

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
 Data File : BF100925.D
 Acq On : 28 Nov 2017 11:21
 Operator : SJ/JU
 Sample : PB104527BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 28 15:23:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

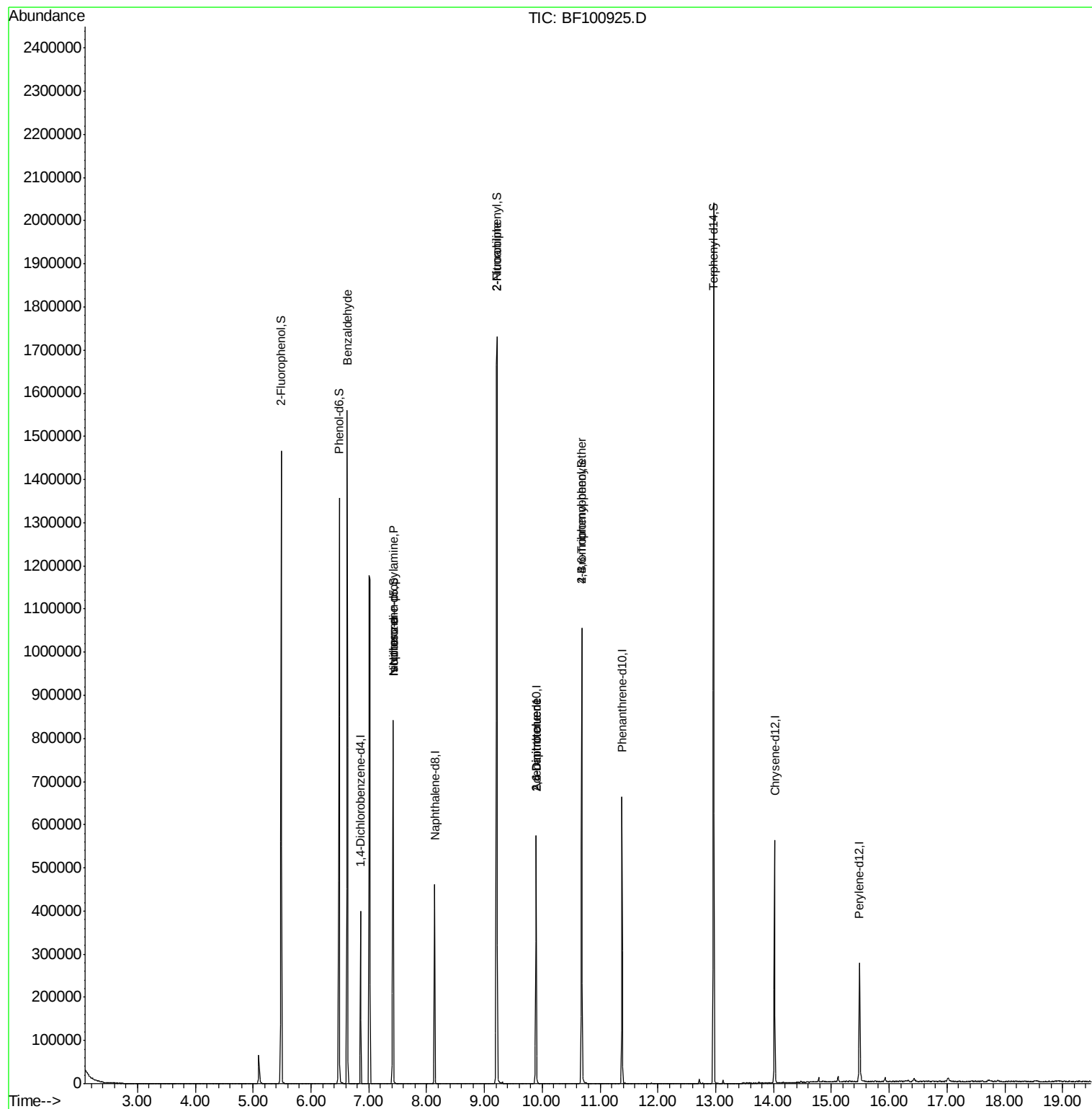
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	58753	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	232680	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	114265	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	242100	20.00	ng	0.00
75) Chrysene-d12	14.02	240	209377	20.00	ng	0.00
86) Perylene-d12	15.49	264	148095	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	403246	110.02	ng	0.01
7) Phenol-d6	6.49	99	483380	106.95	ng	0.00
23) Nitrobenzene-d5	7.42	82	304281	86.46	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	154539	132.72	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	661163	88.11	ng	0.00
78) Terphenyl-d14	12.97	244	746816	81.96	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	8918	2.763	ng	84
19) n-Nitroso-di-n-propylamine	7.42	70	39512	12.606	ng	# 79
25) Isophorone	7.42	82	303856	41.085	ng	# 64
47) 2-Nitroaniline	9.22	65	771	3.127	ng	# 1
50) 2,6-Dinitrotoluene	9.89	165	14537	8.418	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	14537	6.673	ng	# 21
66) 4-Bromophenyl-phenylether	10.69	248	9394	3.620	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
Data File : BF100925.D
Acq On : 28 Nov 2017 11:21
Operator : SJ/JU
Sample : PB104527BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 28 15:23:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 15:21:02 2017
Response via : Initial Calibration



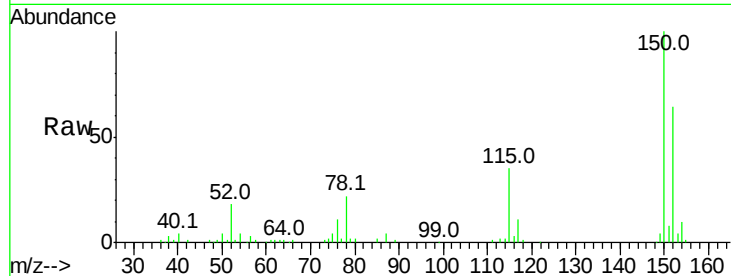


#1

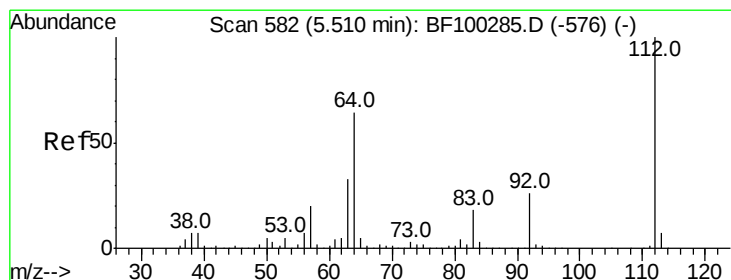
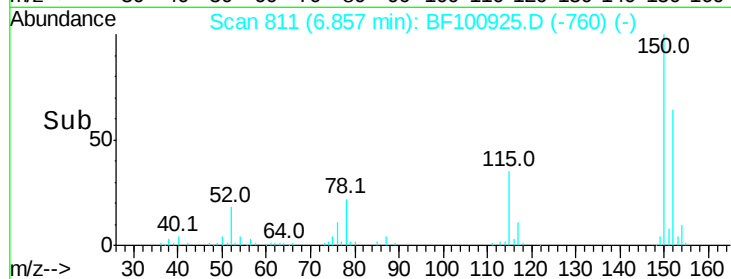
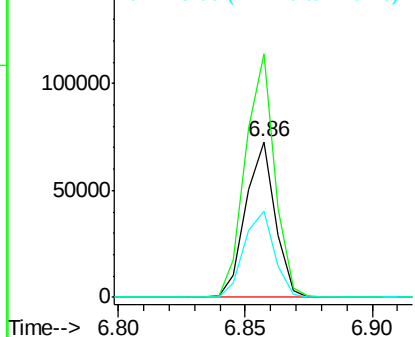
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF100925.D
Acq: 28 Nov 2017 11:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 58753
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 55.5 50.1 75.1



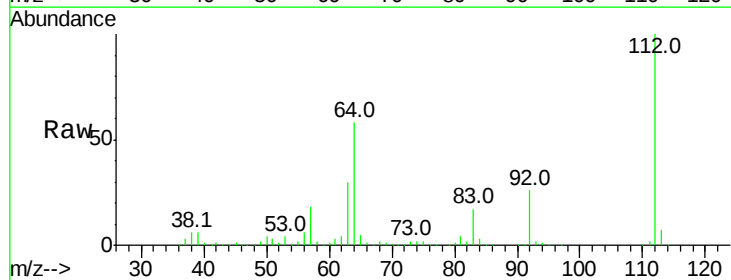
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



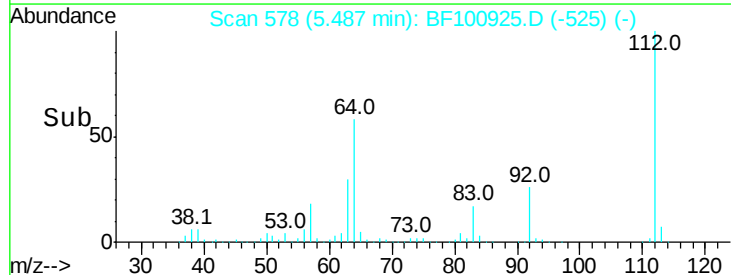
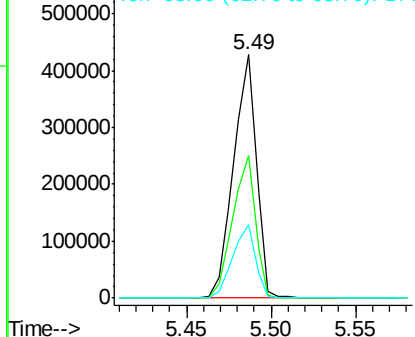
#5

2-Fluorophenol
Concen: 110.020 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF100925.D
Acq: 28 Nov 2017 11:21

Tgt Ion:112 Resp: 403246
Ion Ratio Lower Upper
112 100
64 58.4 47.9 71.9
63 30.2 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: 106.950 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF100925.D

Acq: 28 Nov 2017 11:21

Instrument :

BNA_F

ClientSampleId :

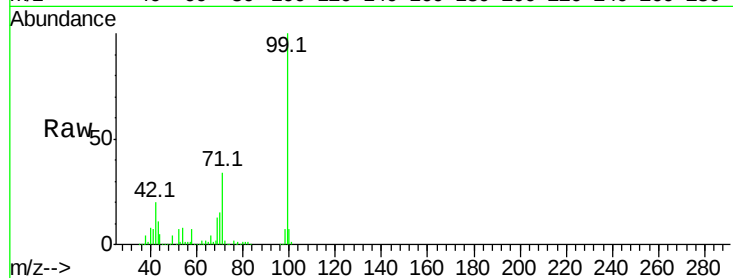
Tot Ion: 99 Resp: 483380

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

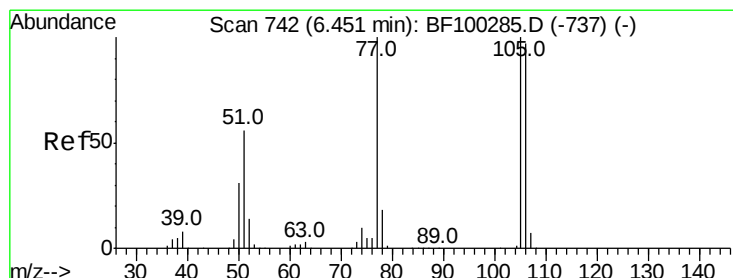
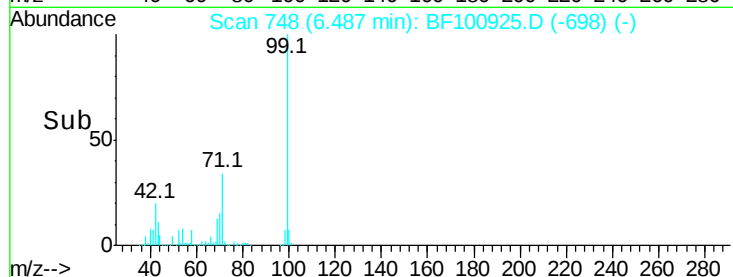
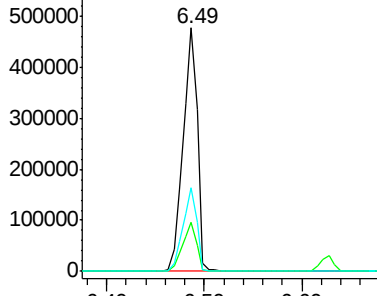
71 34.2 25.4 38.0



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: 2.763 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.21 min

Lab File: BF100925.D

Acq: 28 Nov 2017 11:21

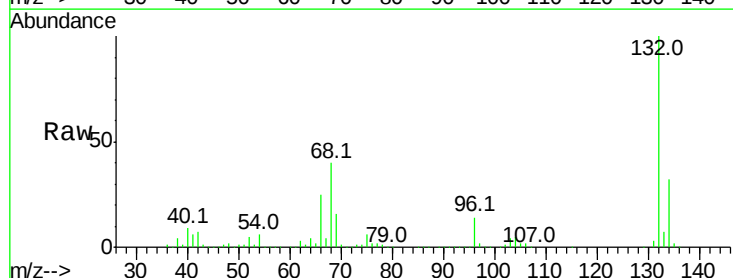
Tgt Ion: 77 Resp: 8918

Ion Ratio Lower Upper

77 100

105 84.5 81.1 121.1

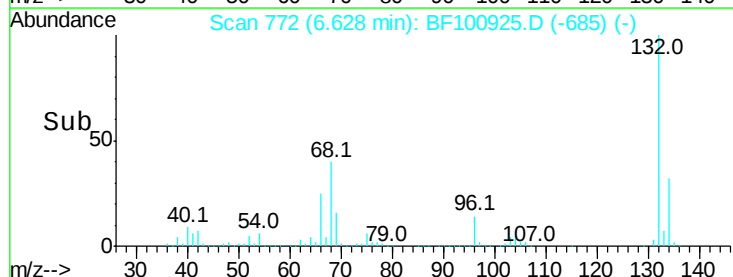
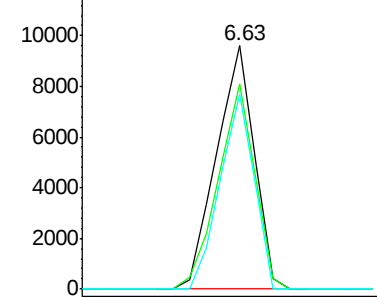
106 80.1 74.5 114.5

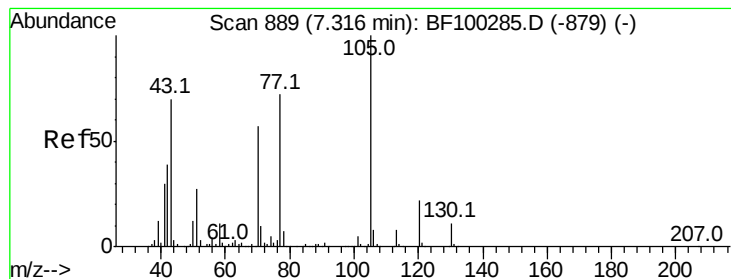


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 12.606 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.15 min

Lab File: BF100925.D

Acq: 28 Nov 2017 11:21

Instrument :

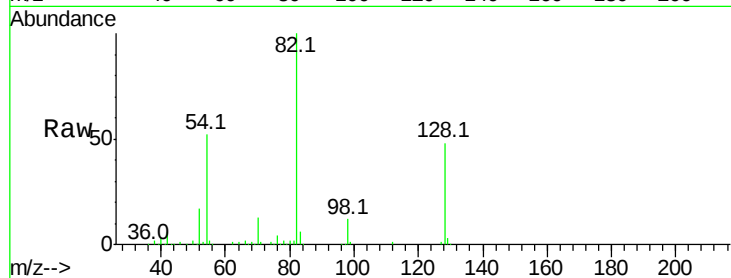
BNA_F

ClientSampled :

Tot Ion: 70 Resp: 39512

Ion Ratio Lower Upper

70	100		
42	48.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

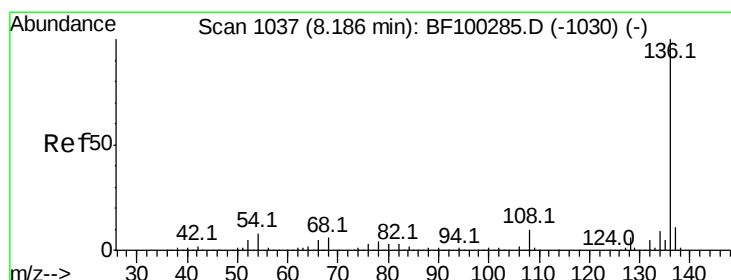
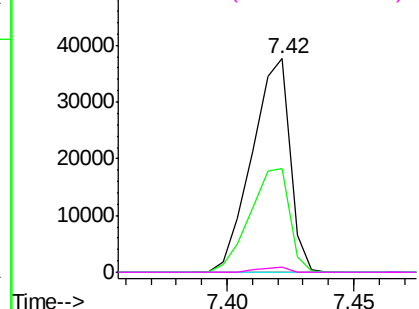
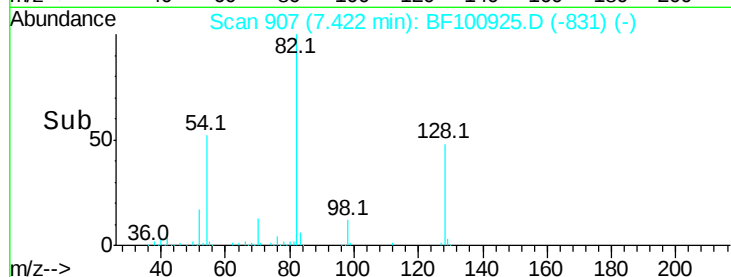


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.14 min Scan# 1029

Delta R.T. -0.00 min

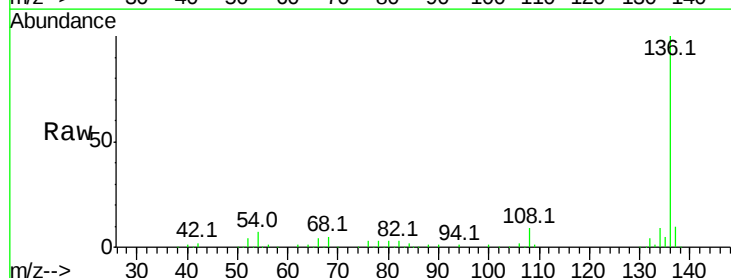
Lab File: BF100925.D

Acq: 28 Nov 2017 11:21

Tgt Ion:136 Resp: 232680

Ion Ratio Lower Upper

136	100		
137	10.0	8.9	13.3
54	7.1	6.6	9.8
68	5.0	5.0	7.4

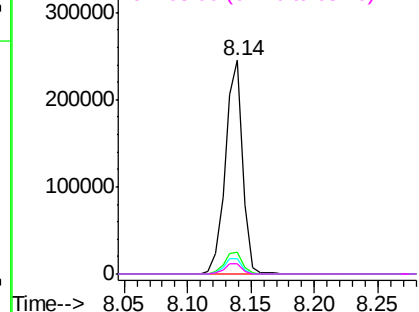
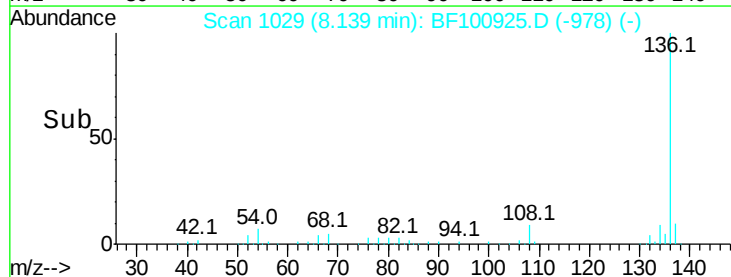


Abundance Ion 136.00 (135.70 to 136.70): BF1

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

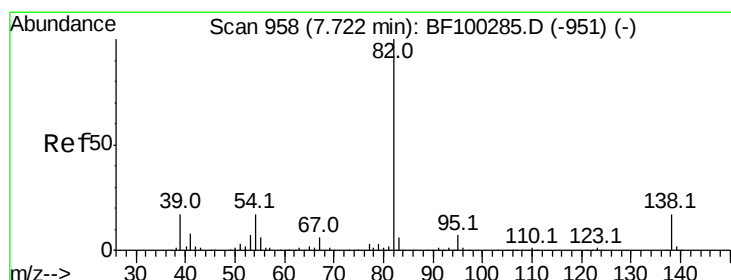
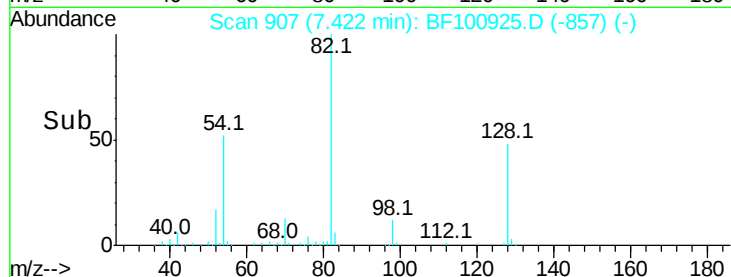
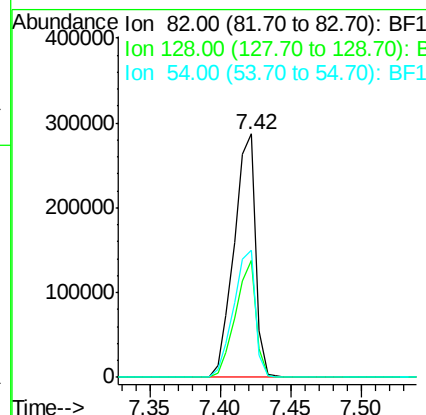
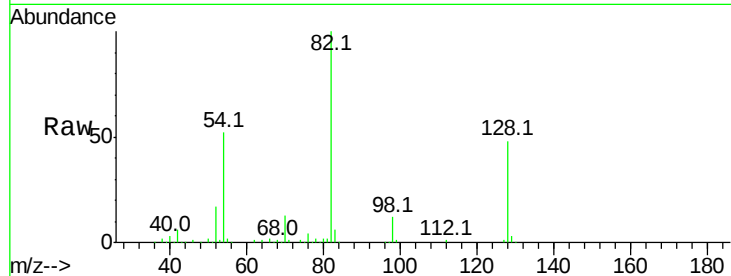




#23
 Nitrobenzene-d5
 Concen: 86.458 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF100925.D
 Acq: 28 Nov 2017 11:21

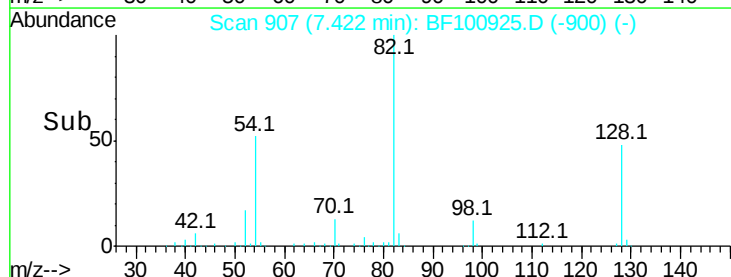
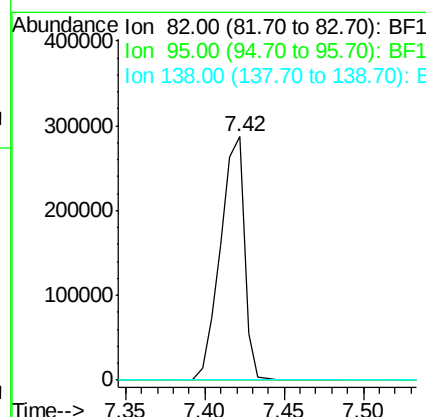
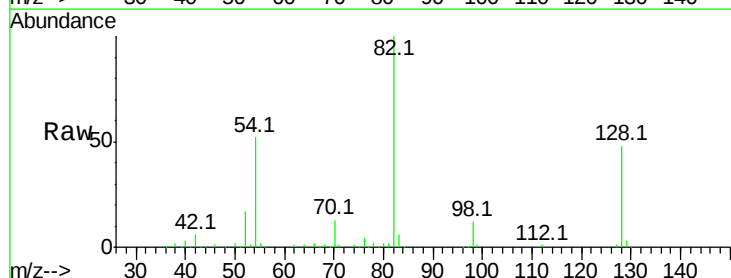
Instrument :
 BNA_F
 ClientSampleId :

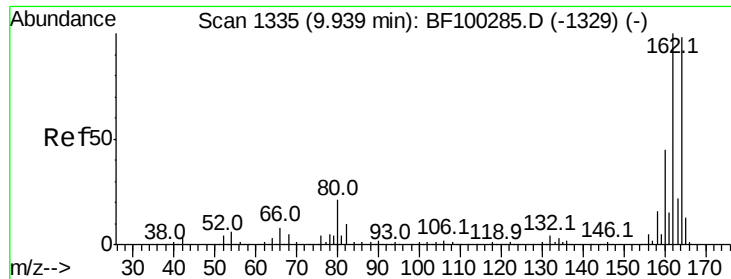
Tot Ion: 82 Resp: 304281
 Ion Ratio Lower Upper
 82 100
 128 48.2 36.1 54.1
 54 52.3 41.4 62.2



#25
 Isophorone
 Concen: 41.085 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.26 min
 Lab File: BF100925.D
 Acq: 28 Nov 2017 11:21

Tgt Ion: 82 Resp: 303856
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

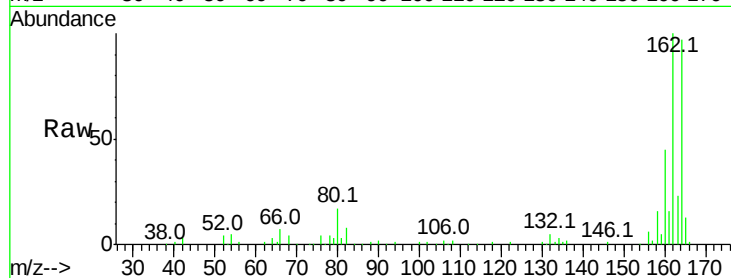




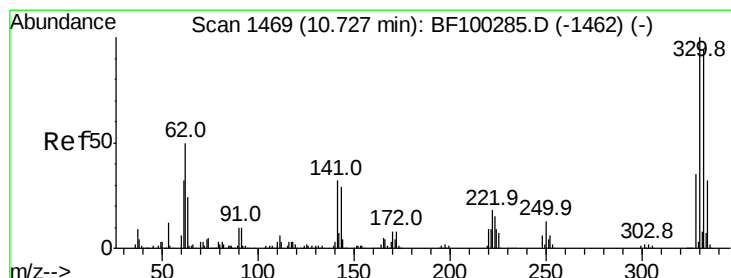
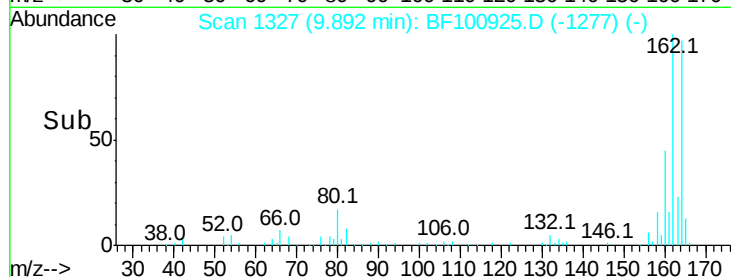
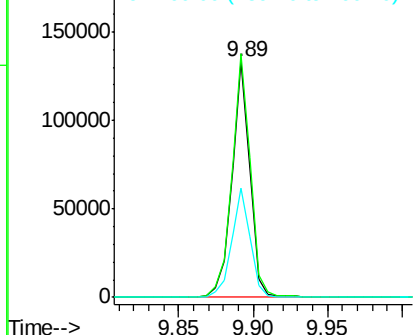
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF100925.D
 Acq: 28 Nov 2017 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	46.6	38.3	57.5

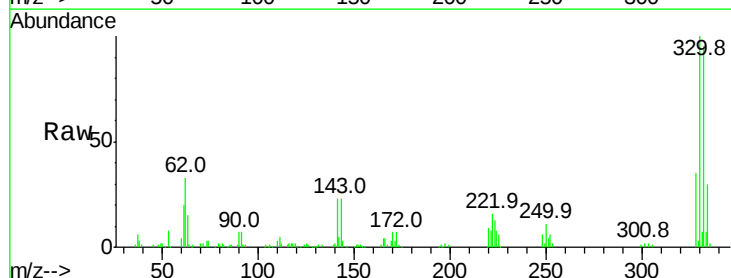


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

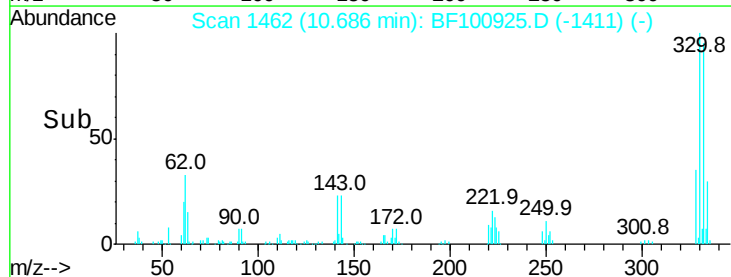
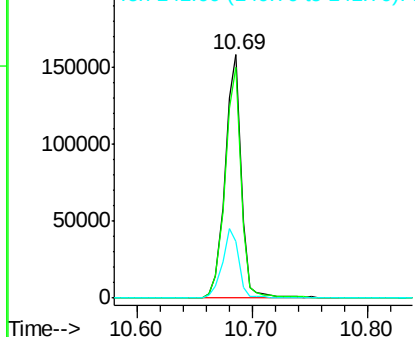


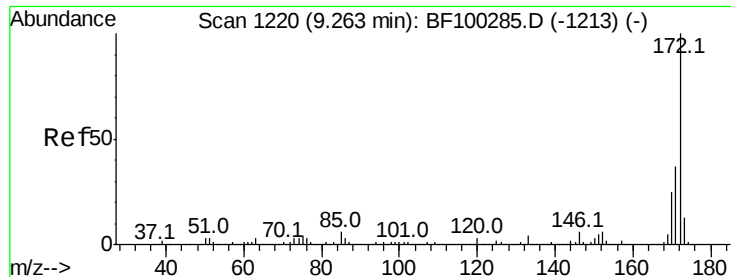
#41
 2,4,6-Tribromophenol
 Concen: 132.724 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: BF100925.D
 Acq: 28 Nov 2017 11:21

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	28.8	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

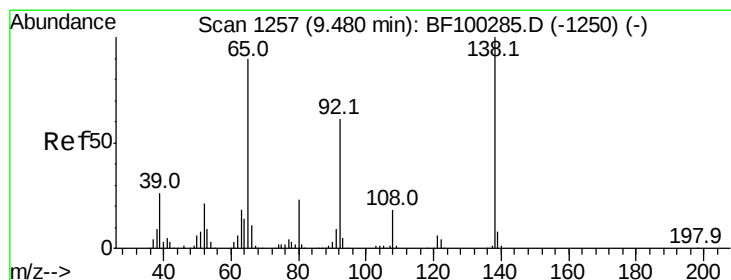
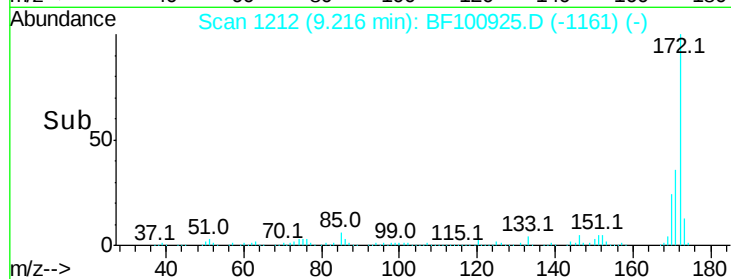
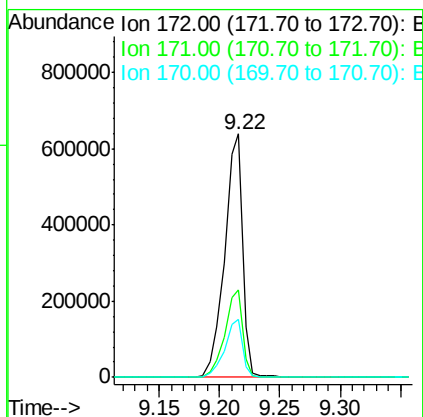
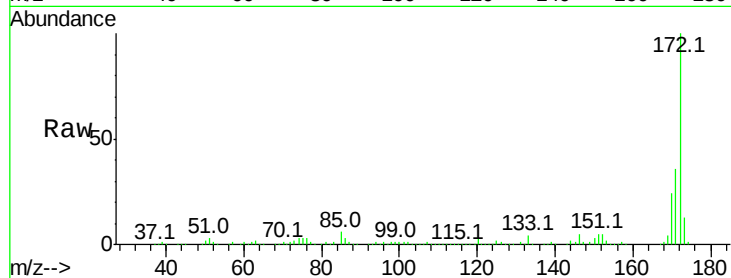




#44
 2-Fluorobiphenyl
 Concen: 88.108 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF100925.D
 Acq: 28 Nov 2017 11:21

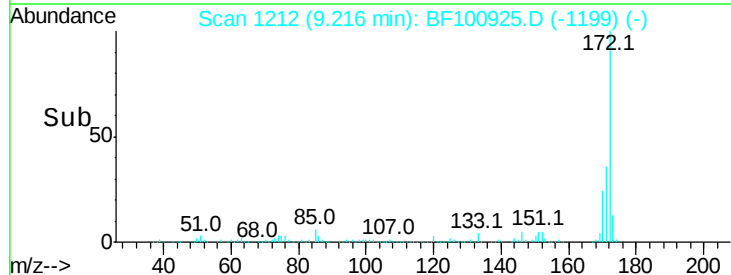
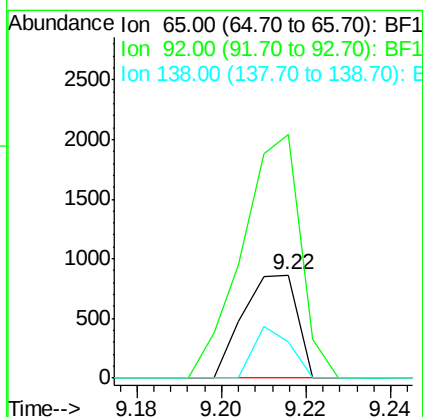
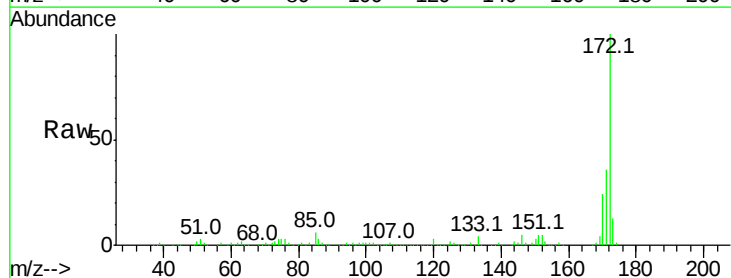
Instrument :
 BNA_F
 ClientSampleId :

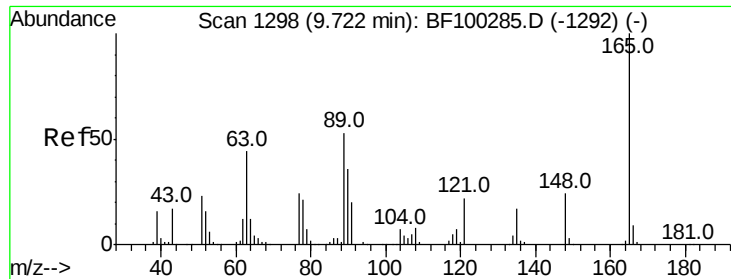
Tot Ion:172 Resp: 661163
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.8 19.6 29.4



#47
 2-Nitroaniline
 Concen: 3.127 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.22 min
 Lab File: BF100925.D
 Acq: 28 Nov 2017 11:21

Tgt Ion: 65 Resp: 771
 Ion Ratio Lower Upper
 65 100
 92 236.0 55.8 83.6#
 138 35.3 91.2 136.8#

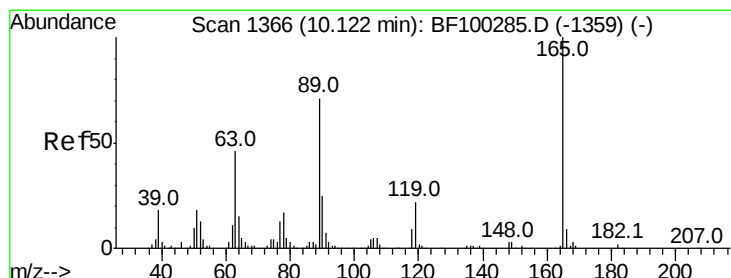
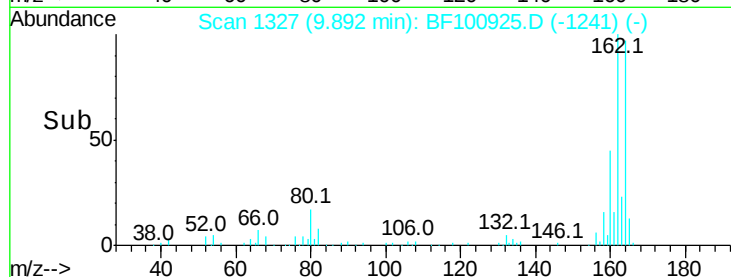
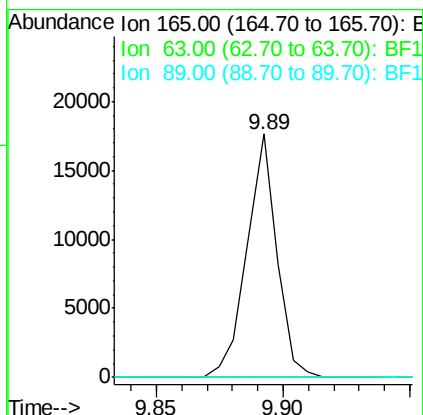
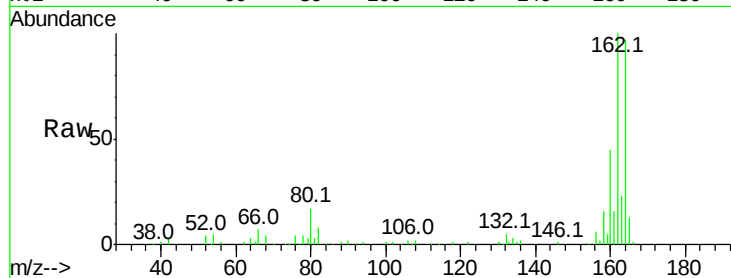




#50
 2,6-Dinitrotoluene
 Concen: 8.418 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF100925.D
 Acq: 28 Nov 2017 11:21

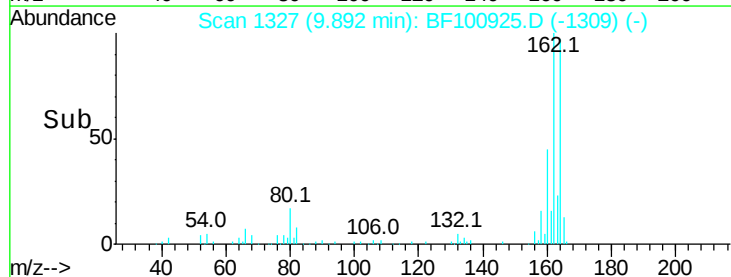
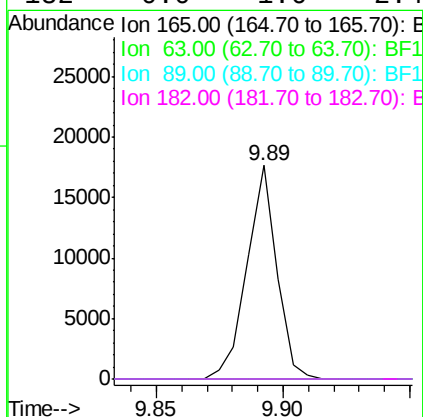
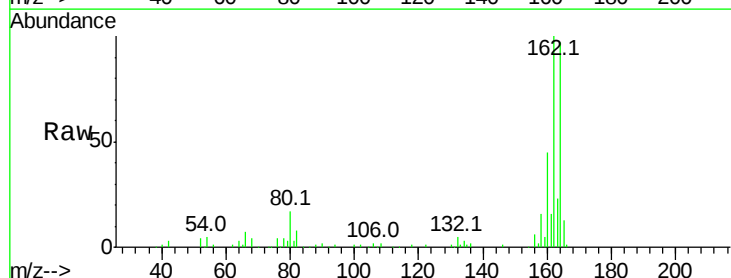
Instrument :
 BNA_F
 ClientSampleId :

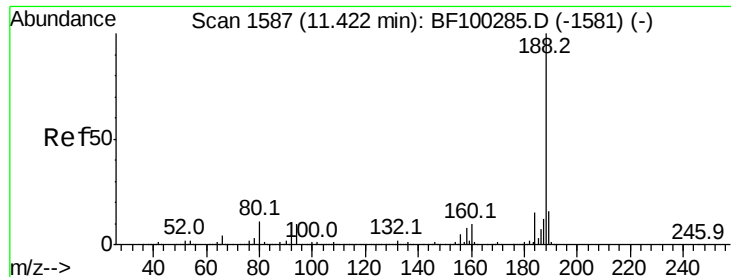
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.673 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF100925.D
 Acq: 28 Nov 2017 11:21

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#

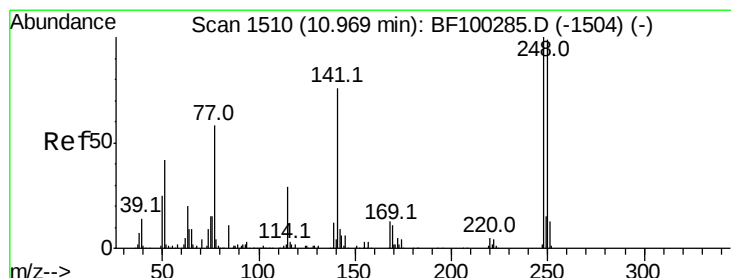
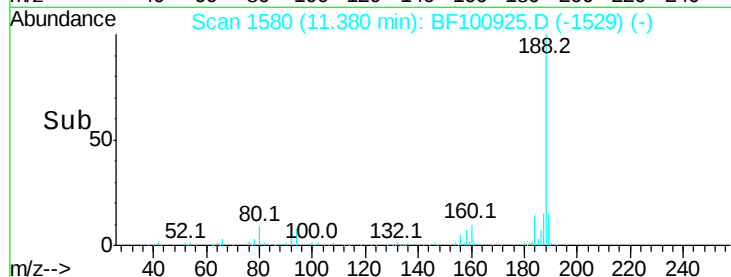
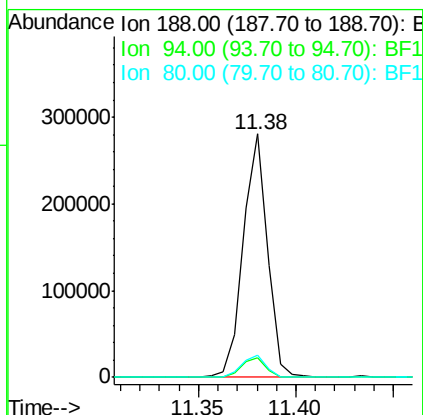
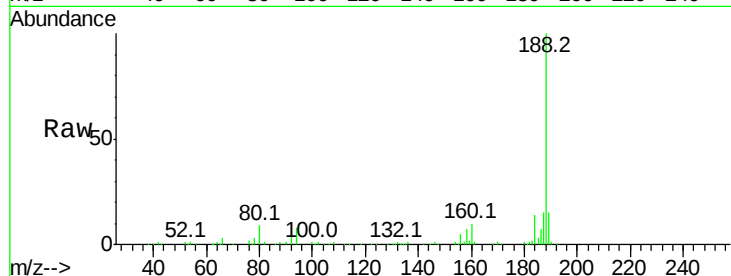




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF100925.D
Acq: 28 Nov 2017 11:21

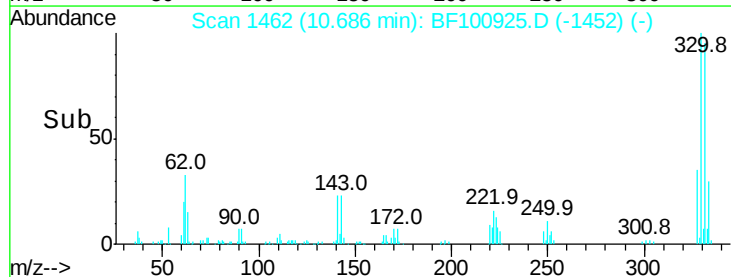
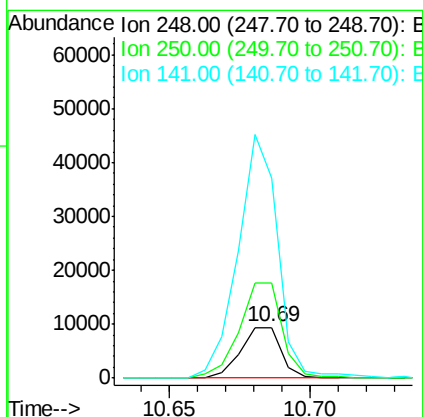
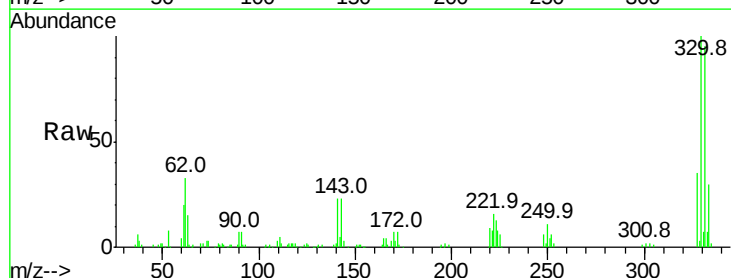
Instrument :
BNA_F
ClientSampleId :

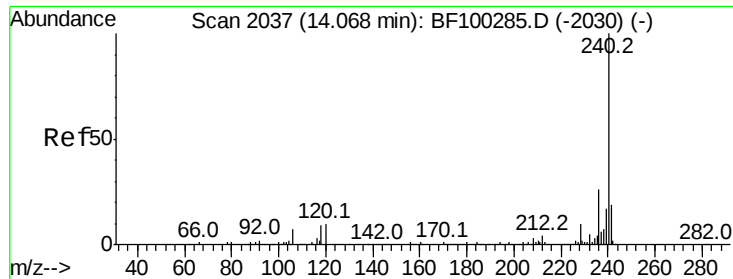
Tot Ion:188 Resp: 242100
Ion Ratio Lower Upper
188 100
94 8.1 8.5 12.7#
80 9.0 9.2 13.8#



#66
4-Bromophenyl-phenylether
Concen: 3.620 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.24 min
Lab File: BF100925.D
Acq: 28 Nov 2017 11:21

Tgt Ion:248 Resp: 9394
Ion Ratio Lower Upper
248 100
250 188.2 76.9 115.3#
141 394.9 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF100925.D

Acq: 28 Nov 2017 11:21

Instrument :

BNA_F

ClientSampleId :

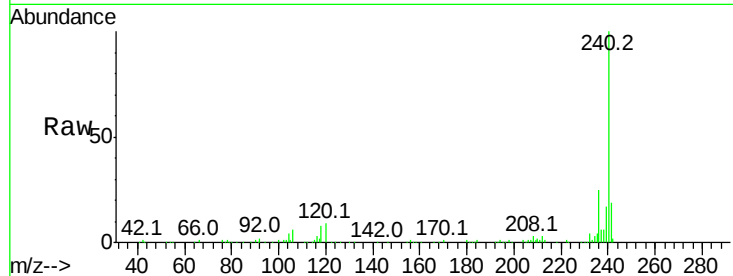
Tot Ion:240 Resp: 209377

Ion Ratio Lower Upper

240 100

120 9.5 9.5 14.3#

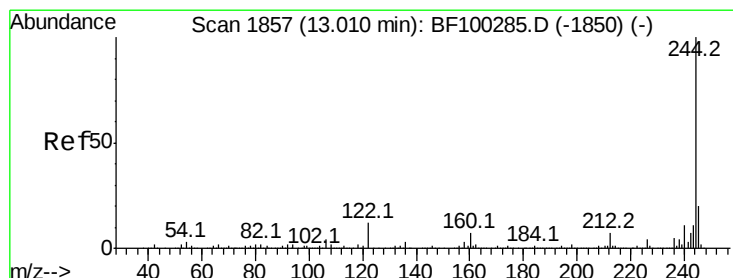
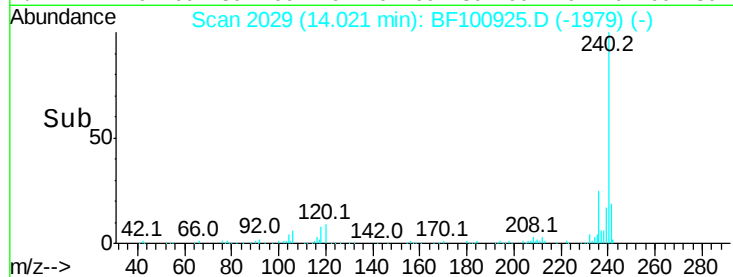
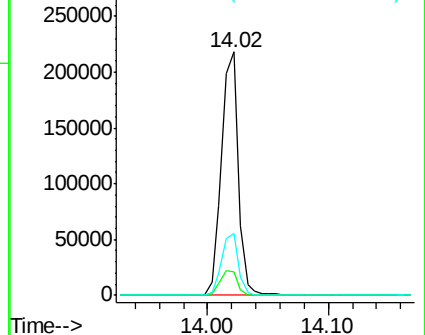
236 25.4 20.7 31.1



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: 81.956 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BF100925.D

Acq: 28 Nov 2017 11:21

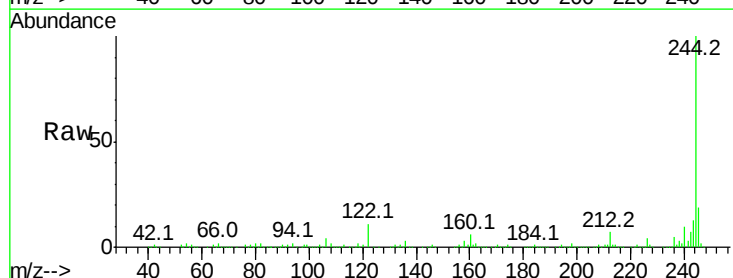
Tgt Ion:244 Resp: 746816

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

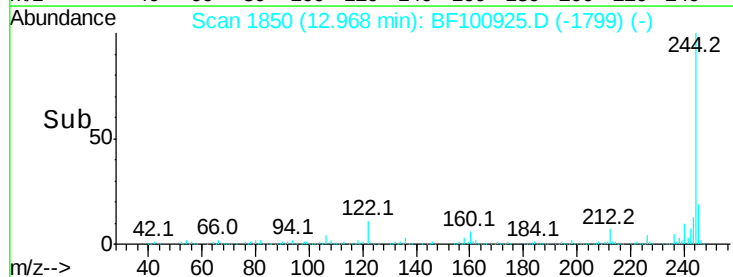
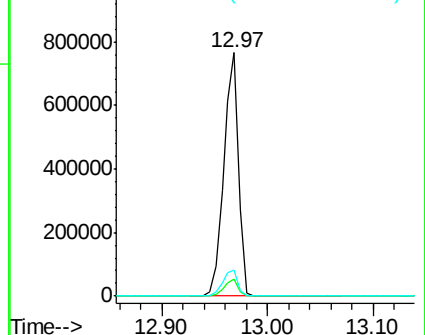
122 10.7 11.0 16.4#

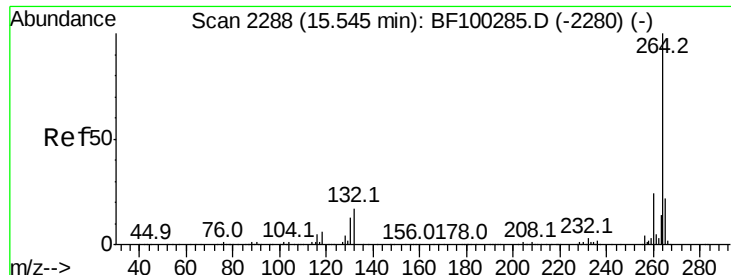


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

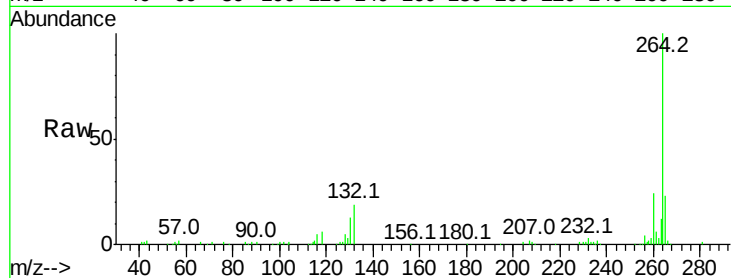




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BF100925.D
 Acq: 28 Nov 2017 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	148095
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.8	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

