

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098694.D
 Acq On : 22 Sep 2017 12:34
 Operator : SJ/JU
 Sample : I5309-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Sep 22 13:09:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 11:54:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	160889	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	643247	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	273458	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	430093	20.00	ng	0.00
75) Chrysene-d12	14.09	240	335561	20.00	ng	0.00
86) Perylene-d12	15.58	264	349596	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1180345	111.40	ng	0.01
7) Phenol-d6	6.55	99	1424636	111.04	ng	0.00
23) Nitrobenzene-d5	7.49	82	840968	88.68	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	275815	110.29	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1351055	78.62	ng	0.00
78) Terphenyl-d14	13.03	244	1021231	65.35	ng	0.00

Target Compounds

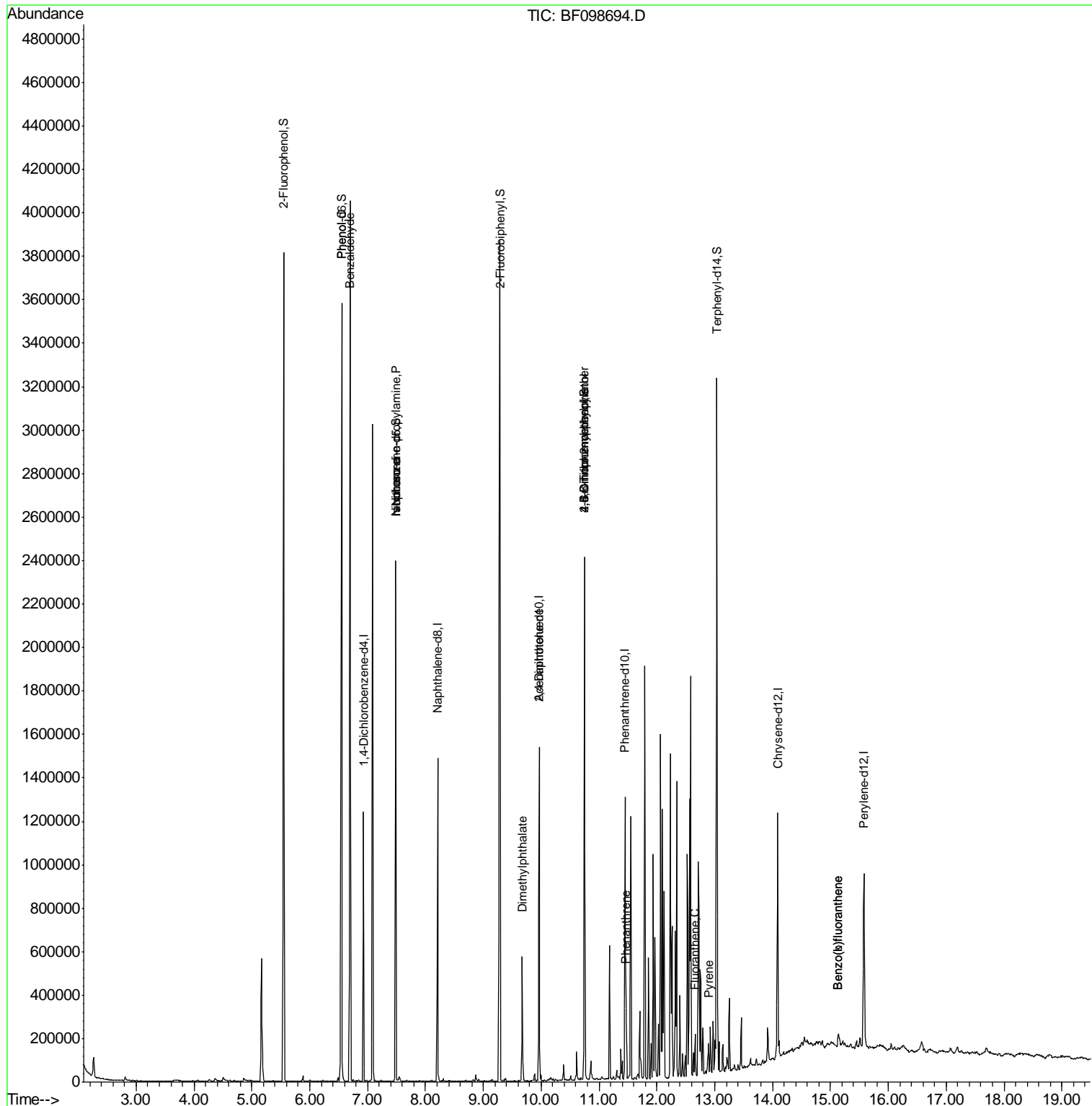
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.70	77	25272	3.512	ng	84
10) Phenol	6.56	94	31755	2.242	ng	# 74
19) n-Nitroso-di-n-propylamine	7.49	70	110596	13.915	ng	# 80
25) Isophorone	7.49	82	839305	40.582	ng	# 64
49) Dimethylphthalate	9.67	163	230212	11.226	ng	99
56) 2,4-Dinitrotoluene	9.96	165	34188	6.289	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.75	198	585	9.171	ng	# 1
66) 4-Bromophenyl-phenylether	10.75	248	16575	3.817	ng	# 1
70) Phenanthrene	11.47	178	59235	2.539	ng	97
74) Fluoranthene	12.66	202	61318	2.637	ng	96
77) Pyrene	12.89	202	49992	2.007	ng	98
87) Benzo(b)fluoranthene	15.13	252	42646	2.103	ng	# 87
88) Benzo(k)fluoranthene	15.13	252	42646	2.105	ng	# 90

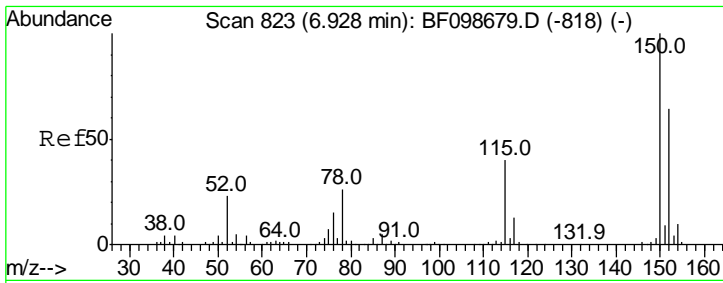
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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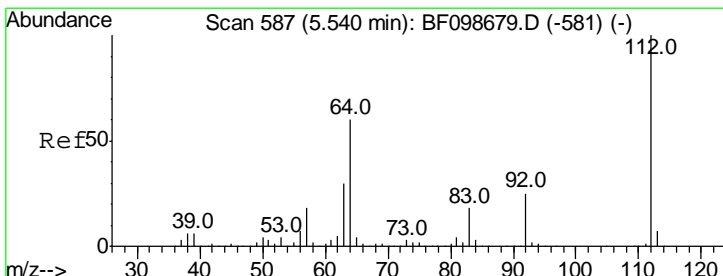
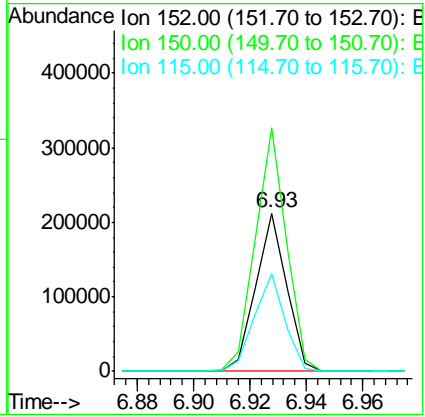
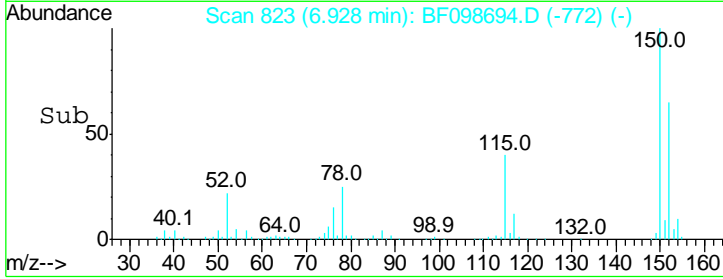
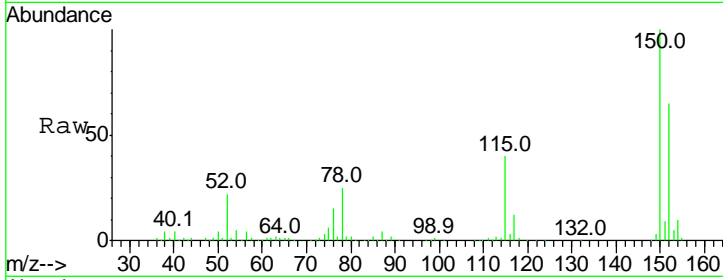


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.93 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF098694.D
 Acq: 22 Sep 2017 12:34

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

Tgt Ion:152 Resp: 160889

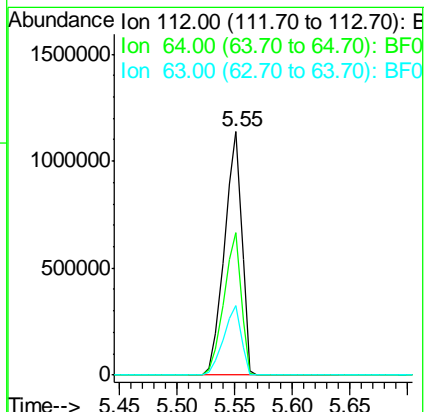
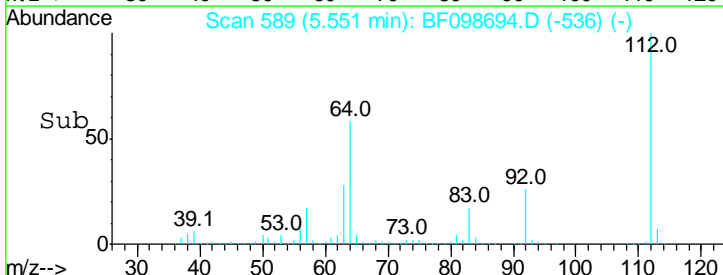
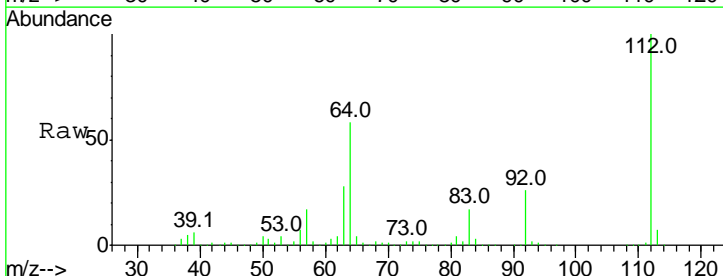
Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.6	186.8
115	61.4	50.1	75.1

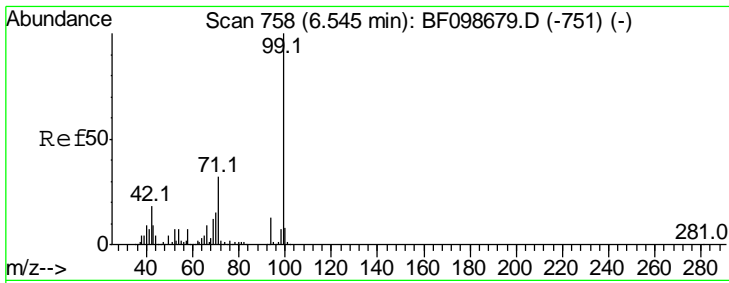


#5
 2-Fluorophenol
 Concen: 111.405 ng
 RT: 5.55 min Scan# 589
 Delta R.T. 0.01 min
 Lab File: BF098694.D
 Acq: 22 Sep 2017 12:34

Tgt Ion:112 Resp: 1180345

Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.9	71.9
63	28.4	23.7	35.5

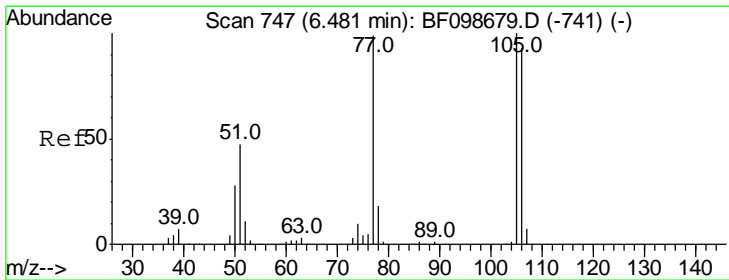
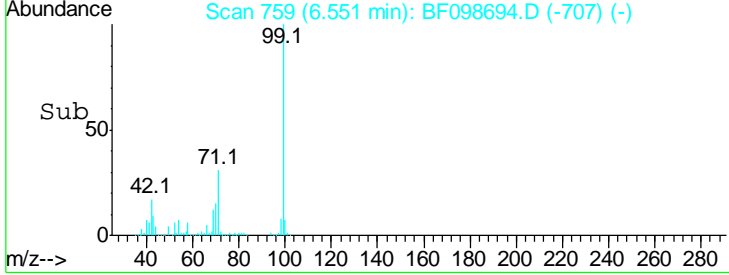
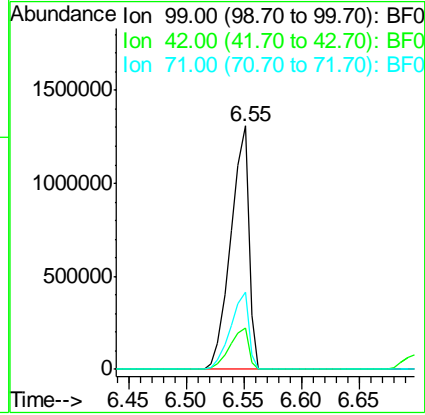
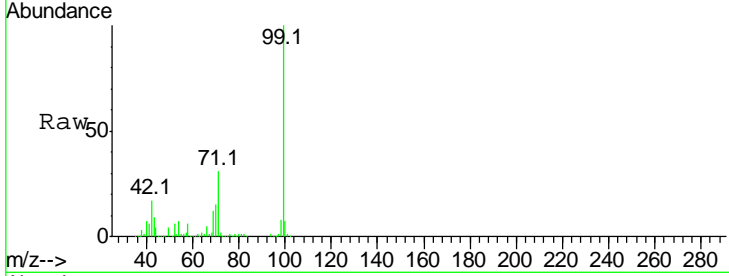




#7
 Phenol-d6
 Concen: 111.039 ng
 RT: 6.55 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF098694.D
 Acq: 22 Sep 2017 12:34

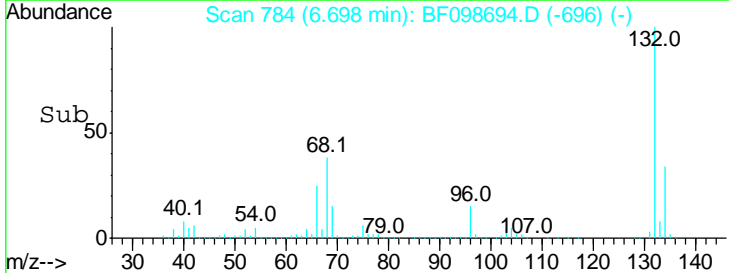
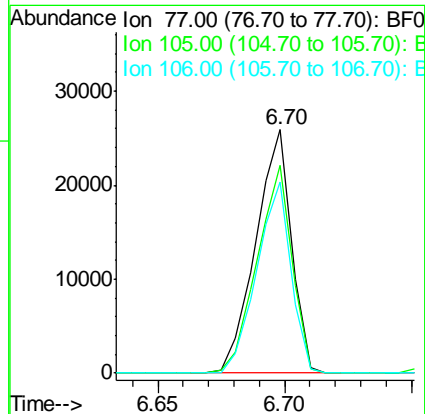
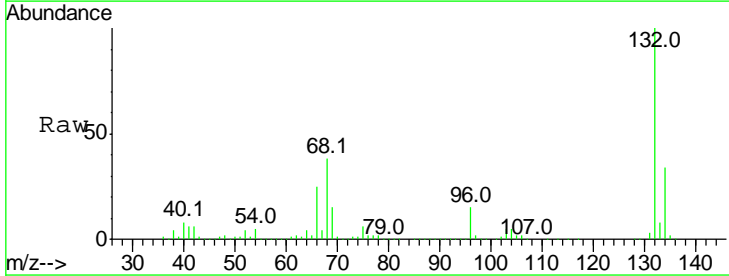
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-4-COMP

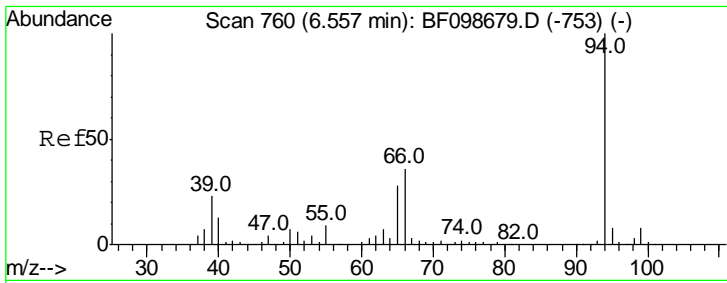
Tgt Ion	Resp	Lower	Upper
99	1424636		
Ion Ratio			
99	100		
42	17.2	14.5	21.7
71	31.5	25.4	38.0



#9
 Benzaldehyde
 Concen: 3.512 ng
 RT: 6.70 min Scan# 784
 Delta R.T. 0.22 min
 Lab File: BF098694.D
 Acq: 22 Sep 2017 12:34

Tgt Ion	Resp	Lower	Upper
77	25272		
Ion Ratio			
77	100		
105	85.3	81.1	121.1
106	78.5	74.5	114.5

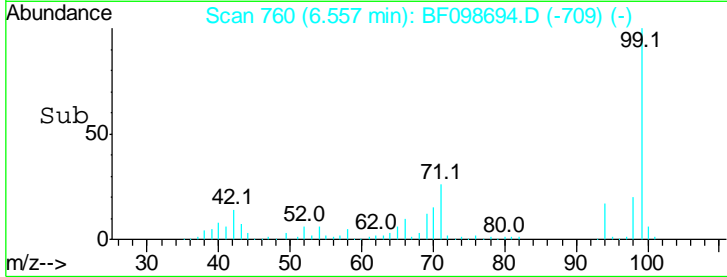
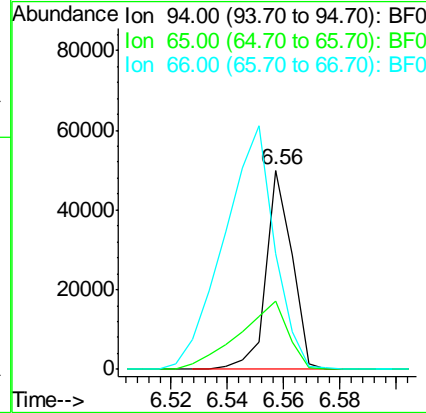
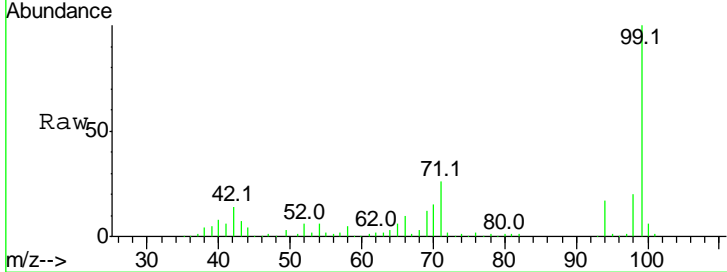




#10
 Phenol
 Concen: 2.242 ng
 RT: 6.56 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BF098694.D
 Acq: 22 Sep 2017 12:34

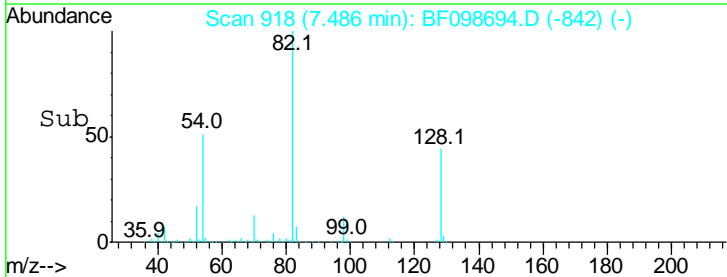
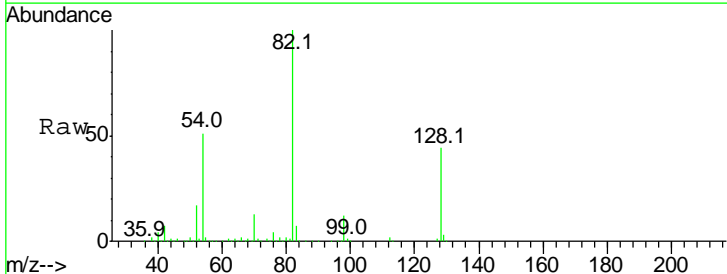
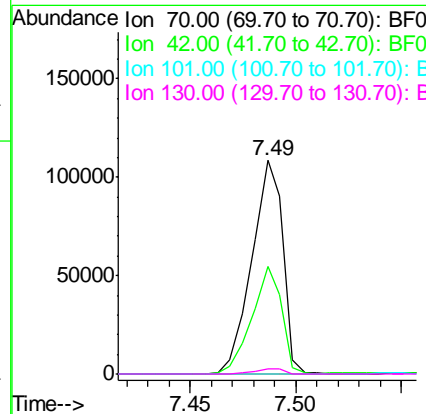
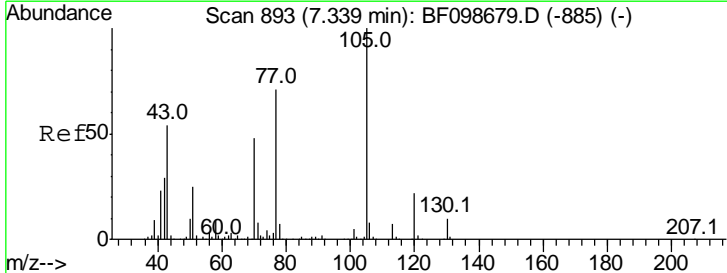
Instrument :
 BNA_F
 ClientSampled :
 TP-1-4-COMP

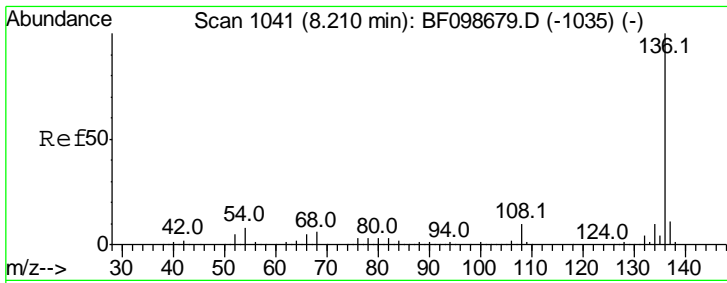
Tgt Ion	Resp	Lower	Upper
94	31755		
65	34.0	7.9	47.9
66	58.1	16.2	56.2#



#19
 n-Nitroso-di-n-propylamine
 Concen: 13.915 ng
 RT: 7.49 min Scan# 918
 Delta R.T. 0.15 min
 Lab File: BF098694.D
 Acq: 22 Sep 2017 12:34

Tgt Ion	Resp	Lower	Upper
70	110596		
42	50.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

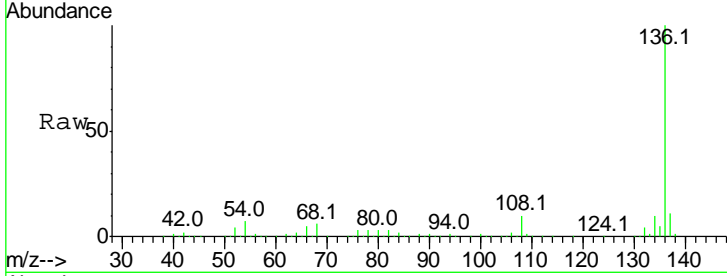




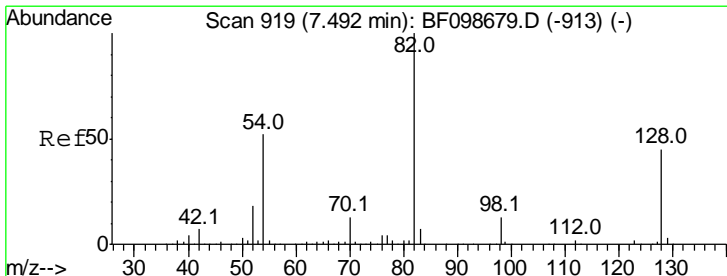
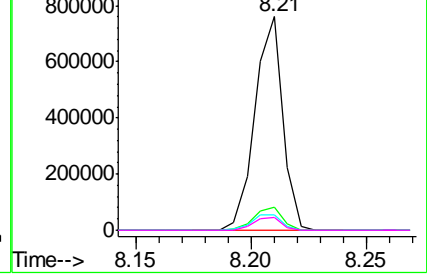
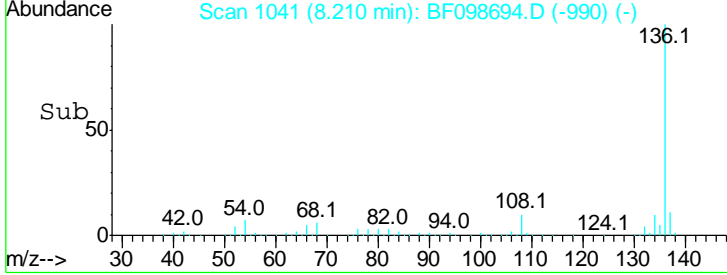
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.21 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF098694.D
 Acq: 22 Sep 2017 12:34

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

Tgt Ion	Resp	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.4	6.6	9.8
68	5.8	5.0	7.4

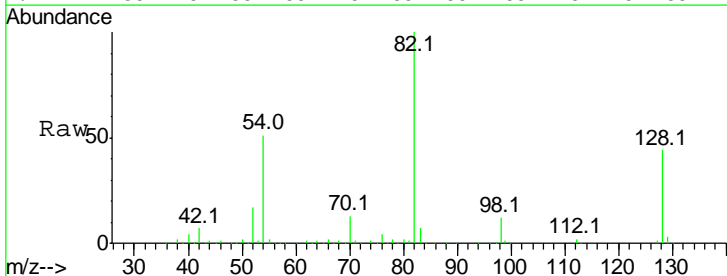


Abundance Ion 136.00 (135.70 to 136.70): E
 Ion 137.00 (136.70 to 137.70): E
 Ion 54.00 (53.70 to 54.70): BF0
 Ion 68.00 (67.70 to 68.70): BF0

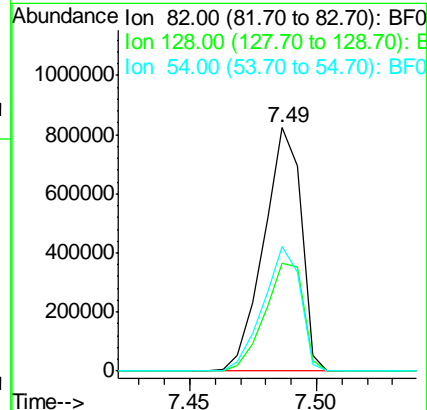
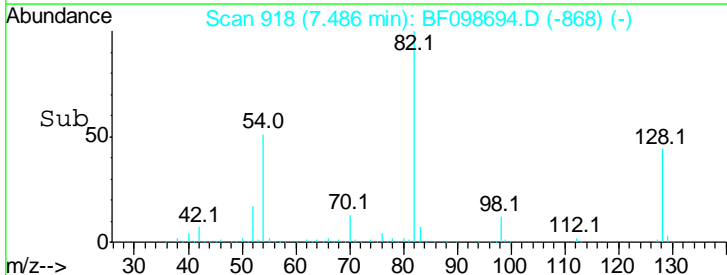


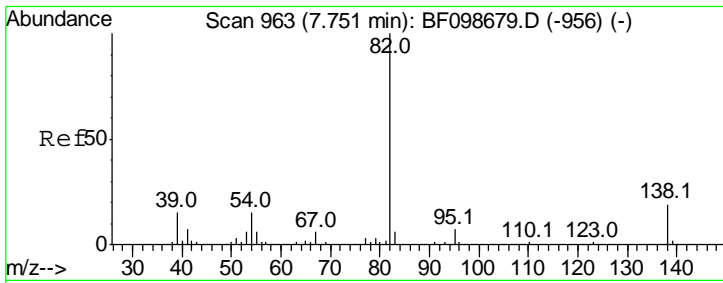
#23
 Nitrobenzene-d5
 Concen: 88.680 ng
 RT: 7.49 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: BF098694.D
 Acq: 22 Sep 2017 12:34

Tgt Ion	Resp	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	51.2	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

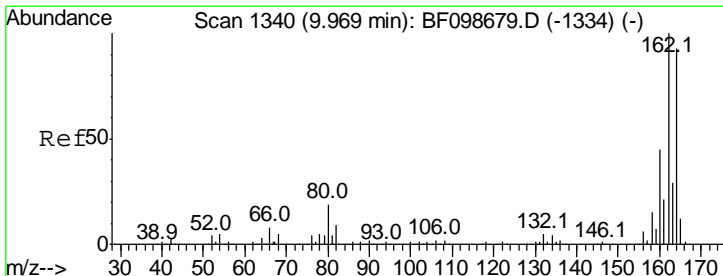
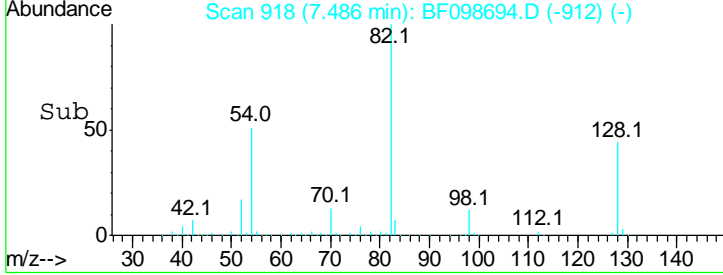
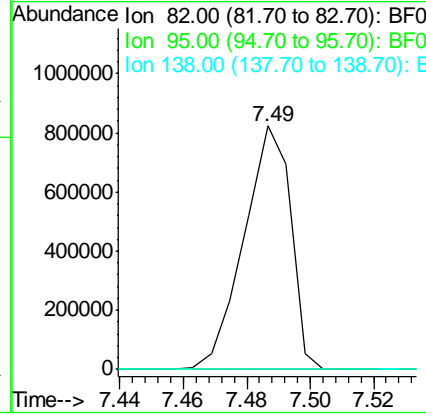
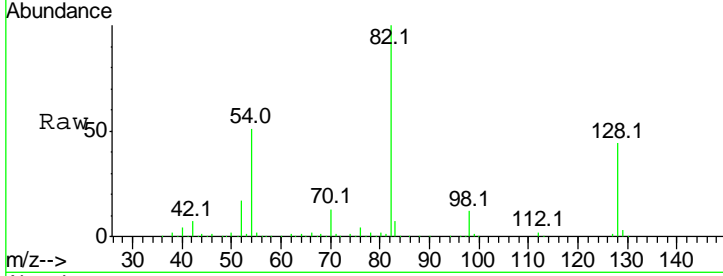




#25
 Isophorone
 Concen: 40.582 ng
 RT: 7.49 min Scan# 918
 Delta R.T. -0.26 min
 Lab File: BF098694.D
 Acq: 22 Sep 2017 12:34

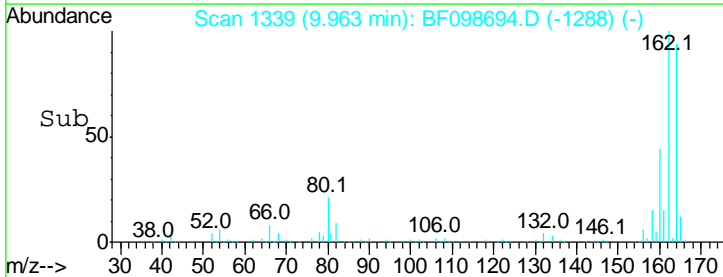
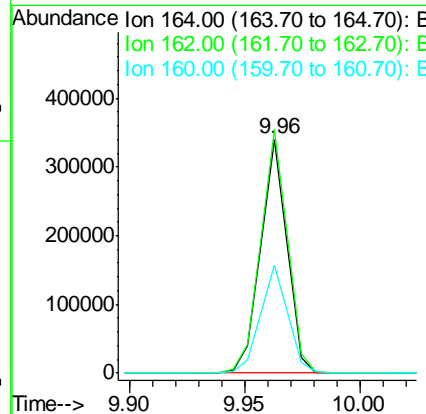
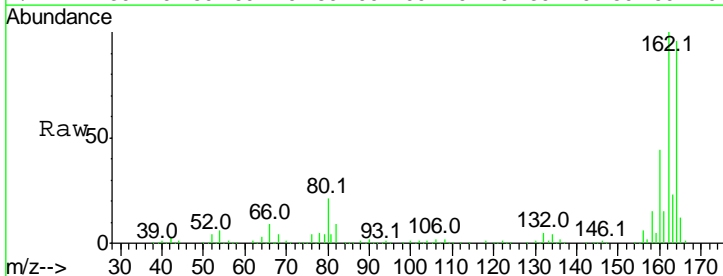
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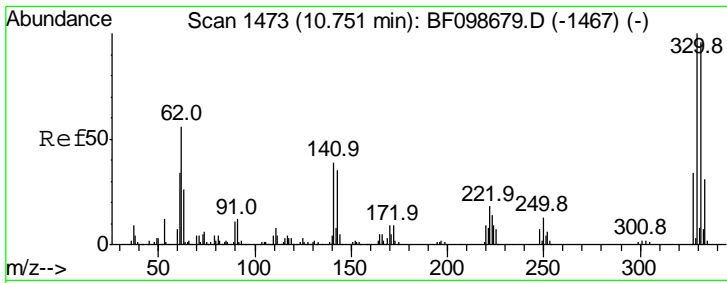
Tgt Ion	Resp	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF098694.D
 Acq: 22 Sep 2017 12:34

Tgt Ion	Resp	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	46.1	38.3	57.5

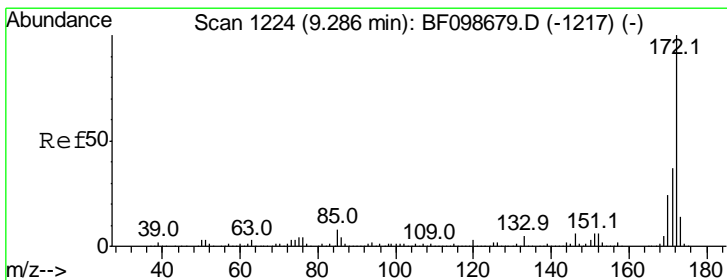
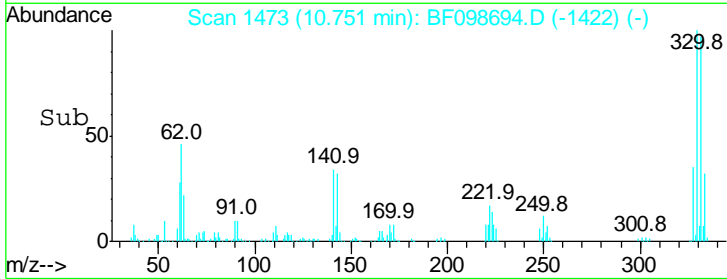
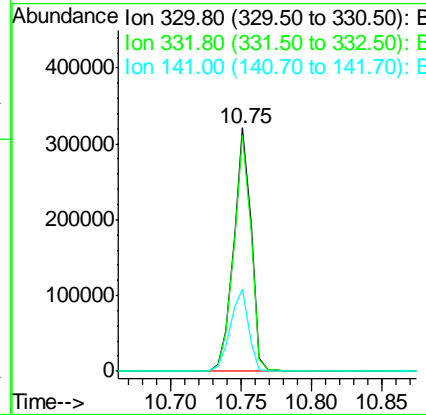
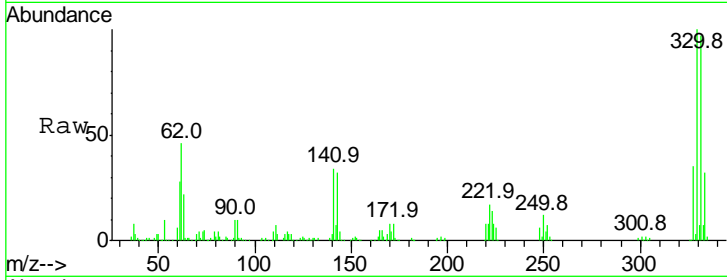




#41
 2,4,6-Tribromophenol
 Concen: 110.289 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. 0.00 min
 Lab File: BF098694.D
 Acq: 22 Sep 2017 12:34

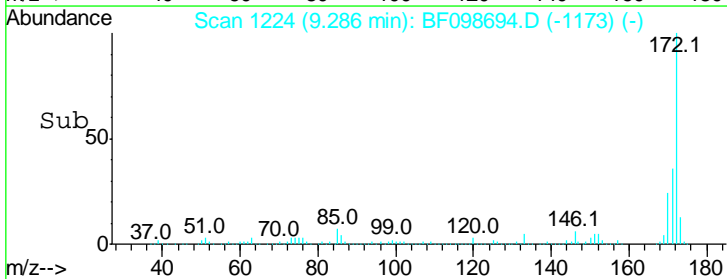
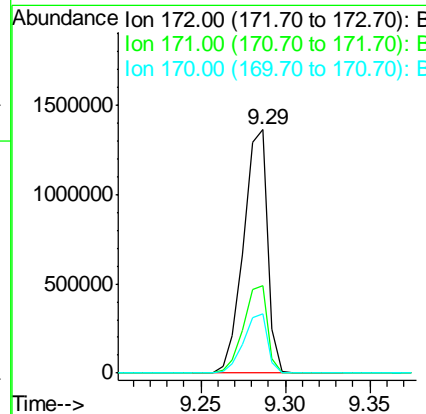
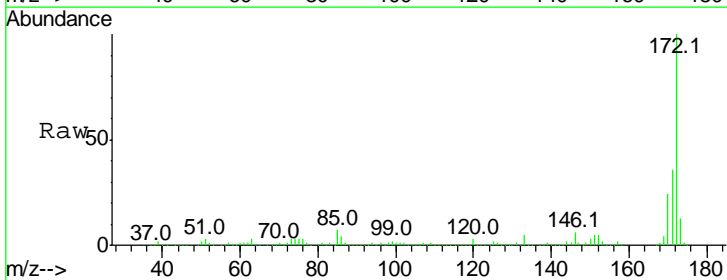
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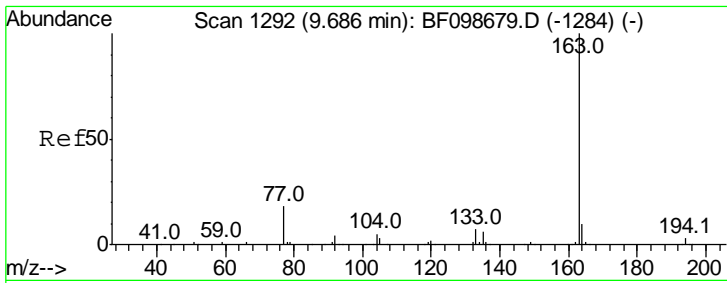
Tgt Ion	Resp	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	35.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 78.619 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF098694.D
 Acq: 22 Sep 2017 12:34

Tgt Ion	Resp	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.1	19.6	29.4



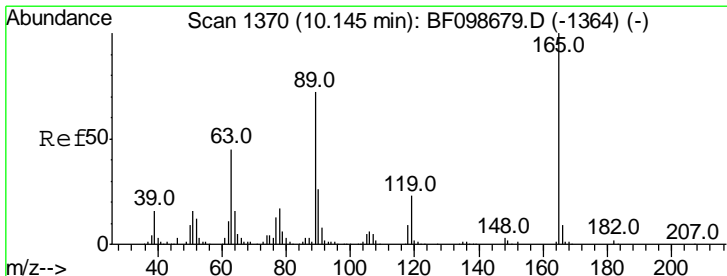
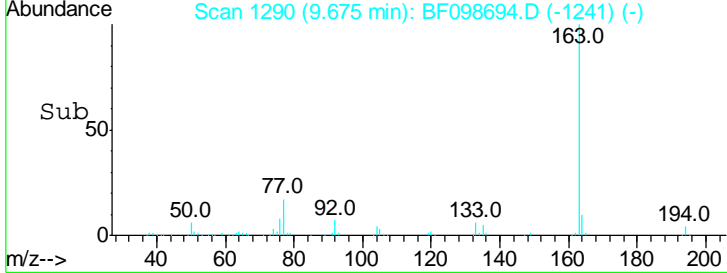
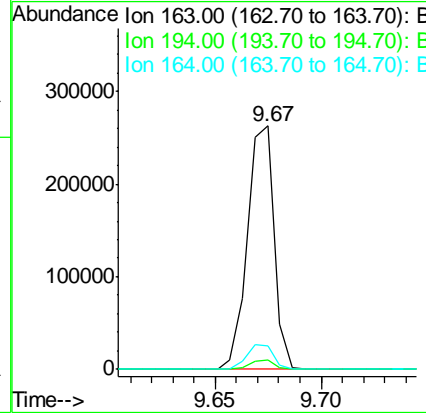
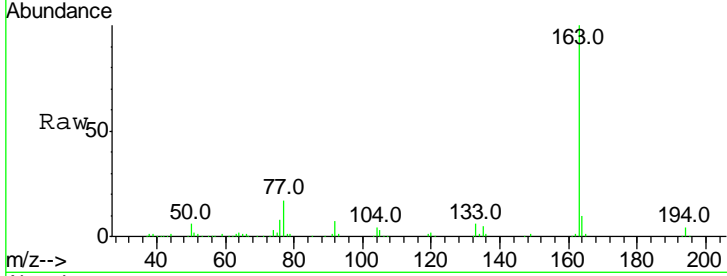


#49
 Dimethylphthalate
 Concen: 11.226 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF098694.D
 Acq: 22 Sep 2017 12:34

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:163 Resp: 230212

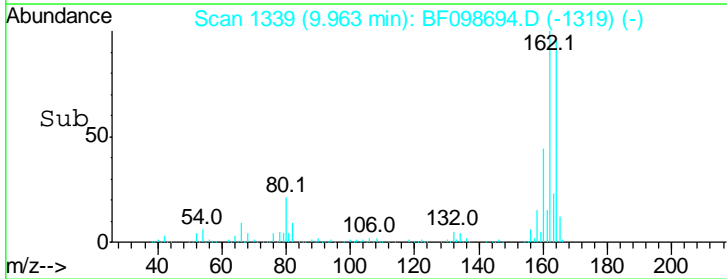
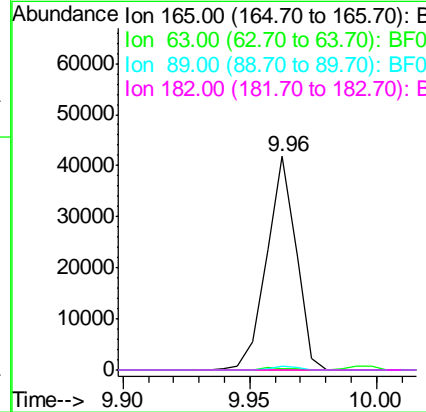
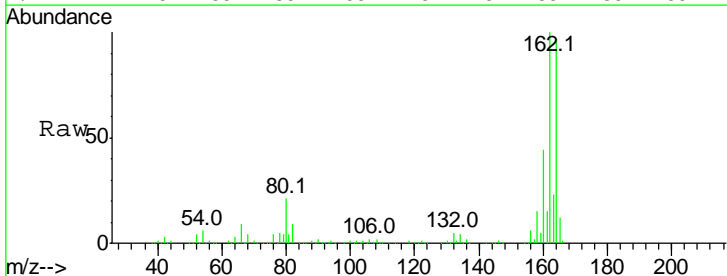
Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.9	8.2	12.2

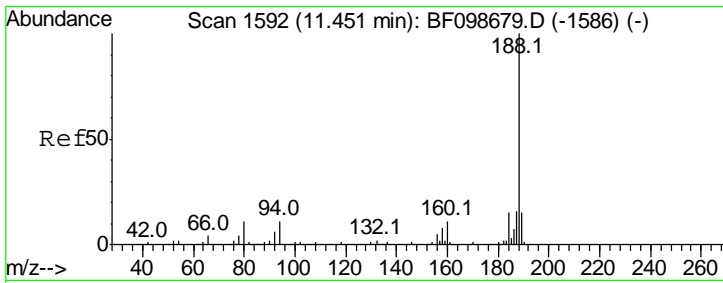


#56
 2,4-Dinitrotoluene
 Concen: 6.289 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.18 min
 Lab File: BF098694.D
 Acq: 22 Sep 2017 12:34

Tgt Ion:165 Resp: 34188

Ion	Ratio	Lower	Upper
165	100		
63	0.8	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#

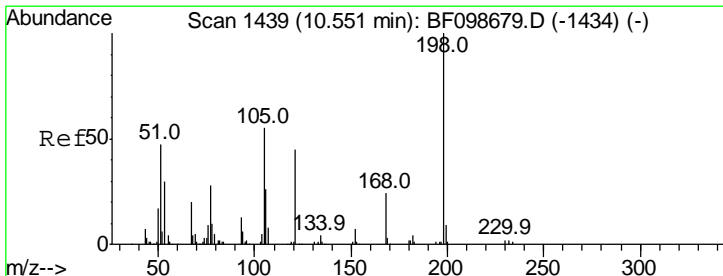
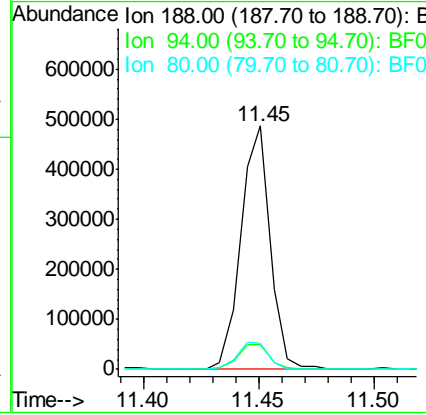
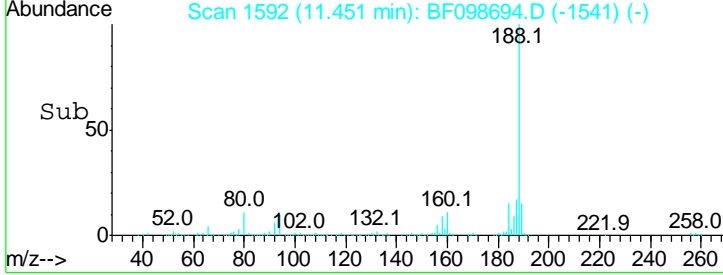
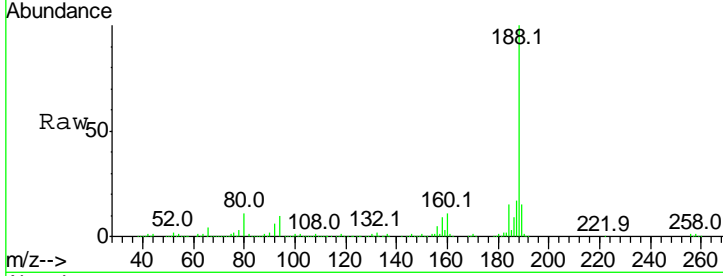




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF098694.D
 Acq: 22 Sep 2017 12:34

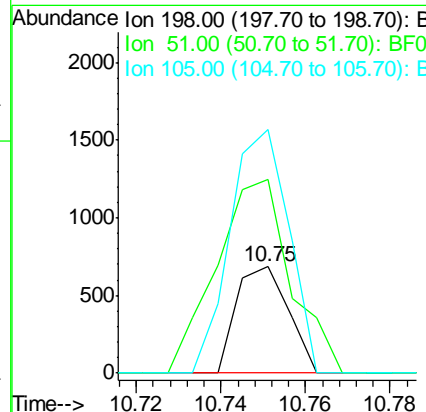
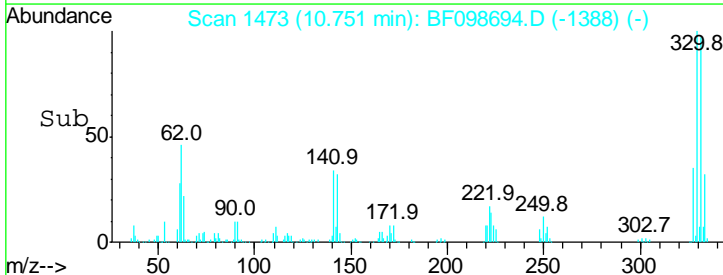
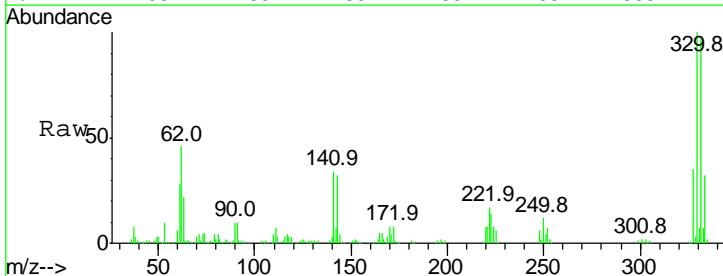
Instrument :
 BNA_F
 ClientSampled :
 TP-1-4-COMP

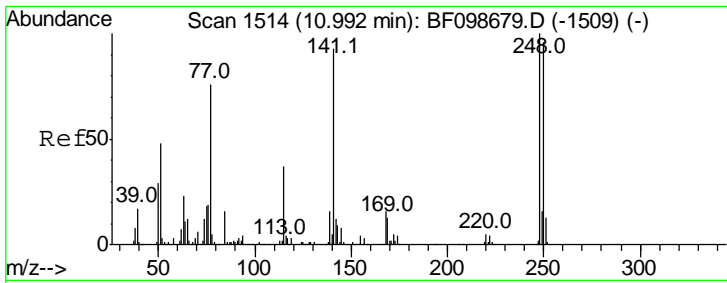
Tgt Ion	Resp	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.9	9.2	13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.171 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. 0.20 min
 Lab File: BF098694.D
 Acq: 22 Sep 2017 12:34

Tgt Ion	Resp	Lower	Upper
198	100		
51	182.5	37.7	77.7#
105	229.2	36.3	76.3#

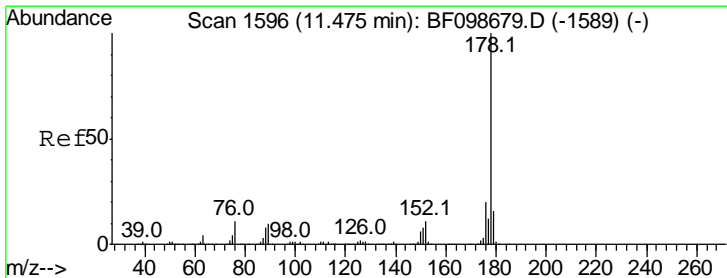
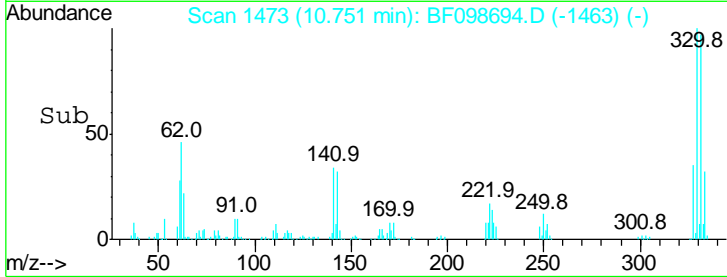
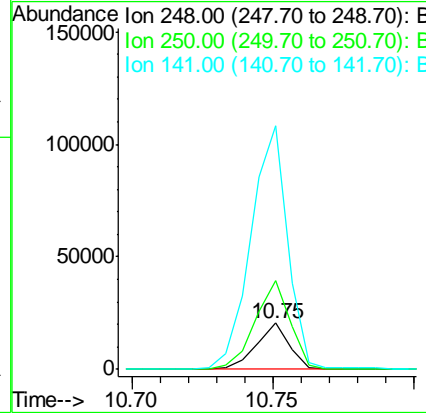
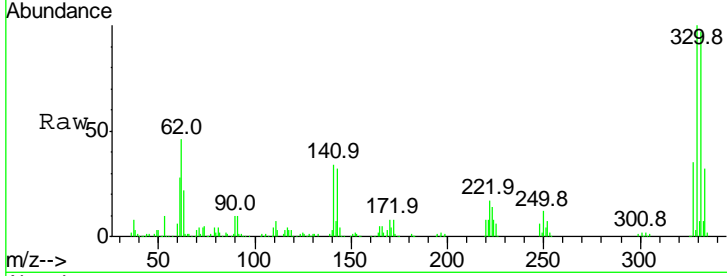




#66
 4-Bromophenyl-phenylether
 Concen: 3.817 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.24 min
 Lab File: BF098694.D
 Acq: 22 Sep 2017 12:34

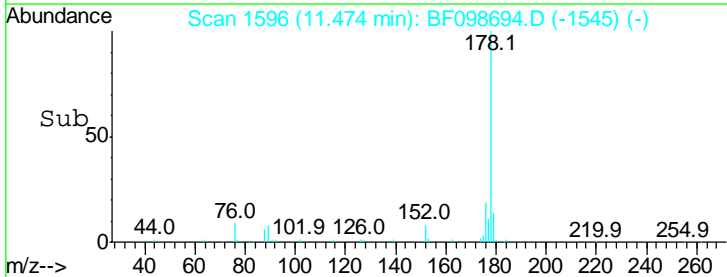
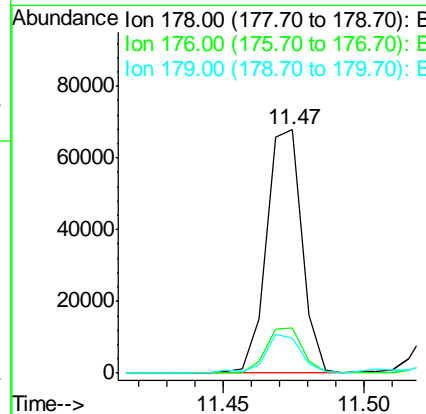
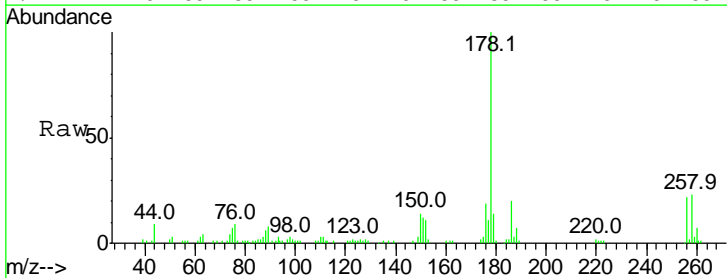
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-4-COMP

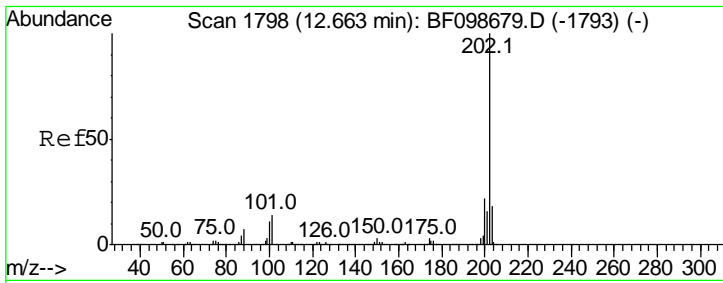
Tgt Ion	Resp	Lower	Upper
248	16575		
248	100		
250	194.9	76.9	115.3#
141	530.9	74.4	111.6#



#70
 Phenanthrene
 Concen: 2.539 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF098694.D
 Acq: 22 Sep 2017 12:34

Tgt Ion	Resp	Lower	Upper
178	59235		
178	100		
176	18.7	15.8	23.8
179	14.3	13.0	19.6

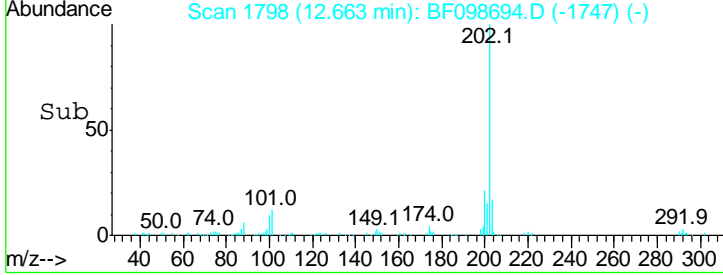
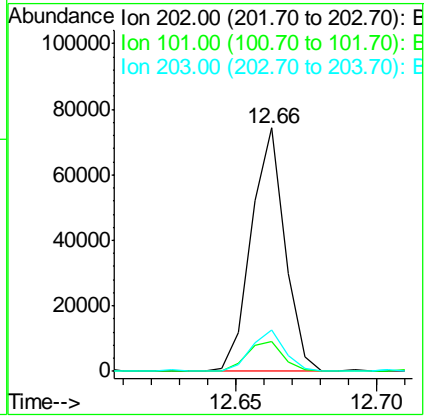
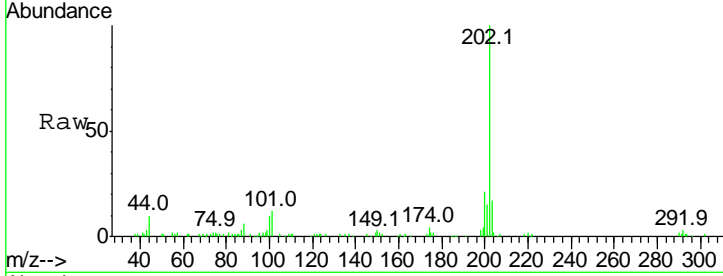




#74
 Fluoranthene
 Concen: 2.637 ng
 RT: 12.66 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: BF098694.D
 Acq: 22 Sep 2017 12:34

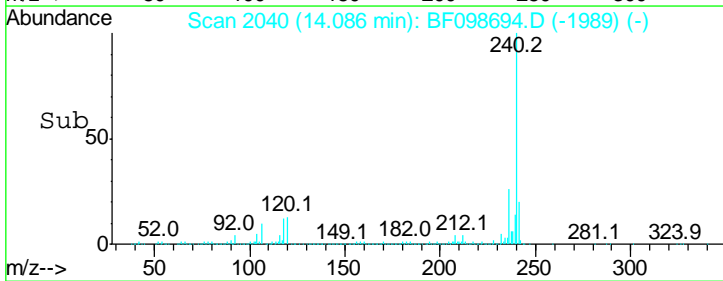
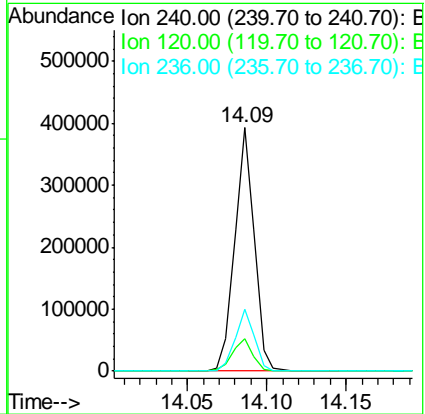
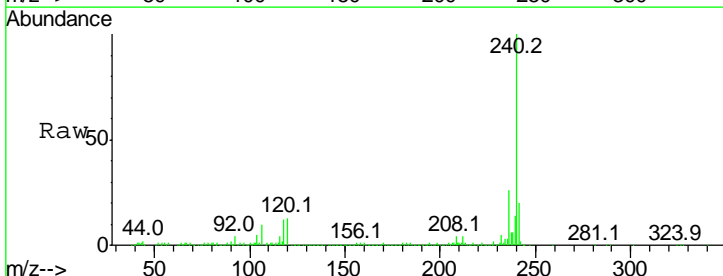
Instrument :
 BNA_F
 ClientSampled :
 TP-1-4-COMP

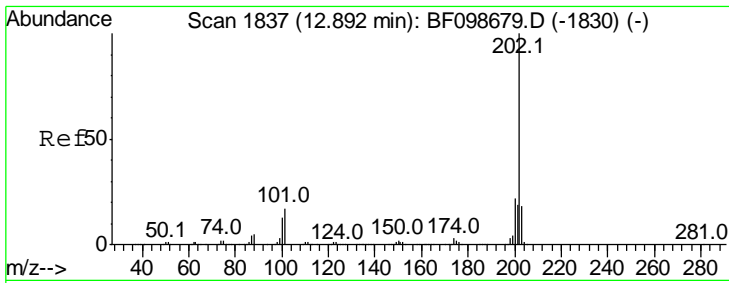
Tgt Ion	Resp	Lower	Upper
202	61318		
101	12.2	0.0	34.1
203	17.0	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BF098694.D
 Acq: 22 Sep 2017 12:34

Tgt Ion	Resp	Lower	Upper
240	335561		
120	13.5	9.5	14.3
236	25.6	20.7	31.1

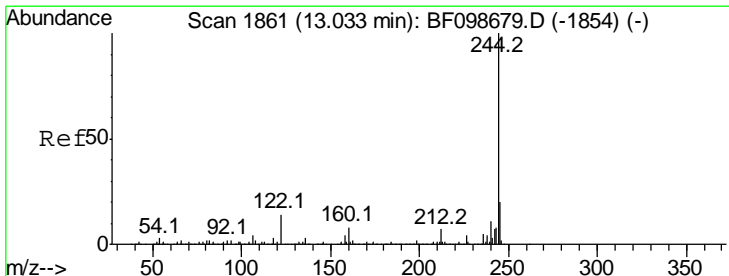
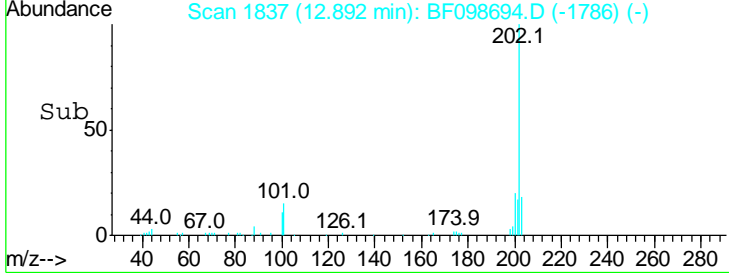
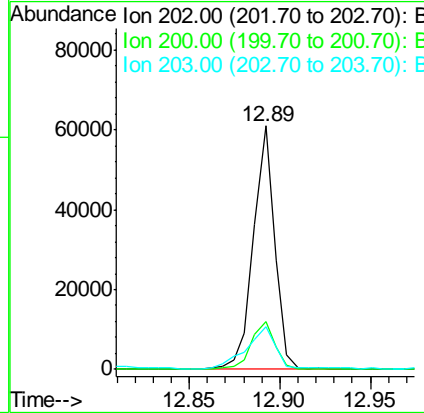
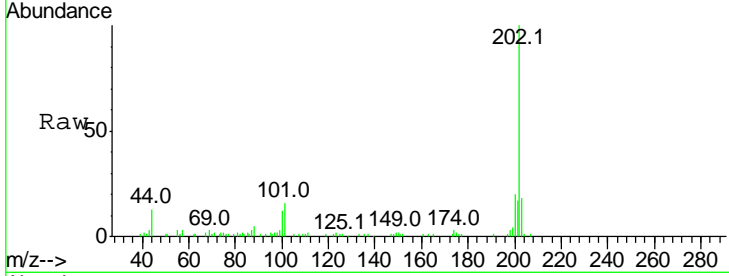




#77
 Pyrene
 Concen: 2.007 ng
 RT: 12.89 min Scan# 1837
 Delta R.T. 0.00 min
 Lab File: BF098694.D
 Acq: 22 Sep 2017 12:34

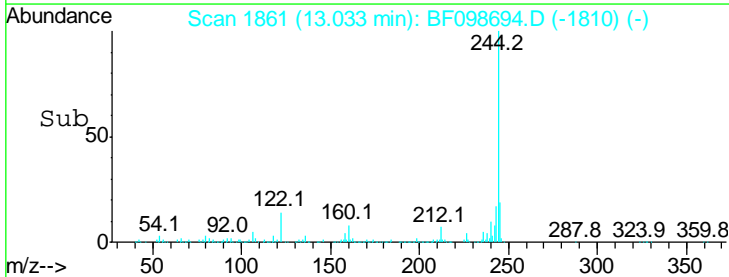
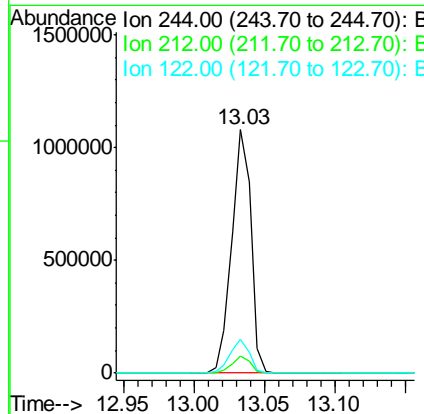
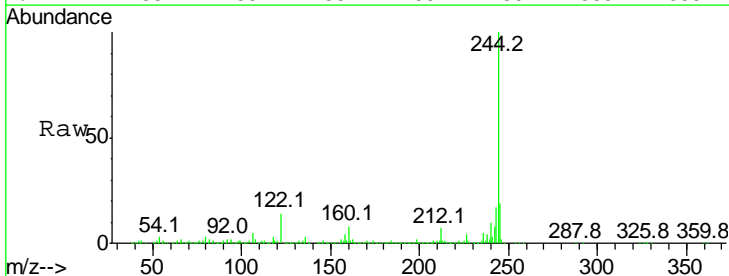
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-4-COMP

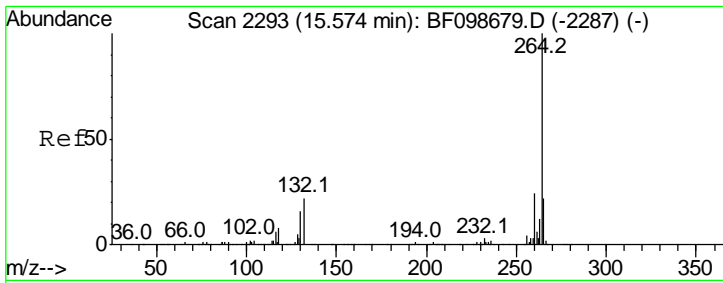
Tgt Ion	Resp	Lower	Upper
202	49992		
200	19.8	17.4	26.2
203	17.7	14.3	21.5



#78
 Terphenyl-d14
 Concen: 65.348 ng
 RT: 13.03 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: BF098694.D
 Acq: 22 Sep 2017 12:34

Tgt Ion	Resp	Lower	Upper
244	1021231		
212	7.0	5.4	8.0
122	14.1	11.0	16.4

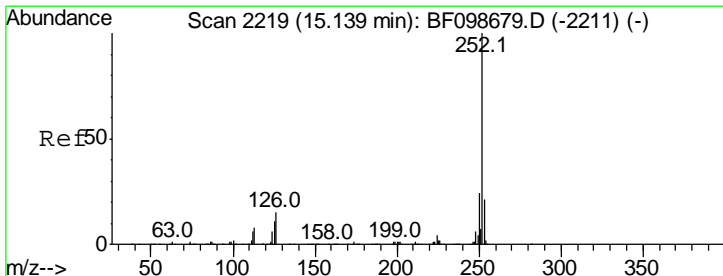
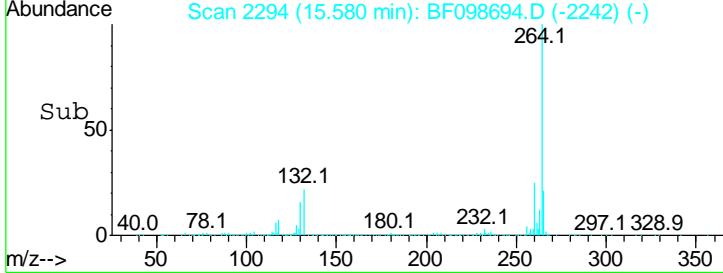
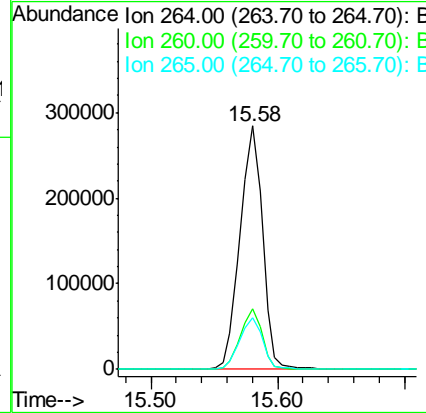
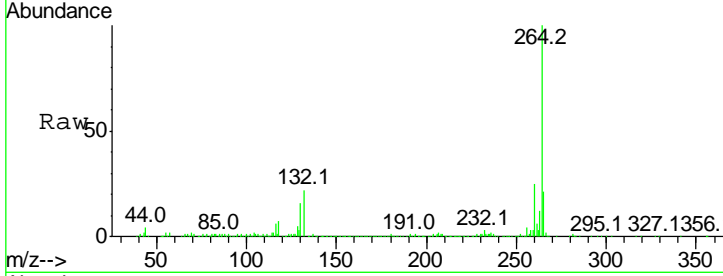




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.58 min Scan# 2294
 Delta R.T. 0.01 min
 Lab File: BF098694.D
 Acq: 22 Sep 2017 12:34

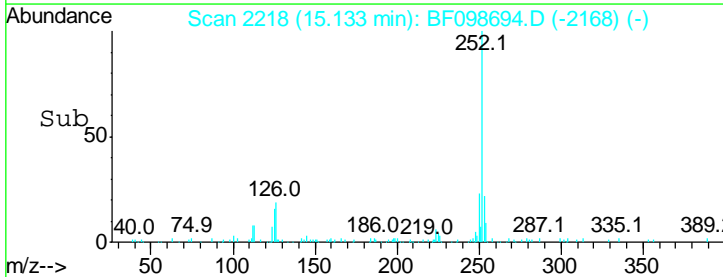
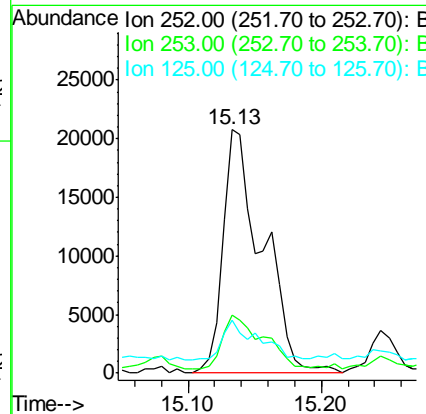
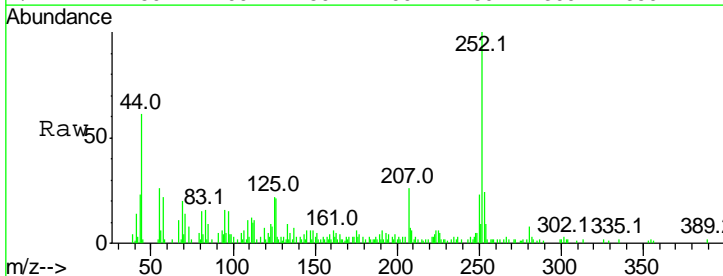
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-4-COMP

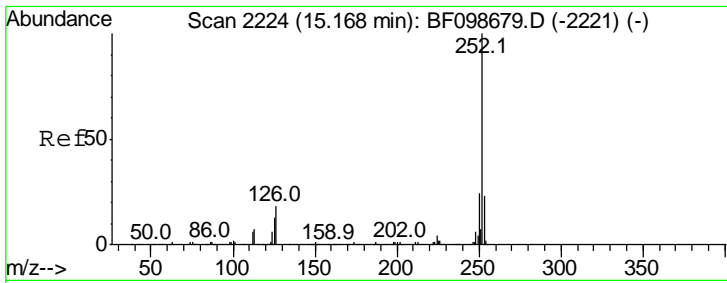
Tgt Ion	Resp	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	21.4	17.5	26.3



#87
 Benzo(b)fluoranthene
 Concen: 2.103 ng
 RT: 15.13 min Scan# 2218
 Delta R.T. -0.01 min
 Lab File: BF098694.D
 Acq: 22 Sep 2017 12:34

Tgt Ion	Resp	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	21.6	9.0	13.6#





#88
 Benzo(k)fluoranthene
 Concen: 2.105 ng
 RT: 15.13 min Scan# 2218
 Delta R.T. -0.04 min
 Lab File: BF098694.D
 Acq: 22 Sep 2017 12:34

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

Tot Ion: 252 Resp: 42646

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	21.6	10.2	15.2

