

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF072215\  
 Data File : BF080581.D  
 Acq On : 23 Jul 2015 4:29  
 Operator : TP/UM  
 Sample : G3045-01  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-2

Quant Time: Jul 23 05:51:48 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF072215.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 23 05:13:42 2015  
 Response via : Initial Calibration

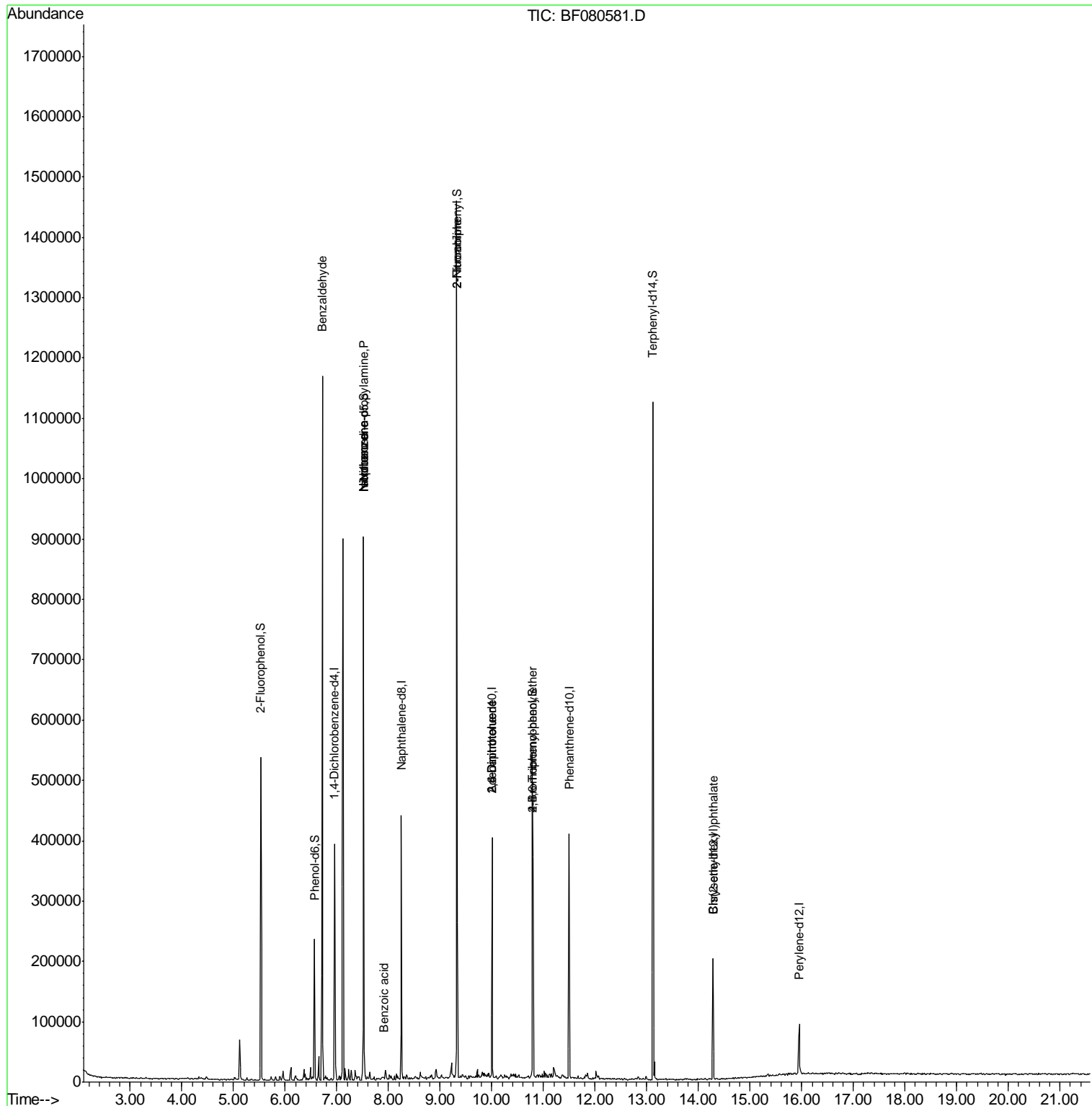
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	45412	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	166559	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	74754	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	130423	20.00	ng	0.00
75) Chrysene-d12	14.28	240	77148	20.00	ng	-0.03
86) Perylene-d12	15.95	264	47017	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	133082	51.97	ng	0.00
7) Phenol-d6	6.57	99	97033	30.77	ng	0.00
23) Nitrobenzene-d5	7.52	82	218313	84.42	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	62751	113.28	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	372365	71.63	ng	0.00
78) Terphenyl-d14	13.12	244	319963	85.05	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.72	77	6993	2.95	ng	91
19) n-Nitroso-di-n-propylamine	7.52	70	32458	16.02	ng	# 77
24) Nitrobenzene	7.52	77	593	4.50	ng	# 32
25) Isophorone	7.52	82	203020	37.17	ng	# 66
32) Benzoic acid	7.92	122	759	4.41	ng	95
47) 2-Nitroaniline	9.32	65	827	3.41	ng	# 1
50) 2,6-Dinitrotoluene	10.01	165	9776	14.02	ng	# 16
56) 2,4-Dinitrotoluene	10.01	165	9777	16.55	ng	# 12
66) 4-Bromophenyl-phenylether	10.80	248	4516	3.60	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.28	149	660	3.30	ng	# 54

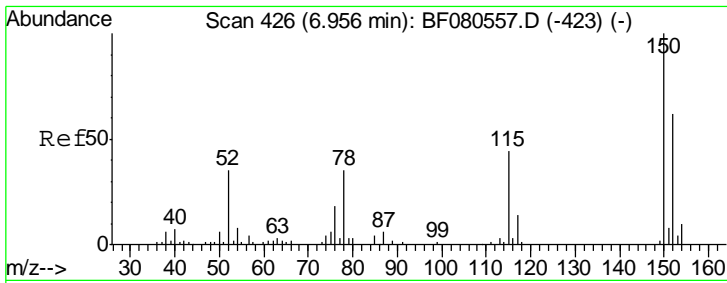
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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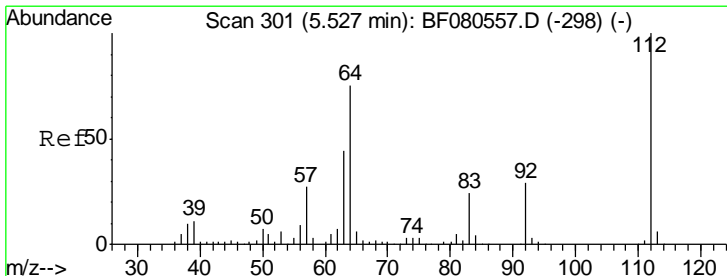
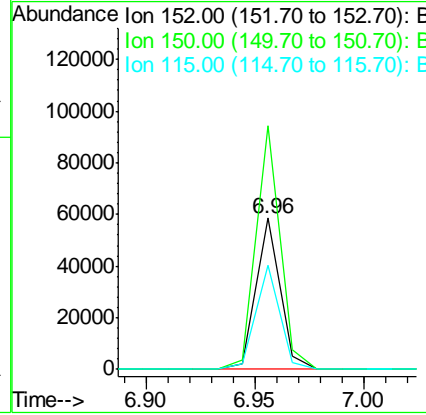
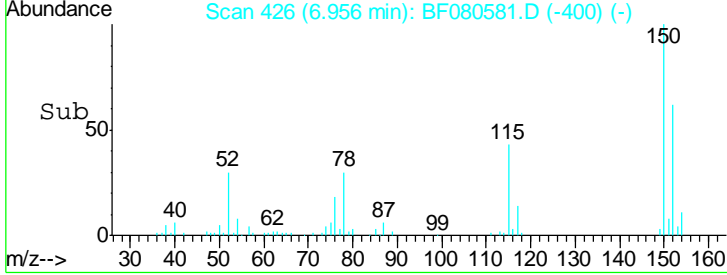
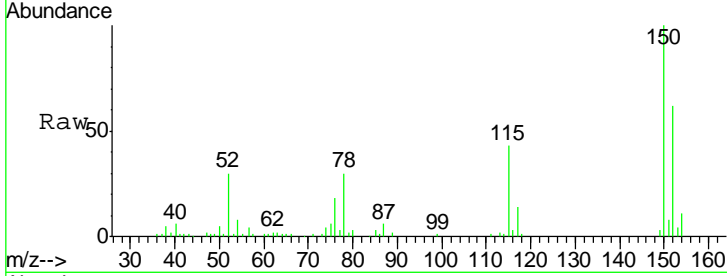




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.96 min Scan# 426  
 Delta R.T. 0.00 min  
 Lab File: BF080581.D  
 Acq: 23 Jul 2015 4:29

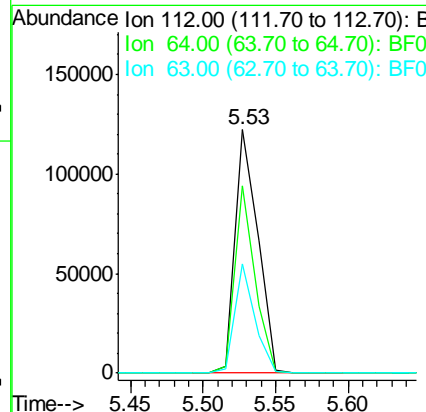
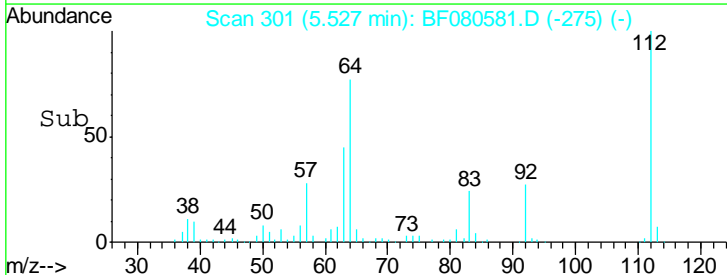
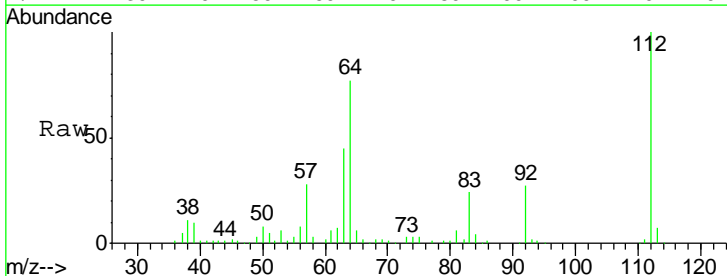
Instrument :  
 BNA\_F  
 ClientSampleID :  
 MW-2

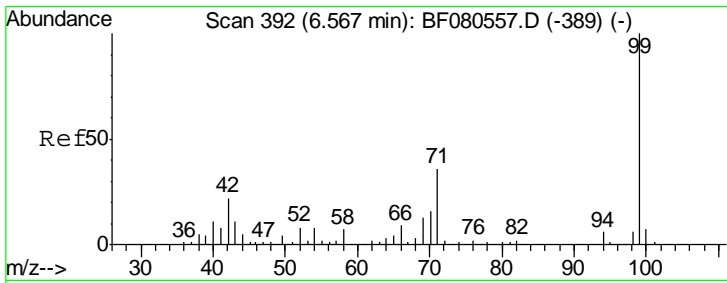
Tgt Ion	Resp	Lower	Upper
152	45412		
150	160.8	128.7	193.1
115	68.7	56.8	85.2



#5  
 2-Fluorophenol  
 Concen: 51.97 ng  
 RT: 5.53 min Scan# 301  
 Delta R.T. 0.00 min  
 Lab File: BF080581.D  
 Acq: 23 Jul 2015 4:29

Tgt Ion	Resp	Lower	Upper
112	133082		
64	76.9	60.2	90.2
63	45.0	34.8	52.2

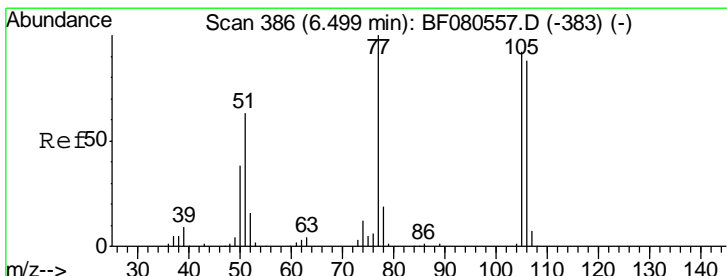
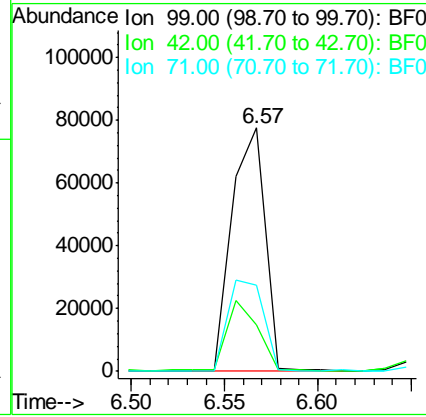
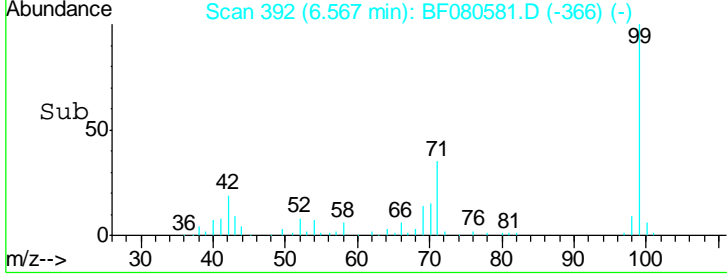
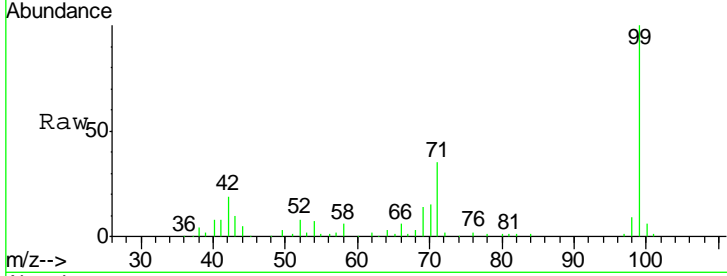




#7  
 Phenol-d6  
 Concen: 30.77 ng  
 RT: 6.57 min Scan# 392  
 Delta R.T. 0.00 min  
 Lab File: BF080581.D  
 Acq: 23 Jul 2015 4:29

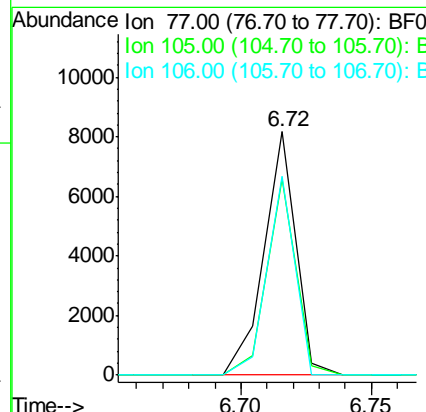
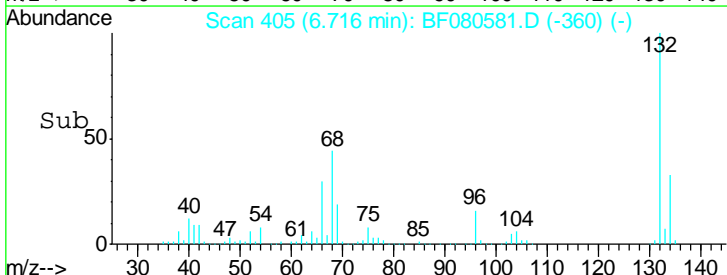
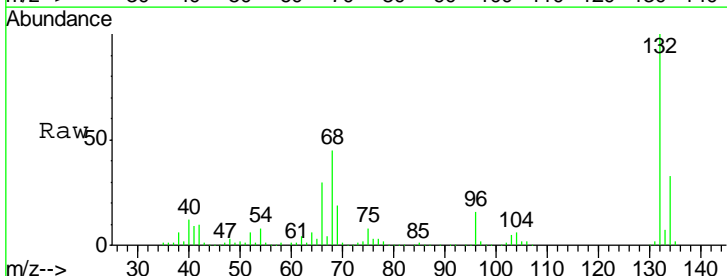
Instrument :  
 BNA\_F  
 ClientSampled :  
 MW-2

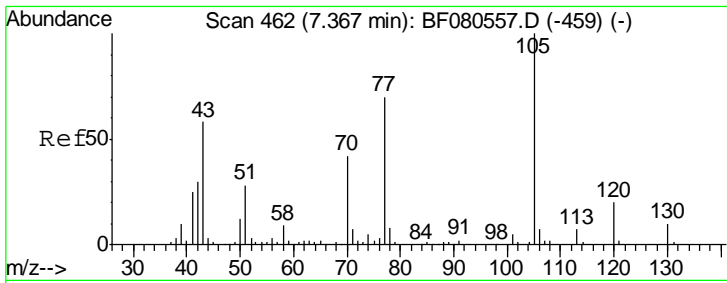
Tgt Ion	Resp	Lower	Upper
99	97033		
42	19.2	17.4	26.2
71	35.2	29.0	43.6



#9  
 Benzaldehyde  
 Concen: 2.95 ng  
 RT: 6.72 min Scan# 405  
 Delta R.T. 0.22 min  
 Lab File: BF080581.D  
 Acq: 23 Jul 2015 4:29

Tgt Ion	Resp	Lower	Upper
77	6993		
105	80.7	72.3	112.3
106	81.9	67.5	107.5

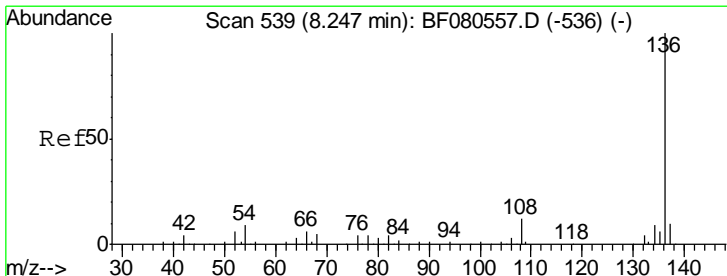
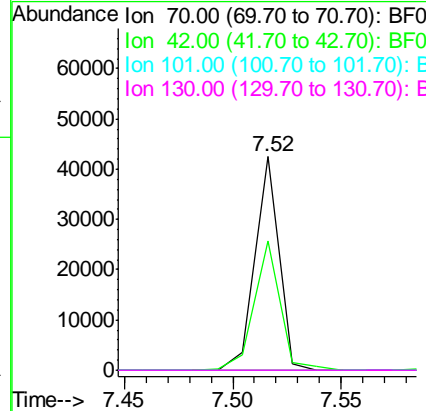
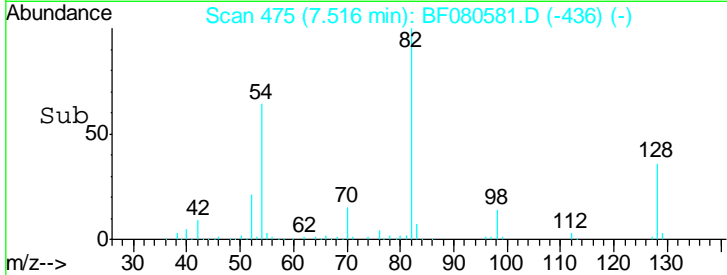
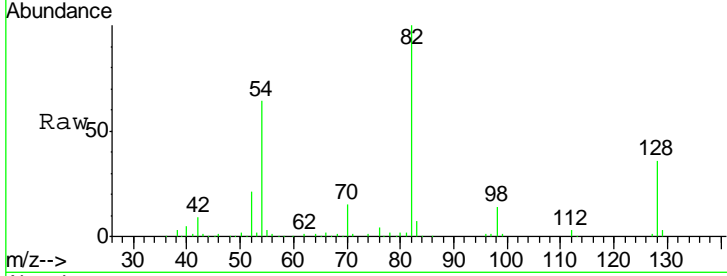




#19  
 n-Nitroso-di-n-propylamine  
 Concen: 16.02 ng  
 RT: 7.52 min Scan# 475  
 Delta R.T. 0.15 min  
 Lab File: BF080581.D  
 Acq: 23 Jul 2015 4:29

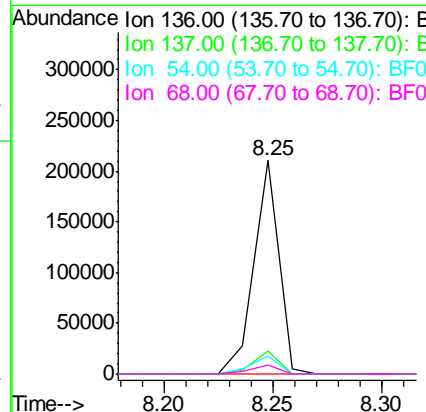
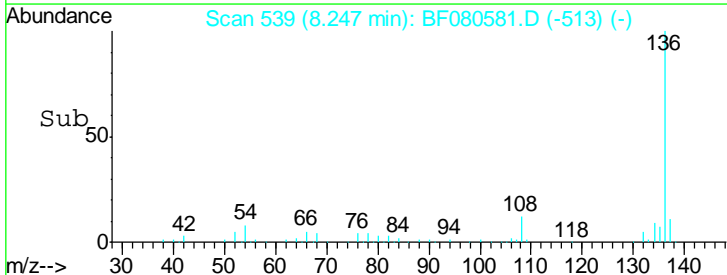
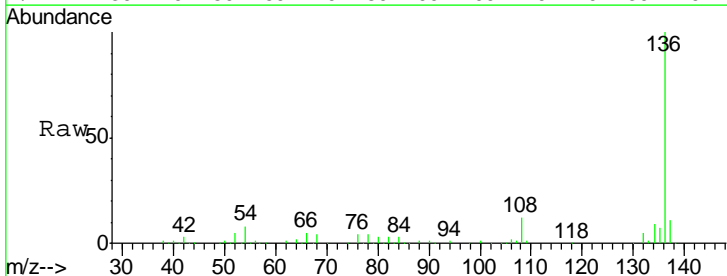
Instrument :  
 BNA\_F  
 ClientSampled :  
 MW-2

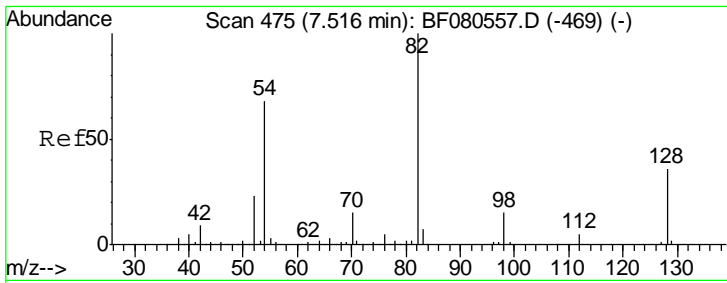
Tgt Ion	Resp	Lower	Upper
70	100		
42	60.5	56.6	85.0
101	0.0	9.7	14.5#
130	0.0	19.1	28.7#



#21  
 Naphthalene-d8  
 Concen: 20.00 ng  
 RT: 8.25 min Scan# 539  
 Delta R.T. 0.00 min  
 Lab File: BF080581.D  
 Acq: 23 Jul 2015 4:29

Tgt Ion	Resp	Lower	Upper
136	100		
137	11.0	7.8	11.8
54	8.2	7.2	10.8
68	4.3	3.8	5.6

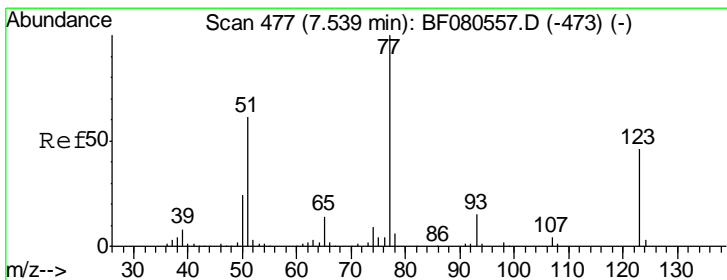
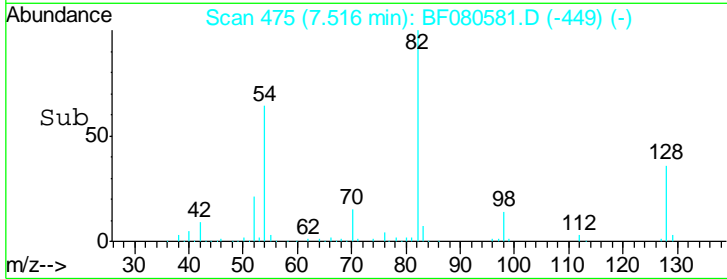
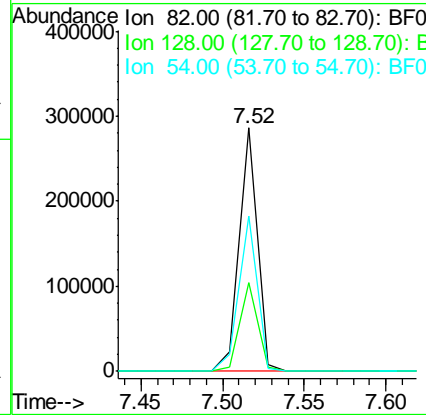
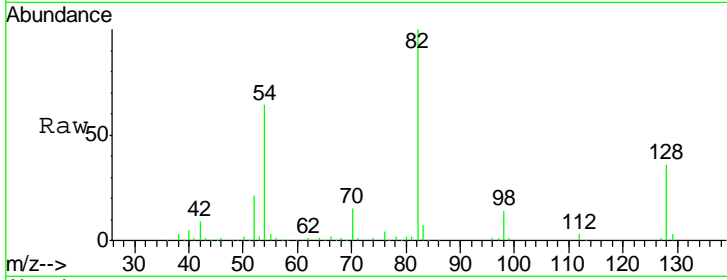




#23  
 Nitrobenzene-d5  
 Concen: 84.42 ng  
 RT: 7.52 min Scan# 475  
 Delta R.T. 0.00 min  
 Lab File: BF080581.D  
 Acq: 23 Jul 2015 4:29

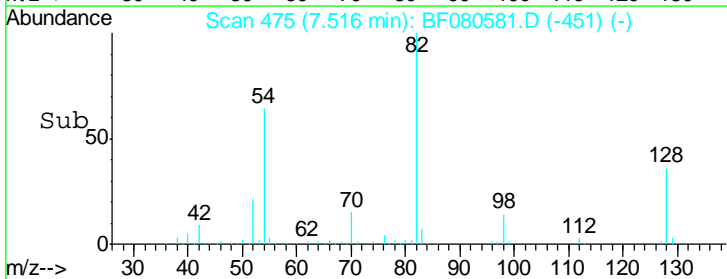
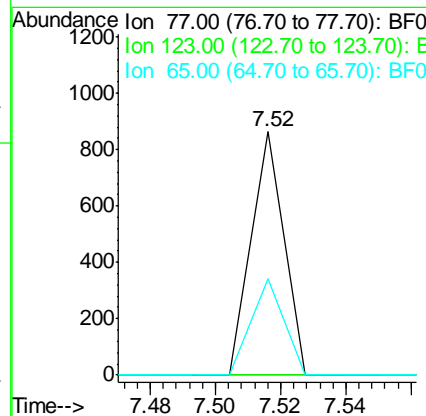
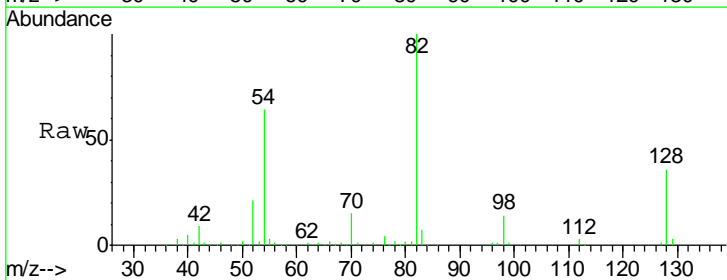
Instrument :  
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 ClientSampled :  
 MW-2

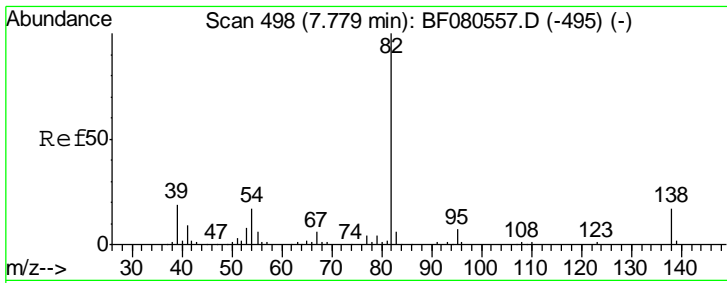
Tgt Ion	Resp	Lower	Upper
82	218313		
128	36.4	28.9	43.3
54	63.8	54.5	81.7



#24  
 Nitrobenzene  
 Concen: 4.50 ng  
 RT: 7.52 min Scan# 475  
 Delta R.T. -0.02 min  
 Lab File: BF080581.D  
 Acq: 23 Jul 2015 4:29

Tgt Ion	Resp	Lower	Upper
77	593		
123	0.0	37.1	55.7#
65	39.7	11.4	17.2#

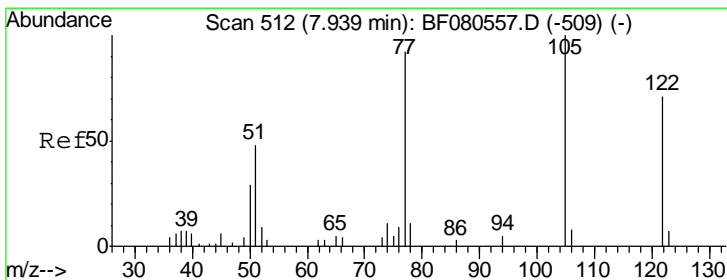
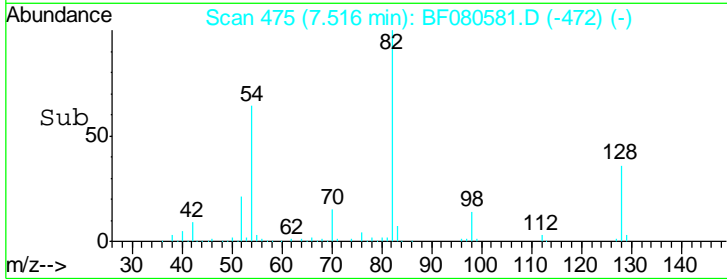
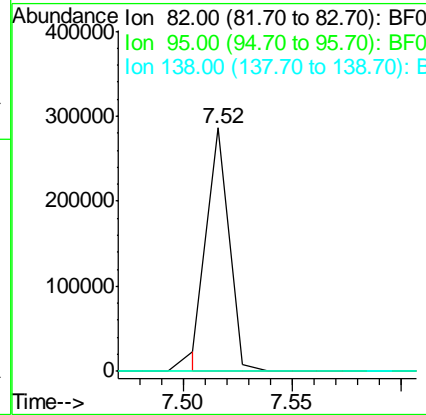
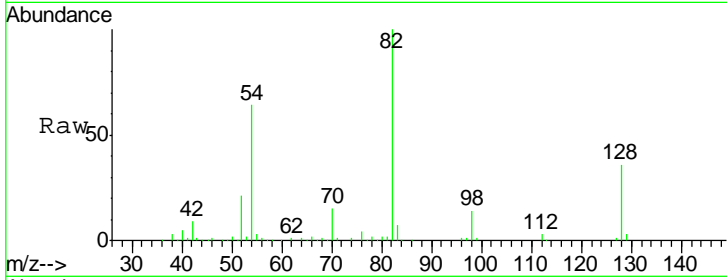




#25  
 Isophorone  
 Concen: 37.17 ng  
 RT: 7.52 min Scan# 475  
 Delta R.T. -0.26 min  
 Lab File: BF080581.D  
 Acq: 23 Jul 2015 4:29

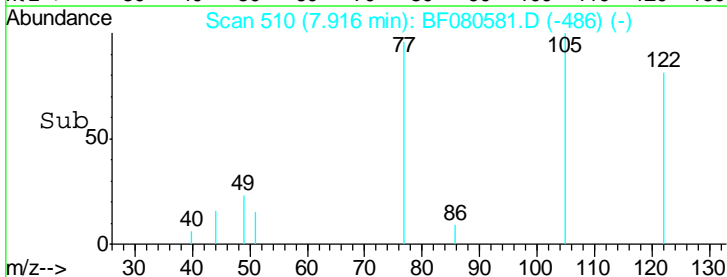
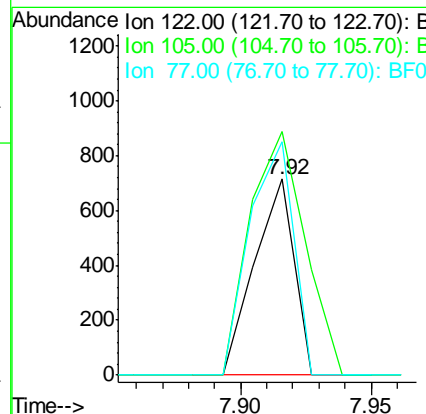
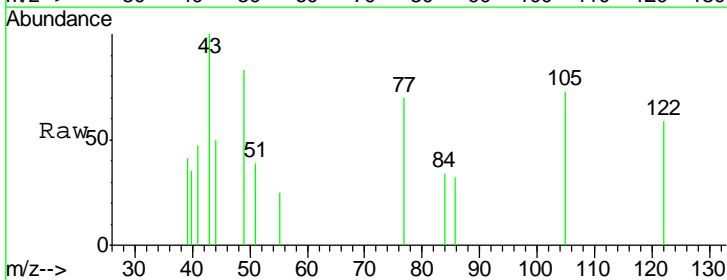
Instrument :  
 BNA\_F  
 ClientSampled :  
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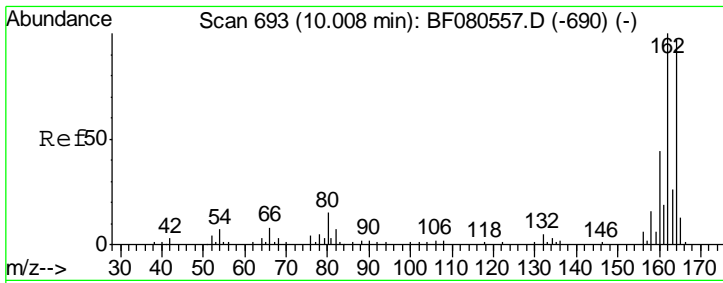
Tgt Ion	Resp	Lower	Upper
82	100		
95	0.0	5.9	8.9#
138	0.0	13.4	20.2#



#32  
 Benzoic acid  
 Concen: 4.41 ng  
 RT: 7.92 min Scan# 510  
 Delta R.T. -0.02 min  
 Lab File: BF080581.D  
 Acq: 23 Jul 2015 4:29

Tgt Ion	Resp	Lower	Upper
122	100		
105	124.2	112.5	152.5
77	118.9	102.5	142.5

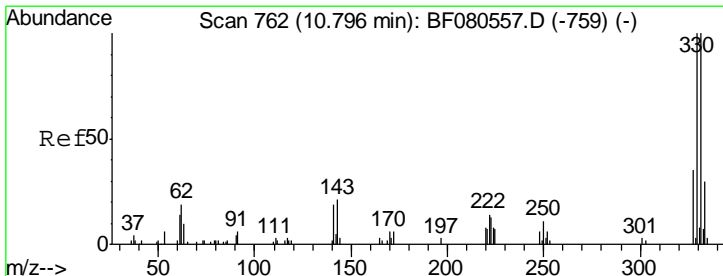
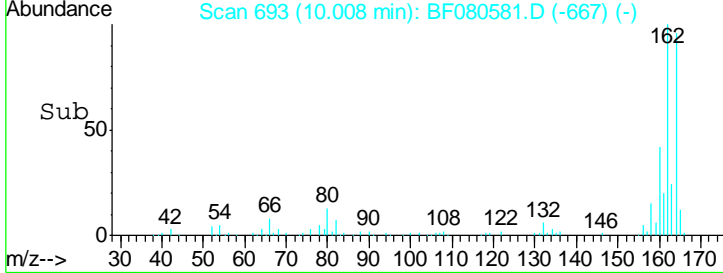
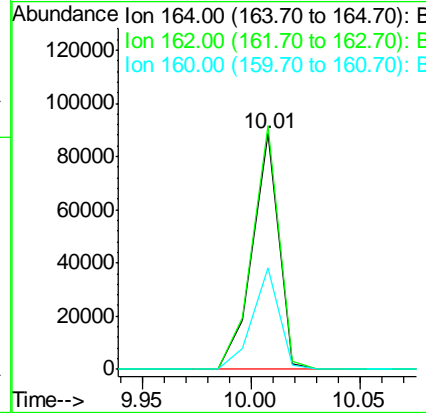
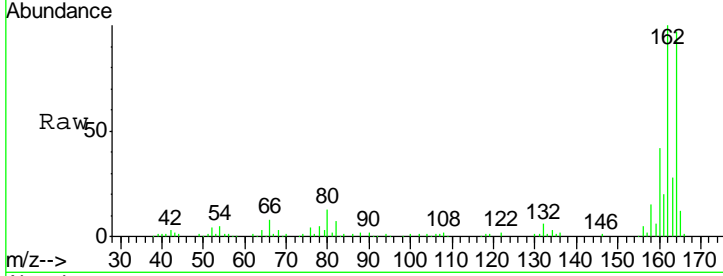




#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.01 min Scan# 693  
 Delta R.T. 0.00 min  
 Lab File: BF080581.D  
 Acq: 23 Jul 2015 4:29

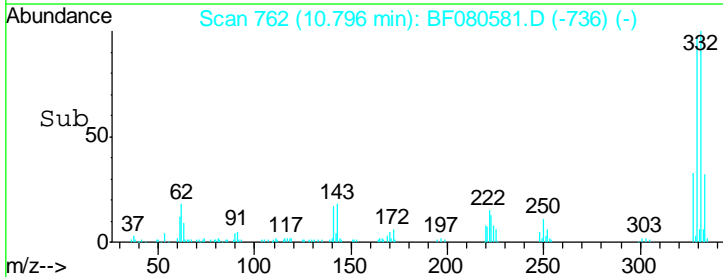
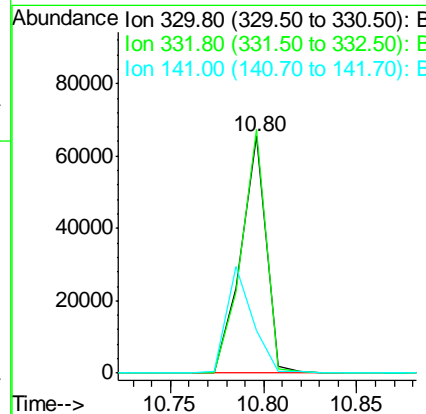
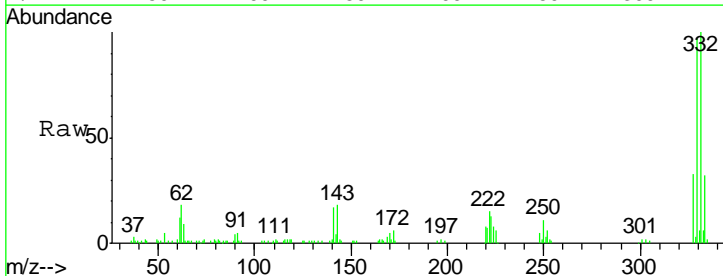
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-2

Tgt Ion	Resp	Lower	Upper
164	100		
162	103.4	82.2	123.4
160	43.2	36.1	54.1

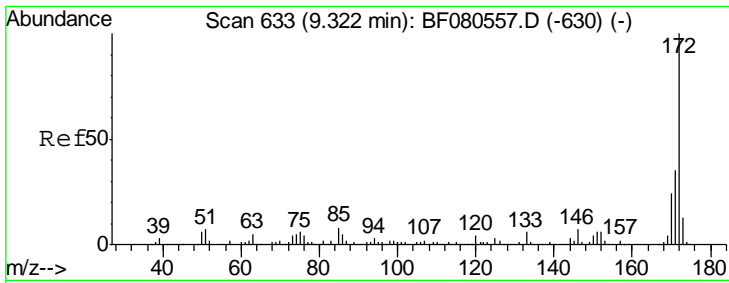


#41  
 2,4,6-Tribromophenol  
 Concen: 113.28 ng  
 RT: 10.80 min Scan# 762  
 Delta R.T. 0.00 min  
 Lab File: BF080581.D  
 Acq: 23 Jul 2015 4:29

Tgt Ion	Resp	Lower	Upper
330	100		
332	100.2	78.3	117.5
141	46.9	37.9	56.9



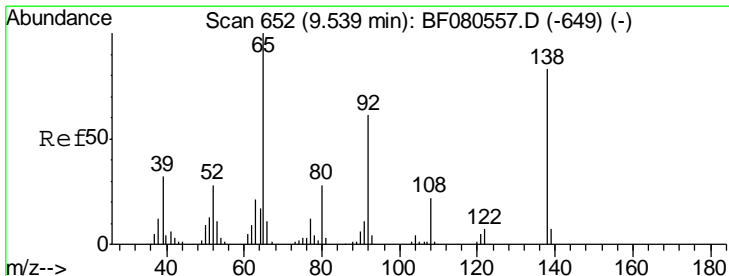
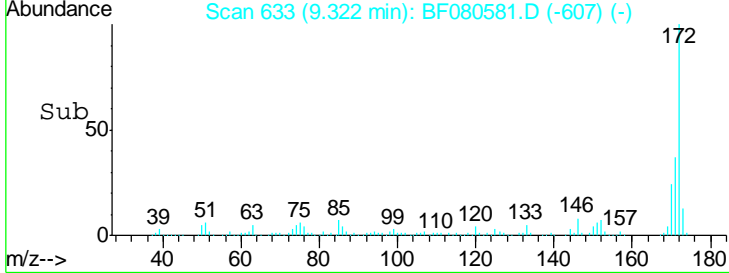
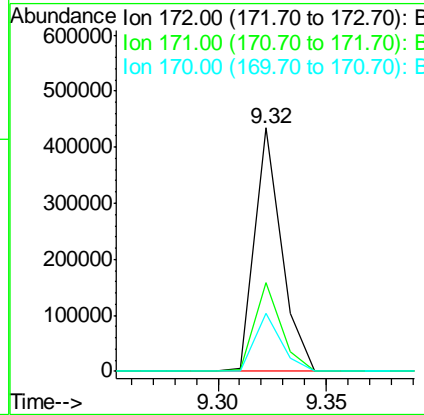
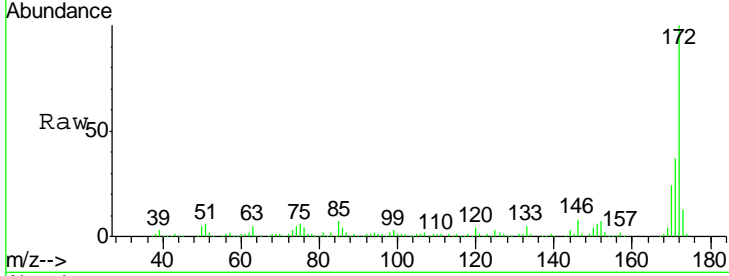




#44  
 2-Fluorobiphenyl  
 Concen: 71.63 ng  
 RT: 9.32 min Scan# 633  
 Delta R.T. 0.00 min  
 Lab File: BF080581.D  
 Acq: 23 Jul 2015 4:29

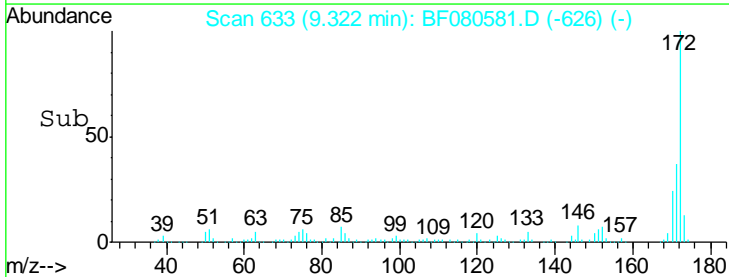
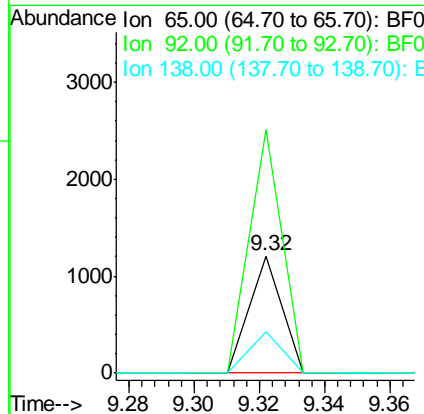
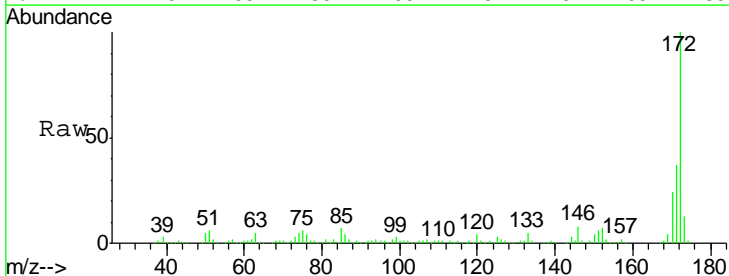
Instrument :  
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 ClientSampled :  
 MW-2

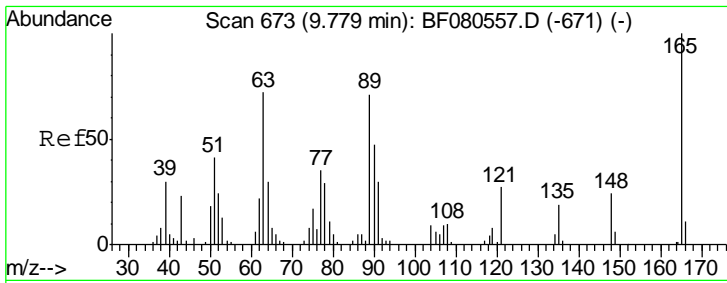
Tgt Ion	Resp	Lower	Upper
172	372365		
171	100	27.7	41.5
170	36.7	19.1	28.7



#47  
 2-Nitroaniline  
 Concen: 3.41 ng  
 RT: 9.32 min Scan# 633  
 Delta R.T. -0.22 min  
 Lab File: BF080581.D  
 Acq: 23 Jul 2015 4:29

Tgt Ion	Resp	Lower	Upper
65	827		
92	100	48.7	73.1#
138	208.2	66.8	100.2#

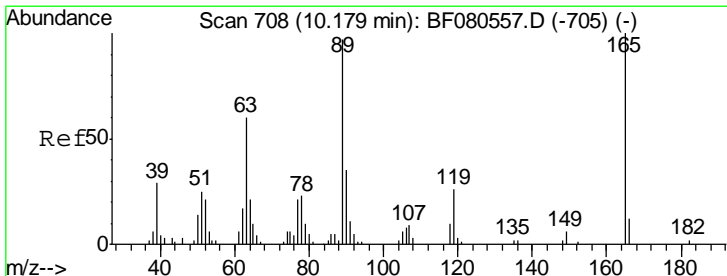
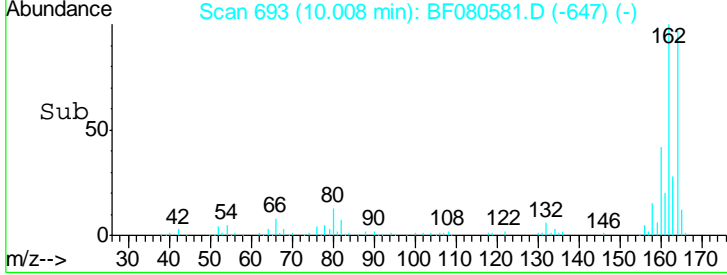
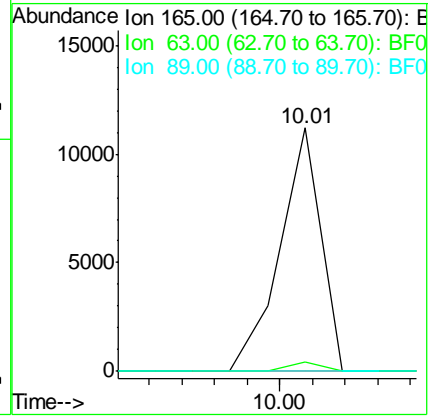
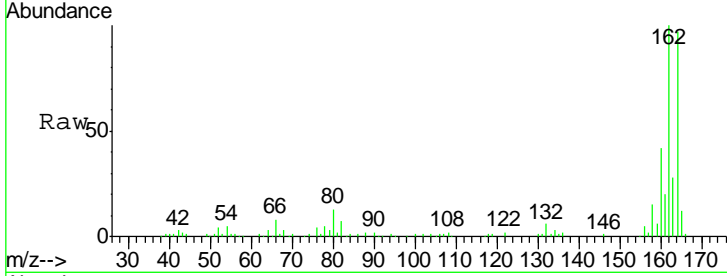




#50  
 2,6-Dinitrotoluene  
 Concen: 14.02 ng  
 RT: 10.01 min Scan# 693  
 Delta R.T. 0.23 min  
 Lab File: BF080581.D  
 Acq: 23 Jul 2015 4:29

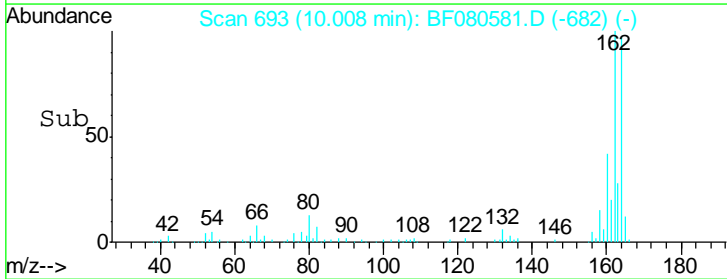
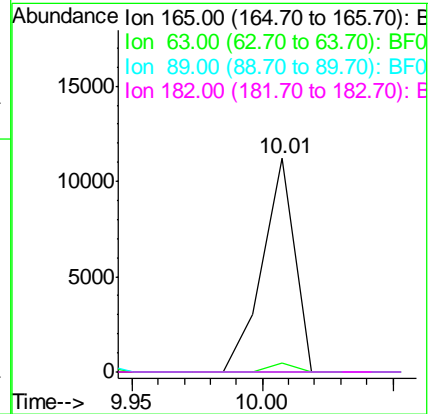
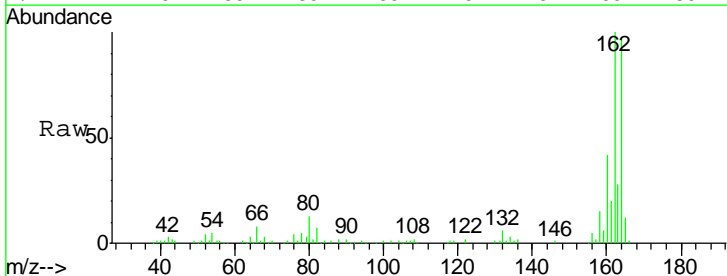
Instrument :  
 BNA\_F  
 ClientSampled :  
 MW-2

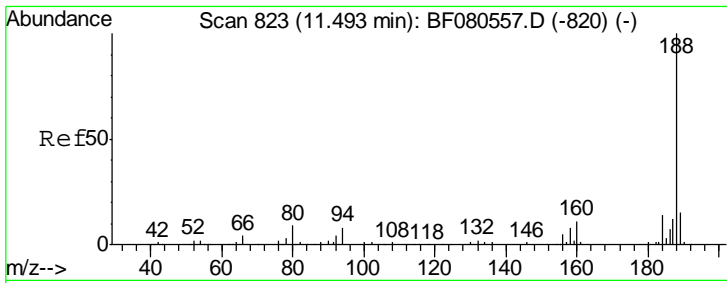
Tgt Ion	Resp	Lower	Upper
165	100		
63	3.9	59.0	88.6#
89	0.0	56.9	85.3#



#56  
 2,4-Dinitrotoluene  
 Concen: 16.55 ng  
 RT: 10.01 min Scan# 693  
 Delta R.T. -0.17 min  
 Lab File: BF080581.D  
 Acq: 23 Jul 2015 4:29

Tgt Ion	Resp	Lower	Upper
165	100		
63	3.9	48.1	72.1#
89	0.0	77.4	116.0#
182	0.0	1.3	1.9#

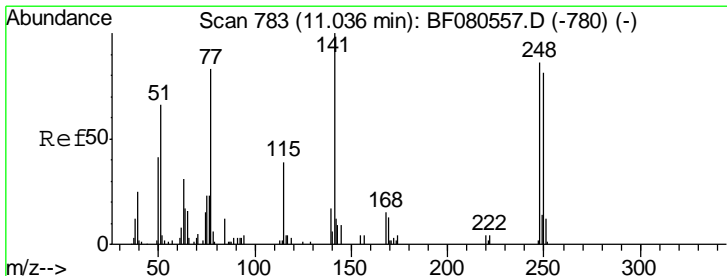
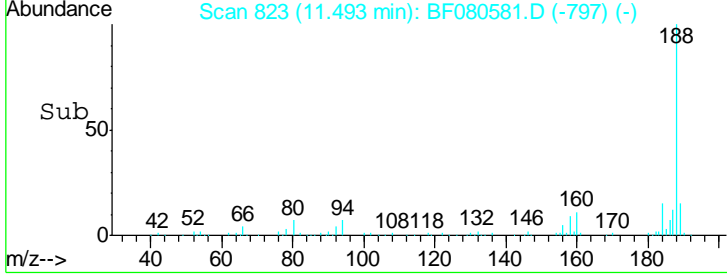
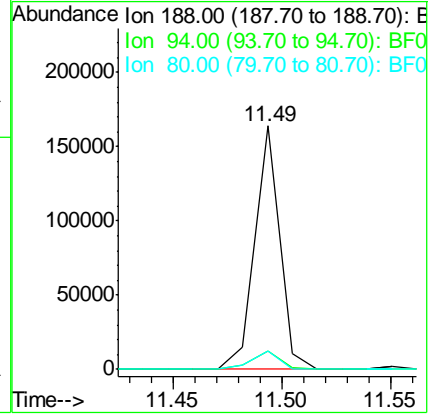
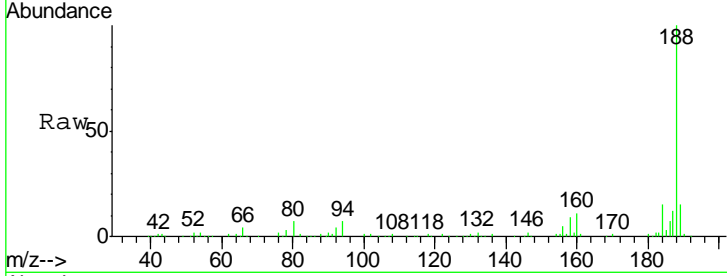




#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 11.49 min Scan# 823  
 Delta R.T. 0.00 min  
 Lab File: BF080581.D  
 Acq: 23 Jul 2015 4:29

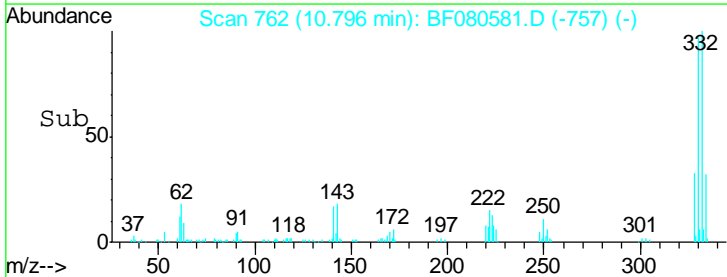
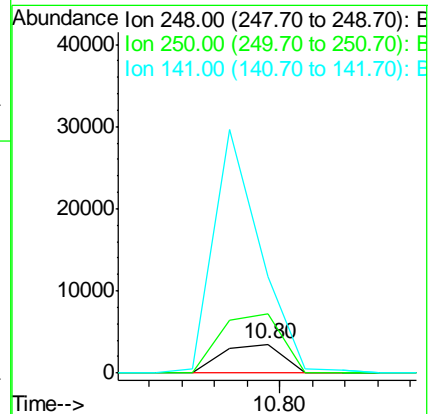
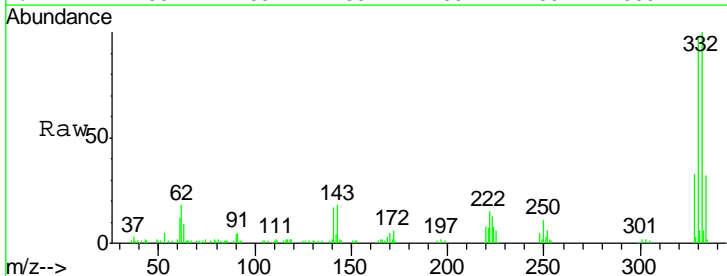
Instrument :  
 BNA\_F  
 ClientSampled :  
 MW-2

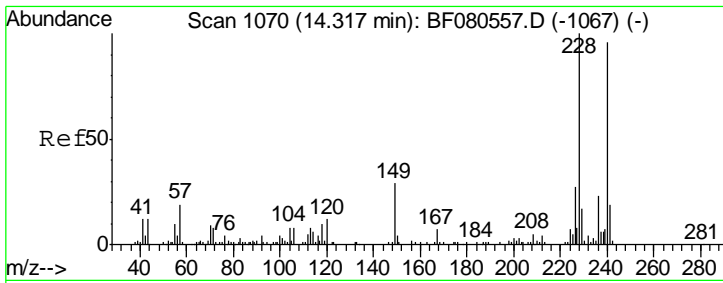
Tgt Ion	Resp	Lower	Upper
188	130423		
94	7.3	6.1	9.1
80	7.3	7.0	10.6



#66  
 4-Bromophenyl-phenylether  
 Concen: 3.60 ng  
 RT: 10.80 min Scan# 762  
 Delta R.T. -0.24 min  
 Lab File: BF080581.D  
 Acq: 23 Jul 2015 4:29

Tgt Ion	Resp	Lower	Upper
248	4516		
250	203.6	75.4	113.2#
141	334.7	93.4	140.0#

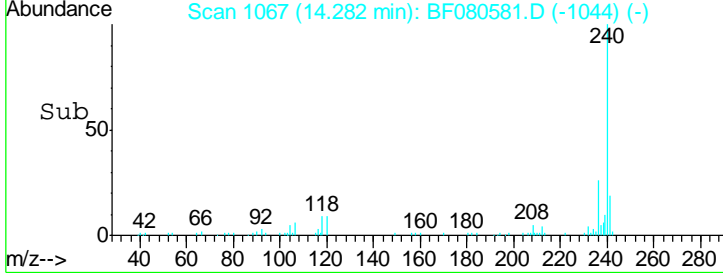
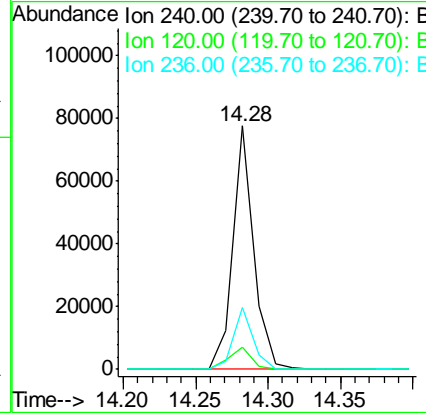
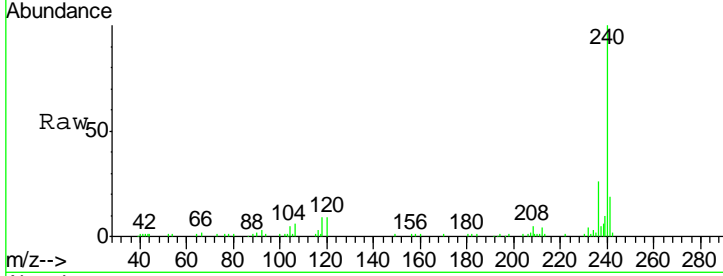




#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 14.28 min Scan# 1067  
 Delta R.T. -0.03 min  
 Lab File: BF080581.D  
 Acq: 23 Jul 2015 4:29

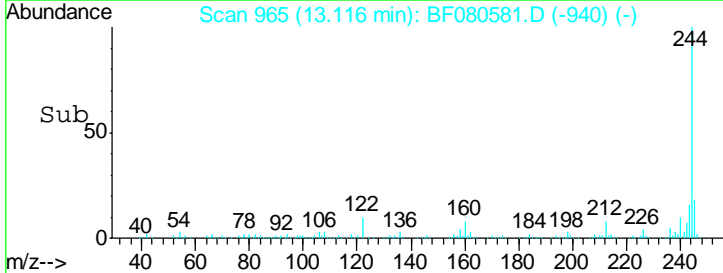
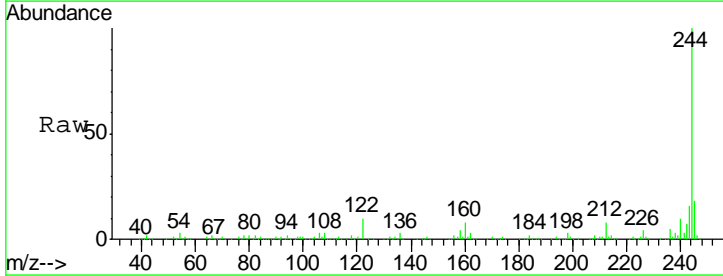
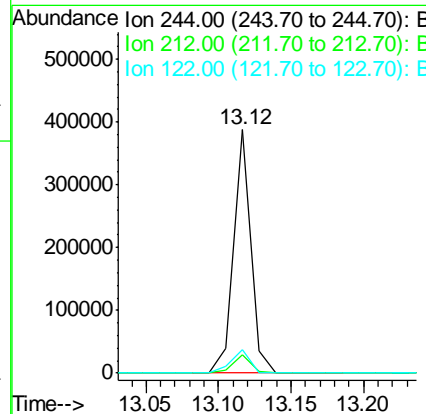
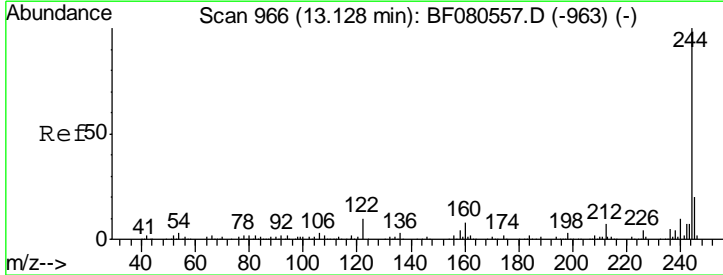
Instrument :  
 BNA\_F  
 ClientSampled :  
 MW-2

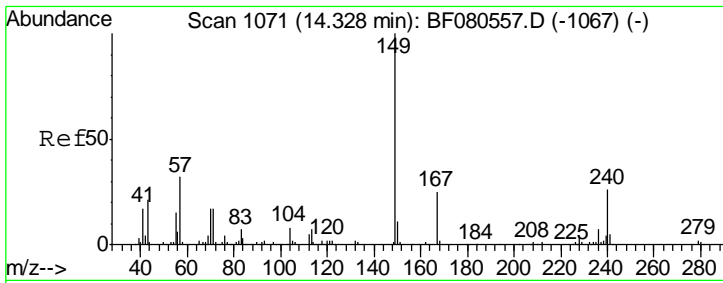
Tgt Ion	Resp	Lower	Upper
240	100		
120	8.9	9.9	14.9#
236	25.5	19.1	28.7



#78  
 Terphenyl-d14  
 Concen: 85.05 ng  
 RT: 13.12 min Scan# 965  
 Delta R.T. -0.01 min  
 Lab File: BF080581.D  
 Acq: 23 Jul 2015 4:29

Tgt Ion	Resp	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	9.8	8.2	12.2

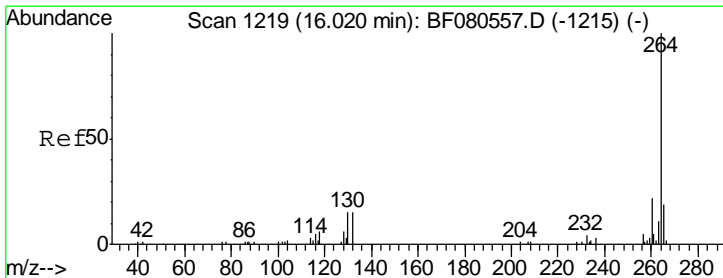
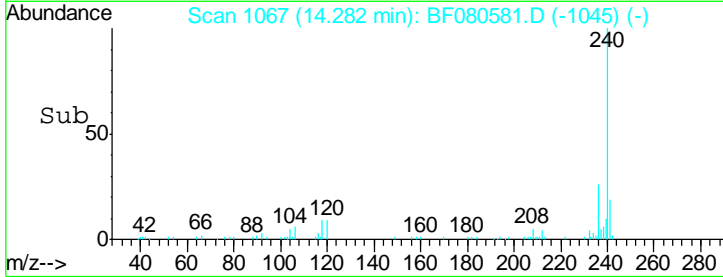
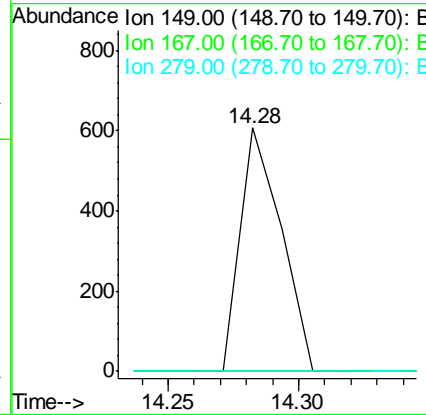
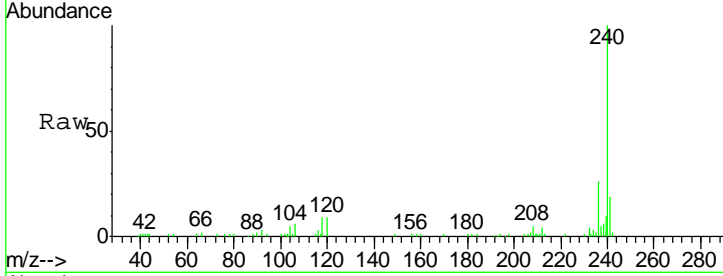




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 3.30 ng  
 RT: 14.28 min Scan# 1067  
 Delta R.T. -0.04 min  
 Lab File: BF080581.D  
 Acq: 23 Jul 2015 4:29

Instrument :  
 BNA\_F  
 ClientSampled :  
 MW-2

Tgt Ion	Resp	Lower	Upper
149	100		
167	0.0	20.2	30.2#
279	0.0	2.0	3.0#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.95 min Scan# 1213  
 Delta R.T. -0.07 min  
 Lab File: BF080581.D  
 Acq: 23 Jul 2015 4:29

Tgt Ion	Resp	Lower	Upper
264	100		
260	23.3	17.8	26.8
265	22.3	15.6	23.4

