

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF040216\  
 Data File : BF086003.D  
 Acq On : 2 Apr 2016 11:11  
 Operator : UM/SJ  
 Sample : H2055-05  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BH-5(5-7)

Quant Time: Apr 04 01:02:56 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040216.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 01 23:17:06 2016  
 Response via : Initial Calibration

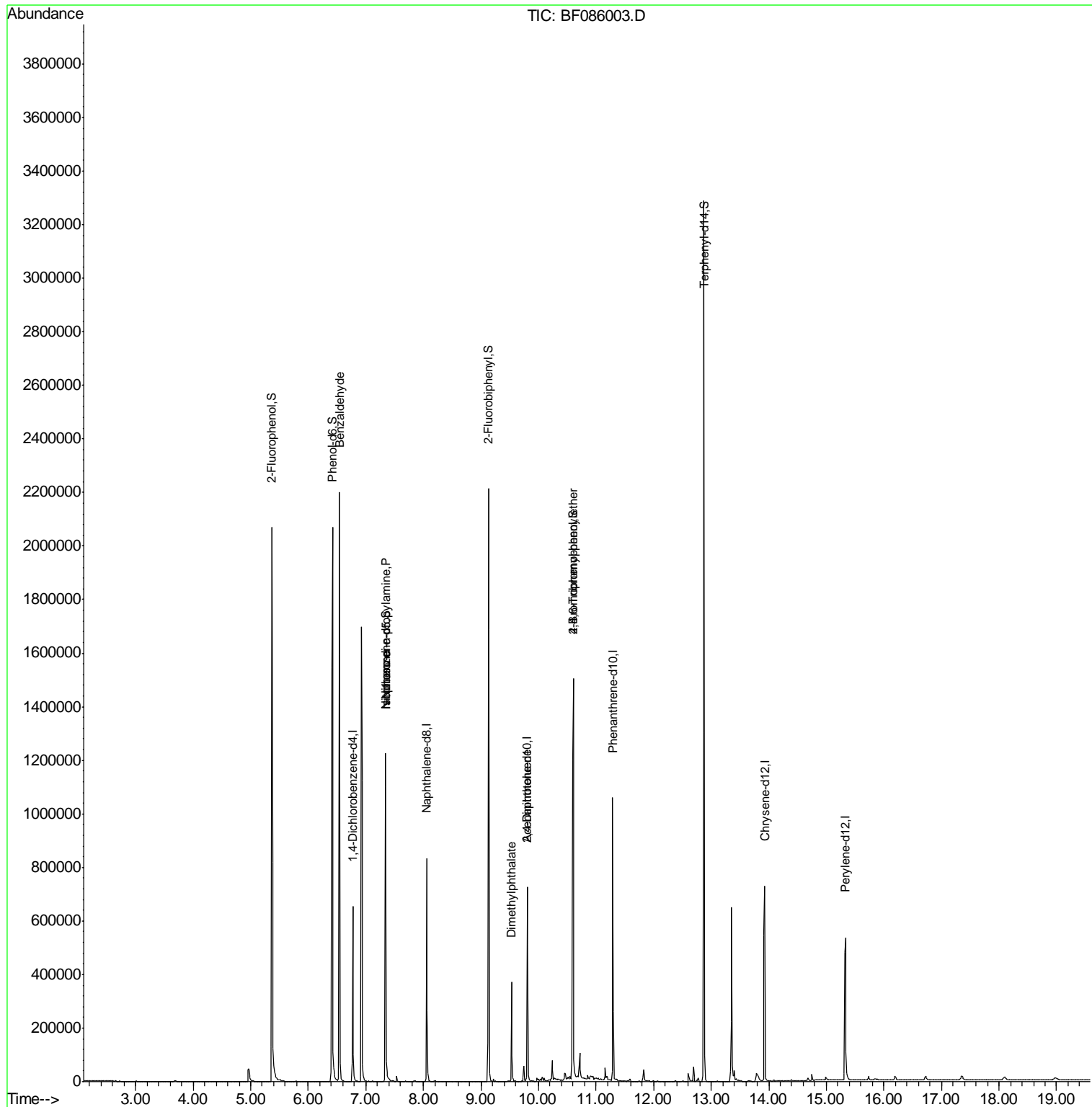
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	103348	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	410967	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	187996	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	378577	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	340677	20.00	ng	0.00
86) Perylene-d12	15.33	264	293643	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	727527	120.33	ng	0.00
7) Phenol-d6	6.42	99	1066828	138.91	ng	0.00
23) Nitrobenzene-d5	7.34	82	625320	89.73	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	285028	161.53	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	980030	86.68	ng	-0.01
78) Terphenyl-d14	12.88	244	1086458	74.97	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	17884	4.33	ng	86
19) n-Nitroso-di-n-propylamine	7.34	70	78405	16.47	ng	# 74
25) Isophorone	7.34	82	623424	45.32	ng	# 68
49) Dimethylphthalate	9.53	163	152391	10.94	ng	100
56) 2,4-Dinitrotoluene	9.80	165	23600	6.34	ng	# 35
66) 4-Bromophenyl-phenylether	10.60	248	17388	4.50	ng	# 1

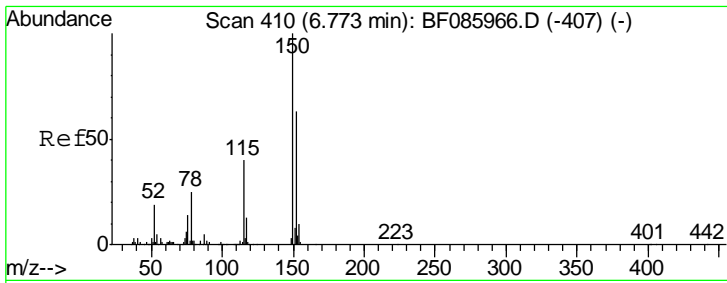
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 BH-5(5-7)

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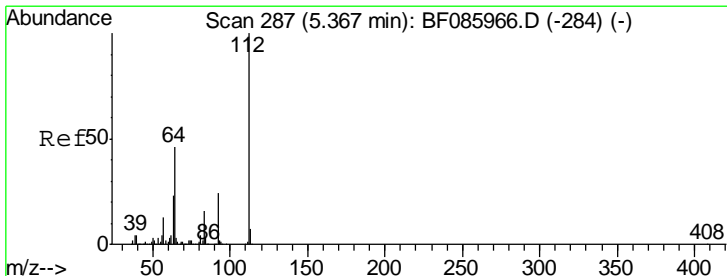
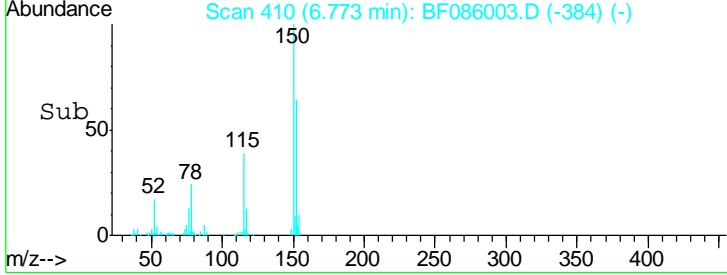
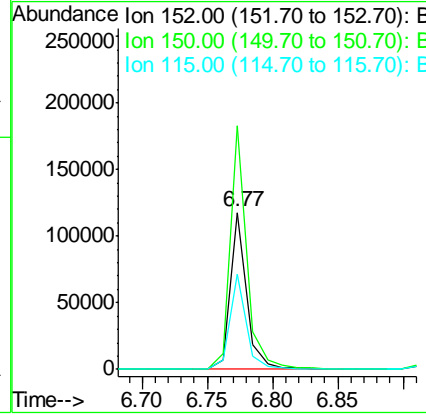
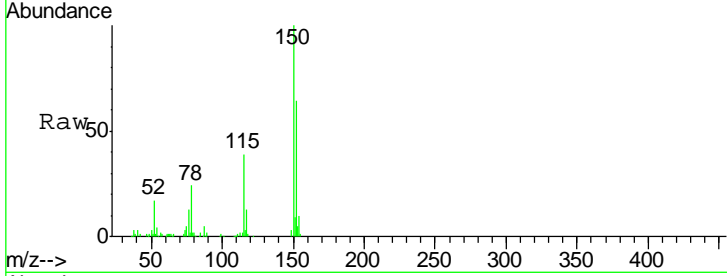




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.77 min Scan# 410  
 Delta R.T. 0.00 min  
 Lab File: BF086003.D  
 Acq: 2 Apr 2016 11:11

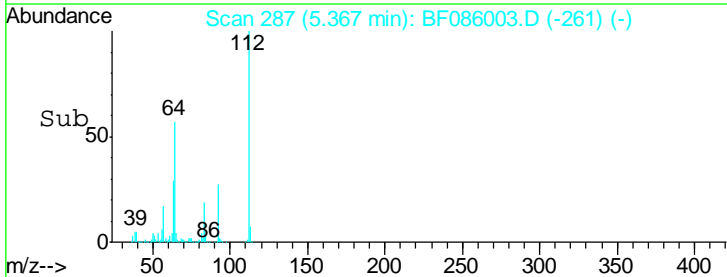
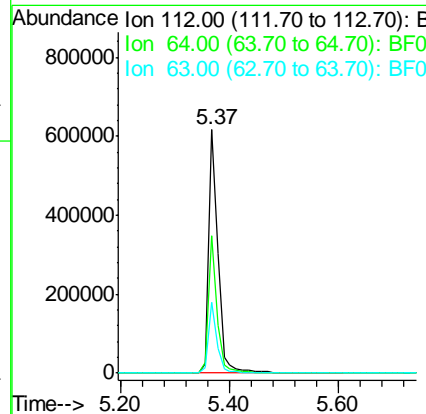
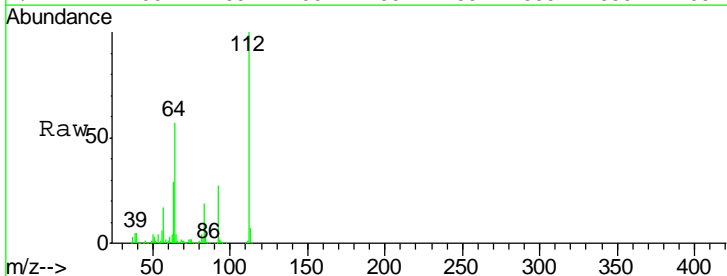
Instrument :  
 BNA\_F  
 ClientSampled :  
 BH-5(5-7)

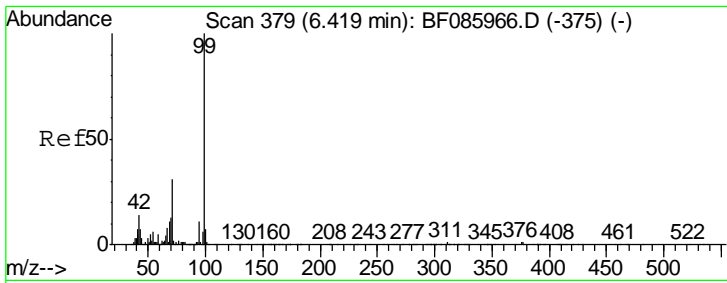
Tgt Ion	Resp	Lower	Upper
152	103348		
150	155.2	124.2	186.2
115	60.3	47.0	70.6



#5  
 2-Fluorophenol  
 Concen: 120.33 ng  
 RT: 5.37 min Scan# 287  
 Delta R.T. 0.00 min  
 Lab File: BF086003.D  
 Acq: 2 Apr 2016 11:11

Tgt Ion	Resp	Lower	Upper
112	727527		
64	56.6	39.9	59.9
63	28.9	20.2	30.2

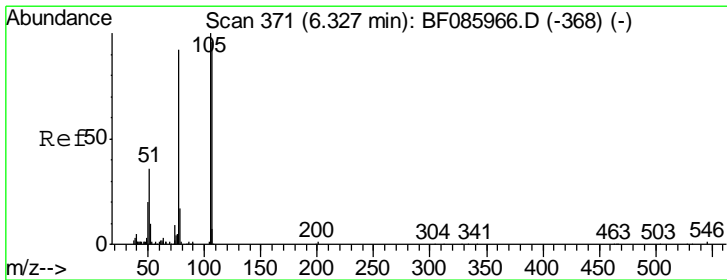
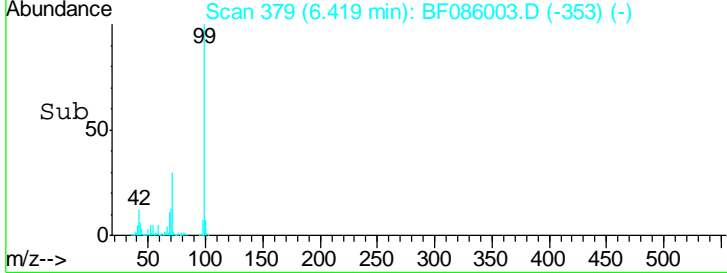
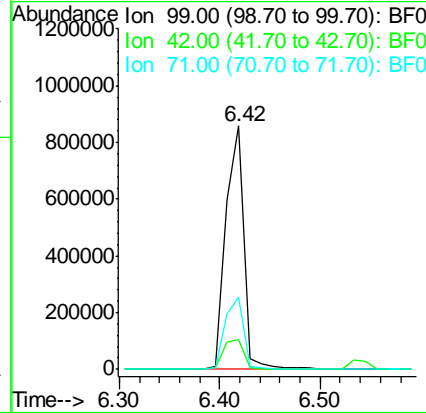
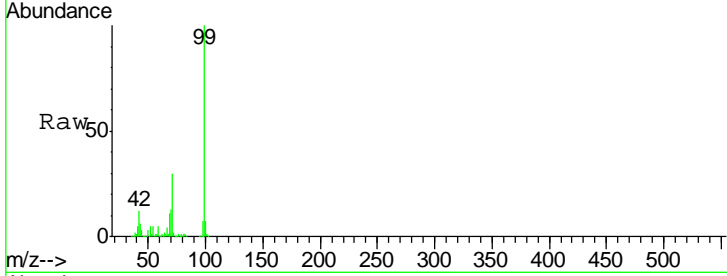




#7  
 Phenol-d6  
 Concen: 138.91 ng  
 RT: 6.42 min Scan# 379  
 Delta R.T. 0.00 min  
 Lab File: BF086003.D  
 Acq: 2 Apr 2016 11:11

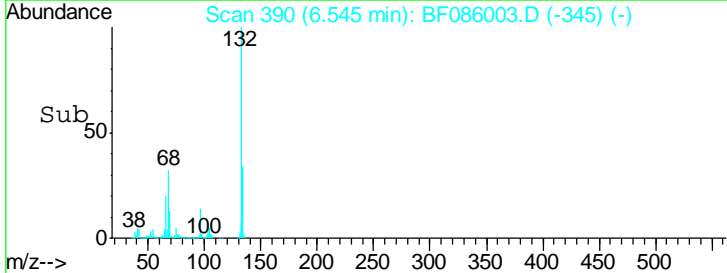
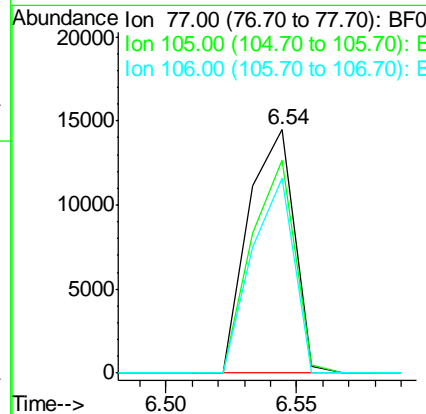
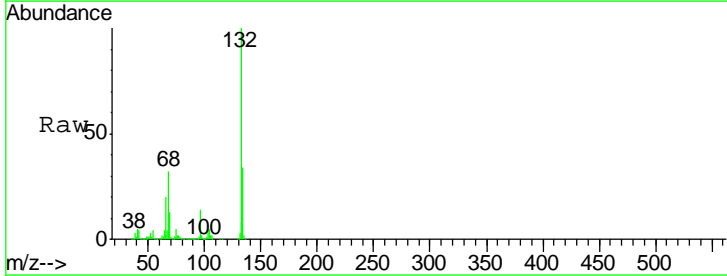
Instrument :  
 BNA\_F  
 ClientSampled :  
 BH-5(5-7)

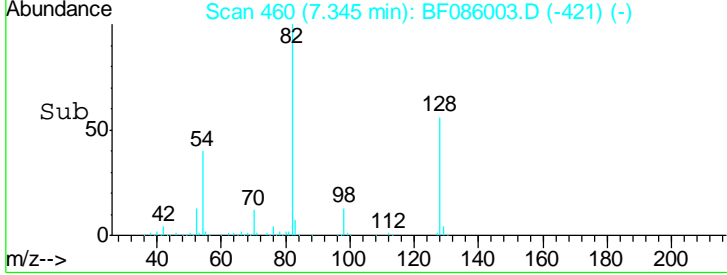
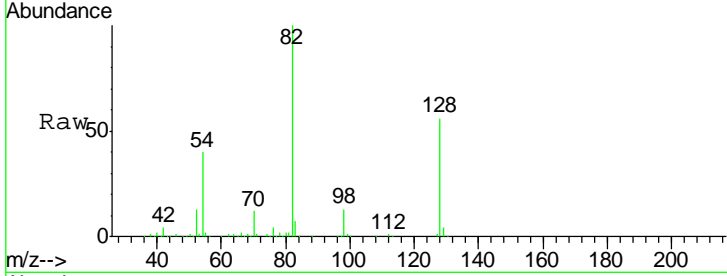
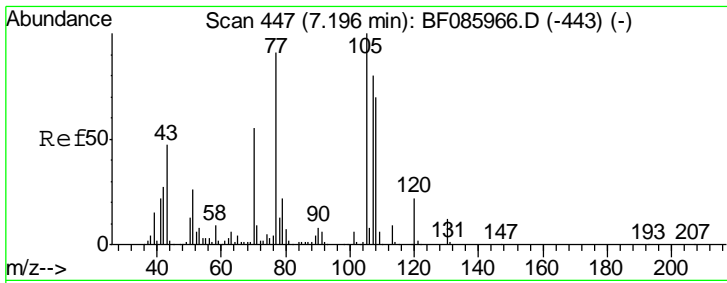
Tgt Ion	Resp	Lower	Upper
99	1066828		
42	12.1	11.1	16.7
71	29.7	24.9	37.3



#9  
 Benzaldehyde  
 Concen: 4.33 ng  
 RT: 6.54 min Scan# 390  
 Delta R.T. 0.22 min  
 Lab File: BF086003.D  
 Acq: 2 Apr 2016 11:11

Tgt Ion	Resp	Lower	Upper
77	17884		
105	87.4	80.1	120.1
106	79.9	75.0	115.0

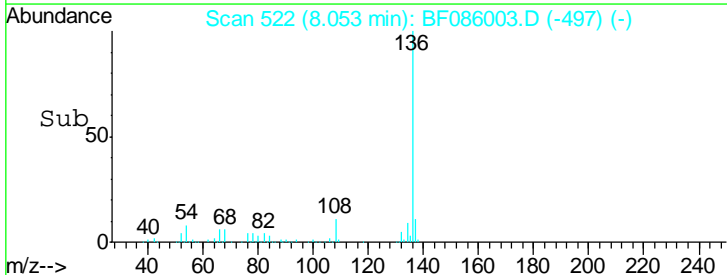
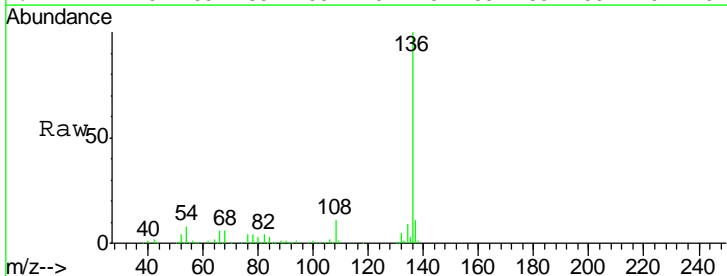
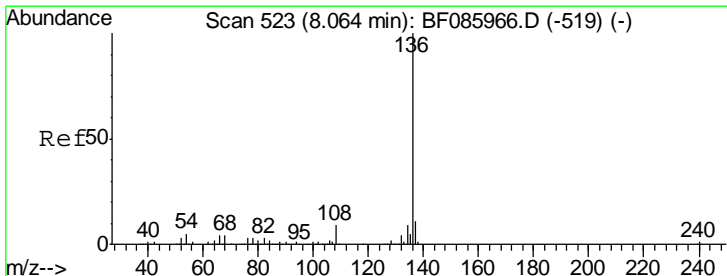
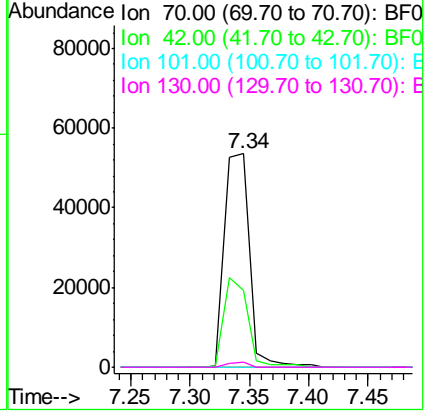




#19  
 n-Nitroso-di-n-propylamine  
 Concen: 16.47 ng  
 RT: 7.34 min Scan# 460  
 Delta R.T. 0.15 min  
 Lab File: BF086003.D  
 Acq: 2 Apr 2016 11:11

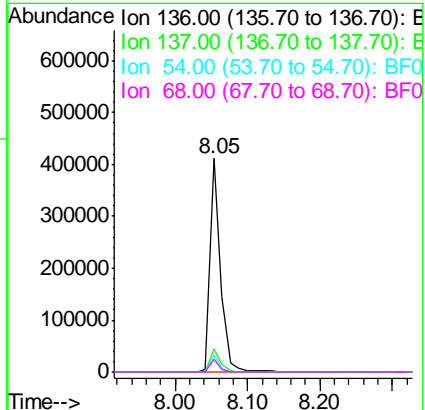
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 BH-5(5-7)

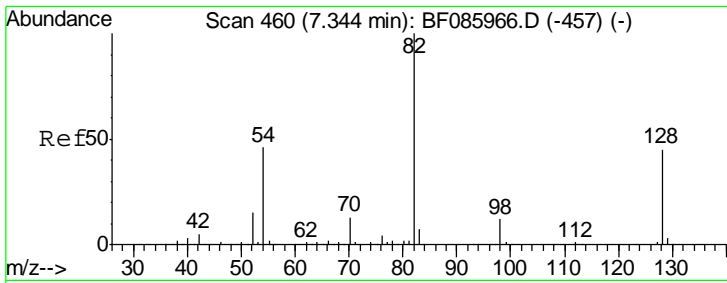
Tgt Ion	Resp	Lower	Upper
70	100		
42	36.0	37.1	55.7#
101	0.0	8.6	12.8#
130	2.6	19.6	29.4#



#21  
 Naphthalene-d8  
 Concen: 20.00 ng  
 RT: 8.05 min Scan# 522  
 Delta R.T. -0.01 min  
 Lab File: BF086003.D  
 Acq: 2 Apr 2016 11:11

Tgt Ion	Resp	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	8.0	7.4	11.0
68	6.3	5.8	8.8

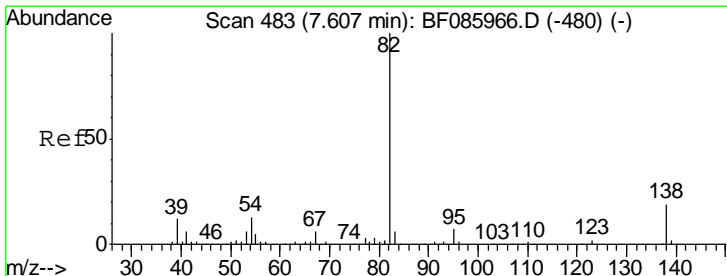
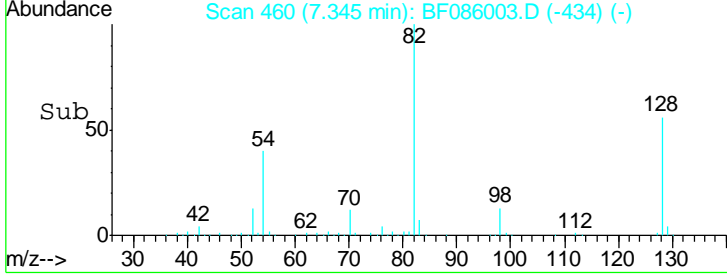
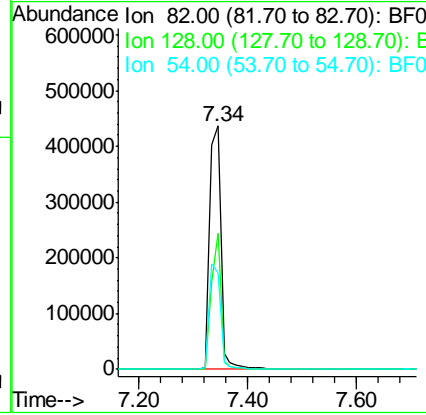
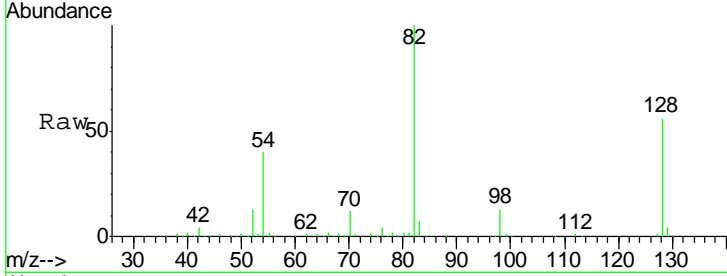




#23  
 Nitrobenzene-d5  
 Concen: 89.73 ng  
 RT: 7.34 min Scan# 460  
 Delta R.T. 0.00 min  
 Lab File: BF086003.D  
 Acq: 2 Apr 2016 11:11

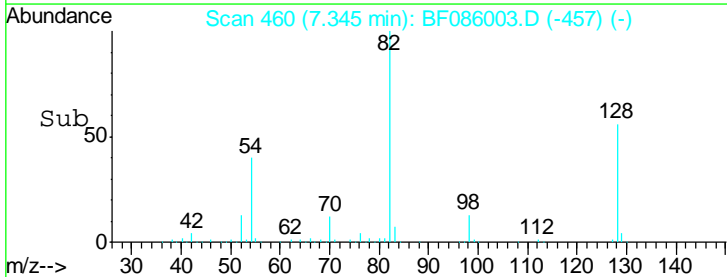
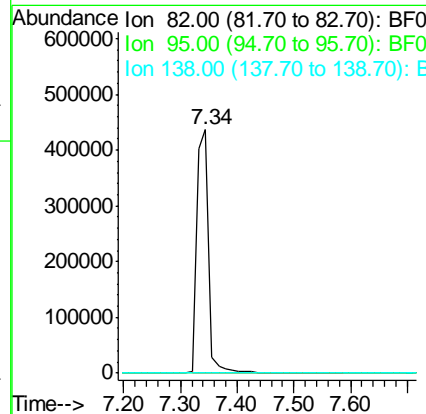
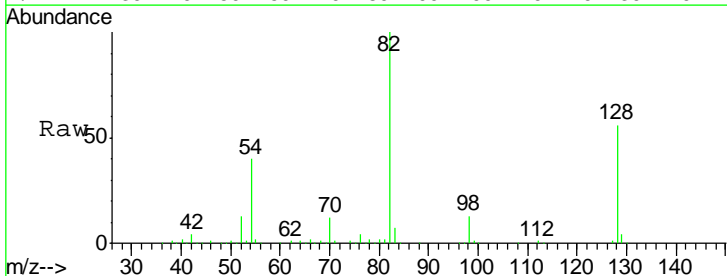
Instrument :  
 BNA\_F  
 ClientSampled :  
 BH-5(5-7)

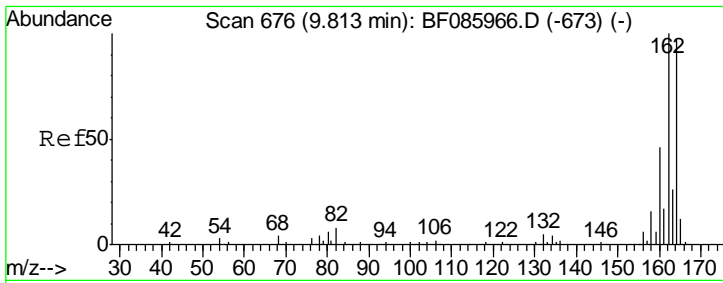
Tgt Ion	Resp	Lower	Upper
82	625320		
128	55.9	41.8	62.8
54	39.7	33.4	50.0



#25  
 Isophorone  
 Concen: 45.32 ng  
 RT: 7.34 min Scan# 460  
 Delta R.T. -0.26 min  
 Lab File: BF086003.D  
 Acq: 2 Apr 2016 11:11

Tgt Ion	Resp	Lower	Upper
82	623424		
95	0.0	5.4	8.2#
138	0.0	12.9	19.3#

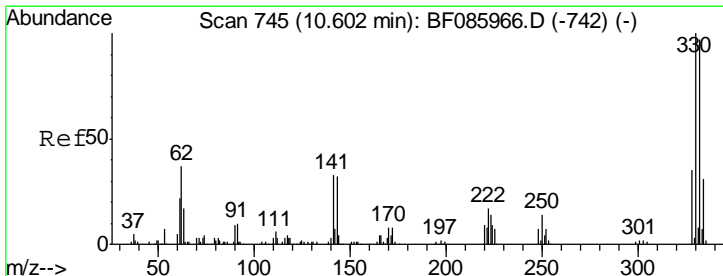
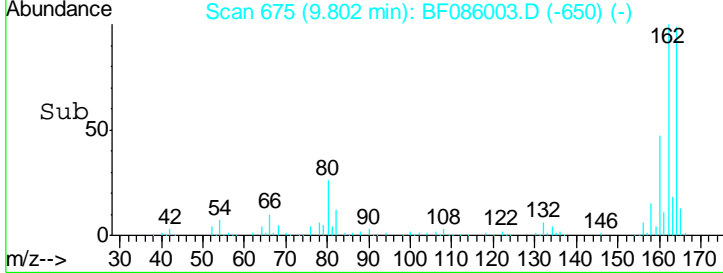
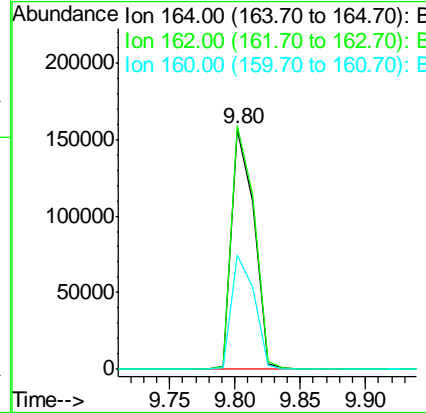
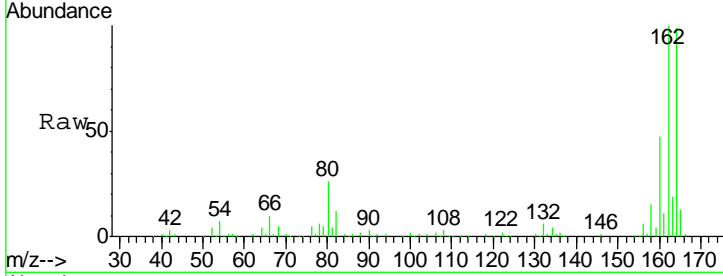




#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.80 min Scan# 675  
 Delta R.T. -0.01 min  
 Lab File: BF086003.D  
 Acq: 2 Apr 2016 11:11

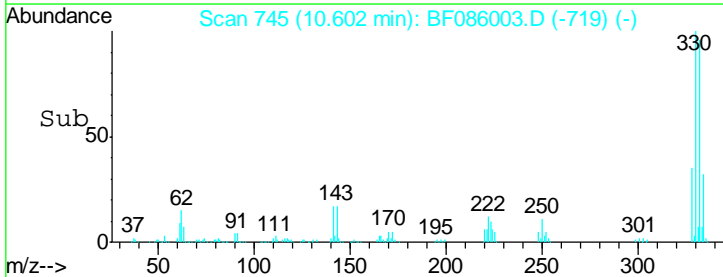
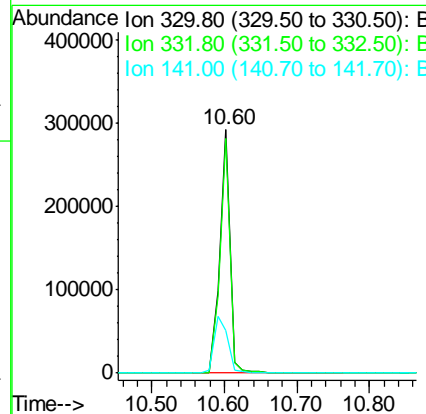
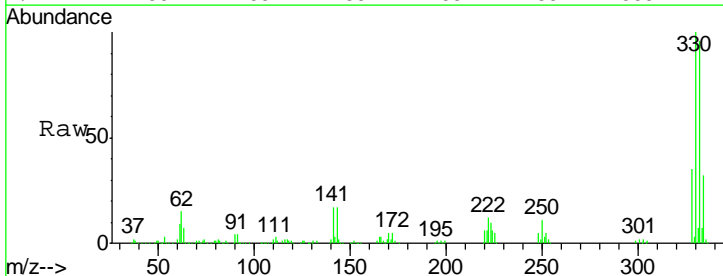
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 BH-5(5-7)

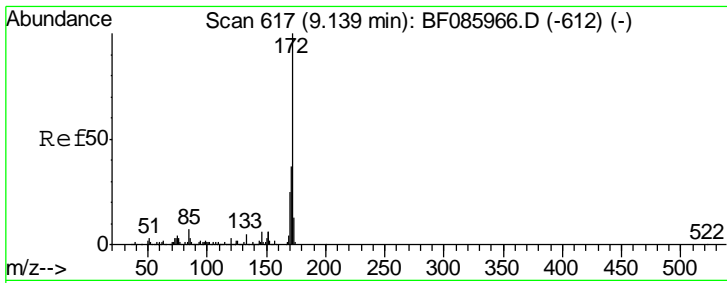
Tgt Ion	Resp	Lower	Upper
164	187996		
162	101.3	82.1	123.1
160	47.6	37.4	56.2



#41  
 2,4,6-Tribromophenol  
 Concen: 161.53 ng  
 RT: 10.60 min Scan# 745  
 Delta R.T. 0.00 min  
 Lab File: BF086003.D  
 Acq: 2 Apr 2016 11:11

Tgt Ion	Resp	Lower	Upper
330	285028		
332	95.7	78.2	117.2
141	31.2	31.5	47.3#

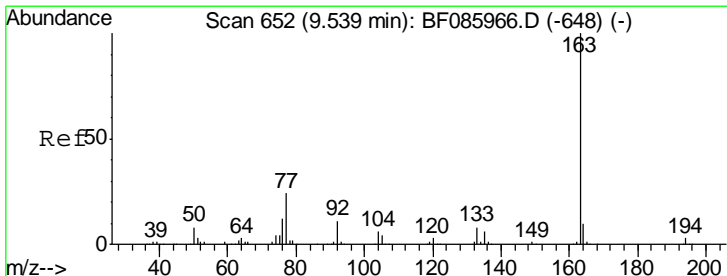
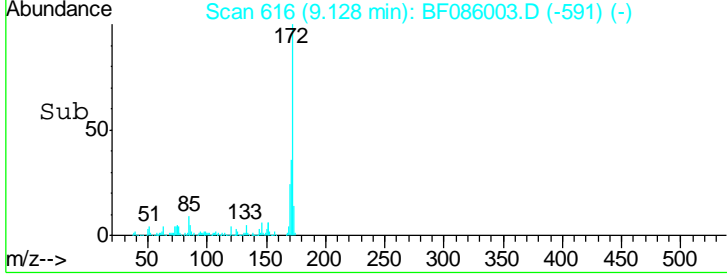
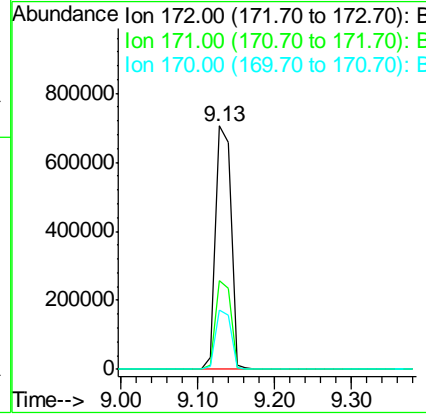
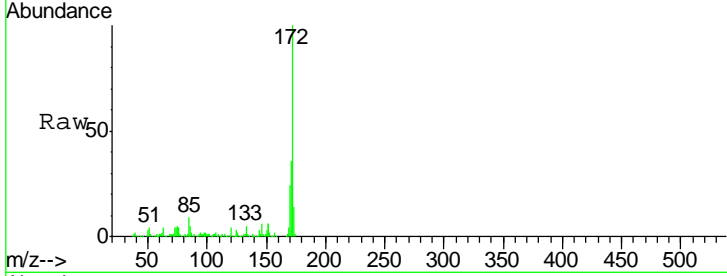




#44  
 2-Fluorobiphenyl  
 Concen: 86.68 ng  
 RT: 9.13 min Scan# 616  
 Delta R.T. -0.01 min  
 Lab File: BF086003.D  
 Acq: 2 Apr 2016 11:11

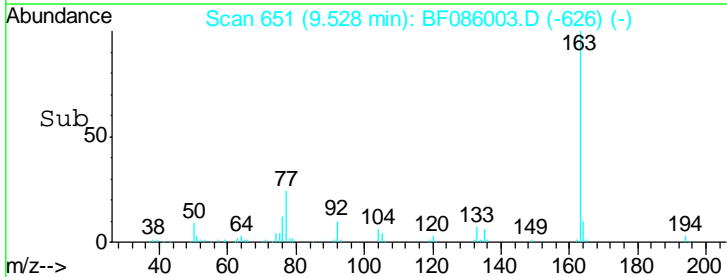
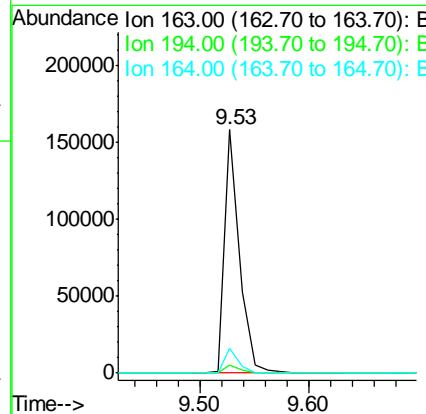
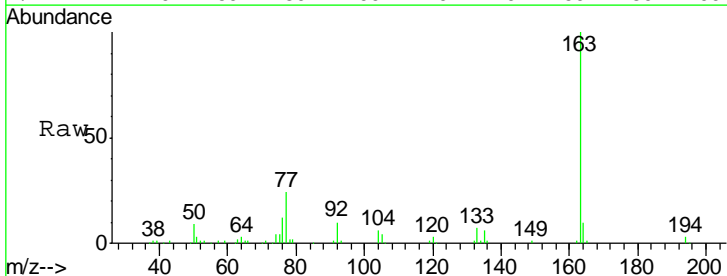
Instrument :  
 BNA\_F  
 ClientSampled :  
 BH-5(5-7)

Tgt Ion	Resp	Lower	Upper
172	100		
171	36.3	29.4	44.2
170	24.2	19.8	29.6

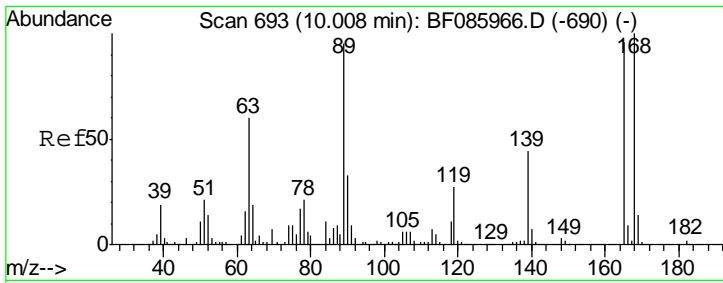


#49  
 Dimethylphthalate  
 Concen: 10.94 ng  
 RT: 9.53 min Scan# 651  
 Delta R.T. -0.01 min  
 Lab File: BF086003.D  
 Acq: 2 Apr 2016 11:11

Tgt Ion	Resp	Lower	Upper
163	100		
194	3.1	2.9	4.3
164	10.4	8.3	12.5



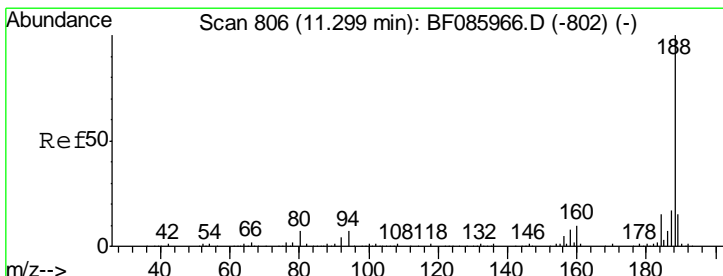
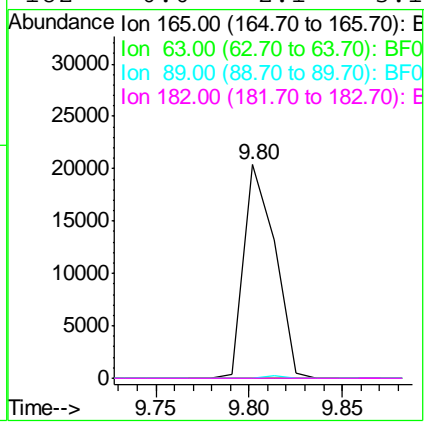
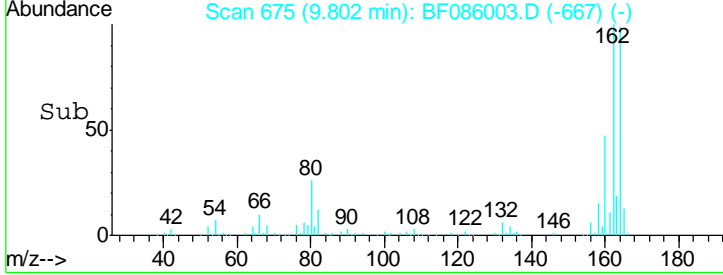
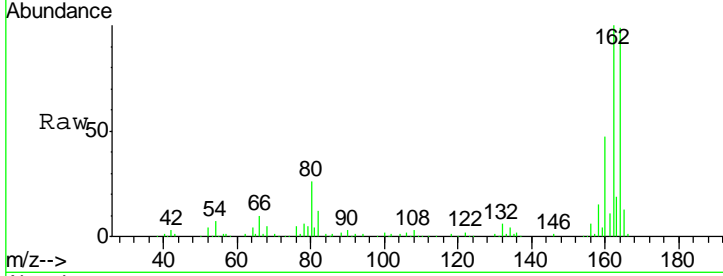




#56  
 2,4-Dinitrotoluene  
 Concen: 6.34 ng  
 RT: 9.80 min Scan# 675  
 Delta R.T. -0.21 min  
 Lab File: BF086003.D  
 Acq: 2 Apr 2016 11:11

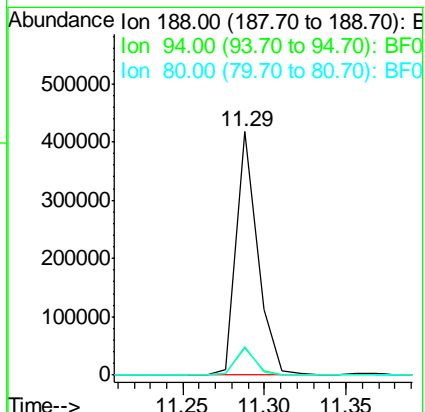
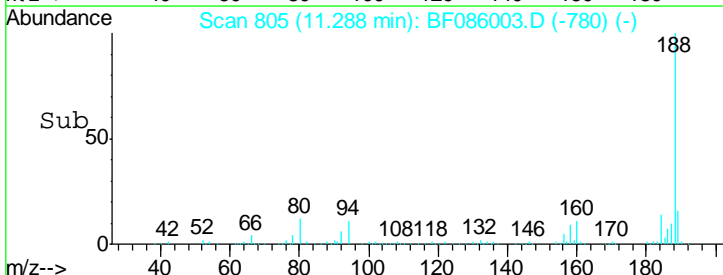
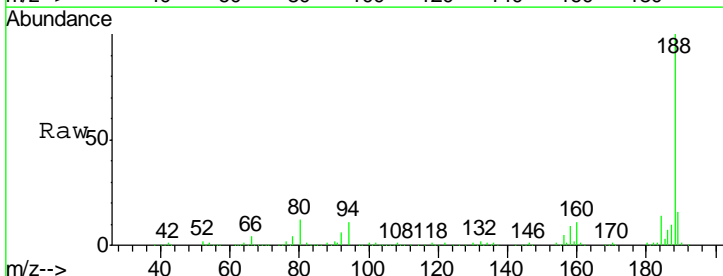
Instrument :  
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 BH-5(5-7)

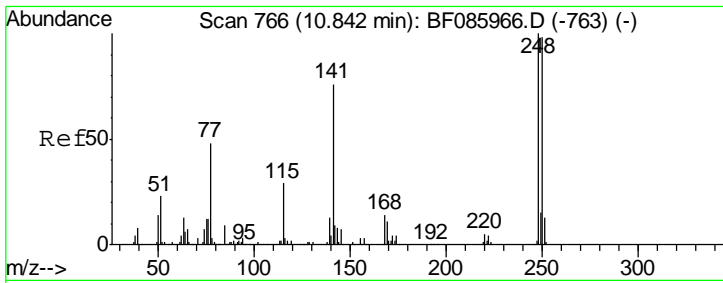
Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	24.9	37.3#
89	0.0	41.0	61.6#
182	0.0	2.1	3.1#



#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 11.29 min Scan# 805  
 Delta R.T. -0.01 min  
 Lab File: BF086003.D  
 Acq: 2 Apr 2016 11:11

Tgt Ion	Resp	Lower	Upper
188	100		
94	11.4	5.4	8.0#
80	11.9	5.5	8.3#

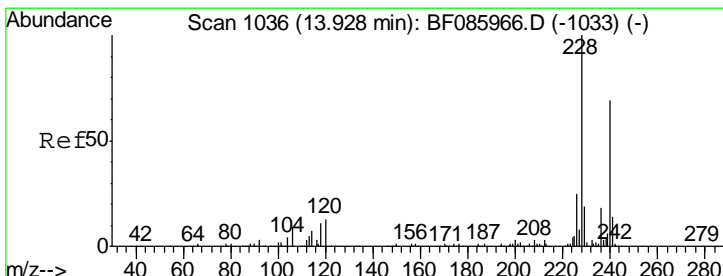
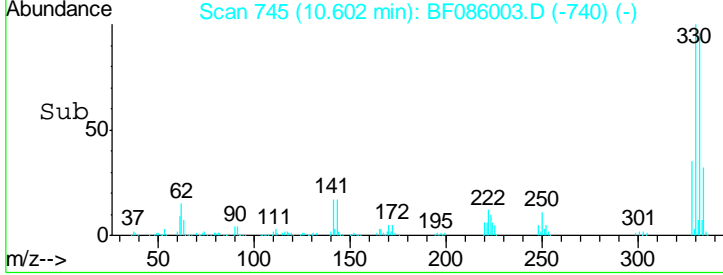
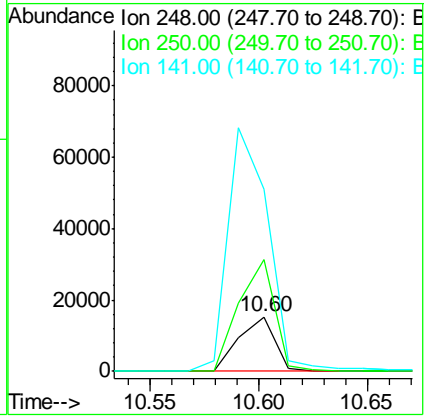
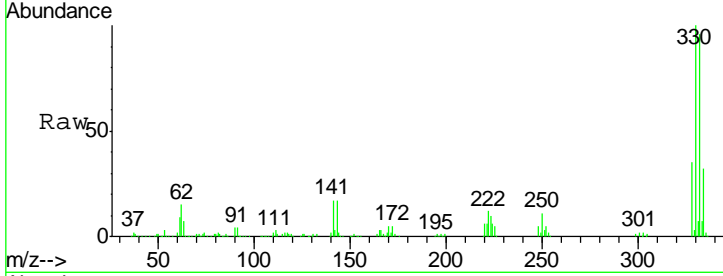




#66  
 4-Bromophenyl-phenylether  
 Concen: 4.50 ng  
 RT: 10.60 min Scan# 745  
 Delta R.T. -0.24 min  
 Lab File: BF086003.D  
 Acq: 2 Apr 2016 11:11

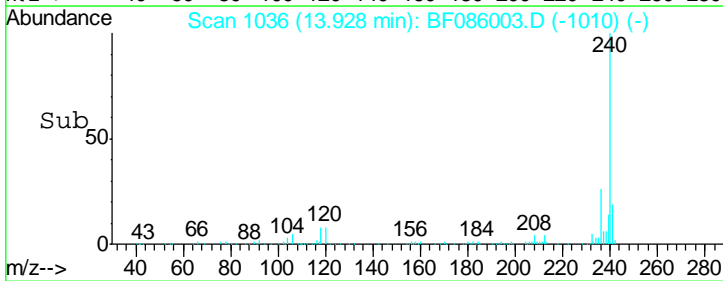
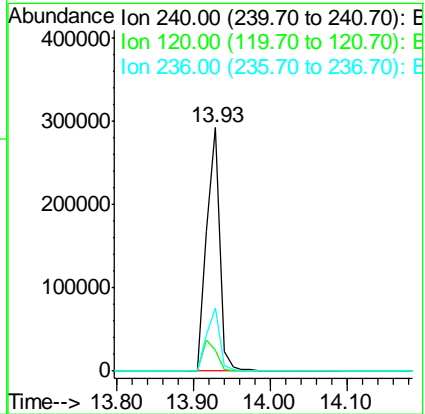
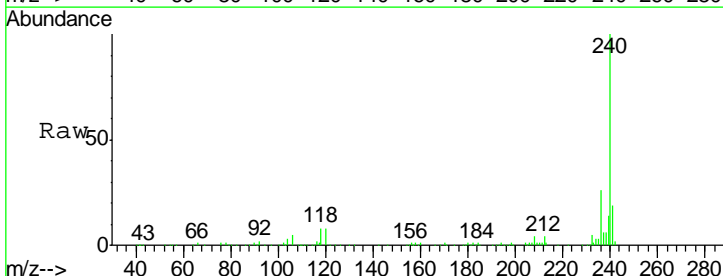
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 BH-5(5-7)

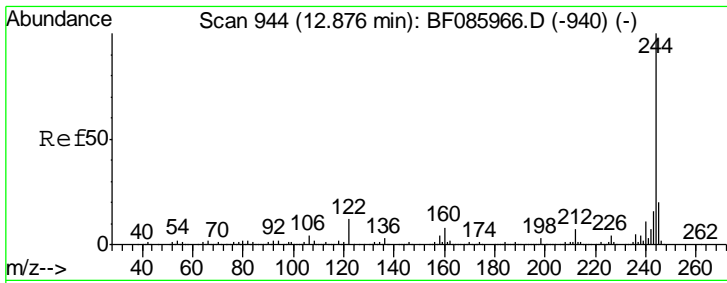
Tgt Ion	Resp	Lower	Upper
248	17388		
250	206.0	77.4	116.0#
141	334.5	63.6	95.4#



#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 13.93 min Scan# 1036  
 Delta R.T. 0.00 min  
 Lab File: BF086003.D  
 Acq: 2 Apr 2016 11:11

Tgt Ion	Resp	Lower	Upper
240	340677		
120	8.4	13.8	20.8#
236	26.0	20.6	30.8



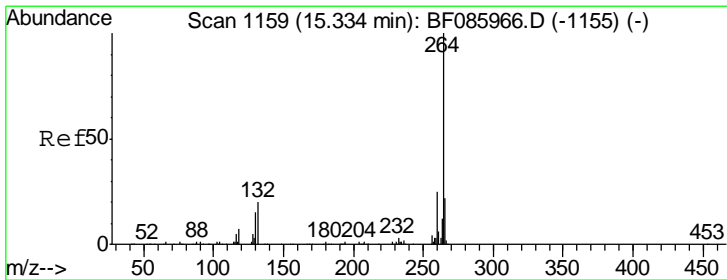
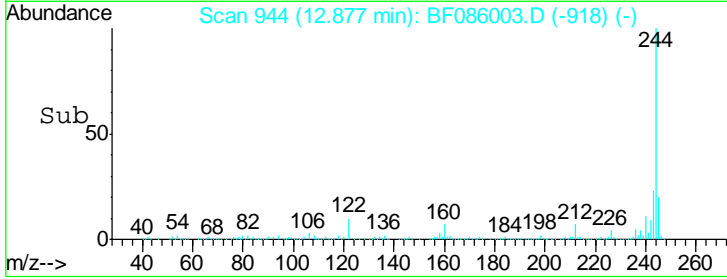
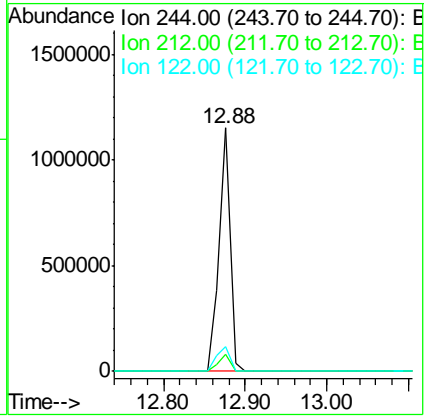
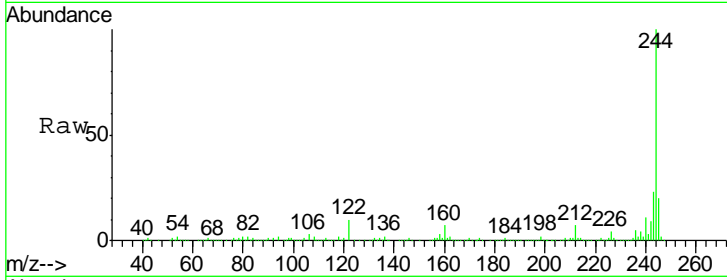


#78  
 Terphenyl-d14  
 Concen: 74.97 ng  
 RT: 12.88 min Scan# 944  
 Delta R.T. 0.00 min  
 Lab File: BF086003.D  
 Acq: 2 Apr 2016 11:11

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 BH-5(5-7)

Tgt Ion: 244 Resp: 1086458

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	10.3	10.2	15.4



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.33 min Scan# 1159  
 Delta R.T. 0.00 min  
 Lab File: BF086003.D  
 Acq: 2 Apr 2016 11:11

Tgt Ion: 264 Resp: 293643

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	21.6	17.2	25.8

