

Data File : BF100551.D
 Acq On : 14 Nov 2017 19:09
 Operator : SJ/JU
 Sample : I6388-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3N-4

Quant Time: Nov 15 00:55:08 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 14 14:17:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	128910	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	482889	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	186576	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	293625	20.00	ng	0.00
75) Chrysene-d12	14.04	240	272868	20.00	ng	0.00
86) Perylene-d12	15.52	264	194296	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	680455	84.61	ng	0.00
7) Phenol-d6	6.51	99	810030	81.68	ng	0.00
23) Nitrobenzene-d5	7.45	82	492759	67.46	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	129985	68.37	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	831482	67.86	ng	0.00
78) Terphenyl-d14	12.99	244	547800	46.13	ng	0.00

Target Compounds

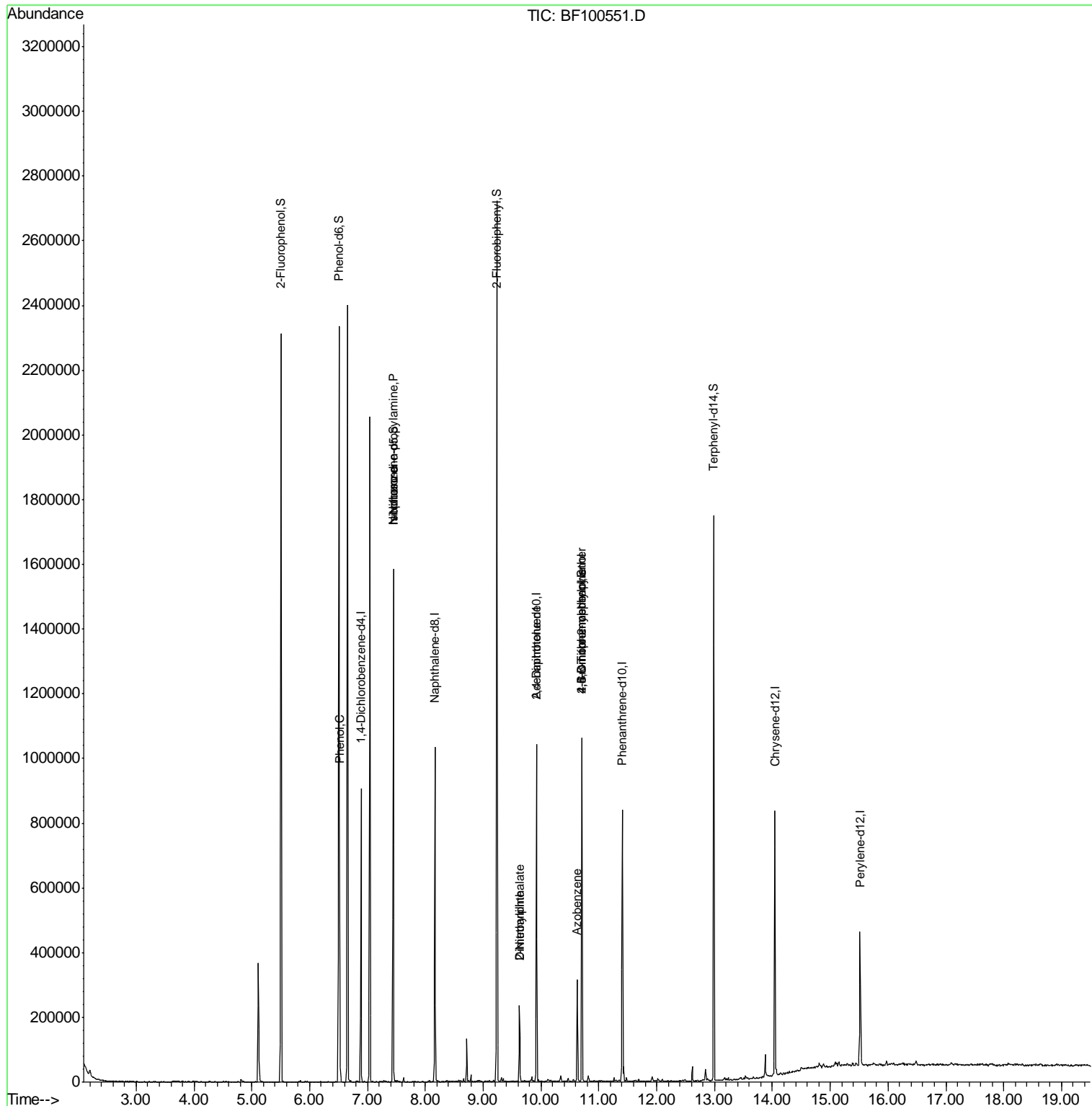
						Qvalue
10) Phenol	6.52	94	31461	3.02	ng	91
19) n-Nitroso-di-n-propylamine	7.45	70	65349	9.50	ng	# 80
25) Isophorone	7.45	82	492746	32.10	ng	# 64
47) 2-Nitroaniline	9.63	65	872	3.02	ng	# 1
49) Dimethylphthalate	9.63	163	80886	5.68	ng	100
56) 2,4-Dinitrotoluene	9.92	165	23537	6.62	ng	# 23
62) Azobenzene	10.63	77	50602	3.77	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.71	198	247	8.71	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	8570	2.72	ng	# 1

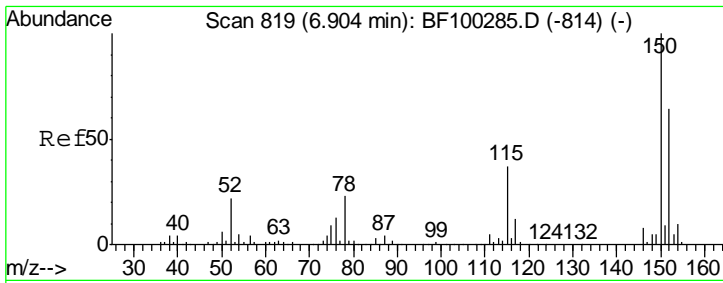
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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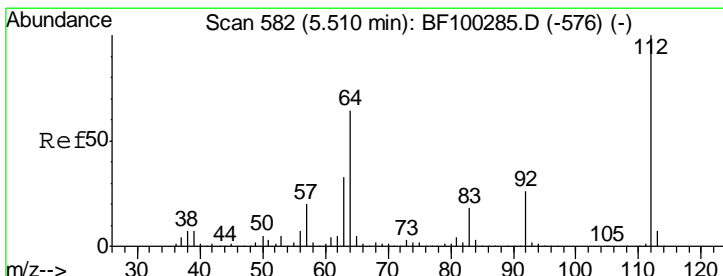
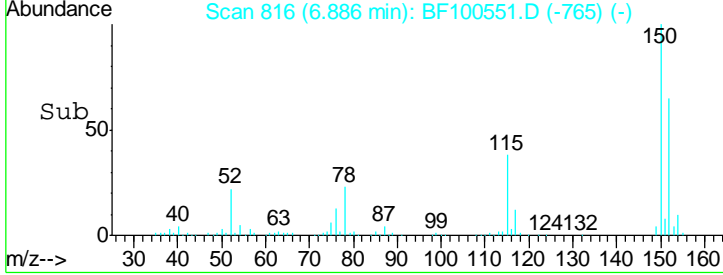
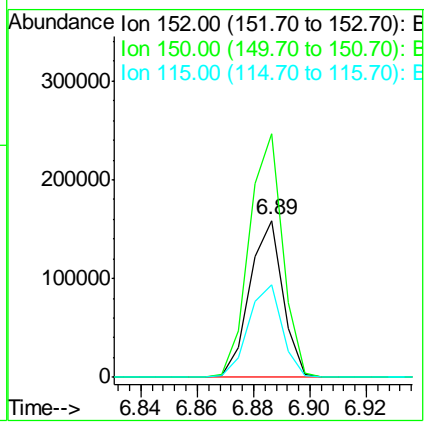
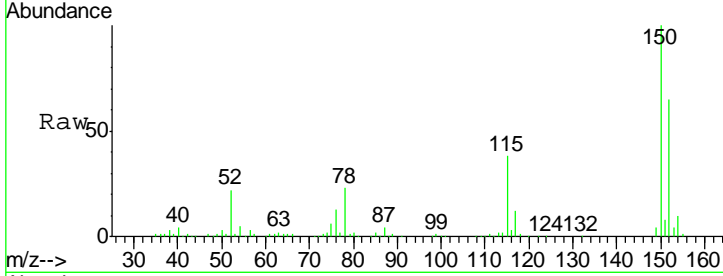




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF100551.D
 Acq: 14 Nov 2017 19:09

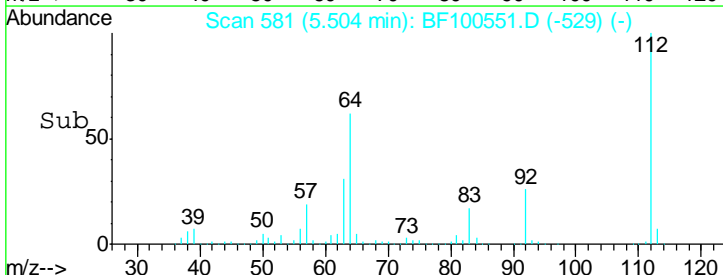
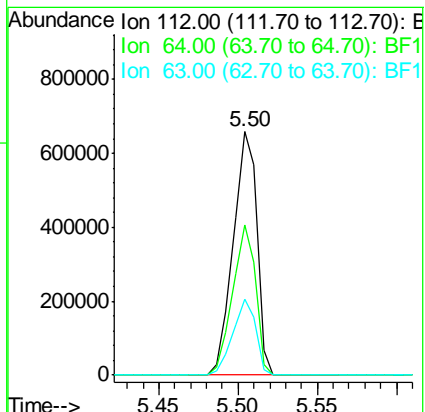
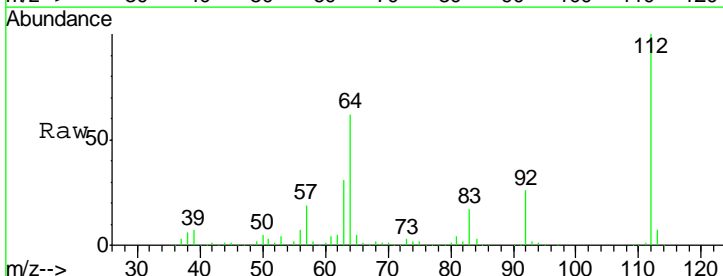
Instrument :
 BNA_F
ClientSampled :
 3N-4

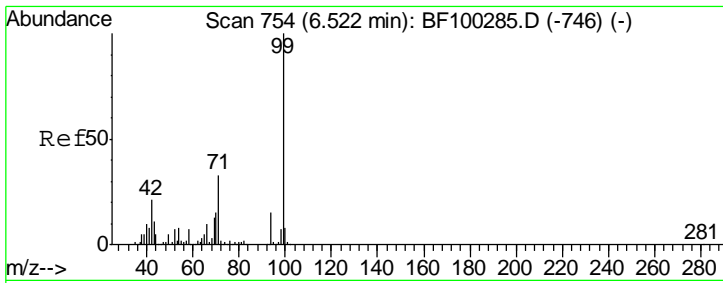
Tgt Ion	Resp	Lower	Upper
152	128910		
150	155.0	124.6	186.8
115	58.6	50.1	75.1



#5
 2-Fluorophenol
 Concen: 84.61 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF100551.D
 Acq: 14 Nov 2017 19:09

Tgt Ion	Resp	Lower	Upper
112	680455		
64	61.8	47.9	71.9
63	31.2	23.7	35.5

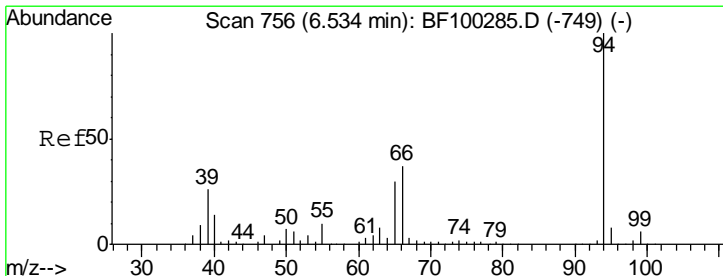
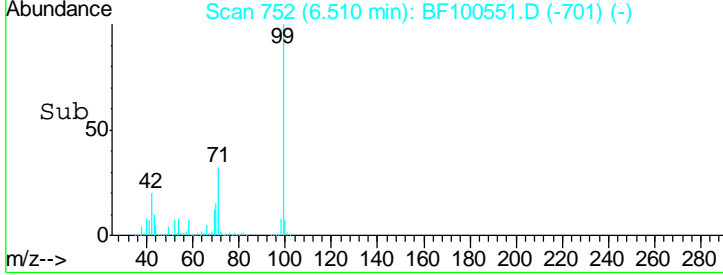
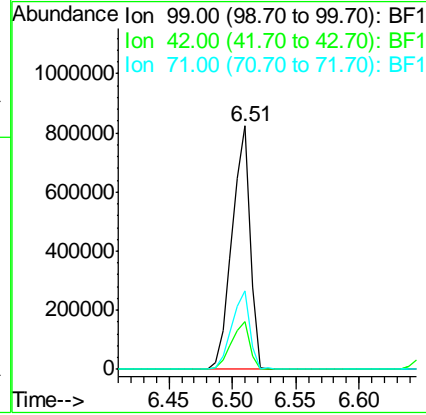
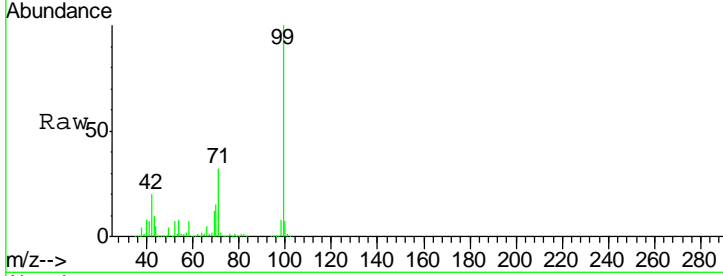




#7
 Phenol-d6
 Concen: 81.68 ng
 RT: 6.51 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF100551.D
 Acq: 14 Nov 2017 19:09

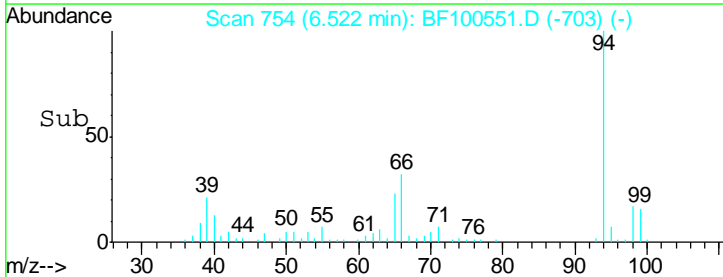
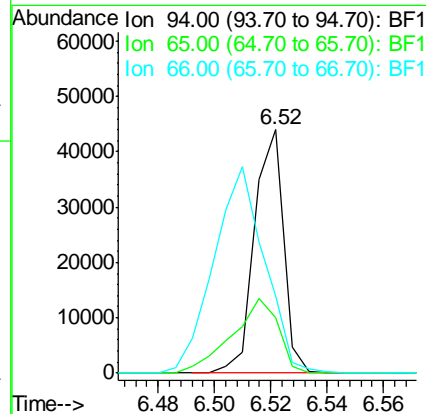
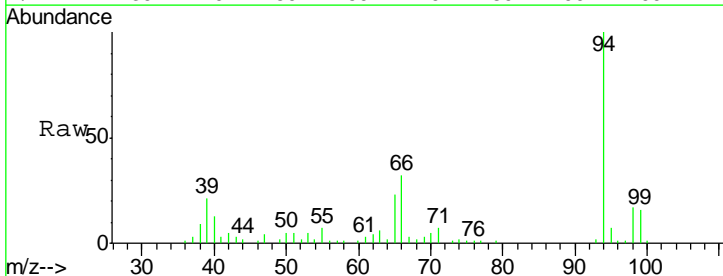
Instrument :
 BNA_F
 ClientSampled :
 3N-4

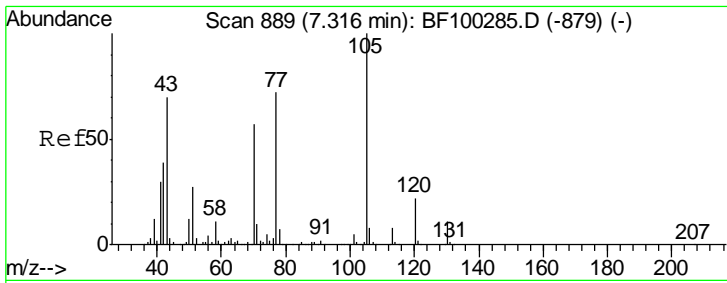
Tgt Ion	Resp	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	32.3	25.4	38.0



#10
 Phenol
 Concen: 3.02 ng
 RT: 6.52 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: BF100551.D
 Acq: 14 Nov 2017 19:09

Tgt Ion	Resp	Lower	Upper
94	100		
65	22.9	7.9	47.9
66	31.5	16.2	56.2

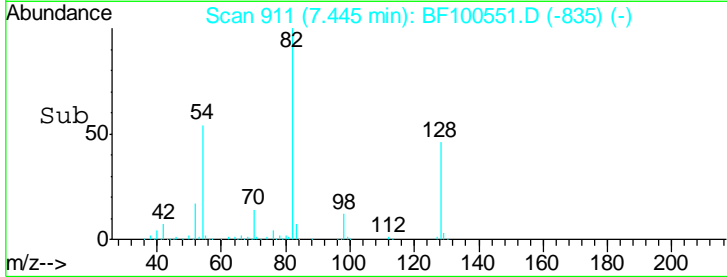
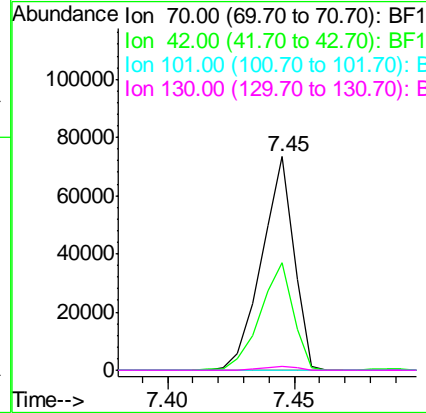
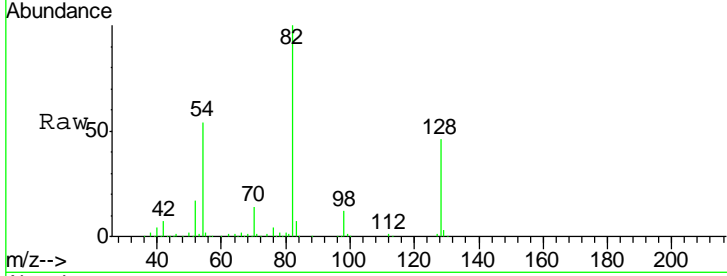




#19
 n-Nitroso-di-n-propylamine
 Concen: 9.50 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.15 min
 Lab File: BF100551.D
 Acq: 14 Nov 2017 19:09

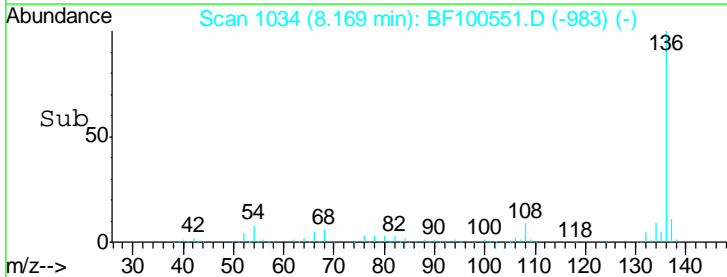
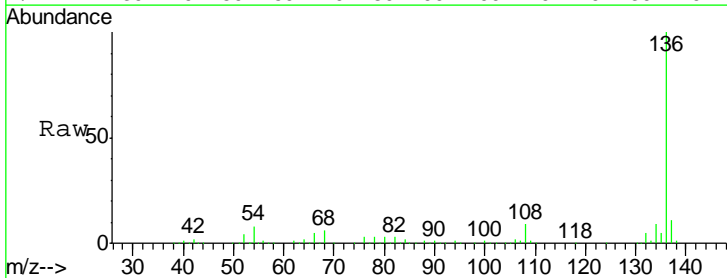
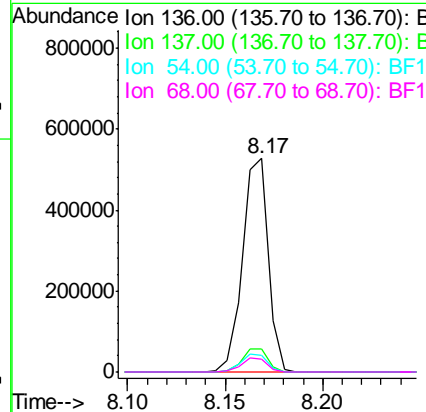
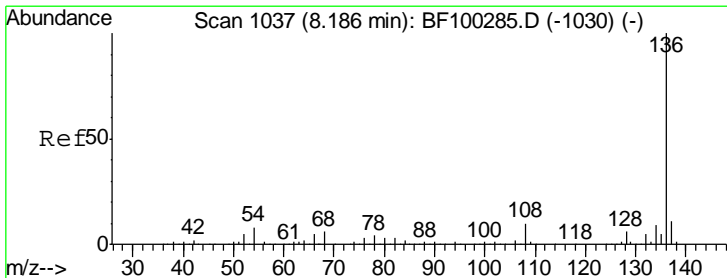
Instrument :
 BNA_F
 ClientSampled :
 3N-4

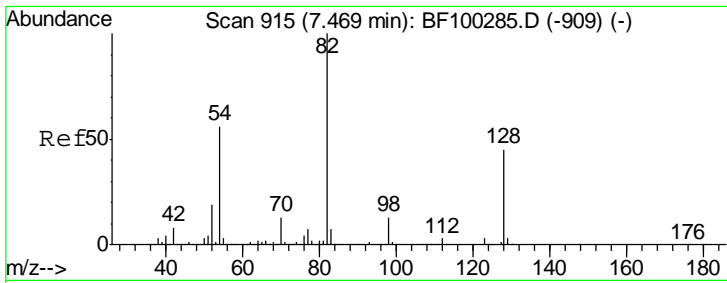
Tgt Ion	Resp	Lower	Upper
70	100		
42	50.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.17 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF100551.D
 Acq: 14 Nov 2017 19:09

Tgt Ion	Resp	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.9	6.6	9.8
68	5.9	5.0	7.4

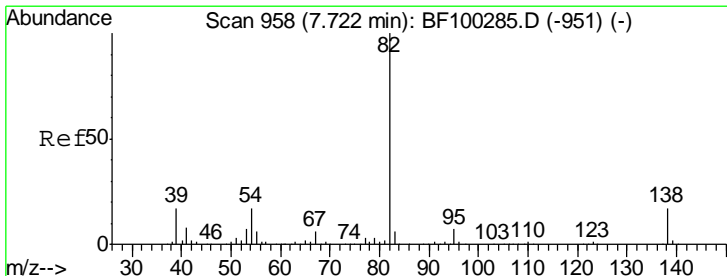
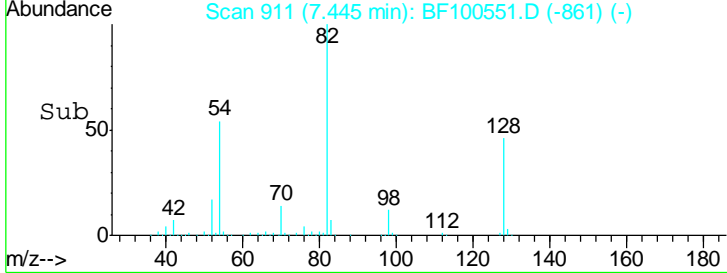
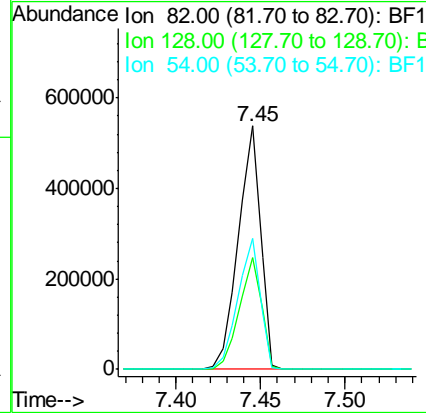
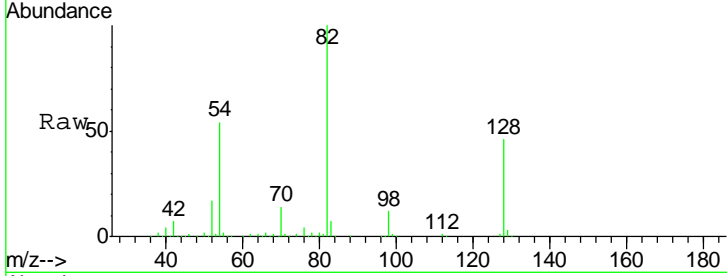




#23
 Nitrobenzene-d5
 Concen: 67.46 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF100551.D
 Acq: 14 Nov 2017 19:09

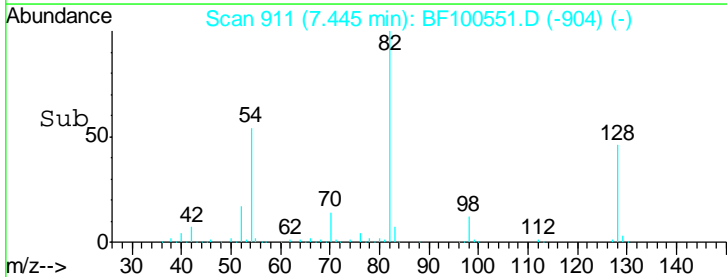
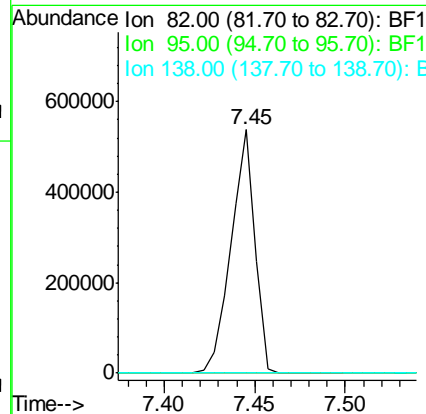
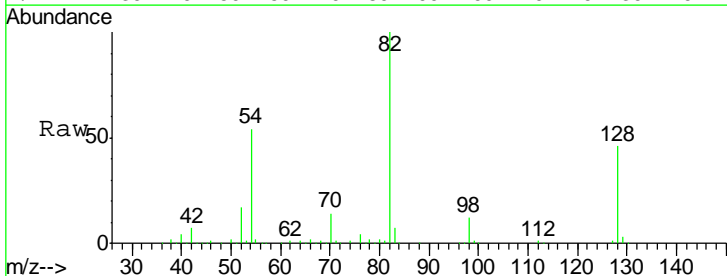
Instrument :
 BNA_F
ClientSampled :
 3N-4

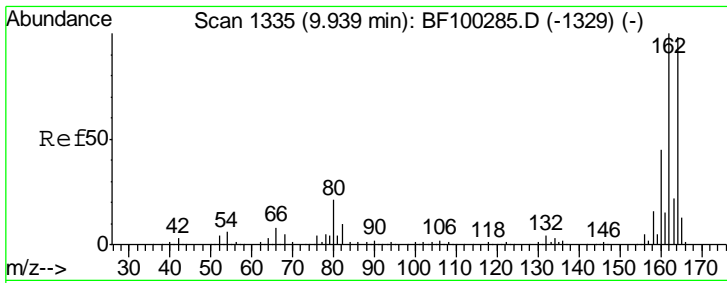
Tgt Ion	Resp	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	53.9	41.4	62.2



#25
 Isophorone
 Concen: 32.10 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.26 min
 Lab File: BF100551.D
 Acq: 14 Nov 2017 19:09

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

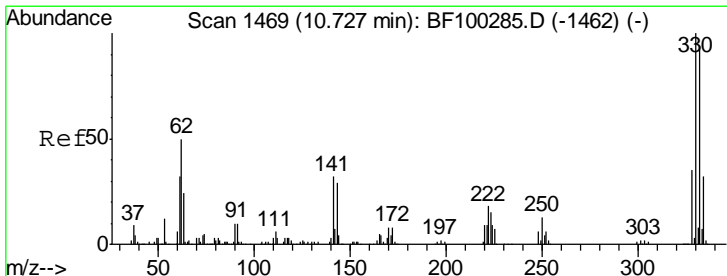
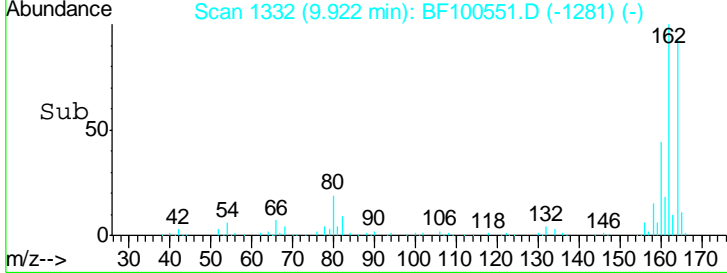
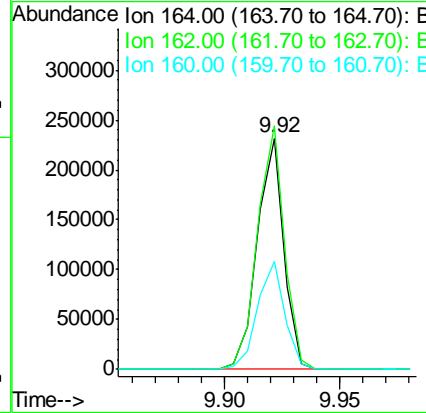
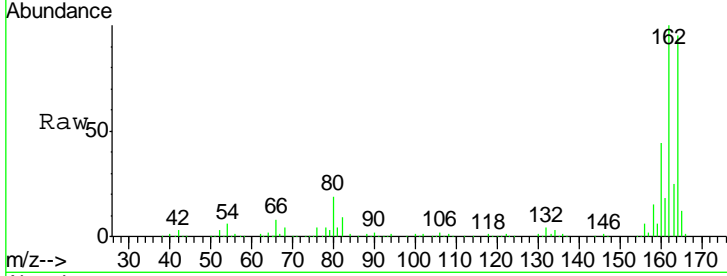




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF100551.D
 Acq: 14 Nov 2017 19:09

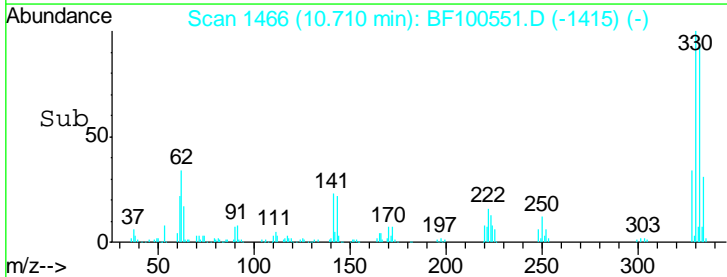
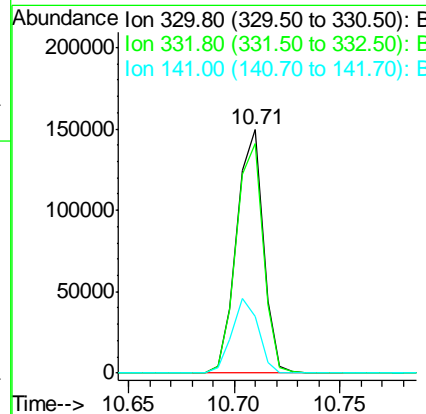
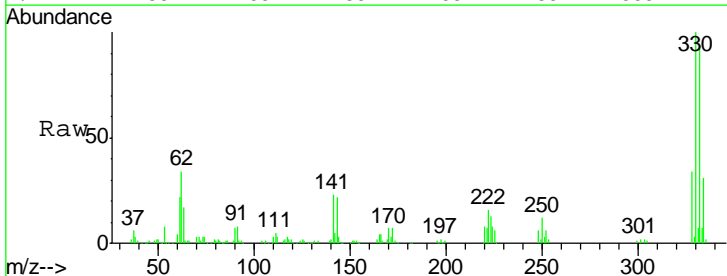
Instrument :
 BNA_F
 ClientSampled :
 3N-4

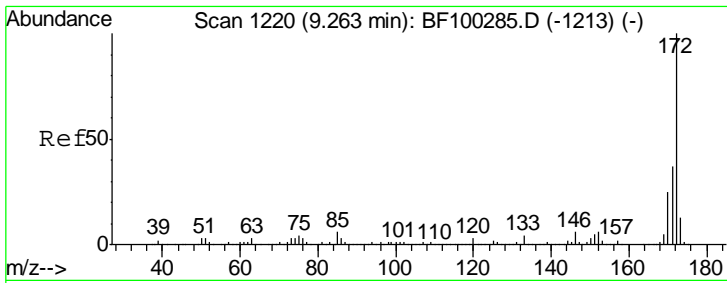
Tgt Ion	Resp	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	46.6	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 68.37 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF100551.D
 Acq: 14 Nov 2017 19:09

Tgt Ion	Resp	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	30.7	29.9	44.9

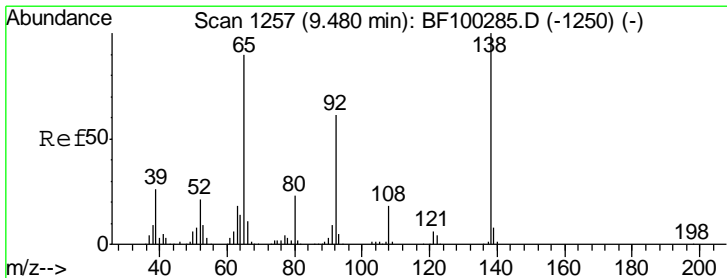
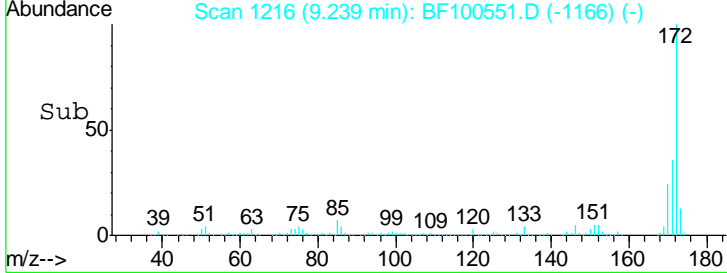
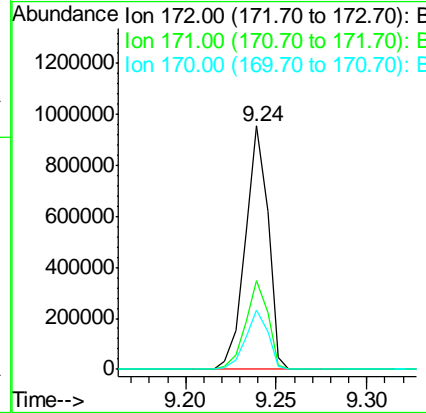
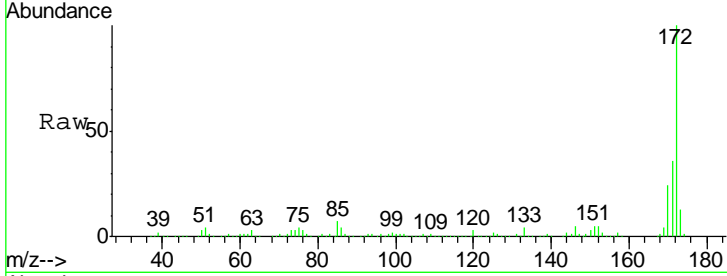




#44
 2-Fluorobiphenyl
 Concen: 67.86 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF100551.D
 Acq: 14 Nov 2017 19:09

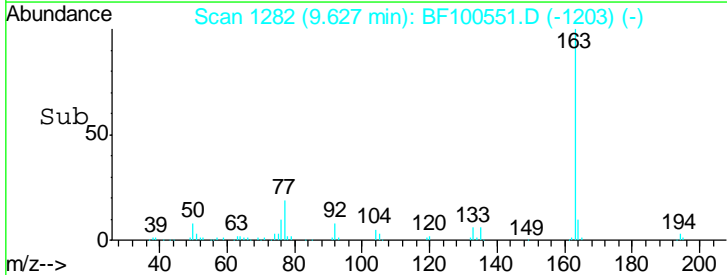
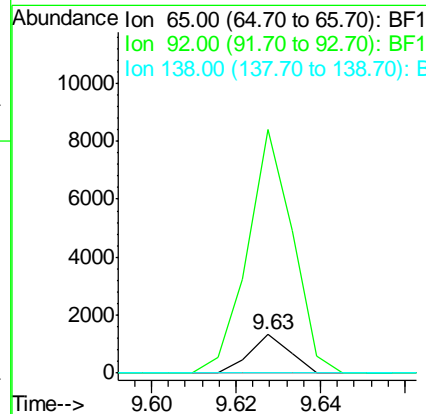
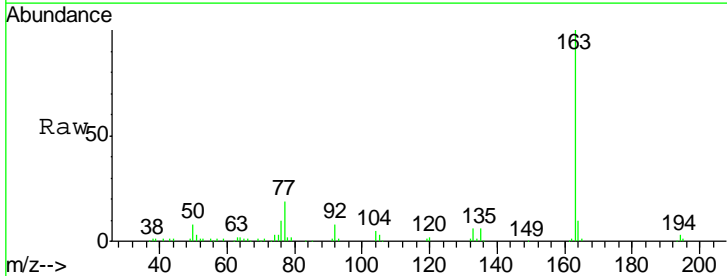
Instrument :
 BNA_F
 ClientSampled :
 3N-4

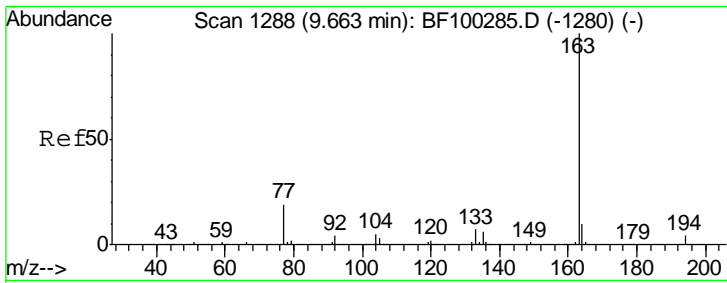
Tgt Ion	Resp	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.2	19.6	29.4



#47
 2-Nitroaniline
 Concen: 3.02 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. 0.16 min
 Lab File: BF100551.D
 Acq: 14 Nov 2017 19:09

Tgt Ion	Resp	Lower	Upper
65	100		
92	635.6	55.8	83.6#
138	0.0	91.2	136.8#

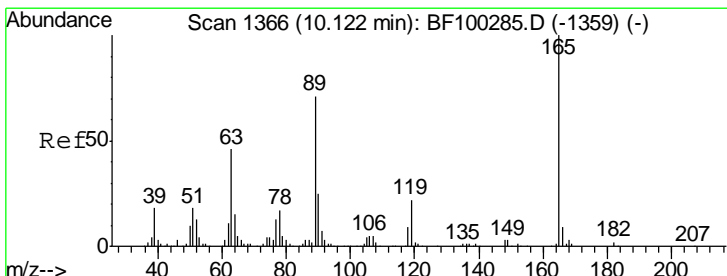
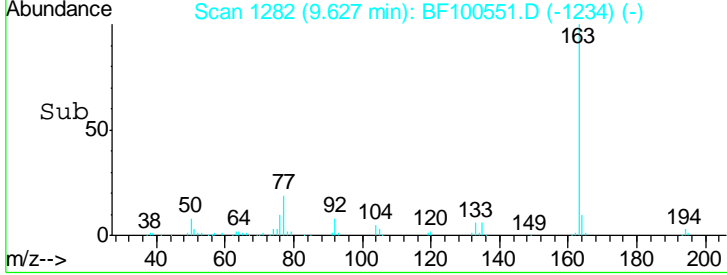
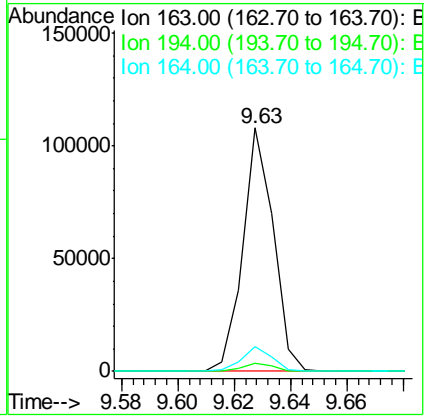
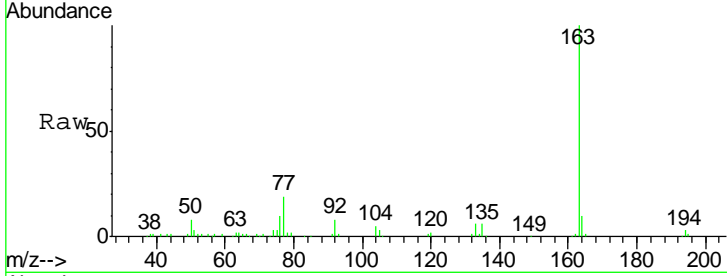




#49
 Dimethylphthalate
 Concen: 5.68 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.02 min
 Lab File: BF100551.D
 Acq: 14 Nov 2017 19:09

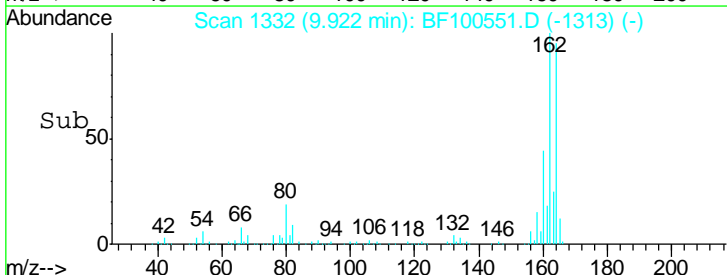
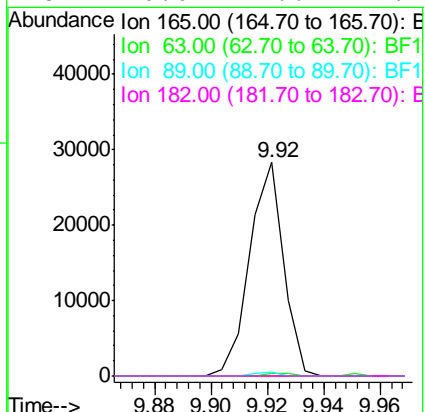
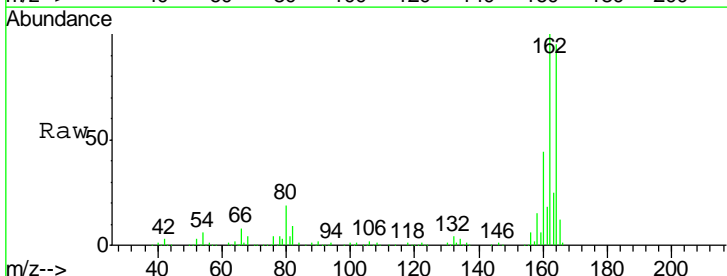
Instrument :
 BNA_F
 ClientSampled :
 3N-4

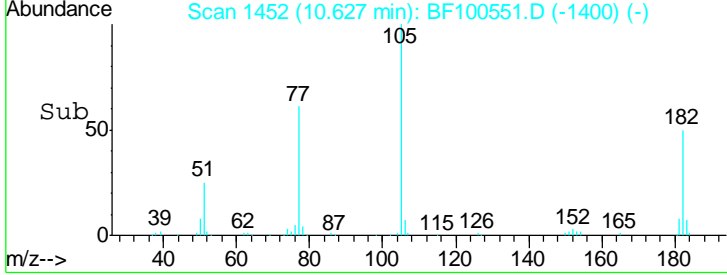
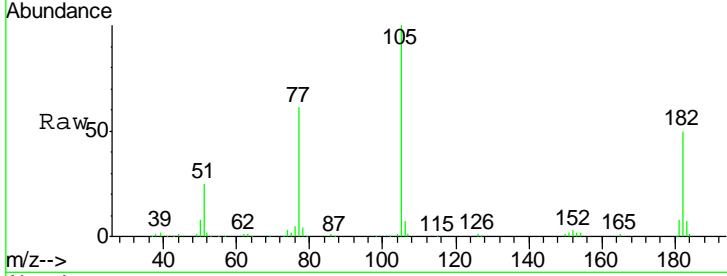
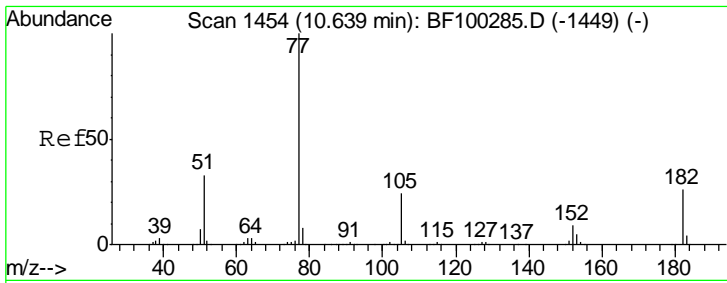
Tgt Ion	Resp	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.0	8.2	12.2



#56
 2,4-Dinitrotoluene
 Concen: 6.62 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.19 min
 Lab File: BF100551.D
 Acq: 14 Nov 2017 19:09

Tgt Ion	Resp	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

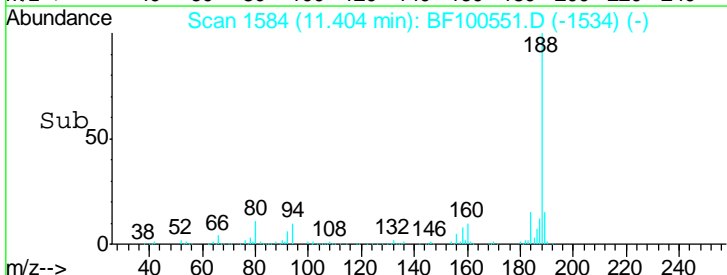
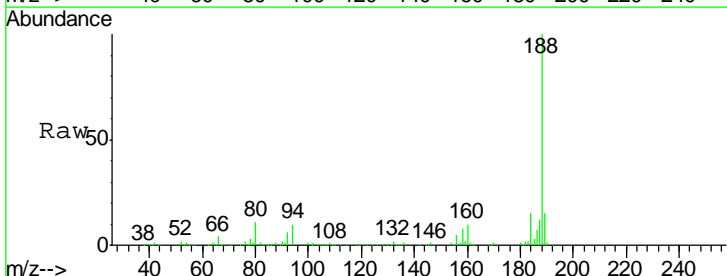
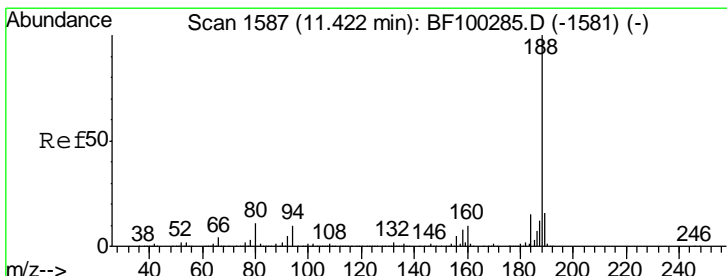
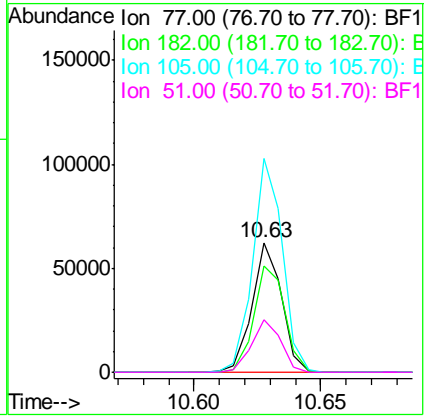




#62
 Azobenzene
 Concen: 3.77 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF100551.D
 Acq: 14 Nov 2017 19:09

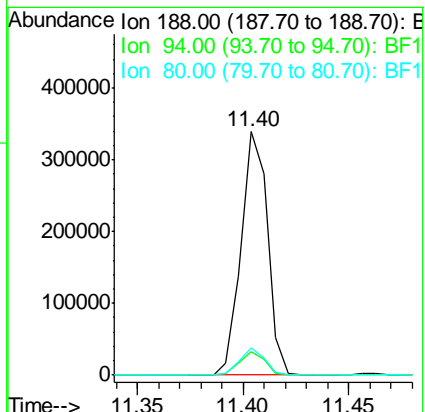
Instrument :
 BNA_F
 ClientSampled :
 3N-4

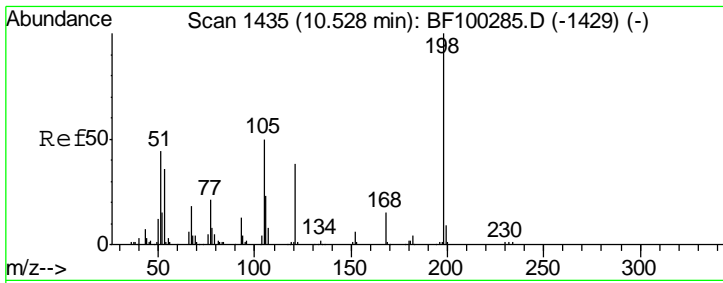
Tgt Ion	Resp	Lower	Upper
77	100		
182	82.2	1.7	41.7#
105	164.4	3.0	43.0#
51	40.9	9.9	49.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF100551.D
 Acq: 14 Nov 2017 19:09

Tgt Ion	Resp	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	11.4	9.2	13.8

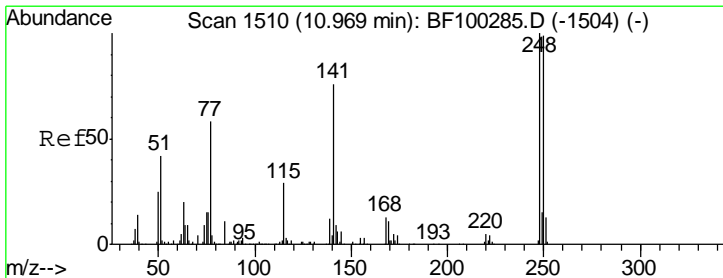
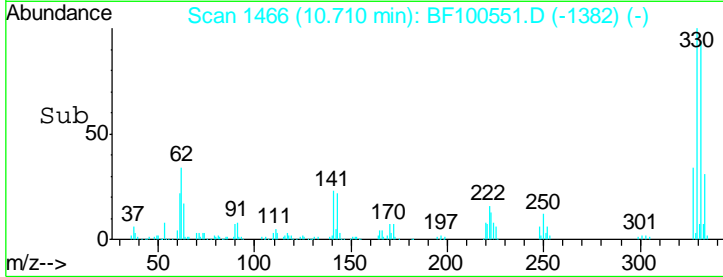
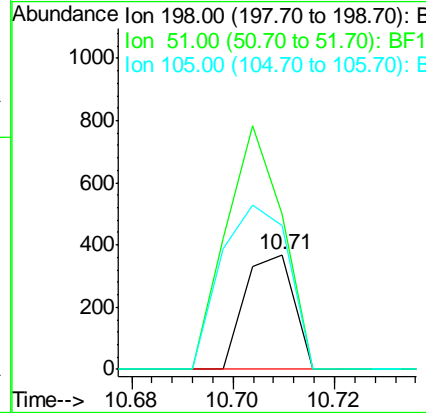
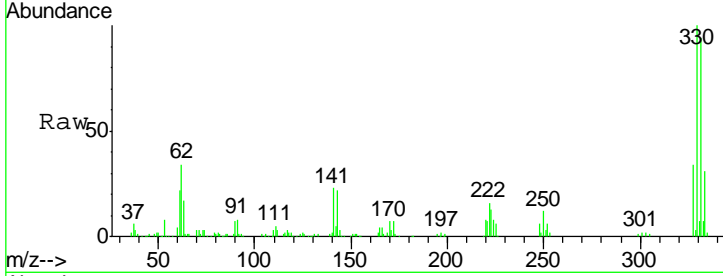




#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.71 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.19 min
 Lab File: BF100551.D
 Acq: 14 Nov 2017 19:09

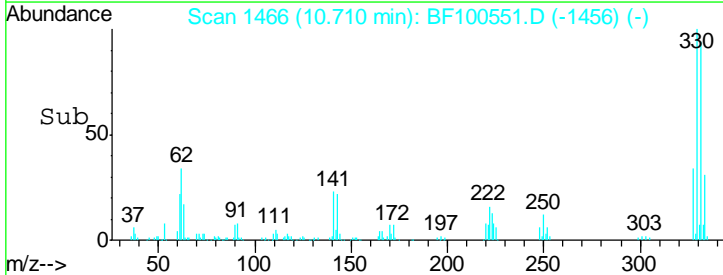
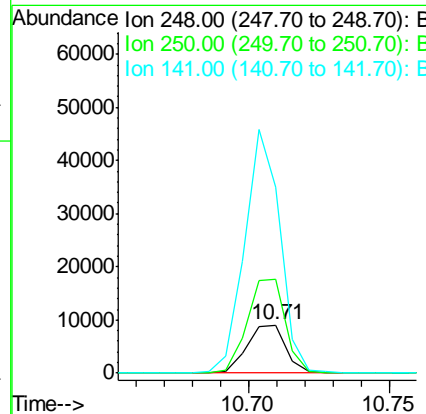
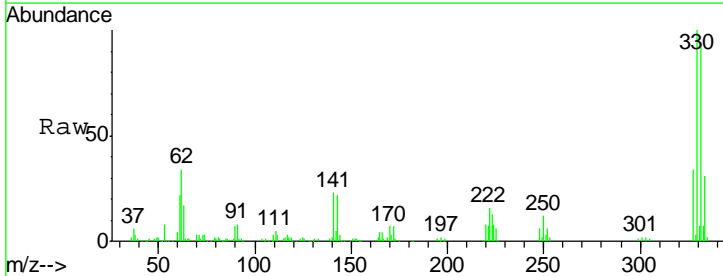
Instrument :
 BNA_F
 ClientSampled :
 3N-4

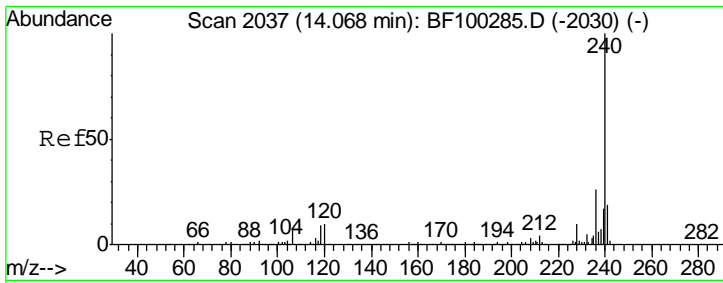
Tgt Ion	Resp	Lower	Upper
198	100		
51	135.5	37.7	77.7#
105	125.2	36.3	76.3#



#66
 4-Bromophenyl-phenylether
 Concen: 2.72 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.24 min
 Lab File: BF100551.D
 Acq: 14 Nov 2017 19:09

Tgt Ion	Resp	Lower	Upper
248	100		
250	195.7	76.9	115.3#
141	389.1	74.4	111.6#

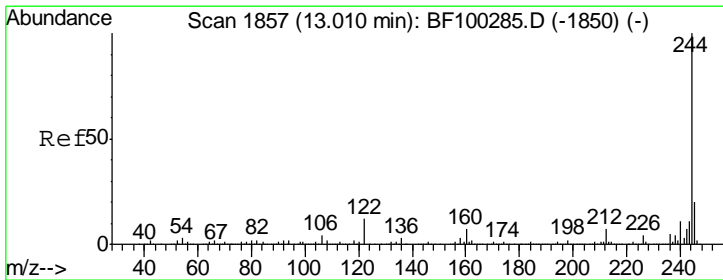
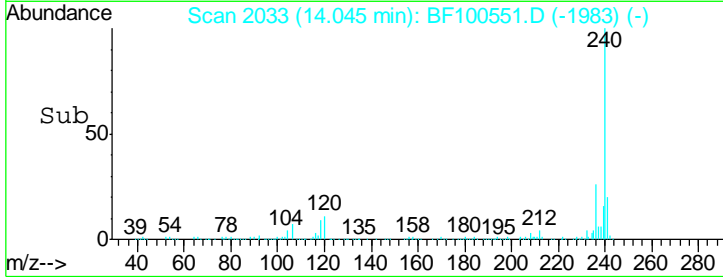
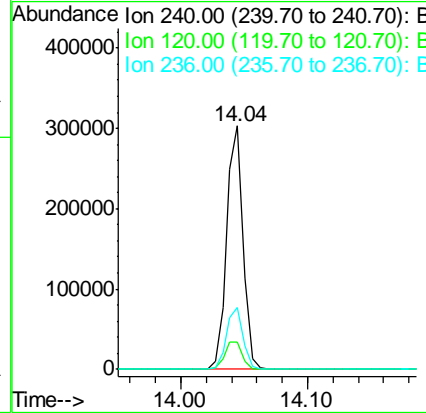
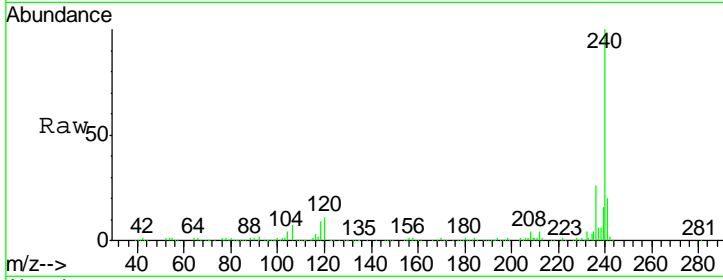




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF100551.D
 Acq: 14 Nov 2017 19:09

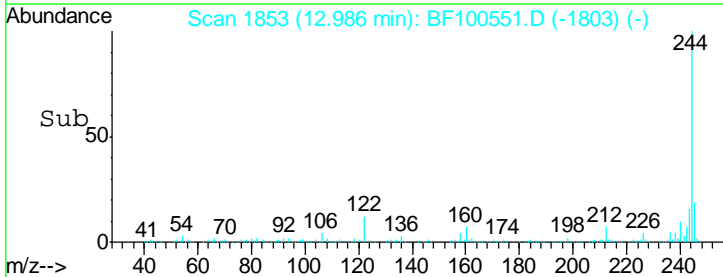
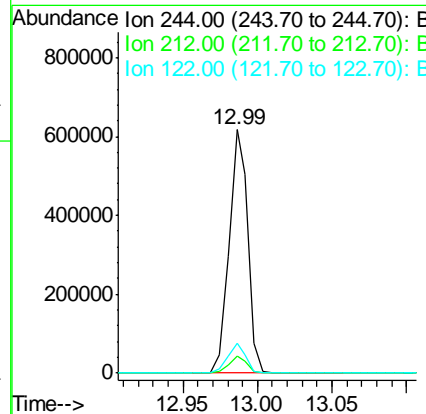
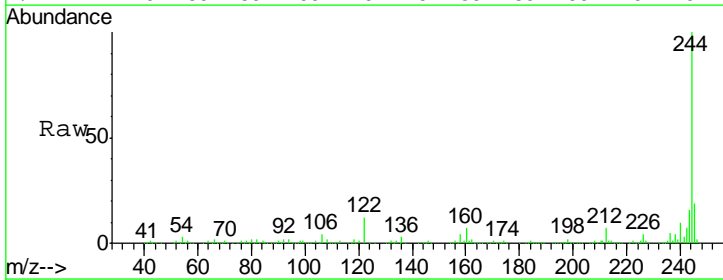
Instrument :
 BNA_F
 ClientSampled :
 3N-4

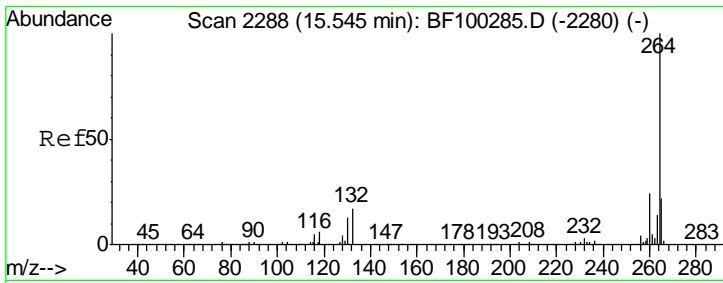
Tgt Ion	Resp	Lower	Upper
240	100		
120	11.1	9.5	14.3
236	25.6	20.7	31.1



#78
 Terphenyl-d14
 Concen: 46.13 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF100551.D
 Acq: 14 Nov 2017 19:09

Tgt Ion	Resp	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.4	11.0	16.4





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.52 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: BF100551.D
 Acq: 14 Nov 2017 19:09

Instrument :
 BNA_F
 ClientSampled :
 3N-4

Tgt Ion	Resp	Lower	Upper
264	194296		
260	24.2	19.2	28.8
265	21.4	17.5	26.3

