

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\  
 Data File : BF109870.D  
 Acq On : 13 Oct 2018 8:14  
 Operator : JU/SJ  
 Sample : J5444-13  
 Misc :  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Oct 15 01:20:56 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 08 16:02:11 2018  
 Response via : Initial Calibration

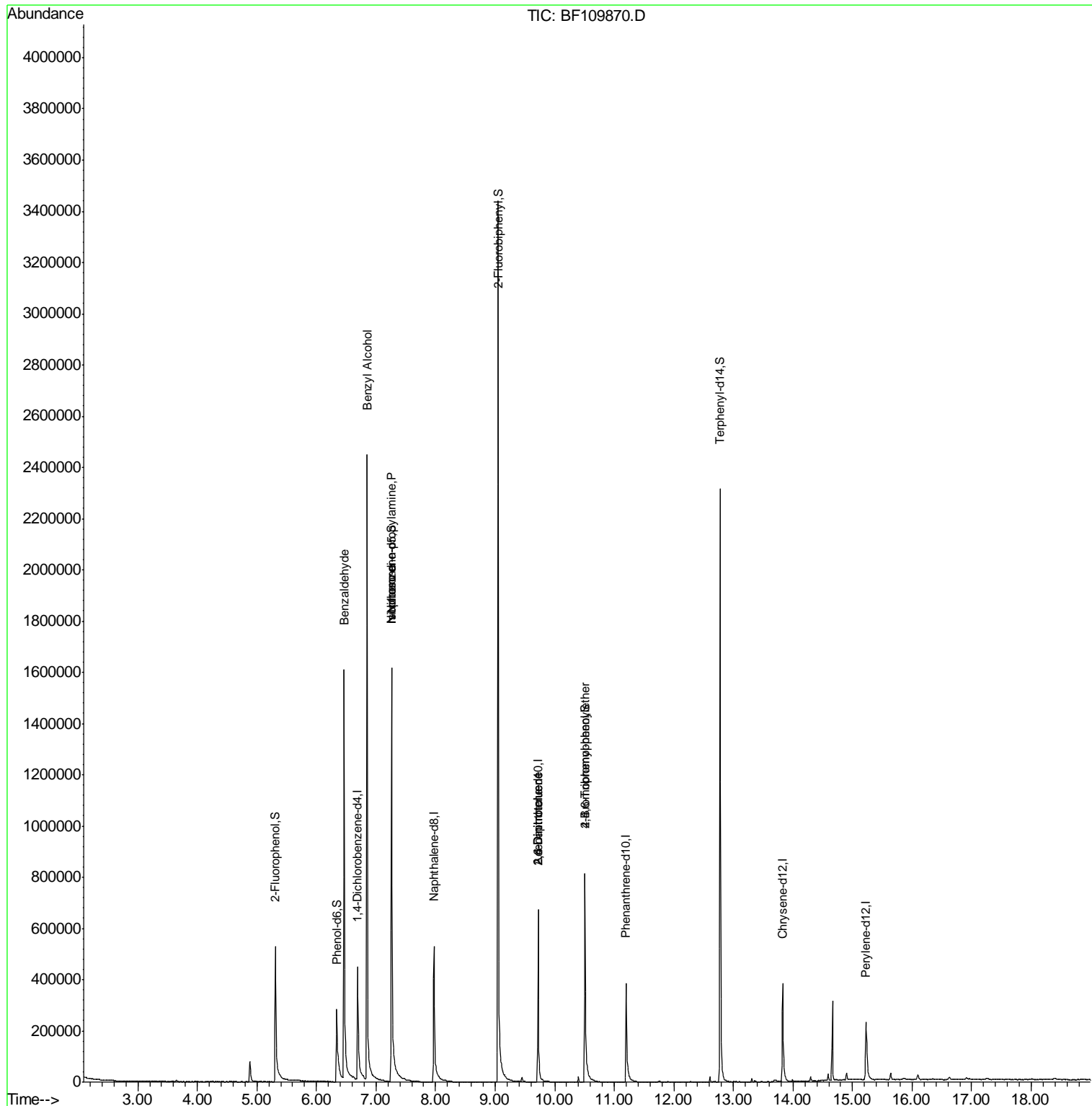
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	101024	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	387803	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	159514	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	250025	20.00	ng	0.00
75) Chrysene-d12	13.83	240	204666	20.00	ng	0.00
86) Perylene-d12	15.23	264	156700	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	250039	43.93	ng	-0.01
7) Phenol-d6	6.34	99	215980	28.41	ng	-0.02
23) Nitrobenzene-d5	7.26	82	792392	112.63	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	148091	85.20	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1321551	114.10	ng	0.00
78) Terphenyl-d14	12.78	244	856557	81.02	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	11939	2.440	ng	# 77
15) Benzyl Alcohol	6.85	79	12432	2.206	ng	# 48
19) n-Nitroso-di-n-propylamine	7.26	70	102890	19.297	ng	# 77
25) Isophorone	7.26	82	792432	67.832	ng	# 67
50) 2,6-Dinitrotoluene	9.72	165	19538	7.704	ng	# 23
56) 2,4-Dinitrotoluene	9.72	165	19538	6.174	ng	# 20
66) 4-Bromophenyl-phenylether	10.50	248	8513	2.963	ng	# 1

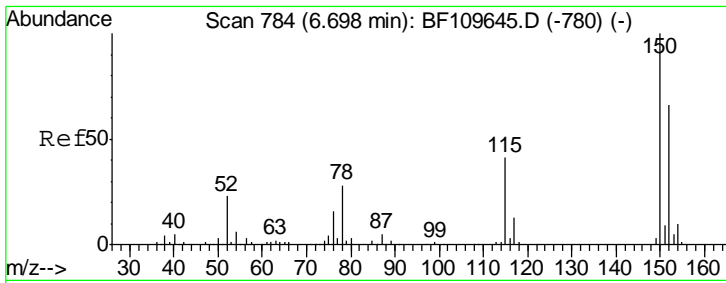
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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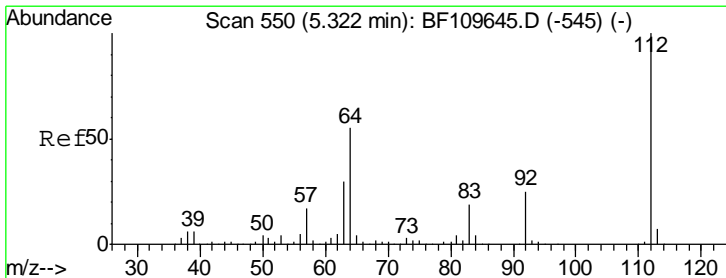
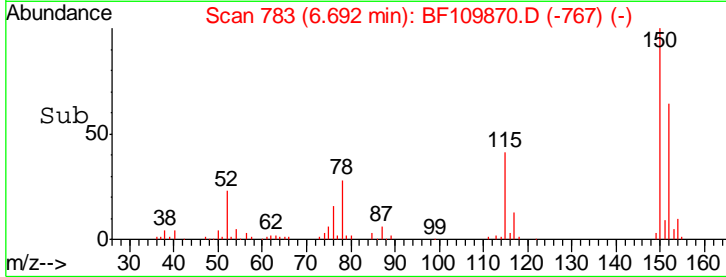
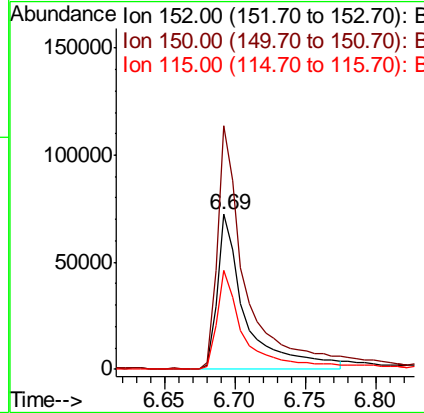
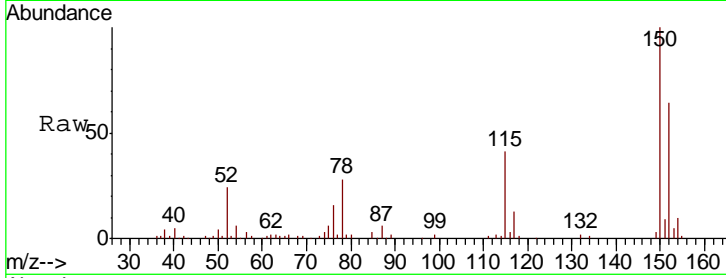




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.69 min Scan# 783  
 Delta R.T. -0.01 min  
 Lab File: BF109870.D  
 Acq: 13 Oct 2018 8:14

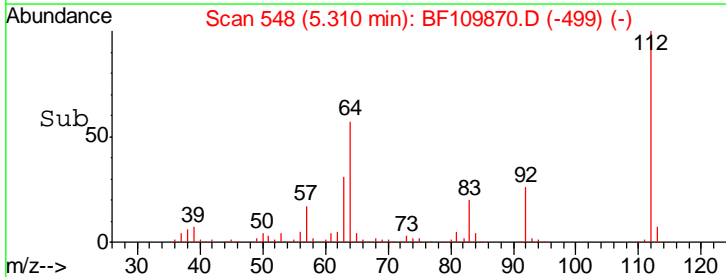
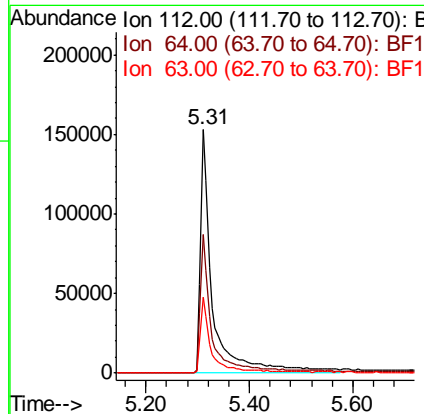
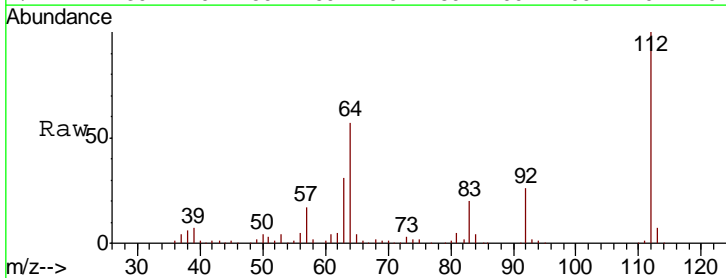
Instrument :  
 BNA\_F  
 ClientSampled :

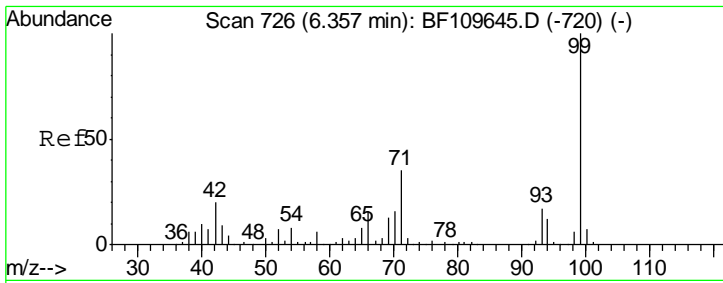
Tgt Ion	Resp	Lower	Upper
152	101024		
150	157.2	122.7	184.1
115	63.8	49.1	73.7



#5  
 2-Fluorophenol  
 Concen: 43.933 ng  
 RT: 5.31 min Scan# 548  
 Delta R.T. -0.01 min  
 Lab File: BF109870.D  
 Acq: 13 Oct 2018 8:14

Tgt Ion	Resp	Lower	Upper
112	250039		
64	56.9	44.1	66.1
63	31.0	23.7	35.5

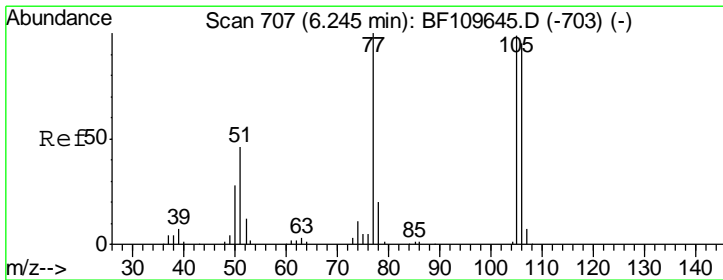
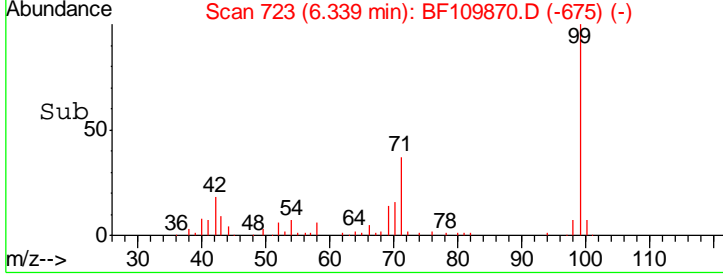
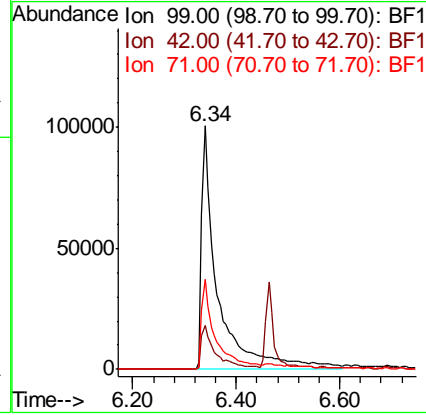
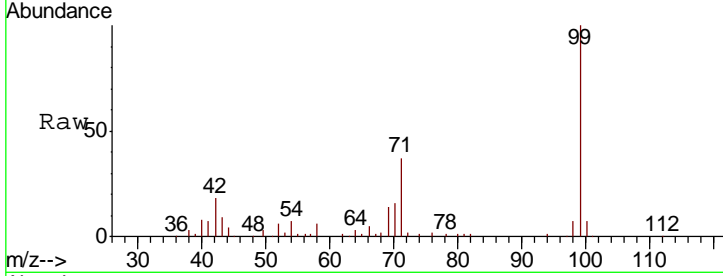




#7  
 Phenol-d6  
 Concen: 28.407 ng  
 RT: 6.34 min Scan# 723  
 Delta R.T. -0.02 min  
 Lab File: BF109870.D  
 Acq: 13 Oct 2018 8:14

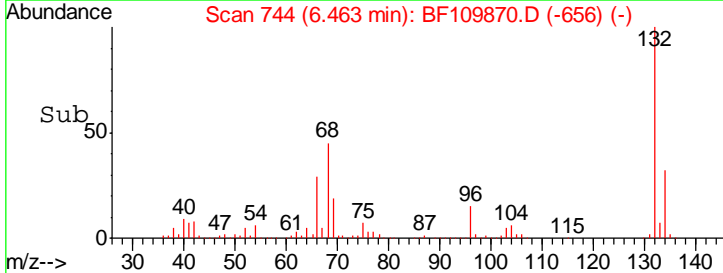
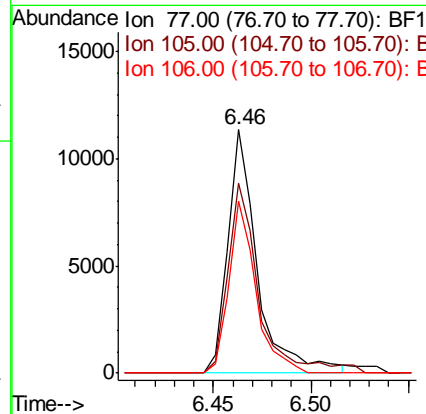
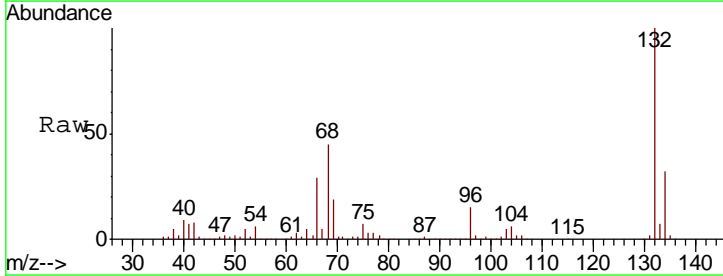
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 BNA\_F  
 ClientSampled :

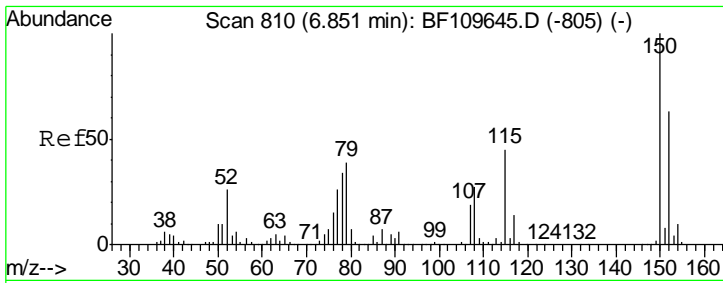
Tgt Ion	Resp	Lower	Upper
99	215980		
42	18.1	15.8	23.6
71	36.7	28.0	42.0



#9  
 Benzaldehyde  
 Concen: 2.440 ng  
 RT: 6.46 min Scan# 744  
 Delta R.T. 0.22 min  
 Lab File: BF109870.D  
 Acq: 13 Oct 2018 8:14

Tgt Ion	Resp	Lower	Upper
77	11939		
105	78.2	78.6	118.6#
106	70.5	74.8	114.8#

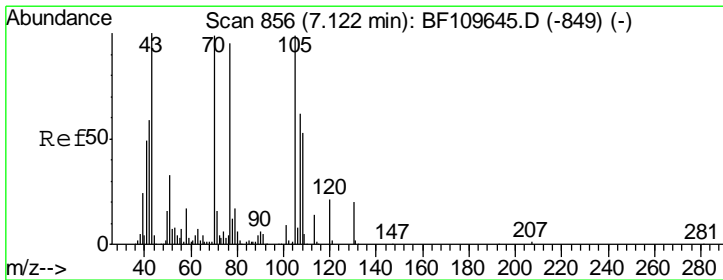
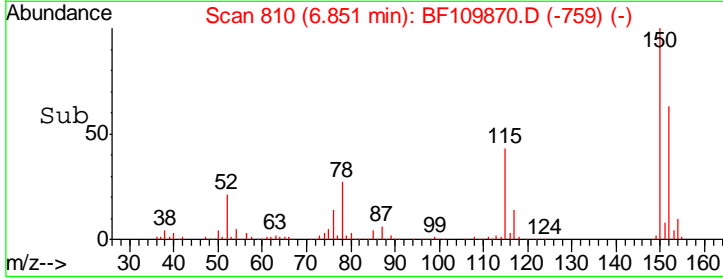
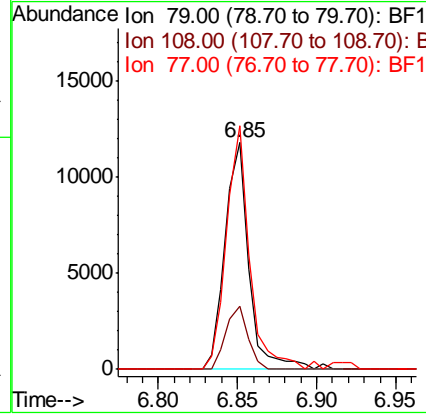
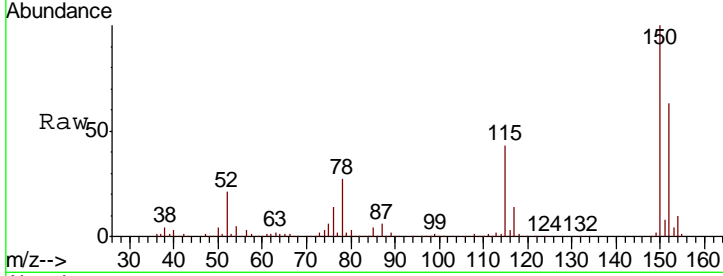




#15  
Benzyl Alcohol  
Concen: 2.206 ng  
RT: 6.85 min Scan# 810  
Delta R.T. -0.00 min  
Lab File: BF109870.D  
Acq: 13 Oct 2018 8:14

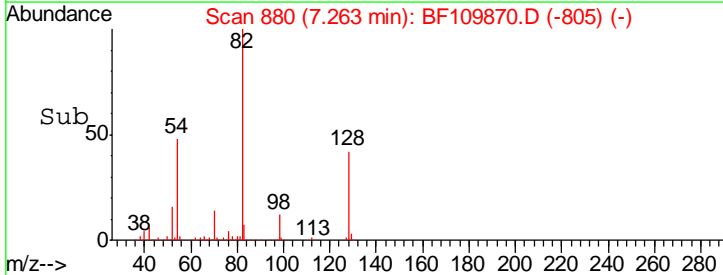
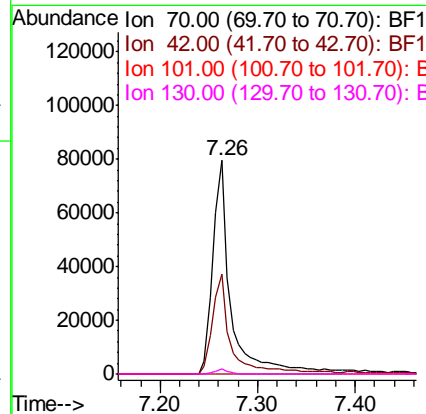
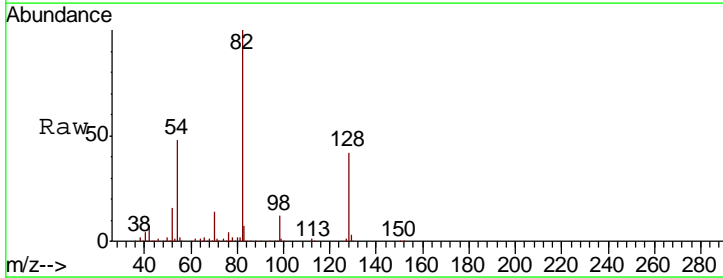
Instrument :  
BNA\_F  
ClientSampled :

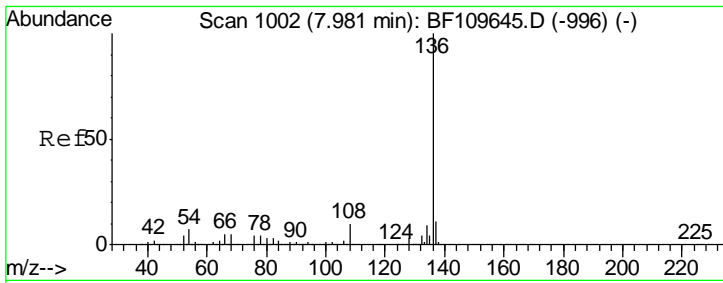
Tgt Ion	Resp	Lower	Upper
79	100		
108	28.0	56.3	84.5#
77	107.5	52.9	79.3#



#19  
n-Nitroso-di-n-propylamine  
Concen: 19.297 ng  
RT: 7.26 min Scan# 880  
Delta R.T. 0.14 min  
Lab File: BF109870.D  
Acq: 13 Oct 2018 8:14

Tgt Ion	Resp	Lower	Upper
70	100		
42	46.6	47.4	71.2#
101	0.0	7.3	10.9#
130	2.2	16.2	24.2#

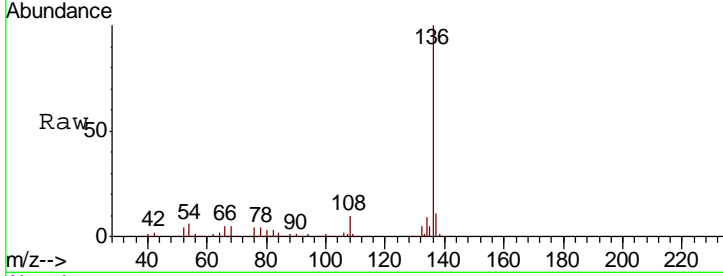




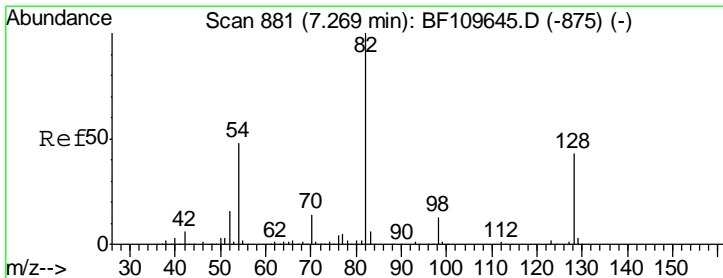
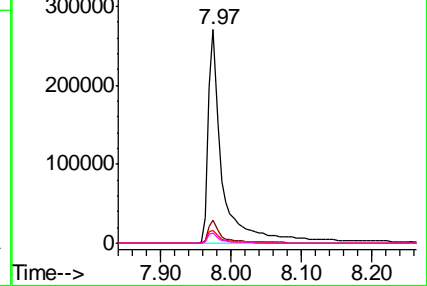
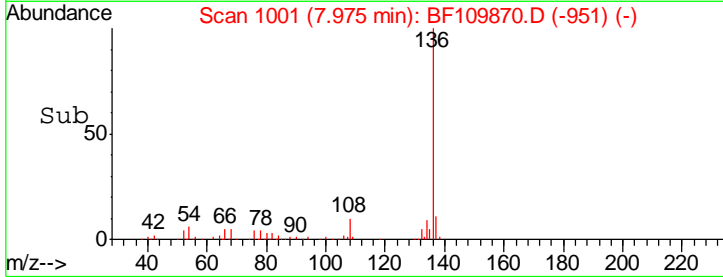
#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 7.97 min Scan# 1001  
 Delta R.T. -0.01 min  
 Lab File: BF109870.D  
 Acq: 13 Oct 2018 8:14

Instrument :  
 BNA\_F  
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
136	387803		
137	10.7	8.8	13.2
54	6.3	5.4	8.2
68	4.7	4.2	6.2

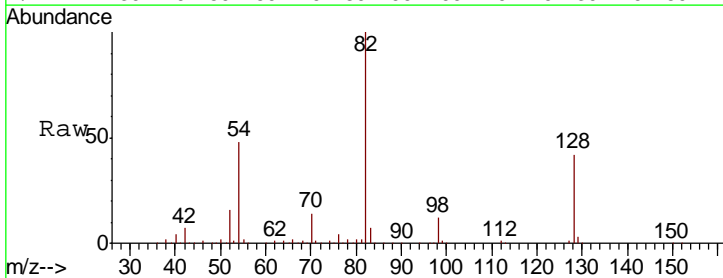


Abundance  
 Ion 136.00 (135.70 to 136.70): E  
 Ion 137.00 (136.70 to 137.70): E  
 Ion 54.00 (53.70 to 54.70): BF1  
 Ion 68.00 (67.70 to 68.70): BF1

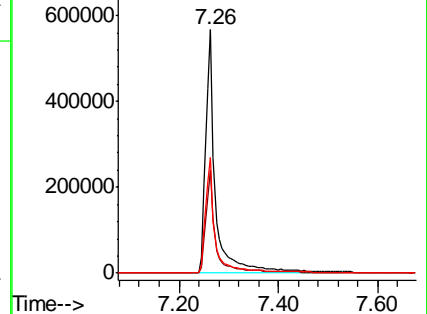
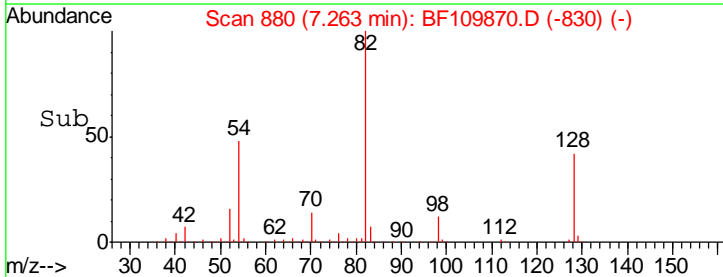


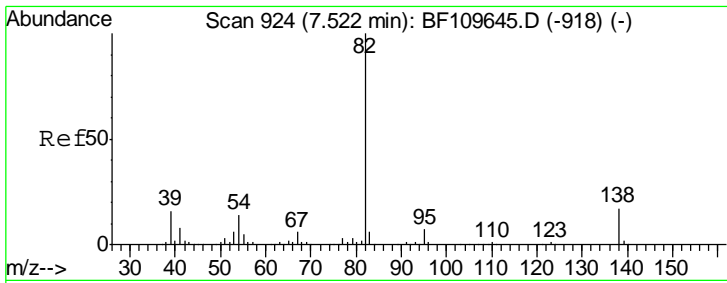
#23  
 Nitrobenzene-d5  
 Concen: 112.633 ng  
 RT: 7.26 min Scan# 880  
 Delta R.T. -0.01 min  
 Lab File: BF109870.D  
 Acq: 13 Oct 2018 8:14

Tgt Ion	Resp	Lower	Upper
82	792392		
128	42.4	34.2	51.2
54	47.7	38.6	58.0



Abundance  
 Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): E  
 Ion 54.00 (53.70 to 54.70): BF1

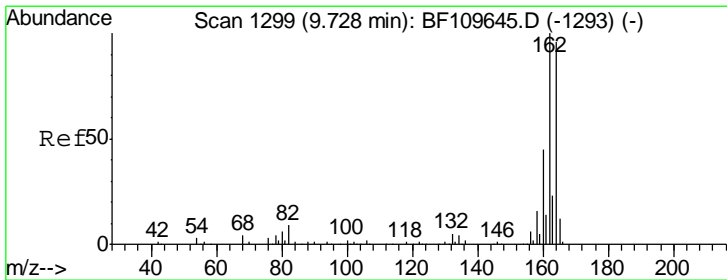
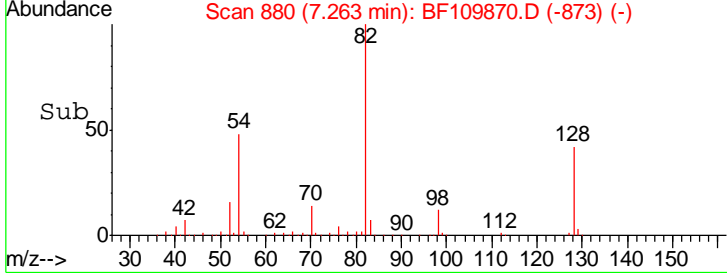
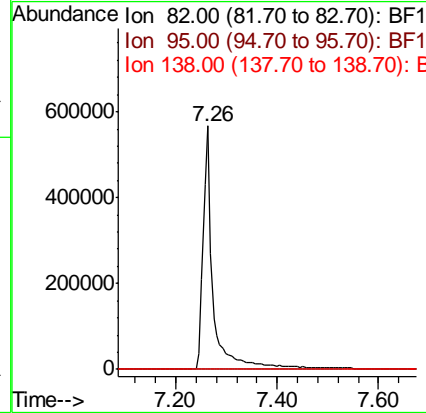
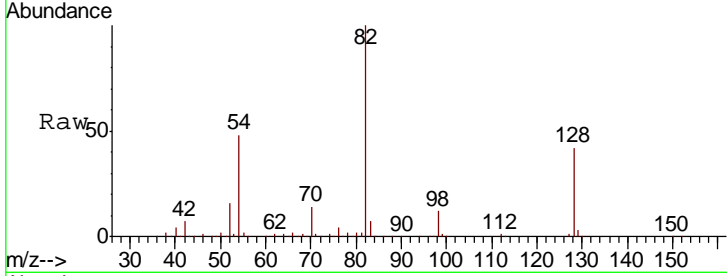




#25  
 Isophorone  
 Concen: 67.832 ng  
 RT: 7.26 min Scan# 880  
 Delta R.T. -0.26 min  
 Lab File: BF109870.D  
 Acq: 13 Oct 2018 8:14

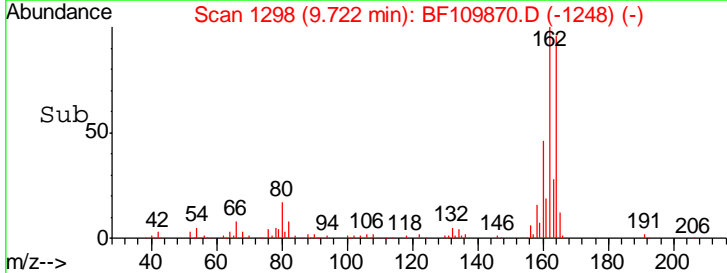
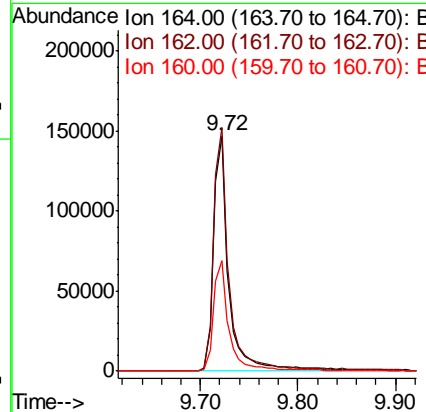
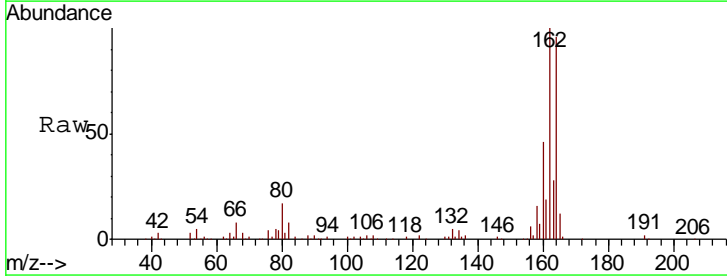
Instrument :  
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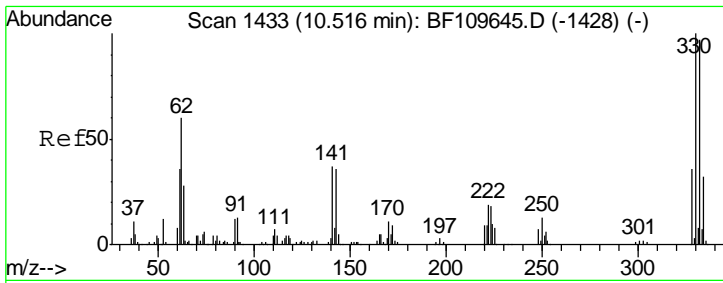
Tgt Ion	Resp	Lower	Upper
82	792432		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.72 min Scan# 1298  
 Delta R.T. -0.01 min  
 Lab File: BF109870.D  
 Acq: 13 Oct 2018 8:14

Tgt Ion	Resp	Lower	Upper
164	159514		
162	103.7	83.0	124.6
160	47.2	37.0	55.6

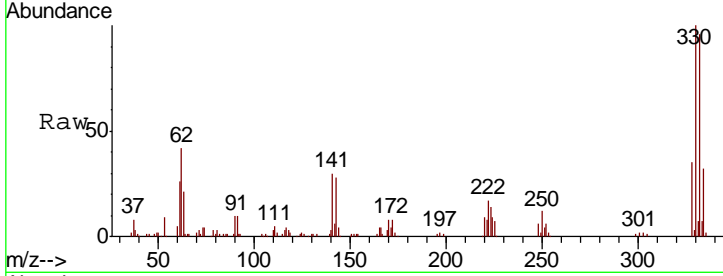




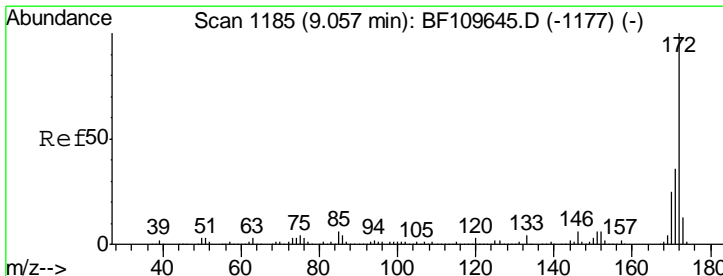
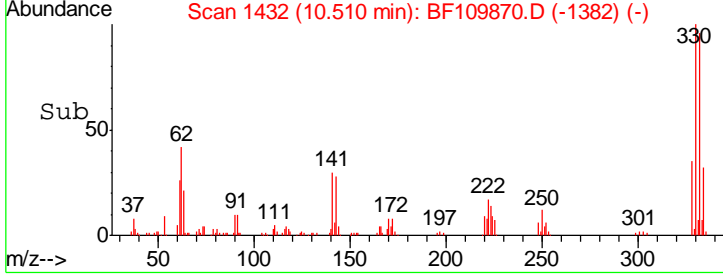
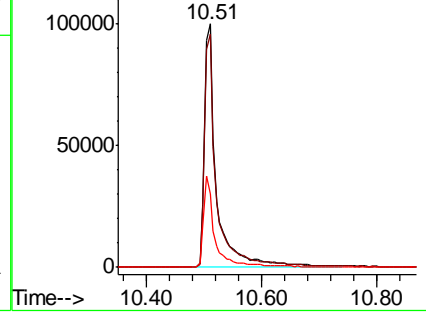
#41  
 2,4,6-Tribromophenol  
 Concen: 85.204 ng  
 RT: 10.51 min Scan# 1432  
 Delta R.T. -0.01 min  
 Lab File: BF109870.D  
 Acq: 13 Oct 2018 8:14

Instrument :  
 BNA\_F  
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
330	148091		
332	95.0	77.1	115.7
141	35.3	27.0	40.4

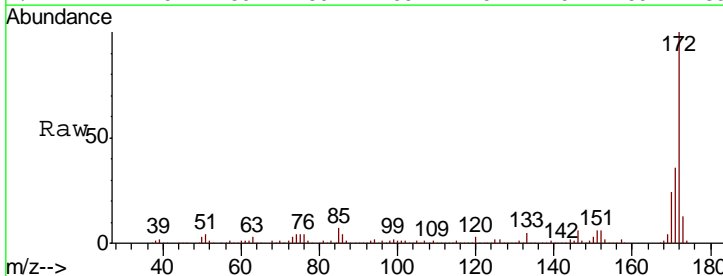


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

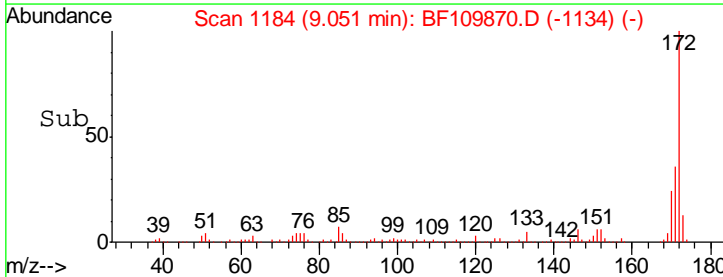
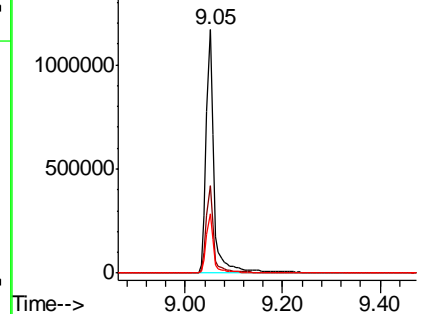


#44  
 2-Fluorobiphenyl  
 Concen: 114.103 ng  
 RT: 9.05 min Scan# 1184  
 Delta R.T. -0.01 min  
 Lab File: BF109870.D  
 Acq: 13 Oct 2018 8:14

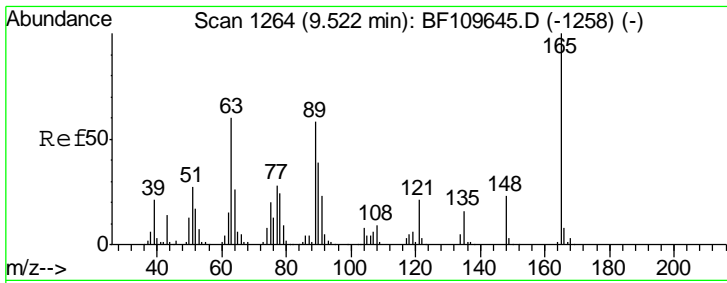
Tgt Ion	Resp	Lower	Upper
172	1321551		
171	35.8	28.6	43.0
170	24.1	19.7	29.5



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E



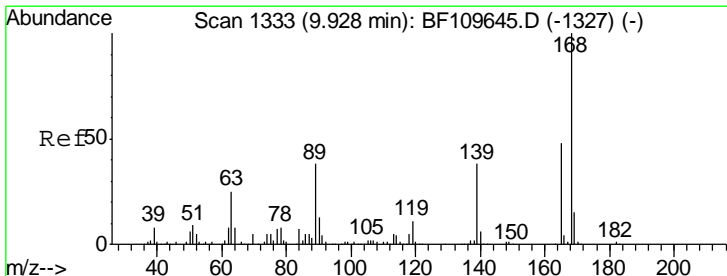
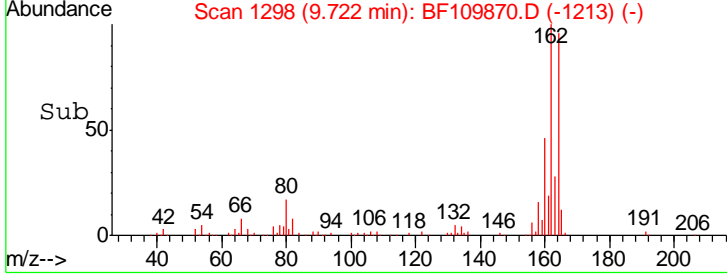
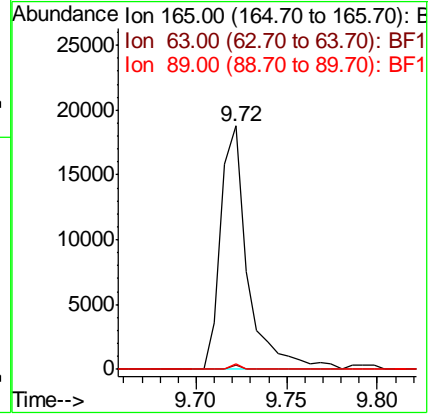
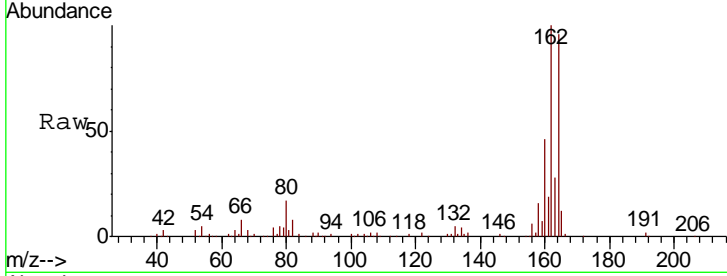




#50  
 2,6-Dinitrotoluene  
 Concen: 7.704 ng  
 RT: 9.72 min Scan# 1298  
 Delta R.T. 0.20 min  
 Lab File: BF109870.D  
 Acq: 13 Oct 2018 8:14

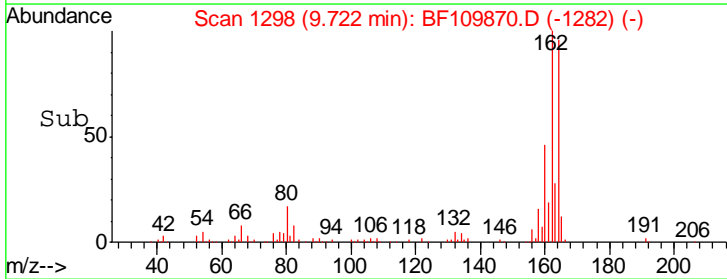
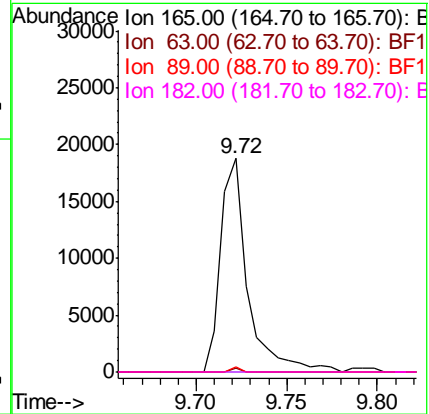
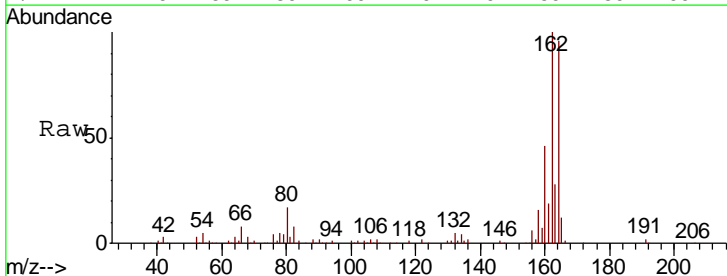
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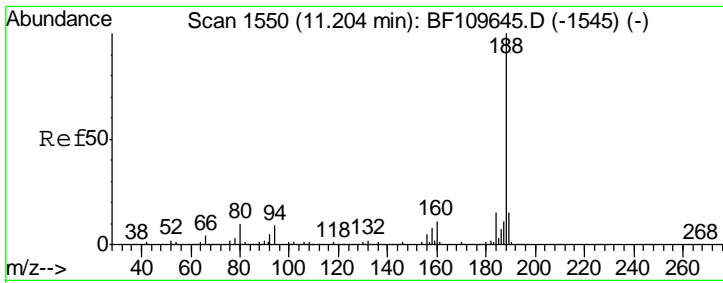
Tgt Ion	Resp	Lower	Upper
165	100		
63	1.6	48.9	73.3#
89	2.3	46.6	69.8#



#56  
 2,4-Dinitrotoluene  
 Concen: 6.174 ng  
 RT: 9.72 min Scan# 1298  
 Delta R.T. -0.21 min  
 Lab File: BF109870.D  
 Acq: 13 Oct 2018 8:14

Tgt Ion	Resp	Lower	Upper
165	100		
63	1.6	44.8	67.2#
89	2.3	62.2	93.4#
182	0.0	2.1	3.1#

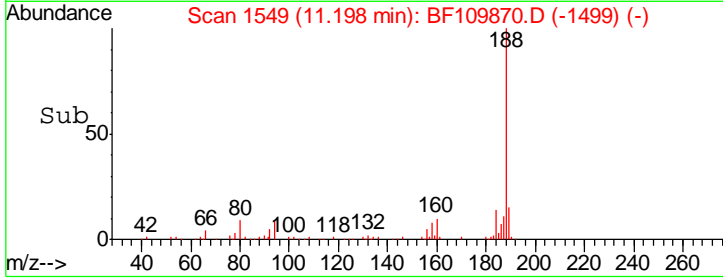
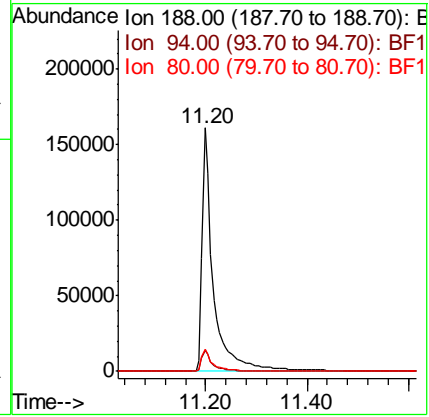
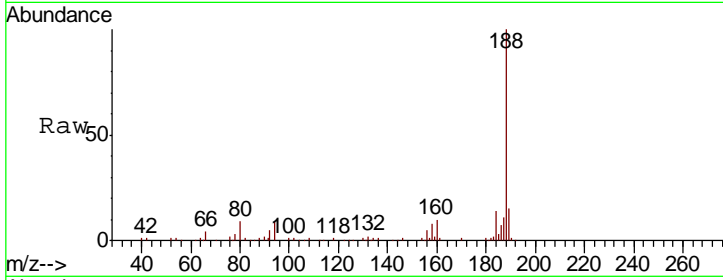




#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.20 min Scan# 1549  
 Delta R.T. -0.01 min  
 Lab File: BF109870.D  
 Acq: 13 Oct 2018 8:14

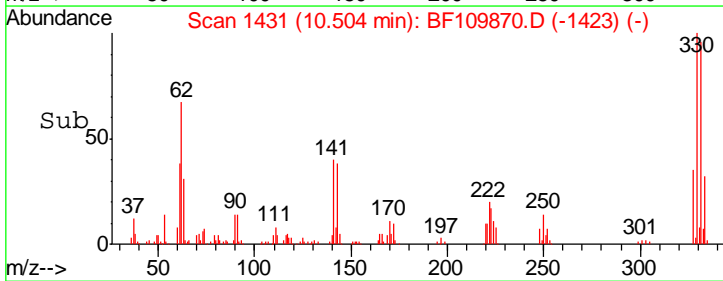
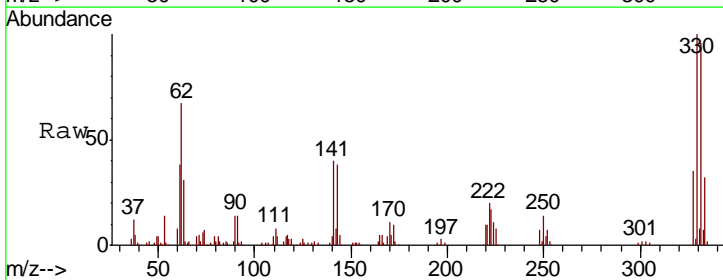
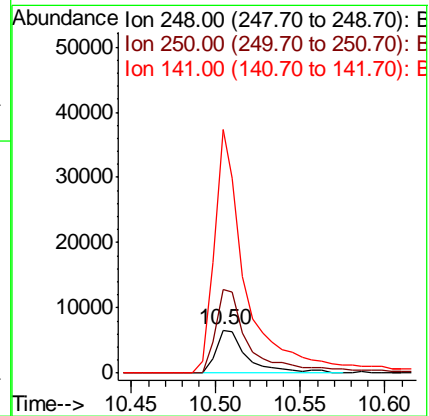
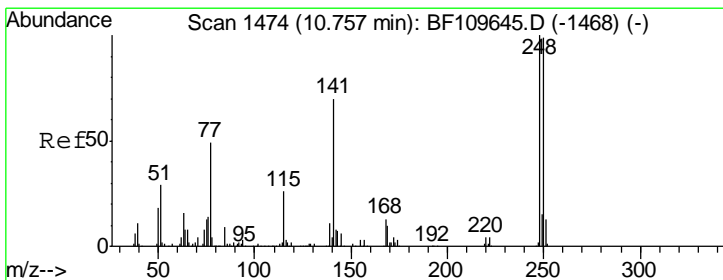
Instrument :  
 BNA\_F  
 ClientSampled :

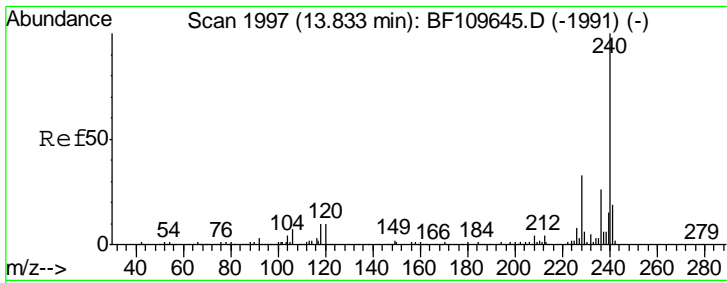
Tgt Ion	Resp	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.4	7.9	11.9



#66  
 4-Bromophenyl-phenylether  
 Concen: 2.963 ng  
 RT: 10.50 min Scan# 1431  
 Delta R.T. -0.25 min  
 Lab File: BF109870.D  
 Acq: 13 Oct 2018 8:14

Tgt Ion	Resp	Lower	Upper
248	100		
250	195.3	79.4	119.2#
141	564.7	55.9	83.9#

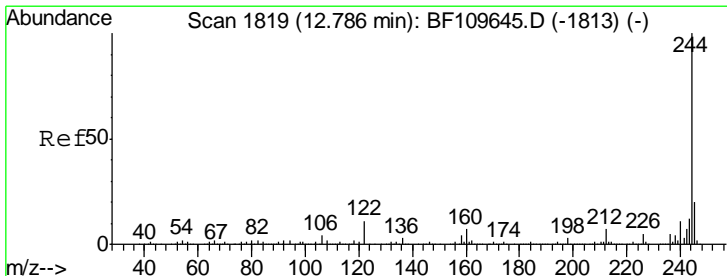
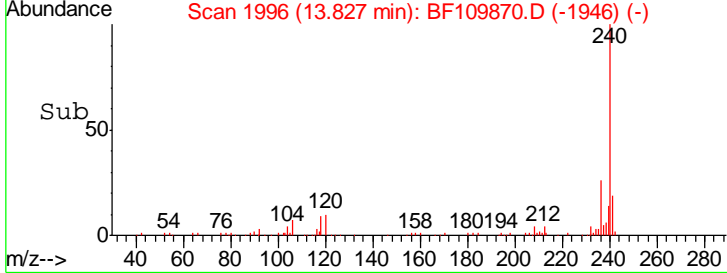
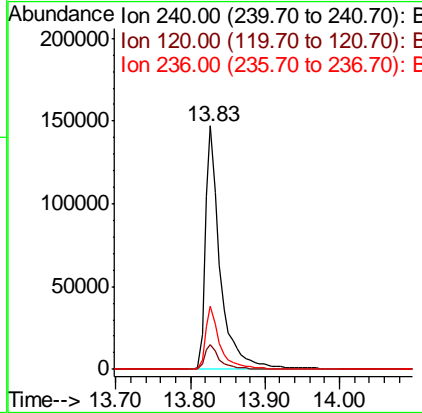
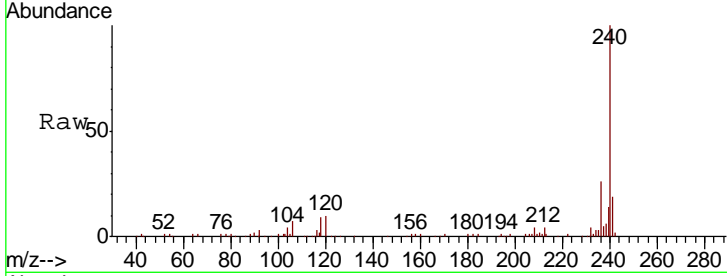




#75  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.83 min Scan# 1996  
 Delta R.T. -0.01 min  
 Lab File: BF109870.D  
 Acq: 13 Oct 2018 8:14

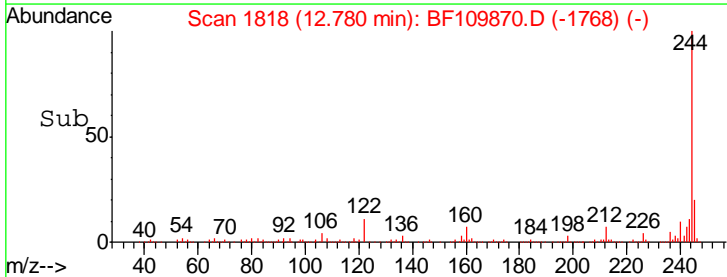
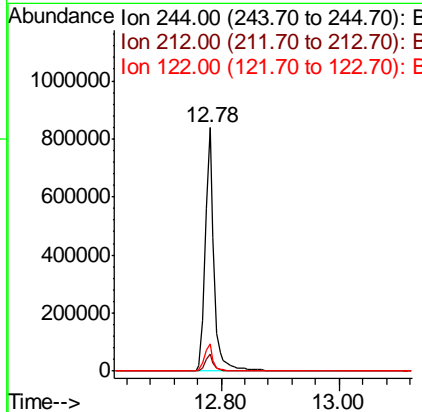
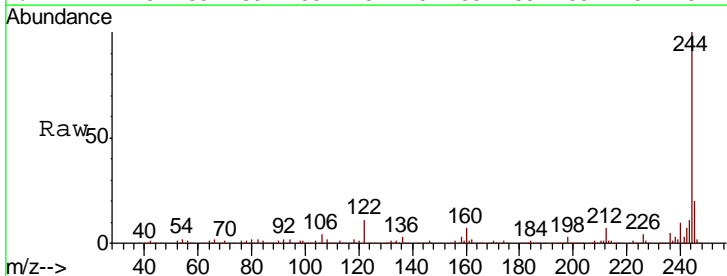
Instrument :  
 BNA\_F  
 ClientSampled :

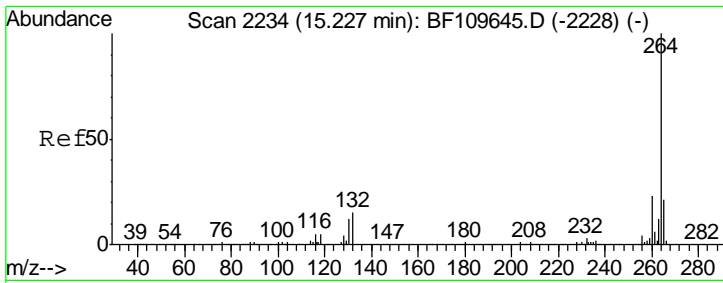
Tgt Ion	Resp	Lower	Upper
240	100		
120	10.2	8.3	12.5
236	25.8	21.2	31.8



#78  
 Terphenyl-d14  
 Concen: 81.018 ng  
 RT: 12.78 min Scan# 1818  
 Delta R.T. -0.01 min  
 Lab File: BF109870.D  
 Acq: 13 Oct 2018 8:14

Tgt Ion	Resp	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	11.0	8.7	13.1





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.23 min Scan# 2234  
 Delta R.T. -0.00 min  
 Lab File: BF109870.D  
 Acq: 13 Oct 2018 8:14

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion: 264 Resp: 156700

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.5	16.7	25.1

