

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103631.D
 Acq On : 14 Mar 2018 5:29
 Operator : SJ/JU
 Sample : J1894-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 14 11:12:02 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	145352	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	647464	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	285835	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	485420	20.00	ng	0.00
75) Chrysene-d12	14.06	240	244947	20.00	ng	0.00
86) Perylene-d12	15.57	264	237132	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	321255	33.43	ng	0.02
7) Phenol-d6	6.52	99	247555	21.05	ng	0.01
23) Nitrobenzene-d5	7.43	82	1121583	98.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	186352	77.02	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1589339	99.79	ng	0.00
78) Terphenyl-d14	12.98	244	1022992	100.39	ng	0.00

Target Compounds

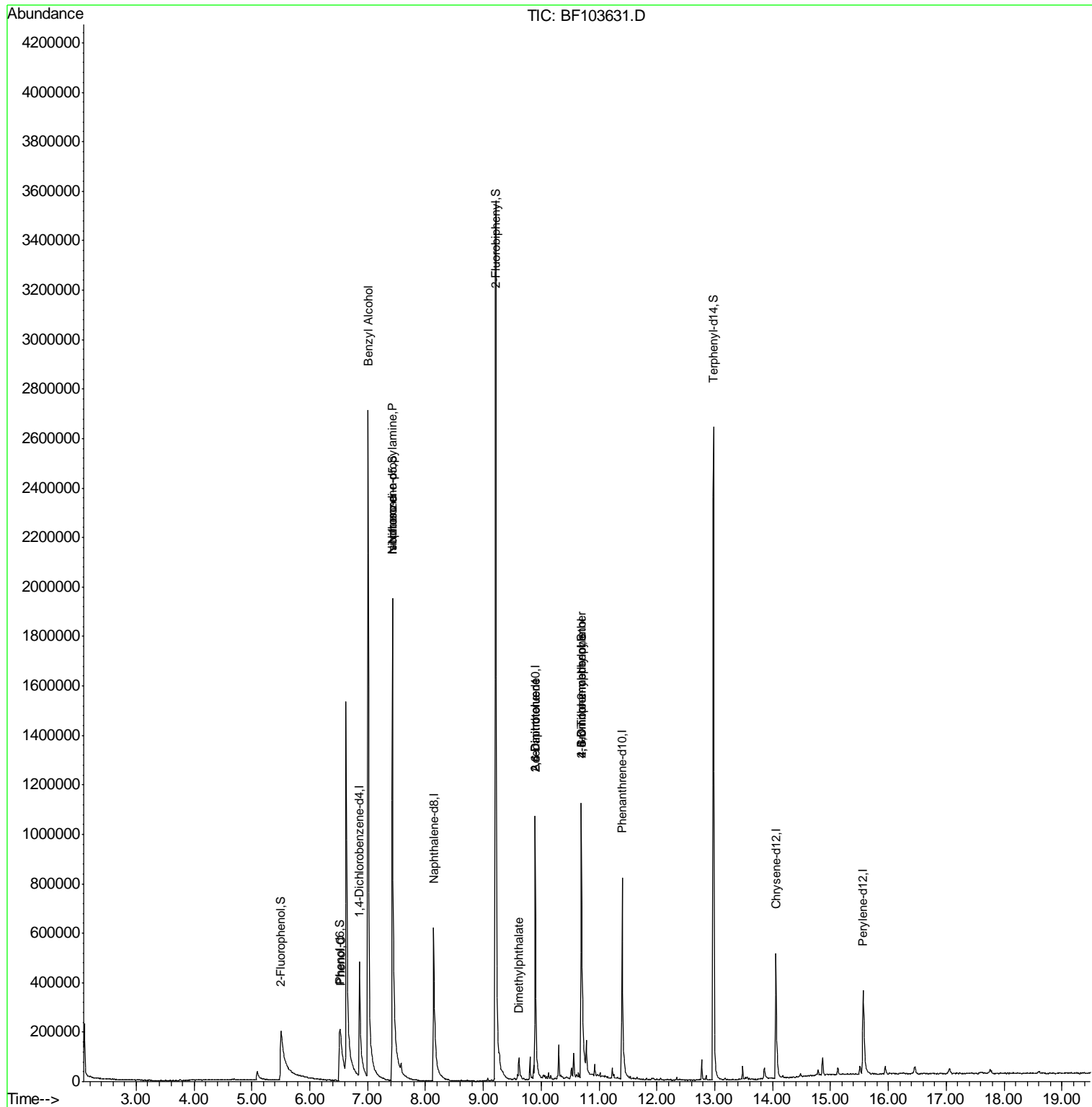
						Qvalue
10) Phenol	6.53	94	32619	2.389	ng	# 71
15) Benzyl Alcohol	7.01	79	17874	2.017	ng	# 38
19) n-Nitroso-di-n-propylamine	7.43	70	140817	19.240	ng	# 83
25) Isophorone	7.43	82	1124146	50.344	ng	# 64
49) Dimethylphthalate	9.62	163	55319	2.413	ng	99
50) 2,6-Dinitrotoluene	9.90	165	35931	7.467	ng	# 26
56) 2,4-Dinitrotoluene	9.90	165	36678	6.027	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.69	198	232	5.016	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	12546	2.481	ng	# 1

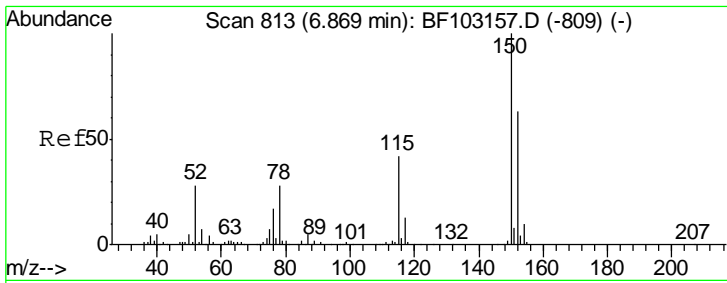
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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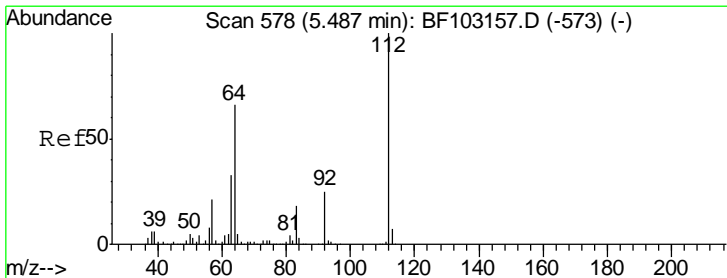
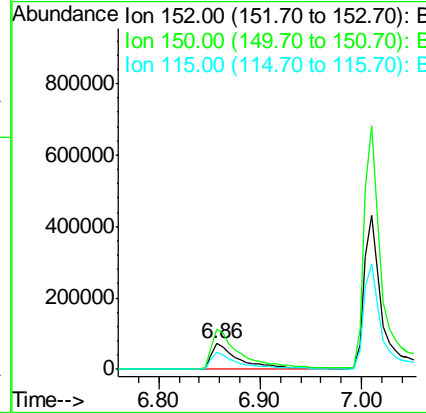
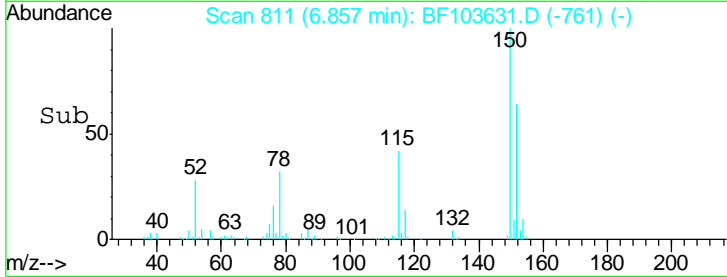
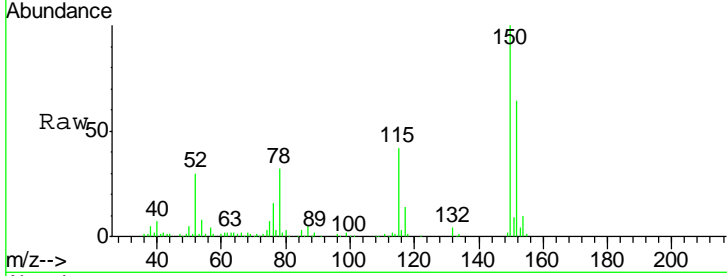




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF103631.D
 Acq: 14 Mar 2018 5:29

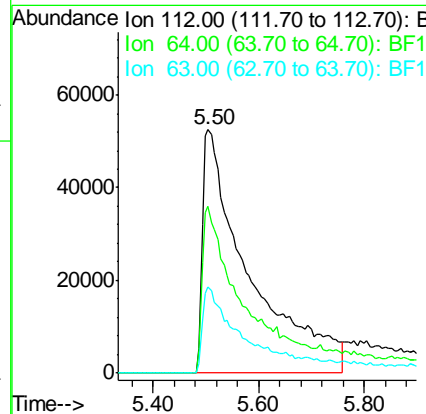
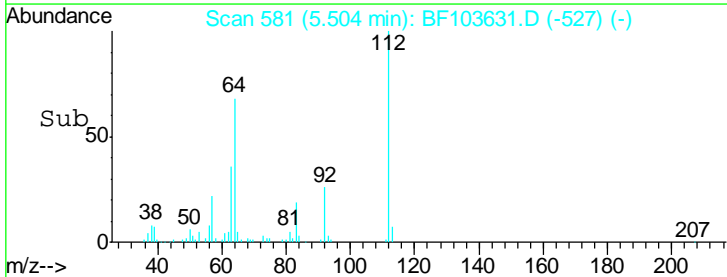
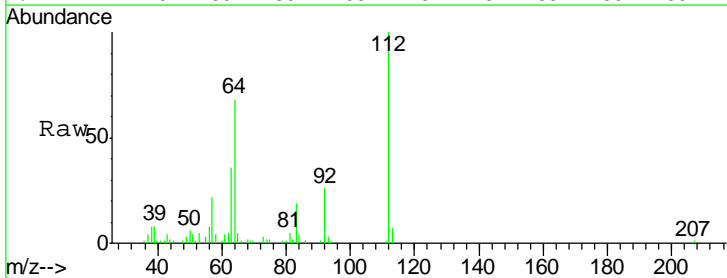
Instrument :
 BNA_F
 ClientSampled :

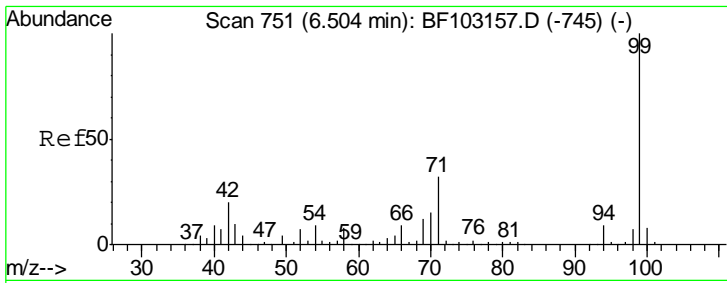
Tgt Ion	Resp	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	65.3	50.1	75.1



#5
 2-Fluorophenol
 Concen: 33.427 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.02 min
 Lab File: BF103631.D
 Acq: 14 Mar 2018 5:29

Tgt Ion	Resp	Lower	Upper
112	100		
64	68.4	47.9	71.9
63	35.5	23.7	35.5#

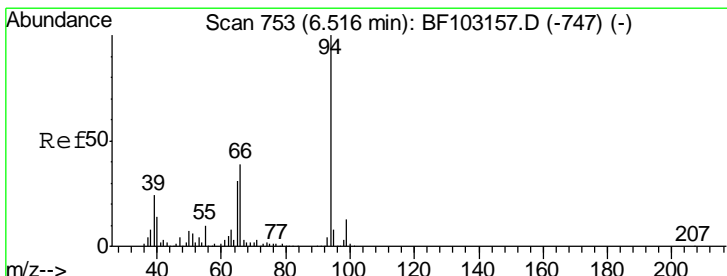
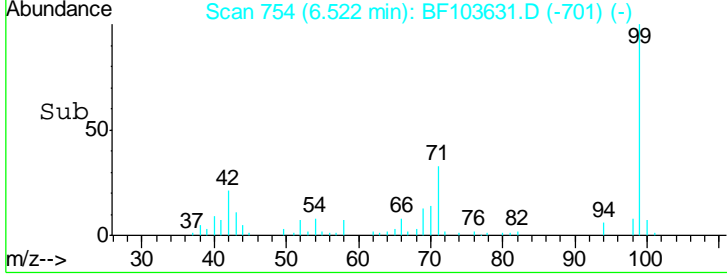
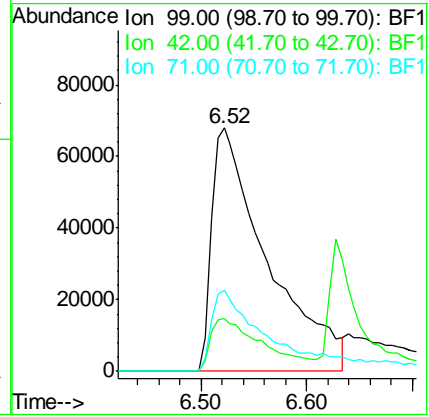
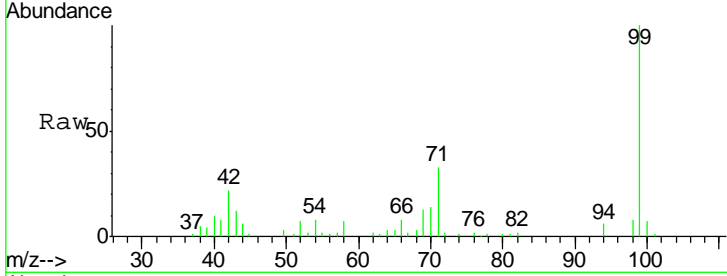




#7
 Phenol-d6
 Concen: 21.051 ng
 RT: 6.52 min Scan# 754
 Delta R.T. 0.01 min
 Lab File: BF103631.D
 Acq: 14 Mar 2018 5:29

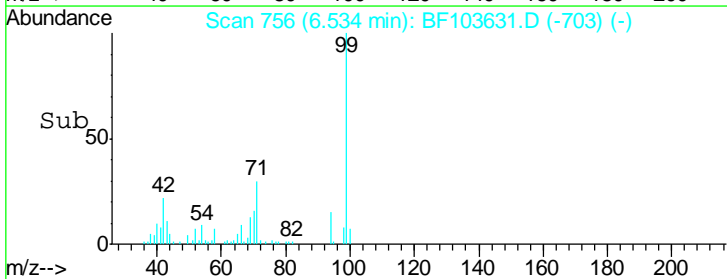
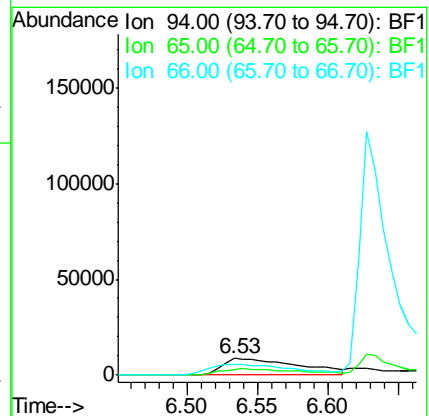
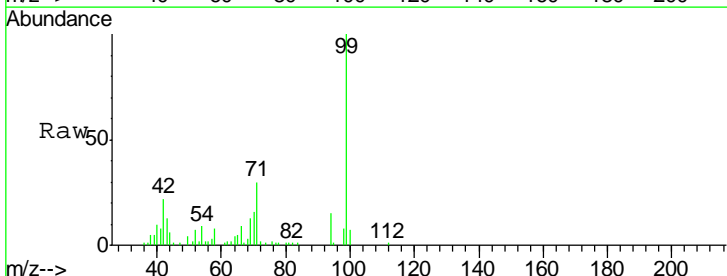
Instrument :
 BNA_F
 ClientSampled :

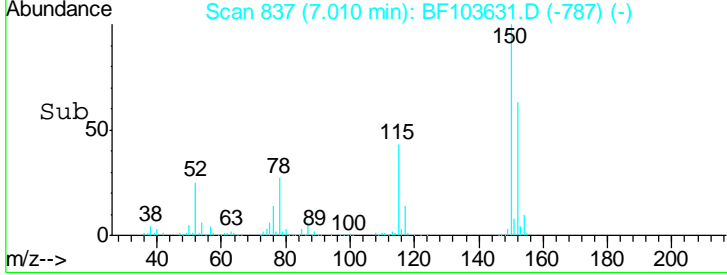
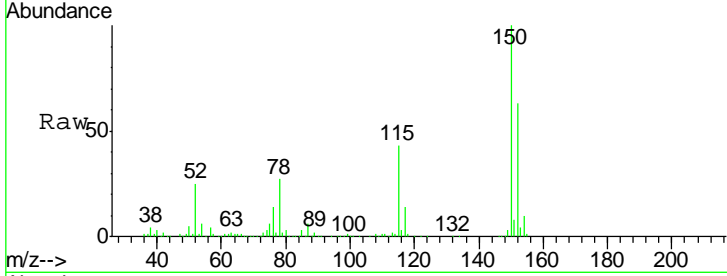
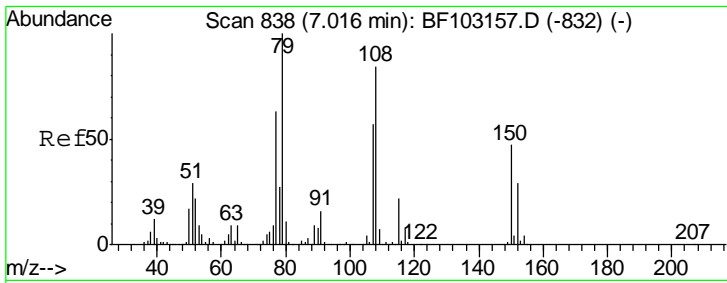
Tgt Ion	Resp	Lower	Upper
99	247555		
42	21.7	14.5	21.7
71	33.3	25.4	38.0



#10
 Phenol
 Concen: 2.389 ng
 RT: 6.53 min Scan# 756
 Delta R.T. 0.01 min
 Lab File: BF103631.D
 Acq: 14 Mar 2018 5:29

Tgt Ion	Resp	Lower	Upper
94	32619		
65	33.2	7.9	47.9
66	61.9	16.2	56.2#

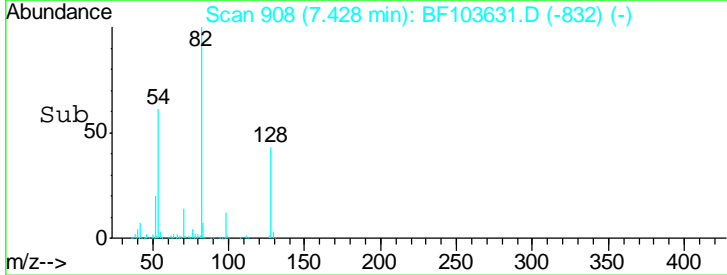
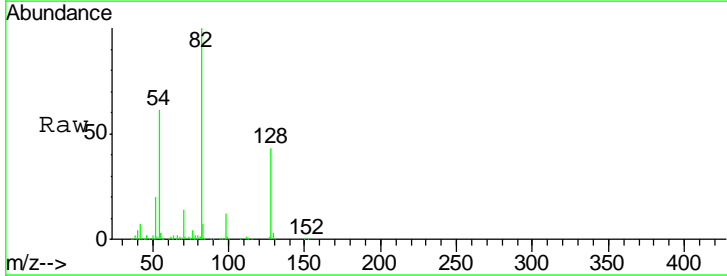
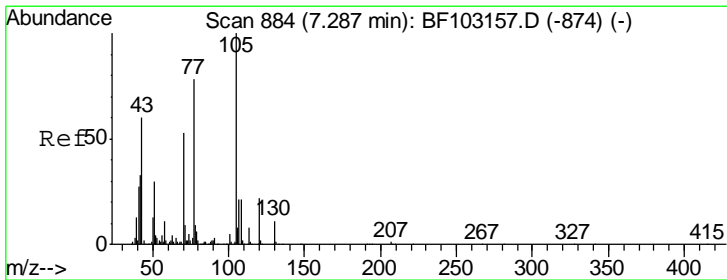
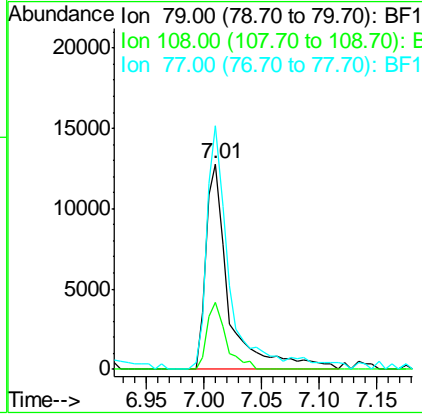




#15
Benzyl Alcohol
Concen: 2.017 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF103631.D
Acq: 14 Mar 2018 5:29

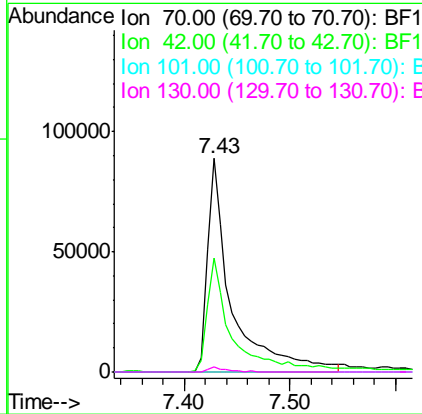
Instrument :
BNA_F
ClientSampled :

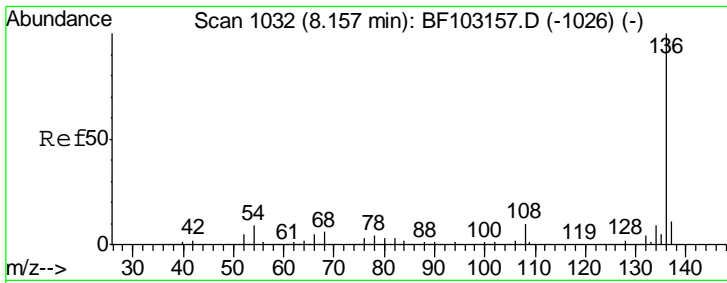
Tgt Ion	Resp	Lower	Upper
79	17874		
108	32.4	65.1	97.7#
77	118.4	50.6	75.8#



#19
n-Nitroso-di-n-propylamine
Concen: 19.240 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.15 min
Lab File: BF103631.D
Acq: 14 Mar 2018 5:29

Tgt Ion	Resp	Lower	Upper
70	140817		
42	53.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



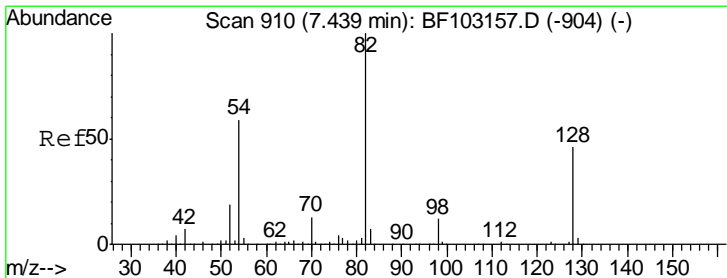
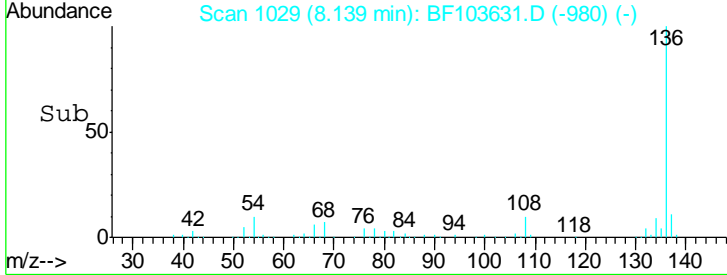
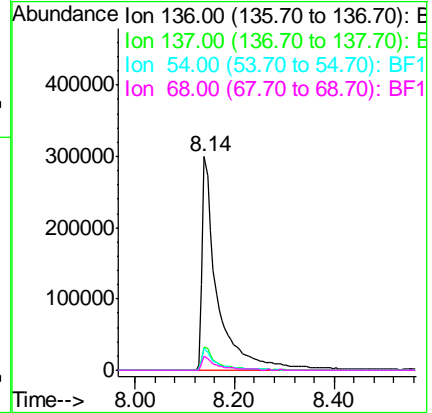
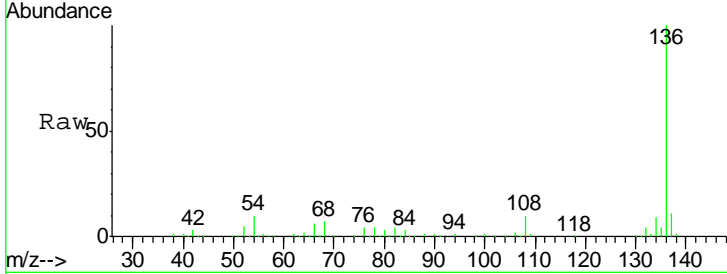


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF103631.D
 Acq: 14 Mar 2018 5:29

Instrument :
 BNA_F
 ClientSampleID :

Tgt Ion: 136 Resp: 647464

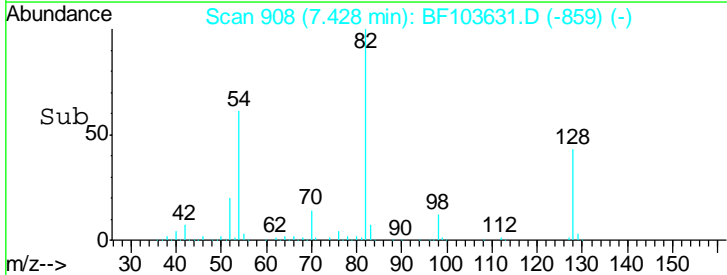
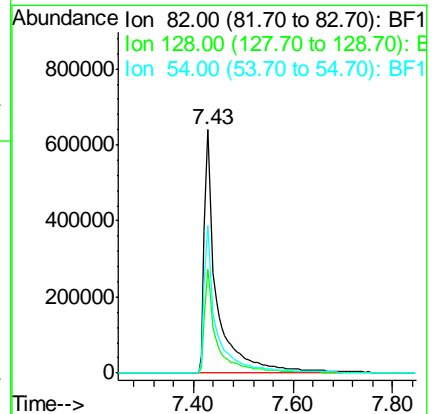
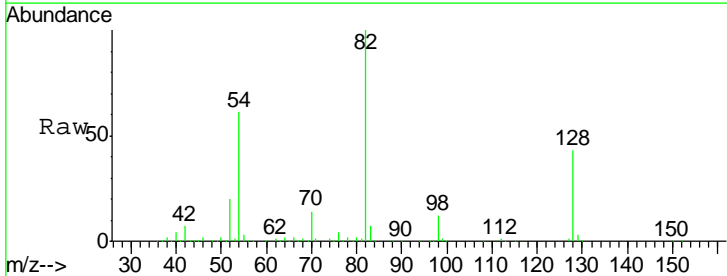
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.0	6.6	9.8#
68	6.8	5.0	7.4

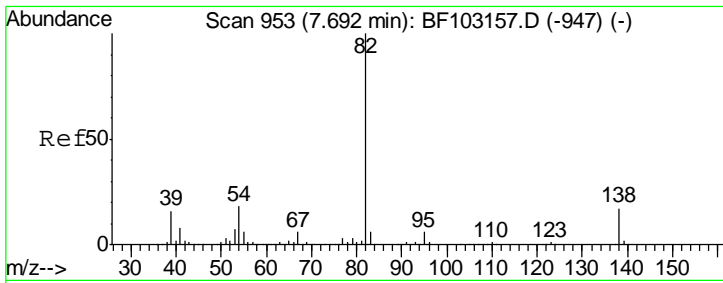


#23
 Nitrobenzene-d5
 Concen: 98.927 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF103631.D
 Acq: 14 Mar 2018 5:29

Tgt Ion: 82 Resp: 1121583

Ion	Ratio	Lower	Upper
82	100		
128	42.8	36.1	54.1
54	60.9	41.4	62.2

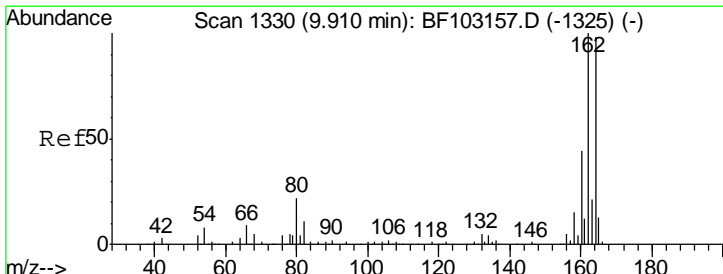
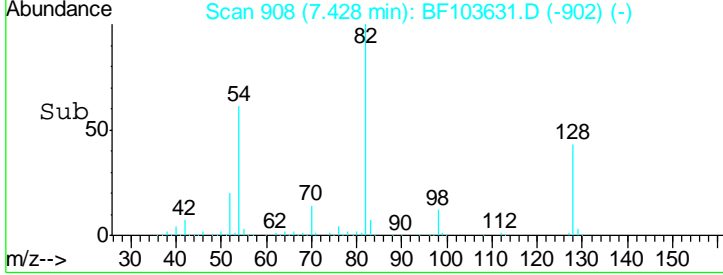
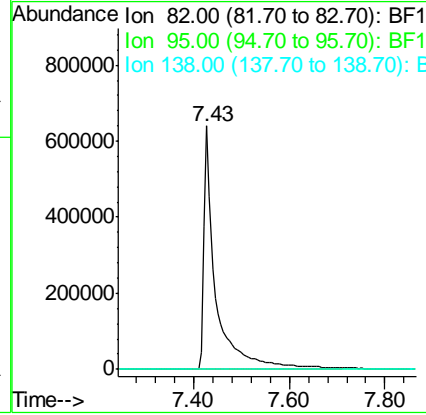
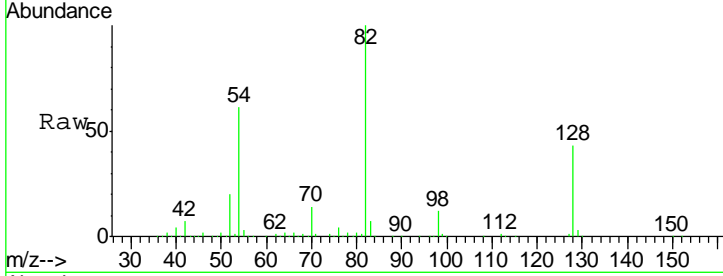




#25
 Isophorone
 Concen: 50.344 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.26 min
 Lab File: BF103631.D
 Acq: 14 Mar 2018 5:29

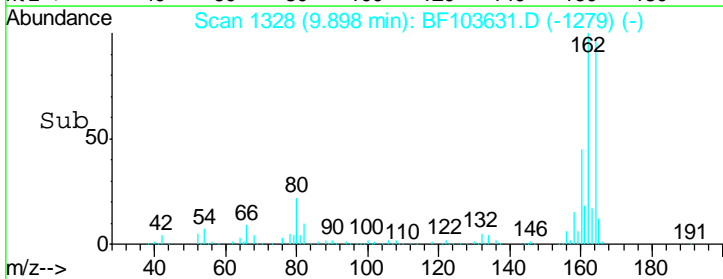
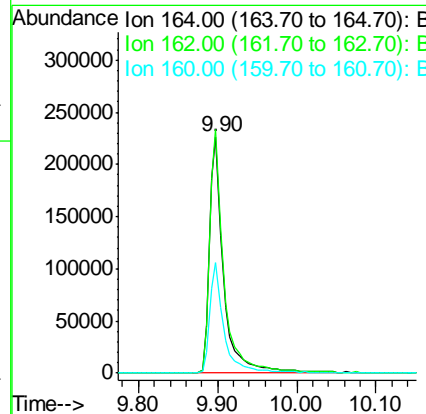
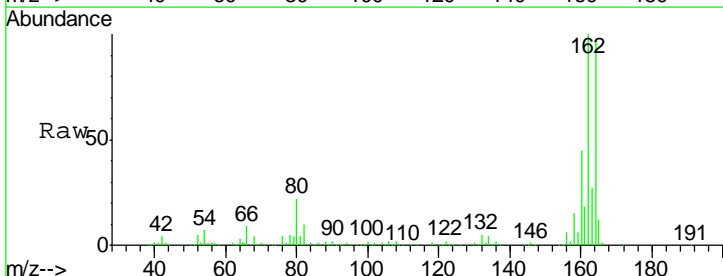
Instrument :
 BNA_F
 ClientSampled :

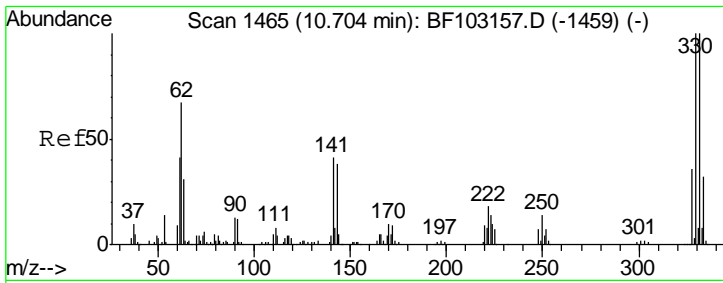
Tgt Ion	Resp	Lower	Upper
82	1124146		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF103631.D
 Acq: 14 Mar 2018 5:29

Tgt Ion	Resp	Lower	Upper
164	285835		
162	103.2	86.1	129.1
160	46.7	38.3	57.5

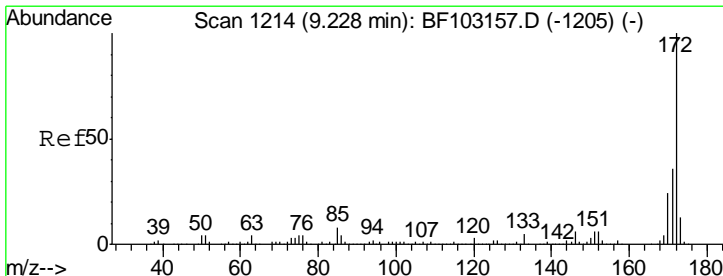
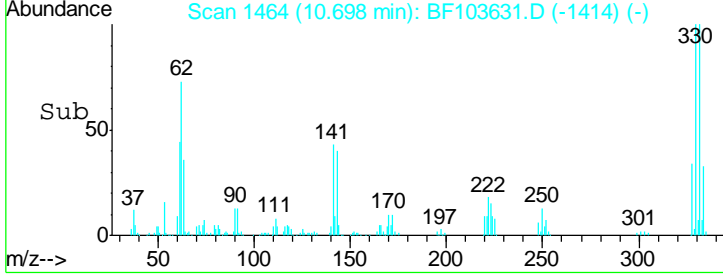
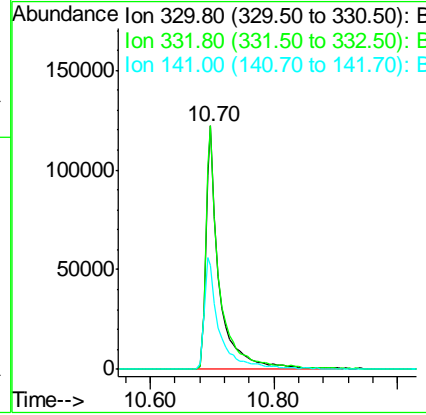
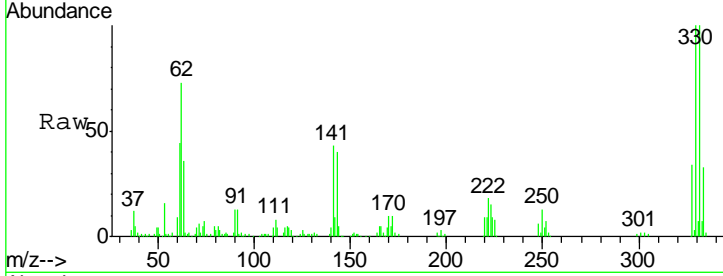




#41
 2,4,6-Tribromophenol
 Concen: 77.023 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103631.D
 Acq: 14 Mar 2018 5:29

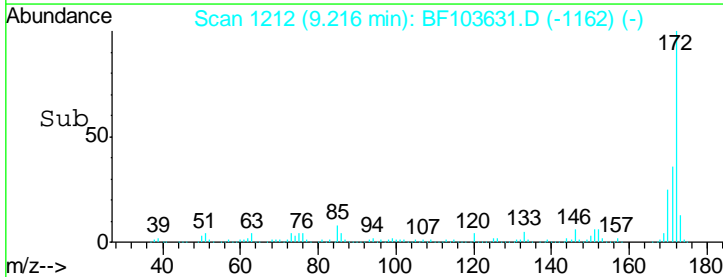
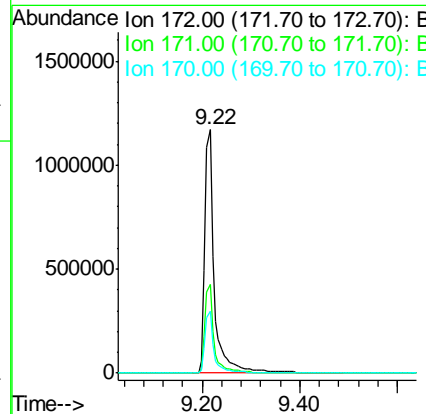
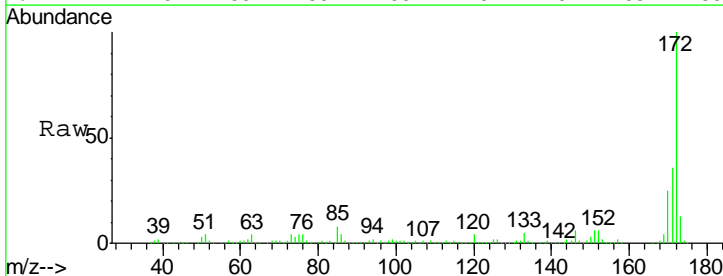
Instrument :
 BNA_F
 ClientSampled :

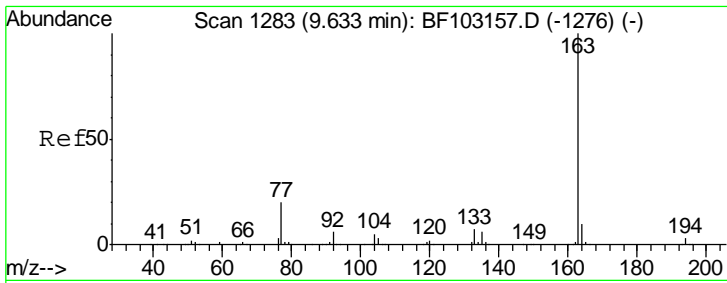
Tgt Ion	Resp	Lower	Upper
330	186352		
332	101.0	77.0	115.6
141	52.4	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 99.789 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF103631.D
 Acq: 14 Mar 2018 5:29

Tgt Ion	Resp	Lower	Upper
172	1589339		
171	36.2	29.7	44.5
170	25.3	19.6	29.4

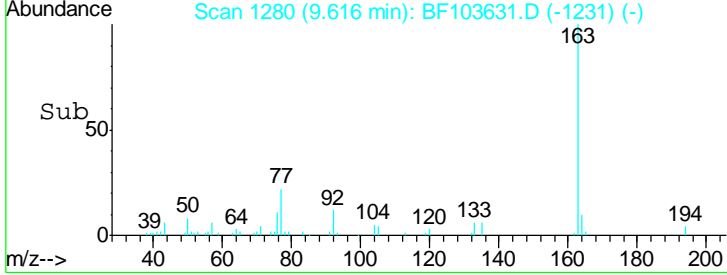
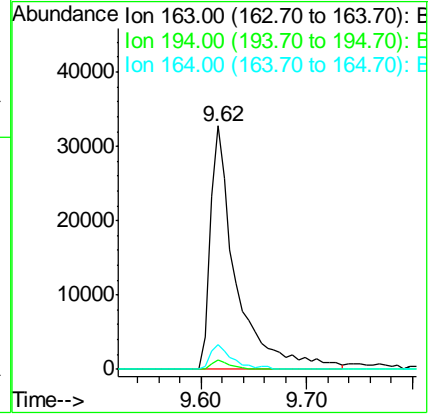
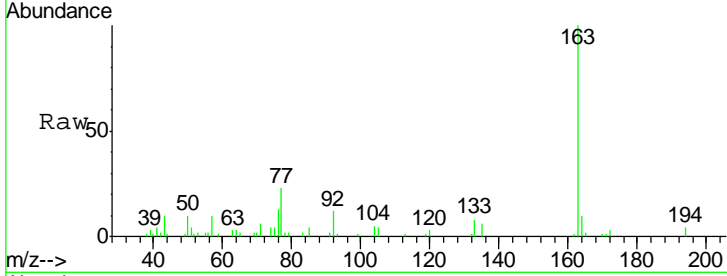




#49
 Dimethylphthalate
 Concen: 2.413 ng
 RT: 9.62 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: BF103631.D
 Acq: 14 Mar 2018 5:29

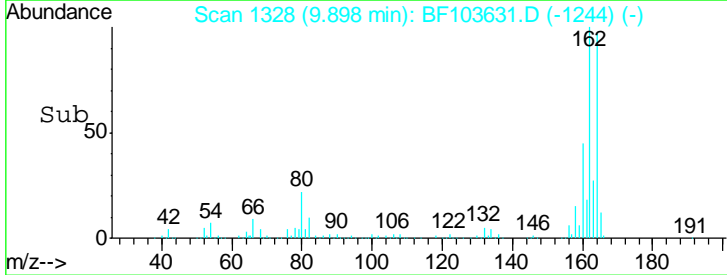
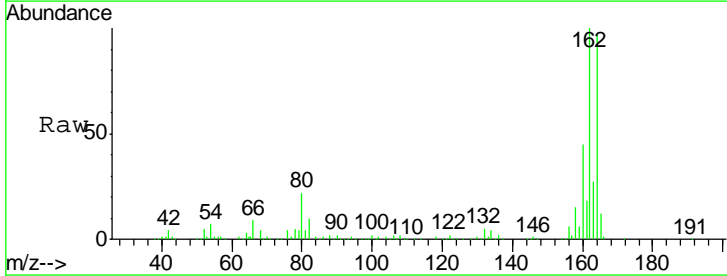
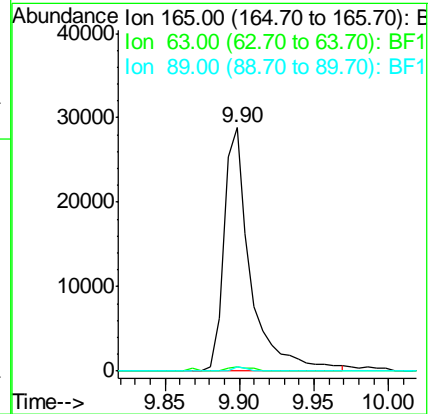
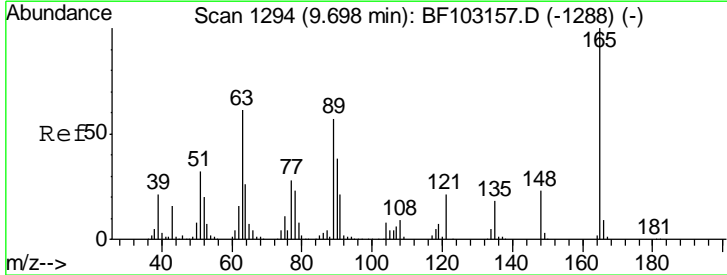
Instrument :
 BNA_F
 ClientSampled :

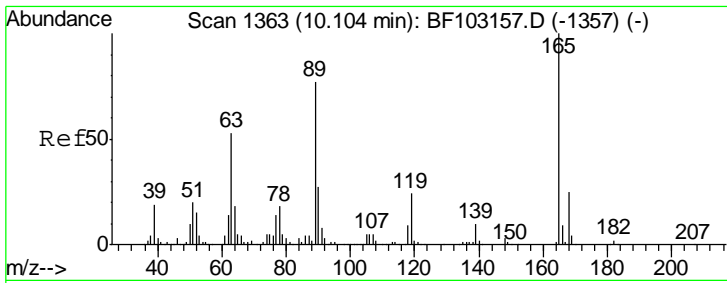
Tgt Ion	Resp	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.0	8.2	12.2



#50
 2,6-Dinitrotoluene
 Concen: 7.467 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.19 min
 Lab File: BF103631.D
 Acq: 14 Mar 2018 5:29

Tgt Ion	Resp	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	2.0	44.0	66.0#

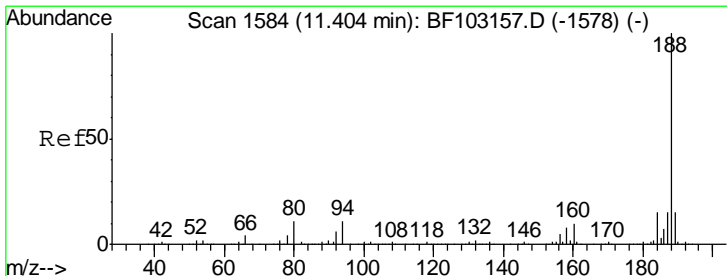
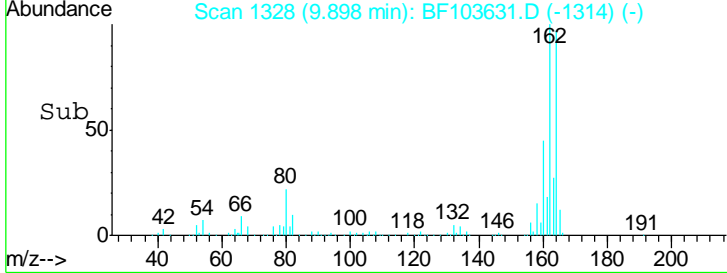
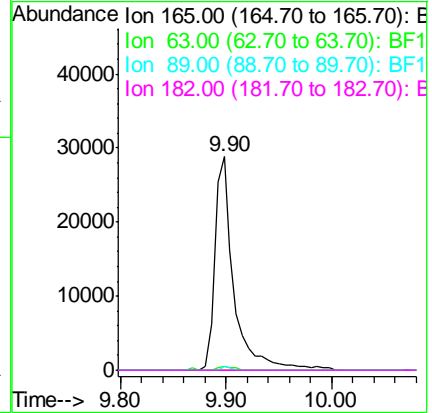
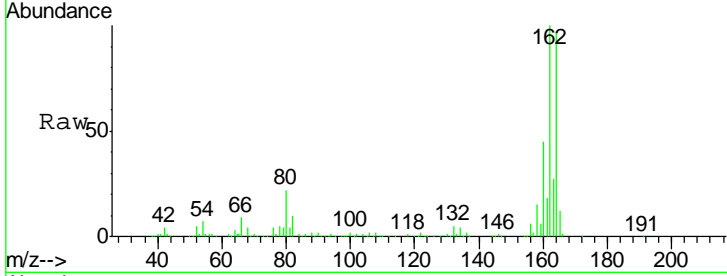




#56
 2,4-Dinitrotoluene
 Concen: 6.027 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.22 min
 Lab File: BF103631.D
 Acq: 14 Mar 2018 5:29

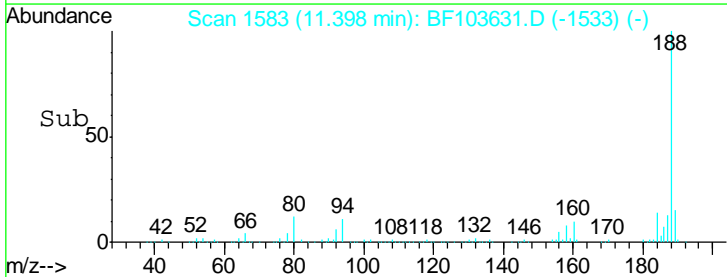
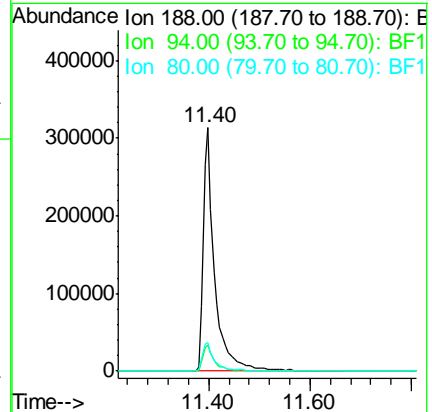
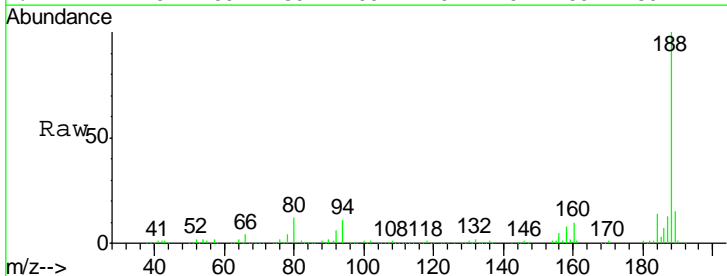
Instrument :
 BNA_F
 ClientSampled :

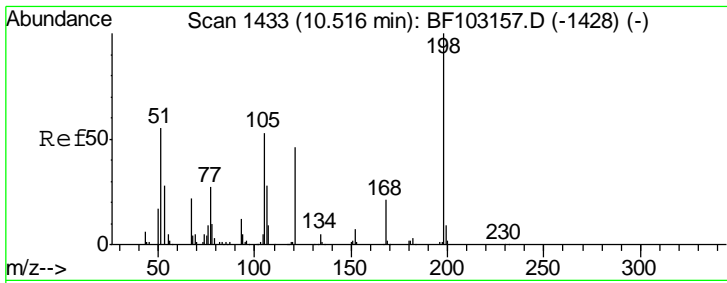
Tgt Ion	Resp	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF103631.D
 Acq: 14 Mar 2018 5:29

Tgt Ion	Resp	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.9	9.2	13.8

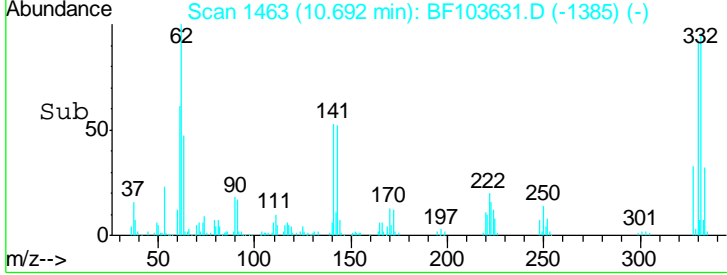
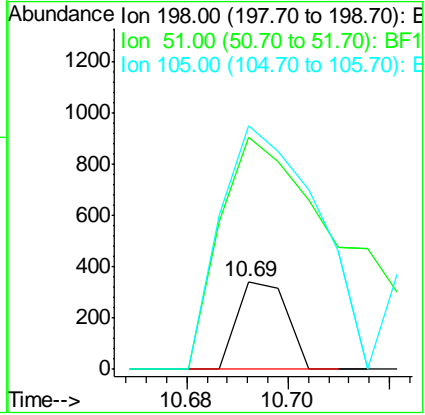
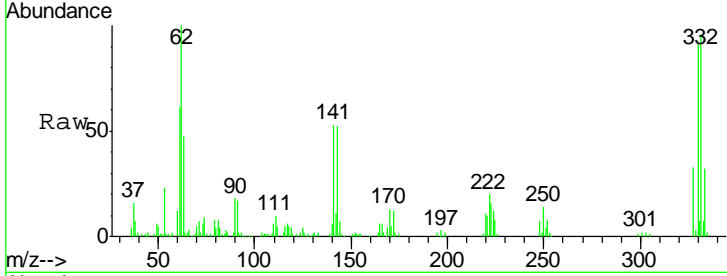




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.016 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. 0.16 min
 Lab File: BF103631.D
 Acq: 14 Mar 2018 5:29

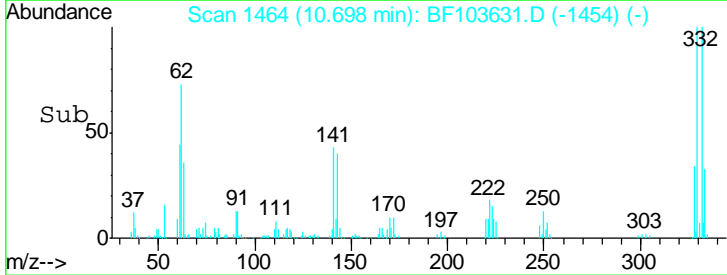
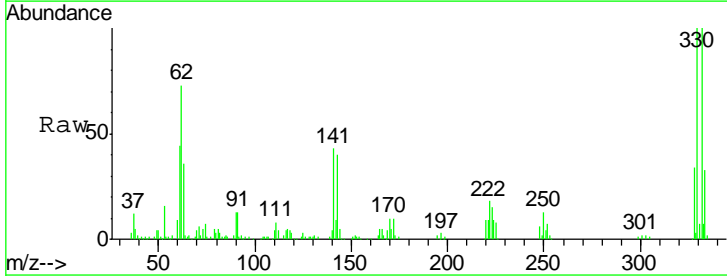
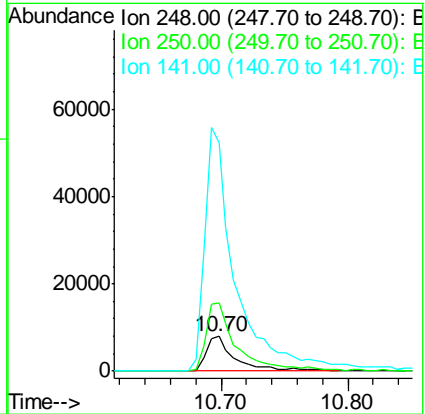
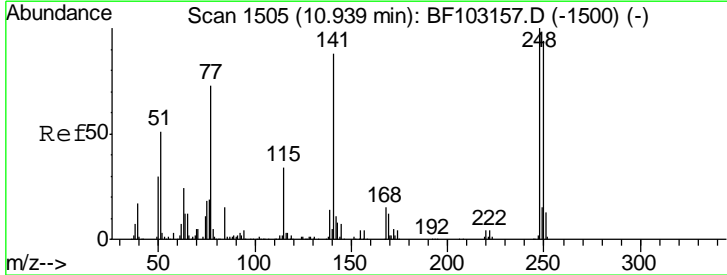
Instrument :
 BNA_F
 ClientSampled :

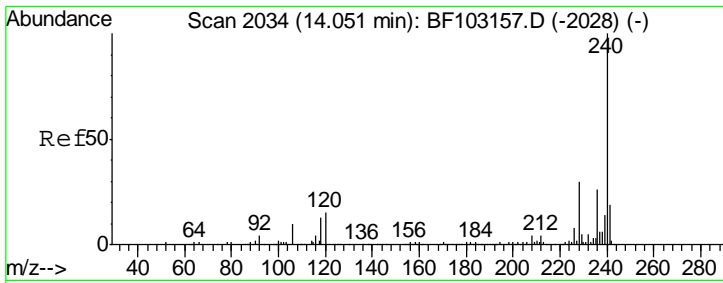
Tgt Ion	Resp	Lower	Upper
198	100		
51	265.7	37.7	77.7#
105	278.0	36.3	76.3#



#66
 4-Bromophenyl-phenylether
 Concen: 2.481 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.24 min
 Lab File: BF103631.D
 Acq: 14 Mar 2018 5:29

Tgt Ion	Resp	Lower	Upper
248	100		
250	200.0	76.9	115.3#
141	664.6	74.4	111.6#

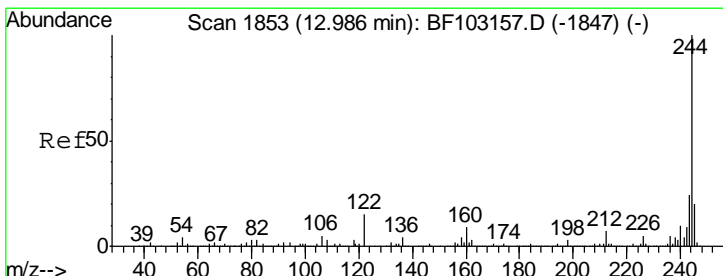
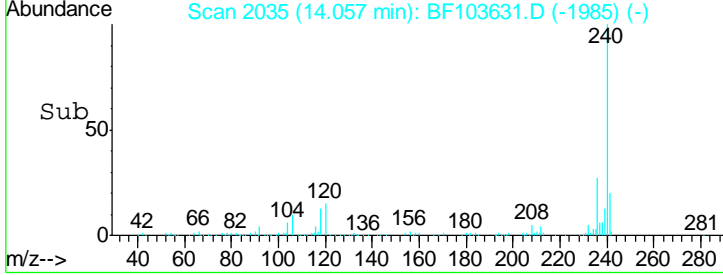
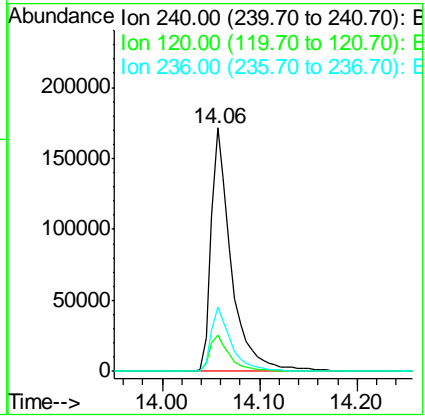
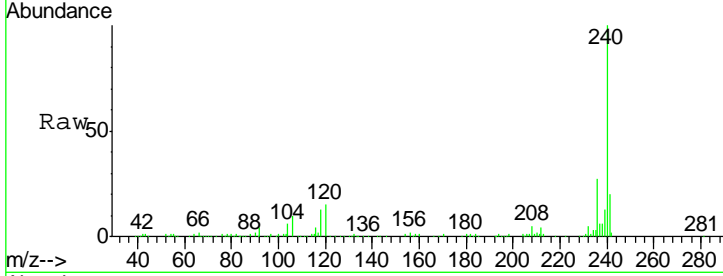




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF103631.D
 Acq: 14 Mar 2018 5:29

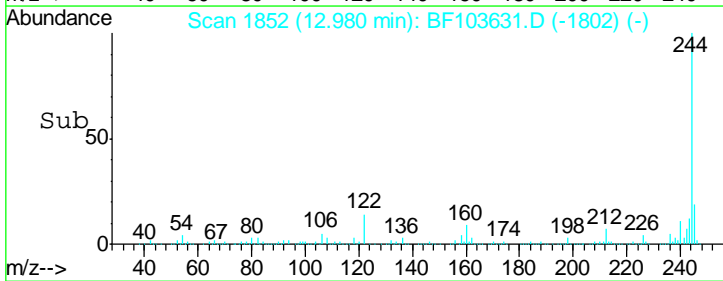
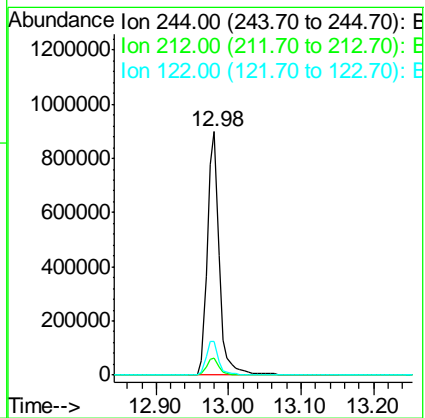
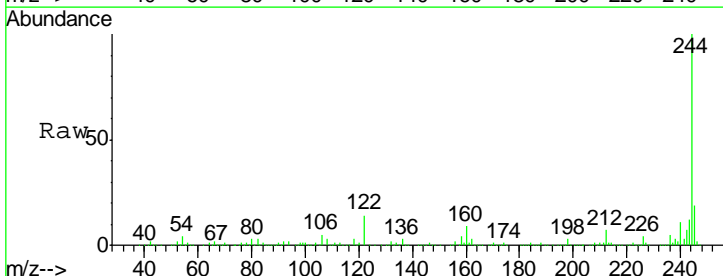
Instrument :
 BNA_F
 ClientSampled :

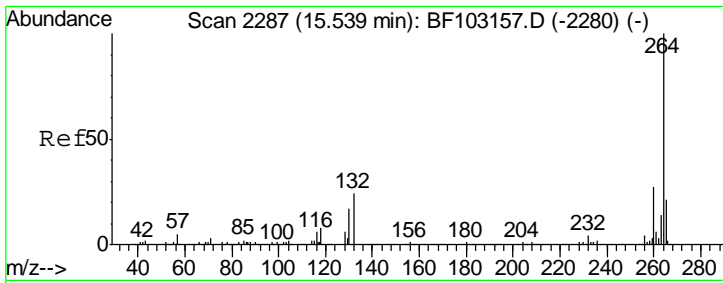
Tgt Ion	Resp	Lower	Upper
240	100		
120	14.8	9.5	14.3#
236	26.6	20.7	31.1



#78
 Terphenyl-d14
 Concen: 100.395 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF103631.D
 Acq: 14 Mar 2018 5:29

Tgt Ion	Resp	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.8	11.0	16.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BF103631.D
 Acq: 14 Mar 2018 5:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.4	17.5	26.3

