

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
 Data File : BF098923.D
 Acq On : 28 Sep 2017 22:56
 Operator : SJ/JU
 Sample : I5475-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 29 00:46:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

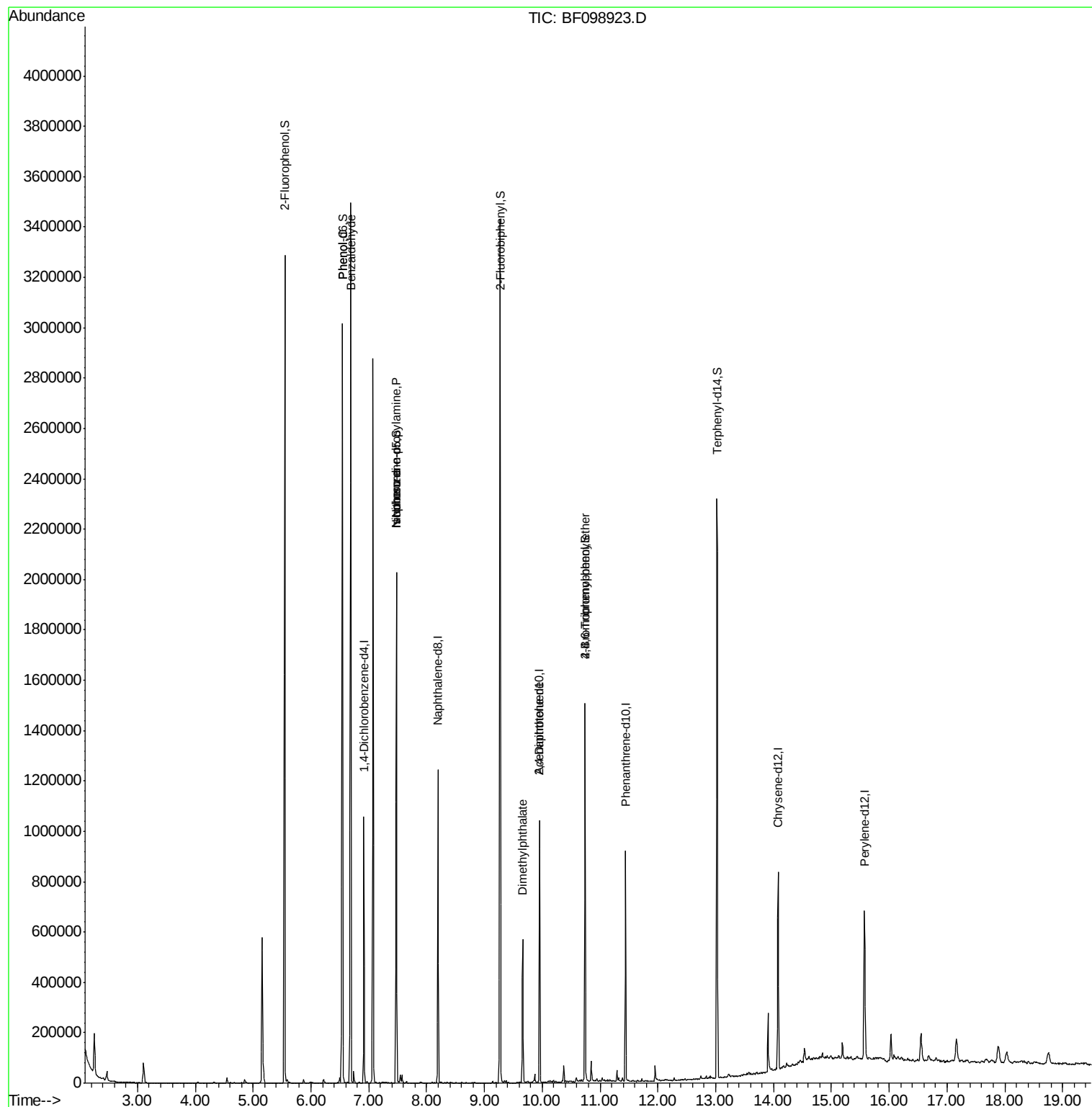
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	136061	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	525153	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	204203	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	291435	20.00	ng	0.00
75) Chrysene-d12	14.08	240	233293	20.00	ng	0.00
86) Perylene-d12	15.57	264	237537	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1005792	117.68	ng	0.00
7) Phenol-d6	6.55	99	1186524	112.53	ng	0.00
23) Nitrobenzene-d5	7.48	82	719882	87.91	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	167753	100.39	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1122612	91.78	ng	0.00
78) Terphenyl-d14	13.02	244	716606	69.86	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.69	77	22208	3.63	ng	Qvalue 82
10) Phenol	6.55	94	35865	3.04	ng	# 59
19) n-Nitroso-di-n-propylamine	7.48	70	95376	14.17	ng	# 75
25) Isophorone	7.48	82	716860	42.34	ng	# 64
49) Dimethylphthalate	9.66	163	211743	13.74	ng	99
56) 2,4-Dinitrotoluene	9.95	165	26216	6.02	ng	# 22
66) 4-Bromophenyl-phenylether	10.74	248	12032	4.22	ng	# 1

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

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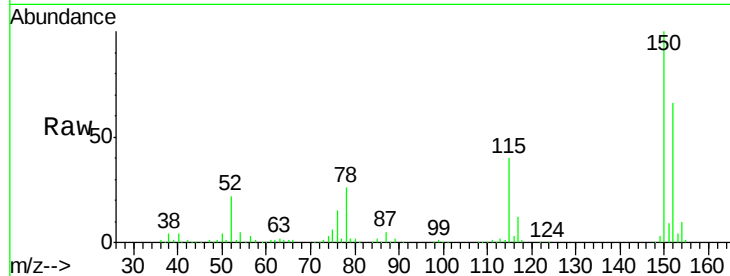


#1

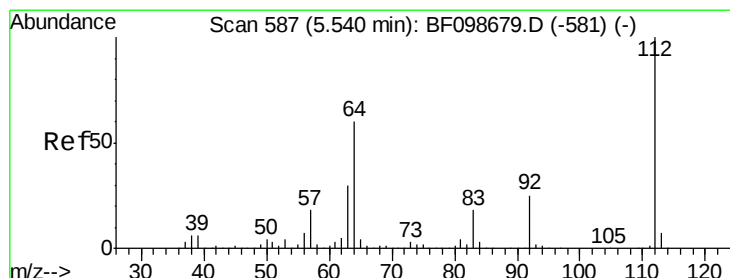
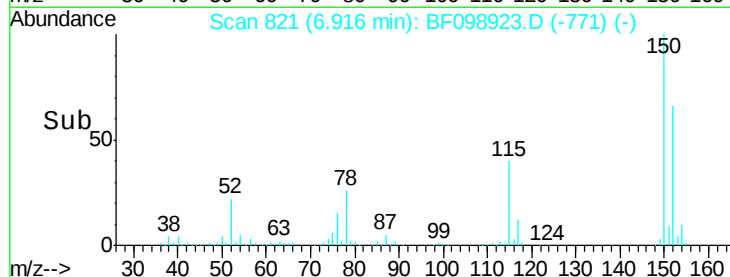
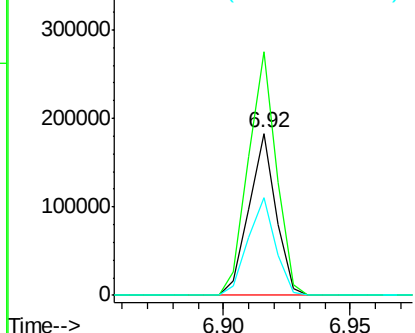
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF098923.D
 Acq: 28 Sep 2017 22:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 136061
 Ion Ratio Lower Upper
 152 100
 150 150.4 124.6 186.8
 115 60.5 50.1 75.1



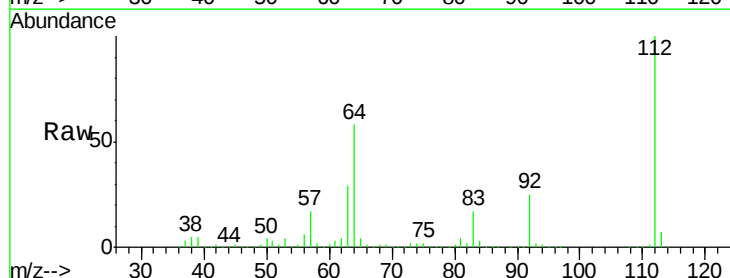
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



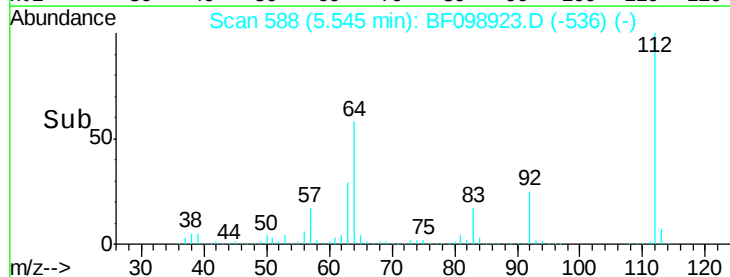
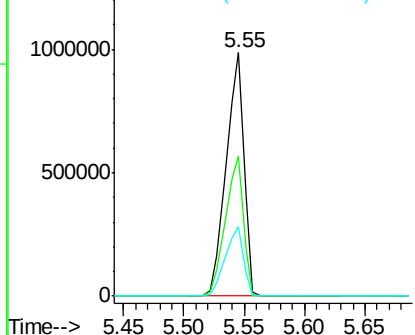
#5

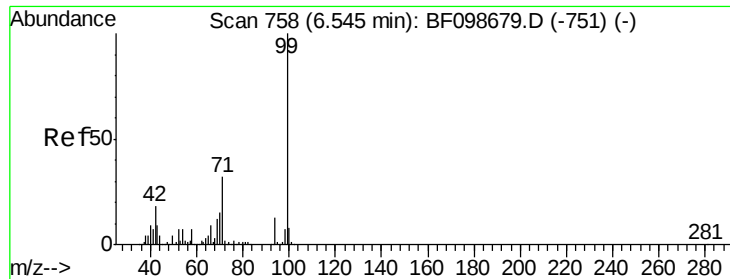
2-Fluorophenol
 Concen: 117.68 ng
 RT: 5.55 min Scan# 588
 Delta R.T. 0.01 min
 Lab File: BF098923.D
 Acq: 28 Sep 2017 22:56

Tgt Ion:112 Resp: 1005792
 Ion Ratio Lower Upper
 112 100
 64 57.6 47.9 71.9
 63 28.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.53 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098923.D

Acq: 28 Sep 2017 22:56

Instrument :

BNA_F

ClientSampled :

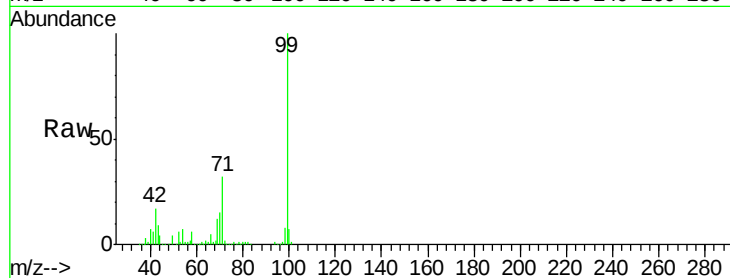
Tot Ion: 99 Resp: 1186524

Ion Ratio Lower Upper

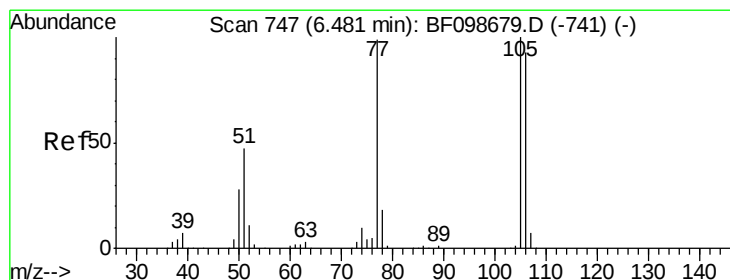
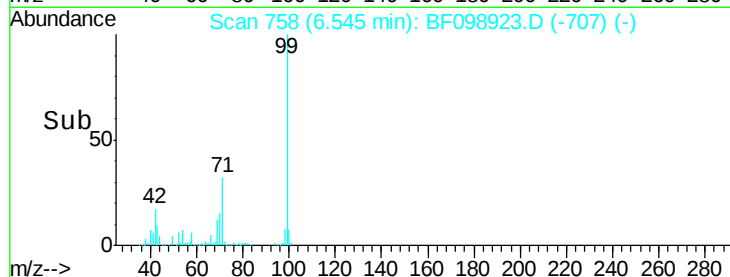
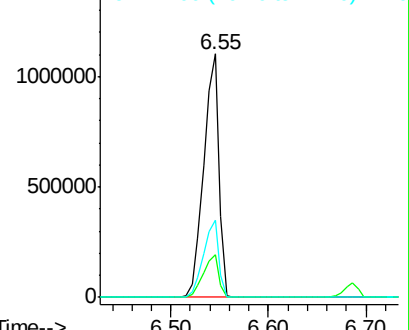
99 100

42 17.3 14.5 21.7

71 31.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 3.63 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.21 min

Lab File: BF098923.D

Acq: 28 Sep 2017 22:56

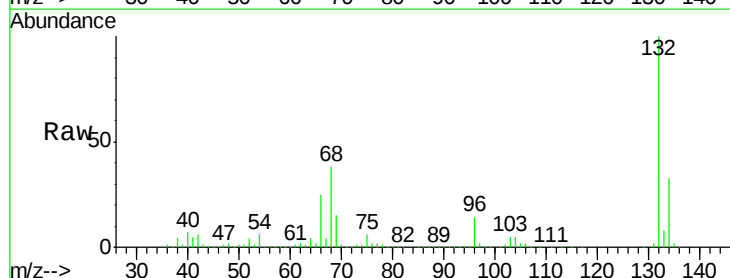
Tgt Ion: 77 Resp: 22208

Ion Ratio Lower Upper

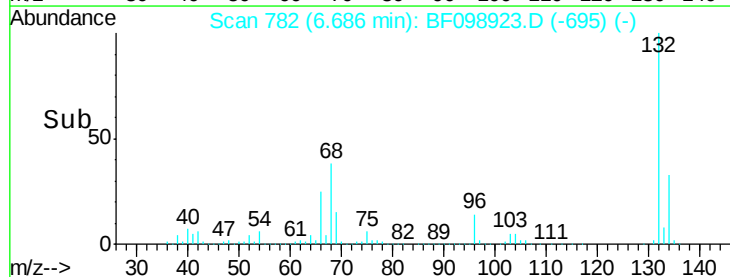
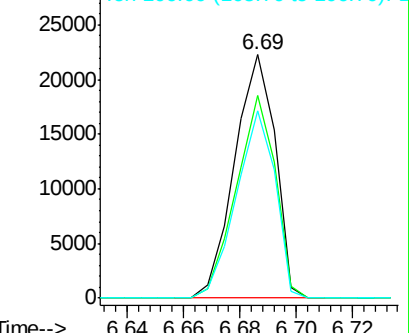
77 100

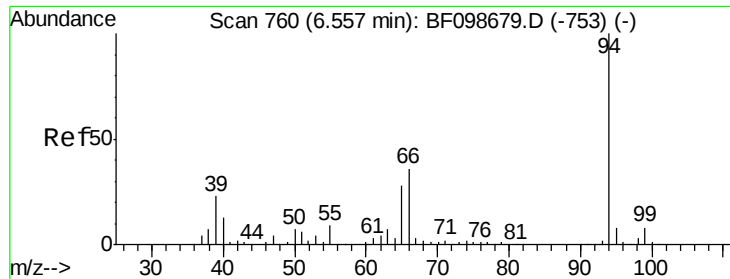
105 83.1 81.1 121.1

106 76.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#10

Phenol

Concen: 3.04 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF098923.D

Acq: 28 Sep 2017 22:56

Instrument :

BNA_F

ClientSampleId :

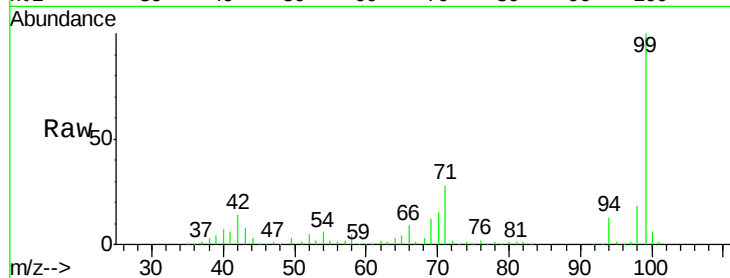
Tot Ion: 94 Resp: 35865

Ion Ratio Lower Upper

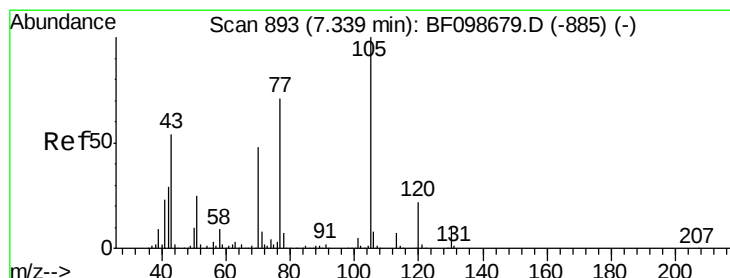
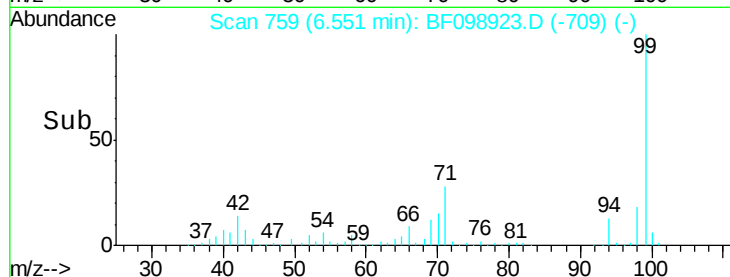
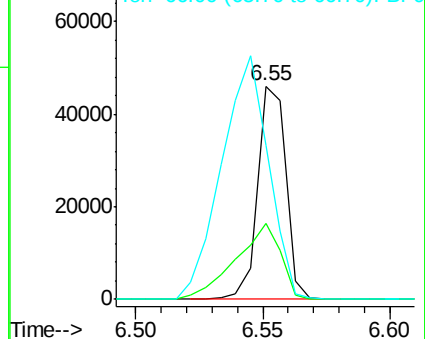
94 100

65 35.4 7.9 47.9

66 72.0 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 14.17 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.15 min

Lab File: BF098923.D

Acq: 28 Sep 2017 22:56

Tgt Ion: 70 Resp: 95376

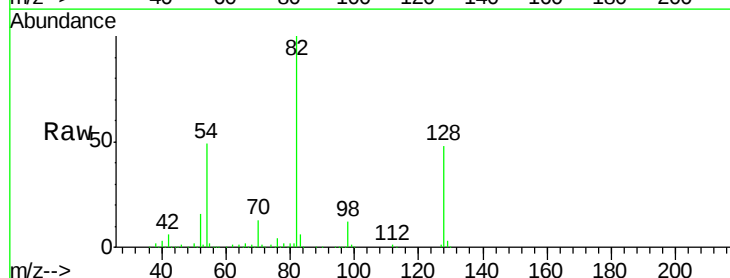
Ion Ratio Lower Upper

70 100

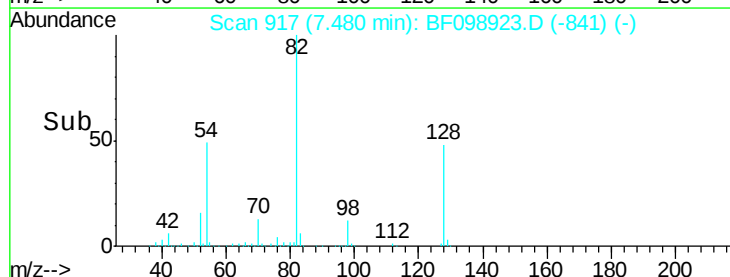
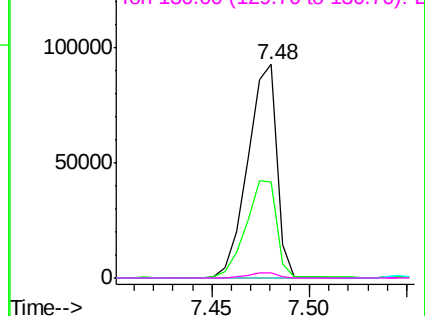
42 44.8 47.5 71.3#

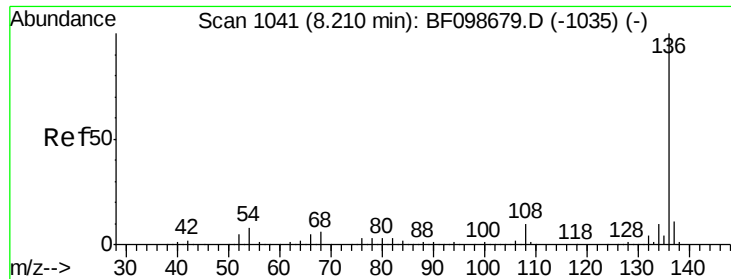
101 0.0 7.4 11.2#

130 2.5 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0

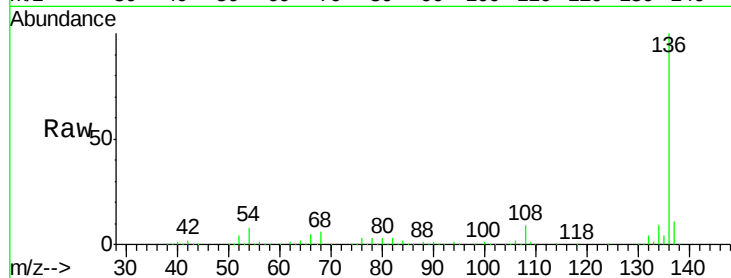




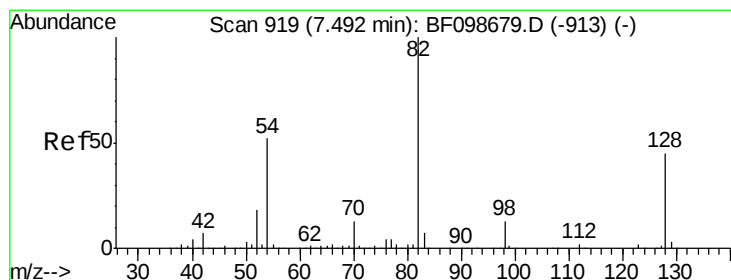
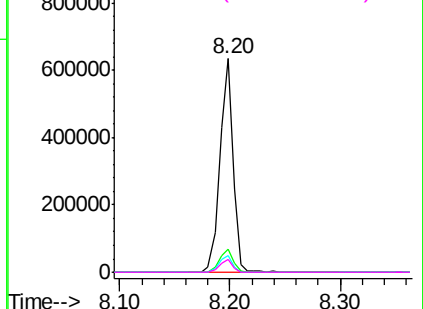
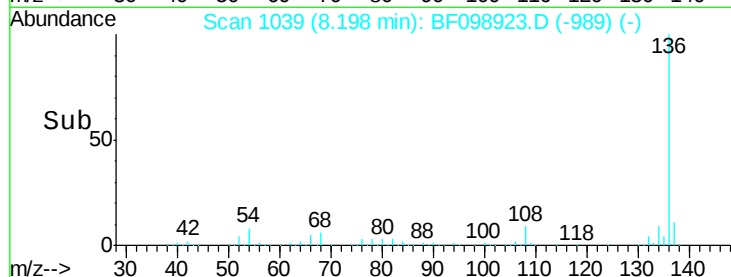
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098923.D
Acq: 28 Sep 2017 22:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	525153
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	7.8	6.6 9.8
68	5.8	5.0 7.4

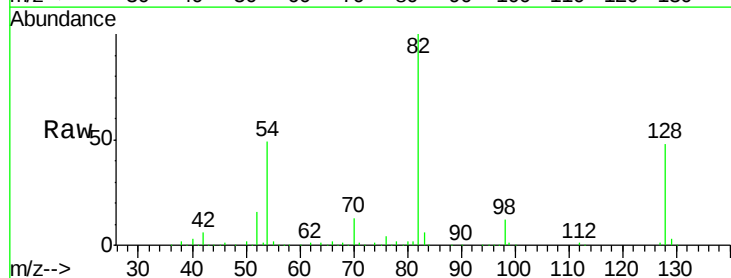


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

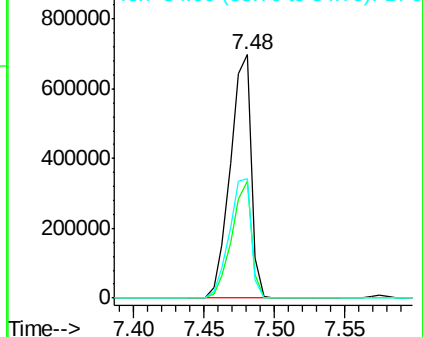
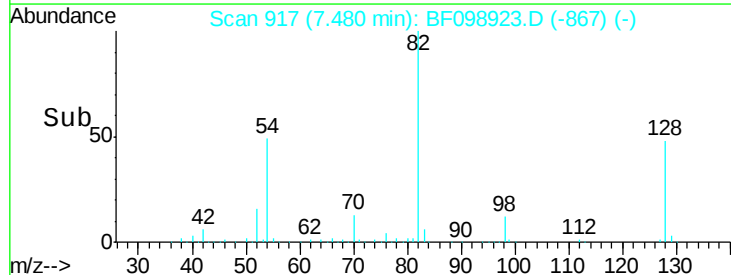


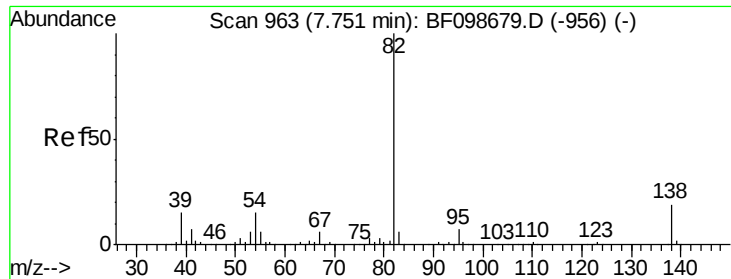
#23
Nitrobenzene-d5
Concen: 87.91 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098923.D
Acq: 28 Sep 2017 22:56

Tgt Ion: 82	Resp:	719882
Ion Ratio	Lower	Upper
82	100	
128	47.9	36.1 54.1
54	49.2	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

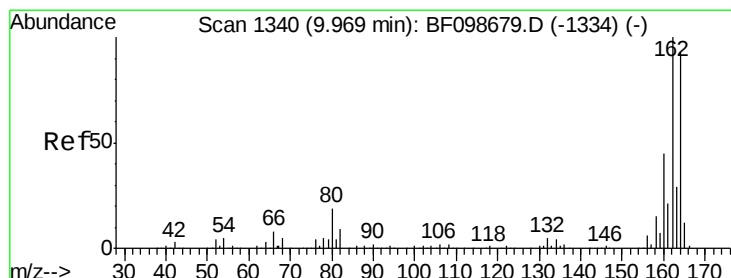
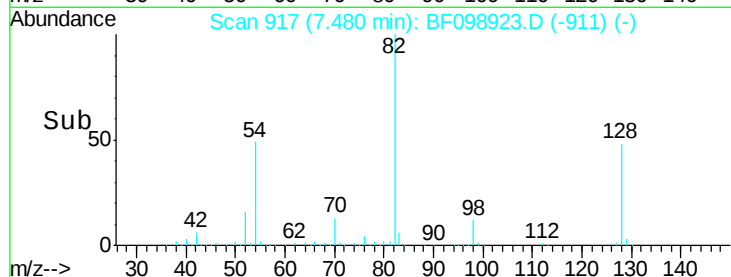
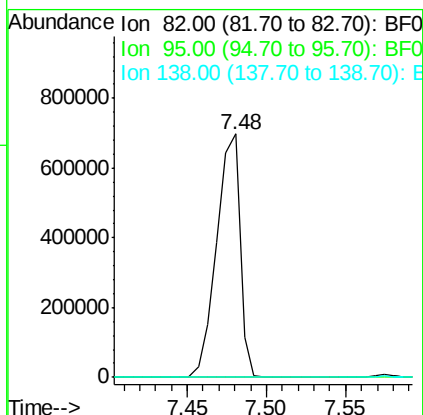
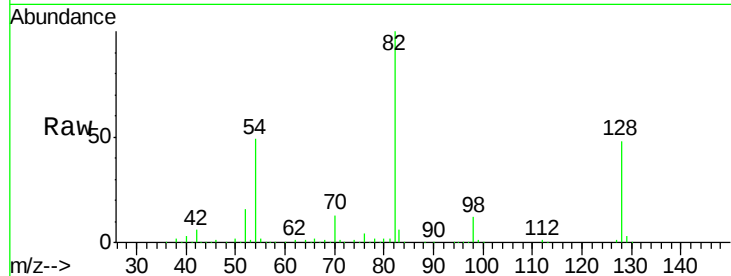




#25
Isophorone
Concen: 42.34 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.27 min
Lab File: BF098923.D
Acq: 28 Sep 2017 22:56

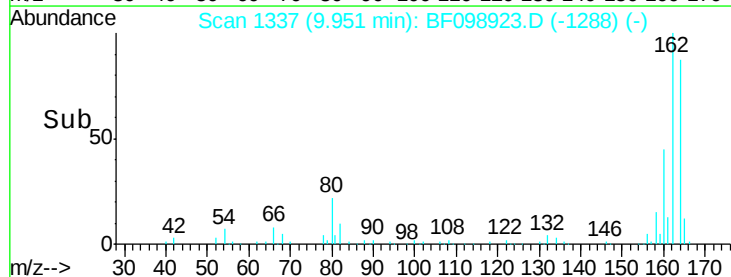
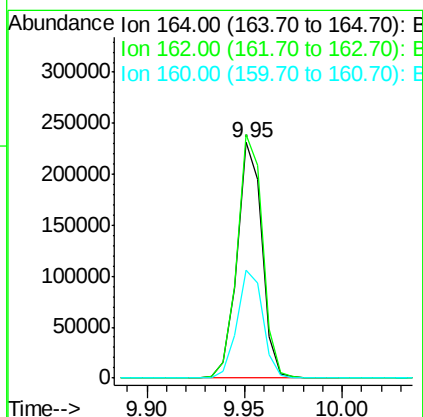
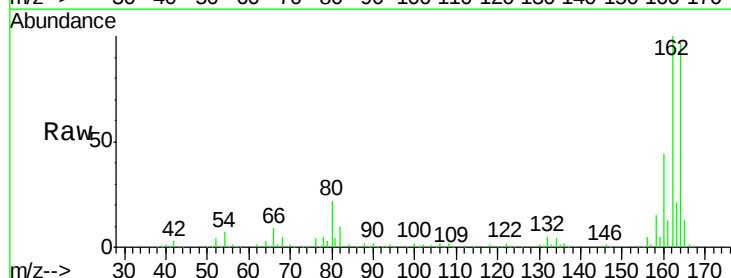
Instrument :
BNA_F
ClientSampled :

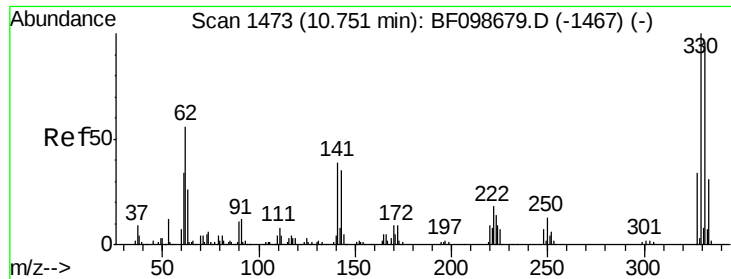
Tot Ion: 82 Resp: 716860
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098923.D
Acq: 28 Sep 2017 22:56

Tgt Ion: 164 Resp: 204203
Ion Ratio Lower Upper
164 100
162 103.3 86.1 129.1
160 45.7 38.3 57.5

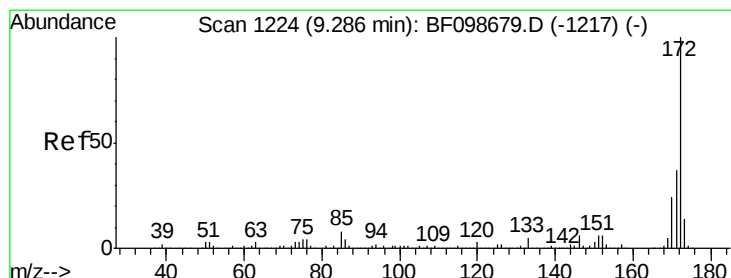
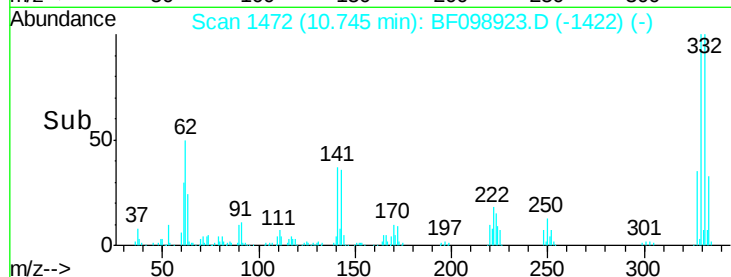
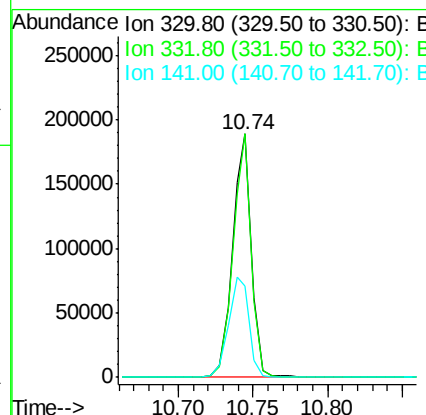
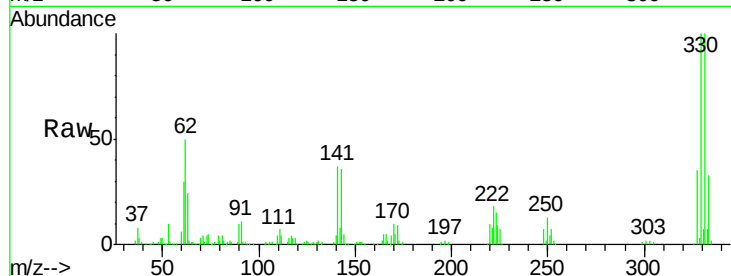




#41
 2,4,6-Tribromophenol
 Concen: 100.39 ng
 RT: 10.74 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098923.D
 Acq: 28 Sep 2017 22:56

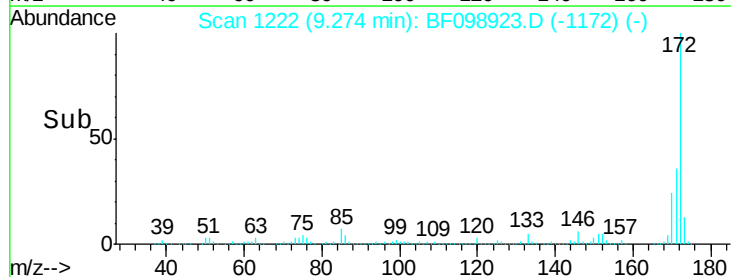
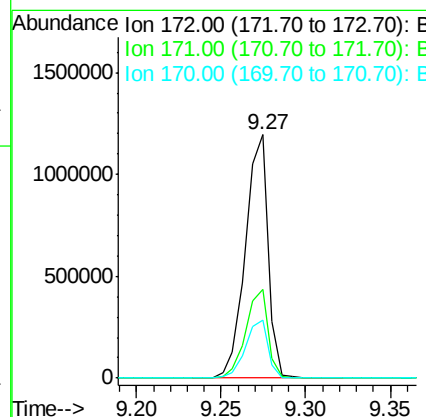
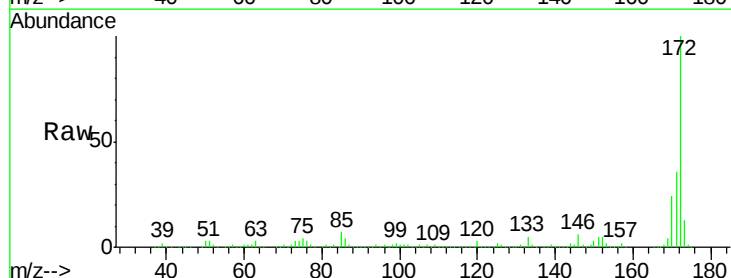
Instrument :
 BNA_F
 ClientSampleId :

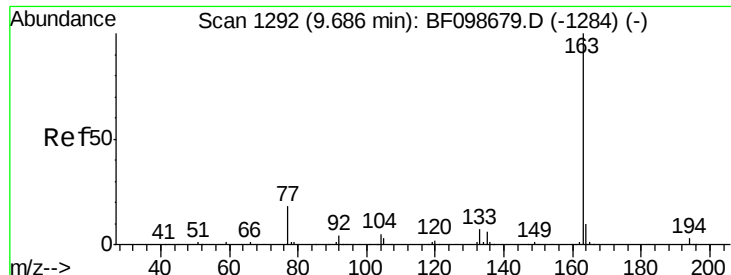
Tot Ion	330	Resp	167753
Ion Ratio	100	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	45.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 91.78 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098923.D
 Acq: 28 Sep 2017 22:56

Tgt Ion	172	Resp	1122612
Ion Ratio	100	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.1	19.6	29.4

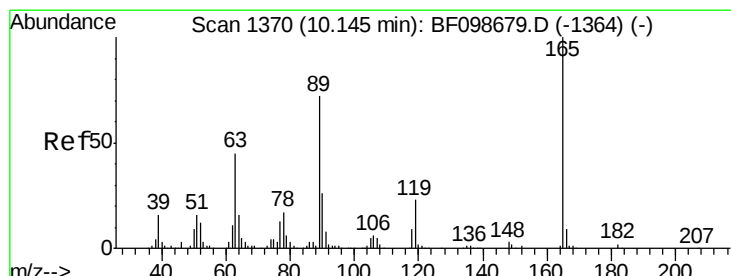
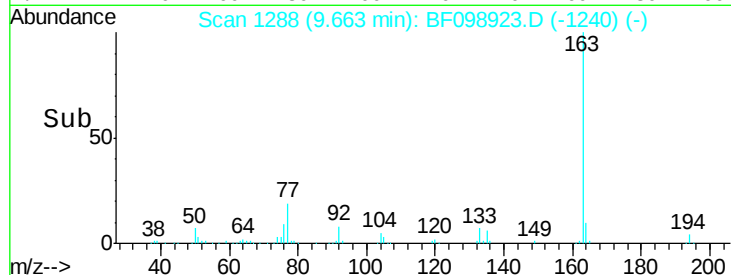
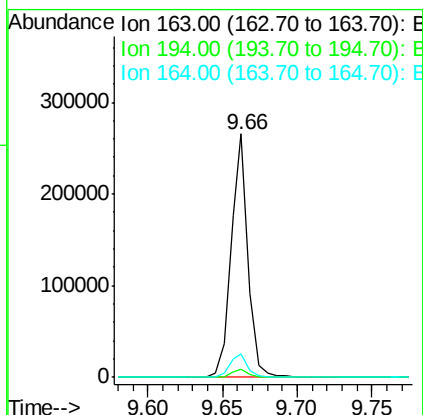
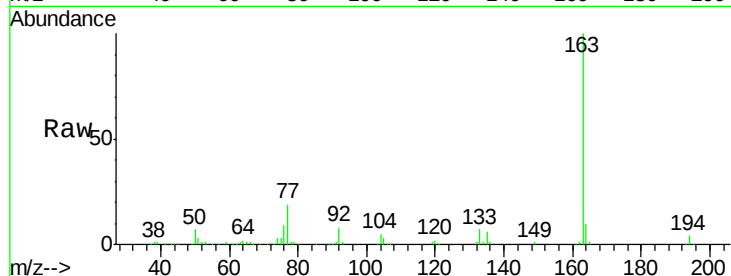




#49
Dimethylphthalate
Concen: 13.74 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098923.D
Acq: 28 Sep 2017 22:56

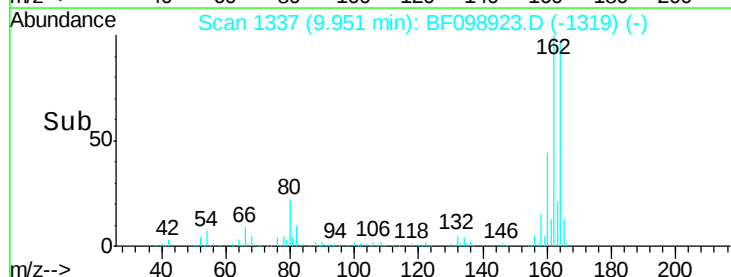
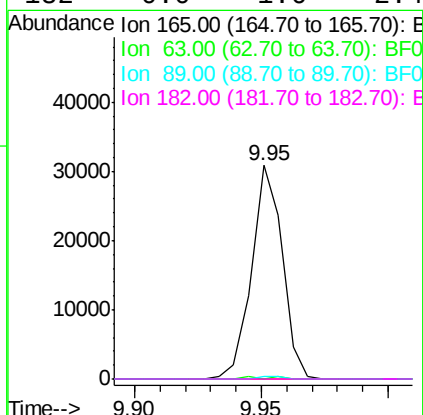
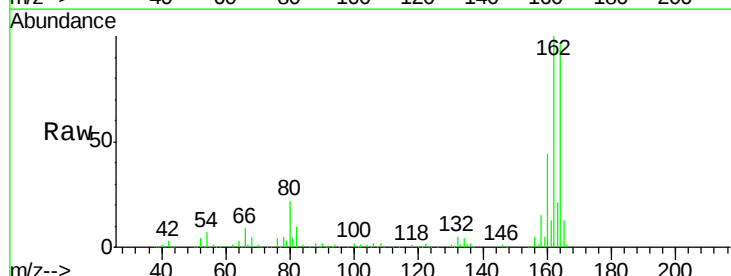
Instrument :
BNA_F
ClientSampleId :

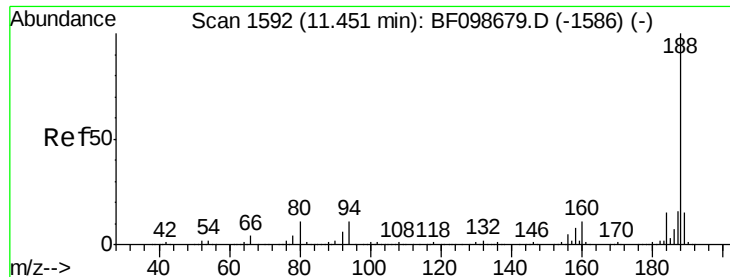
Tot Ion:163 Resp: 211743
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.8 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 6.02 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.19 min
Lab File: BF098923.D
Acq: 28 Sep 2017 22:56

Tgt Ion:165 Resp: 26216
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 1.4 57.8 86.6#
182 0.0 1.6 2.4#

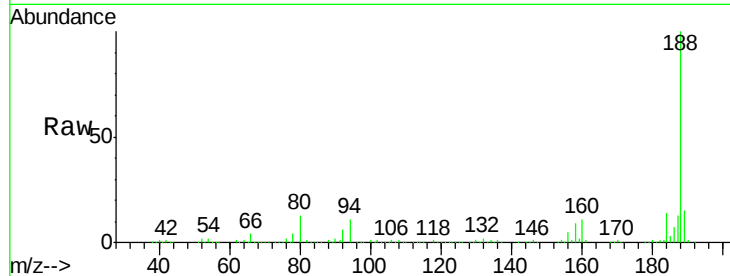




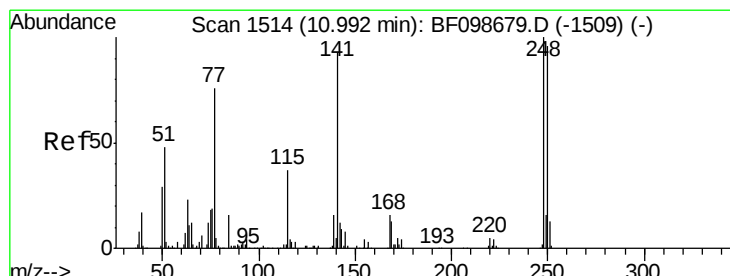
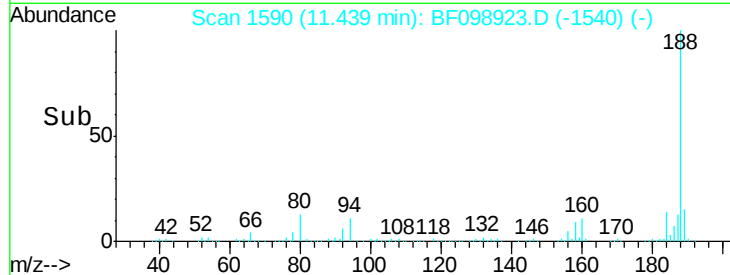
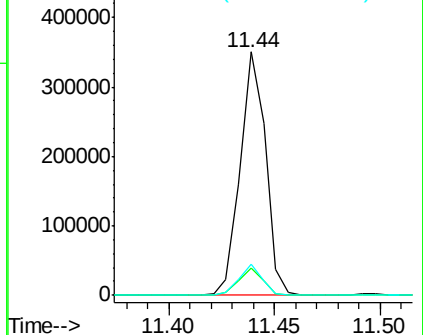
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098923.D
Acq: 28 Sep 2017 22:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	12.6	9.2	13.8

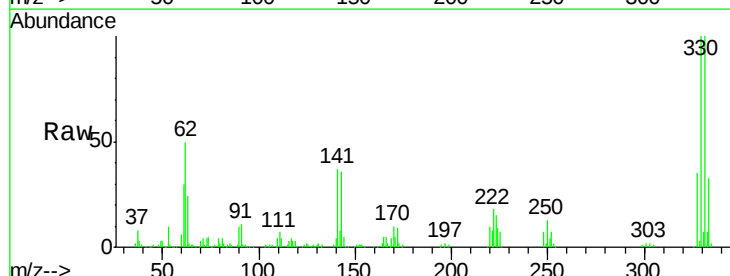


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

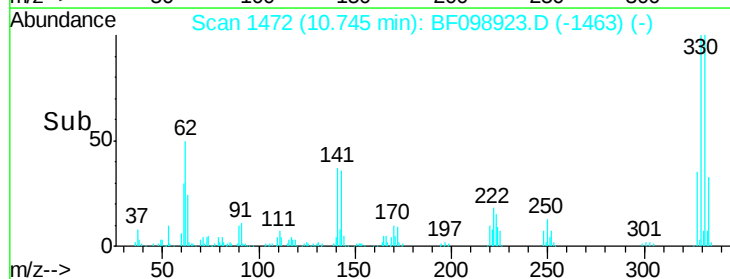
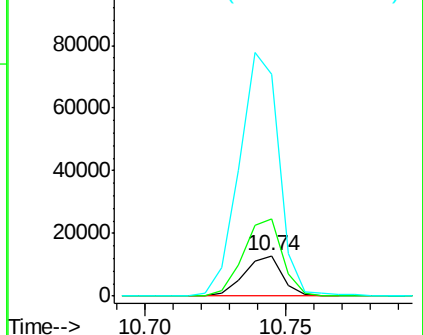


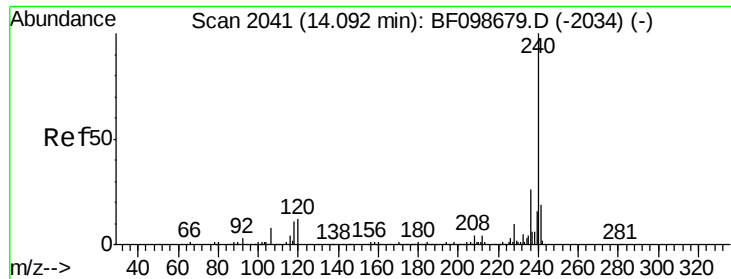
#66
4-Bromophenyl-phenylether
Concen: 4.22 ng
RT: 10.74 min Scan# 1472
Delta R.T. -0.25 min
Lab File: BF098923.D
Acq: 28 Sep 2017 22:56

Tgt Ion	Ratio	Lower	Upper
248	100		
250	193.8	76.9	115.3#
141	552.5	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: 20.00 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098923.D

Acq: 28 Sep 2017 22:56

Instrument :

BNA_F

ClientSampleId :

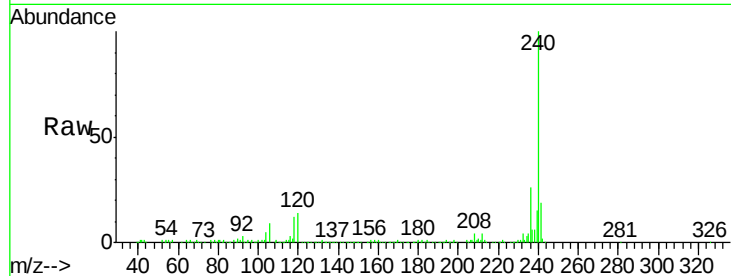
Tot Ion:240 Resp: 233293

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

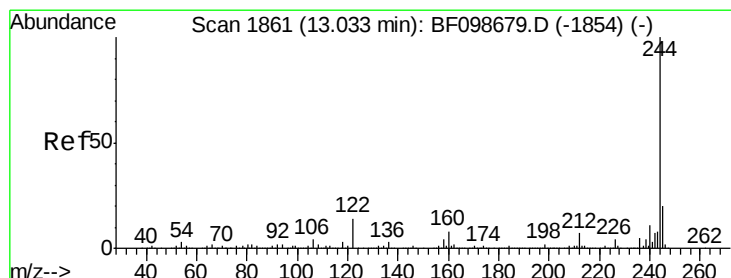
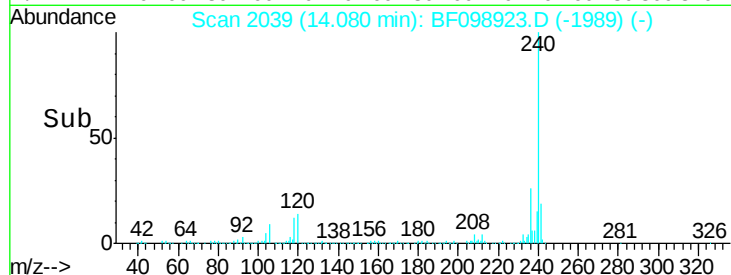
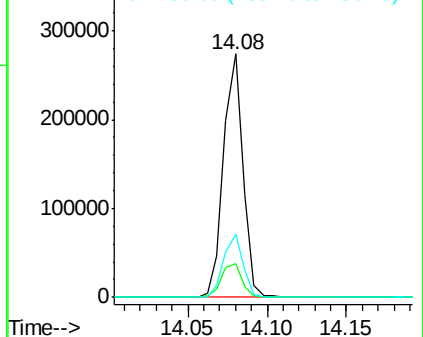
236 25.7 20.7 31.1



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: 69.86 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098923.D

Acq: 28 Sep 2017 22:56

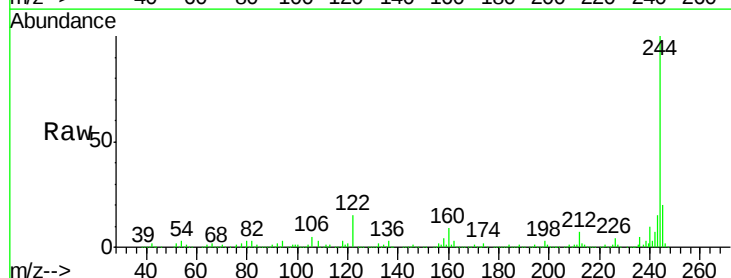
Tgt Ion:244 Resp: 716606

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

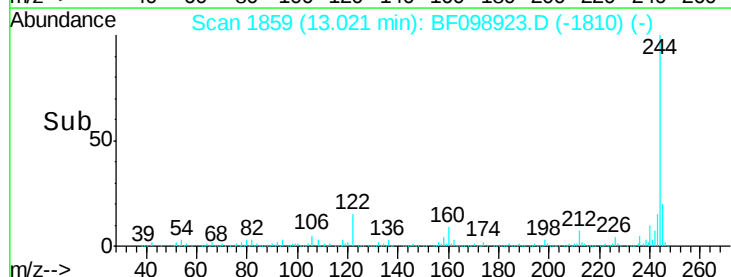
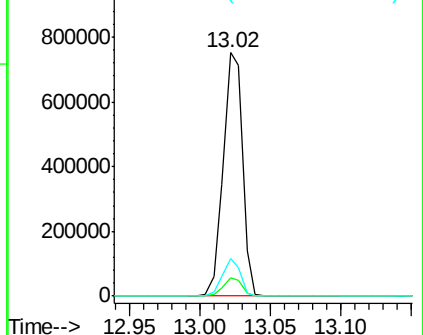
122 15.4 11.0 16.4

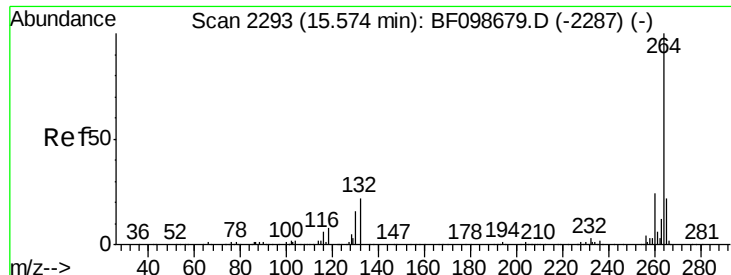


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

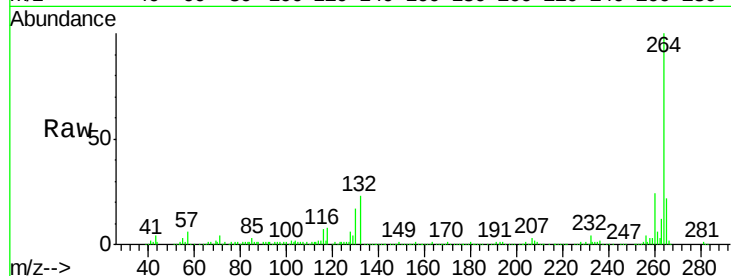




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF098923.D
Acq: 28 Sep 2017 22:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.3	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

