

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071417\
 Data File : BF096791.D
 Acq On : 15 Jul 2017 00:23
 Operator : SJ/JU
 Sample : I4187-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 15 01:38:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	107894	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	453215	20.00	ng	-0.02
38) Acenaphthene-d10	9.66	164	221022	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	356797	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	218943	20.00	ng	-0.02
86) Perylene-d12	15.14	264	186264	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	628075	87.53	ng	0.00
7) Phenol-d6	6.27	99	747957	86.86	ng	-0.01
23) Nitrobenzene-d5	7.19	82	394142	53.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.44	330	147067	77.95	ng	-0.02
44) 2-Fluorobiphenyl	8.99	172	805352	57.57	ng	-0.01
78) Terphenyl-d14	12.72	244	527808	41.81	ng	-0.02

Target Compounds

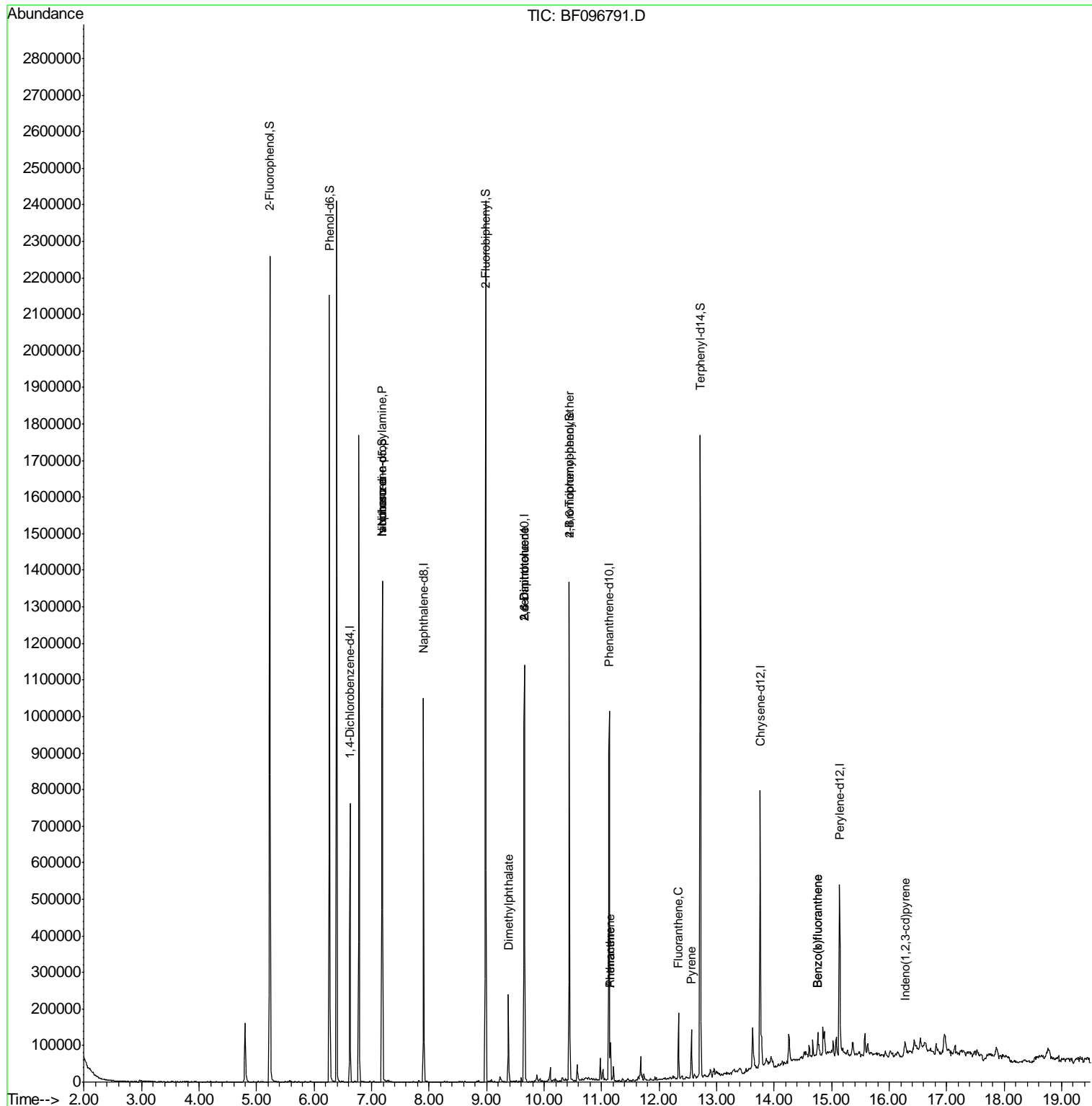
						Qvalue
19) n-Nitroso-di-n-propylamine	7.19	70	51598	9.95	ng	# 87
25) Isophorone	7.19	82	392853	28.86	ng	# 67
49) Dimethylphthalate	9.37	163	84369	5.07	ng	99
50) 2,6-Dinitrotoluene	9.66	165	27288	7.57	ng	# 34
56) 2,4-Dinitrotoluene	9.66	165	27288	5.89	ng	# 33
66) 4-Bromophenyl-phenylether	10.44	248	8953	2.46	ng	# 1
70) Phenanthrene	11.15	178	45277	2.33	ng	98
71) Anthracene	11.15	178	45277	2.31	ng	98
74) Fluoranthene	12.34	202	73991	3.98	ng	95
77) Pyrene	12.56	202	50876	2.56	ng	99
85) Indeno(1,2,3-cd)pyrene	16.29	276	3248	3.58	ng	90
87) Benzo(b)fluoranthene	14.76	252	39176	3.49	ng	# 95
88) Benzo(k)fluoranthene	14.76	252	39176	3.68	ng	99

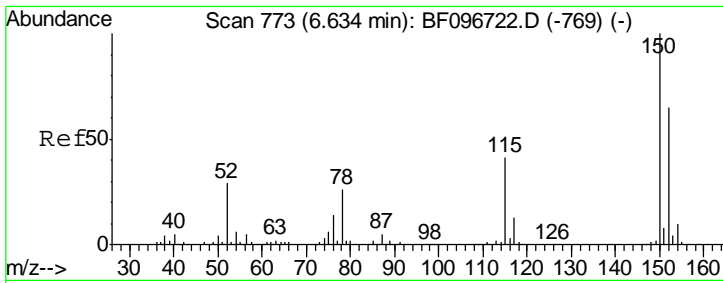
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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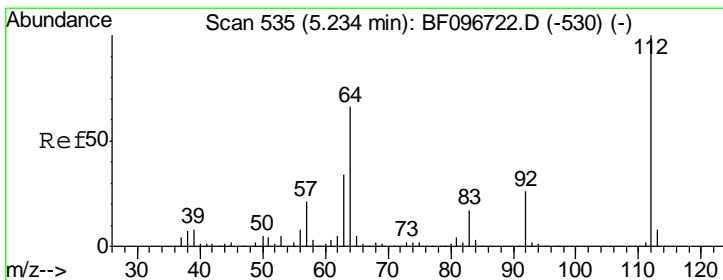
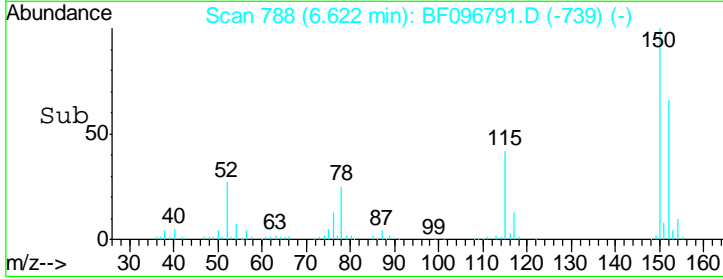
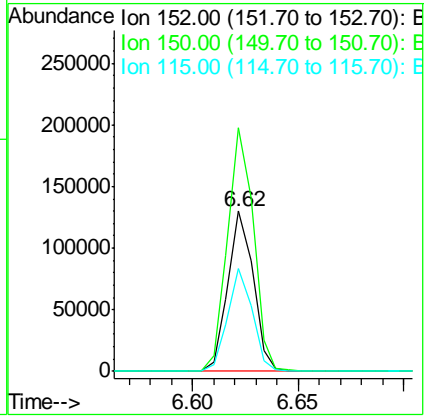
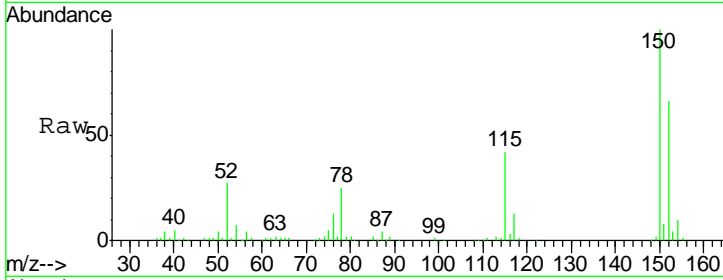


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.62 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF096791.D
 Acq: 15 Jul 2017 00:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 107894

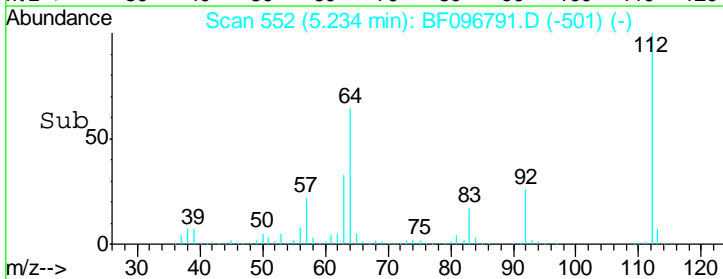
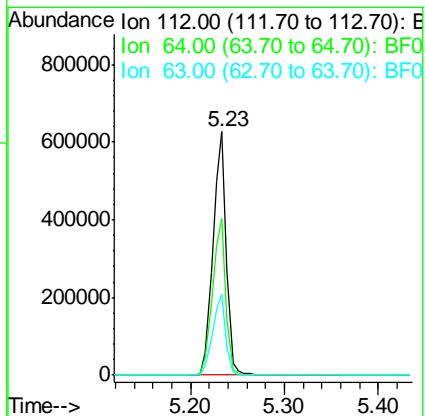
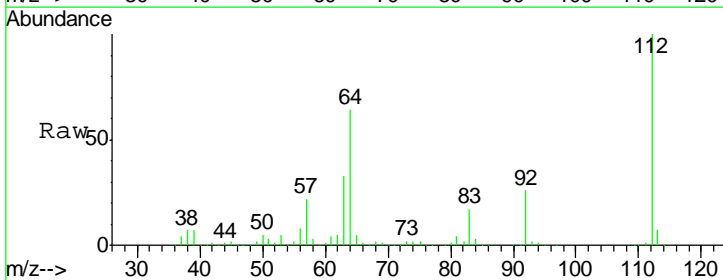
Ion	Ratio	Lower	Upper
152	100		
150	151.9	126.2	189.2
115	63.9	52.2	78.2

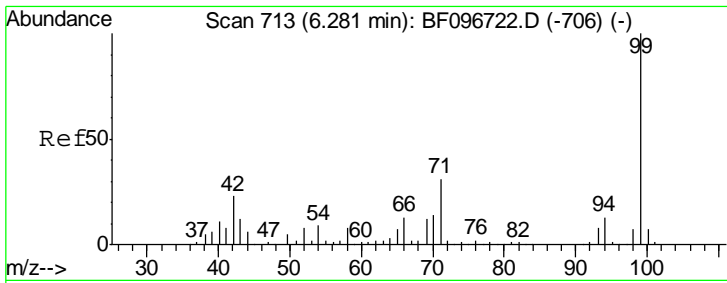


#5
 2-Fluorophenol
 Concen: 87.53 ng
 RT: 5.23 min Scan# 552
 Delta R.T. 0.00 min
 Lab File: BF096791.D
 Acq: 15 Jul 2017 00:23

Tgt Ion:112 Resp: 628075

Ion	Ratio	Lower	Upper
112	100		
64	64.2	46.0	69.0
63	33.2	23.4	35.0

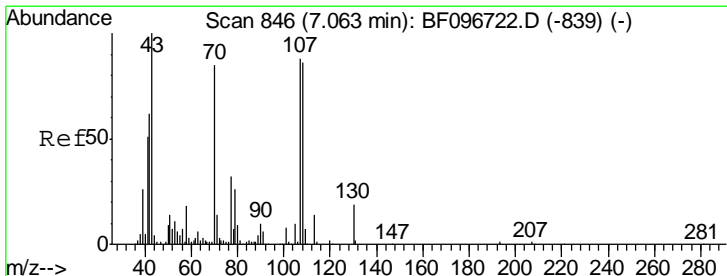
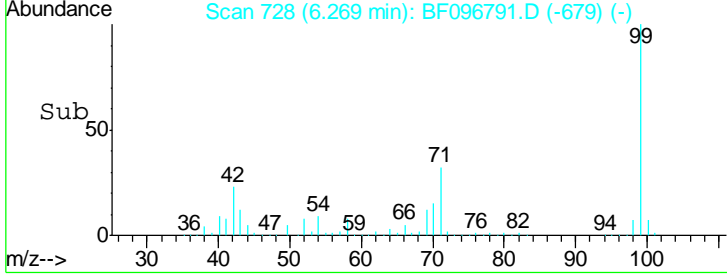
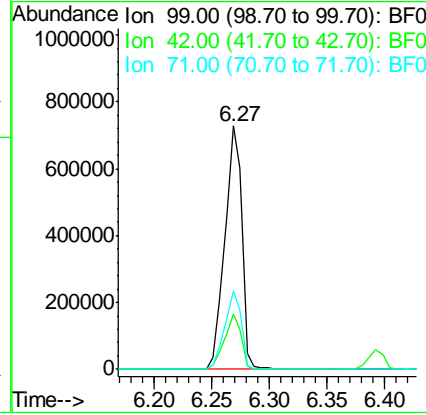
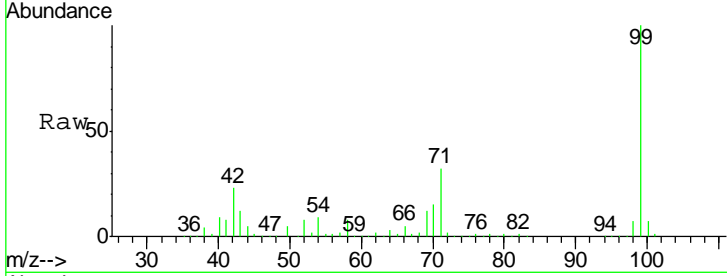




#7
 Phenol-d6
 Concen: 86.86 ng
 RT: 6.27 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: BF096791.D
 Acq: 15 Jul 2017 00:23

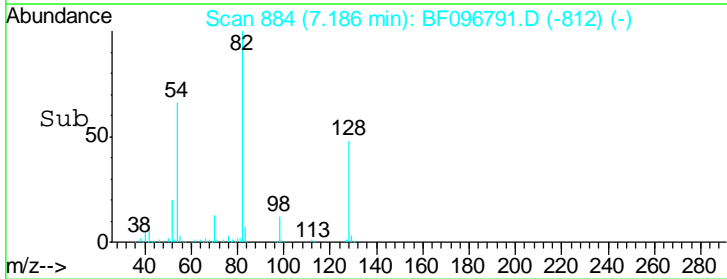
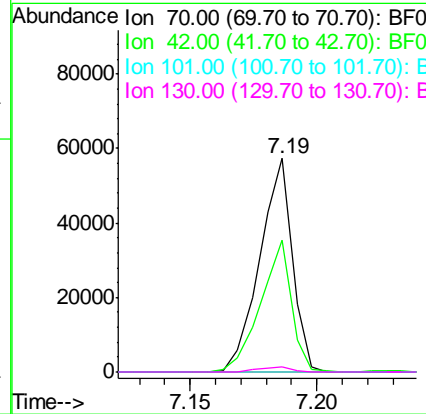
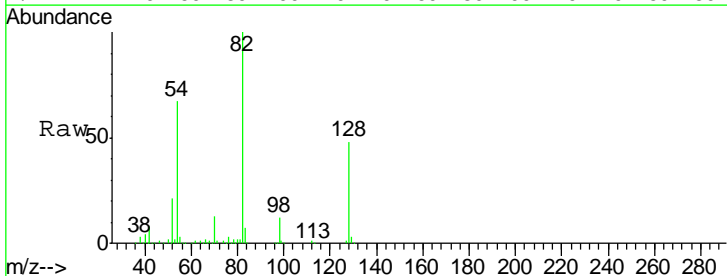
Instrument :
 BNA_F
 ClientSampled :

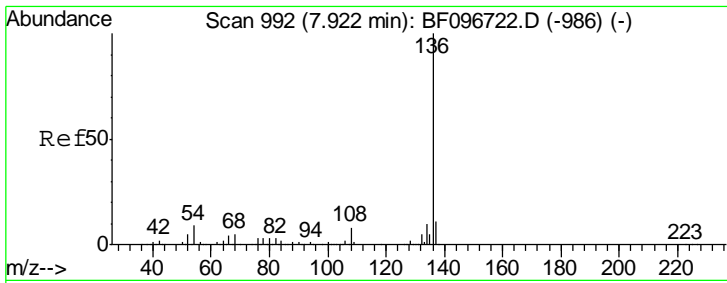
Tgt Ion	Resp	Lower	Upper
99	100		
42	22.7	13.5	20.3#
71	32.3	24.5	36.7



#19
 n-Nitroso-di-n-propylamine
 Concen: 9.95 ng
 RT: 7.19 min Scan# 884
 Delta R.T. 0.12 min
 Lab File: BF096791.D
 Acq: 15 Jul 2017 00:23

Tgt Ion	Resp	Lower	Upper
70	100		
42	61.5	47.2	70.8
101	0.0	7.2	10.8#
130	2.7	15.9	23.9#

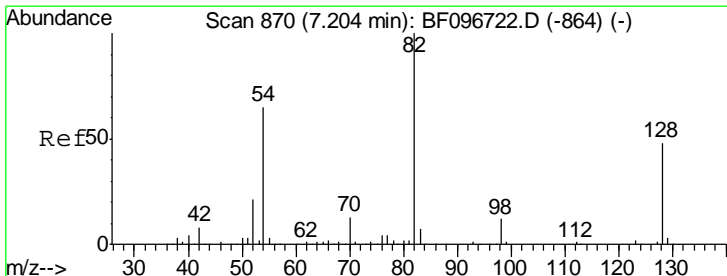
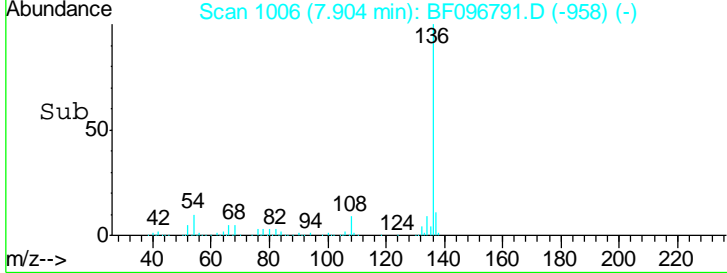
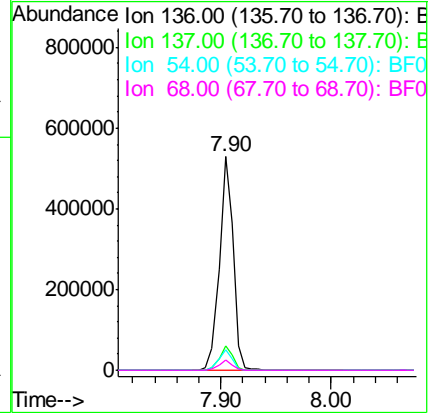
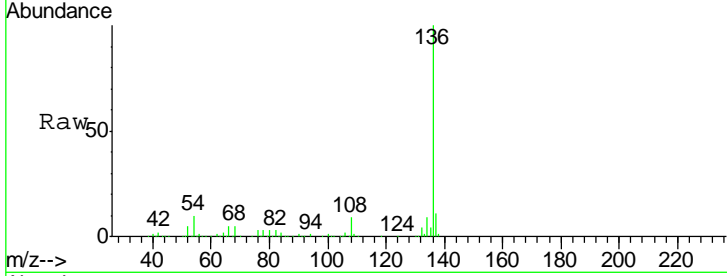




#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.90 min Scan# 1006
 Delta R.T. -0.02 min
 Lab File: BF096791.D
 Acq: 15 Jul 2017 00:23

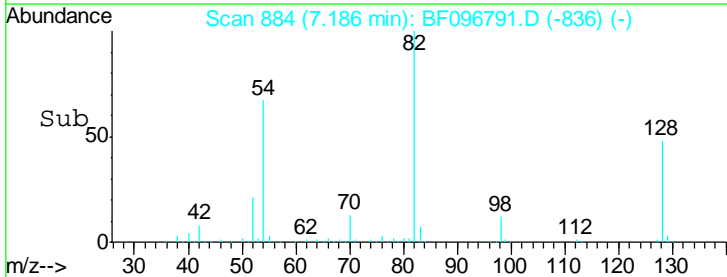
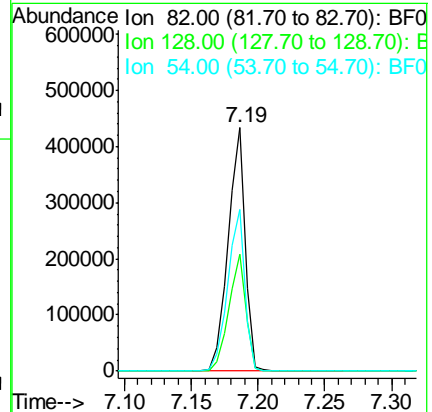
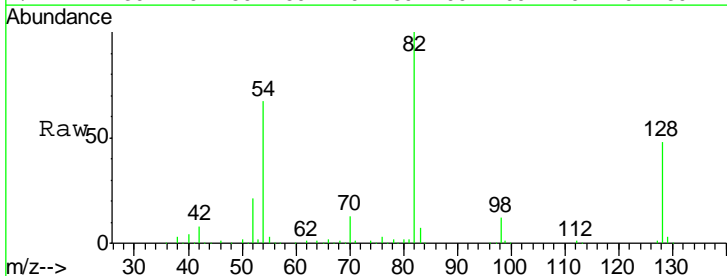
Instrument :
 BNA_F
 ClientSampled :

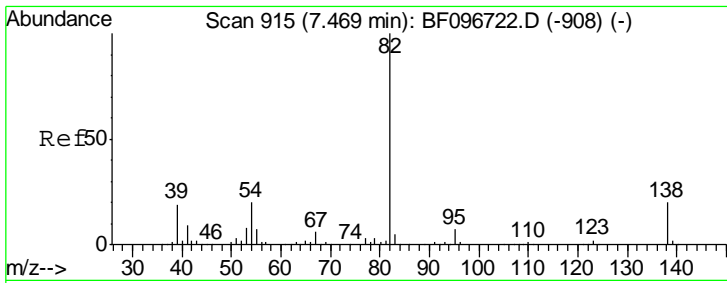
Tgt Ion	Resp	Lower	Upper
136	453215		
137	11.3	8.5	12.7
54	9.7	4.9	7.3#
68	4.5	4.1	6.1



#23
 Nitrobenzene-d5
 Concen: 53.87 ng
 RT: 7.19 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF096791.D
 Acq: 15 Jul 2017 00:23

Tgt Ion	Resp	Lower	Upper
82	394142		
128	48.2	34.0	51.0
54	66.6	42.2	63.2#

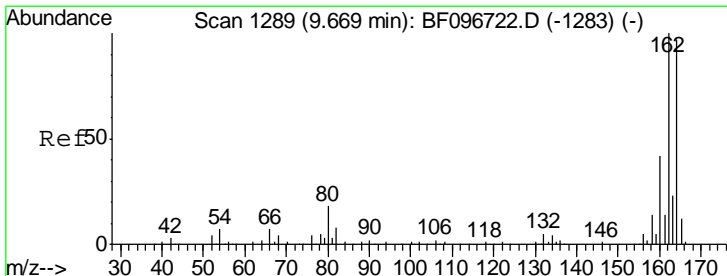
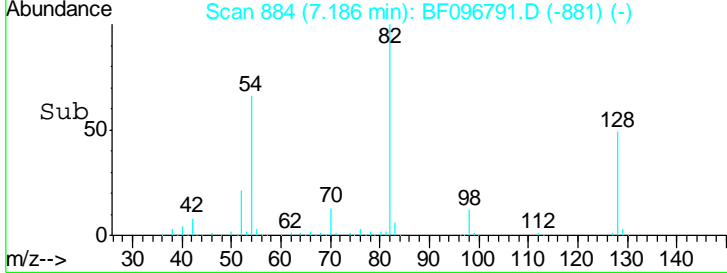
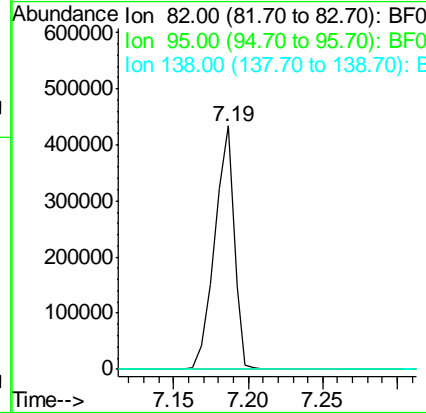
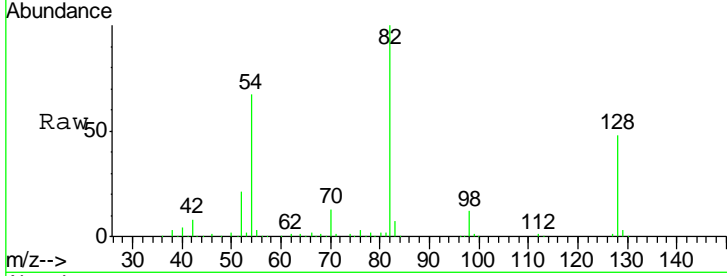




#25
 Isophorone
 Concen: 28.86 ng
 RT: 7.19 min Scan# 884
 Delta R.T. -0.28 min
 Lab File: BF096791.D
 Acq: 15 Jul 2017 00:23

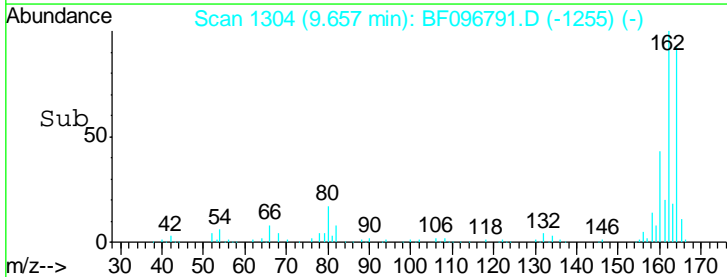
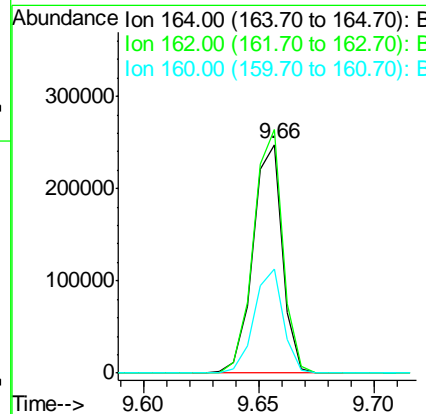
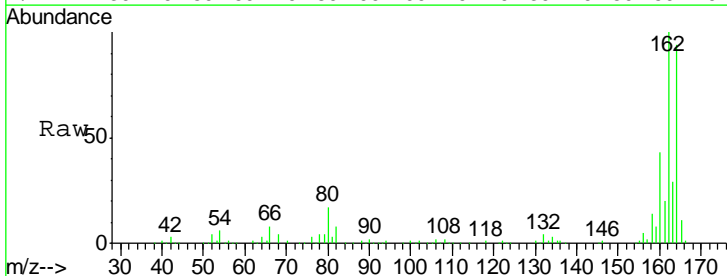
Instrument :
 BNA_F
 ClientSampled :

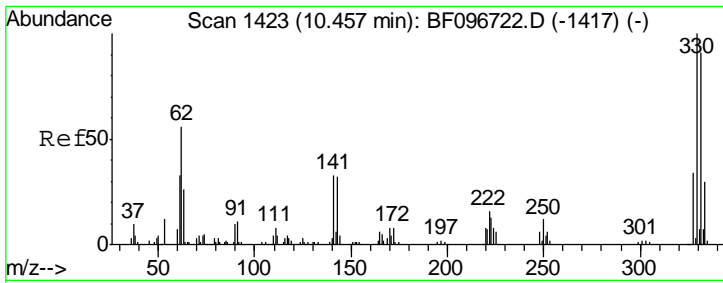
Tgt Ion	Resp	Lower	Upper
82	392853		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF096791.D
 Acq: 15 Jul 2017 00:23

Tgt Ion	Resp	Lower	Upper
164	221022		
162	106.5	82.6	123.8
160	45.4	36.2	54.2

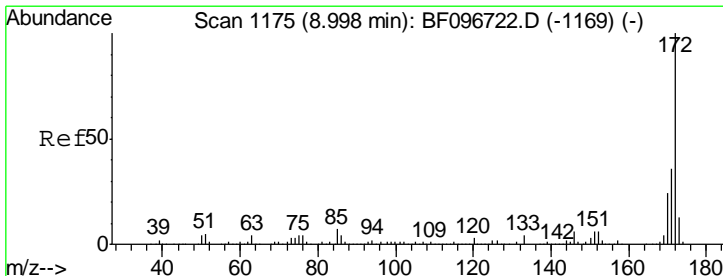
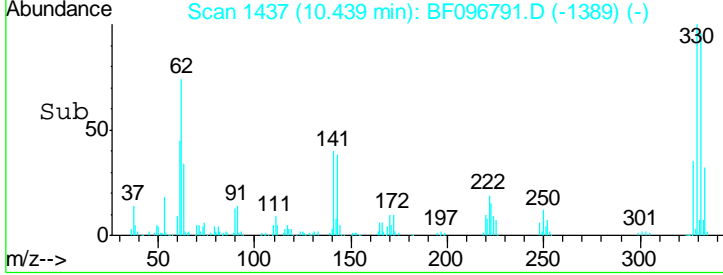
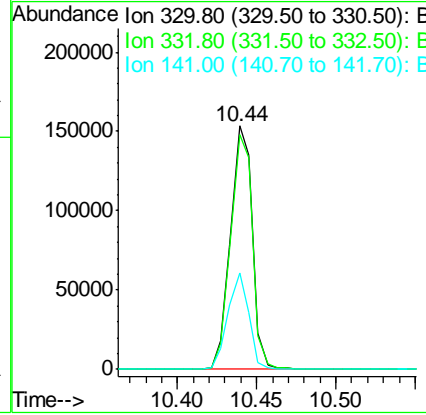
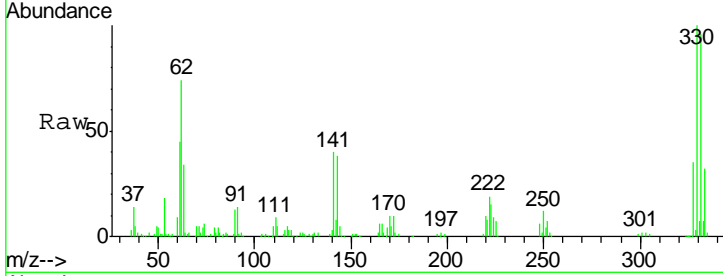




#41
 2,4,6-Tribromophenol
 Concen: 77.95 ng
 RT: 10.44 min Scan# 1437
 Delta R.T. -0.02 min
 Lab File: BF096791.D
 Acq: 15 Jul 2017 00:23

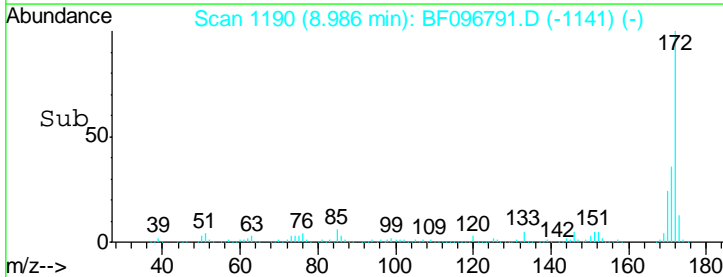
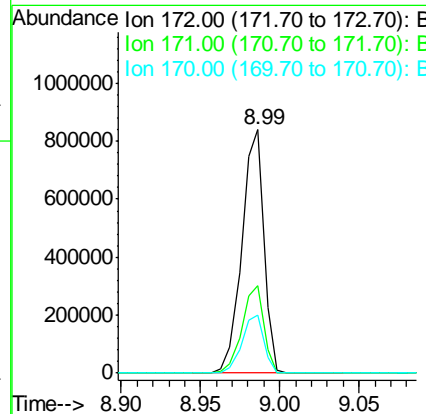
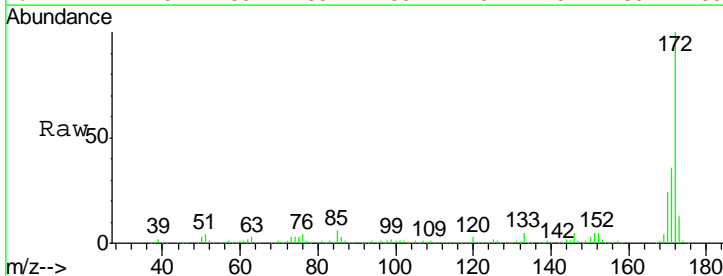
Instrument :
 BNA_F
 ClientSampled :

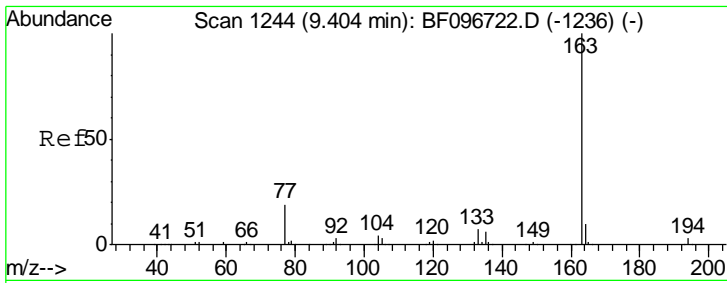
Tgt Ion	Resp	Lower	Upper
330	147067		
332	97.0	76.6	115.0
141	37.9	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 57.57 ng
 RT: 8.99 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF096791.D
 Acq: 15 Jul 2017 00:23

Tgt Ion	Resp	Lower	Upper
172	805352		
171	35.7	29.6	44.4
170	23.8	19.8	29.8

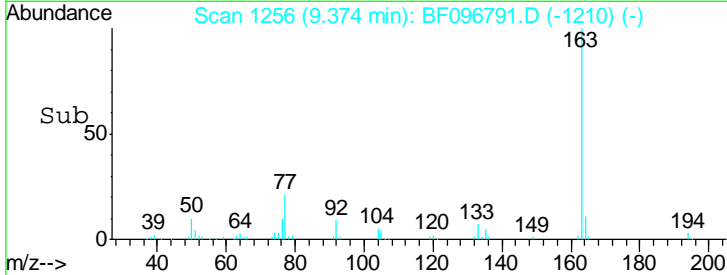
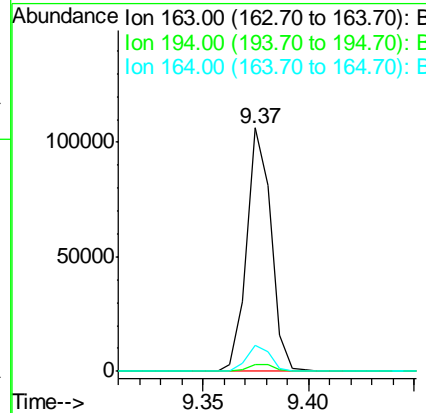
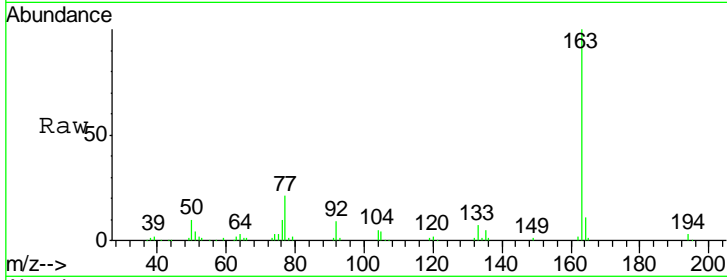




#49
 Dimethylphthalate
 Concen: 5.07 ng
 RT: 9.37 min Scan# 1256
 Delta R.T. -0.03 min
 Lab File: BF096791.D
 Acq: 15 Jul 2017 00:23

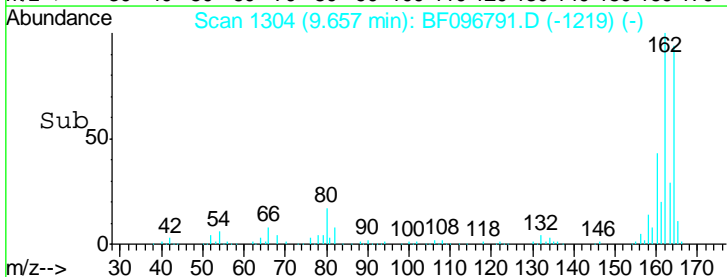
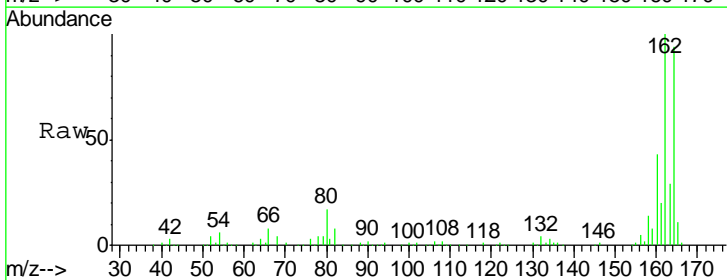
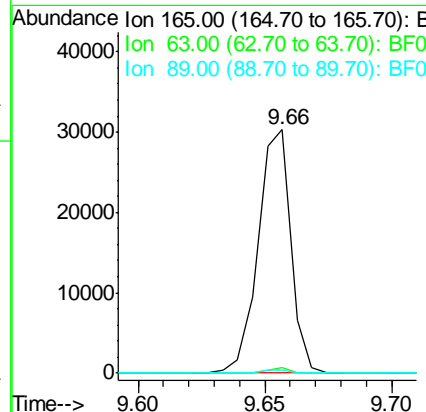
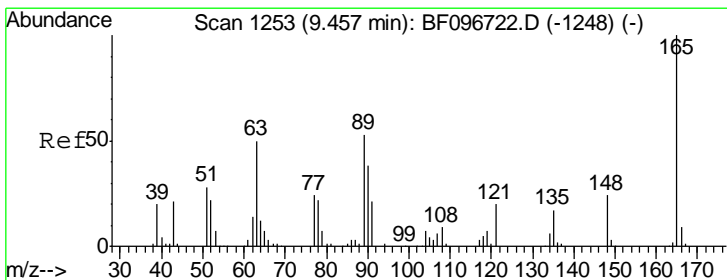
Instrument :
 BNA_F
 ClientSampled :

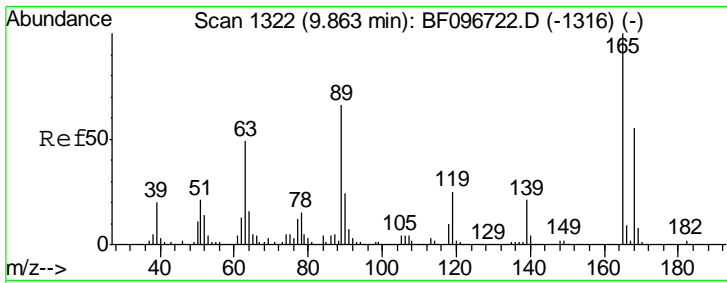
Tgt Ion	Resp	Lower	Upper
163	100		
194	2.8	2.6	4.0
164	10.6	8.4	12.6



#50
 2,6-Dinitrotoluene
 Concen: 7.57 ng
 RT: 9.66 min Scan# 1304
 Delta R.T. 0.20 min
 Lab File: BF096791.D
 Acq: 15 Jul 2017 00:23

Tgt Ion	Resp	Lower	Upper
165	100		
63	2.2	34.3	51.5#
89	1.1	37.1	55.7#

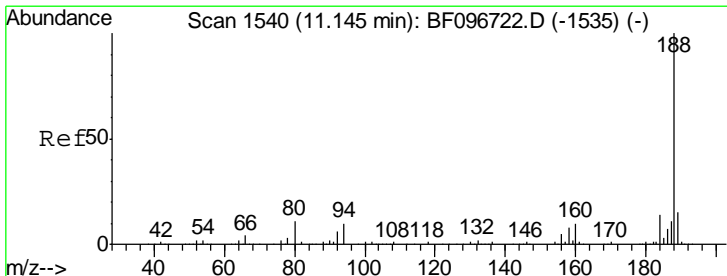
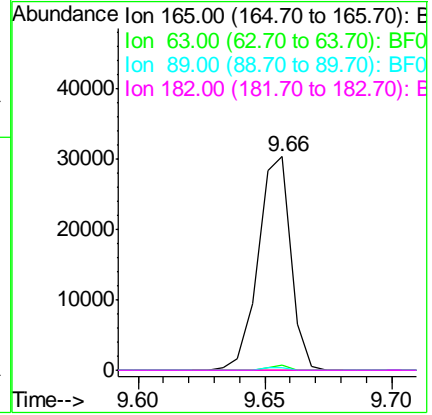
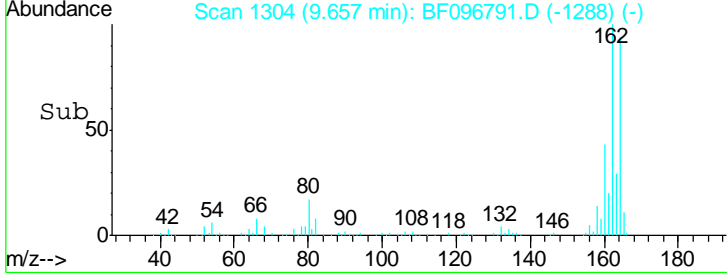
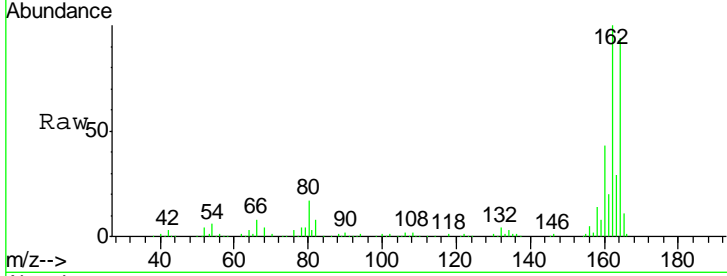




#56
 2,4-Dinitrotoluene
 Concen: 5.89 ng
 RT: 9.66 min Scan# 1304
 Delta R.T. -0.21 min
 Lab File: BF096791.D
 Acq: 15 Jul 2017 00:23

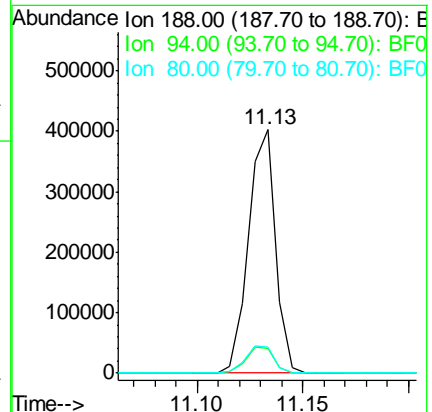
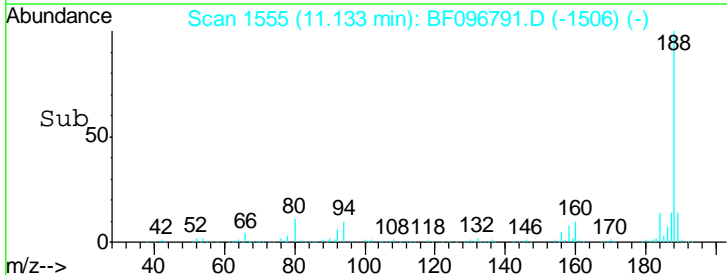
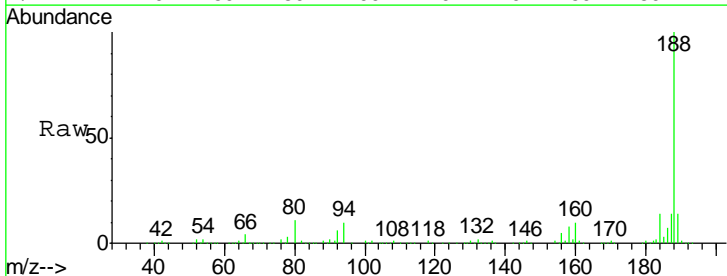
Instrument :
 BNA_F
 ClientSampled :

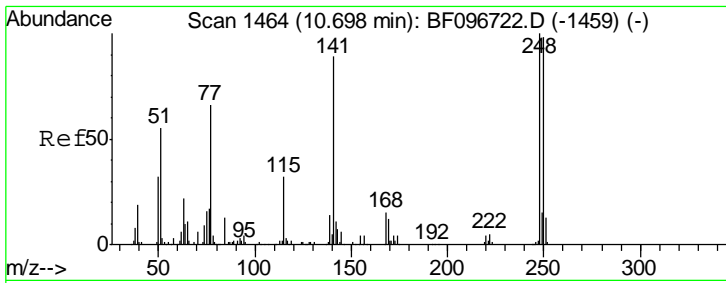
Tgt Ion	Resp	Lower	Upper
165	100		
63	2.2	25.4	38.0#
89	1.1	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF096791.D
 Acq: 15 Jul 2017 00:23

Tgt Ion	Resp	Lower	Upper
188	100		
94	10.2	9.4	14.2
80	10.5	10.2	15.2

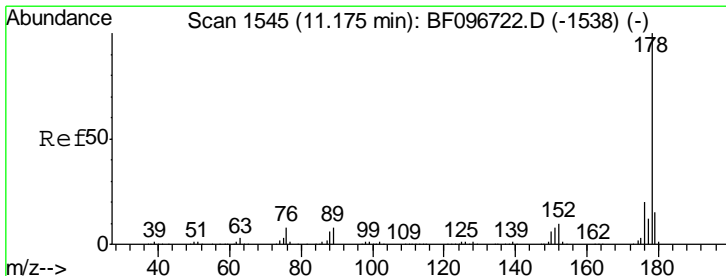
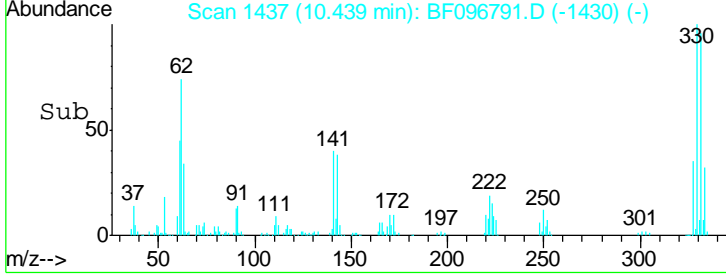
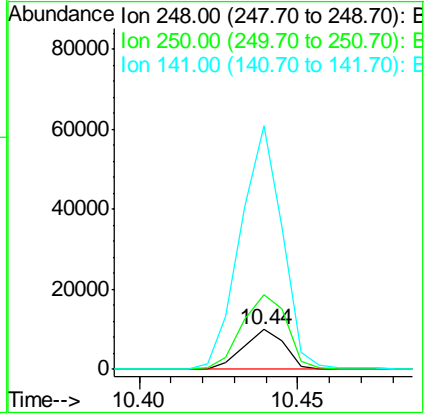
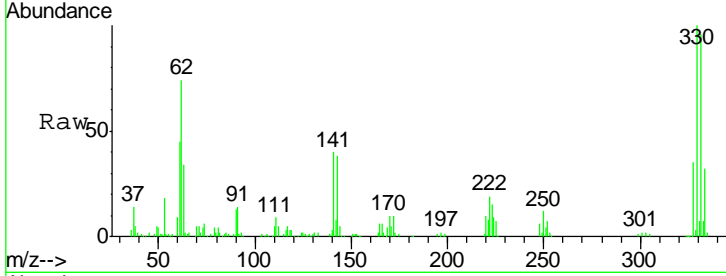




#66
 4-Bromophenyl-phenylether
 Concen: 2.46 ng
 RT: 10.44 min Scan# 1437
 Delta R.T. -0.26 min
 Lab File: BF096791.D
 Acq: 15 Jul 2017 00:23

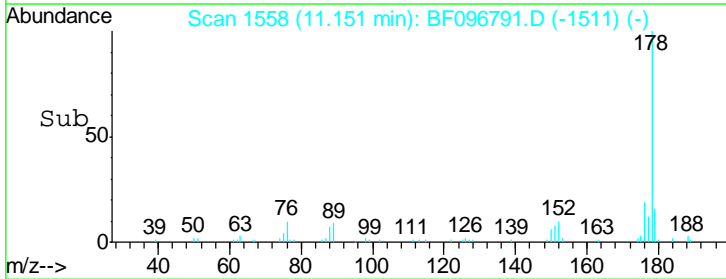
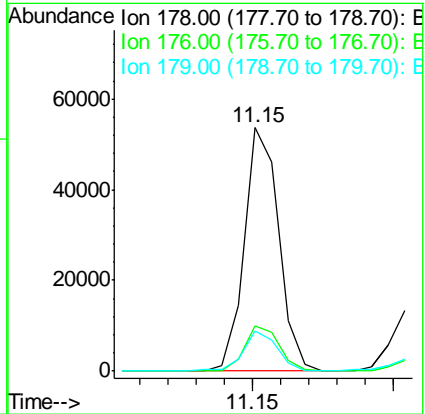
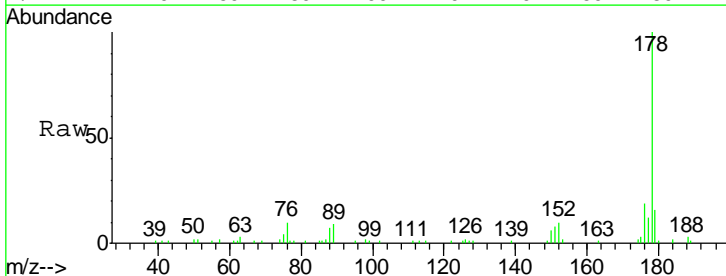
Instrument :
 BNA_F
 ClientSampled :

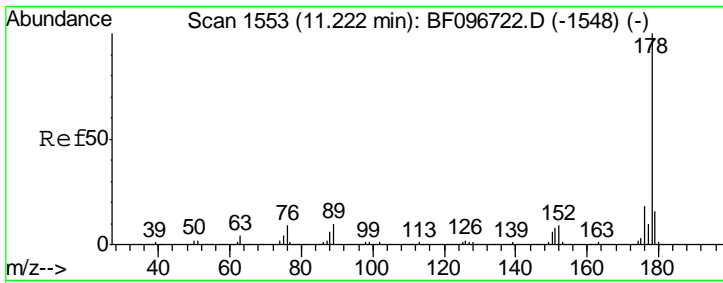
Tgt Ion	Resp	Lower	Upper
248	100		
250	188.8	76.8	115.2#
141	615.1	68.6	103.0#



#70
 Phenanthrene
 Concen: 2.33 ng
 RT: 11.15 min Scan# 1558
 Delta R.T. -0.02 min
 Lab File: BF096791.D
 Acq: 15 Jul 2017 00:23

Tgt Ion	Resp	Lower	Upper
178	100		
176	18.7	16.2	24.4
179	16.2	12.6	19.0

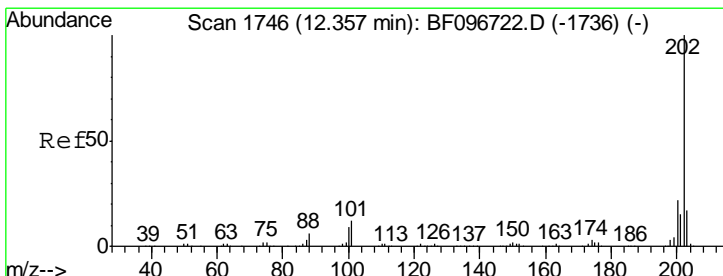
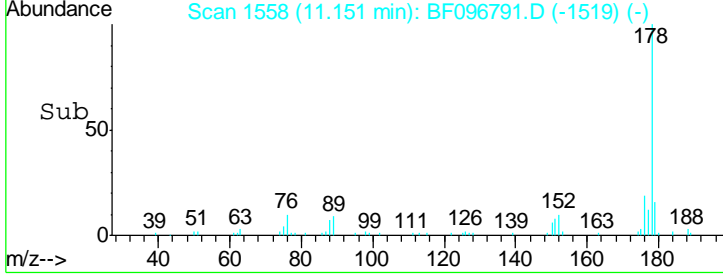
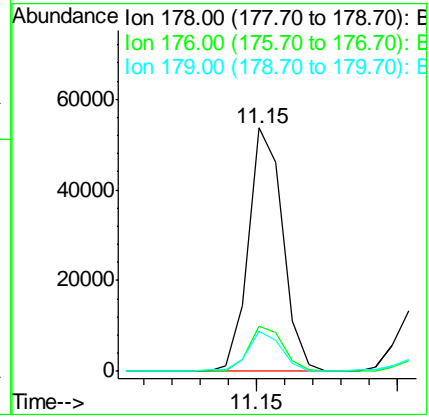
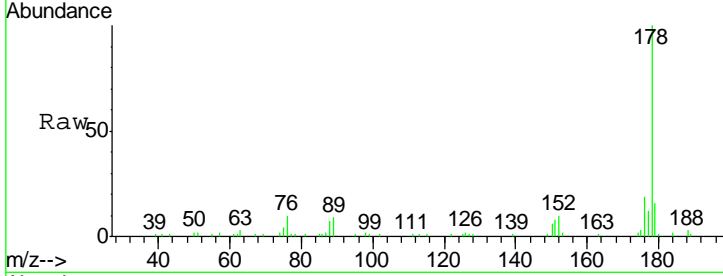




#71
 Anthracene
 Concen: 2.31 ng
 RT: 11.15 min Scan# 1558
 Delta R.T. -0.07 min
 Lab File: BF096791.D
 Acq: 15 Jul 2017 00:23

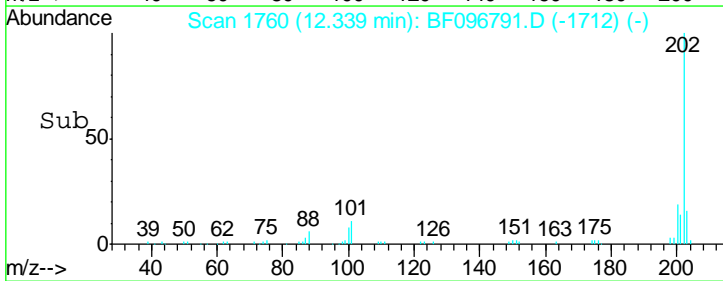
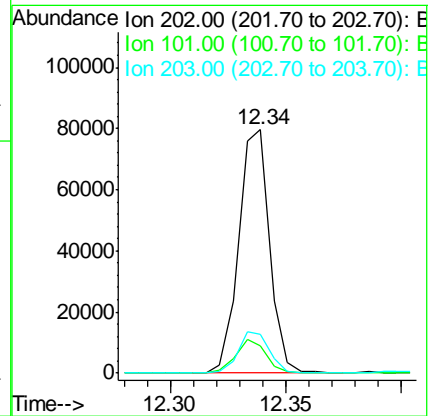
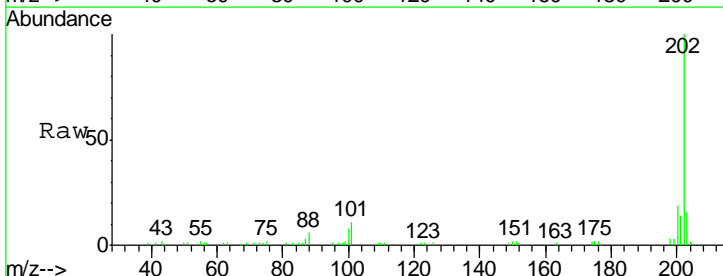
Instrument :
 BNA_F
 ClientSampled :

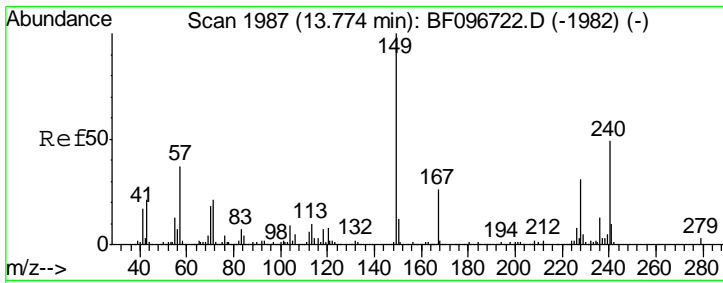
Tgt Ion	Resp	Lower	Upper
178	45277		
176	18.7	15.8	23.8
179	16.2	12.7	19.1



#74
 Fluoranthene
 Concen: 3.98 ng
 RT: 12.34 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BF096791.D
 Acq: 15 Jul 2017 00:23

Tgt Ion	Resp	Lower	Upper
202	73991		
101	11.1	0.0	33.2
203	16.2	0.0	38.1

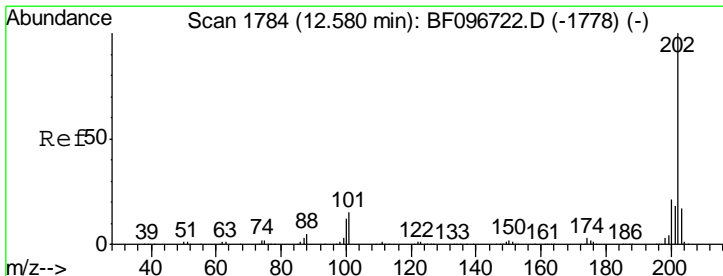
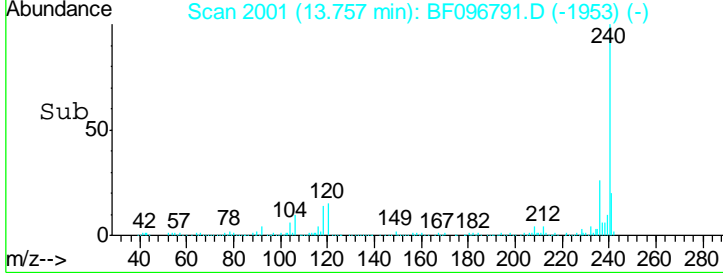
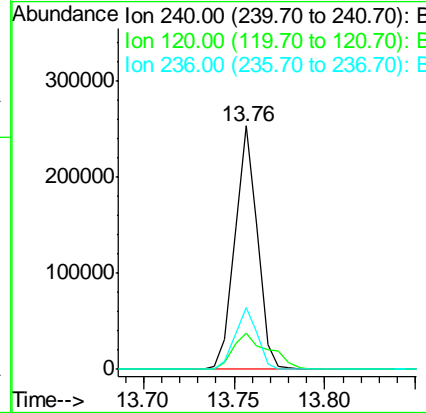
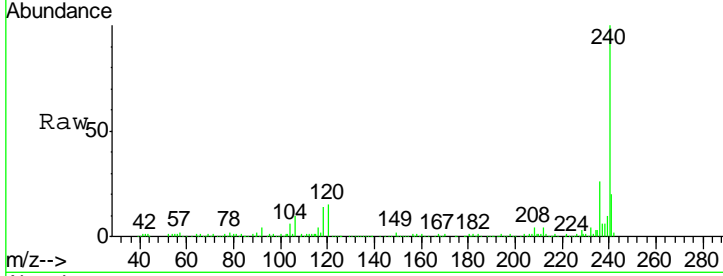




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.76 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BF096791.D
 Acq: 15 Jul 2017 00:23

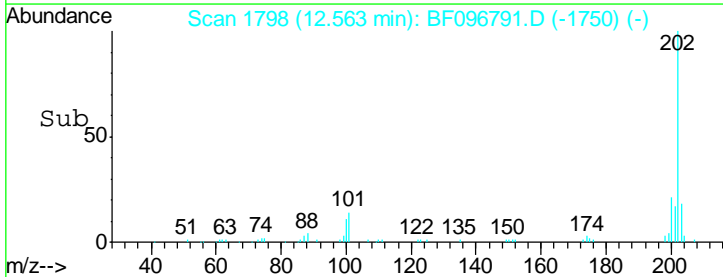
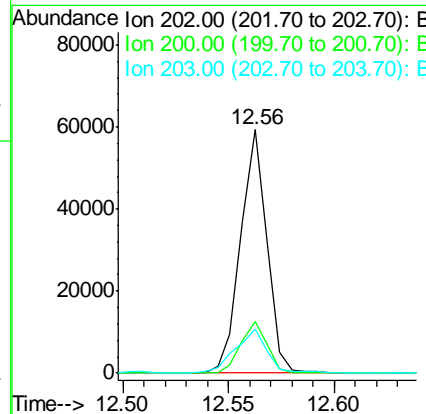
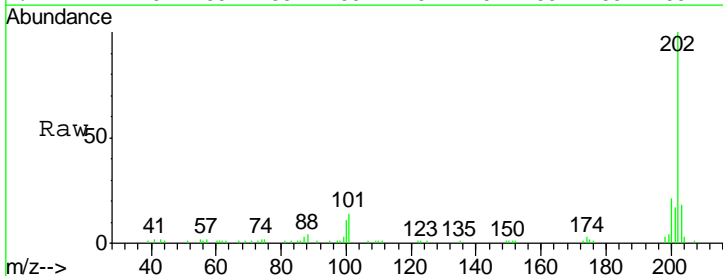
Instrument :
 BNA_F
 ClientSampled :

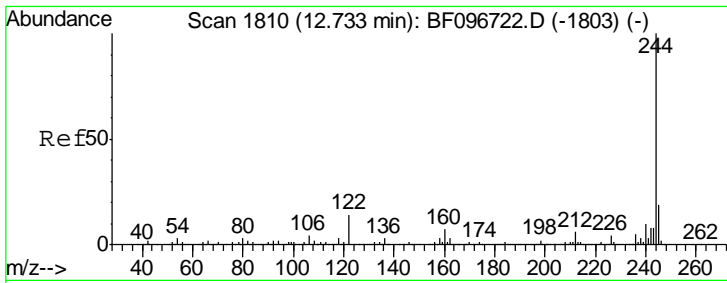
Tgt Ion	Resp	Lower	Upper
240	218943		
120	15.1	5.8	8.8#
236	25.6	20.5	30.7



#77
 Pyrene
 Concen: 2.56 ng
 RT: 12.56 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: BF096791.D
 Acq: 15 Jul 2017 00:23

Tgt Ion	Resp	Lower	Upper
202	50876		
200	21.3	17.6	26.4
203	18.1	14.4	21.6

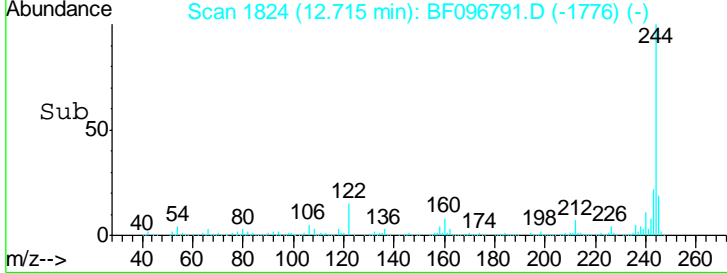
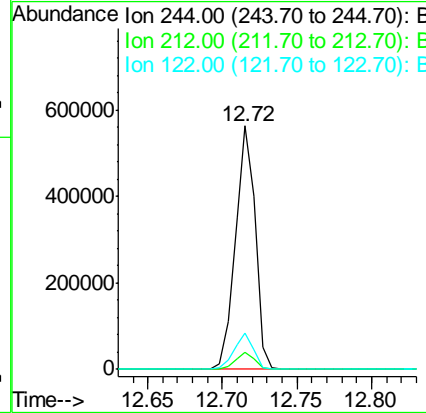
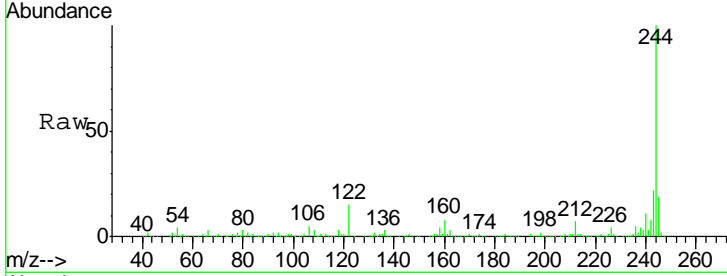




#78
 Terphenyl-d14
 Concen: 41.81 ng
 RT: 12.72 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF096791.D
 Acq: 15 Jul 2017 00:23

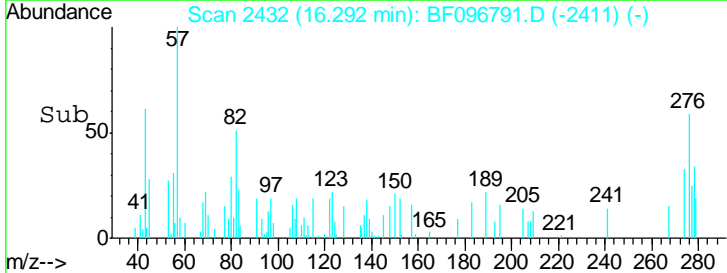
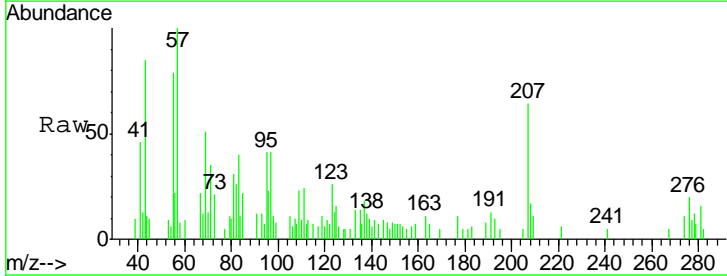
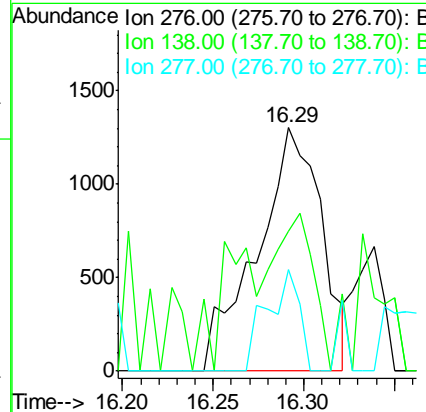
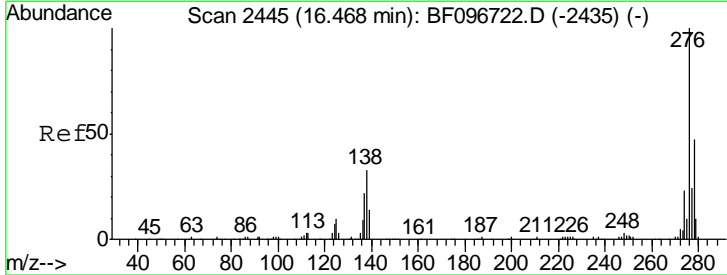
Instrument :
 BNA_F
 ClientSampled :

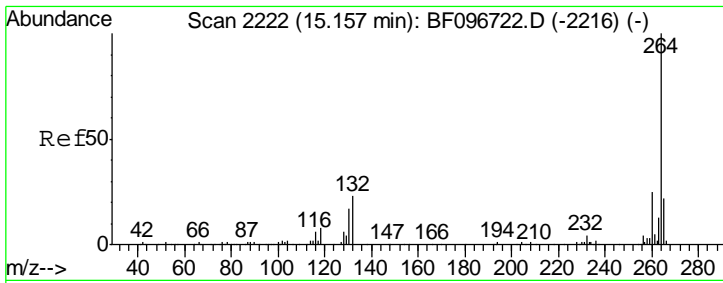
Tgt Ion	Resp	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.9	10.3	15.5



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.58 ng
 RT: 16.29 min Scan# 2432
 Delta R.T. -0.18 min
 Lab File: BF096791.D
 Acq: 15 Jul 2017 00:23

Tgt Ion	Resp	Lower	Upper
276	100		
138	40.9	27.8	41.6
277	20.6	20.2	30.4

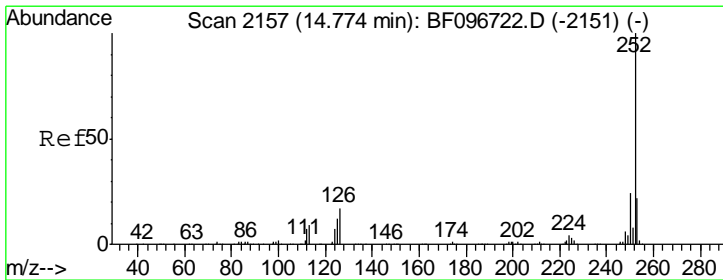
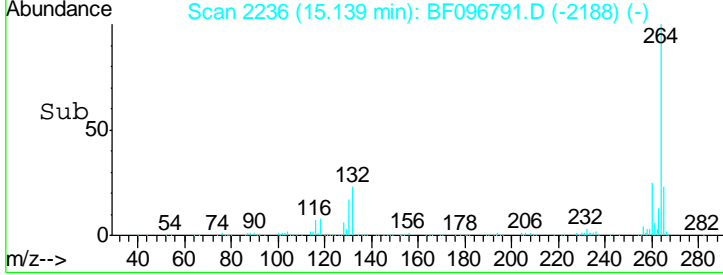
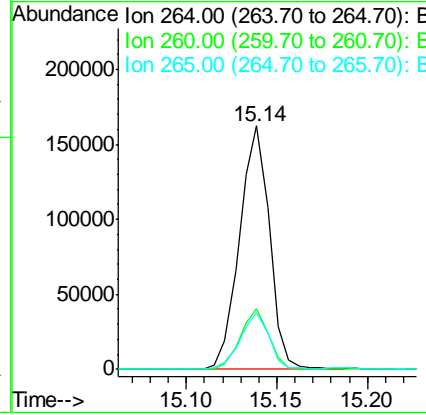
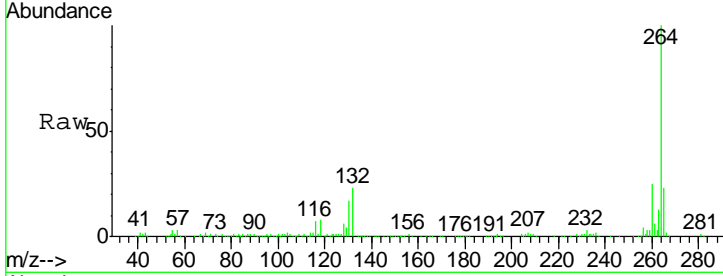




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 2236
 Delta R.T. -0.02 min
 Lab File: BF096791.D
 Acq: 15 Jul 2017 00:23

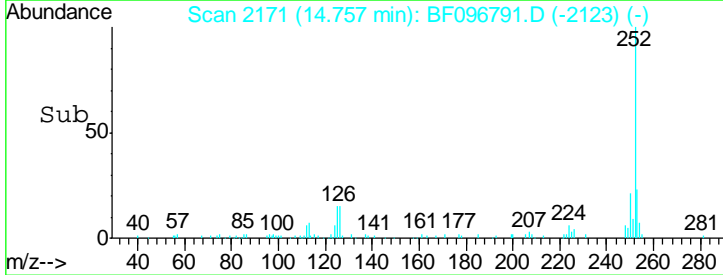
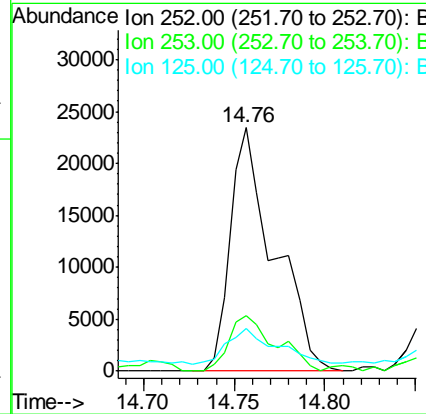
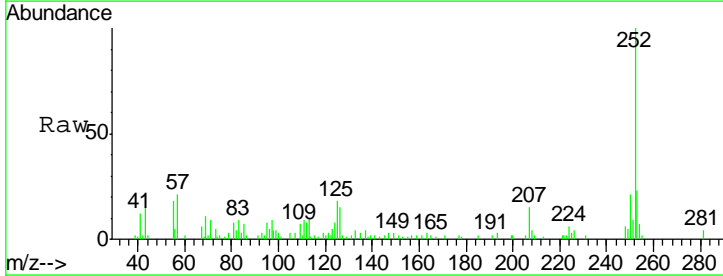
Instrument :
 BNA_F
 ClientSampled :

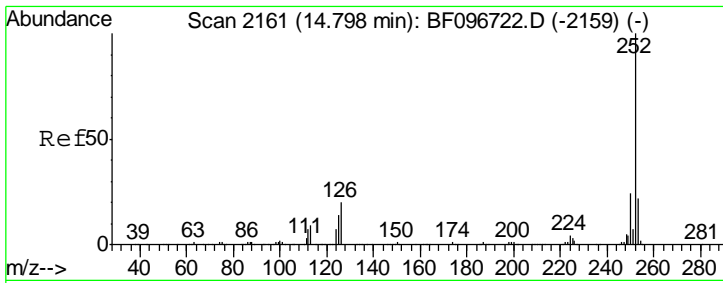
Tgt Ion	Resp	Lower	Upper
264	186264		
260	24.7	19.5	29.3
265	23.2	17.2	25.8



#87
 Benzo(b)fluoranthene
 Concen: 3.49 ng
 RT: 14.76 min Scan# 2171
 Delta R.T. -0.02 min
 Lab File: BF096791.D
 Acq: 15 Jul 2017 00:23

Tgt Ion	Resp	Lower	Upper
252	39176		
253	22.9	18.1	27.1
125	17.7	9.8	14.8#





#88
 Benzo(k)fluoranthene
 Concen: 3.68 ng
 RT: 14.76 min Scan# 2171
 Delta R.T. -0.04 min
 Lab File: BF096791.D
 Acq: 15 Jul 2017 00:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	17.7	13.1	19.7

