

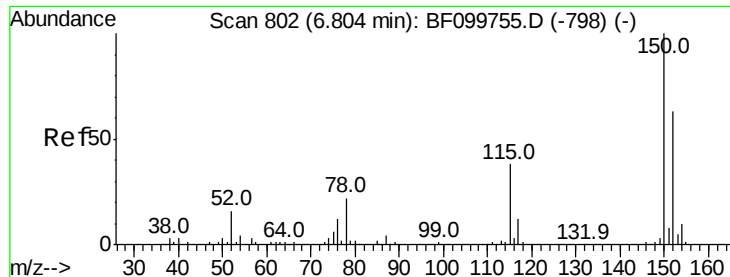
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100185.D
 Acq On : 4 Nov 2017 18:17
 Operator : SJ/JU
 Sample : I6099-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 23:51:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	91128	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	380439	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	178087	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	313180	20.00	ng	0.00
75) Chrysene-d12	13.94	240	174184	20.00	ng	-0.01
86) Perylene-d12	15.40	264	154831	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	625441	107.75	ng	0.00
7) Phenol-d6	6.42	99	756990	109.99	ng	0.00
23) Nitrobenzene-d5	7.33	82	389405	65.90	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	161046	99.23	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	612399	53.05	ng	-0.01
78) Terphenyl-d14	12.87	244	417758	52.41	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.54	77	11406	2.773	ng	92
19) n-Nitroso-di-n-propylamine	7.33	70	48071	11.919	ng	# 72
25) Isophorone	7.33	82	389405	36.316	ng	# 64
49) Dimethylphthalate	9.52	163	157805	11.189	ng	99
56) 2,4-Dinitrotoluene	9.80	165	22340	6.257	ng	# 23
62) Azobenzene	10.51	77	33569	2.908	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	10706	3.247	ng	# 1

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

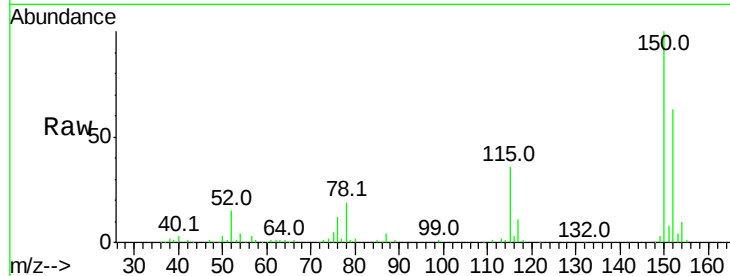


#1

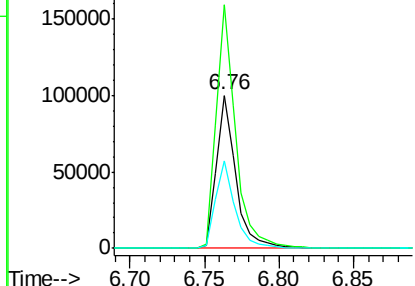
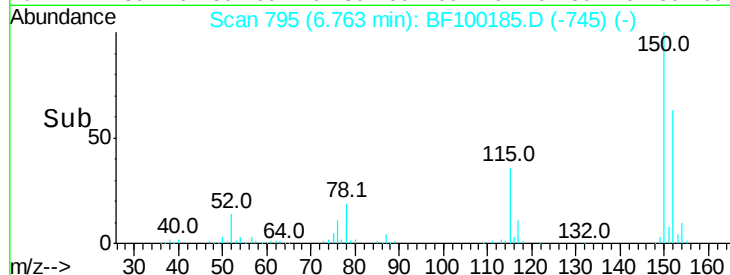
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100185.D
Acq: 4 Nov 2017 18:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 91128
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 57.4 50.1 75.1



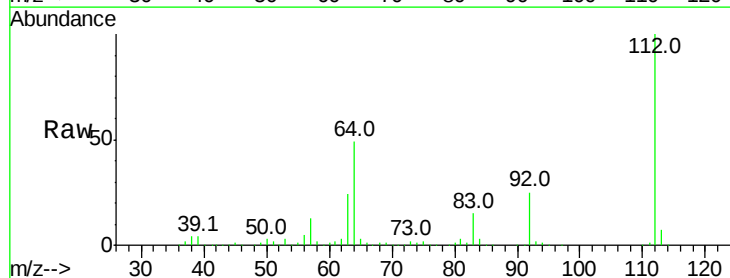
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



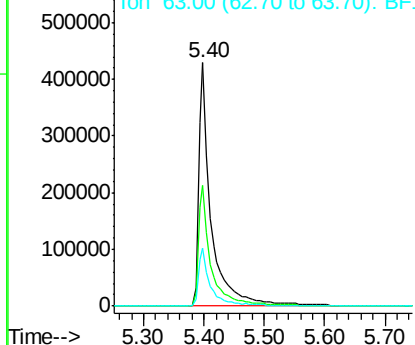
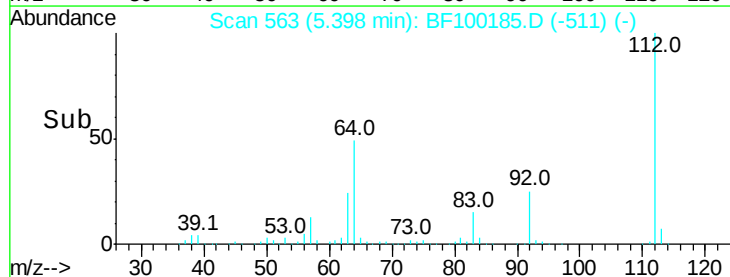
#5

2-Fluorophenol
Concen: 107.752 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF100185.D
Acq: 4 Nov 2017 18:17

Tgt Ion:112 Resp: 625441
Ion Ratio Lower Upper
112 100
64 49.4 47.9 71.9
63 24.0 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: 109.988 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100185.D

Acq: 4 Nov 2017 18:17

Instrument :

BNA_F

ClientSampleId :

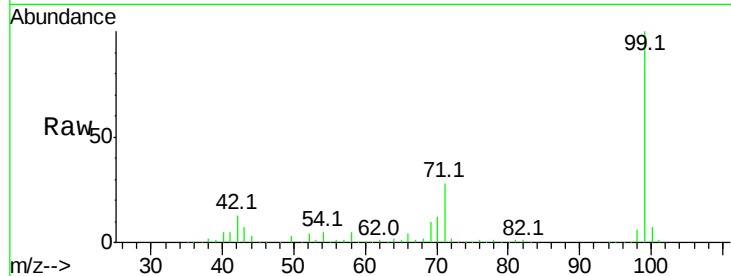
Tot Ion: 99 Resp: 756990

Ion Ratio Lower Upper

99 100

42 13.2 14.5 21.7#

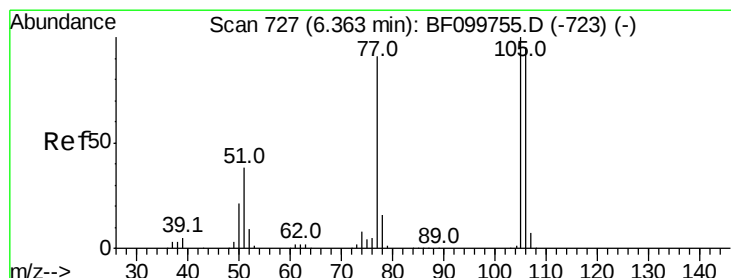
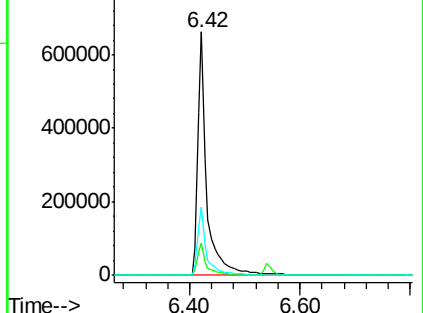
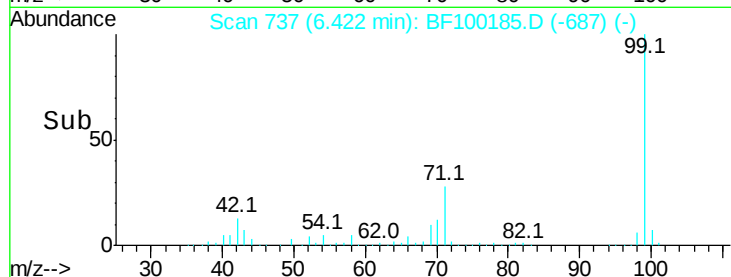
71 28.0 25.4 38.0



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: 2.773 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.21 min

Lab File: BF100185.D

Acq: 4 Nov 2017 18:17

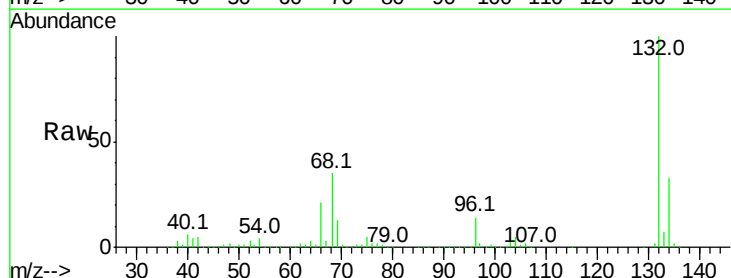
Tgt Ion: 77 Resp: 11406

Ion Ratio Lower Upper

77 100

105 87.2 81.1 121.1

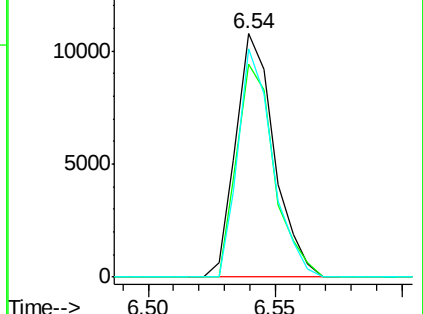
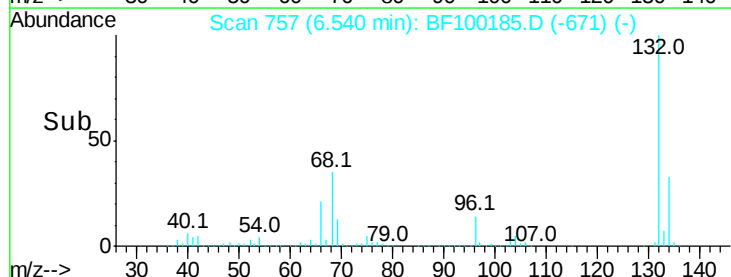
106 93.7 74.5 114.5

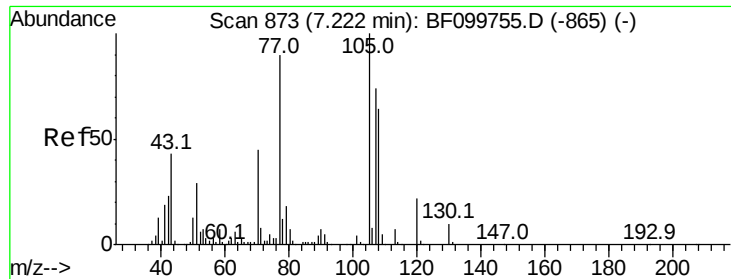


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

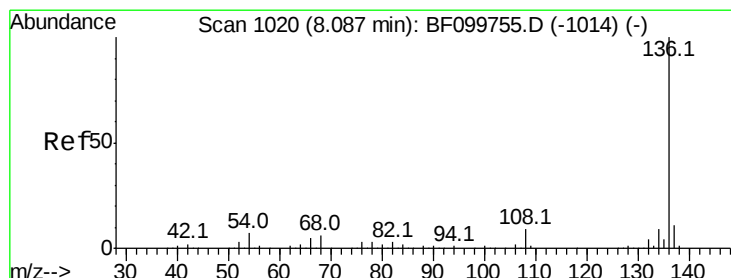
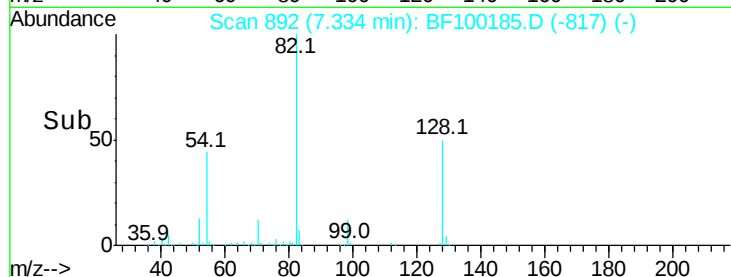
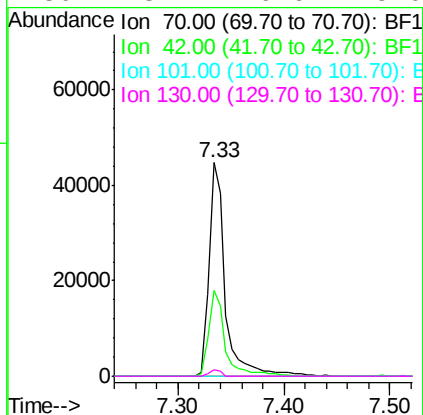
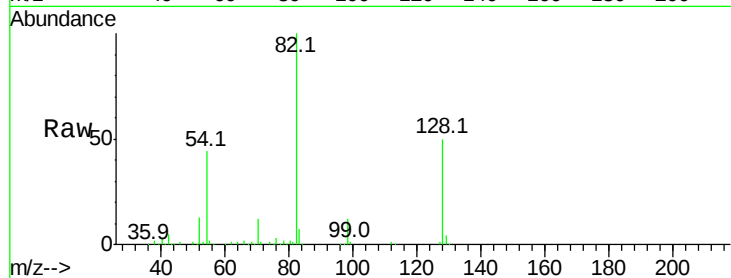




#19
n-Nitroso-di-n-propylamine
Concen: 11.919 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.14 min
Lab File: BF100185.D
Acq: 4 Nov 2017 18:17

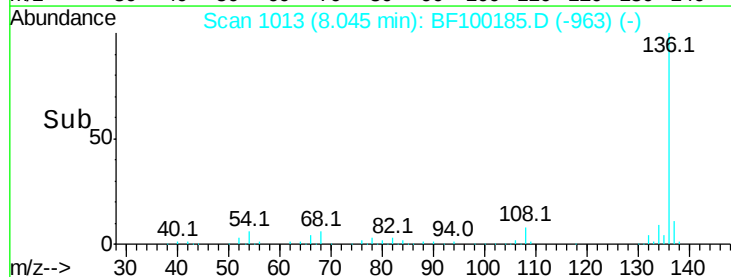
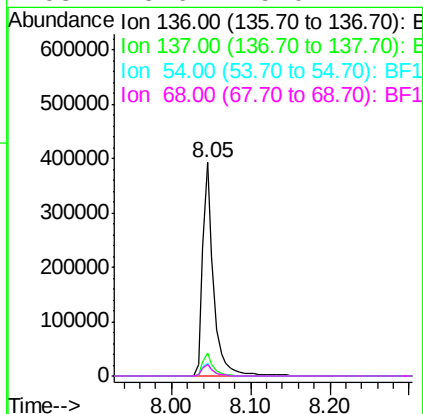
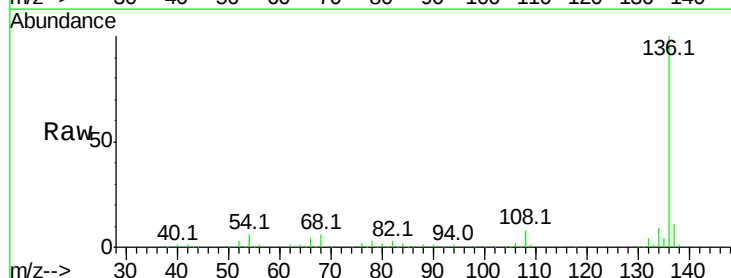
Instrument :
BNA_F
ClientSampleId :

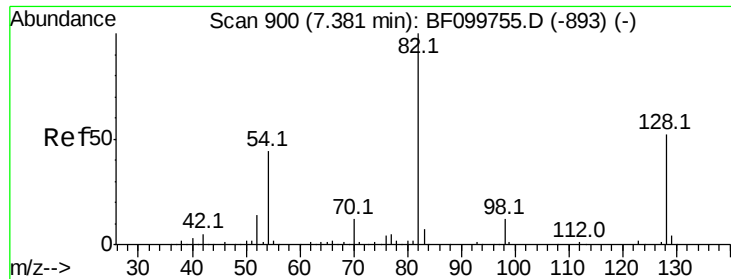
Tot Ion: 70 Resp: 48071
Ion Ratio Lower Upper
70 100
42 40.4 47.5 71.3#
101 0.0 7.4 11.2#
130 3.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF100185.D
Acq: 4 Nov 2017 18:17

Tgt Ion:136 Resp: 380439
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.1 6.6 9.8#
68 5.6 5.0 7.4

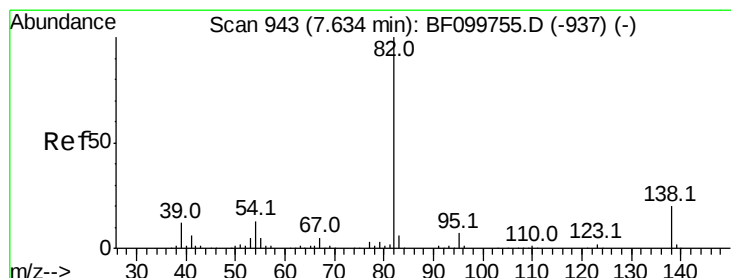
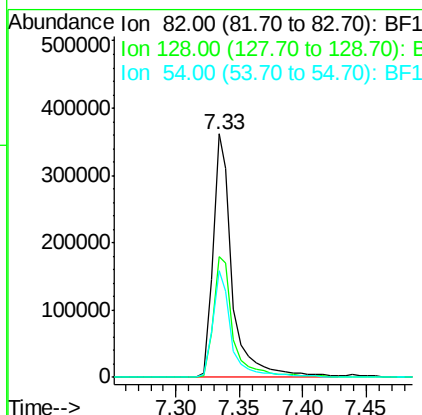
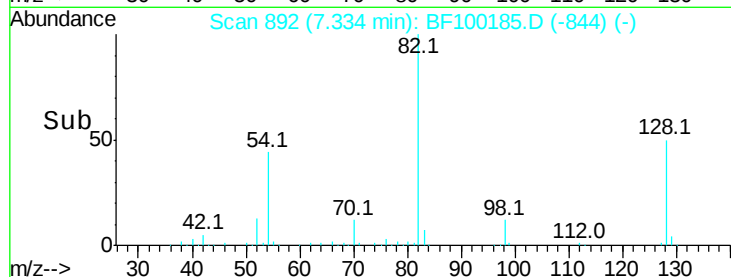
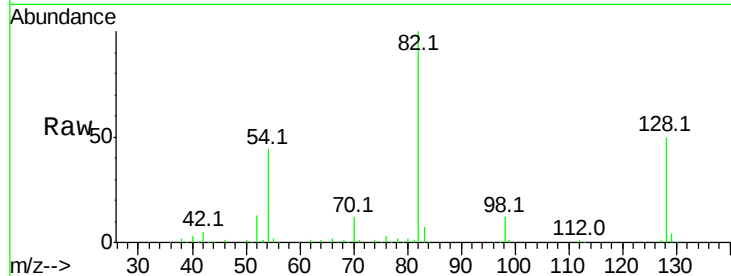




#23
 Nitrobenzene-d5
 Concen: 65.898 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.02 min
 Lab File: BF100185.D
 Acq: 4 Nov 2017 18:17

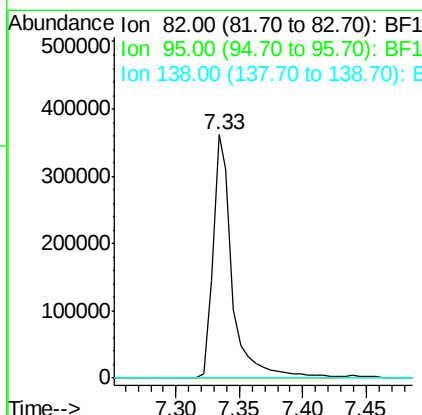
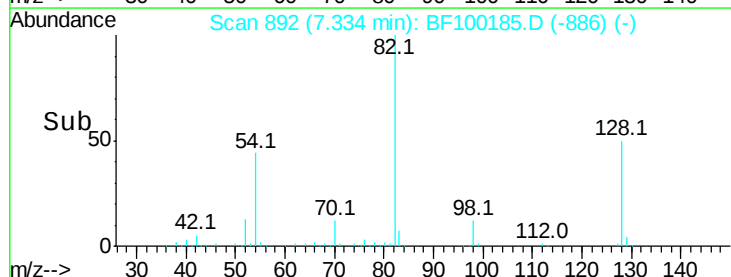
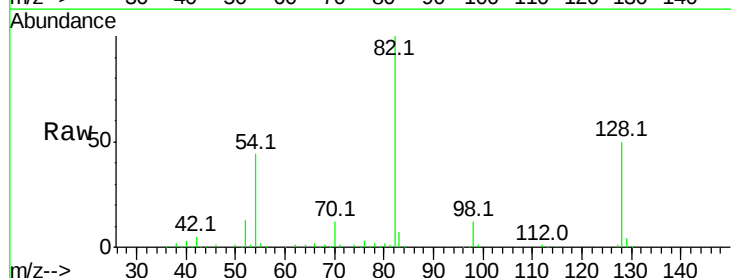
Instrument :
 BNA_F
 ClientSampled :

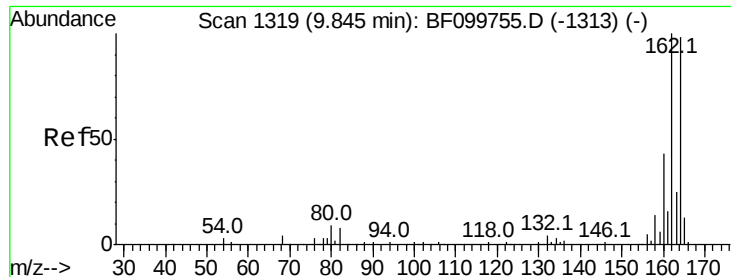
Tot Ion:	82	Resp:	389405
Ion Ratio	Lower	Upper	
82	100		
128	49.6	36.1	54.1
54	43.7	41.4	62.2



#25
 Isophorone
 Concen: 36.316 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.26 min
 Lab File: BF100185.D
 Acq: 4 Nov 2017 18:17

Tgt Ion:	82	Resp:	389405
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

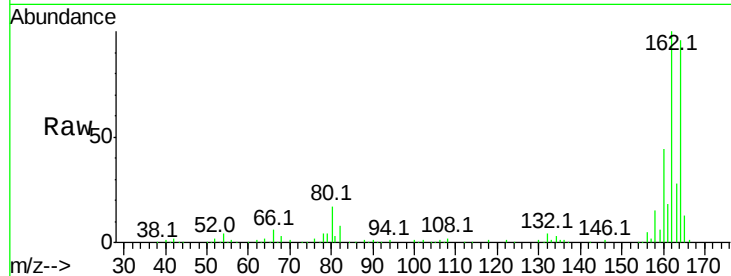




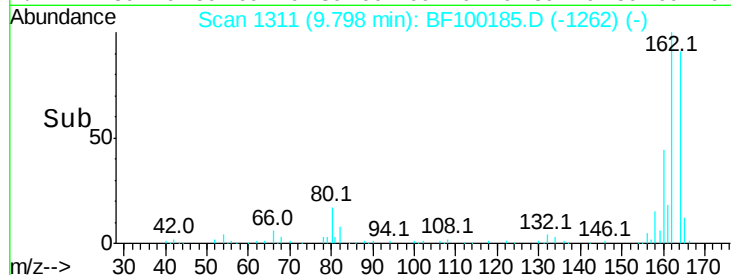
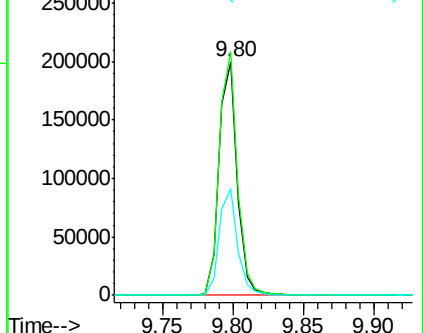
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF100185.D
Acq: 4 Nov 2017 18:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 178087
Ion Ratio Lower Upper
164 100
162 104.1 86.1 129.1
160 45.7 38.3 57.5

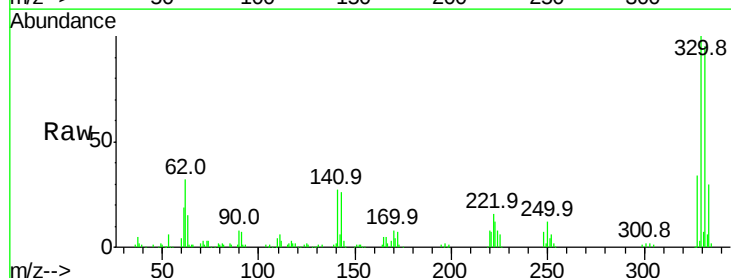


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

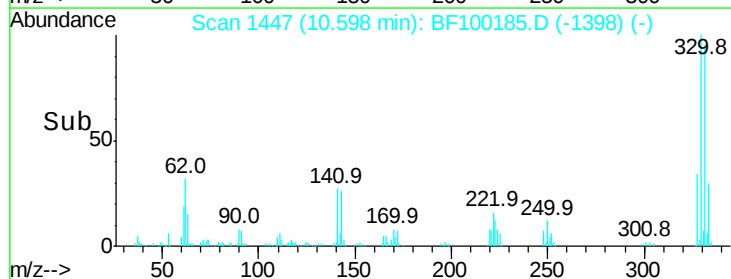
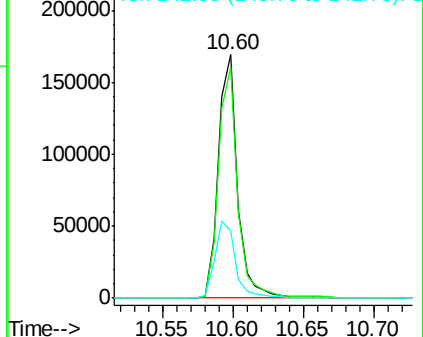


#41
2,4,6-Tribromophenol
Concen: 99.231 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF100185.D
Acq: 4 Nov 2017 18:17

Tgt Ion:330 Resp: 161046
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.6
141 33.5 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

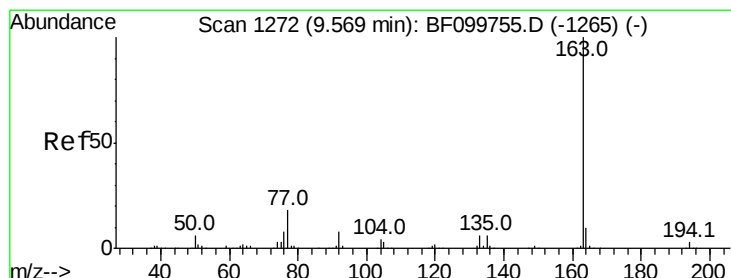
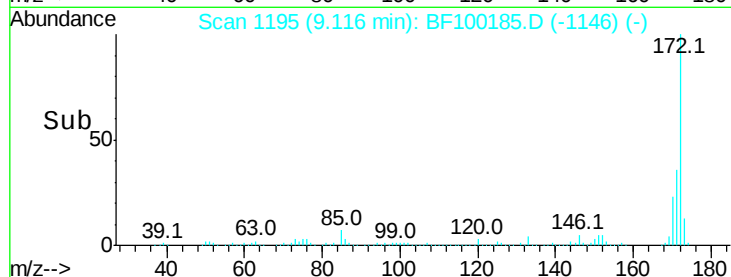
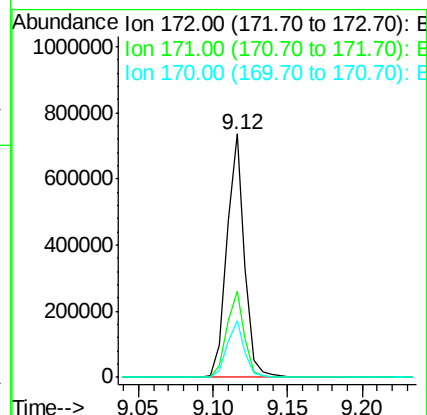
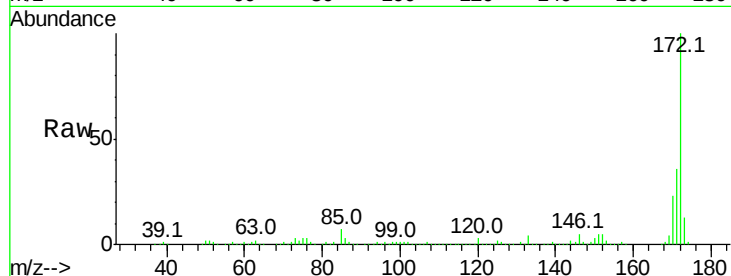




#44
2-Fluorobiphenyl
Concen: 53.055 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF100185.D
Acq: 4 Nov 2017 18:17

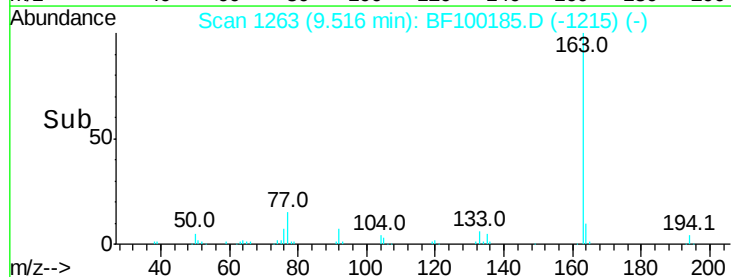
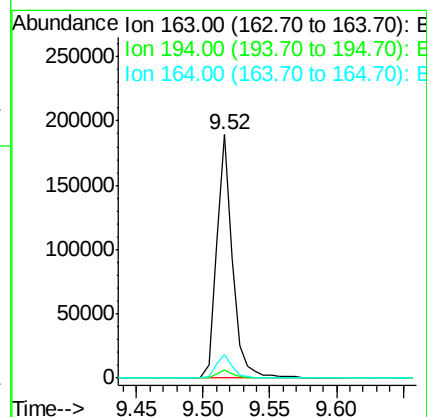
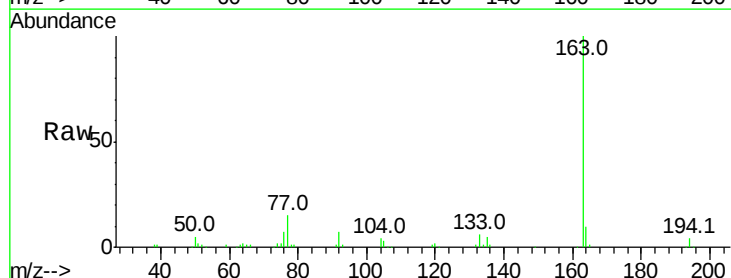
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.1	19.6	29.4



#49
Dimethylphthalate
Concen: 11.189 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF100185.D
Acq: 4 Nov 2017 18:17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.6	8.2	12.2

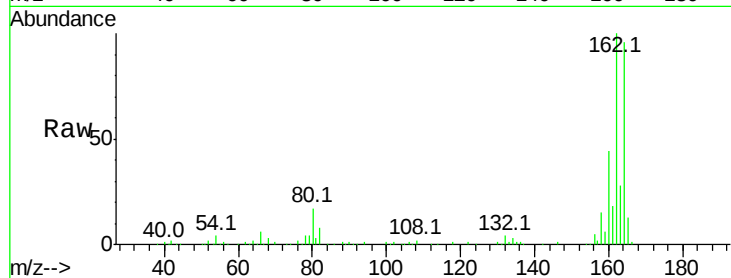




#56
2,4-Dinitrotoluene
Concen: 6.257 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.23 min
Lab File: BF100185.D
Acq: 4 Nov 2017 18:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



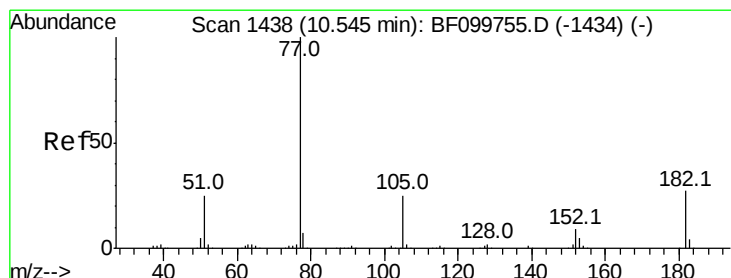
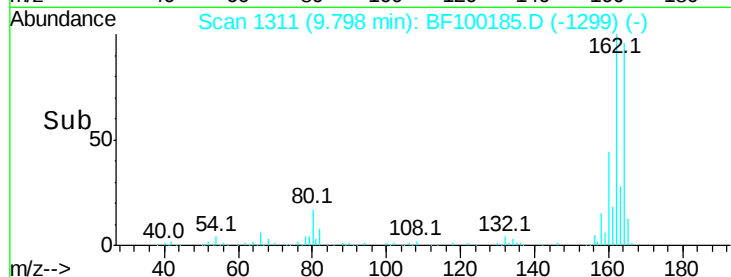
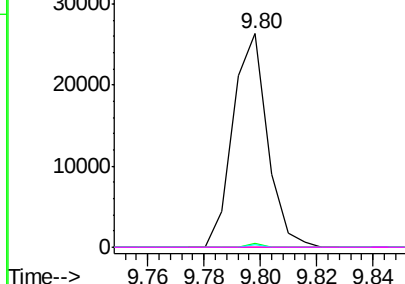
Abundance

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



#62
Azobenzene
Concen: 2.908 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF100185.D
Acq: 4 Nov 2017 18:17

Tgt Ion	Ratio	Lower	Upper
77	100		
182	87.2	1.7	41.7#
105	182.2	3.0	43.0#
51	33.8	9.9	49.9

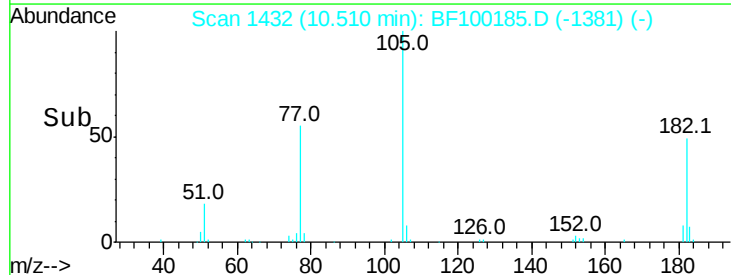
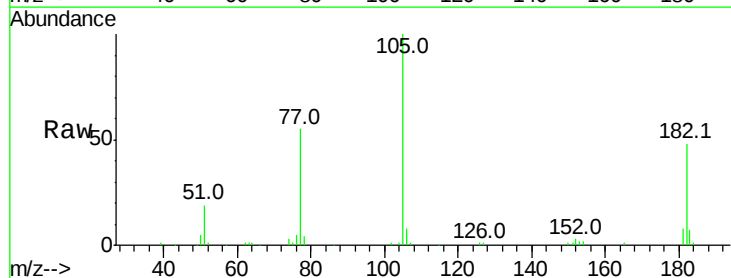
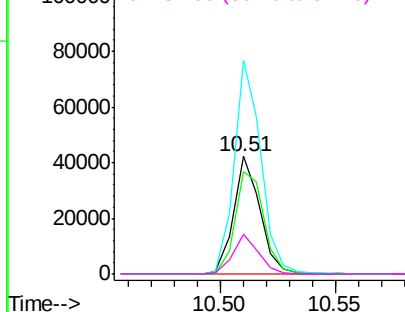
Abundance

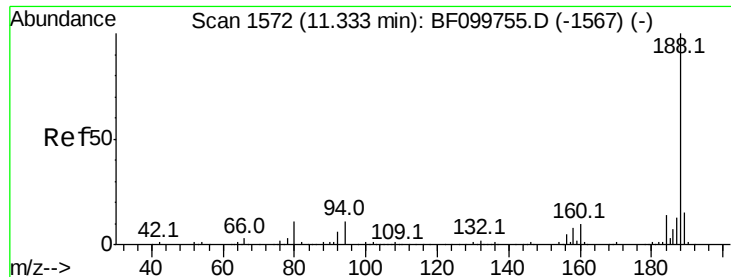
Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

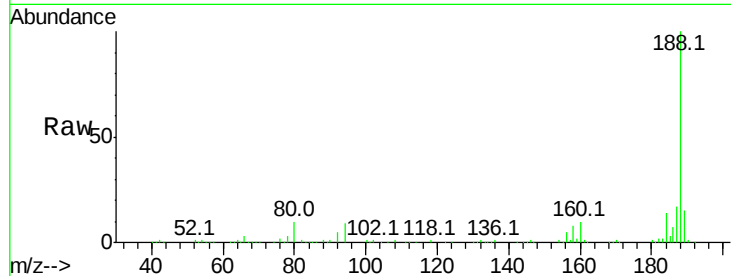




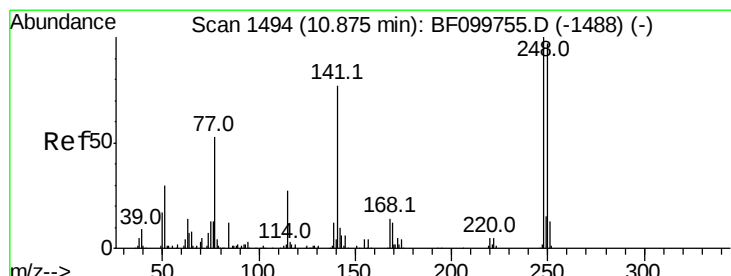
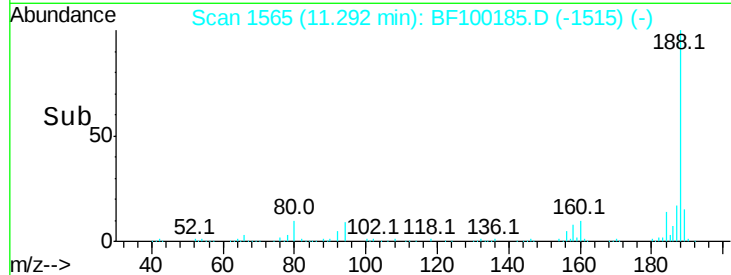
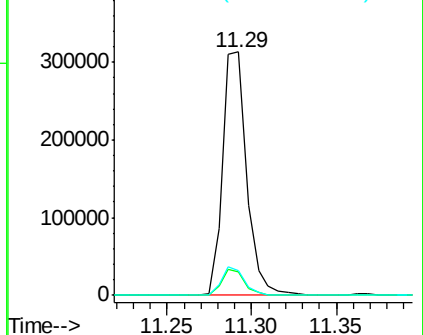
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF100185.D
 Acq: 4 Nov 2017 18:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 313180
 Ion Ratio Lower Upper
 188 100
 94 9.4 8.5 12.7
 80 10.0 9.2 13.8

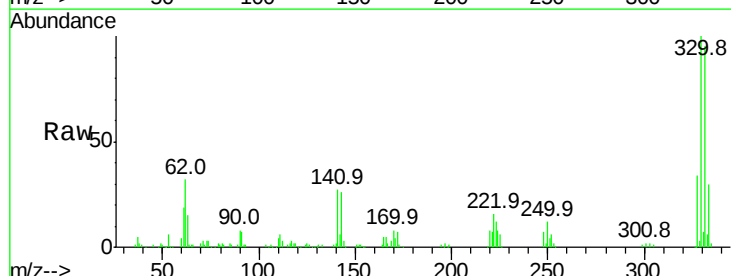


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

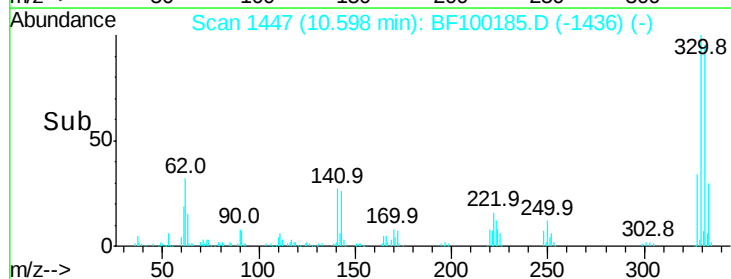
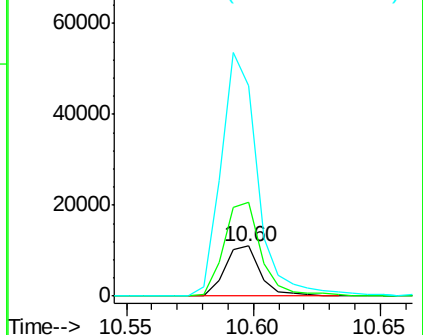


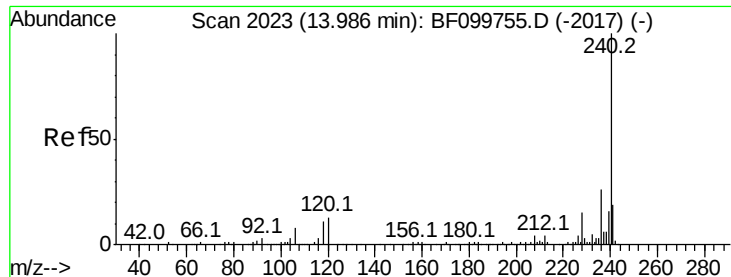
#66
 4-Bromophenyl-phenylether
 Concen: 3.247 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.24 min
 Lab File: BF100185.D
 Acq: 4 Nov 2017 18:17

Tgt Ion:248 Resp: 10706
 Ion Ratio Lower Upper
 248 100
 250 186.9 76.9 115.3#
 141 421.1 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF100185.D

Acq: 4 Nov 2017 18:17

Instrument :

BNA_F

ClientSampled :

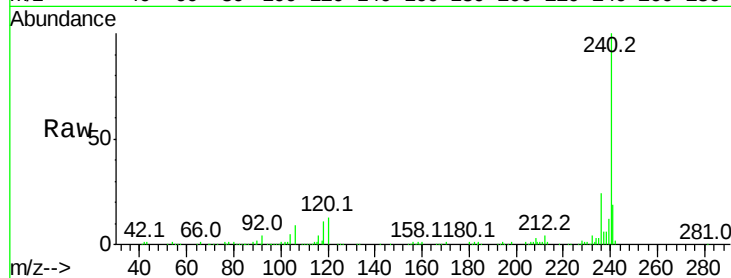
Tot Ion:240 Resp: 174184

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

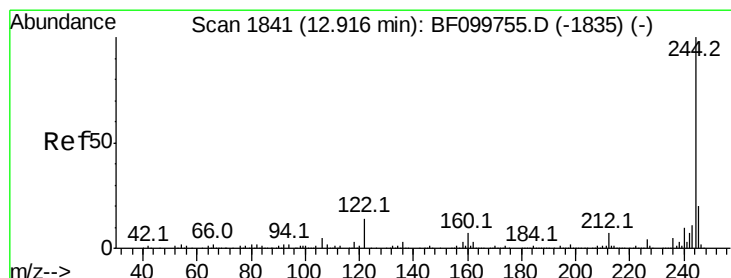
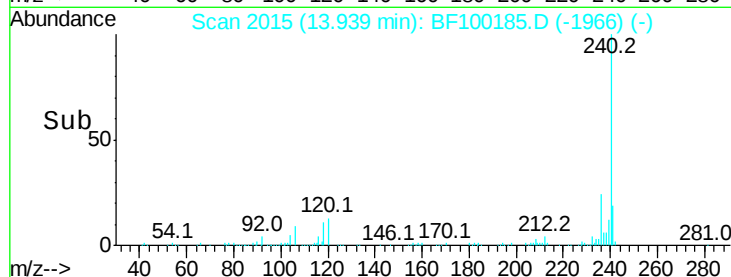
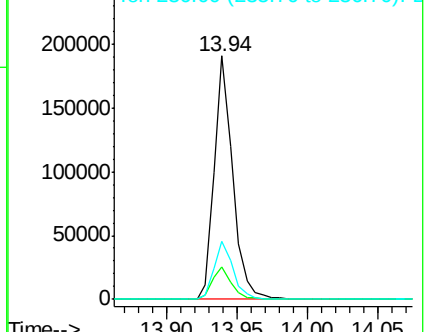
236 23.9 20.7 31.1



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: 52.413 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF100185.D

Acq: 4 Nov 2017 18:17

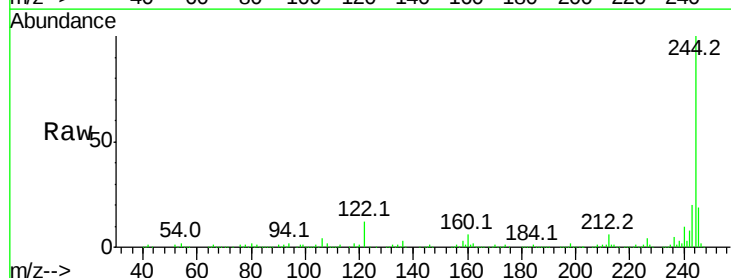
Tgt Ion:244 Resp: 417758

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

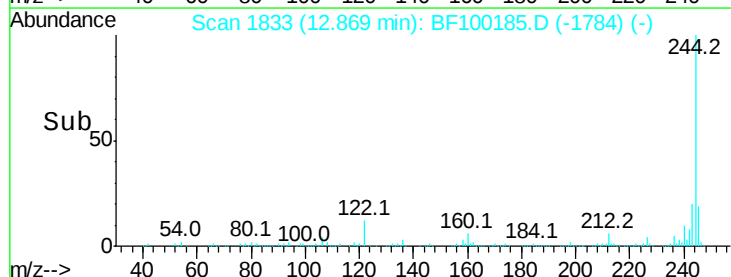
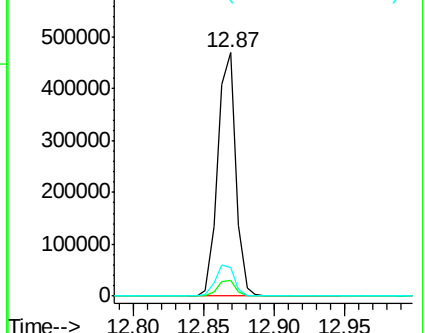
122 11.8 11.0 16.4

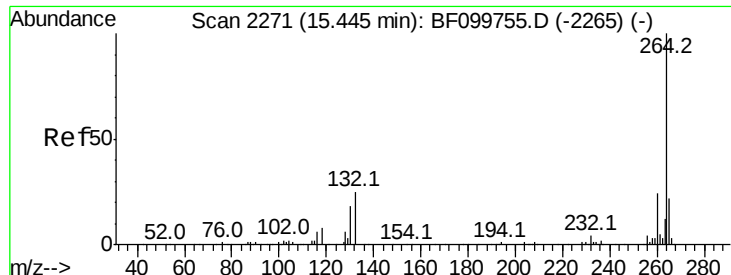


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

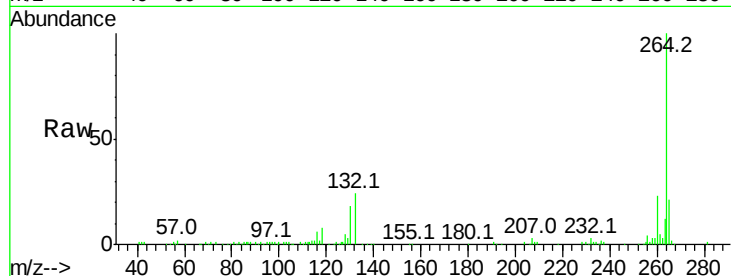




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BF100185.D
 Acq: 4 Nov 2017 18:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.4	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

