

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100412.D
 Acq On : 11 Nov 2017 1:13
 Operator : SJ/JU
 Sample : I6332-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 13 07:15:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	173185	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	653816	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	266863	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	412527	20.00	ng	0.00
75) Chrysene-d12	14.06	240	348086	20.00	ng	0.00
86) Perylene-d12	15.54	264	271705	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	712341	65.93	ng	0.00
7) Phenol-d6	6.52	99	540910	40.60	ng	0.00
23) Nitrobenzene-d5	7.47	82	1085831	109.80	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	321939	118.39	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1732335	98.85	ng	0.00
78) Terphenyl-d14	13.01	244	1309303	86.43	ng	0.00

Target Compounds

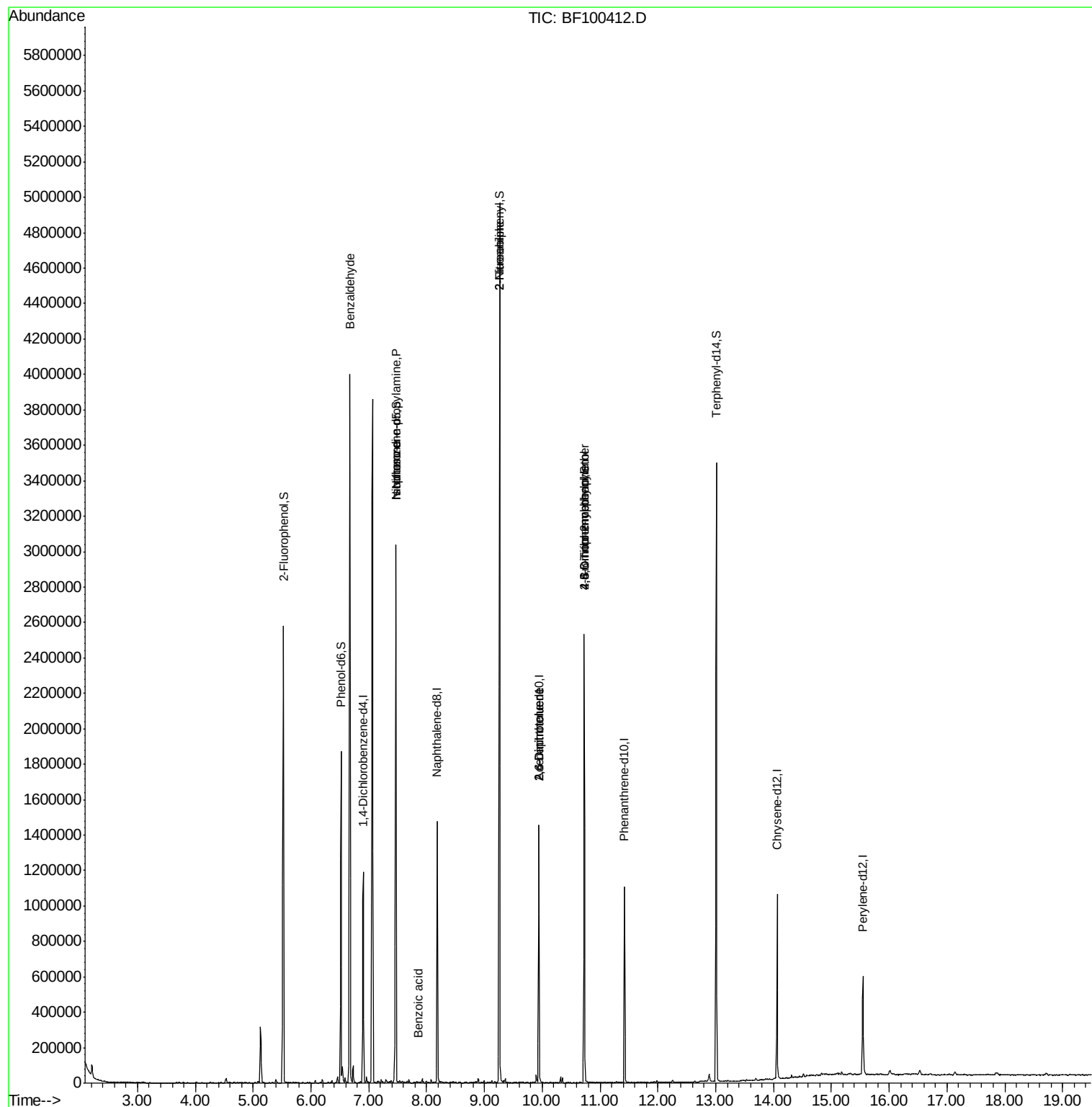
						Qvalue
9) Benzaldehyde	6.67	77	25289	2.658	ng	84
19) n-Nitroso-di-n-propylamine	7.47	70	143704	15.554	ng	# 81
25) Isophorone	7.47	82	1085821	52.249	ng	# 64
32) Benzoic acid	7.86	122	410	9.417	ng	# 73
47) 2-Nitroaniline	9.26	65	2797	3.316	ng	# 1
50) 2,6-Dinitrotoluene	9.94	165	34298	8.504	ng	# 25
56) 2,4-Dinitrotoluene	9.94	165	34298	6.741	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.73	198	557	8.790	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	19677	4.450	ng	# 1

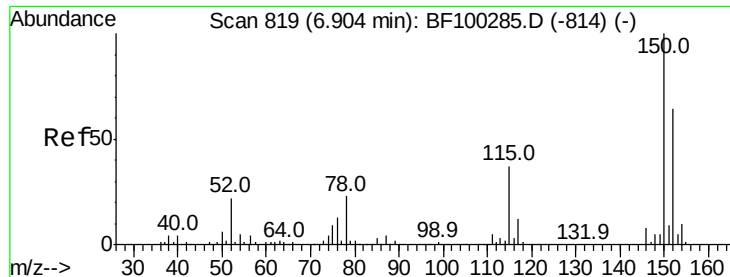
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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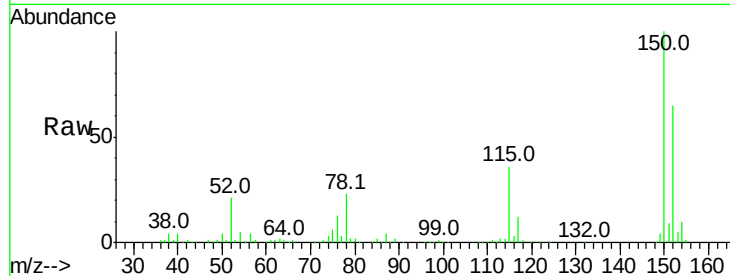


#1

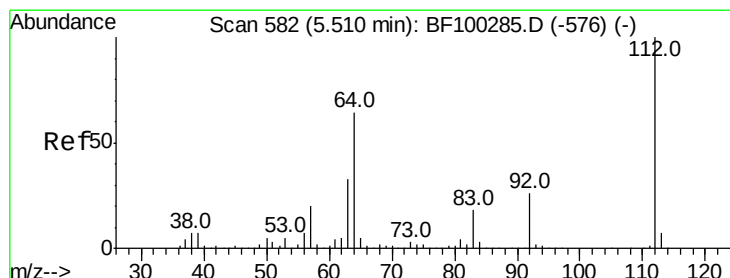
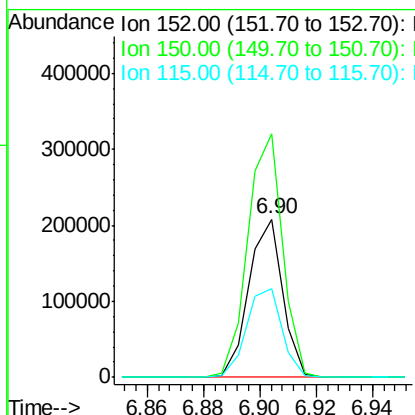
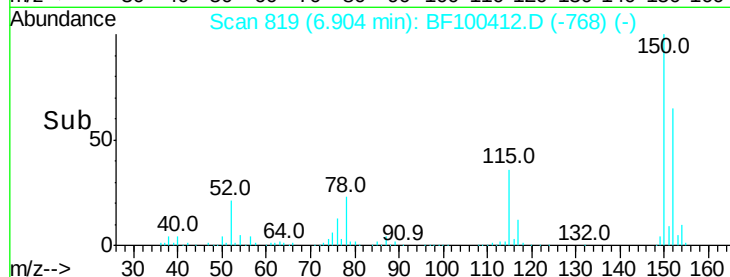
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100412.D
Acq: 11 Nov 2017 1:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.6	186.8
115	55.7	50.1	75.1



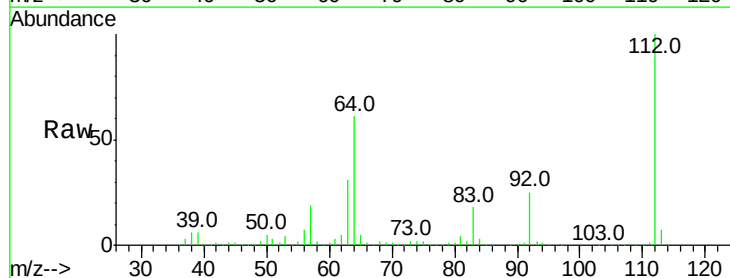
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



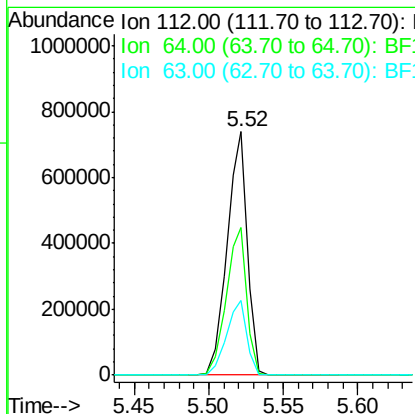
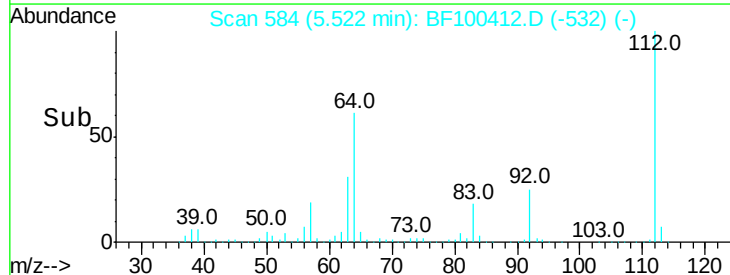
#5

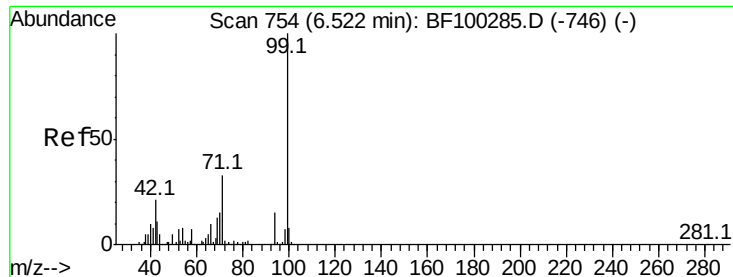
2-Fluorophenol
Concen: 65.934 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF100412.D
Acq: 11 Nov 2017 1:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.7	47.9	71.9
63	30.6	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





#7

Phenol-d6

Concen: 40.601 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF100412.D

Acq: 11 Nov 2017 1:13

Instrument :

BNA_F

ClientSampleId :

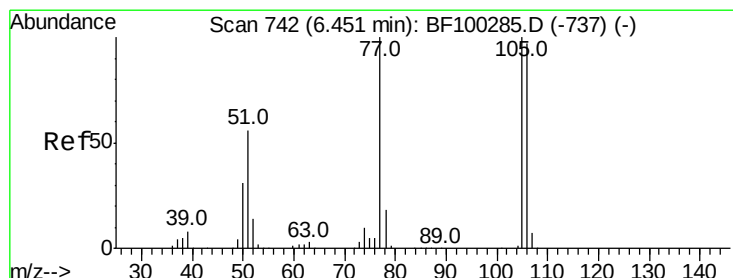
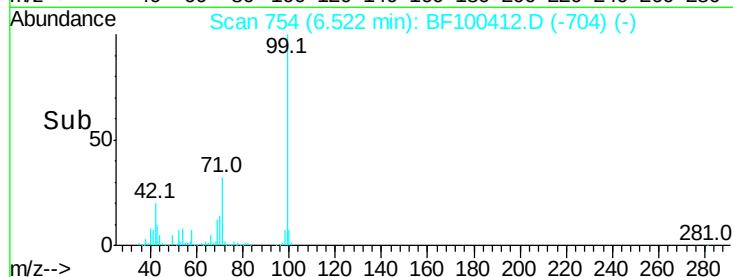
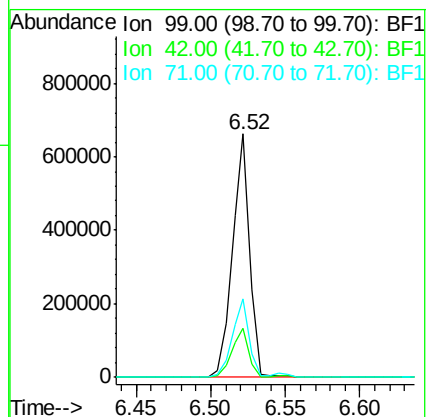
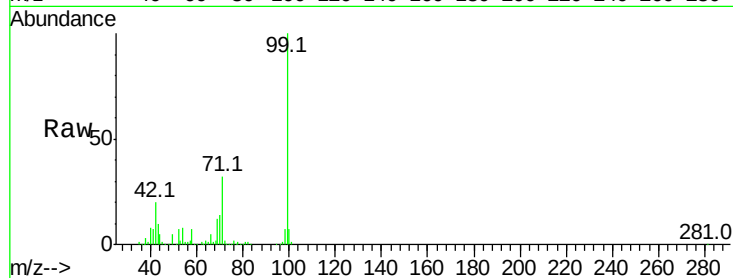
Tot Ion: 99 Resp: 540910

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

71 32.4 25.4 38.0



#9

Benzaldehyde

Concen: 2.658 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.22 min

Lab File: BF100412.D

Acq: 11 Nov 2017 1:13

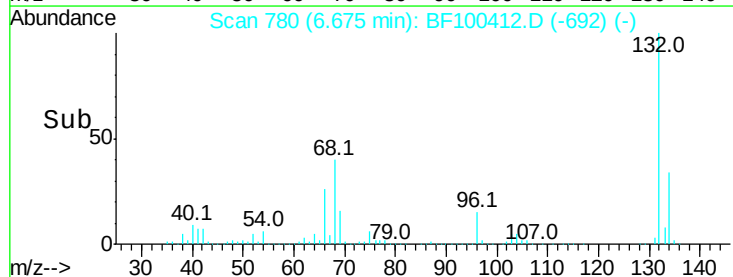
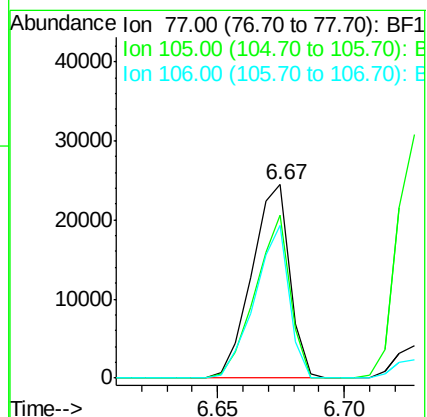
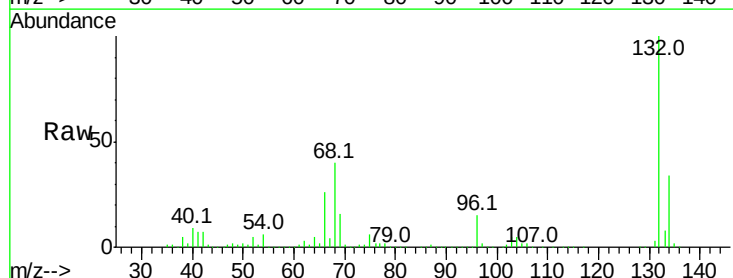
Tgt Ion: 77 Resp: 25289

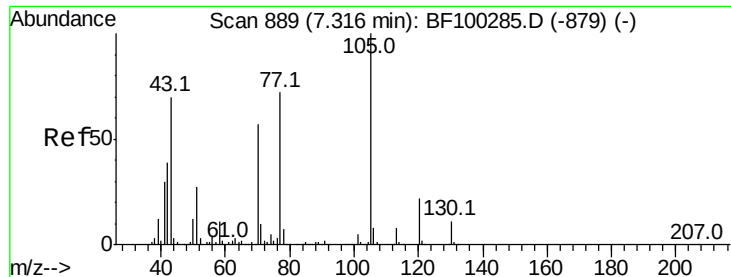
Ion Ratio Lower Upper

77 100

105 84.4 81.1 121.1

106 78.6 74.5 114.5





#19

n-Nitroso-di-n-propylamine

Concen: 15.554 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.15 min

Lab File: BF100412.D

Acq: 11 Nov 2017 1:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 143704

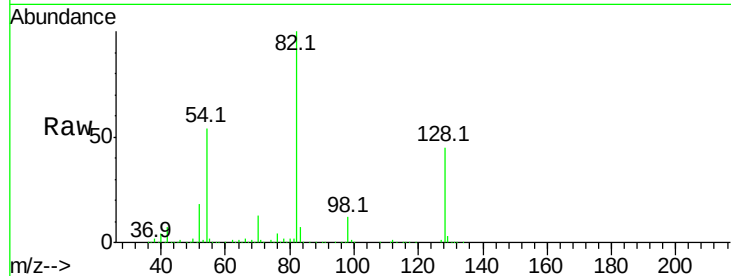
Ion Ratio Lower Upper

70 100

42 51.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

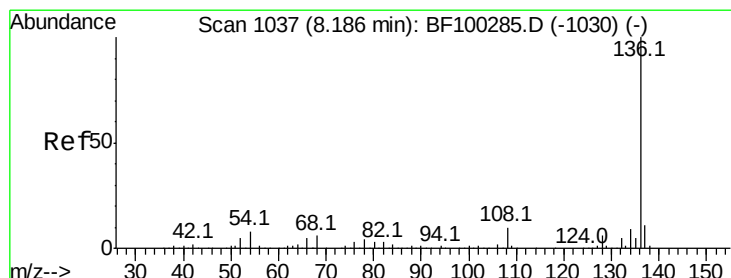
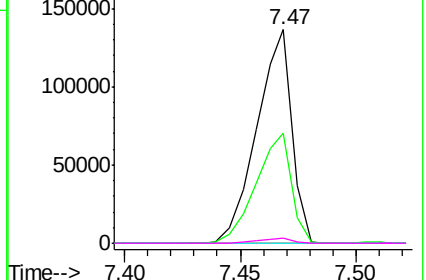
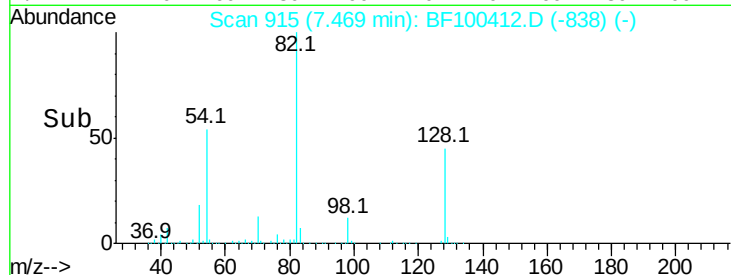


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100412.D

Acq: 11 Nov 2017 1:13

Tgt Ion: 136 Resp: 653816

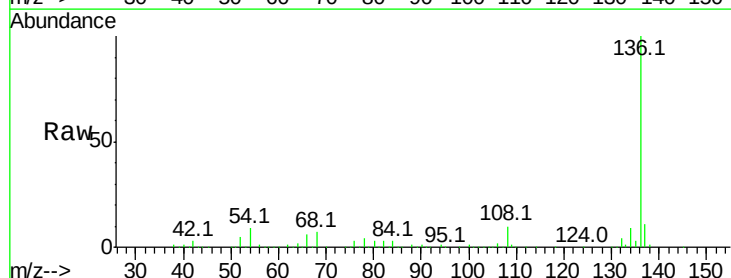
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.5 6.6 9.8

68 6.6 5.0 7.4

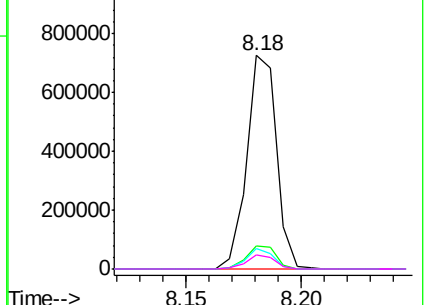
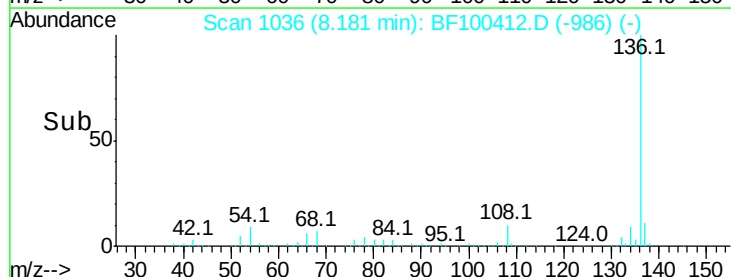


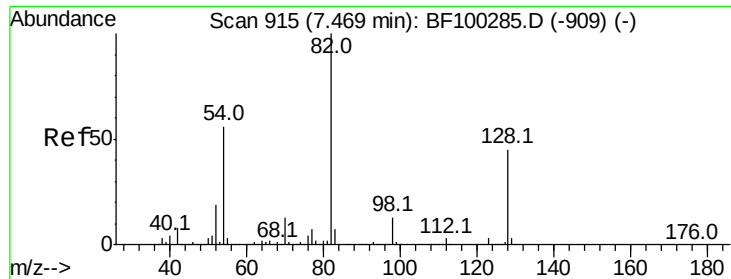
Abundance Ion 136.00 (135.70 to 136.70): BF1

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



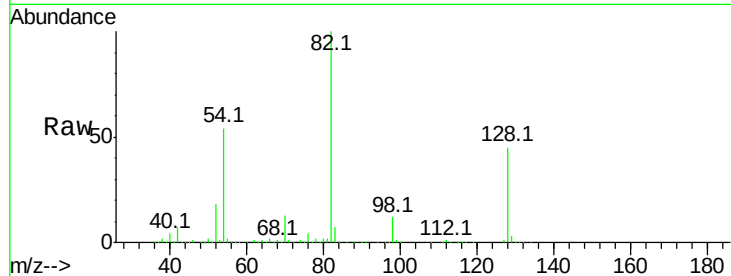


#23
 Nitrobenzene-d5
 Concen: 109.798 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: BF100412.D
 Acq: 11 Nov 2017 1:13

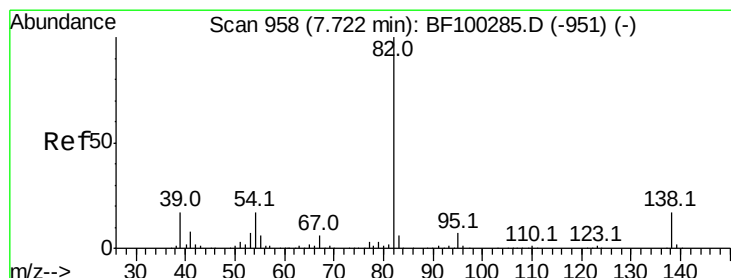
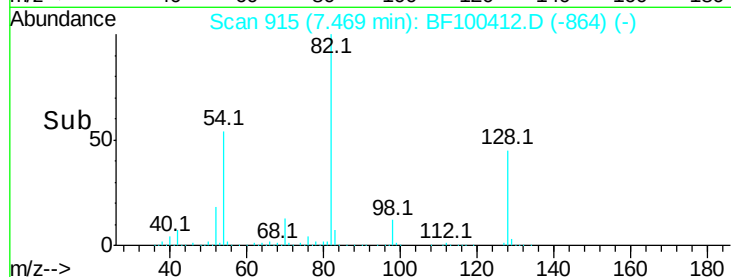
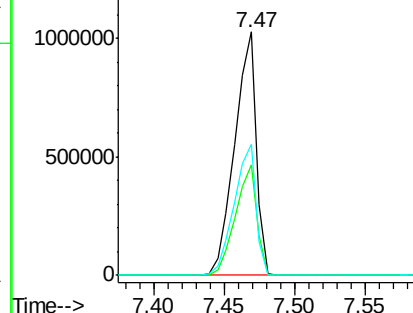
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1085831

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	54.0	41.4	62.2



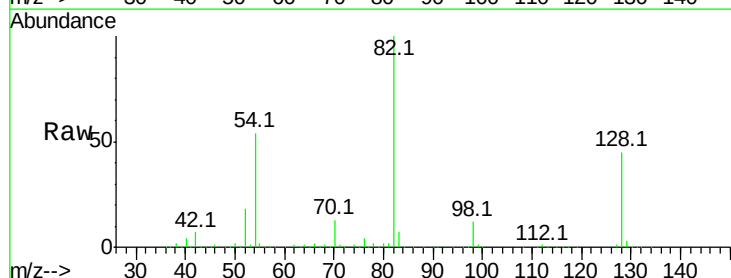
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



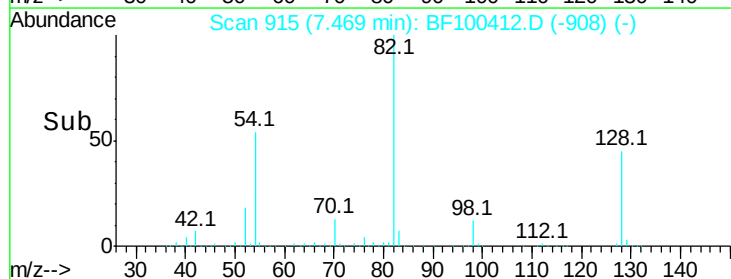
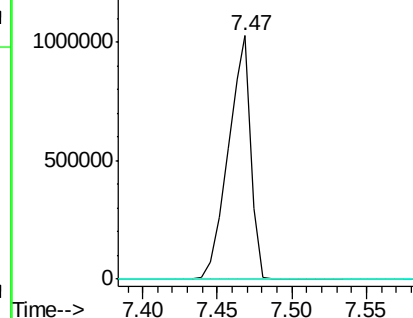
#25
 Isophorone
 Concen: 52.249 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.26 min
 Lab File: BF100412.D
 Acq: 11 Nov 2017 1:13

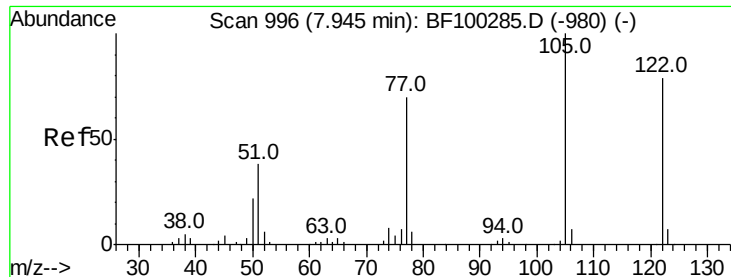
Tgt Ion: 82 Resp: 1085821

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

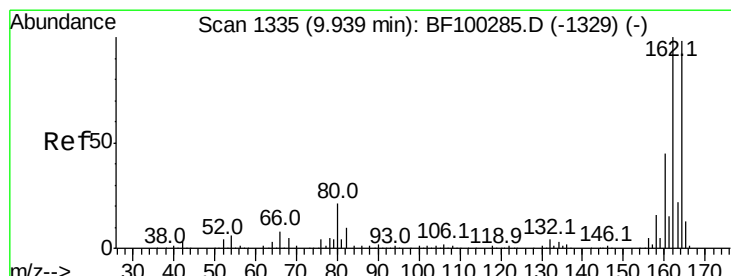
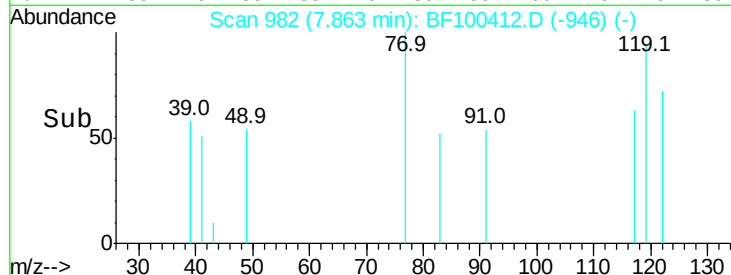
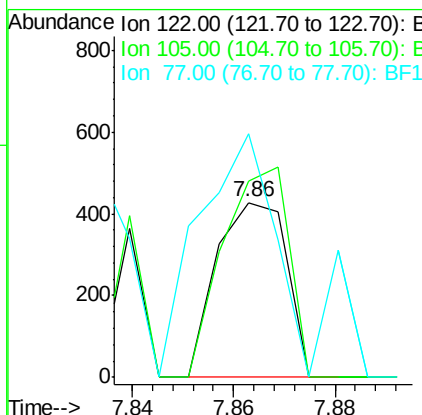
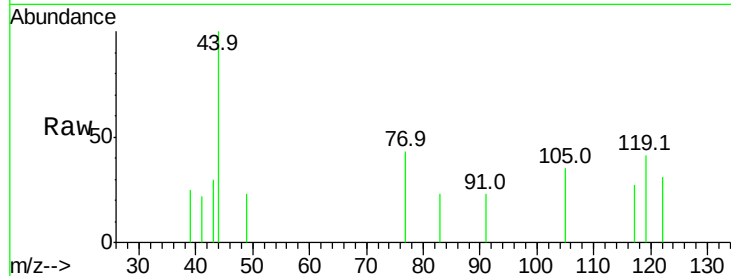




#32
Benzoic acid
Concen: 9.417 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.09 min
Lab File: BF100412.D
Acq: 11 Nov 2017 1:13

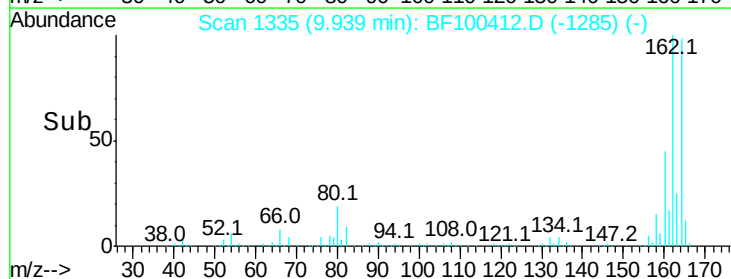
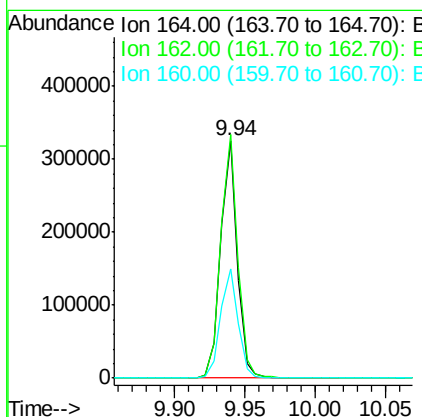
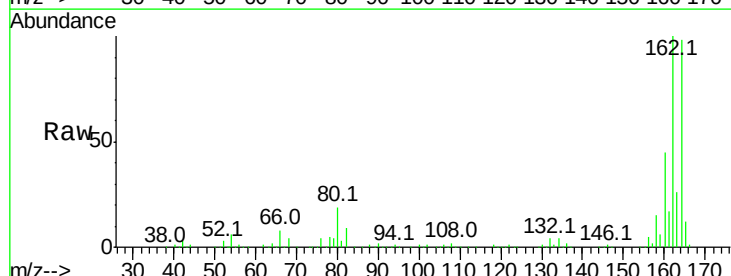
Instrument :
BNA_F
ClientSampled :

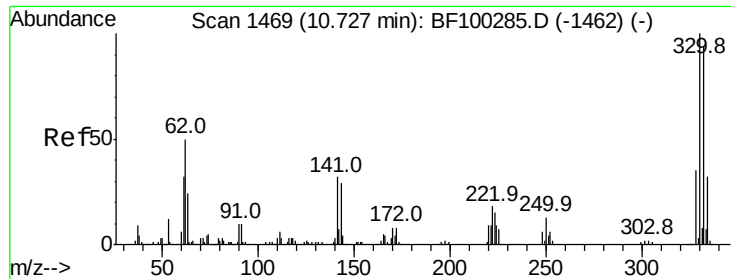
Tot Ion:122 Resp: 410
Ion Ratio Lower Upper
122 100
105 111.9 101.1 141.1
77 139.3 70.7 110.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100412.D
Acq: 11 Nov 2017 1:13

Tgt Ion:164 Resp: 266863
Ion Ratio Lower Upper
164 100
162 102.4 86.1 129.1
160 45.9 38.3 57.5

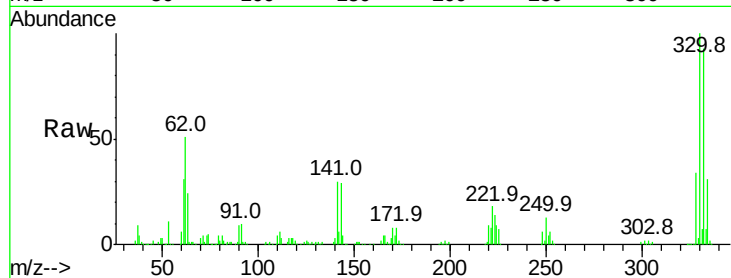




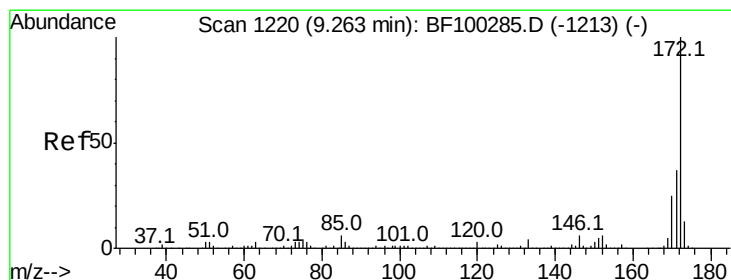
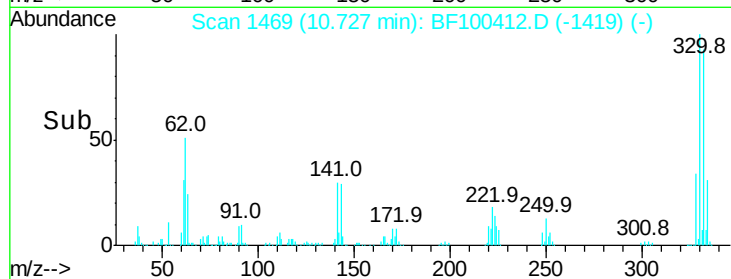
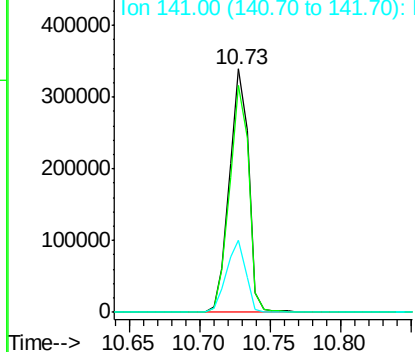
#41
 2,4,6-Tribromophenol
 Concen: 118.389 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100412.D
 Acq: 11 Nov 2017 1:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.0	115.6
141	29.9	29.9	44.9#

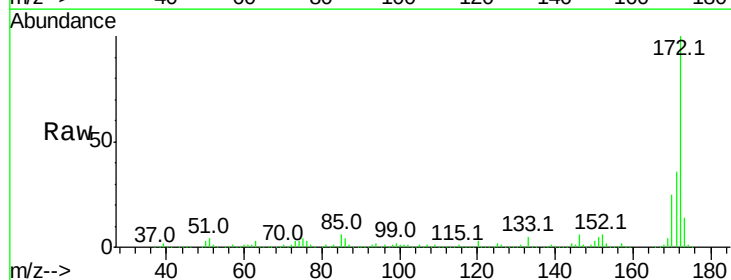


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

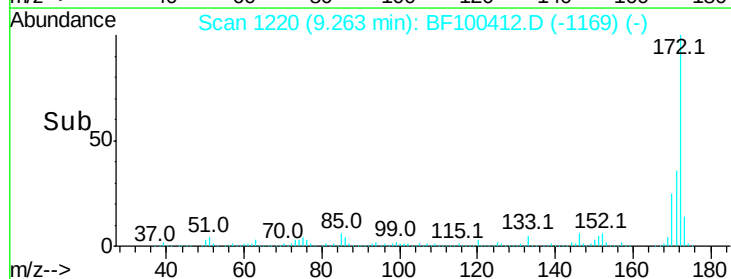
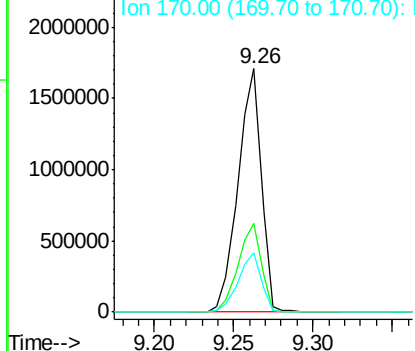


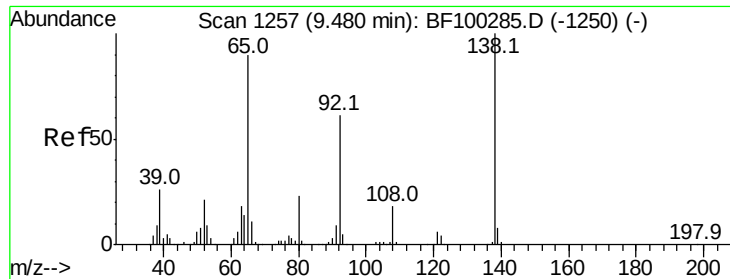
#44
 2-Fluorobiphenyl
 Concen: 98.846 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF100412.D
 Acq: 11 Nov 2017 1:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	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: 3.316 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.22 min

Lab File: BF100412.D

Acq: 11 Nov 2017 1:13

Instrument :

BNA_F

ClientSampled :

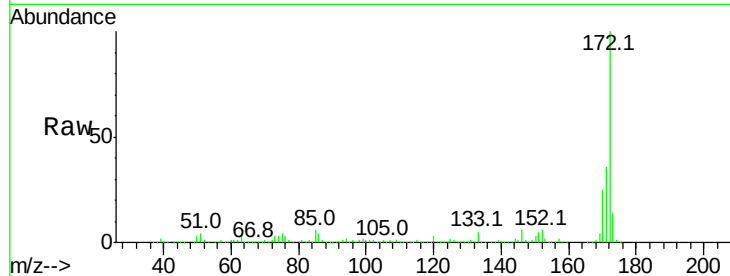
Tot Ion: 65 Resp: 2797

Ion Ratio Lower Upper

65 100

92 201.0 55.8 83.6#

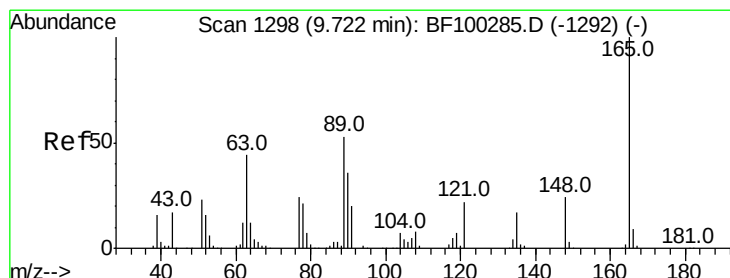
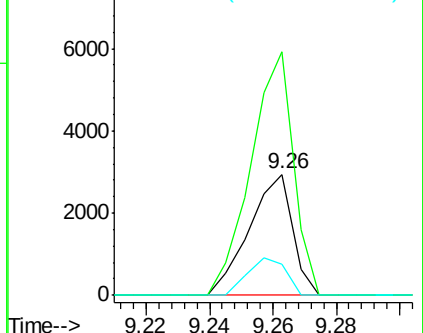
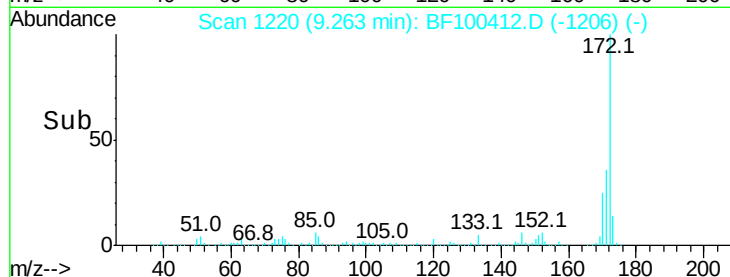
138 25.9 91.2 136.8#



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): BF1



#50

2,6-Dinitrotoluene

Concen: 8.504 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.22 min

Lab File: BF100412.D

Acq: 11 Nov 2017 1:13

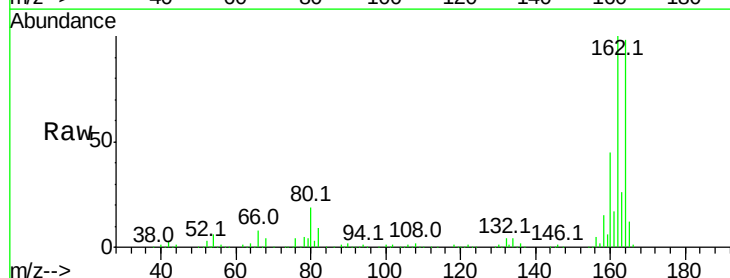
Tgt Ion:165 Resp: 34298

Ion Ratio Lower Upper

165 100

63 1.3 44.7 67.1#

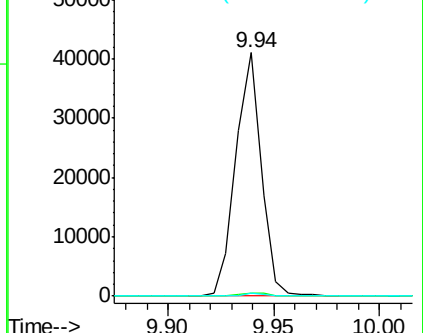
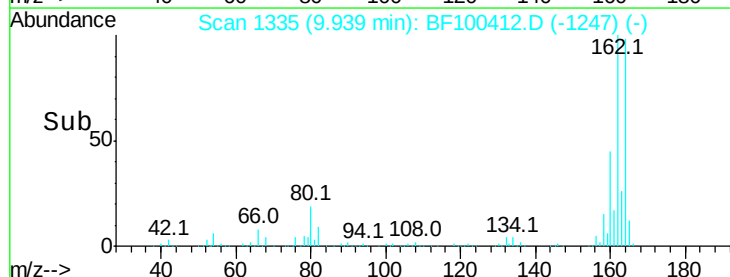
89 1.4 44.0 66.0#

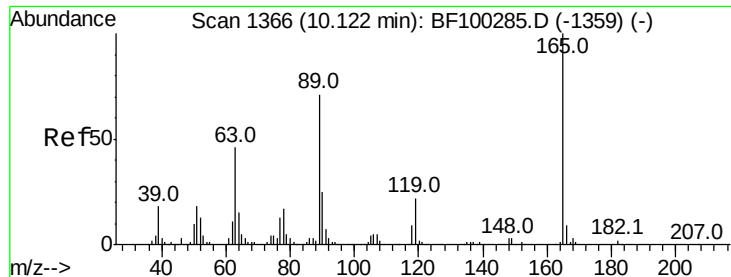


Abundance Ion 165.00 (164.70 to 165.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

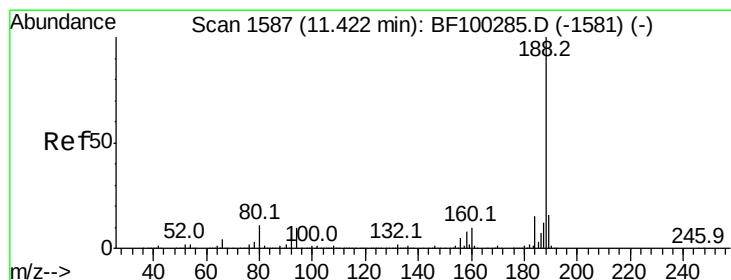
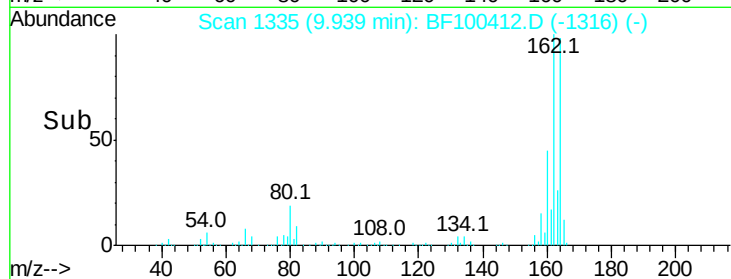
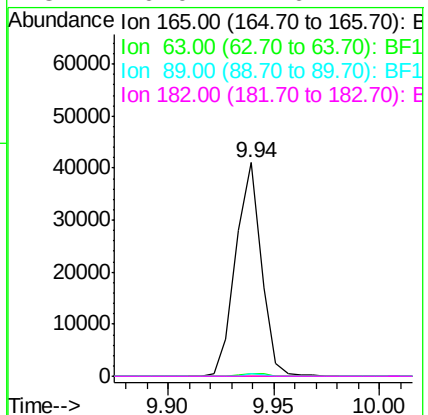
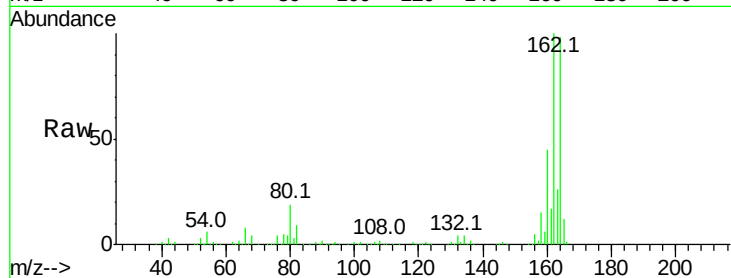




#56
 2,4-Dinitrotoluene
 Concen: 6.741 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.19 min
 Lab File: BF100412.D
 Acq: 11 Nov 2017 1:13

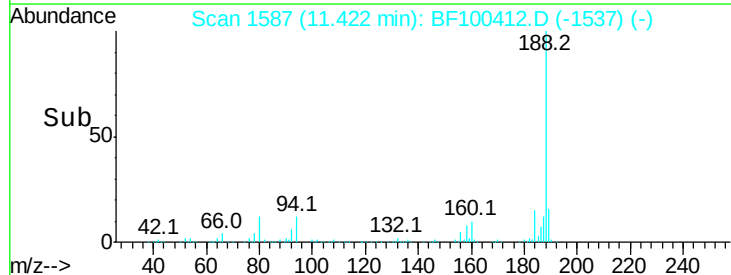
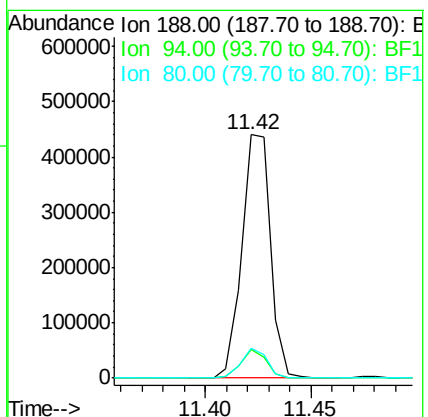
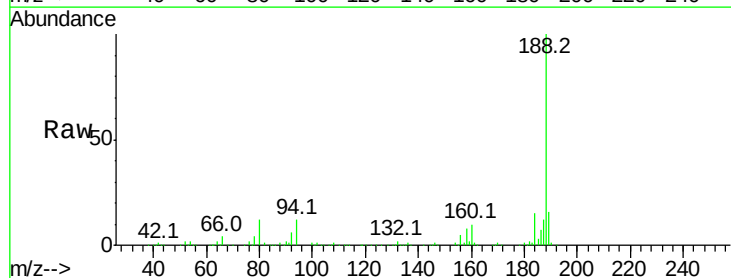
Instrument :
 BNA_F
 ClientSampleId :

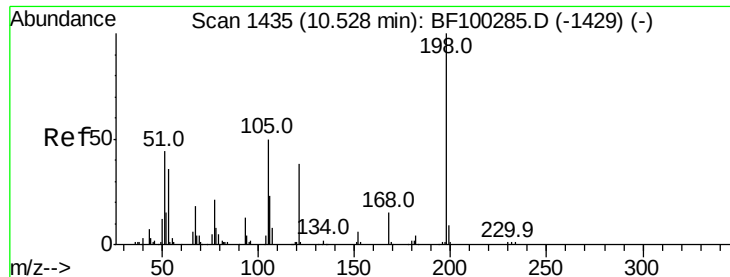
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF100412.D
 Acq: 11 Nov 2017 1:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.5	12.7
80	12.3	9.2	13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 8.790 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.19 min

Lab File: BF100412.D

Acq: 11 Nov 2017 1:13

Instrument :

BNA_F

ClientSampleId :

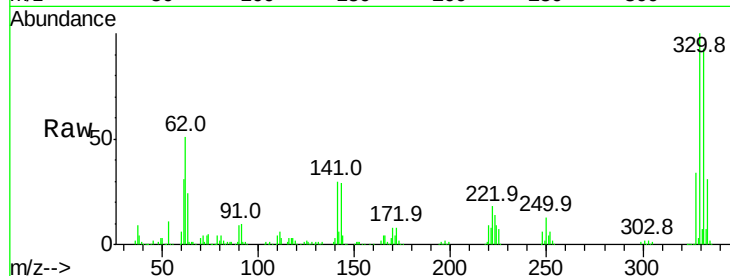
Tot Ion:198 Resp: 557

Ion Ratio Lower Upper

198 100

51 181.2 37.7 77.7#

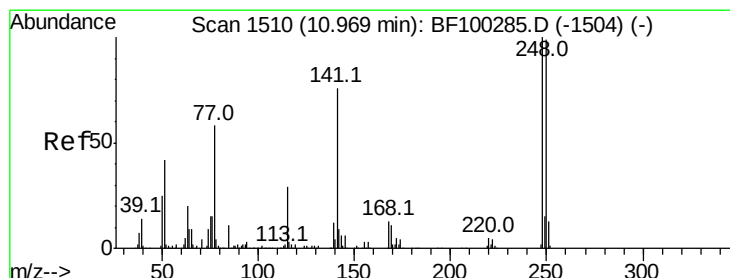
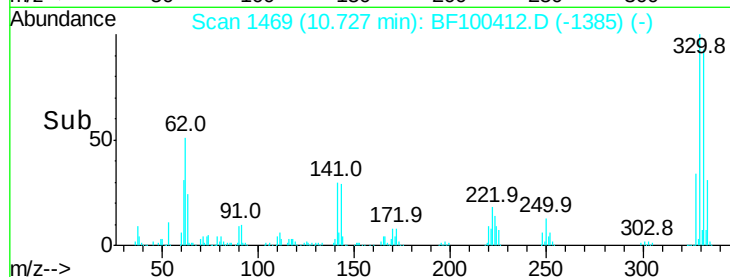
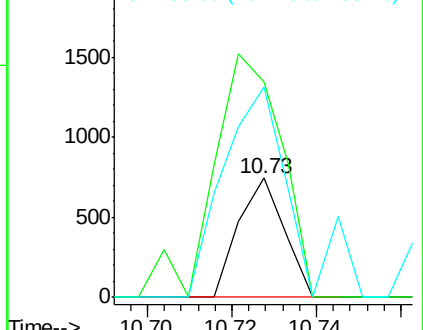
105 176.4 36.3 76.3#



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: 4.450 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.24 min

Lab File: BF100412.D

Acq: 11 Nov 2017 1:13

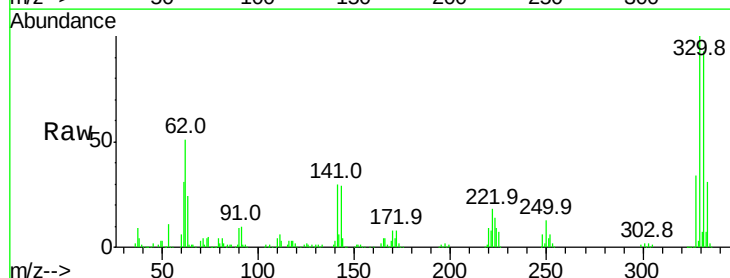
Tgt Ion:248 Resp: 19677

Ion Ratio Lower Upper

248 100

250 208.8 76.9 115.3#

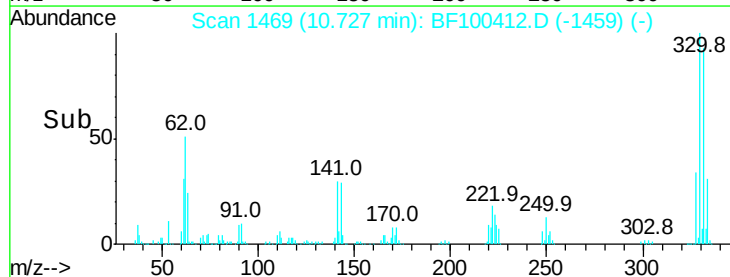
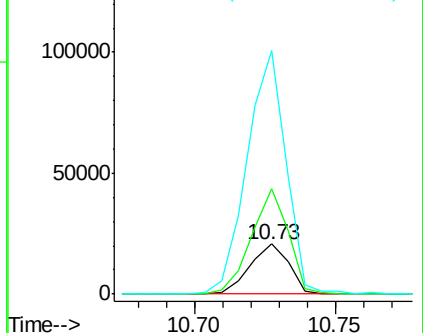
141 484.5 74.4 111.6#

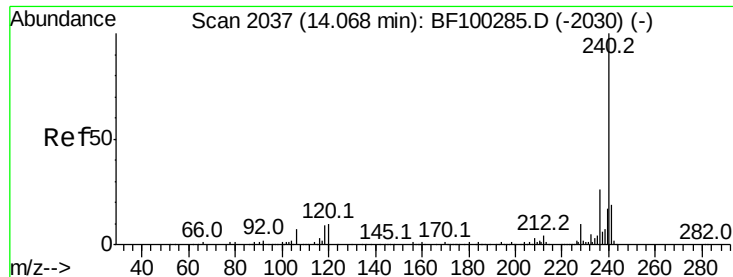


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100412.D

Acq: 11 Nov 2017 1:13

Instrument :

BNA_F

ClientSampled :

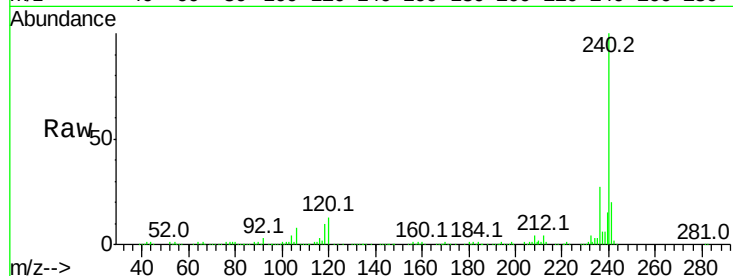
Tot Ion:240 Resp: 348086

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

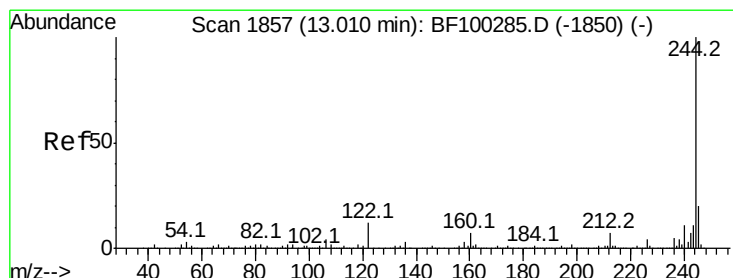
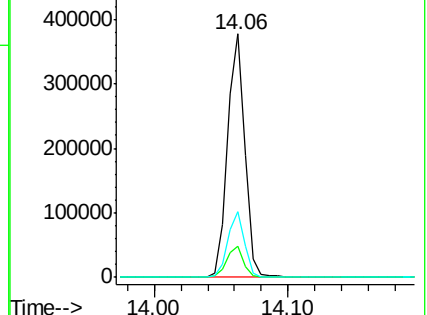
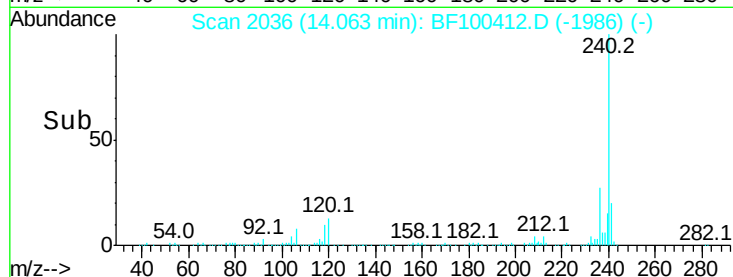
236 26.8 20.7 31.1



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: 86.427 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100412.D

Acq: 11 Nov 2017 1:13

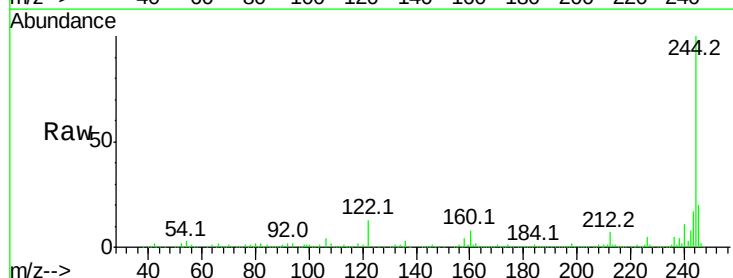
Tgt Ion:244 Resp: 1309303

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

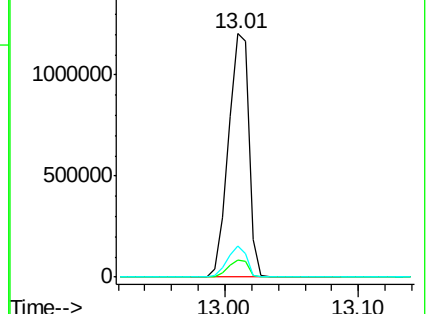
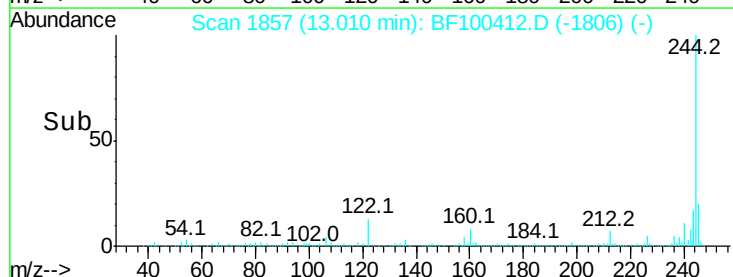
122 12.6 11.0 16.4

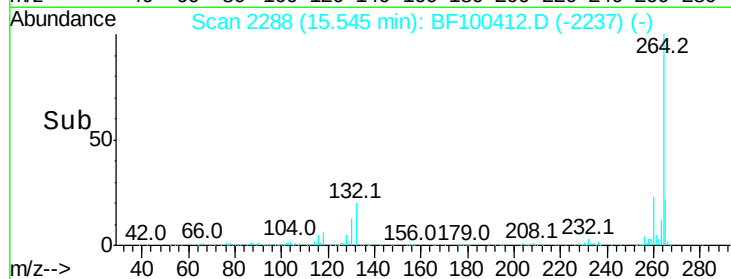
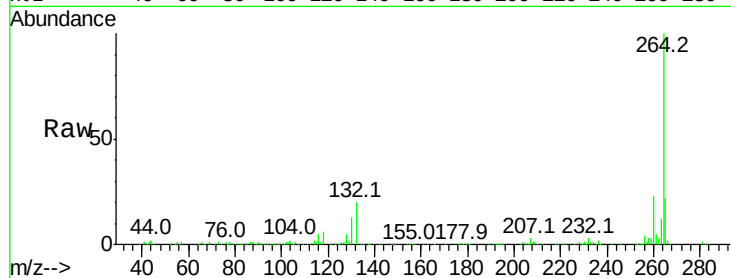
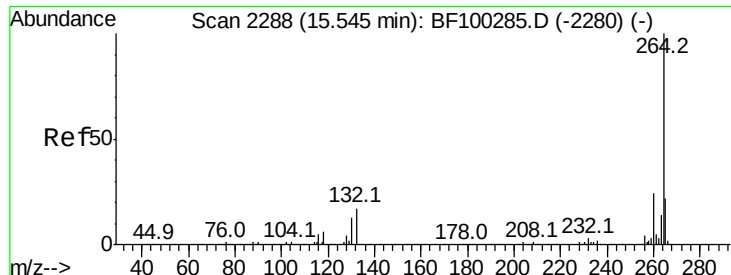


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF100412.D
Acq: 11 Nov 2017 1:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	271705
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.7	17.5	26.3

