

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062717\  
 Data File : BF096224.D  
 Acq On : 27 Jun 2017 18:57  
 Operator : SJ/MA  
 Sample : I3868-10 5X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jun 27 19:26:46 2017  
 Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF062717.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 27 15:17:15 2017  
 Response via : Initial Calibration

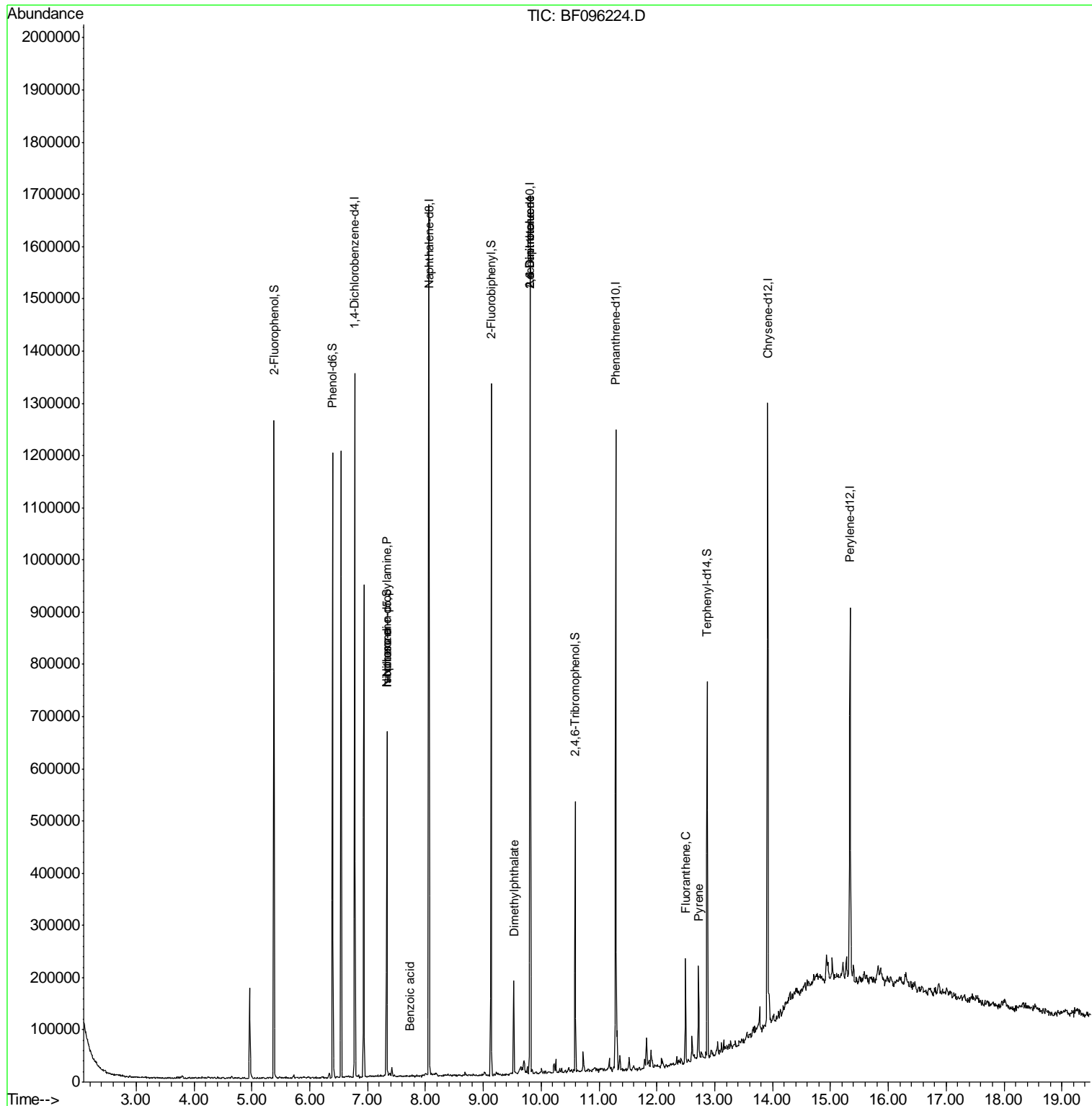
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	188754	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	753682	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	301002	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	416296	20.00	ng	0.00
75) Chrysene-d12	13.92	240	339399	20.00	ng	0.00
86) Perylene-d12	15.34	264	298283	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	302881	23.12	ng	0.00
7) Phenol-d6	6.40	99	371056	23.39	ng	0.00
23) Nitrobenzene-d5	7.33	82	188221	17.29	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	47496	20.05	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	345701	21.03	ng	-0.02
78) Terphenyl-d14	12.87	244	189568	13.94	ng	0.00
Target Compounds						
9) Benzaldehyde	6.39	77	645	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.33	70	25011	2.63	ng	# 85
25) Isophorone	7.33	82	188052	7.61	ng	# 67
32) Benzoic acid	7.73	122	152	8.80	ng	# 83
49) Dimethylphthalate	9.53	163	68292	3.17	ng	99
50) 2,6-Dinitrotoluene	9.81	165	37540	8.38	ng	# 34
56) 2,4-Dinitrotoluene	9.81	165	37540	6.65	ng	# 33
70) Phenanthrene	11.31	178	37052	Below Cal		99
74) Fluoranthene	12.49	202	70364	3.04	ng	94
77) Pyrene	12.72	202	60684	2.18	ng	97

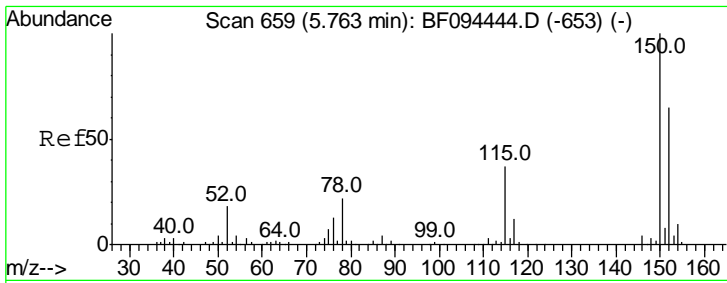
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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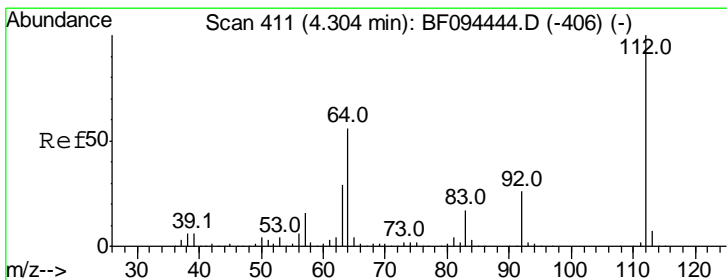
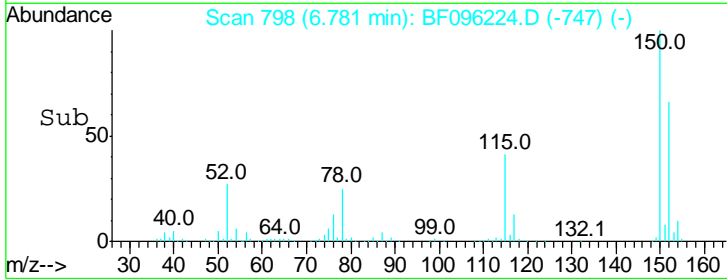
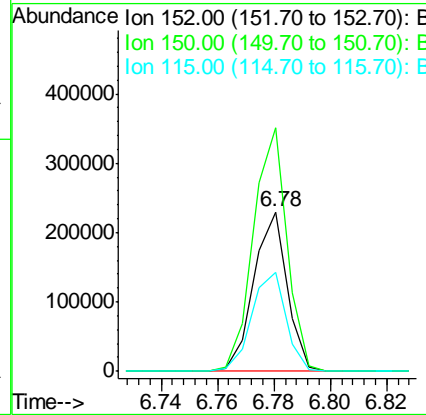
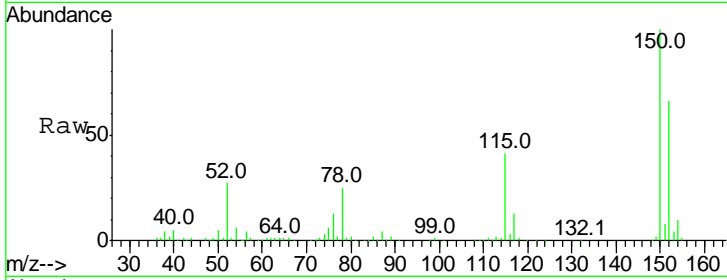




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.78 min Scan# 798  
 Delta R.T. -0.00 min  
 Lab File: BF096224.D  
 Acq: 27 Jun 2017 18:57

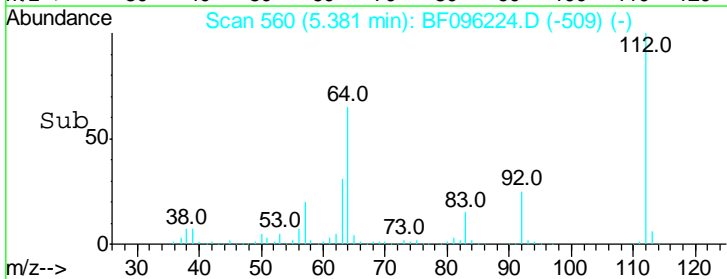
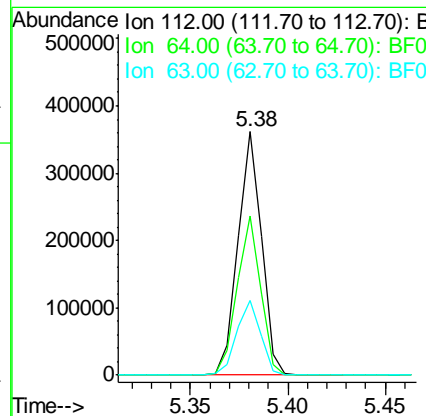
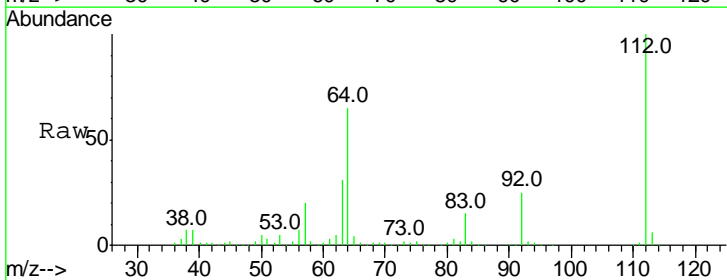
Instrument :  
 BNA\_F  
 ClientSampled :

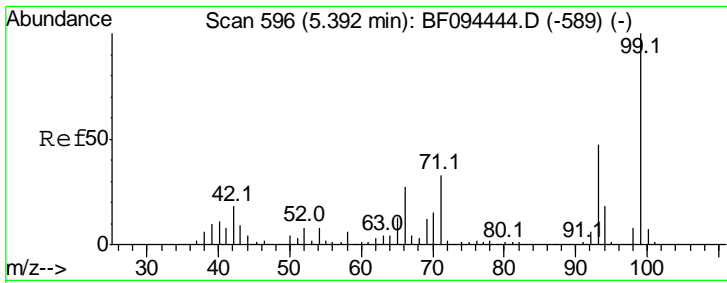
Tgt Ion	Resp	Lower	Upper
152	188754		
152	100		
150	152.5	126.2	189.2
115	62.3	52.2	78.2



#5  
 2-Fluorophenol  
 Concen: 23.12 ng  
 RT: 5.38 min Scan# 560  
 Delta R.T. 0.00 min  
 Lab File: BF096224.D  
 Acq: 27 Jun 2017 18:57

Tgt Ion	Resp	Lower	Upper
112	302881		
112	100		
64	65.4	46.0	69.0
63	30.7	23.4	35.0

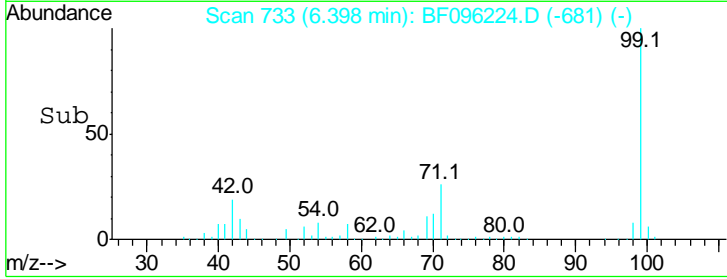
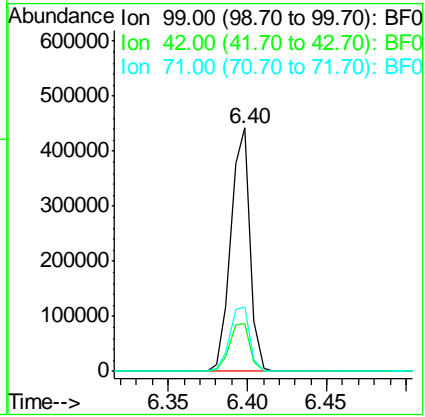
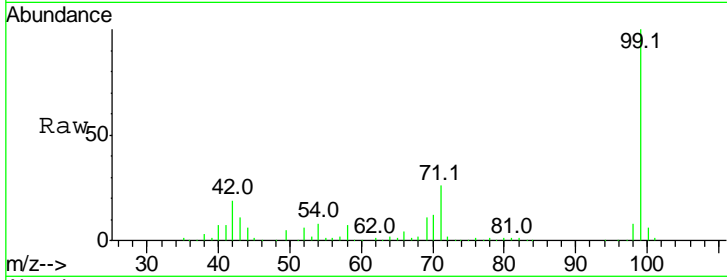




#7  
 Phenol-d6  
 Concen: 23.39 ng  
 RT: 6.40 min Scan# 733  
 Delta R.T. 0.01 min  
 Lab File: BF096224.D  
 Acq: 27 Jun 2017 18:57

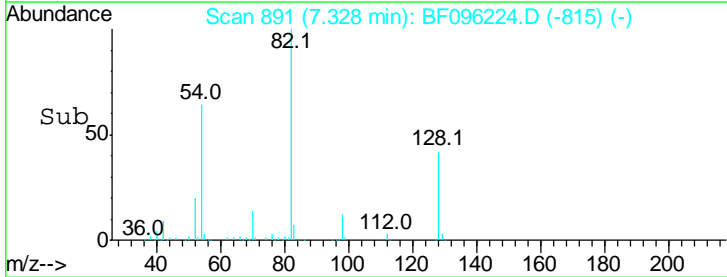
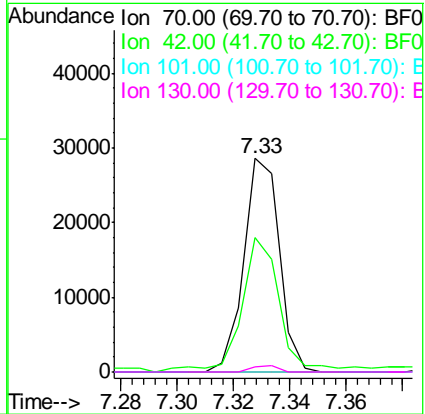
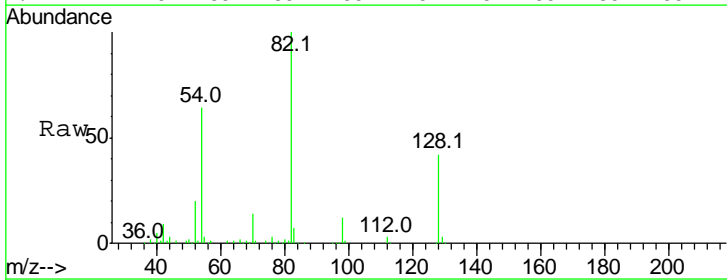
Instrument :  
 BNA\_F  
 ClientSampled :

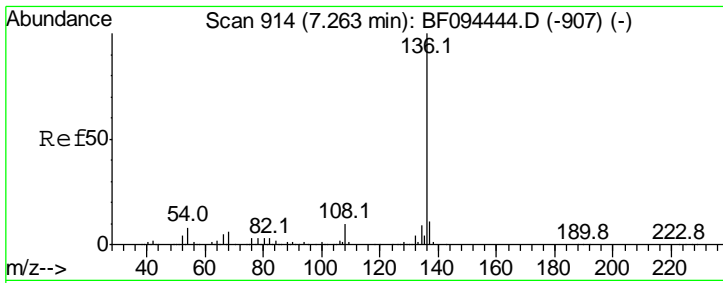
Tgt Ion	Resp	Lower	Upper
99	371056		
99	100		
42	19.4	13.5	20.3
71	26.3	24.5	36.7



#19  
 n-Nitroso-di-n-propylamine  
 Concen: 2.63 ng  
 RT: 7.33 min Scan# 891  
 Delta R.T. 0.15 min  
 Lab File: BF096224.D  
 Acq: 27 Jun 2017 18:57

Tgt Ion	Resp	Lower	Upper
70	25011		
70	100		
42	62.7	47.2	70.8
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#

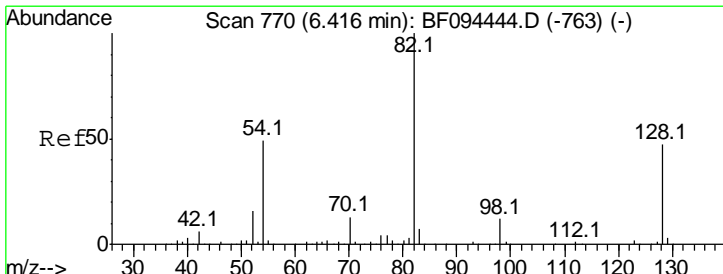
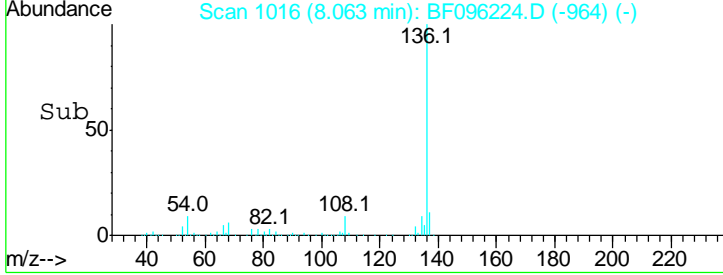
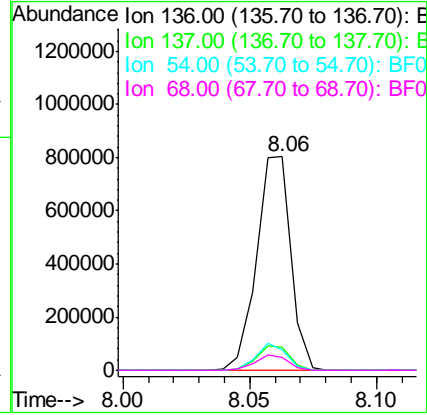
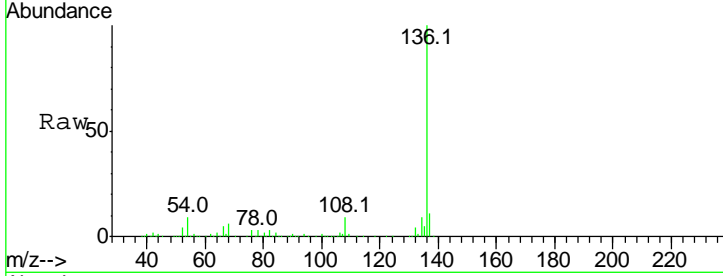




#21  
 Naphthalene-d8  
 Concen: 20.00 ng  
 RT: 8.06 min Scan# 1016  
 Delta R.T. 0.01 min  
 Lab File: BF096224.D  
 Acq: 27 Jun 2017 18:57

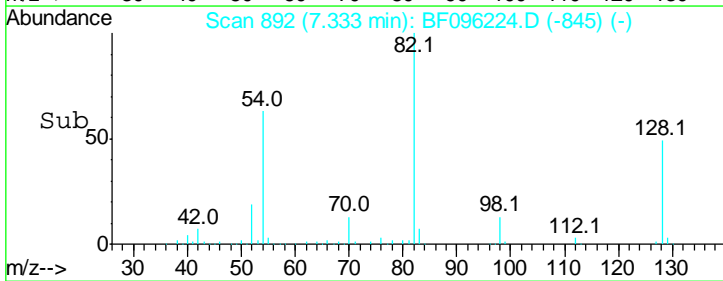
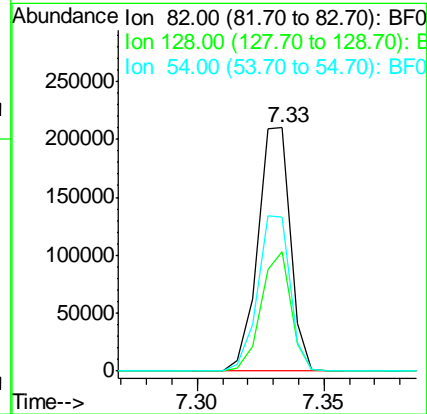
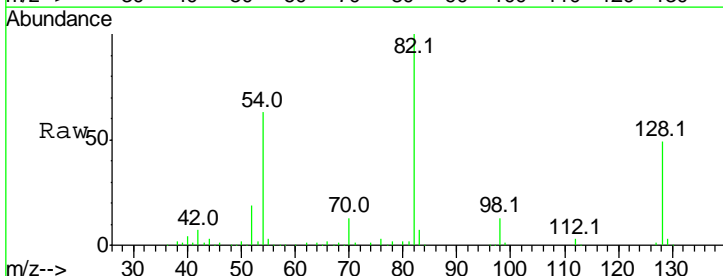
Instrument :  
 BNA\_F  
 ClientSampled :

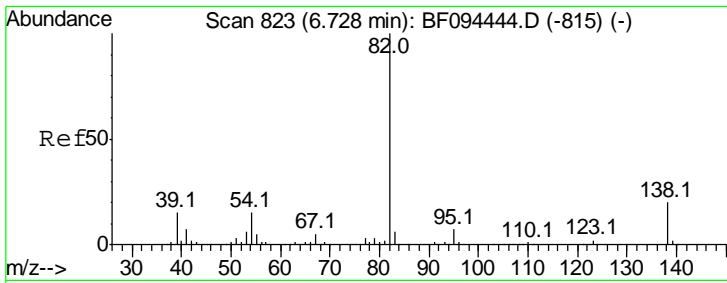
Tgt Ion	Resp	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	9.4	4.9	7.3#
68	5.9	4.1	6.1



#23  
 Nitrobenzene-d5  
 Concen: 17.29 ng  
 RT: 7.33 min Scan# 892  
 Delta R.T. -0.02 min  
 Lab File: BF096224.D  
 Acq: 27 Jun 2017 18:57

Tgt Ion	Resp	Lower	Upper
82	100		
128	49.2	34.0	51.0
54	63.5	42.2	63.2#

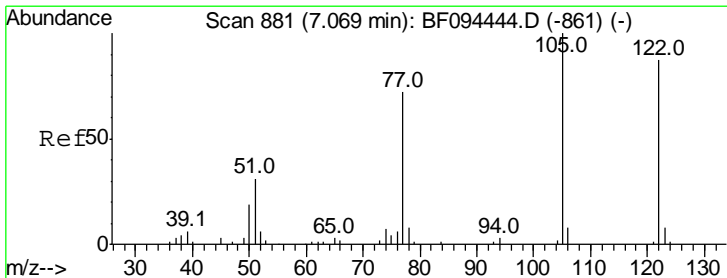
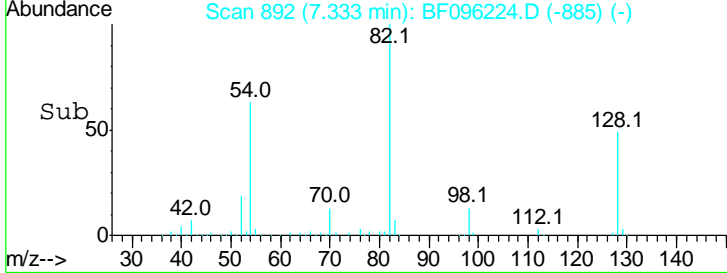
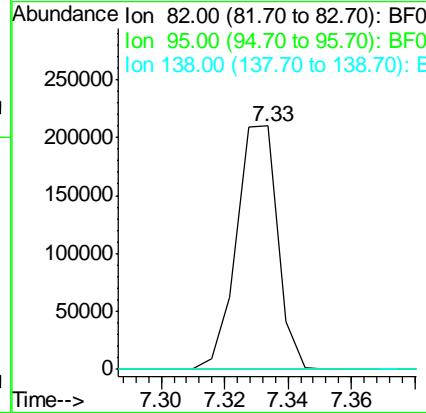
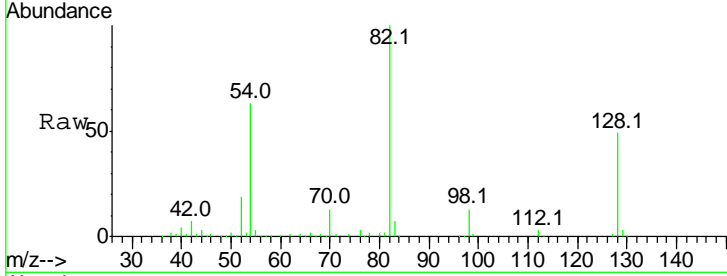




#25  
 Isophorone  
 Concen: 7.61 ng  
 RT: 7.33 min Scan# 892  
 Delta R.T. -0.26 min  
 Lab File: BF096224.D  
 Acq: 27 Jun 2017 18:57

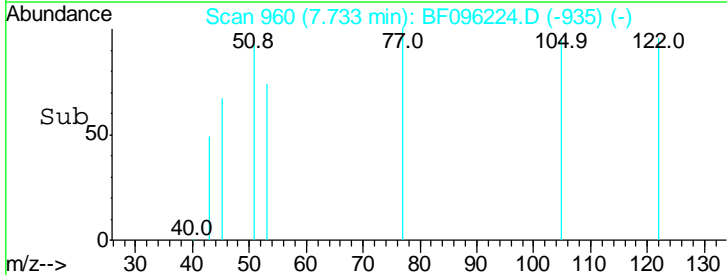
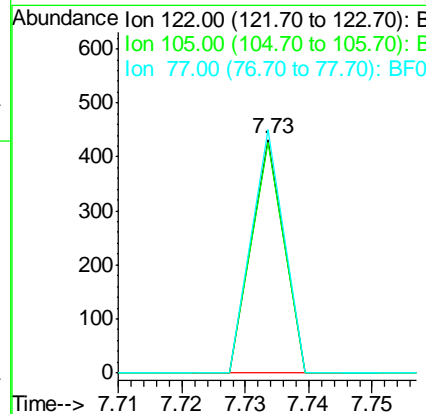
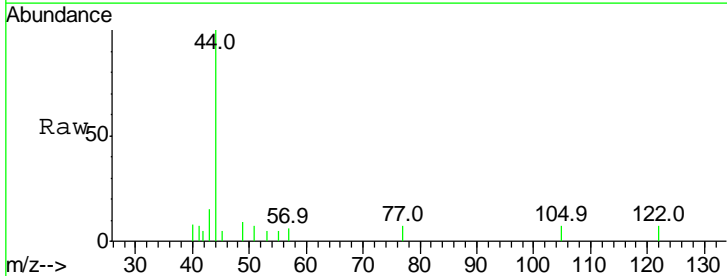
Instrument :  
 BNA\_F  
 ClientSampled :

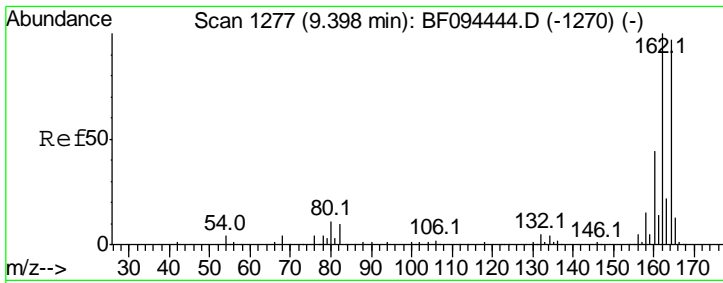
Tgt Ion	Resp	Lower	Upper
82	188052		
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



#32  
 Benzoic acid  
 Concen: 8.80 ng  
 RT: 7.73 min Scan# 960  
 Delta R.T. -0.15 min  
 Lab File: BF096224.D  
 Acq: 27 Jun 2017 18:57

Tgt Ion	Resp	Lower	Upper
122	152		
122	100		
105	99.1	103.3	143.3#
77	104.4	73.7	113.7



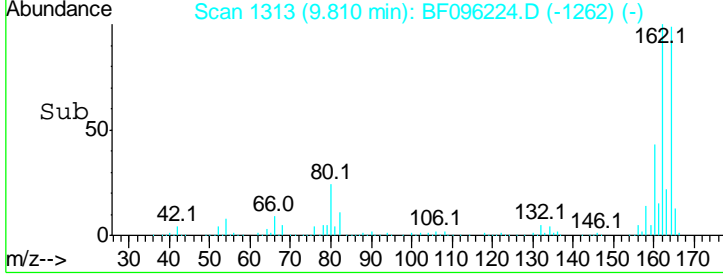
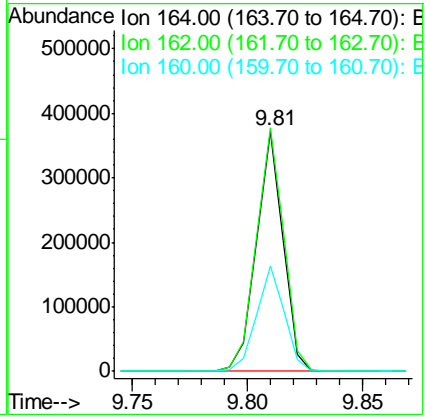
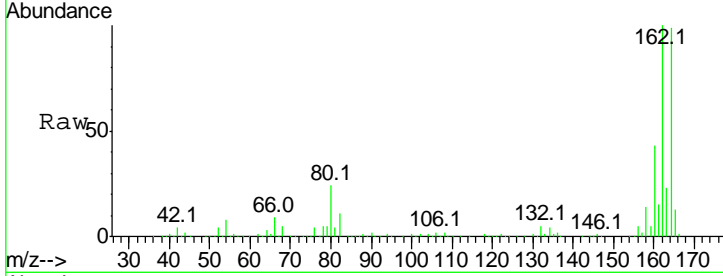


#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.81 min Scan# 1313  
 Delta R.T. -0.00 min  
 Lab File: BF096224.D  
 Acq: 27 Jun 2017 18:57

Instrument :  
 BNA\_F  
 ClientSampled :

Tgt Ion:164 Resp: 301002

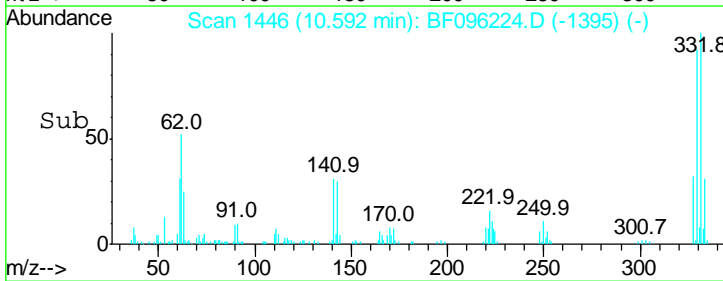
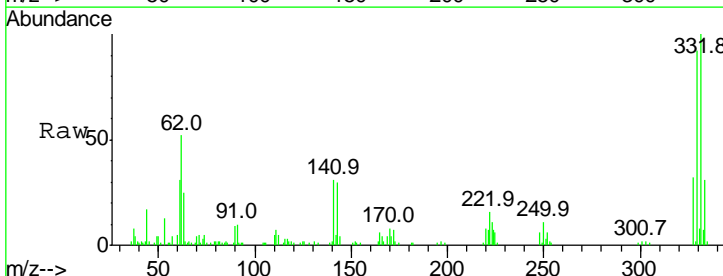
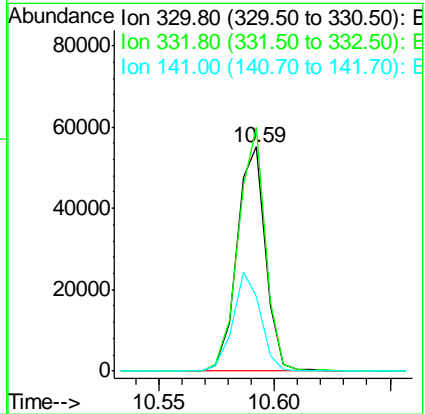
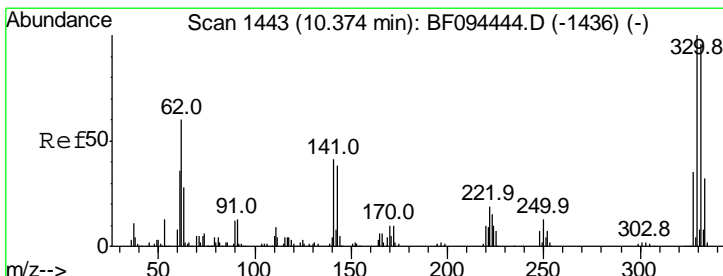
Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.6	123.8
160	43.7	36.2	54.2

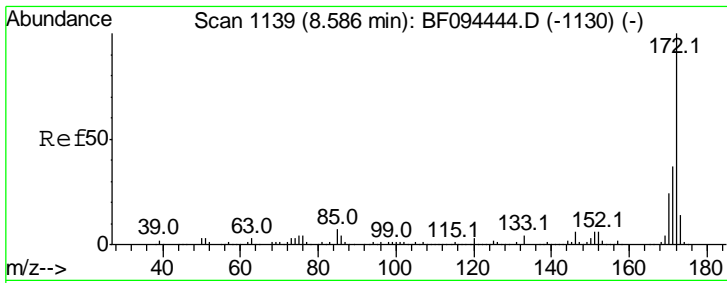


#41  
 2,4,6-Tribromophenol  
 Concen: 20.05 ng  
 RT: 10.59 min Scan# 1446  
 Delta R.T. -0.00 min  
 Lab File: BF096224.D  
 Acq: 27 Jun 2017 18:57

Tgt Ion:330 Resp: 47496

Ion	Ratio	Lower	Upper
330	100		
332	103.2	76.6	115.0
141	42.3	31.4	47.2



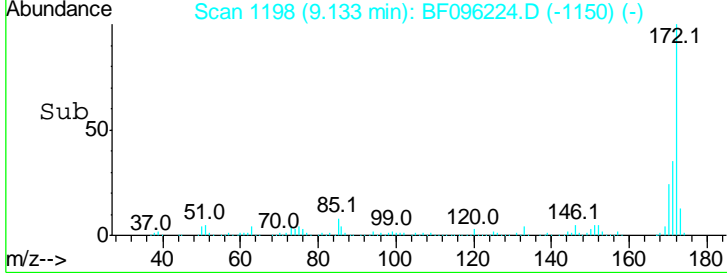
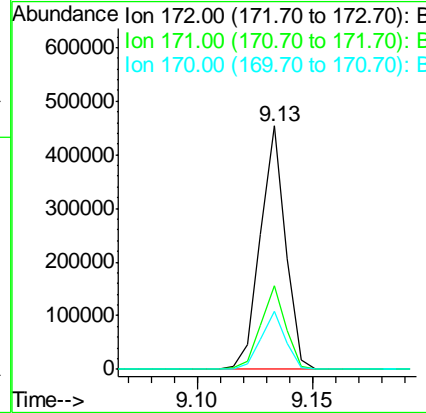
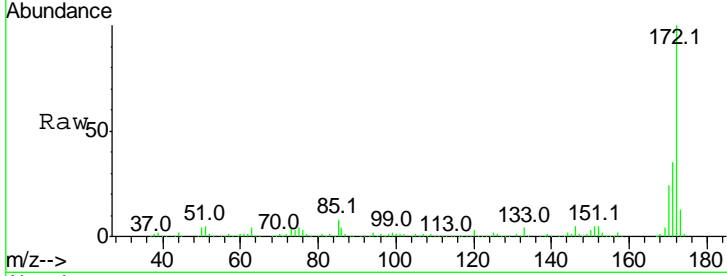


#44  
 2-Fluorobiphenyl  
 Concen: 21.03 ng  
 RT: 9.13 min Scan# 1198  
 Delta R.T. -0.02 min  
 Lab File: BF096224.D  
 Acq: 27 Jun 2017 18:57

Instrument :  
 BNA\_F  
 ClientSampled :

Tgt Ion: 172 Resp: 345701

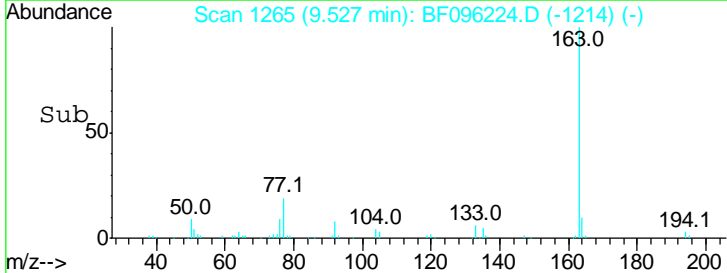
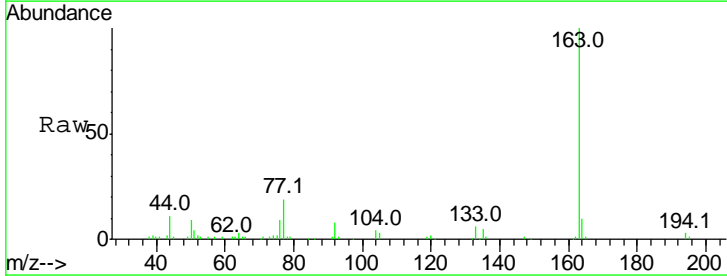
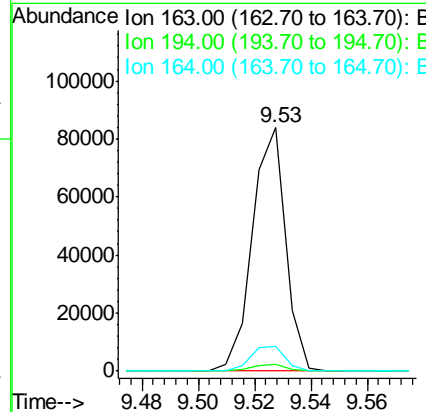
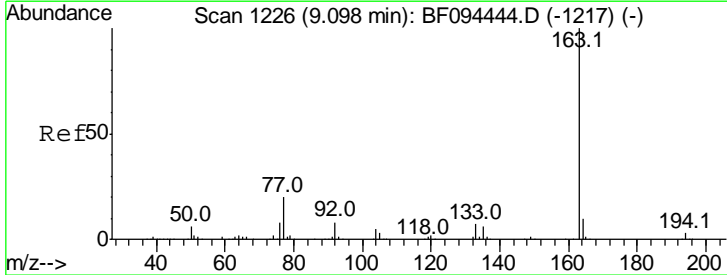
Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.6	44.4
170	23.9	19.8	29.8



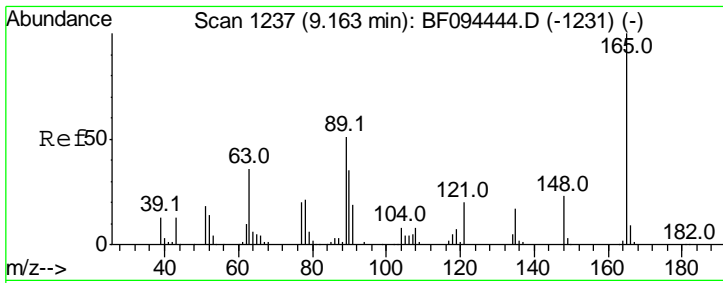
#49  
 Dimethylphthalate  
 Concen: 3.17 ng  
 RT: 9.53 min Scan# 1265  
 Delta R.T. -0.00 min  
 Lab File: BF096224.D  
 Acq: 27 Jun 2017 18:57

Tgt Ion: 163 Resp: 68292

Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.6	4.0
164	10.2	8.4	12.6



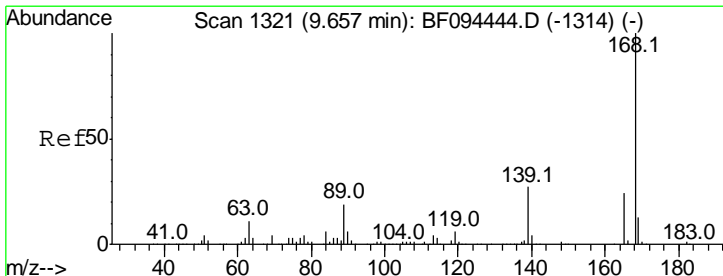
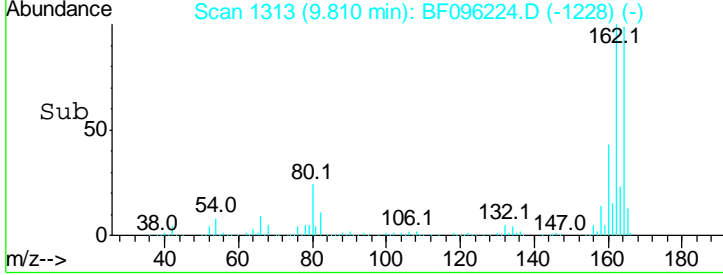
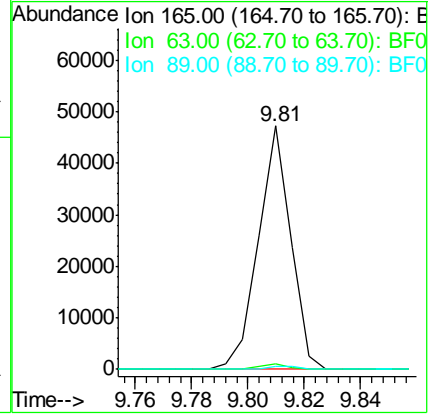
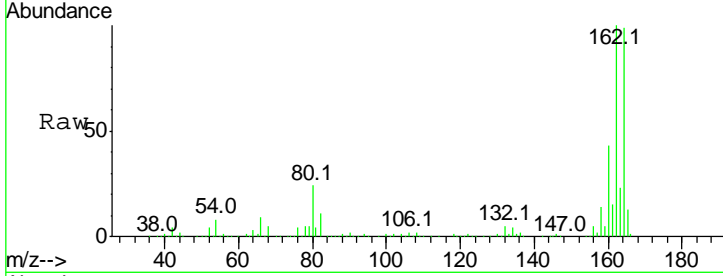




#50  
 2,6-Dinitrotoluene  
 Concen: 8.38 ng  
 RT: 9.81 min Scan# 1313  
 Delta R.T. 0.20 min  
 Lab File: BF096224.D  
 Acq: 27 Jun 2017 18:57

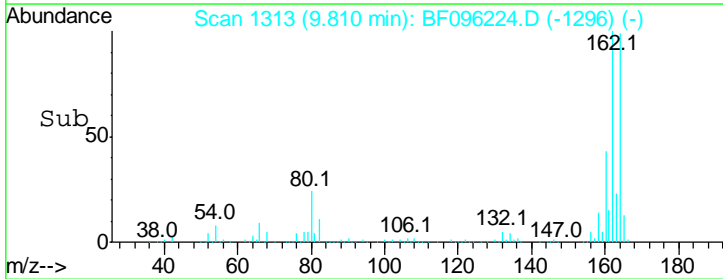
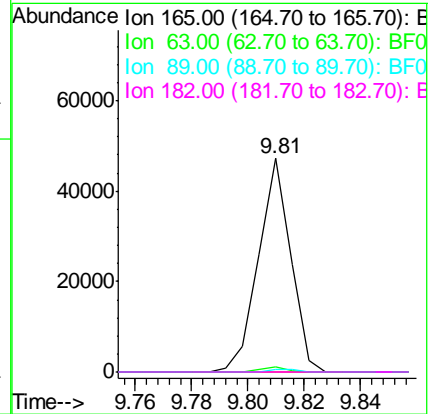
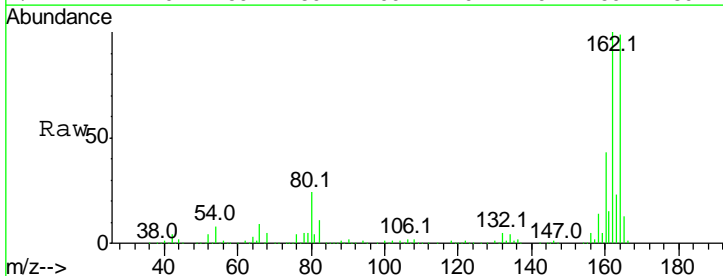
Instrument :  
 BNA\_F  
 ClientSampled :

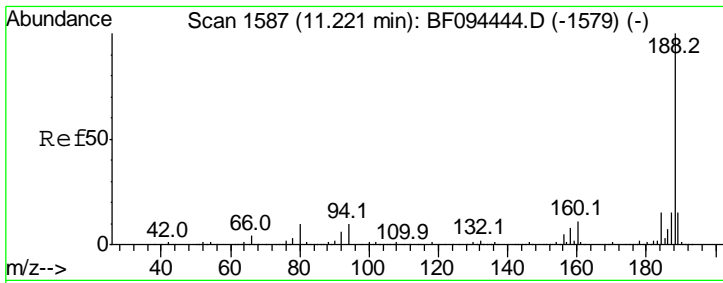
Tgt Ion	Resp	Lower	Upper
165	100		
63	2.1	34.3	51.5#
89	1.1	37.1	55.7#



#56  
 2,4-Dinitrotoluene  
 Concen: 6.65 ng  
 RT: 9.81 min Scan# 1313  
 Delta R.T. -0.20 min  
 Lab File: BF096224.D  
 Acq: 27 Jun 2017 18:57

Tgt Ion	Resp	Lower	Upper
165	100		
63	2.1	25.4	38.0#
89	1.1	46.4	69.6#
182	0.0	1.8	2.6#

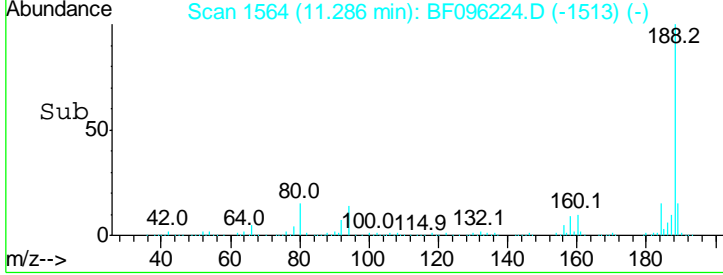
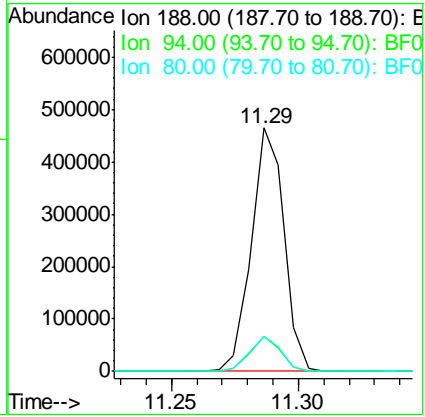
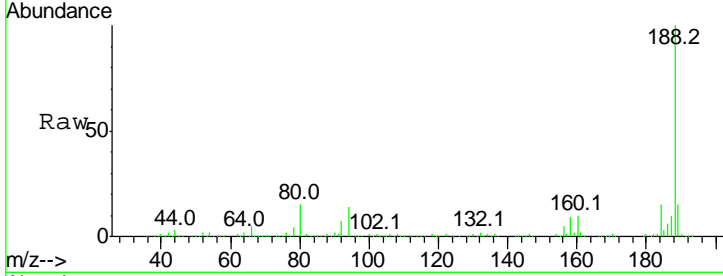




#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 11.29 min Scan# 1564  
 Delta R.T. -0.00 min  
 Lab File: BF096224.D  
 Acq: 27 Jun 2017 18:57

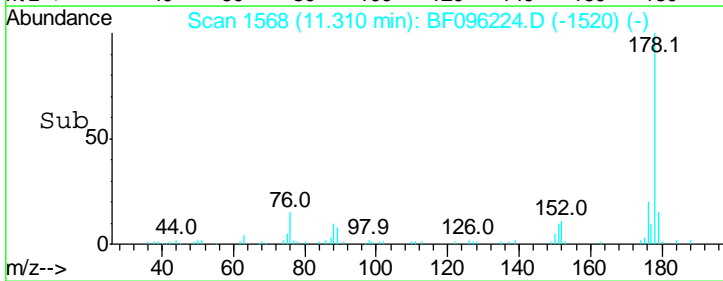
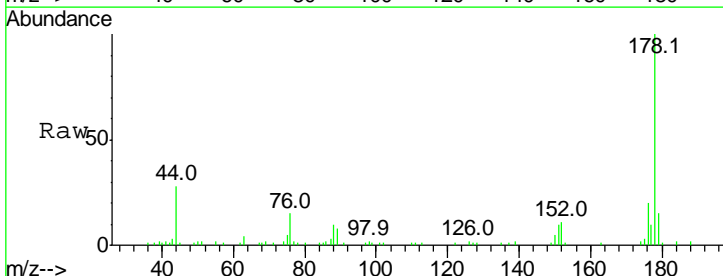
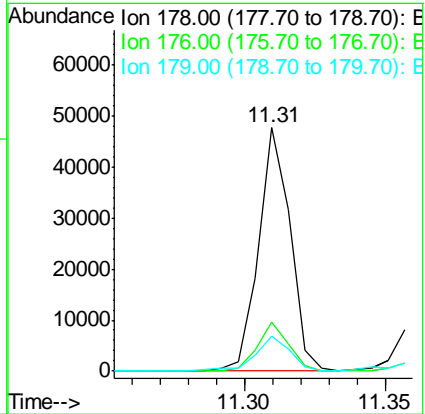
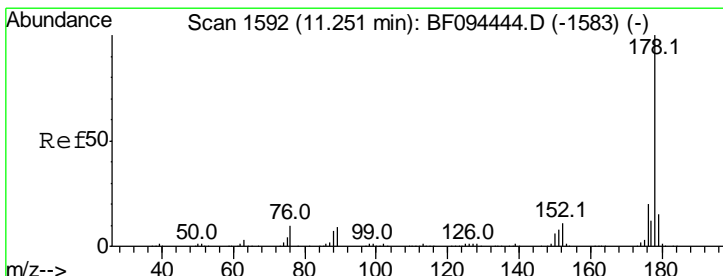
Instrument :  
 BNA\_F  
 ClientSampled :

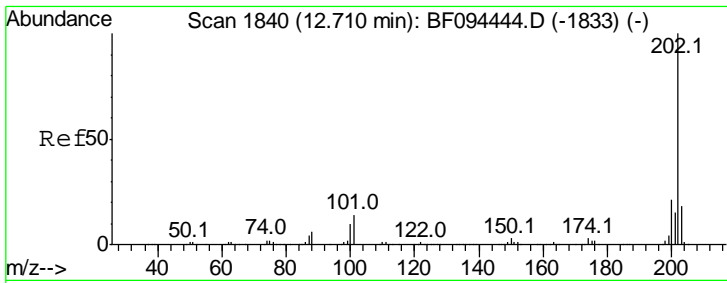
Tgt Ion	Resp	Lower	Upper
188	100		
94	14.4	9.4	14.2#
80	14.5	10.2	15.2



#70  
 Phenanthrene  
 Concen: Below Cal  
 RT: 11.31 min Scan# 1568  
 Delta R.T. -0.02 min  
 Lab File: BF096224.D  
 Acq: 27 Jun 2017 18:57

Tgt Ion	Resp	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	14.6	12.6	19.0

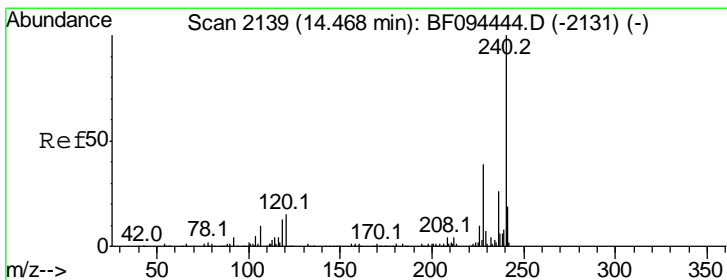
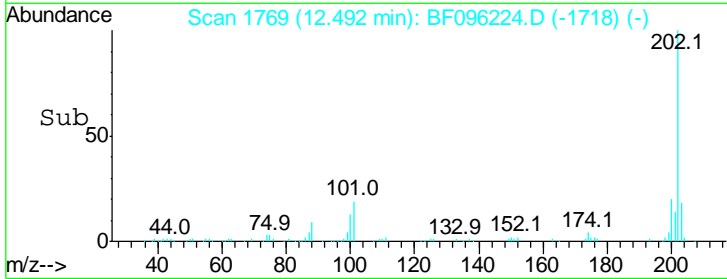
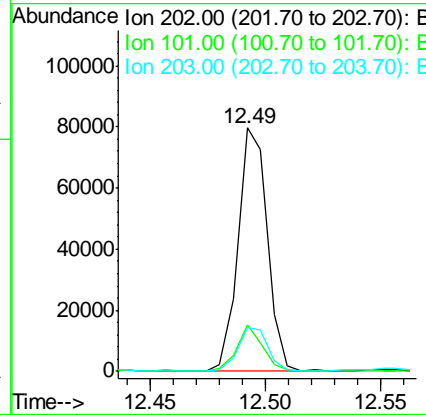
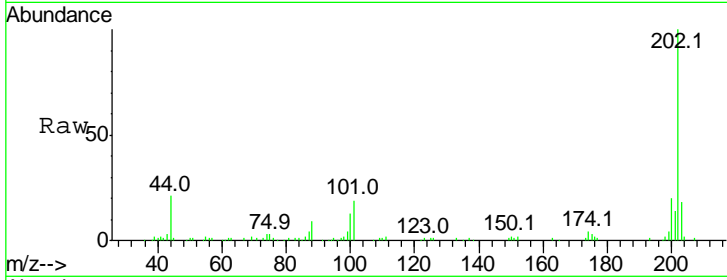




#74  
 Fluoranthene  
 Concen: 3.04 ng  
 RT: 12.49 min Scan# 1769  
 Delta R.T. -0.00 min  
 Lab File: BF096224.D  
 Acq: 27 Jun 2017 18:57

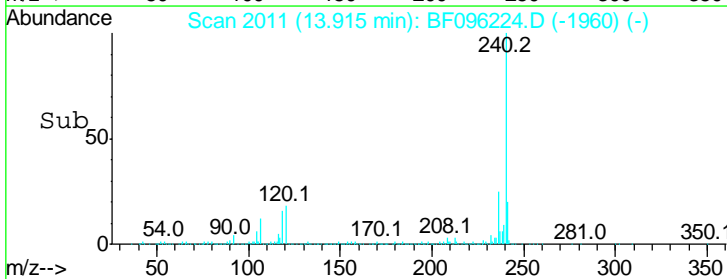
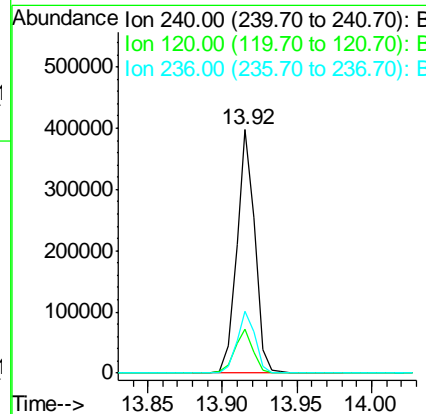
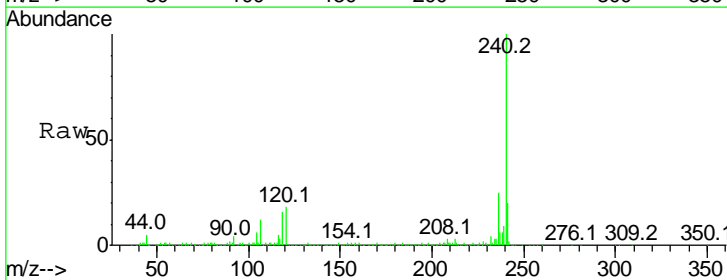
Instrument :  
 BNA\_F  
 ClientSampled :

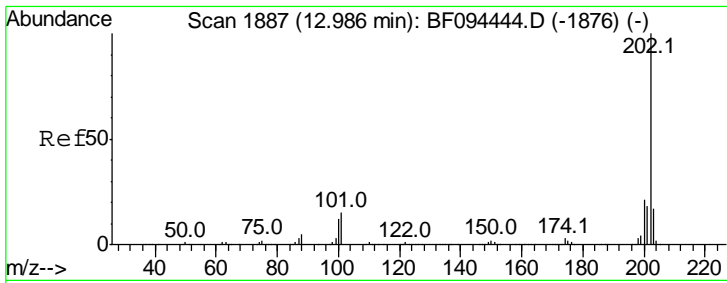
Tgt Ion	Resp	Lower	Upper
202	100		
101	19.2	0.0	33.2
203	18.1	0.0	38.1



#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 13.92 min Scan# 2011  
 Delta R.T. -0.00 min  
 Lab File: BF096224.D  
 Acq: 27 Jun 2017 18:57

Tgt Ion	Resp	Lower	Upper
240	100		
120	18.1	5.8	8.8#
236	25.2	20.5	30.7

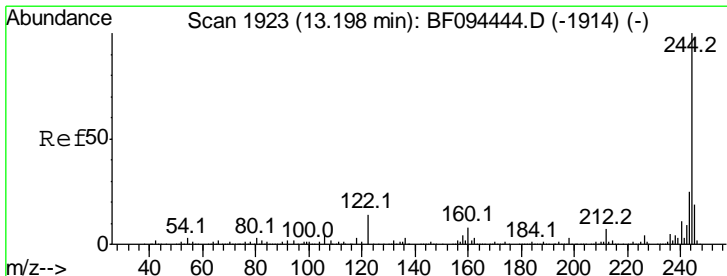
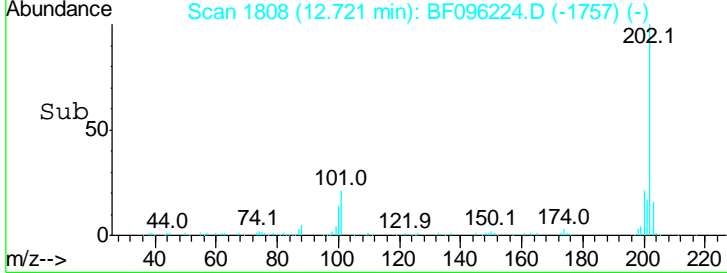
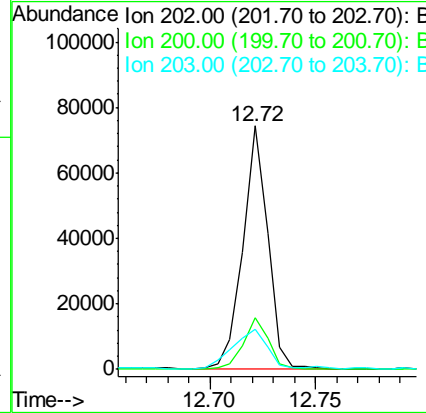
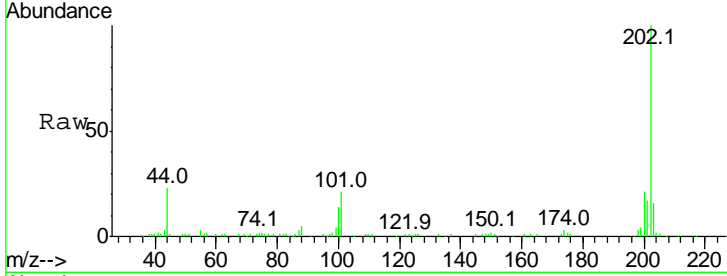




#77  
 Pyrene  
 Concen: 2.18 ng  
 RT: 12.72 min Scan# 1808  
 Delta R.T. -0.00 min  
 Lab File: BF096224.D  
 Acq: 27 Jun 2017 18:57

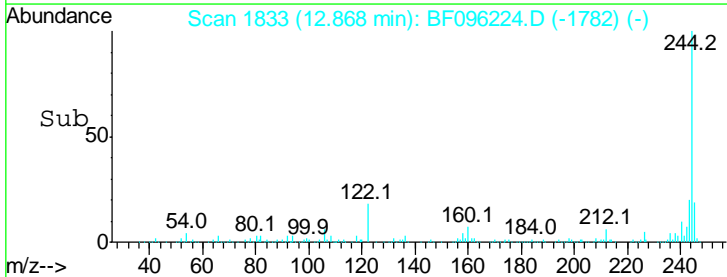
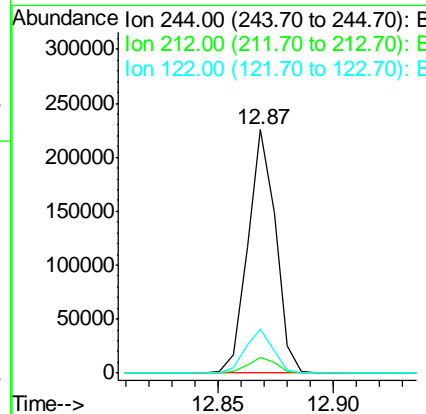
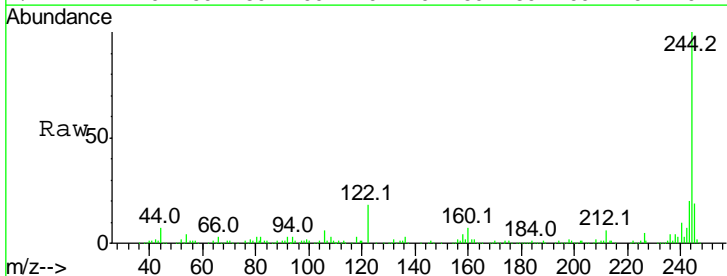
Instrument :  
 BNA\_F  
 ClientSampled :

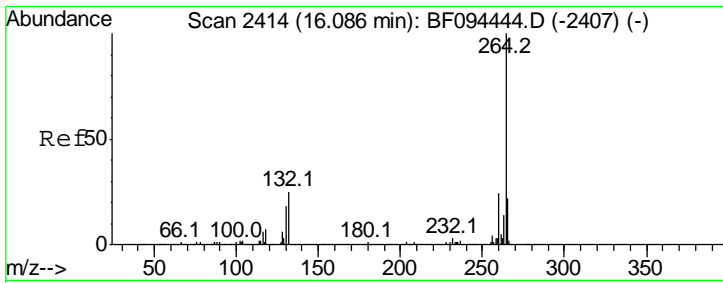
Tgt Ion	Resp	Lower	Upper
202	60684		
200	21.2	17.6	26.4
203	16.4	14.4	21.6



#78  
 Terphenyl-d14  
 Concen: 13.94 ng  
 RT: 12.87 min Scan# 1833  
 Delta R.T. -0.00 min  
 Lab File: BF096224.D  
 Acq: 27 Jun 2017 18:57

Tgt Ion	Resp	Lower	Upper
244	189568		
212	6.4	6.0	9.0
122	18.3	10.3	15.5#





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.34 min Scan# 2253  
 Delta R.T. -0.00 min  
 Lab File: BF096224.D  
 Acq: 27 Jun 2017 18:57

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion: 264 Resp: 298283

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	22.6	17.2	25.8

