

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\  
 Data File : BF098053.D  
 Acq On : 26 Aug 2017 1:55  
 Operator : SJ/JU  
 Sample : I4945-09  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-1-4-COMP

Quant Time: Aug 26 02:57:34 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

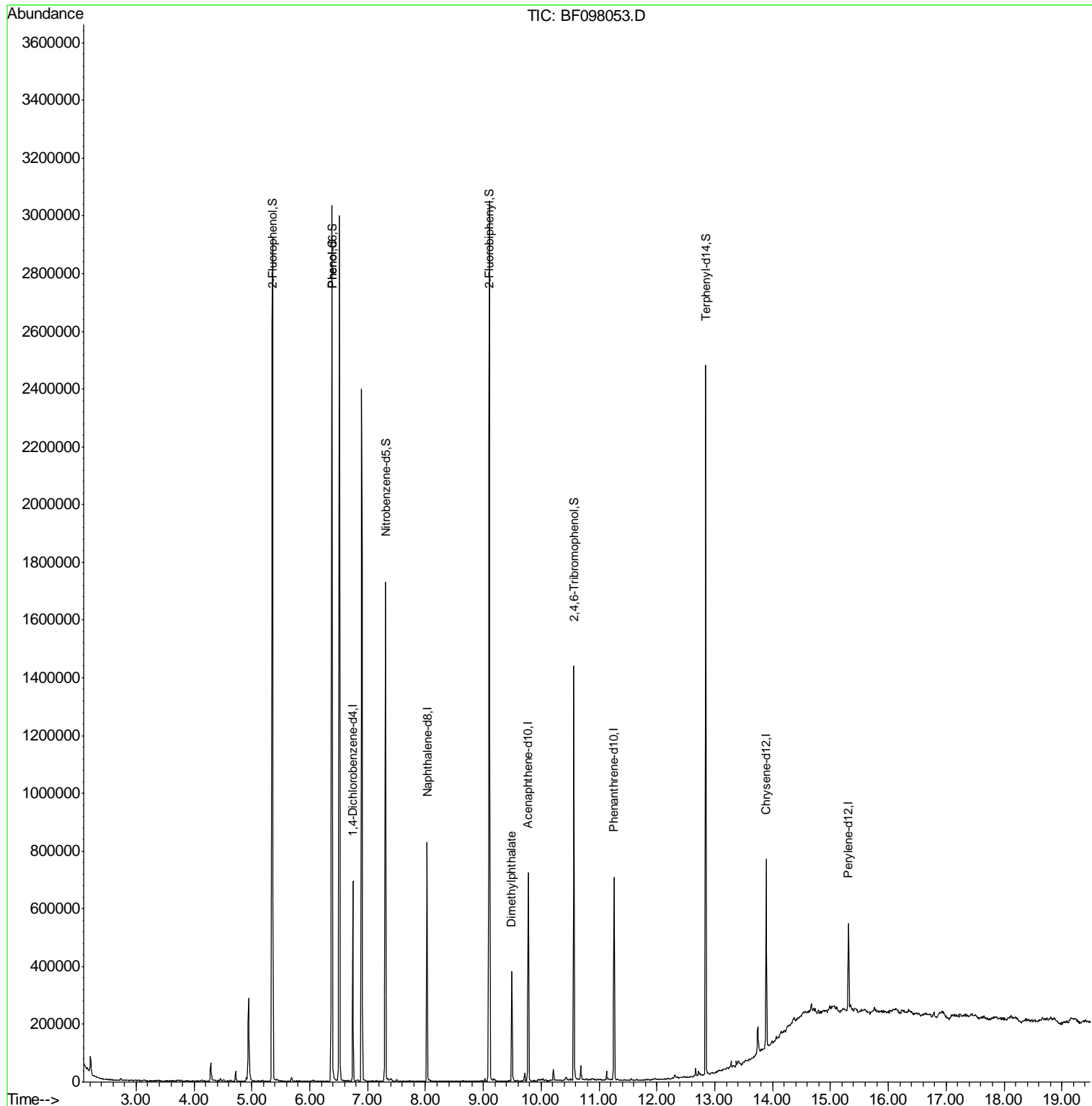
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	99259	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	362292	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	137185	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	250020	20.00	ng	0.00
75) Chrysene-d12	13.89	240	203168	20.00	ng	0.00
86) Perylene-d12	15.32	264	138069	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	905210	138.72	ng	0.00
7) Phenol-d6	6.39	99	1209240	136.38	ng	0.00
23) Nitrobenzene-d5	7.31	82	630857	94.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	162748	136.73	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	894646	95.81	ng	0.00
78) Terphenyl-d14	12.85	244	762773	78.29	ng	0.00
Target Compounds						
10) Phenol	6.39	94	39867	3.845	ng	88
49) Dimethylphthalate	9.50	163	144510	14.411	ng	98

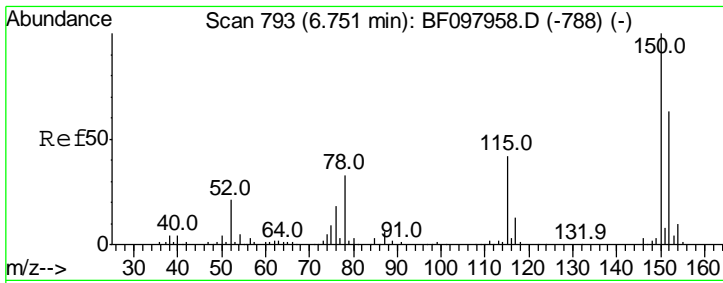
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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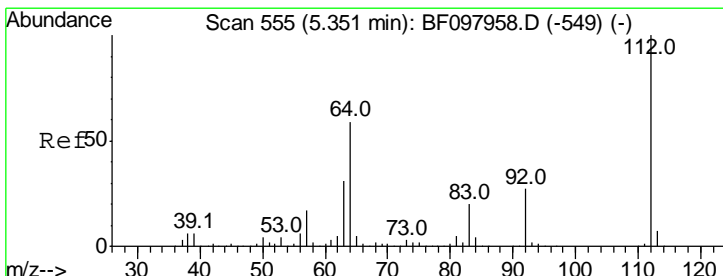
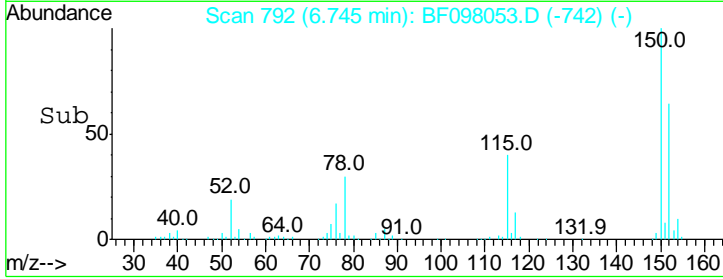
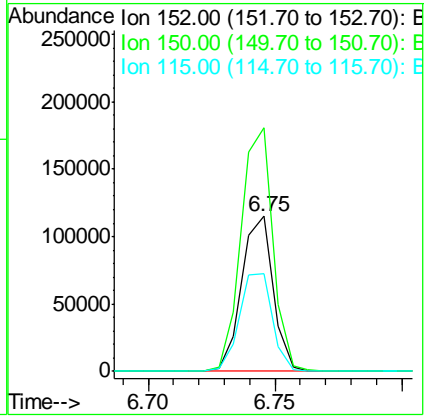
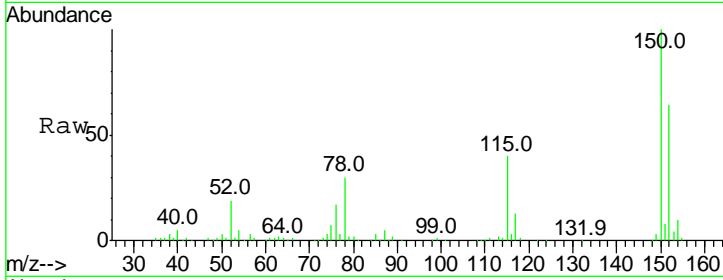




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.75 min Scan# 792  
 Delta R.T. -0.01 min  
 Lab File: BF098053.D  
 Acq: 26 Aug 2017 1:55

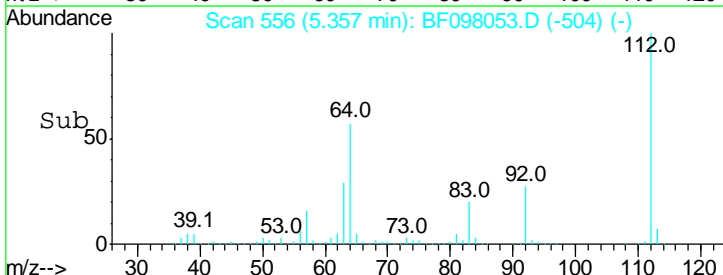
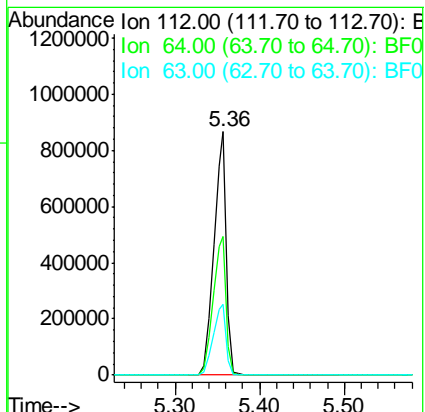
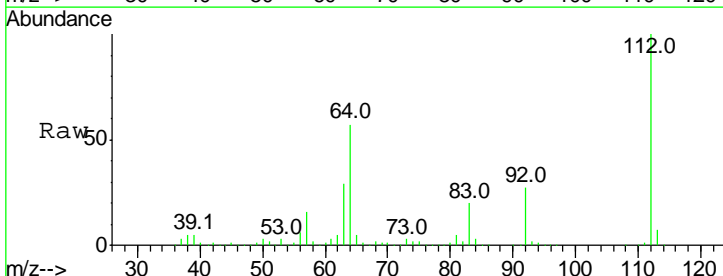
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 SP-1-4-COMP

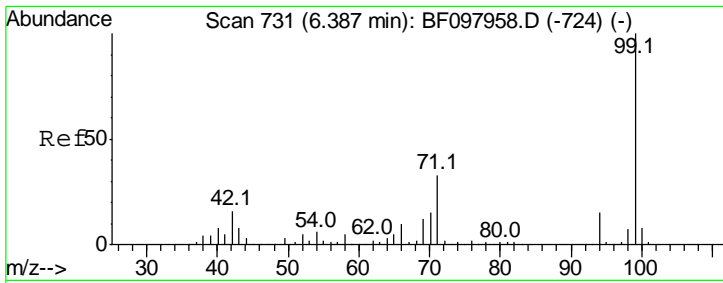
Tgt Ion	Resp	Lower	Upper
152	99259		
152	100		
150	156.9	126.2	189.2
115	63.3	52.2	78.2



#5  
 2-Fluorophenol  
 Concen: 138.717 ng  
 RT: 5.36 min Scan# 556  
 Delta R.T. 0.01 min  
 Lab File: BF098053.D  
 Acq: 26 Aug 2017 1:55

Tgt Ion	Resp	Lower	Upper
112	905210		
112	100		
64	57.2	46.0	69.0
63	29.3	23.4	35.0



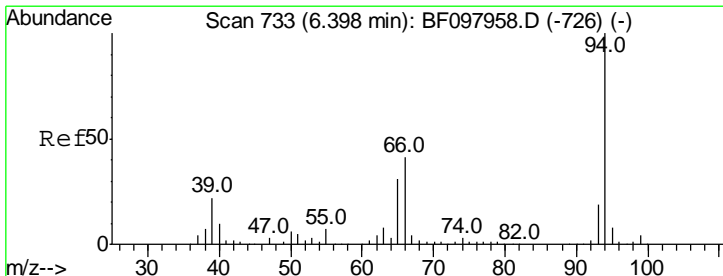
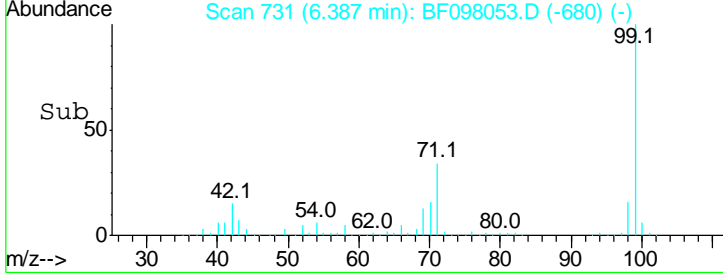
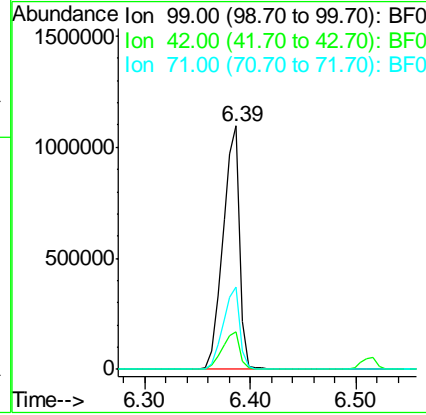
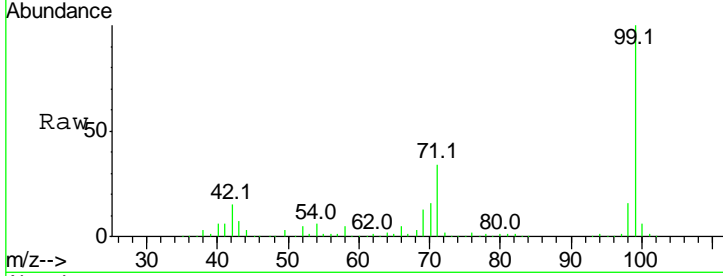


#7  
 Phenol-d6  
 Concen: 136.385 ng  
 RT: 6.39 min Scan# 731  
 Delta R.T. 0.00 min  
 Lab File: BF098053.D  
 Acq: 26 Aug 2017 1:55

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 SP-1-4-COMP

Tgt Ion: 99 Resp: 1209240

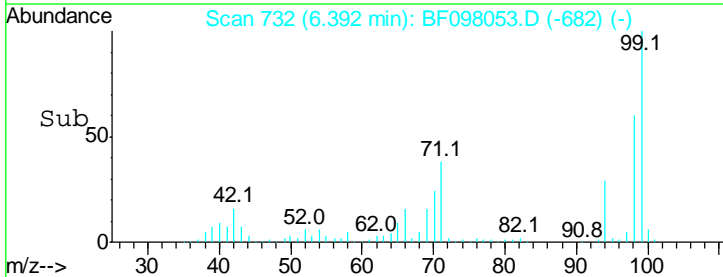
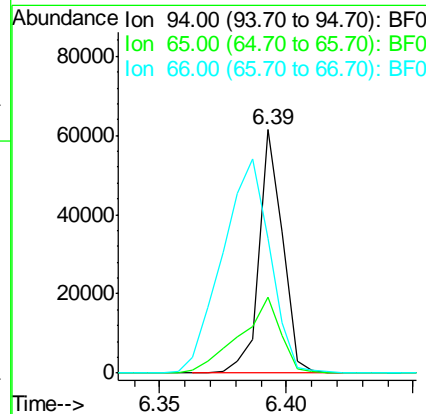
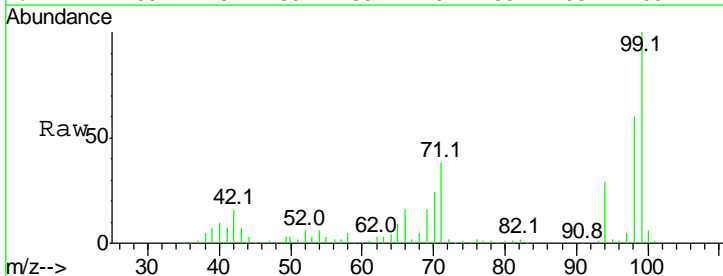
Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.5	20.3
71	33.8	24.5	36.7

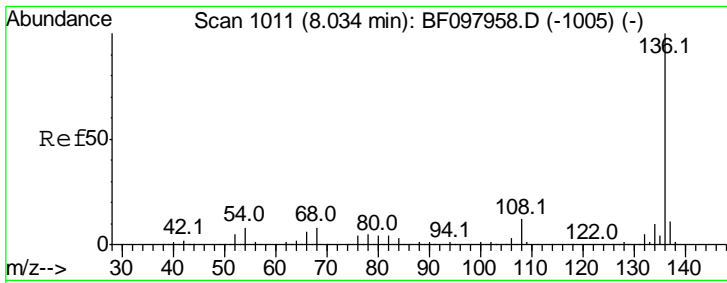


#10  
 Phenol  
 Concen: 3.845 ng  
 RT: 6.39 min Scan# 732  
 Delta R.T. -0.01 min  
 Lab File: BF098053.D  
 Acq: 26 Aug 2017 1:55

Tgt Ion: 94 Resp: 39867

Ion	Ratio	Lower	Upper
94	100		
65	31.4	9.9	49.9
66	55.2	23.1	63.1



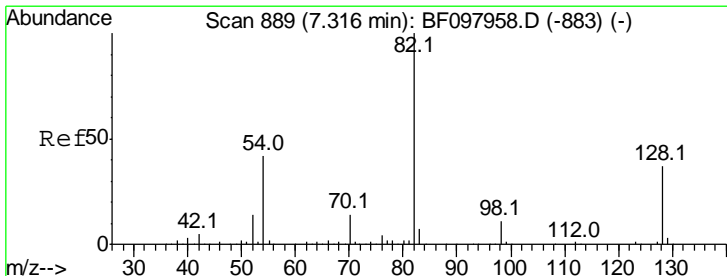
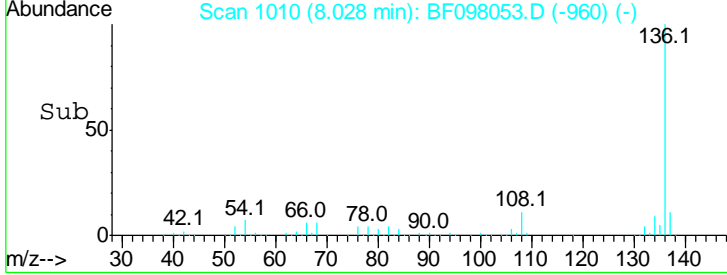
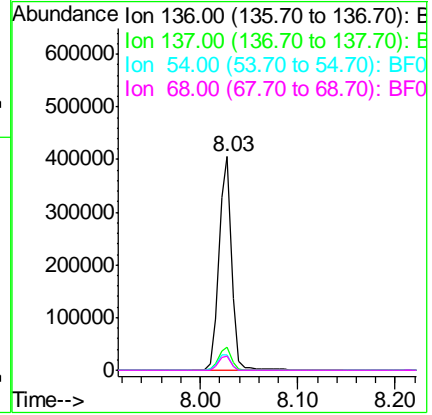
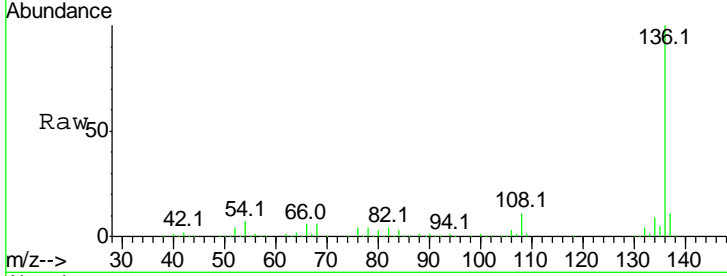


#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 8.03 min Scan# 1010  
 Delta R.T. -0.01 min  
 Lab File: BF098053.D  
 Acq: 26 Aug 2017 1:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-1-4-COMP

Tgt Ion: 136 Resp: 362292

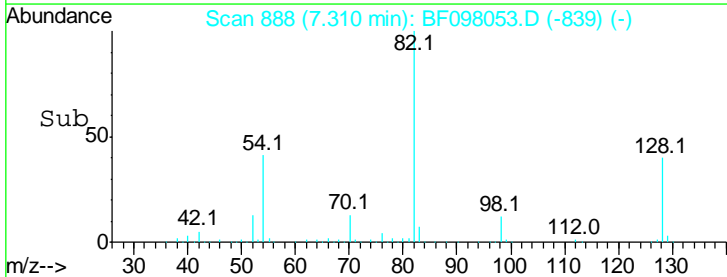
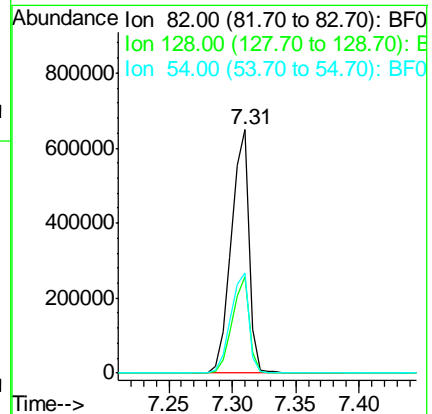
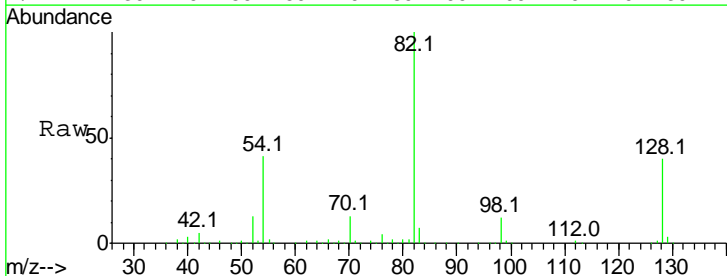
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	7.2	4.9	7.3
68	6.4	4.1	6.1#

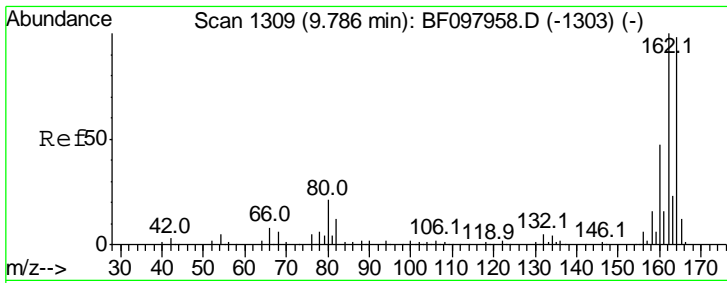


#23  
 Nitrobenzene-d5  
 Concen: 94.595 ng  
 RT: 7.31 min Scan# 888  
 Delta R.T. -0.01 min  
 Lab File: BF098053.D  
 Acq: 26 Aug 2017 1:55

Tgt Ion: 82 Resp: 630857

Ion	Ratio	Lower	Upper
82	100		
128	39.8	34.0	51.0
54	41.0	42.2	63.2#

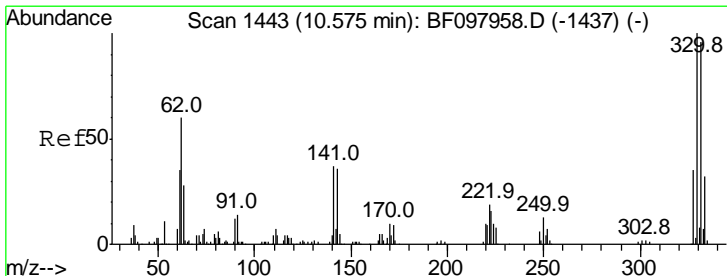
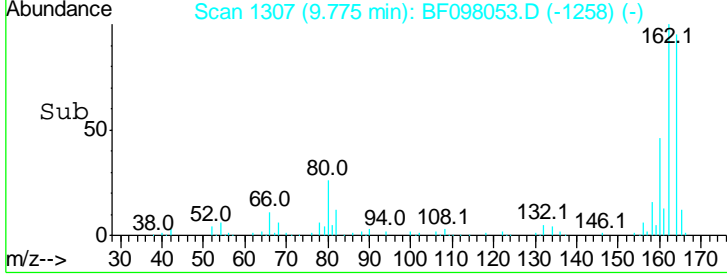
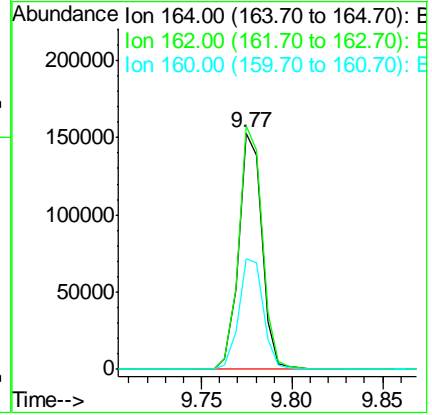
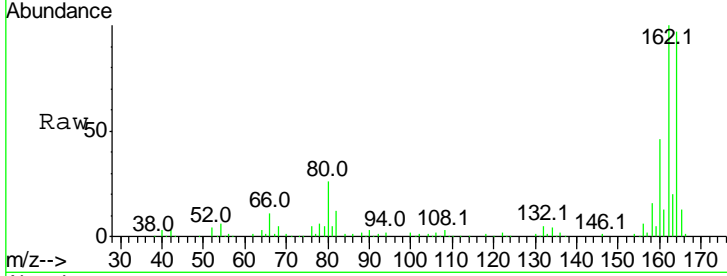




#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.77 min Scan# 1307  
 Delta R.T. -0.01 min  
 Lab File: BF098053.D  
 Acq: 26 Aug 2017 1:55

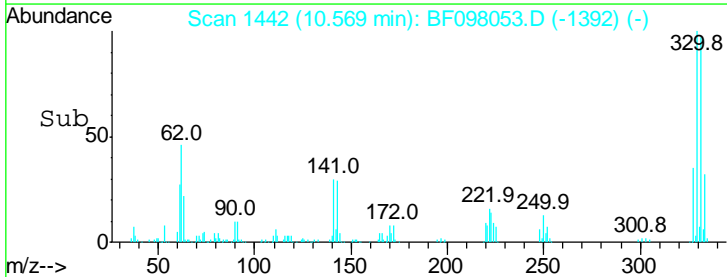
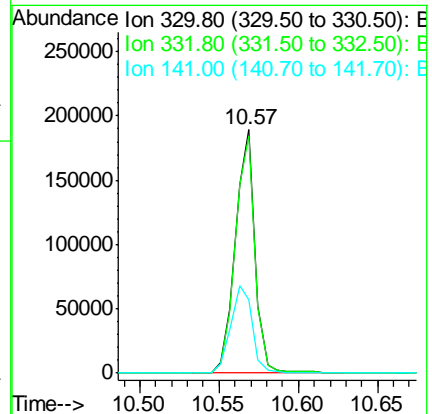
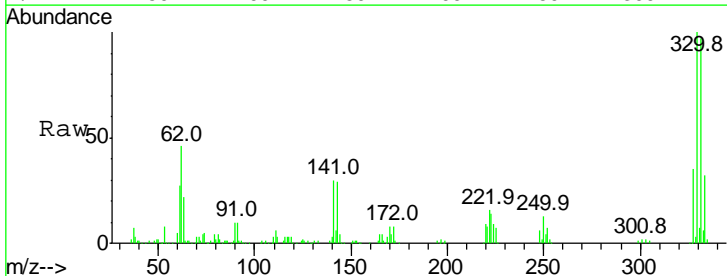
Instrument :  
 BNA\_F  
 ClientSampled :  
 SP-1-4-COMP

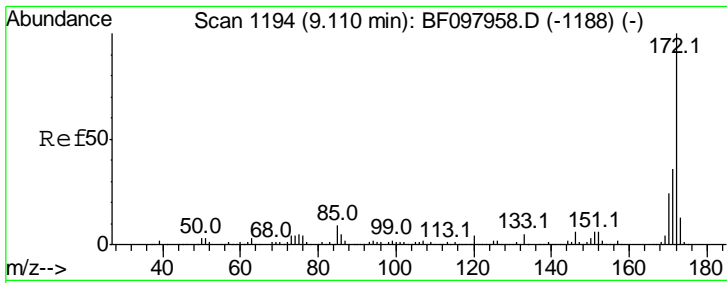
Tgt Ion	Resp	Lower	Upper
164	100		
162	103.2	82.6	123.8
160	47.1	36.2	54.2



#41  
 2,4,6-Tribromophenol  
 Concen: 136.728 ng  
 RT: 10.57 min Scan# 1442  
 Delta R.T. -0.01 min  
 Lab File: BF098053.D  
 Acq: 26 Aug 2017 1:55

Tgt Ion	Resp	Lower	Upper
330	100		
332	98.2	76.6	115.0
141	39.7	31.4	47.2

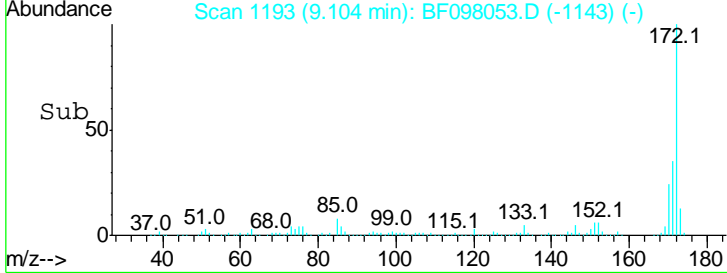
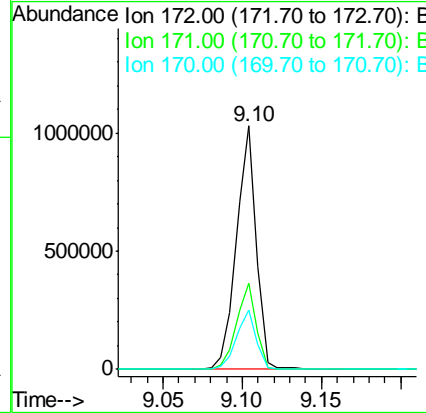
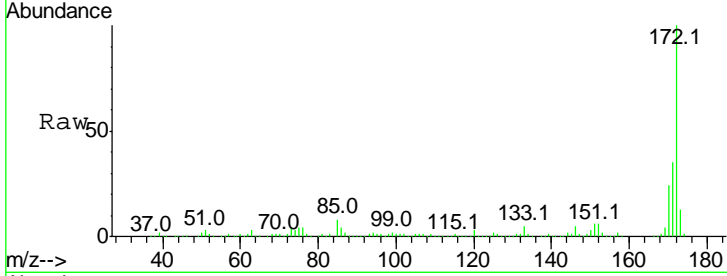




#44  
 2-Fluorobiphenyl  
 Concen: 95.814 ng  
 RT: 9.10 min Scan# 1193  
 Delta R.T. -0.01 min  
 Lab File: BF098053.D  
 Acq: 26 Aug 2017 1:55

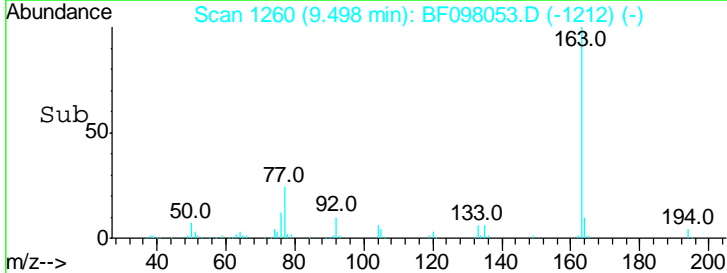
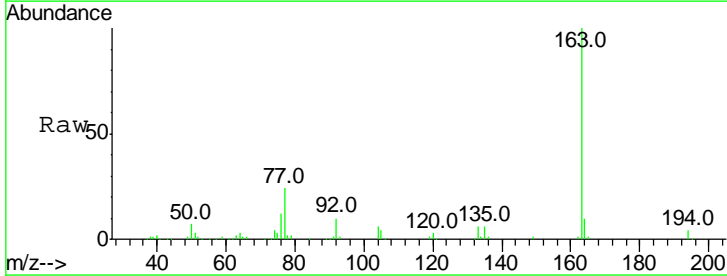
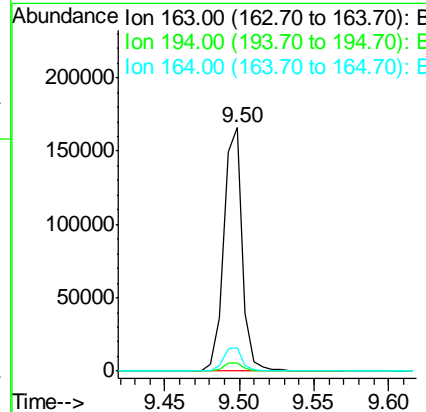
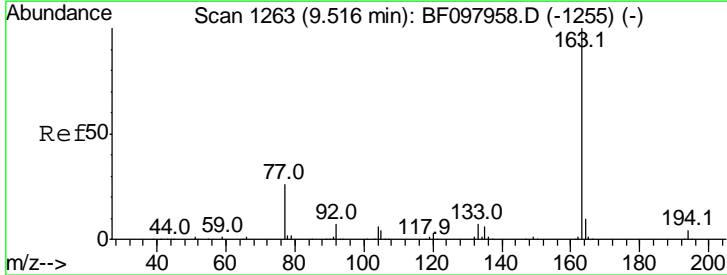
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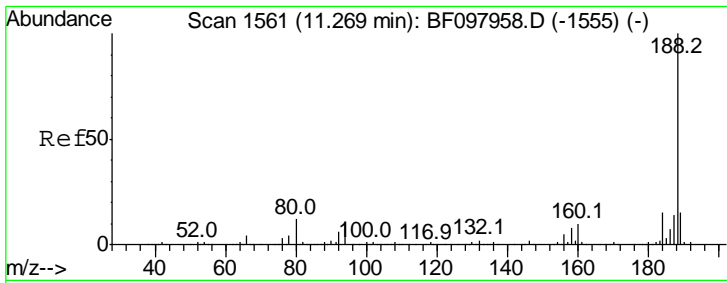
Tgt Ion	Resp	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	24.3	19.8	29.8



#49  
 Dimethylphthalate  
 Concen: 14.411 ng  
 RT: 9.50 min Scan# 1260  
 Delta R.T. -0.02 min  
 Lab File: BF098053.D  
 Acq: 26 Aug 2017 1:55

Tgt Ion	Resp	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.7	8.4	12.6

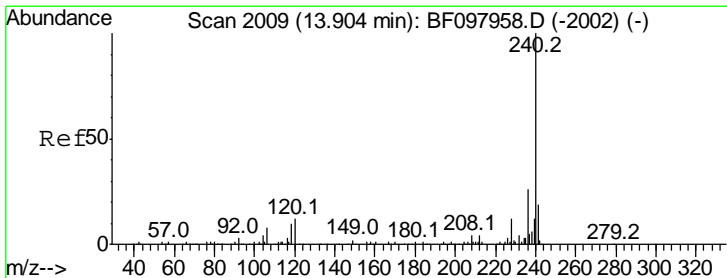
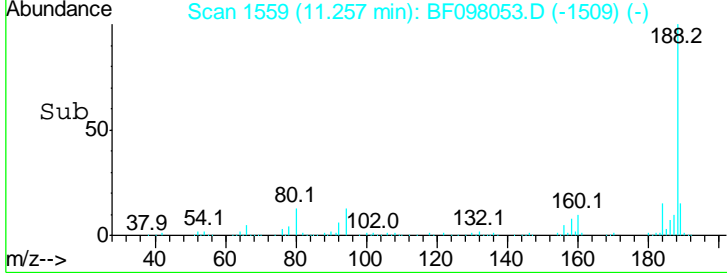
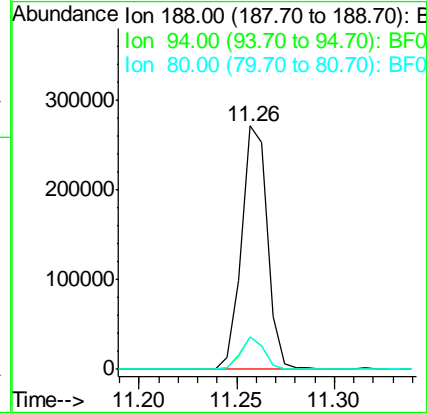
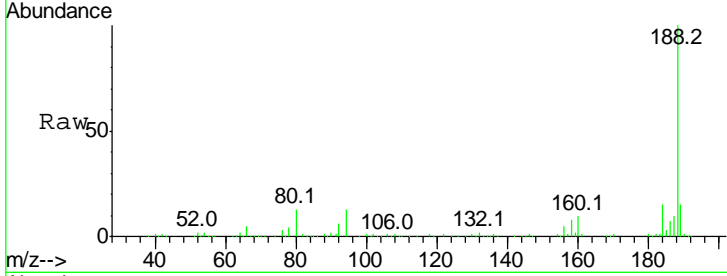




#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.26 min Scan# 1559  
 Delta R.T. -0.01 min  
 Lab File: BF098053.D  
 Acq: 26 Aug 2017 1:55

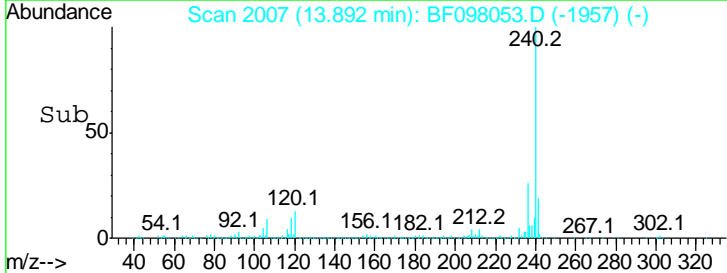
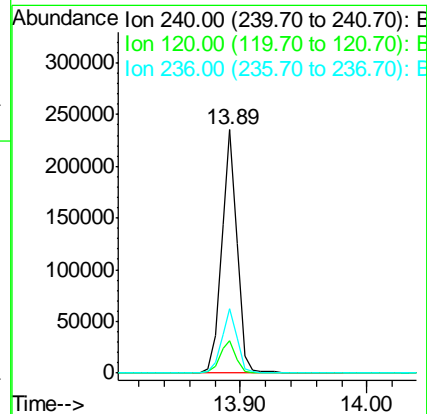
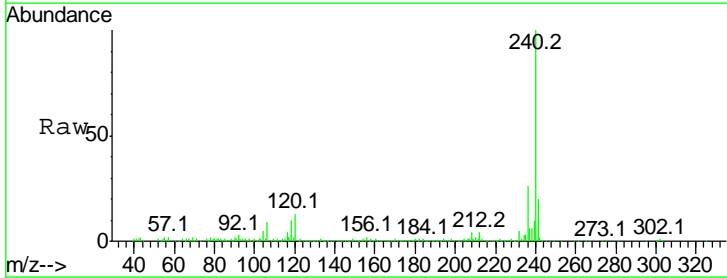
Instrument :  
 BNA\_F  
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 SP-1-4-COMP

Tgt Ion	Resp	Lower	Upper
188	100		
94	13.3	9.4	14.2
80	13.5	10.2	15.2

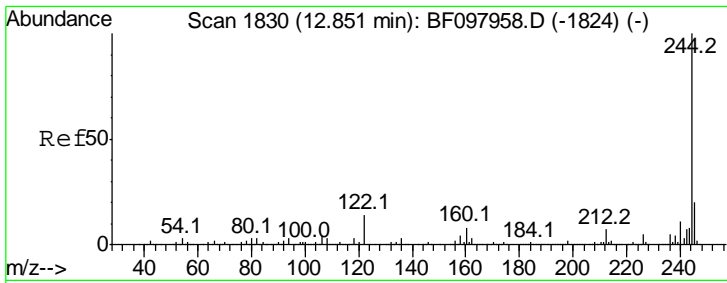


#75  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.89 min Scan# 2007  
 Delta R.T. -0.01 min  
 Lab File: BF098053.D  
 Acq: 26 Aug 2017 1:55

Tgt Ion	Resp	Lower	Upper
240	100		
120	13.1	5.8	8.8#
236	26.4	20.5	30.7



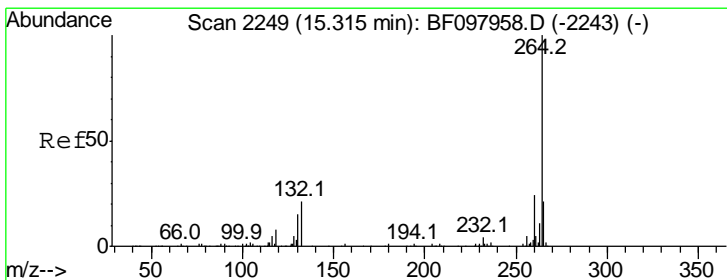
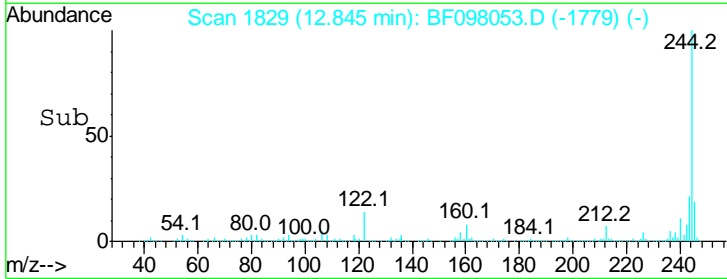
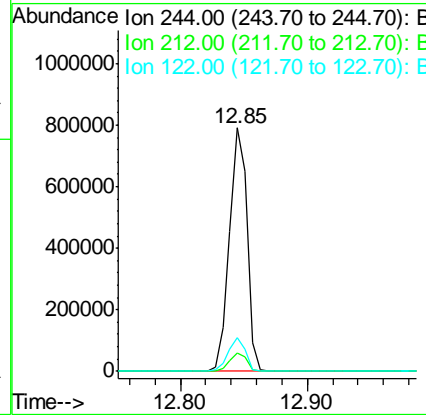
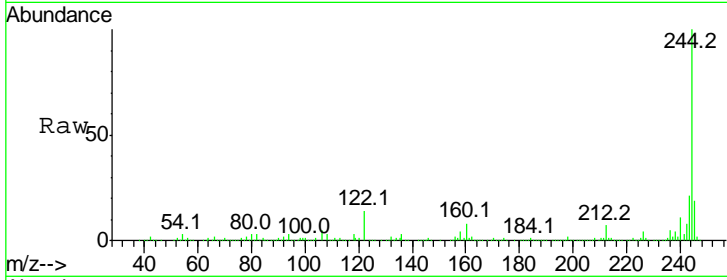




#78  
 Terphenyl-d14  
 Concen: 78.292 ng  
 RT: 12.85 min Scan# 1829  
 Delta R.T. -0.01 min  
 Lab File: BF098053.D  
 Acq: 26 Aug 2017 1:55

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 SP-1-4-COMP

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	13.9	10.3	15.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.32 min Scan# 2249  
 Delta R.T. 0.01 min  
 Lab File: BF098053.D  
 Acq: 26 Aug 2017 1:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	22.6	17.2	25.8

