

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109838.D
 Acq On : 12 Oct 2018 17:18
 Operator : JU/SJ
 Sample : J5371-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 17:48:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

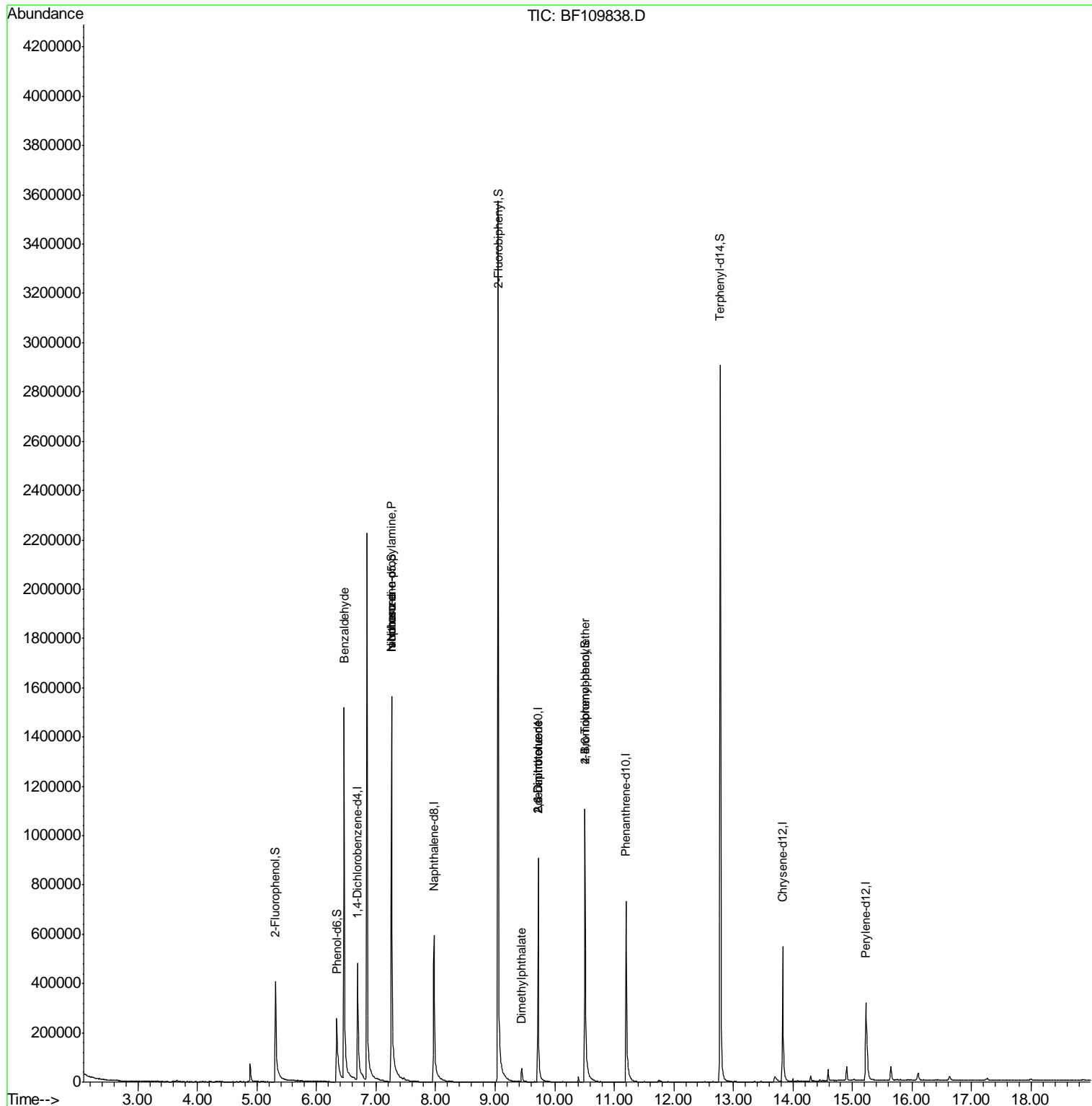
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	105921	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	435148	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	212705	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	407704	20.00	ng	0.00
75) Chrysene-d12	13.83	240	260605	20.00	ng	0.00
86) Perylene-d12	15.23	264	210395	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	201890	33.83	ng	0.00
7) Phenol-d6	6.34	99	178069	22.34	ng	-0.02
23) Nitrobenzene-d5	7.26	82	783107	99.20	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	197229	85.10	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1380058	89.36	ng	0.00
78) Terphenyl-d14	12.79	244	1267388	94.14	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	10966	2.138	ng	# 71
19) n-Nitroso-di-n-propylamine	7.26	70	101837	18.217	ng	# 77
25) Isophorone	7.26	82	792397	60.449	ng	# 67
49) Dimethylphthalate	9.45	163	40126	2.572	ng	99
50) 2,6-Dinitrotoluene	9.72	165	26571	7.858	ng	# 22
56) 2,4-Dinitrotoluene	9.72	165	26572	6.297	ng	# 18
66) 4-Bromophenyl-phenylether	10.51	248	11498	2.454	ng	# 1

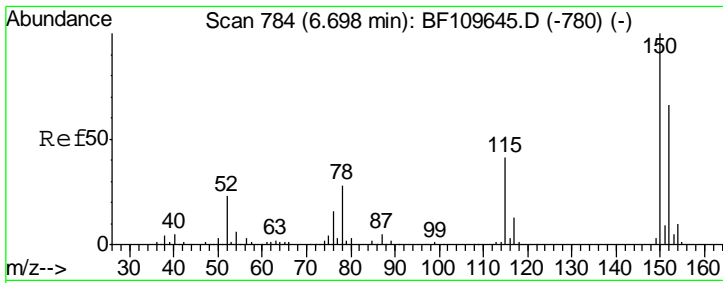
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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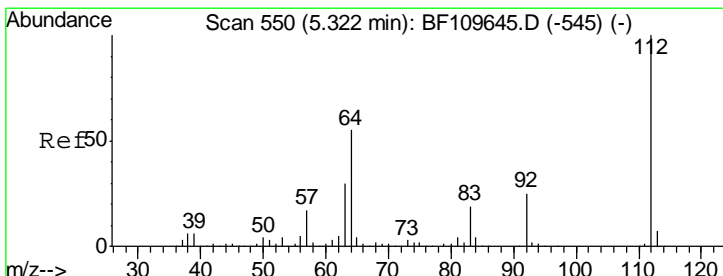
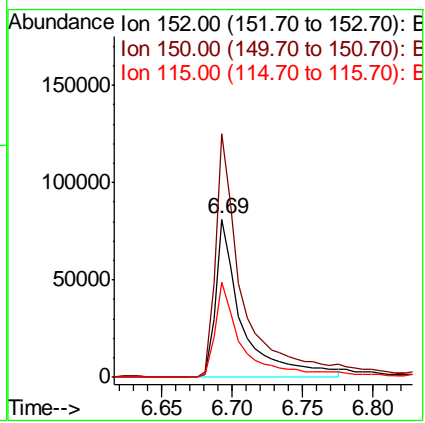
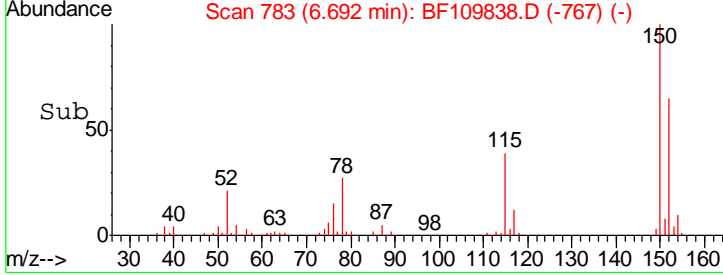
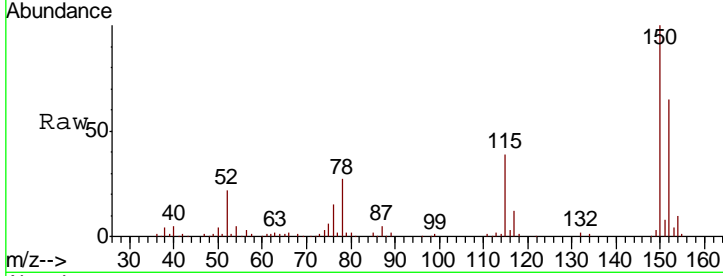




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF109838.D
 Acq: 12 Oct 2018 17:18

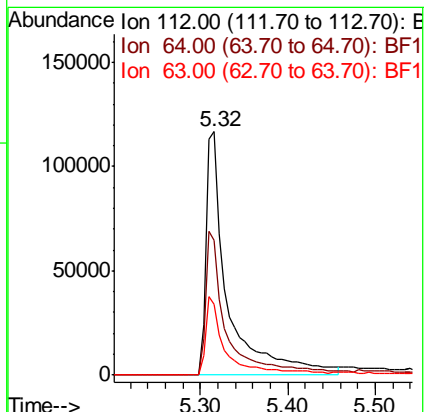
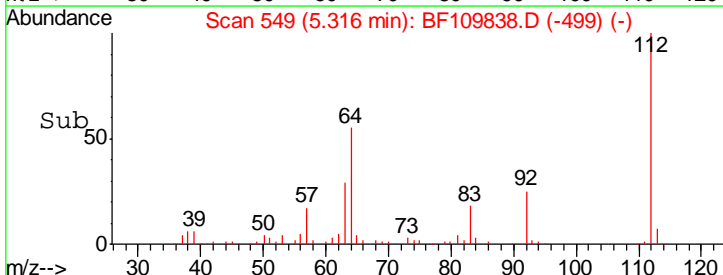
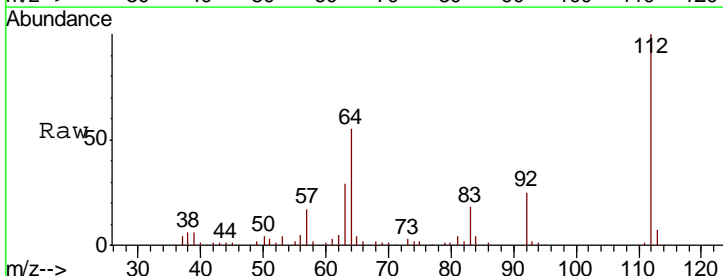
Instrument :
 BNA_F
 ClientSampled :

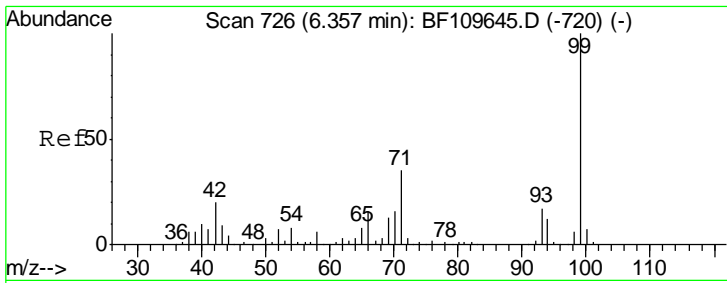
Tgt Ion	Resp	Lower	Upper
152	105921		
150	154.0	122.7	184.1
115	60.1	49.1	73.7



#5
 2-Fluorophenol
 Concen: 33.833 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF109838.D
 Acq: 12 Oct 2018 17:18

Tgt Ion	Resp	Lower	Upper
112	201890		
64	55.4	44.1	66.1
63	28.9	23.7	35.5

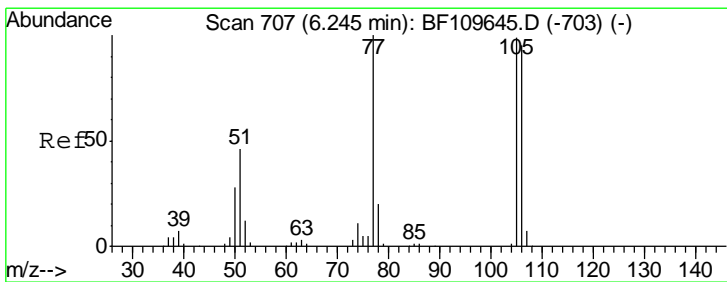
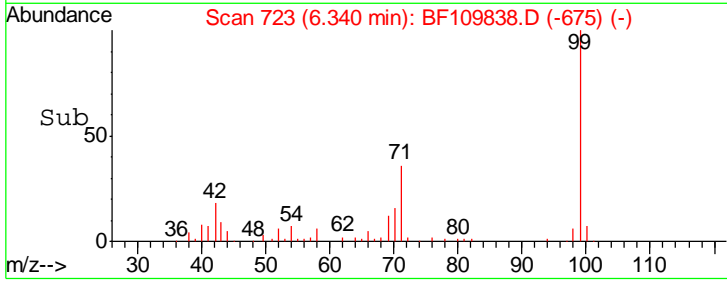
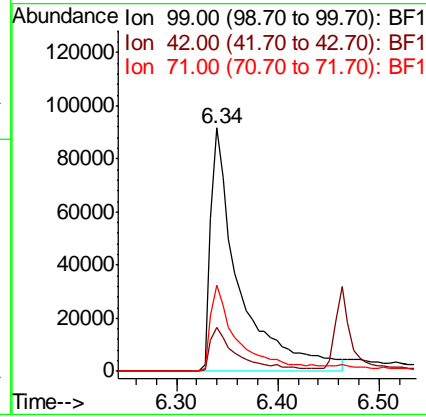
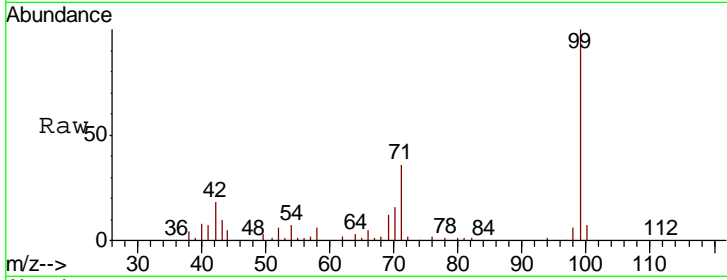




#7
 Phenol-d6
 Concen: 22.338 ng
 RT: 6.34 min Scan# 723
 Delta R.T. -0.02 min
 Lab File: BF109838.D
 Acq: 12 Oct 2018 17:18

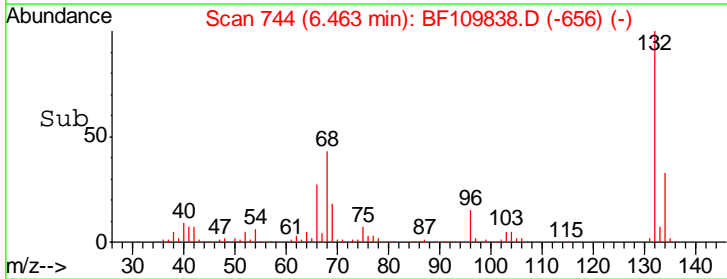
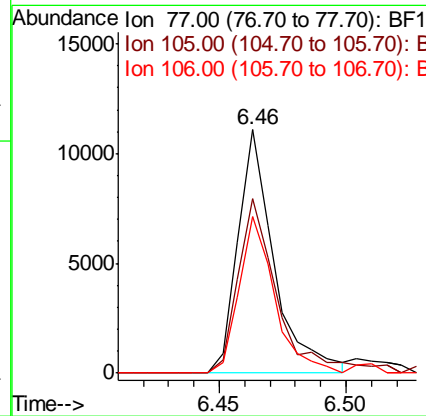
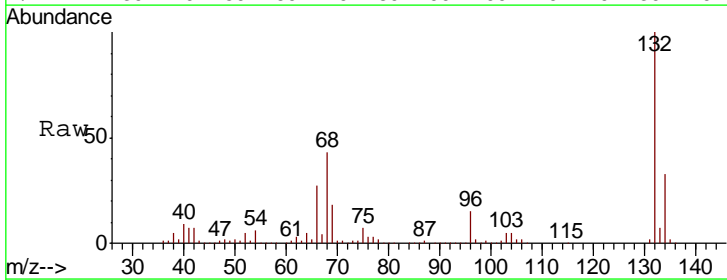
Instrument :
 BNA_F
 ClientSampled :

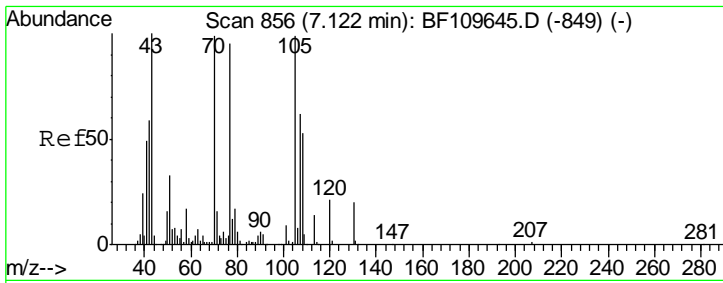
Tgt Ion	Resp	Lower	Upper
99	178069		
42	18.3	15.8	23.6
71	35.6	28.0	42.0



#9
 Benzaldehyde
 Concen: 2.138 ng
 RT: 6.46 min Scan# 744
 Delta R.T. 0.22 min
 Lab File: BF109838.D
 Acq: 12 Oct 2018 17:18

Tgt Ion	Resp	Lower	Upper
77	10966		
105	71.6	78.6	118.6#
106	64.5	74.8	114.8#

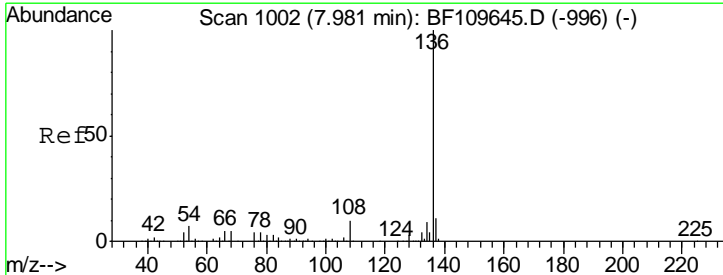
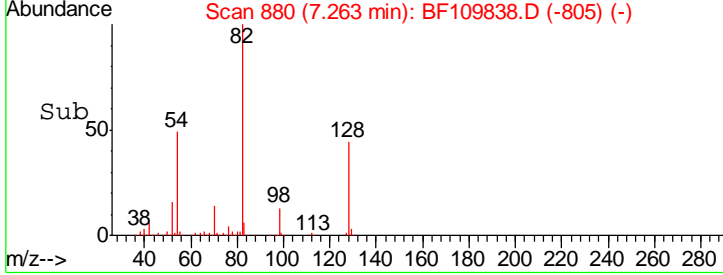
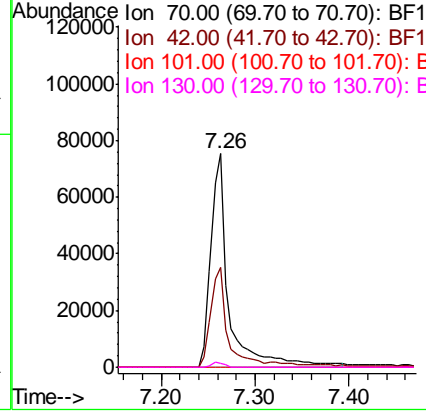
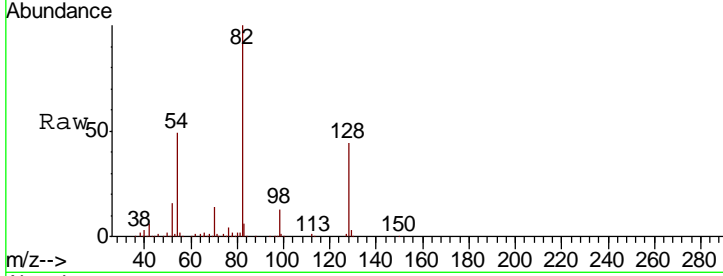




#19
 n-Nitroso-di-n-propylamine
 Concen: 18.217 ng
 RT: 7.26 min Scan# 880
 Delta R.T. 0.14 min
 Lab File: BF109838.D
 Acq: 12 Oct 2018 17:18

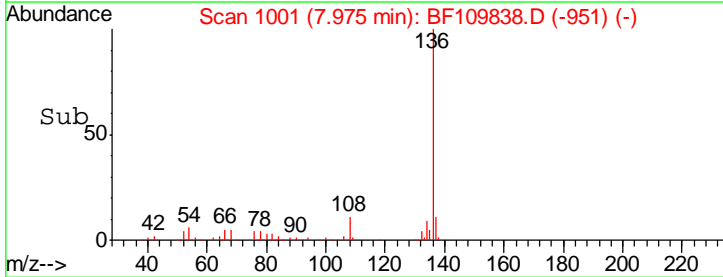
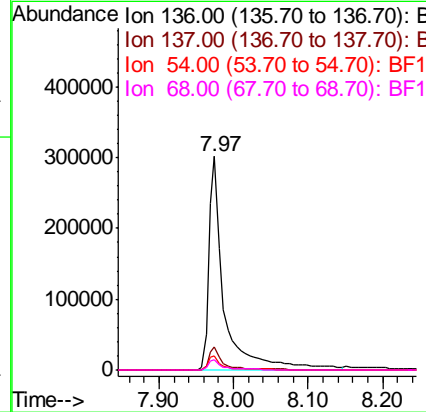
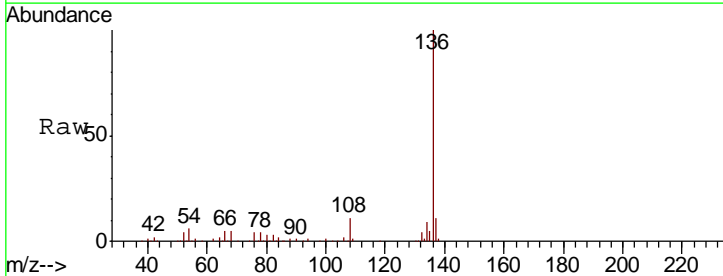
Instrument :
 BNA_F
 ClientSampled :

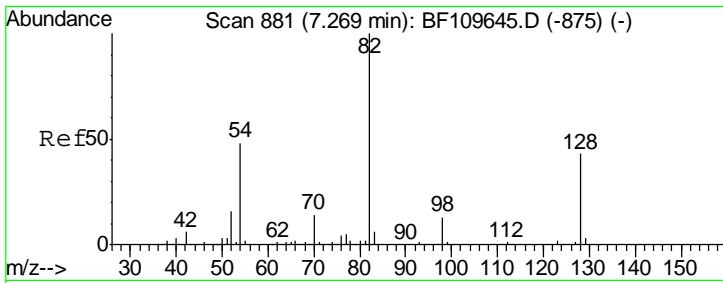
Tgt Ion	Resp	Lower	Upper
70	101837		
42	46.7	47.4	71.2#
101	0.0	7.3	10.9#
130	2.0	16.2	24.2#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. -0.01 min
 Lab File: BF109838.D
 Acq: 12 Oct 2018 17:18

Tgt Ion	Resp	Lower	Upper
136	435148		
137	10.6	8.8	13.2
54	6.4	5.4	8.2
68	4.9	4.2	6.2

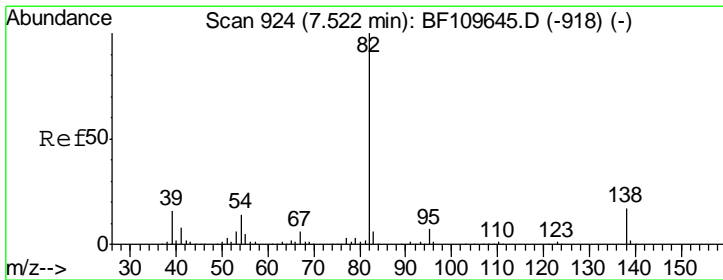
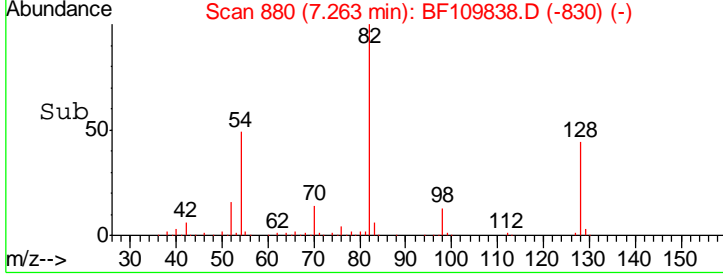
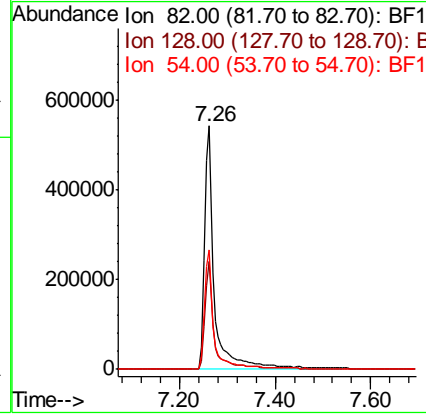
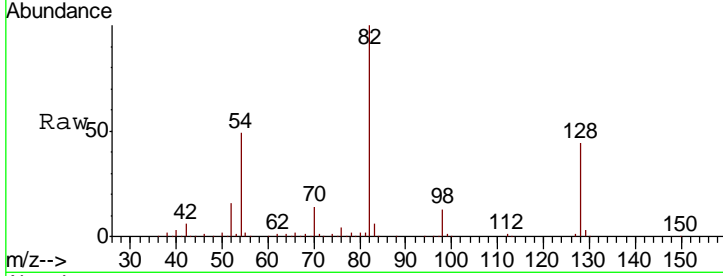




#23
 Nitrobenzene-d5
 Concen: 99.202 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF109838.D
 Acq: 12 Oct 2018 17:18

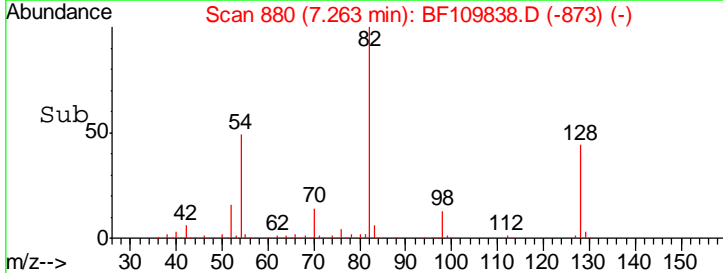
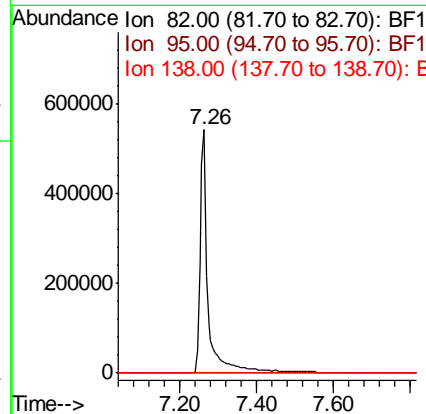
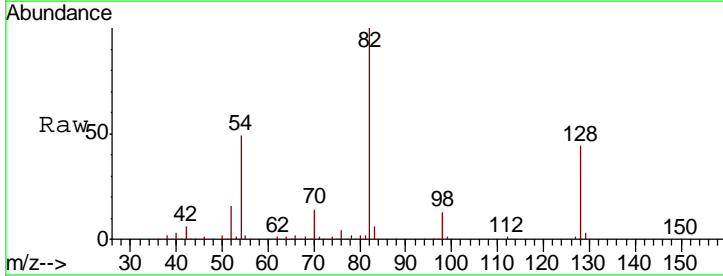
Instrument :
 BNA_F
 ClientSampled :

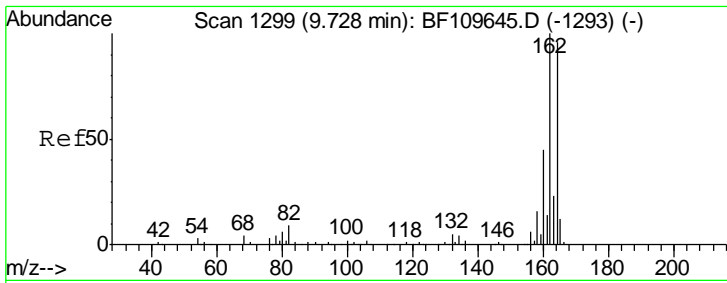
Tgt Ion	Resp	Lower	Upper
82	100		
128	44.2	34.2	51.2
54	48.8	38.6	58.0



#25
 Isophorone
 Concen: 60.449 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.26 min
 Lab File: BF109838.D
 Acq: 12 Oct 2018 17:18

Tgt Ion	Resp	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#

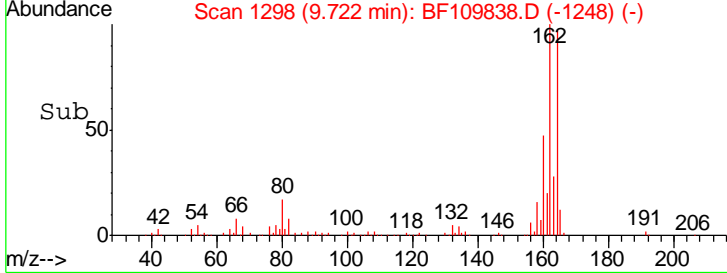
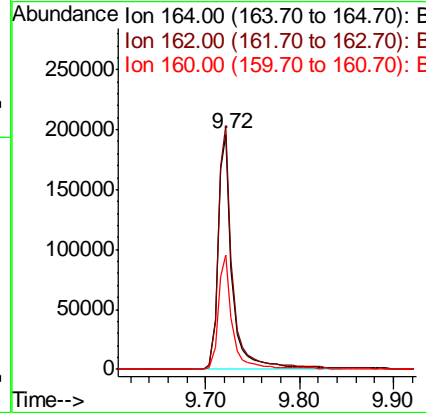
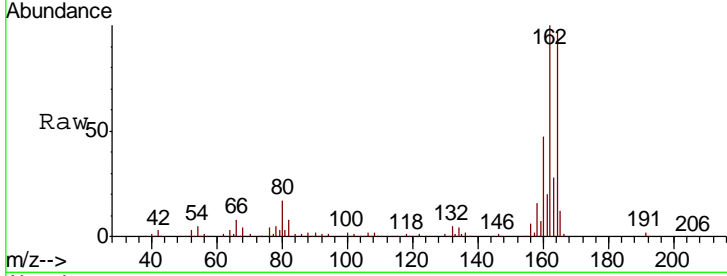




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109838.D
 Acq: 12 Oct 2018 17:18

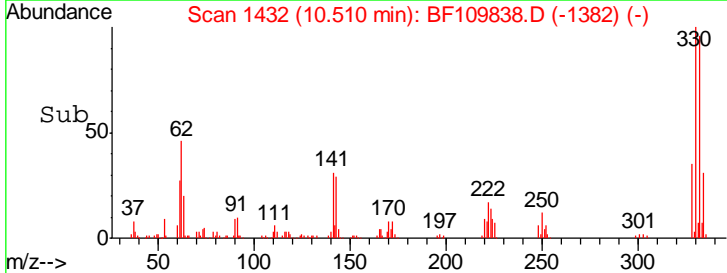
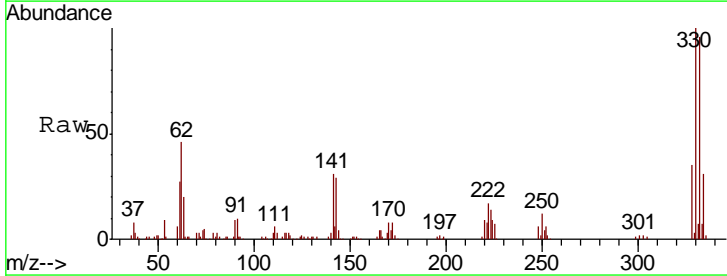
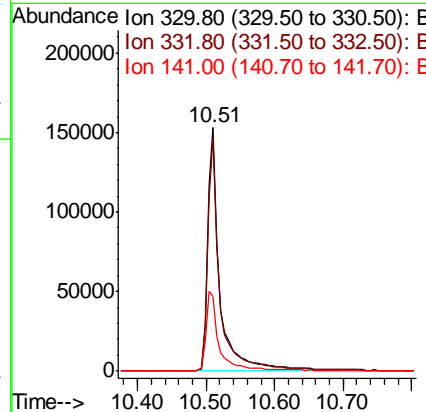
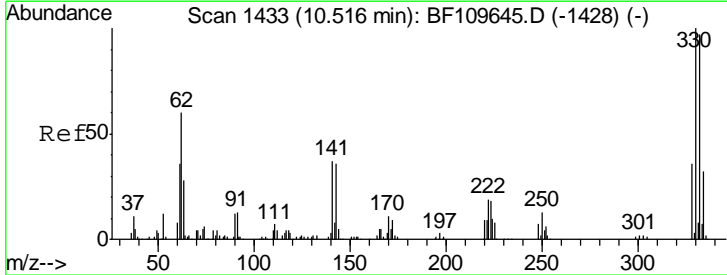
Instrument :
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 ClientSampled :

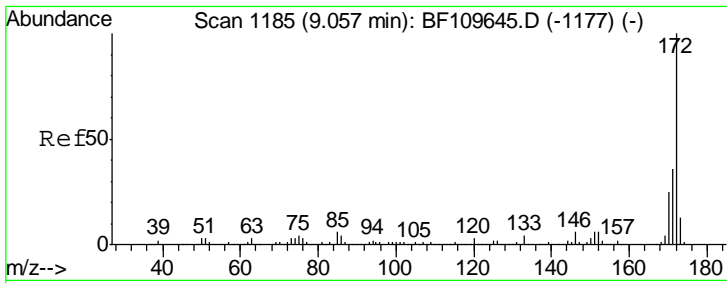
Tgt Ion	Resp	Lower	Upper
164	100		
162	103.5	83.0	124.6
160	48.7	37.0	55.6



#41
 2,4,6-Tribromophenol
 Concen: 85.099 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109838.D
 Acq: 12 Oct 2018 17:18

Tgt Ion	Resp	Lower	Upper
330	100		
332	95.7	77.1	115.7
141	35.6	27.0	40.4



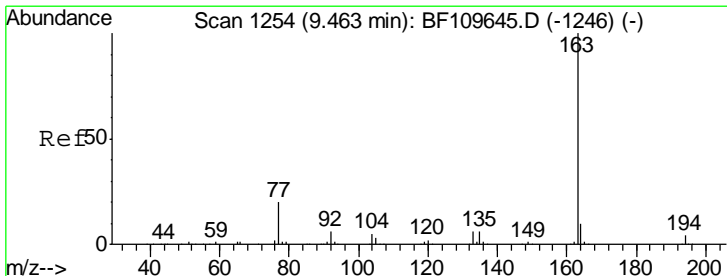
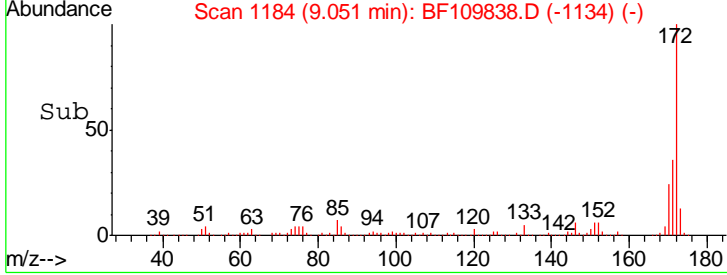
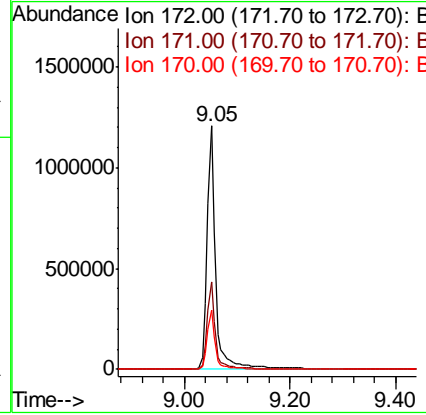
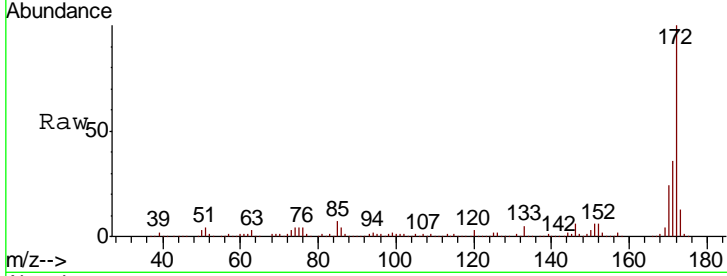


#44
 2-Fluorobiphenyl
 Concen: 89.358 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109838.D
 Acq: 12 Oct 2018 17:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1380058

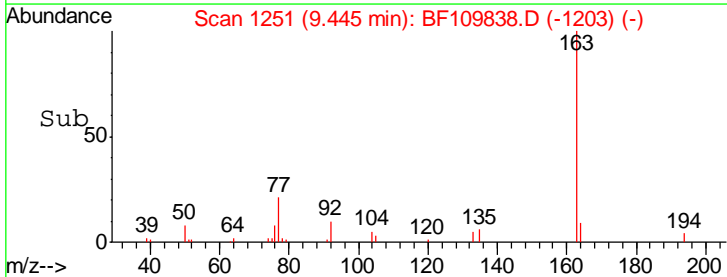
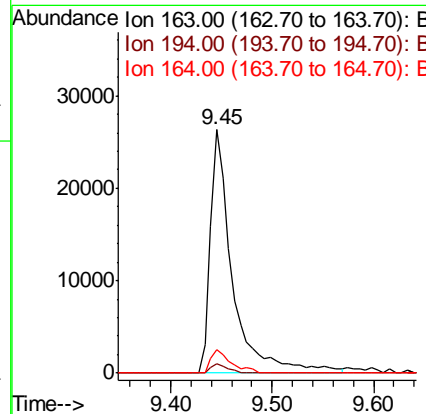
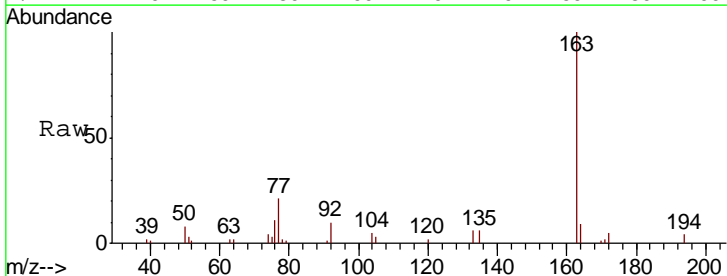
Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.2	19.7	29.5

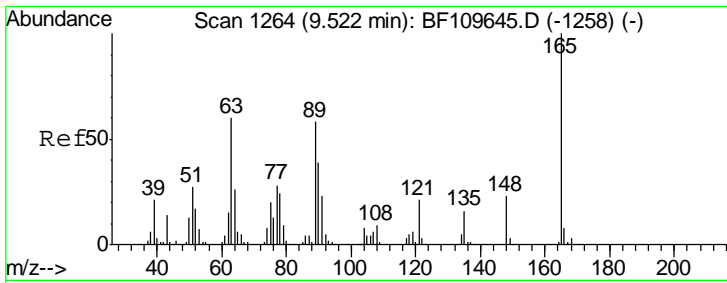


#49
 Dimethylphthalate
 Concen: 2.572 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.02 min
 Lab File: BF109838.D
 Acq: 12 Oct 2018 17:18

Tgt Ion:163 Resp: 40126

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	9.4	8.1	12.1

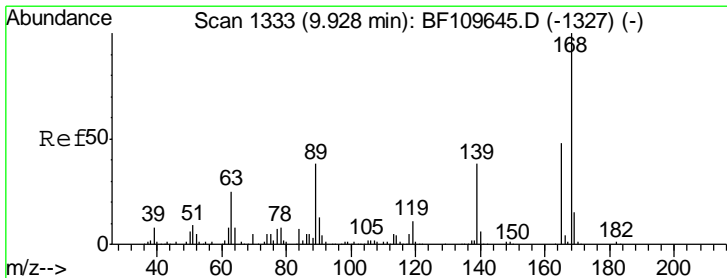
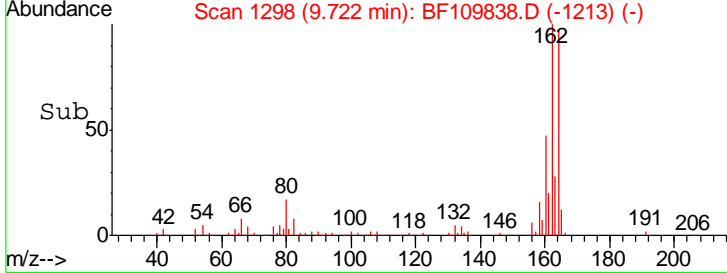
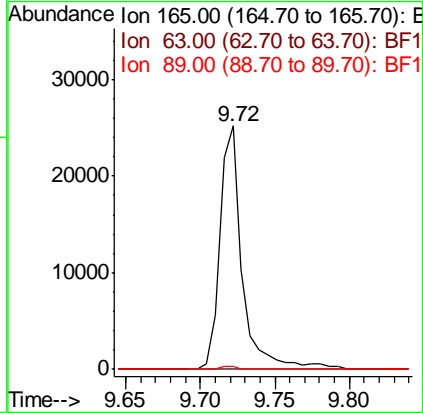
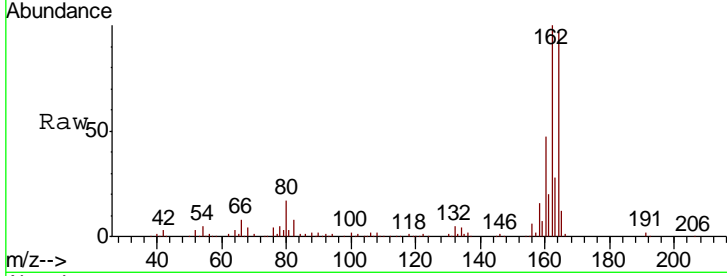




#50
 2,6-Dinitrotoluene
 Concen: 7.858 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.20 min
 Lab File: BF109838.D
 Acq: 12 Oct 2018 17:18

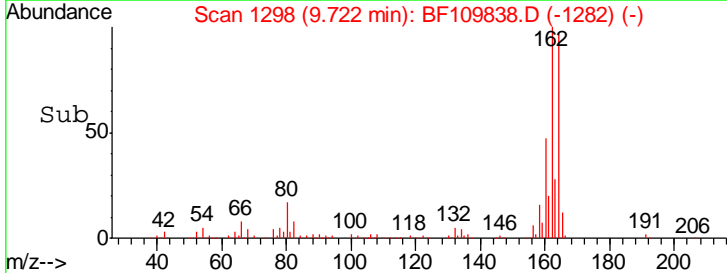
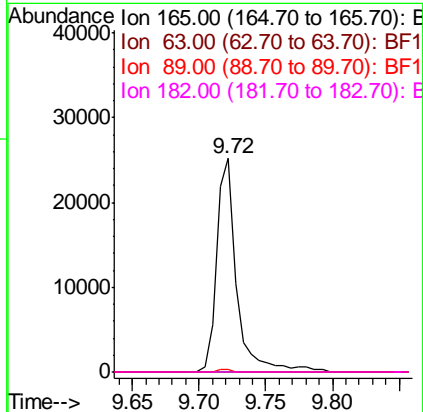
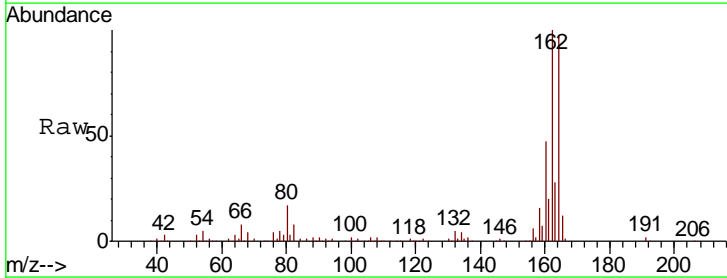
Instrument :
 BNA_F
 ClientSampled :

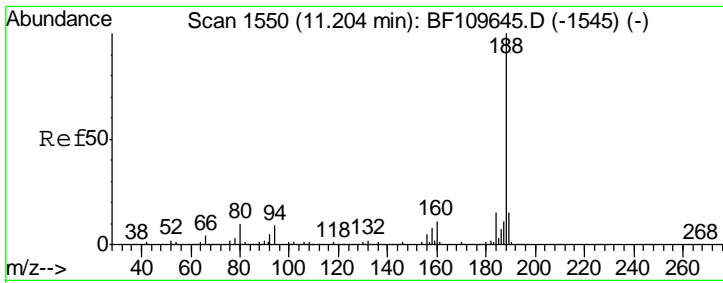
Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	1.2	46.6	69.8#



#56
 2,4-Dinitrotoluene
 Concen: 6.297 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109838.D
 Acq: 12 Oct 2018 17:18

Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.2	62.2	93.4#
182	0.0	2.1	3.1#

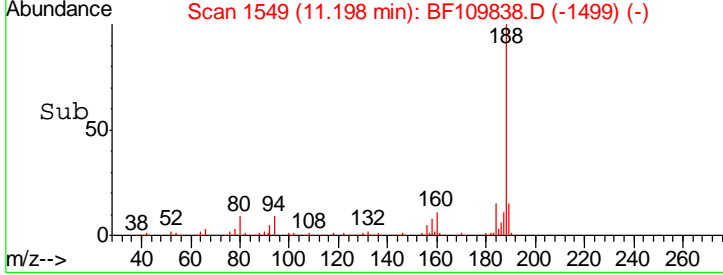
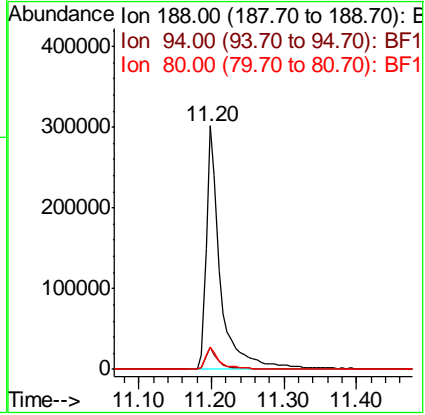
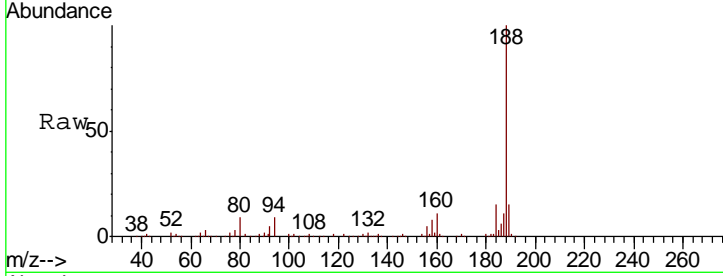




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF109838.D
 Acq: 12 Oct 2018 17:18

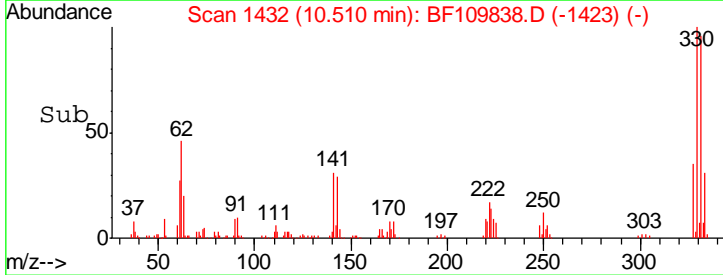
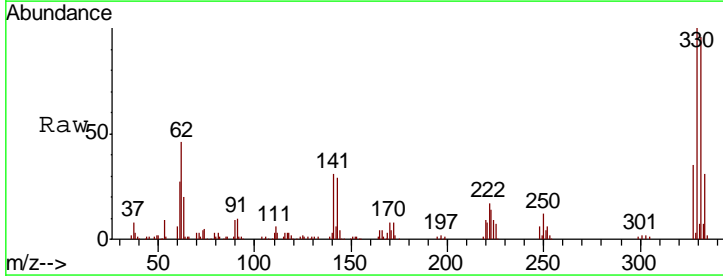
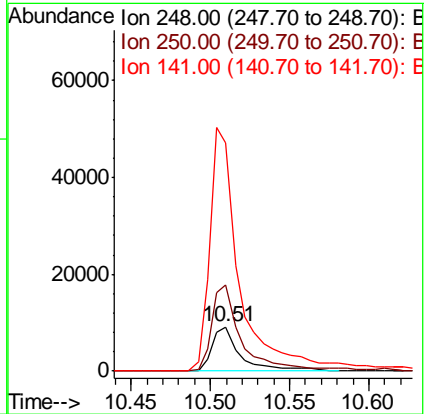
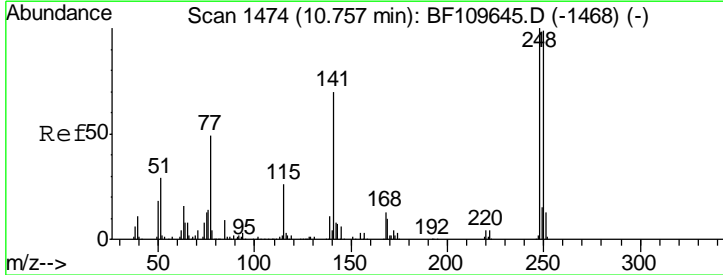
Instrument :
 BNA_F
 ClientSampled :

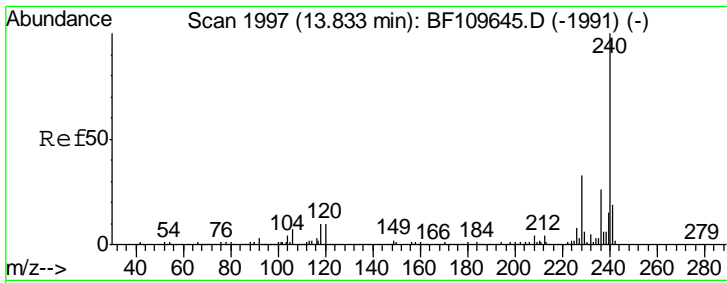
Tgt Ion	Resp	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.3	7.9	11.9



#66
 4-Bromophenyl-phenylether
 Concen: 2.454 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF109838.D
 Acq: 12 Oct 2018 17:18

Tgt Ion	Resp	Lower	Upper
248	100		
250	196.4	79.4	119.2#
141	517.3	55.9	83.9#

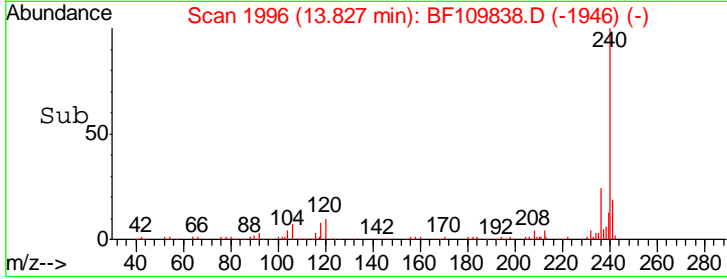
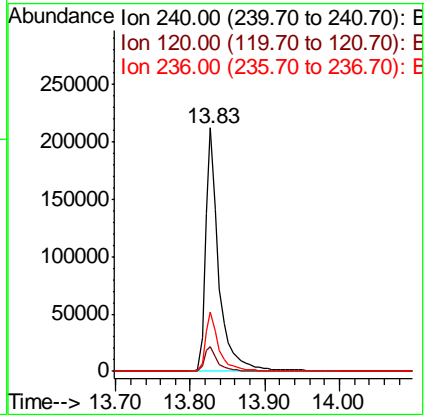
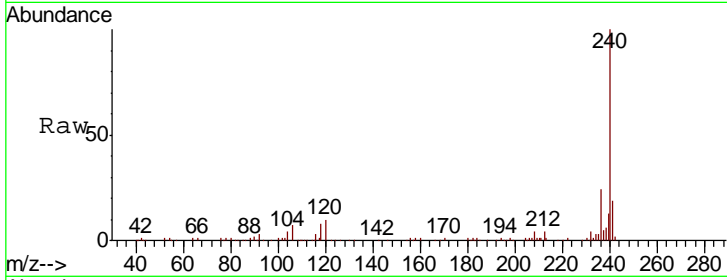




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF109838.D
 Acq: 12 Oct 2018 17:18

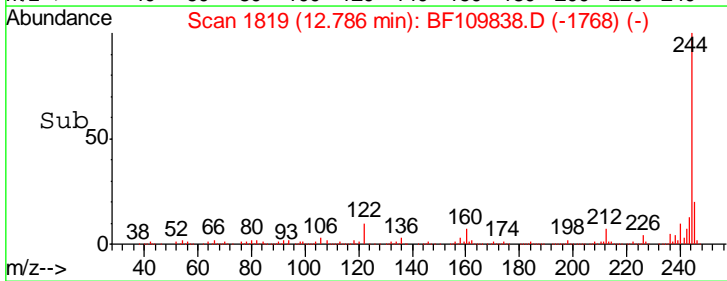
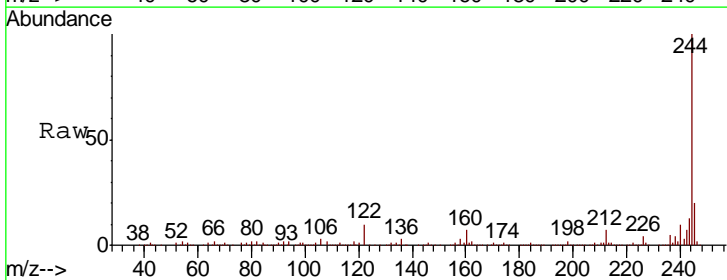
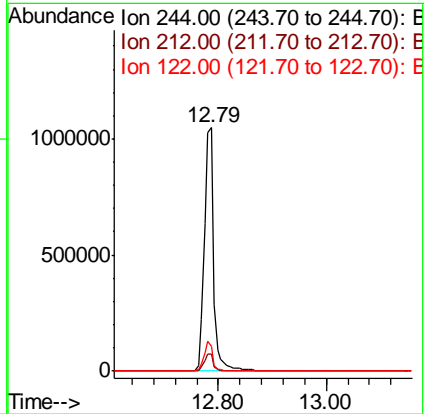
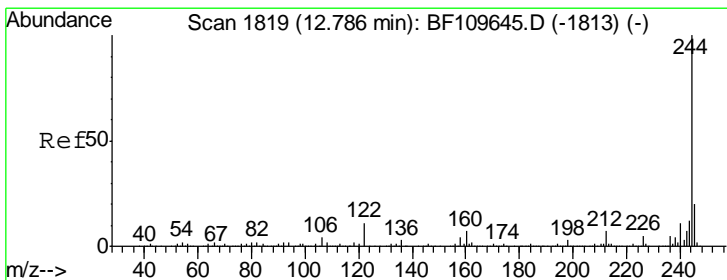
Instrument :
 BNA_F
 ClientSampled :

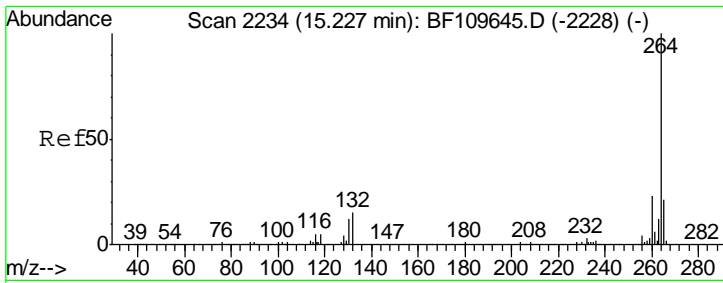
Tgt Ion	Resp	Lower	Upper
240	100		
120	10.0	8.3	12.5
236	24.1	21.2	31.8



#78
 Terphenyl-d14
 Concen: 94.145 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: BF109838.D
 Acq: 12 Oct 2018 17:18

Tgt Ion	Resp	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	10.2	8.7	13.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. 0.00 min
 Lab File: BF109838.D
 Acq: 12 Oct 2018 17:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.7	28.1
265	21.8	16.7	25.1

