

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100395.D
 Acq On : 10 Nov 2017 17:08
 Operator : SJ/JU
 Sample : I6364-01 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 10 21:54:13 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

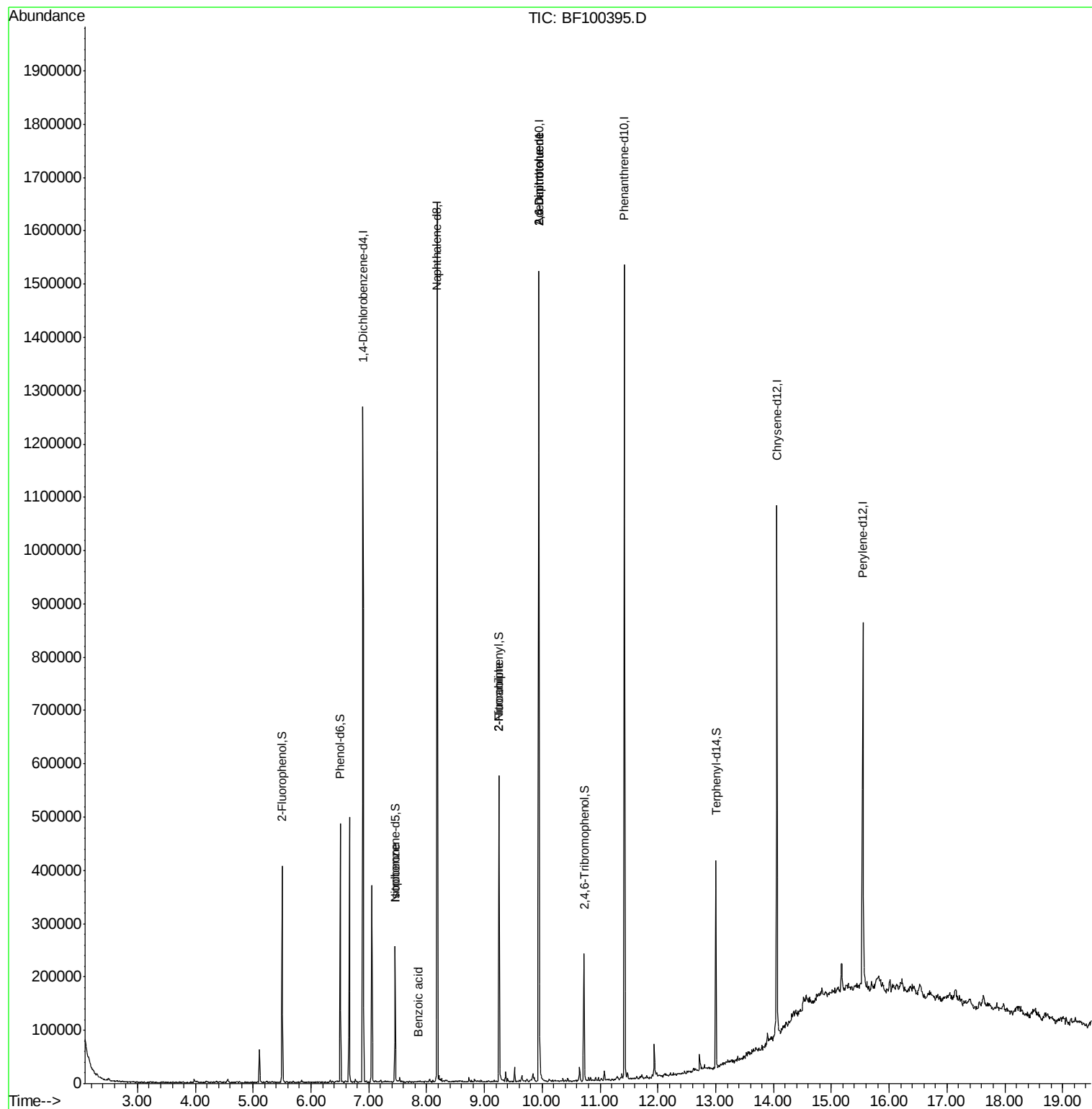
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	170726	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	677532	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	304308	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	501608	20.00	ng	0.00
75) Chrysene-d12	14.06	240	360880	20.00	ng	0.00
86) Perylene-d12	15.54	264	336551	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	111649	10.48	ng	-0.01
7) Phenol-d6	6.51	99	136327	10.38	ng	-0.02
23) Nitrobenzene-d5	7.45	82	79150	7.72	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	28443	9.17	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	174412	8.73	ng	-0.01
78) Terphenyl-d14	13.00	244	119074	7.58	ng	0.00
Target Compounds						
25) Isophorone	7.45	82	79148	3.675	ng	# 64
32) Benzoic acid	7.85	122	116	9.383	ng	# 1
47) 2-Nitroaniline	9.25	65	158	2.810	ng	# 34
50) 2,6-Dinitrotoluene	9.94	165	37510	8.156	ng	# 26
56) 2,4-Dinitrotoluene	9.94	165	37510	6.465	ng	# 24

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

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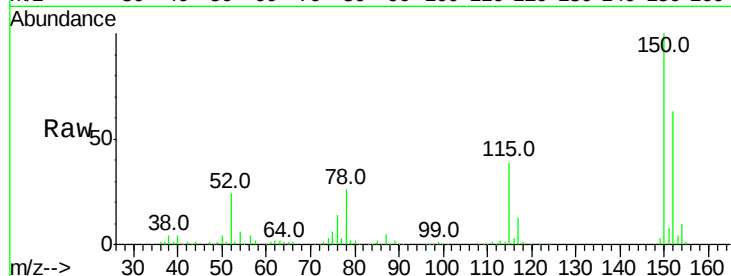


#1

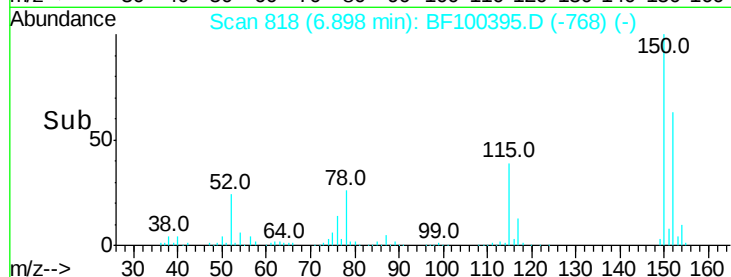
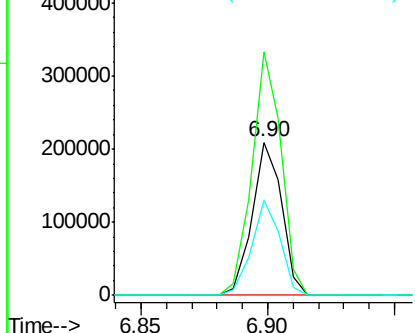
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100395.D
Acq: 10 Nov 2017 17:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 170726
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 62.7 50.1 75.1



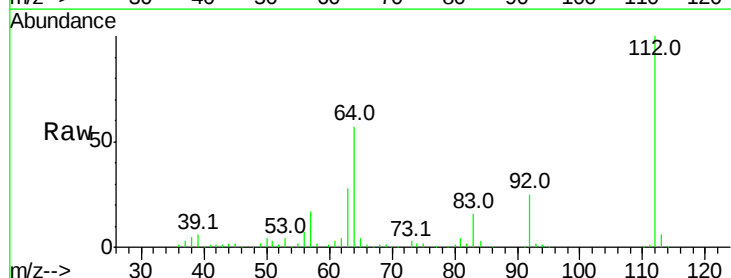
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



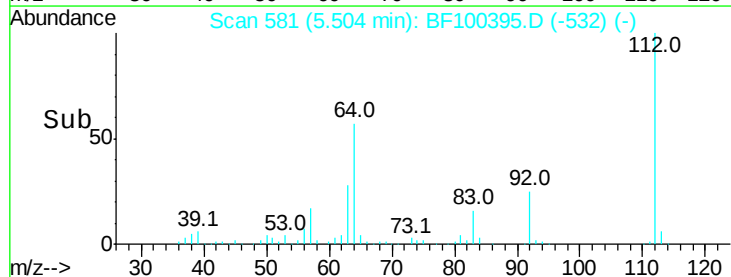
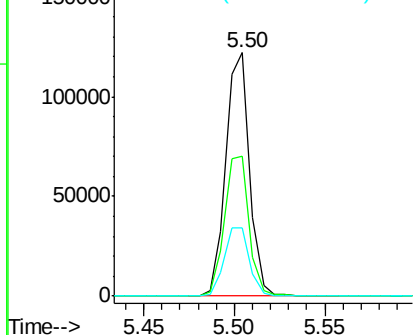
#5

2-Fluorophenol
Concen: 10.483 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF100395.D
Acq: 10 Nov 2017 17:08

Tgt Ion:112 Resp: 111649
Ion Ratio Lower Upper
112 100
64 57.4 47.9 71.9
63 28.2 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: 10.380 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF100395.D

Acq: 10 Nov 2017 17:08

Instrument :

BNA_F

ClientSampleId :

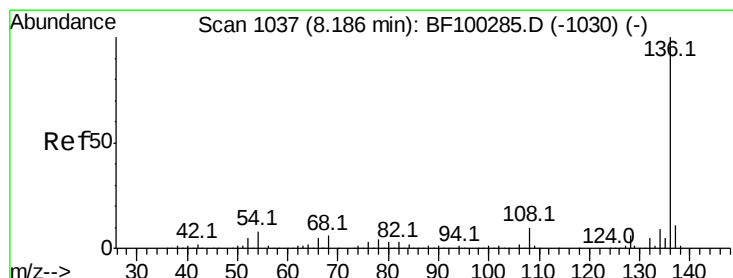
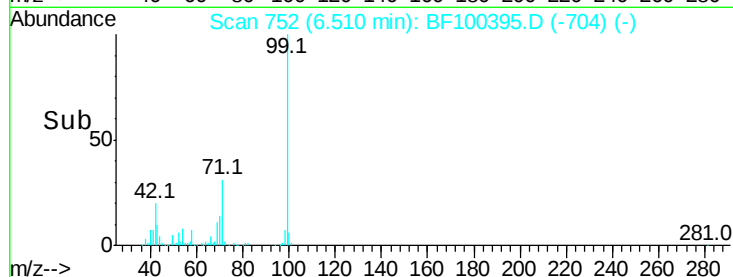
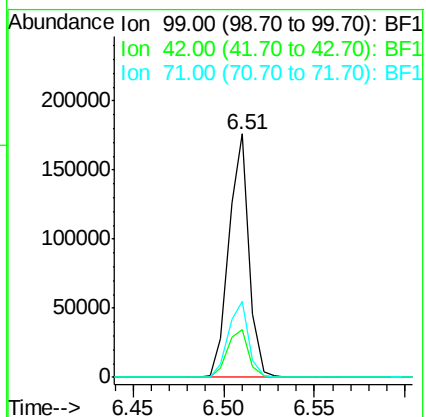
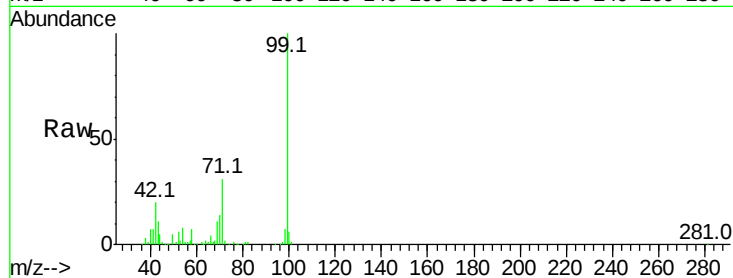
Tot Ion: 99 Resp: 136327

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

71 31.0 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100395.D

Acq: 10 Nov 2017 17:08

Tgt Ion: 136 Resp: 677532

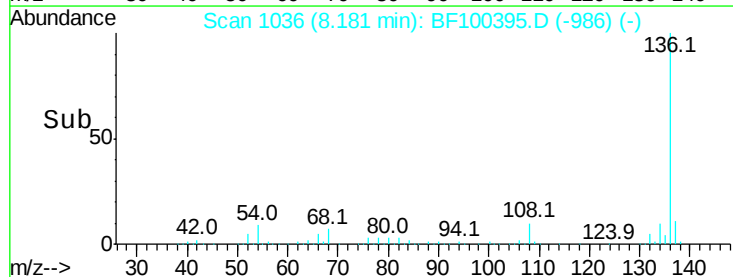
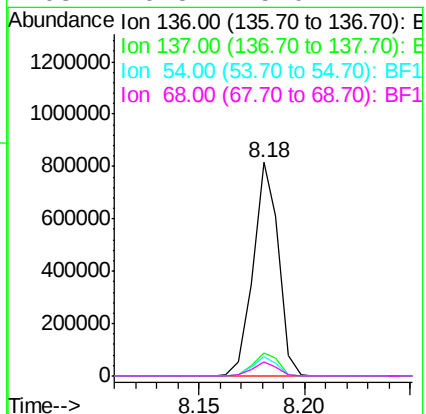
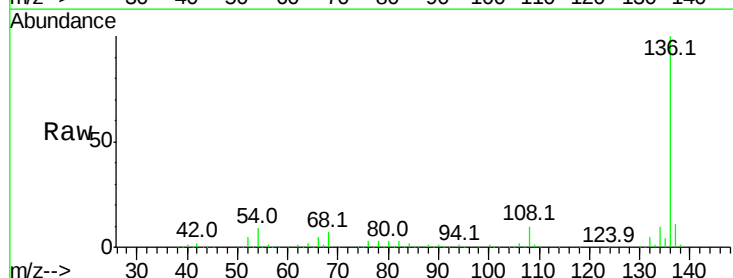
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.2 6.6 9.8

68 6.8 5.0 7.4

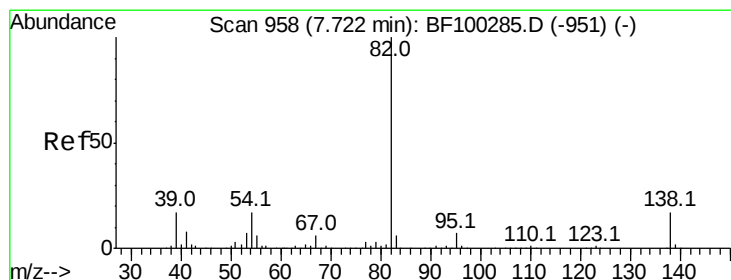
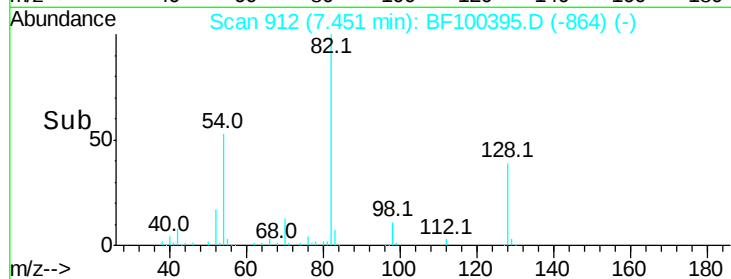
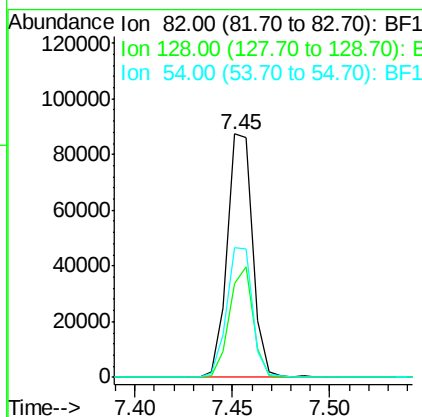
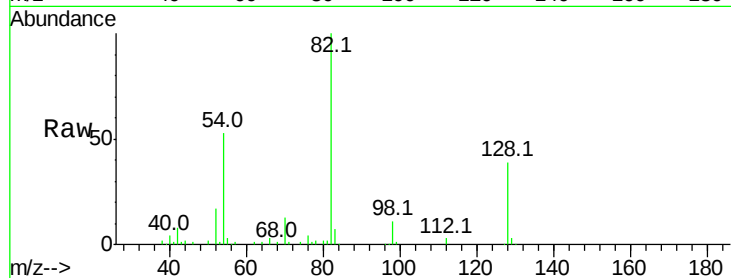




#23
 Nitrobenzene-d5
 Concen: 7.723 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.02 min
 Lab File: BF100395.D
 Acq: 10 Nov 2017 17:08

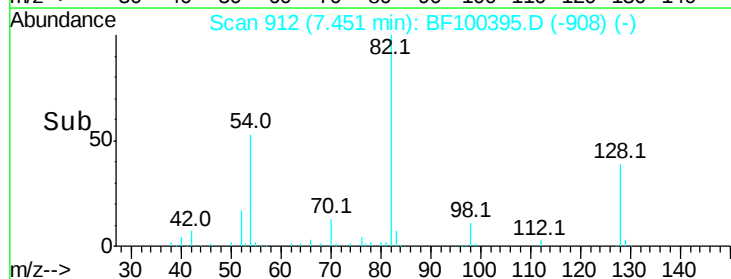
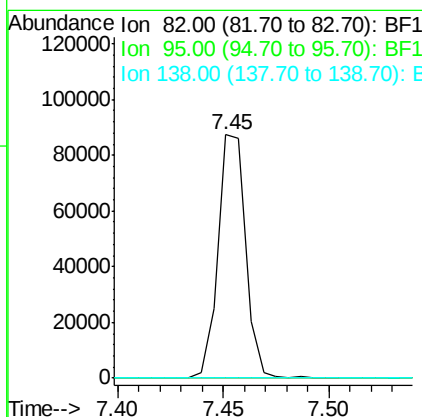
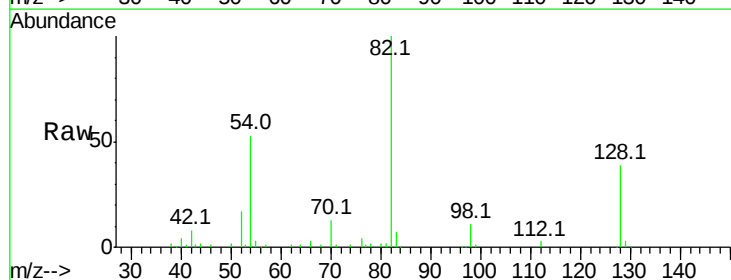
Instrument :
 BNA_F
 ClientSampled :

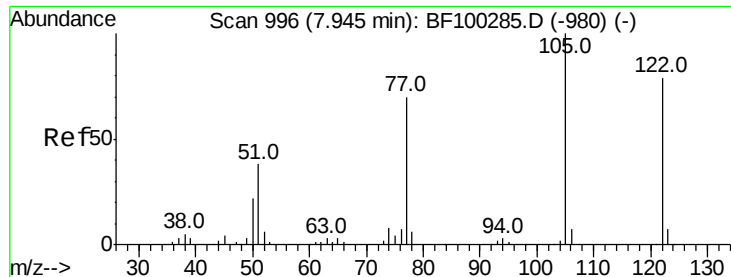
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.8	36.1	54.1
54	53.2	41.4	62.2



#25
 Isophorone
 Concen: 3.675 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.28 min
 Lab File: BF100395.D
 Acq: 10 Nov 2017 17:08

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





#32

Benzoic acid

Concen: 9.383 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.10 min

Lab File: BF100395.D

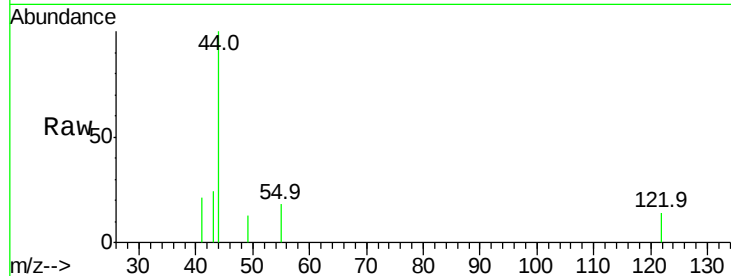
Acq: 10 Nov 2017 17:08

Instrument :

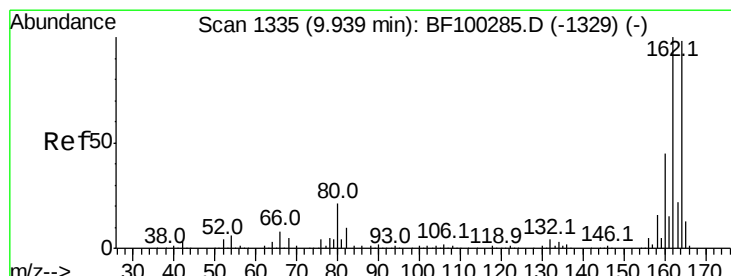
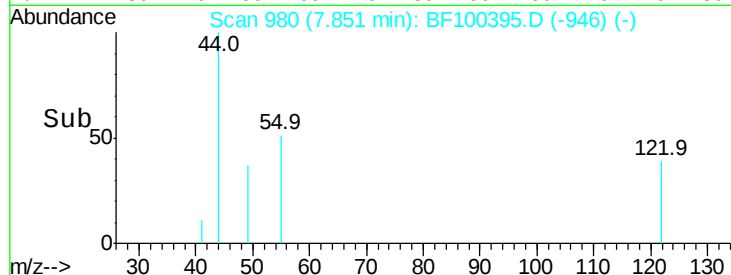
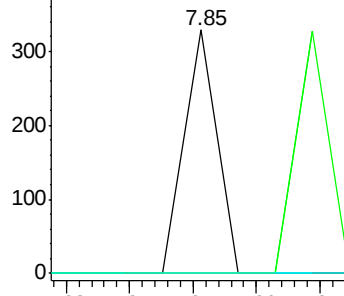
BNA_F

ClientSampleId :

Tot Ion:122 Resp: 116
 Ion Ratio Lower Upper
 122 100
 105 0.0 101.1 141.1#
 77 0.0 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

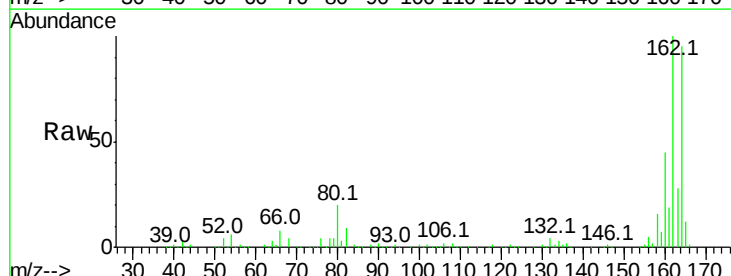
RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

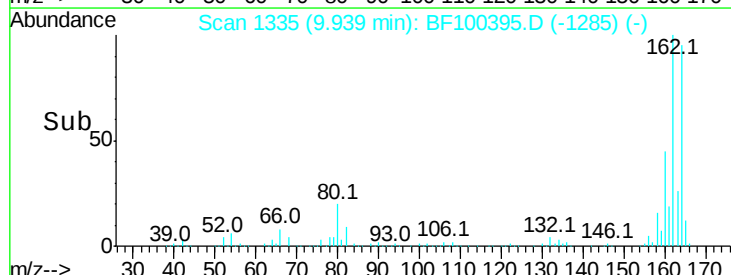
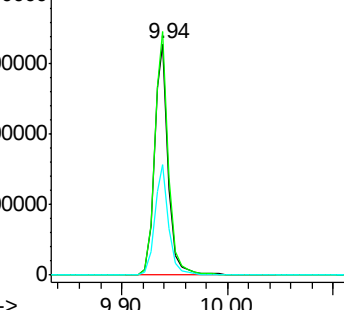
Lab File: BF100395.D

Acq: 10 Nov 2017 17:08

Tgt Ion:164 Resp: 304308
 Ion Ratio Lower Upper
 164 100
 162 105.4 86.1 129.1
 160 47.9 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

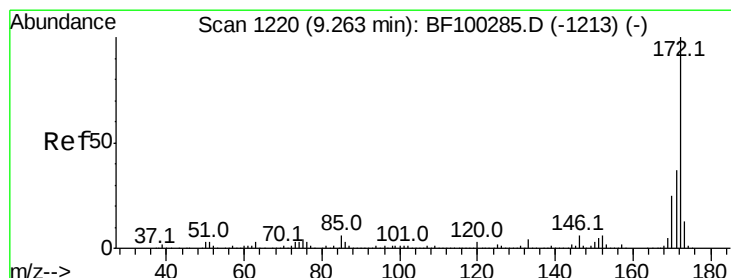
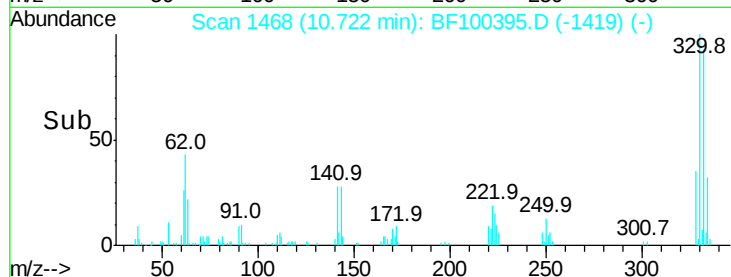
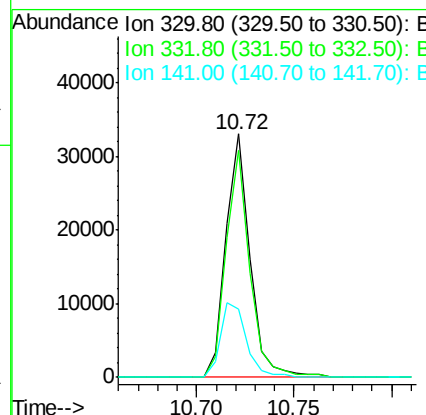
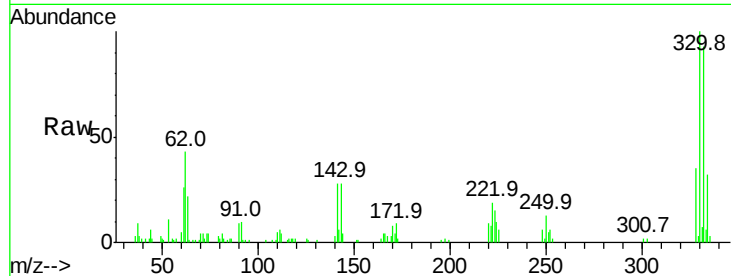




#41
 2,4,6-Tribromophenol
 Concen: 9.172 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.01 min
 Lab File: BF100395.D
 Acq: 10 Nov 2017 17:08

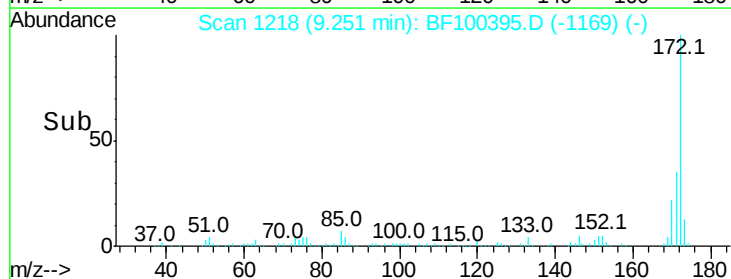
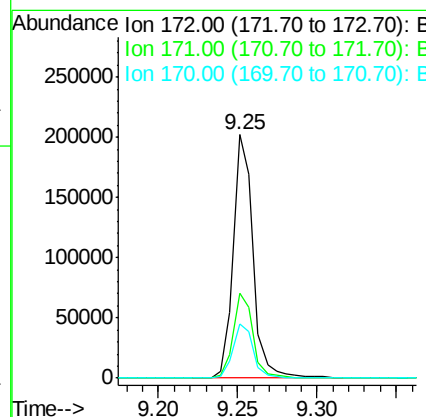
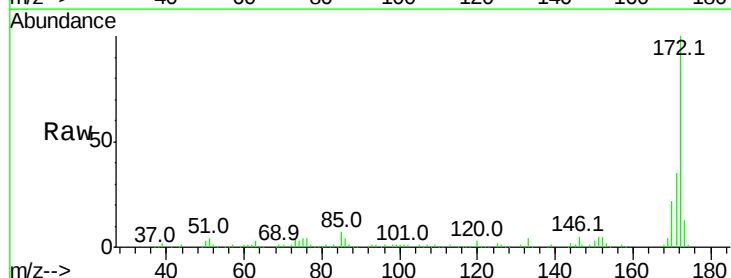
Instrument :
 BNA_F
 ClientSampled :

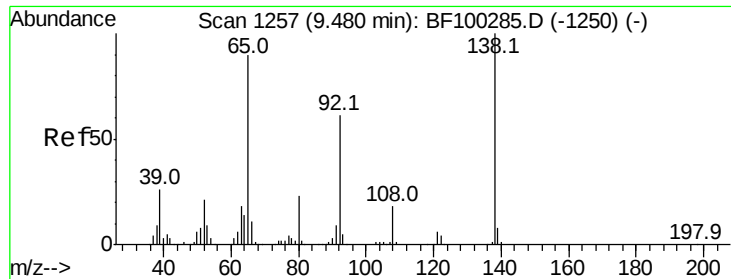
Tot Ion	Ratio	Lower	Upper
330	100		
332	91.9	77.0	115.6
141	32.7	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 8.727 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF100395.D
 Acq: 10 Nov 2017 17:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	22.3	19.6	29.4

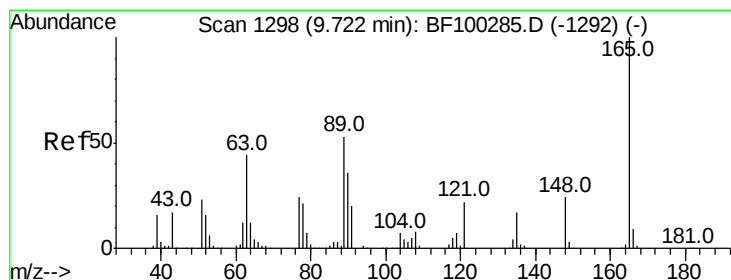
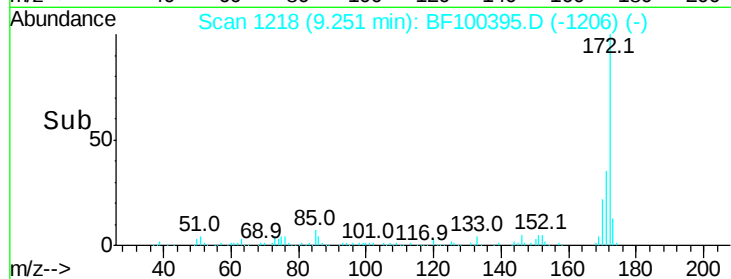
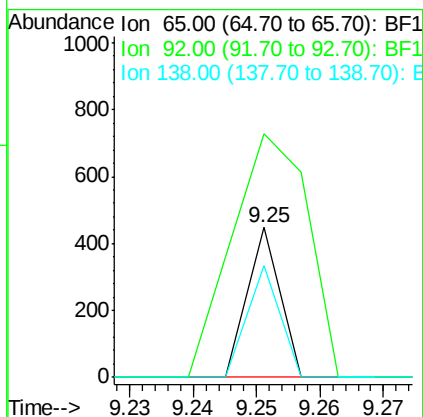
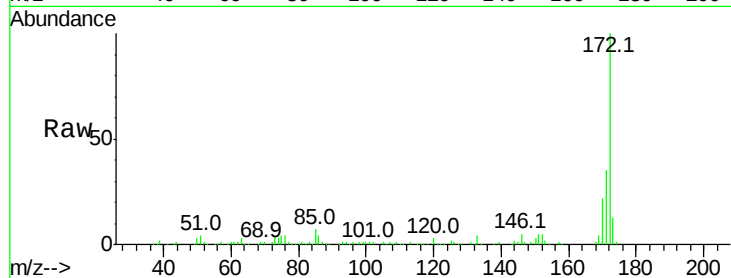




#47
2-Nitroaniline
Concen: 2.810 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.23 min
Lab File: BF100395.D
Acq: 10 Nov 2017 17:08

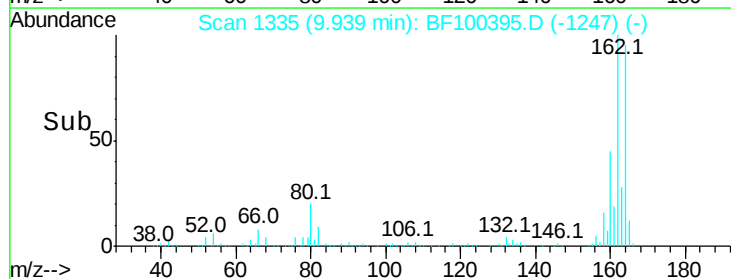
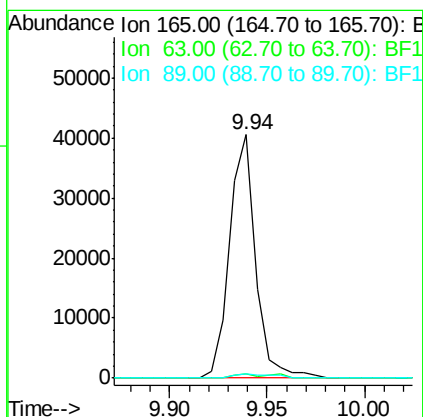
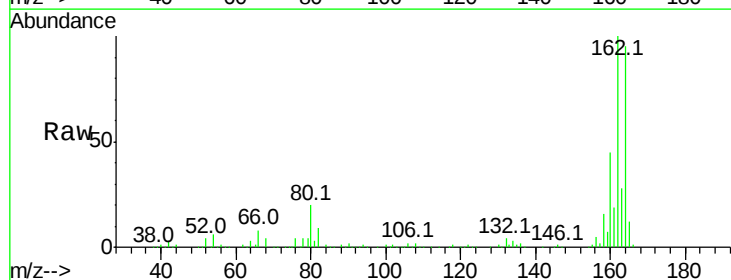
Instrument :
BNA_F
ClientSampled :

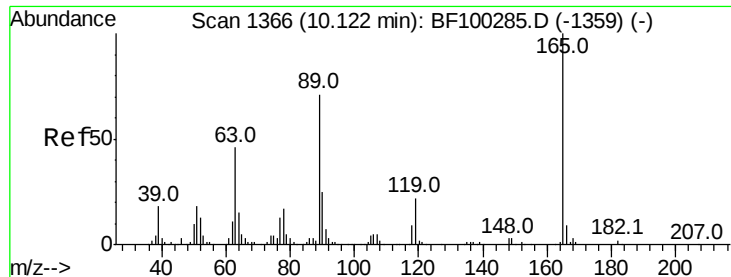
Tot Ion: 65 Resp: 158
Ion Ratio Lower Upper
65 100
92 162.9 55.8 83.6#
138 74.7 91.2 136.8#



#50
2,6-Dinitrotoluene
Concen: 8.156 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.22 min
Lab File: BF100395.D
Acq: 10 Nov 2017 17:08

Tgt Ion:165 Resp: 37510
Ion Ratio Lower Upper
165 100
63 2.0 44.7 67.1#
89 1.5 44.0 66.0#

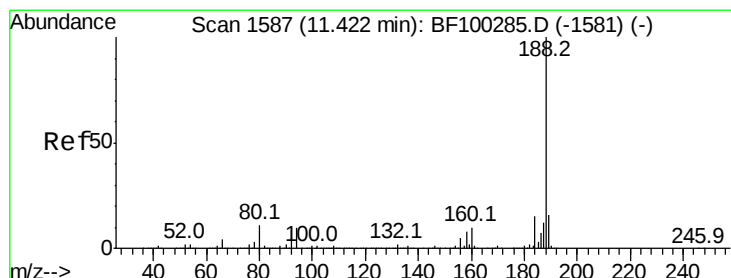
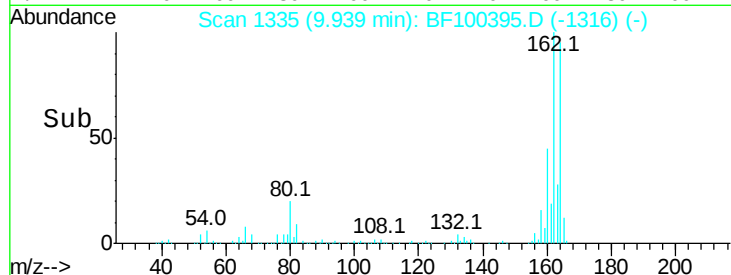
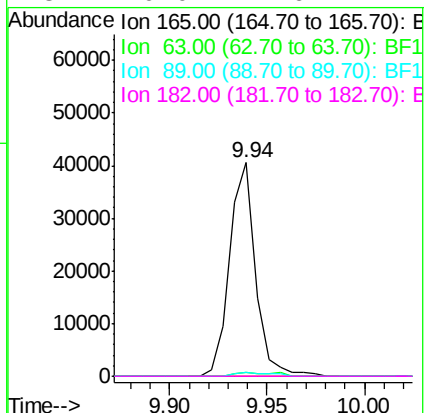
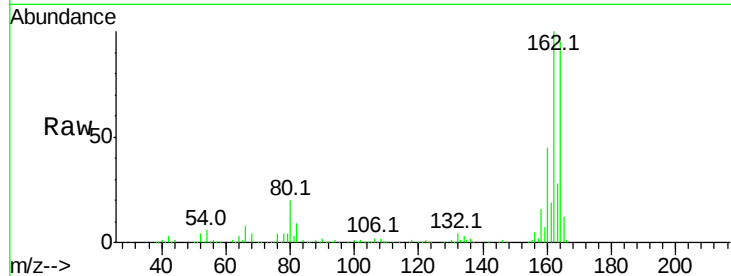




#56
2,4-Dinitrotoluene
Concen: 6.465 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.19 min
Lab File: BF100395.D
Acq: 10 Nov 2017 17:08

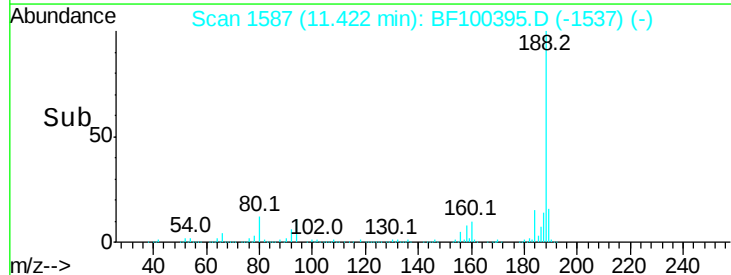
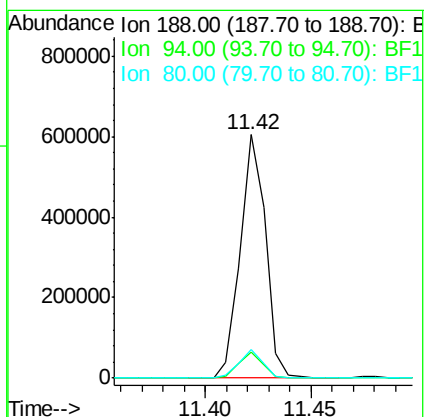
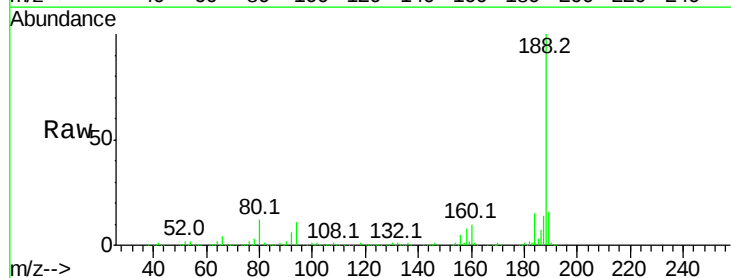
Instrument :
BNA_F
ClientSampleId :

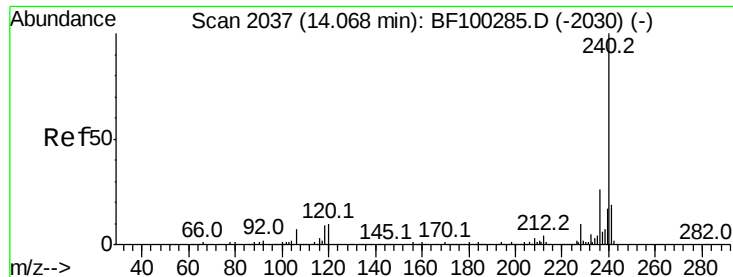
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100395.D
Acq: 10 Nov 2017 17:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.6	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100395.D

Acq: 10 Nov 2017 17:08

Instrument :

BNA_F

ClientSampled :

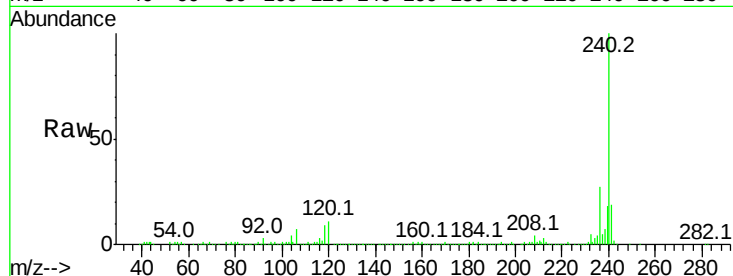
Tot Ion:240 Resp: 360880

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

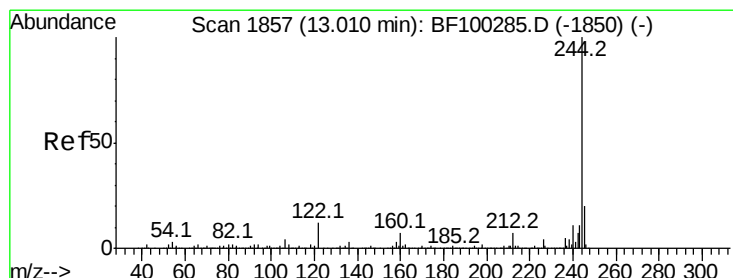
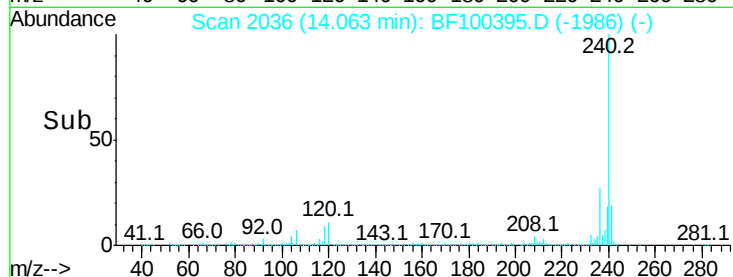
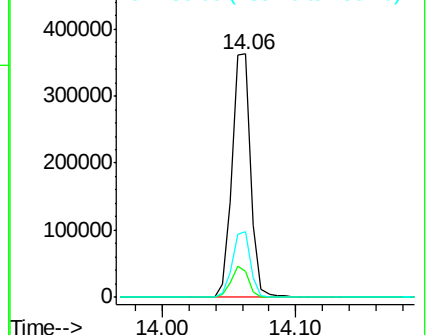
236 26.9 20.7 31.1



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: 7.581 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF100395.D

Acq: 10 Nov 2017 17:08

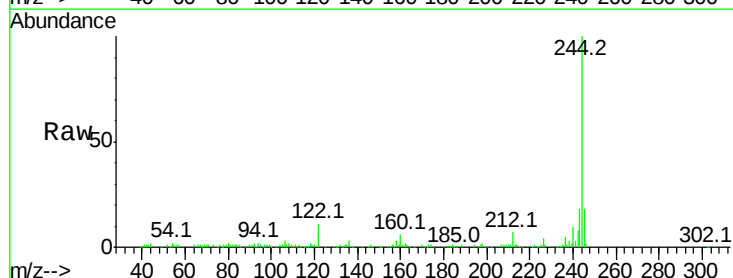
Tgt Ion:244 Resp: 119074

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

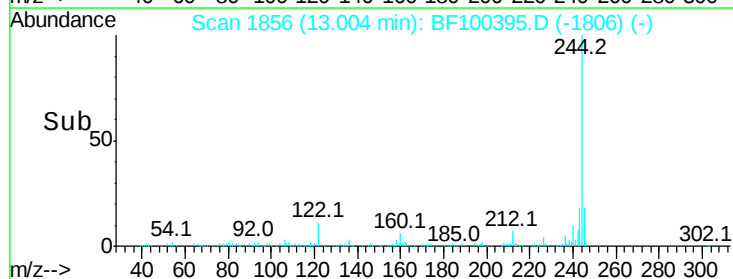
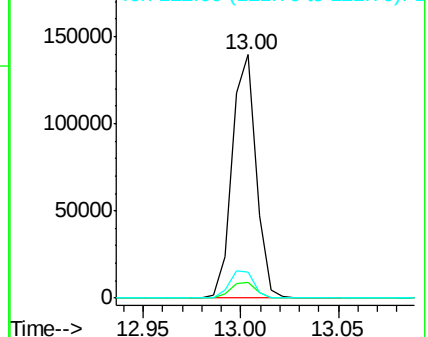
122 10.9 11.0 16.4#

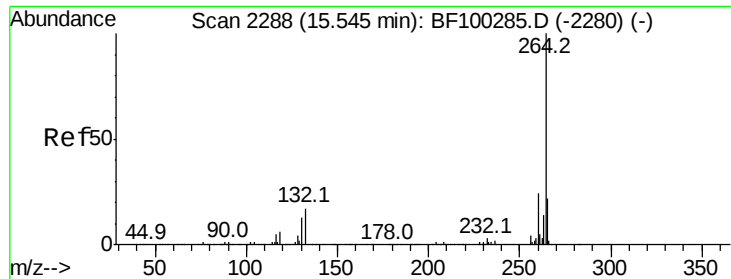


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

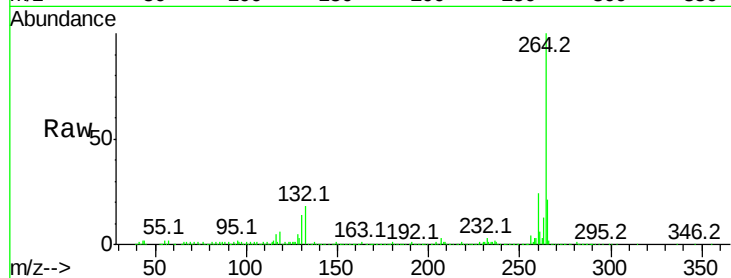




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF100395.D
Acq: 10 Nov 2017 17:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.3	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

