

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
 Data File : BF110599.D
 Acq On : 8 Nov 2018 21:47
 Operator : JU/SJ
 Sample : J5857-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 09 08:42:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 08 14:14:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	80570	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	323253	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	155708	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	307301	20.00	ng	0.00
76) Chrysene-d12	14.13	240	240318	20.00	ng	-0.01
87) Perylene-d12	15.65	264	165467	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	470148	94.78	ng	0.00
7) Phenol-d6	6.57	99	714105	112.58	ng	0.00
23) Nitrobenzene-d5	7.51	82	483966	86.22	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	105827	67.45	ng	-0.01
45) 2-Fluorobiphenyl	9.30	172	933886	85.66	ng	0.00
79) Terphenyl-d14	13.06	244	1002087	78.09	ng	0.00

Target Compounds

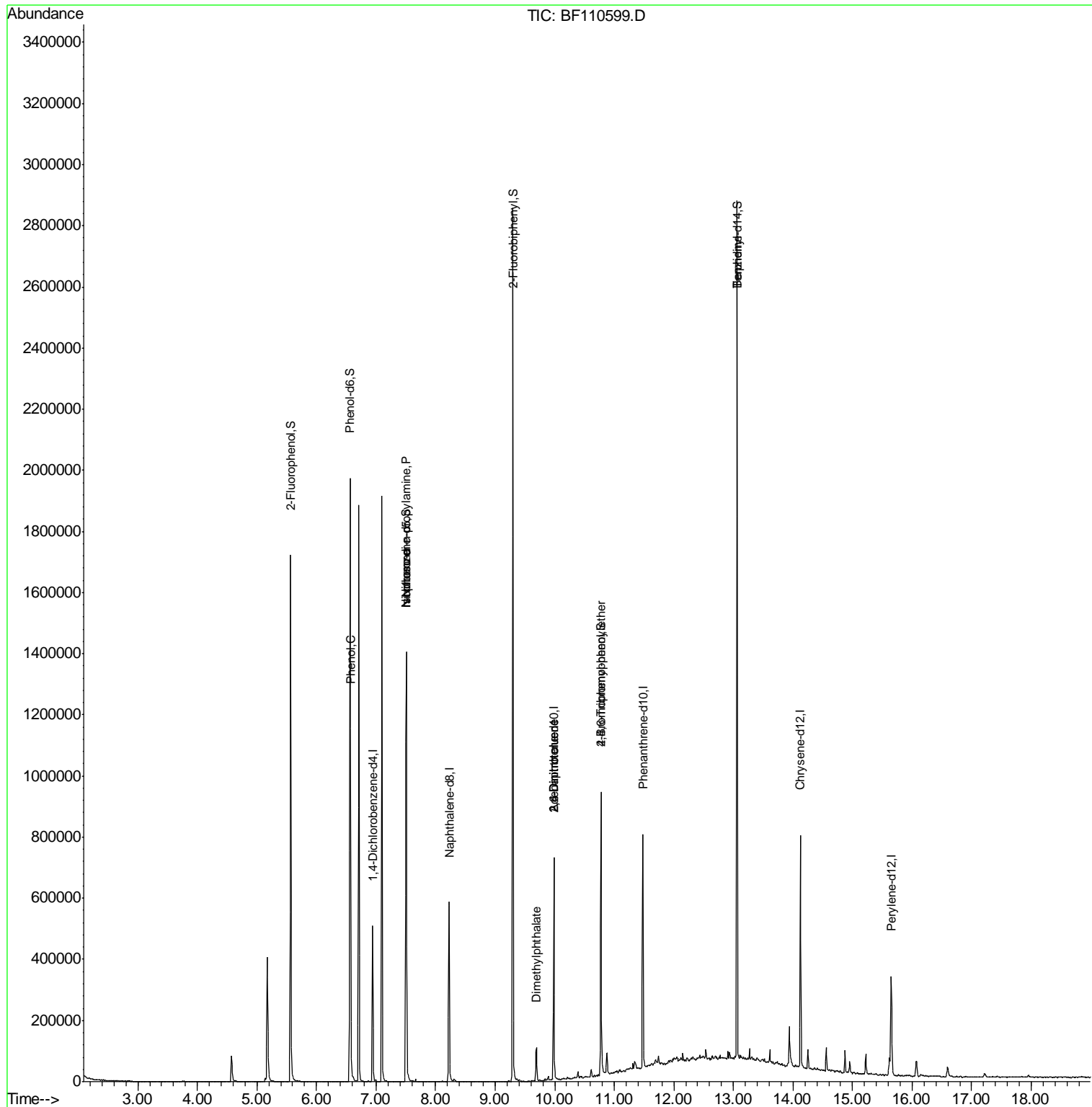
	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.57	77	1324	Below Cal		# 1
10) Phenol	6.58	94	24465	3.33	ng	# 67
19) n-Nitroso-di-n-propylamine	7.51	70	63755	15.75	ng	# 78
25) Isophorone	7.51	82	483963	52.61	ng	# 67
50) Dimethylphthalate	9.69	163	50454	4.34	ng	99
51) 2,6-Dinitrotoluene	9.99	165	19797	7.75	ng	# 21
57) 2,4-Dinitrotoluene	9.99	165	19797	5.96	ng	# 17
67) 4-Bromophenyl-phenylether	10.77	248	6804	2.00	ng	# 1
77) Benzidine	13.06	184	13718	2.08	ng	97

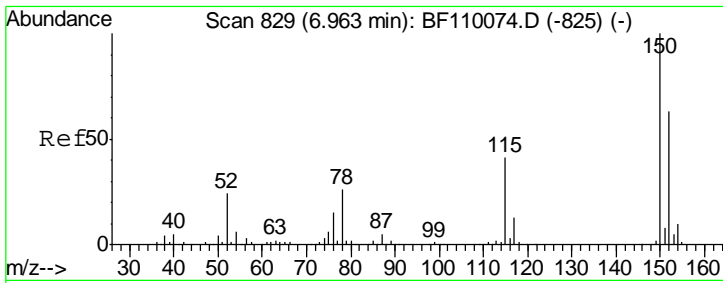
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 09 08:42:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
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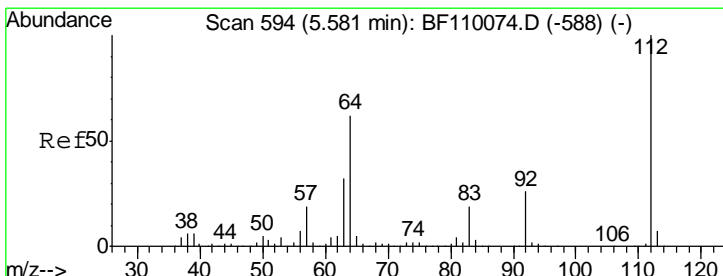
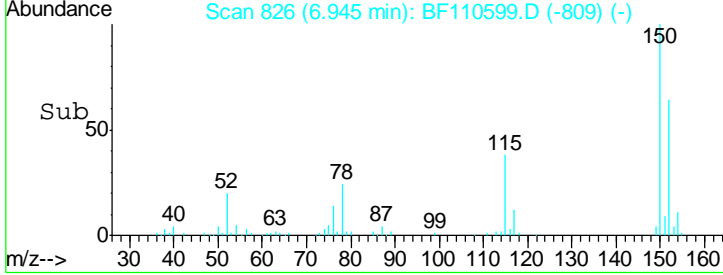
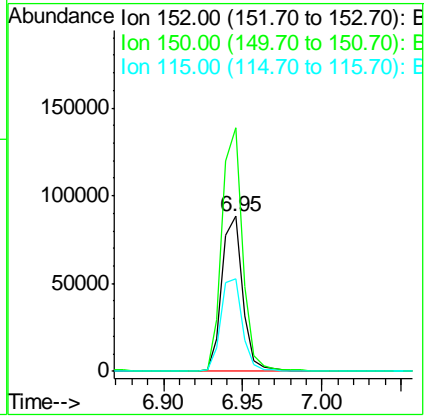
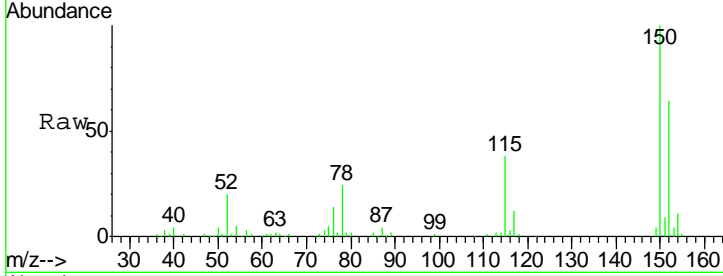


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110599.D
 Acq: 8 Nov 2018 21:47

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:152 Resp: 80570

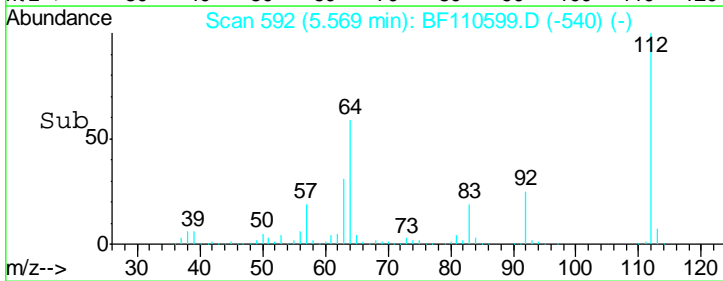
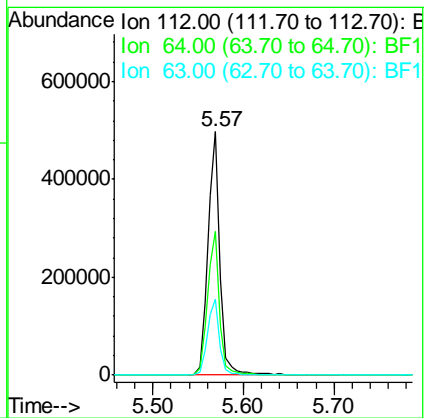
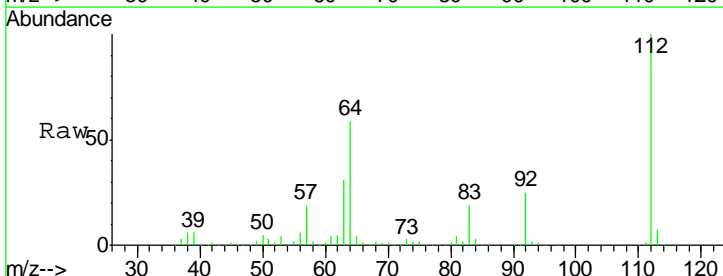
Ion	Ratio	Lower	Upper
152	100		
150	157.4	122.7	184.1
115	60.0	49.1	73.7

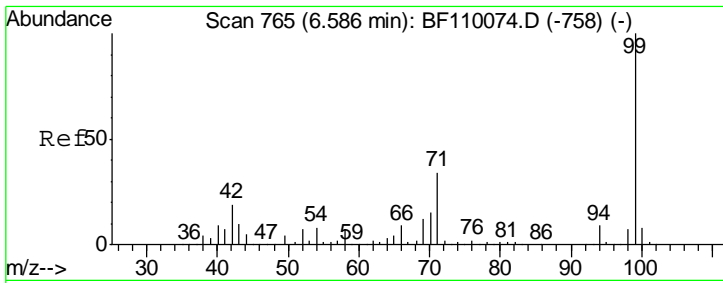


#5
 2-Fluorophenol
 Concen: 94.78 ng
 RT: 5.57 min Scan# 592
 Delta R.T. 0.01 min
 Lab File: BF110599.D
 Acq: 8 Nov 2018 21:47

Tgt Ion:112 Resp: 470148

Ion	Ratio	Lower	Upper
112	100		
64	59.1	44.1	66.1
63	31.3	23.7	35.5

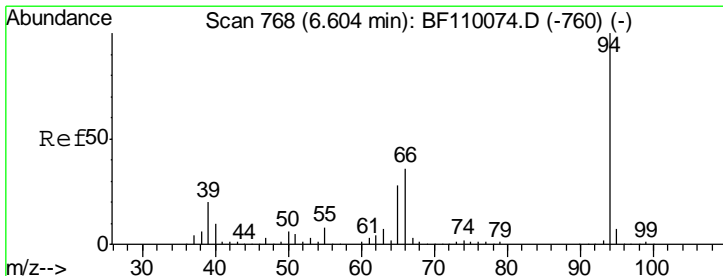
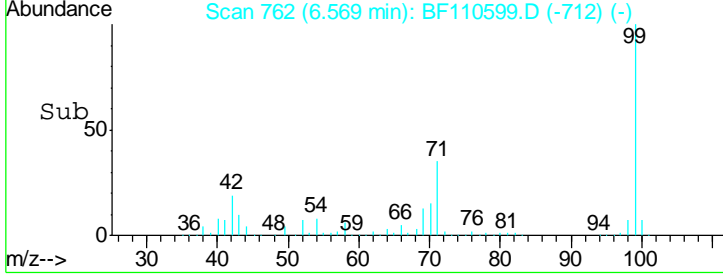
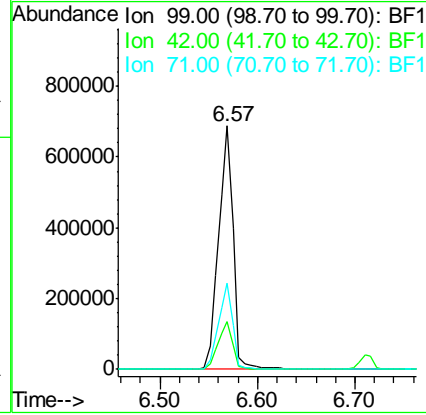
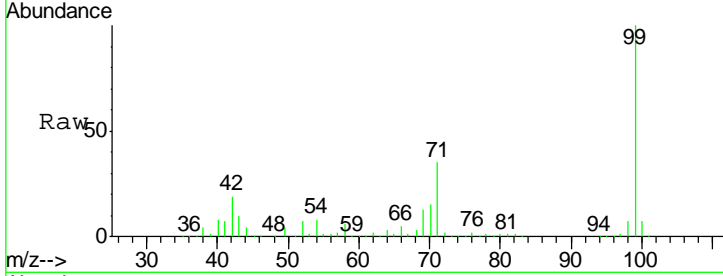




#7
 Phenol-d6
 Concen: 112.58 ng
 RT: 6.57 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF110599.D
 Acq: 8 Nov 2018 21:47

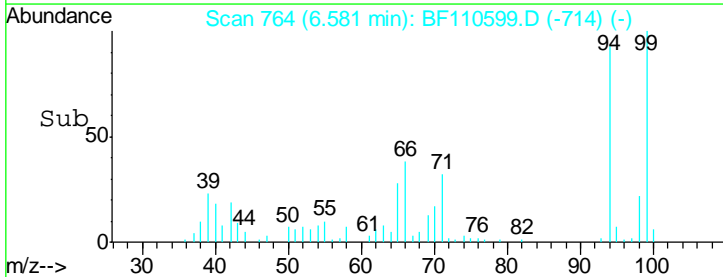
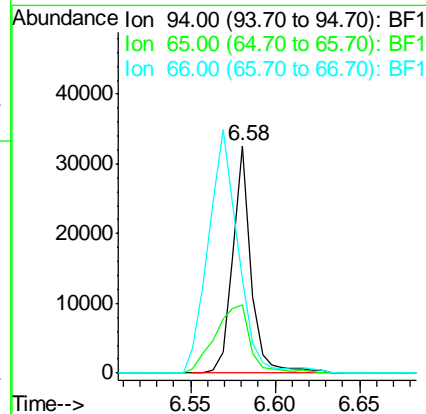
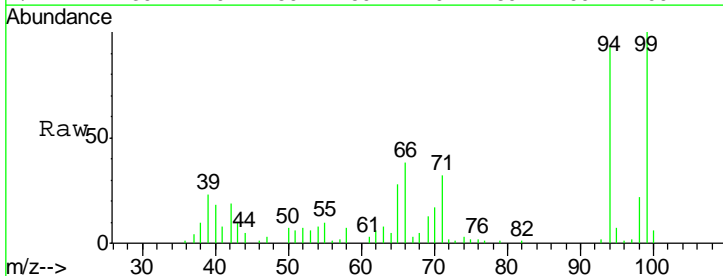
Instrument :
 BNA_F
 ClientSampled :

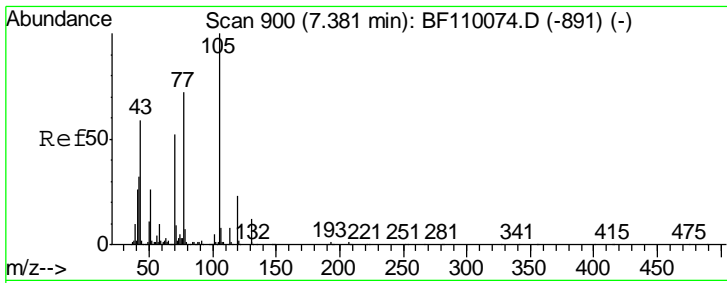
Tgt Ion	Resp	Lower	Upper
99	714105		
42	19.5	15.8	23.6
71	35.2	28.0	42.0



#10
 Phenol
 Concen: 3.33 ng
 RT: 6.58 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BF110599.D
 Acq: 8 Nov 2018 21:47

Tgt Ion	Resp	Lower	Upper
94	24465		
94	100		
65	30.1	25.3	65.3
66	41.2	54.5	94.5#

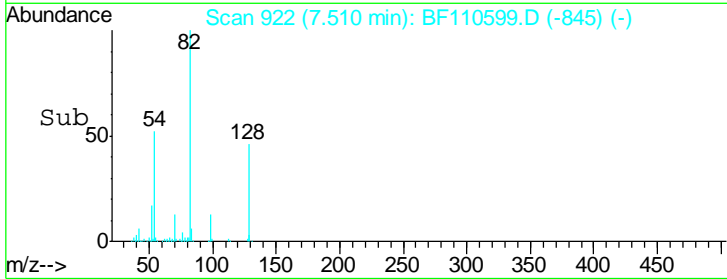
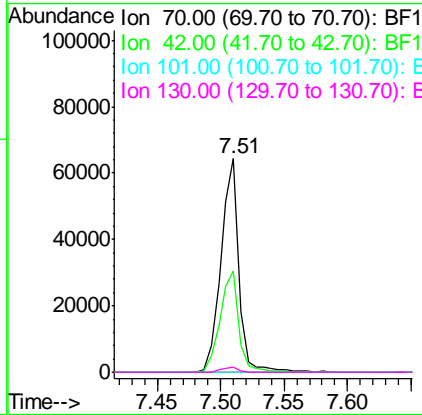
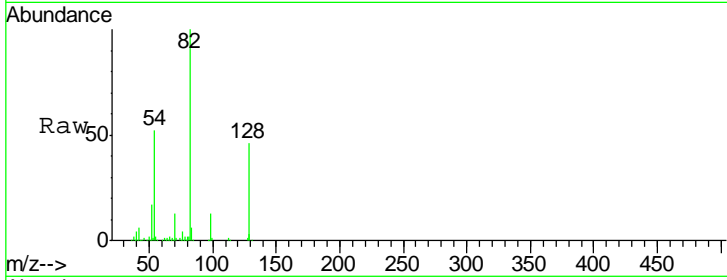




#19
 n-Nitroso-di-n-propylamine
 Concen: 15.75 ng
 RT: 7.51 min Scan# 922
 Delta R.T. 0.15 min
 Lab File: BF110599.D
 Acq: 8 Nov 2018 21:47

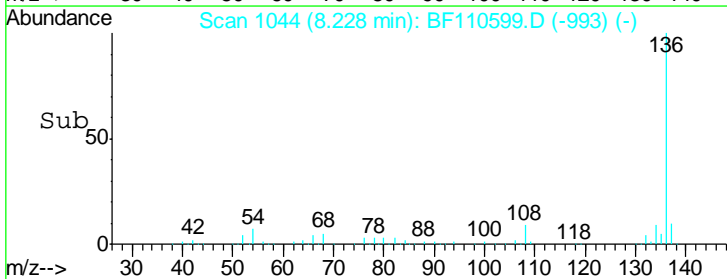
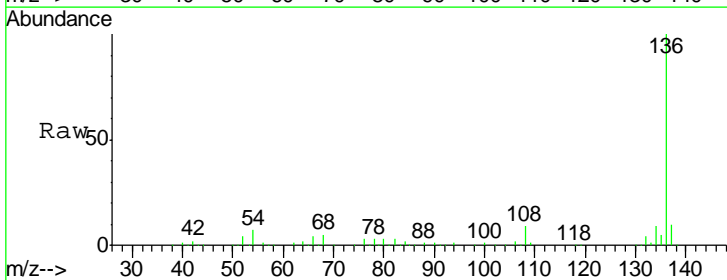
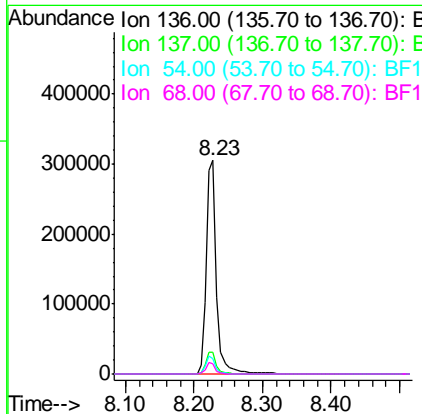
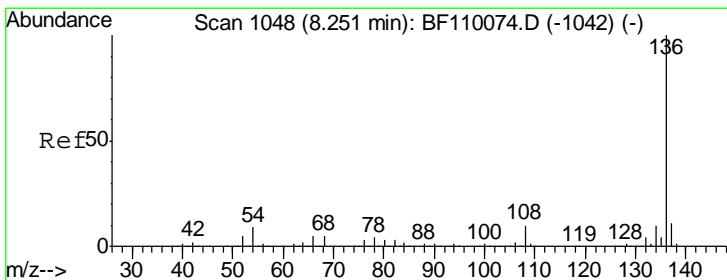
Instrument :
 BNA_F
 ClientSampled :

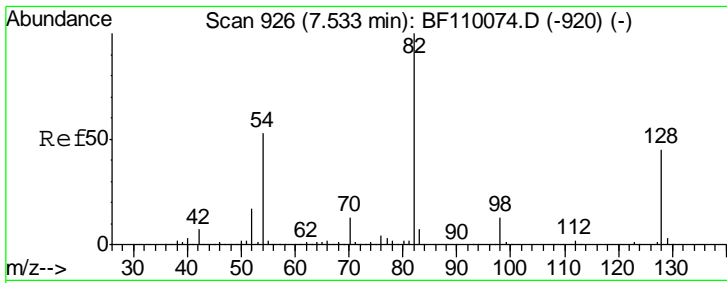
Tgt Ion	Resp	Lower	Upper
70	63755		
70	100		
42	47.6	47.4	71.2
101	0.0	7.3	10.9#
130	2.2	16.2	24.2#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.23 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF110599.D
 Acq: 8 Nov 2018 21:47

Tgt Ion	Resp	Lower	Upper
136	323253		
136	100		
137	10.3	8.8	13.2
54	7.4	5.4	8.2
68	4.5	4.2	6.2

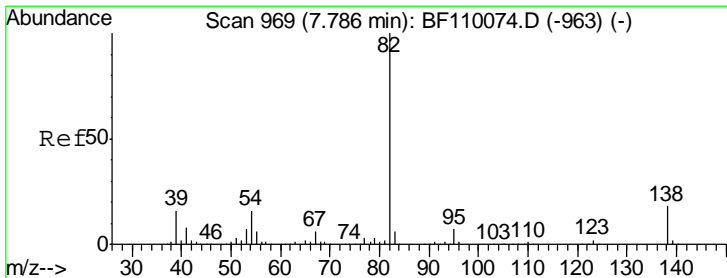
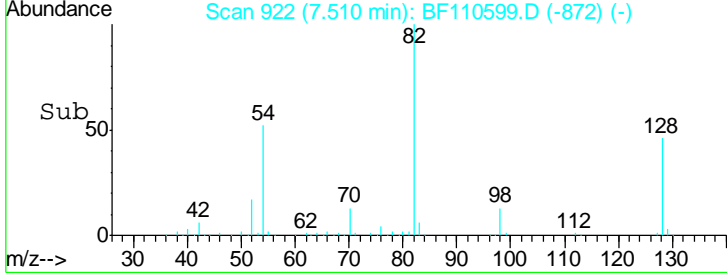
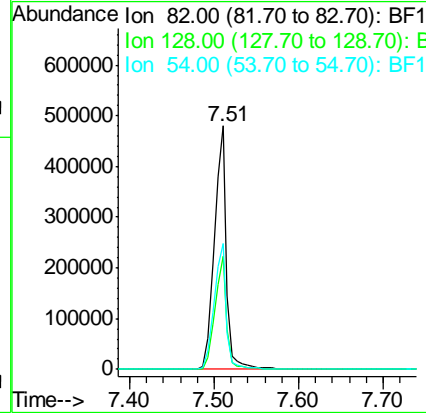
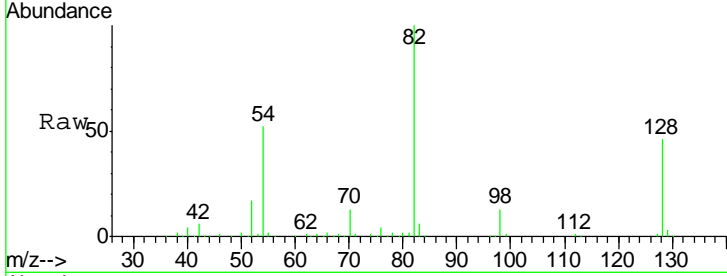




#23
 Nitrobenzene-d5
 Concen: 86.22 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110599.D
 Acq: 8 Nov 2018 21:47

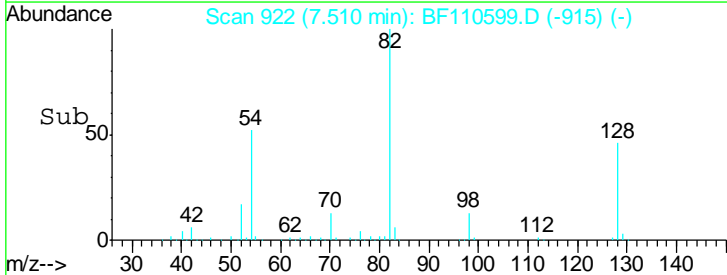
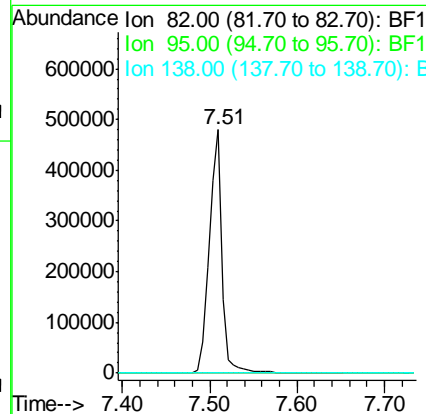
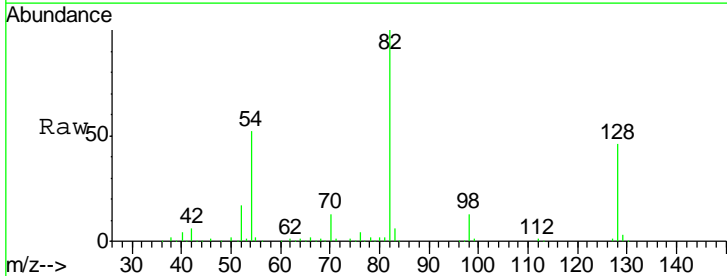
Instrument :
 BNA_F
 ClientSampled :

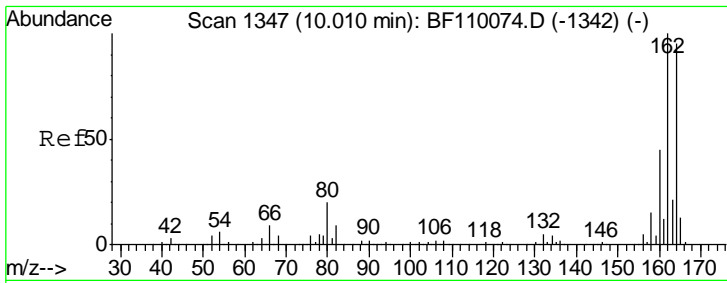
Tgt Ion	Resp	Lower	Upper
82	100		
128	46.2	34.2	51.2
54	51.6	38.6	58.0



#25
 Isophorone
 Concen: 52.61 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.26 min
 Lab File: BF110599.D
 Acq: 8 Nov 2018 21:47

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

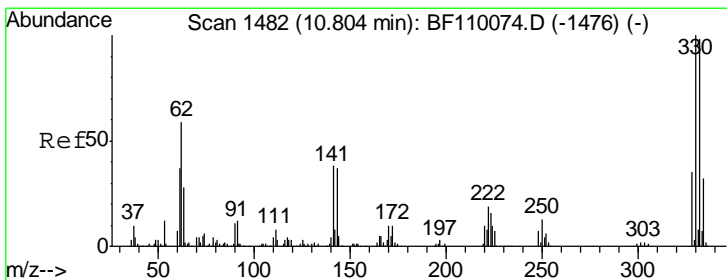
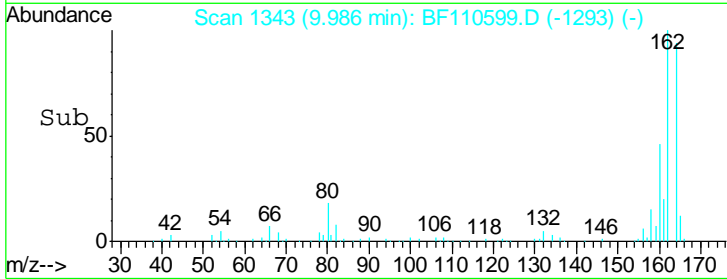
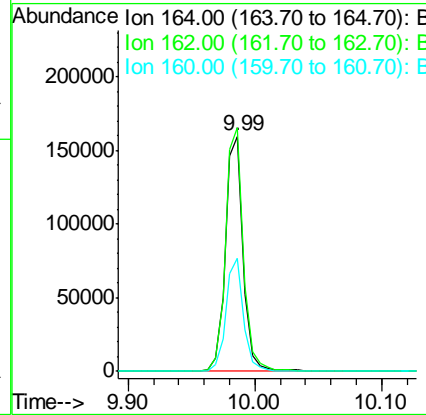
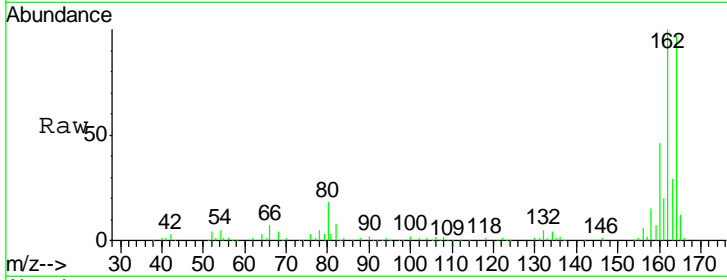




#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF110599.D
 Acq: 8 Nov 2018 21:47

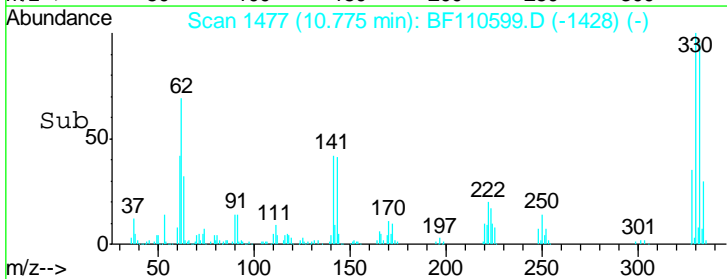
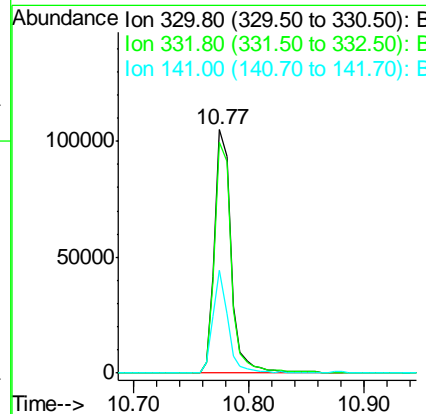
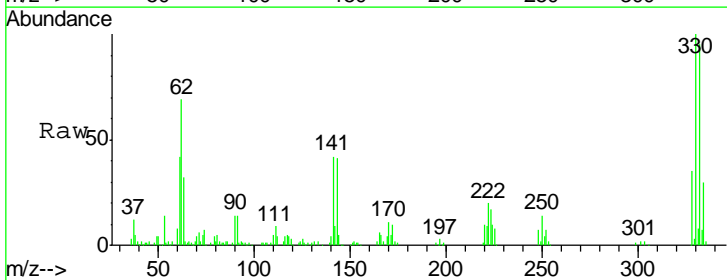
Instrument :
 BNA_F
 ClientSampled :

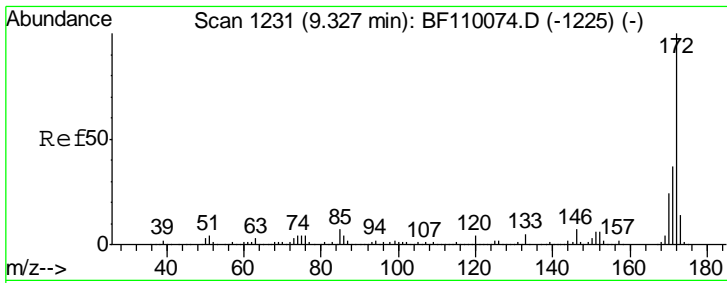
Tgt Ion	Resp	Lower	Upper
164	100		
162	103.5	83.0	124.6
160	47.9	37.0	55.6



#42
 2,4,6-Tribromophenol
 Concen: 67.45 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF110599.D
 Acq: 8 Nov 2018 21:47

Tgt Ion	Resp	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	38.7	27.0	40.4

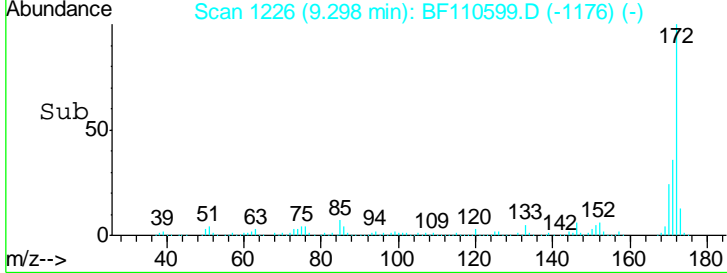
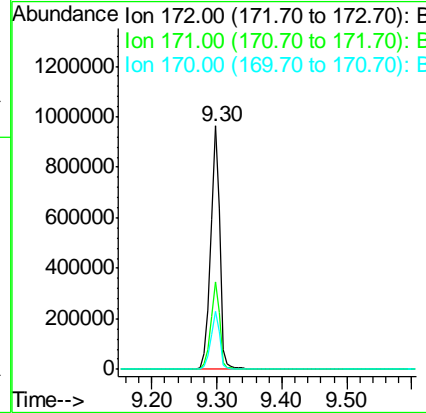
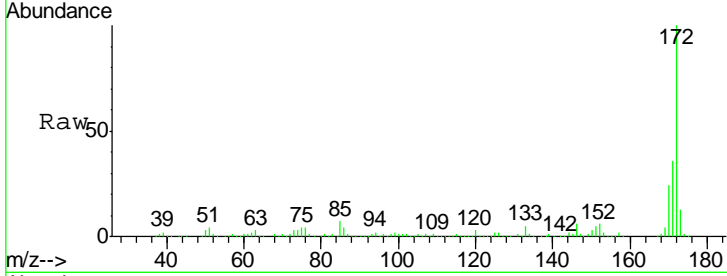




#45
 2-Fluorobiphenyl
 Concen: 85.66 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110599.D
 Acq: 8 Nov 2018 21:47

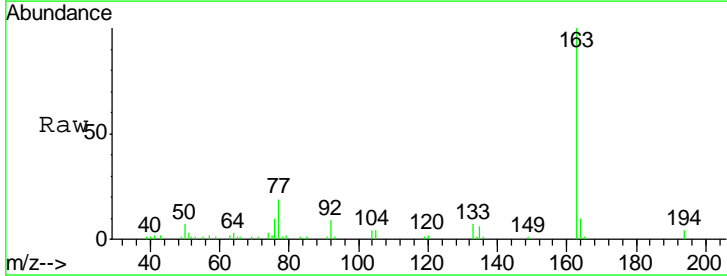
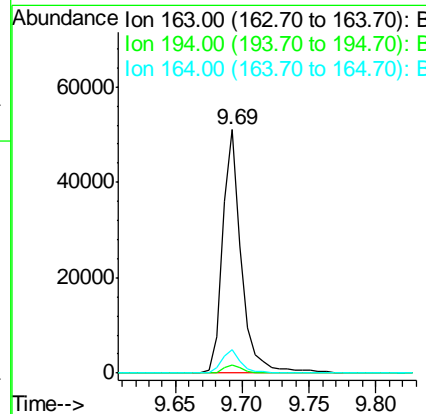
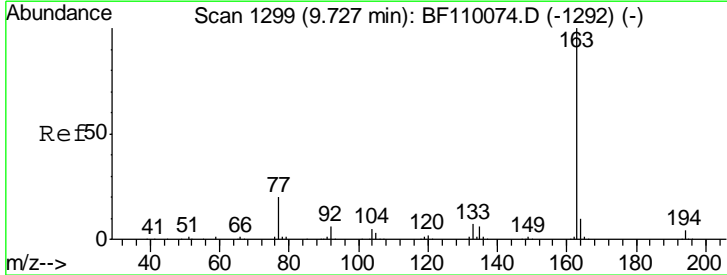
Instrument :
 BNA_F
 ClientSampled :

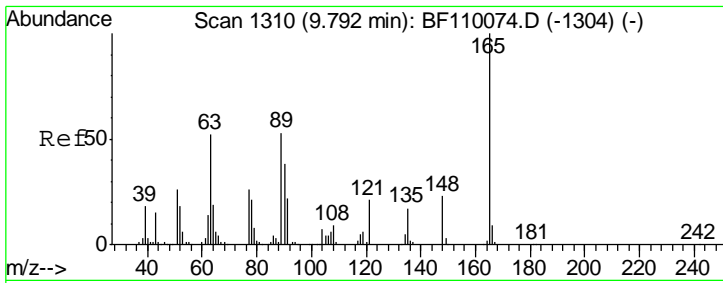
Tgt Ion	Resp	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.8	19.7	29.5



#50
 Dimethylphthalate
 Concen: 4.34 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF110599.D
 Acq: 8 Nov 2018 21:47

Tgt Ion	Resp	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	9.8	8.1	12.1

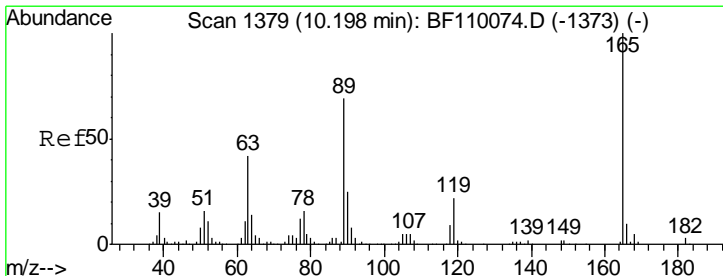
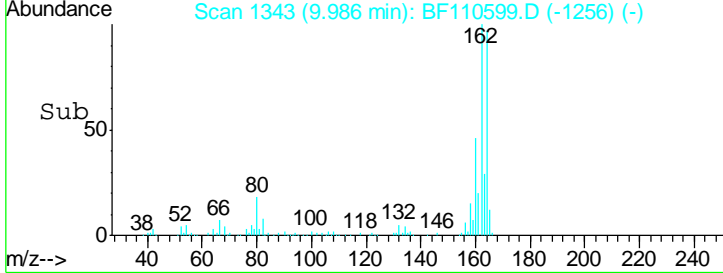
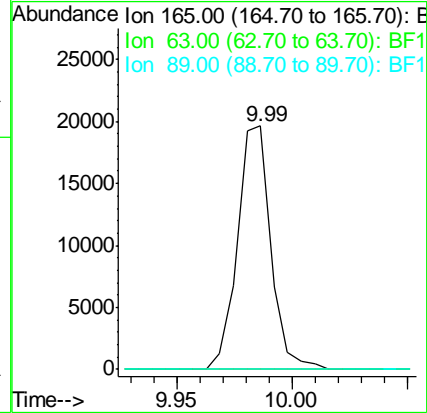
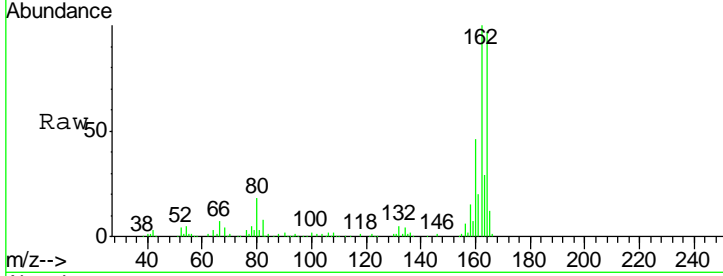




#51
 2,6-Dinitrotoluene
 Concen: 7.75 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110599.D
 Acq: 8 Nov 2018 21:47

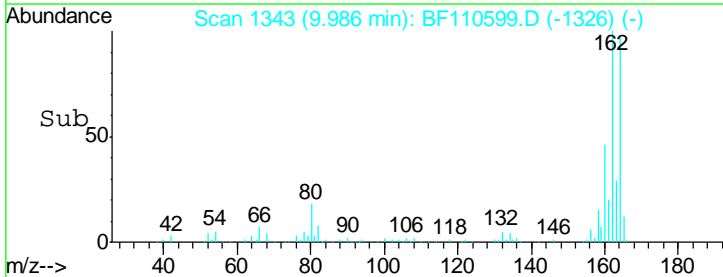
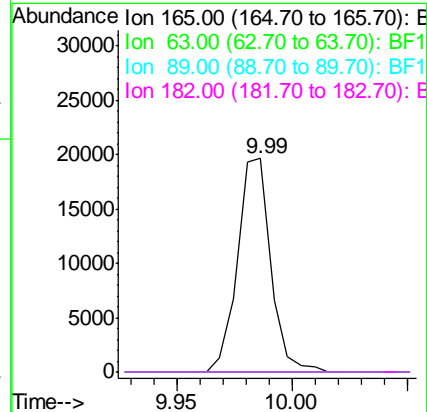
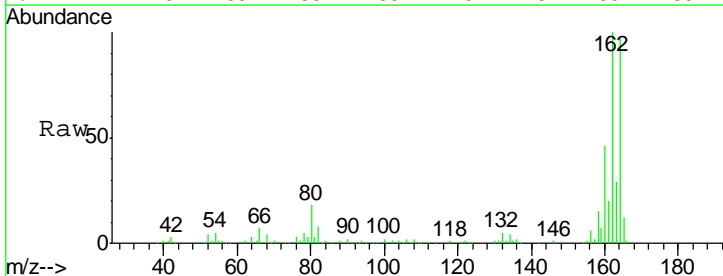
Instrument :
 BNA_F
 ClientSampled :

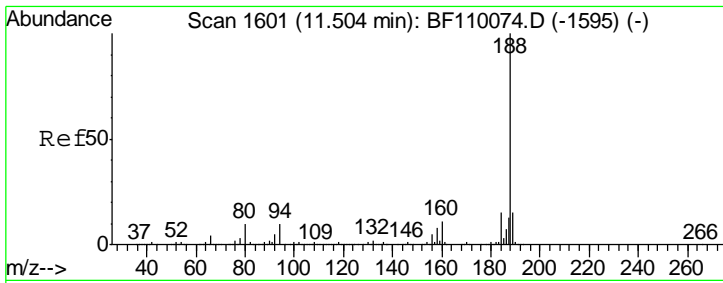
Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#



#57
 2,4-Dinitrotoluene
 Concen: 5.96 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110599.D
 Acq: 8 Nov 2018 21:47

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

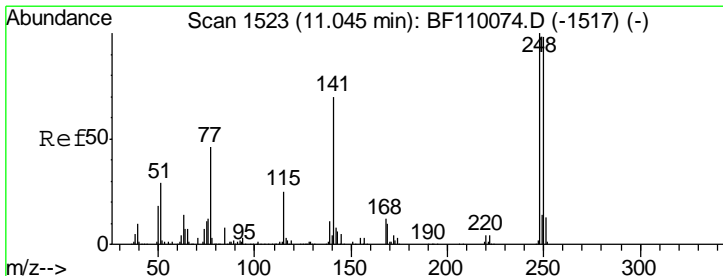
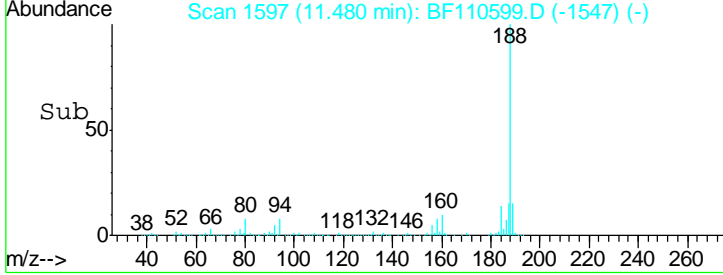
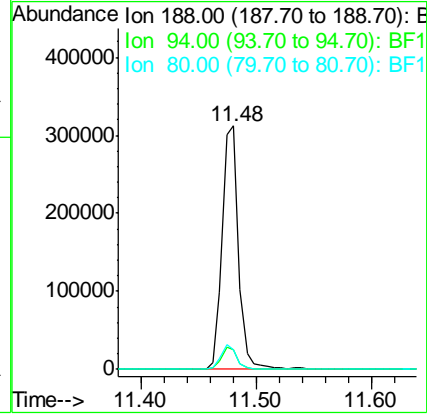
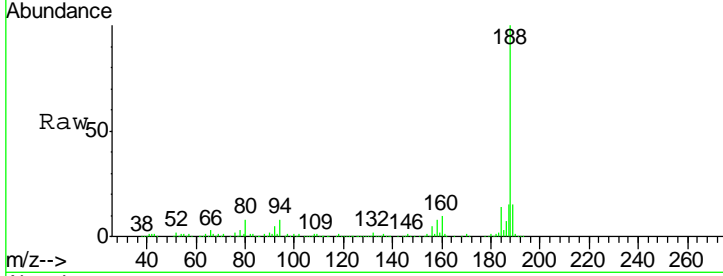




#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110599.D
 Acq: 8 Nov 2018 21:47

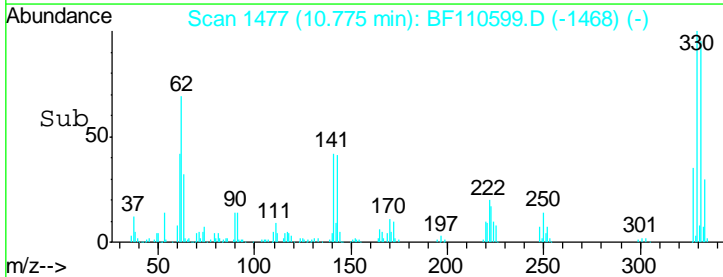
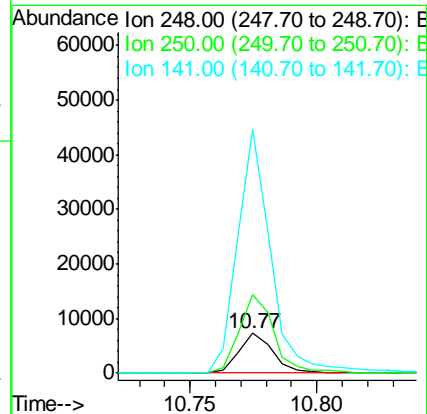
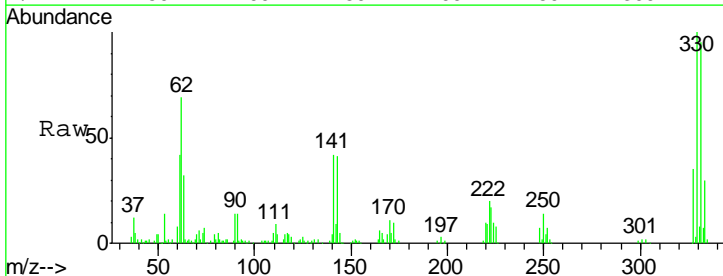
Instrument :
 BNA_F
 ClientSampled :

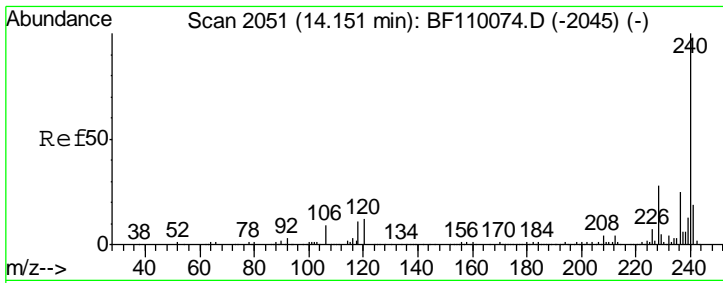
Tgt Ion	Resp	Lower	Upper
188	100		
94	7.9	7.2	10.8
80	8.3	7.9	11.9



#67
 4-Bromophenyl-phenylether
 Concen: 2.00 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.25 min
 Lab File: BF110599.D
 Acq: 8 Nov 2018 21:47

Tgt Ion	Resp	Lower	Upper
248	100		
250	196.5	79.4	119.2#
141	612.5	55.9	83.9#

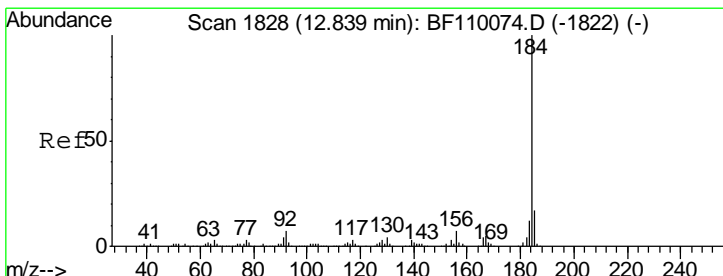
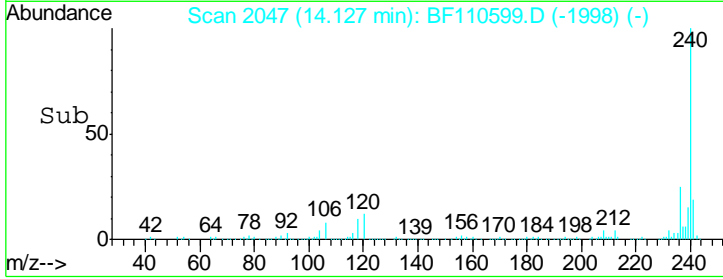
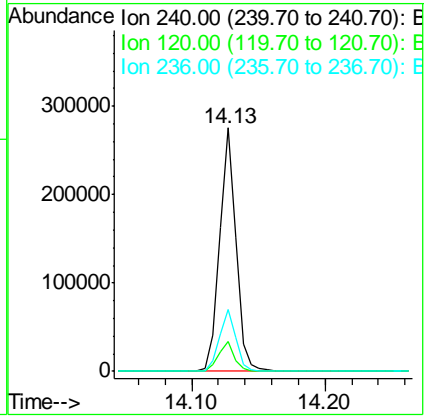
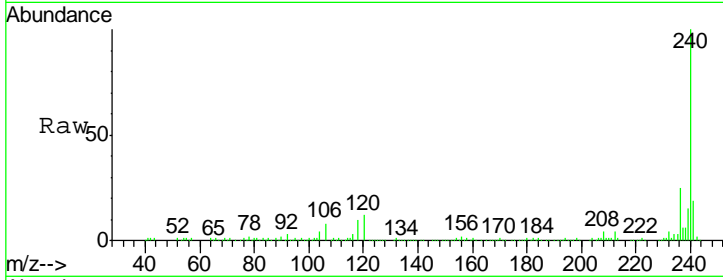




#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF110599.D
 Acq: 8 Nov 2018 21:47

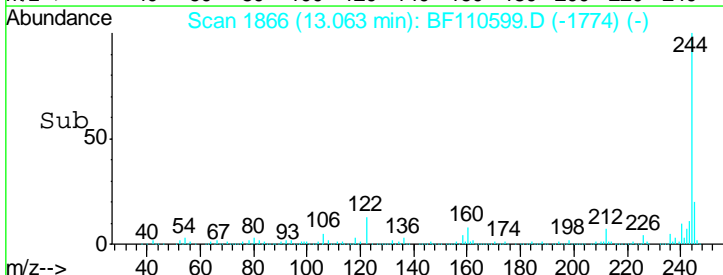
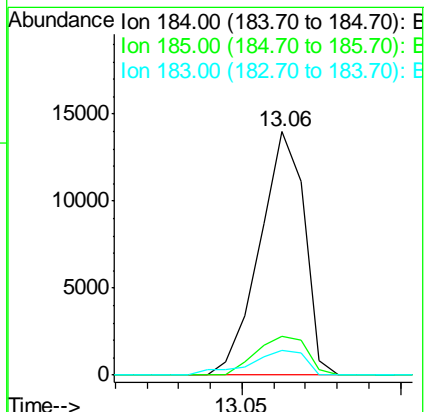
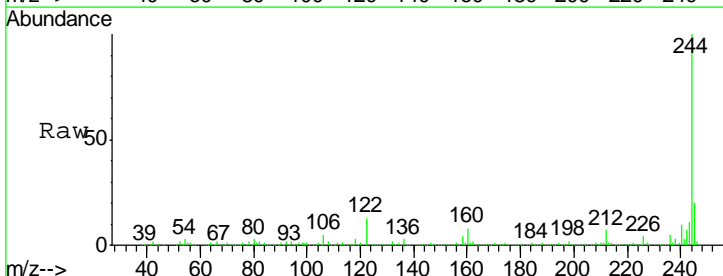
Instrument :
 BNA_F
 ClientSampled :

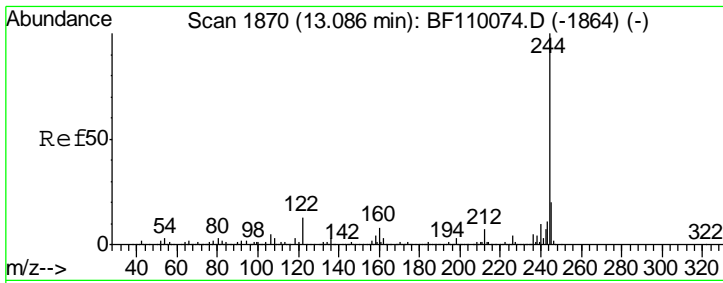
Tgt Ion	Resp	Lower	Upper
240	240318		
240	100		
120	12.0	8.3	12.5
236	25.3	21.2	31.8



#77
 Benzidine
 Concen: 2.08 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. 0.24 min
 Lab File: BF110599.D
 Acq: 8 Nov 2018 21:47

Tgt Ion	Resp	Lower	Upper
184	13718		
184	100		
185	16.2	13.4	20.2
183	9.9	9.4	14.2



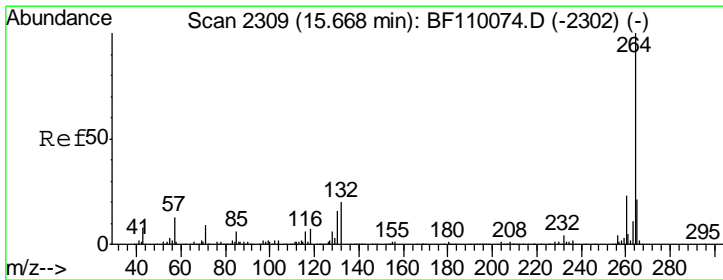
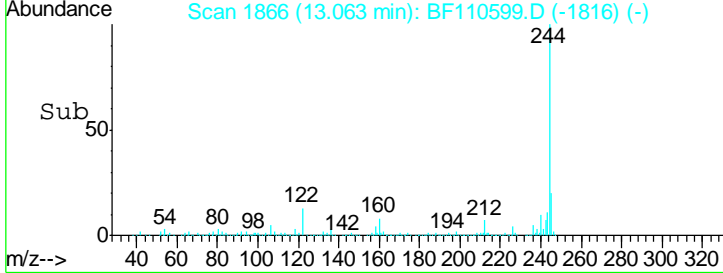
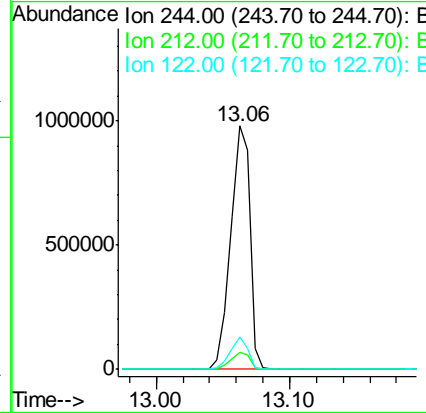
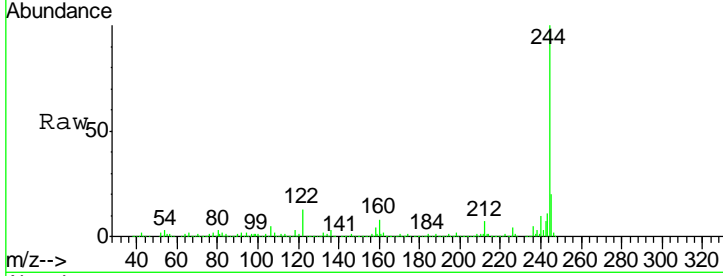


#79
 Terphenyl-d14
 Concen: 78.09 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110599.D
 Acq: 8 Nov 2018 21:47

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion: 244 Resp: 1002087

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	13.4	8.7	13.1#



#87
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.65 min Scan# 2306
 Delta R.T. -0.01 min
 Lab File: BF110599.D
 Acq: 8 Nov 2018 21:47

Tgt Ion: 264 Resp: 165467

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.7	28.1
265	22.0	16.7	25.1

