

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102618\  
 Data File : BF110219.D  
 Acq On : 26 Oct 2018 19:37  
 Operator : JU/SJ  
 Sample : J5515-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DFTPP

Quant Time: Nov 20 04:54:21 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF102318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 23 15:06:18 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	73763	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	219335	20.00	ng	0.00
39) Acenaphthene-d10	10.12	164	41212m	20.00	ng	0.09
64) Phenanthrene-d10	11.61	188	71228m	20.00	ng	0.09
76) Chrysene-d12	14.17	240	193087	20.00	ng	0.01
87) Perylene-d12	15.69	264	144661	20.00	ng	0.00

## System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	576426	127.26	ng	-0.02
7) Phenol-d6	6.59	99	695617	120.06	ng	-0.01
23) Nitrobenzene-d5	7.54	82	316997	85.72	ng	-0.01
42) 2,4,6-Tribromophenol	10.91	330	53943	132.14	ng	0.09
45) 2-Fluorobiphenyl	9.40	172	231520	88.21	ng	0.06
79) Terphenyl-d14	13.14	244	405804	43.71	ng	0.04

## Target Compounds

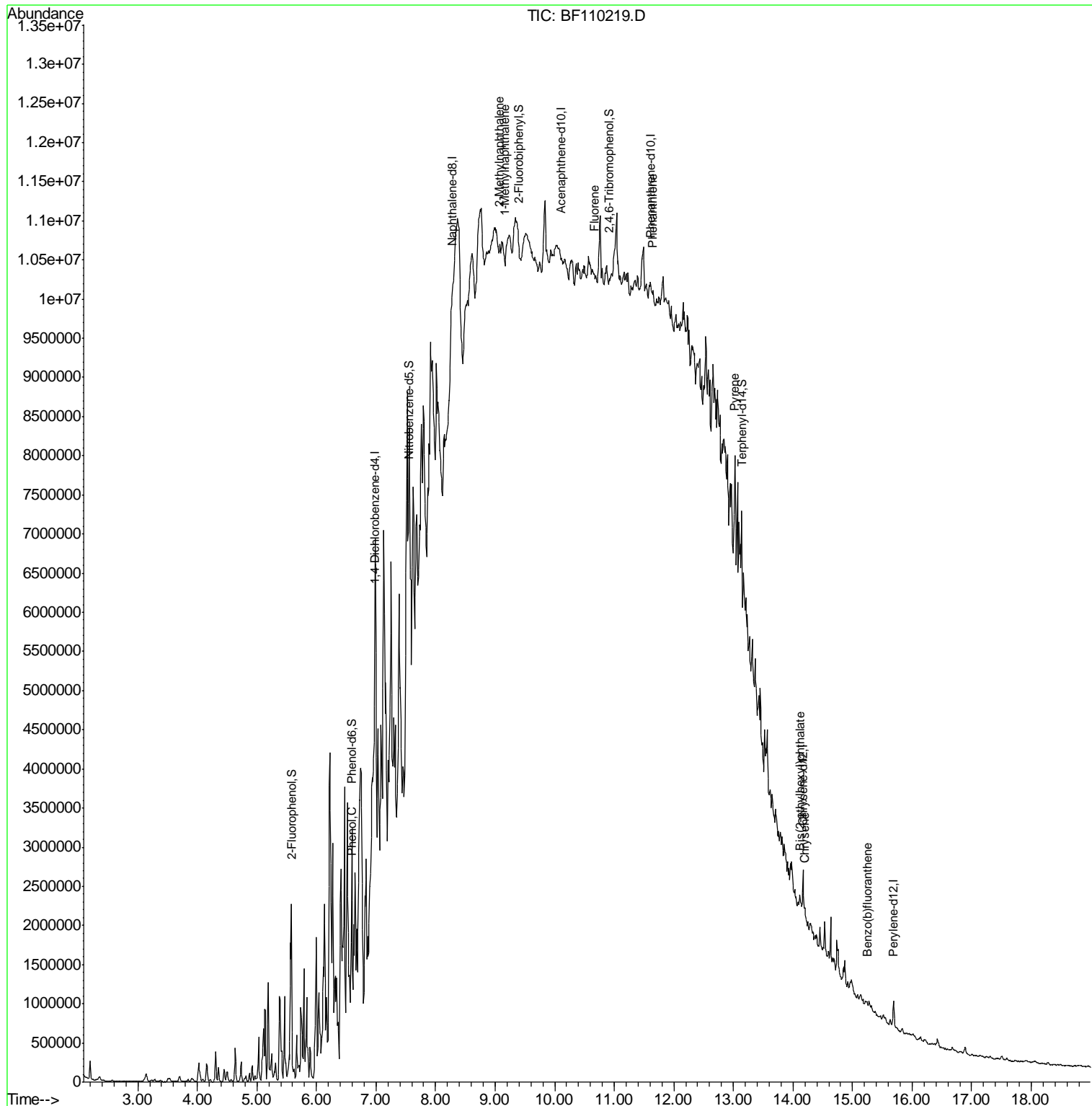
						Qvalue
10) Phenol	6.60	94	46034	7.433	ng	# 71
37) 2-Methylnaphthalene	9.06	142	3245038	485.176	ng	# 95
38) 1-Methylnaphthalene	9.16	142	2441256m	377.703	ng	
58) Fluorene	10.67	166	386074m	141.845	ng	
71) Phenanthrene	11.64	178	1295649m	347.640	ng	
78) Pyrene	13.03	202	319588m	23.087	ng	
83) Chrysene	14.20	228	56000	5.149	ng	# 70
84) Bis(2-ethylhexyl)phthalate	14.12	149	49698	6.119	ng	# 83
88) Benzo(b)fluoranthene	15.24	252	29623m	3.546	ng	

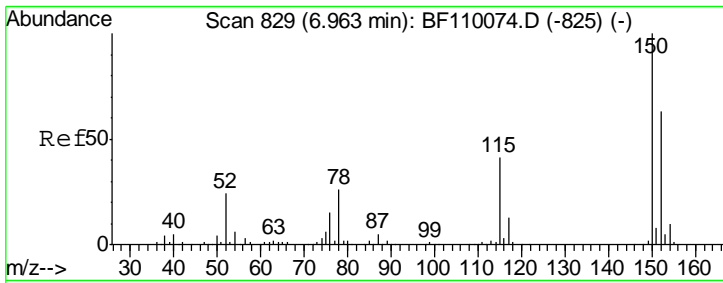
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102618\  
 Data File : BF110219.D  
 Acq On : 26 Oct 2018 19:37  
 Operator : JU/SJ  
 Sample : J5515-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampled :  
 DFTPP

Quant Time: Nov 20 04:54:21 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF102318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 23 15:06:18 2018  
 Response via : Initial Calibration

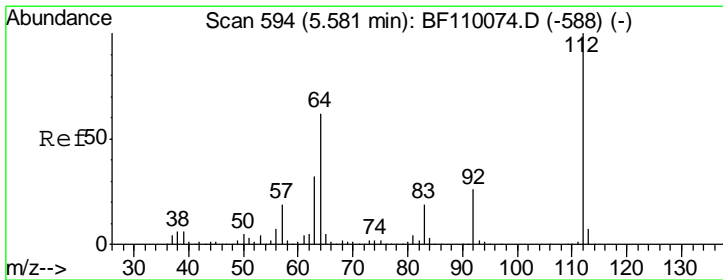
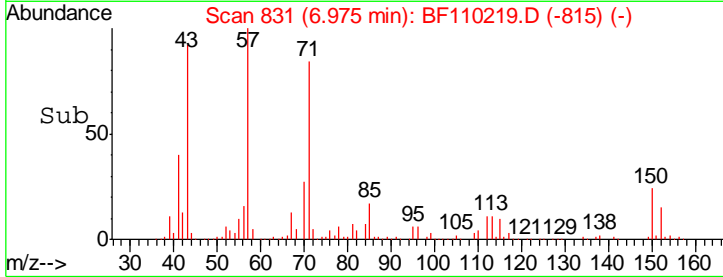
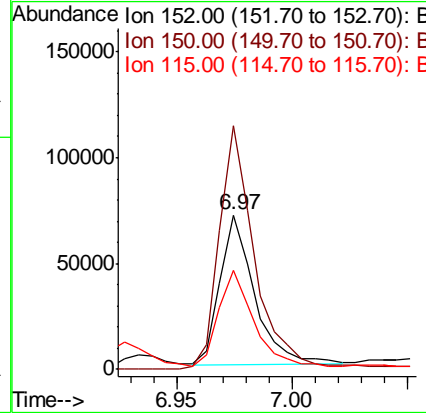
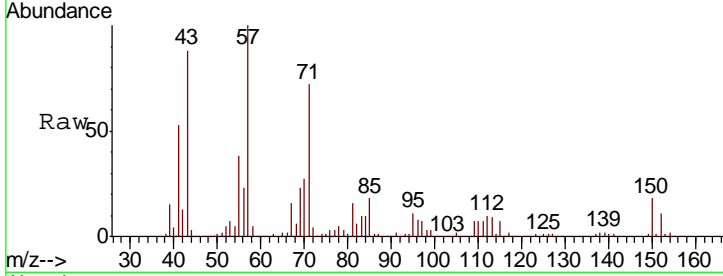




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.97 min Scan# 831  
 Delta R.T. -0.01 min  
 Lab File: BF110219.D  
 Acq: 26 Oct 2018 19:37

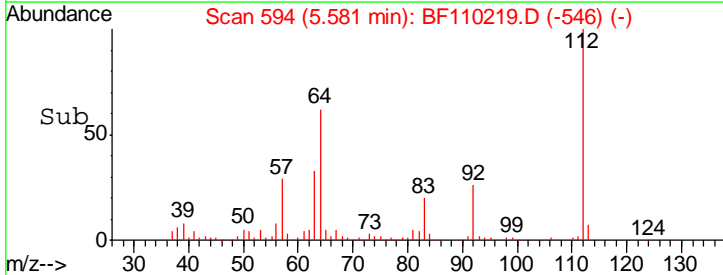
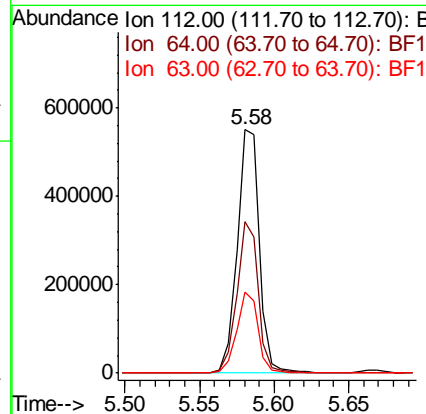
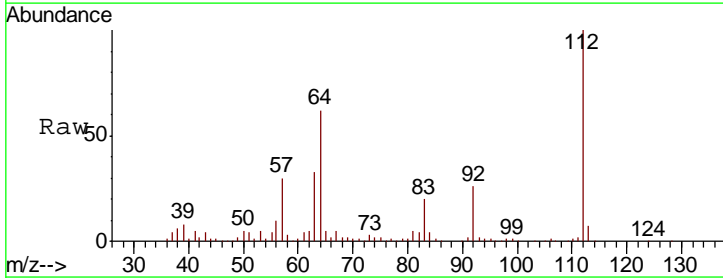
Instrument :  
 BNA\_F  
 ClientSampleId :  
 DFTPP

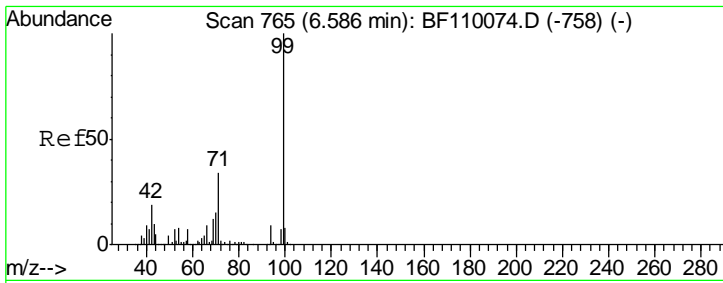
Tgt Ion	Resp	Lower	Upper
152	100		
150	157.8	122.7	184.1
115	63.8	49.1	73.7



#5  
 2-Fluorophenol  
 Concen: 127.256 ng  
 RT: 5.58 min Scan# 594  
 Delta R.T. -0.02 min  
 Lab File: BF110219.D  
 Acq: 26 Oct 2018 19:37

Tgt Ion	Resp	Lower	Upper
112	100		
64	62.4	44.1	66.1
63	33.3	23.7	35.5

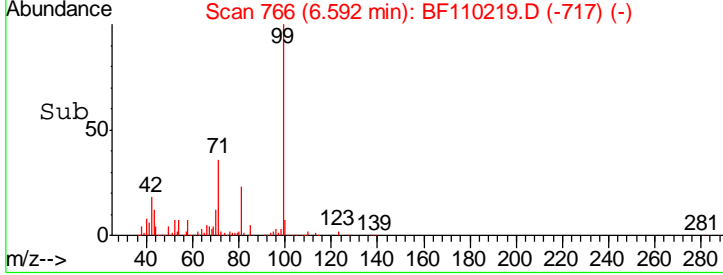
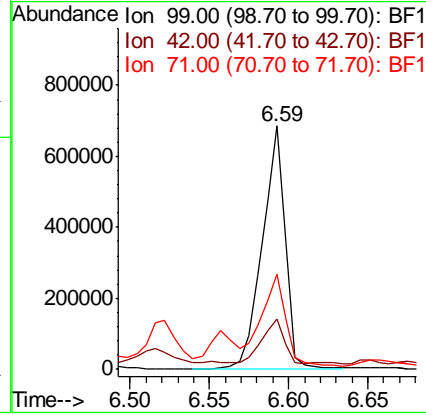
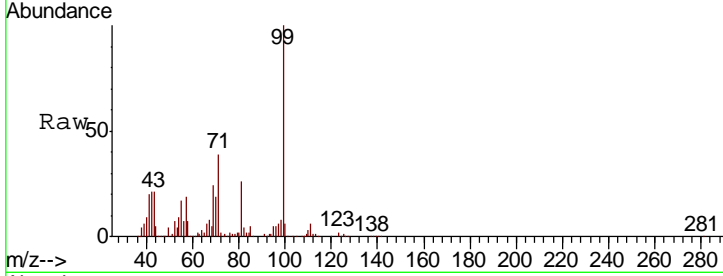




#7  
 Phenol-d6  
 Concen: 120.063 ng  
 RT: 6.59 min Scan# 766  
 Delta R.T. -0.01 min  
 Lab File: BF110219.D  
 Acq: 26 Oct 2018 19:37

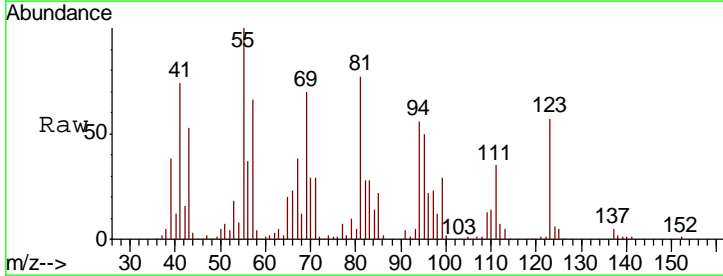
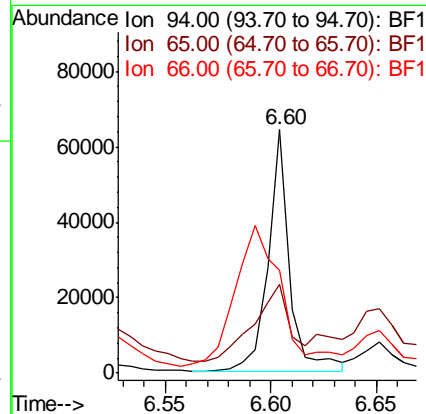
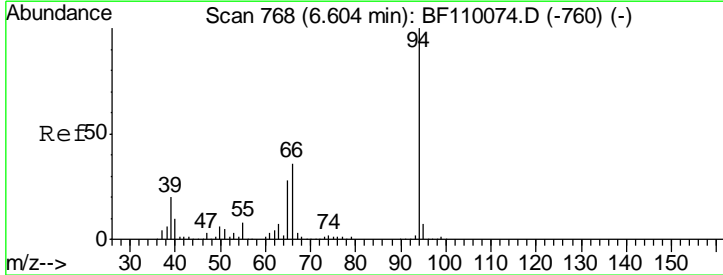
Instrument :  
 BNA\_F  
 ClientSampled :  
 DFTPP

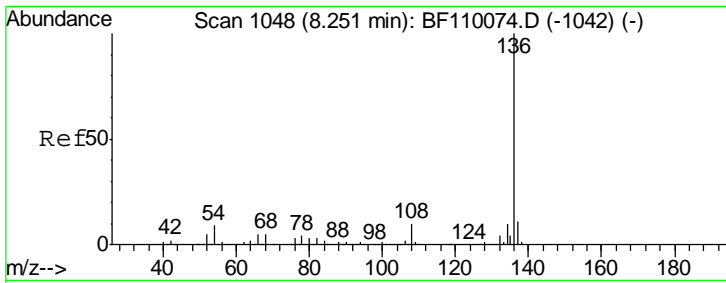
Tgt Ion	Resp	Lower	Upper
99	695617		
42	20.9	15.8	23.6
71	38.9	28.0	42.0



#10  
 Phenol  
 Concen: 7.433 ng  
 RT: 6.60 min Scan# 768  
 Delta R.T. -0.01 min  
 Lab File: BF110219.D  
 Acq: 26 Oct 2018 19:37

Tgt Ion	Resp	Lower	Upper
94	46034		
65	36.5	25.3	65.3
66	42.0	54.5	94.5#

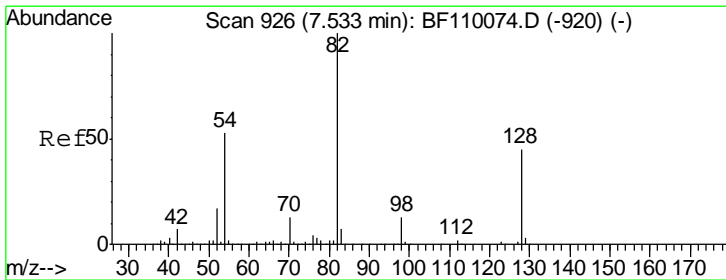
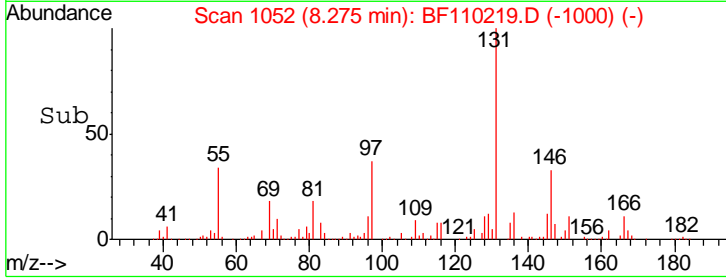
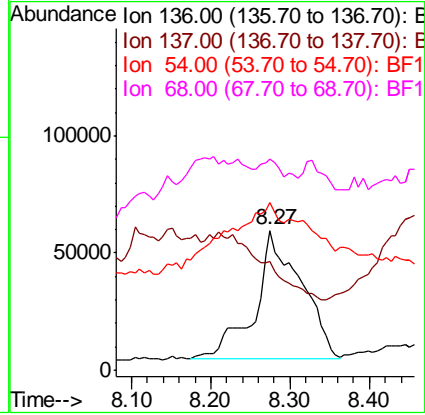
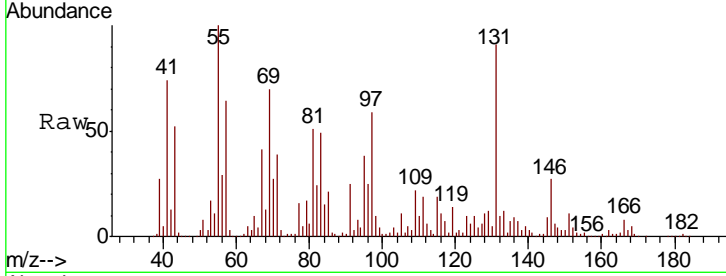




#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 8.27 min Scan# 1052  
 Delta R.T. 0.01 min  
 Lab File: BF110219.D  
 Acq: 26 Oct 2018 19:37

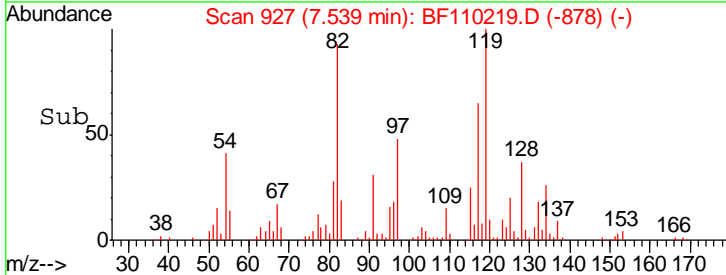
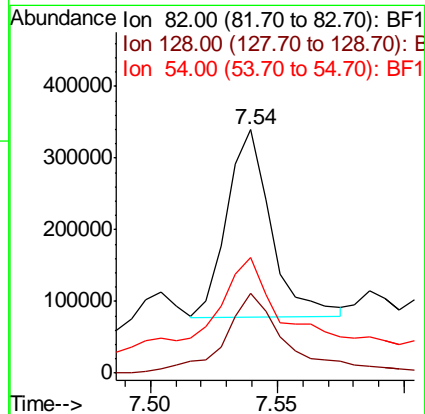
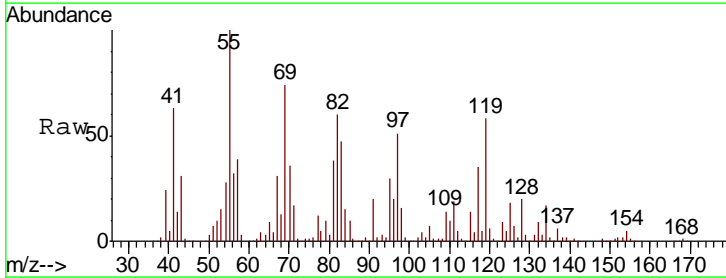
Instrument :  
 BNA\_F  
 ClientSampleID :  
 DFTPP

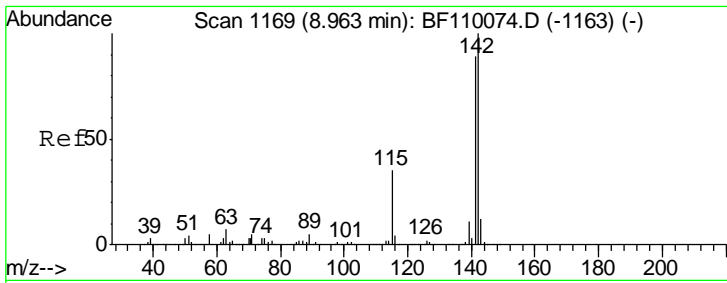
Tgt Ion	Resp	Lower	Upper
136	219335		
137	77.7	8.8	13.2#
54	119.5	5.4	8.2#
68	151.0	4.2	6.2#



#23  
 Nitrobenzene-d5  
 Concen: 85.723 ng  
 RT: 7.54 min Scan# 927  
 Delta R.T. -0.01 min  
 Lab File: BF110219.D  
 Acq: 26 Oct 2018 19:37

Tgt Ion	Resp	Lower	Upper
82	316997		
128	32.7	34.2	51.2#
54	47.5	38.6	58.0



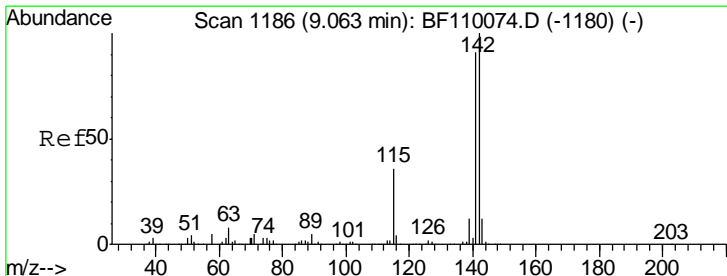
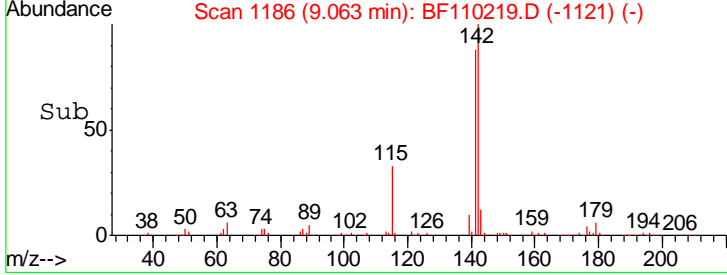
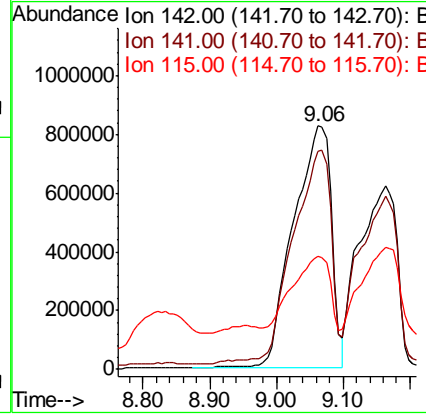
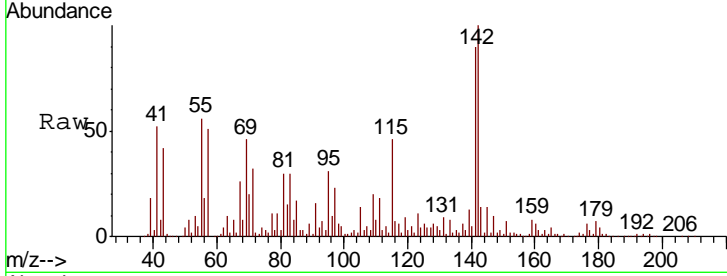


#37  
 2-Methylnaphthalene  
 Concen: 485.176 ng  
 RT: 9.06 min Scan# 1186  
 Delta R.T. 0.08 min  
 Lab File: BF110219.D  
 Acq: 26 Oct 2018 19:37

Instrument :  
 BNA\_F  
 ClientSampled :  
 DFTPP

Tgt Ion:142 Resp: 3245038

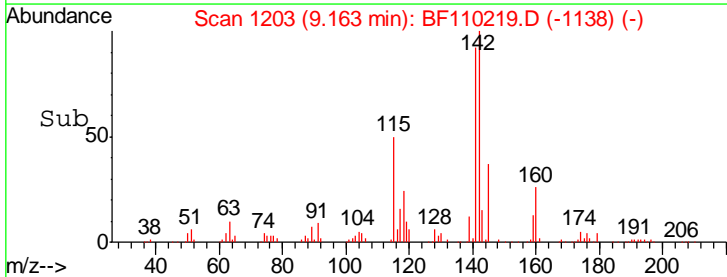
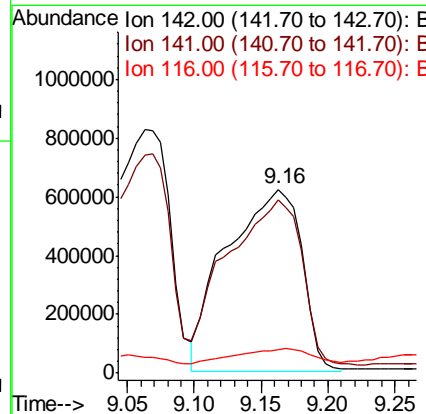
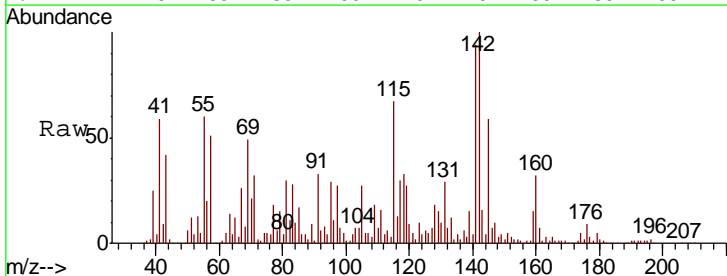
Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.4	107.2
115	46.2	28.7	43.1#

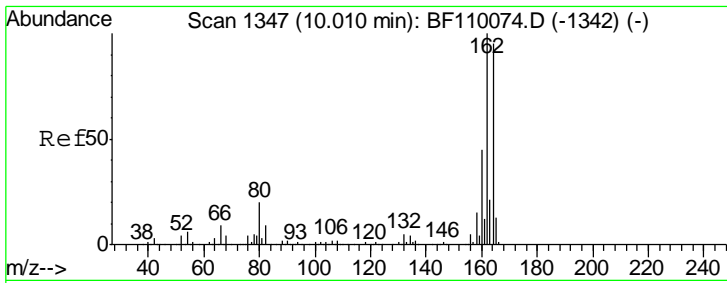


#38  
 1-Methylnaphthalene  
 Concen: 377.703 ng m  
 RT: 9.16 min Scan# 1203  
 Delta R.T. 0.08 min  
 Lab File: BF110219.D  
 Acq: 26 Oct 2018 19:37

Tgt Ion:142 Resp: 2441256

Ion	Ratio	Lower	Upper
142	100		
141	94.4	74.2	111.4
116	12.8	2.6	4.0#

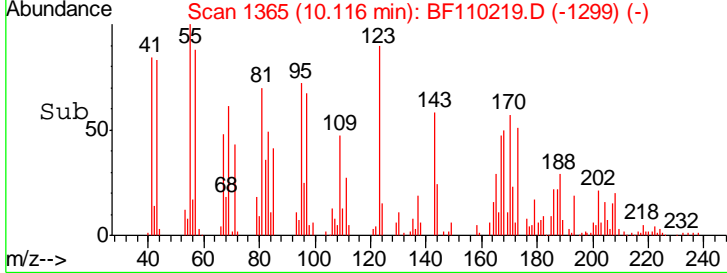
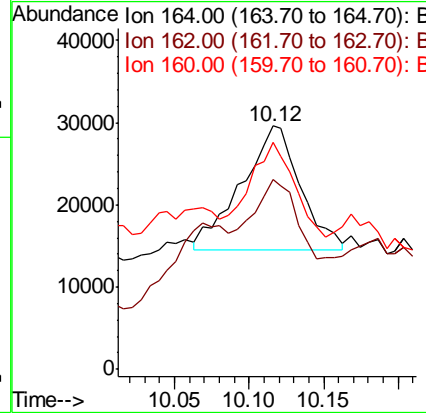
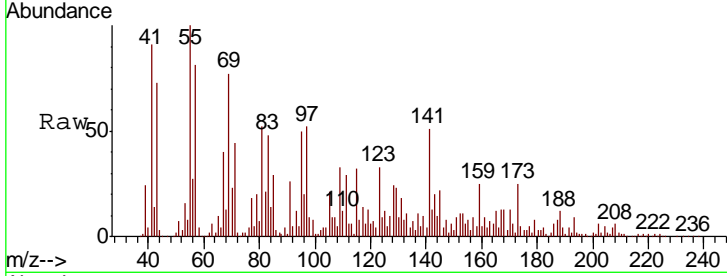




#39  
 Acenaphthene-d10  
 Concen: 20.000 ng m  
 RT: 10.12 min Scan# 1365  
 Delta R.T. 0.09 min  
 Lab File: BF110219.D  
 Acq: 26 Oct 2018 19:37

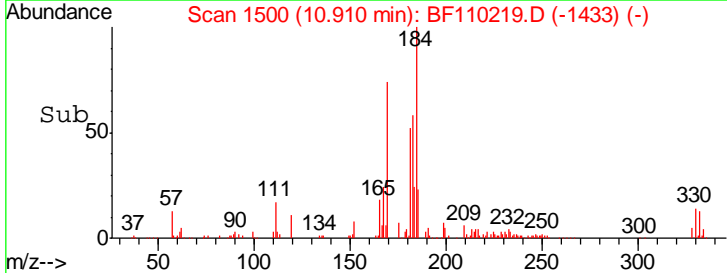
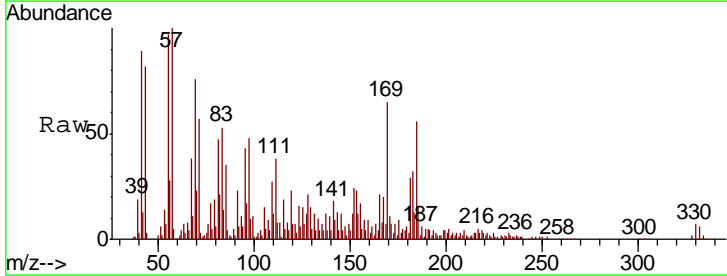
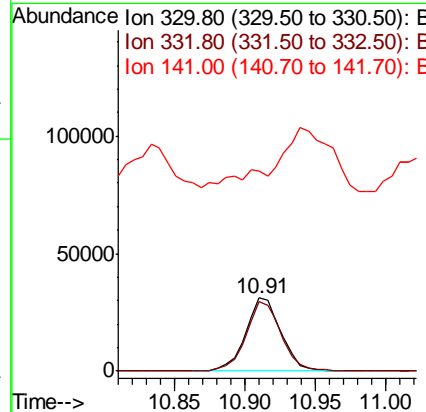
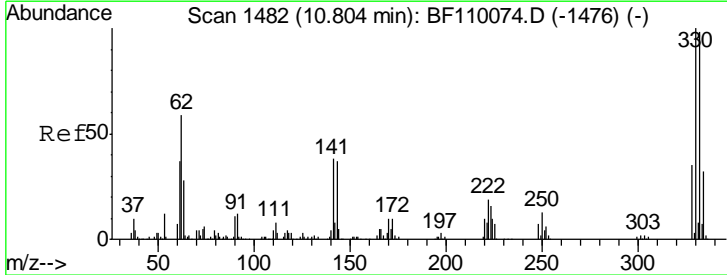
Instrument :  
 BNA\_F  
 ClientSampled :  
 DFTPP

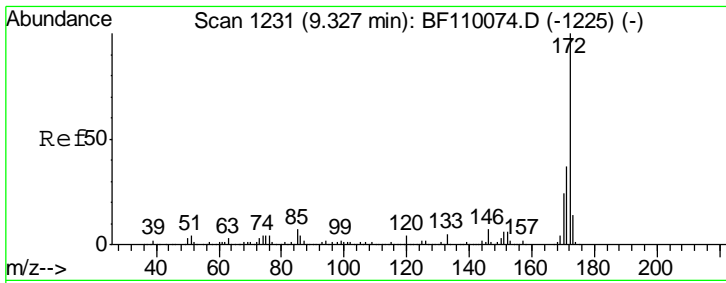
Tgt Ion	Resp	Lower	Upper
164	100		
162	77.9	83.0	124.6#
160	93.5	37.0	55.6#



#42  
 2,4,6-Tribromophenol  
 Concen: 132.138 ng  
 RT: 10.91 min Scan# 1500  
 Delta R.T. 0.09 min  
 Lab File: BF110219.D  
 Acq: 26 Oct 2018 19:37

Tgt Ion	Resp	Lower	Upper
330	100		
332	94.8	77.1	115.7
141	0.0	27.0	40.4#

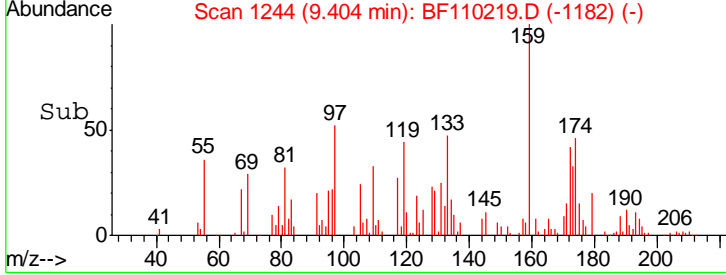
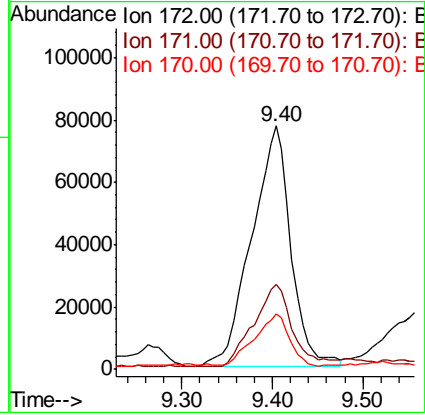
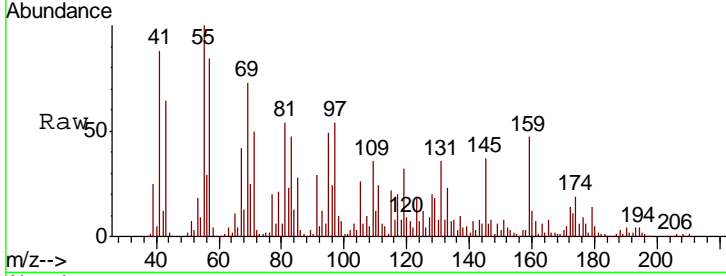




#45  
 2-Fluorobiphenyl  
 Concen: 88.214 ng  
 RT: 9.40 min Scan# 1244  
 Delta R.T. 0.06 min  
 Lab File: BF110219.D  
 Acq: 26 Oct 2018 19:37

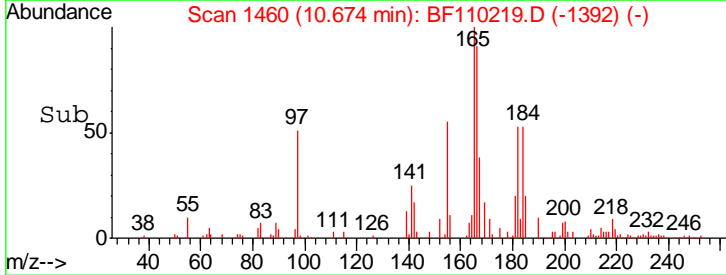
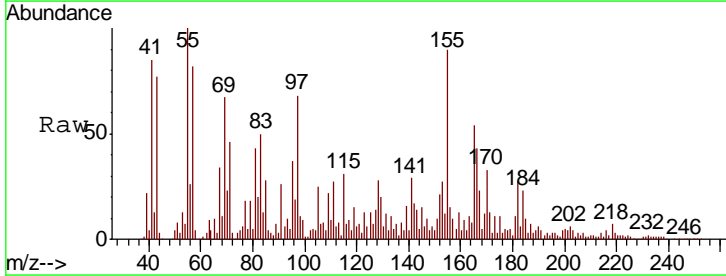
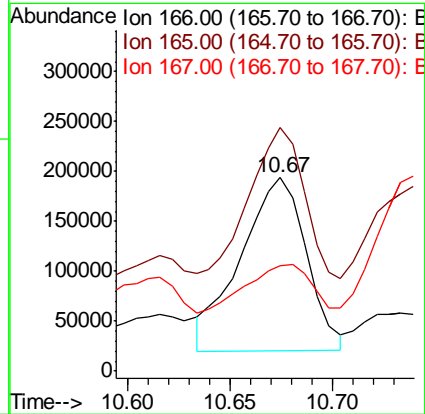
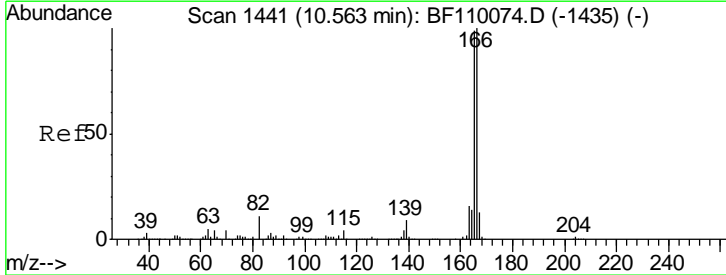
Instrument :  
 BNA\_F  
 ClientSampled :  
 DFTPP

Tgt Ion	Resp	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	22.9	19.7	29.5

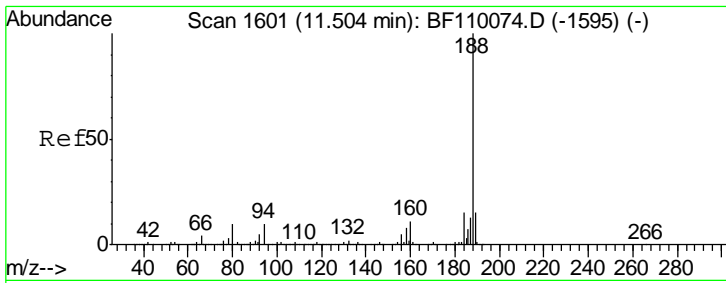


#58  
 Fluorene  
 Concen: 141.845 ng m  
 RT: 10.67 min Scan# 1460  
 Delta R.T. 0.10 min  
 Lab File: BF110219.D  
 Acq: 26 Oct 2018 19:37

Tgt Ion	Resp	Lower	Upper
166	100		
165	125.8	78.6	117.8#
167	54.7	10.8	16.2#



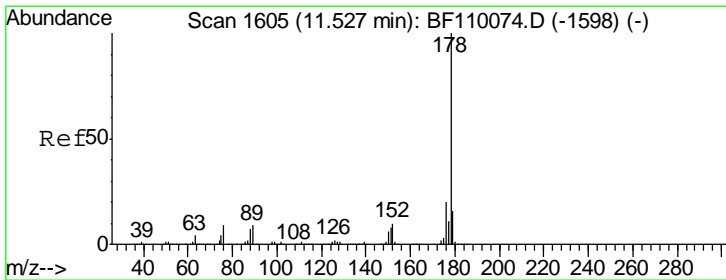
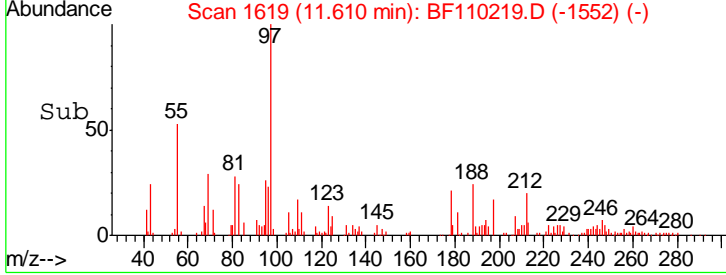
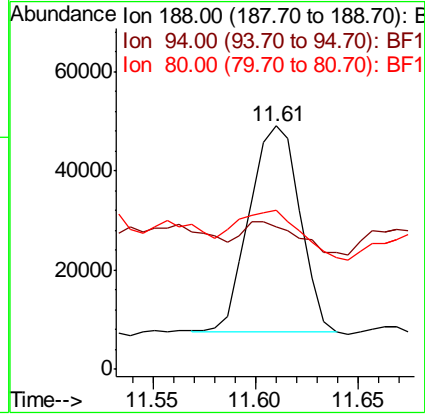
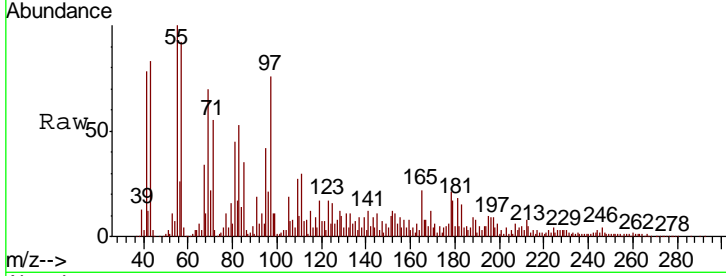




#64  
 Phenanthrene-d10  
 Concen: 20.000 ng m  
 RT: 11.61 min Scan# 1619  
 Delta R.T. 0.09 min  
 Lab File: BF110219.D  
 Acq: 26 Oct 2018 19:37

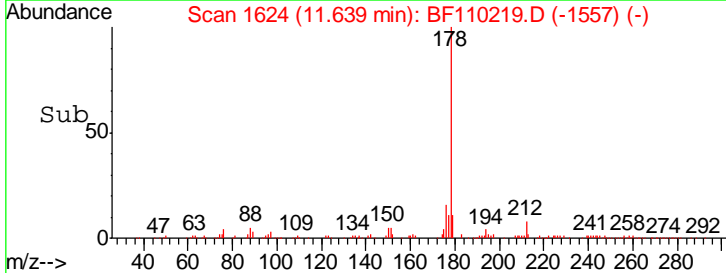
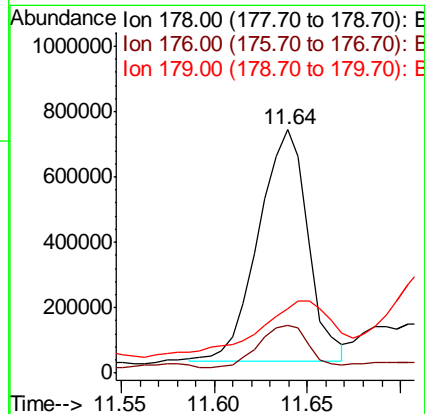
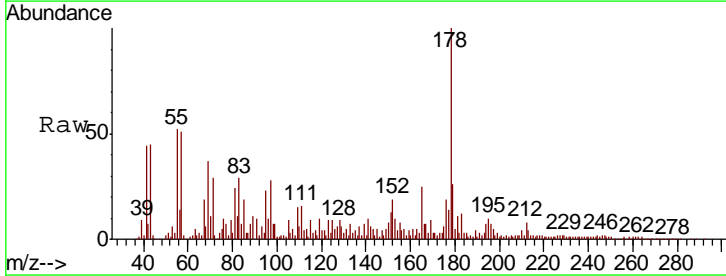
Instrument :  
 BNA\_F  
 ClientSampled :  
 DFTPP

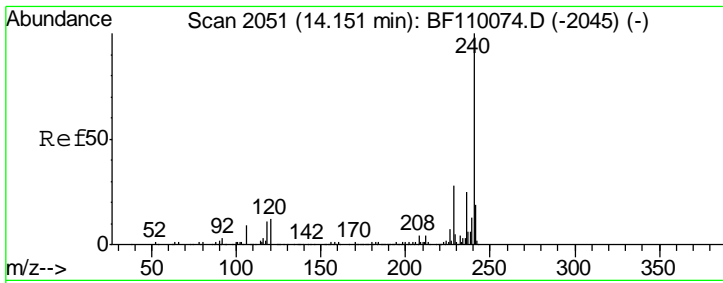
Tgt Ion	Resp	Lower	Upper
188	100		
94	58.4	7.2	10.8#
80	65.2	7.9	11.9#



#71  
 Phenanthrene  
 Concen: 347.640 ng m  
 RT: 11.64 min Scan# 1624  
 Delta R.T. 0.09 min  
 Lab File: BF110219.D  
 Acq: 26 Oct 2018 19:37

Tgt Ion	Resp	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	26.3	12.5	18.7#

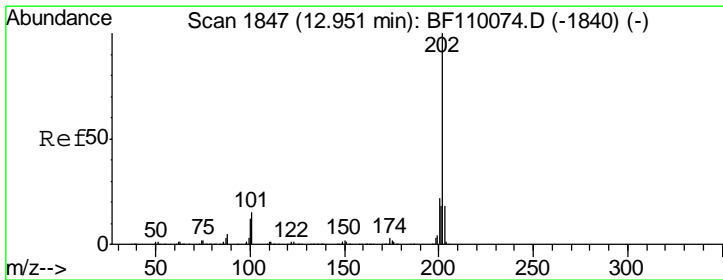
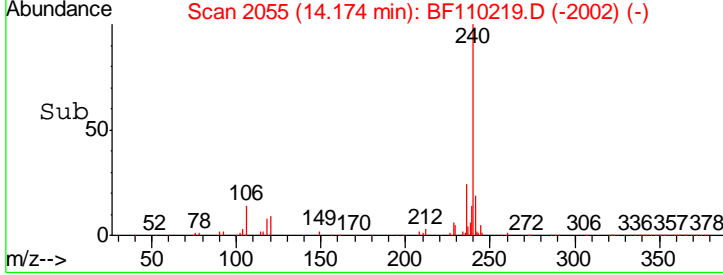
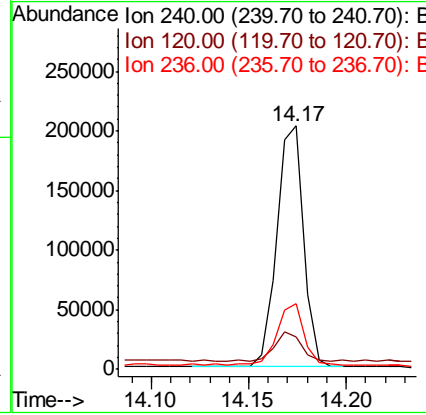
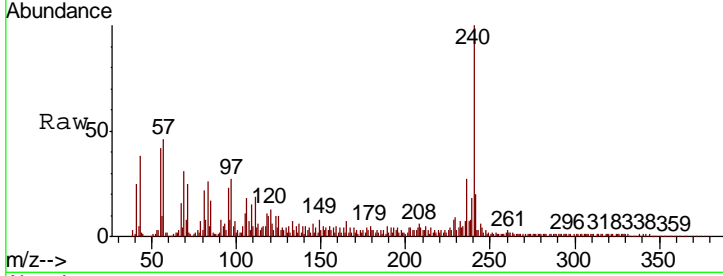




#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.17 min Scan# 2055  
 Delta R.T. 0.01 min  
 Lab File: BF110219.D  
 Acq: 26 Oct 2018 19:37

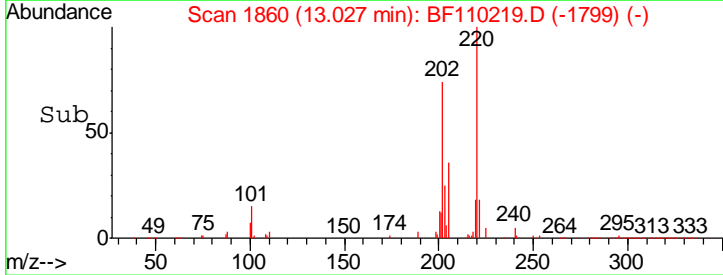
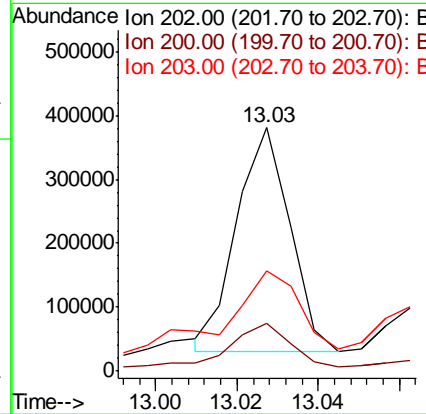
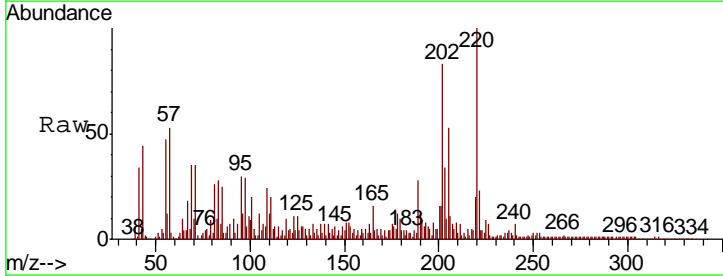
Instrument :  
 BNA\_F  
 ClientSampleId :  
 DFTPP

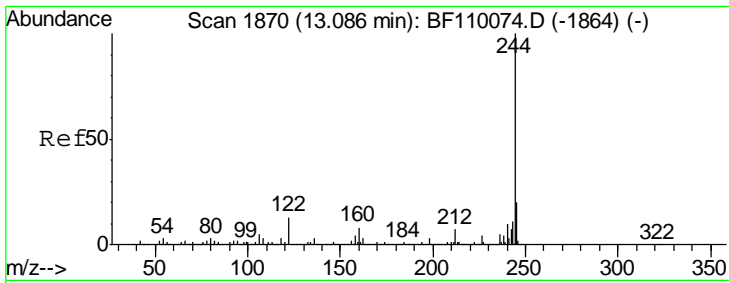
Tgt Ion	Resp	Lower	Upper
240	193087		
120	13.5	8.3	12.5#
236	27.1	21.2	31.8



#78  
 Pyrene  
 Concen: 23.087 ng m  
 RT: 13.03 min Scan# 1860  
 Delta R.T. 0.06 min  
 Lab File: BF110219.D  
 Acq: 26 Oct 2018 19:37

Tgt Ion	Resp	Lower	Upper
202	319588		
200	19.4	17.8	26.6
203	41.3	14.2	21.4#

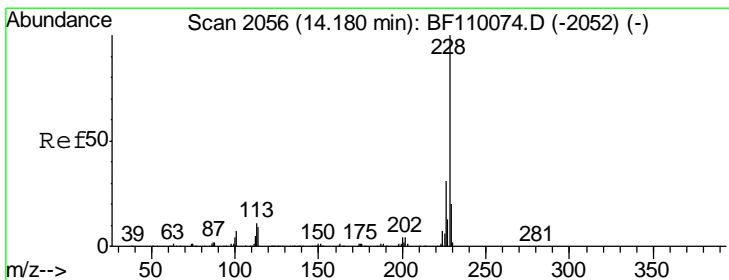
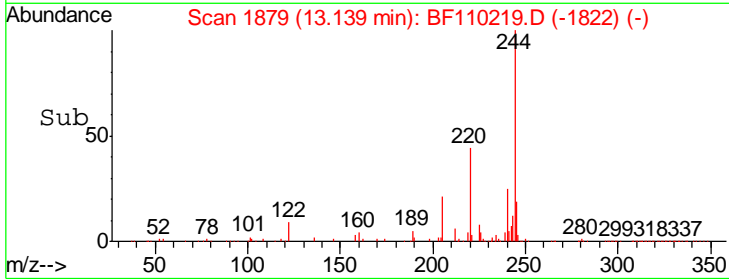
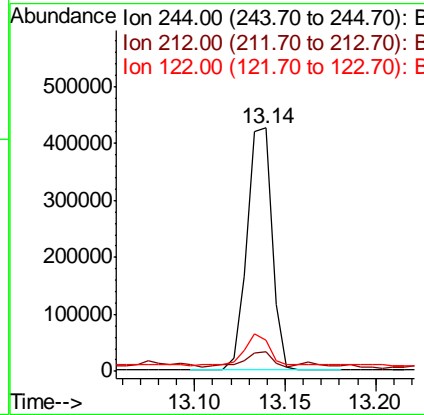
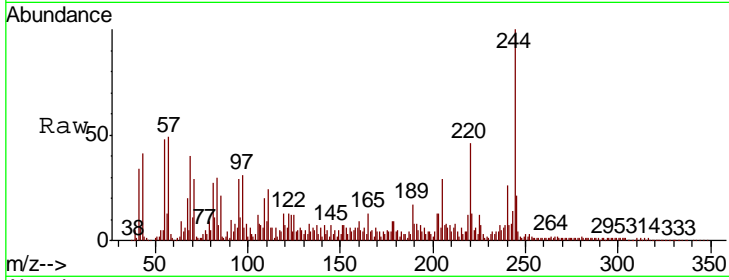




#79  
 Terphenyl-d14  
 Concen: 43.709 ng  
 RT: 13.14 min Scan# 1879  
 Delta R.T. 0.04 min  
 Lab File: BF110219.D  
 Acq: 26 Oct 2018 19:37

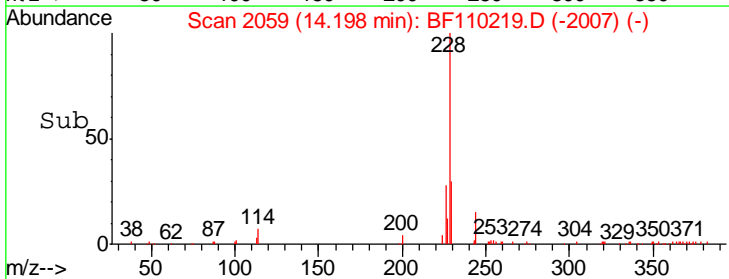
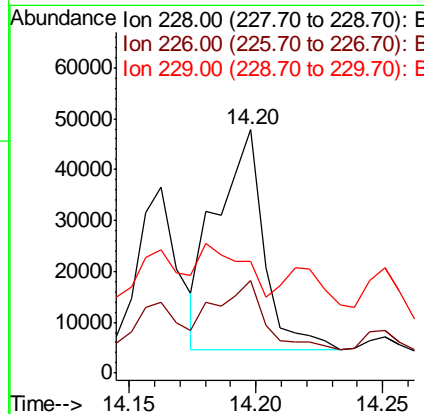
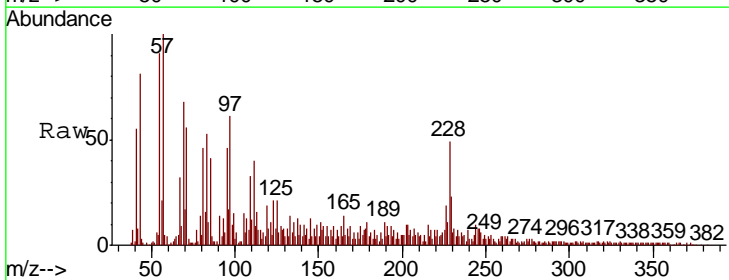
Instrument :  
 BNA\_F  
 ClientSampled :  
 DFTPP

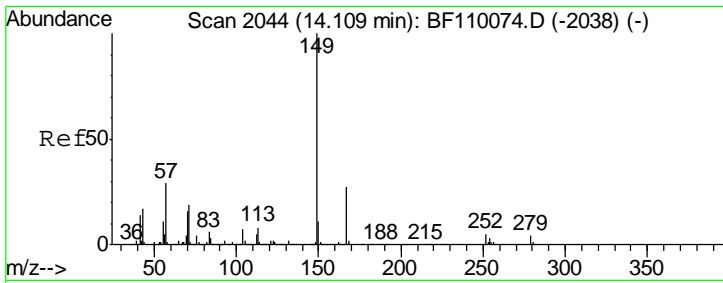
Tgt Ion	Resp	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	12.6	8.7	13.1



#83  
 Chrysene  
 Concen: 5.149 ng  
 RT: 14.20 min Scan# 2059  
 Delta R.T. 0.01 min  
 Lab File: BF110219.D  
 Acq: 26 Oct 2018 19:37

Tgt Ion	Resp	Lower	Upper
228	100		
226	38.1	24.7	37.1#
229	46.0	15.9	23.9#

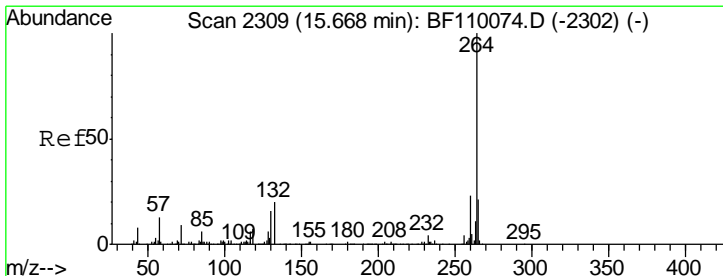
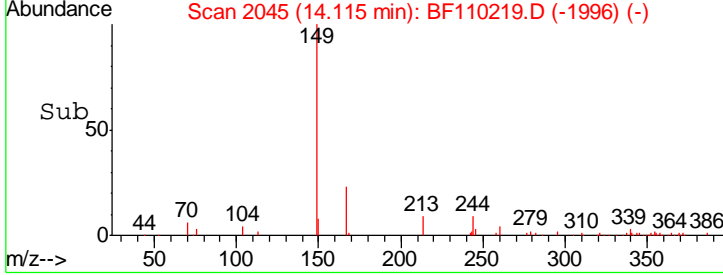
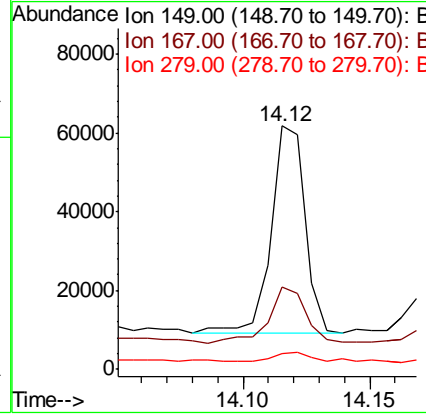
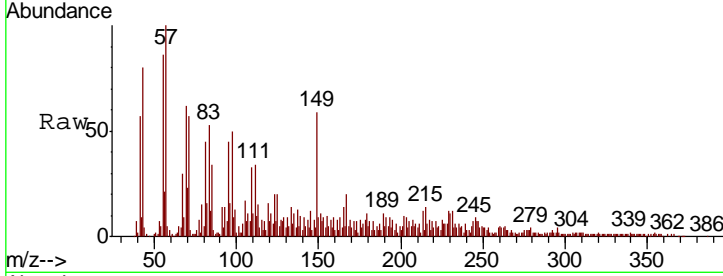




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 6.119 ng  
 RT: 14.12 min Scan# 2045  
 Delta R.T. -0.01 min  
 Lab File: BF110219.D  
 Acq: 26 Oct 2018 19:37

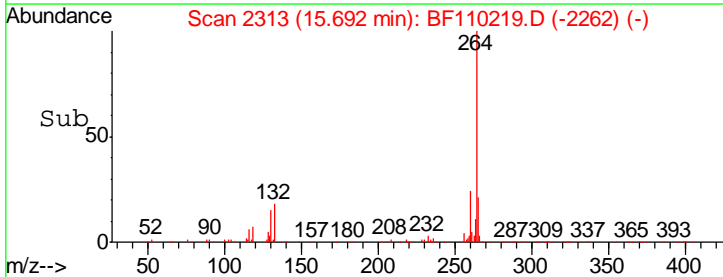
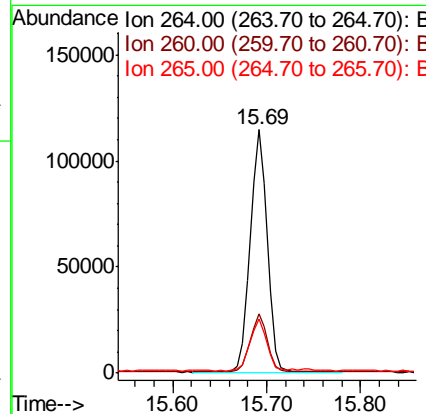
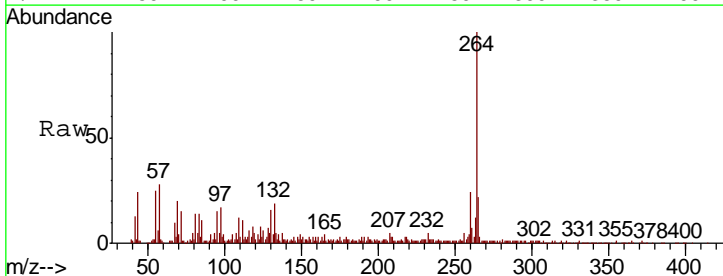
Instrument :  
 BNA\_F  
 ClientSampled :  
 DFTPP

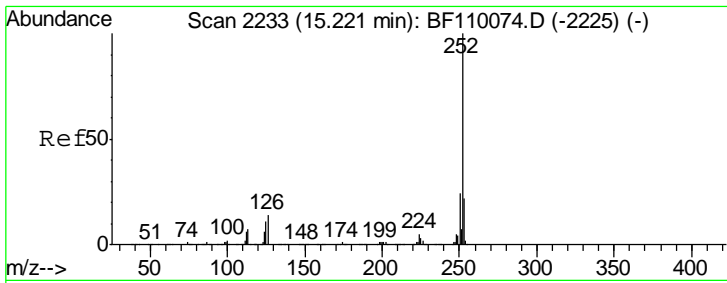
Tgt Ion	Resp	Lower	Upper
149	100		
167	33.6	19.8	29.8#
279	6.5	2.7	4.1#



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.69 min Scan# 2313  
 Delta R.T. -0.00 min  
 Lab File: BF110219.D  
 Acq: 26 Oct 2018 19:37

Tgt Ion	Resp	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	22.2	16.7	25.1





#88  
 Benzo(b)fluoranthene  
 Concen: 3.546 ng m  
 RT: 15.24 min Scan# 2236  
 Delta R.T. 0.01 min  
 Lab File: BF110219.D  
 Acq: 26 Oct 2018 19:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DFTPP

Tgt Ion	Resp	Lower	Upper
252	29623		
253	41.5	17.2	25.8#
125	62.7	8.2	12.4#

