

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
 Data File : BF098054.D
 Acq On : 26 Aug 2017 2:23
 Operator : SJ/JU
 Sample : I4944-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 4-1-DRUMS-COMP

Quant Time: Aug 26 02:54:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

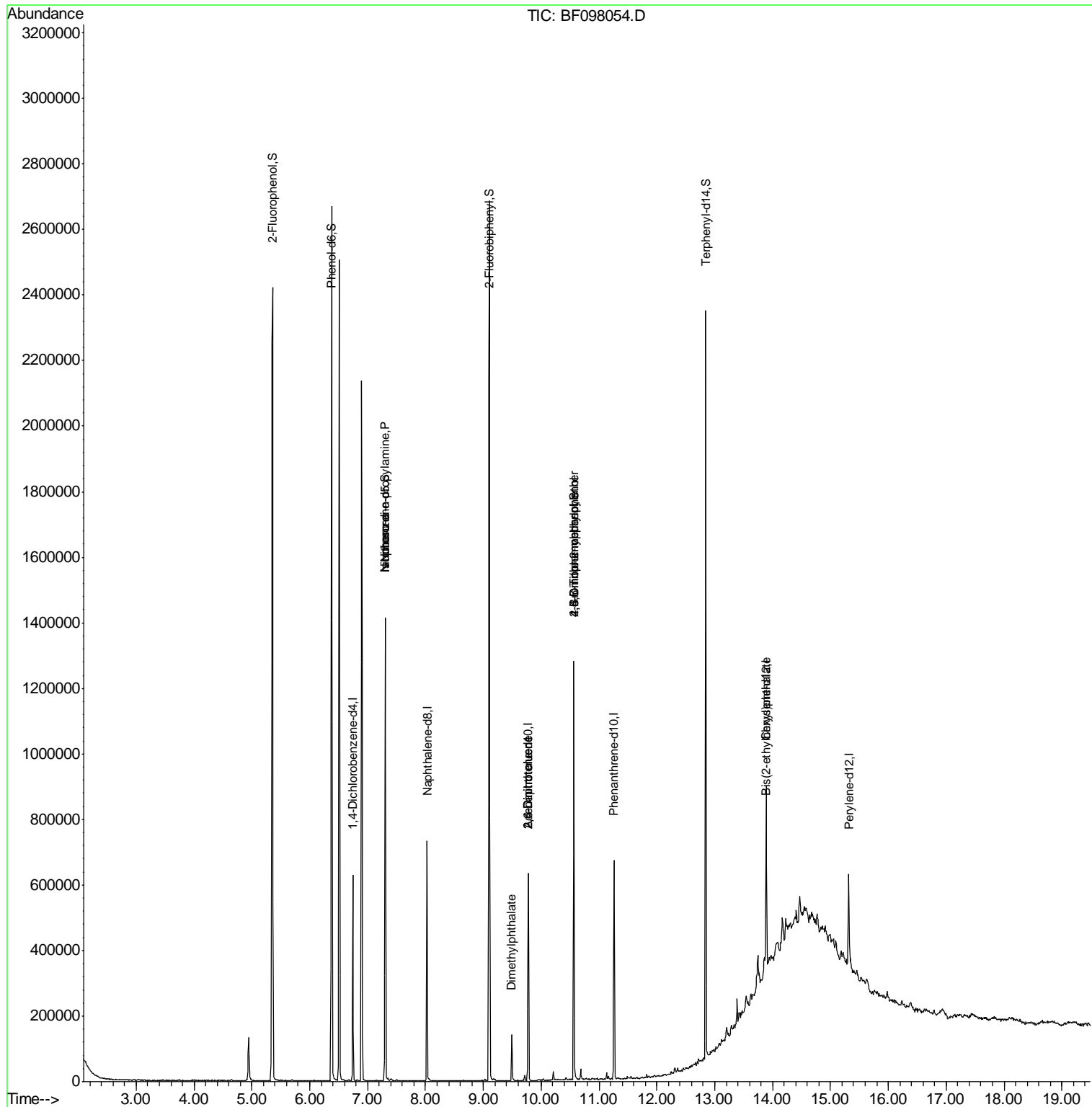
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	6.75	152	91713	20.00	ng	0.00	
21) Naphthalene-d8	8.03	136	331992	20.00	ng	0.00	
38) Acenaphthene-d10	9.77	164	122509	20.00	ng	-0.01	
63) Phenanthrene-d10	11.26	188	227489	20.00	ng	0.00	
75) Chrysene-d12	13.89	240	186079	20.00	ng	0.00	
86) Perylene-d12	15.32	264	128814	20.00	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	720862	119.56	ng	0.00	
7) Phenol-d6	6.38	99	981544	119.81	ng	0.00	
23) Nitrobenzene-d5	7.30	82	507036	82.97	ng	-0.02	
41) 2,4,6-Tribromophenol	10.57	330	137281	129.15	ng	0.00	
44) 2-Fluorobiphenyl	9.10	172	811820	97.36	ng	0.00	
78) Terphenyl-d14	12.84	244	682576	76.49	ng	0.00	
Target Compounds							
19) n-Nitroso-di-n-propylamine	7.30	70	67994	12.12	ng	#	73
25) Isophorone	7.30	82	494803	38.94	ng	#	67
49) Dimethylphthalate	9.50	163	53679	5.99	ng		99
50) 2,6-Dinitrotoluene	9.77	165	15533	8.69	ng	#	33
56) 2,4-Dinitrotoluene	9.77	165	15533	6.92	ng	#	32
64) 4,6-Dinitro-2-methylphenol	10.57	198	270	8.53	ng	#	1
66) 4-Bromophenyl-phenylether	10.56	248	9362	3.96	ng	#	1
83) Bis(2-ethylhexyl)phthalate	13.88	149	13295	2.06	ng	#	96

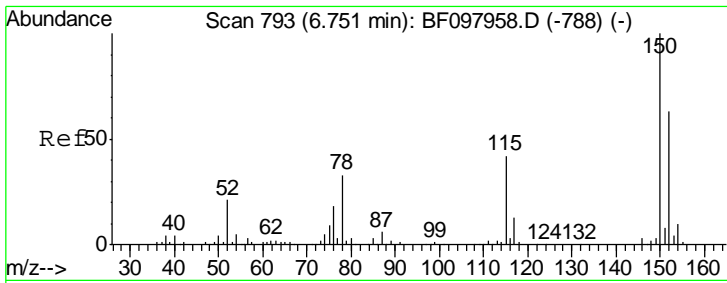
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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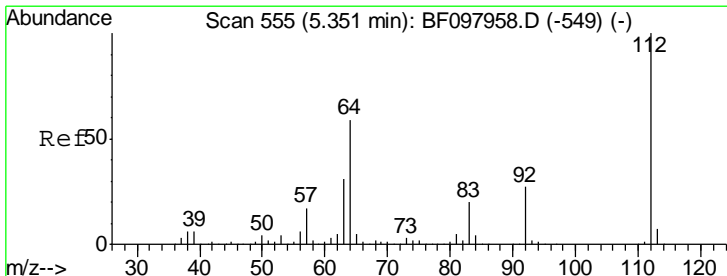
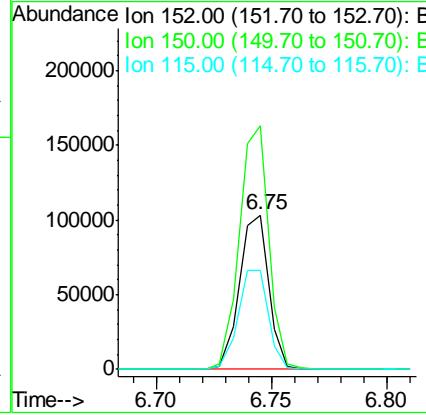
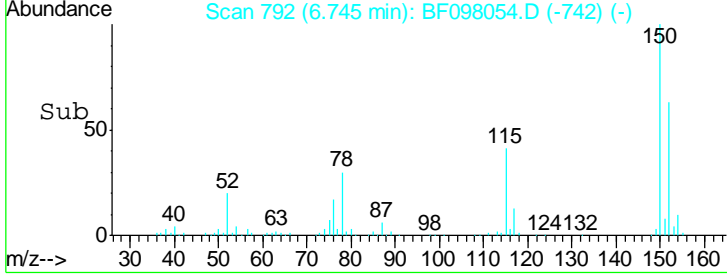
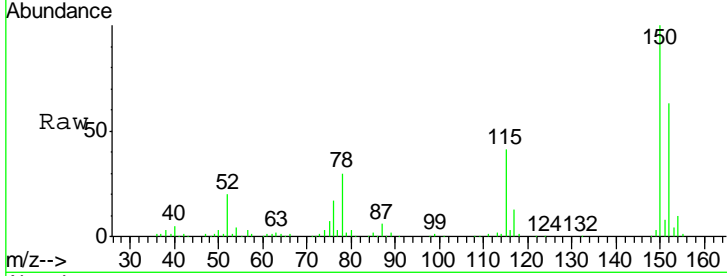




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF098054.D
 Acq: 26 Aug 2017 2:23

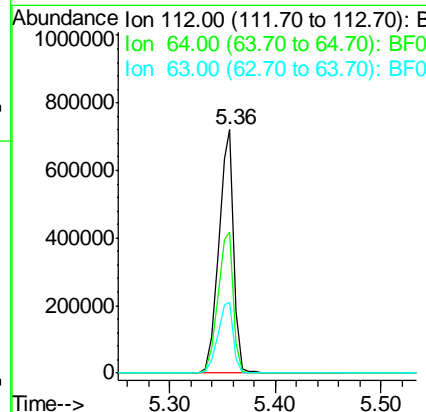
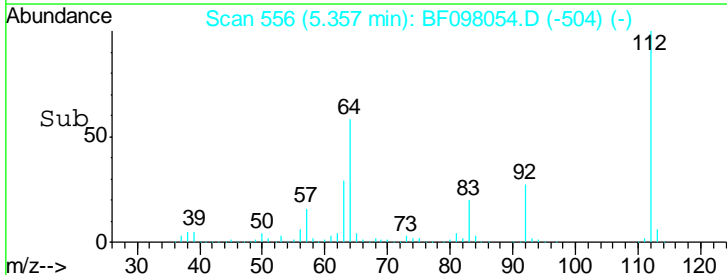
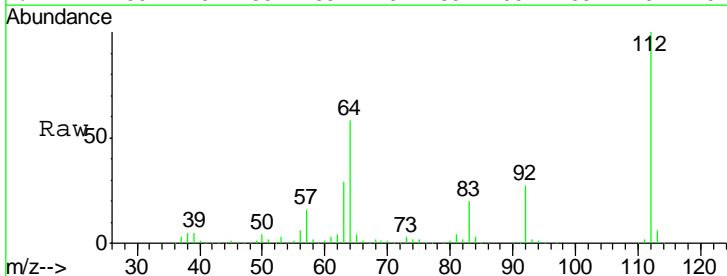
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ClientSampleId :
 4-1-DRUMS-COMP

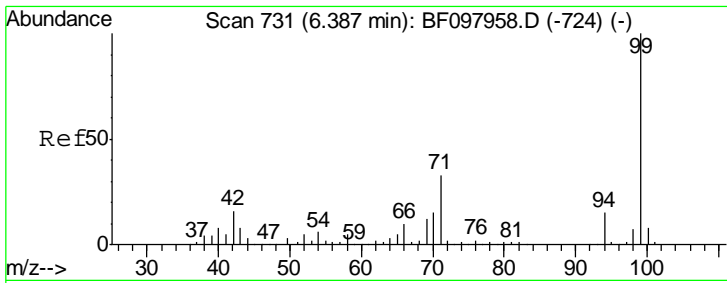
Tgt Ion	Resp	Lower	Upper
152	91713		
150	157.5	126.2	189.2
115	64.3	52.2	78.2



#5
 2-Fluorophenol
 Concen: 119.56 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF098054.D
 Acq: 26 Aug 2017 2:23

Tgt Ion	Resp	Lower	Upper
112	720862		
64	58.0	46.0	69.0
63	29.1	23.4	35.0

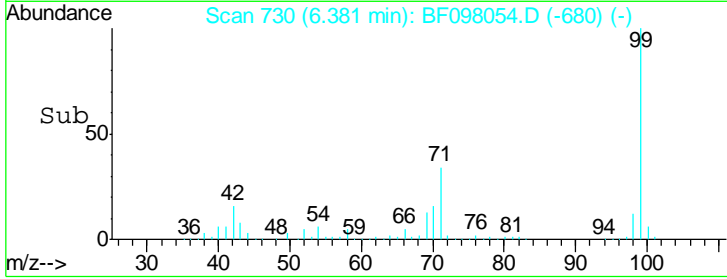
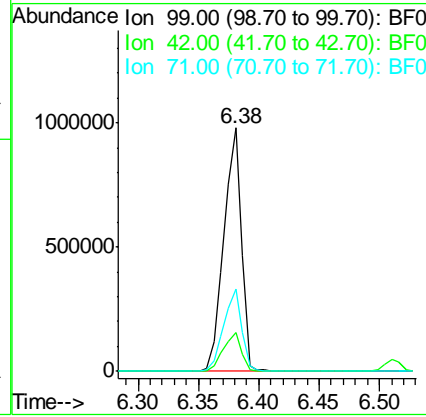
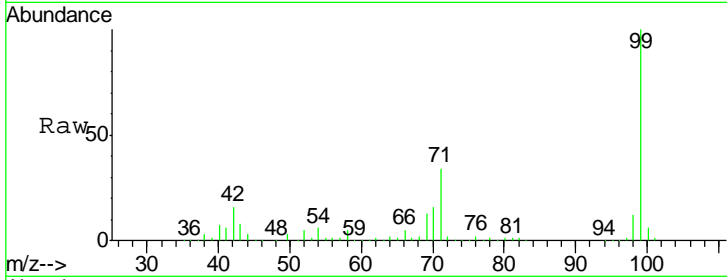




#7
 Phenol-d6
 Concen: 119.81 ng
 RT: 6.38 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF098054.D
 Acq: 26 Aug 2017 2:23

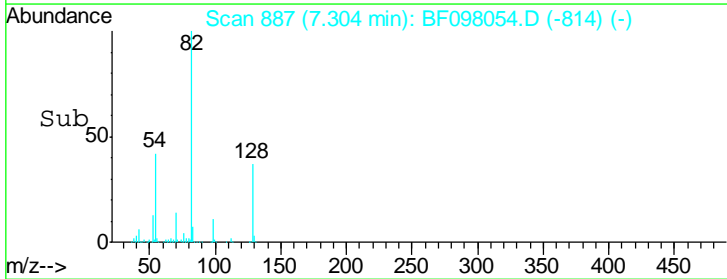
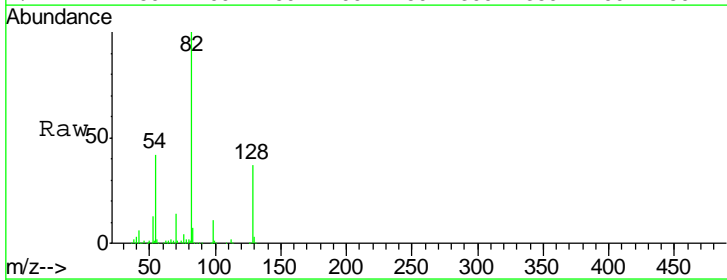
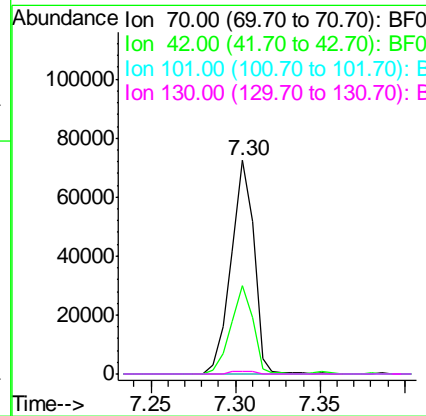
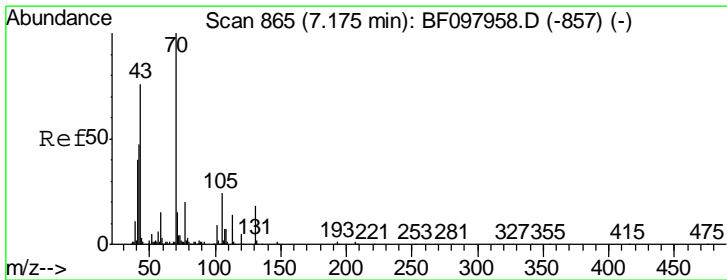
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ClientSampled :
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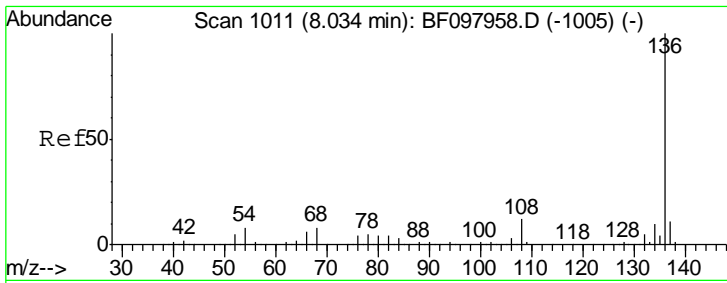
Tgt Ion	Resp	Lower	Upper
99	981544		
42	15.8	13.5	20.3
71	33.9	24.5	36.7



#19
 n-Nitroso-di-n-propylamine
 Concen: 12.12 ng
 RT: 7.30 min Scan# 887
 Delta R.T. 0.13 min
 Lab File: BF098054.D
 Acq: 26 Aug 2017 2:23

Tgt Ion	Resp	Lower	Upper
70	67994		
42	41.5	47.2	70.8#
101	0.0	7.2	10.8#
130	1.4	15.9	23.9#



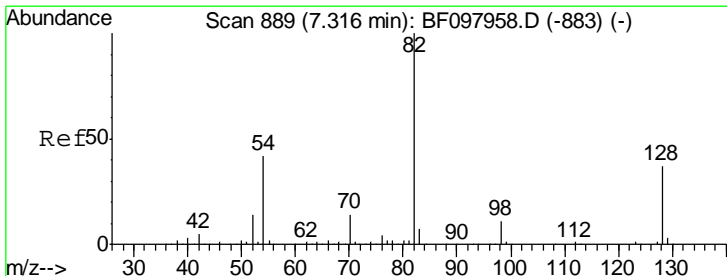
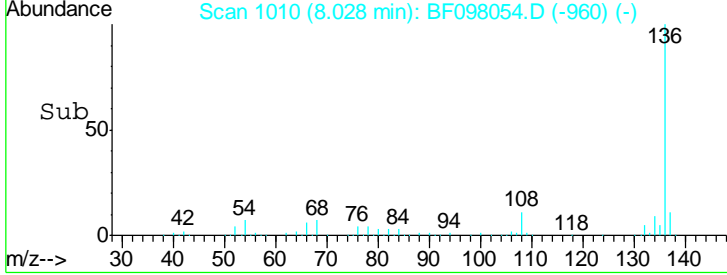
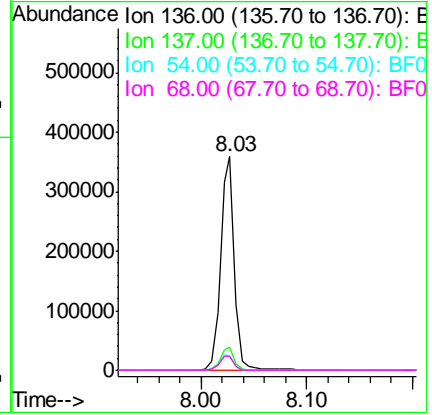
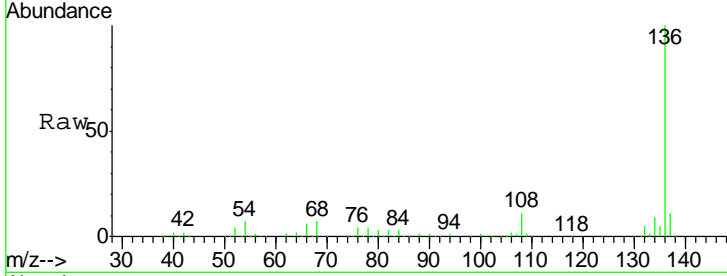


#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BF098054.D
 Acq: 26 Aug 2017 2:23

Instrument :
 BNA_F
ClientSampled :
 4-1-DRUMS-COMP

Tgt Ion: 136 Resp: 331992

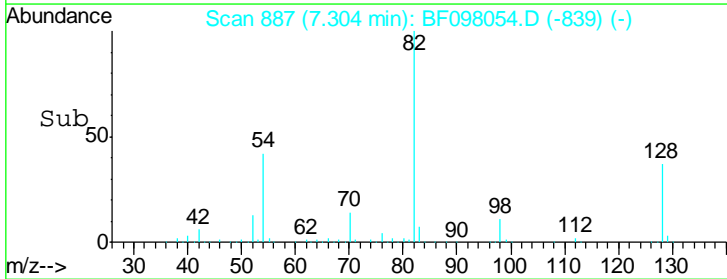
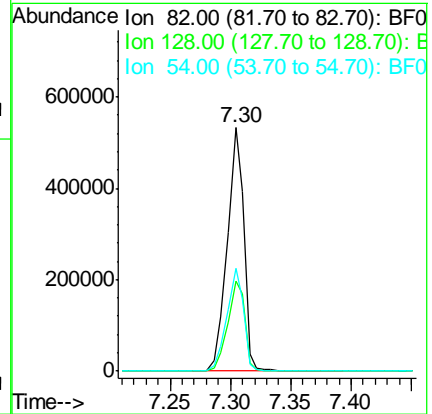
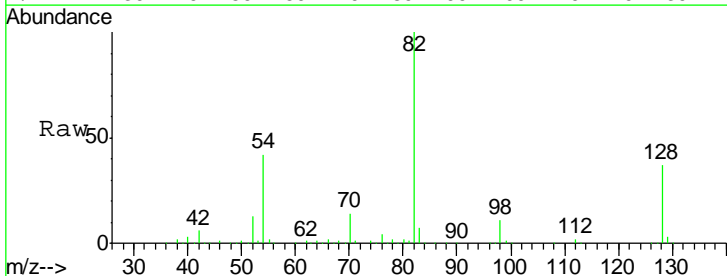
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	6.8	4.9	7.3
68	6.8	4.1	6.1#

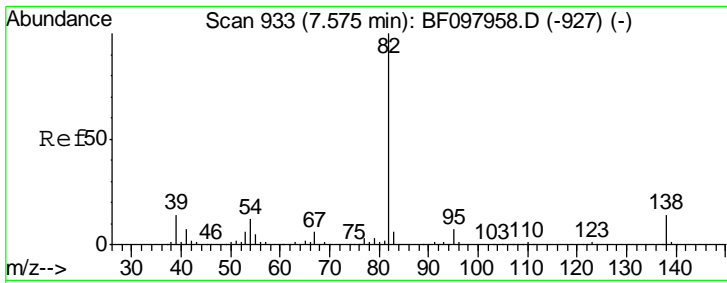


#23
 Nitrobenzene-d5
 Concen: 82.97 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF098054.D
 Acq: 26 Aug 2017 2:23

Tgt Ion: 82 Resp: 507036

Ion	Ratio	Lower	Upper
82	100		
128	37.0	34.0	51.0
54	42.2	42.2	63.2

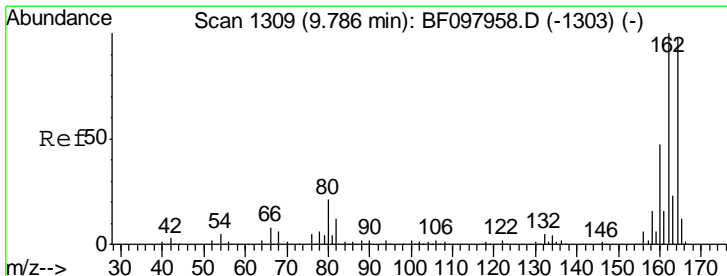
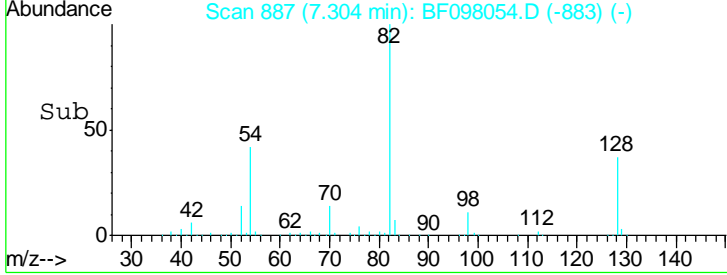
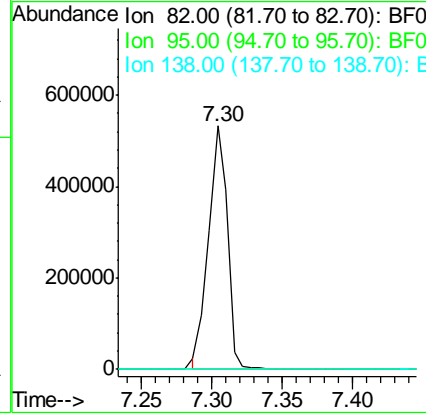
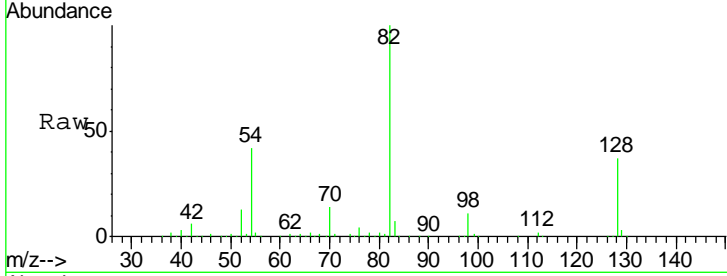




#25
 Isophorone
 Concen: 38.94 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.28 min
 Lab File: BF098054.D
 Acq: 26 Aug 2017 2:23

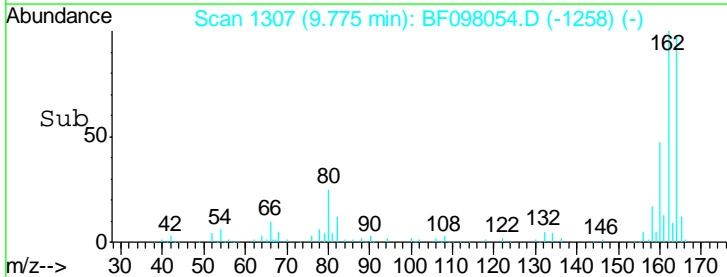
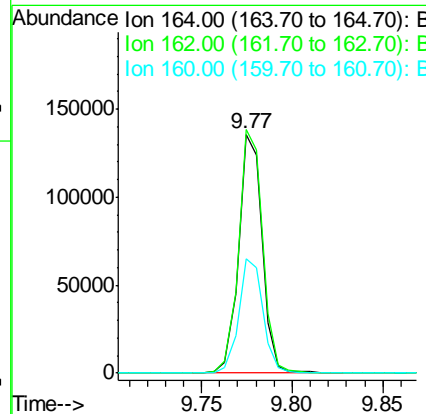
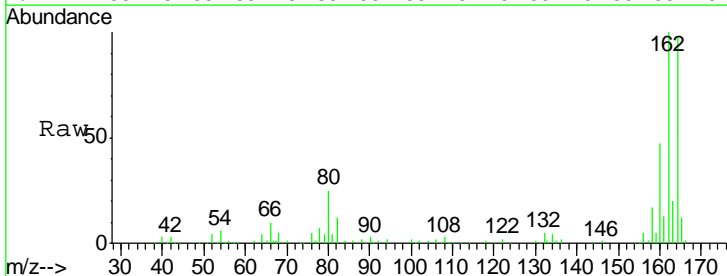
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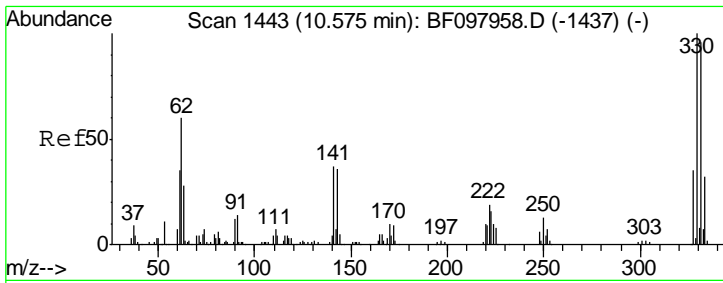
Tgt Ion	Resp	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF098054.D
 Acq: 26 Aug 2017 2:23

Tgt Ion	Resp	Lower	Upper
164	100		
162	102.0	82.6	123.8
160	47.9	36.2	54.2

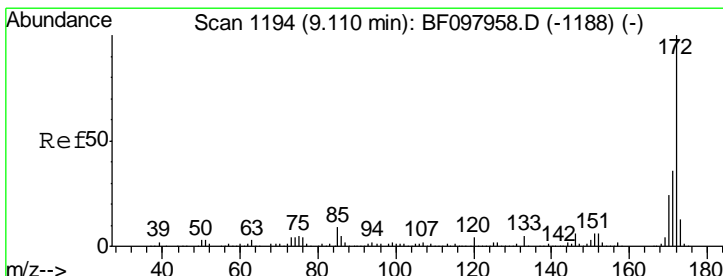
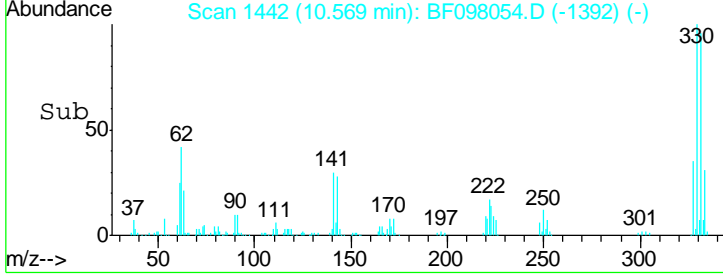
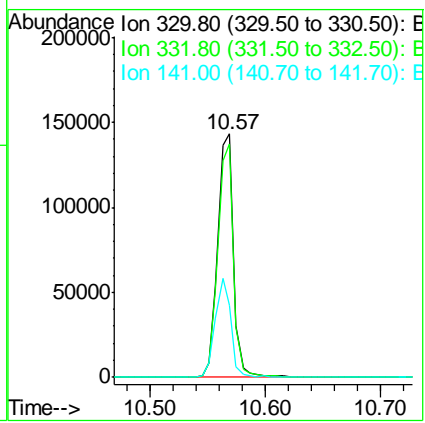
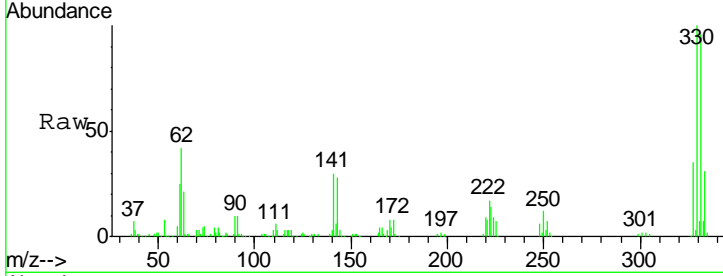




#41
 2,4,6-Tribromophenol
 Concen: 129.15 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF098054.D
 Acq: 26 Aug 2017 2:23

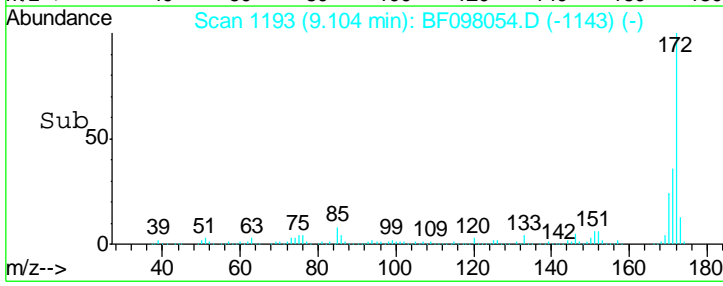
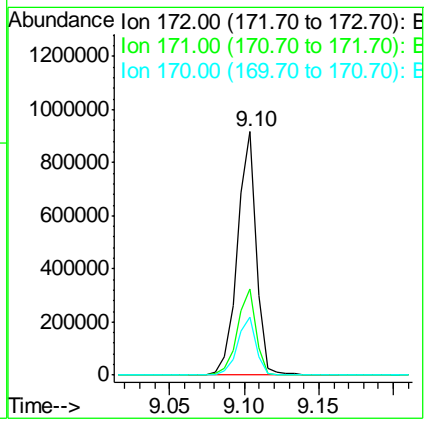
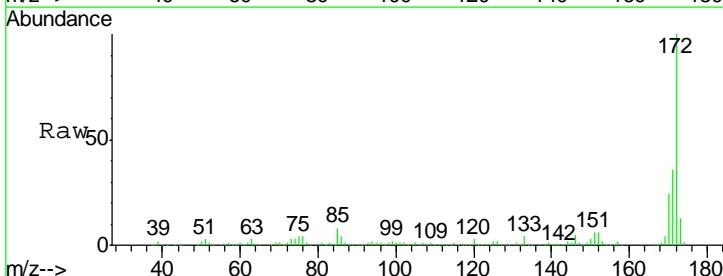
Instrument :
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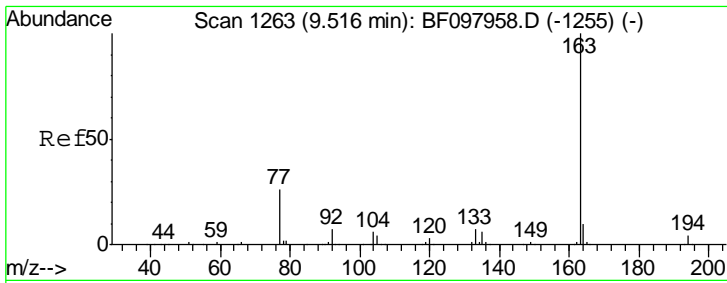
Tgt Ion	Resp	Lower	Upper
330	100		
332	95.1	76.6	115.0
141	40.4	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 97.36 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF098054.D
 Acq: 26 Aug 2017 2:23

Tgt Ion	Resp	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	24.0	19.8	29.8

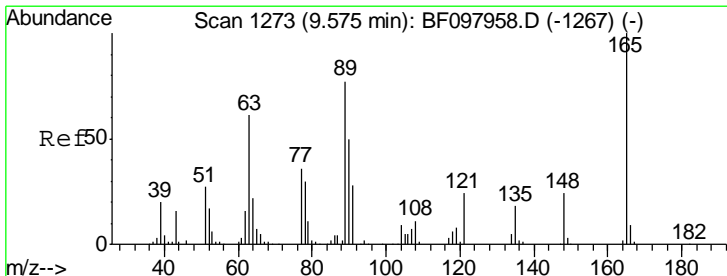
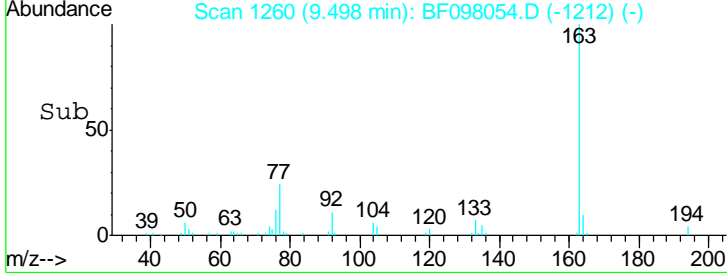
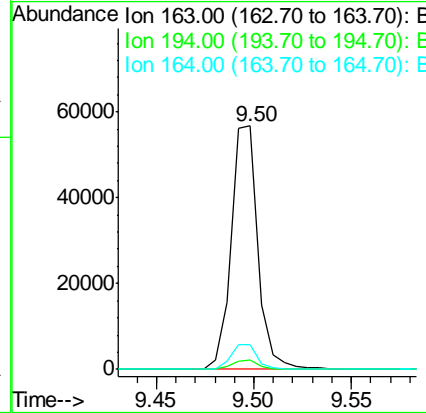
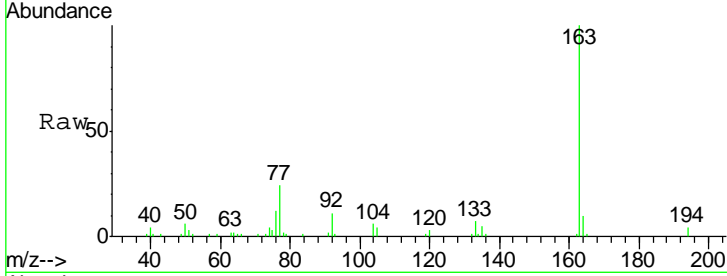




#49
 Dimethylphthalate
 Concen: 5.99 ng
 RT: 9.50 min Scan# 1260
 Delta R.T. -0.02 min
 Lab File: BF098054.D
 Acq: 26 Aug 2017 2:23

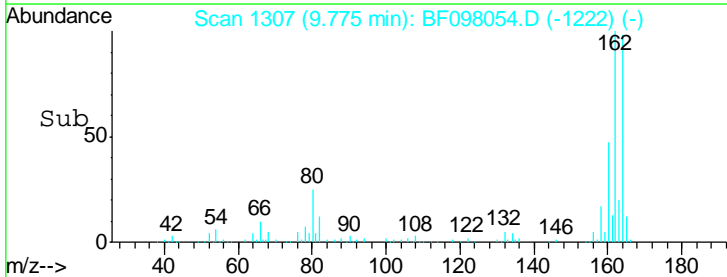
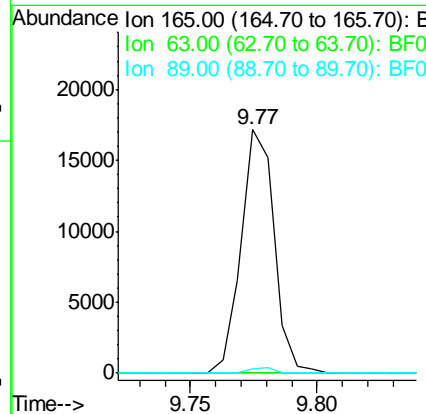
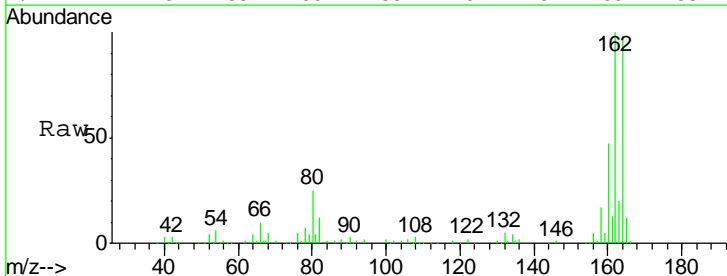
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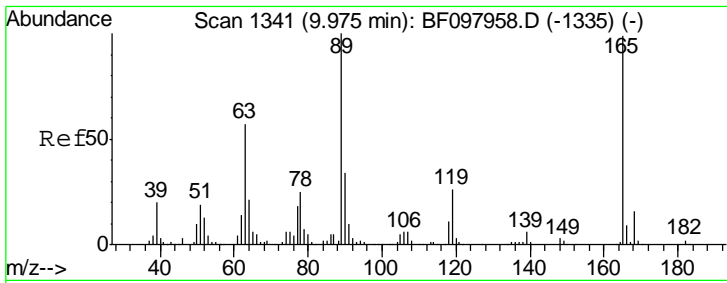
Tgt Ion	Resp	Lower	Upper
163	53679		
194	3.7	2.6	4.0
164	9.9	8.4	12.6



#50
 2,6-Dinitrotoluene
 Concen: 8.69 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.20 min
 Lab File: BF098054.D
 Acq: 26 Aug 2017 2:23

Tgt Ion	Resp	Lower	Upper
165	15533		
63	0.0	34.3	51.5#
89	1.9	37.1	55.7#

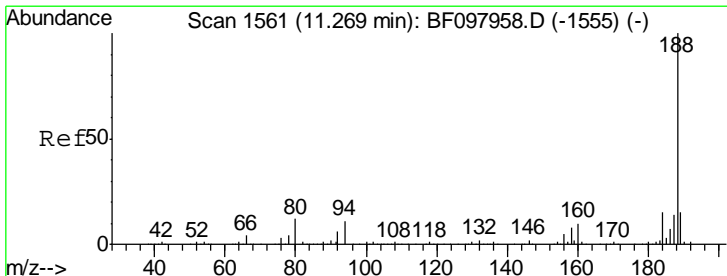
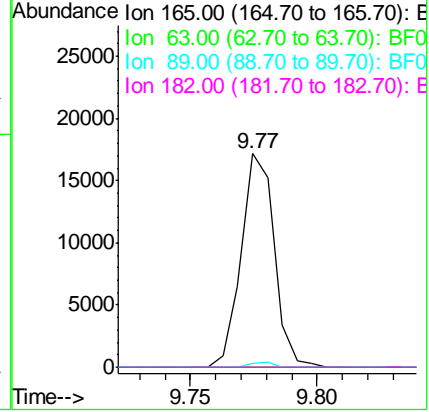
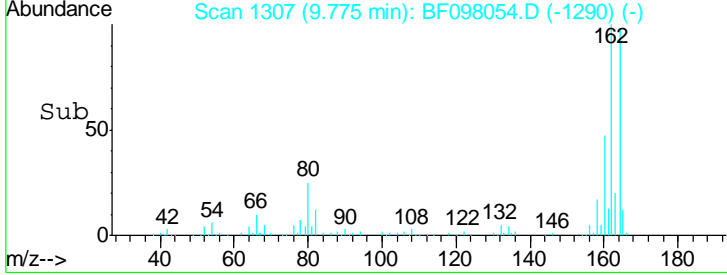
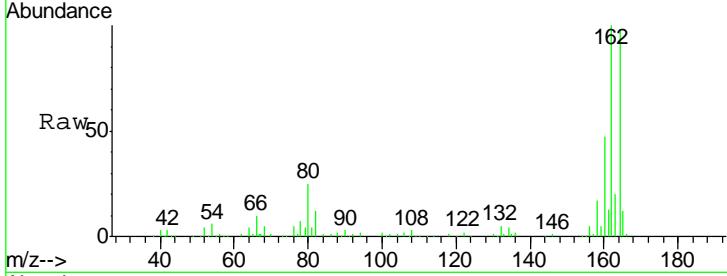




#56
 2,4-Dinitrotoluene
 Concen: 6.92 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.20 min
 Lab File: BF098054.D
 Acq: 26 Aug 2017 2:23

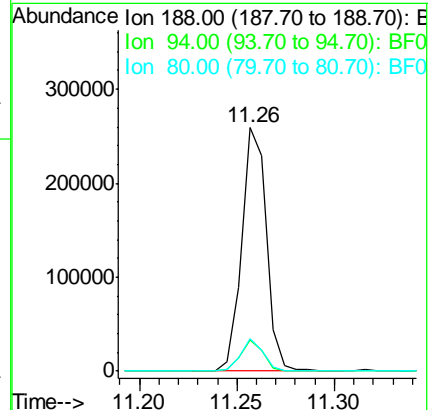
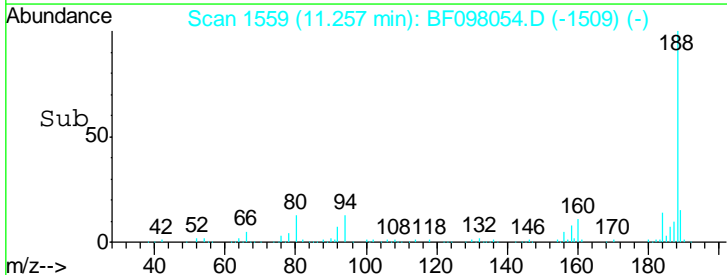
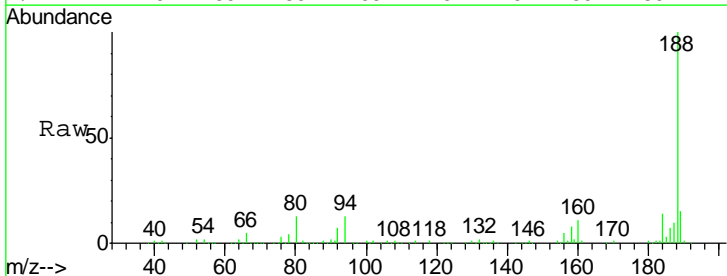
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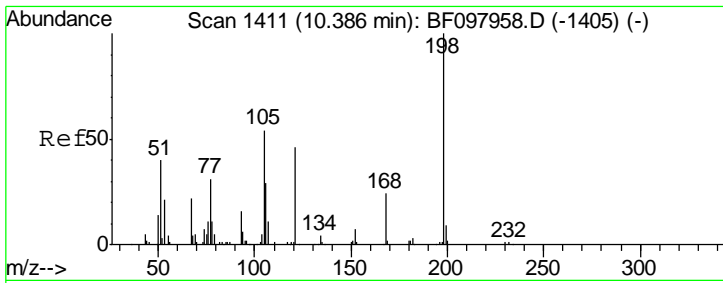
Tgt Ion	Resp	Lower	Upper
165	15533		
63	0.0	25.4	38.0#
89	1.9	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF098054.D
 Acq: 26 Aug 2017 2:23

Tgt Ion	Resp	Lower	Upper
188	227489		
94	13.0	9.4	14.2
80	13.3	10.2	15.2

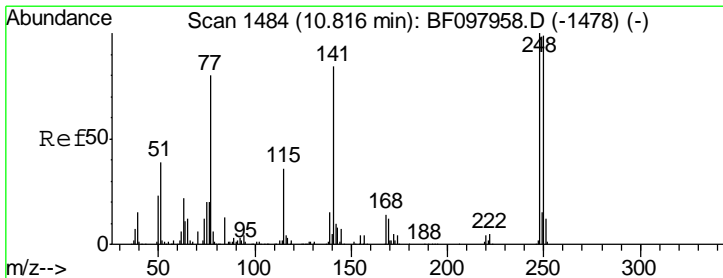
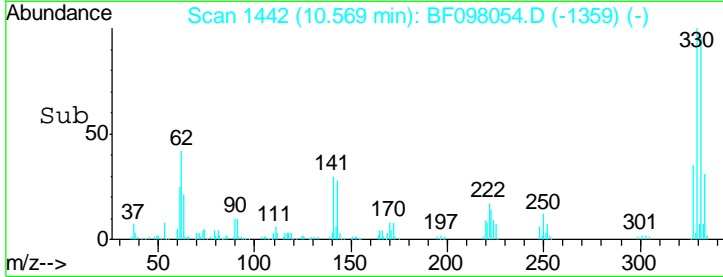
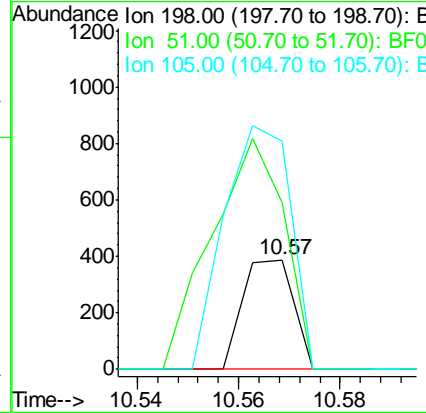
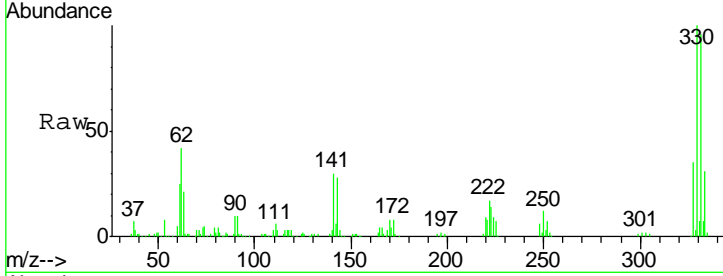




#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.53 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.19 min
 Lab File: BF098054.D
 Acq: 26 Aug 2017 2:23

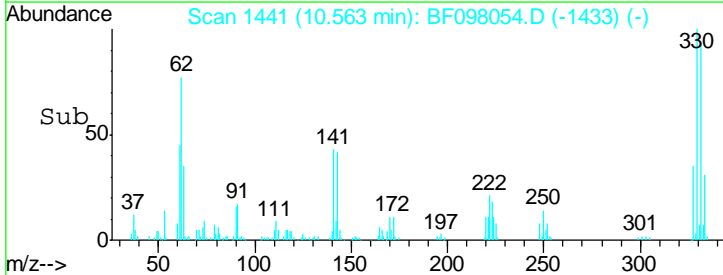
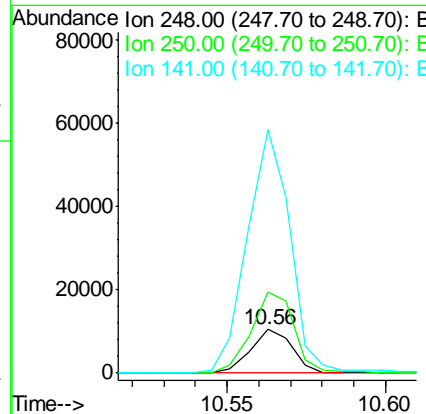
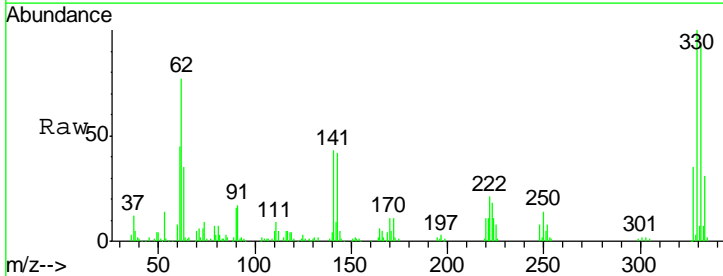
Instrument :
 BNA_F
 ClientSampleId :
 4-1-DRUMS-COMP

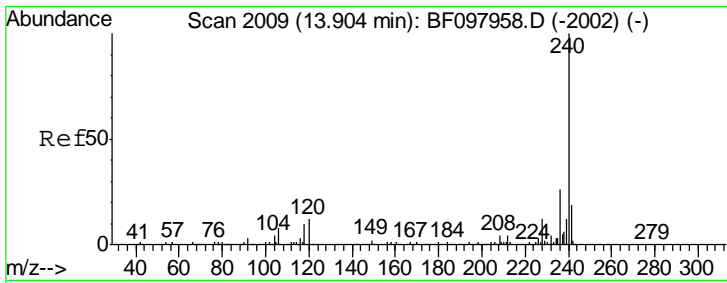
Tgt Ion	Resp	Lower	Upper
198	100		
51	152.7	53.2	93.2#
105	208.5	45.8	85.8#



#66
 4-Bromophenyl-phenylether
 Concen: 3.96 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.25 min
 Lab File: BF098054.D
 Acq: 26 Aug 2017 2:23

Tgt Ion	Resp	Lower	Upper
248	100		
250	184.8	76.8	115.2#
141	558.8	68.6	103.0#

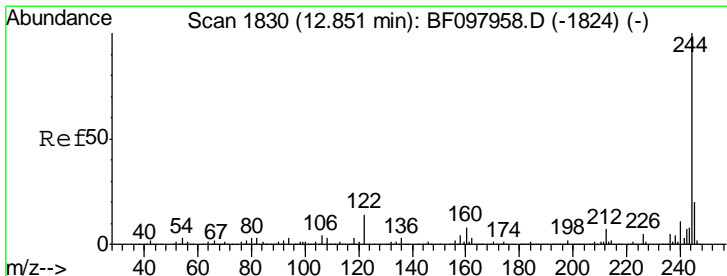
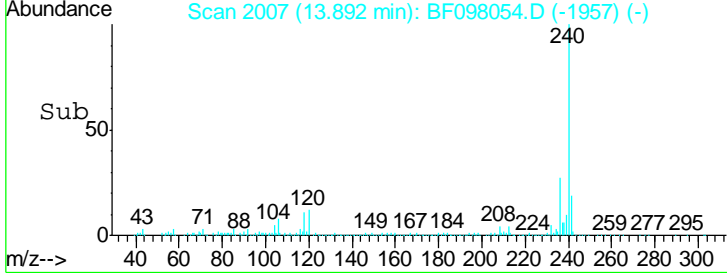
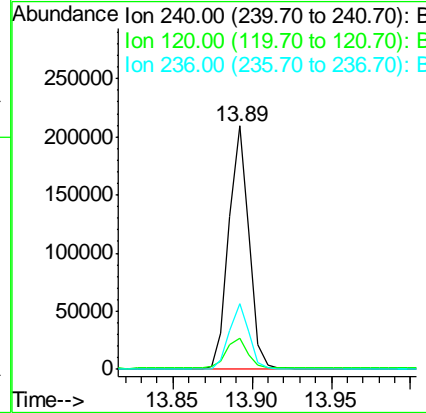
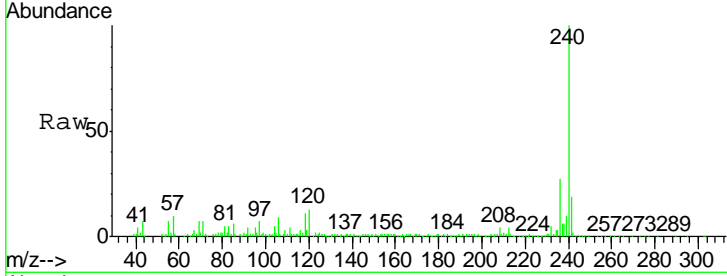




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF098054.D
 Acq: 26 Aug 2017 2:23

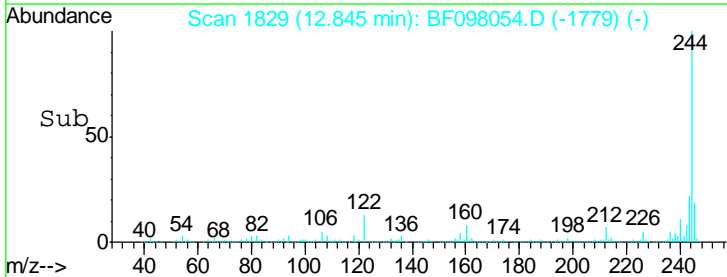
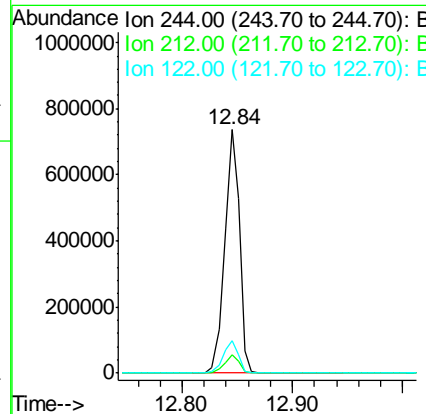
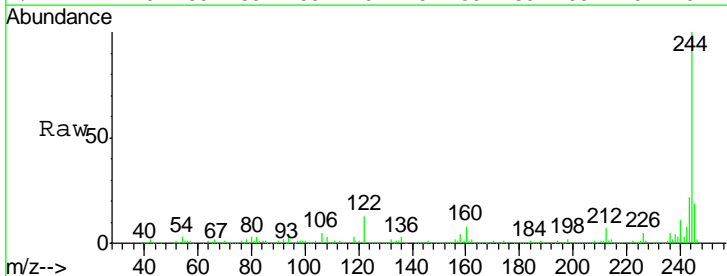
Instrument :
 BNA_F
 ClientSampled :
 4-1-DRUMS-COMP

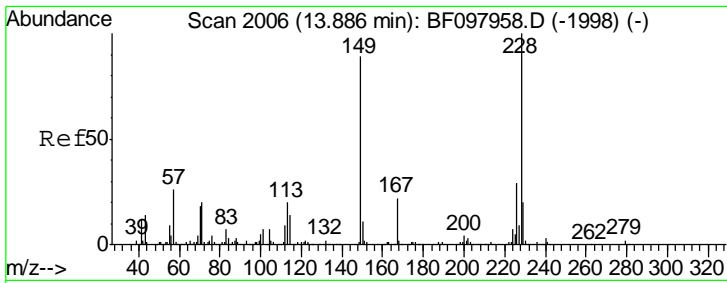
Tgt Ion	Resp	Lower	Upper
240	186079		
120	12.6	5.8	8.8#
236	27.1	20.5	30.7



#78
 Terphenyl-d14
 Concen: 76.49 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF098054.D
 Acq: 26 Aug 2017 2:23

Tgt Ion	Resp	Lower	Upper
244	682576		
212	7.4	6.0	9.0
122	13.4	10.3	15.5

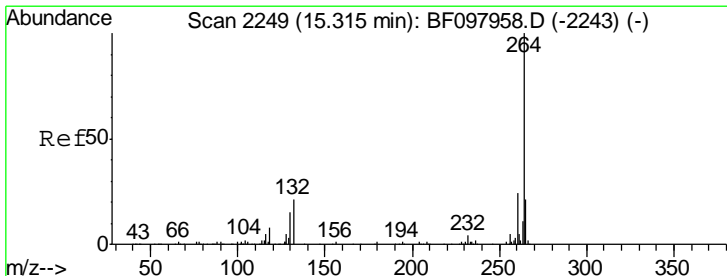
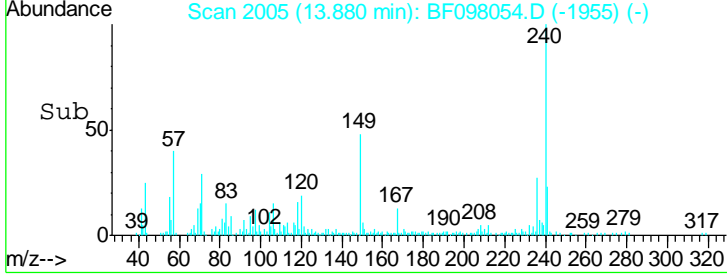
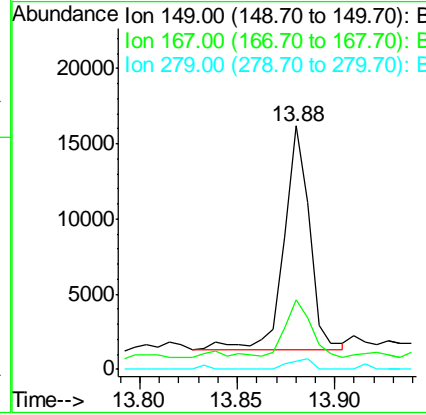
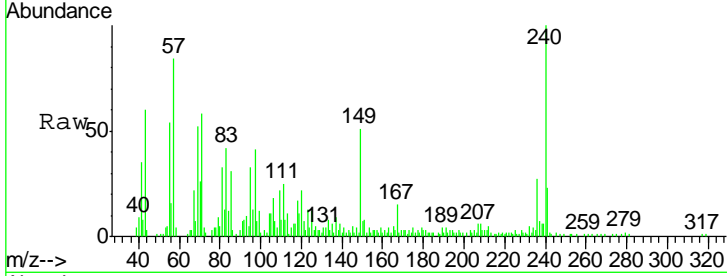




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.06 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF098054.D
 Acq: 26 Aug 2017 2:23

Instrument :
 BNA_F
 ClientSampled :
 4-1-DRUMS-COMP

Tgt Ion	Resp	Lower	Upper
149	13295		
167	28.5	21.0	31.4
279	3.3	1.9	2.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF098054.D
 Acq: 26 Aug 2017 2:23

Tgt Ion	Resp	Lower	Upper
264	128814		
260	24.5	19.5	29.3
265	22.0	17.2	25.8

