

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109971.D
 Acq On : 18 Oct 2018 20:58
 Operator : JU/SJ
 Sample : J5571-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 19 02:25:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	184709	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	669142	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	284825	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	443619	20.00	ng	0.00
76) Chrysene-d12	14.16	240	373419	20.00	ng	0.00
87) Perylene-d12	15.68	264	404145	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	567220	48.68	ng	-0.01
7) Phenol-d6	6.59	99	428219	29.59	ng	-0.02
23) Nitrobenzene-d5	7.54	82	966038	97.25	ng	-0.01
42) 2,4,6-Tribromophenol	10.82	330	302529	122.68	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1606538	90.00	ng	0.00
79) Terphenyl-d14	13.10	244	1158299	65.14	ng	0.00

Target Compounds

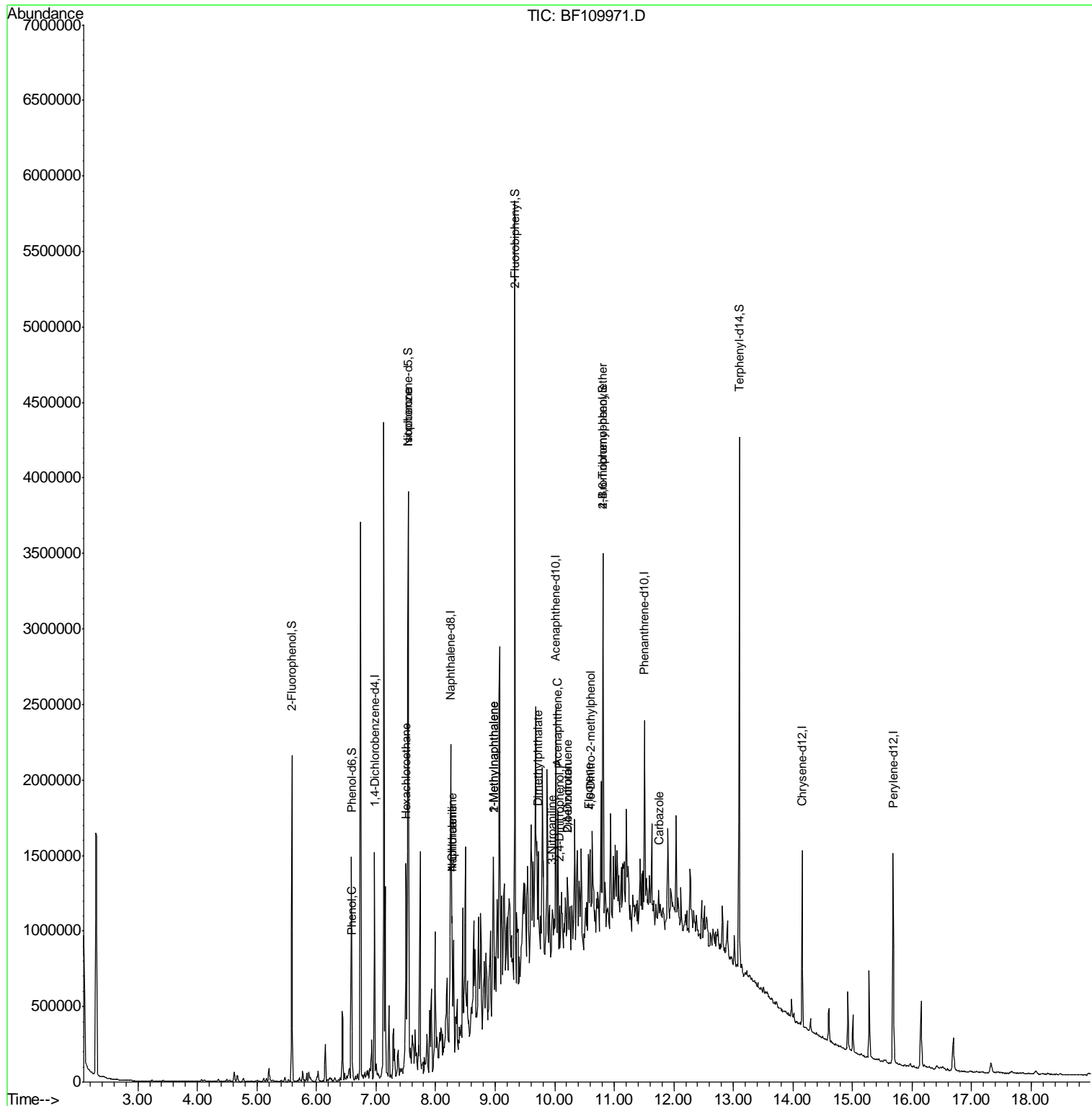
						Qvalue
10) Phenol	6.60	94	62447	3.997	ng	# 62
18) Hexachloroethane	7.50	117	111767	21.941	ng	# 1
25) Isophorone	7.54	82	960025	49.187	ng	# 67
31) Naphthalene	8.28	128	229262	7.472	ng	# 95
33) 4-Chloroaniline	8.28	127	39589	2.870	ng	# 33
37) 2-Methylnaphthalene	8.97	142	248501	12.507	ng	97
38) 1-Methylnaphthalene	8.97	142	248501	12.907	ng	98
50) Dimethylphthalate	9.73	163	55672	2.760	ng	# 73
52) Acenaphthene	10.05	154	87343	5.052	ng	95
53) 3-Nitroaniline	9.96	138	13706	2.941	ng	# 12
54) 2,4-Dinitrophenol	10.09	184	235	9.080	ng	# 1
55) Dibenzofuran	10.22	168	92500	3.752	ng	# 94
57) 2,4-Dinitrotoluene	10.22	165	3913	5.314	ng	# 46
58) Fluorene	10.57	166	142947	7.964	ng	99
65) 4,6-Dinitro-2-methylphenol	10.60	198	802	8.321	ng	# 1
67) 4-Bromophenyl-phenylether	10.81	248	19400	4.035	ng	# 1
73) Carbazole	11.74	167	71028	3.130	ng	# 94

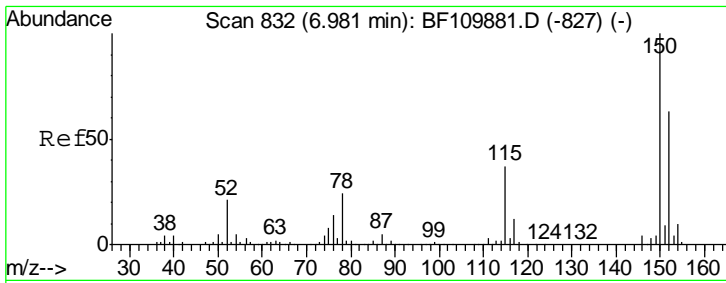
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 19 02:25:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

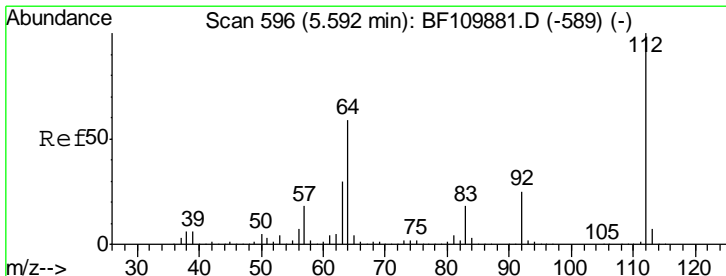
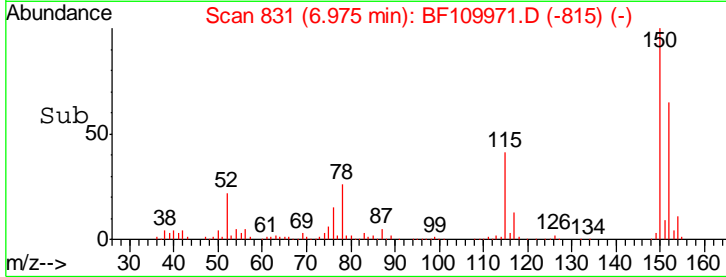
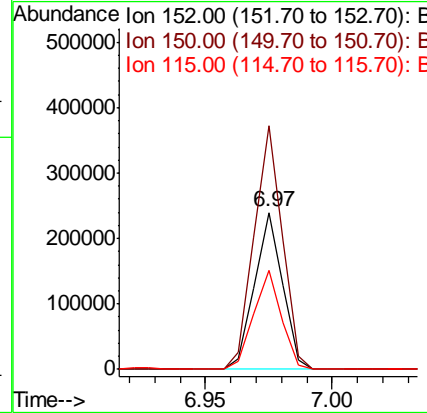
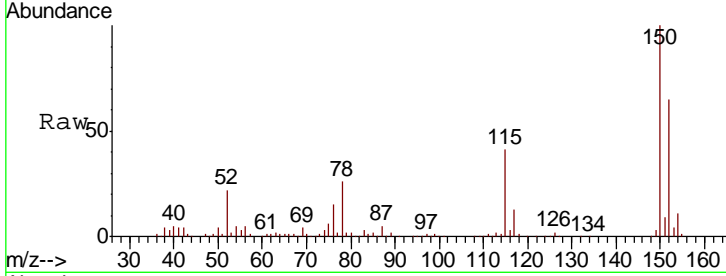




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF109971.D
 Acq: 18 Oct 2018 20:58

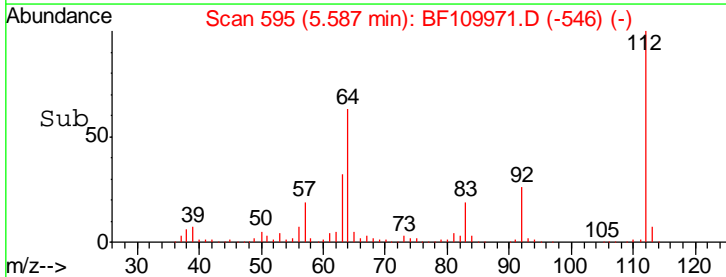
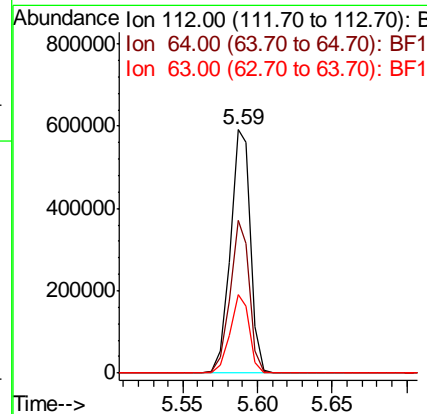
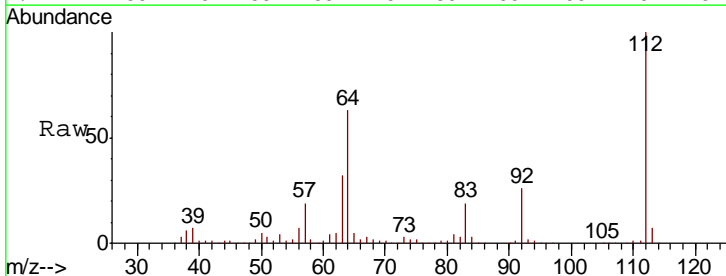
Instrument :
 BNA_F
 ClientSampled :

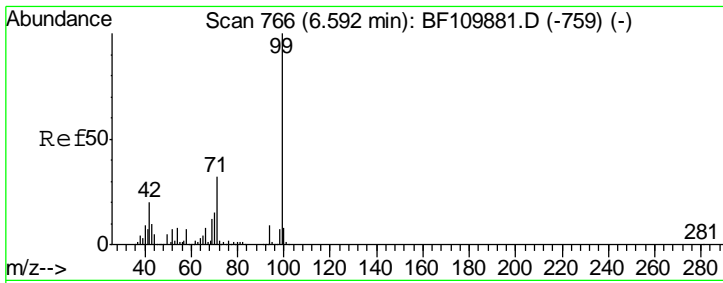
Tgt Ion	Resp	Lower	Upper
152	184709		
150	154.9	122.7	184.1
115	63.3	49.1	73.7



#5
 2-Fluorophenol
 Concen: 48.678 ng
 RT: 5.59 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF109971.D
 Acq: 18 Oct 2018 20:58

Tgt Ion	Resp	Lower	Upper
112	567220		
64	62.7	44.1	66.1
63	32.3	23.7	35.5

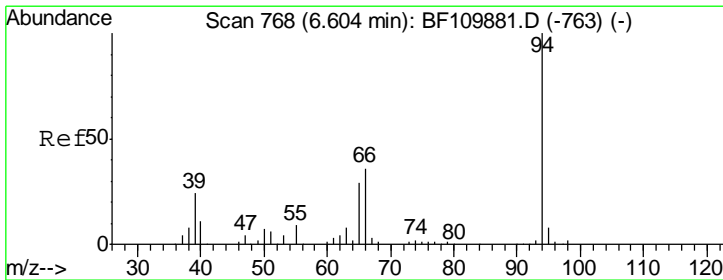
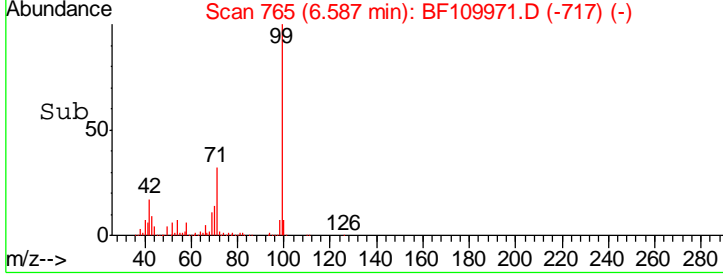
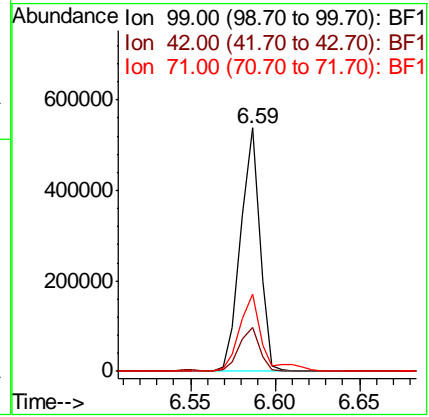
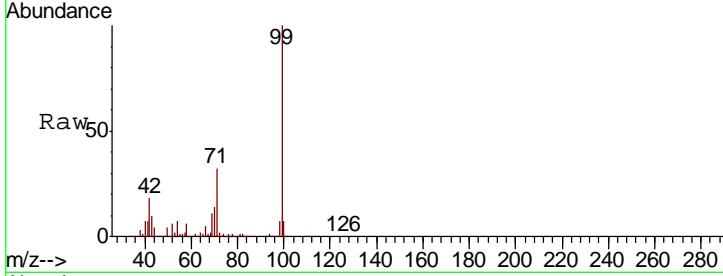




#7
 Phenol-d6
 Concen: 29.595 ng
 RT: 6.59 min Scan# 765
 Delta R.T. -0.02 min
 Lab File: BF109971.D
 Acq: 18 Oct 2018 20:58

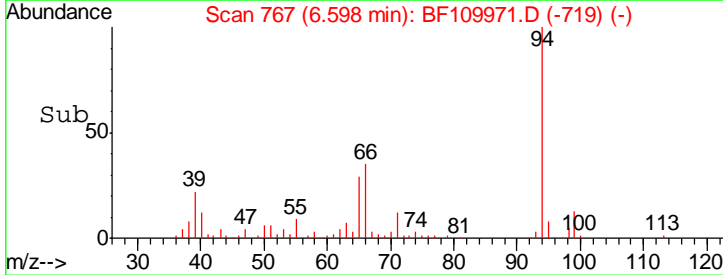
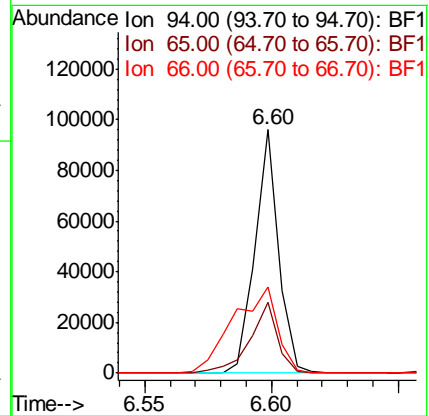
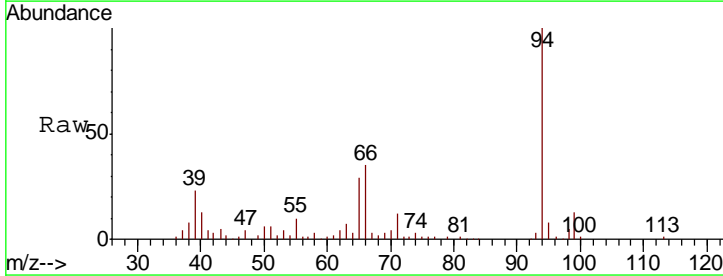
Instrument :
 BNA_F
 ClientSampled :

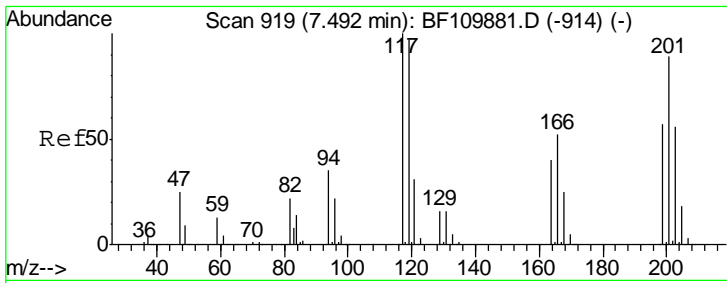
Tgt Ion	Resp	Lower	Upper
99	428219		
42	18.3	15.8	23.6
71	32.0	28.0	42.0



#10
 Phenol
 Concen: 3.997 ng
 RT: 6.60 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF109971.D
 Acq: 18 Oct 2018 20:58

Tgt Ion	Resp	Lower	Upper
94	62447		
65	29.3	25.3	65.3
66	35.1	54.5	94.5#

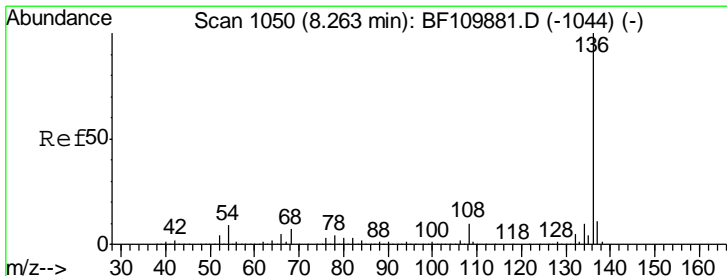
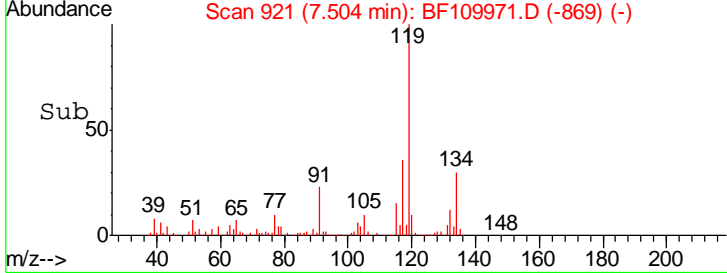
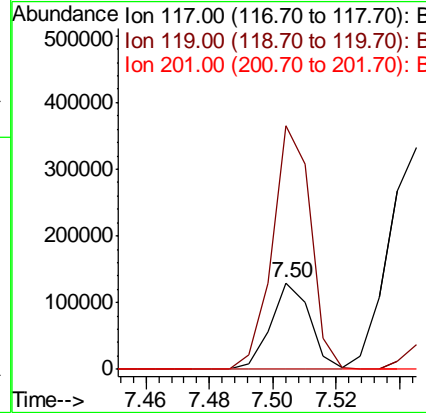
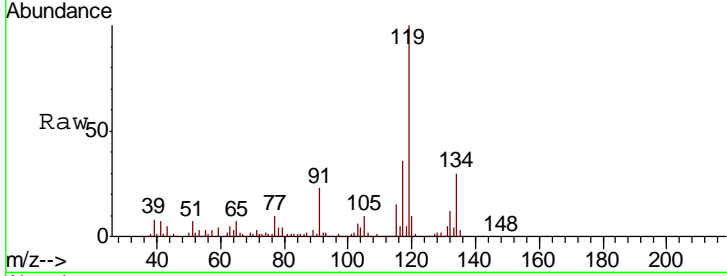




#18
 Hexachloroethane
 Concen: 21.941 ng
 RT: 7.50 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: BF109971.D
 Acq: 18 Oct 2018 20:58

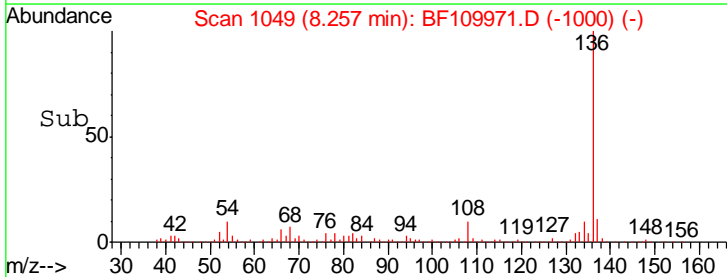
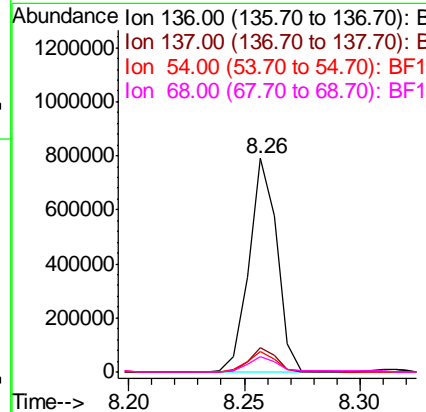
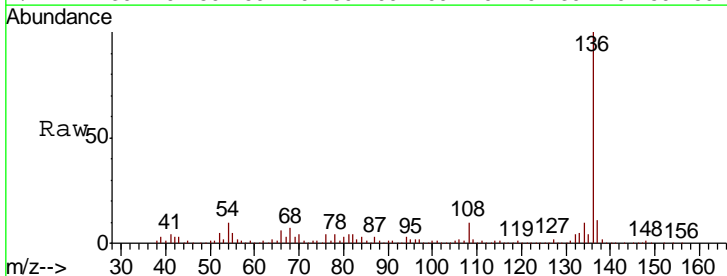
Instrument :
 BNA_F
 ClientSampled :

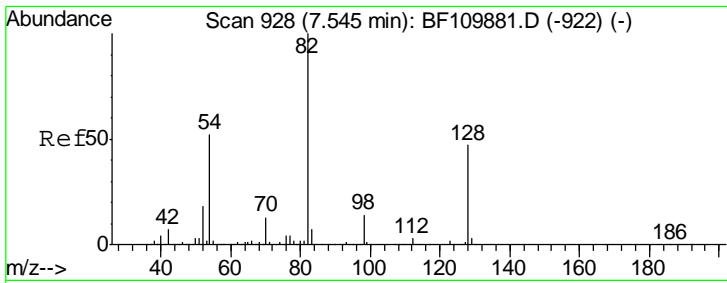
Tgt Ion	Resp	Lower	Upper
117	111767		
119	280.5	75.0	112.6#
201	0.0	79.2	118.8#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.26 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF109971.D
 Acq: 18 Oct 2018 20:58

Tgt Ion	Resp	Lower	Upper
136	669142		
137	11.2	8.8	13.2
54	9.7	5.4	8.2#
68	7.0	4.2	6.2#

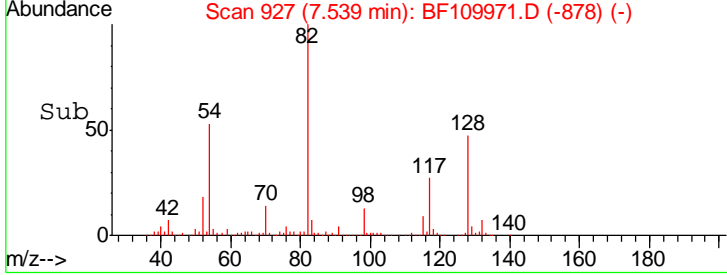
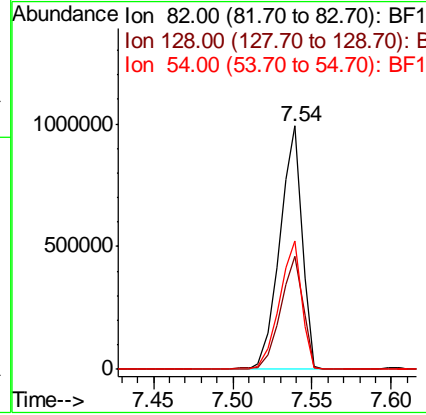
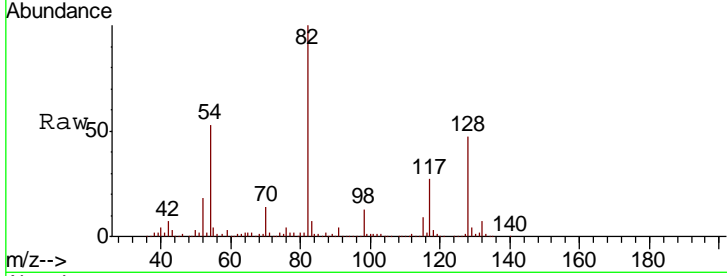




#23
 Nitrobenzene-d5
 Concen: 97.253 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF109971.D
 Acq: 18 Oct 2018 20:58

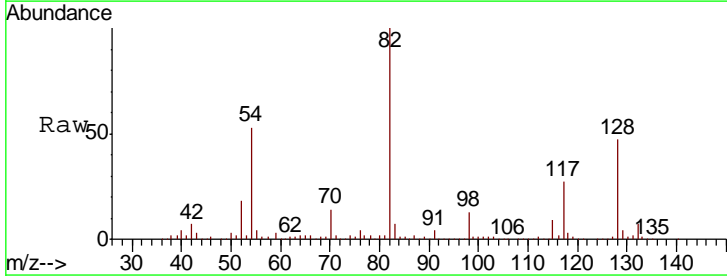
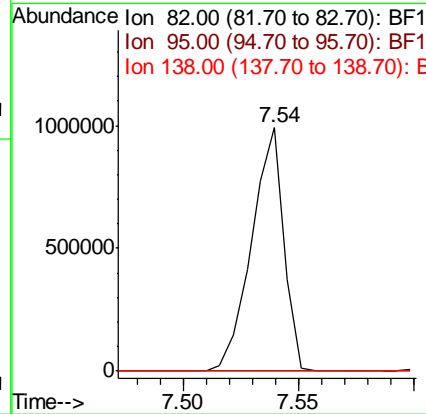
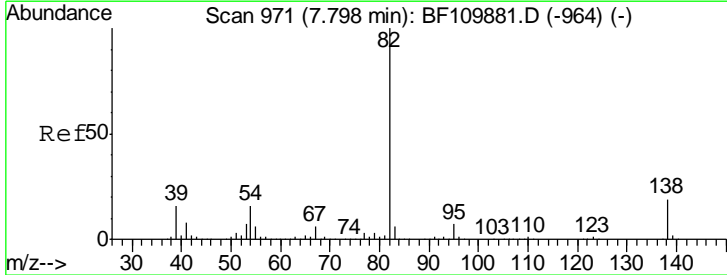
Instrument :
 BNA_F
 ClientSampleID :

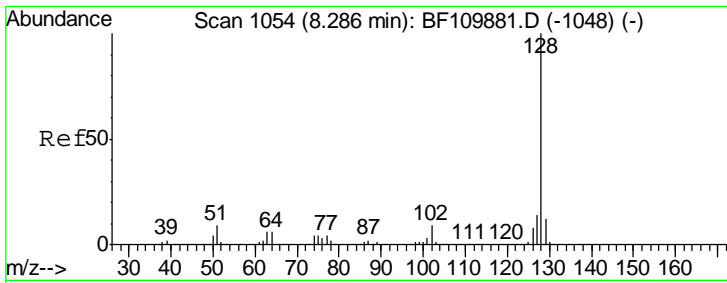
Tgt Ion	Resp	Lower	Upper
82	100		
128	46.7	34.2	51.2
54	52.6	38.6	58.0



#25
 Isophorone
 Concen: 49.187 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.26 min
 Lab File: BF109971.D
 Acq: 18 Oct 2018 20:58

Tgt Ion	Resp	Lower	Upper
82	100		
95	0.1	5.7	8.5#
138	0.0	13.2	19.8#

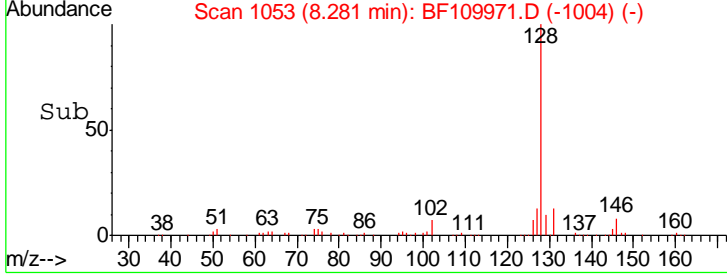
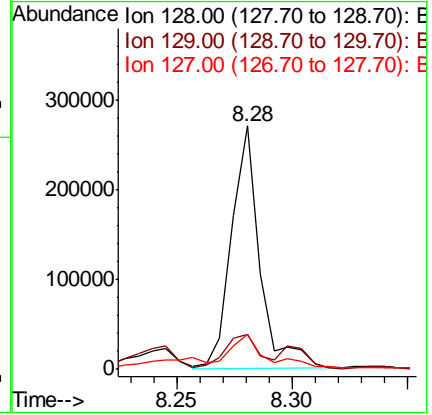
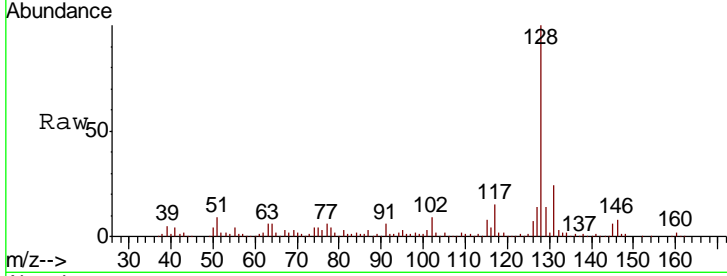




#31
 Naphthalene
 Concen: 7.472 ng
 RT: 8.28 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BF109971.D
 Acq: 18 Oct 2018 20:58

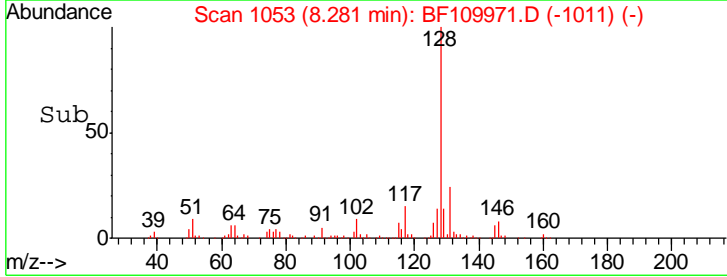
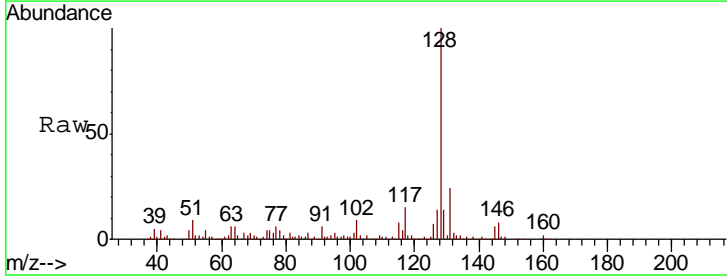
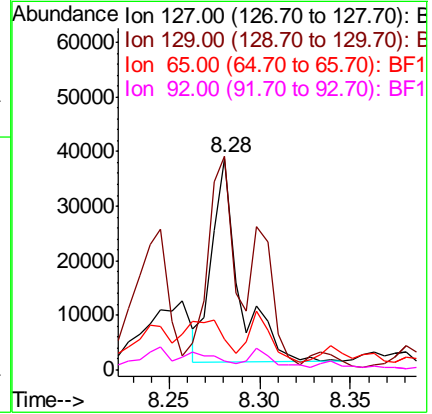
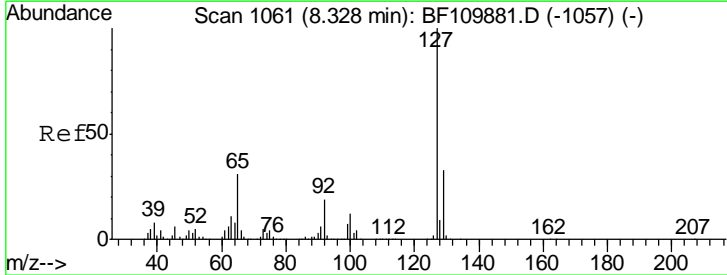
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 ClientSampleId :

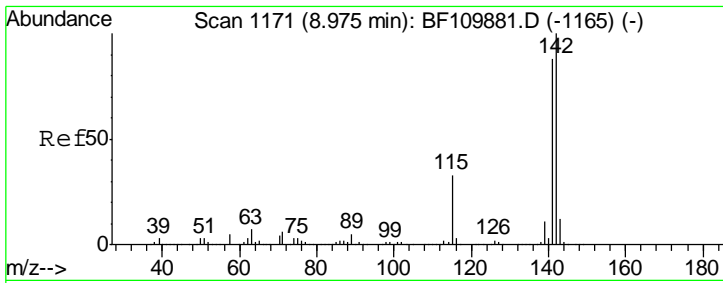
Tgt Ion	Resp	Lower	Upper
128	229262		
129	14.4	8.8	13.2#
127	14.3	10.8	16.2



#33
 4-Chloroaniline
 Concen: 2.870 ng
 RT: 8.28 min Scan# 1053
 Delta R.T. -0.05 min
 Lab File: BF109971.D
 Acq: 18 Oct 2018 20:58

Tgt Ion	Resp	Lower	Upper
127	39589		
129	101.0	26.0	39.0#
65	14.7	25.1	37.7#
92	4.4	15.0	22.6#

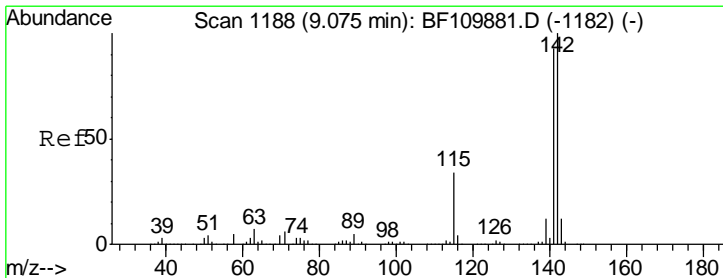
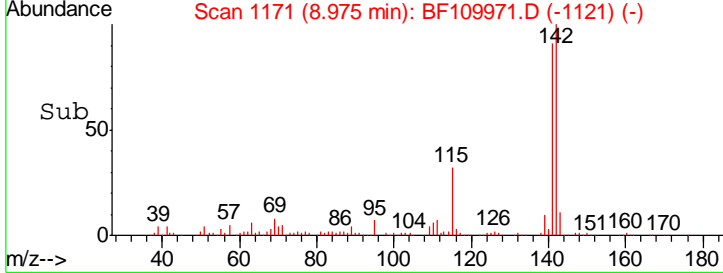
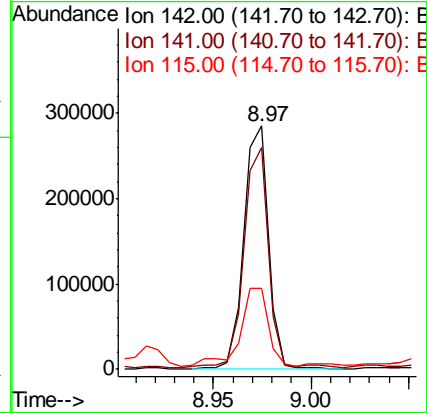
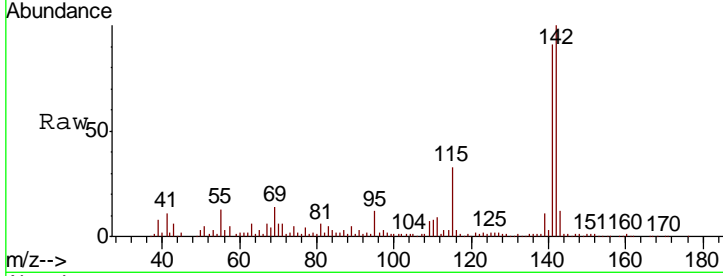




#37
 2-Methylnaphthalene
 Concen: 12.507 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF109971.D
 Acq: 18 Oct 2018 20:58

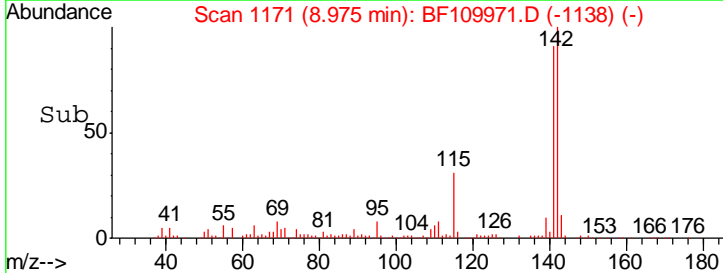
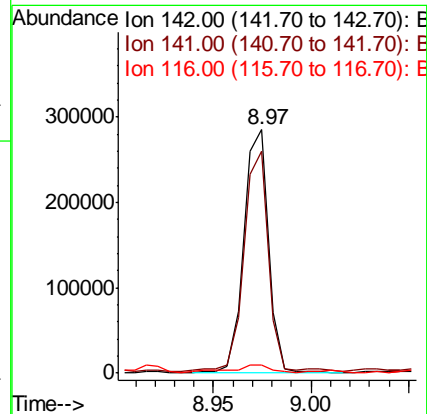
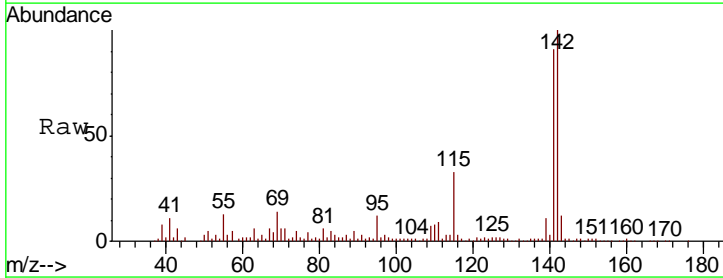
Instrument :
 BNA_F
 ClientSampled :

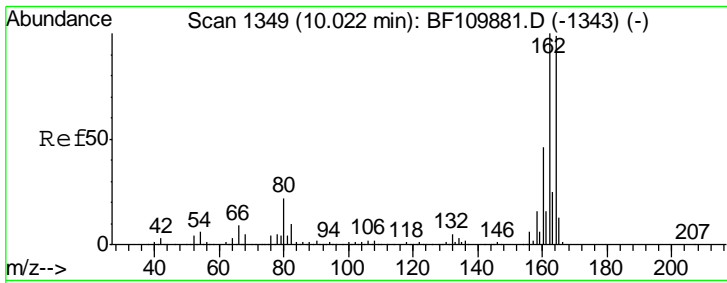
Tgt Ion	Resp	Lower	Upper
142	100		
141	91.0	71.4	107.2
115	33.2	28.7	43.1



#38
 1-Methylnaphthalene
 Concen: 12.907 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.11 min
 Lab File: BF109971.D
 Acq: 18 Oct 2018 20:58

Tgt Ion	Resp	Lower	Upper
142	100		
141	91.0	74.2	111.4
116	3.2	2.6	4.0

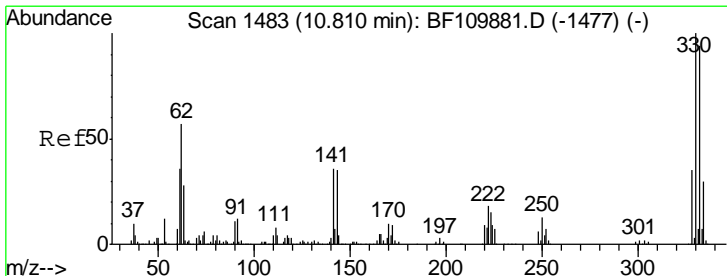
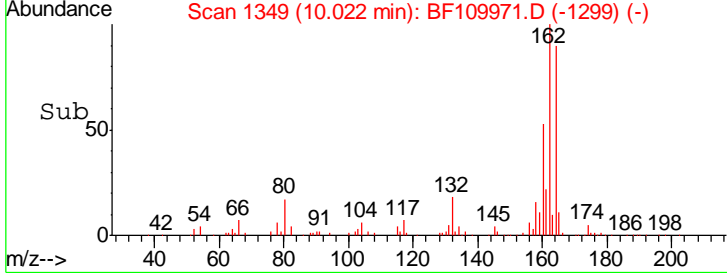
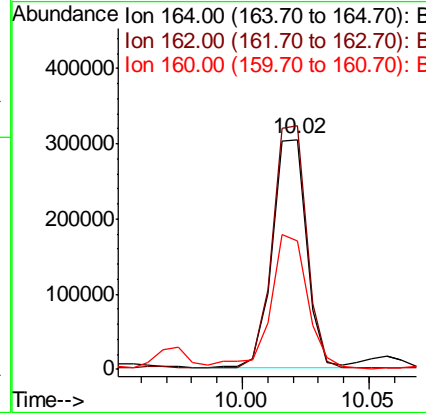
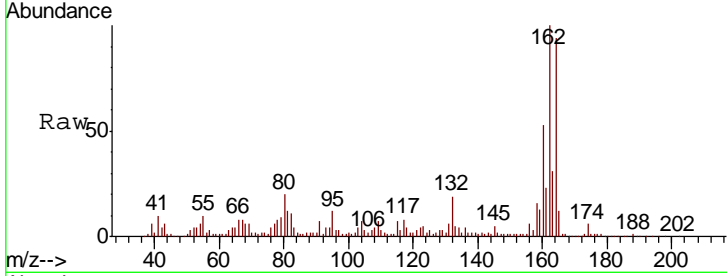




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: BF109971.D
 Acq: 18 Oct 2018 20:58

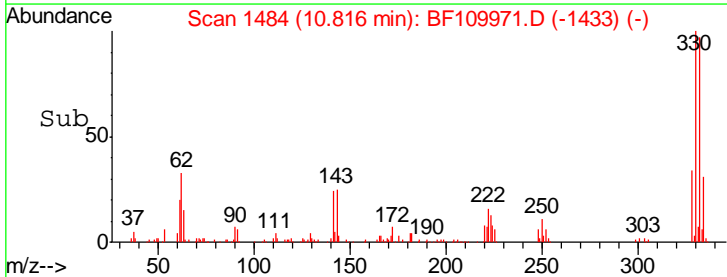
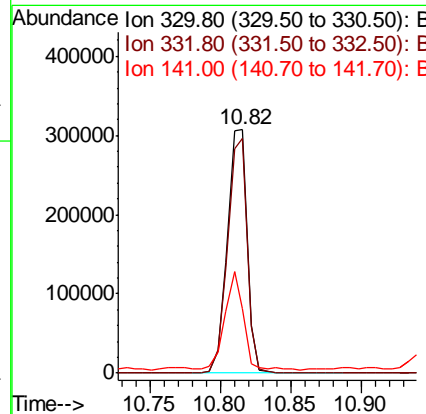
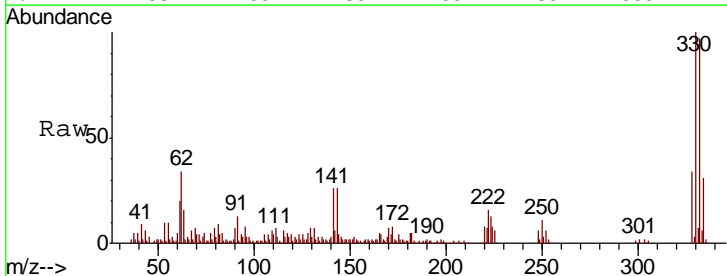
Instrument :
 BNA_F
 ClientSampled :

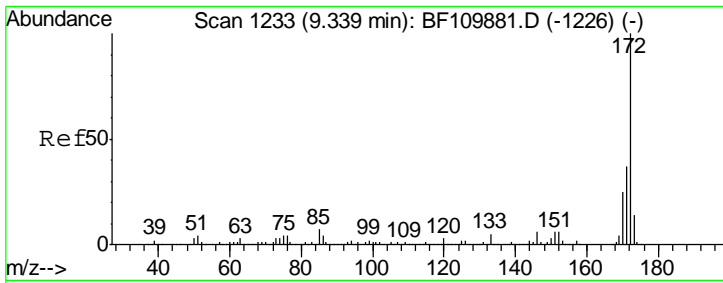
Tgt Ion	Resp	Lower	Upper
164	100		
162	106.0	83.0	124.6
160	55.9	37.0	55.6#



#42
 2,4,6-Tribromophenol
 Concen: 122.683 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: BF109971.D
 Acq: 18 Oct 2018 20:58

Tgt Ion	Resp	Lower	Upper
330	100		
332	94.7	77.1	115.7
141	35.1	27.0	40.4



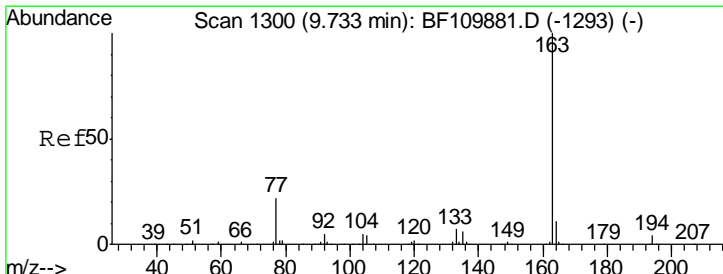
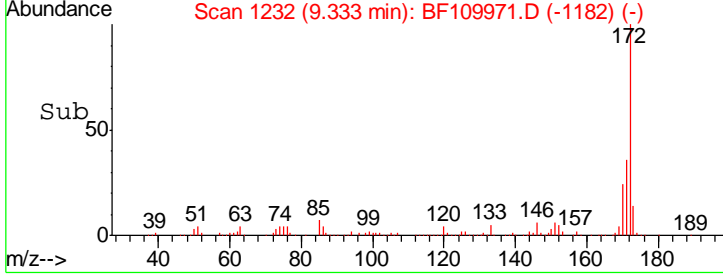
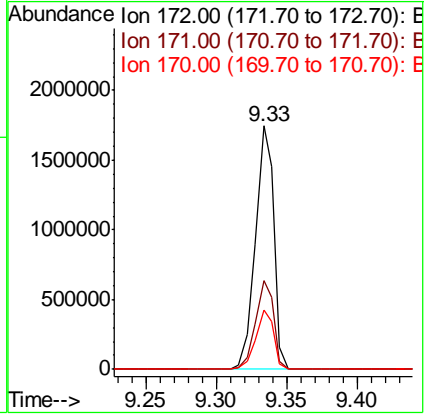
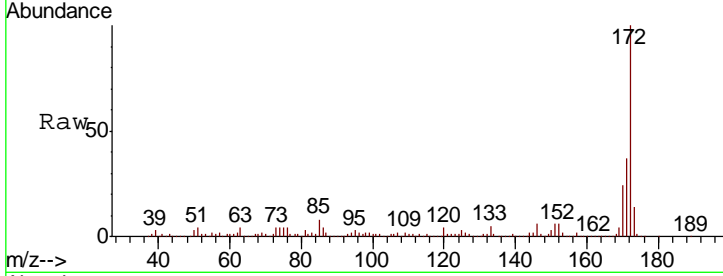


#45
 2-Fluorobiphenyl
 Concen: 90.002 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF109971.D
 Acq: 18 Oct 2018 20:58

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:172 Resp: 1606538

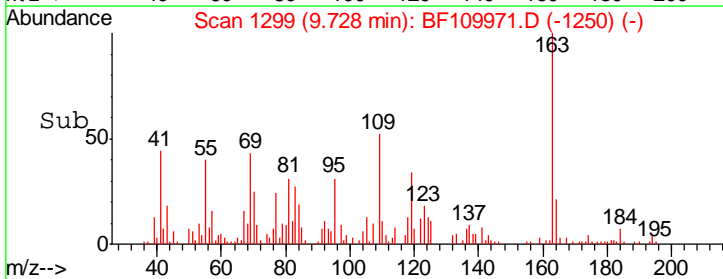
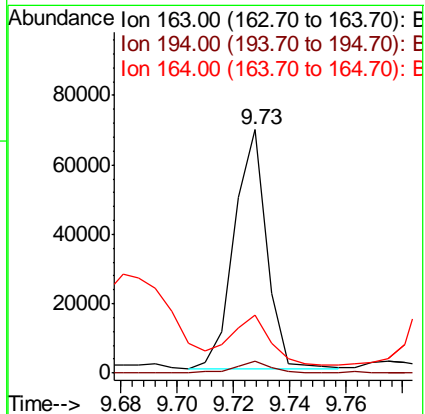
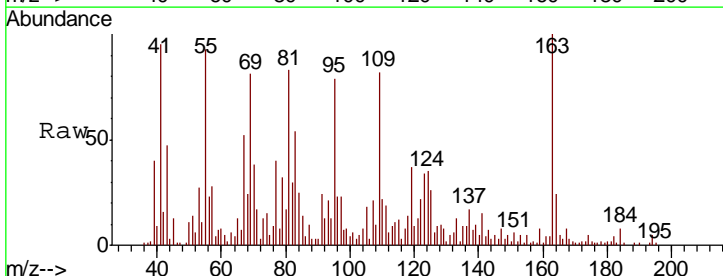
Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	24.3	19.7	29.5

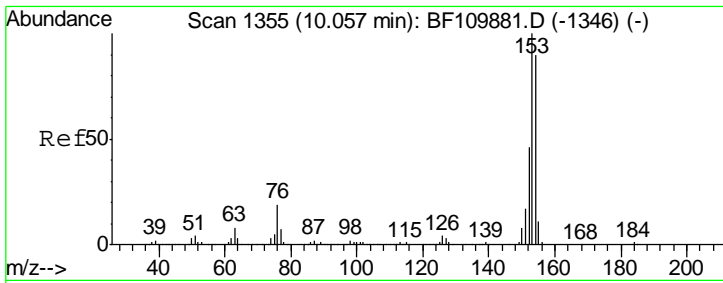


#50
 Dimethylphthalate
 Concen: 2.760 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF109971.D
 Acq: 18 Oct 2018 20:58

Tgt Ion:163 Resp: 55672

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.2	4.8
164	23.9	8.1	12.1#

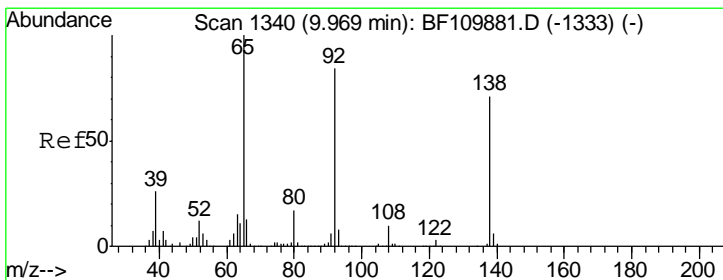
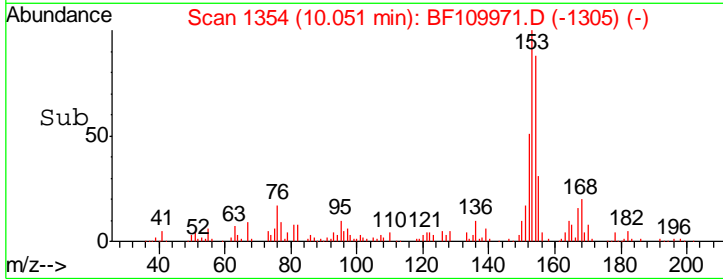
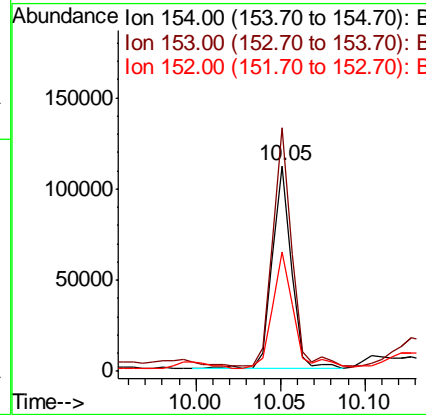
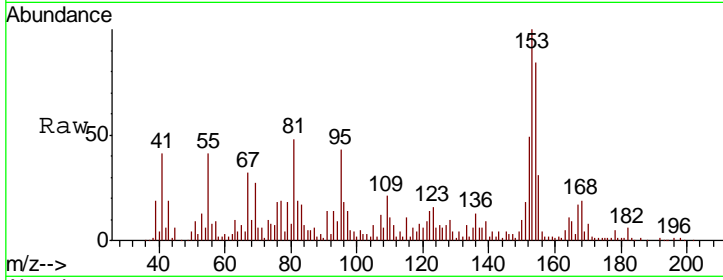




#52
 Acenaphthene
 Concen: 5.052 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF109971.D
 Acq: 18 Oct 2018 20:58

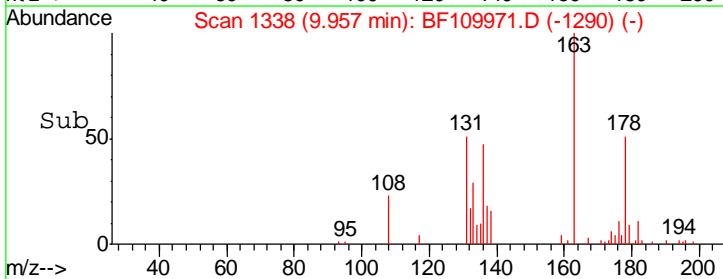
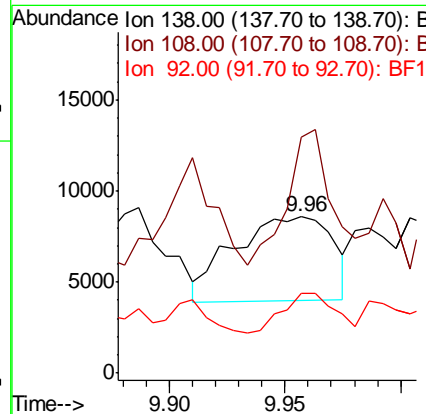
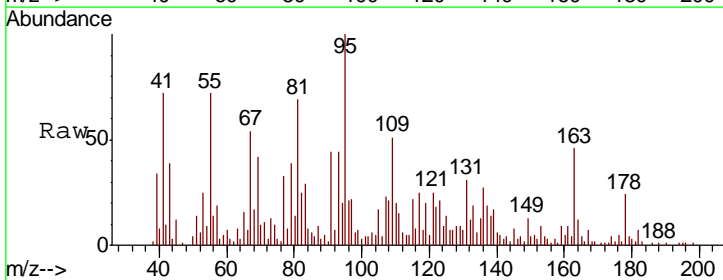
Instrument :
 BNA_F
 ClientSampled :

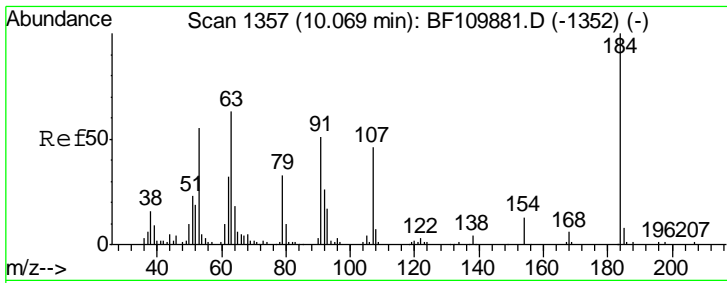
Tgt Ion	Resp	Lower	Upper
154	100		
153	118.4	90.1	135.1
152	58.4	43.4	65.2



#53
 3-Nitroaniline
 Concen: 2.941 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.02 min
 Lab File: BF109971.D
 Acq: 18 Oct 2018 20:58

Tgt Ion	Resp	Lower	Upper
138	100		
108	150.8	8.7	13.1#
92	51.1	97.0	145.4#

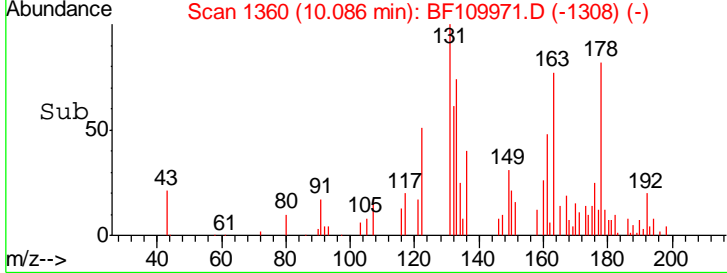
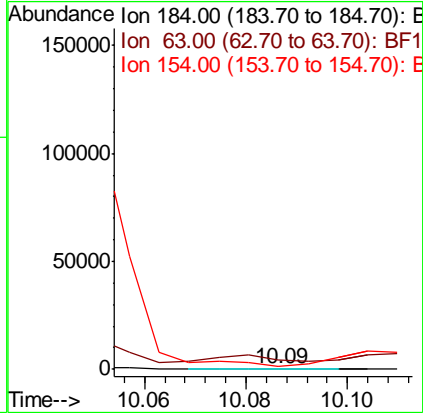
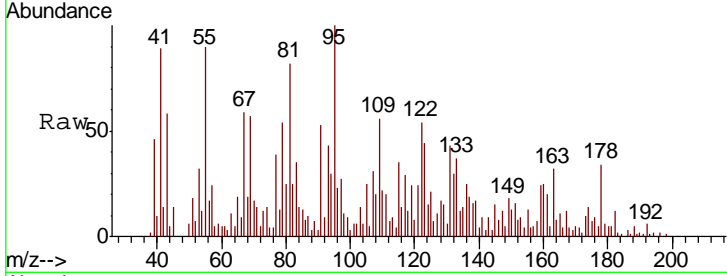




#54
 2,4-Dinitrophenol
 Concen: 9.080 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: BF109971.D
 Acq: 18 Oct 2018 20:58

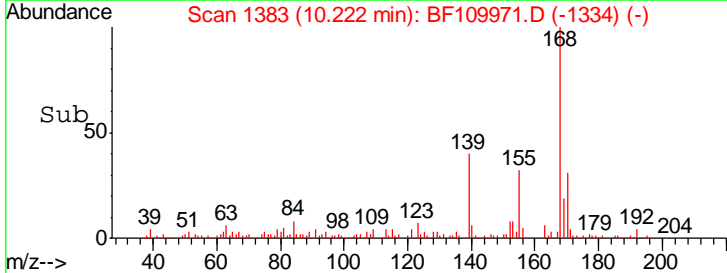
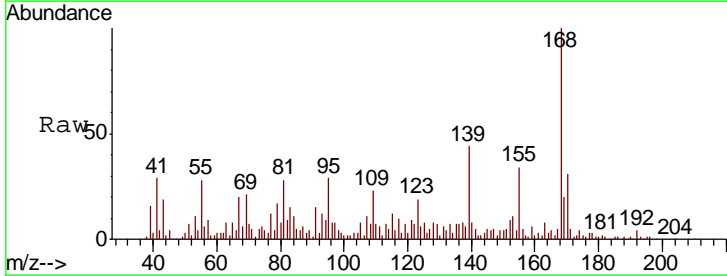
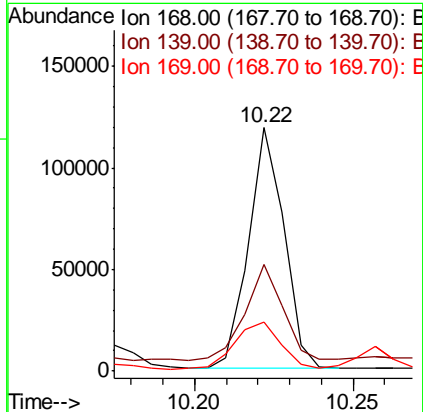
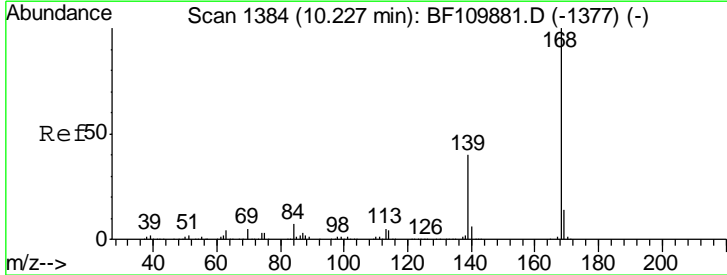
Instrument :
 BNA_F
 ClientSampled :

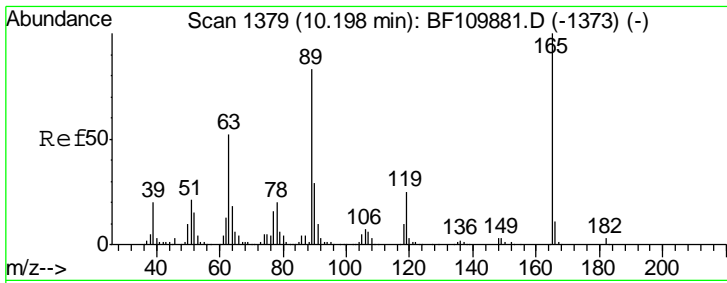
Tgt Ion	Resp	Lower	Upper
184	235		
63	1199.1	55.8	83.6#
154	466.3	63.2	94.8#



#55
 Dibenzofuran
 Concen: 3.752 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. -0.01 min
 Lab File: BF109971.D
 Acq: 18 Oct 2018 20:58

Tgt Ion	Resp	Lower	Upper
168	92500		
139	43.6	33.0	49.6
169	20.0	11.3	16.9#

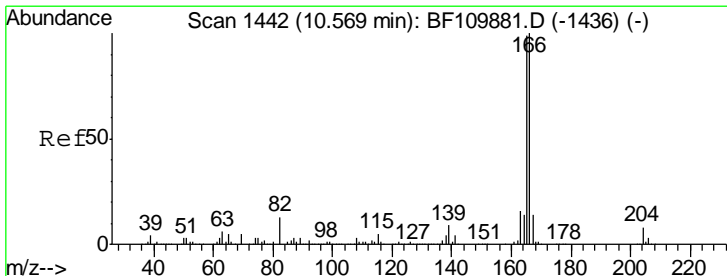
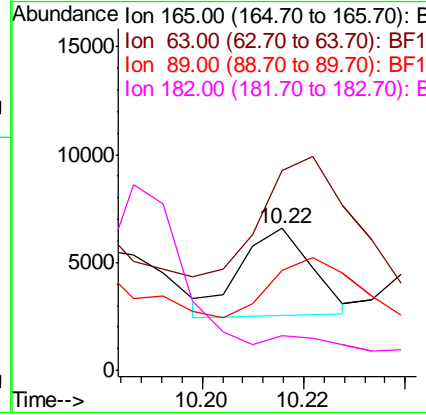
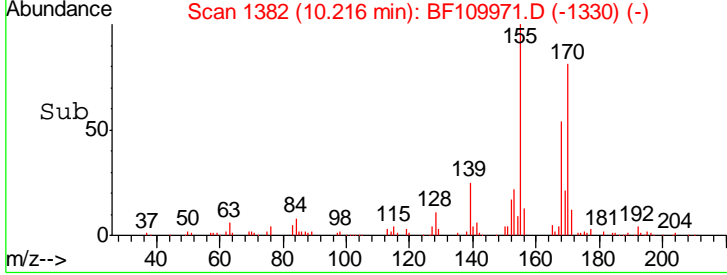
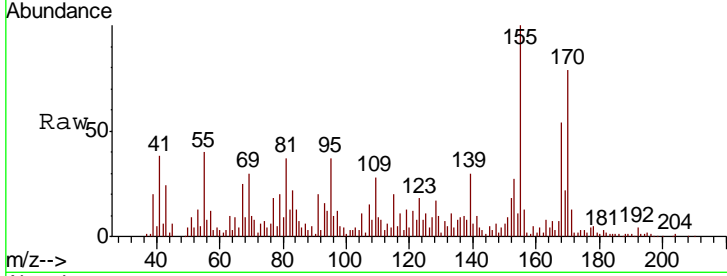




#57
 2,4-Dinitrotoluene
 Concen: 5.314 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF109971.D
 Acq: 18 Oct 2018 20:58

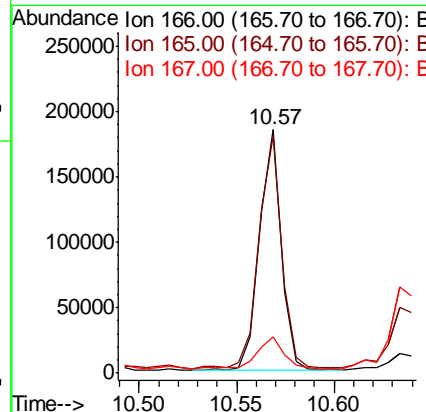
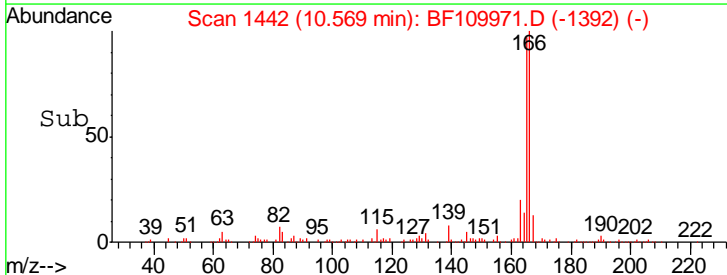
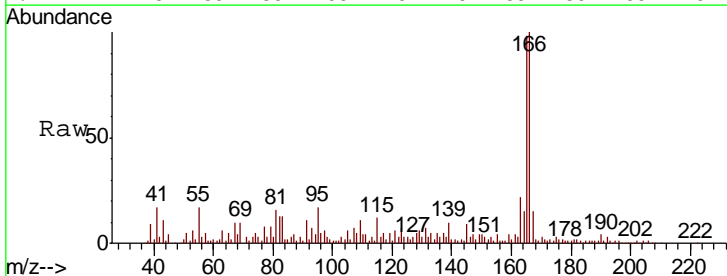
Instrument :
 BNA_F
 ClientSampled :

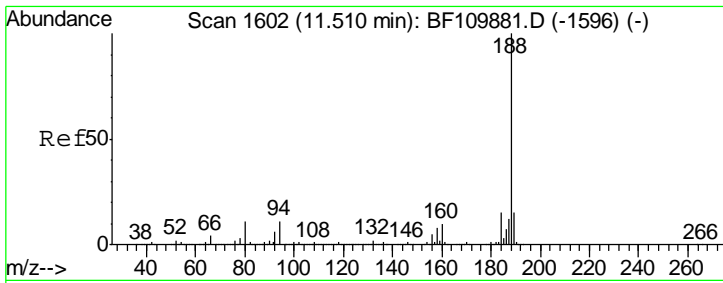
Tgt Ion	Resp	Lower	Upper
165	3913		
63	140.5	44.8	67.2#
89	70.5	62.2	93.4
182	24.3	2.1	3.1#



#58
 Fluorene
 Concen: 7.964 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF109971.D
 Acq: 18 Oct 2018 20:58

Tgt Ion	Resp	Lower	Upper
166	142947		
165	97.5	78.6	117.8
167	15.0	10.8	16.2

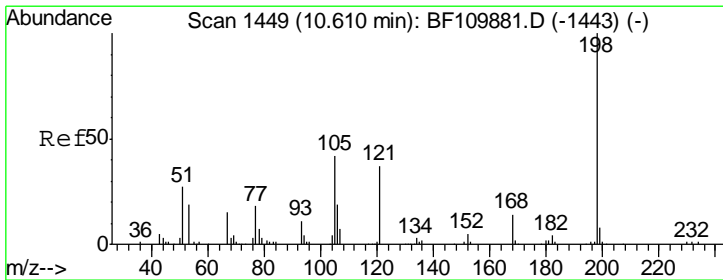
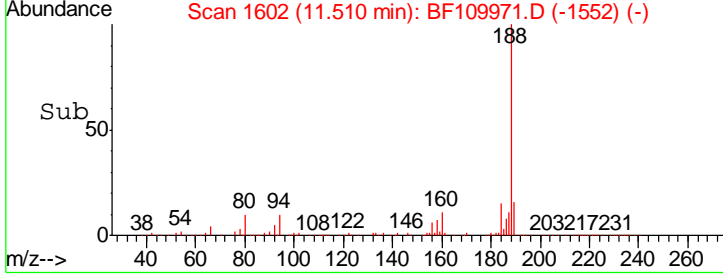
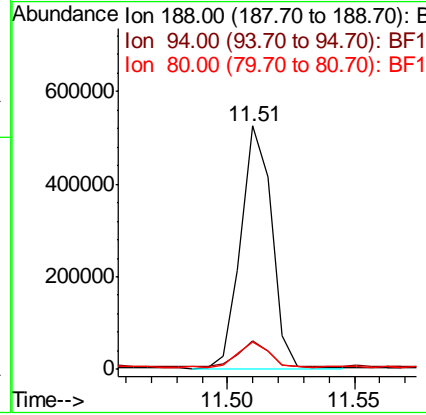
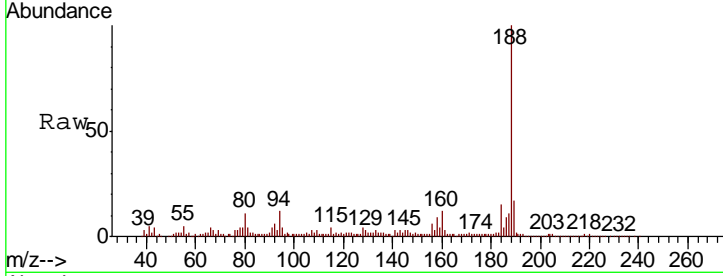




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BF109971.D
 Acq: 18 Oct 2018 20:58

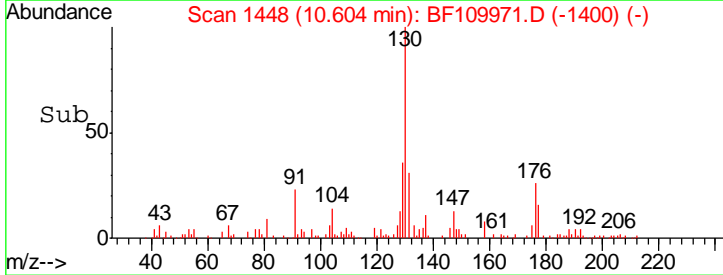
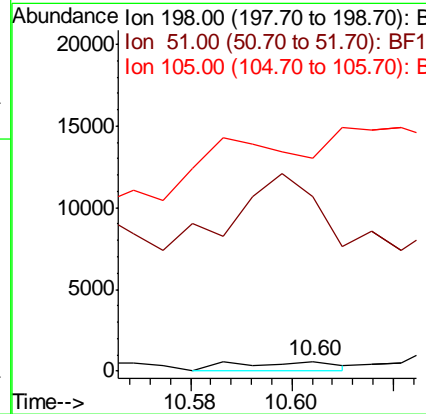
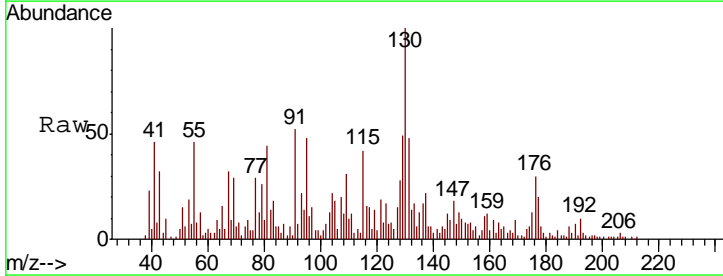
Instrument :
 BNA_F
 ClientSampled :

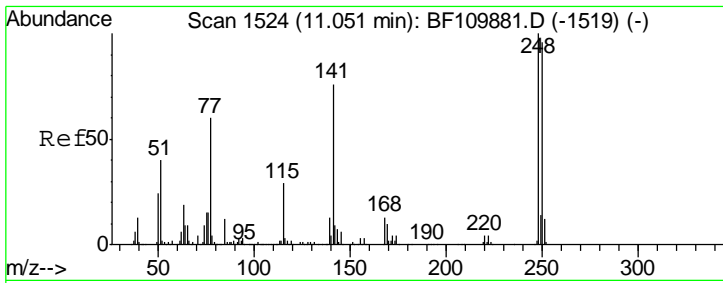
Tgt Ion	Resp	Lower	Upper
188	443619		
94	11.6	7.2	10.8#
80	11.4	7.9	11.9



#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.321 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.02 min
 Lab File: BF109971.D
 Acq: 18 Oct 2018 20:58

Tgt Ion	Resp	Lower	Upper
198	802		
51	1809.3	22.8	62.8#
105	2213.2	23.6	63.6#

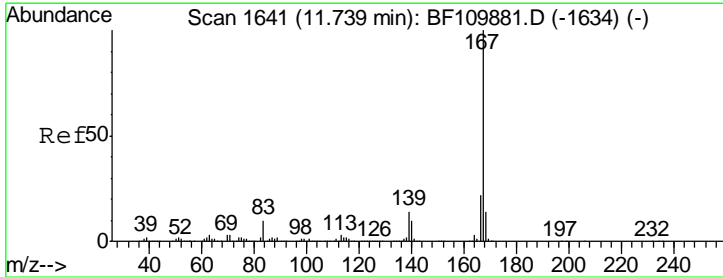
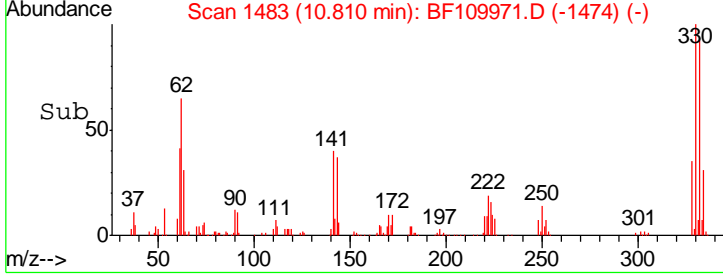
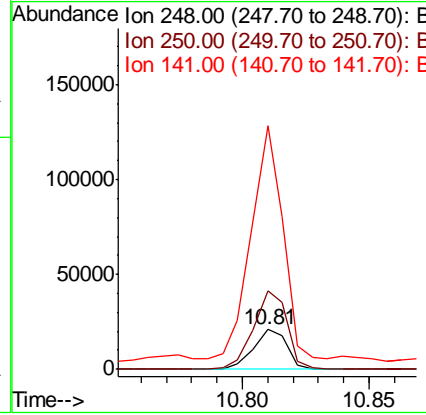
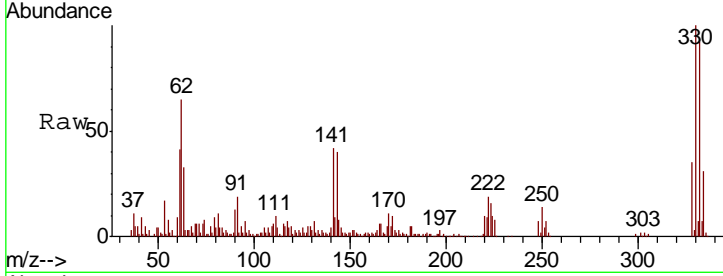




#67
 4-Bromophenyl-phenylether
 Concen: 4.035 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.25 min
 Lab File: BF109971.D
 Acq: 18 Oct 2018 20:58

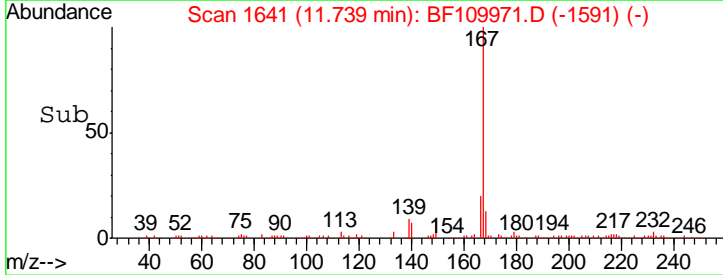
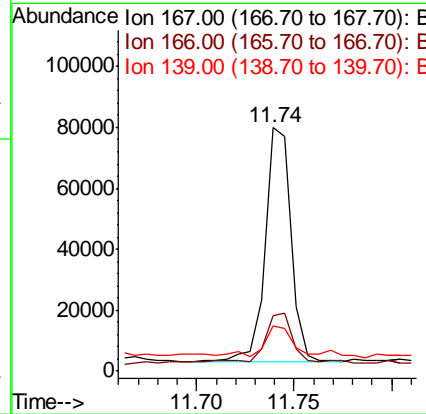
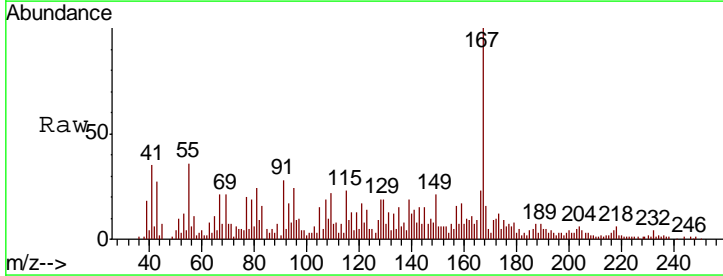
Instrument :
 BNA_F
 ClientSampled :

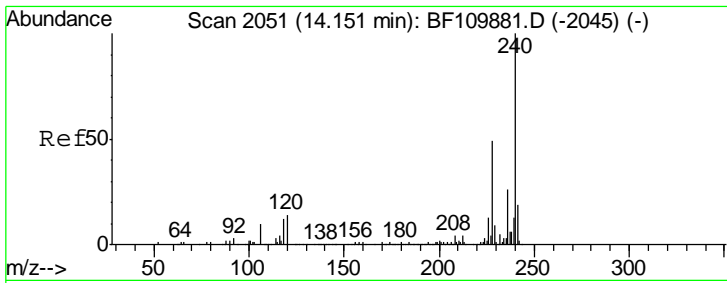
Tgt Ion	Resp	Lower	Upper
248	19400		
250	198.5	79.4	119.2#
141	613.9	55.9	83.9#



#73
 Carbazole
 Concen: 3.130 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BF109971.D
 Acq: 18 Oct 2018 20:58

Tgt Ion	Resp	Lower	Upper
167	71028		
166	22.8	17.4	26.0
139	18.7	10.9	16.3#

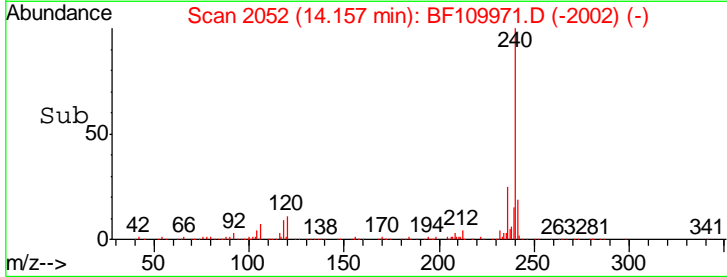
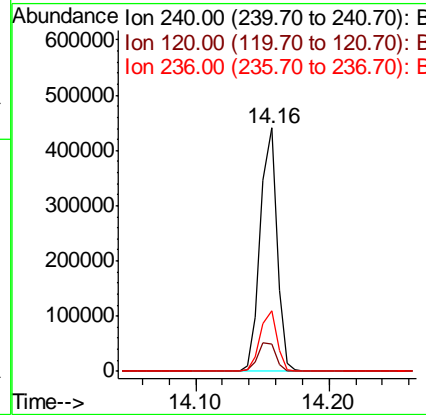
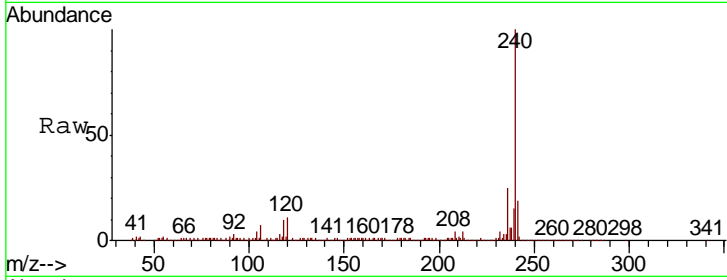




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BF109971.D
 Acq: 18 Oct 2018 20:58

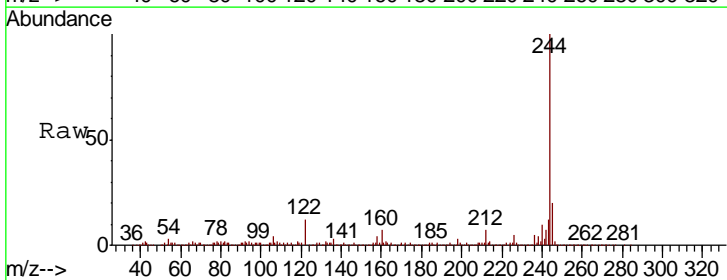
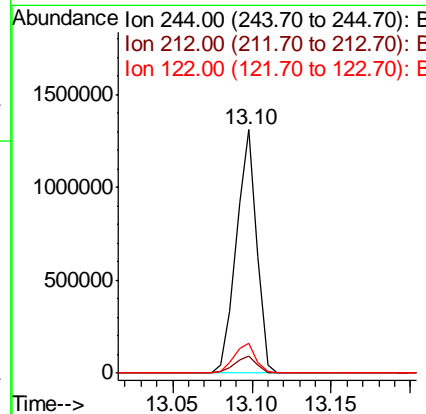
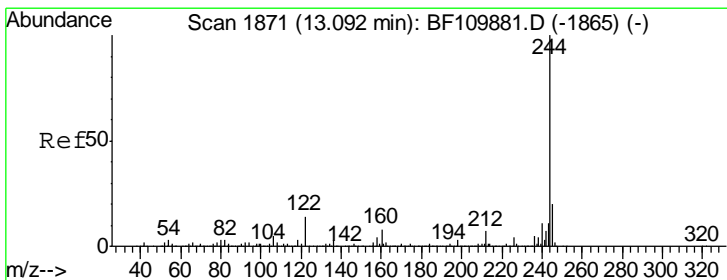
Instrument :
 BNA_F
 ClientSampled :

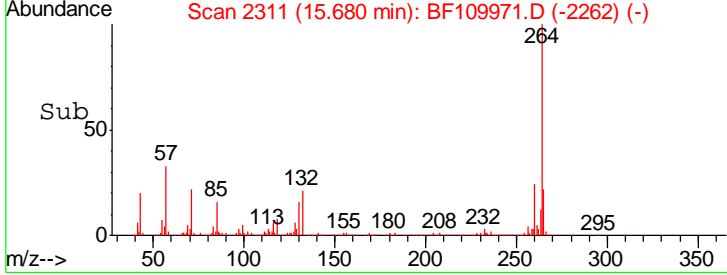
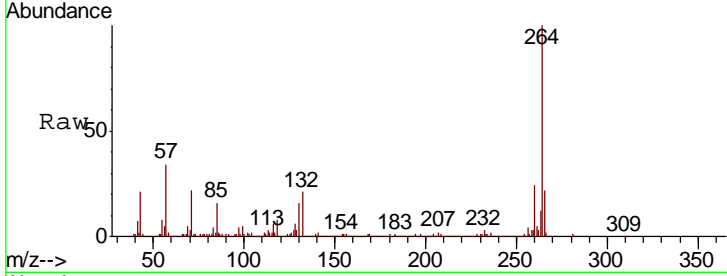
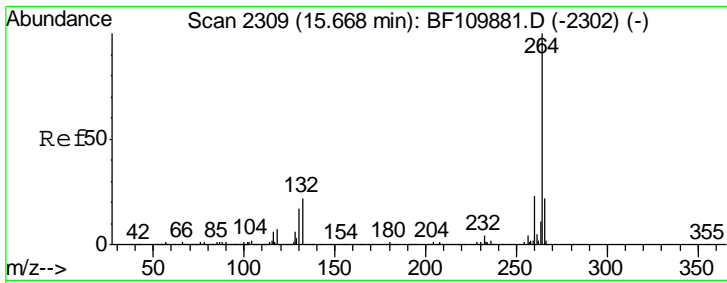
Tgt Ion	Resp	Lower	Upper
240	373419		
120	11.3	8.3	12.5
236	24.7	21.2	31.8



#79
 Terphenyl-d14
 Concen: 65.137 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BF109971.D
 Acq: 18 Oct 2018 20:58

Tgt Ion	Resp	Lower	Upper
244	1158299		
212	7.0	5.8	8.8
122	12.5	8.7	13.1





#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. -0.01 min
 Lab File: BF109971.D
 Acq: 18 Oct 2018 20:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	22.3	16.7	25.1

