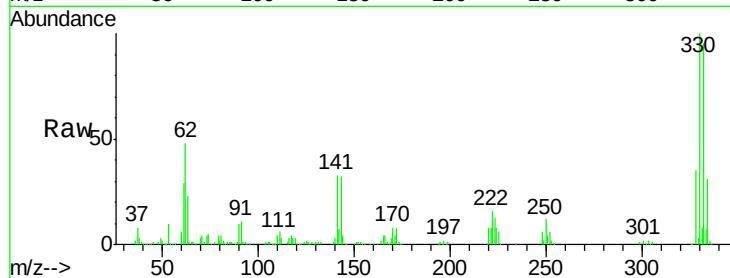




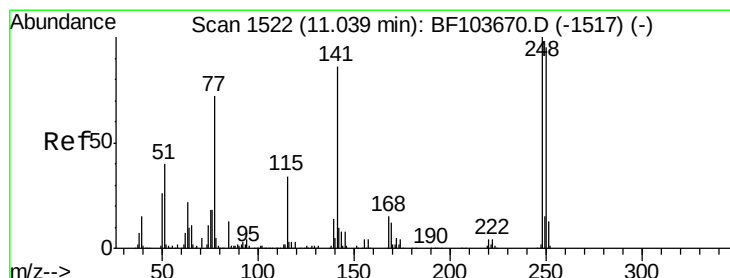
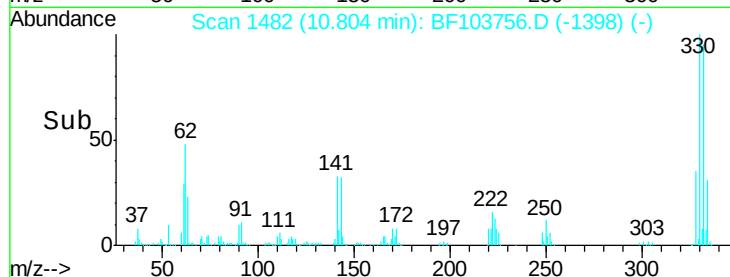
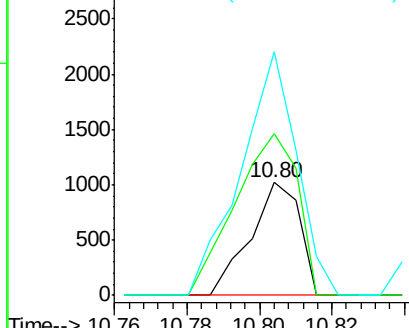
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.604 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.19 min
 Lab File: BF103756.D
 Acq: 19 Mar 2018 14:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 958
 Ion Ratio Lower Upper
 198 100
 51 144.0 37.7 77.7#
 105 216.3 36.3 76.3#

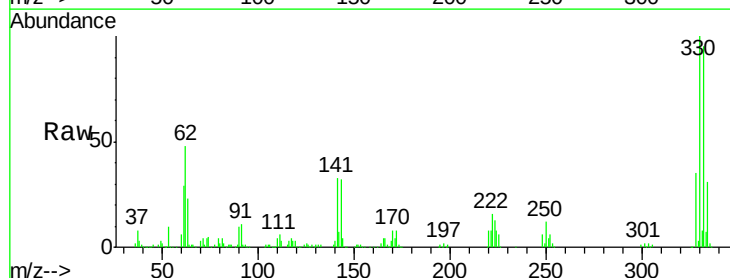


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

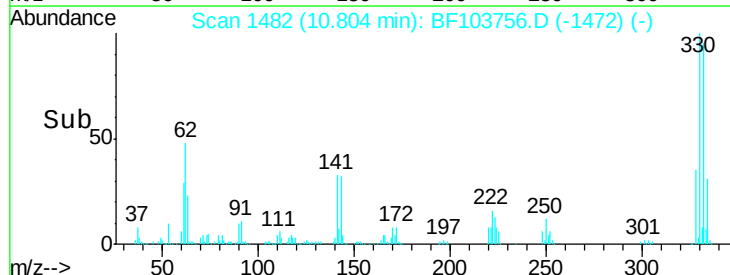
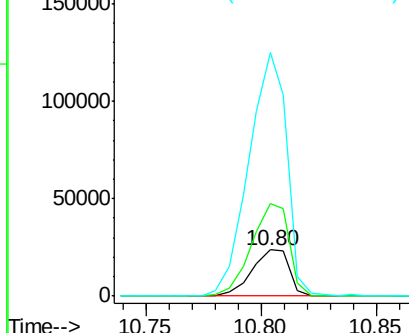


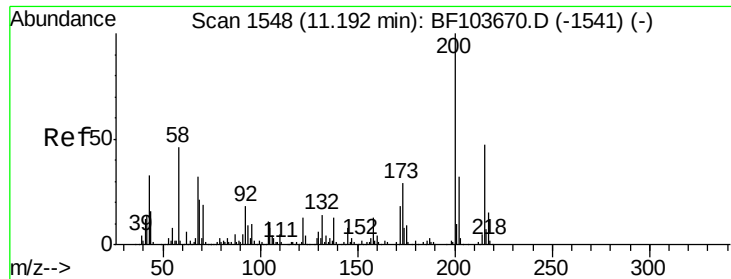
#66
 4-Bromophenyl-phenylether
 Concen: 4.449 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.24 min
 Lab File: BF103756.D
 Acq: 19 Mar 2018 14:50

Tgt Ion:248 Resp: 26890
 Ion Ratio Lower Upper
 248 100
 250 199.3 76.9 115.3#
 141 525.1 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

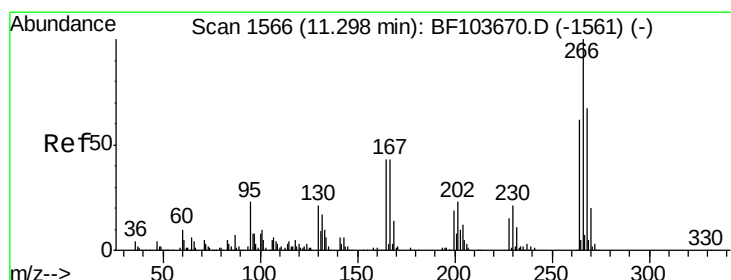
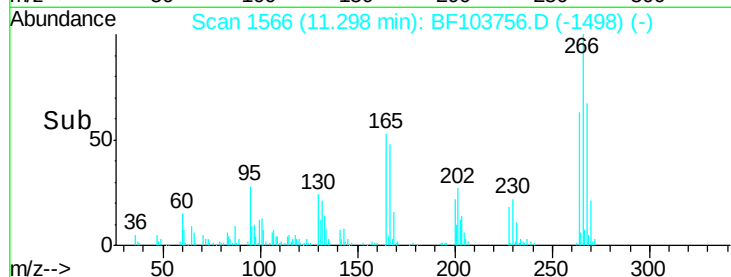
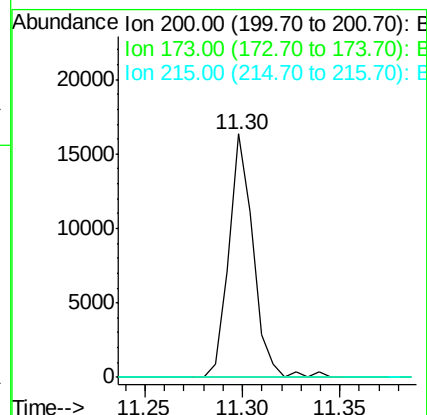
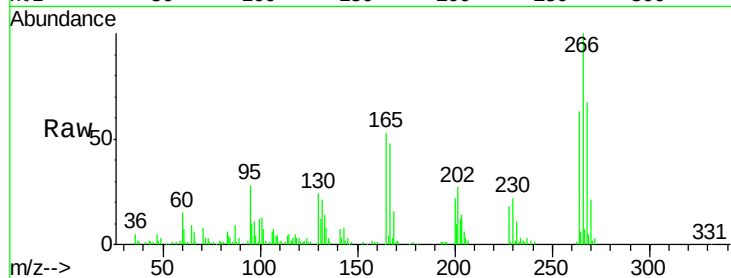




#68
Atrazine
Concen: 2.265 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.10 min
Lab File: BF103756.D
Acq: 19 Mar 2018 14:50

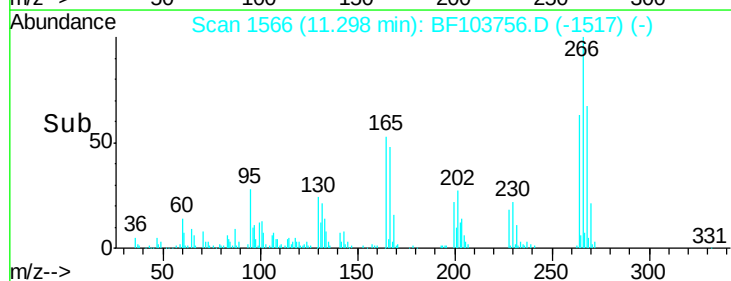
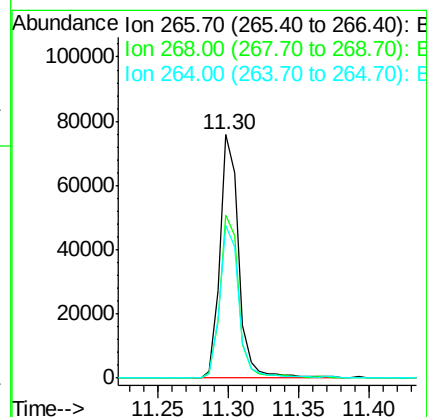
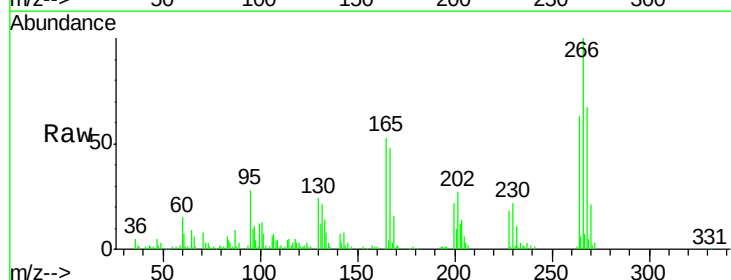
Instrument :
BNA_F
ClientSampleId :

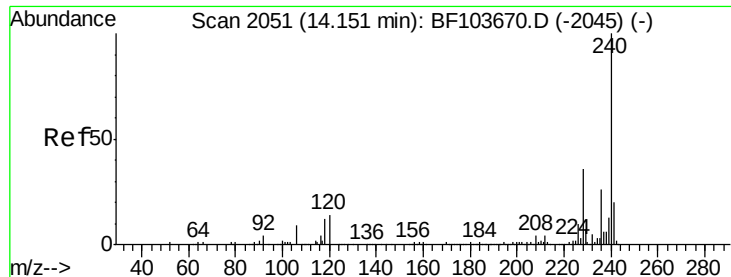
Tot Ion	Ratio	Lower	Upper
200	100		
173	0.0	8.6	48.6#
215	0.0	25.1	65.1#



#69
Pentachlorophenol
Concen: 17.788 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF103756.D
Acq: 19 Mar 2018 14:50

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.0	51.1	76.7
264	62.7	49.5	74.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF103756.D

Acq: 19 Mar 2018 14:50

Instrument :

BNA_F

ClientSampleId :

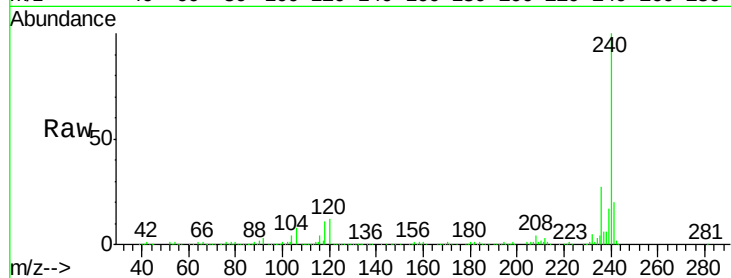
Tot Ion:240 Resp: 516257

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

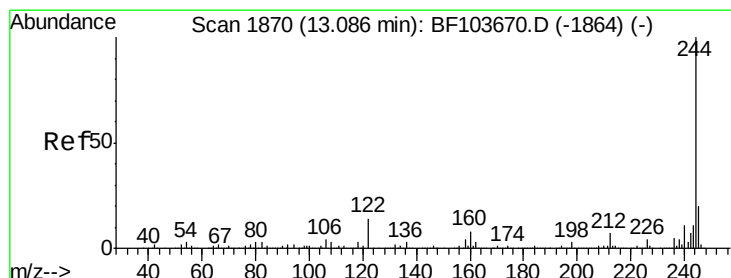
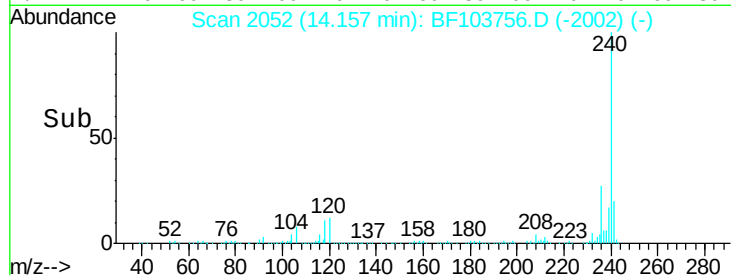
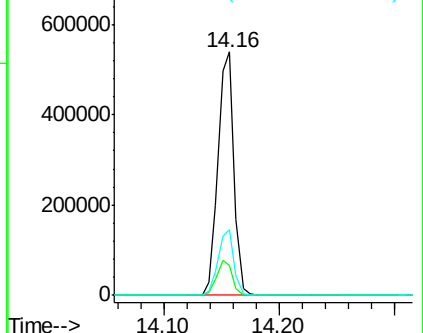
236 26.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 85.758 ng

RT: 13.10 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BF103756.D

Acq: 19 Mar 2018 14:50

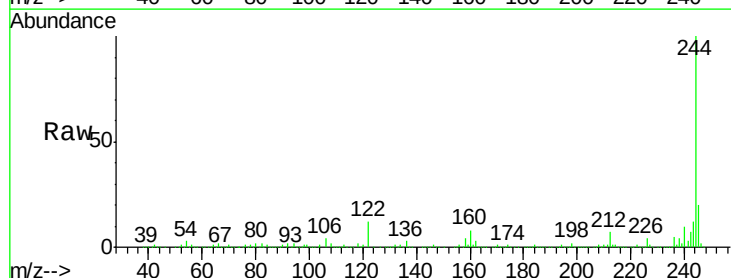
Tgt Ion:244 Resp: 1907377

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

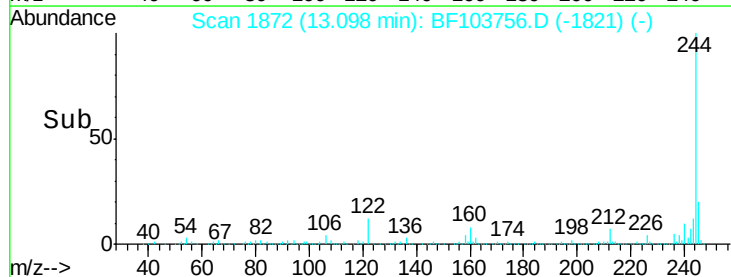
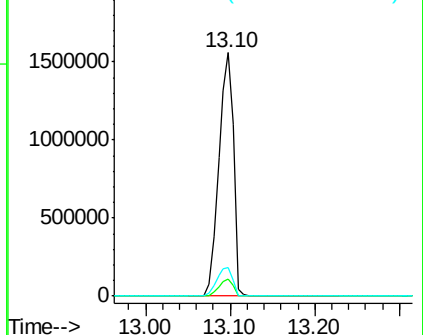
122 11.8 11.0 16.4

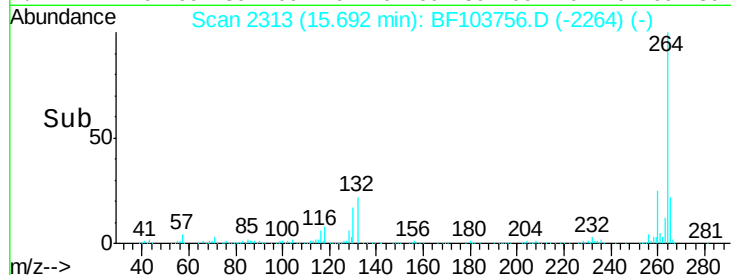
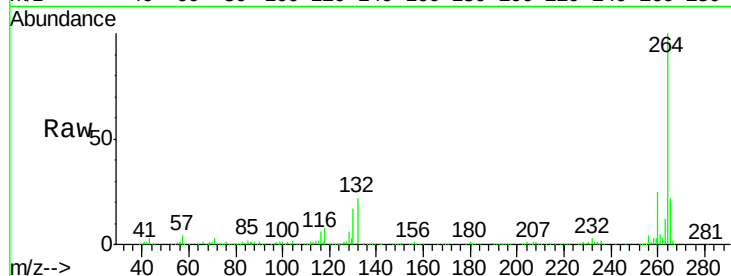
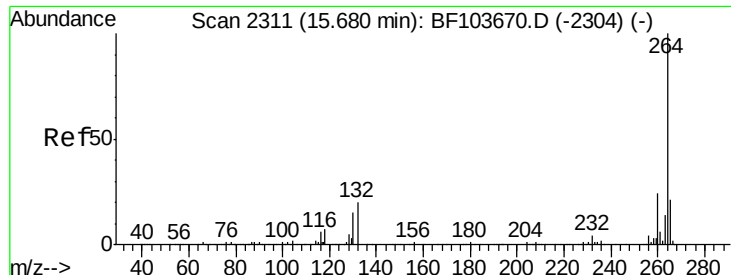


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. -0.01 min
 Lab File: BF103756.D
 Acq: 19 Mar 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	432539
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.0	17.5	26.3

