

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
 Data File : BF100785.D
 Acq On : 21 Nov 2017 17:25
 Operator : SJ/JU
 Sample : I6340-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 22 04:12:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

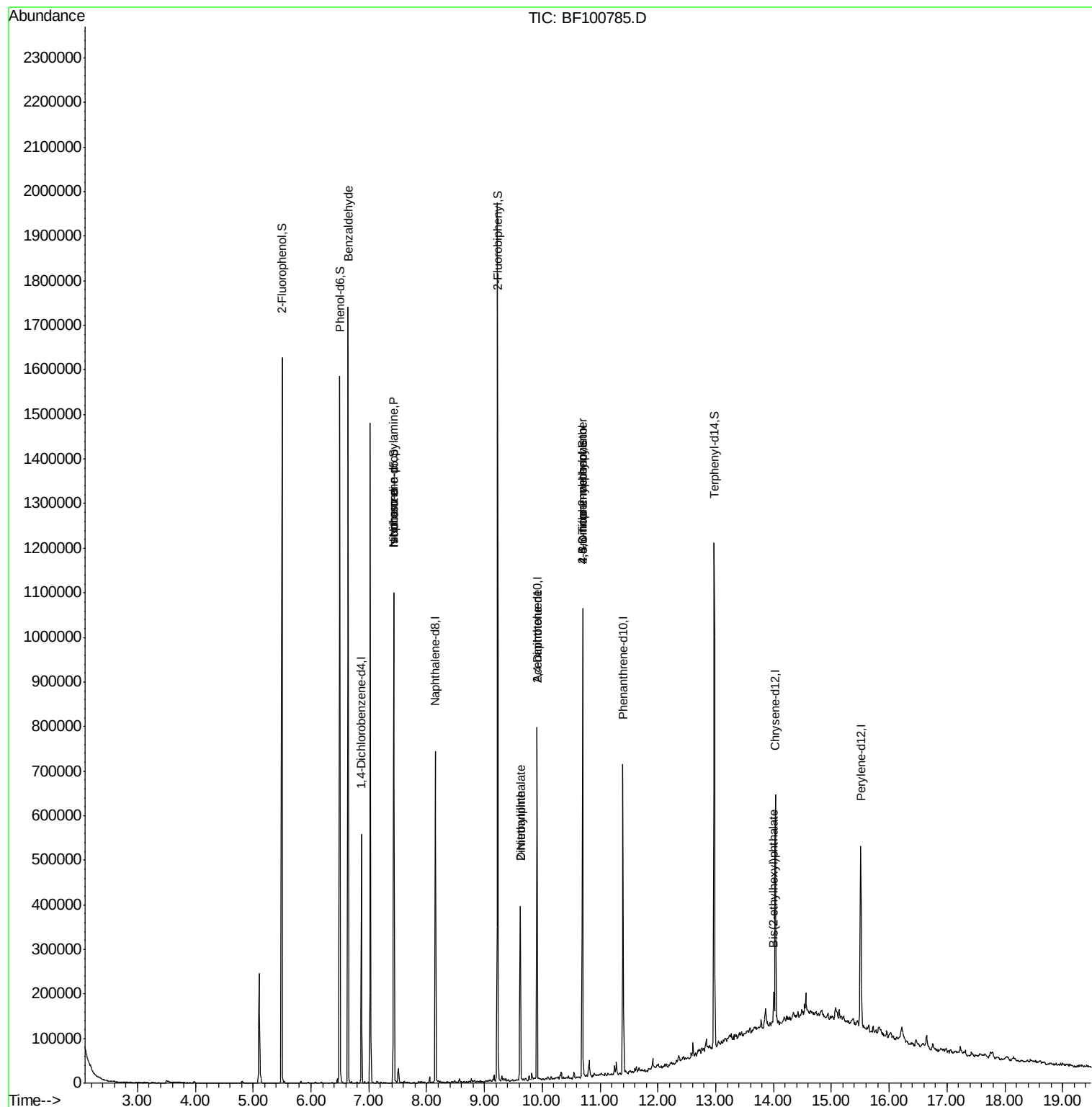
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	85455	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	333131	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	147870	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	258328	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	171351	20.00	ng	-0.01
86) Perylene-d12	15.51	264	193101	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	512661	96.17	ng	0.00
7) Phenol-d6	6.50	99	612755	93.21	ng	-0.01
23) Nitrobenzene-d5	7.43	82	362658	71.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	132170	87.72	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	580591	59.79	ng	-0.01
78) Terphenyl-d14	12.97	244	377145	50.57	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.65	77	10462	2.23	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.43	70	46746	10.25	ng	# 80
25) Isophorone	7.43	82	362655	34.25	ng	# 64
47) 2-Nitroaniline	9.62	65	1454	3.28	ng	# 1
49) Dimethylphthalate	9.62	163	163320	14.47	ng	98
56) 2,4-Dinitrotoluene	9.91	165	18732	6.64	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.70	198	236	8.72	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	7715	2.79	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.00	149	19962	3.05	ng	# 95

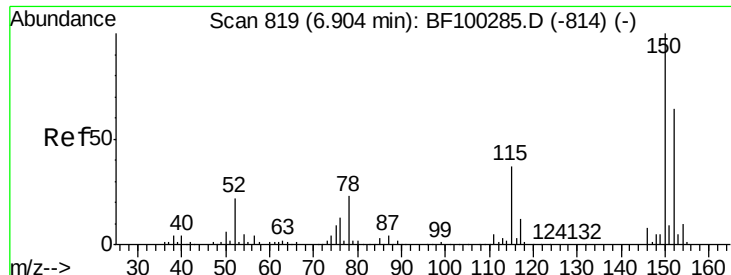
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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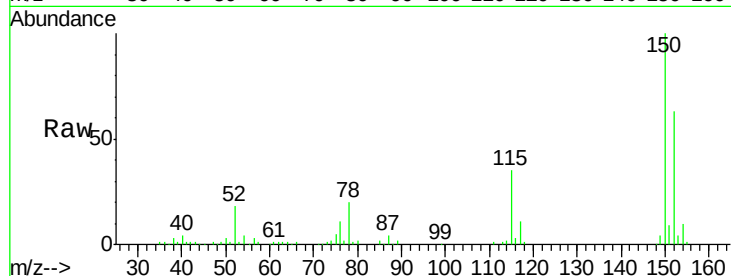


#1

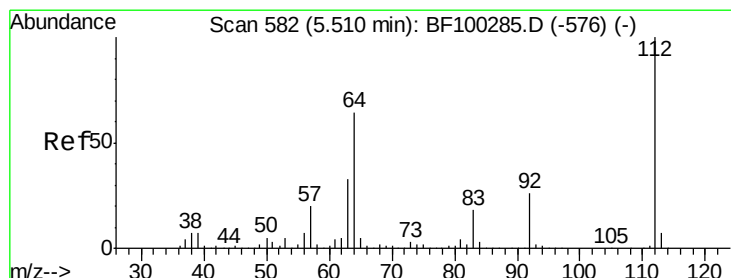
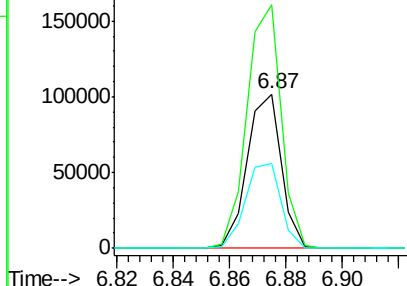
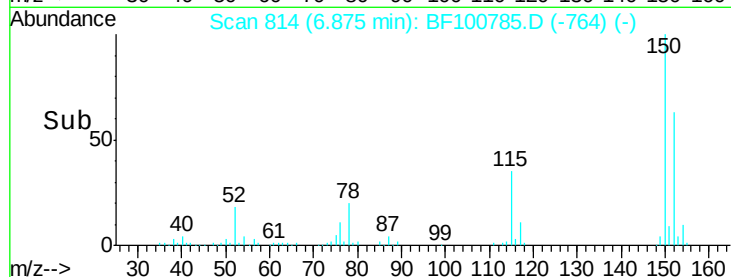
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100785.D
Acq: 21 Nov 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 85455
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 54.8 50.1 75.1



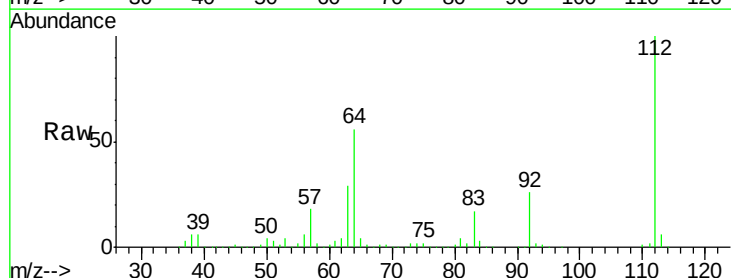
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



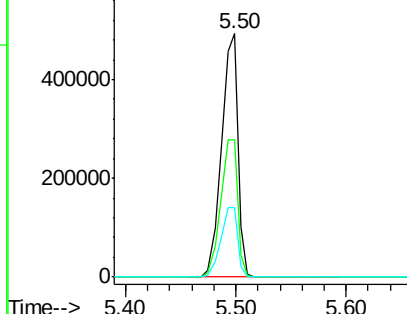
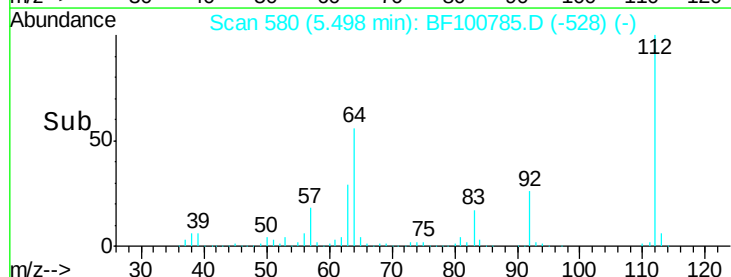
#5

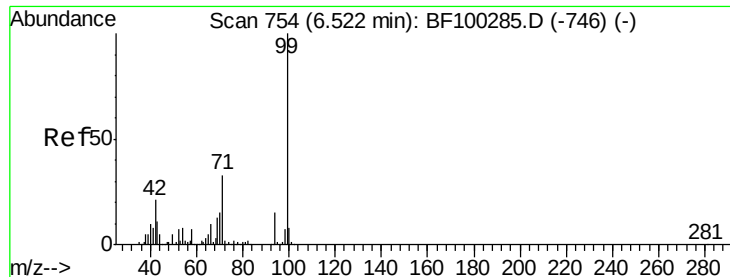
2-Fluorophenol
Concen: 96.17 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF100785.D
Acq: 21 Nov 2017 17:25

Tgt Ion:112 Resp: 512661
Ion Ratio Lower Upper
112 100
64 56.3 47.9 71.9
63 28.6 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: 93.21 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100785.D

Acq: 21 Nov 2017 17:25

Instrument :

BNA_F

ClientSampleId :

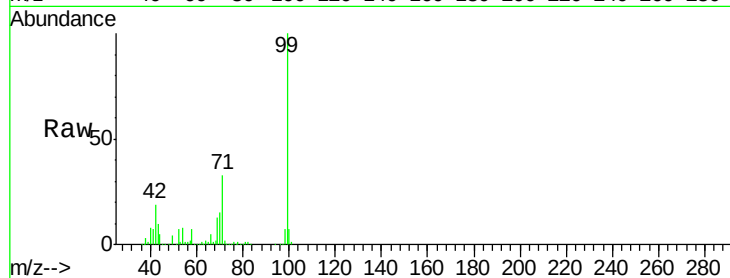
Tot Ion: 99 Resp: 612755

Ion Ratio Lower Upper

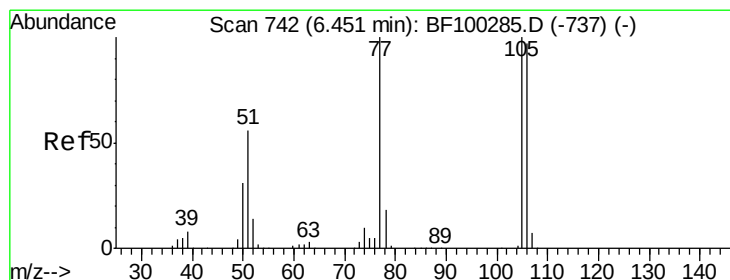
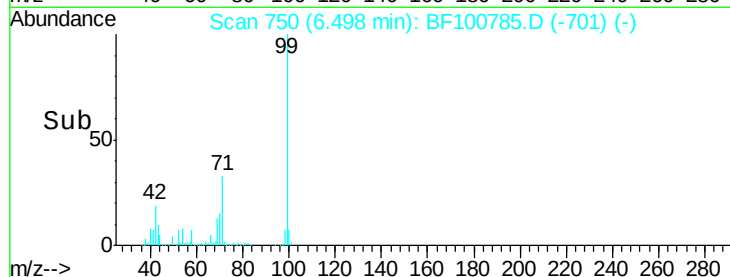
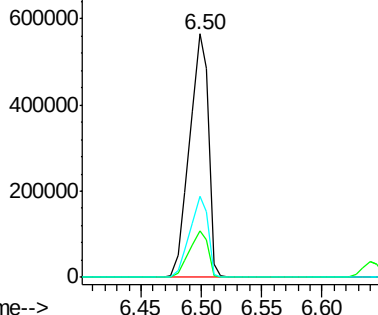
99 100

42 19.2 14.5 21.7

71 33.1 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: 2.23 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.21 min

Lab File: BF100785.D

Acq: 21 Nov 2017 17:25

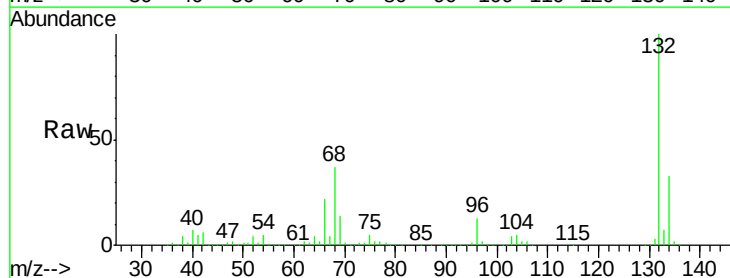
Tgt Ion: 77 Resp: 10462

Ion Ratio Lower Upper

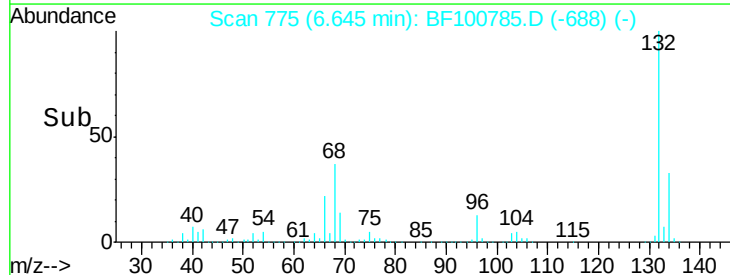
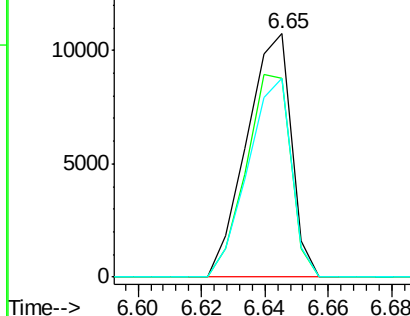
77 100

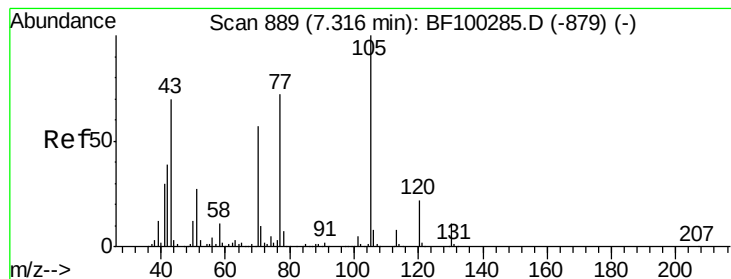
105 81.8 81.1 121.1

106 81.7 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: 10.25 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.14 min

Lab File: BF100785.D

Acq: 21 Nov 2017 17:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 46746

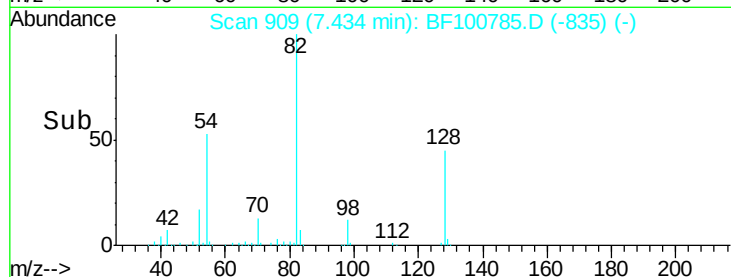
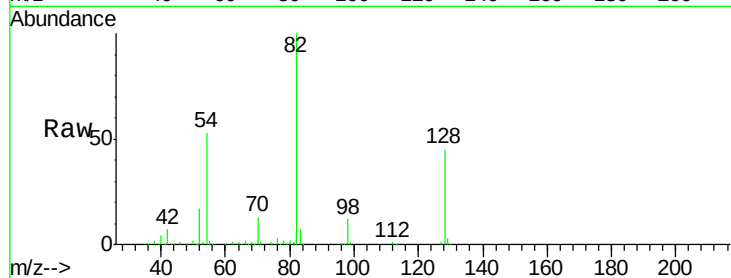
Ion Ratio Lower Upper

70 100

42 50.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

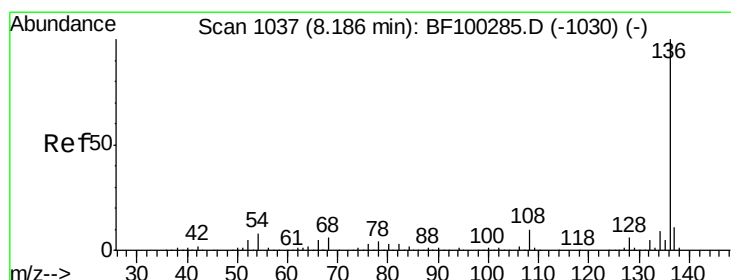
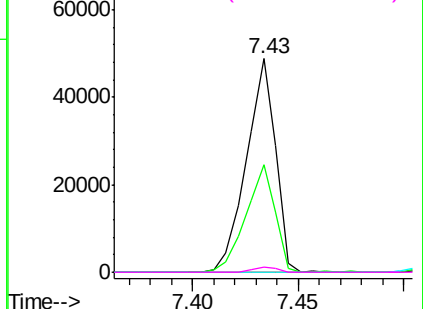


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 20.00 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF100785.D

Acq: 21 Nov 2017 17:25

Tgt Ion: 136 Resp: 333131

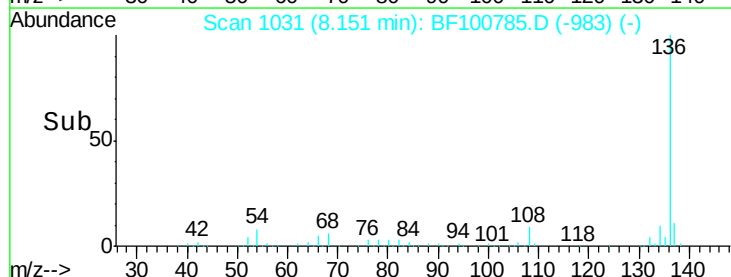
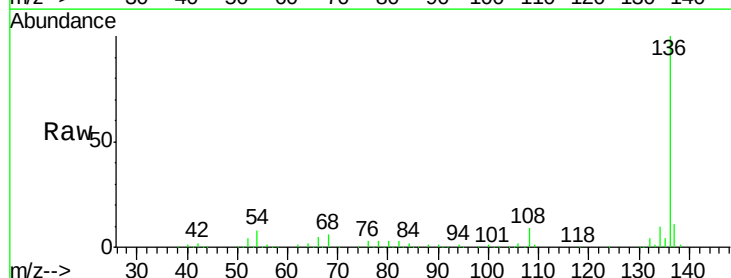
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.1 6.6 9.8

68 5.7 5.0 7.4

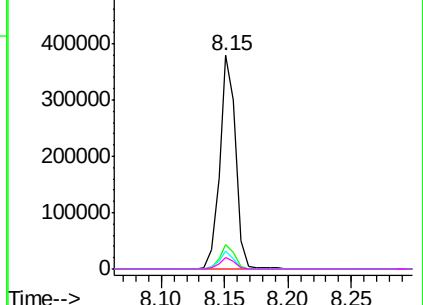


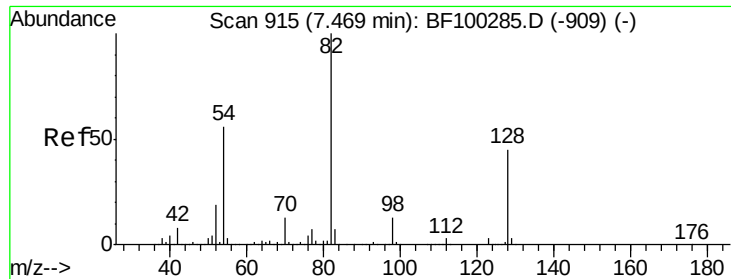
Abundance Ion 136.00 (135.70 to 136.70): BF1

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

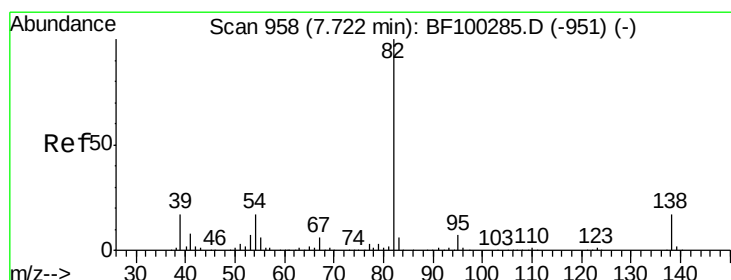
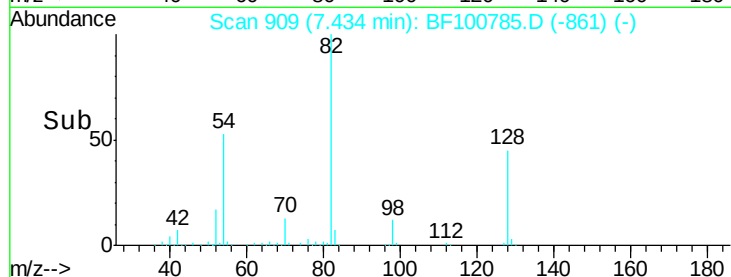
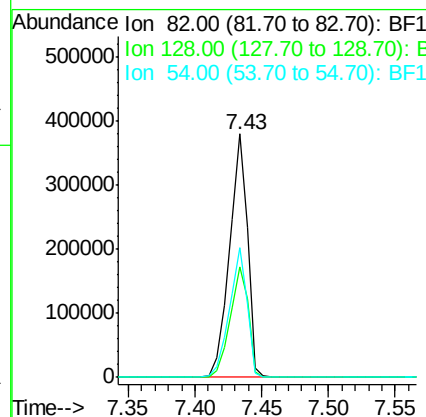
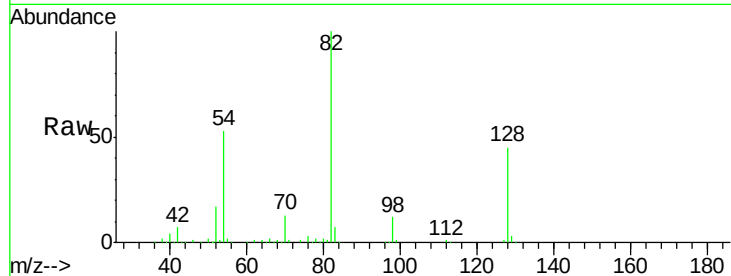




#23
 Nitrobenzene-d5
 Concen: 71.97 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF100785.D
 Acq: 21 Nov 2017 17:25

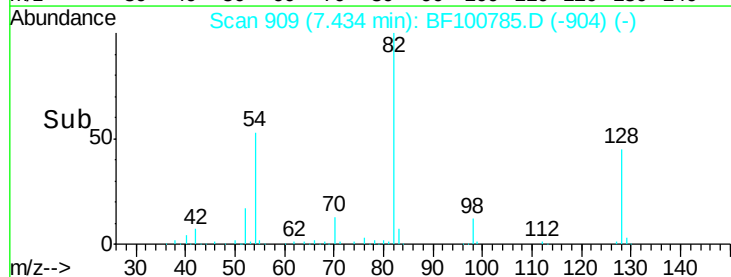
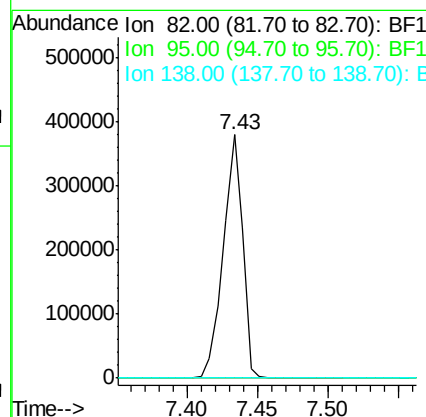
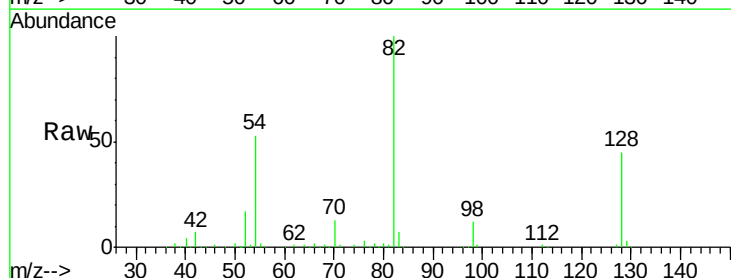
Instrument :
 BNA_F
 ClientSampleId :

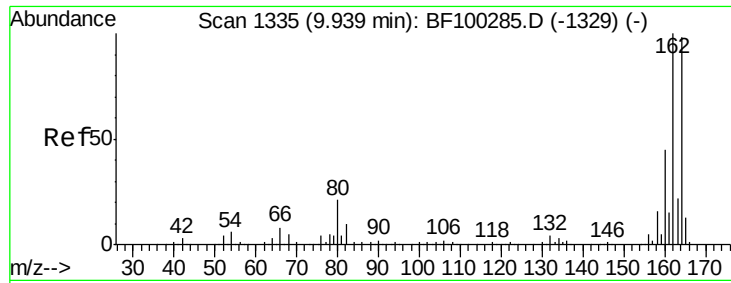
Tot Ion	82	Resp	362658
Ion Ratio	Lower	Upper	
82	100		
128	45.2	36.1	54.1
54	53.1	41.4	62.2



#25
 Isophorone
 Concen: 34.25 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.27 min
 Lab File: BF100785.D
 Acq: 21 Nov 2017 17:25

Tgt Ion	82	Resp	362655
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

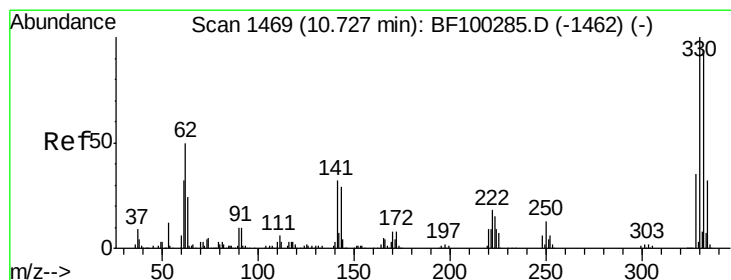
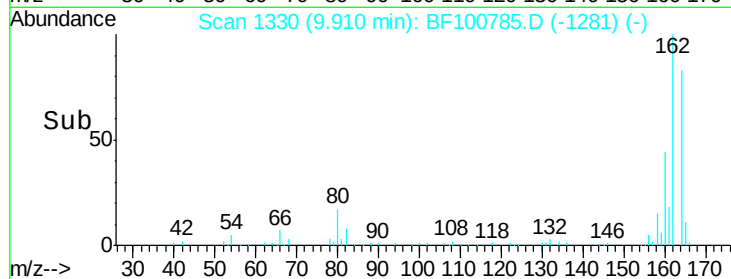
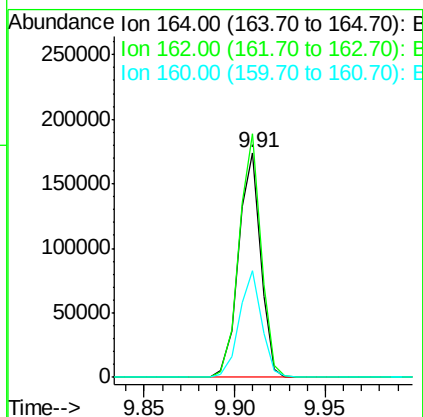
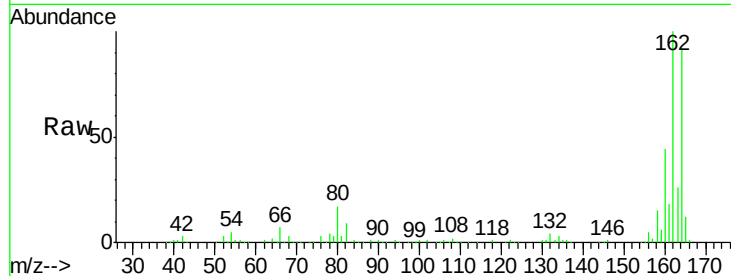




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF100785.D
 Acq: 21 Nov 2017 17:25

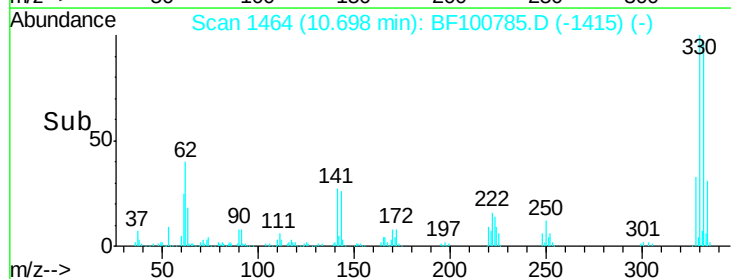
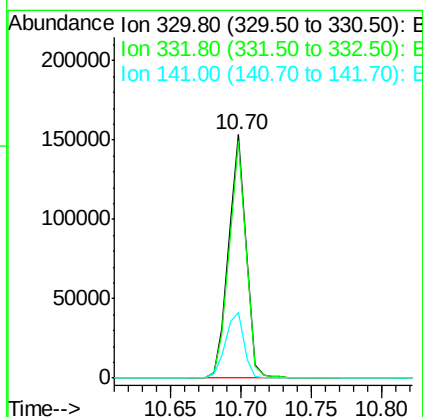
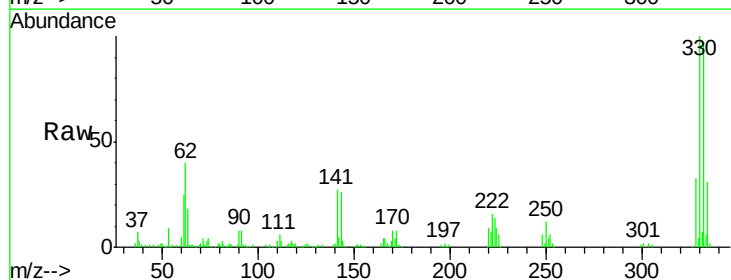
Instrument :
 BNA_F
 ClientSampleId :

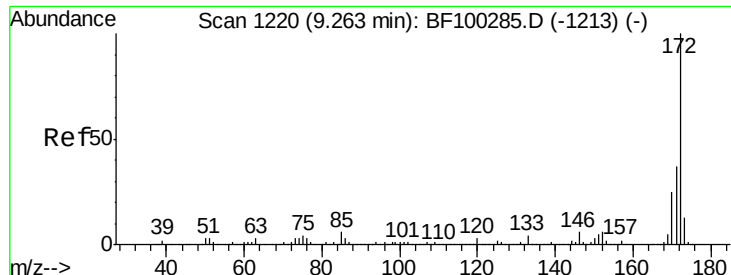
Tot Ion:164 Resp: 147870
 Ion Ratio Lower Upper
 164 100
 162 108.5 86.1 129.1
 160 47.5 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 87.72 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF100785.D
 Acq: 21 Nov 2017 17:25

Tgt Ion:330 Resp: 132170
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 29.0 29.9 44.9#

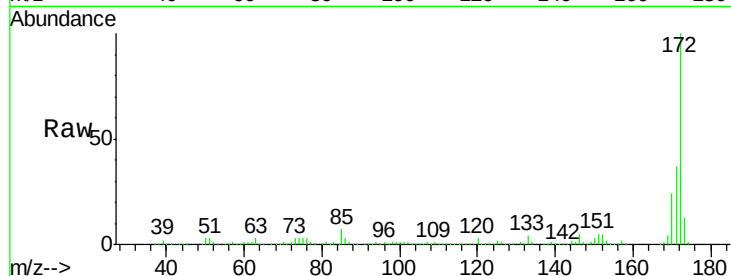




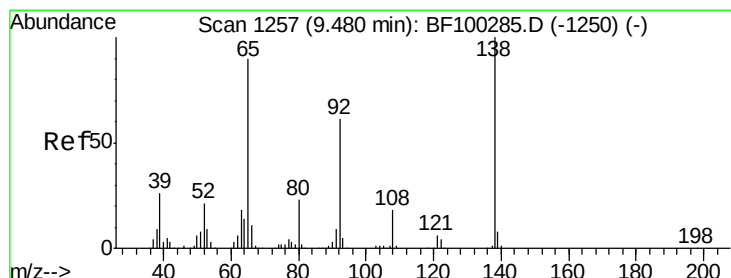
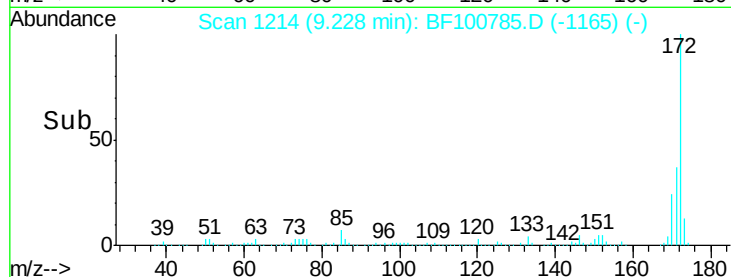
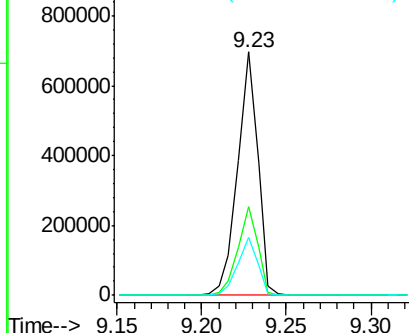
#44
2-Fluorobiphenyl
Concen: 59.79 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100785.D
Acq: 21 Nov 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 580591
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 23.7 19.6 29.4

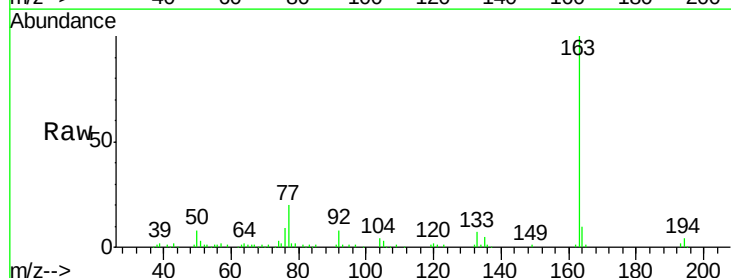


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

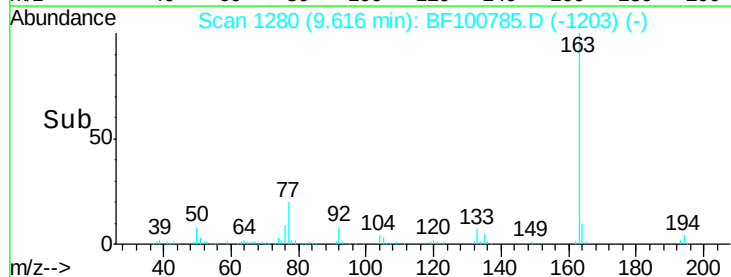
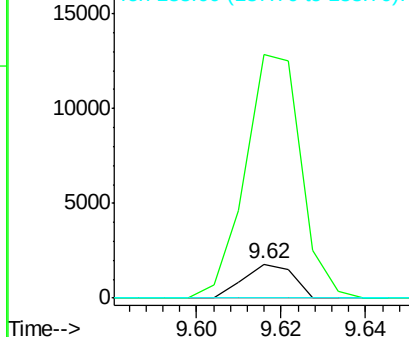


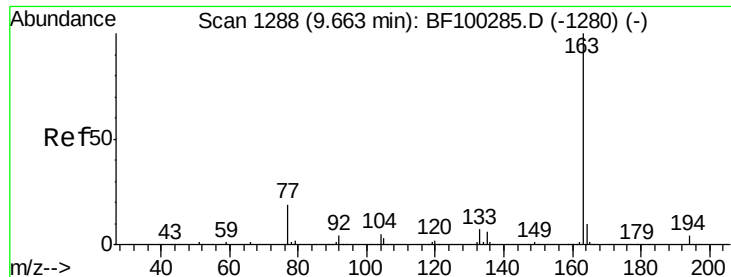
#47
2-Nitroaniline
Concen: 3.28 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.15 min
Lab File: BF100785.D
Acq: 21 Nov 2017 17:25

Tgt Ion: 65 Resp: 1454
Ion Ratio Lower Upper
65 100
92 715.0 55.8 83.6#
138 0.0 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

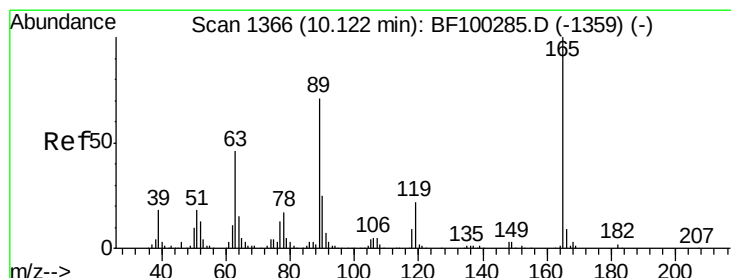
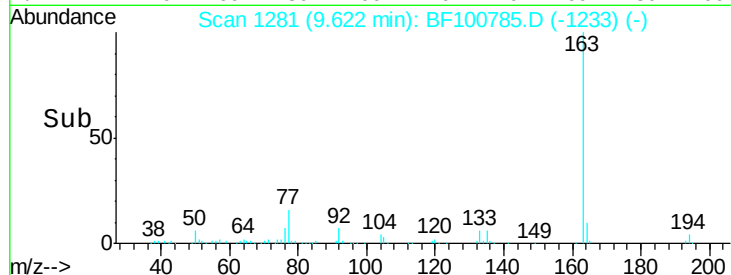
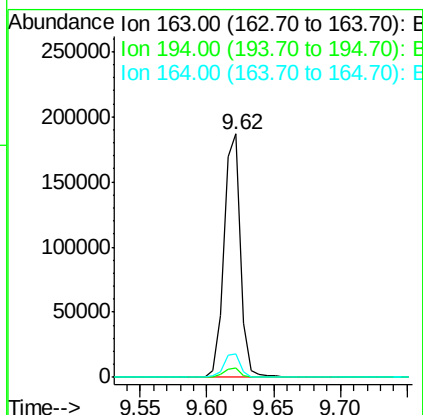
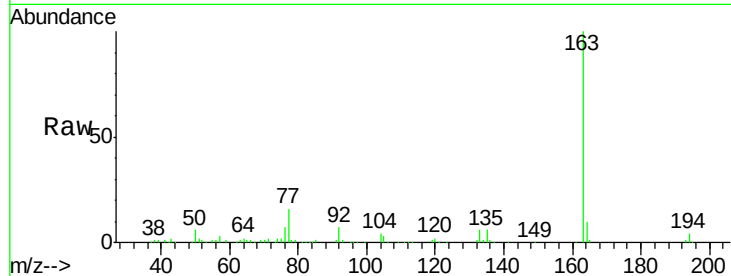




#49
Dimethylphthalate
Concen: 14.47 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF100785.D
Acq: 21 Nov 2017 17:25

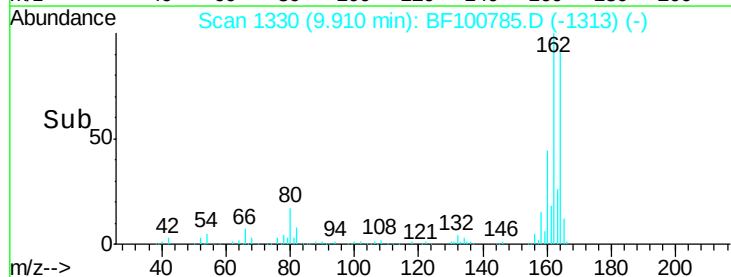
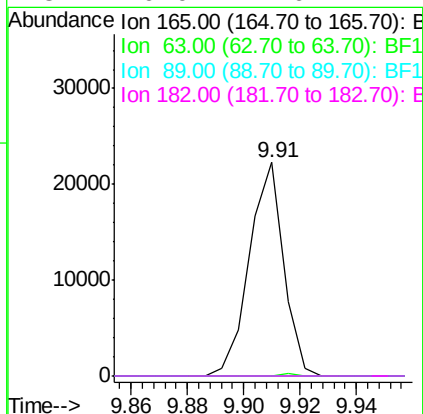
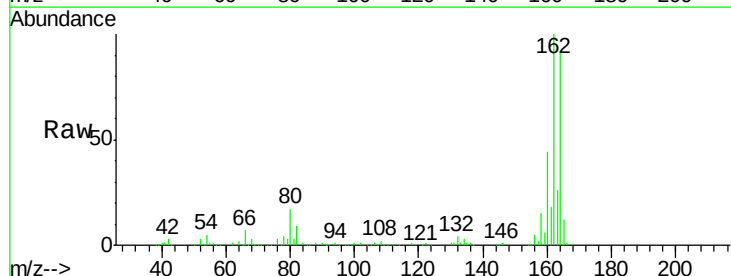
Instrument :
BNA_F
ClientSampled :

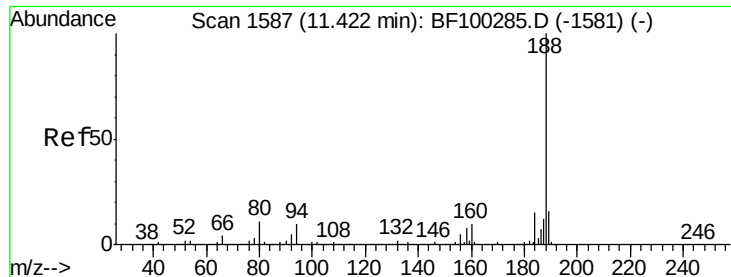
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.5	8.2	12.2



#56
2,4-Dinitrotoluene
Concen: 6.64 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF100785.D
Acq: 21 Nov 2017 17:25

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

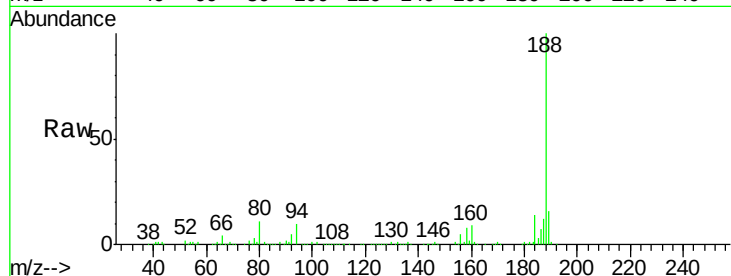




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF100785.D
 Acq: 21 Nov 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :

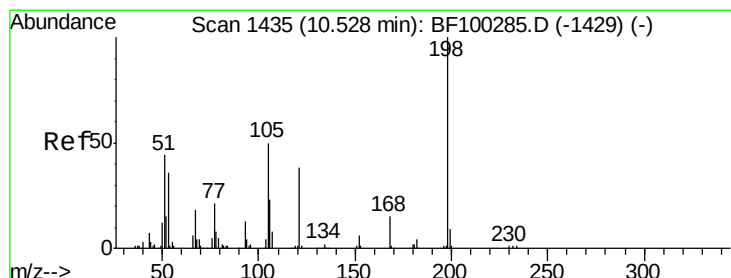
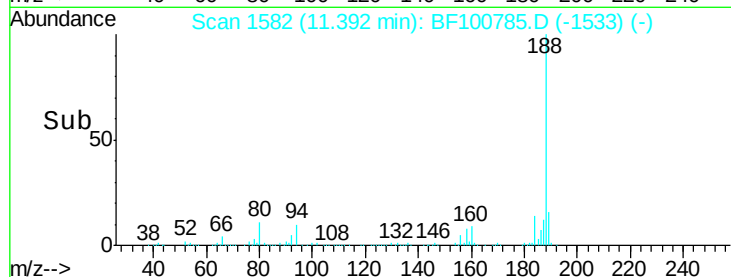
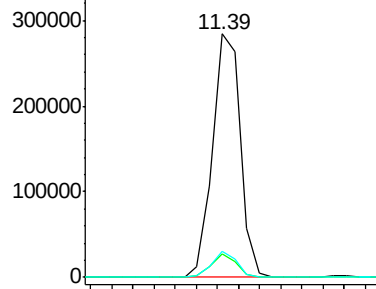
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.8	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E

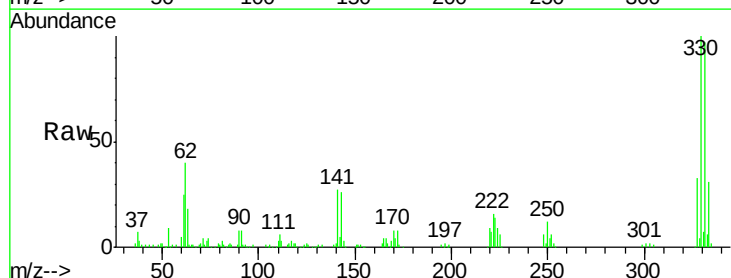
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.72 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.18 min
 Lab File: BF100785.D
 Acq: 21 Nov 2017 17:25

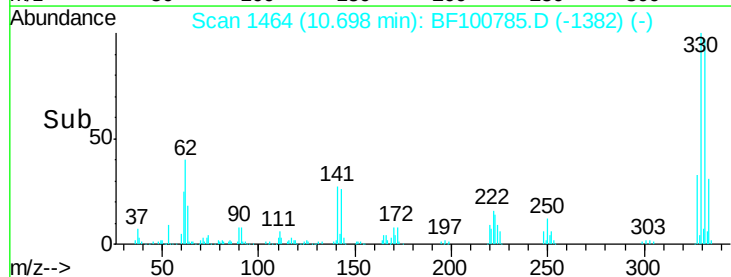
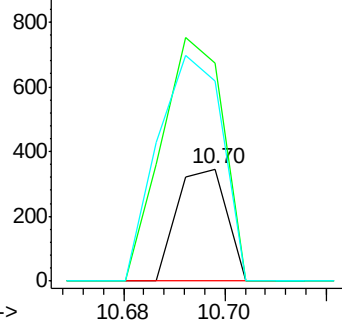
Tgt Ion	Ratio	Lower	Upper
198	100		
51	194.8	37.7	77.7#
105	179.4	36.3	76.3#

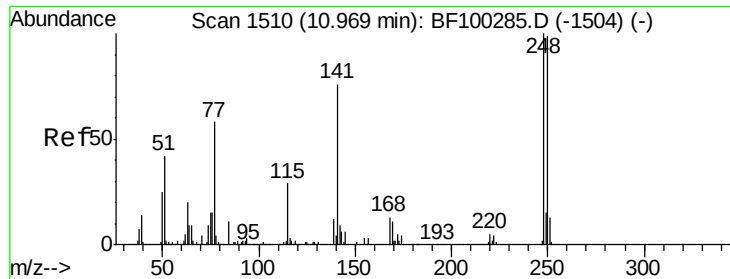


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

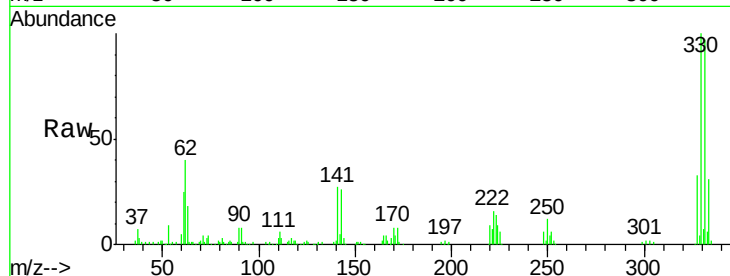




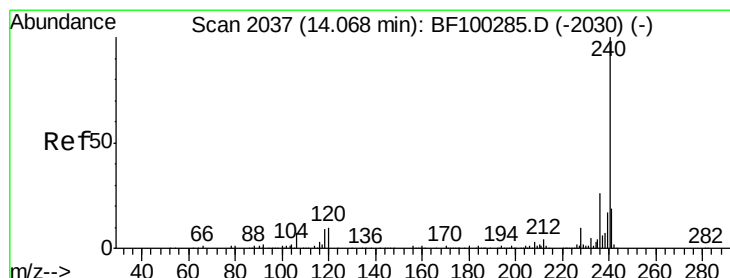
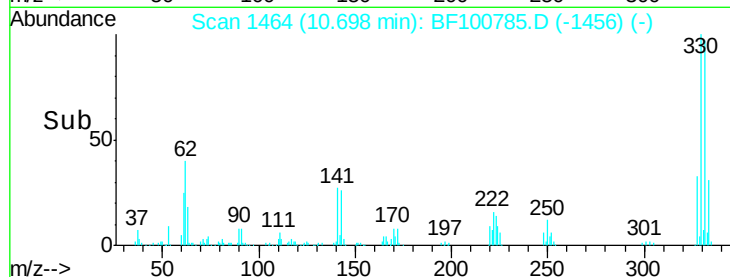
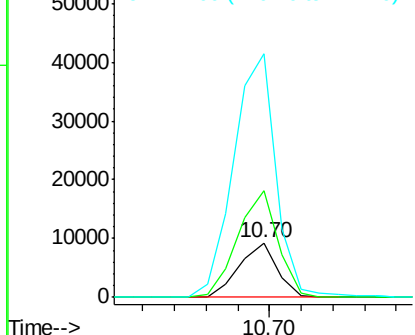
#66
4-Bromophenyl-phenylether
Concen: 2.79 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.25 min
Lab File: BF100785.D
Acq: 21 Nov 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7715
Ion Ratio Lower Upper
248 100
250 197.6 76.9 115.3#
141 449.6 74.4 111.6#

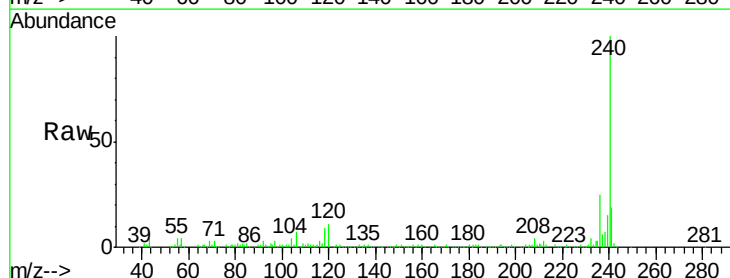


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

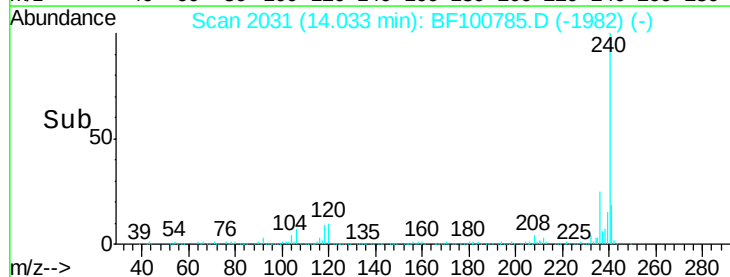
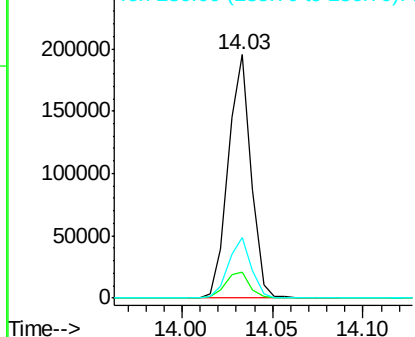


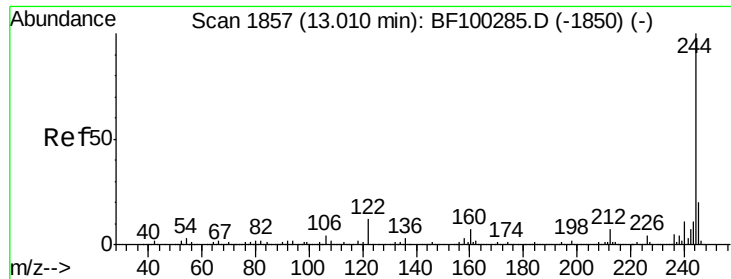
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100785.D
Acq: 21 Nov 2017 17:25

Tgt Ion:240 Resp: 171351
Ion Ratio Lower Upper
240 100
120 10.5 9.5 14.3
236 24.7 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

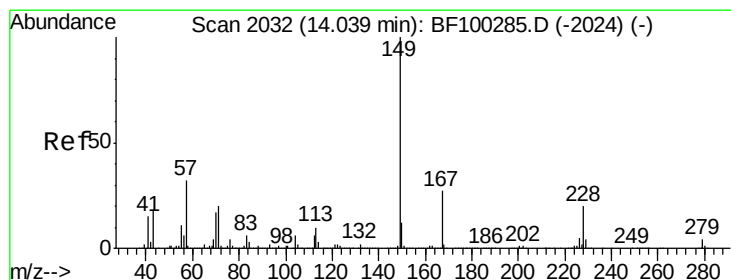
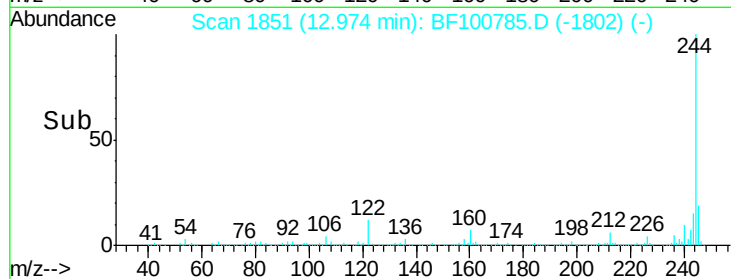
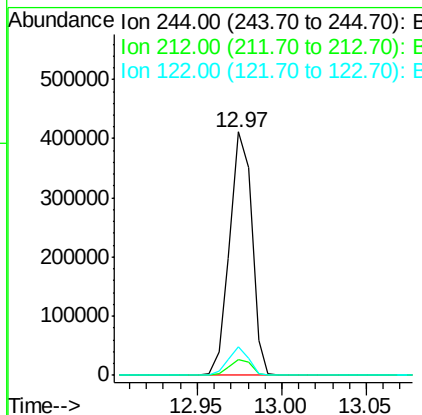
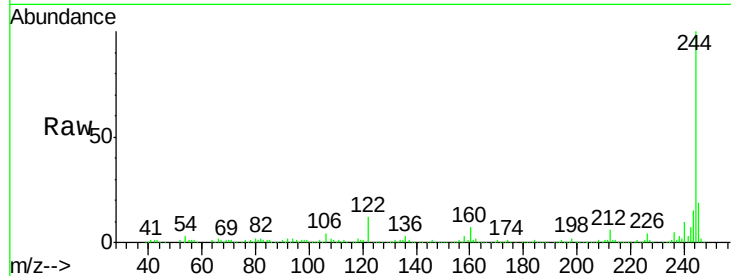




#78
 Terphenyl-d14
 Concen: 50.57 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF100785.D
 Acq: 21 Nov 2017 17:25

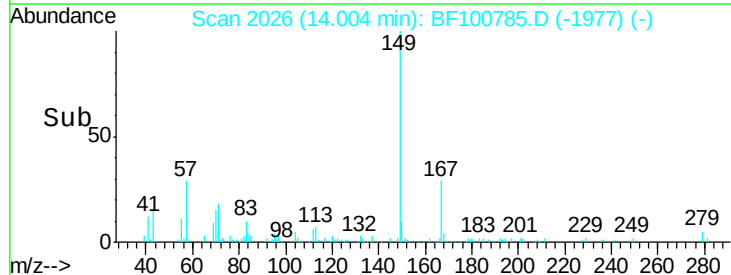
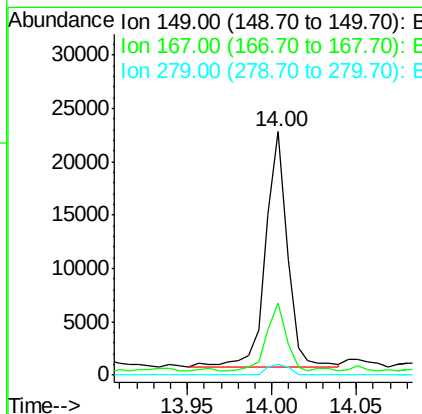
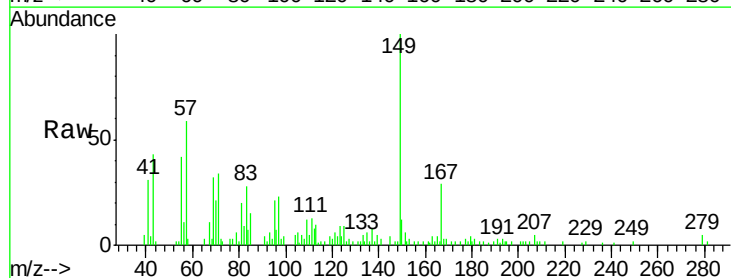
Instrument :
 BNA_F
 ClientSampled :

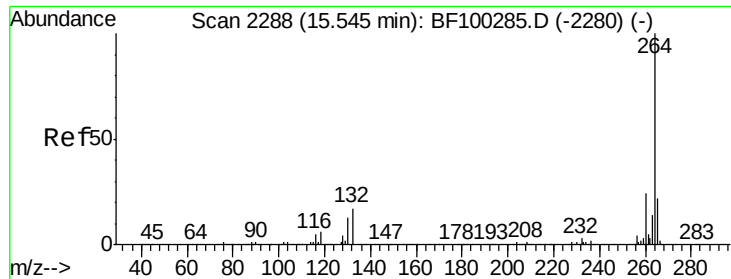
Tot Ion:244 Resp: 377145
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 11.9 11.0 16.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.05 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF100785.D
 Acq: 21 Nov 2017 17:25

Tgt Ion:149 Resp: 19962
 Ion Ratio Lower Upper
 149 100
 167 29.5 21.3 31.9
 279 4.5 3.0 4.4#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF100785.D
Acq: 21 Nov 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	193101
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.2	17.5	26.3

