

Data File : BF100722.D
 Acq On : 18 Nov 2017 14:51
 Operator : SJ/JU
 Sample : I6521-08
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-(0-5)

Quant Time: Nov 20 00:13:57 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	91581	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	358314	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	159219	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	279995	20.00	ng	0.00
75) Chrysene-d12	14.04	240	208324	20.00	ng	0.00
86) Perylene-d12	15.52	264	178642	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	593007	103.80	ng	0.02
7) Phenol-d6	6.51	99	623082	88.44	ng	0.00
23) Nitrobenzene-d5	7.45	82	504242	93.04	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	198263	122.20	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	980257	93.75	ng	0.00
78) Terphenyl-d14	12.99	244	834593	92.05	ng	0.00

Target Compounds

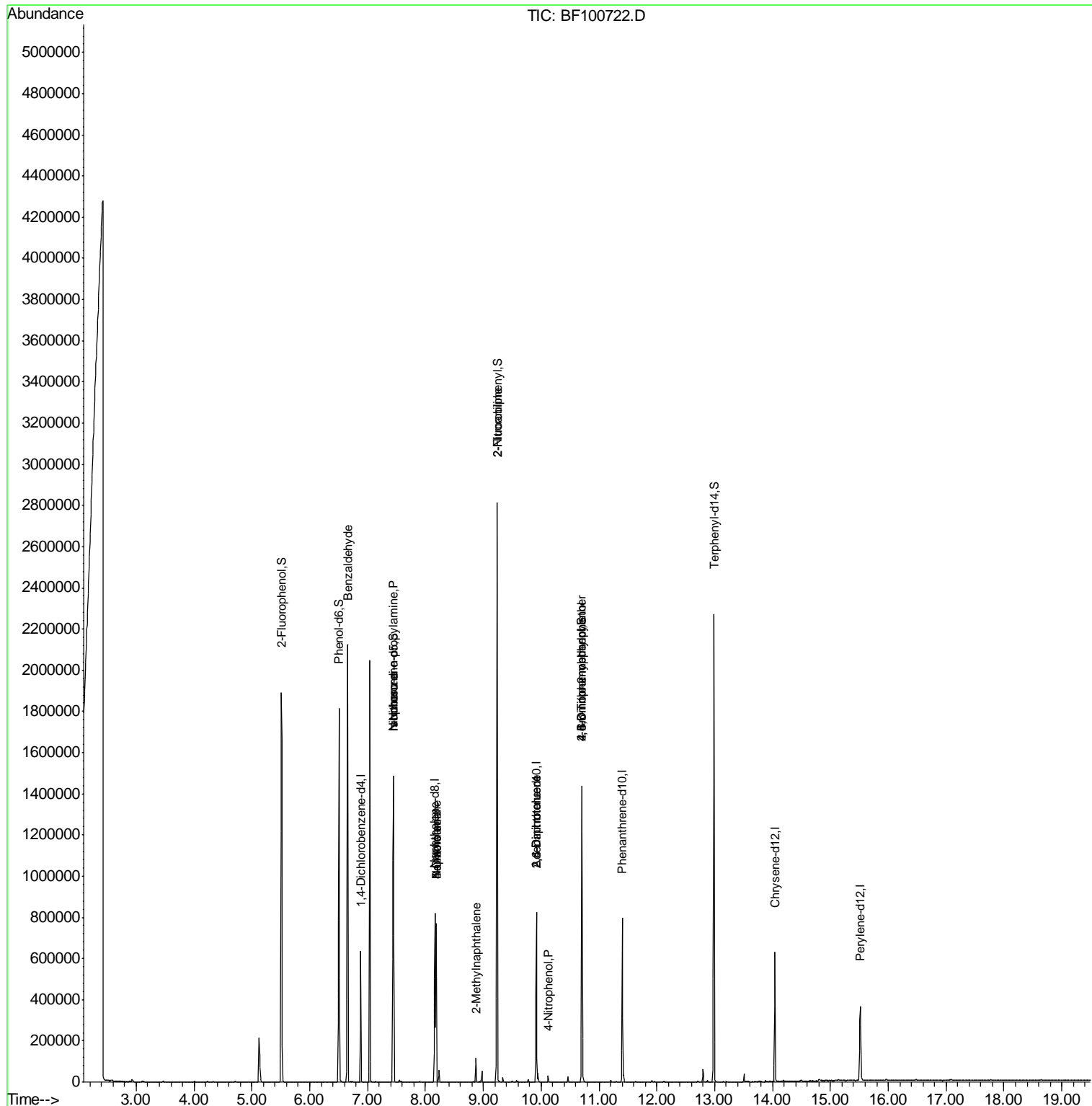
	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.65	77	13330	2.65	ng	83
19) n-Nitroso-di-n-propylamine	7.45	70	66065	13.52	ng	# 80
25) Isophorone	7.45	82	504234	44.27	ng	# 64
31) Naphthalene	8.19	128	351048	20.34	ng	98
32) Benzoic acid	8.18	122	695	9.51	ng	# 1
33) 4-Chloroaniline	8.19	127	45090	6.28	ng	# 34
37) 2-Methylnaphthalene	8.87	142	31437	2.74	ng	92
47) 2-Nitroaniline	9.24	65	1277	3.19	ng	# 1
50) 2,6-Dinitrotoluene	9.92	165	19780	8.22	ng	# 25
55) 4-Nitrophenol	10.12	139	4661	2.02	ng	# 9
56) 2,4-Dinitrotoluene	9.92	165	19780	6.52	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.71	198	281	8.73	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	12391	4.13	ng	# 1

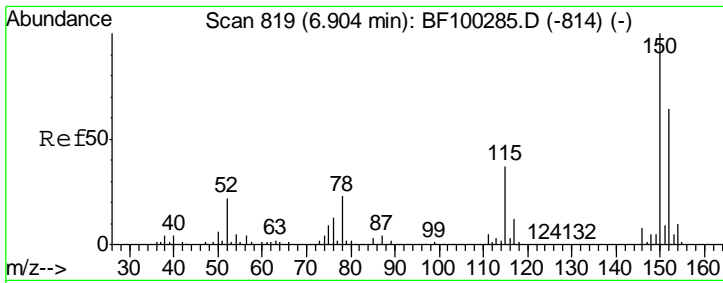
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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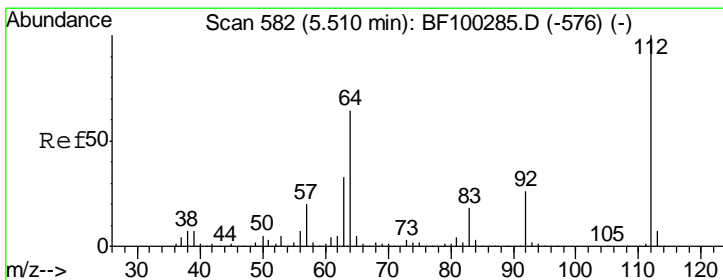
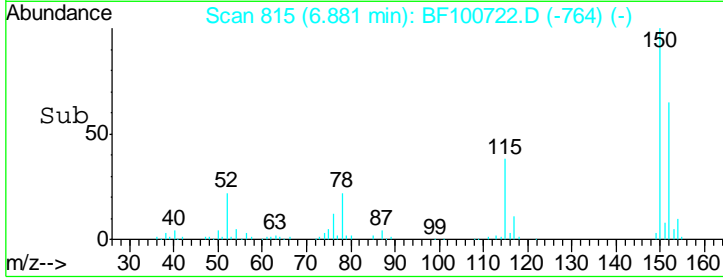
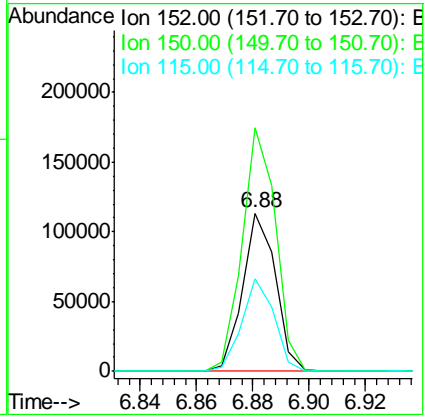
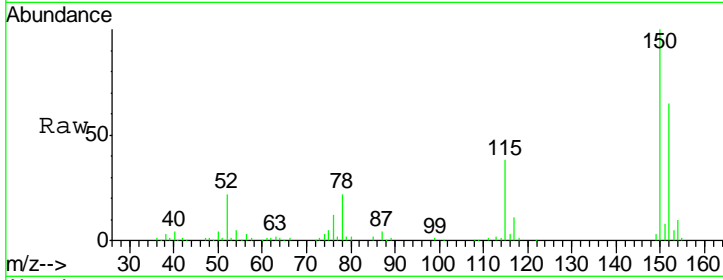




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF100722.D
 Acq: 18 Nov 2017 14:51

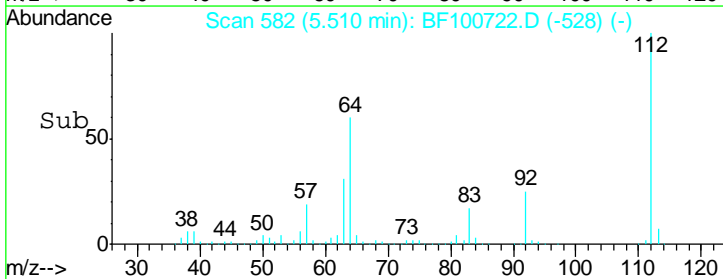
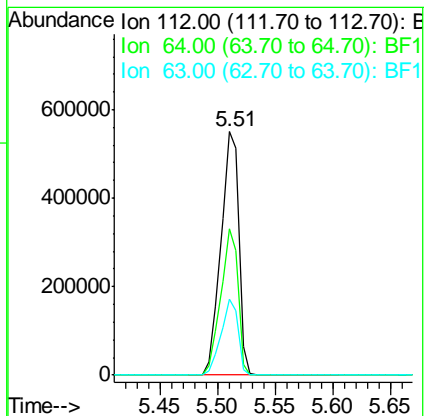
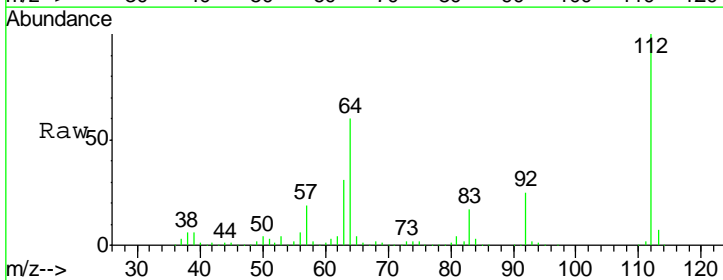
Instrument :
 BNA_F
ClientSampled :
 TP-1-(0-5)

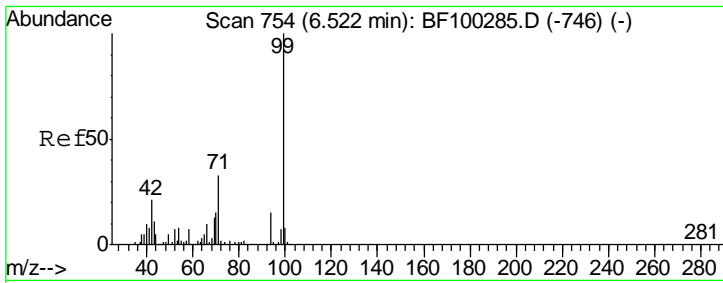
Tgt Ion	Resp	Lower	Upper
152	91581		
150	154.1	124.6	186.8
115	58.7	50.1	75.1



#5
 2-Fluorophenol
 Concen: 103.80 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.02 min
 Lab File: BF100722.D
 Acq: 18 Nov 2017 14:51

Tgt Ion	Resp	Lower	Upper
112	593007		
64	60.1	47.9	71.9
63	31.0	23.7	35.5

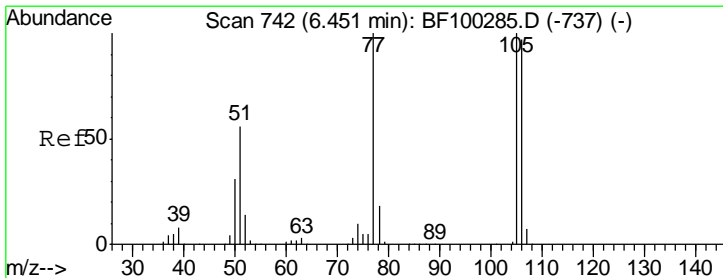
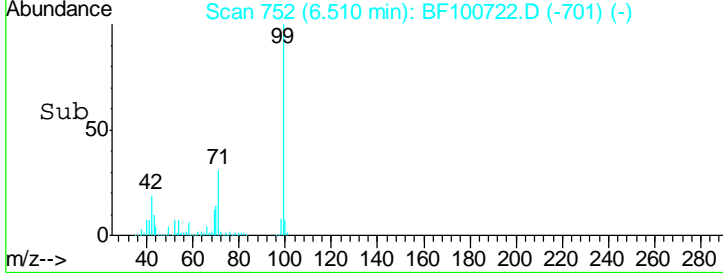
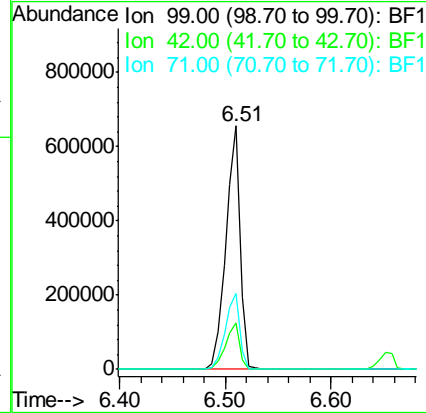
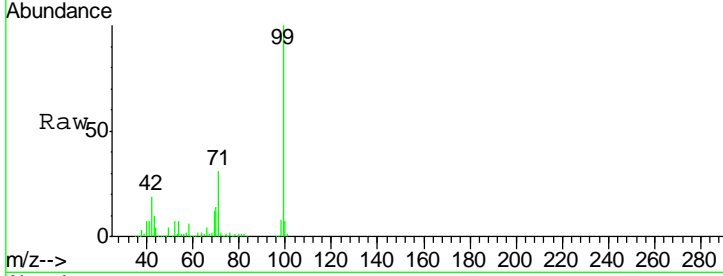




#7
 Phenol-d6
 Concen: 88.44 ng
 RT: 6.51 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF100722.D
 Acq: 18 Nov 2017 14:51

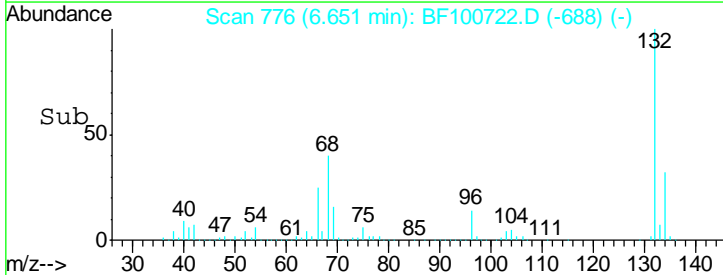
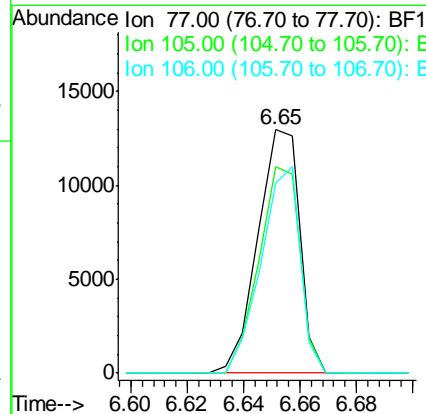
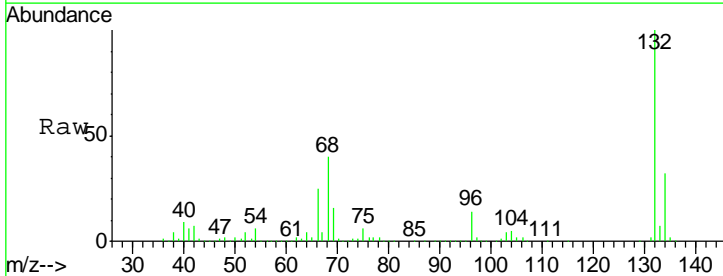
Instrument :
 BNA_F
ClientSampled :
 TP-1-(0-5)

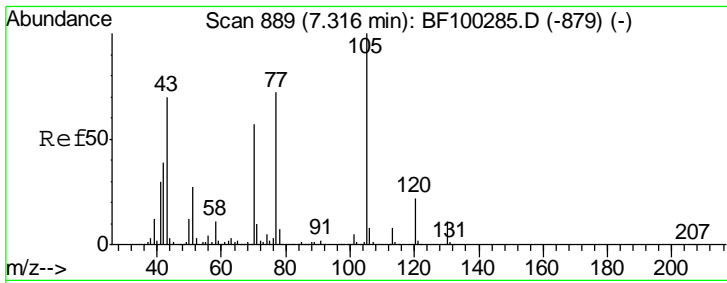
Tgt Ion	Resp	Lower	Upper
99	623082		
42	18.9	14.5	21.7
71	31.4	25.4	38.0



#9
 Benzaldehyde
 Concen: 2.65 ng
 RT: 6.65 min Scan# 776
 Delta R.T. 0.22 min
 Lab File: BF100722.D
 Acq: 18 Nov 2017 14:51

Tgt Ion	Resp	Lower	Upper
77	13330		
105	84.9	81.1	121.1
106	77.8	74.5	114.5

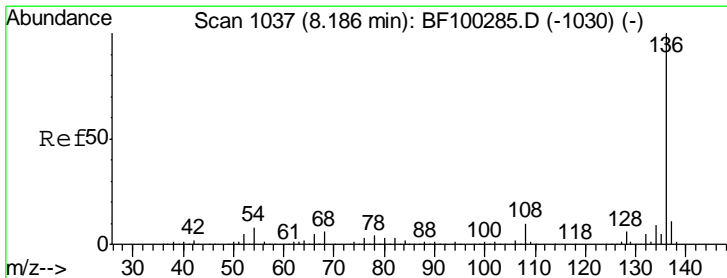
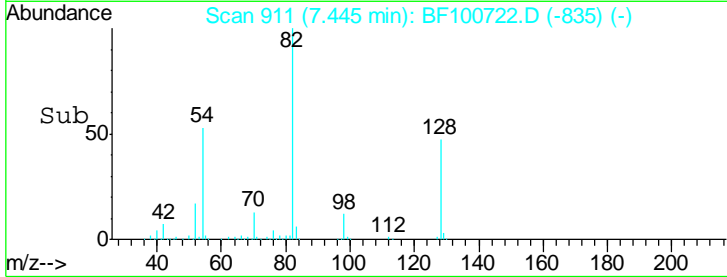
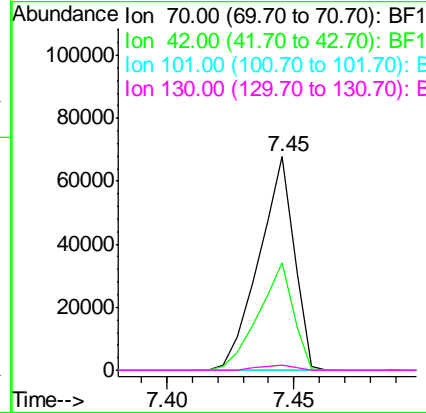
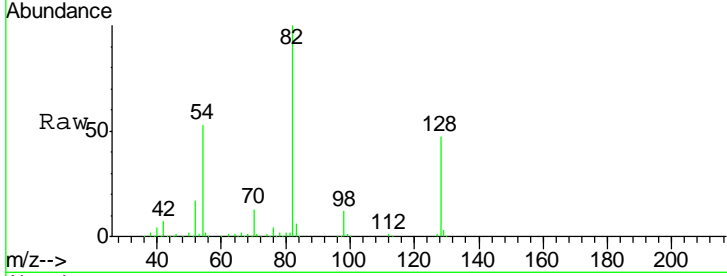




#19
 n-Nitroso-di-n-propylamine
 Concen: 13.52 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.15 min
 Lab File: BF100722.D
 Acq: 18 Nov 2017 14:51

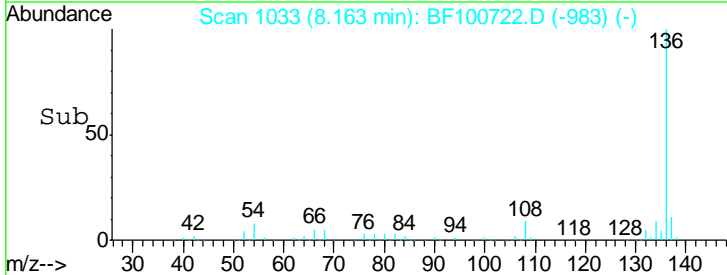
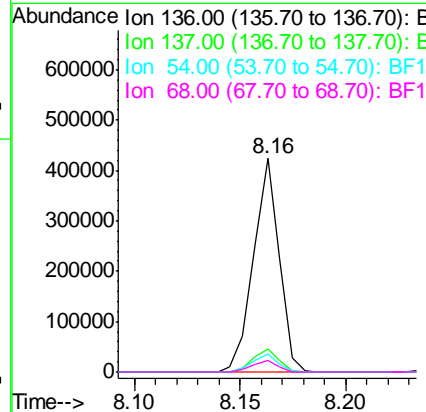
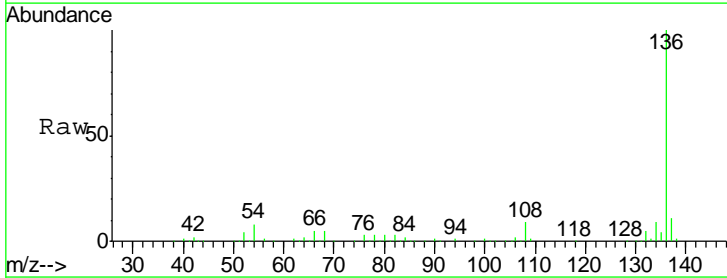
Instrument :
 BNA_F
ClientSampled :
 TP-1-(0-5)

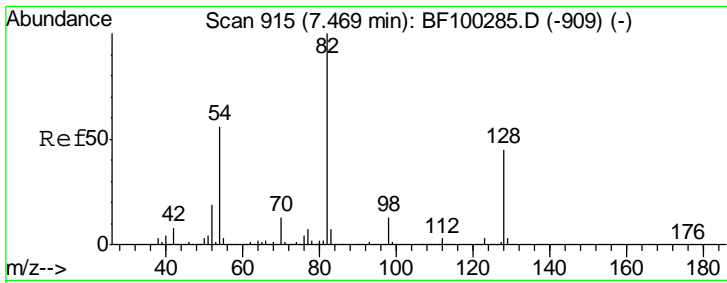
Tgt Ion	Resp	Lower	Upper
70	100		
42	50.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF100722.D
 Acq: 18 Nov 2017 14:51

Tgt Ion	Resp	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.2	6.6	9.8
68	5.2	5.0	7.4

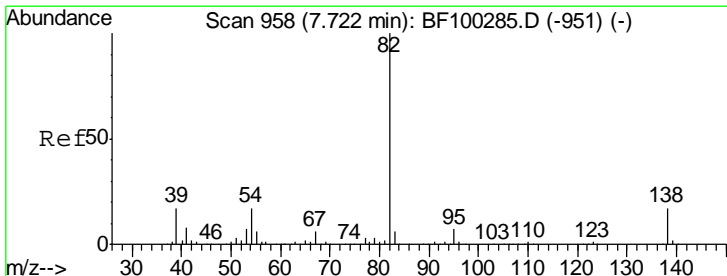
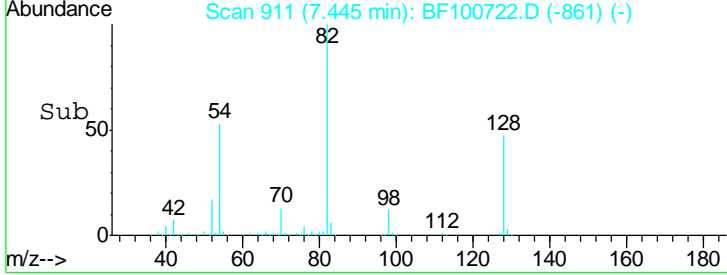
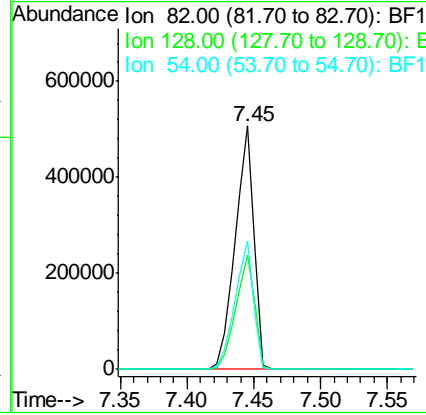
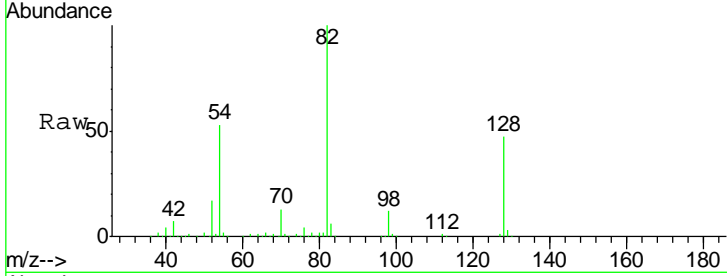




#23
 Nitrobenzene-d5
 Concen: 93.04 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF100722.D
 Acq: 18 Nov 2017 14:51

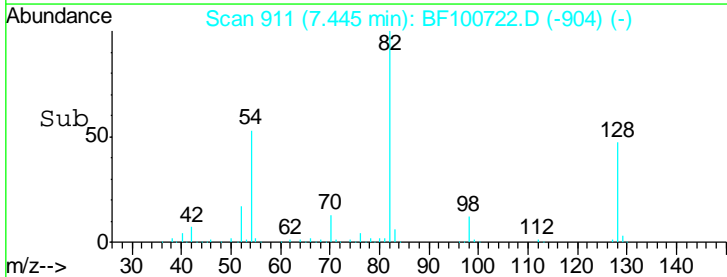
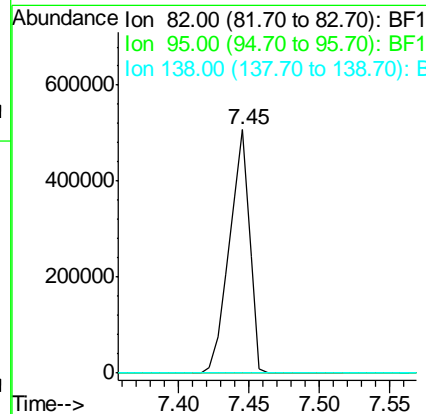
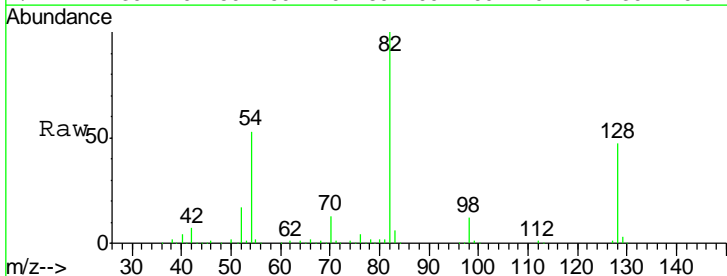
Instrument :
 BNA_F
ClientSampled :
 TP-1-(0-5)

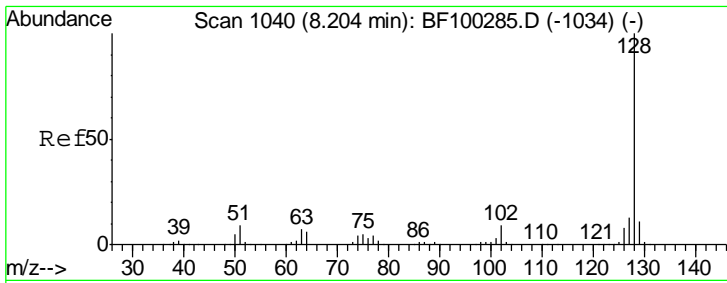
Tgt Ion	Resp	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	52.8	41.4	62.2



#25
 Isophorone
 Concen: 44.27 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.26 min
 Lab File: BF100722.D
 Acq: 18 Nov 2017 14:51

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



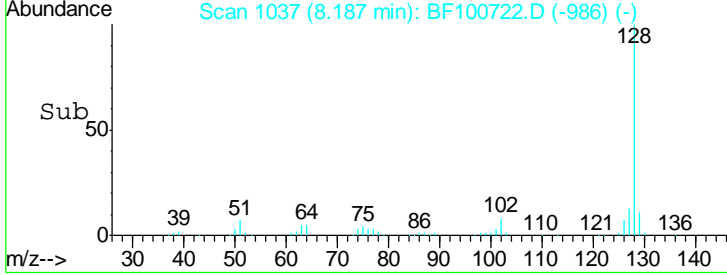
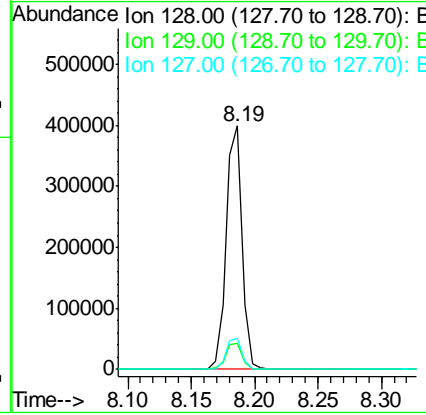
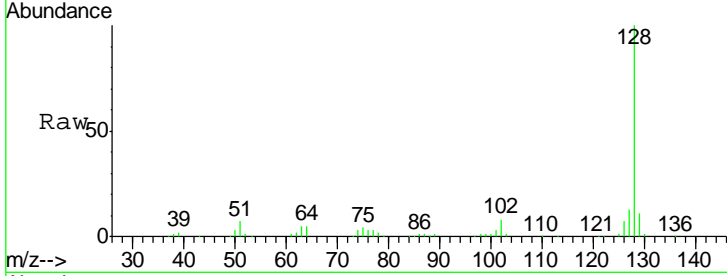


#31
 Naphthalene
 Concen: 20.34 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF100722.D
 Acq: 18 Nov 2017 14:51

Instrument :
 BNA_F
ClientSampled :
 TP-1-(0-5)

Tgt Ion:128 Resp: 351048

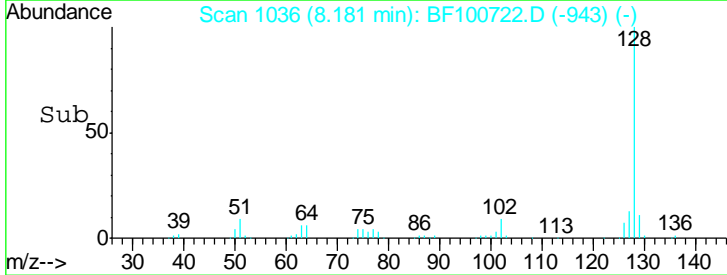
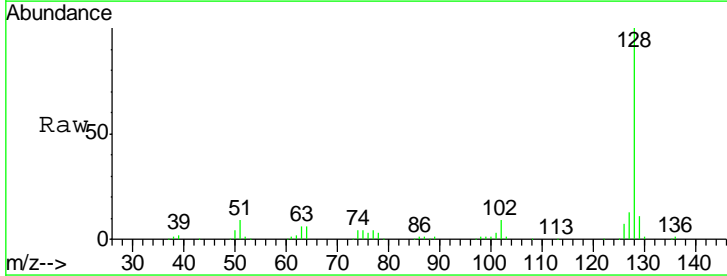
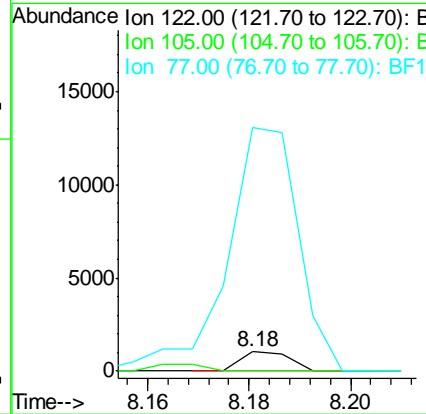
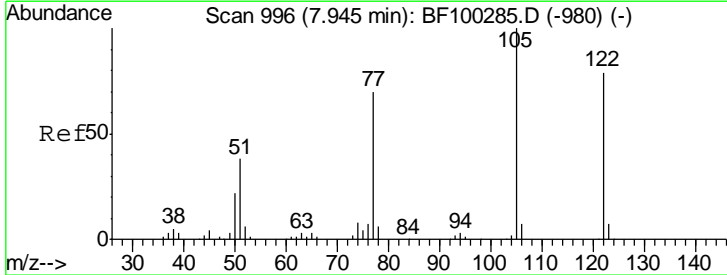
Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.8	13.2
127	12.8	10.9	16.3

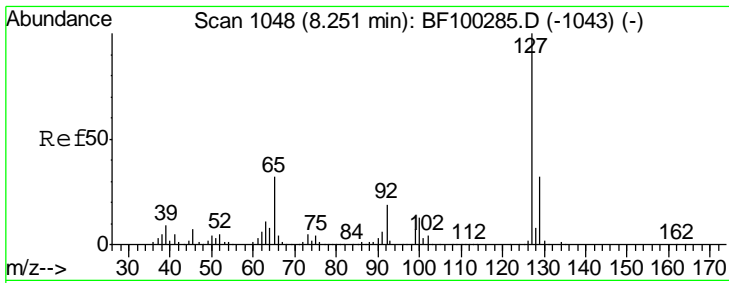


#32
 Benzoic acid
 Concen: 9.51 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. 0.25 min
 Lab File: BF100722.D
 Acq: 18 Nov 2017 14:51

Tgt Ion:122 Resp: 695

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	1273.8	70.7	110.7#

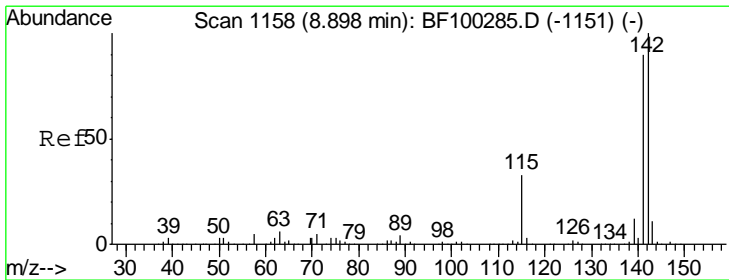
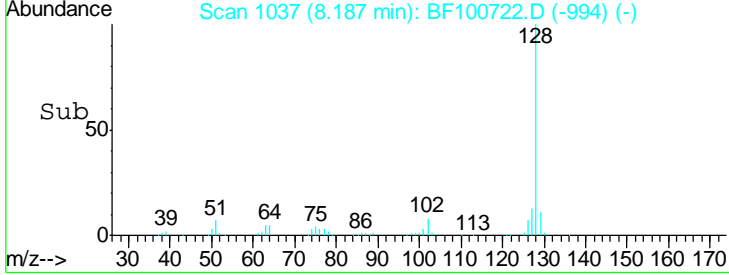
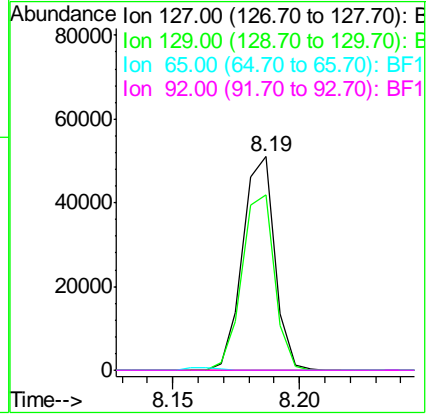
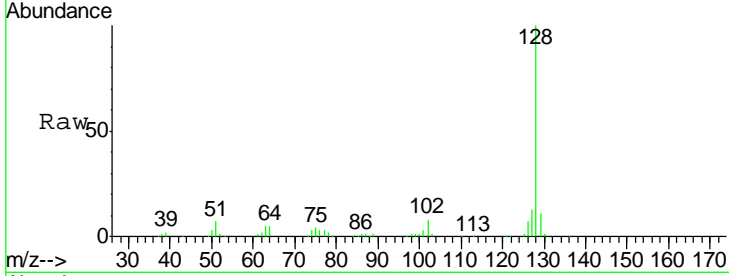




#33
 4-Chloroaniline
 Concen: 6.28 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.05 min
 Lab File: BF100722.D
 Acq: 18 Nov 2017 14:51

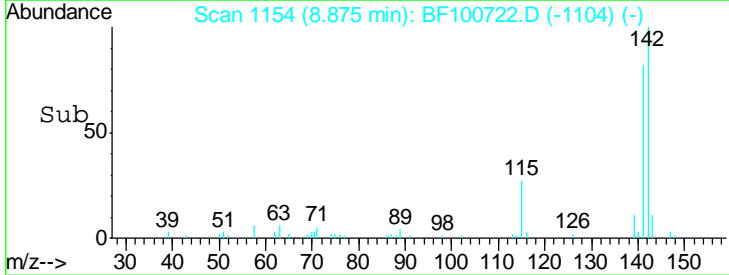
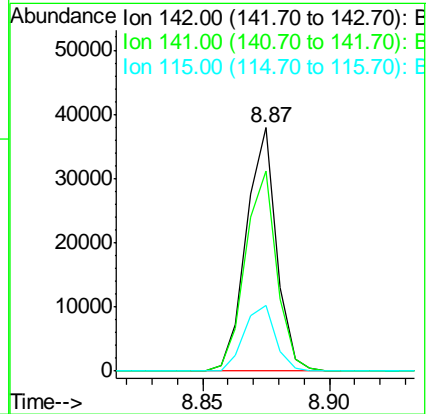
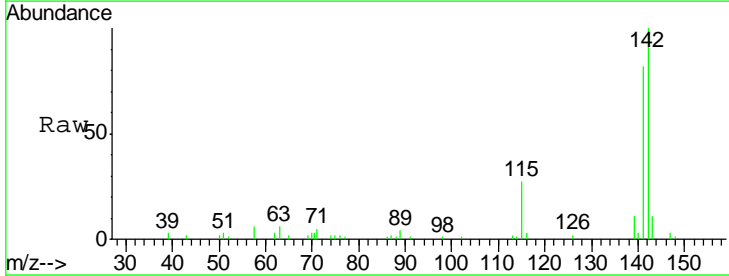
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 BNA_F
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 TP-1-(0-5)

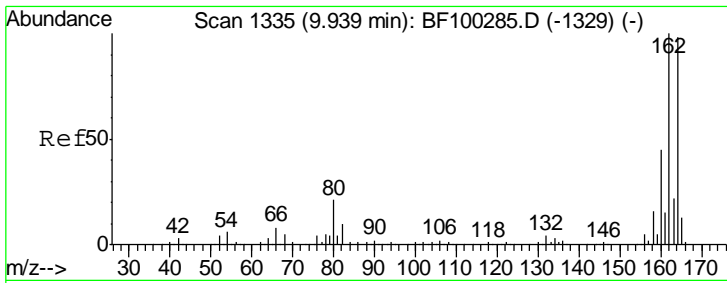
Tgt Ion	Resp	Lower	Upper
127	45090		
129	82.3	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



#37
 2-Methylnaphthalene
 Concen: 2.74 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF100722.D
 Acq: 18 Nov 2017 14:51

Tgt Ion	Resp	Lower	Upper
142	31437		
141	82.3	70.8	106.2
115	27.1	26.1	39.1

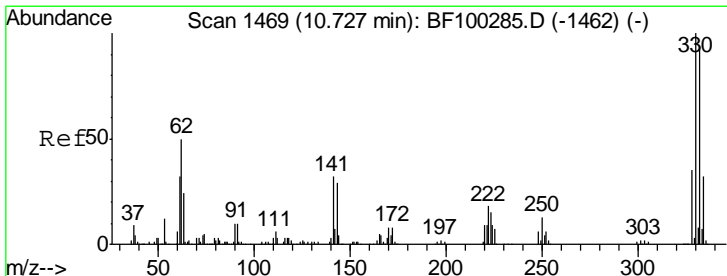
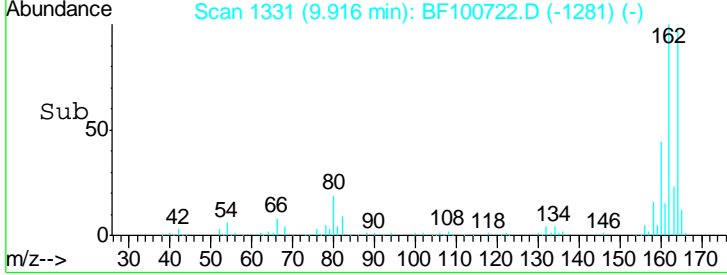
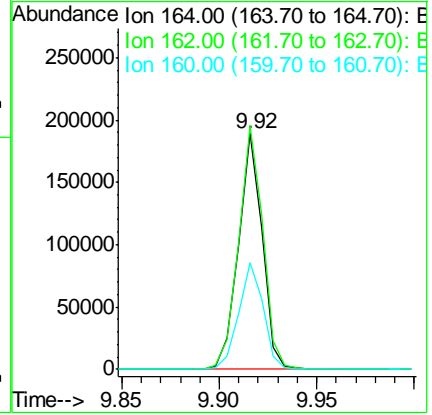
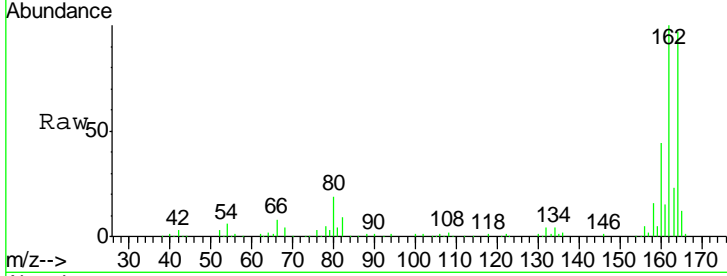




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100722.D
 Acq: 18 Nov 2017 14:51

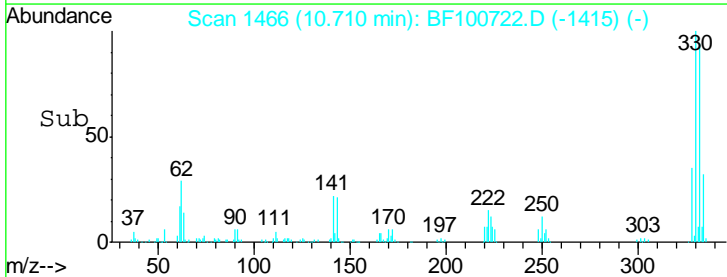
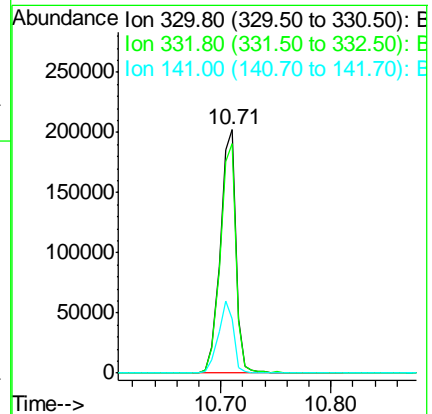
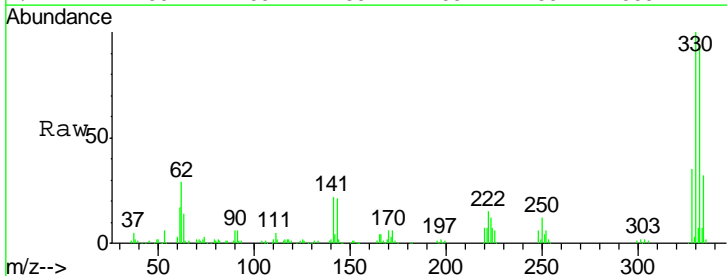
Instrument :
 BNA_F
 ClientSampled :
 TP-1-(0-5)

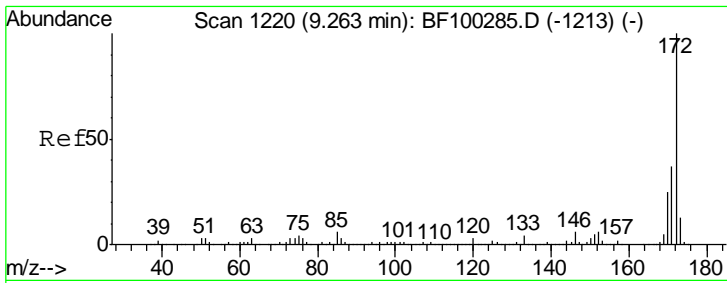
Tgt Ion	Resp	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	45.3	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 122.20 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF100722.D
 Acq: 18 Nov 2017 14:51

Tgt Ion	Resp	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	28.4	29.9	44.9#

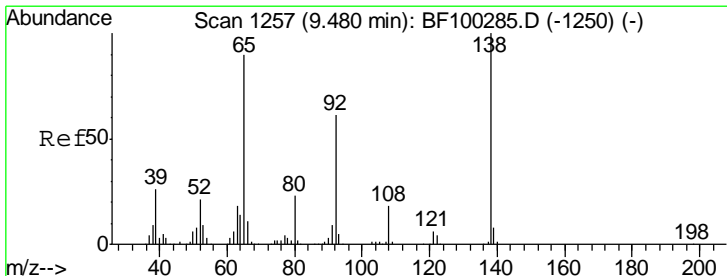
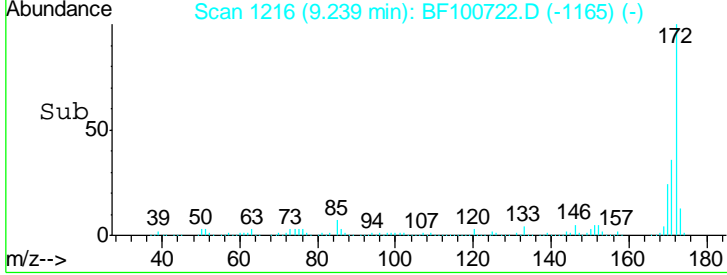
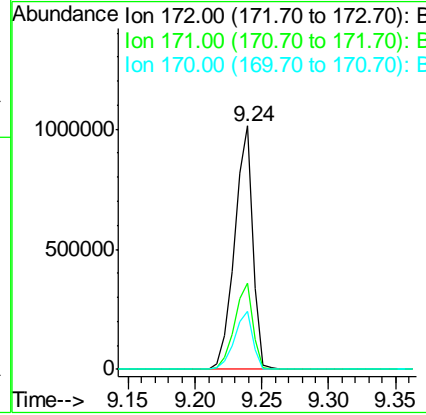
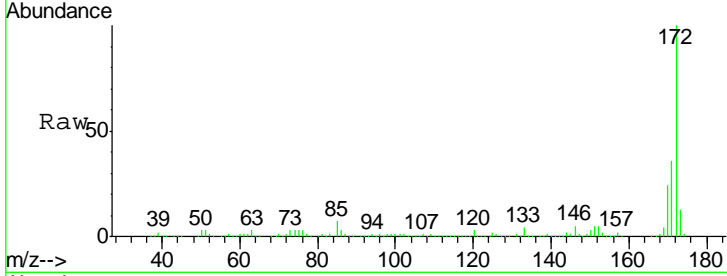




#44
 2-Fluorobiphenyl
 Concen: 93.75 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF100722.D
 Acq: 18 Nov 2017 14:51

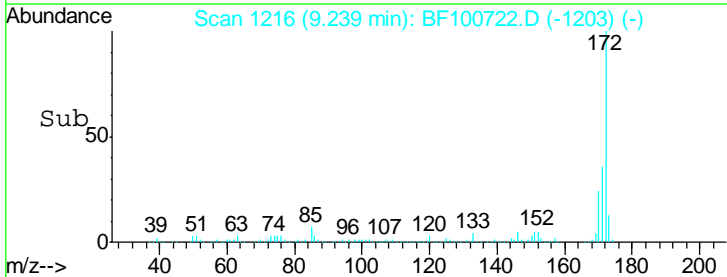
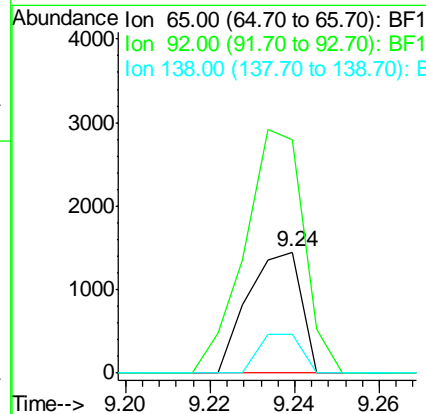
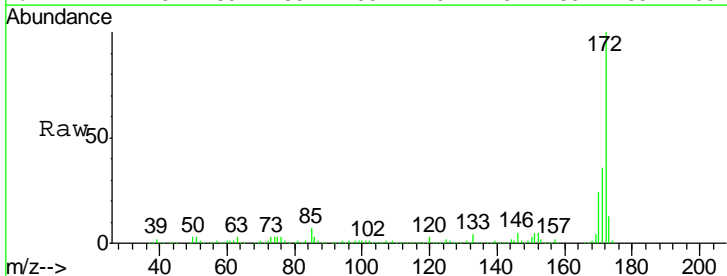
Instrument :
 BNA_F
 ClientSampled :
 TP-1-(0-5)

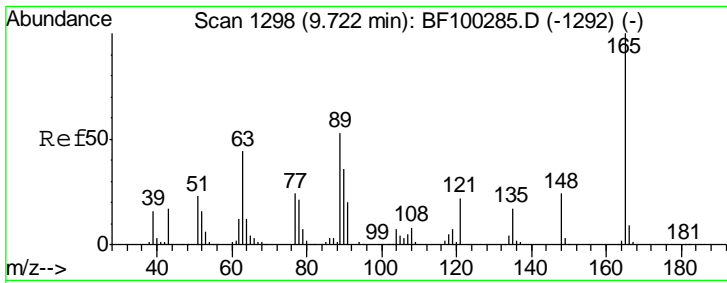
Tgt Ion	Resp	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.6	19.6	29.4



#47
 2-Nitroaniline
 Concen: 3.19 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.22 min
 Lab File: BF100722.D
 Acq: 18 Nov 2017 14:51

Tgt Ion	Resp	Lower	Upper
65	100		
92	192.5	55.8	83.6#
138	32.2	91.2	136.8#

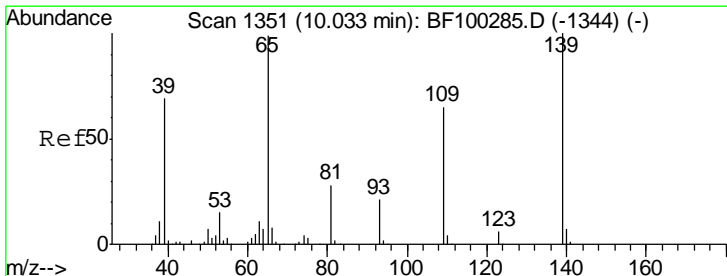
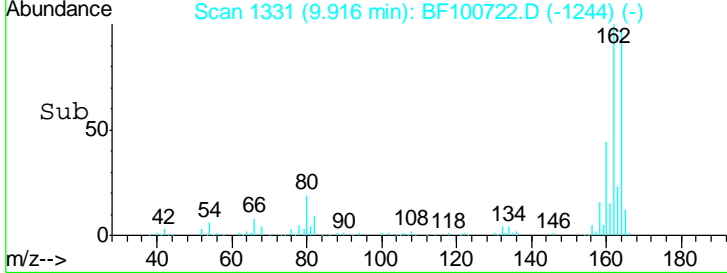
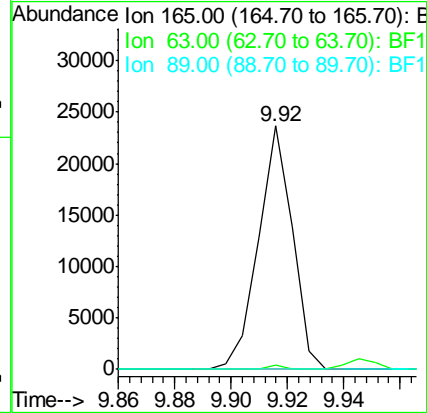
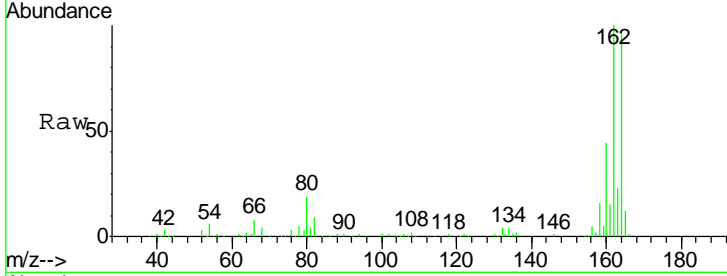




#50
 2,6-Dinitrotoluene
 Concen: 8.22 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF100722.D
 Acq: 18 Nov 2017 14:51

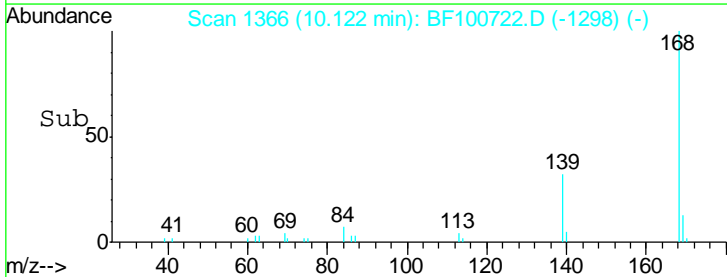
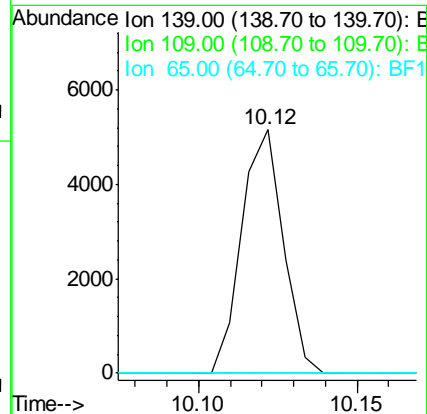
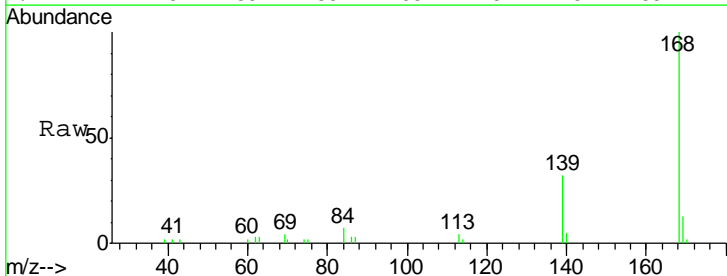
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-(0-5)

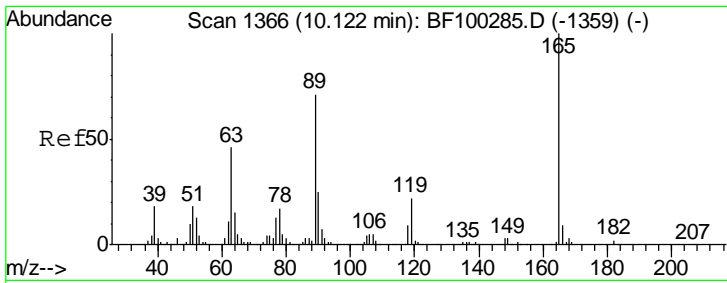
Tgt Ion	Resp	Lower	Upper
165	100		
63	1.9	44.7	67.1#
89	0.0	44.0	66.0#



#55
 4-Nitrophenol
 Concen: 2.02 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. 0.10 min
 Lab File: BF100722.D
 Acq: 18 Nov 2017 14:51

Tgt Ion	Resp	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#

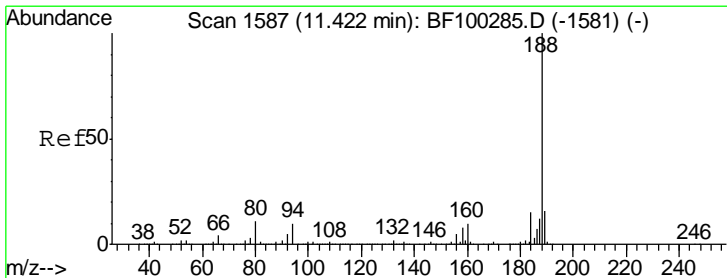
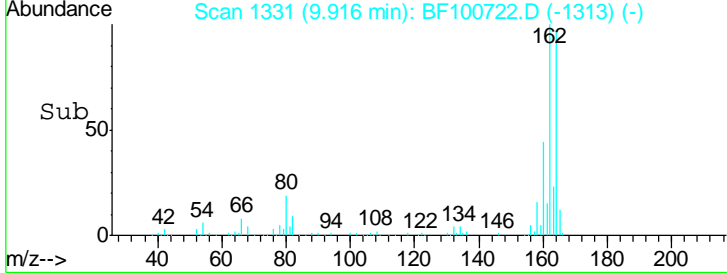
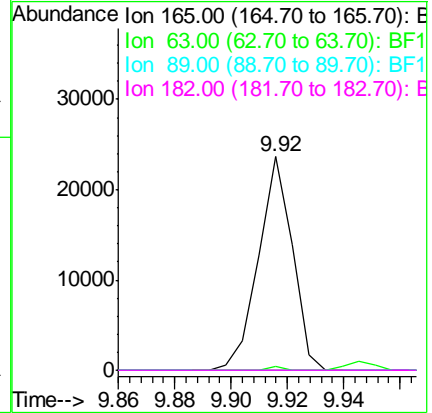
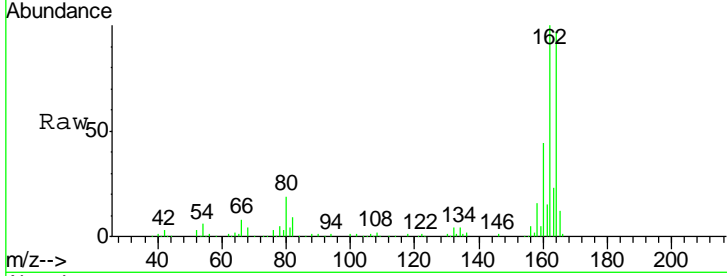




#56
 2,4-Dinitrotoluene
 Concen: 6.52 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF100722.D
 Acq: 18 Nov 2017 14:51

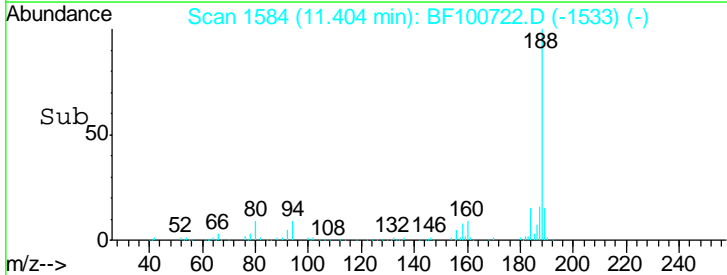
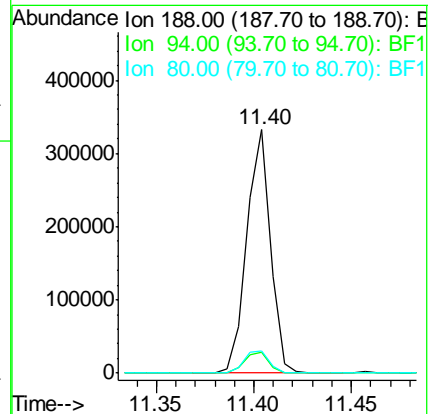
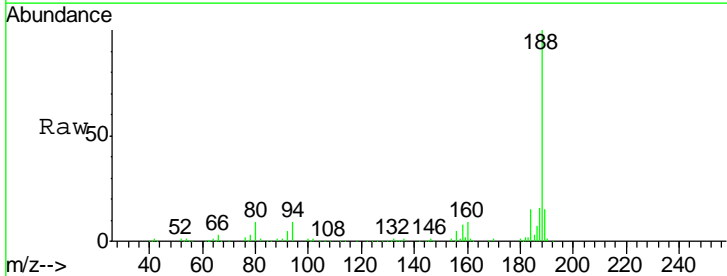
Instrument :
 BNA_F
 ClientSampled :
 TP-1-(0-5)

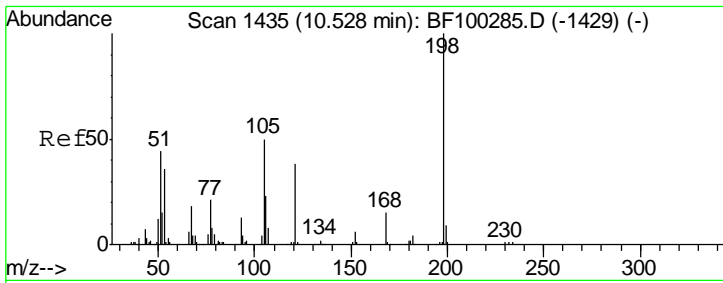
Tgt Ion	Resp	Lower	Upper
165	19780		
63	1.9	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF100722.D
 Acq: 18 Nov 2017 14:51

Tgt Ion	Resp	Lower	Upper
188	279995		
94	8.6	8.5	12.7
80	9.0	9.2	13.8#

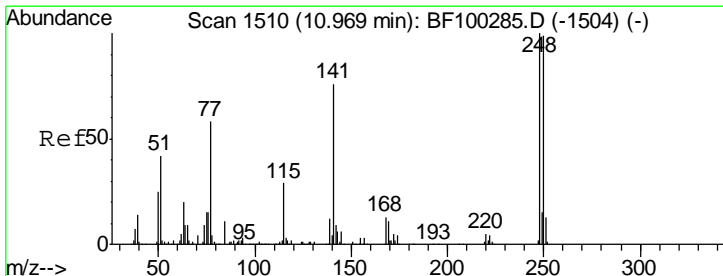
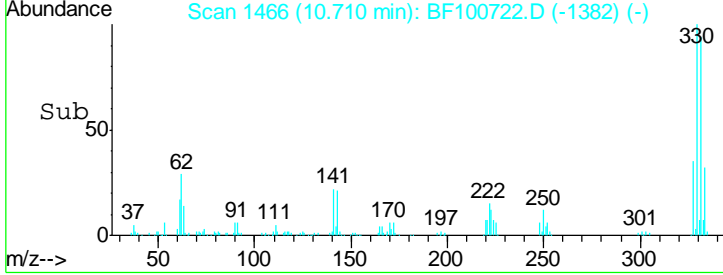
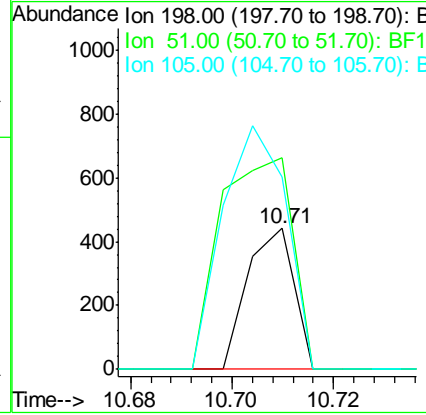
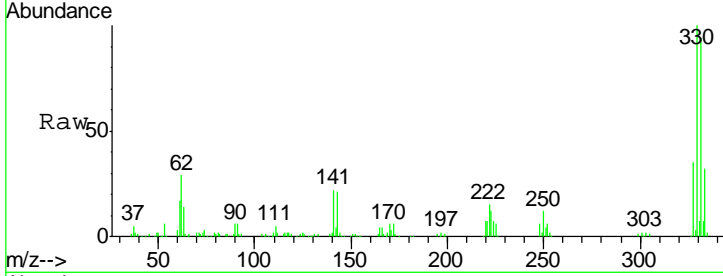




#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.73 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.19 min
 Lab File: BF100722.D
 Acq: 18 Nov 2017 14:51

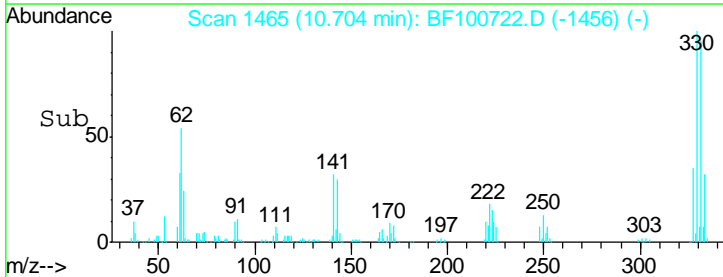
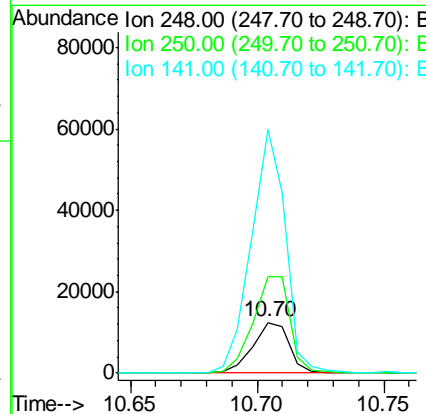
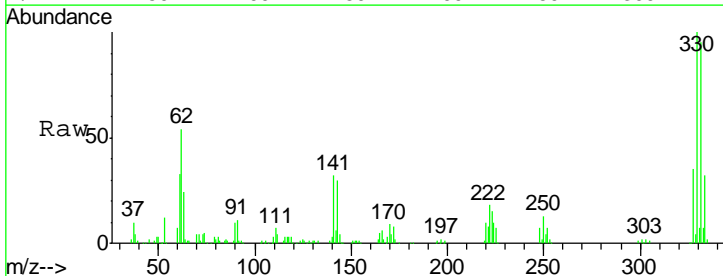
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-(0-5)

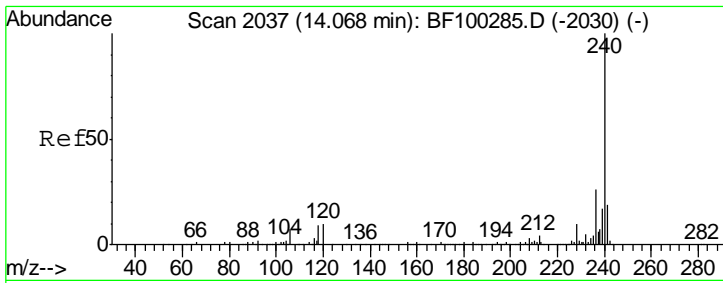
Tgt Ion	Resp	Lower	Upper
198	100		
51	150.1	37.7	77.7#
105	136.3	36.3	76.3#



#66
 4-Bromophenyl-phenylether
 Concen: 4.13 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF100722.D
 Acq: 18 Nov 2017 14:51

Tgt Ion	Resp	Lower	Upper
248	100		
250	190.4	76.9	115.3#
141	483.6	74.4	111.6#

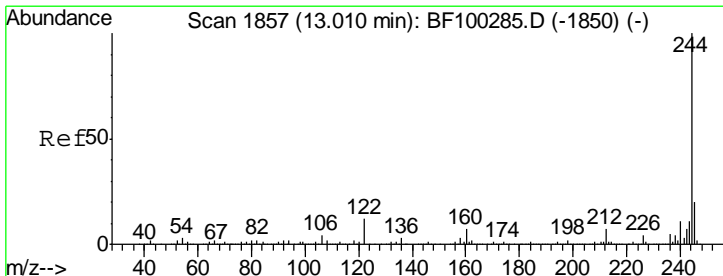
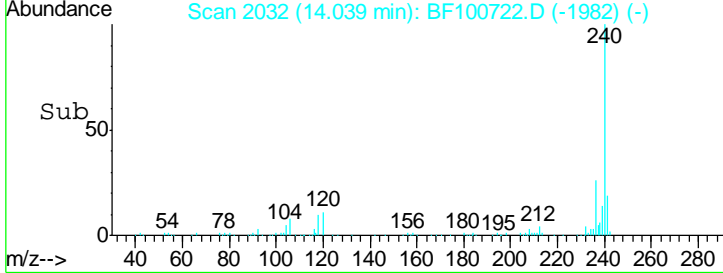
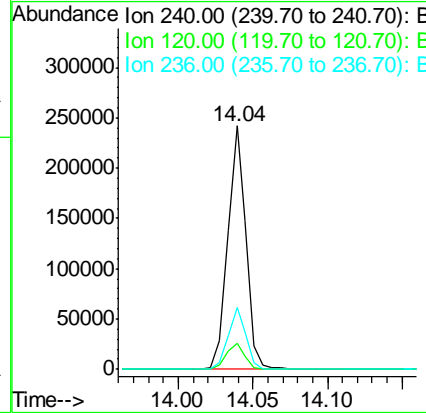
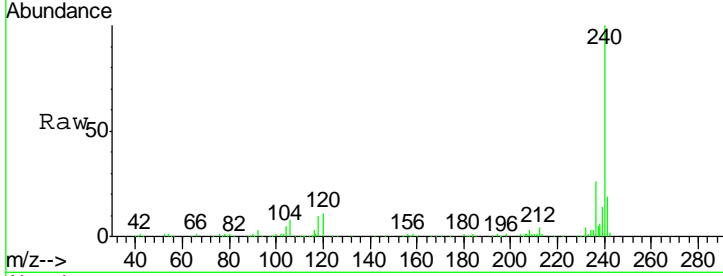




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF100722.D
 Acq: 18 Nov 2017 14:51

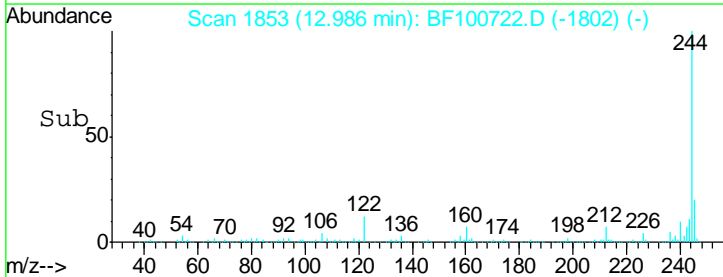
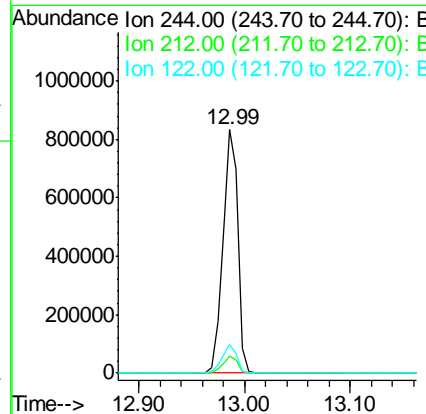
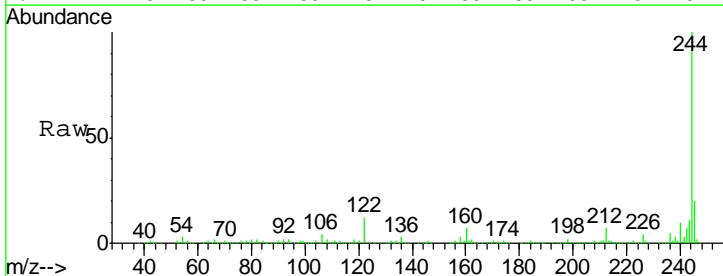
Instrument :
 BNA_F
 ClientSampled :
 TP-1-(0-5)

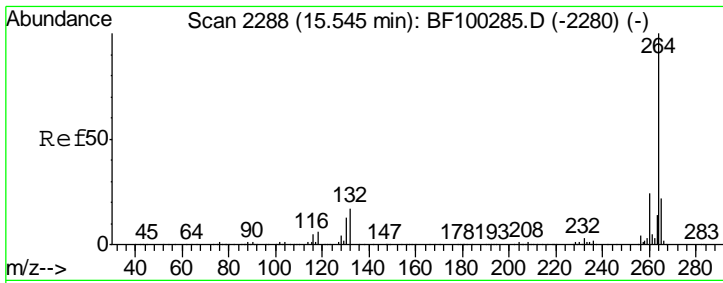
Tgt Ion	Resp	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	25.5	20.7	31.1



#78
 Terphenyl-d14
 Concen: 92.05 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: BF100722.D
 Acq: 18 Nov 2017 14:51

Tgt Ion	Resp	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.9	11.0	16.4





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. 0.00 min
 Lab File: BF100722.D
 Acq: 18 Nov 2017 14:51

Instrument :
 BNA_F
 ClientSampled :
 TP-1-(0-5)

Tgt Ion	Resp	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.2	17.5	26.3

