

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
 Data File : BF096364.D
 Acq On : 1 Jul 2017 4:16
 Operator : SJ/MA
 Sample : I3968-01
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 01 06:26:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

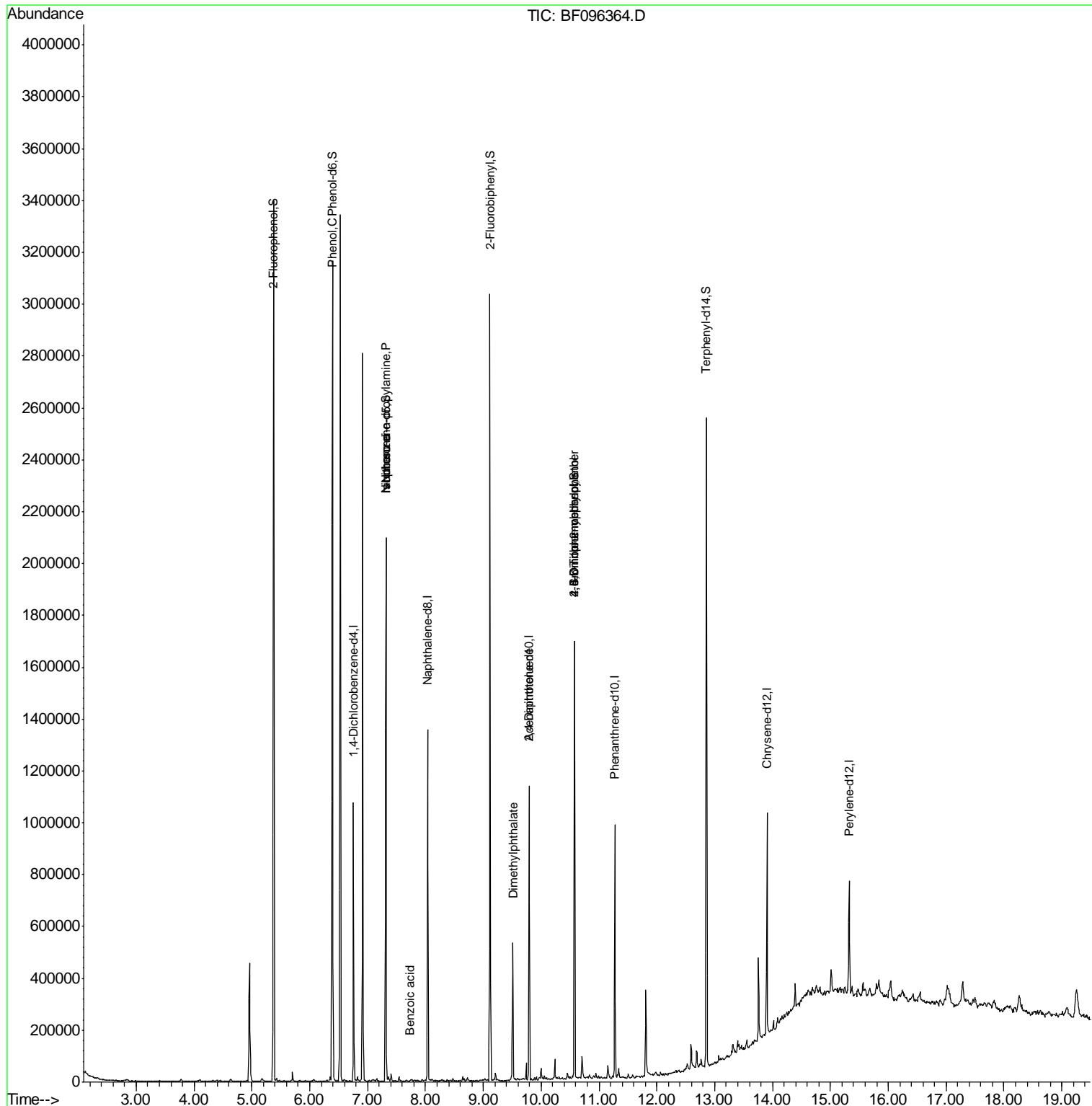
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	146872	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	556949	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	200410	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	332484	20.00	ng	-0.01
75) Chrysene-d12	13.90	240	287380	20.00	ng	-0.01
86) Perylene-d12	15.32	264	196827	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1010446	99.12	ng	0.00
7) Phenol-d6	6.39	99	1217956	98.66	ng	0.00
23) Nitrobenzene-d5	7.32	82	656611	81.61	ng	-0.04
41) 2,4,6-Tribromophenol	10.58	330	221811	140.64	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	998127	91.21	ng	-0.03
78) Terphenyl-d14	12.86	244	803368	69.76	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.39	77	2264	Below Cal	#	1
10) Phenol	6.40	94	33293	2.45	ng	92
19) n-Nitroso-di-n-propylamine	7.32	70	84746	11.46	ng	# 88
25) Isophorone	7.32	82	656605	35.94	ng	# 67
32) Benzoic acid	7.73	122	108	8.80	ng	# 43
49) Dimethylphthalate	9.51	163	198678	13.85	ng	98
56) 2,4-Dinitrotoluene	9.79	165	26029	6.92	ng	# 33
57) Fluorene	10.58	166	10217	Below Cal	#	84
64) 4,6-Dinitro-2-methylphenol	10.57	198	264	8.87	ng	# 1
66) 4-Bromophenyl-phenylether	10.58	248	11755	3.44	ng	# 1
70) Phenanthrene	11.29	178	722	Below Cal	#	64

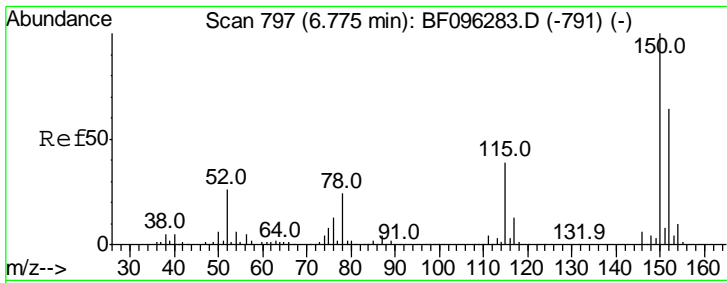
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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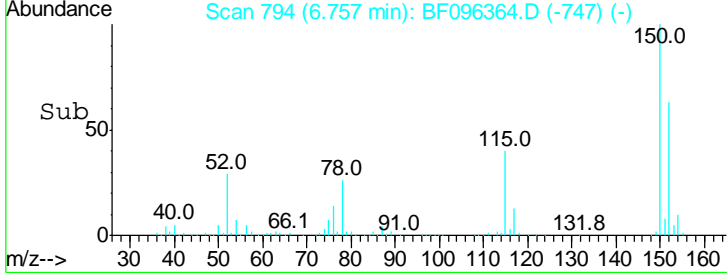
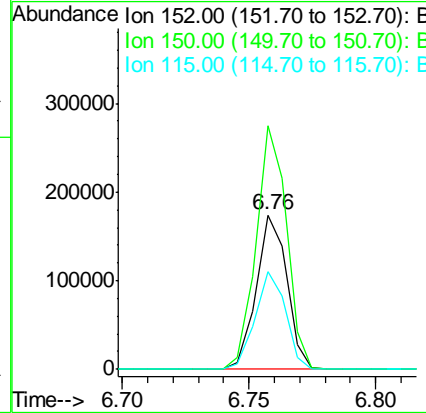
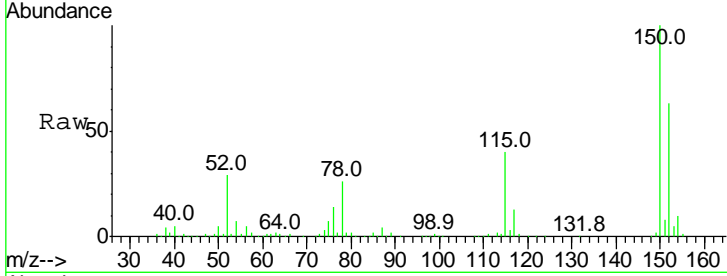


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BF096364.D
 Acq: 1 Jul 2017 4:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 146872

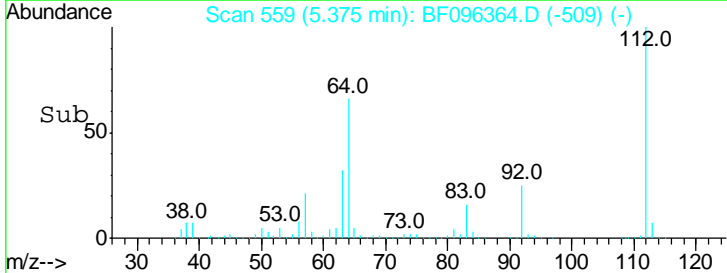
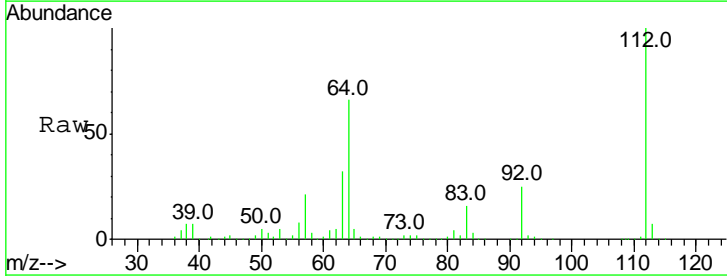
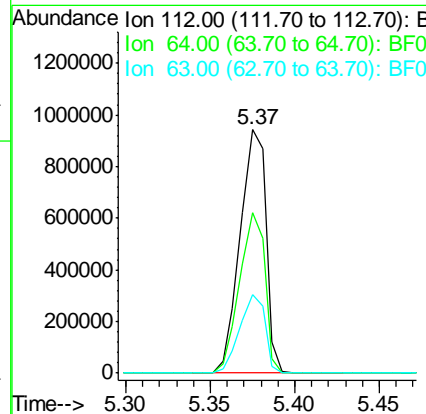
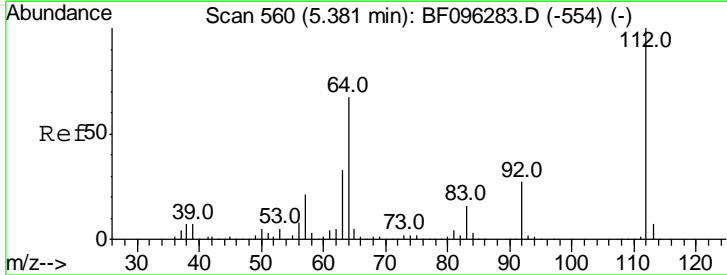
Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.2	189.2
115	63.7	52.2	78.2

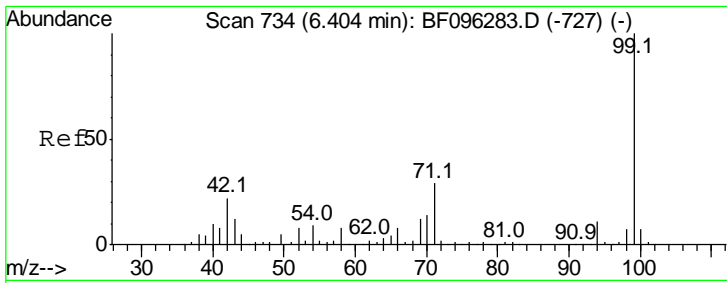


#5
 2-Fluorophenol
 Concen: 99.12 ng
 RT: 5.37 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: BF096364.D
 Acq: 1 Jul 2017 4:16

Tgt Ion:112 Resp: 1010446

Ion	Ratio	Lower	Upper
112	100		
64	66.1	46.0	69.0
63	32.4	23.4	35.0



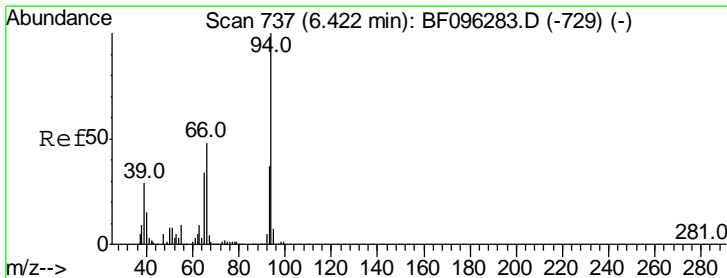
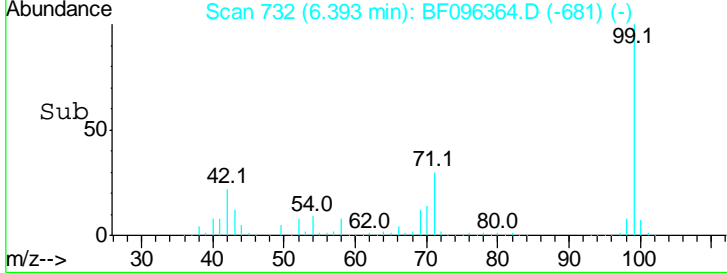
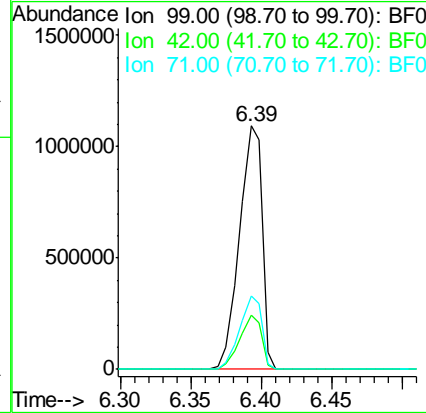
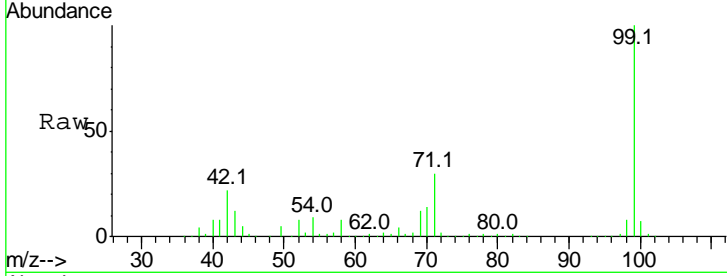


#7
 Phenol-d6
 Concen: 98.66 ng
 RT: 6.39 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF096364.D
 Acq: 1 Jul 2017 4:16

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion: 99 Resp: 1217956

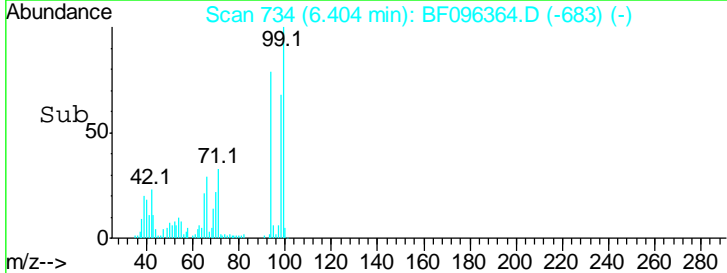
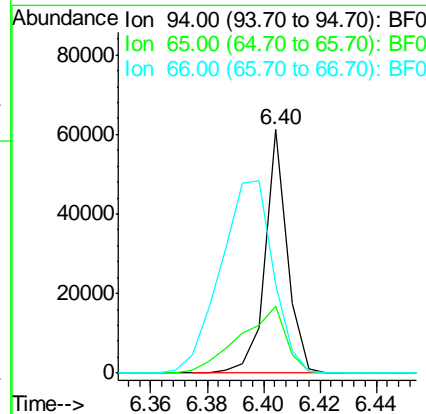
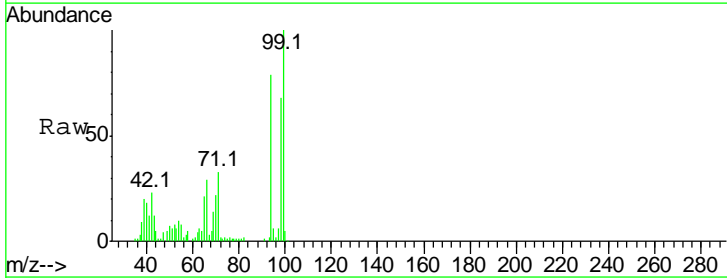
Ion	Ratio	Lower	Upper
99	100		
42	22.4	13.5	20.3#
71	30.1	24.5	36.7

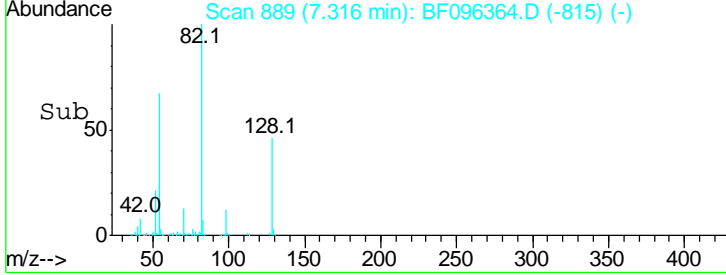
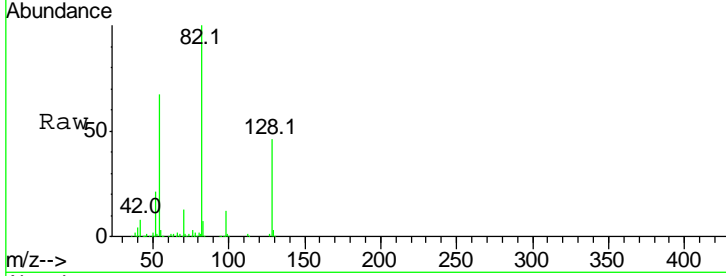
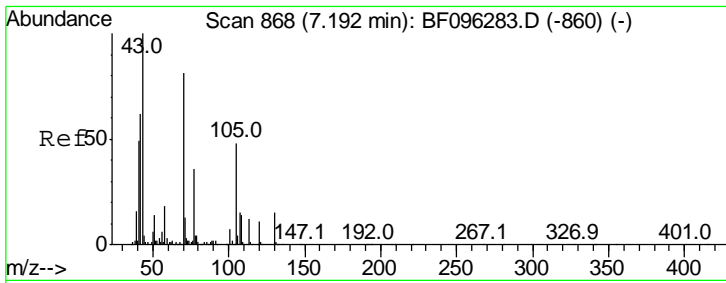


#10
 Phenol
 Concen: 2.45 ng
 RT: 6.40 min Scan# 734
 Delta R.T. -0.00 min
 Lab File: BF096364.D
 Acq: 1 Jul 2017 4:16

Tgt Ion: 94 Resp: 33293

Ion	Ratio	Lower	Upper
94	100		
65	27.3	9.9	49.9
66	36.3	23.1	63.1

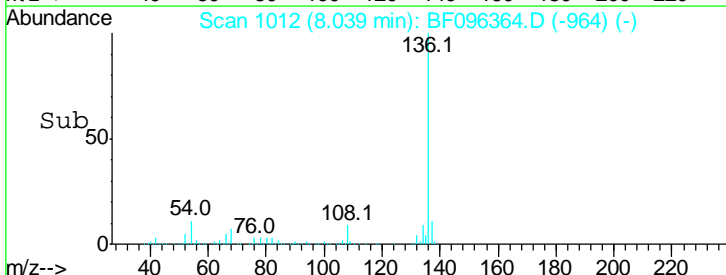
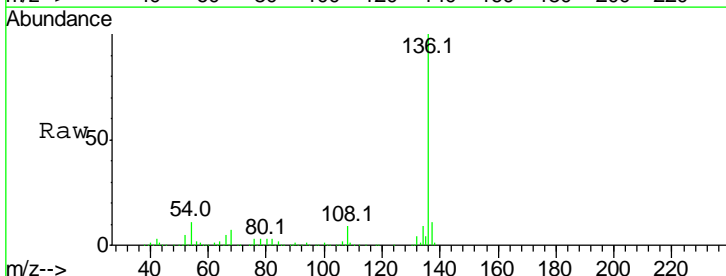
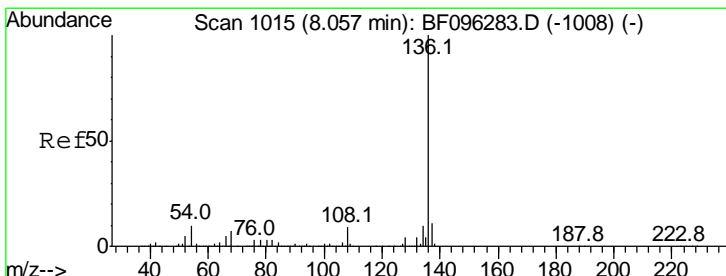
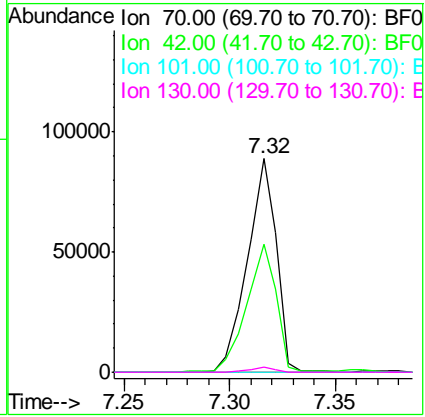




#19
 n-Nitroso-di-n-propylamine
 Concen: 11.46 ng
 RT: 7.32 min Scan# 889
 Delta R.T. 0.14 min
 Lab File: BF096364.D
 Acq: 1 Jul 2017 4:16

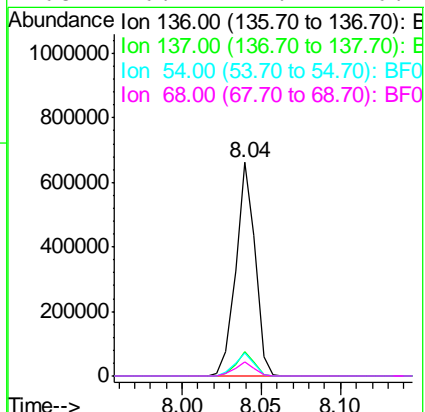
Instrument :
 BNA_F
 ClientSampled :

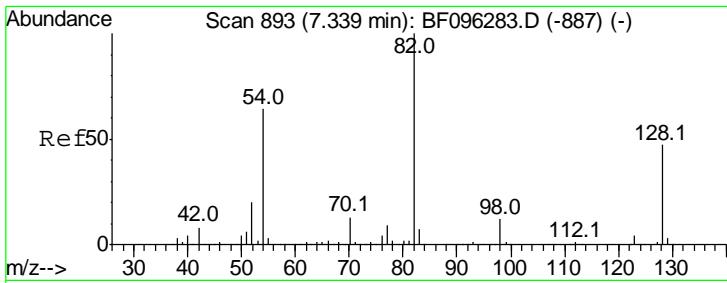
Tgt Ion	Resp	Lower	Upper
70	100		
42	60.0	47.2	70.8
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.02 min
 Lab File: BF096364.D
 Acq: 1 Jul 2017 4:16

Tgt Ion	Resp	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	10.9	4.9	7.3#
68	6.7	4.1	6.1#

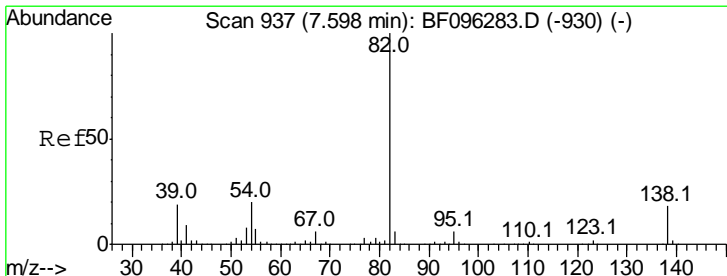
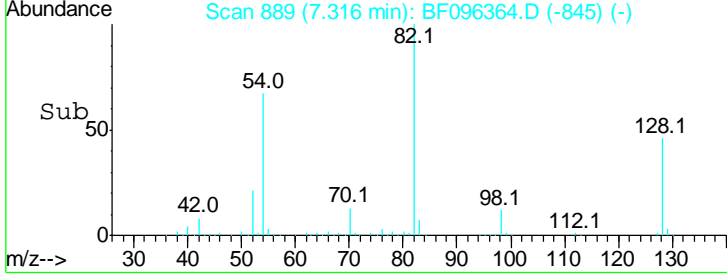
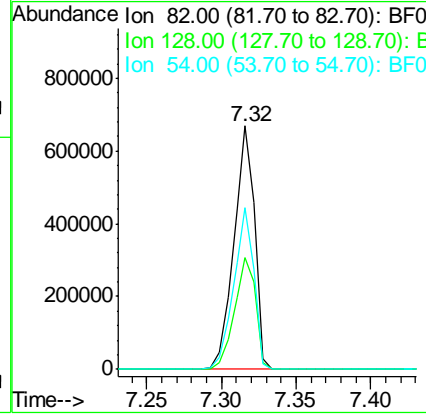
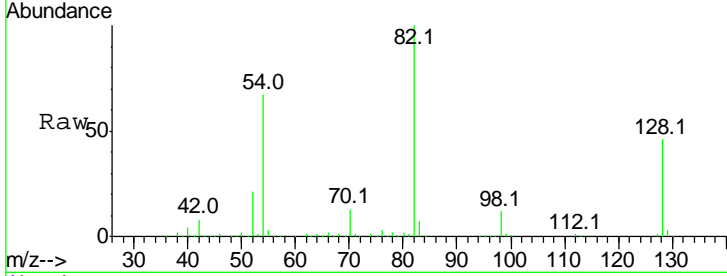




#23
 Nitrobenzene-d5
 Concen: 81.61 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.04 min
 Lab File: BF096364.D
 Acq: 1 Jul 2017 4:16

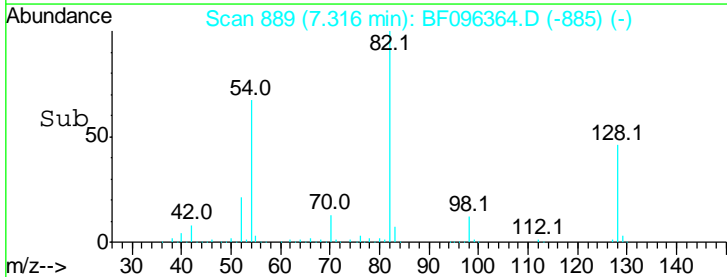
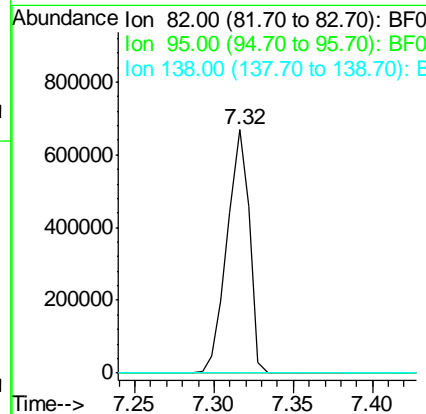
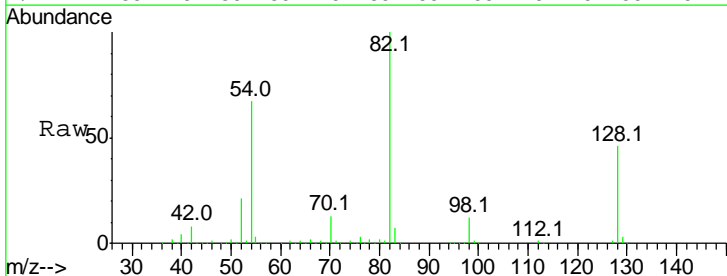
Instrument :
 BNA_F
 ClientSampleId :

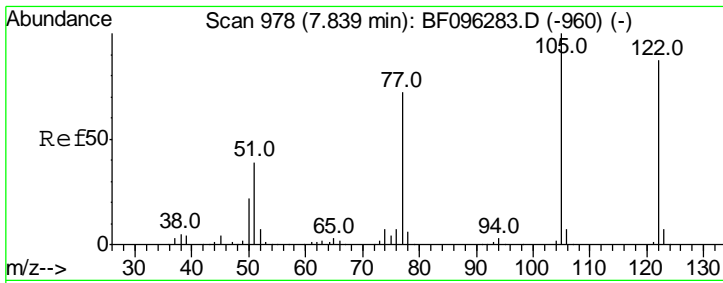
Tgt Ion	Resp	Lower	Upper
82	100		
128	46.1	34.0	51.0
54	66.6	42.2	63.2#



#25
 Isophorone
 Concen: 35.94 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.28 min
 Lab File: BF096364.D
 Acq: 1 Jul 2017 4:16

Tgt Ion	Resp	Lower	Upper
82	100		
95	0.1	5.3	7.9#
138	0.0	13.1	19.7#

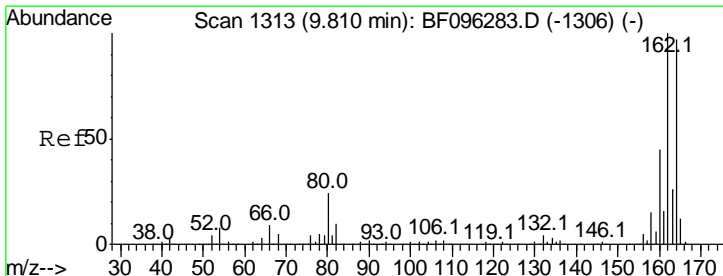
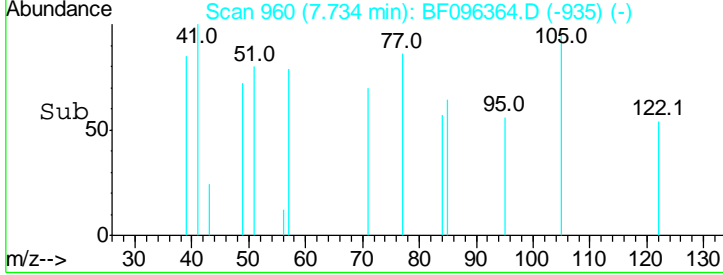
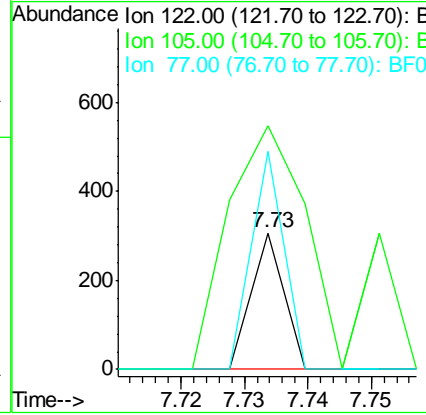
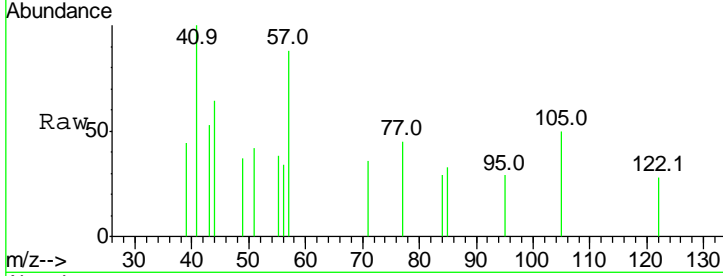




#32
 Benzoic acid
 Concen: 8.80 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.15 min
 Lab File: BF096364.D
 Acq: 1 Jul 2017 4:16

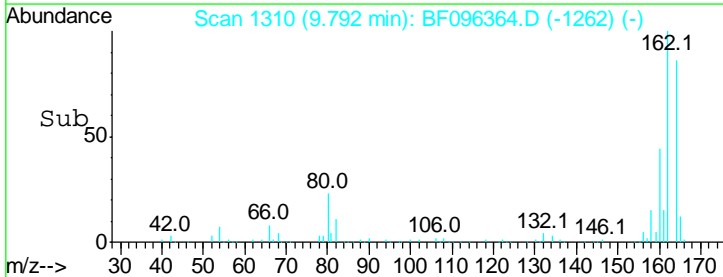
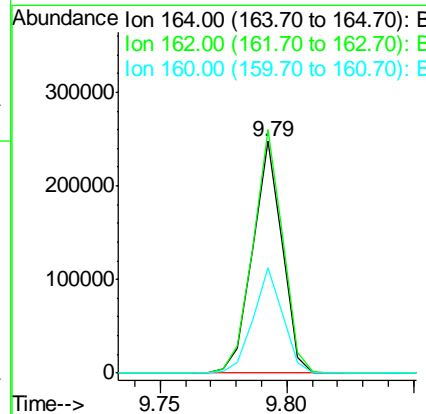
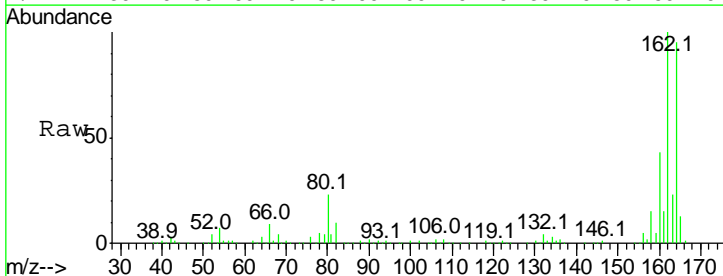
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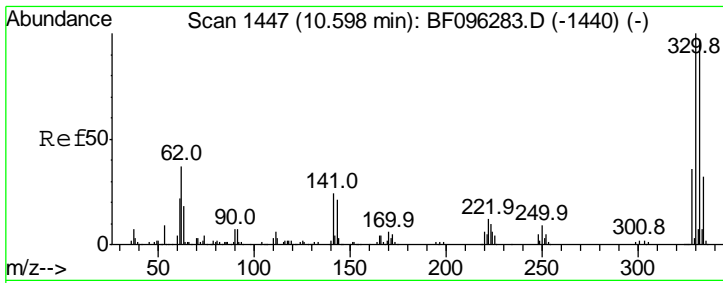
Tgt Ion	Resp	Lower	Upper
122	108		
105	178.2	103.3	143.3#
77	159.6	73.7	113.7#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.02 min
 Lab File: BF096364.D
 Acq: 1 Jul 2017 4:16

Tgt Ion	Resp	Lower	Upper
164	100		
162	105.2	82.6	123.8
160	45.5	36.2	54.2

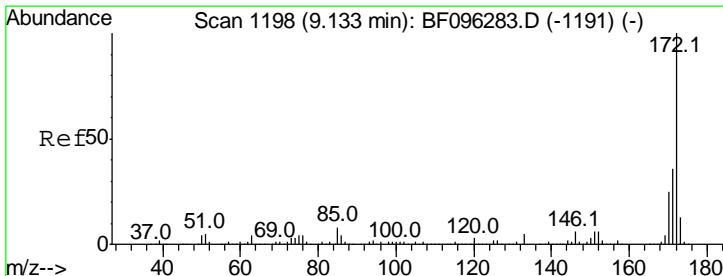
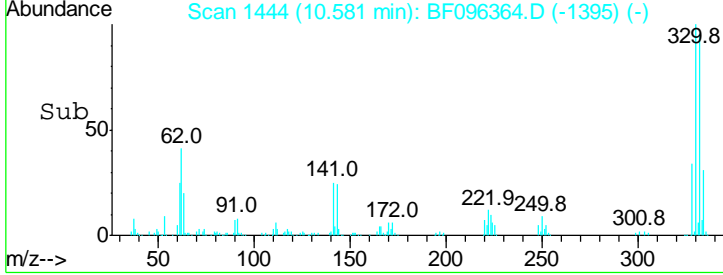
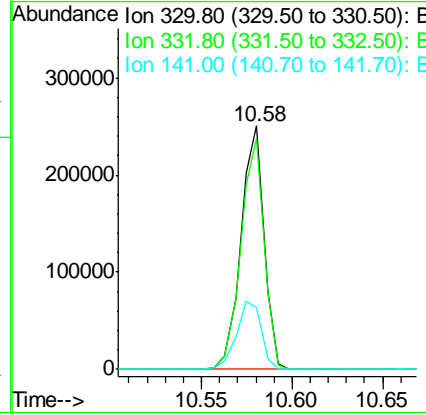
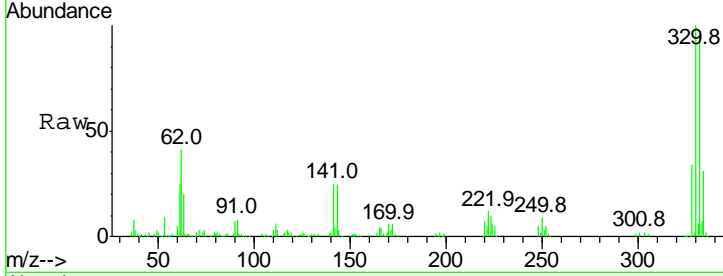




#41
 2,4,6-Tribromophenol
 Concen: 140.64 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF096364.D
 Acq: 1 Jul 2017 4:16

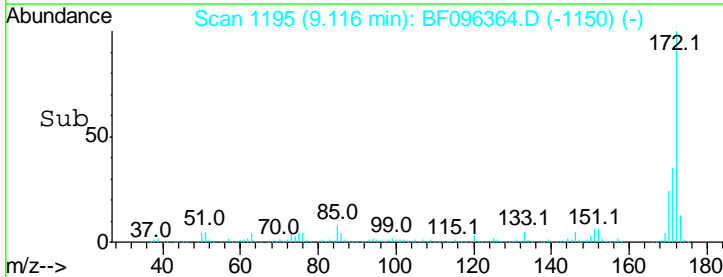
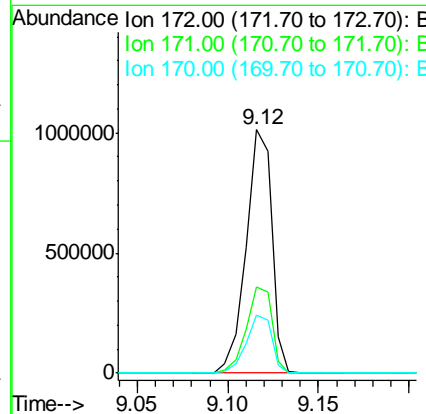
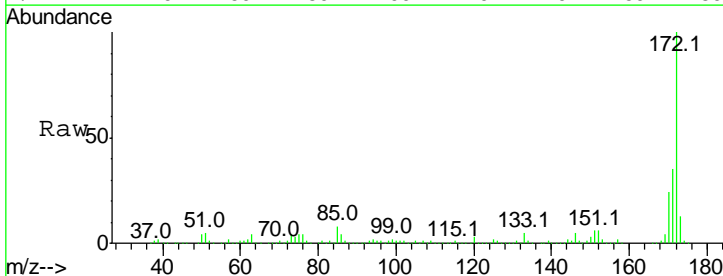
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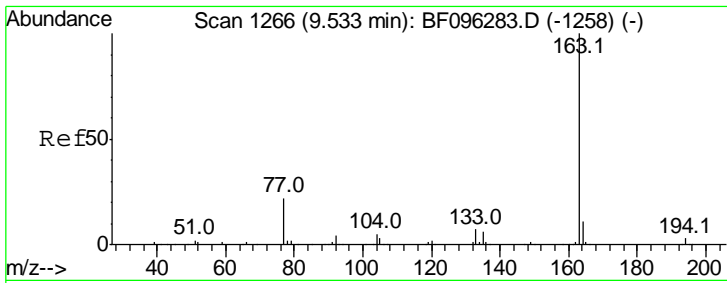
Tgt Ion	Resp	Lower	Upper
330	100		
332	95.5	76.6	115.0
141	30.2	31.4	47.2#



#44
 2-Fluorobiphenyl
 Concen: 91.21 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.03 min
 Lab File: BF096364.D
 Acq: 1 Jul 2017 4:16

Tgt Ion	Resp	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	23.9	19.8	29.8



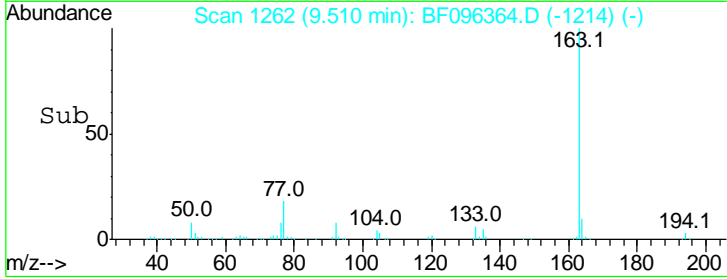
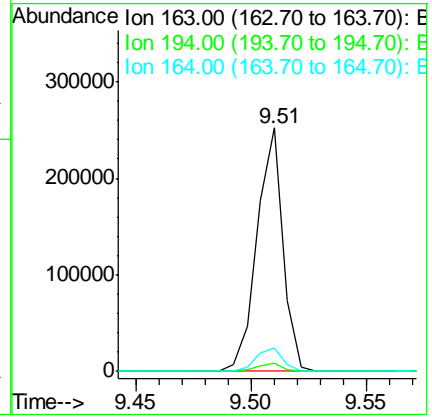
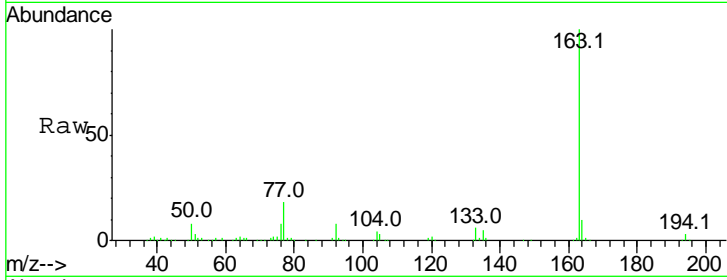


#49
 Dimethylphthalate
 Concen: 13.85 ng
 RT: 9.51 min Scan# 1262
 Delta R.T. -0.02 min
 Lab File: BF096364.D
 Acq: 1 Jul 2017 4:16

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:163 Resp: 198678

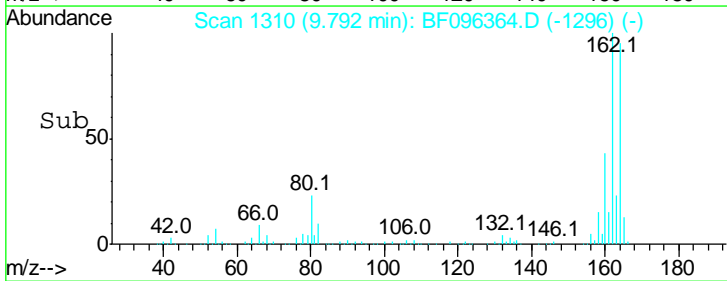
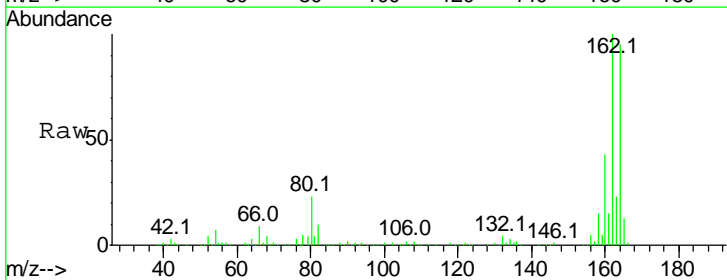
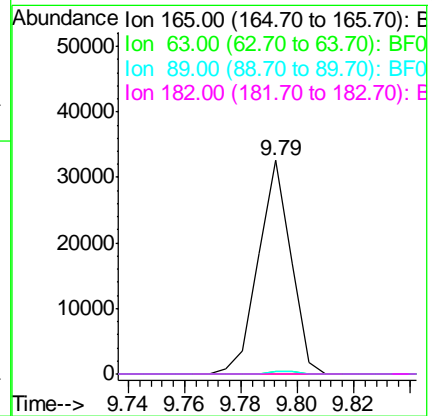
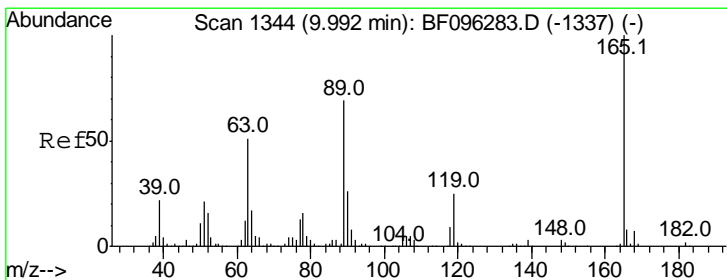
Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.7	8.4	12.6

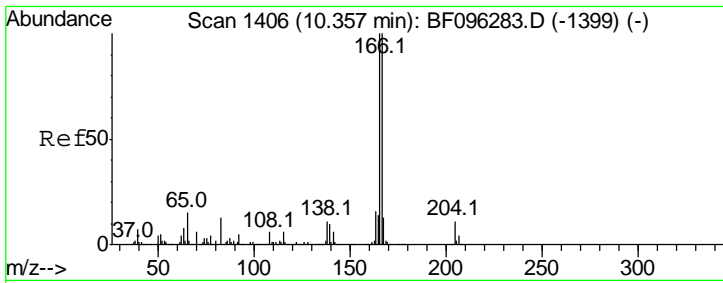


#56
 2,4-Dinitrotoluene
 Concen: 6.92 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.22 min
 Lab File: BF096364.D
 Acq: 1 Jul 2017 4:16

Tgt Ion:165 Resp: 26029

Ion	Ratio	Lower	Upper
165	100		
63	0.9	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#

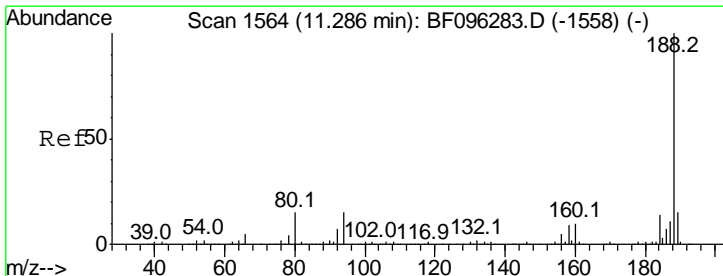
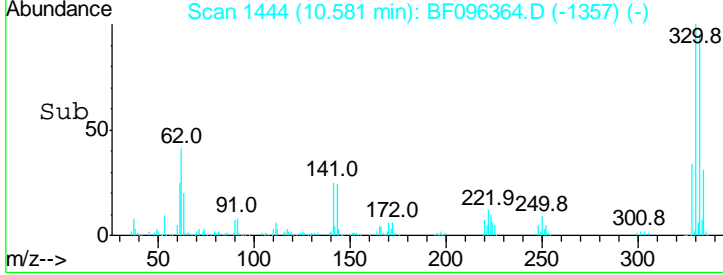
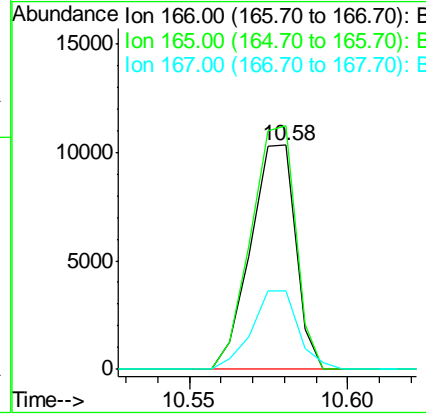
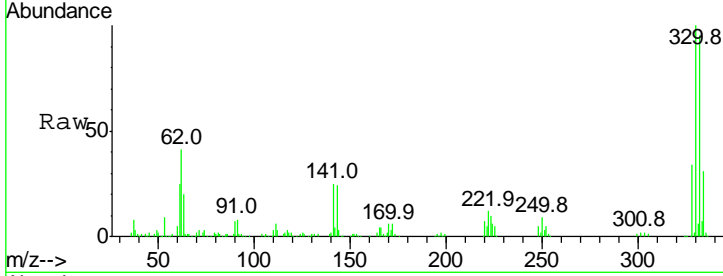




#57
 Fluorene
 Concen: Below Cal
 RT: 10.58 min Scan# 1444
 Delta R.T. 0.21 min
 Lab File: BF096364.D
 Acq: 1 Jul 2017 4:16

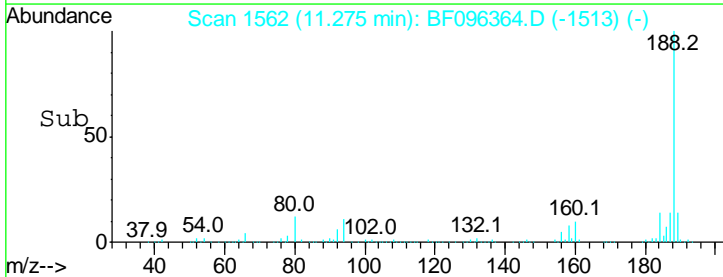
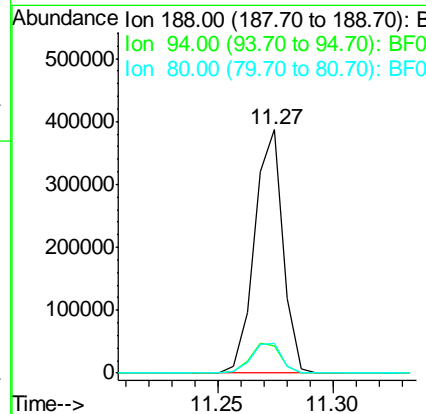
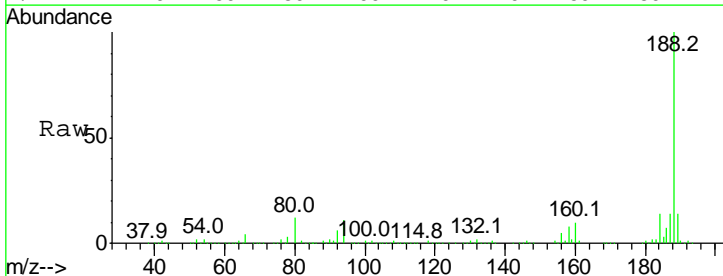
Instrument :
 BNA_F
 ClientSampled :

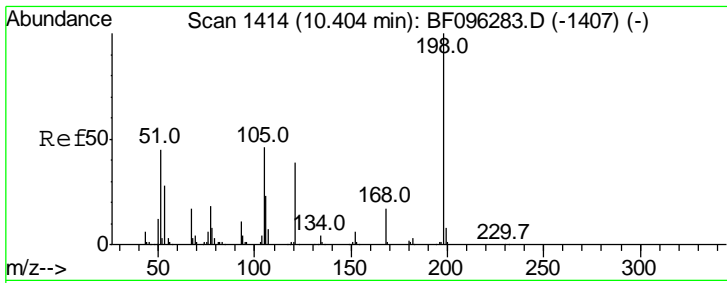
Tgt Ion	Resp	Lower	Upper
166	10217		
165	108.8	78.8	118.2
167	34.8	10.6	16.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.01 min
 Lab File: BF096364.D
 Acq: 1 Jul 2017 4:16

Tgt Ion	Resp	Lower	Upper
188	332484		
94	11.3	9.4	14.2
80	12.1	10.2	15.2

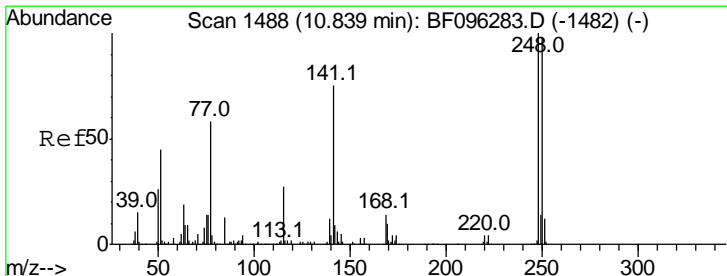
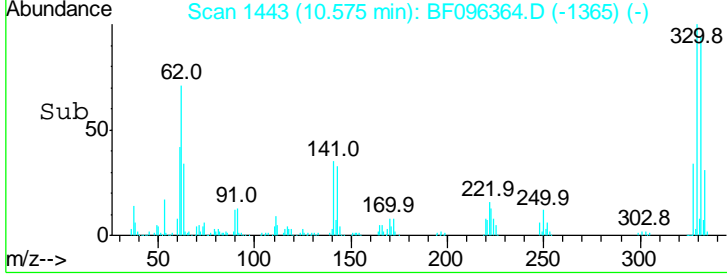
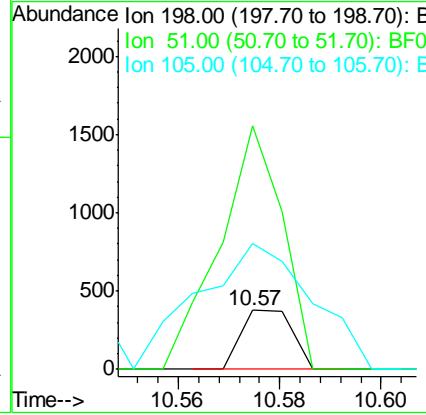
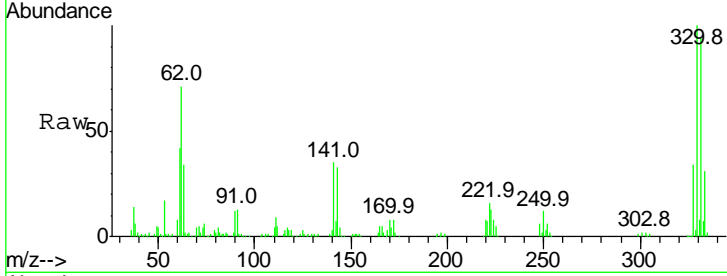




#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.87 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.16 min
 Lab File: BF096364.D
 Acq: 1 Jul 2017 4:16

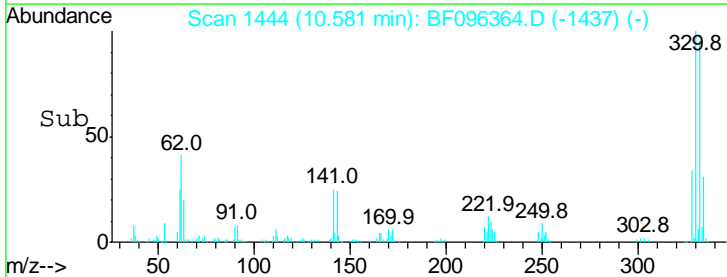
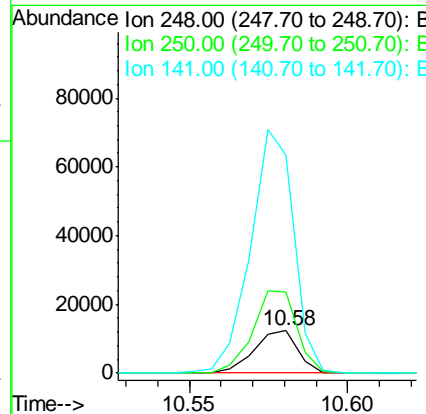
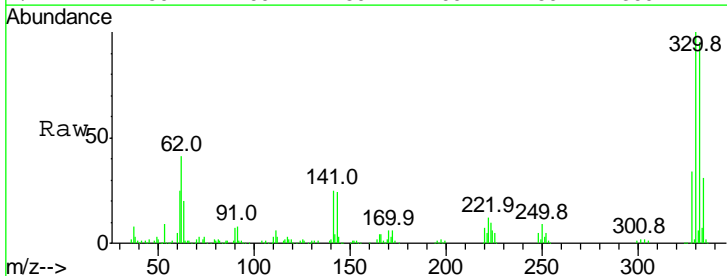
Instrument :
 BNA_F
 ClientSampled :

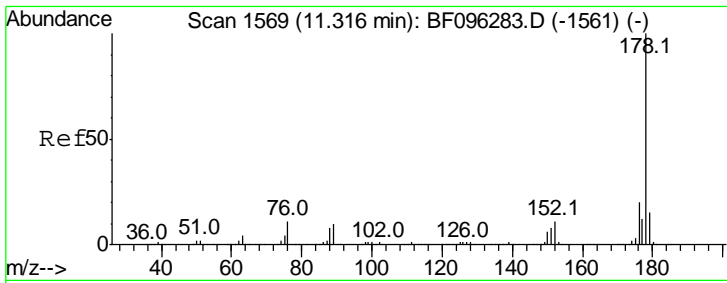
Tgt Ion	Resp	Lower	Upper
198	100		
51	413.8	53.2	93.2#
105	212.8	45.8	85.8#



#66
 4-Bromophenyl-phenylether
 Concen: 3.44 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.26 min
 Lab File: BF096364.D
 Acq: 1 Jul 2017 4:16

Tgt Ion	Resp	Lower	Upper
248	100		
250	191.6	76.8	115.2#
141	513.9	68.6	103.0#



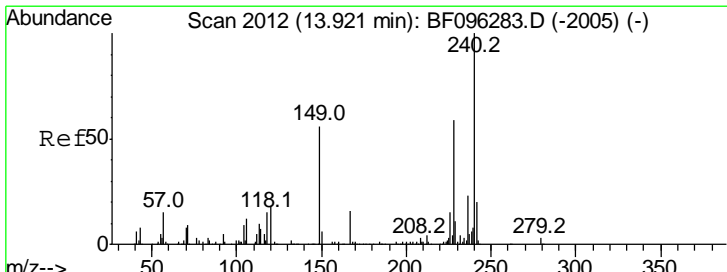
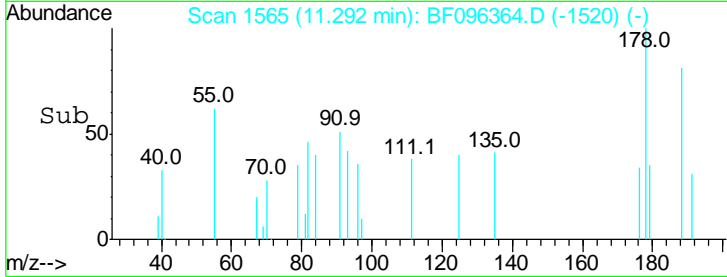
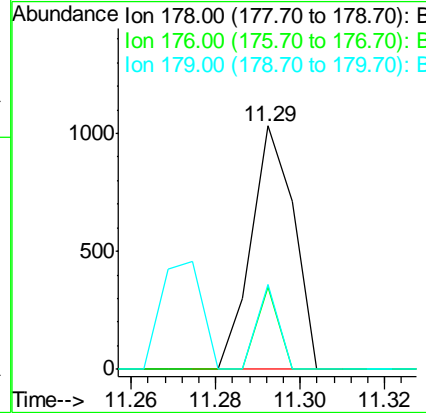
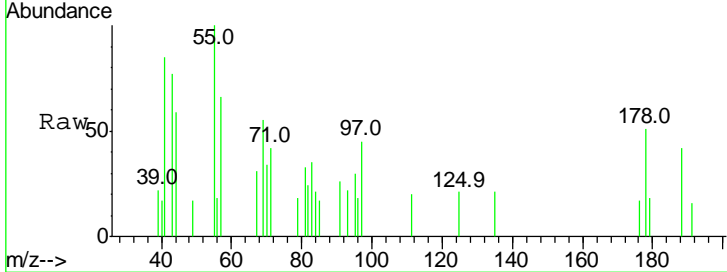


#70
 Phenanthrene
 Concen: Below Cal
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.03 min
 Lab File: BF096364.D
 Acq: 1 Jul 2017 4:16

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion: 178 Resp: 722

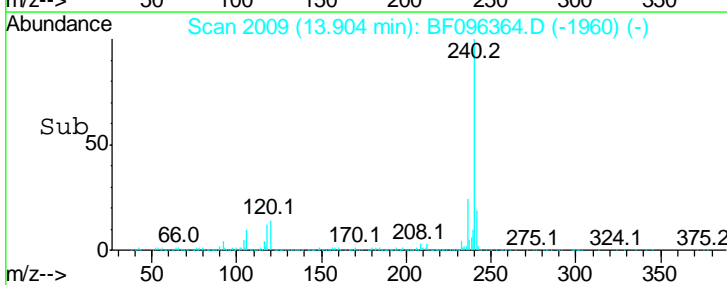
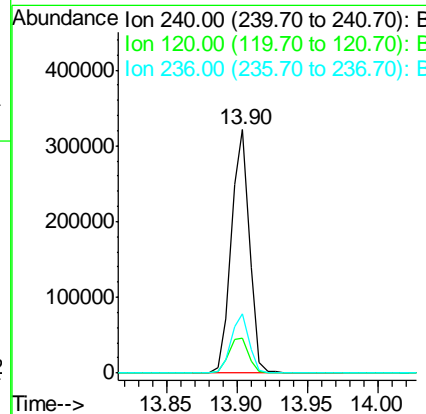
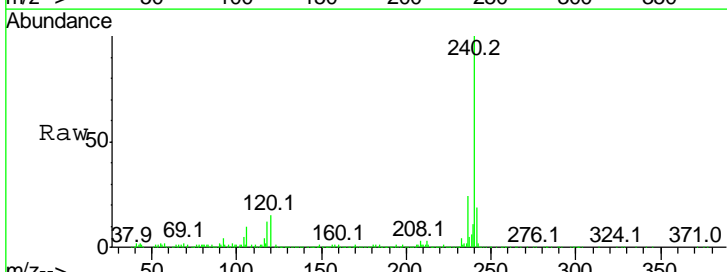
Ion	Ratio	Lower	Upper
178	100		
176	34.0	16.2	24.4#
179	34.8	12.6	19.0#

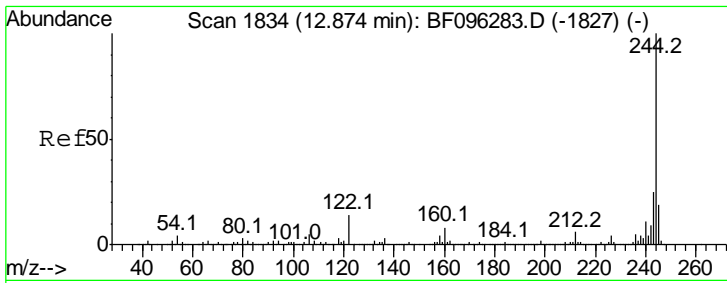


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF096364.D
 Acq: 1 Jul 2017 4:16

Tgt Ion: 240 Resp: 287380

Ion	Ratio	Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	24.1	20.5	30.7

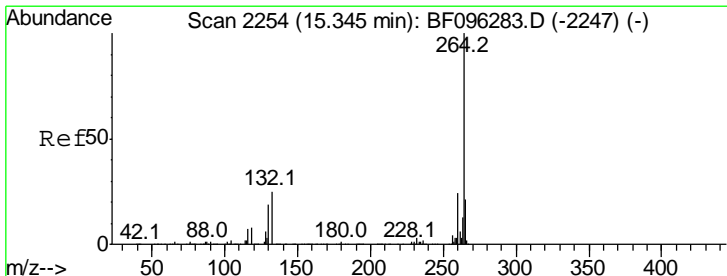
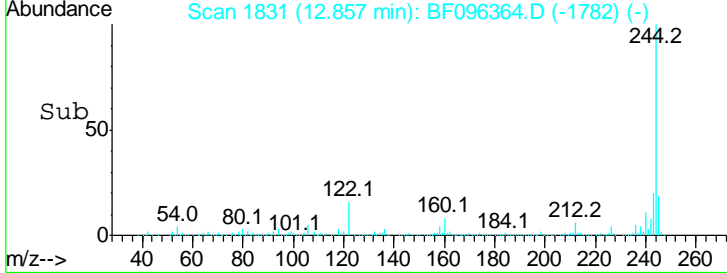
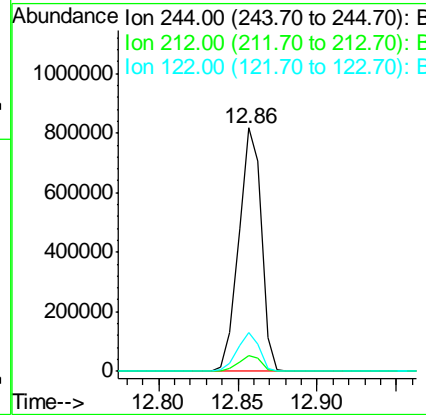
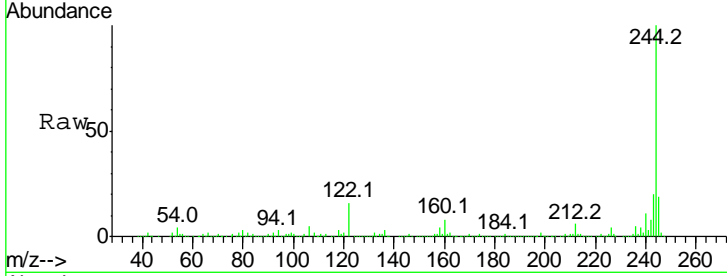




#78
 Terphenyl-d14
 Concen: 69.76 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BF096364.D
 Acq: 1 Jul 2017 4:16

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	16.0	10.3	15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. -0.02 min
 Lab File: BF096364.D
 Acq: 1 Jul 2017 4:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.3	17.2	25.8

