

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062216\
 Data File : BF088250.D
 Acq On : 22 Jun 2016 15:27
 Operator : UM/SJ
 Sample : H3514-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(4-4.5)

Quant Time: Jun 22 16:03:58 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	74847	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	315677	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	151456	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	276715	20.00	ng	0.00
75) Chrysene-d12	13.75	240	250092	20.00	ng	0.00
86) Perylene-d12	15.11	264	195843	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	603001	137.73	ng	0.01
7) Phenol-d6	6.26	99	733083	138.16	ng	0.00
23) Nitrobenzene-d5	7.18	82	480651	88.91	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	190412	119.07	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	837032	86.94	ng	0.00
78) Terphenyl-d14	12.70	244	675276	61.44	ng	0.00

Target Compounds

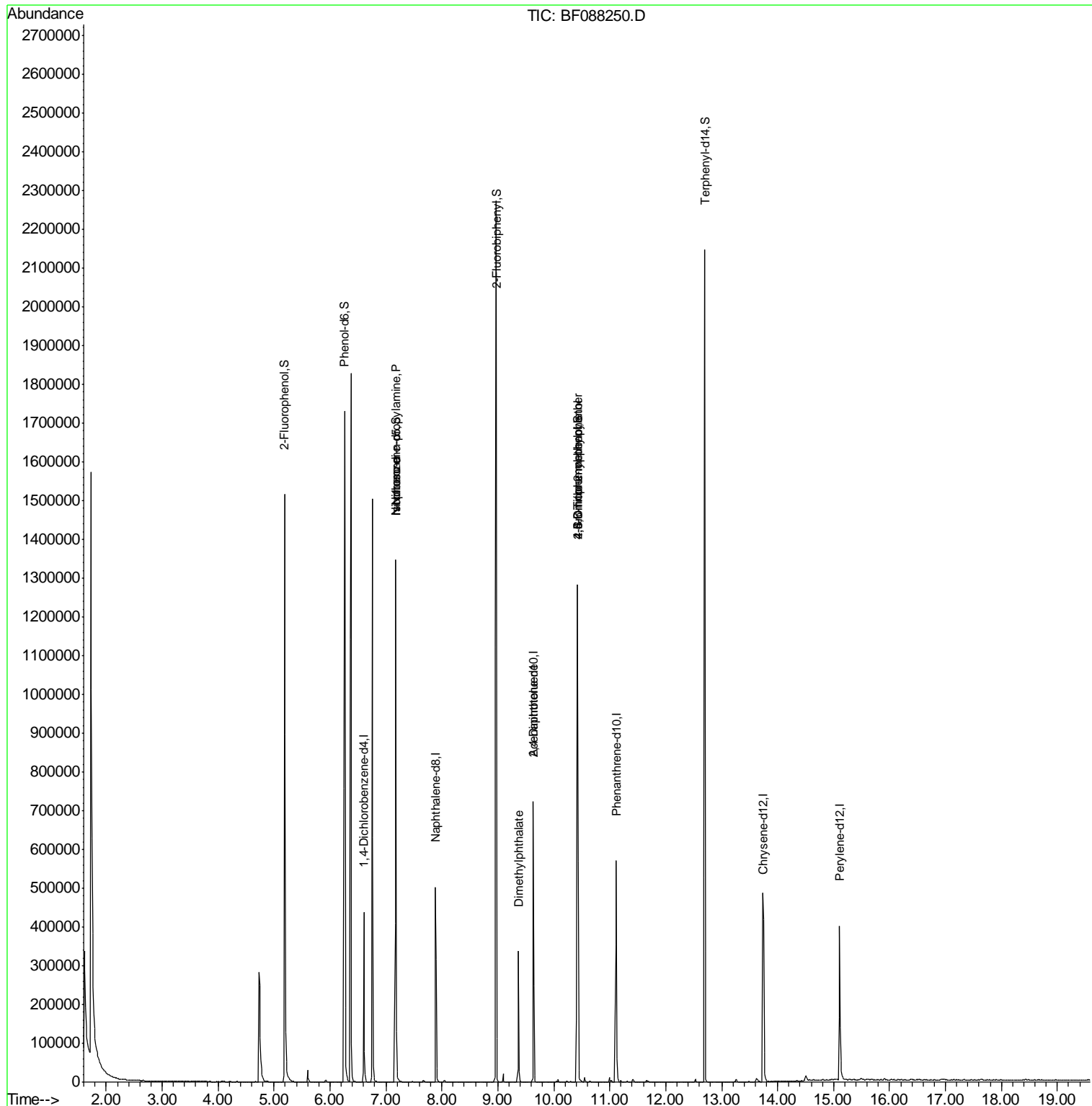
						Qvalue
10) Phenol	6.27	94	2157	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.18	70	62174	18.32	ng	# 69
25) Isophorone	7.18	82	480641	48.00	ng	# 65
45) 1,1'-Biphenyl	8.97	154	1624	Below Cal	#	1
49) Dimethylphthalate	9.37	163	140371	12.79	ng	99
56) 2,4-Dinitrotoluene	9.63	165	19205	5.95	ng	# 36
57) Fluorene	10.42	166	8232	Below Cal	#	91
64) 4,6-Dinitro-2-methylphenol	10.42	198	283	2.32	ng	# 1
66) 4-Bromophenyl-phenylether	10.42	248	11577	3.90	ng	# 1

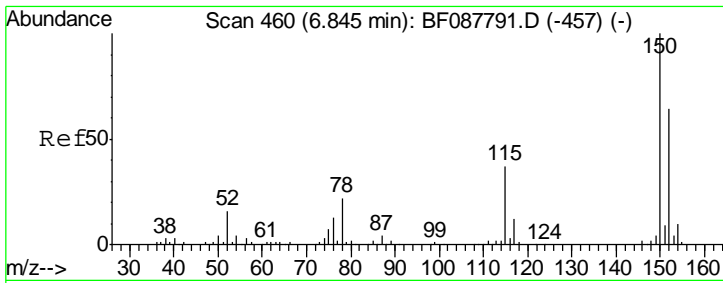
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062216\
 Data File : BF088250.D
 Acq On : 22 Jun 2016 15:27
 Operator : UM/SJ
 Sample : H3514-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(4-4.5)

Quant Time: Jun 22 16:03:58 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

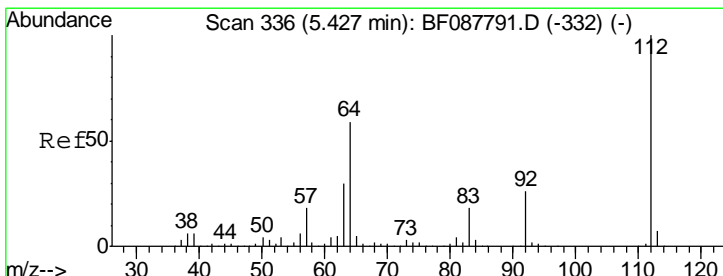
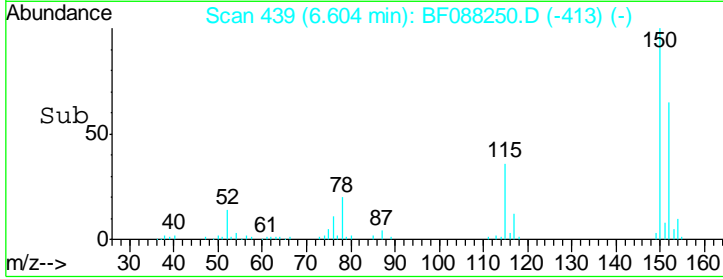
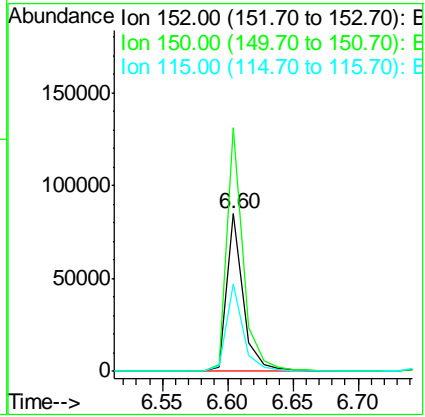
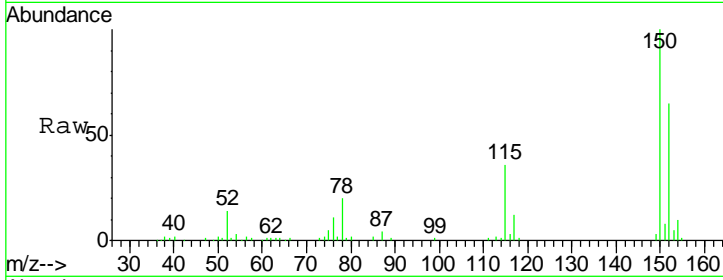




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.60 min Scan# 439
 Delta R.T. 0.00 min
 Lab File: BF088250.D
 Acq: 22 Jun 2016 15:27

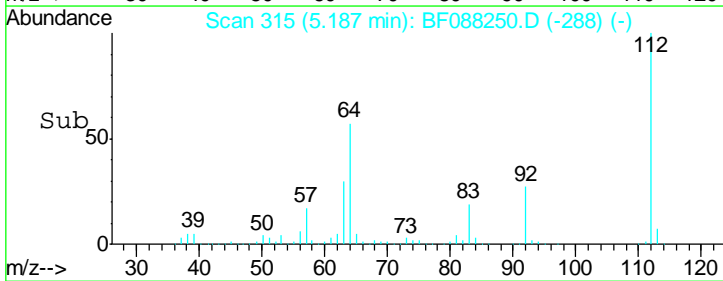
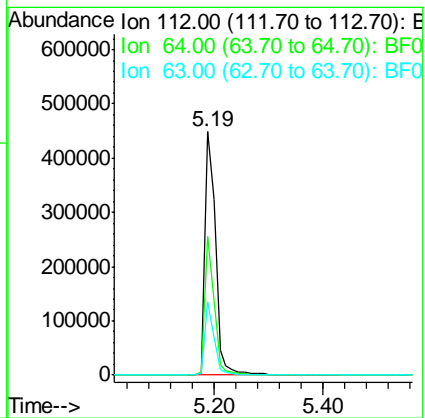
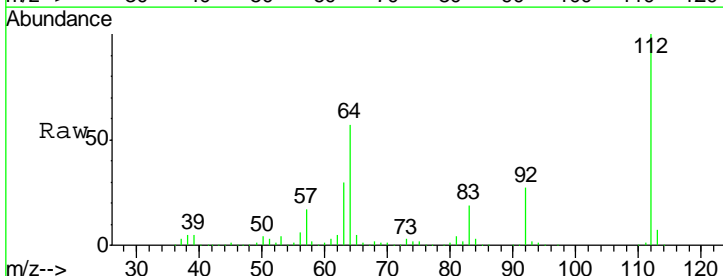
Instrument :
 BNA_F
ClientSampled :
 SB-4(4-4.5)

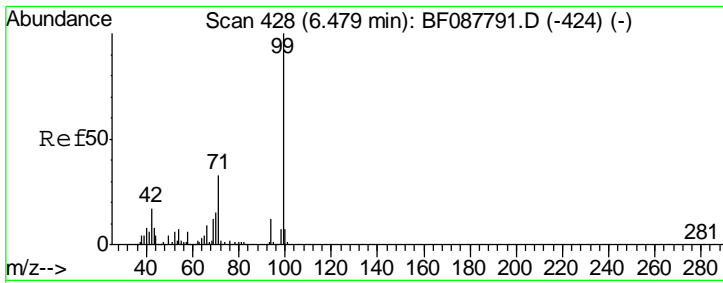
Tgt Ion	Resp	Lower	Upper
152	74847		
150	154.4	123.8	185.6
115	55.5	39.6	59.4



#5
 2-Fluorophenol
 Concen: 137.73 ng
 RT: 5.19 min Scan# 315
 Delta R.T. 0.01 min
 Lab File: BF088250.D
 Acq: 22 Jun 2016 15:27

Tgt Ion	Resp	Lower	Upper
112	603001		
64	56.9	42.2	63.2
63	29.9	21.8	32.8

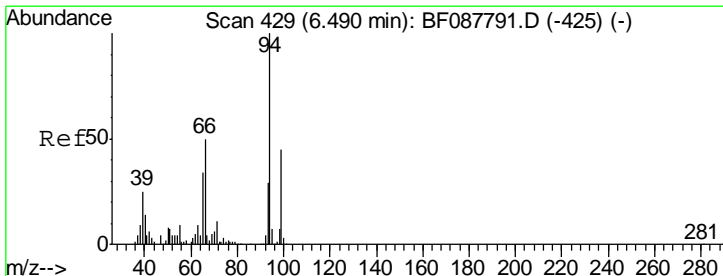
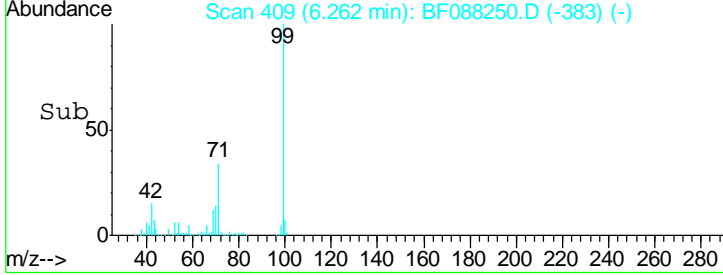
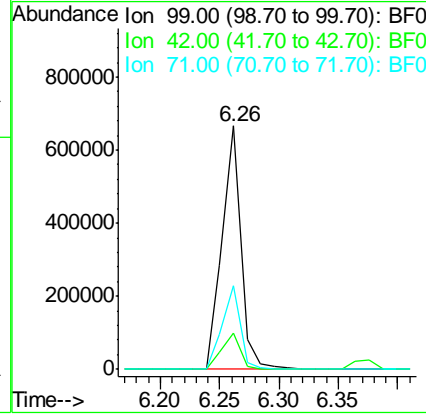
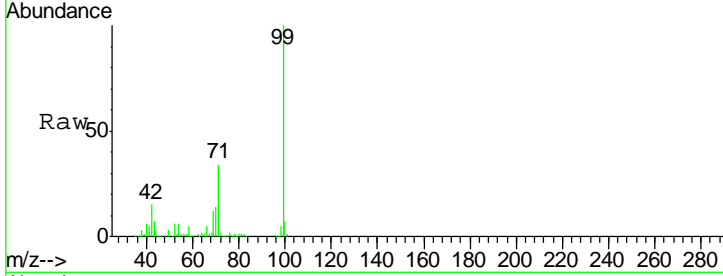




#7
 Phenol-d6
 Concen: 138.16 ng
 RT: 6.26 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: BF088250.D
 Acq: 22 Jun 2016 15:27

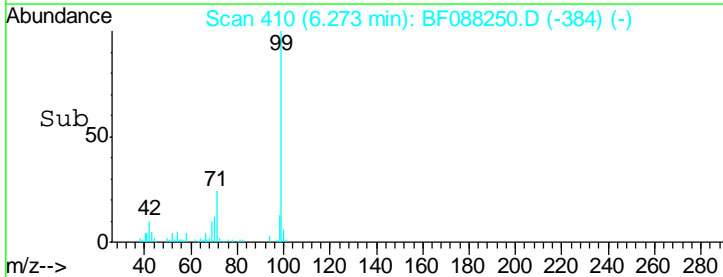
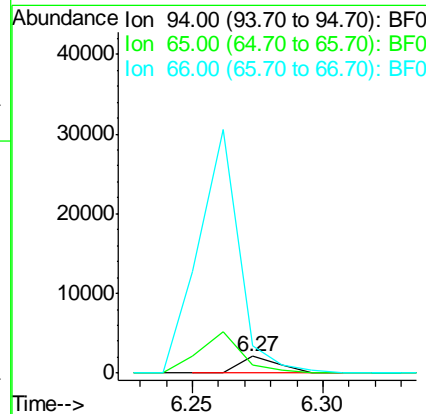
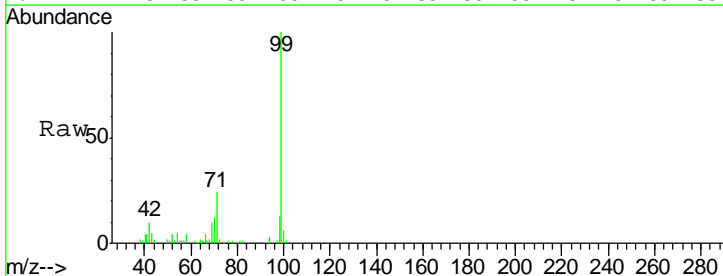
Instrument :
 BNA_F
 ClientSampled :
 SB-4(4-4.5)

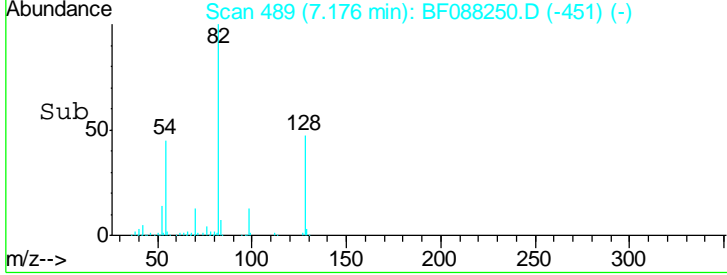
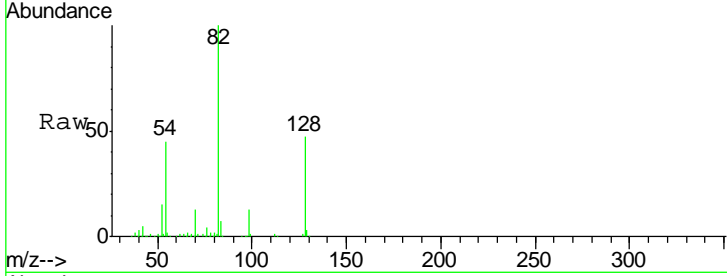
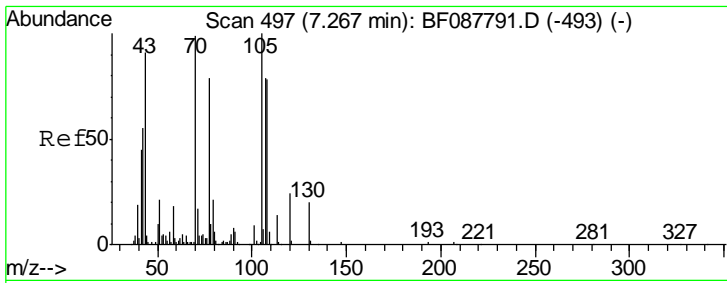
Tgt Ion	Resp	Lower	Upper
99	733083		
42	15.1	12.2	18.2
71	34.1	23.4	35.0



#10
 Phenol
 Concen: Below Cal
 RT: 6.27 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: BF088250.D
 Acq: 22 Jun 2016 15:27

Tgt Ion	Resp	Lower	Upper
94	2157		
65	50.6	5.9	45.9#
66	162.4	14.0	54.0#

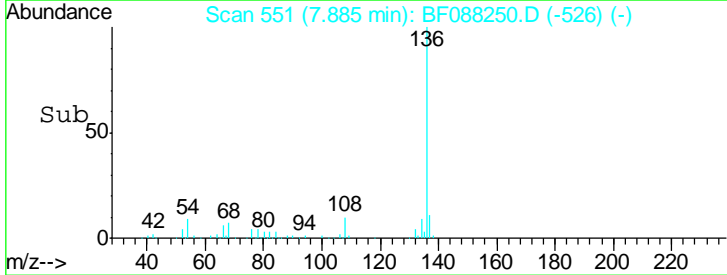
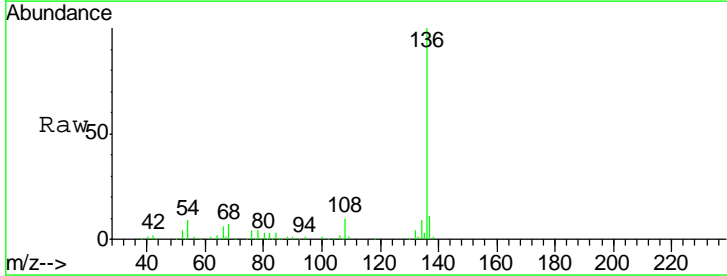
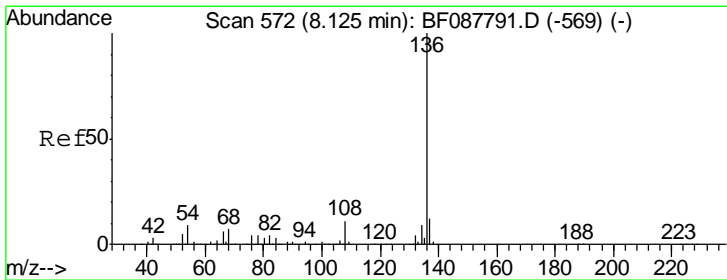
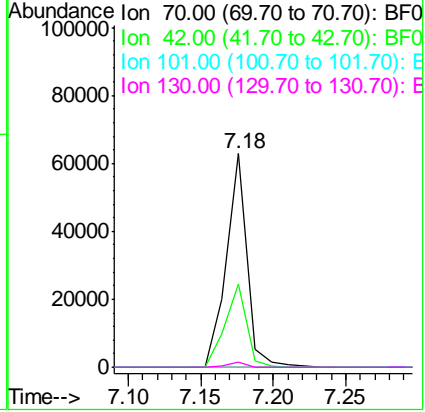




#19
 n-Nitroso-di-n-propylamine
 Concen: 18.32 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.14 min
 Lab File: BF088250.D
 Acq: 22 Jun 2016 15:27

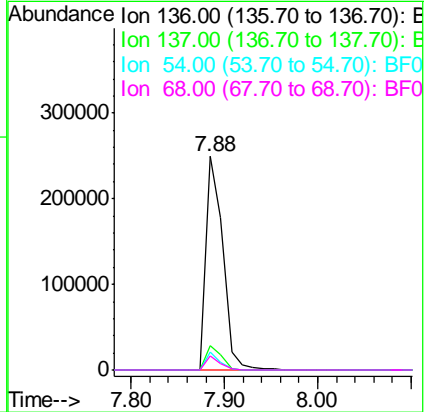
Instrument :
 BNA_F
ClientSampled :
 SB-4(4-4.5)

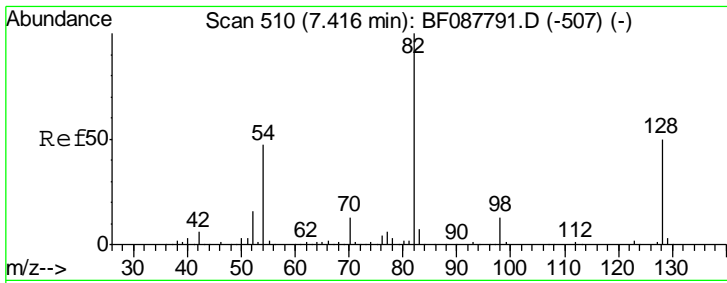
Tgt Ion	Resp	Lower	Upper
70	100		
42	39.2	49.6	74.4#
101	0.0	7.1	10.7#
130	2.5	15.4	23.2#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.88 min Scan# 551
 Delta R.T. -0.01 min
 Lab File: BF088250.D
 Acq: 22 Jun 2016 15:27

Tgt Ion	Resp	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.6	6.6	10.0
68	6.7	5.1	7.7

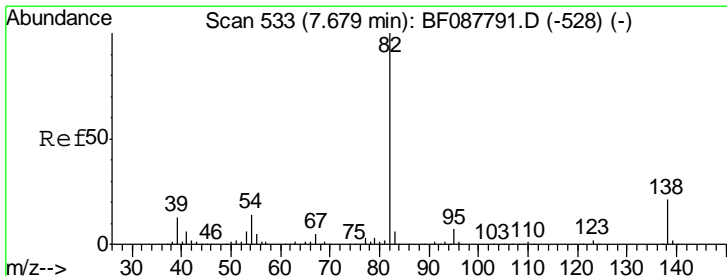
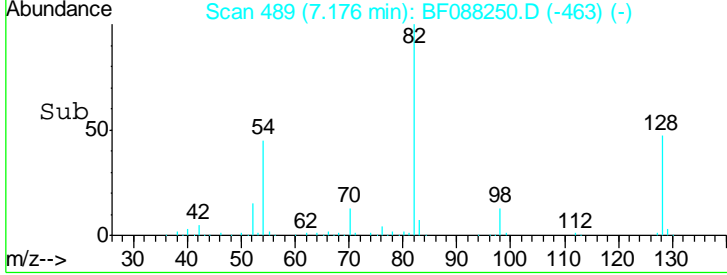
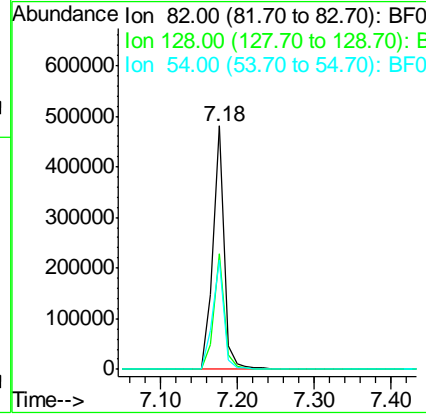
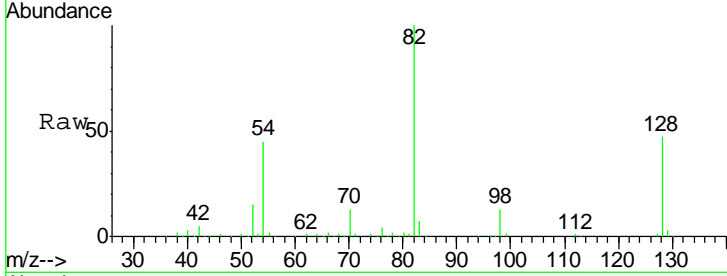




#23
 Nitrobenzene-d5
 Concen: 88.91 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF088250.D
 Acq: 22 Jun 2016 15:27

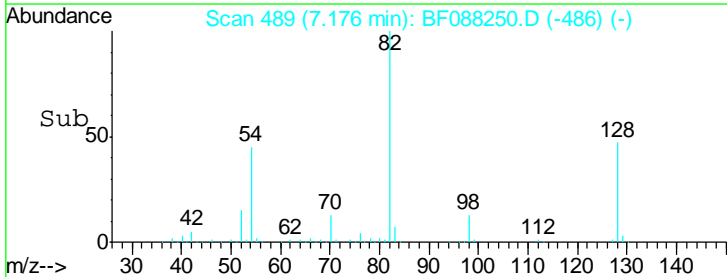
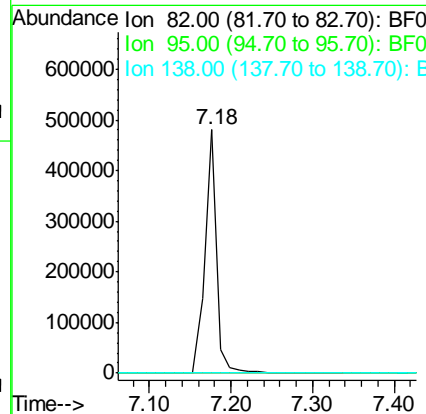
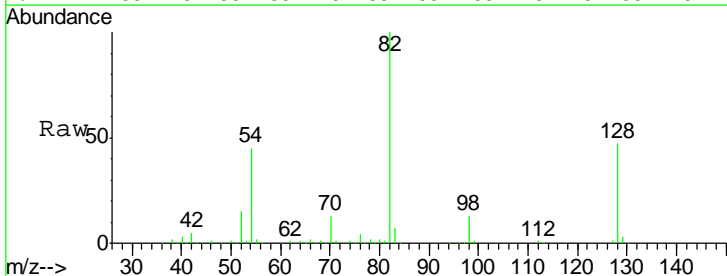
Instrument :
 BNA_F
ClientSampled :
 SB-4(4-4.5)

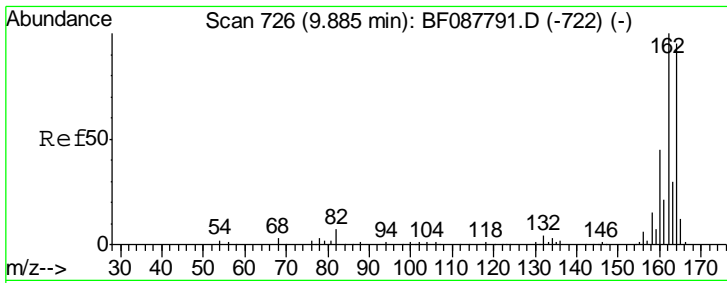
Tgt Ion	Resp	Lower	Upper
82	100		
128	47.5	35.9	53.9
54	44.9	40.9	61.3



#25
 Isophorone
 Concen: 48.00 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.26 min
 Lab File: BF088250.D
 Acq: 22 Jun 2016 15:27

Tgt Ion	Resp	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	21.8#

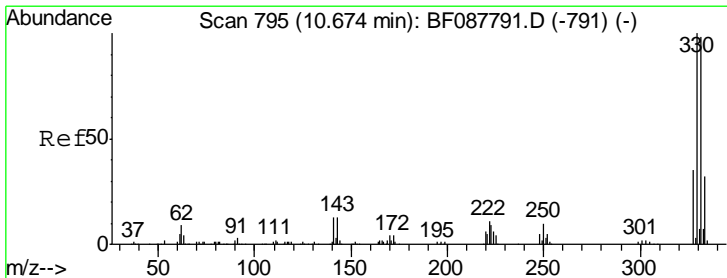
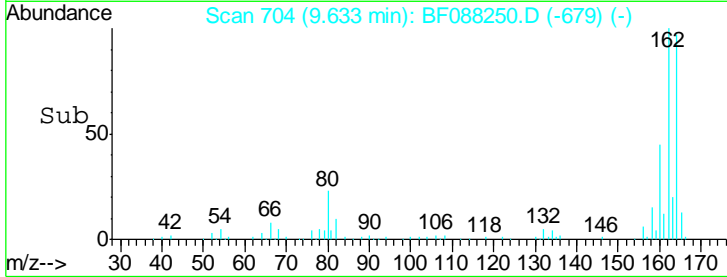
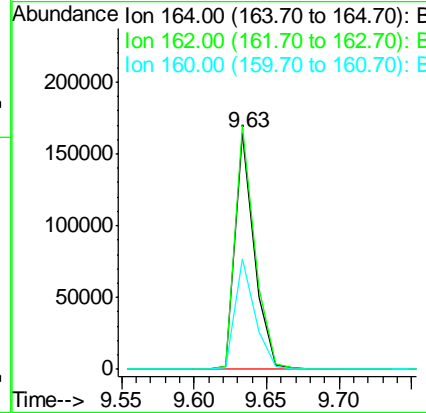
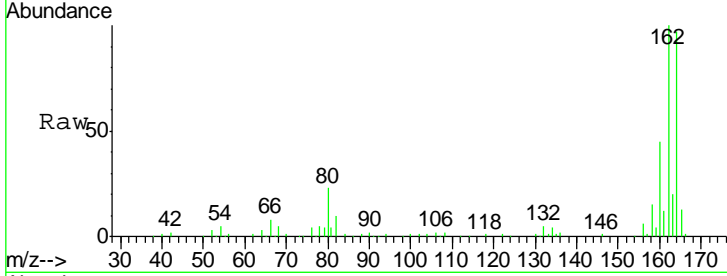




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BF088250.D
 Acq: 22 Jun 2016 15:27

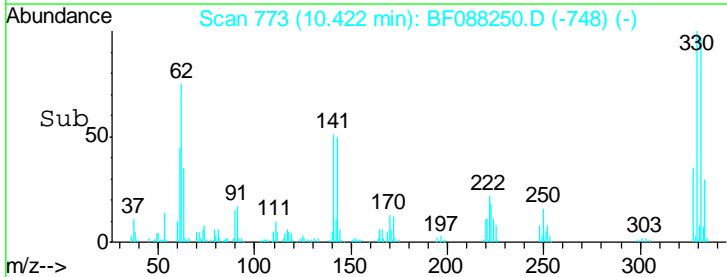
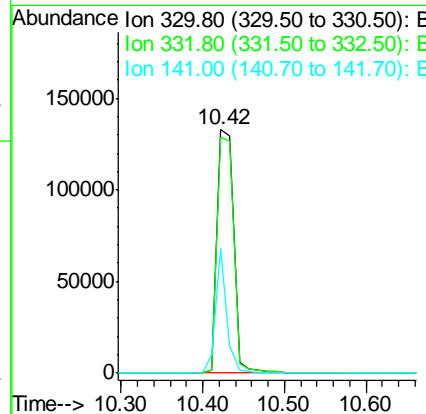
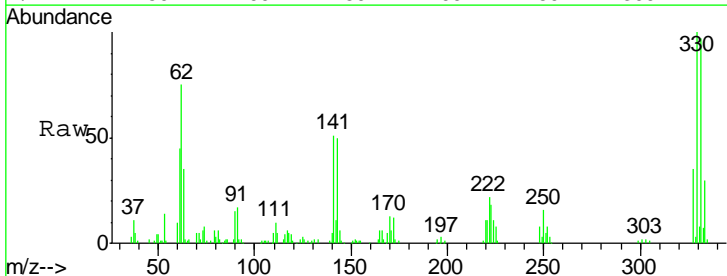
Instrument :
 BNA_F
 ClientSampled :
 SB-4(4-4.5)

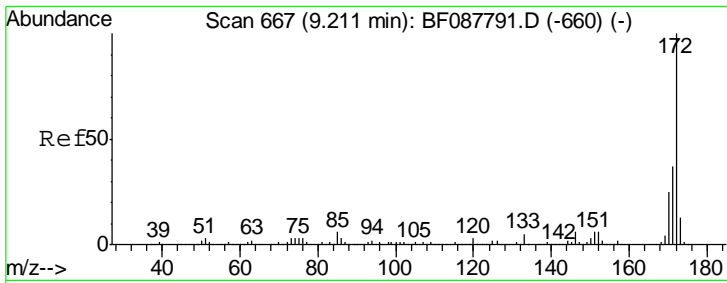
Tgt Ion	Resp	Lower	Upper
164	100		
162	102.9	85.4	128.2
160	46.5	39.5	59.3



#41
 2,4,6-Tribromophenol
 Concen: 119.07 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF088250.D
 Acq: 22 Jun 2016 15:27

Tgt Ion	Resp	Lower	Upper
330	100		
332	97.2	0.0	0.0#
141	34.3	0.0	0.0#



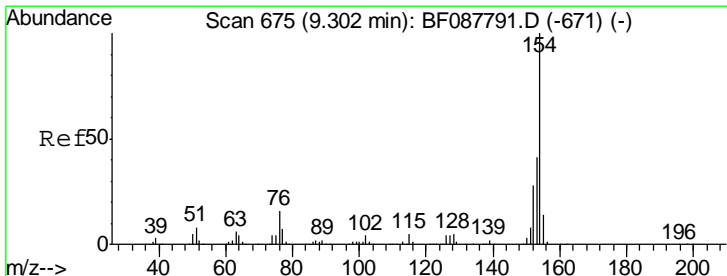
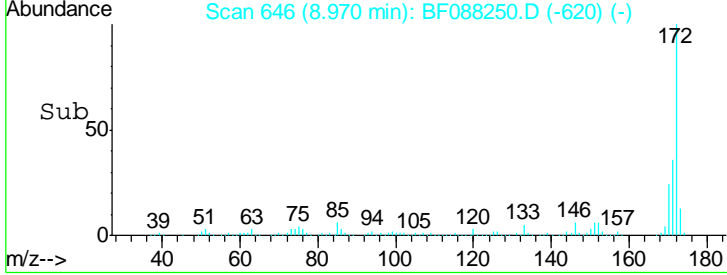
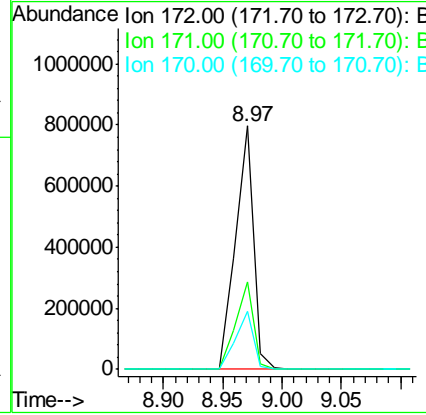
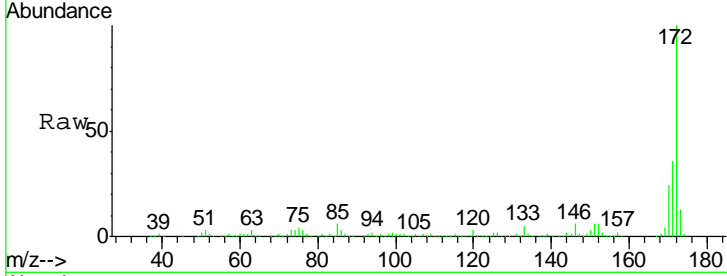


#44
 2-Fluorobiphenyl
 Concen: 86.94 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF088250.D
 Acq: 22 Jun 2016 15:27

Instrument :
 BNA_F
 ClientSampled :
 SB-4(4-4.5)

Tgt Ion:172 Resp: 837032

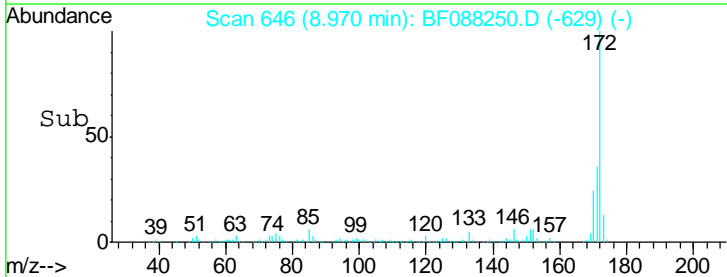
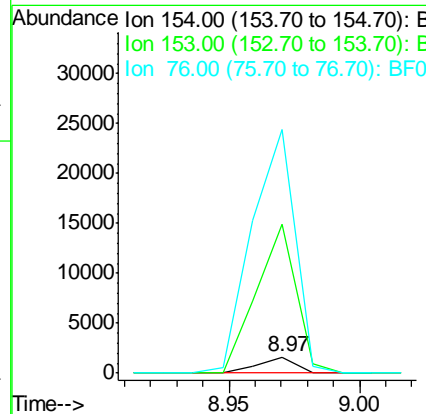
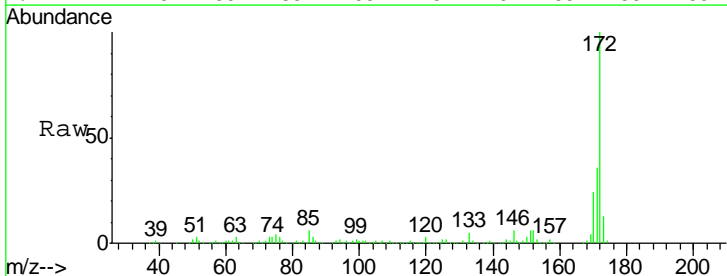
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	24.0	19.2	28.8

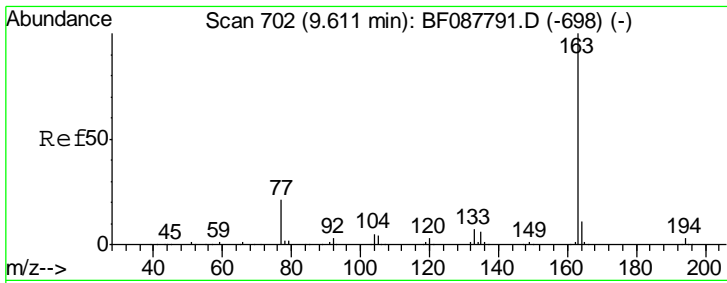


#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 8.97 min Scan# 646
 Delta R.T. -0.10 min
 Lab File: BF088250.D
 Acq: 22 Jun 2016 15:27

Tgt Ion:154 Resp: 1624

Ion	Ratio	Lower	Upper
154	100		
153	918.7	20.6	60.6#
76	1502.0	0.0	35.1#

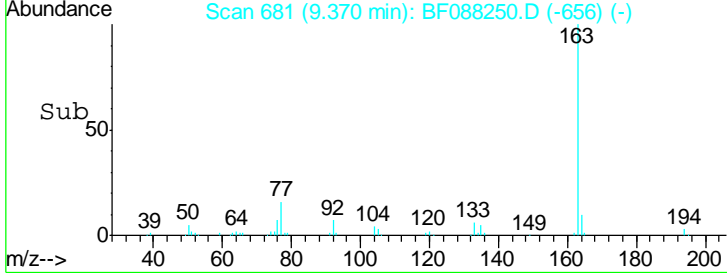
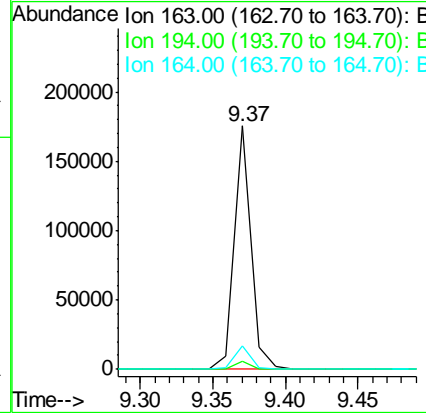
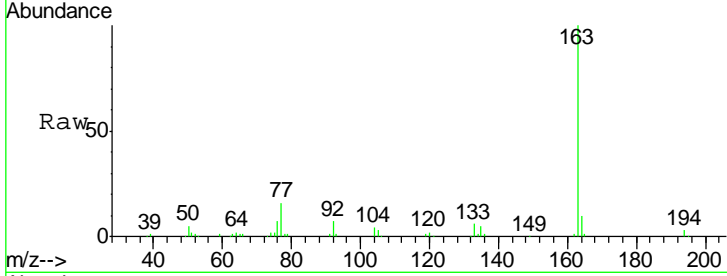




#49
 Dimethylphthalate
 Concen: 12.79 ng
 RT: 9.37 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF088250.D
 Acq: 22 Jun 2016 15:27

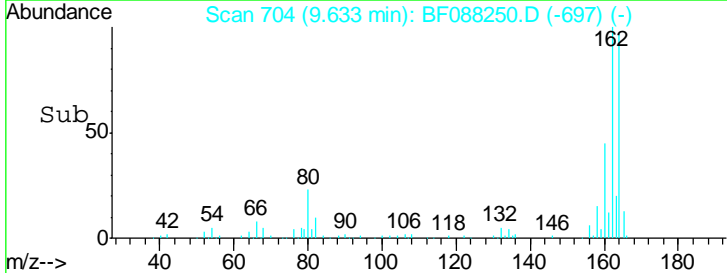
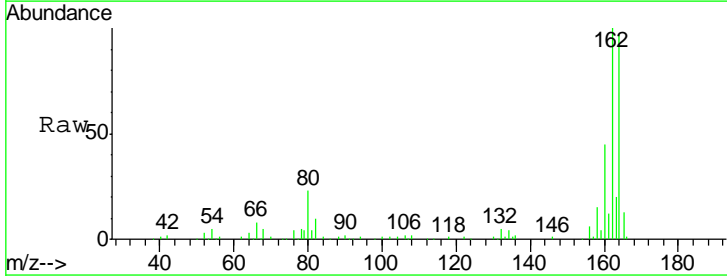
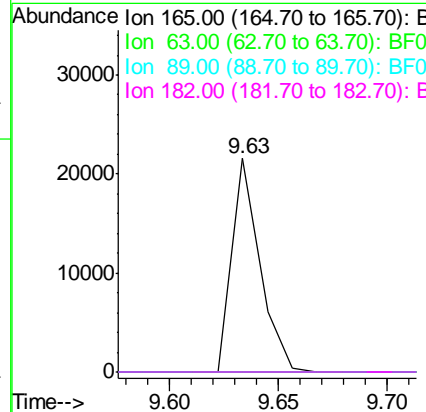
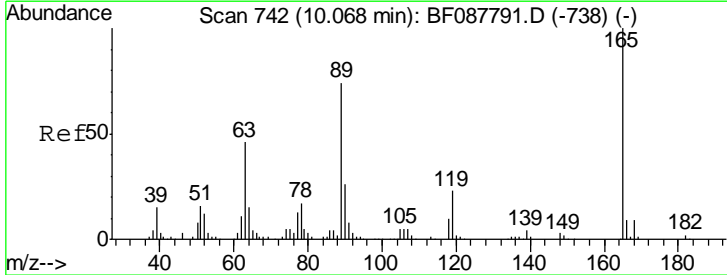
Instrument :
 BNA_F
ClientSampled :
 SB-4(4-4.5)

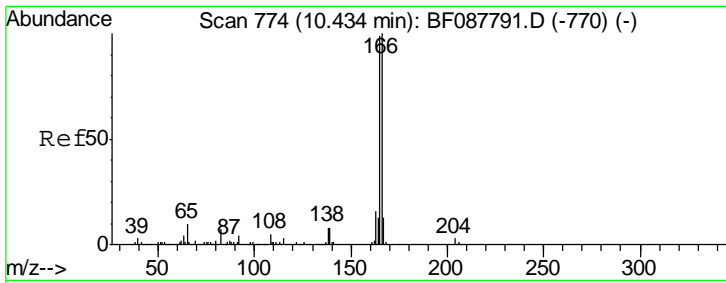
Tgt Ion	Resp	Lower	Upper
163	140371		
194	3.2	2.8	4.2
164	9.9	8.3	12.5



#56
 2,4-Dinitrotoluene
 Concen: 5.95 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.22 min
 Lab File: BF088250.D
 Acq: 22 Jun 2016 15:27

Tgt Ion	Resp	Lower	Upper
165	19205		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#

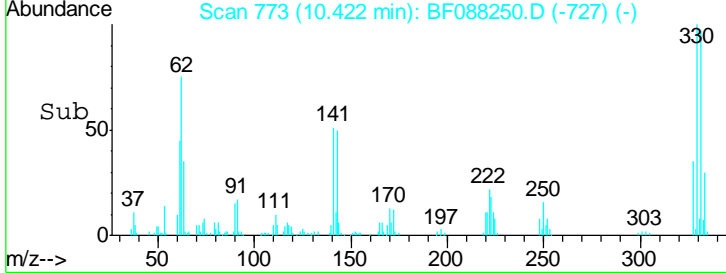
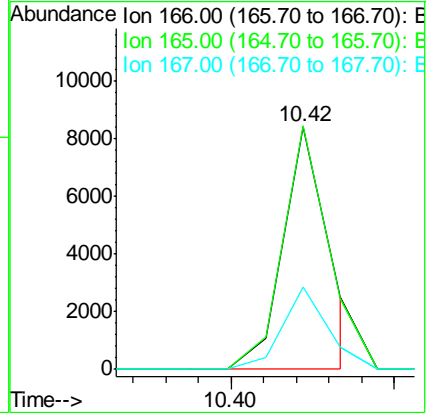
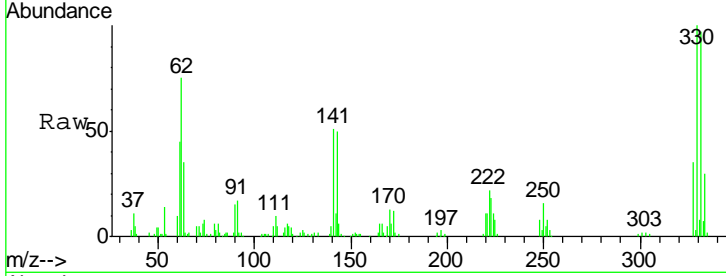




#57
 Fluorene
 Concen: Below Cal
 RT: 10.42 min Scan# 773
 Delta R.T. 0.23 min
 Lab File: BF088250.D
 Acq: 22 Jun 2016 15:27

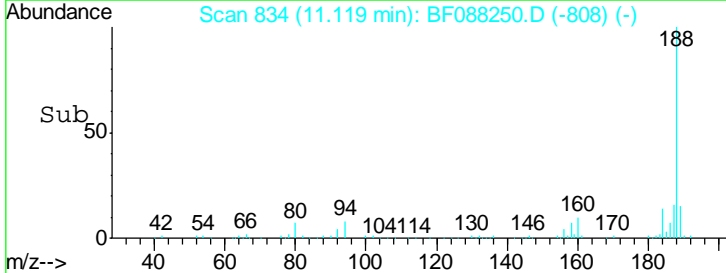
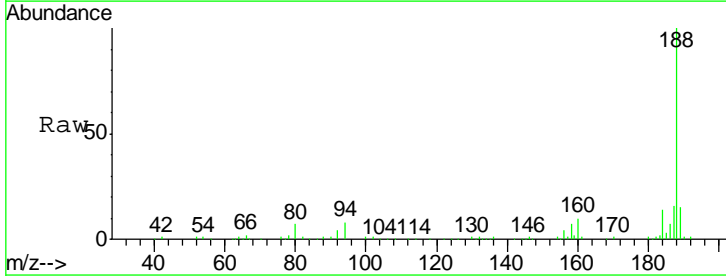
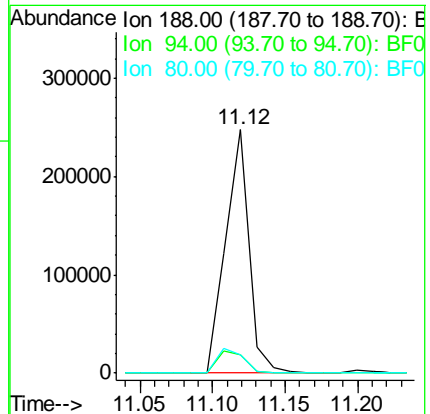
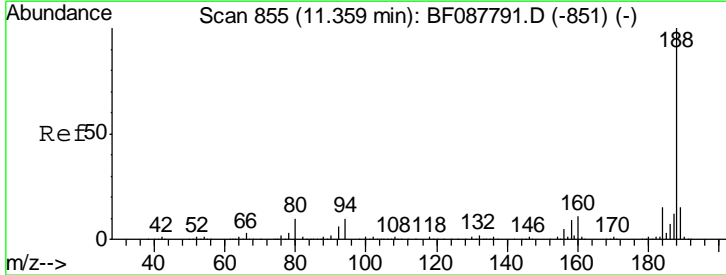
Instrument :
 BNA_F
 ClientSampled :
 SB-4(4-4.5)

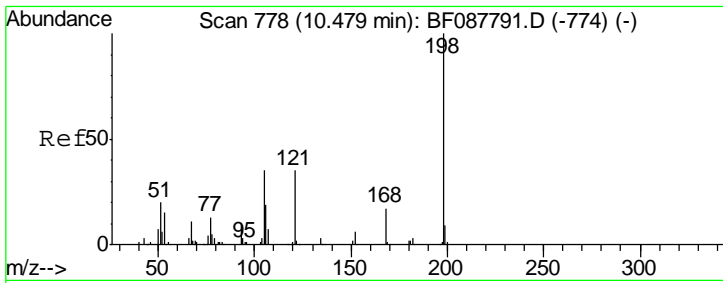
Tgt Ion	Resp	Lower	Upper
166	100		
165	100.3	77.8	116.8
167	34.0	11.2	16.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.12 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF088250.D
 Acq: 22 Jun 2016 15:27

Tgt Ion	Resp	Lower	Upper
188	100		
94	7.6	9.0	13.6#
80	7.4	10.0	15.0#

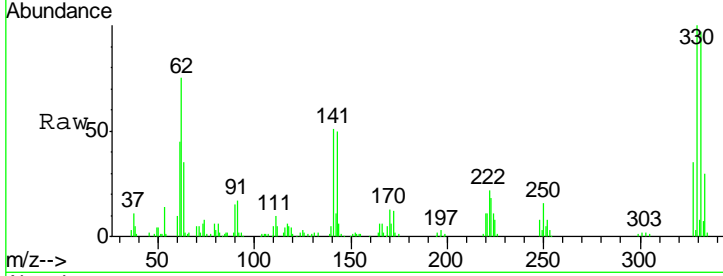




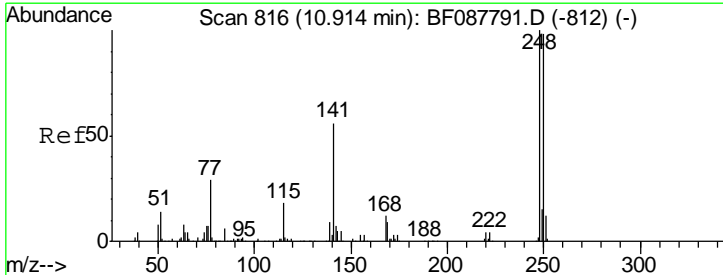
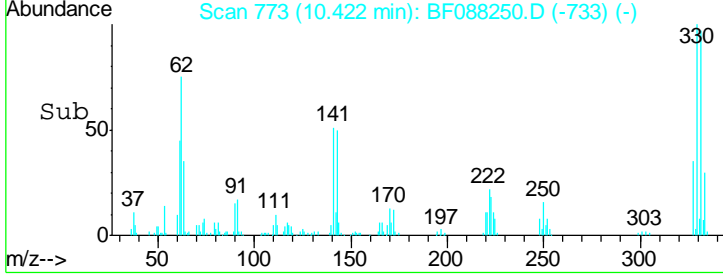
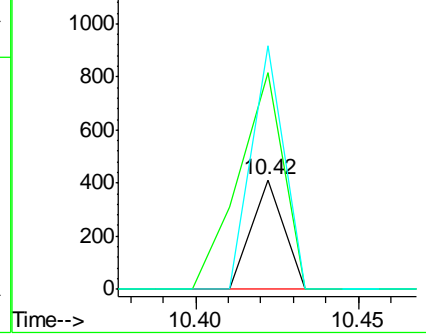
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.32 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.16 min
 Lab File: BF088250.D
 Acq: 22 Jun 2016 15:27

Instrument :
 BNA_F
ClientSampled :
 SB-4(4-4.5)

Tgt Ion	Resp	Lower	Upper
198	100		
51	197.8	39.6	79.6#
105	222.0	36.6	76.6#

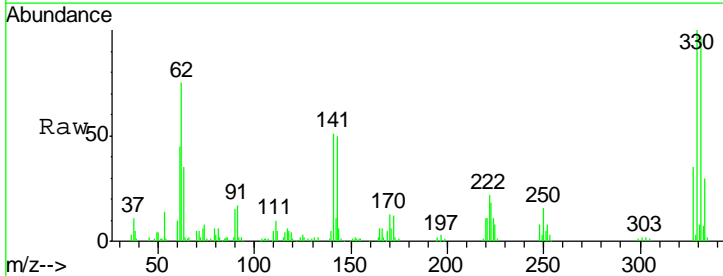


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

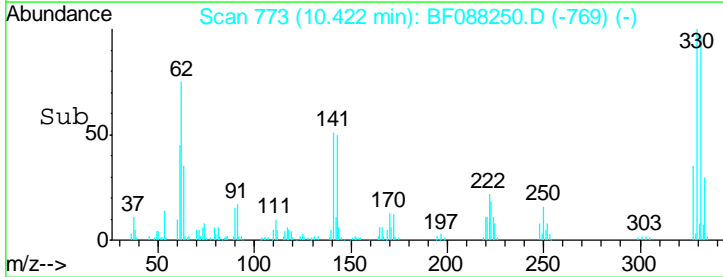
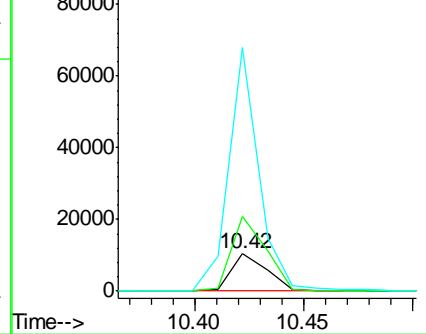


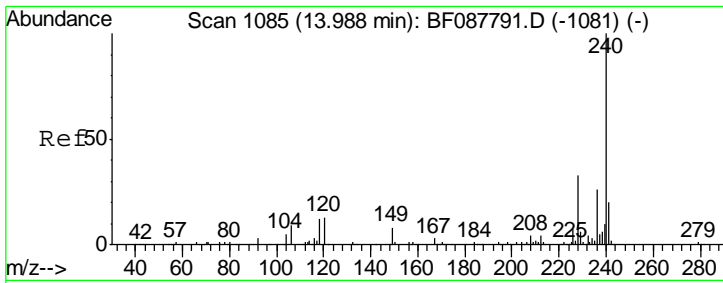
#66
 4-Bromophenyl-phenylether
 Concen: 3.90 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.25 min
 Lab File: BF088250.D
 Acq: 22 Jun 2016 15:27

Tgt Ion	Resp	Lower	Upper
248	100		
250	201.0	77.1	115.7#
141	658.3	50.6	76.0#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

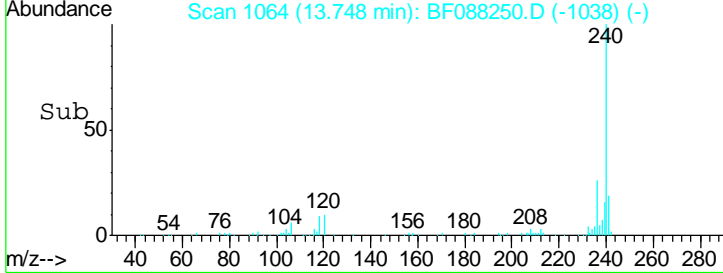
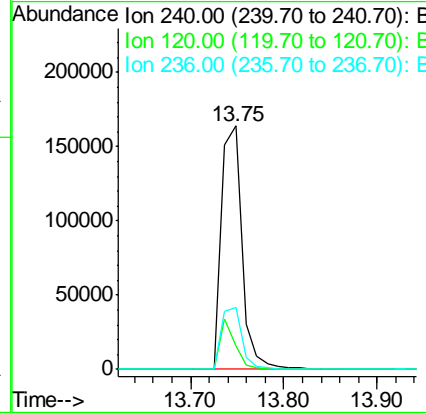
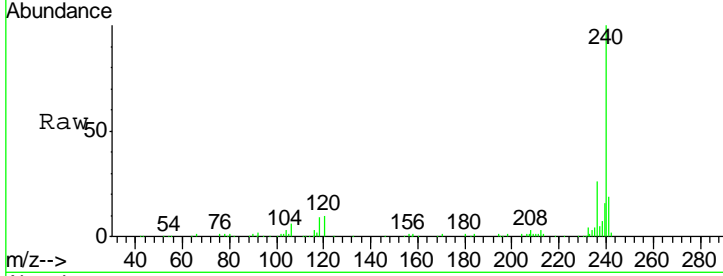




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF088250.D
 Acq: 22 Jun 2016 15:27

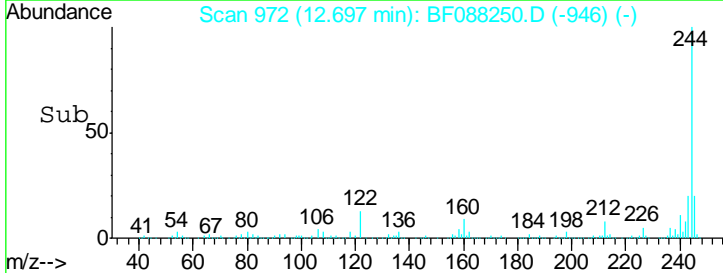
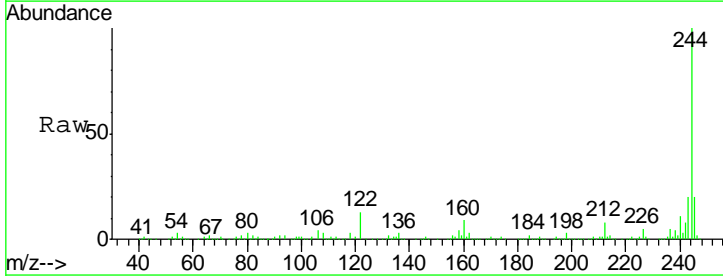
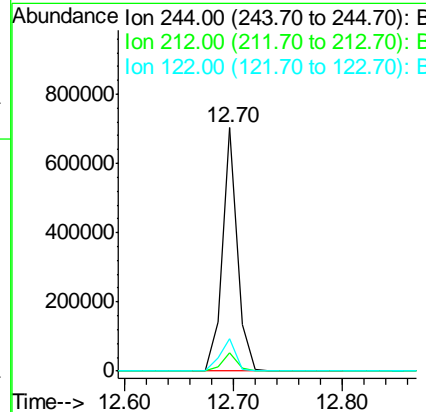
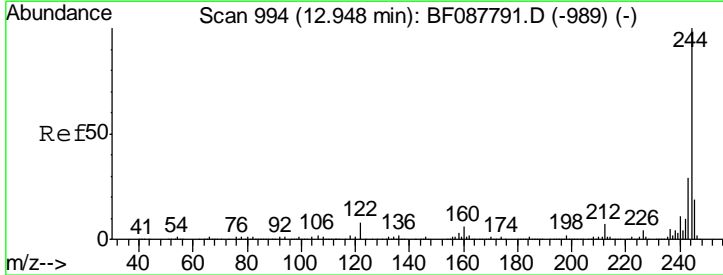
Instrument :
 BNA_F
ClientSampled :
 SB-4(4-4.5)

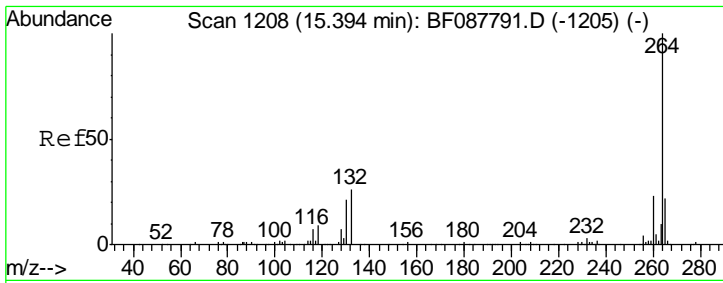
Tgt Ion	Resp	Lower	Upper
240	100		
120	9.6	6.8	10.2
236	25.6	20.2	30.2



#78
 Terphenyl-d14
 Concen: 61.44 ng
 RT: 12.70 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BF088250.D
 Acq: 22 Jun 2016 15:27

Tgt Ion	Resp	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	13.3	11.2	16.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF088250.D
 Acq: 22 Jun 2016 15:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(4-4.5)

Tgt Ion: 264 Resp: 195843

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.1	16.9	25.3

