

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
 Data File : BF099234.D
 Acq On : 8 Oct 2017 16:07
 Operator : SJ/JU
 Sample : I5715-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 01:11:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	134681	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	561861	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	261609	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	471904	20.00	ng	0.00
75) Chrysene-d12	14.03	240	372310	20.00	ng	0.00
86) Perylene-d12	15.50	264	274495	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1063538	125.71	ng	0.03
7) Phenol-d6	6.50	99	1198252	114.81	ng	0.00
23) Nitrobenzene-d5	7.43	82	864019	98.62	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	317718	148.42	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1536474	98.05	ng	0.00
78) Terphenyl-d14	12.98	244	1417961	86.61	ng	0.00

Target Compounds

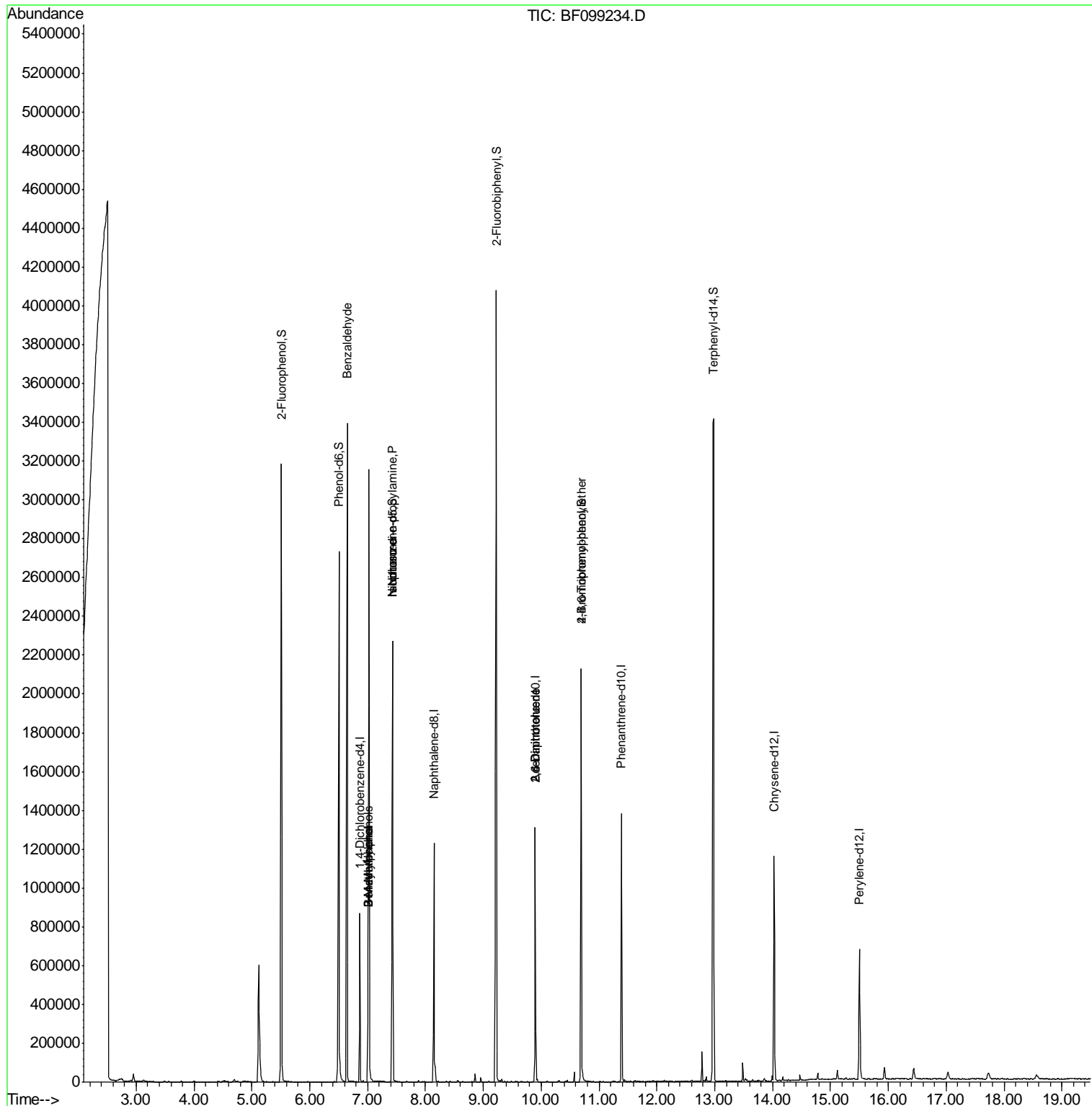
						Qvalue
9) Benzaldehyde	6.65	77	22281	3.68	ng	86
15) Benzyl Alcohol	7.00	79	79728	10.41	ng	96
17) 2-Methylphenol	7.00	107	39631	5.06	ng	# 15
19) n-Nitroso-di-n-propylamine	7.43	70	112085	16.82	ng	# 74
20) 3+4-Methylphenols	7.00	107	39631	4.00	ng	# 1
25) Isophorone	7.43	82	864005	47.70	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	32446	7.55	ng	# 25
56) 2,4-Dinitrotoluene	9.90	165	32446	5.82	ng	# 23
66) 4-Bromophenyl-phenylether	10.70	248	20675	4.48	ng	# 1

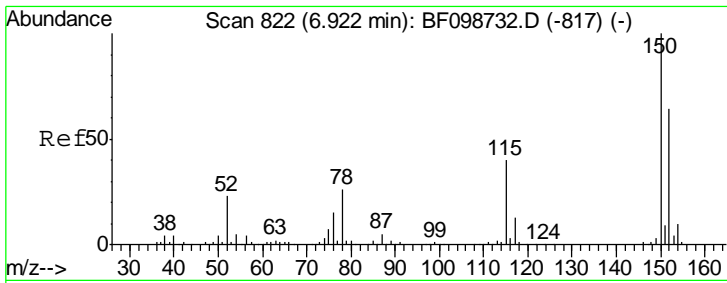
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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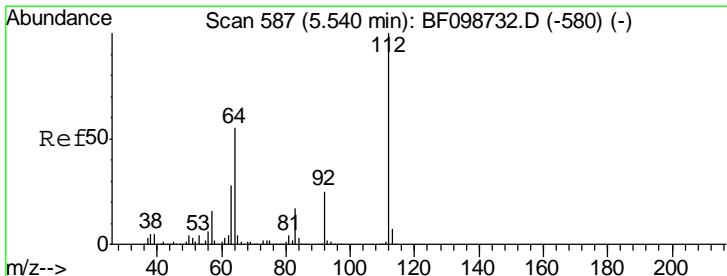
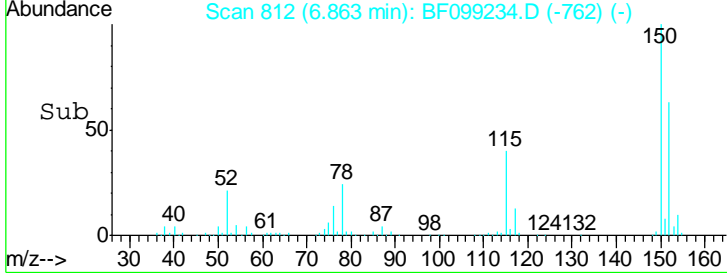
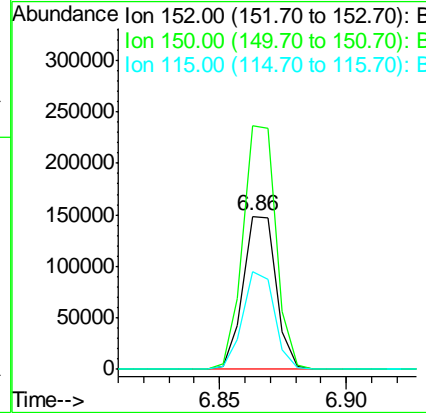
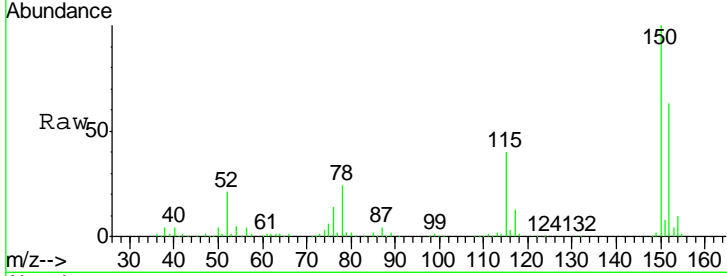




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099234.D
 Acq: 8 Oct 2017 16:07

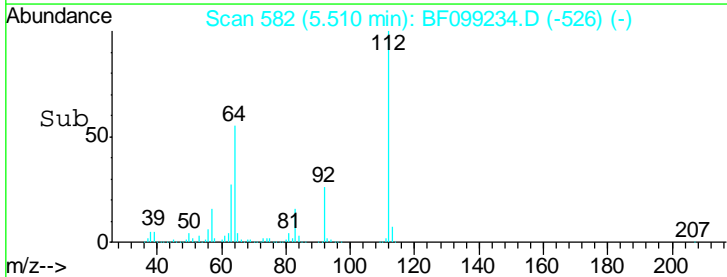
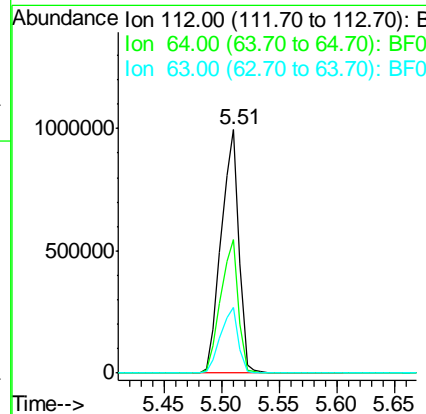
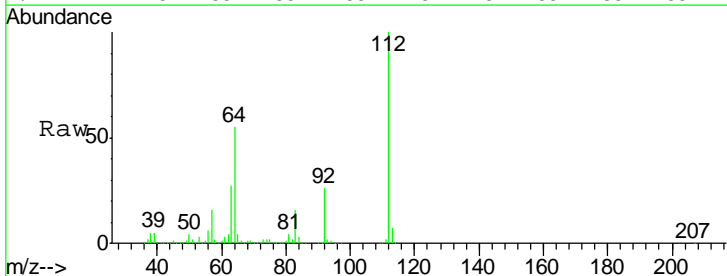
Instrument :
 BNA_F
 ClientSampled :

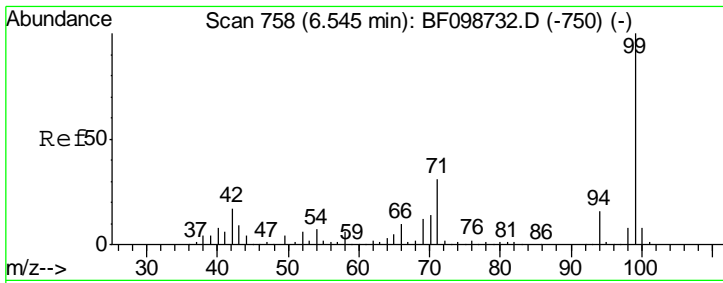
Tgt Ion	Resp	Lower	Upper
152	134681		
150	159.0	124.6	186.8
115	63.5	50.1	75.1



#5
 2-Fluorophenol
 Concen: 125.71 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.03 min
 Lab File: BF099234.D
 Acq: 8 Oct 2017 16:07

Tgt Ion	Resp	Lower	Upper
112	1063538		
64	54.7	47.9	71.9
63	26.8	23.7	35.5



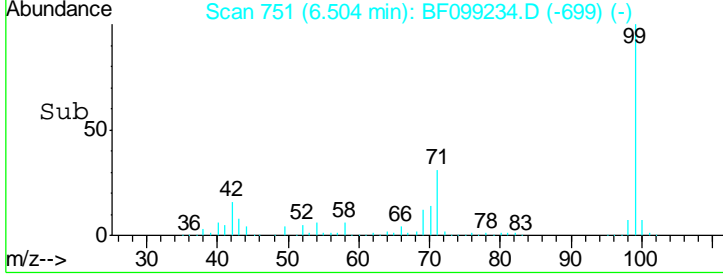
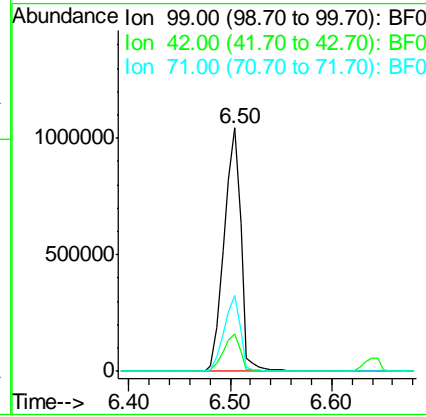
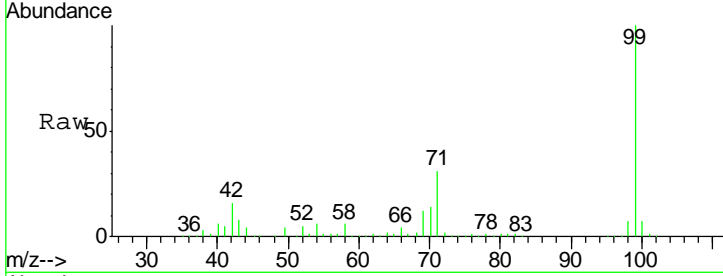


#7
 Phenol-d6
 Concen: 114.81 ng
 RT: 6.50 min Scan# 751
 Delta R.T. 0.01 min
 Lab File: BF099234.D
 Acq: 8 Oct 2017 16:07

Instrument :
 BNA_F
ClientSampled :

Tgt Ion: 99 Resp: 1198252

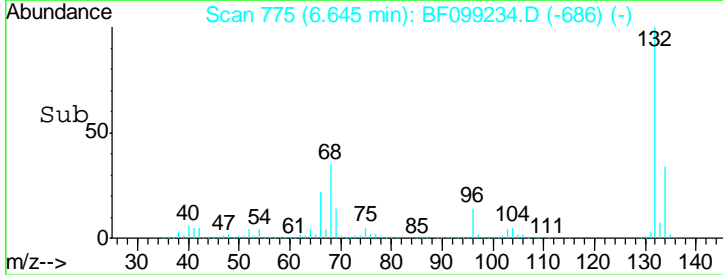
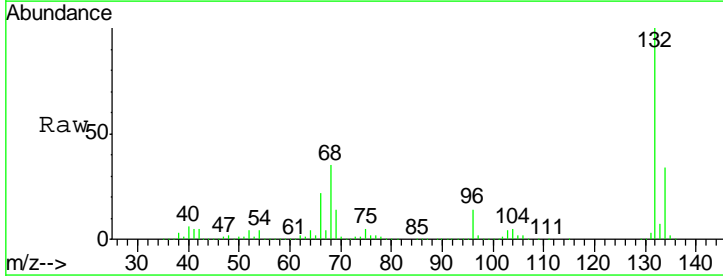
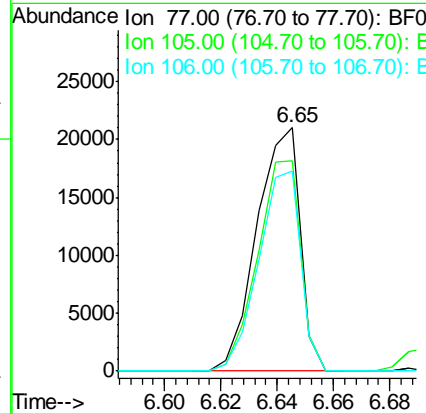
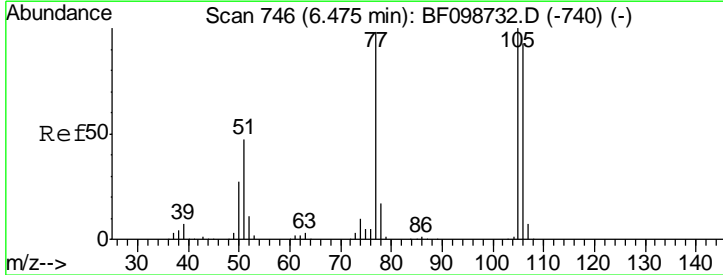
Ion	Ratio	Lower	Upper
99	100		
42	15.6	14.5	21.7
71	31.1	25.4	38.0

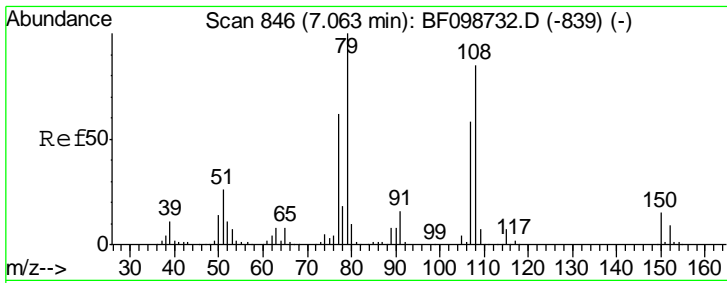


#9
 Benzaldehyde
 Concen: 3.68 ng
 RT: 6.65 min Scan# 775
 Delta R.T. 0.22 min
 Lab File: BF099234.D
 Acq: 8 Oct 2017 16:07

Tgt Ion: 77 Resp: 22281

Ion	Ratio	Lower	Upper
77	100		
105	86.6	81.1	121.1
106	82.0	74.5	114.5

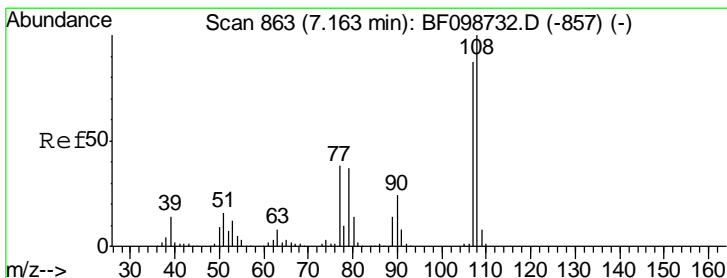
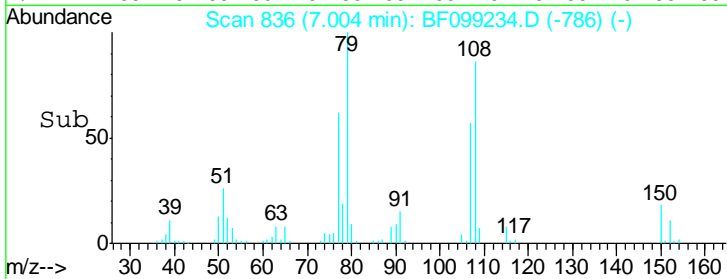
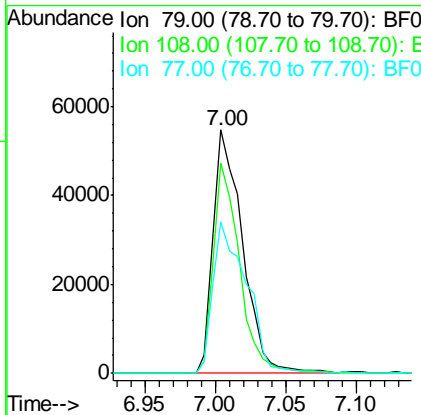
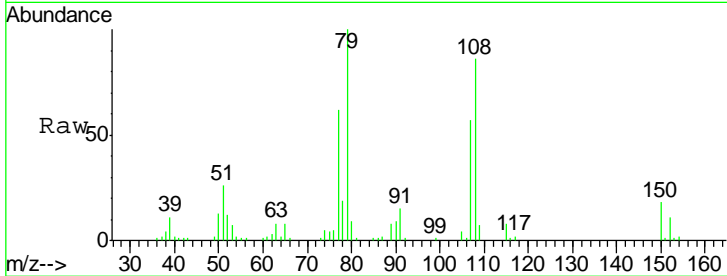




#15
 Benzyl Alcohol
 Concen: 10.41 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BF099234.D
 Acq: 8 Oct 2017 16:07

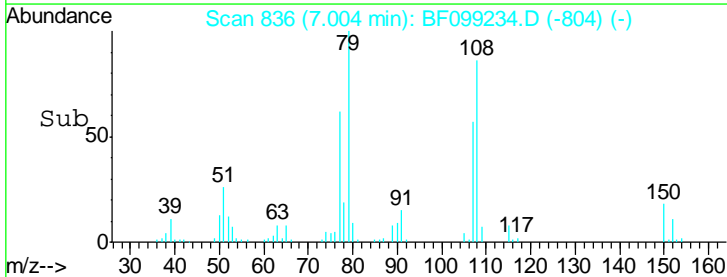
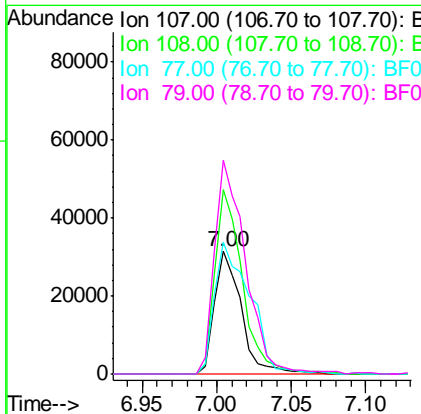
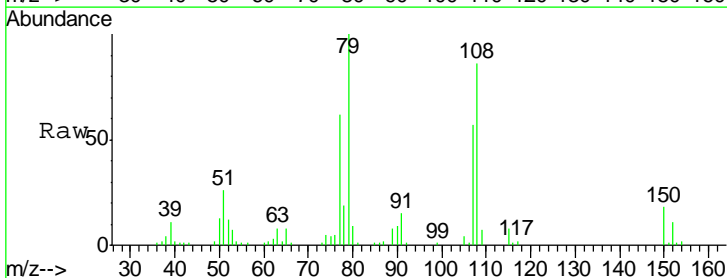
Instrument :
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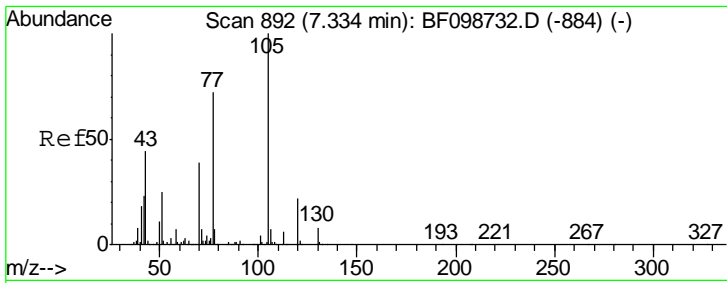
Tgt Ion	Resp	Lower	Upper
79	100		
108	86.5	65.1	97.7
77	62.0	50.6	75.8



#17
 2-Methylphenol
 Concen: 5.06 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.11 min
 Lab File: BF099234.D
 Acq: 8 Oct 2017 16:07

Tgt Ion	Resp	Lower	Upper
107	100		
108	150.6	91.7	137.5#
77	108.0	33.8	50.8#
79	174.2	33.8	50.8#

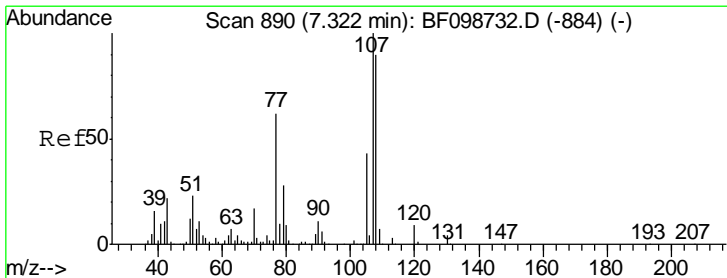
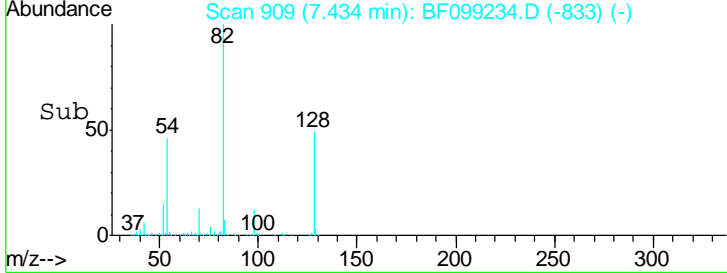
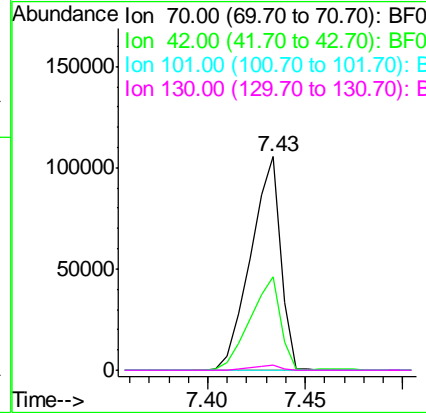
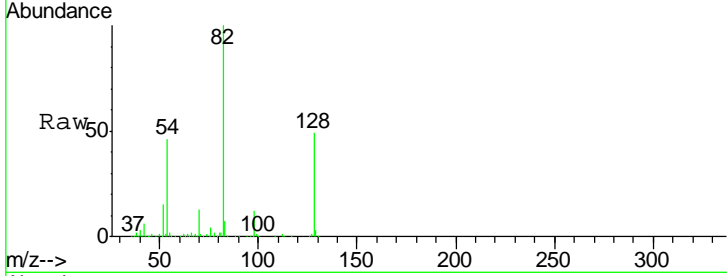




#19
 n-Nitroso-di-n-propylamine
 Concen: 16.82 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.15 min
 Lab File: BF099234.D
 Acq: 8 Oct 2017 16:07

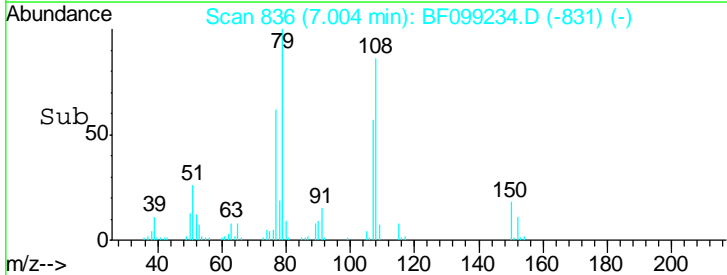
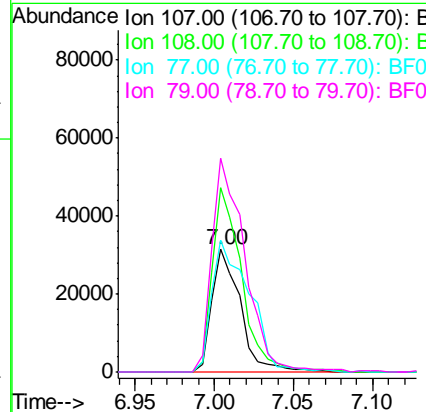
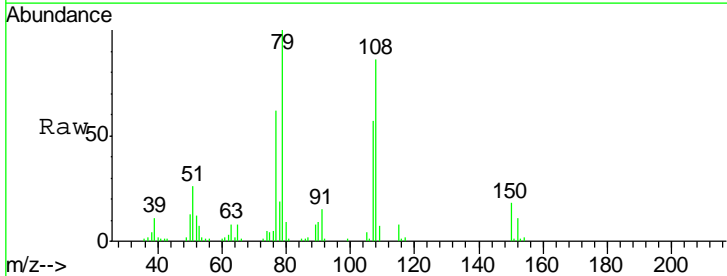
Instrument :
 BNA_F
 ClientSampled :

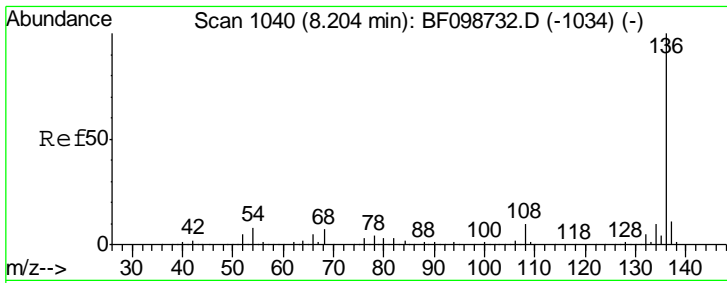
Tgt Ion	Resp	Lower	Upper
70	112085		
70	100		
42	43.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



#20
 3+4-Methylphenols
 Concen: 4.00 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.27 min
 Lab File: BF099234.D
 Acq: 8 Oct 2017 16:07

Tgt Ion	Resp	Lower	Upper
107	39631		
107	100		
108	150.6	68.2	108.2#
77	108.0	26.7	66.7#
79	174.2	6.3	46.3#

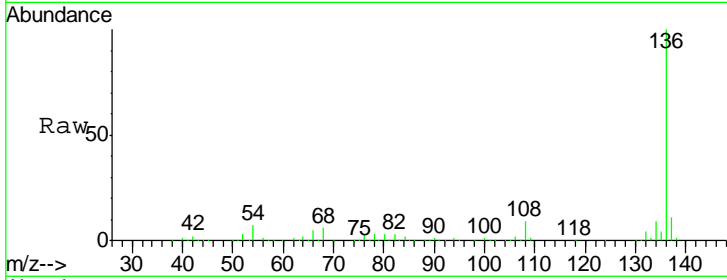




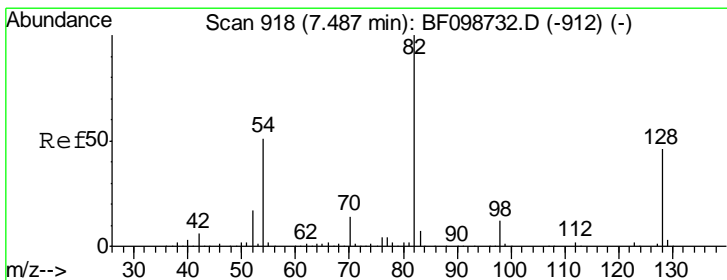
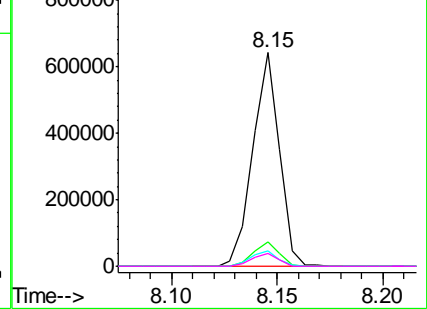
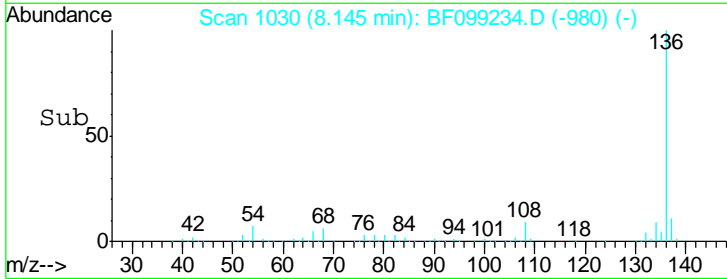
#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.15 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF099234.D
 Acq: 8 Oct 2017 16:07

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
136	561861		
137	11.2	8.9	13.3
54	7.0	6.6	9.8
68	6.1	5.0	7.4

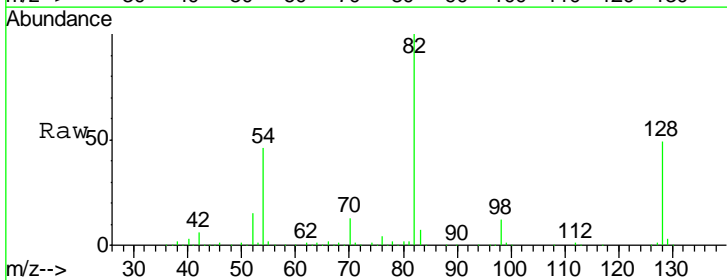


Abundance Ion 136.00 (135.70 to 136.70): E
 Ion 137.00 (136.70 to 137.70): E
 Ion 54.00 (53.70 to 54.70): BF0
 Ion 68.00 (67.70 to 68.70): BF0

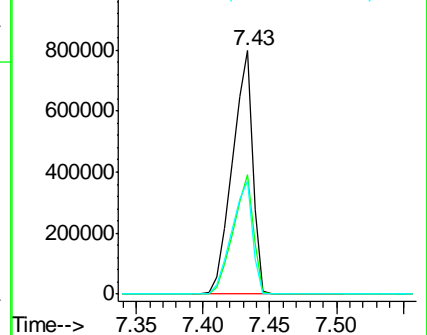
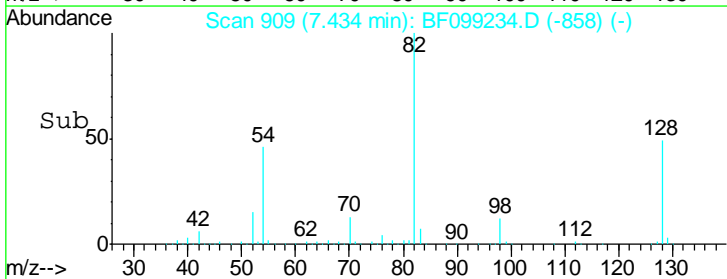


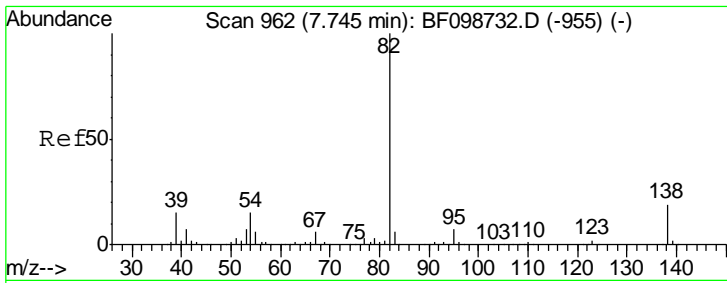
#23
 Nitrobenzene-d5
 Concen: 98.62 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF099234.D
 Acq: 8 Oct 2017 16:07

Tgt Ion	Resp	Lower	Upper
82	864019		
128	49.0	36.1	54.1
54	46.3	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

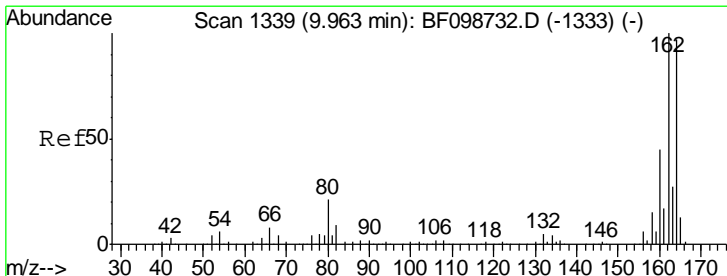
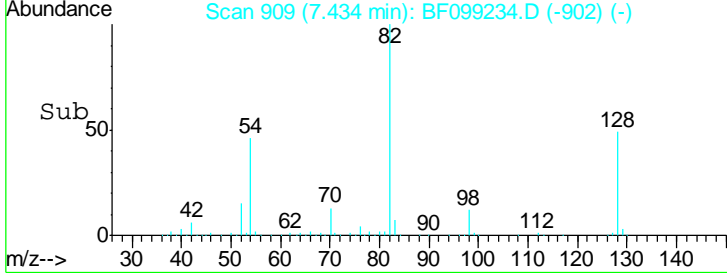
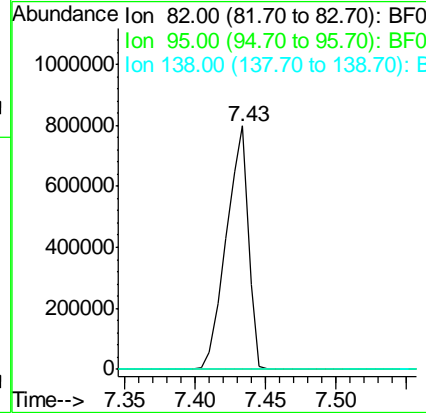
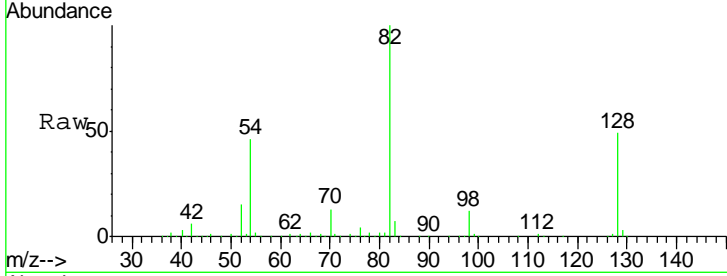




#25
 Isophorone
 Concen: 47.70 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.26 min
 Lab File: BF099234.D
 Acq: 8 Oct 2017 16:07

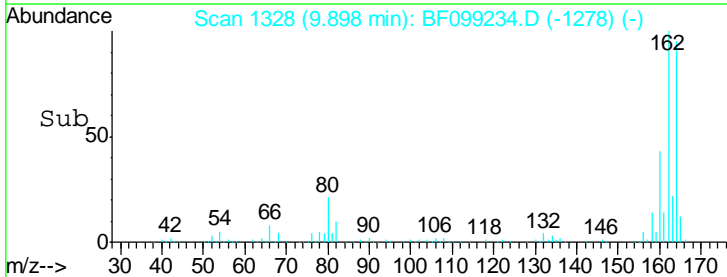
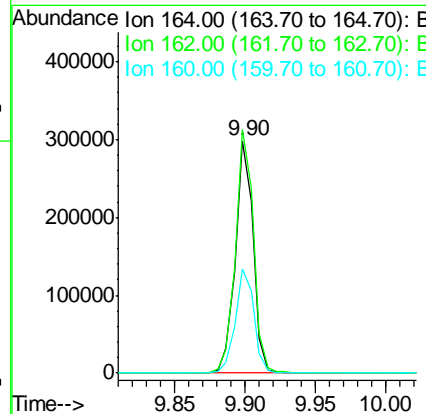
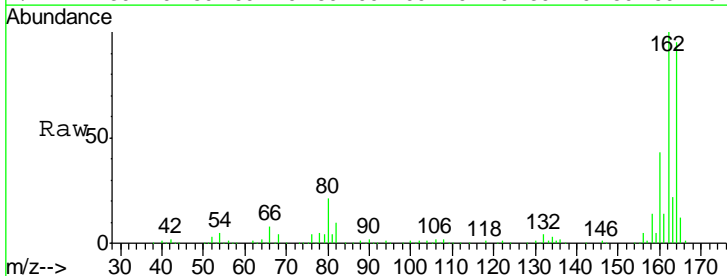
Instrument :
 BNA_F
 ClientSampled :

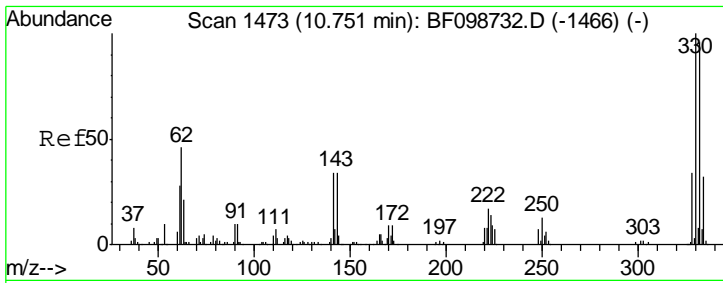
Tgt Ion	Resp	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099234.D
 Acq: 8 Oct 2017 16:07

Tgt Ion	Resp	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	44.7	38.3	57.5

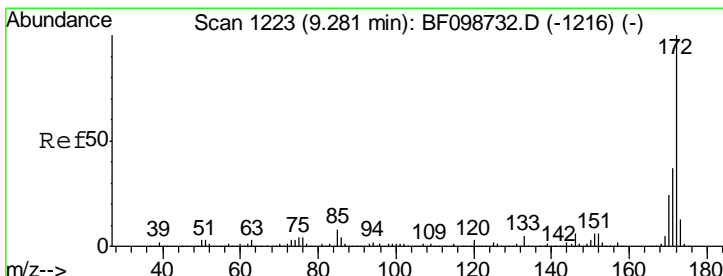
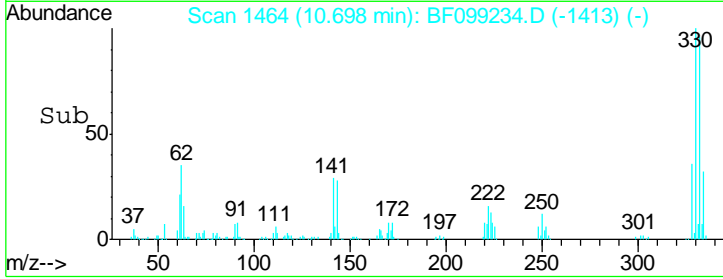
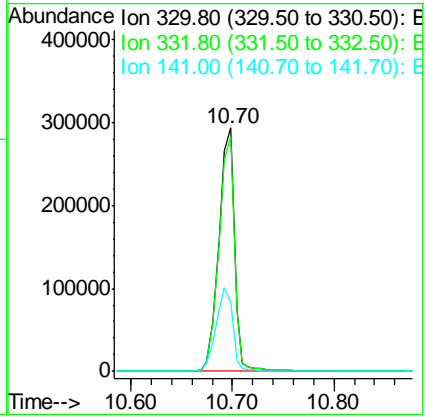
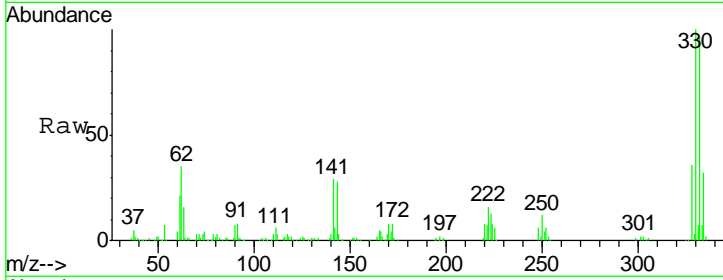




#41
 2,4,6-Tribromophenol
 Concen: 148.42 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF099234.D
 Acq: 8 Oct 2017 16:07

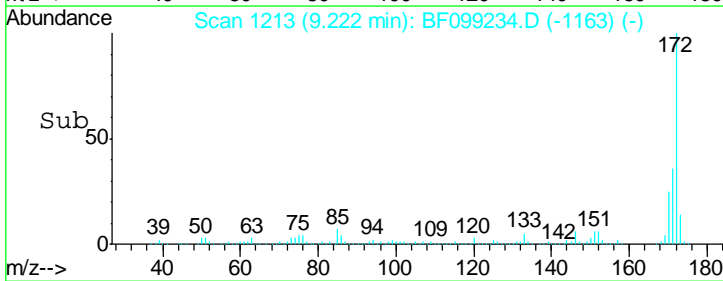
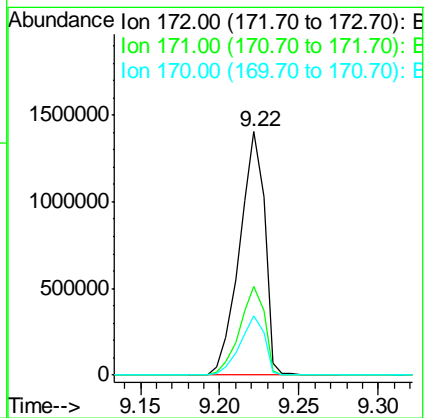
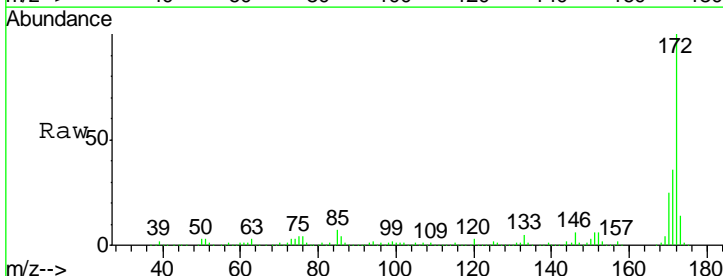
Instrument :
 BNA_F
 ClientSampled :

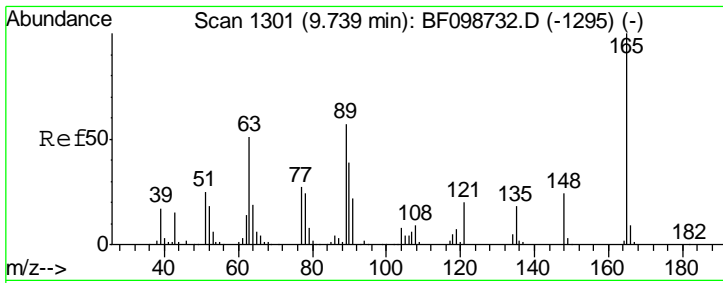
Tgt Ion	Resp	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	36.8	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 98.05 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099234.D
 Acq: 8 Oct 2017 16:07

Tgt Ion	Resp	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.6	19.6	29.4

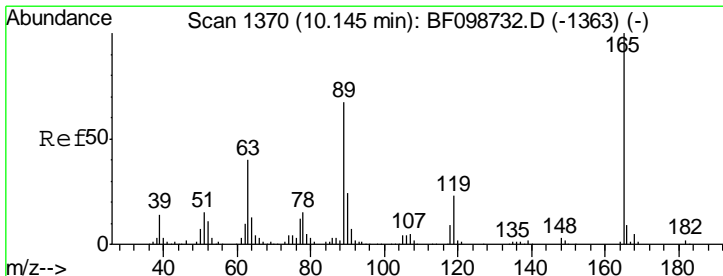
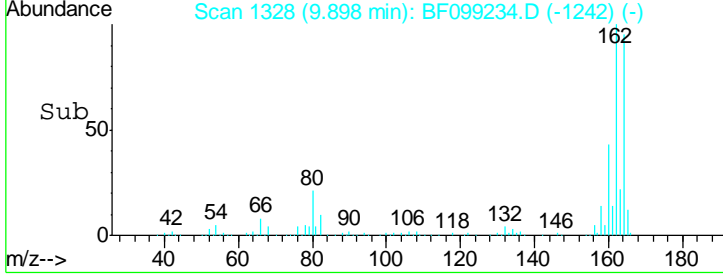
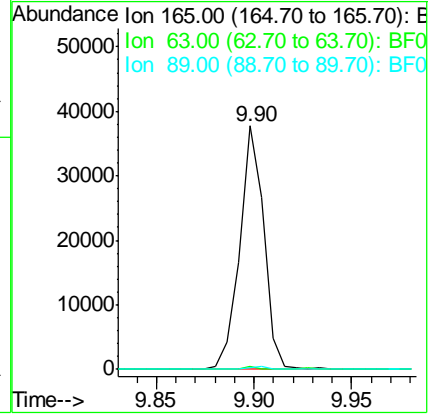
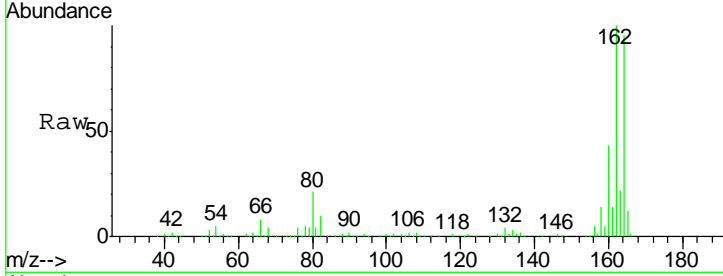




#50
 2,6-Dinitrotoluene
 Concen: 7.55 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF099234.D
 Acq: 8 Oct 2017 16:07

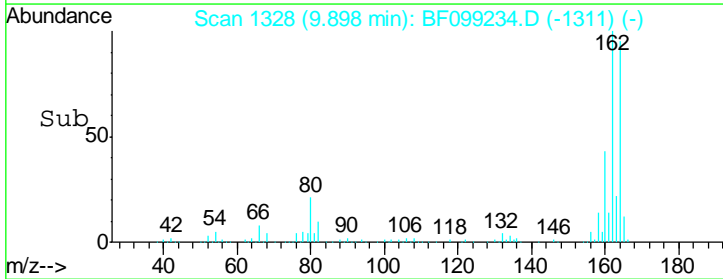
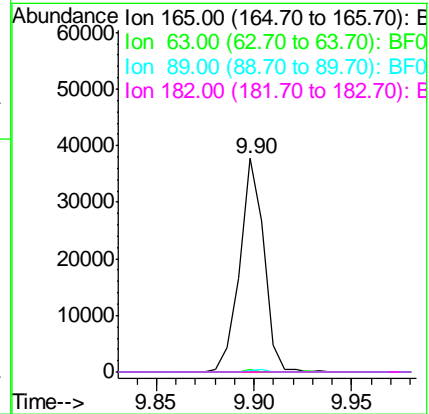
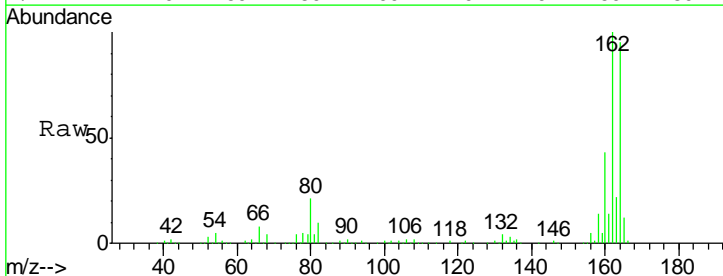
Instrument :
 BNA_F
 ClientSampled :

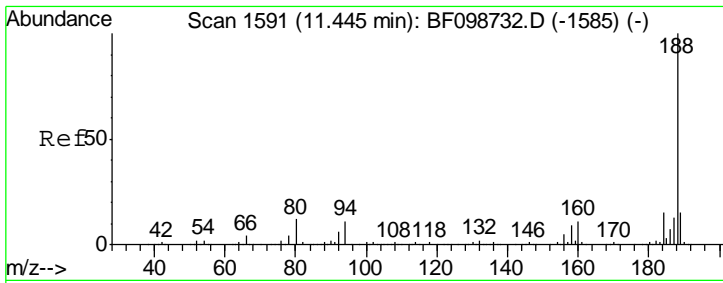
Tgt Ion	Resp	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	0.8	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.82 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099234.D
 Acq: 8 Oct 2017 16:07

Tgt Ion	Resp	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	0.8	57.8	86.6#
182	0.0	1.6	2.4#

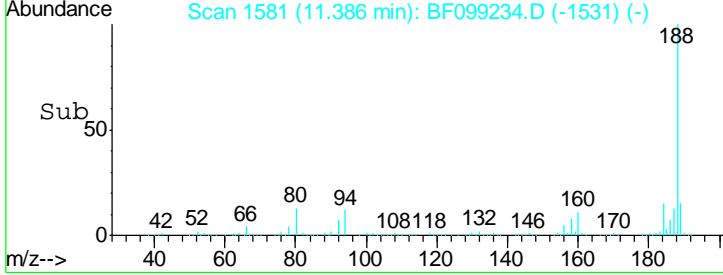
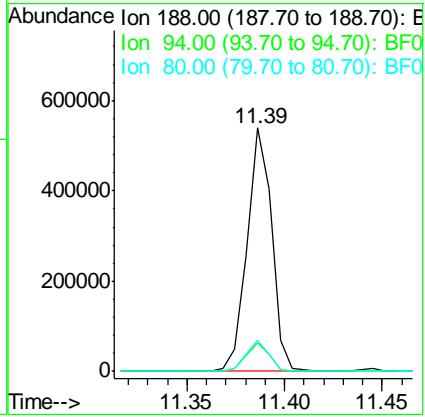
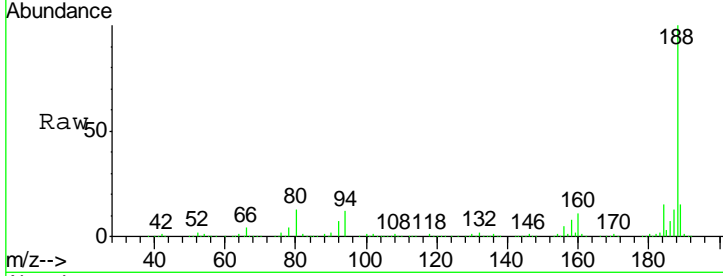




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099234.D
 Acq: 8 Oct 2017 16:07

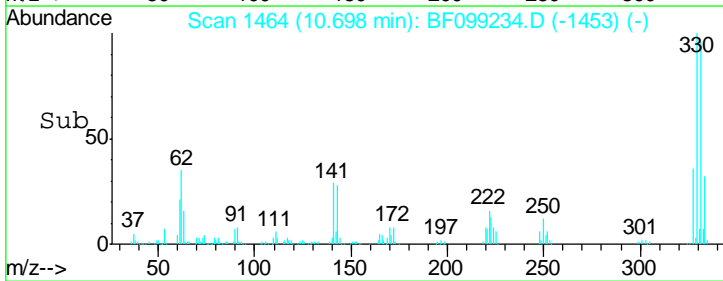
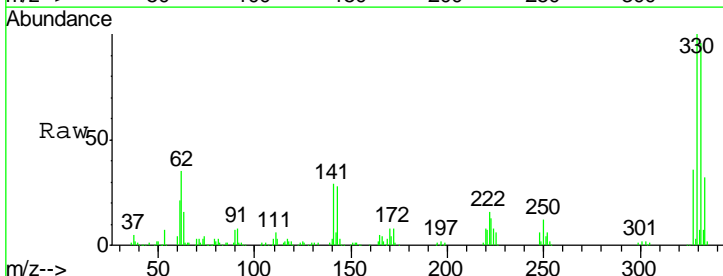
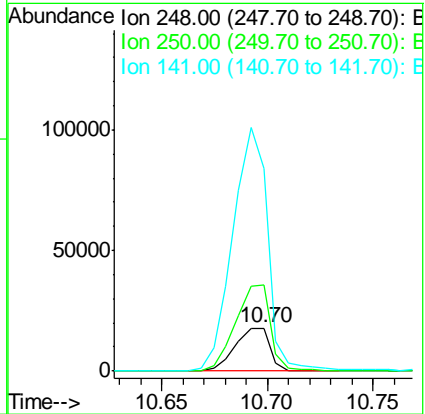
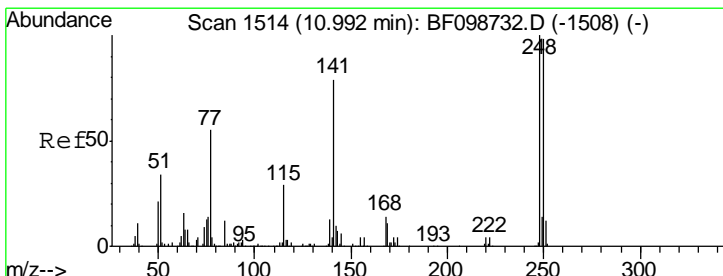
Instrument :
 BNA_F
 ClientSampled :

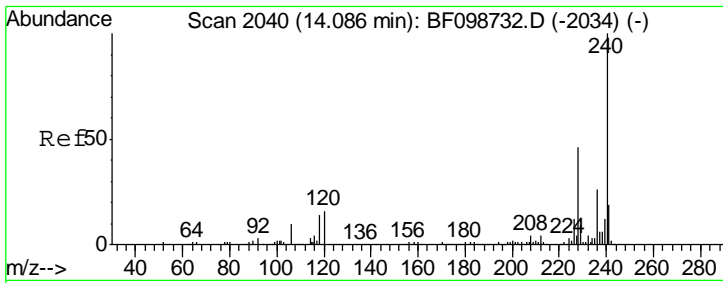
Tgt Ion	Resp	Lower	Upper
188	471904		
94	11.7	8.5	12.7
80	12.5	9.2	13.8



#66
 4-Bromophenyl-phenylether
 Concen: 4.48 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.24 min
 Lab File: BF099234.D
 Acq: 8 Oct 2017 16:07

Tgt Ion	Resp	Lower	Upper
248	20675		
250	200.0	76.9	115.3#
141	474.9	74.4	111.6#

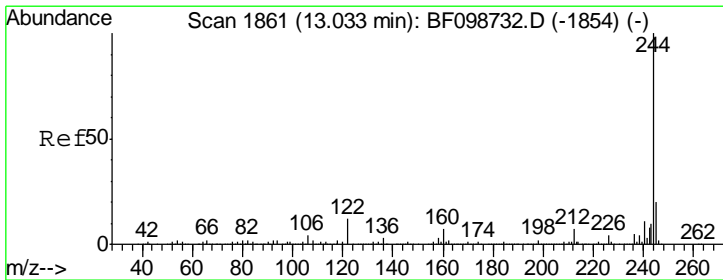
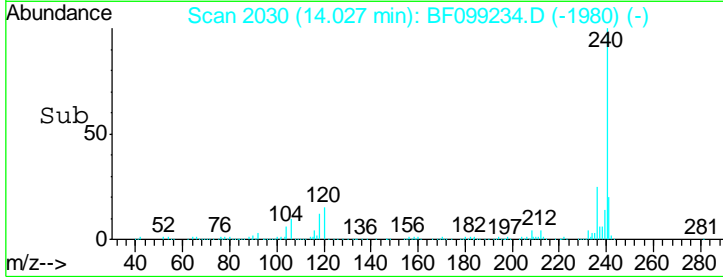
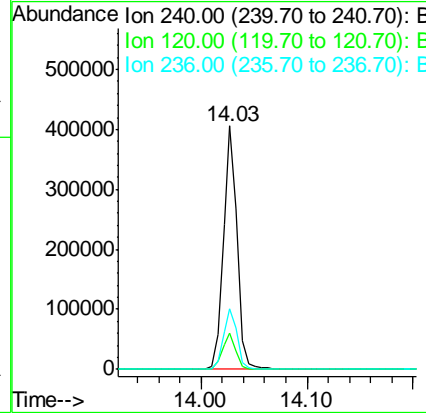
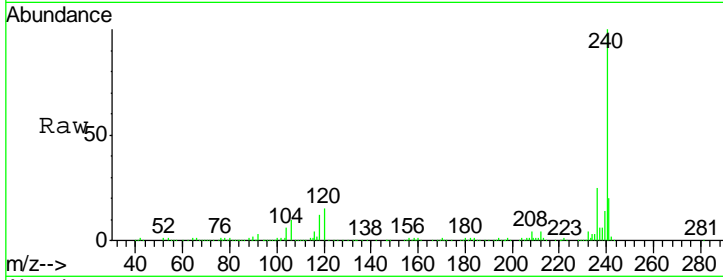




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF099234.D
 Acq: 8 Oct 2017 16:07

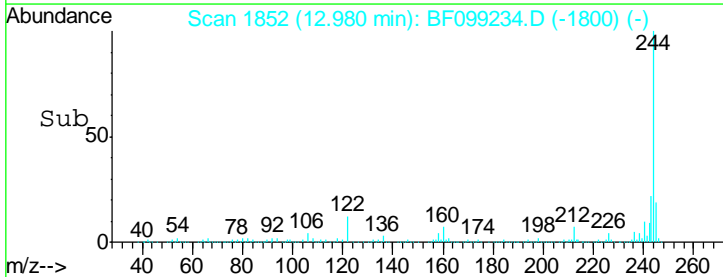
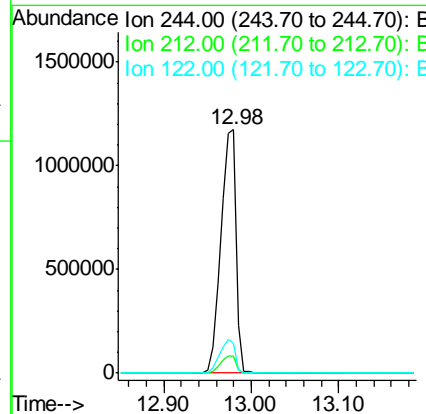
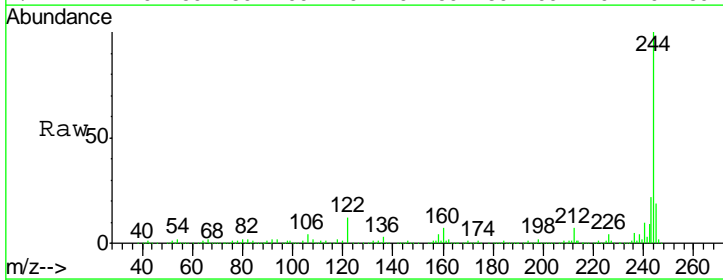
Instrument :
 BNA_F
 ClientSampled :

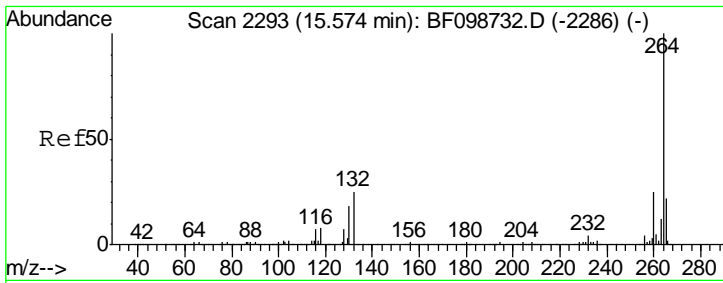
Tgt Ion	Resp	Lower	Upper
240	372310		
120	14.9	9.5	14.3#
236	25.1	20.7	31.1



#78
 Terphenyl-d14
 Concen: 86.61 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: BF099234.D
 Acq: 8 Oct 2017 16:07

Tgt Ion	Resp	Lower	Upper
244	1417961		
212	7.1	5.4	8.0
122	12.3	11.0	16.4





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BF099234.D
 Acq: 8 Oct 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
274495	264	100		
	260	25.4	19.2	28.8
	265	21.1	17.5	26.3

