

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\  
 Data File : BF118210.D  
 Acq On : 16 Dec 2019 21:39  
 Operator : JU  
 Sample : K6117-06  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Dec 17 01:07:56 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 06 17:34:43 2019  
 Response via : Initial Calibration

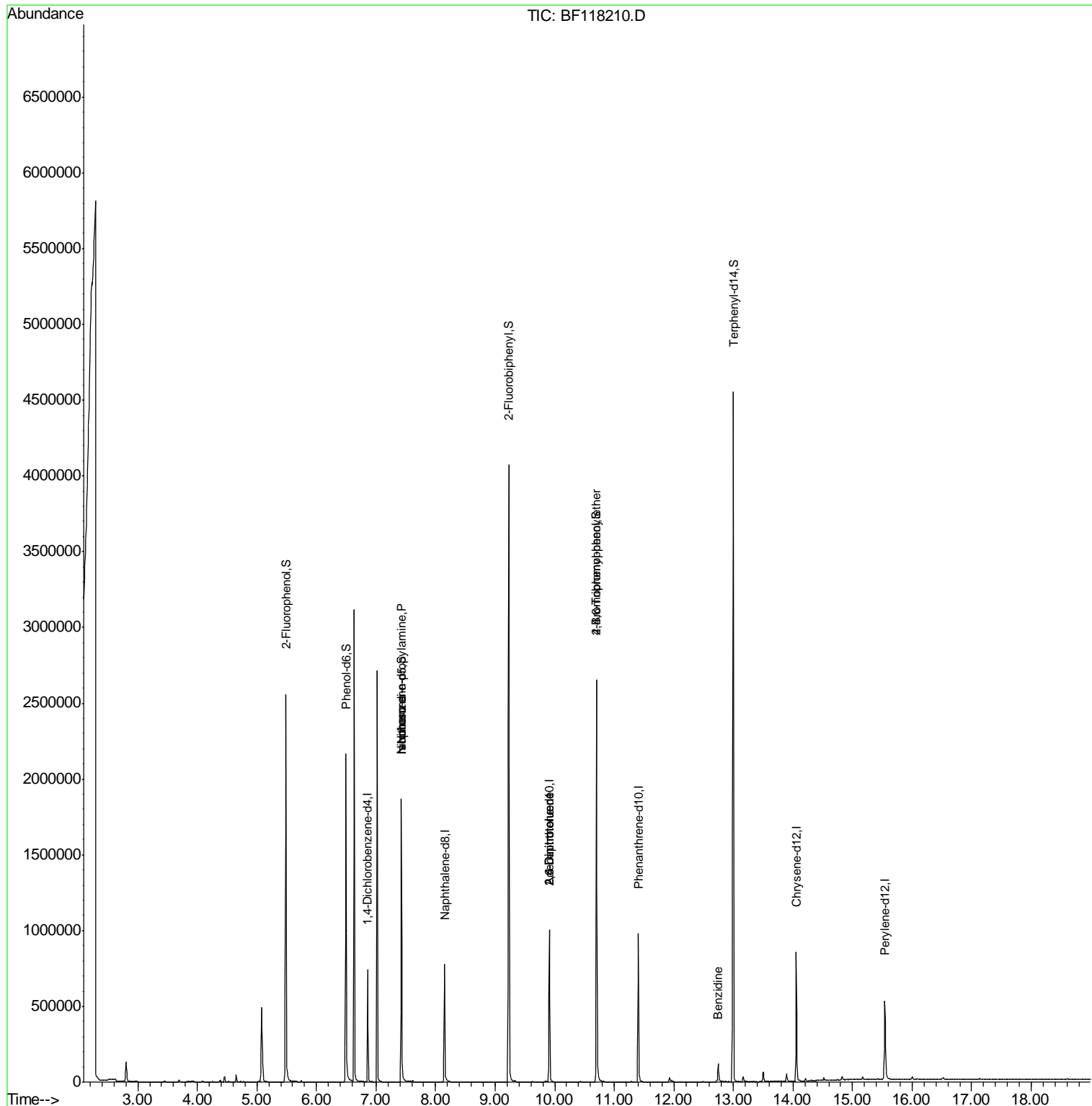
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	101353	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	387640	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	200065	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	379150	20.00	ng	0.00
76) Chrysene-d12	14.06	240	286709	20.00	ng	-0.01
87) Perylene-d12	15.54	264	270091	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	719305	124.30	ng	0.00
7) Phenol-d6	6.50	99	811312	115.91	ng	0.00
23) Nitrobenzene-d5	7.43	82	586146	85.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	340901	140.26	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1204381	91.60	ng	-0.01
79) Terphenyl-d14	13.00	244	1525097	91.47	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	78672	18.497	ng	# 79
25) Isophorone	7.43	82	580680	49.713	ng	# 62
51) 2,6-Dinitrotoluene	9.91	165	25837	8.041	ng	# 27
57) 2,4-Dinitrotoluene	9.91	165	25837	6.024	ng	# 25
67) 4-Bromophenyl-phenylether	10.70	248	21854	5.049	ng	# 1
77) Benzidine	12.74	184	60169	7.972	ng	98

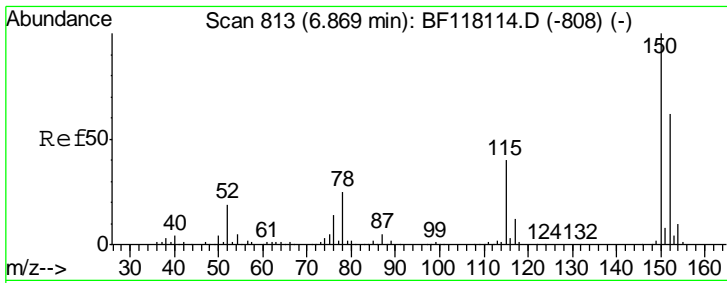
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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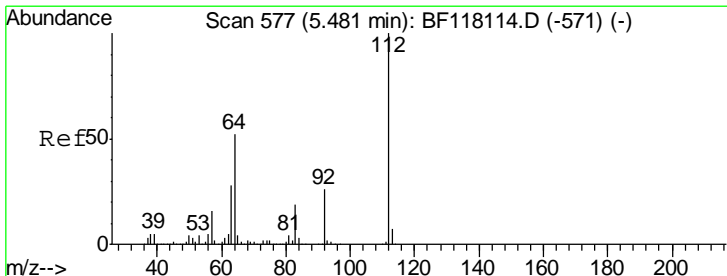
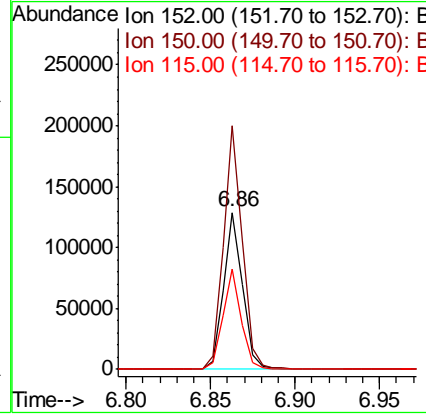
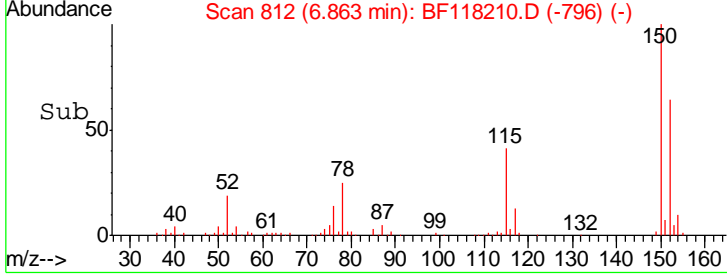
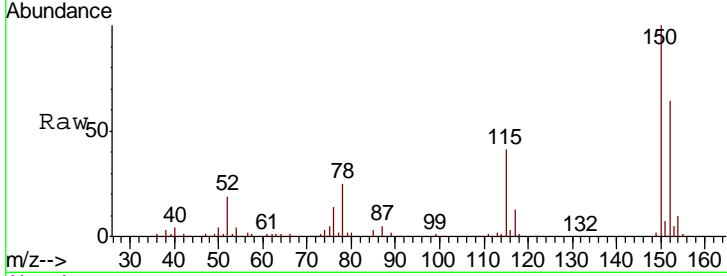




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.86 min Scan# 812  
 Delta R.T. -0.01 min  
 Lab File: BF118210.D  
 Acq: 16 Dec 2019 21:39

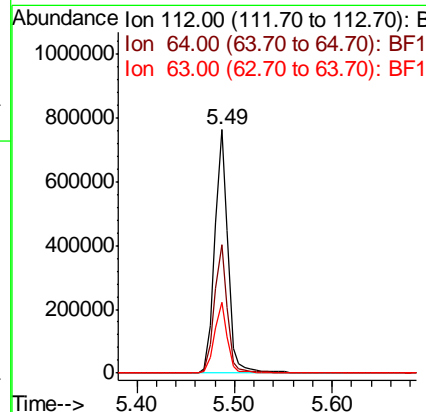
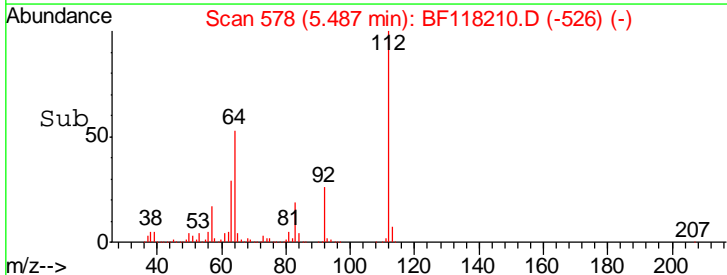
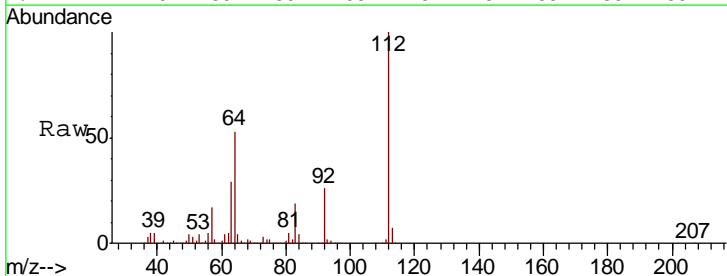
Instrument :  
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 ClientSampleId :

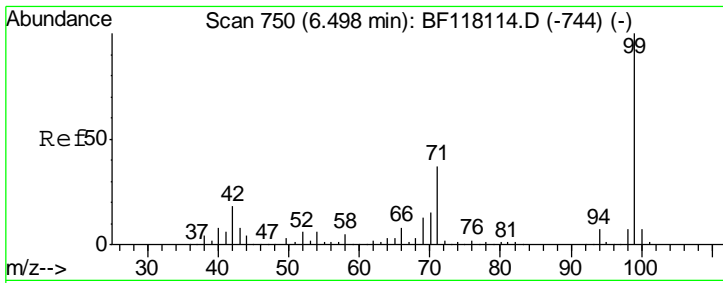
Tgt Ion	Resp	Lower	Upper
152	101353		
150	155.5	128.3	192.5
115	63.8	51.1	76.7



#5  
 2-Fluorophenol  
 Concen: 124.302 ng  
 RT: 5.49 min Scan# 578  
 Delta R.T. 0.01 min  
 Lab File: BF118210.D  
 Acq: 16 Dec 2019 21:39

Tgt Ion	Resp	Lower	Upper
112	719305		
64	52.8	41.3	61.9
63	29.1	22.4	33.6

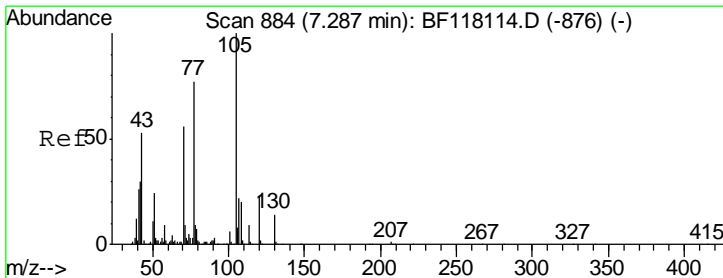
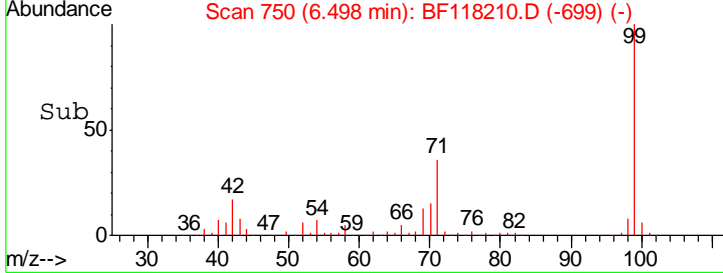
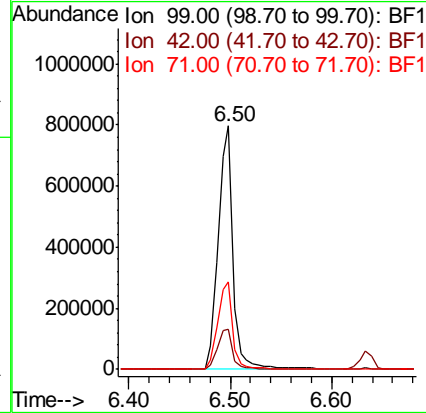
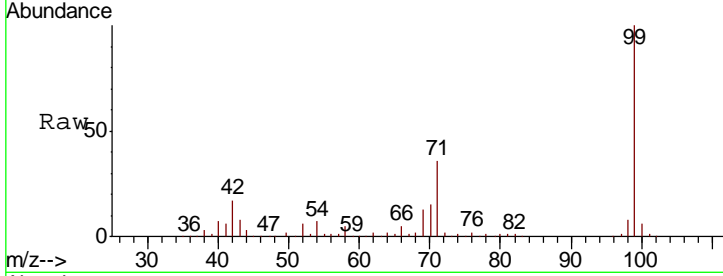




#7  
 Phenol-d6  
 Concen: 115.914 ng  
 RT: 6.50 min Scan# 750  
 Delta R.T. -0.00 min  
 Lab File: BF118210.D  
 Acq: 16 Dec 2019 21:39

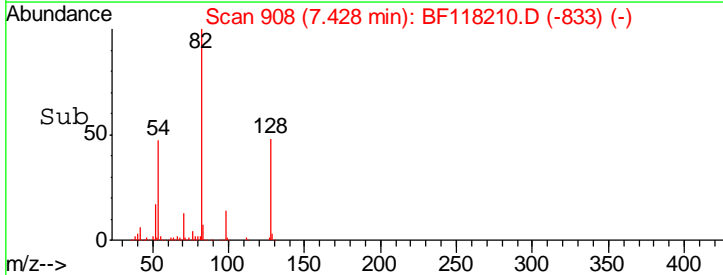
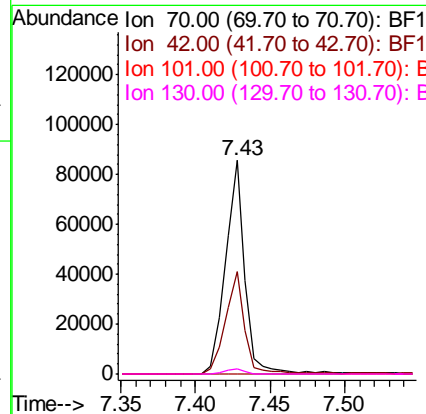
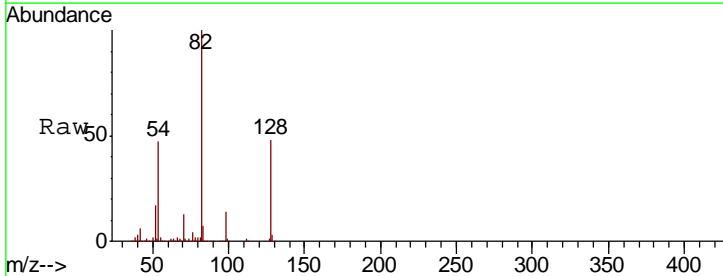
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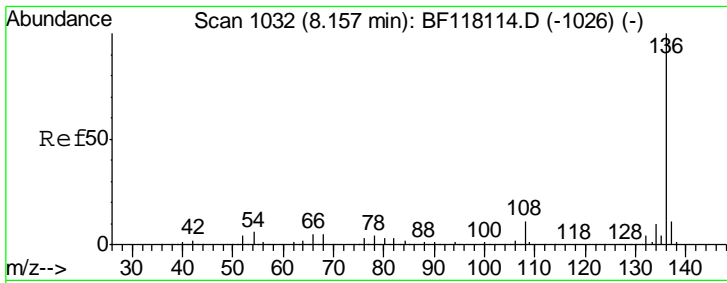
Tgt Ion	Resp	Lower	Upper
99	811312		
42	16.6	14.1	21.1
71	36.2	29.7	44.5



#19  
 n-Nitroso-di-n-propylamine  
 Concen: 18.497 ng  
 RT: 7.43 min Scan# 908  
 Delta R.T. 0.14 min  
 Lab File: BF118210.D  
 Acq: 16 Dec 2019 21:39

Tgt Ion	Resp	Lower	Upper
70	78672		
42	48.0	43.2	64.8
101	0.0	8.1	12.1#
130	2.5	19.8	29.8#

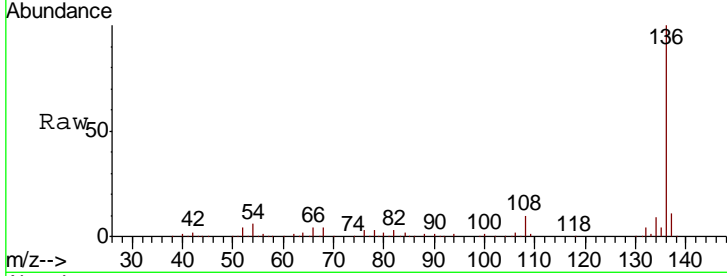




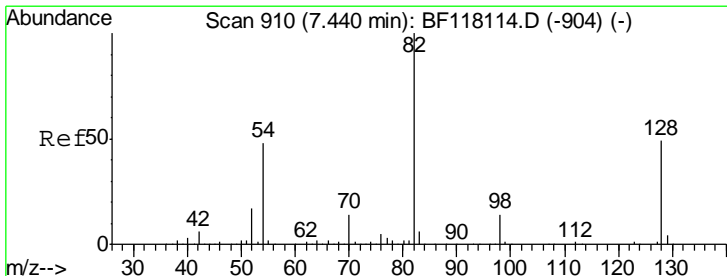
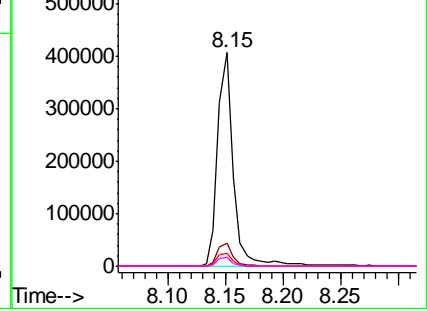
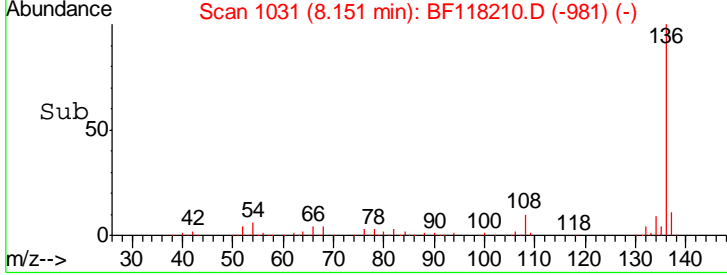
#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 8.15 min Scan# 1031  
 Delta R.T. -0.01 min  
 Lab File: BF118210.D  
 Acq: 16 Dec 2019 21:39

Instrument :  
 BNA\_F  
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
136	387640		
137	10.9	9.0	13.6
54	5.8	5.0	7.6
68	4.2	3.8	5.8

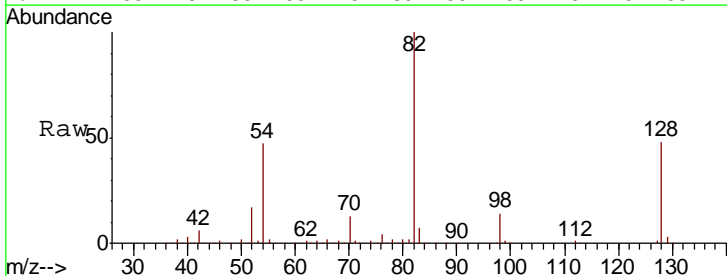


Abundance  
 Ion 136.00 (135.70 to 136.70): E  
 Ion 137.00 (136.70 to 137.70): E  
 Ion 54.00 (53.70 to 54.70): BF1  
 Ion 68.00 (67.70 to 68.70): BF1

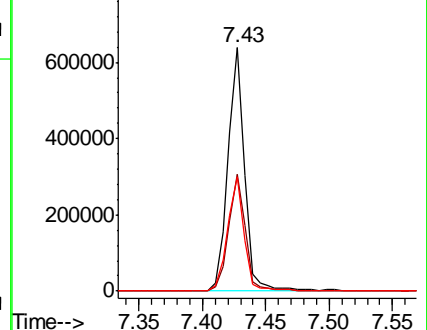
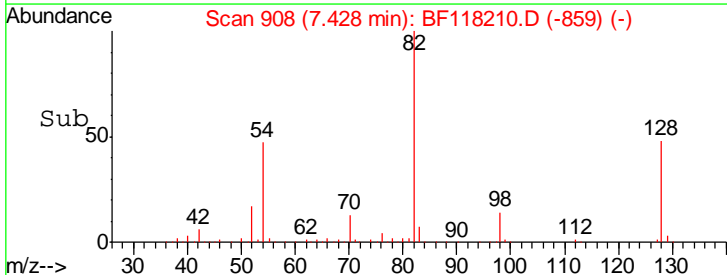


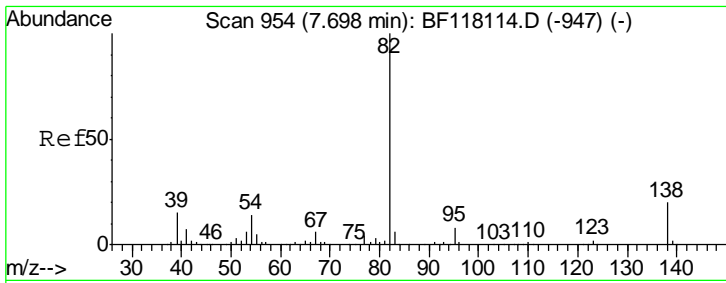
#23  
 Nitrobenzene-d5  
 Concen: 85.067 ng  
 RT: 7.43 min Scan# 908  
 Delta R.T. -0.01 min  
 Lab File: BF118210.D  
 Acq: 16 Dec 2019 21:39

Tgt Ion	Resp	Lower	Upper
82	586146		
128	47.9	39.1	58.7
54	46.7	38.2	57.2



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

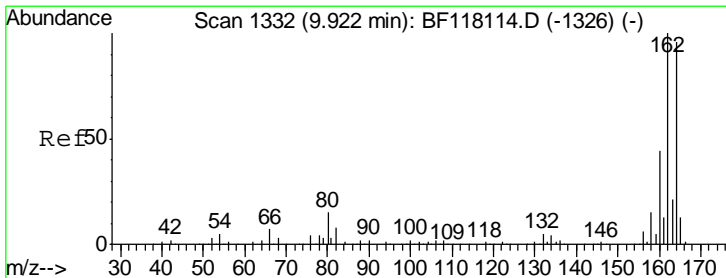
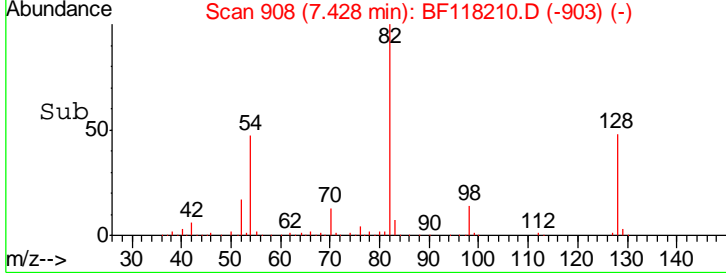
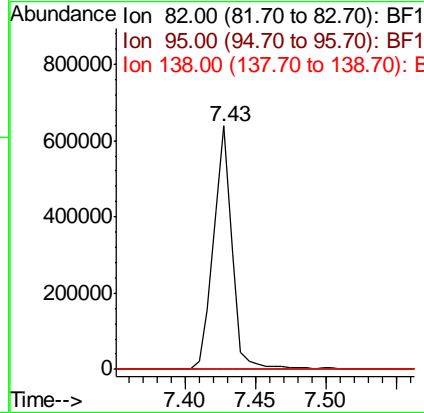
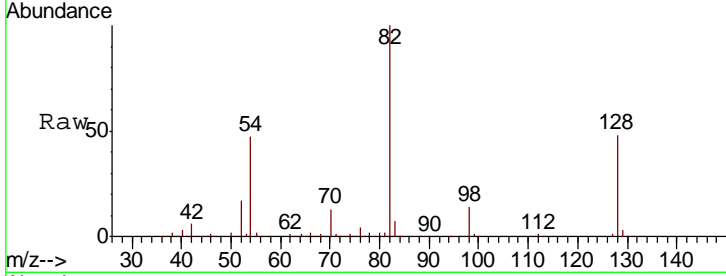




#25  
 Isophorone  
 Concen: 49.713 ng  
 RT: 7.43 min Scan# 908  
 Delta R.T. -0.27 min  
 Lab File: BF118210.D  
 Acq: 16 Dec 2019 21:39

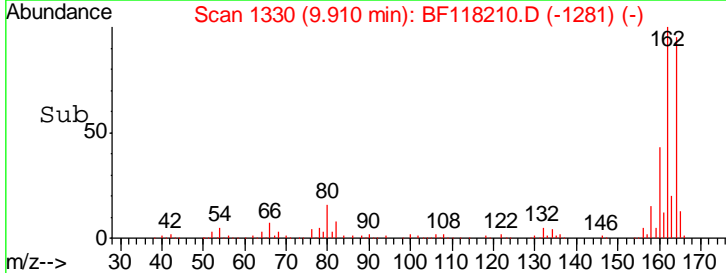
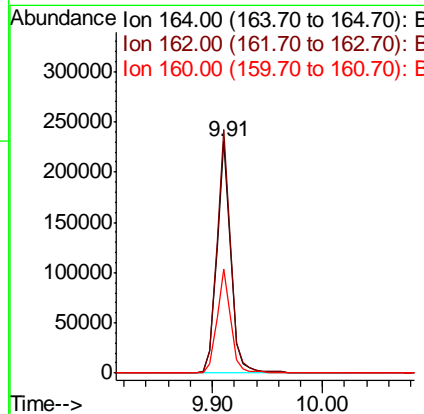
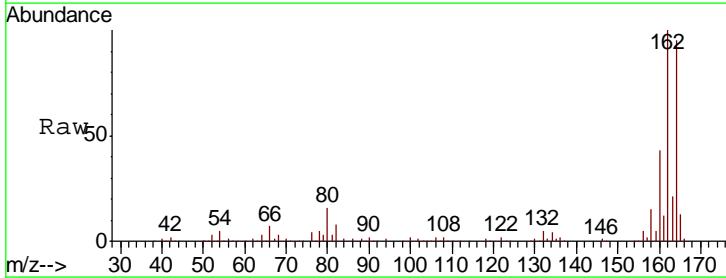
Instrument :  
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 ClientSampled :

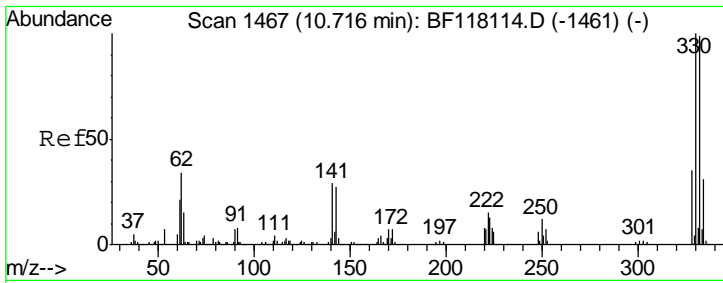
Tgt Ion	Resp	Lower	Upper
82	100		
95	0.0	6.3	9.5#
138	0.0	16.3	24.5#



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.91 min Scan# 1330  
 Delta R.T. -0.01 min  
 Lab File: BF118210.D  
 Acq: 16 Dec 2019 21:39

Tgt Ion	Resp	Lower	Upper
164	100		
162	105.0	83.4	125.0
160	45.1	36.6	54.8

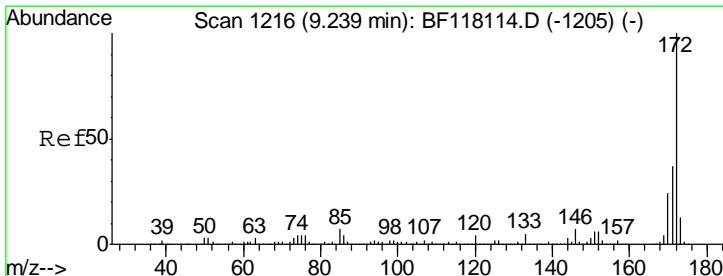
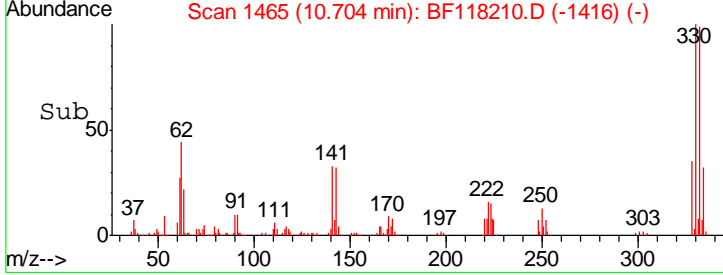
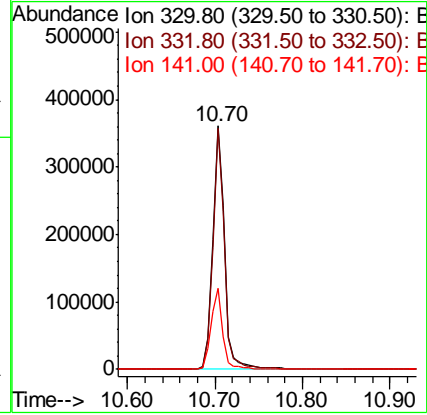
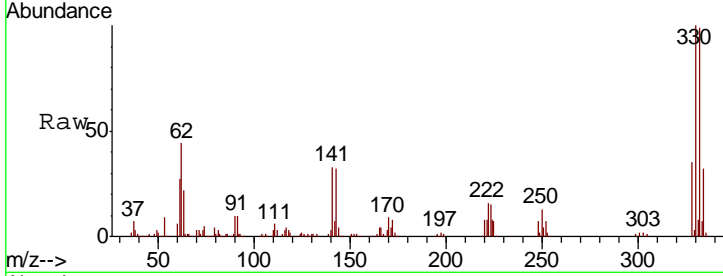




#42  
 2,4,6-Tribromophenol  
 Concen: 140.264 ng  
 RT: 10.70 min Scan# 1465  
 Delta R.T. -0.01 min  
 Lab File: BF118210.D  
 Acq: 16 Dec 2019 21:39

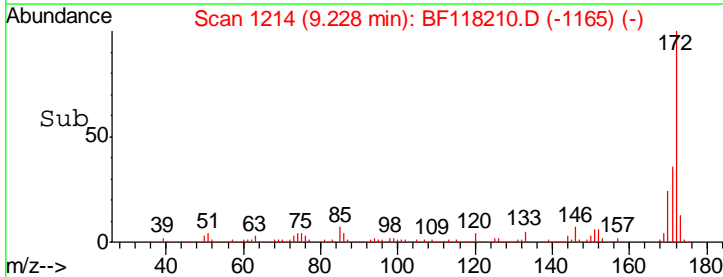
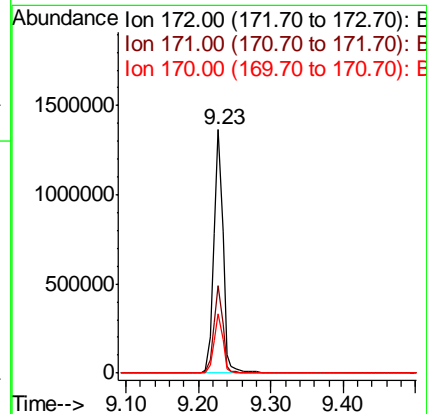
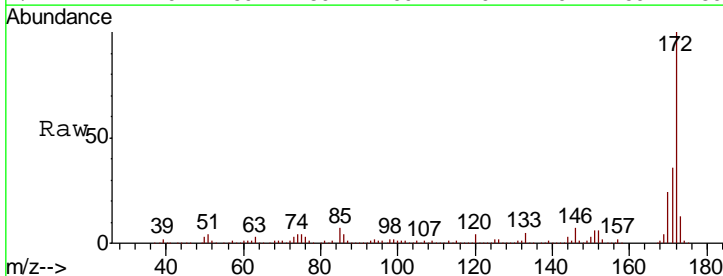
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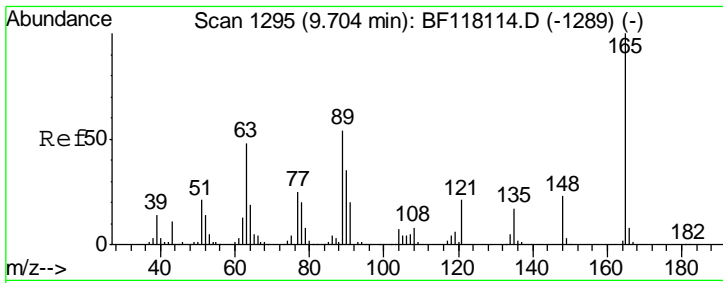
Tgt Ion	Resp	Lower	Upper
330	100		
332	96.5	78.1	117.1
141	32.8	26.9	40.3



#45  
 2-Fluorobiphenyl  
 Concen: 91.602 ng  
 RT: 9.23 min Scan# 1214  
 Delta R.T. -0.01 min  
 Lab File: BF118210.D  
 Acq: 16 Dec 2019 21:39

Tgt Ion	Resp	Lower	Upper
172	100		
171	35.7	29.2	43.8
170	24.3	19.4	29.2

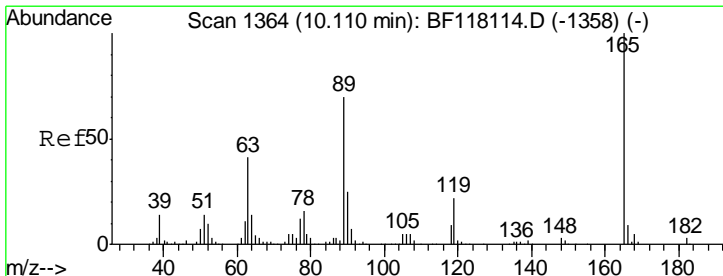
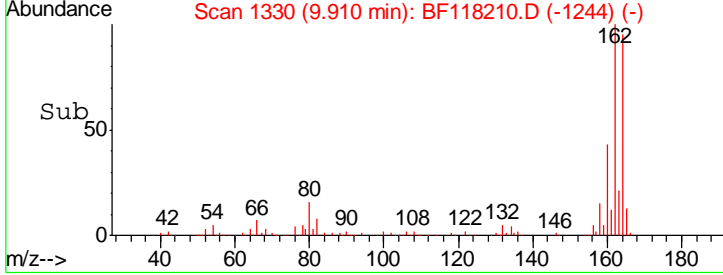
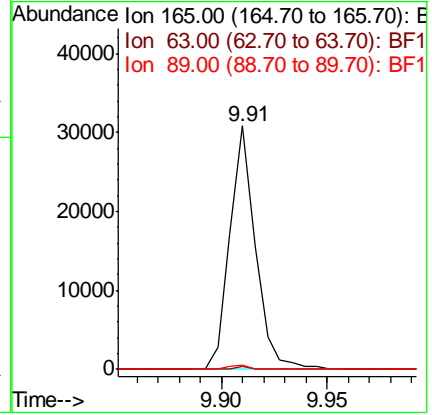
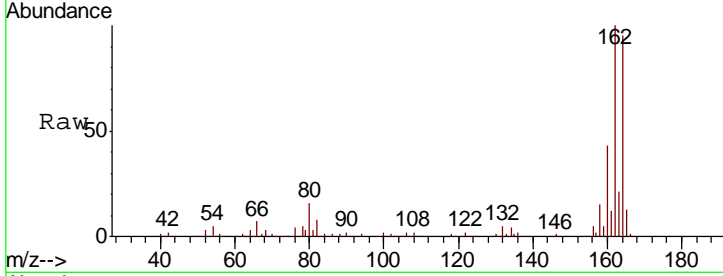




#51  
 2,6-Dinitrotoluene  
 Concen: 8.041 ng  
 RT: 9.91 min Scan# 1330  
 Delta R.T. 0.21 min  
 Lab File: BF118210.D  
 Acq: 16 Dec 2019 21:39

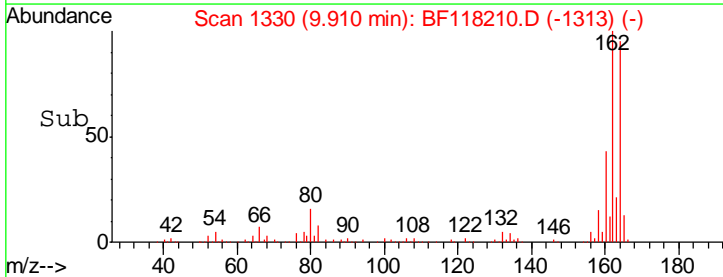
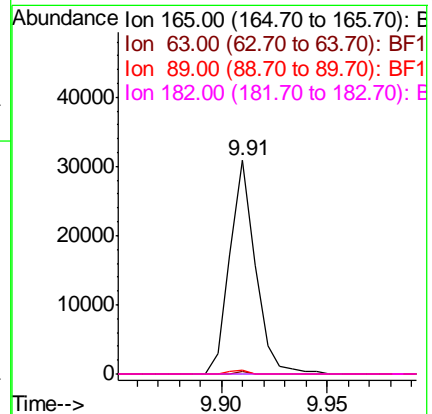
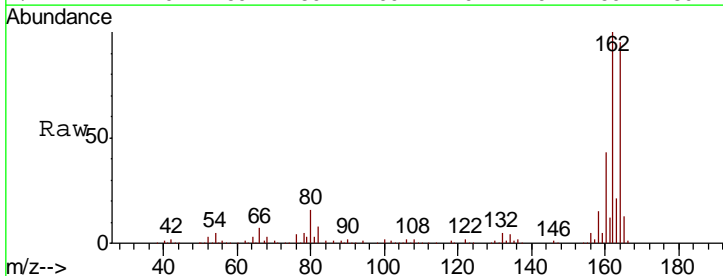
Instrument :  
 BNA\_F  
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
165	100		
63	1.0	41.4	62.0#
89	1.7	42.9	64.3#

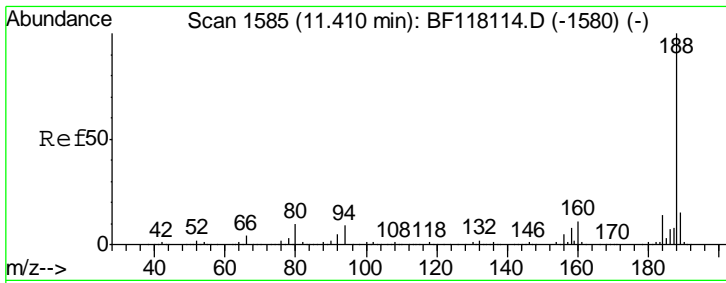


#57  
 2,4-Dinitrotoluene  
 Concen: 6.024 ng  
 RT: 9.91 min Scan# 1330  
 Delta R.T. -0.20 min  
 Lab File: BF118210.D  
 Acq: 16 Dec 2019 21:39

Tgt Ion	Resp	Lower	Upper
165	100		
63	1.0	32.6	49.0#
89	1.7	56.1	84.1#
182	0.0	2.1	3.1#



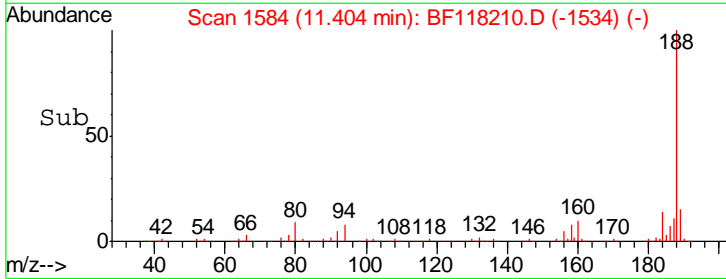
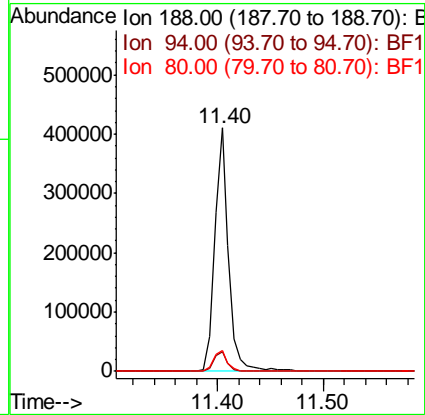
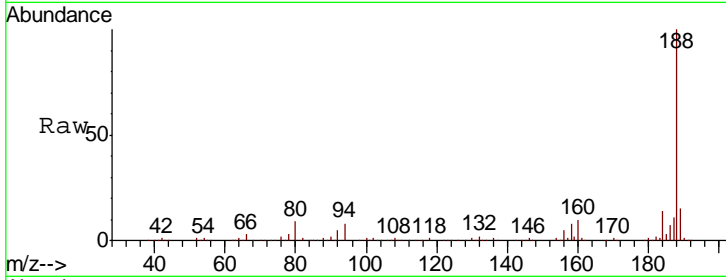




#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.40 min Scan# 1584  
 Delta R.T. -0.01 min  
 Lab File: BF118210.D  
 Acq: 16 Dec 2019 21:39

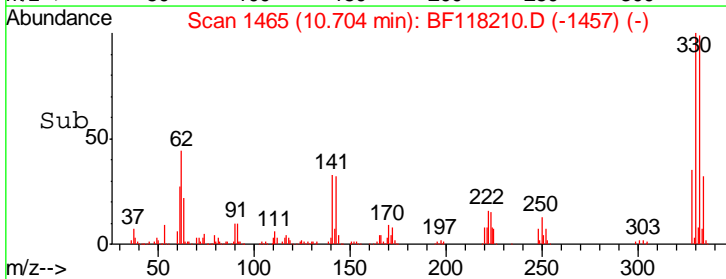
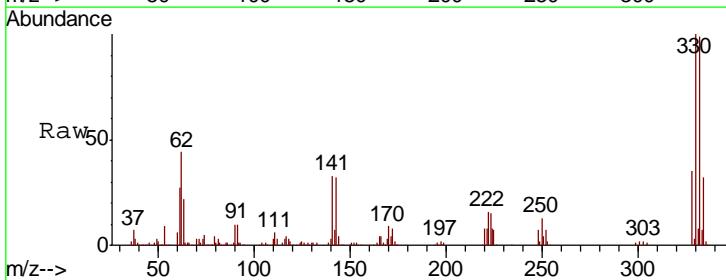
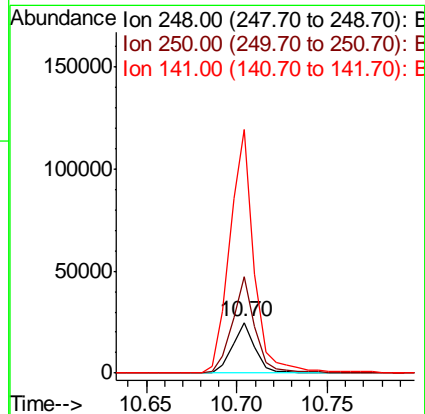
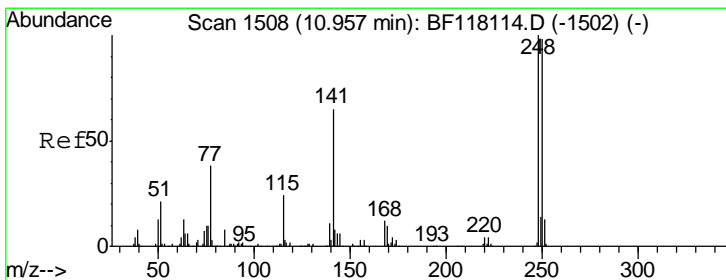
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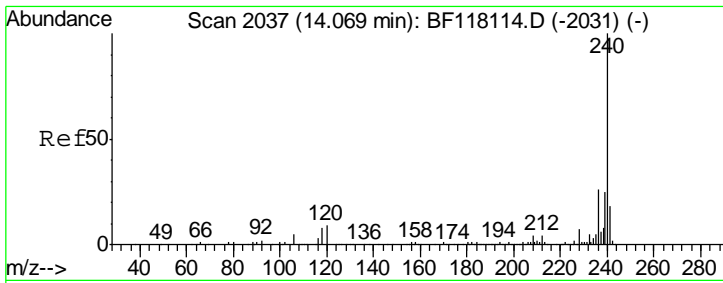
Tgt Ion	Resp	Lower	Upper
188	100		
94	7.8	7.1	10.7
80	8.7	7.9	11.9



#67  
 4-Bromophenyl-phenylether  
 Concen: 5.049 ng  
 RT: 10.70 min Scan# 1465  
 Delta R.T. -0.25 min  
 Lab File: BF118210.D  
 Acq: 16 Dec 2019 21:39

Tgt Ion	Resp	Lower	Upper
248	100		
250	189.3	78.3	117.5#
141	479.6	52.2	78.4#

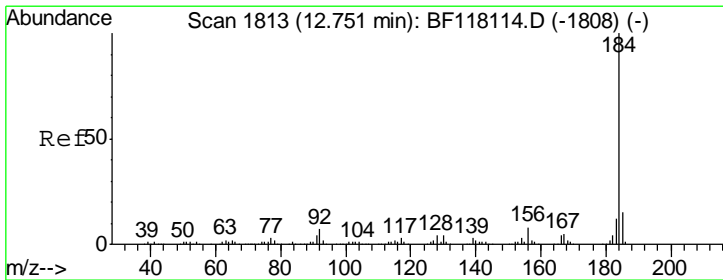
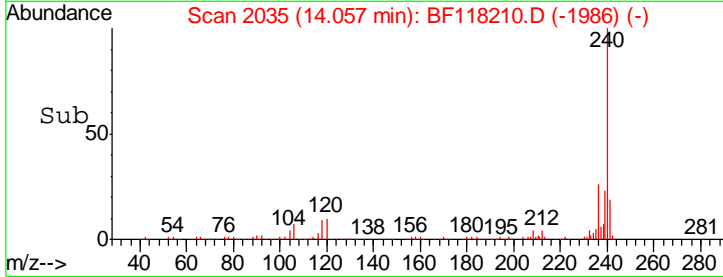
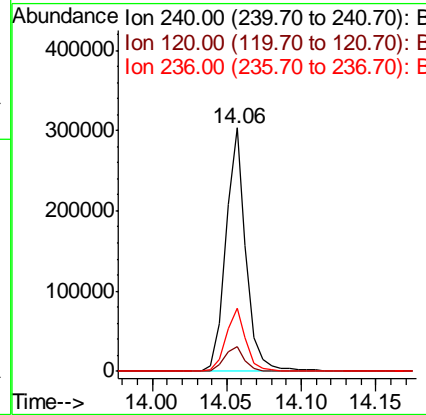
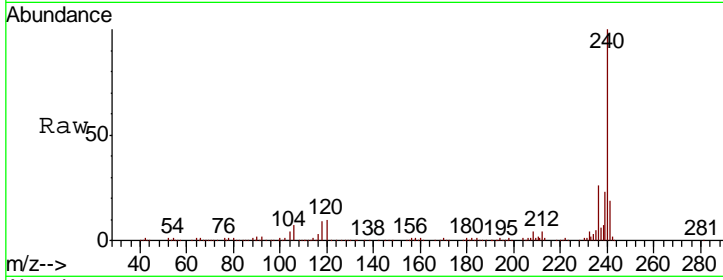




#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.06 min Scan# 2035  
 Delta R.T. -0.01 min  
 Lab File: BF118210.D  
 Acq: 16 Dec 2019 21:39

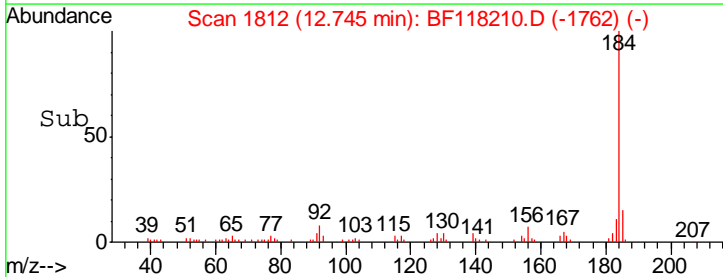
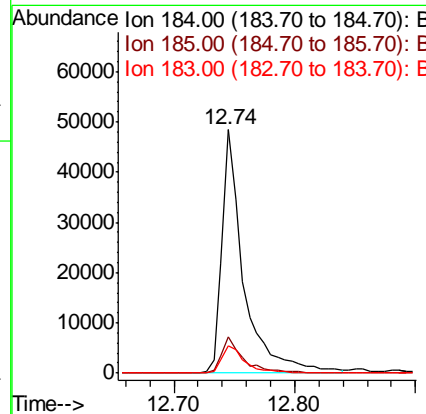
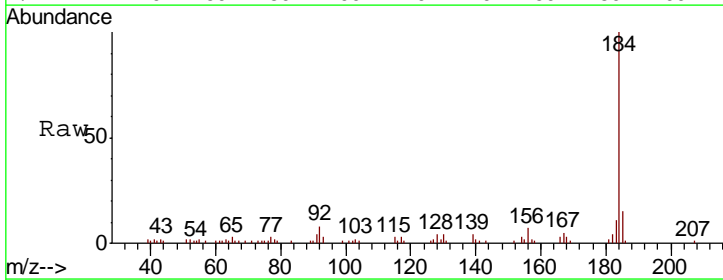
Instrument :  
 BNA\_F  
 ClientSampled :

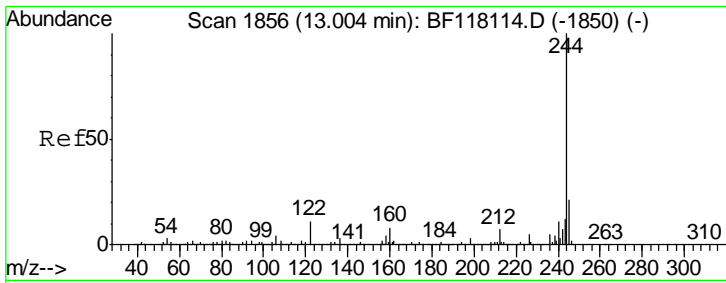
Tgt Ion	Resp	Lower	Upper
240	286709		
120	10.3	7.1	10.7
236	25.7	21.0	31.6



#77  
 Benzidine  
 Concen: 7.972 ng  
 RT: 12.74 min Scan# 1812  
 Delta R.T. -0.01 min  
 Lab File: BF118210.D  
 Acq: 16 Dec 2019 21:39

Tgt Ion	Resp	Lower	Upper
184	60169		
185	14.7	12.3	18.5
183	11.1	9.9	14.9



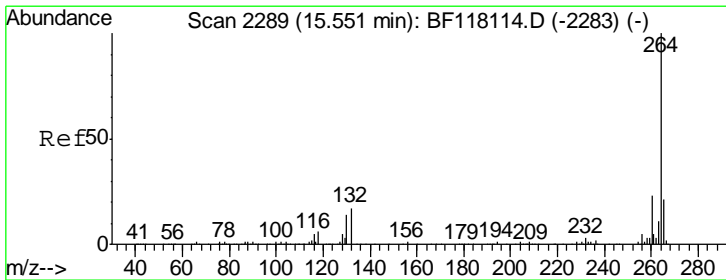
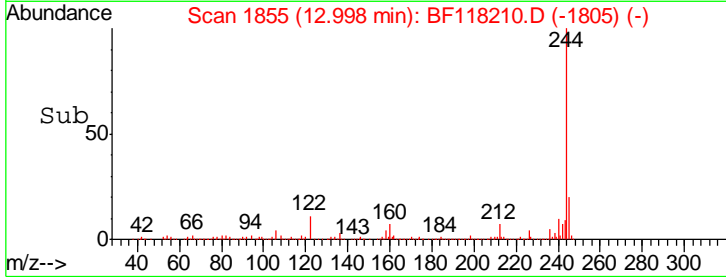
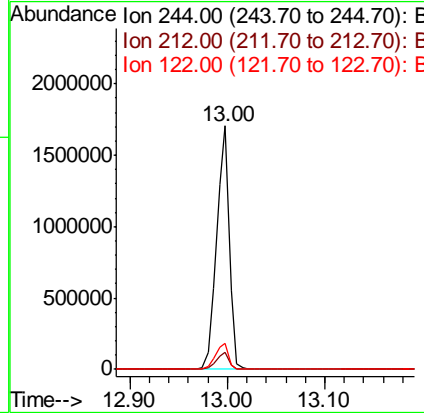
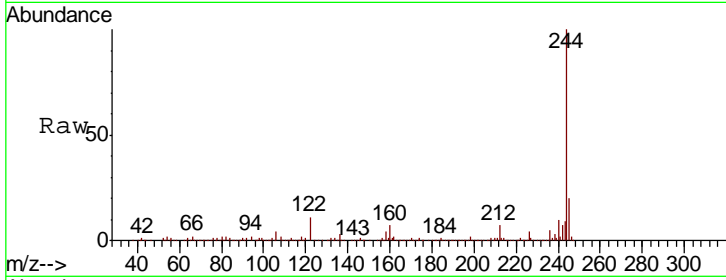


#79  
 Terphenyl-d14  
 Concen: 91.472 ng  
 RT: 13.00 min Scan# 1855  
 Delta R.T. -0.01 min  
 Lab File: BF118210.D  
 Acq: 16 Dec 2019 21:39

Instrument :  
 BNA\_F  
 ClientSampled :

Tgt Ion: 244 Resp: 1525097

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	10.7	9.0	13.6



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.54 min Scan# 2288  
 Delta R.T. -0.01 min  
 Lab File: BF118210.D  
 Acq: 16 Dec 2019 21:39

Tgt Ion: 264 Resp: 270091

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	21.5	16.8	25.2

