

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\  
 Data File : BF100894.D  
 Acq On : 27 Nov 2017 16:13  
 Operator : SJ/JU  
 Sample : I6570-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Nov 27 21:58:09 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 27 14:11:25 2017  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	78101	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	314428	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	146079	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	273573	20.00	ng	0.00
75) Chrysene-d12	14.02	240	170462	20.00	ng	-0.01
86) Perylene-d12	15.49	264	179227	20.00	ng	-0.01

## System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	494459	101.49	ng	0.00
7) Phenol-d6	6.49	99	601697	100.15	ng	0.00
23) Nitrobenzene-d5	7.42	82	375021	78.85	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	168687	113.32	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	738640	77.00	ng	0.00
78) Terphenyl-d14	12.96	244	598470	80.67	ng	0.00

## Target Compounds

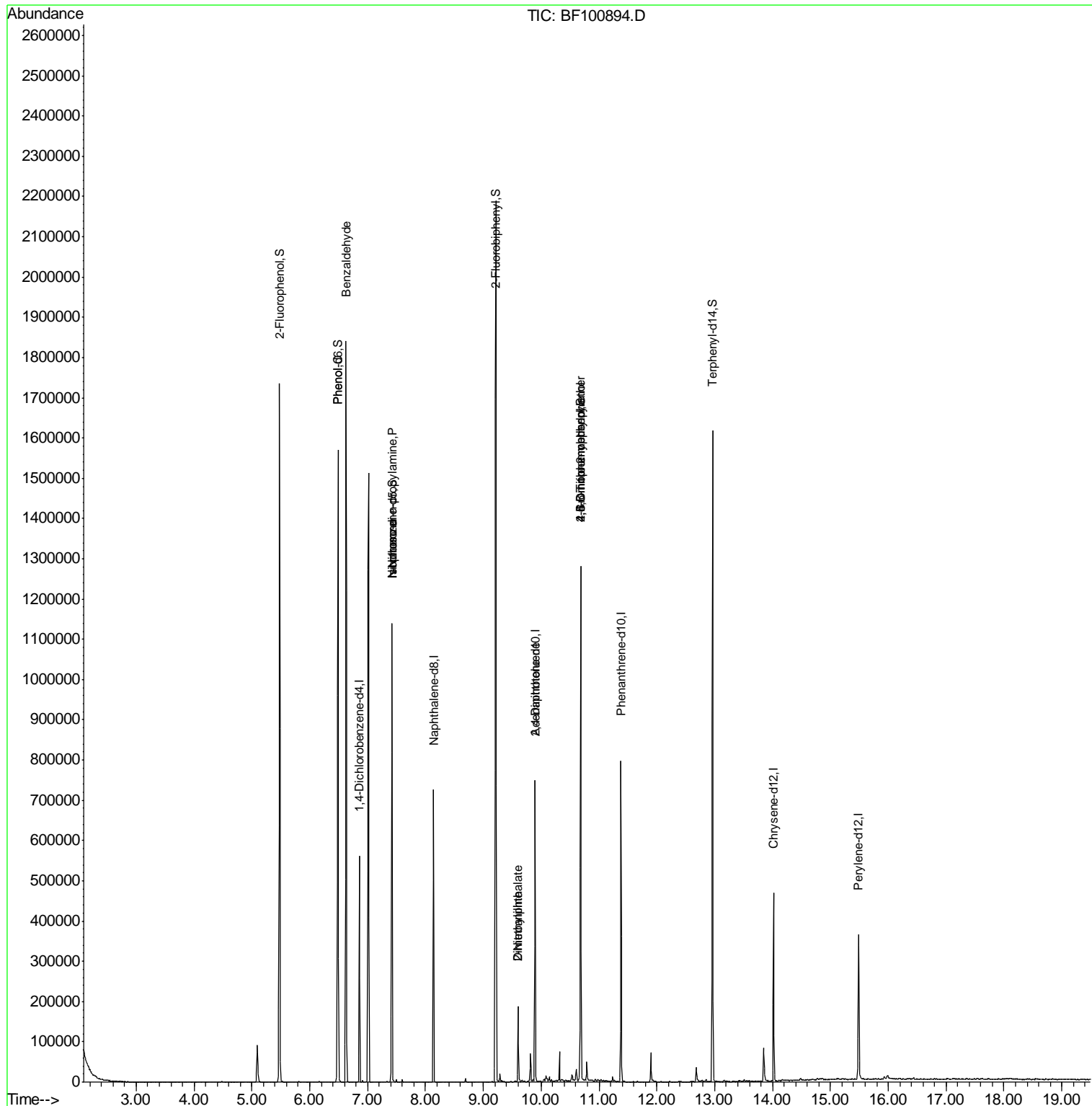
						Qvalue
9) Benzaldehyde	6.63	77	10808	2.519	ng	82
10) Phenol	6.50	94	22519	3.570	ng	91
19) n-Nitroso-di-n-propylamine	7.42	70	48309	11.594	ng	# 80
25) Isophorone	7.42	82	375018	37.524	ng	# 64
47) 2-Nitroaniline	9.60	65	597	2.992	ng	# 1
49) Dimethylphthalate	9.60	163	68769	6.166	ng	100
56) 2,4-Dinitrotoluene	9.89	165	18679	6.707	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.69	198	232	8.708	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	10697	3.648	ng	# 1

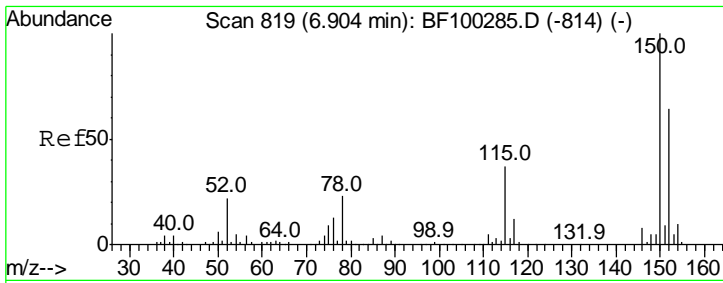
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 BNA\_F  
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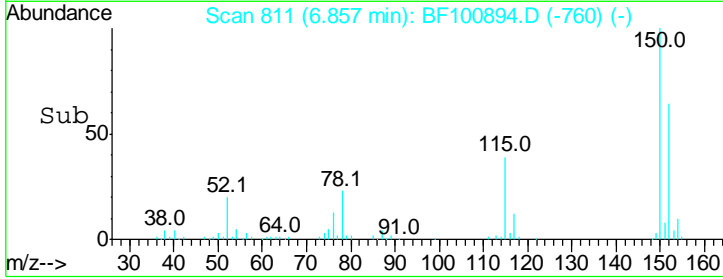
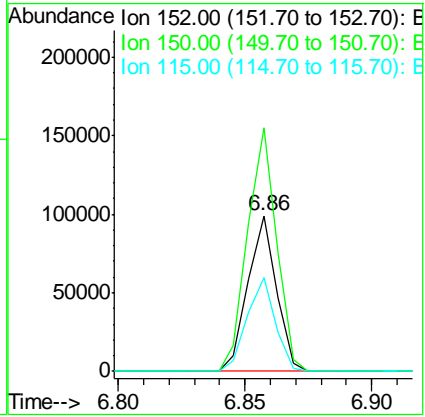
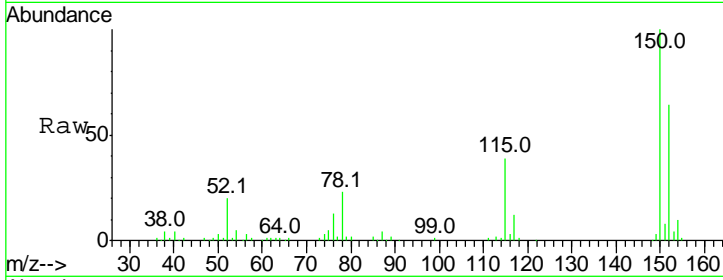


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.86 min Scan# 811  
 Delta R.T. 0.00 min  
 Lab File: BF100894.D  
 Acq: 27 Nov 2017 16:13

Instrument :  
 BNA\_F  
 ClientSampled :

Tgt Ion:152 Resp: 78101

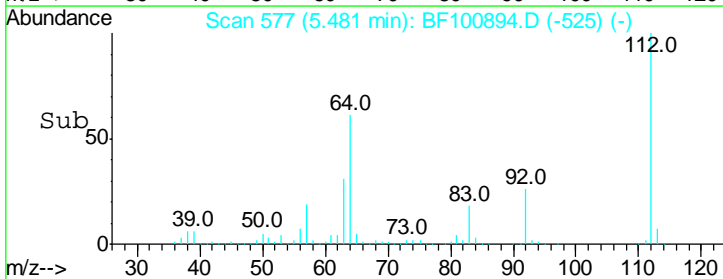
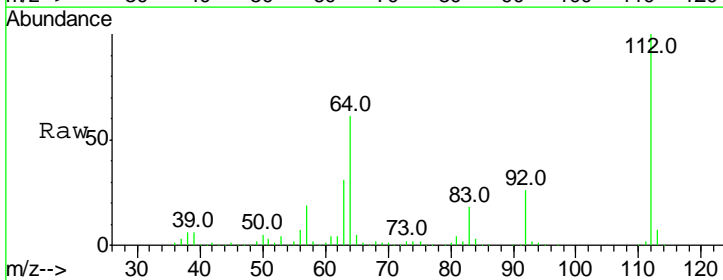
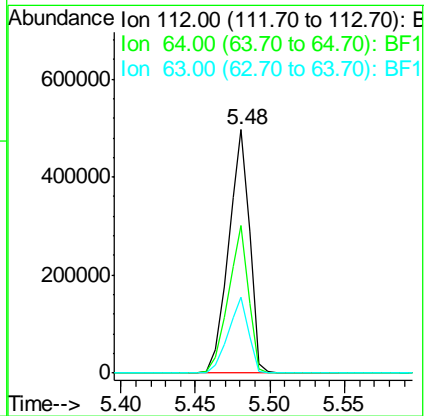
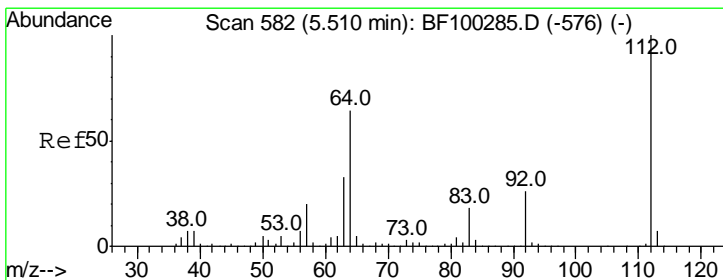
Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	60.4	50.1	75.1

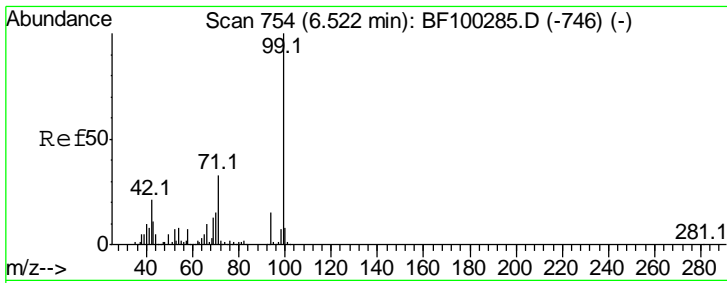


#5  
 2-Fluorophenol  
 Concen: 101.485 ng  
 RT: 5.48 min Scan# 577  
 Delta R.T. 0.01 min  
 Lab File: BF100894.D  
 Acq: 27 Nov 2017 16:13

Tgt Ion:112 Resp: 494459

Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.9	71.9
63	31.0	23.7	35.5

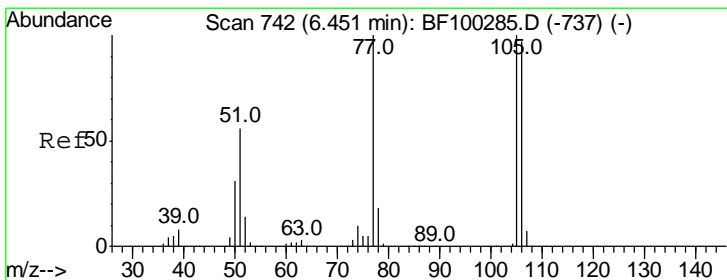
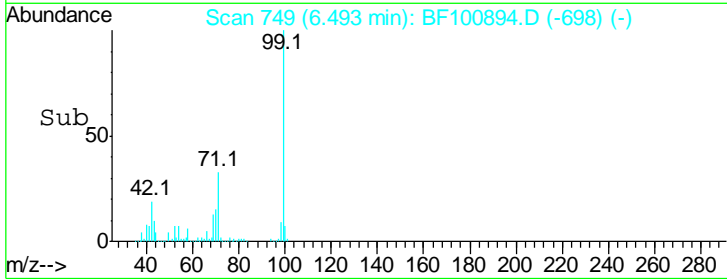
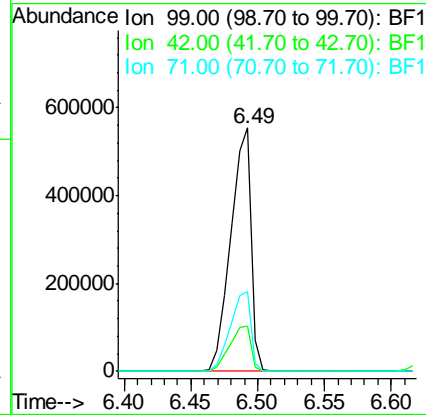
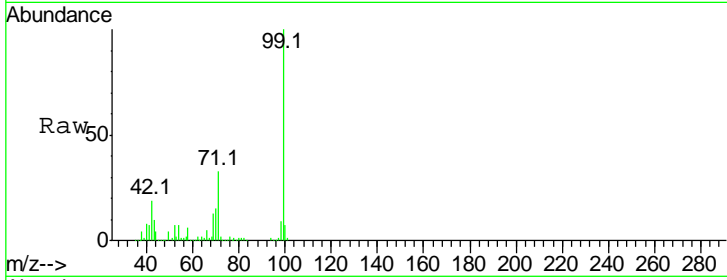




#7  
 Phenol-d6  
 Concen: 100.148 ng  
 RT: 6.49 min Scan# 749  
 Delta R.T. 0.00 min  
 Lab File: BF100894.D  
 Acq: 27 Nov 2017 16:13

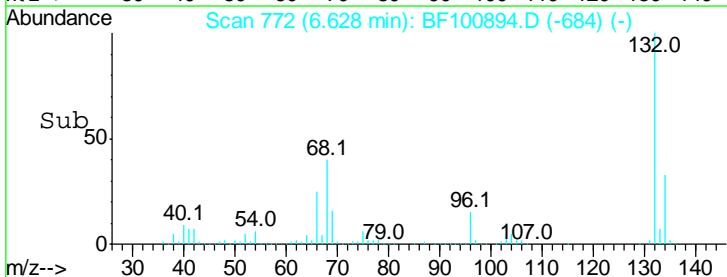
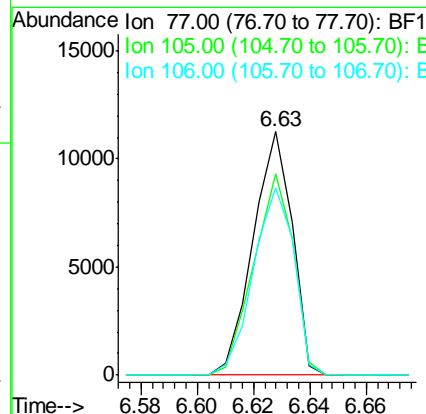
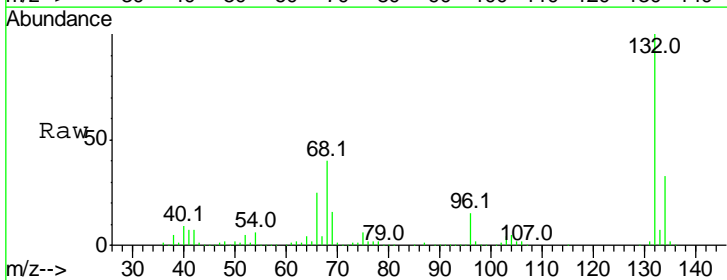
Instrument :  
 BNA\_F  
 ClientSampled :

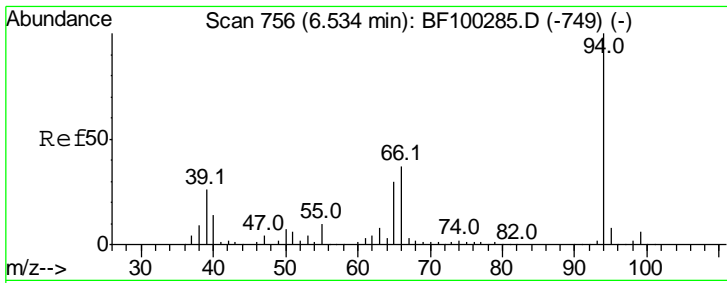
Tgt Ion	Resp	Lower	Upper
99	100		
42	18.5	14.5	21.7
71	32.7	25.4	38.0



#9  
 Benzaldehyde  
 Concen: 2.519 ng  
 RT: 6.63 min Scan# 772  
 Delta R.T. 0.22 min  
 Lab File: BF100894.D  
 Acq: 27 Nov 2017 16:13

Tgt Ion	Resp	Lower	Upper
77	100		
105	82.9	81.1	121.1
106	76.7	74.5	114.5

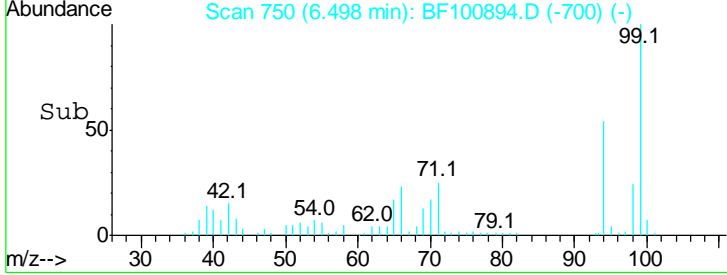
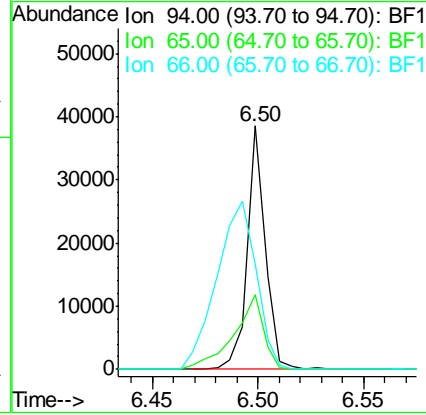
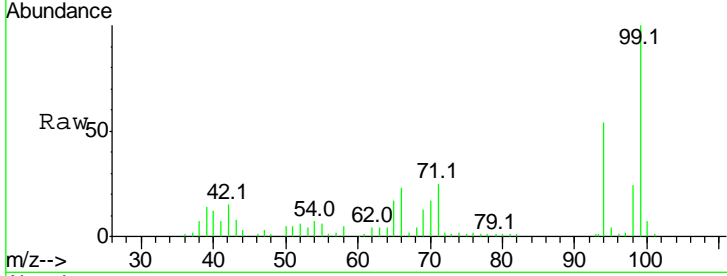




#10  
 Phenol  
 Concen: 3.570 ng  
 RT: 6.50 min Scan# 750  
 Delta R.T. -0.01 min  
 Lab File: BF100894.D  
 Acq: 27 Nov 2017 16:13

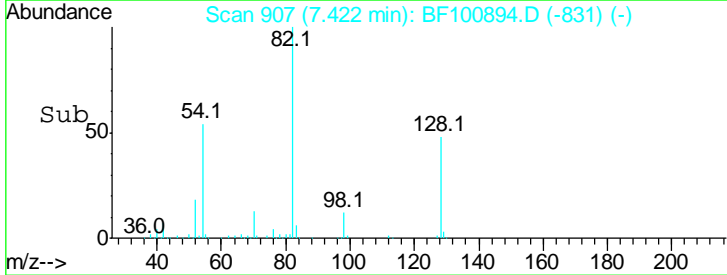
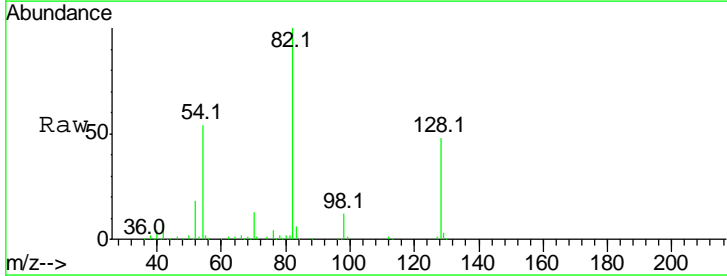
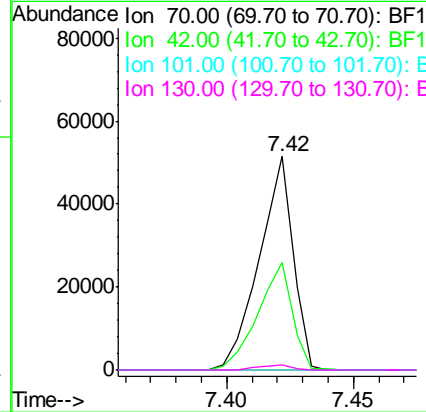
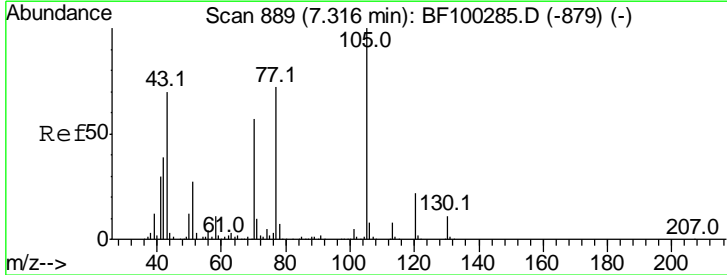
Instrument :  
 BNA\_F  
 ClientSampled :

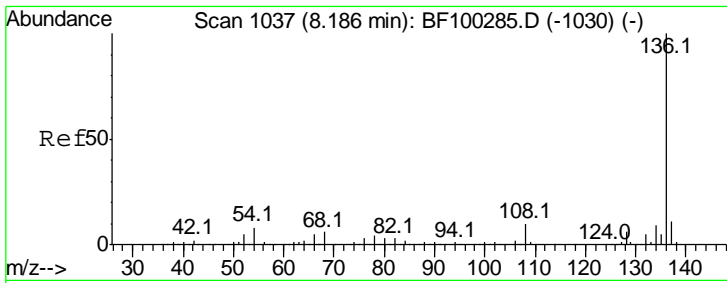
Tgt Ion	Resp	Lower	Upper
94	100		
65	30.6	7.9	47.9
66	43.2	16.2	56.2



#19  
 n-Nitroso-di-n-propylamine  
 Concen: 11.594 ng  
 RT: 7.42 min Scan# 907  
 Delta R.T. 0.15 min  
 Lab File: BF100894.D  
 Acq: 27 Nov 2017 16:13

Tgt Ion	Resp	Lower	Upper
70	100		
42	50.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



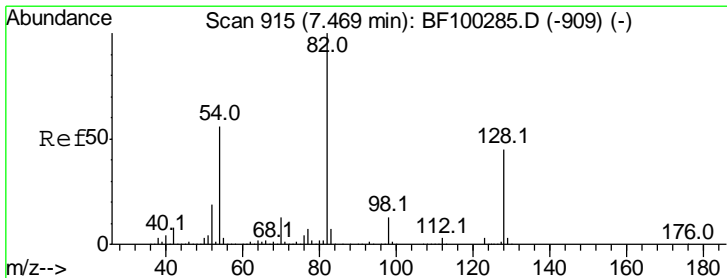
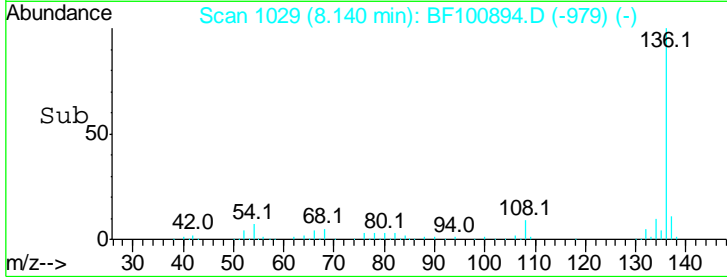
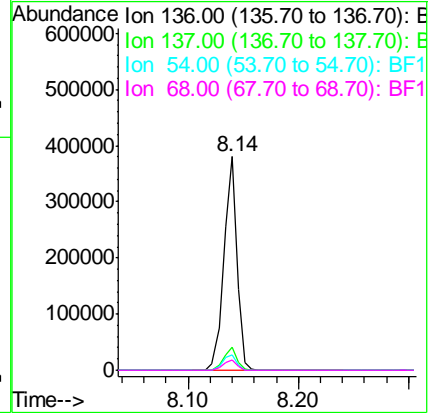
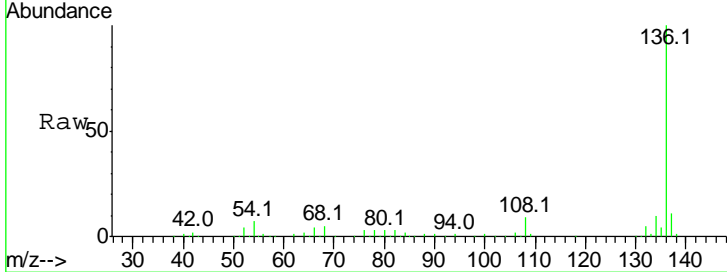


#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 8.14 min Scan# 1029  
 Delta R.T. -0.01 min  
 Lab File: BF100894.D  
 Acq: 27 Nov 2017 16:13

Instrument :  
 BNA\_F  
 ClientSampled :

Tgt Ion: 136 Resp: 314428

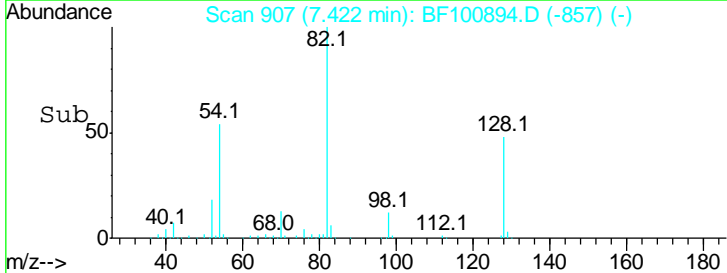
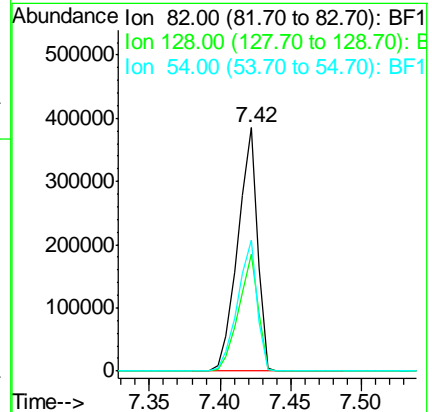
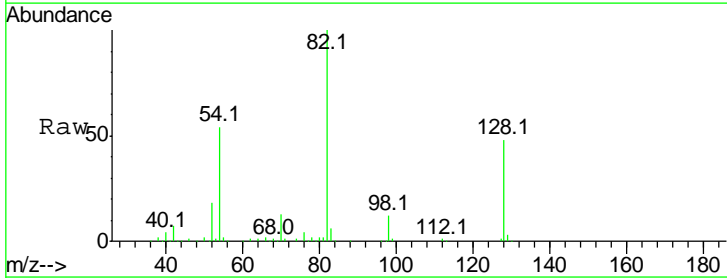
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.3	6.6	9.8
68	4.7	5.0	7.4#

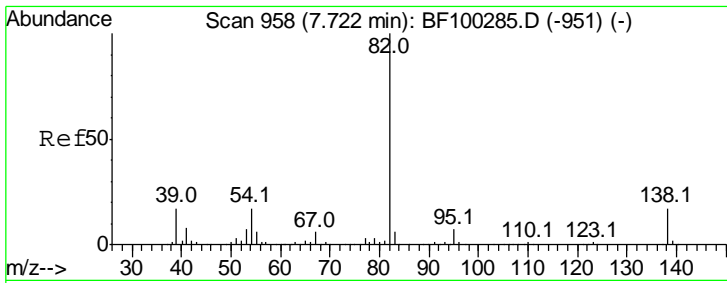


#23  
 Nitrobenzene-d5  
 Concen: 78.854 ng  
 RT: 7.42 min Scan# 907  
 Delta R.T. -0.01 min  
 Lab File: BF100894.D  
 Acq: 27 Nov 2017 16:13

Tgt Ion: 82 Resp: 375021

Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.1	54.1
54	53.7	41.4	62.2

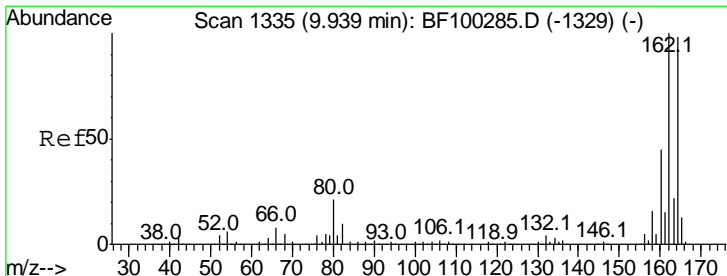
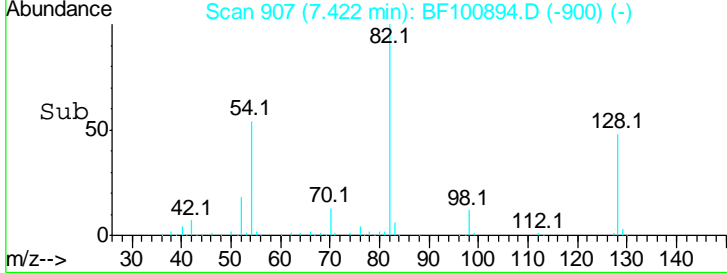
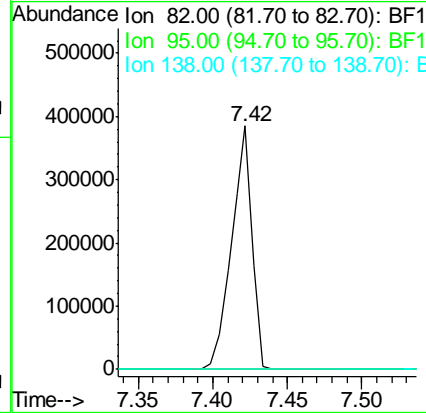
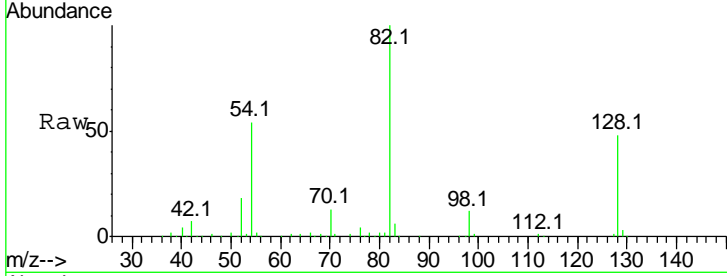




#25  
 Isophorone  
 Concen: 37.524 ng  
 RT: 7.42 min Scan# 907  
 Delta R.T. -0.26 min  
 Lab File: BF100894.D  
 Acq: 27 Nov 2017 16:13

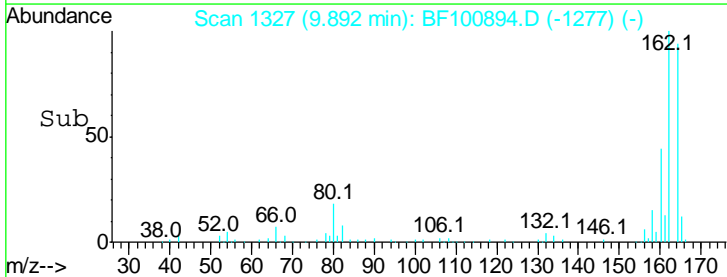
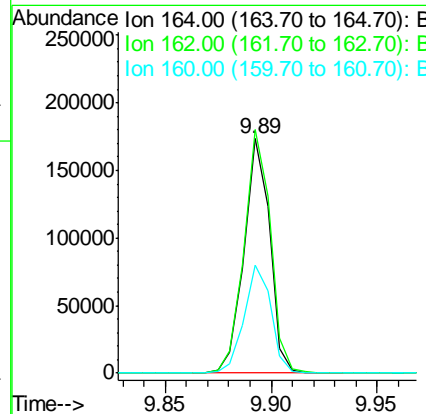
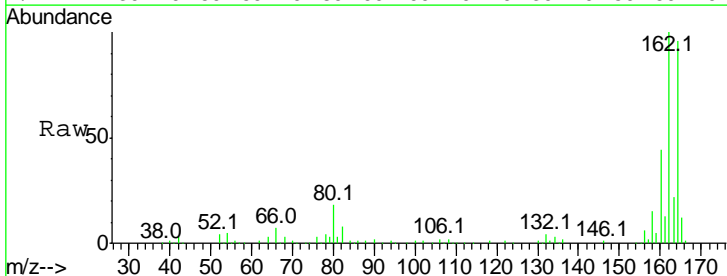
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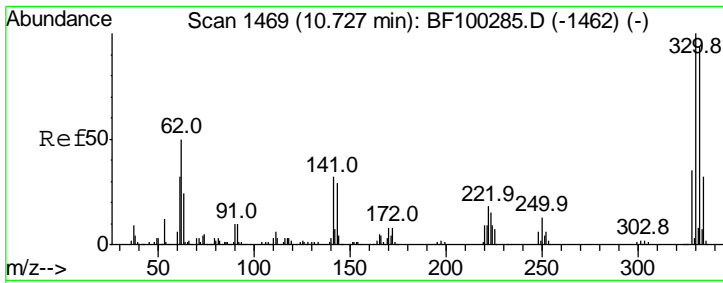
Tgt Ion	Resp	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.89 min Scan# 1327  
 Delta R.T. -0.01 min  
 Lab File: BF100894.D  
 Acq: 27 Nov 2017 16:13

Tgt Ion	Resp	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	46.2	38.3	57.5

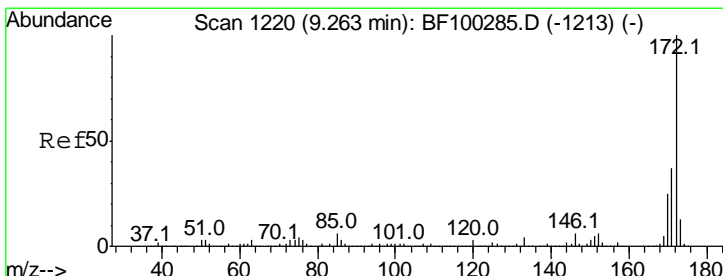
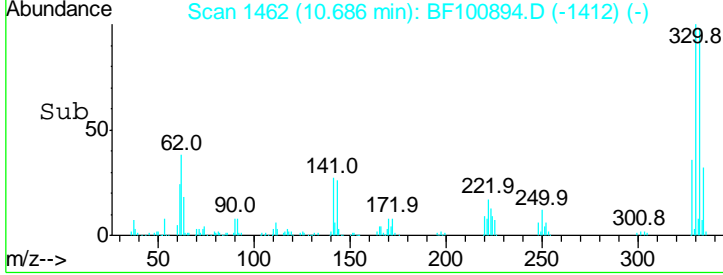
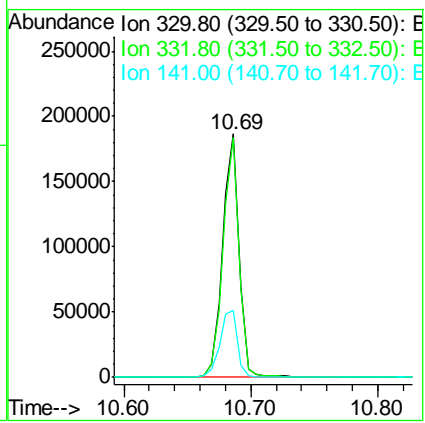
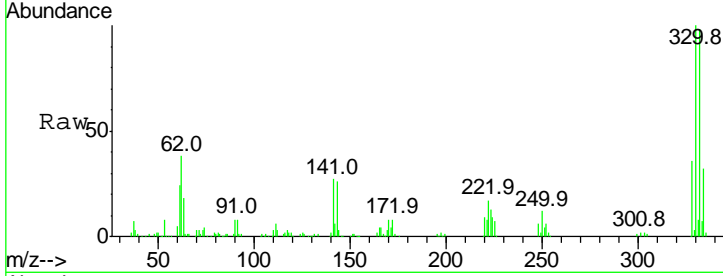




#41  
 2,4,6-Tribromophenol  
 Concen: 113.323 ng  
 RT: 10.69 min Scan# 1462  
 Delta R.T. -0.01 min  
 Lab File: BF100894.D  
 Acq: 27 Nov 2017 16:13

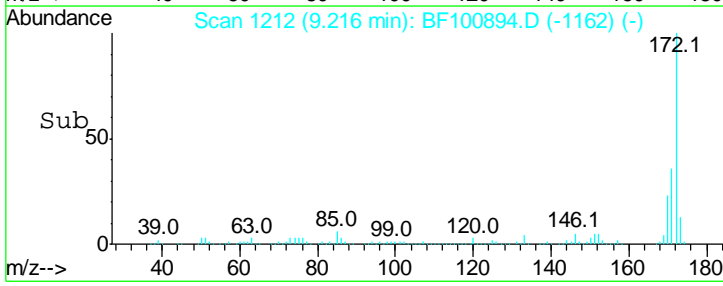
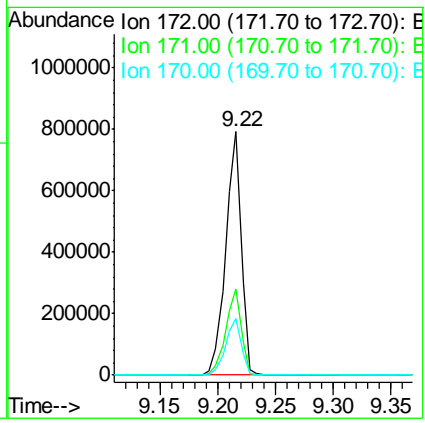
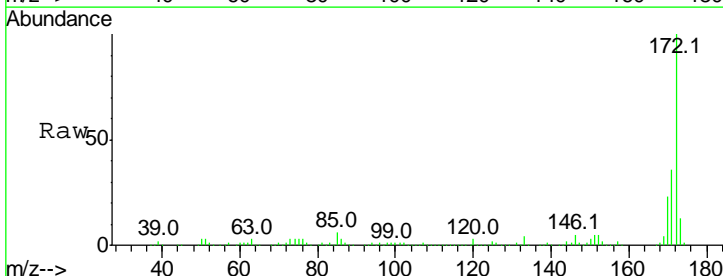
Instrument :  
 BNA\_F  
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	29.5	29.9	44.9#

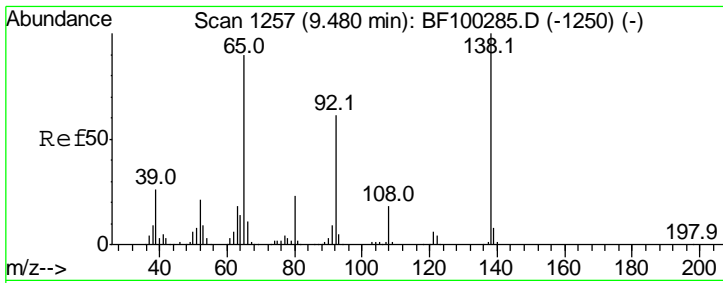


#44  
 2-Fluorobiphenyl  
 Concen: 76.995 ng  
 RT: 9.22 min Scan# 1212  
 Delta R.T. -0.01 min  
 Lab File: BF100894.D  
 Acq: 27 Nov 2017 16:13

Tgt Ion	Resp	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.2	19.6	29.4



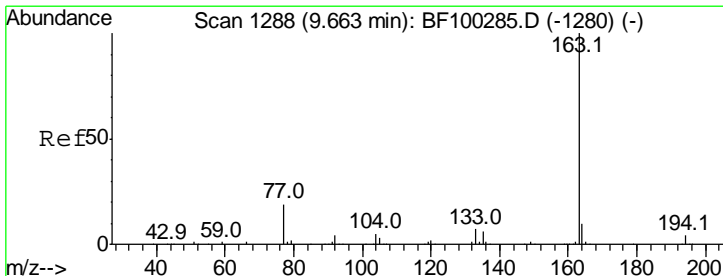
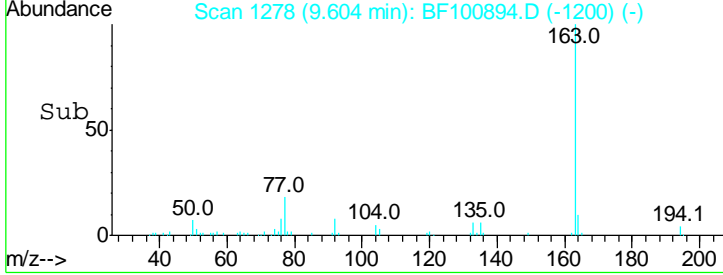
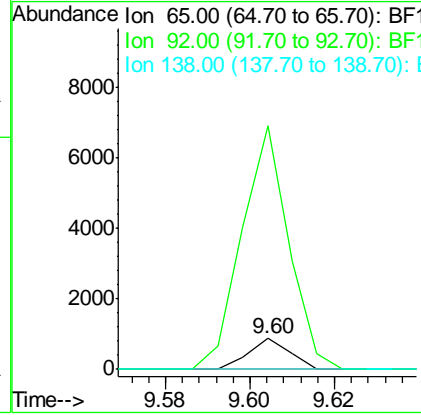
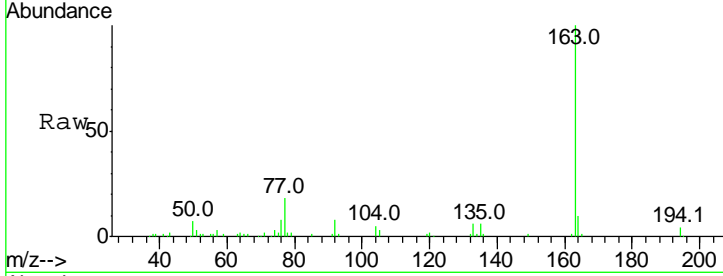




#47  
 2-Nitroaniline  
 Concen: 2.992 ng  
 RT: 9.60 min Scan# 1278  
 Delta R.T. 0.16 min  
 Lab File: BF100894.D  
 Acq: 27 Nov 2017 16:13

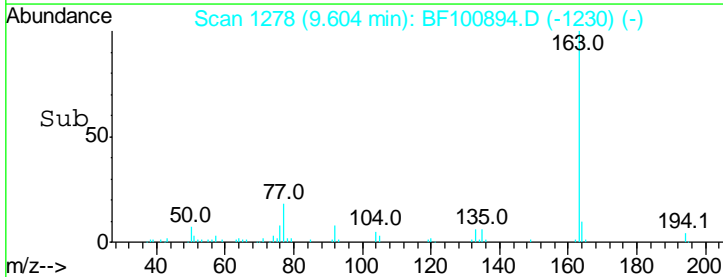
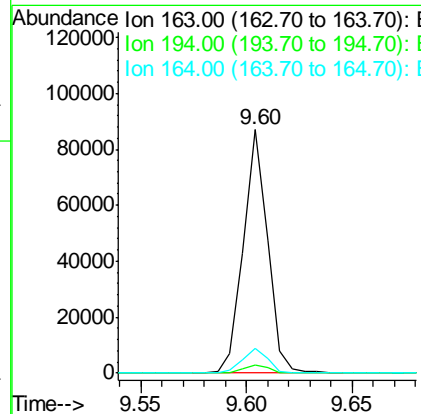
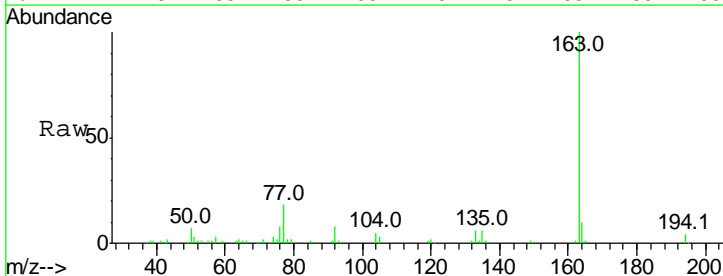
Instrument :  
 BNA\_F  
 ClientSampled :

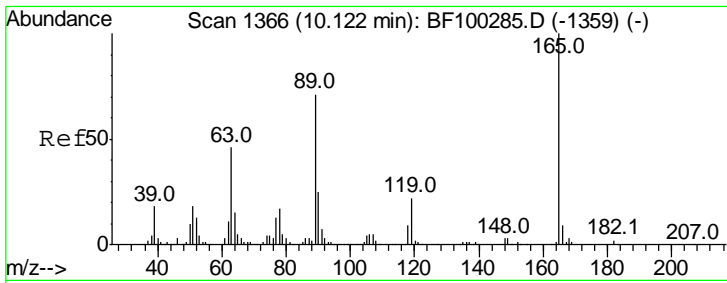
Tgt Ion	Resp	Lower	Upper
65	100		
92	788.5	55.8	83.6#
138	0.0	91.2	136.8#



#49  
 Dimethylphthalate  
 Concen: 6.166 ng  
 RT: 9.60 min Scan# 1278  
 Delta R.T. -0.02 min  
 Lab File: BF100894.D  
 Acq: 27 Nov 2017 16:13

Tgt Ion	Resp	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.3	8.2	12.2

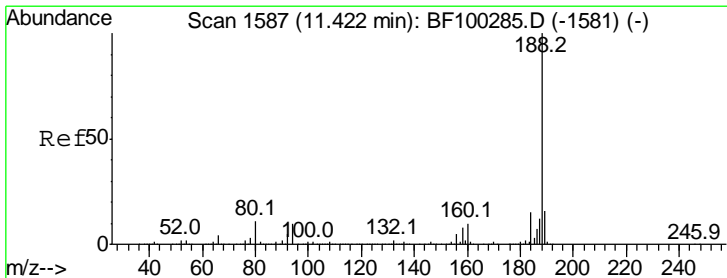
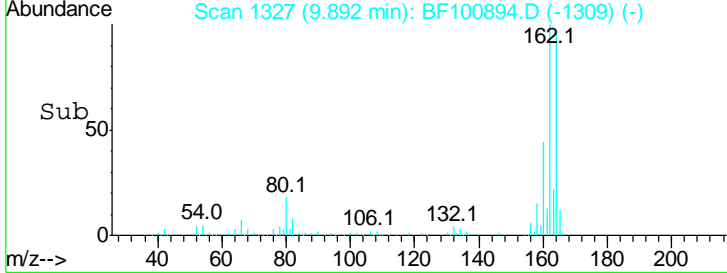
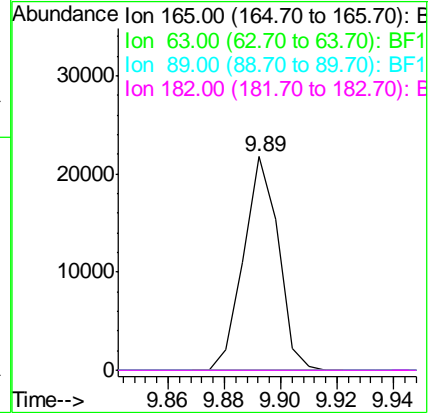
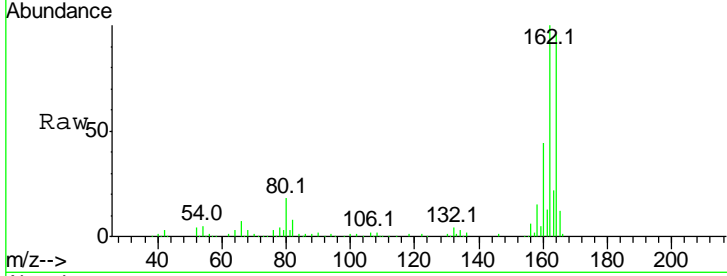




#56  
 2,4-Dinitrotoluene  
 Concen: 6.707 ng  
 RT: 9.89 min Scan# 1327  
 Delta R.T. -0.19 min  
 Lab File: BF100894.D  
 Acq: 27 Nov 2017 16:13

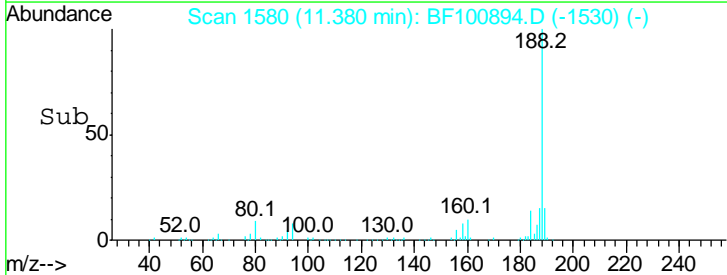
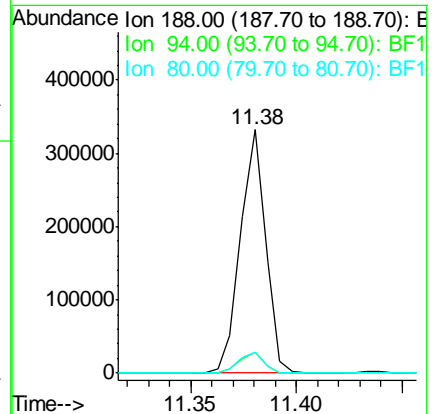
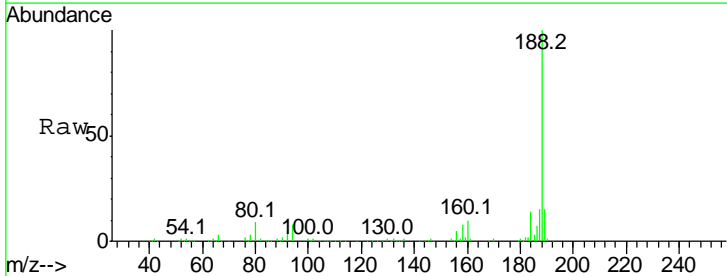
Instrument :  
 BNA\_F  
 ClientSampled :

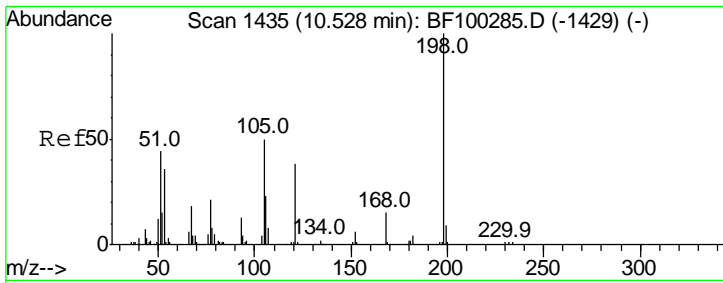
Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.38 min Scan# 1580  
 Delta R.T. -0.01 min  
 Lab File: BF100894.D  
 Acq: 27 Nov 2017 16:13

Tgt Ion	Resp	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	8.6	9.2	13.8#

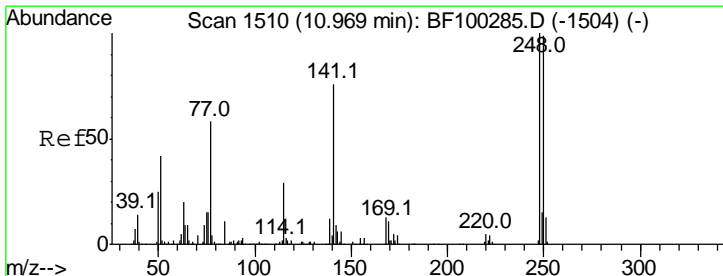
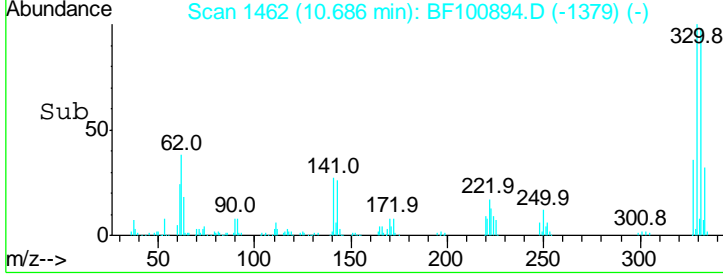
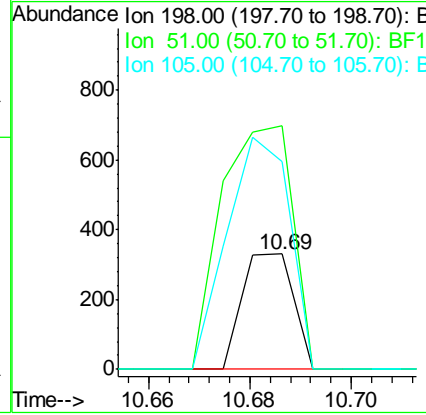
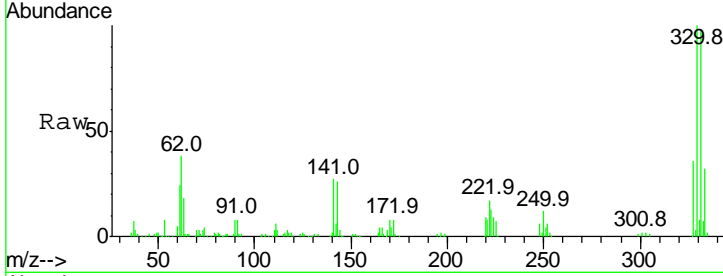




#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 8.708 ng  
 RT: 10.69 min Scan# 1462  
 Delta R.T. 0.19 min  
 Lab File: BF100894.D  
 Acq: 27 Nov 2017 16:13

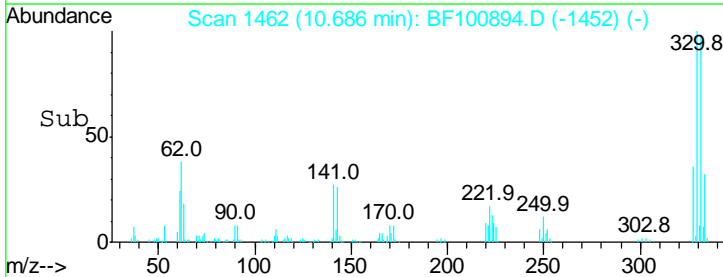
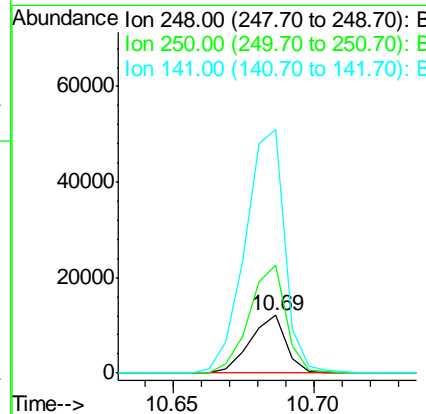
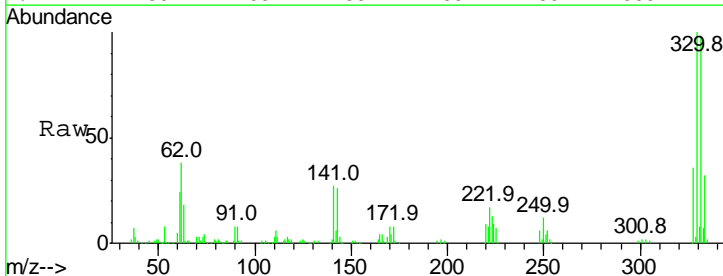
Instrument :  
 BNA\_F  
 ClientSampleID :

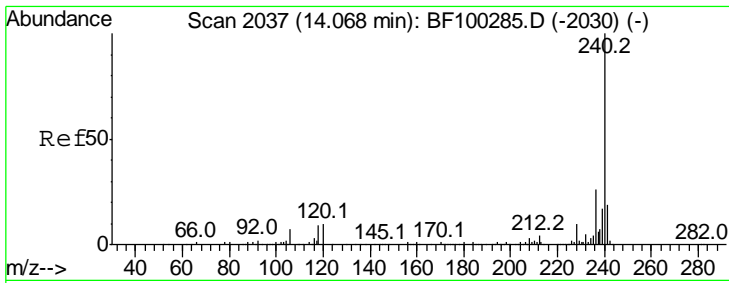
Tgt Ion	Resp	Lower	Upper
198	100		
51	210.9	37.7	77.7#
105	179.5	36.3	76.3#



#66  
 4-Bromophenyl-phenylether  
 Concen: 3.648 ng  
 RT: 10.69 min Scan# 1462  
 Delta R.T. -0.24 min  
 Lab File: BF100894.D  
 Acq: 27 Nov 2017 16:13

Tgt Ion	Resp	Lower	Upper
248	100		
250	187.5	76.9	115.3#
141	423.0	74.4	111.6#

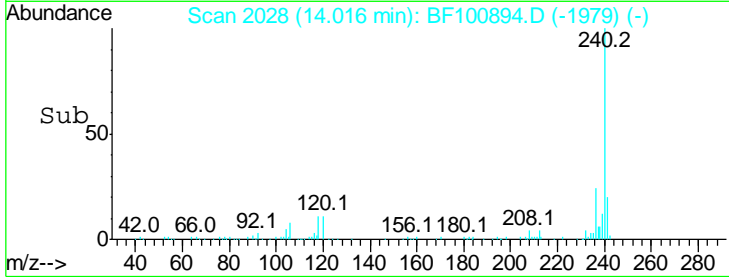
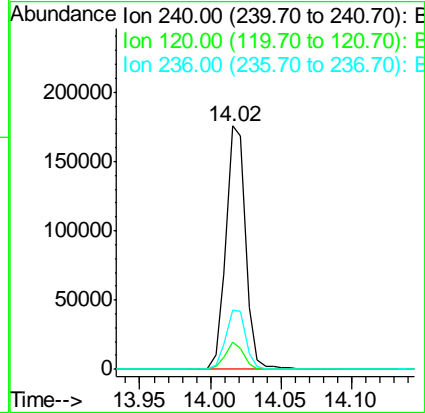
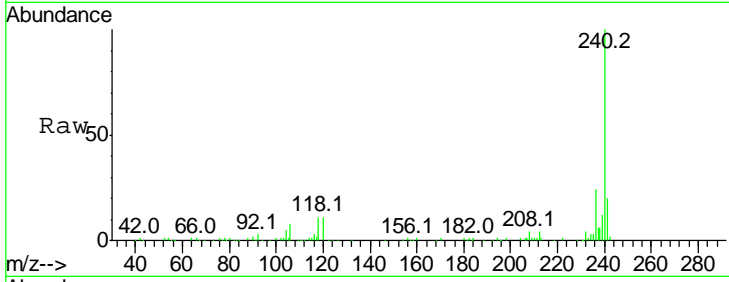




#75  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.02 min Scan# 2028  
 Delta R.T. -0.01 min  
 Lab File: BF100894.D  
 Acq: 27 Nov 2017 16:13

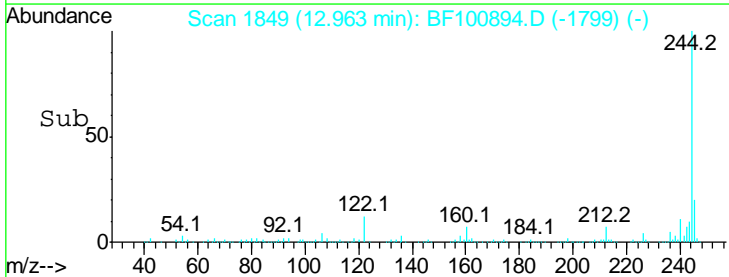
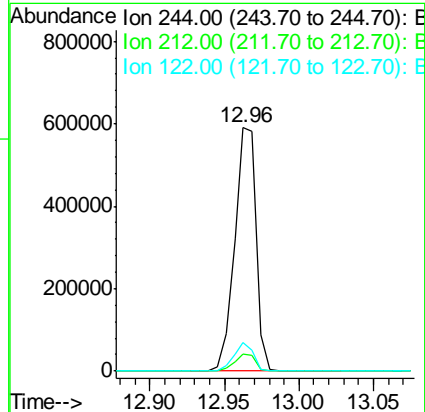
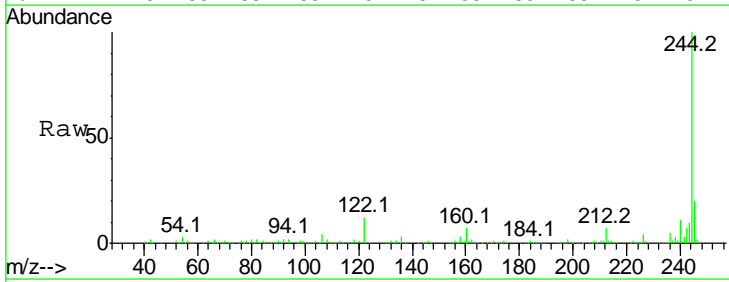
Instrument :  
 BNA\_F  
 ClientSampled :

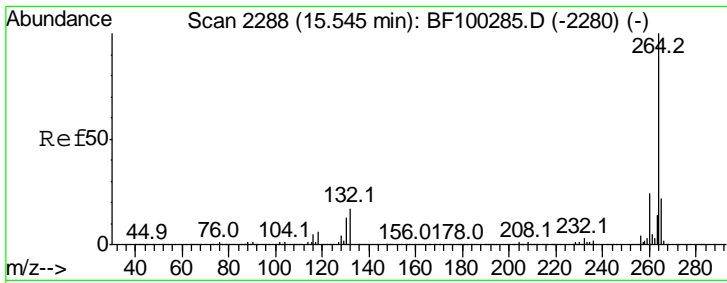
Tgt Ion	Resp	Lower	Upper
240	170462		
120	11.4	9.5	14.3
236	24.2	20.7	31.1



#78  
 Terphenyl-d14  
 Concen: 80.670 ng  
 RT: 12.96 min Scan# 1849  
 Delta R.T. -0.01 min  
 Lab File: BF100894.D  
 Acq: 27 Nov 2017 16:13

Tgt Ion	Resp	Lower	Upper
244	598470		
212	6.8	5.4	8.0
122	12.0	11.0	16.4





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.49 min Scan# 2278  
 Delta R.T. -0.01 min  
 Lab File: BF100894.D  
 Acq: 27 Nov 2017 16:13

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.4	17.5	26.3

