

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050216\  
 Data File : BF086621.D  
 Acq On : 2 May 2016 16:58  
 Operator : UM/SJ  
 Sample : H2716-07  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 26WARD-3-CS-9(0-12FTBGS)

Quant Time: May 03 01:16:58 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF042716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 27 14:20:52 2016  
 Response via : Initial Calibration

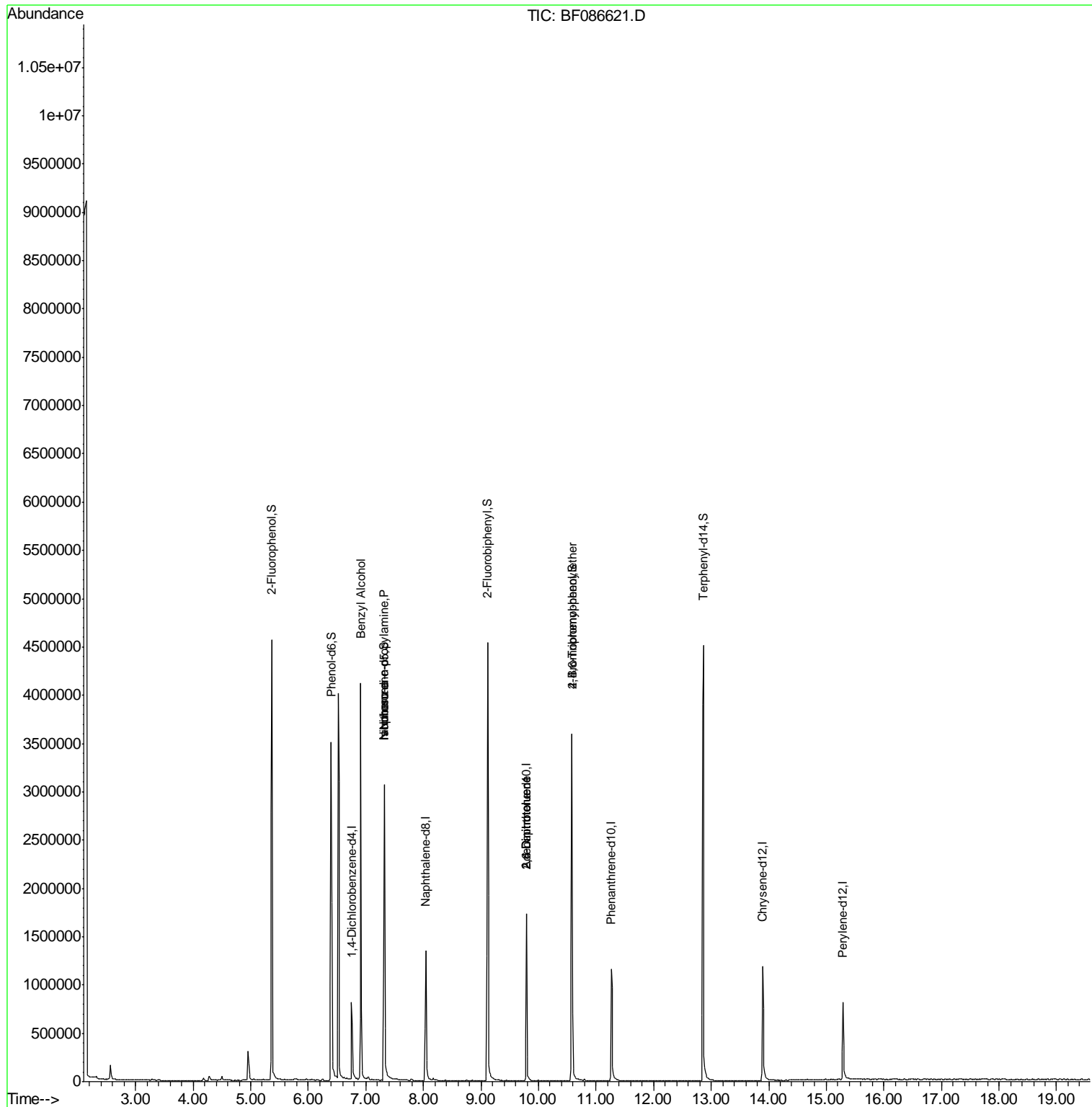
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	168777	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	731857	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	353583	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	690122	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	598710	20.00	ng	-0.07
86) Perylene-d12	15.29	264	382460	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1376431	140.67	ng	-0.02
7) Phenol-d6	6.40	99	1579105	115.63	ng	-0.05
23) Nitrobenzene-d5	7.32	82	1162376	85.61	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	476253	127.72	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	1863478	94.41	ng	-0.06
78) Terphenyl-d14	12.87	244	2174756	80.03	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	6.91	79	20034	2.32	ng	# 40
19) n-Nitroso-di-n-propylamine	7.32	70	157662	17.47	ng	# 74
25) Isophorone	7.32	82	863557	33.05	ng	# 68
50) 2,6-Dinitrotoluene	9.79	165	44408	8.08	ng	# 21
56) 2,4-Dinitrotoluene	9.79	165	44878	6.40	ng	# 16
66) 4-Bromophenyl-phenylether	10.58	248	28898	4.06	ng	# 1

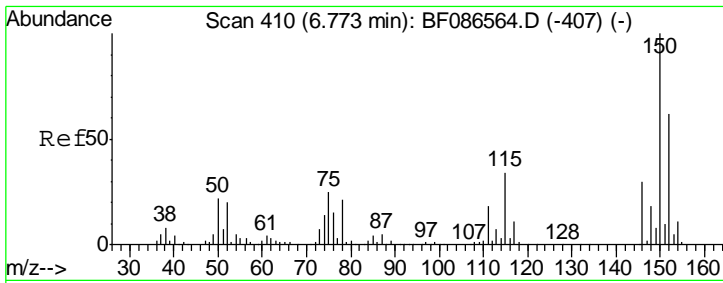
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 26WARD-3-CS-9(0-12FTBGS)

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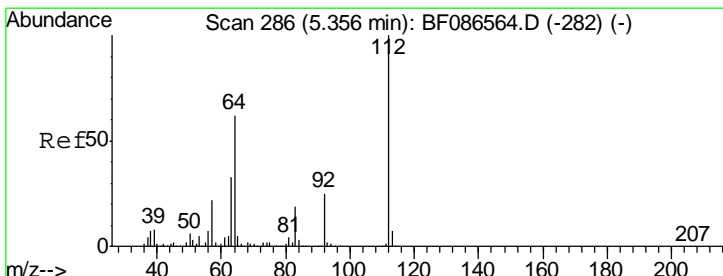
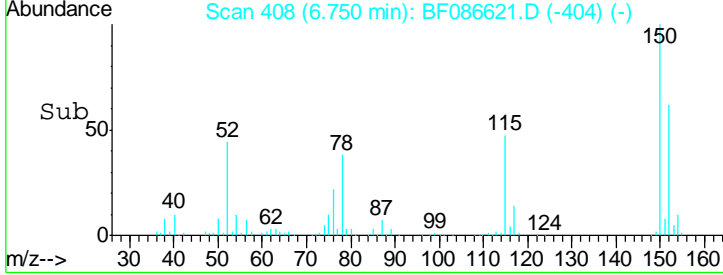
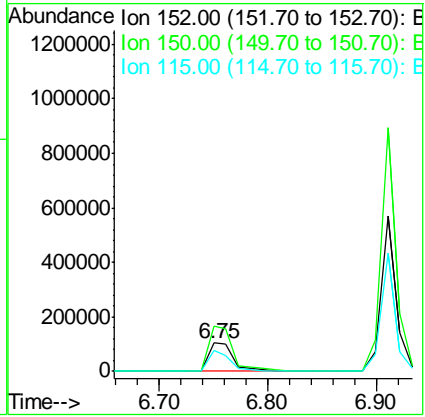
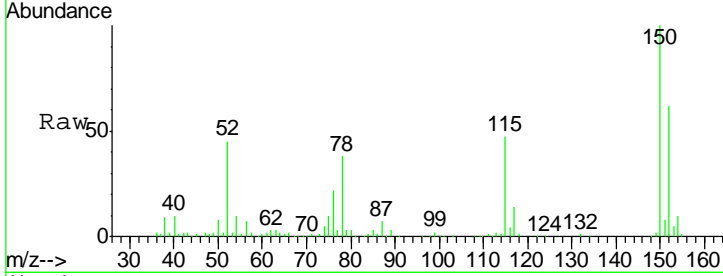




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.75 min Scan# 408  
 Delta R.T. -0.06 min  
 Lab File: BF086621.D  
 Acq: 2 May 2016 16:58

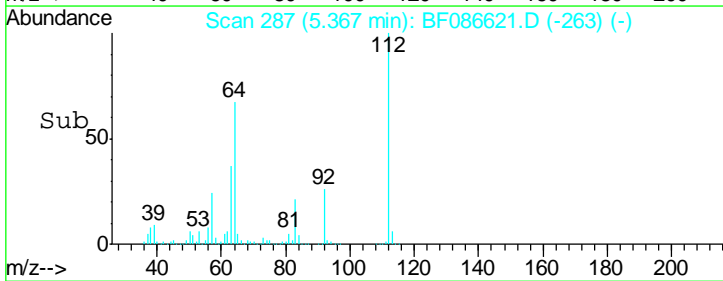
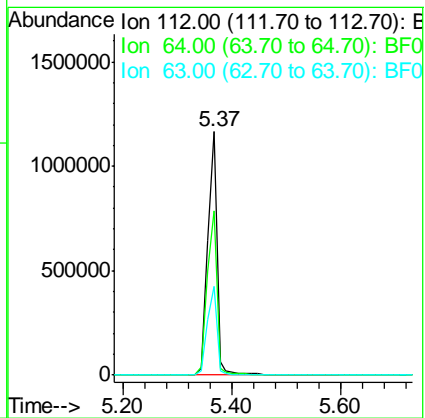
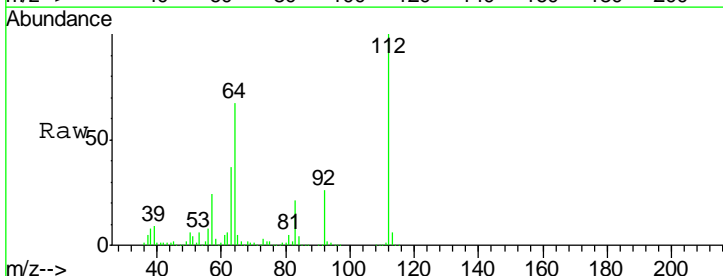
**Instrument :**  
 BNA\_F  
**ClientSampleId :**  
 26WARD-3-CS-9(0-12FTBGS)

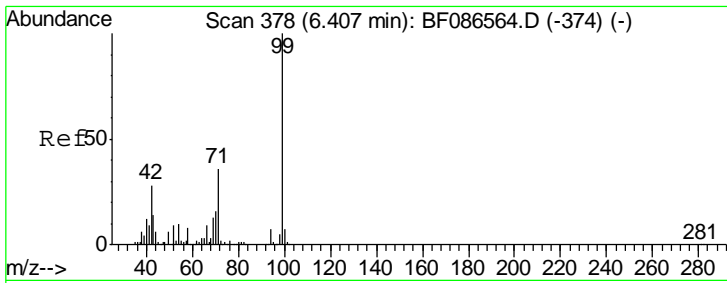
Tgt Ion	Resp	Lower	Upper
152	168777		
152	100		
150	162.5	125.8	188.6
115	77.0	51.5	77.3



#5  
 2-Fluorophenol  
 Concen: 140.67 ng  
 RT: 5.37 min Scan# 287  
 Delta R.T. -0.02 min  
 Lab File: BF086621.D  
 Acq: 2 May 2016 16:58

Tgt Ion	Resp	Lower	Upper
112	1376431		
112	100		
64	67.2	52.1	78.1
63	36.6	25.7	38.5

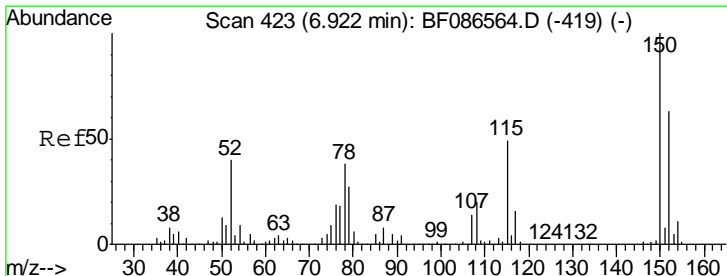
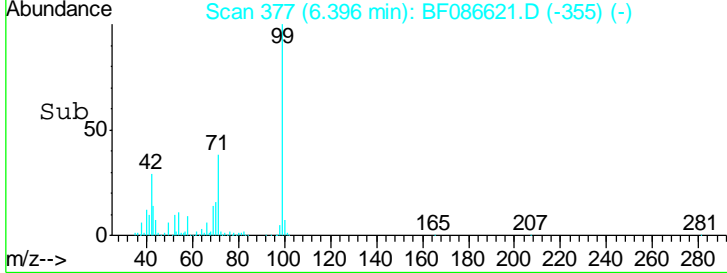
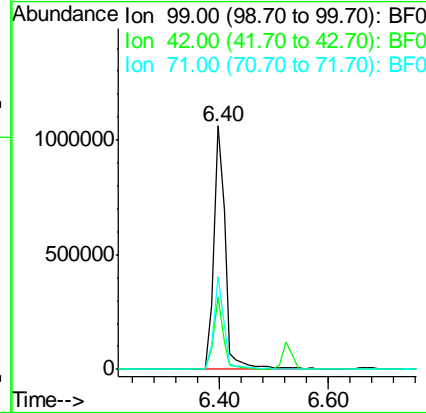
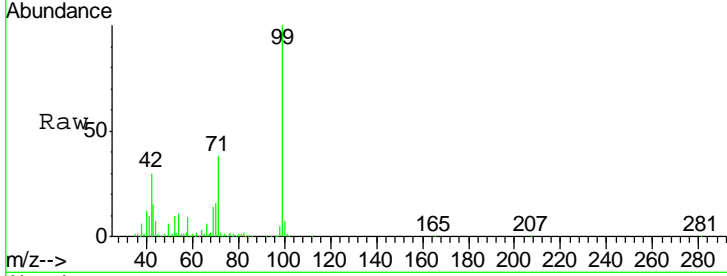




#7  
 Phenol-d6  
 Concen: 115.63 ng  
 RT: 6.40 min Scan# 377  
 Delta R.T. -0.05 min  
 Lab File: BF086621.D  
 Acq: 2 May 2016 16:58

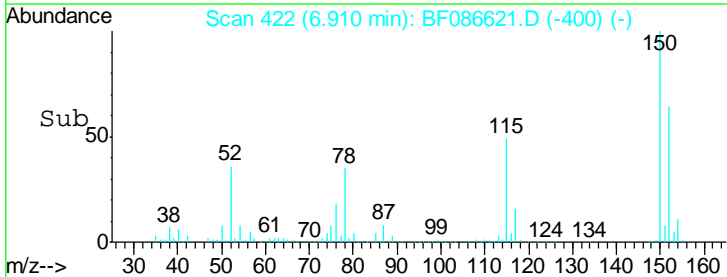
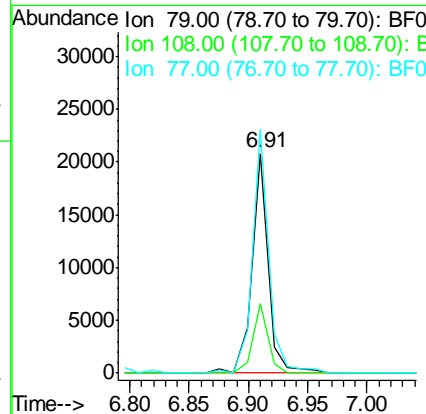
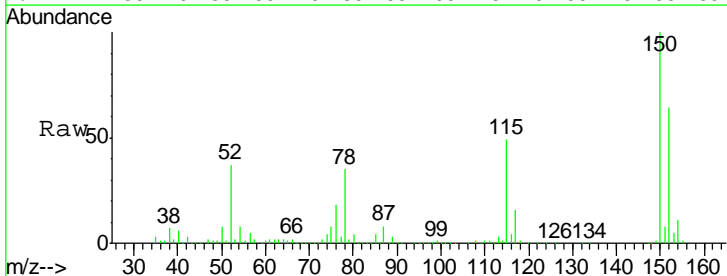
**Instrument :**  
 BNA\_F  
**ClientSampleId :**  
 26WARD-3-CS-9(0-12FTBGS)

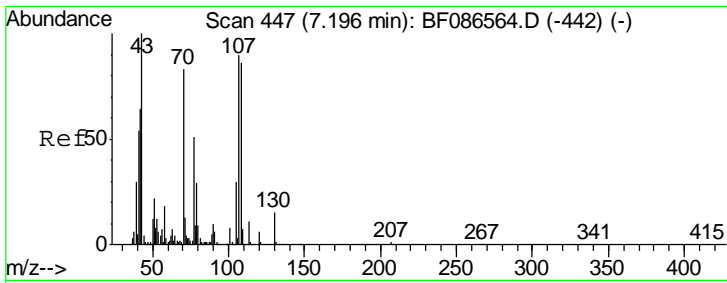
Tgt Ion	Resp	Lower	Upper
99	1579105		
42	29.5	13.6	20.4#
71	37.9	24.6	36.8#



#15  
 Benzyl Alcohol  
 Concen: 2.32 ng  
 RT: 6.91 min Scan# 422  
 Delta R.T. -0.05 min  
 Lab File: BF086621.D  
 Acq: 2 May 2016 16:58

Tgt Ion	Resp	Lower	Upper
79	20034		
108	31.5	68.4	102.6#
77	111.0	50.6	76.0#

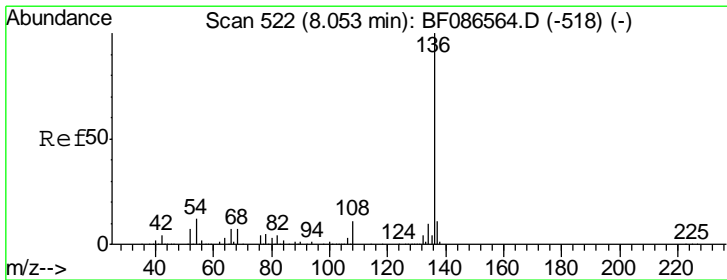
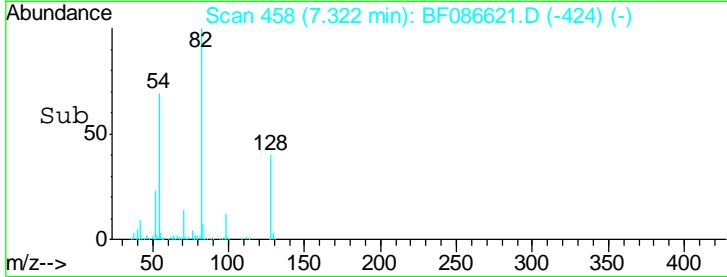
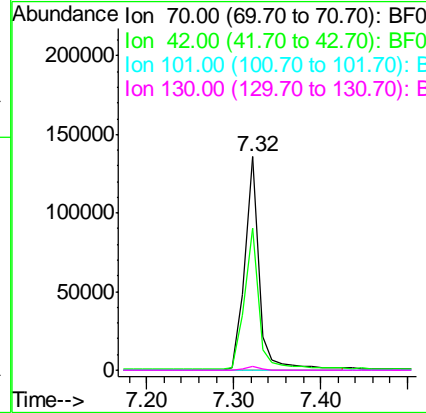
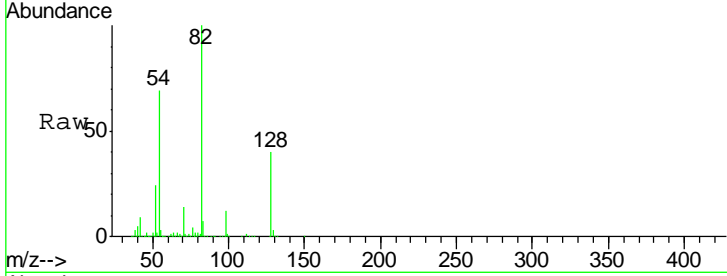




#19  
 n-Nitroso-di-n-propylamine  
 Concen: 17.47 ng  
 RT: 7.32 min Scan# 458  
 Delta R.T. 0.09 min  
 Lab File: BF086621.D  
 Acq: 2 May 2016 16:58

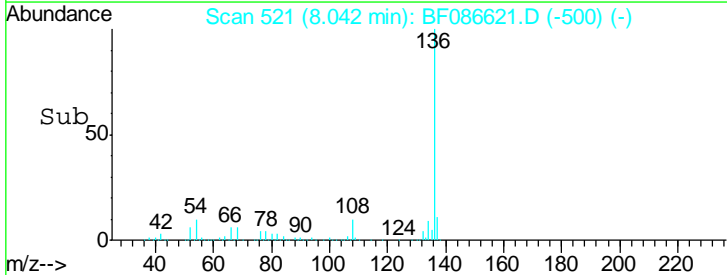
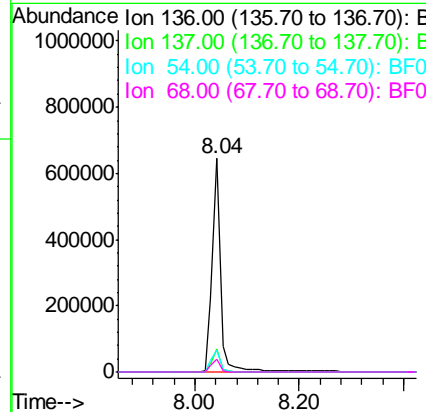
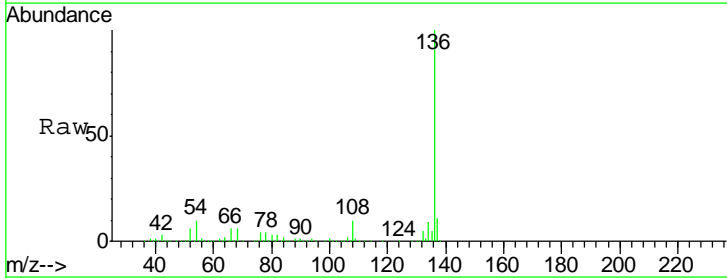
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 26WARD-3-CS-9(0-12FTBGS)

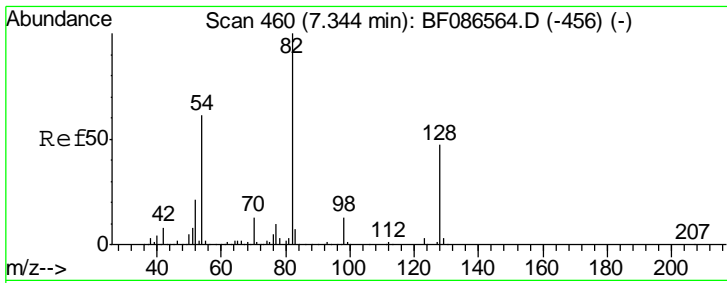
Tgt Ion	Resp	Lower	Upper
70	100		
42	66.7	43.1	64.7#
101	0.0	8.1	12.1#
130	1.8	18.6	28.0#



#21  
 Naphthalene-d8  
 Concen: 20.00 ng  
 RT: 8.04 min Scan# 521  
 Delta R.T. -0.06 min  
 Lab File: BF086621.D  
 Acq: 2 May 2016 16:58

Tgt Ion	Resp	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.2	5.0	7.4#
68	6.1	4.4	6.6

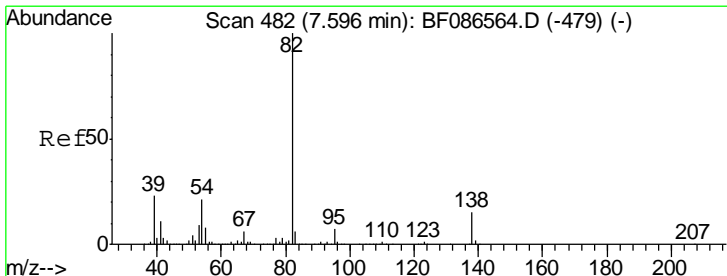
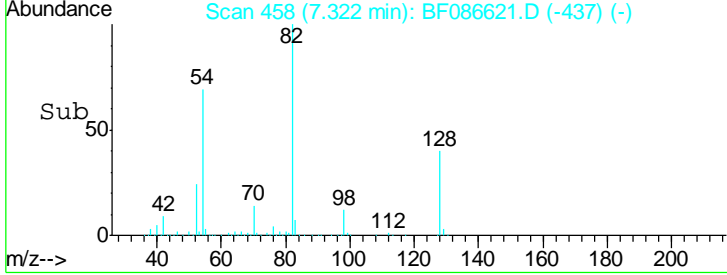
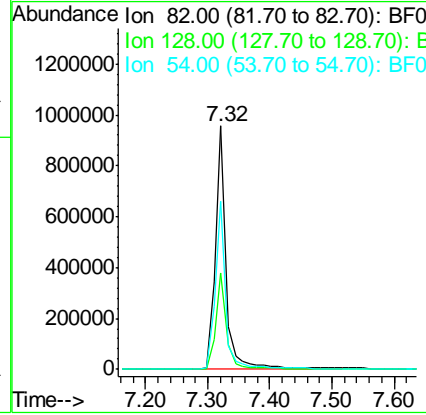
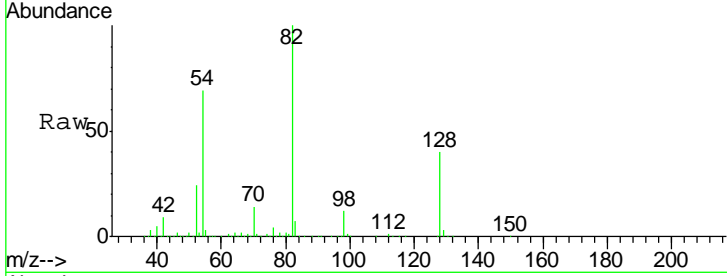




#23  
 Nitrobenzene-d5  
 Concen: 85.61 ng  
 RT: 7.32 min Scan# 458  
 Delta R.T. -0.06 min  
 Lab File: BF086621.D  
 Acq: 2 May 2016 16:58

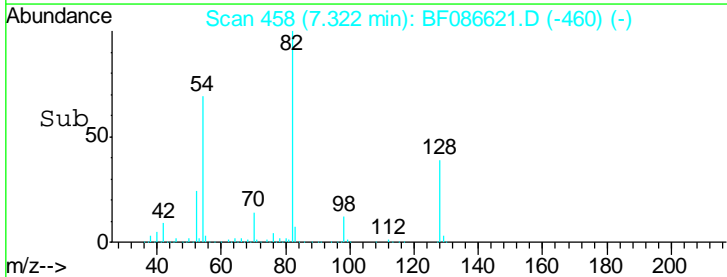
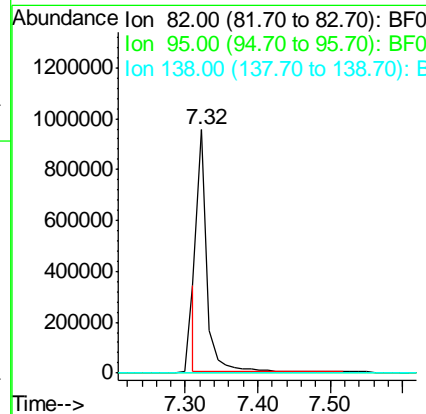
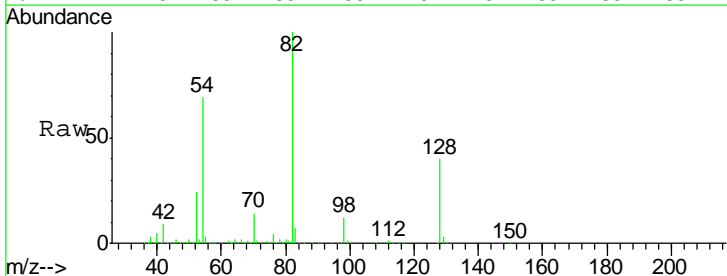
**Instrument :**  
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**ClientSampleId :**  
 26WARD-3-CS-9(0-12FTBGS)

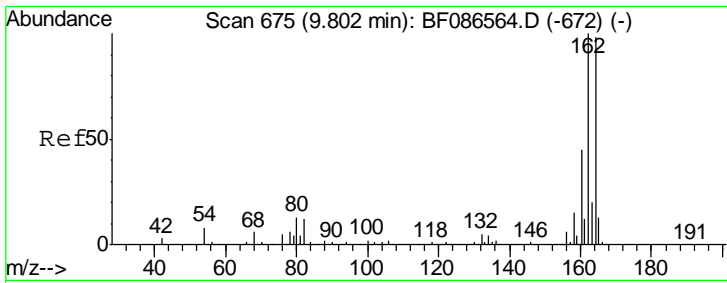
Tgt Ion	Resp	Lower	Upper
82	1162376		
128	39.5	40.6	61.0#
54	68.9	38.1	57.1#



#25  
 Isophorone  
 Concen: 33.05 ng  
 RT: 7.32 min Scan# 458  
 Delta R.T. -0.32 min  
 Lab File: BF086621.D  
 Acq: 2 May 2016 16:58

Tgt Ion	Resp	Lower	Upper
82	863557		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#

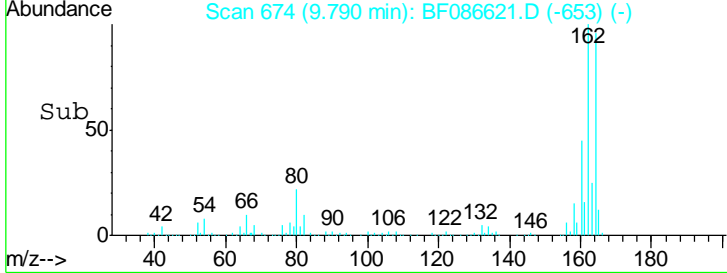
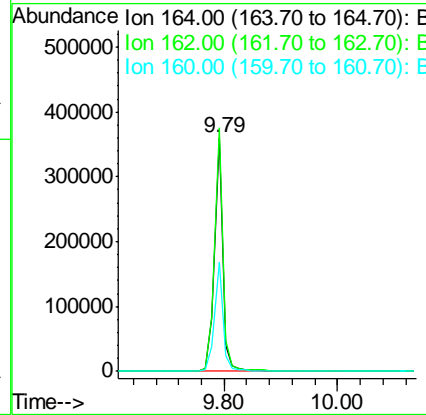
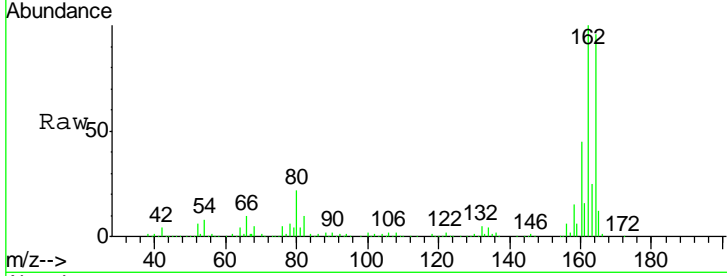




#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.79 min Scan# 674  
 Delta R.T. -0.06 min  
 Lab File: BF086621.D  
 Acq: 2 May 2016 16:58

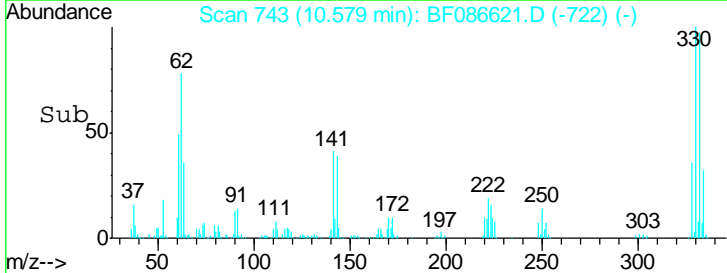
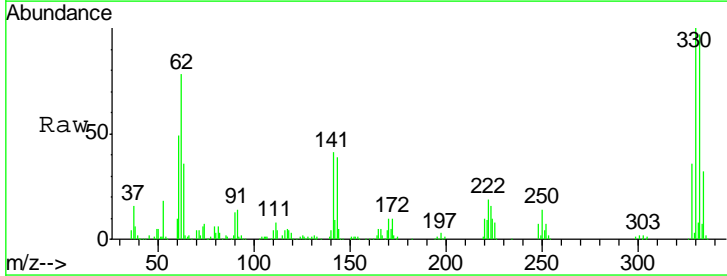
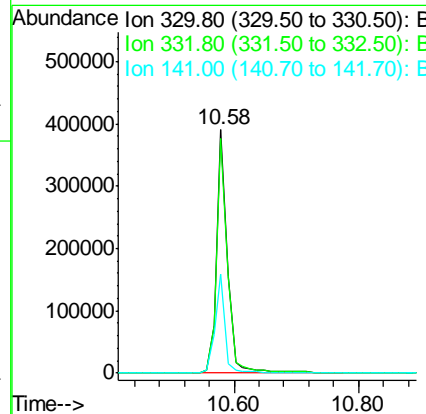
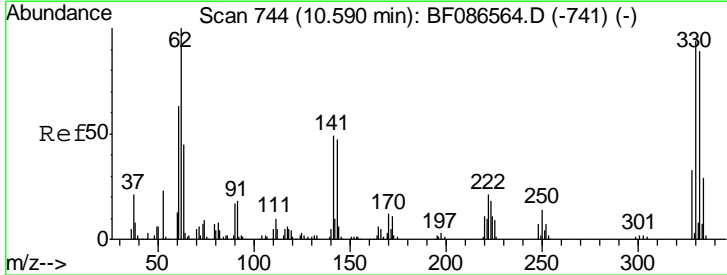
**Instrument :**  
 BNA\_F  
**ClientSampleId :**  
 26WARD-3-CS-9(0-12FTBGS)

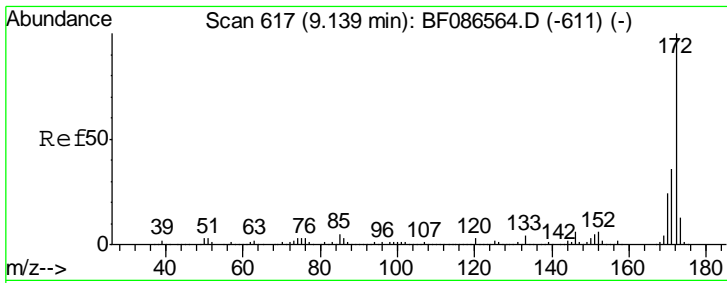
Tgt Ion	Resp	Lower	Upper
164	100		
162	104.3	82.8	124.2
160	46.5	36.9	55.3



#41  
 2,4,6-Tribromophenol  
 Concen: 127.72 ng  
 RT: 10.58 min Scan# 743  
 Delta R.T. -0.06 min  
 Lab File: BF086621.D  
 Acq: 2 May 2016 16:58

Tgt Ion	Resp	Lower	Upper
330	100		
332	98.3	79.0	118.4
141	38.0	31.2	46.8



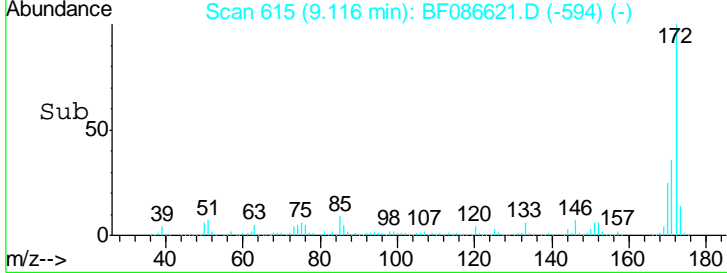
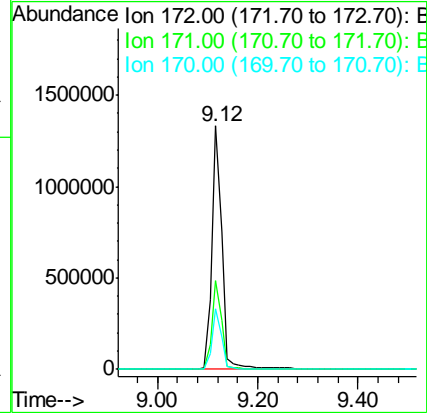
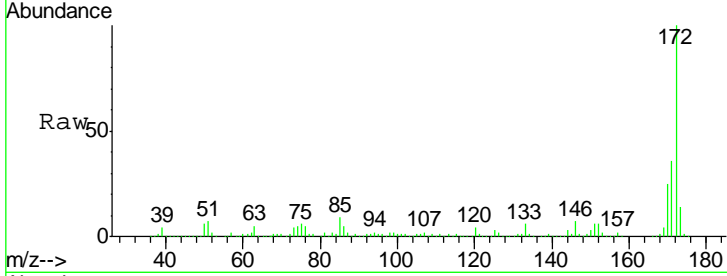


#44  
 2-Fluorobiphenyl  
 Concen: 94.41 ng  
 RT: 9.12 min Scan# 615  
 Delta R.T. -0.06 min  
 Lab File: BF086621.D  
 Acq: 2 May 2016 16:58

Instrument :  
 BNA\_F  
 ClientSampleId :  
 26WARD-3-CS-9(0-12FTBGS)

Tgt Ion:172 Resp: 1863478

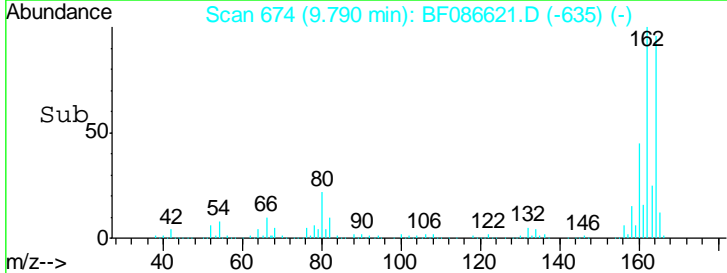
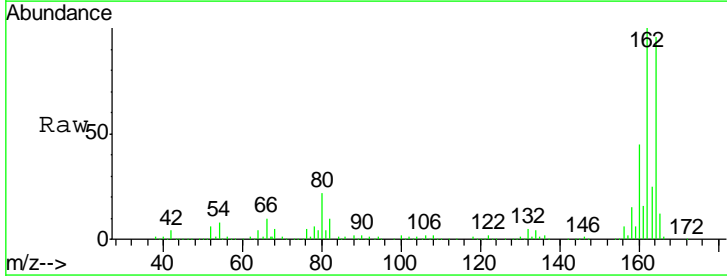
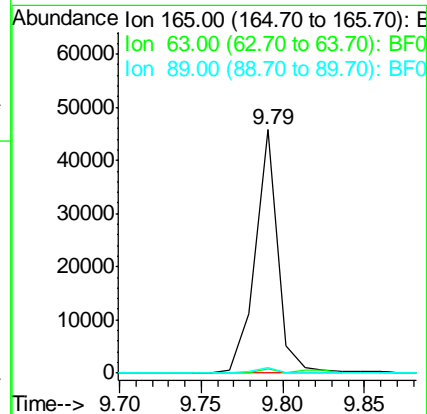
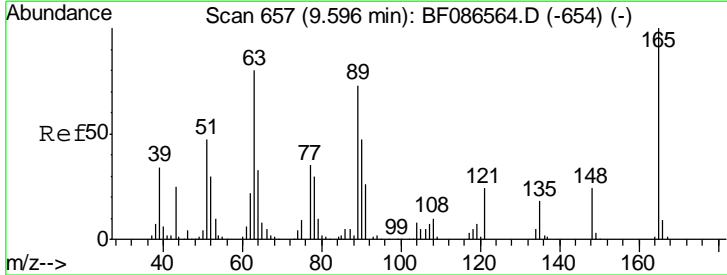
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	25.1	19.8	29.8



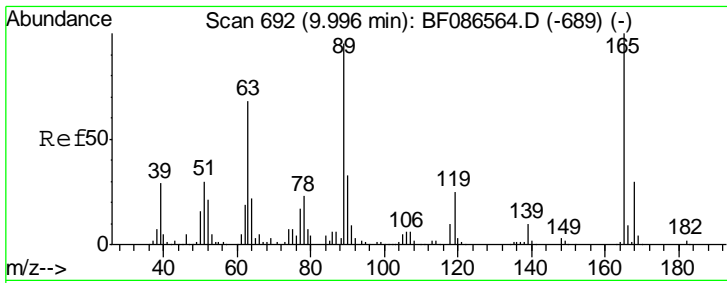
#50  
 2,6-Dinitrotoluene  
 Concen: 8.08 ng  
 RT: 9.79 min Scan# 674  
 Delta R.T. 0.15 min  
 Lab File: BF086621.D  
 Acq: 2 May 2016 16:58

Tgt Ion:165 Resp: 44408

Ion	Ratio	Lower	Upper
165	100		
63	1.8	51.8	77.8#
89	2.1	50.7	76.1#

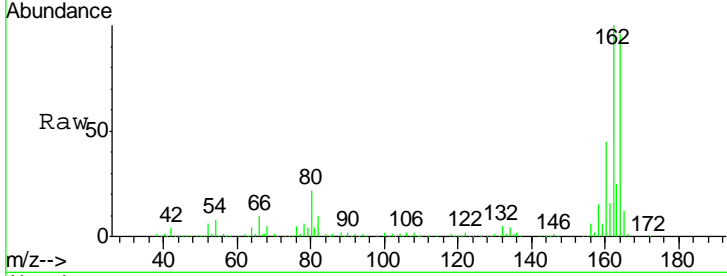




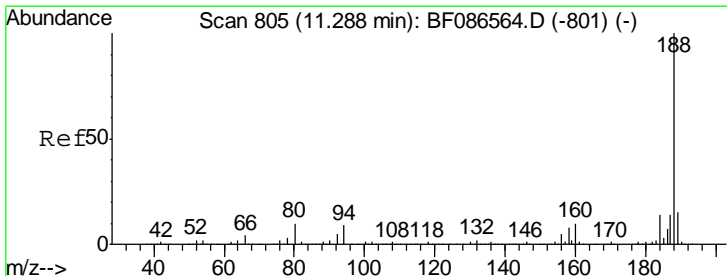
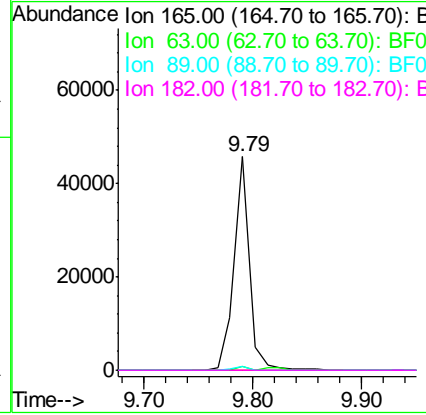
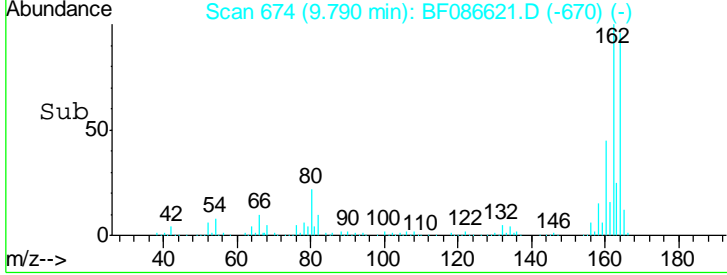


#56  
 2,4-Dinitrotoluene  
 Concen: 6.40 ng  
 RT: 9.79 min Scan# 674  
 Delta R.T. -0.25 min  
 Lab File: BF086621.D  
 Acq: 2 May 2016 16:58

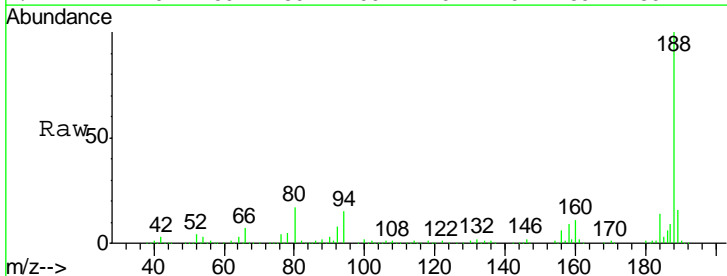
Instrument :  
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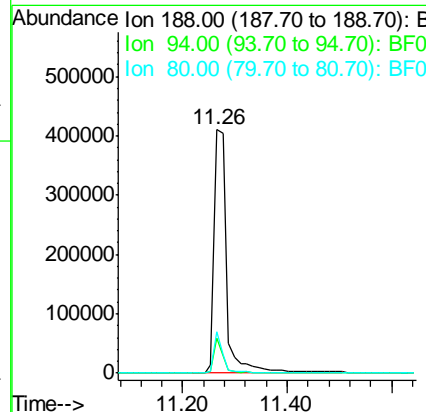
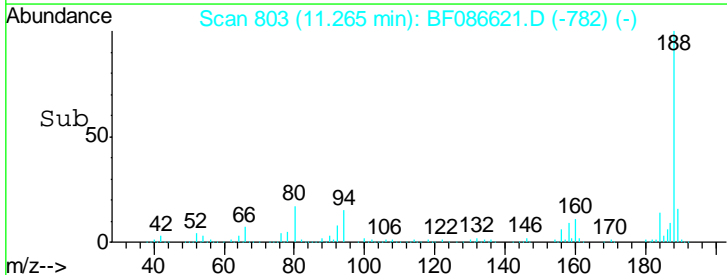
Tgt Ion	Resp	Lower	Upper
165	100		
63	1.8	44.3	66.5#
89	2.1	70.0	105.0#
182	0.0	1.8	2.6#

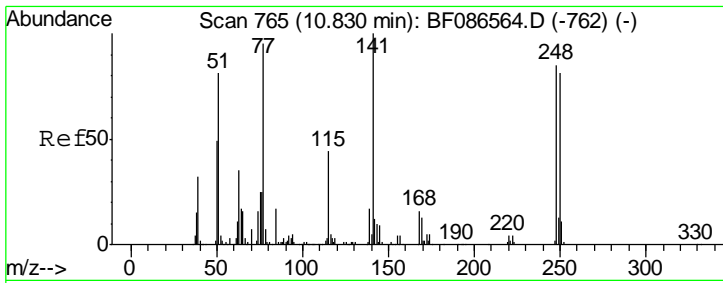


#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 11.26 min Scan# 803  
 Delta R.T. -0.06 min  
 Lab File: BF086621.D  
 Acq: 2 May 2016 16:58



Tgt Ion	Resp	Lower	Upper
188	100		
94	14.5	6.8	10.2#
80	16.7	7.1	10.7#

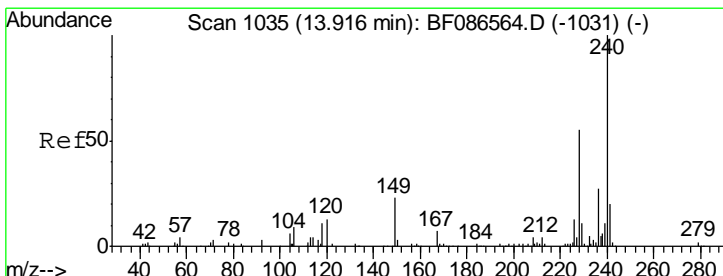
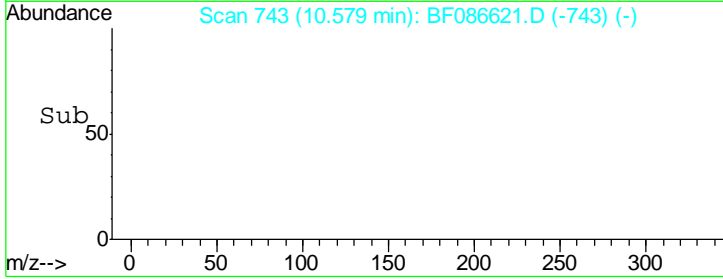
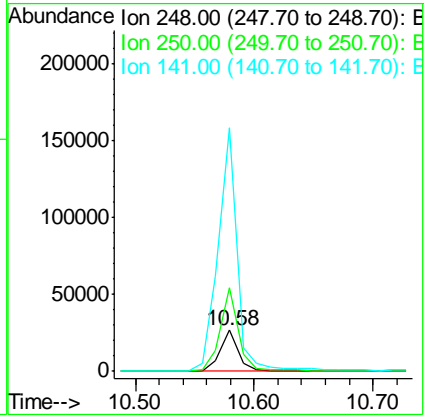
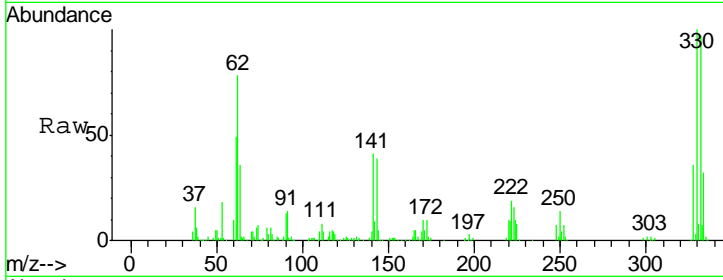




#66  
 4-Bromophenyl-phenylether  
 Concen: 4.06 ng  
 RT: 10.58 min Scan# 743  
 Delta R.T. -0.30 min  
 Lab File: BF086621.D  
 Acq: 2 May 2016 16:58

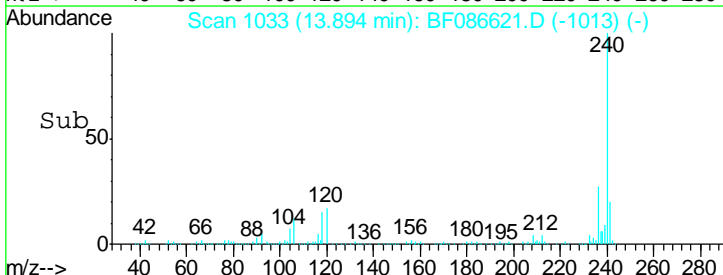
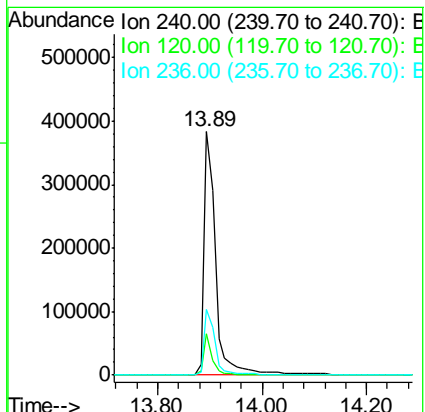
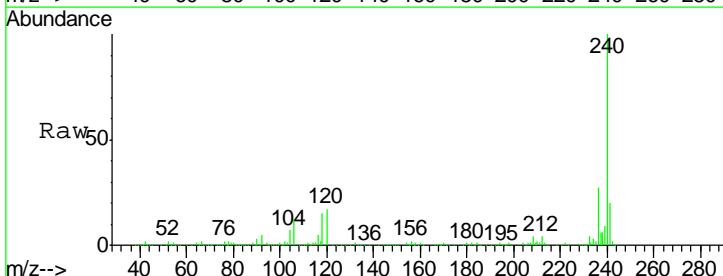
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 26WARD-3-CS-9(0-12FTBGS)

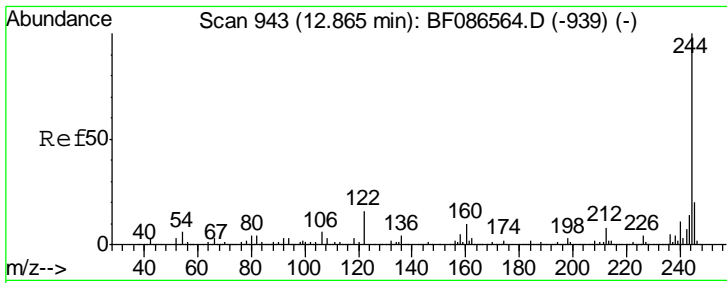
Tgt Ion	Resp	Lower	Upper
248	100		
250	202.0	78.6	117.8#
141	592.3	76.0	114.0#



#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 13.89 min Scan# 1033  
 Delta R.T. -0.07 min  
 Lab File: BF086621.D  
 Acq: 2 May 2016 16:58

Tgt Ion	Resp	Lower	Upper
240	100		
120	17.2	11.2	16.8#
236	26.8	21.2	31.8

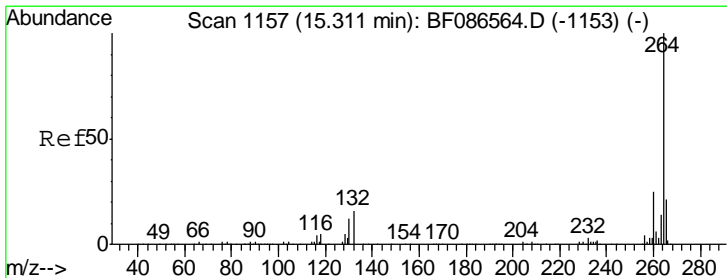
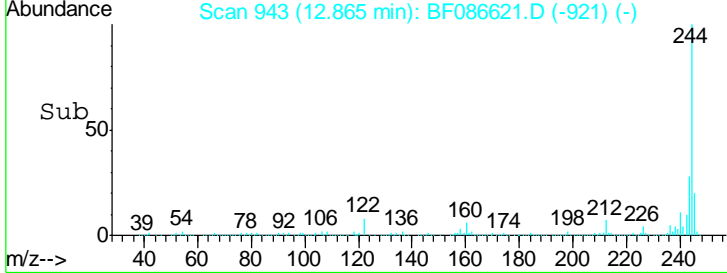
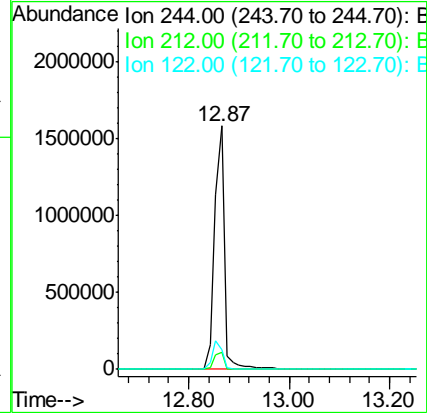
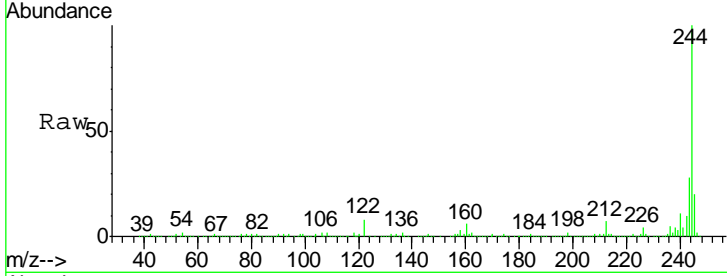




#78  
 Terphenyl-d14  
 Concen: 80.03 ng  
 RT: 12.87 min Scan# 943  
 Delta R.T. -0.05 min  
 Lab File: BF086621.D  
 Acq: 2 May 2016 16:58

Instrument :  
 BNA\_F  
 ClientSampleId :  
 26WARD-3-CS-9(0-12FTBGS)

Tgt Ion	Resp	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	7.9	12.0	18.0



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.29 min Scan# 1155  
 Delta R.T. -0.07 min  
 Lab File: BF086621.D  
 Acq: 2 May 2016 16:58

Tgt Ion	Resp	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	20.6	17.3	25.9

