

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\  
 Data File : BF098144.D  
 Acq On : 30 Aug 2017 8:02  
 Operator : SJ/JU  
 Sample : I4989-03  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Aug 30 08:40:46 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 21 15:59:04 2017  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	124074	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	472551	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	179759	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	259366	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	244075	20.00	ng	-0.01
86) Perylene-d12	15.30	264	209648	20.00	ng	0.00

## System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	943303	115.64	ng	0.00
7) Phenol-d6	6.37	99	1149950	103.76	ng	-0.01
23) Nitrobenzene-d5	7.30	82	826605	95.03	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	175544	112.55	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	1135740	92.83	ng	-0.02
78) Terphenyl-d14	12.84	244	695653	59.44	ng	-0.01

## Target Compounds

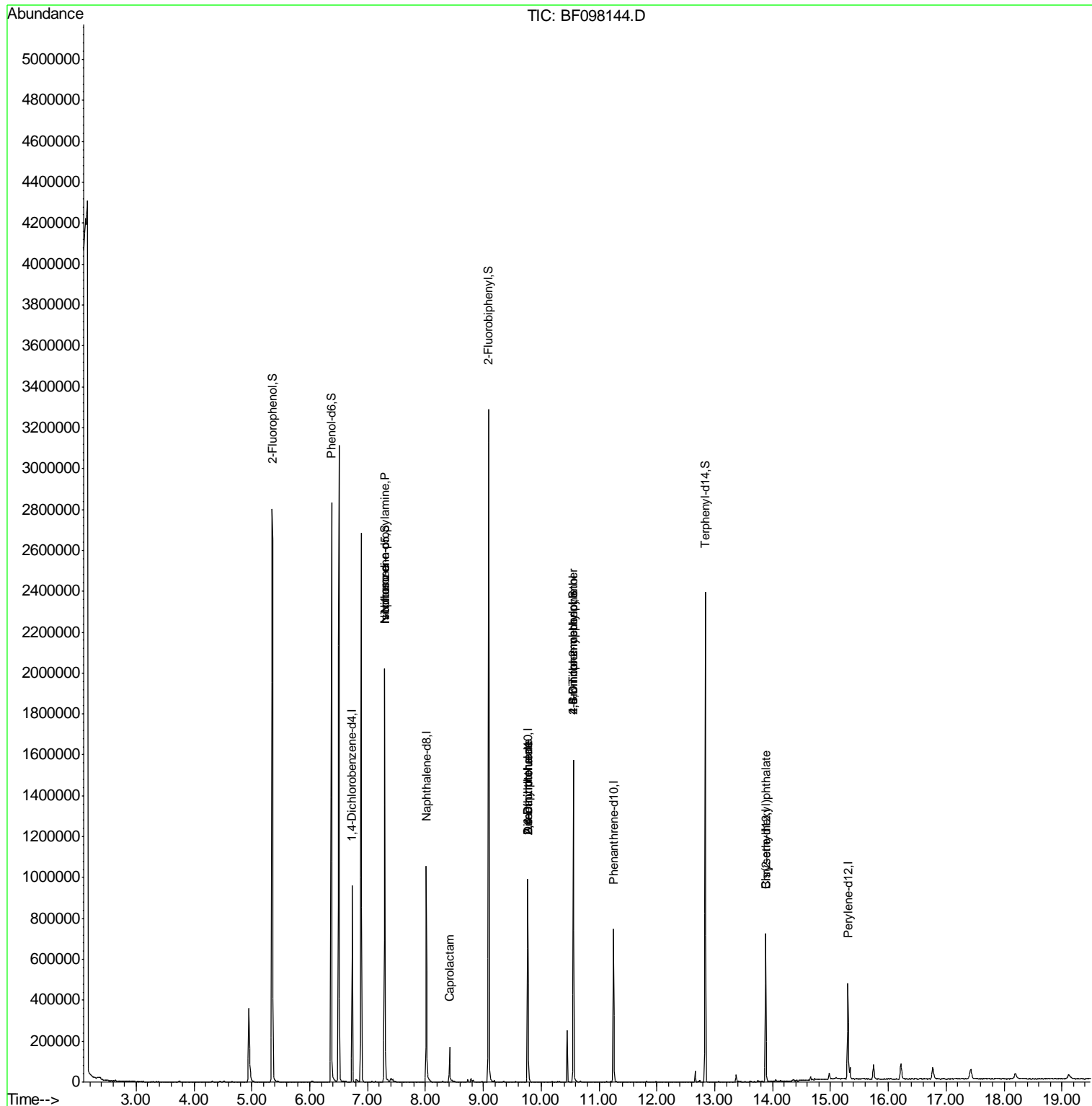
						Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	108762	14.335	ng	# 72
25) Isophorone	7.30	82	814840	45.050	ng	# 67
35) Caprolactam	8.42	113	18651	8.761	ng	99
49) Dimethylphthalate	9.77	163	47131	3.587	ng	# 1
50) 2,6-Dinitrotoluene	9.77	165	22547	8.596	ng	# 33
56) 2,4-Dinitrotoluene	9.77	165	22547	6.850	ng	# 32
64) 4,6-Dinitro-2-methylphenol	10.55	198	283	8.512	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	11491	4.266	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.87	149	62798	7.404	ng	# 99

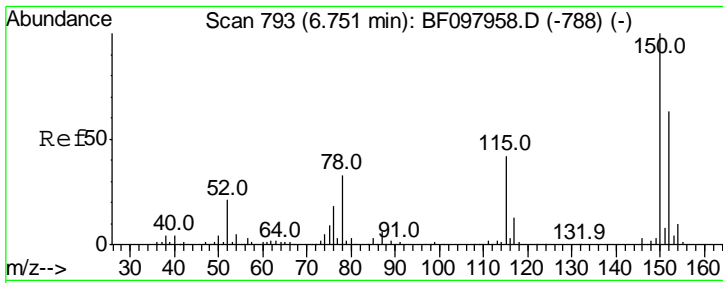
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\  
 Data File : BF098144.D  
 Acq On : 30 Aug 2017 8:02  
 Operator : SJ/JU  
 Sample : I4989-03  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Aug 30 08:40:46 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 21 15:59:04 2017  
 Response via : Initial Calibration



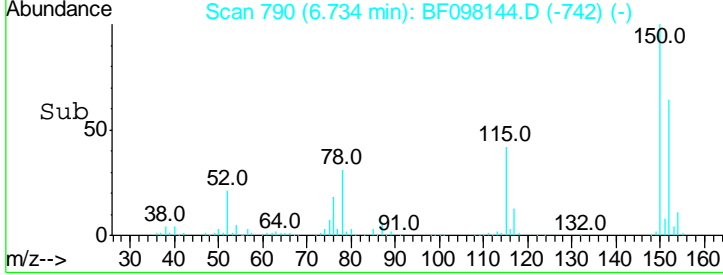
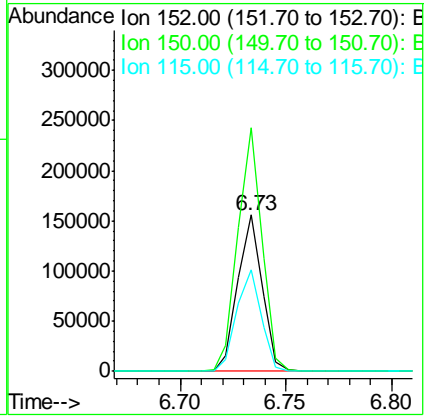
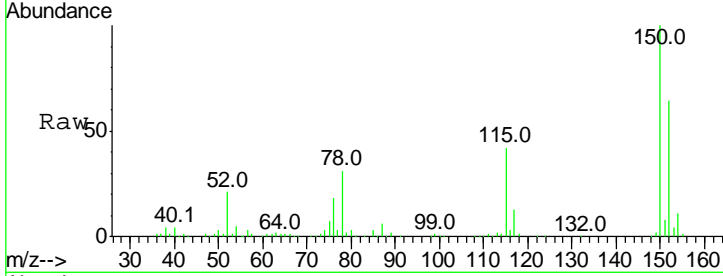


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.73 min Scan# 790  
 Delta R.T. -0.02 min  
 Lab File: BF098144.D  
 Acq: 30 Aug 2017 8:02

Instrument :  
 BNA\_F  
 ClientSampled :

Tgt Ion:152 Resp: 124074

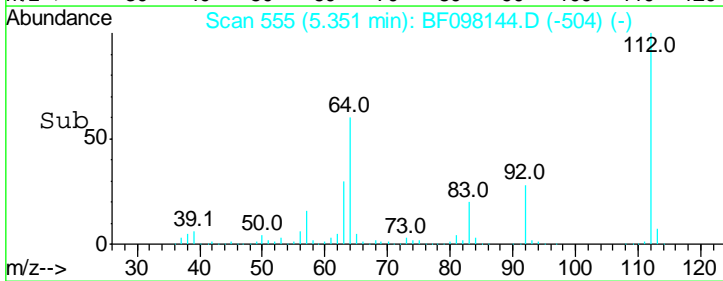
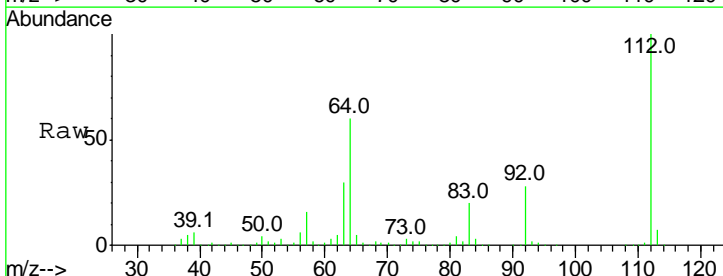
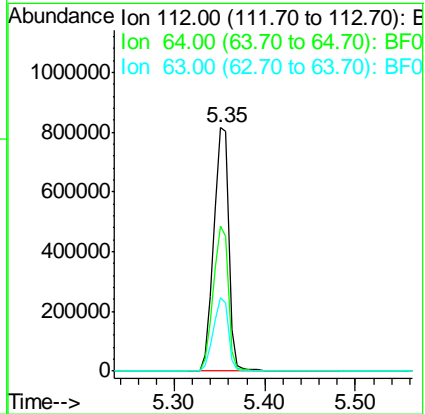
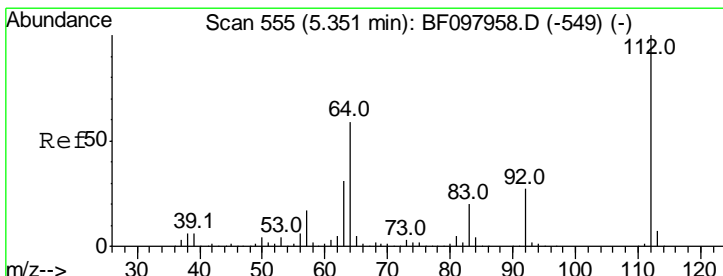
Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.2	189.2
115	64.9	52.2	78.2

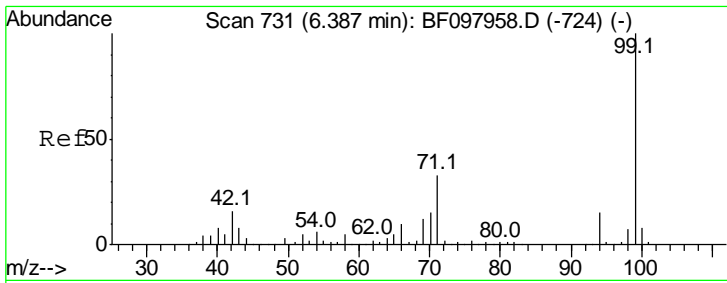


#5  
 2-Fluorophenol  
 Concen: 115.643 ng  
 RT: 5.35 min Scan# 555  
 Delta R.T. -0.00 min  
 Lab File: BF098144.D  
 Acq: 30 Aug 2017 8:02

Tgt Ion:112 Resp: 943303

Ion	Ratio	Lower	Upper
112	100		
64	59.8	46.0	69.0
63	30.4	23.4	35.0

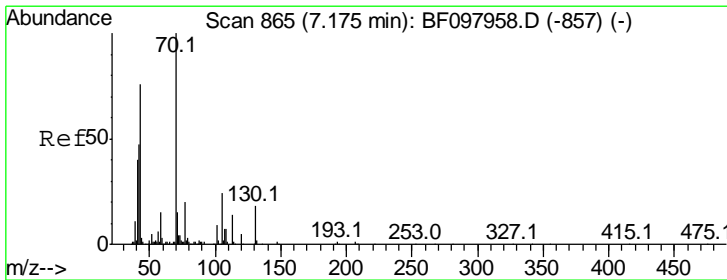
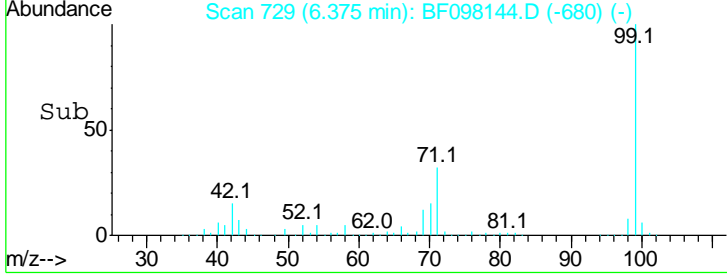
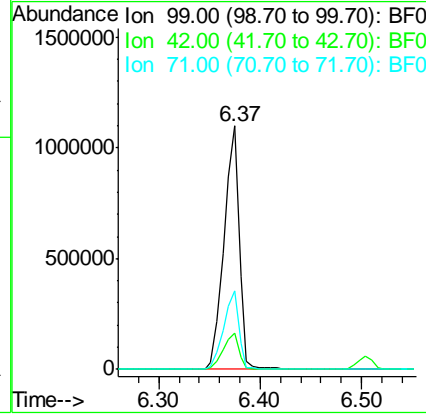
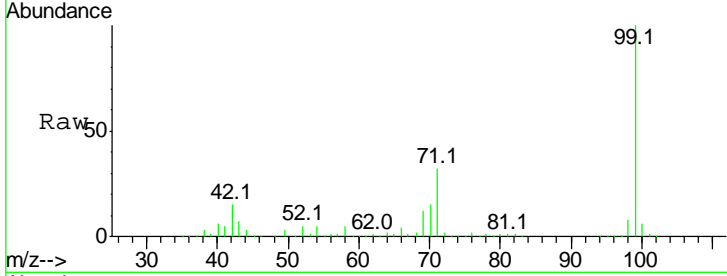




#7  
 Phenol-d6  
 Concen: 103.758 ng  
 RT: 6.37 min Scan# 729  
 Delta R.T. -0.01 min  
 Lab File: BF098144.D  
 Acq: 30 Aug 2017 8:02

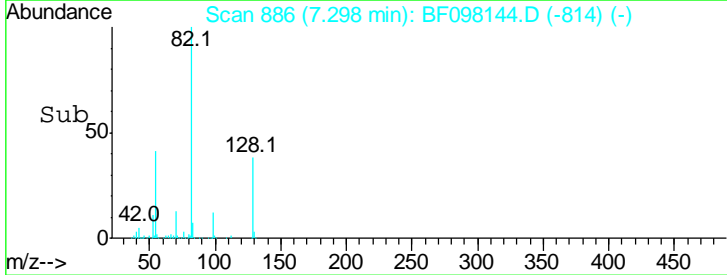
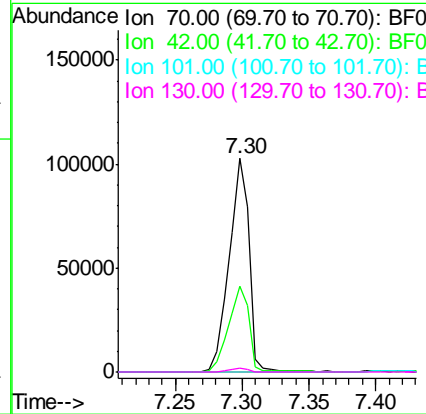
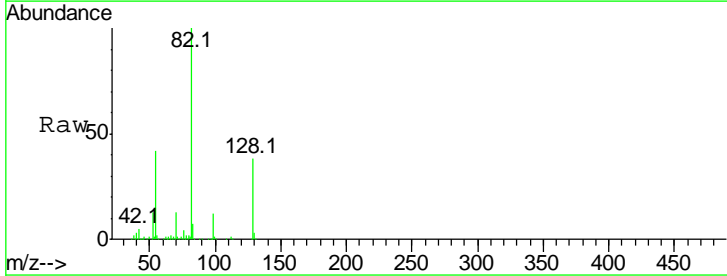
Instrument :  
 BNA\_F  
 ClientSampled :

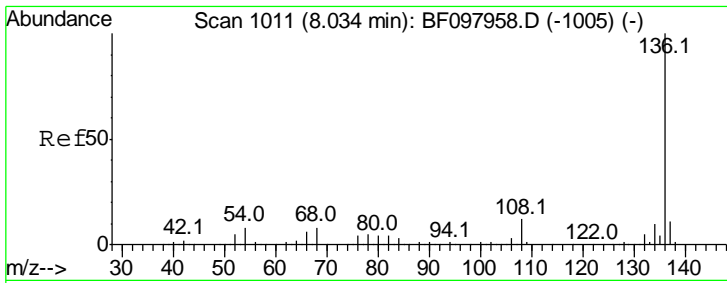
Tgt Ion	Resp	Lower	Upper
99	1149950		
Ion Ratio			
99	100		
42	14.7	13.5	20.3
71	32.2	24.5	36.7



#19  
 n-Nitroso-di-n-propylamine  
 Concen: 14.335 ng  
 RT: 7.30 min Scan# 886  
 Delta R.T. 0.12 min  
 Lab File: BF098144.D  
 Acq: 30 Aug 2017 8:02

Tgt Ion	Resp	Lower	Upper
70	108762		
Ion Ratio			
70	100		
42	40.1	47.2	70.8#
101	0.0	7.2	10.8#
130	1.8	15.9	23.9#

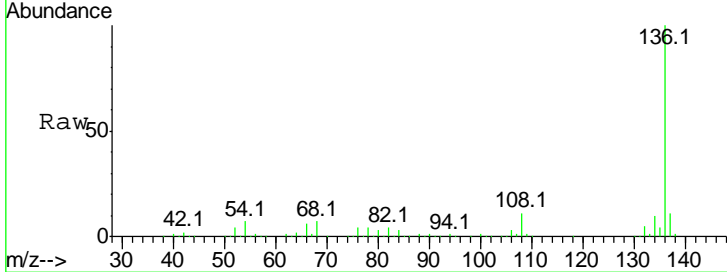




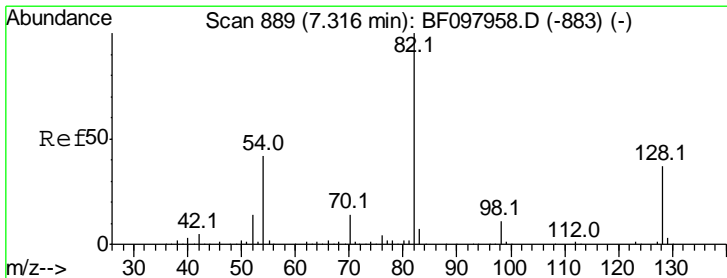
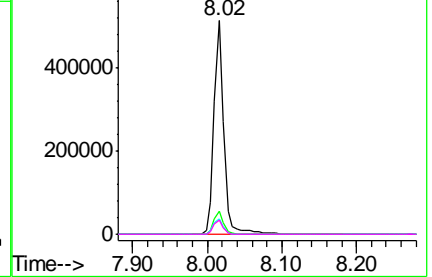
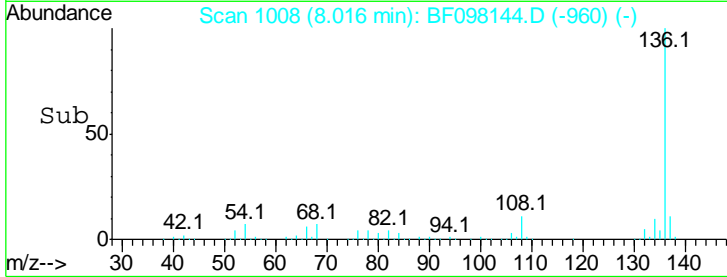
#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 8.02 min Scan# 1008  
 Delta R.T. -0.02 min  
 Lab File: BF098144.D  
 Acq: 30 Aug 2017 8:02

Instrument :  
 BNA\_F  
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.3	4.9	7.3
68	6.9	4.1	6.1#

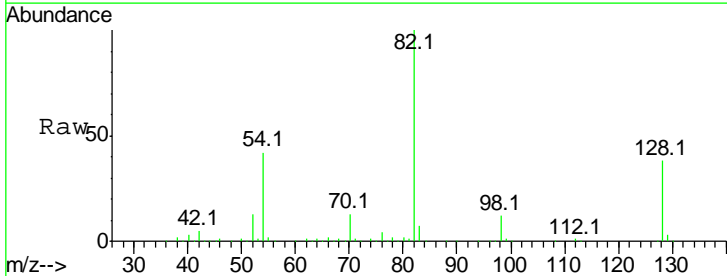


Abundance Ion 136.00 (135.70 to 136.70): E  
 Ion 137.00 (136.70 to 137.70): E  
 Ion 54.00 (53.70 to 54.70): BF0  
 Ion 68.00 (67.70 to 68.70): BF0

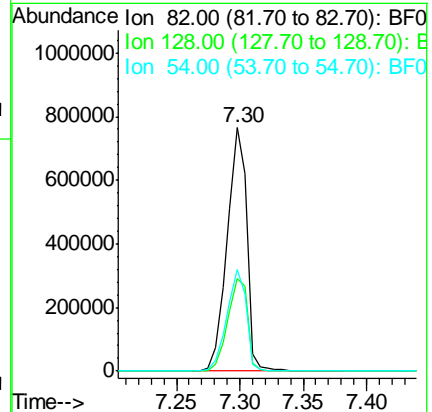
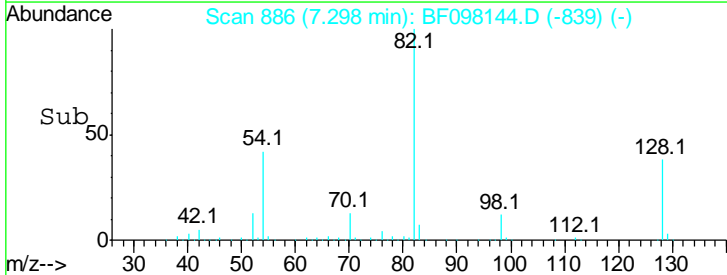


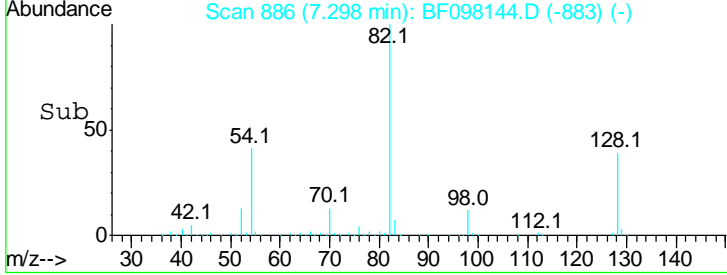
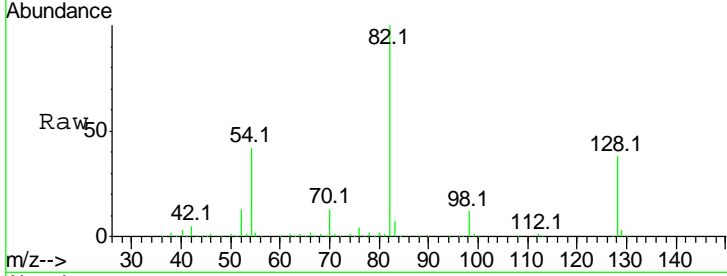
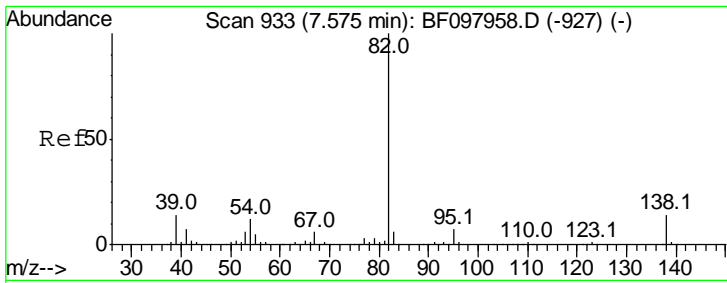
#23  
 Nitrobenzene-d5  
 Concen: 95.027 ng  
 RT: 7.30 min Scan# 886  
 Delta R.T. -0.02 min  
 Lab File: BF098144.D  
 Acq: 30 Aug 2017 8:02

Tgt Ion	Resp	Lower	Upper
82	100		
128	38.1	34.0	51.0
54	41.5	42.2	63.2#



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

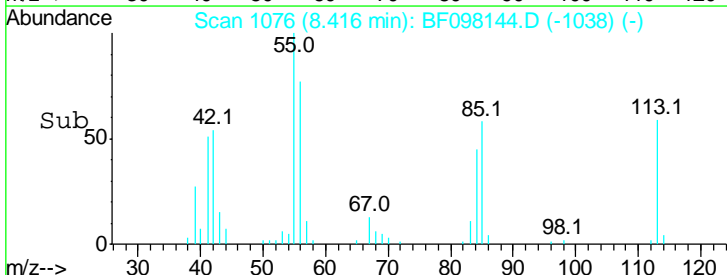
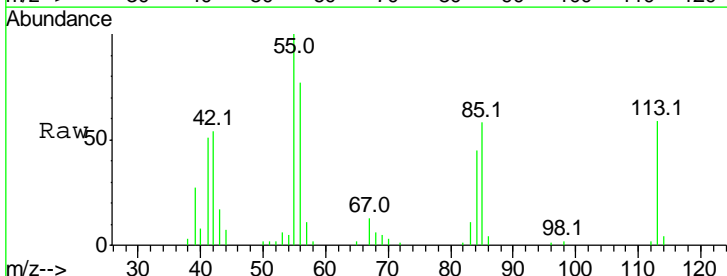
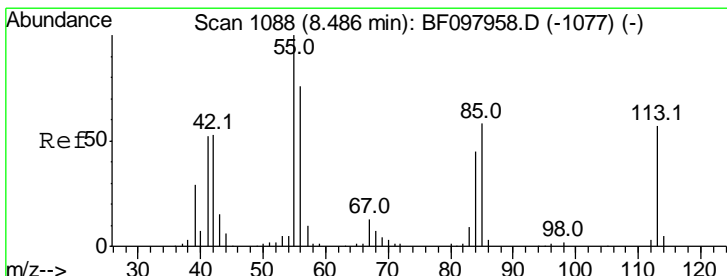
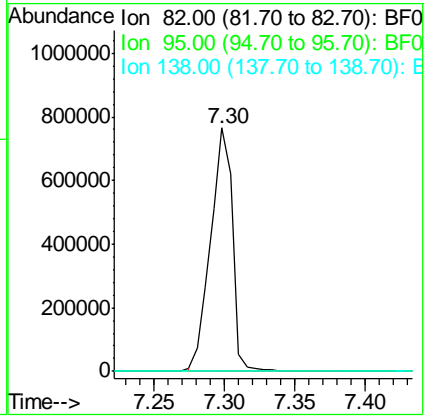




#25  
 Isophorone  
 Concen: 45.050 ng  
 RT: 7.30 min Scan# 886  
 Delta R.T. -0.28 min  
 Lab File: BF098144.D  
 Acq: 30 Aug 2017 8:02

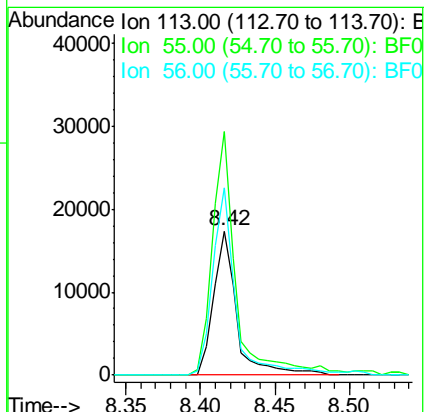
Instrument :  
 BNA\_F  
 ClientSampleId :

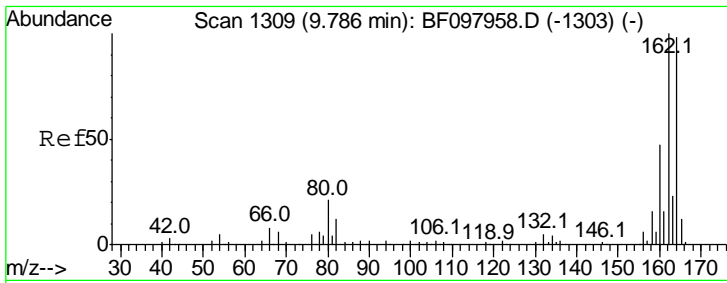
Tgt Ion	Resp	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



#35  
 Caprolactam  
 Concen: 8.761 ng  
 RT: 8.42 min Scan# 1076  
 Delta R.T. -0.08 min  
 Lab File: BF098144.D  
 Acq: 30 Aug 2017 8:02

Tgt Ion	Resp	Lower	Upper
113	100		
55	169.3	150.2	190.2
56	130.1	107.8	147.8

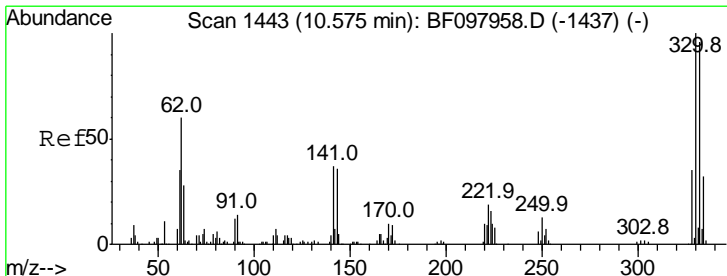
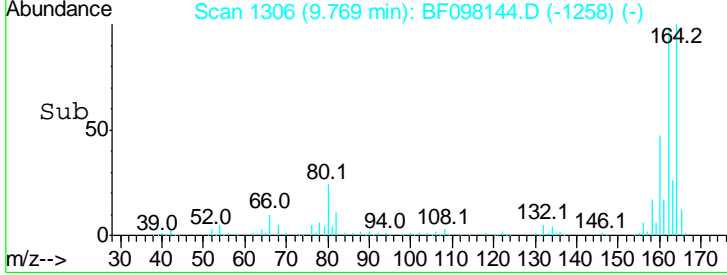
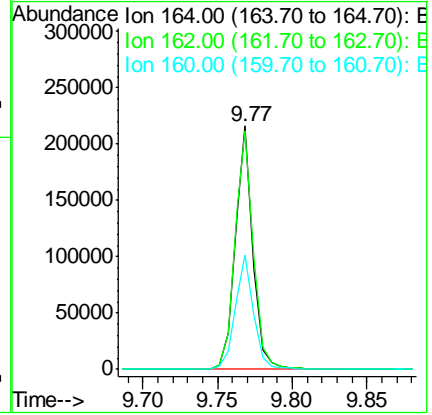
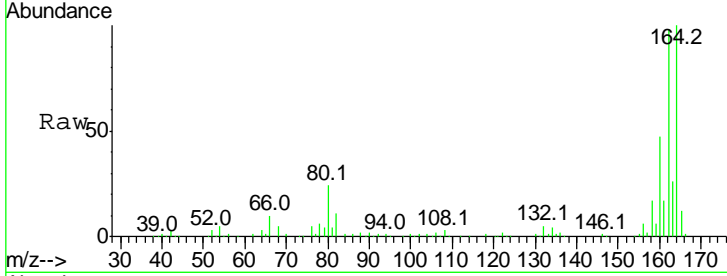




#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.77 min Scan# 1306  
 Delta R.T. -0.02 min  
 Lab File: BF098144.D  
 Acq: 30 Aug 2017 8:02

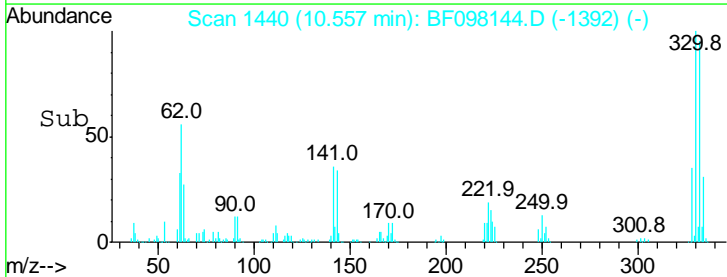
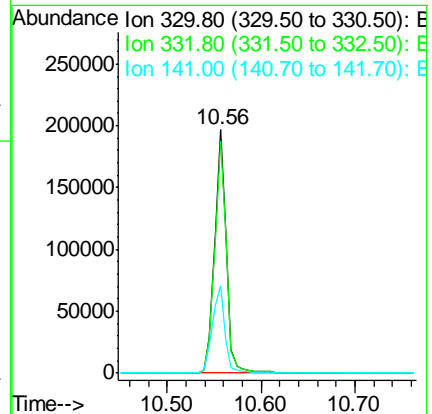
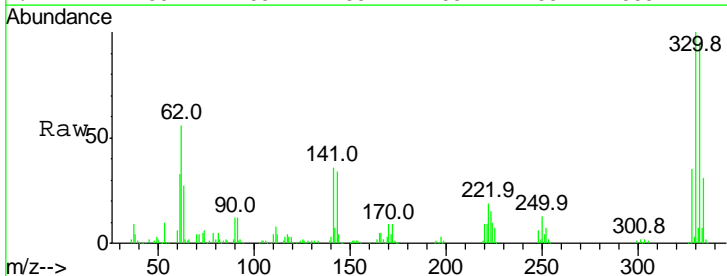
Instrument :  
 BNA\_F  
 ClientSampled :

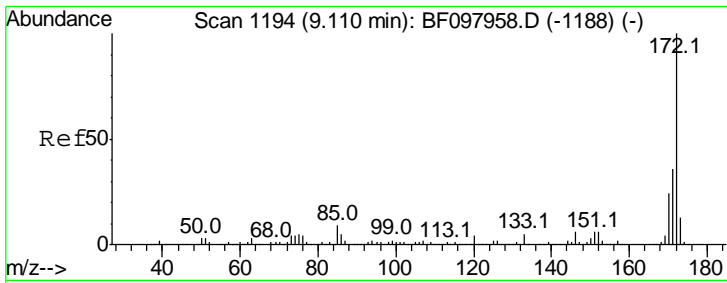
Tgt Ion	Resp	Lower	Upper
164	100		
162	97.7	82.6	123.8
160	46.9	36.2	54.2



#41  
 2,4,6-Tribromophenol  
 Concen: 112.550 ng  
 RT: 10.56 min Scan# 1440  
 Delta R.T. -0.02 min  
 Lab File: BF098144.D  
 Acq: 30 Aug 2017 8:02

Tgt Ion	Resp	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	38.1	31.4	47.2



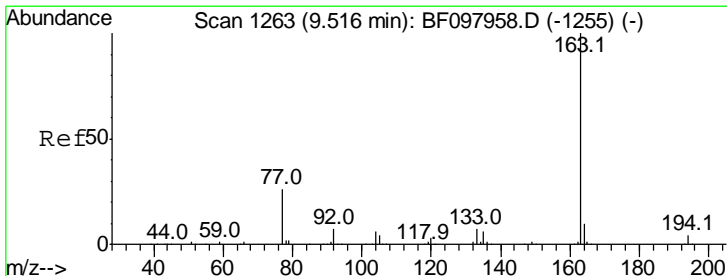
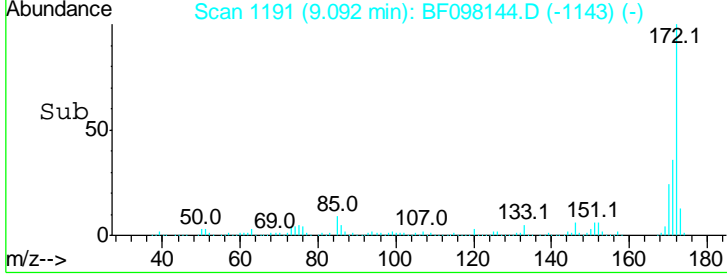
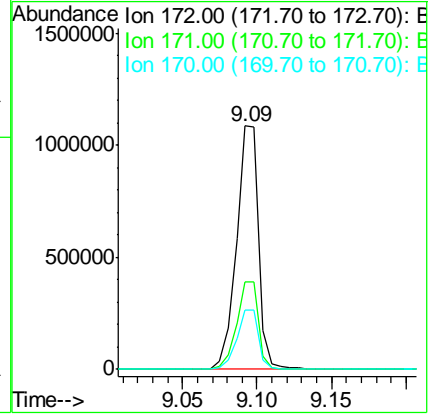
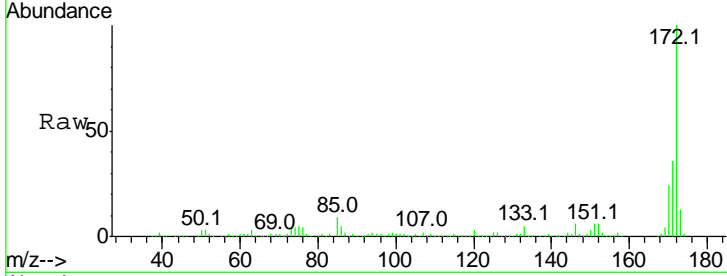


#44  
 2-Fluorobiphenyl  
 Concen: 92.826 ng  
 RT: 9.09 min Scan# 1191  
 Delta R.T. -0.02 min  
 Lab File: BF098144.D  
 Acq: 30 Aug 2017 8:02

Instrument :  
 BNA\_F  
 ClientSampled :

Tgt Ion:172 Resp: 1135740

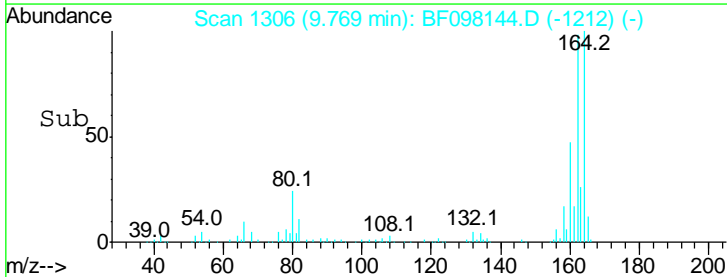
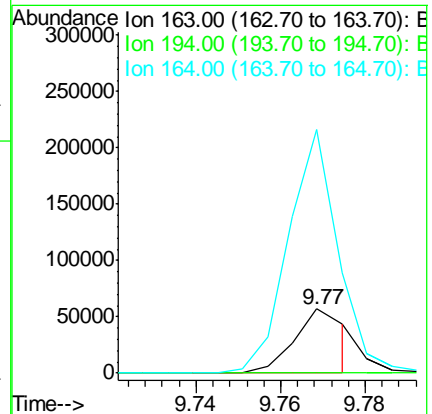
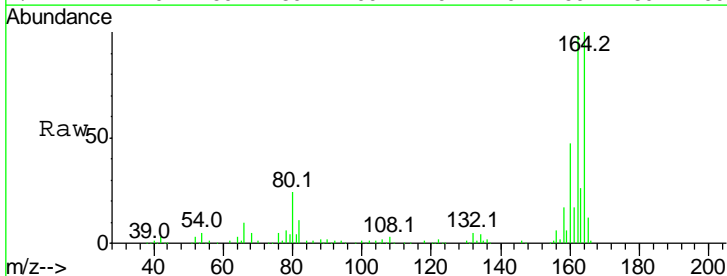
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.2	19.8	29.8



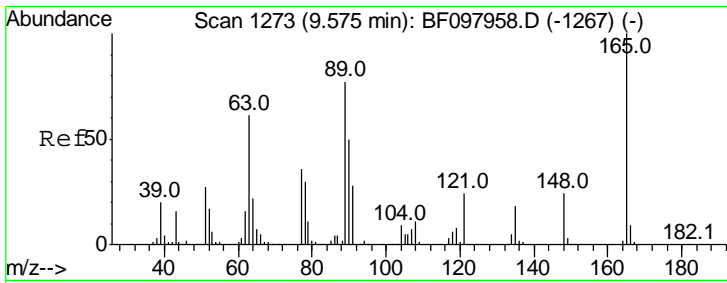
#49  
 Dimethylphthalate  
 Concen: 3.587 ng  
 RT: 9.77 min Scan# 1306  
 Delta R.T. 0.25 min  
 Lab File: BF098144.D  
 Acq: 30 Aug 2017 8:02

Tgt Ion:163 Resp: 47131

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.6	4.0#
164	379.9	8.4	12.6#



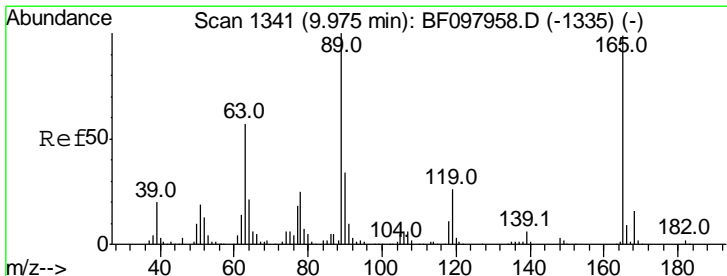
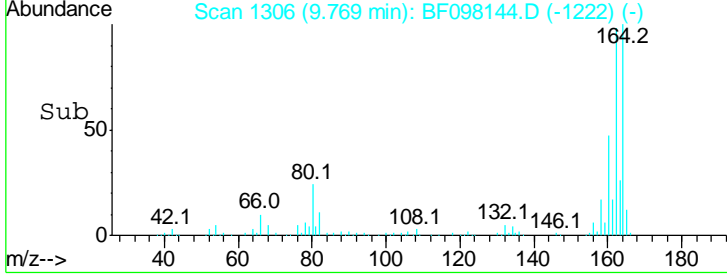
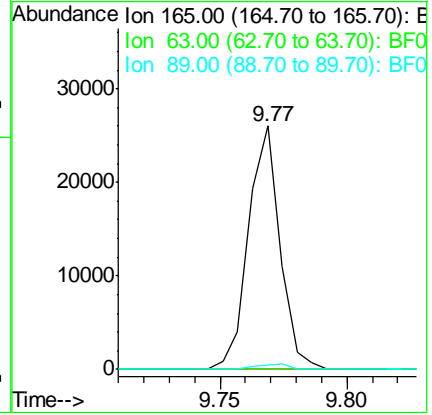
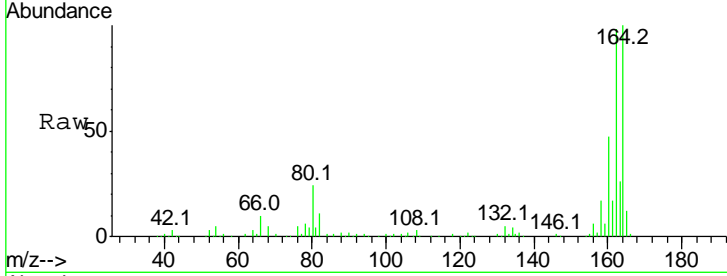




#50  
 2,6-Dinitrotoluene  
 Concen: 8.596 ng  
 RT: 9.77 min Scan# 1306  
 Delta R.T. 0.19 min  
 Lab File: BF098144.D  
 Acq: 30 Aug 2017 8:02

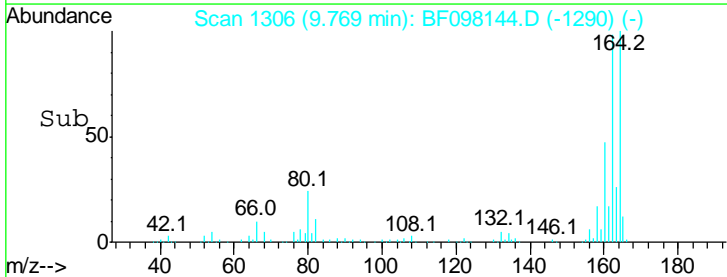
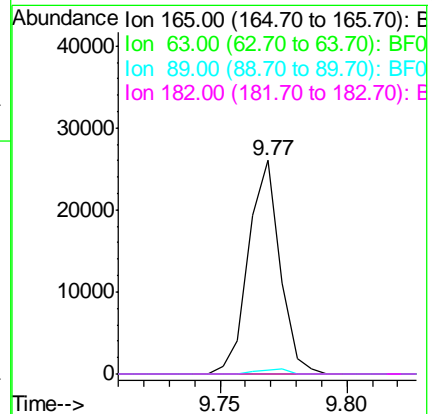
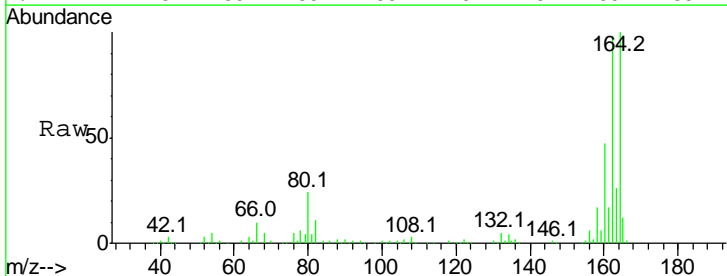
Instrument :  
 BNA\_F  
 ClientSampled :

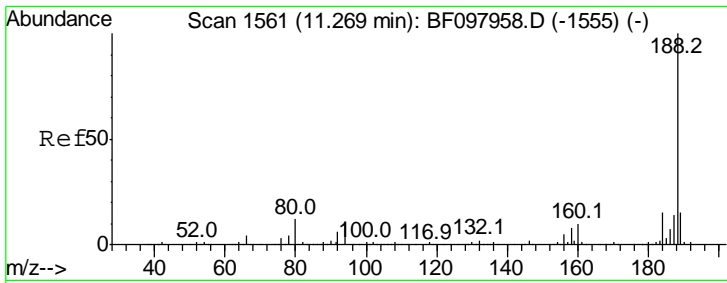
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	1.5	37.1	55.7#



#56  
 2,4-Dinitrotoluene  
 Concen: 6.850 ng  
 RT: 9.77 min Scan# 1306  
 Delta R.T. -0.21 min  
 Lab File: BF098144.D  
 Acq: 30 Aug 2017 8:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#

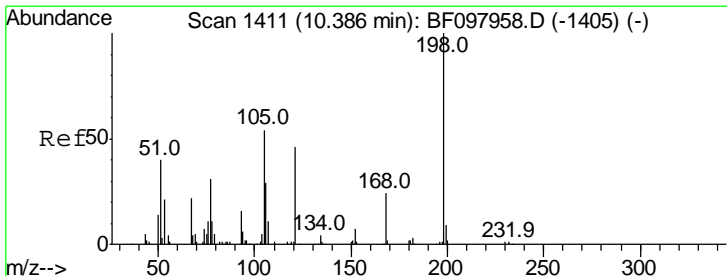
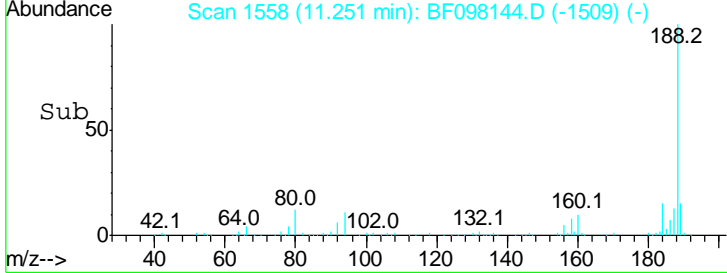
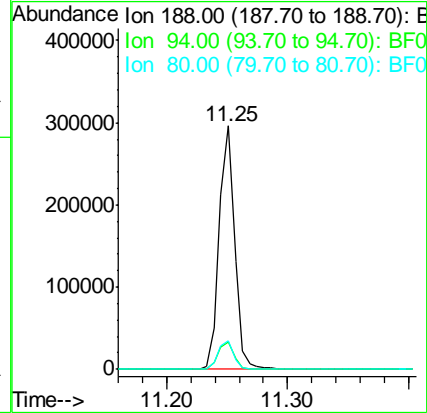
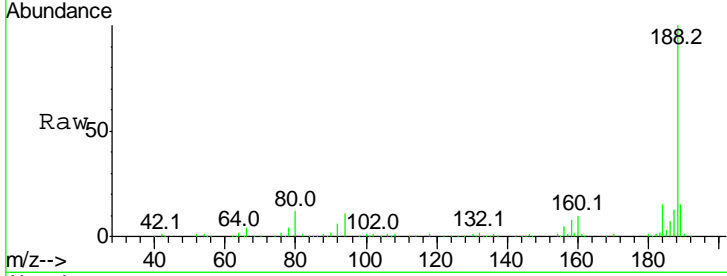




#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.25 min Scan# 1558  
 Delta R.T. -0.01 min  
 Lab File: BF098144.D  
 Acq: 30 Aug 2017 8:02

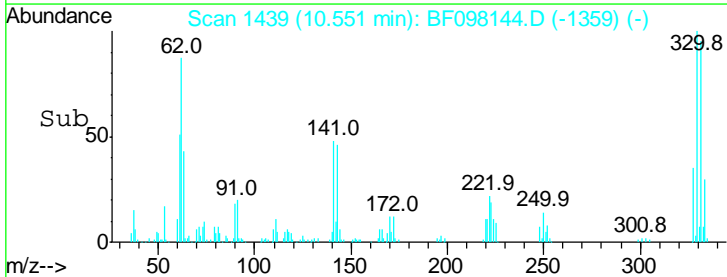
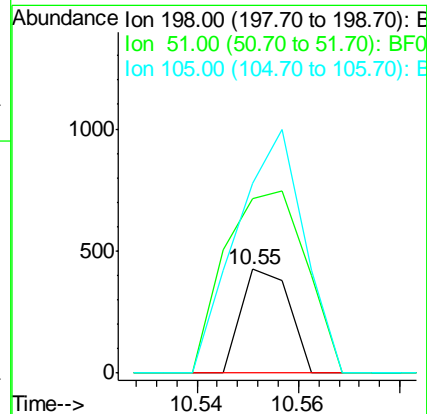
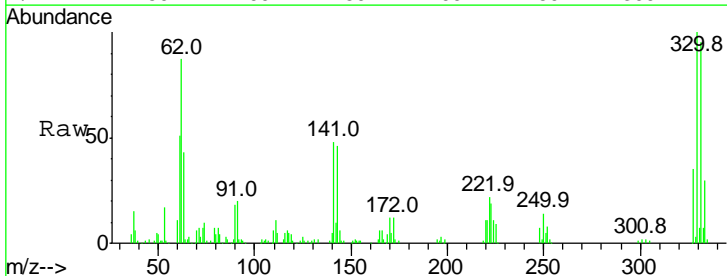
Instrument :  
 BNA\_F  
 ClientSampled :

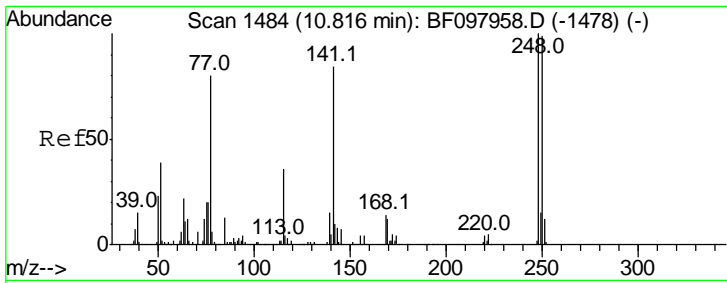
Tgt Ion	Resp	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	11.6	10.2	15.2



#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 8.512 ng  
 RT: 10.55 min Scan# 1439  
 Delta R.T. 0.17 min  
 Lab File: BF098144.D  
 Acq: 30 Aug 2017 8:02

Tgt Ion	Resp	Lower	Upper
198	100		
51	168.4	53.2	93.2#
105	183.0	45.8	85.8#

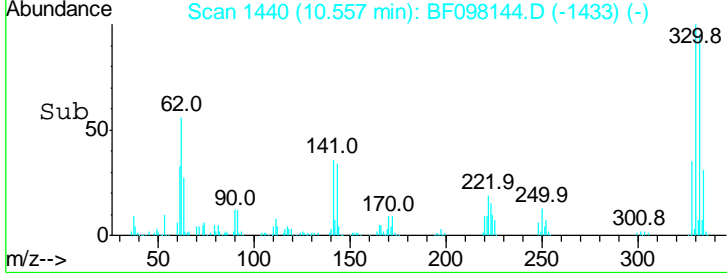
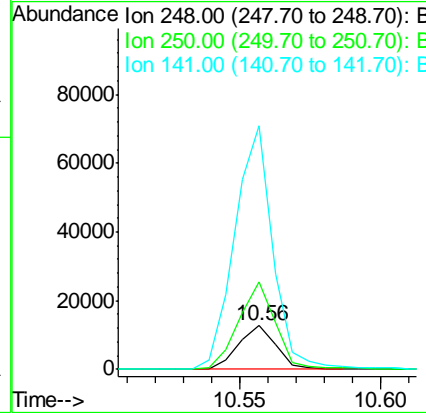
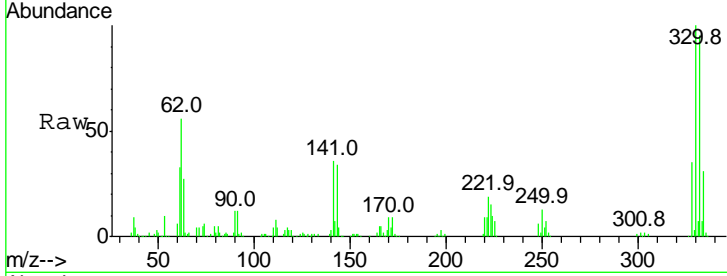




#66  
 4-Bromophenyl-phenylether  
 Concen: 4.266 ng  
 RT: 10.56 min Scan# 1440  
 Delta R.T. -0.26 min  
 Lab File: BF098144.D  
 Acq: 30 Aug 2017 8:02

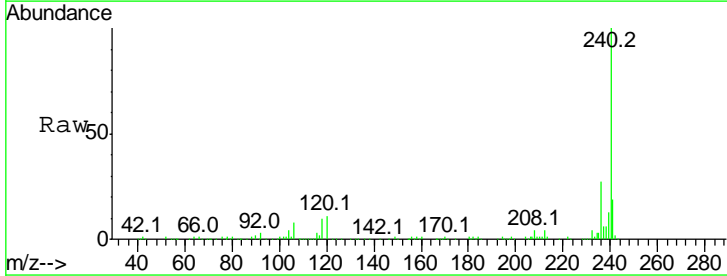
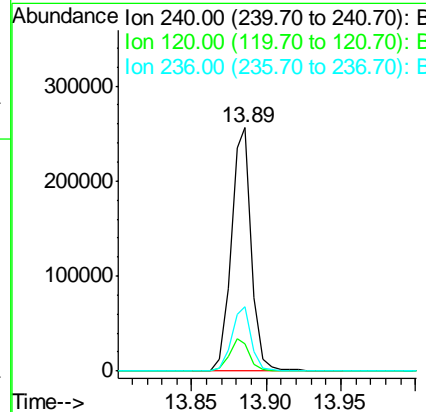
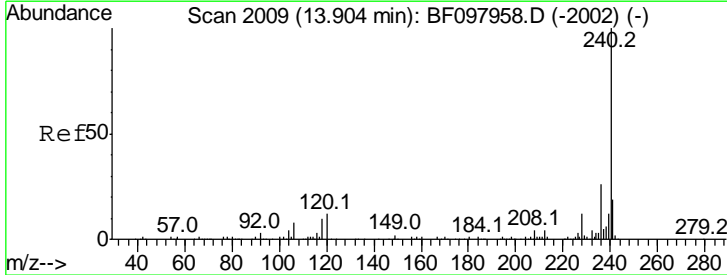
Instrument :  
 BNA\_F  
 ClientSampled :

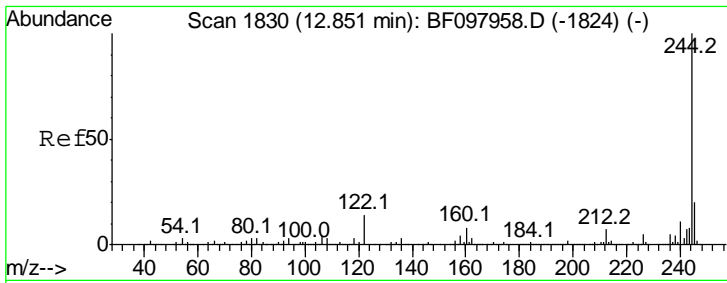
Tgt Ion	Resp	Lower	Upper
248	100		
250	200.9	76.8	115.2#
141	561.1	68.6	103.0#



#75  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.89 min Scan# 2006  
 Delta R.T. -0.01 min  
 Lab File: BF098144.D  
 Acq: 30 Aug 2017 8:02

Tgt Ion	Resp	Lower	Upper
240	100		
120	11.4	5.8	8.8#
236	26.7	20.5	30.7

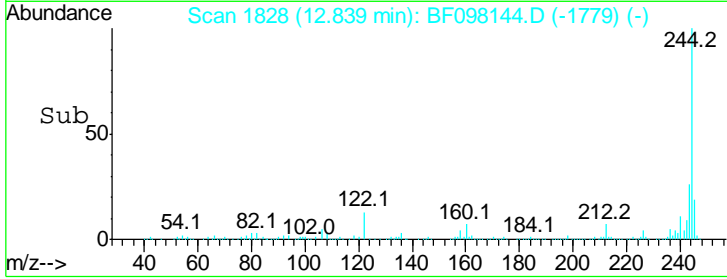
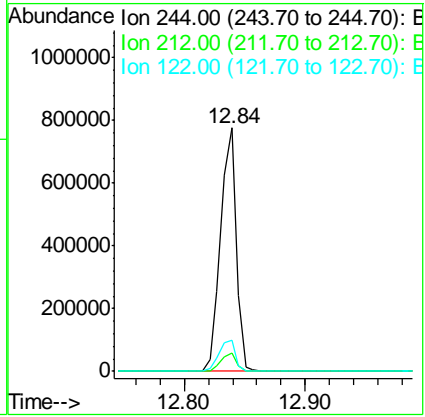
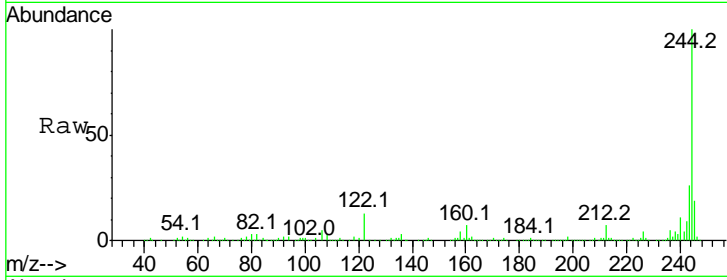




#78  
 Terphenyl-d14  
 Concen: 59.435 ng  
 RT: 12.84 min Scan# 1828  
 Delta R.T. -0.01 min  
 Lab File: BF098144.D  
 Acq: 30 Aug 2017 8:02

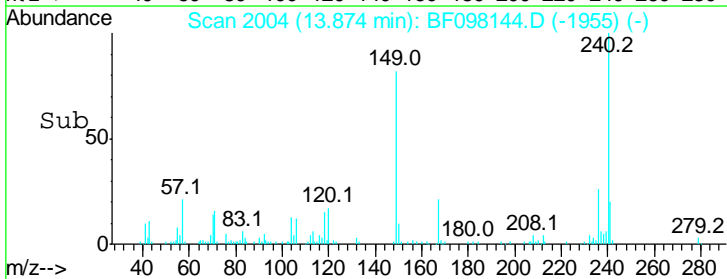
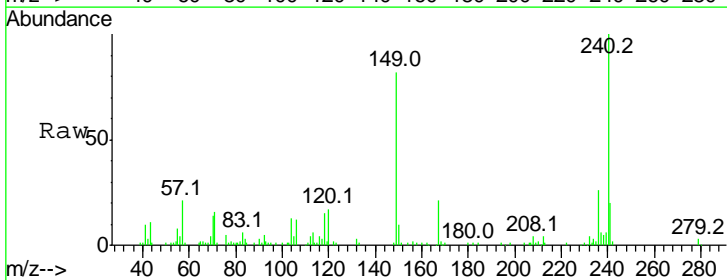
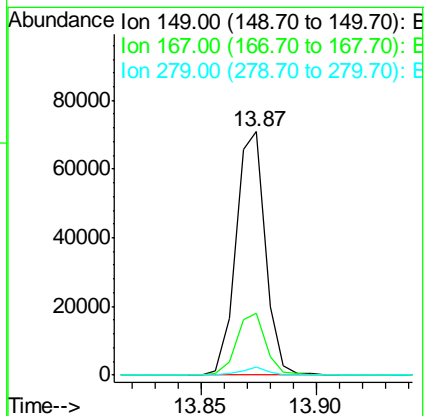
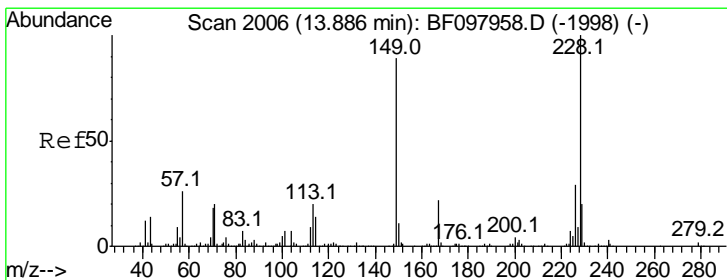
Instrument :  
 BNA\_F  
 ClientSampled :

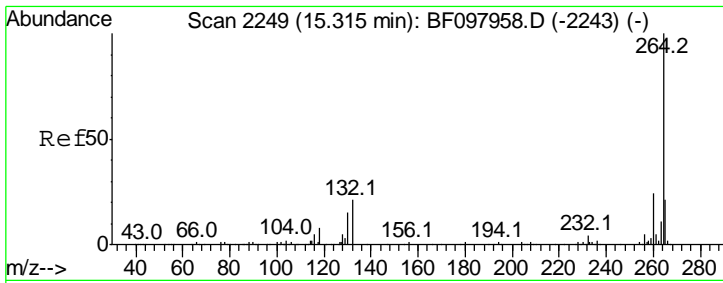
Tgt Ion	Resp	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	12.7	10.3	15.5



#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 7.404 ng  
 RT: 13.87 min Scan# 2004  
 Delta R.T. -0.01 min  
 Lab File: BF098144.D  
 Acq: 30 Aug 2017 8:02

Tgt Ion	Resp	Lower	Upper
149	100		
167	25.5	21.0	31.4
279	3.6	1.9	2.9#





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.30 min Scan# 2247  
 Delta R.T. -0.01 min  
 Lab File: BF098144.D  
 Acq: 30 Aug 2017 8:02

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
209648	264	100		
	260	23.4	19.5	29.3
	265	20.8	17.2	25.8

