

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
 Data File : BF116939.D
 Acq On : 10 Sep 2019 23:21
 Operator : HP/JU
 Sample : K4689-01DL 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 11 01:03:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 17:49:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	78892	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	607753	20.00	ng	0.02
39) Acenaphthene-d10	9.89	164	167542	20.00	ng	0.02
64) Phenanthrene-d10	11.36	188	262692	20.00	ng	0.01
76) Chrysene-d12	13.99	240	157157	20.00	ng	0.00
87) Perylene-d12	15.44	264	184247	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	11500	2.36	ng	-0.02
7) Phenol-d6	6.51	99	122062	19.09	ng	0.04
23) Nitrobenzene-d5	7.41	82	278890	26.20	ng	0.01
42) 2,4,6-Tribromophenol	10.67	330	89499	79.91	ng	0.02
45) 2-Fluorobiphenyl	9.22	172	458606	46.17	ng	0.02
79) Terphenyl-d14	12.93	244	366791	43.18	ng	0.00

Target Compounds				Qvalue		
3) Pyridine	3.35	79	13660	2.099	ng	93
6) Aniline	6.50	93	405431	45.777	ng	98
9) Benzaldehyde	6.40	77	43489	10.323	ng	# 1
10) Phenol	6.53	94	161892	22.864	ng	# 58
11) bis(2-Chloroethyl)ether	6.50	93	405431	73.536	ng	# 29
12) 1,3-Dichlorobenzene	6.86	146	15319	2.550	ng	100
13) 1,4-Dichlorobenzene	6.86	146	15319	2.561	ng	# 1
15) Benzyl Alcohol	7.02	79	50406	9.711	ng	# 1
17) 2-Methylphenol	7.09	107	213289	45.833	ng	# 52
18) Hexachloroethane	7.37	117	56876	24.474	ng	# 1
19) n-Nitroso-di-n-propylamine	7.41	70	36216	8.602	ng	# 88
20) 3+4-Methylphenols	7.30	107	2351346	434.566	ng	# 43
22) Acetophenone	7.29	105	101945	6.967	ng	# 1
24) Nitrobenzene	7.46	77	108187	9.992	ng	# 34
25) Isophorone	7.89	82	82737	3.835	ng	# 1
27) 2,4-Dimethylphenol	7.87	122	3443129	423.520	ng	94
28) bis(2-Chloroethoxy)methane	7.89	93	223002	16.916	ng	# 1
31) Naphthalene	8.22	128	22973601	794.955	ng	# 91
32) Benzoic acid	7.87	122	3474883	756.991	ng	# 16
33) 4-Chloroaniline	8.21	127	3668668	278.882	ng	# 33
36) 4-Chloro-3-methylphenol	8.68	107	566560	63.094	ng	# 23
37) 2-Methylnaphthalene	8.88	142	4128230	214.696	ng	98
38) 1-Methylnaphthalene	8.98	142	2676527	147.456	ng	99
46) 1,1'-Biphenyl	9.32	154	545765	42.929	ng	96
47) 2-Chloronaphthalene	9.33	162	39714	3.944	ng	# 38
48) 2-Nitroaniline	9.42	65	30339	10.422	ng	# 25
49) Acenaphthylene	9.75	152	61101	4.014	ng	# 80
51) 2,6-Dinitrotoluene	9.65	165	6038	2.736	ng	# 1
52) Acenaphthene	9.93	154	495124	52.941	ng	98
54) 2,4-Dinitrophenol	10.05	184	29429	42.375	ng	# 1
55) Dibenzofuran	10.10	168	520139	39.452	ng	98
56) 4-Nitrophenol	10.03	139	61792	32.584	ng	# 36
57) 2,4-Dinitrotoluene	10.05	165	13950	5.170	ng	# 1
58) Fluorene	10.43	166	231808	23.075	ng	# 99

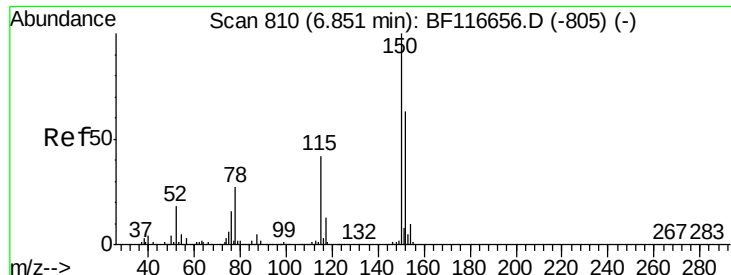
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
Data File : BF116939.D
Acq On : 10 Sep 2019 23:21
Operator : HP/JU
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 17:49:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) Azobenzene	10.57	77	93259	7.719	nq	# 58
65) 4,6-Dinitro-2-methylphenol	10.50	198	8586	14.948	nq	# 64
66) n-Nitrosodiphenylamine	10.29	169	20587	2.265	nq	92
67) 4-Bromophenyl-phenylether	10.67	248	6013	2.253	nq	# 1
71) Phenanthrene	11.39	178	102516	7.011	nq	98
72) Anthracene	11.39	178	102516	6.964	nq	98
73) Carbazole	11.60	167	190670	13.598	nq	98

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

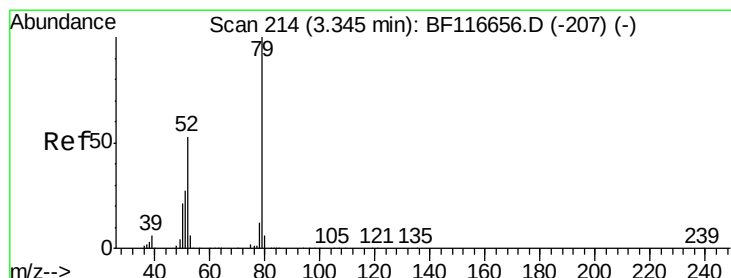
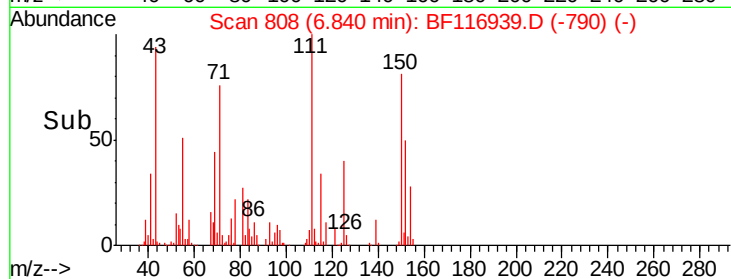
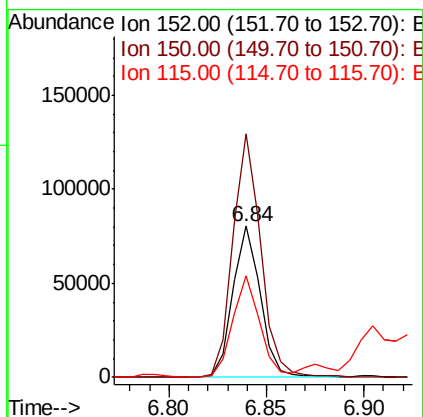
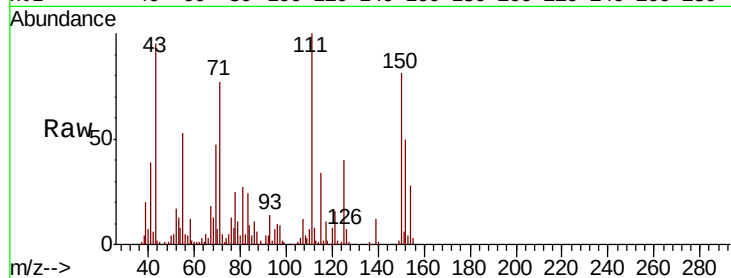


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.01 min
Lab File: BF116939.D
Acq: 10 Sep 2019 23:21

Instrument :
BNA_F
ClientSampleId :

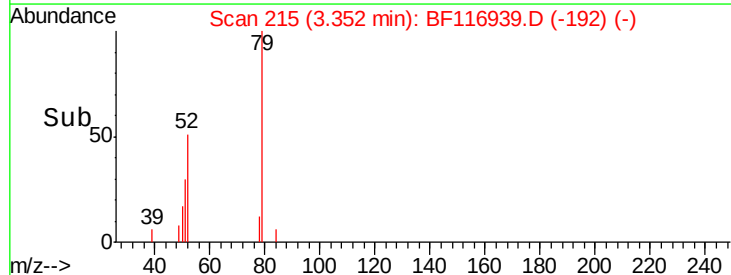
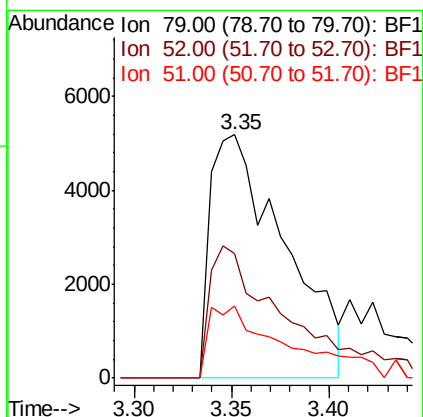
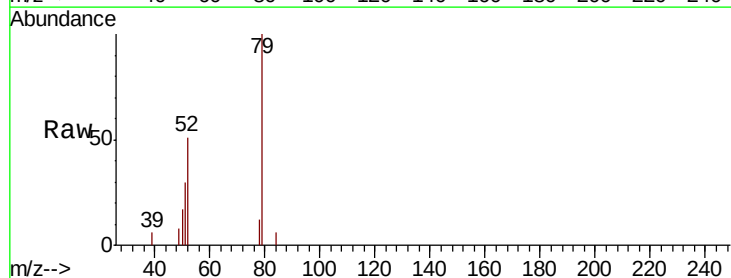
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.3	124.4	186.6
115	67.6	49.9	74.9

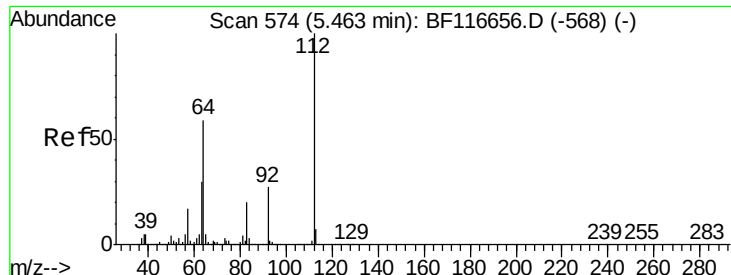


#3

Pyridine
Concen: 2.099 ng
RT: 3.35 min Scan# 215
Delta R.T. 0.04 min
Lab File: BF116939.D
Acq: 10 Sep 2019 23:21

Tgt Ion	Ratio	Lower	Upper
79	100		
52	51.4	47.4	71.0
51	29.9	24.1	36.1





#5

2-Fluorophenol

Concen: 2.362 ng

RT: 5.43 min Scan# 568

Delta R.T. -0.02 min

Lab File: BF116939.D

Acq: 10 Sep 2019 23:21

Instrument :

BNA_F

ClientSampleId :

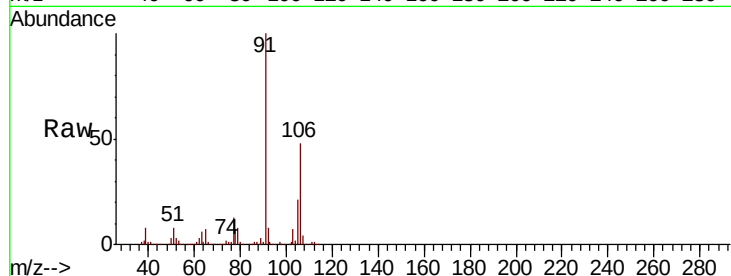
Tot Ion: 112 Resp: 11500

Ion Ratio Lower Upper

112 100

64 126.1 47.1 70.7#

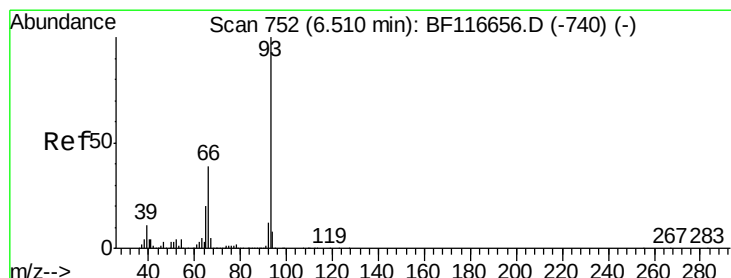
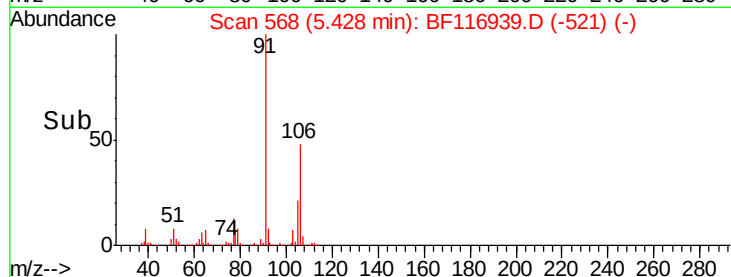
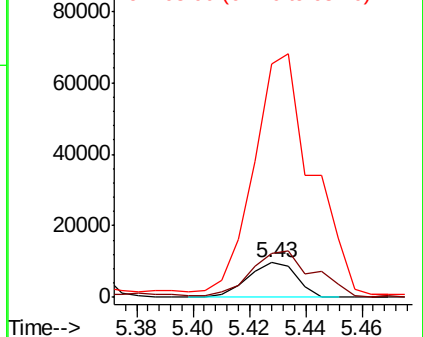
63 675.5 24.9 37.3#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 45.777 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF116939.D

Acq: 10 Sep 2019 23:21

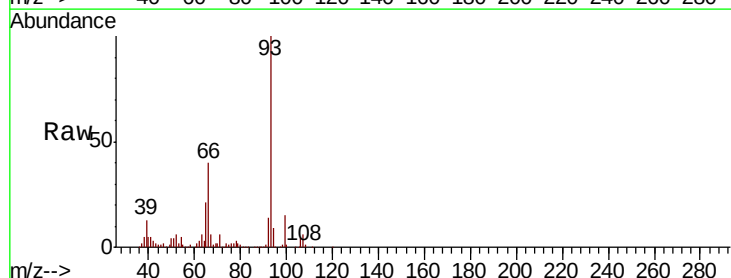
Tgt Ion: 93 Resp: 405431

Ion Ratio Lower Upper

93 100

66 39.8 32.7 49.1

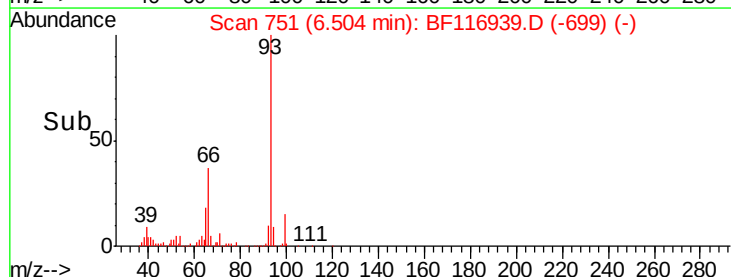
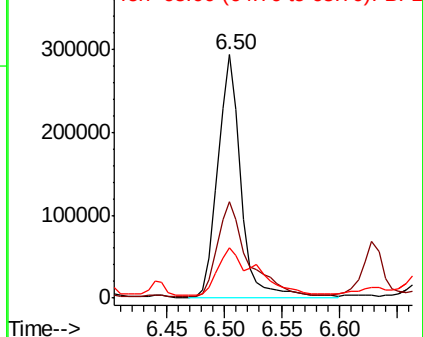
65 20.8 16.3 24.5

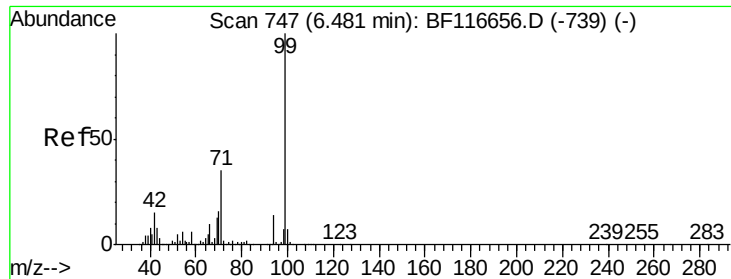


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 19.089 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.04 min

Lab File: BF116939.D

Acq: 10 Sep 2019 23:21

Instrument :

BNA_F

ClientSampleId :

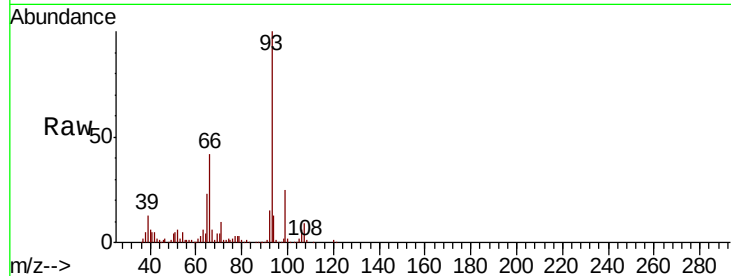
Tot Ion: 99 Resp: 122062

Ion Ratio Lower Upper

99 100

42 19.2 13.7 20.5

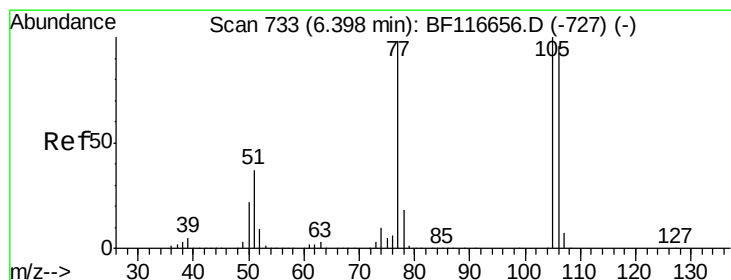
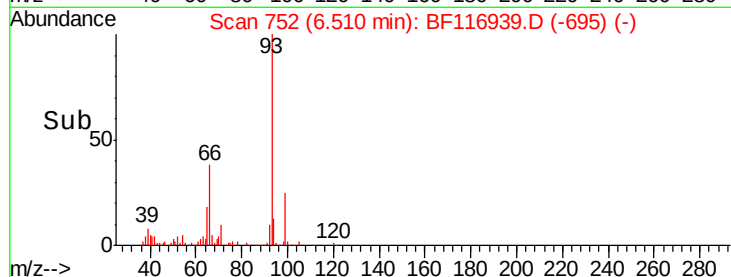
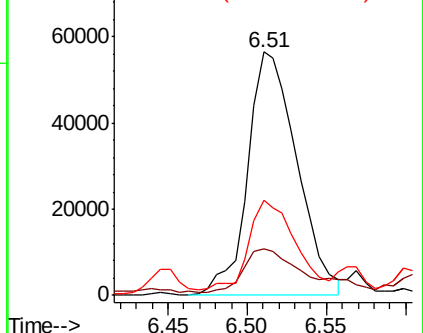
71 39.0 30.8 46.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 10.323 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF116939.D

Acq: 10 Sep 2019 23:21

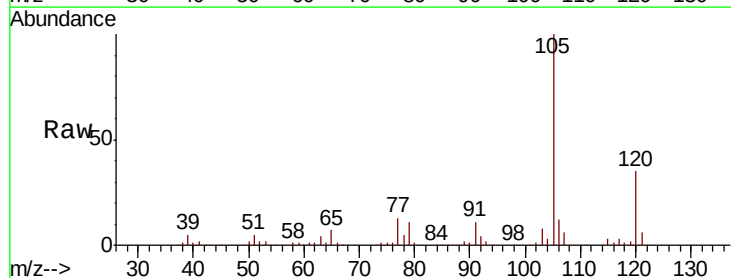
Tgt Ion: 77 Resp: 43489

Ion Ratio Lower Upper

77 100

105 760.3 76.7 116.7#

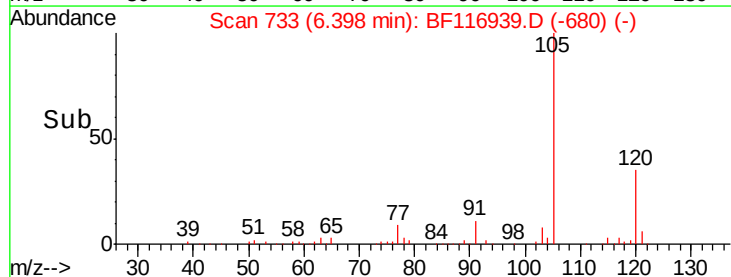
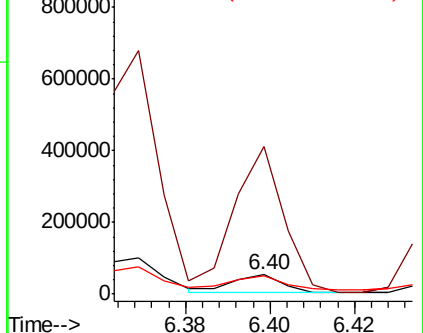
106 93.1 73.1 113.1

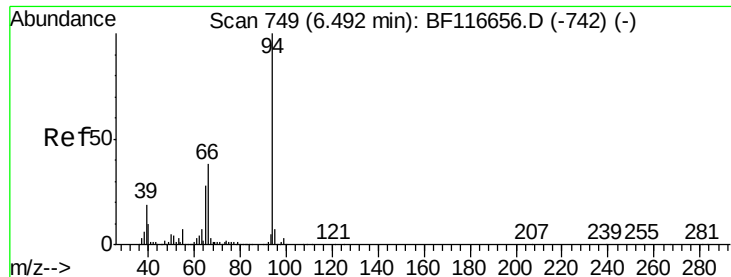


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 22.864 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.04 min

Lab File: BF116939.D

Acq: 10 Sep 2019 23:21

Instrument :

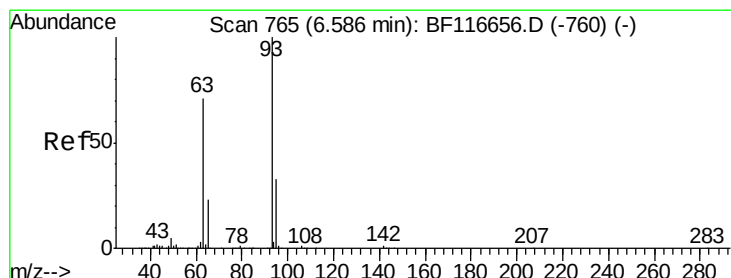
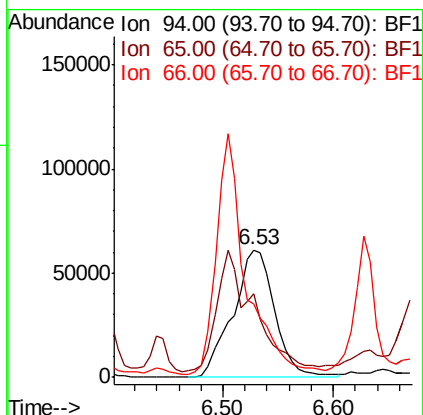
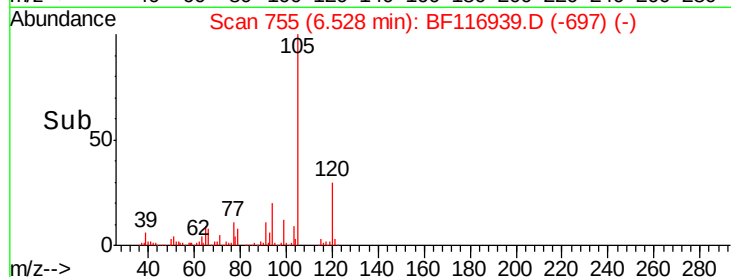
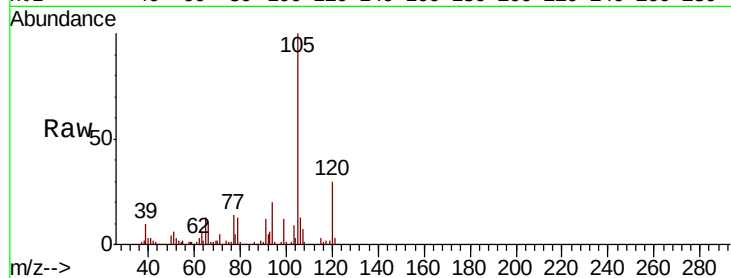
BNA_F

ClientSampleId :

Tot Ion: 94 Resp: 161892

Ion Ratio Lower Upper

94	100		
65	65.5	10.8	50.8#
66	57.5	21.1	61.1



#11

bis(2-Chloroethyl)ether

Concen: 73.536 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.07 min

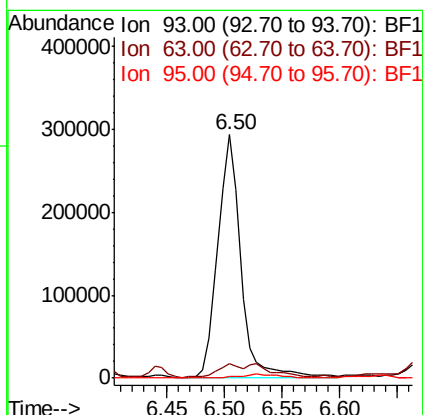
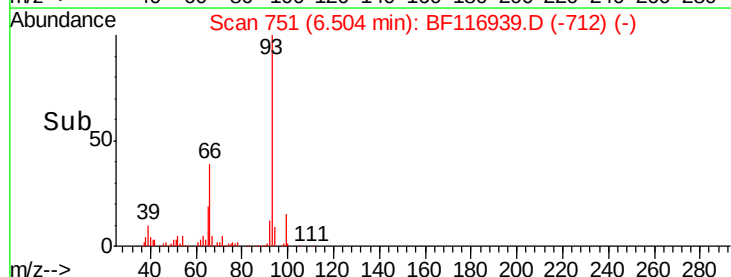
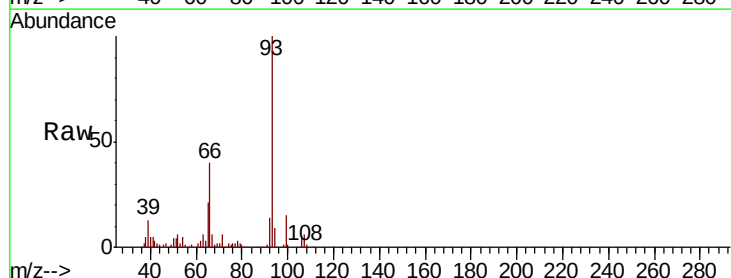
Lab File: BF116939.D

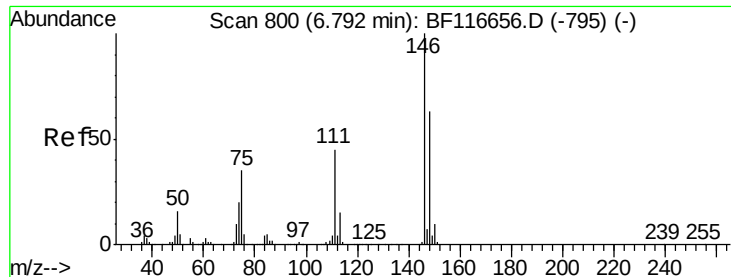
Acq: 10 Sep 2019 23:21

Tgt Ion: 93 Resp: 405431

Ion Ratio Lower Upper

93	100		
63	5.9	49.9	89.9#
95	0.5	12.7	52.7#





#12

1,3-Dichlorobenzene

Concen: 2.550 ng

RT: 6.86 min Scan# 811

Delta R.T. 0.08 min

Lab File: BF116939.D

Acq: 10 Sep 2019 23:21

Instrument :

BNA_F

ClientSampleId :

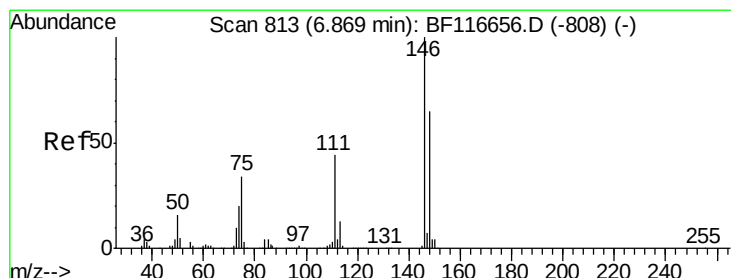
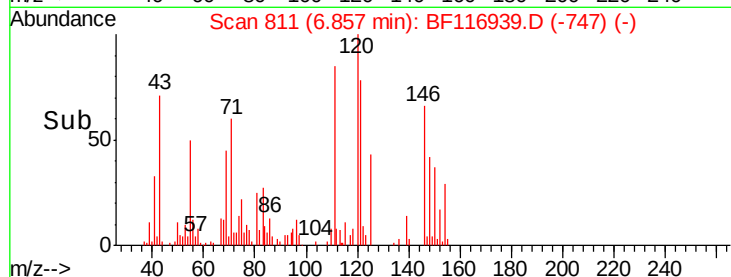
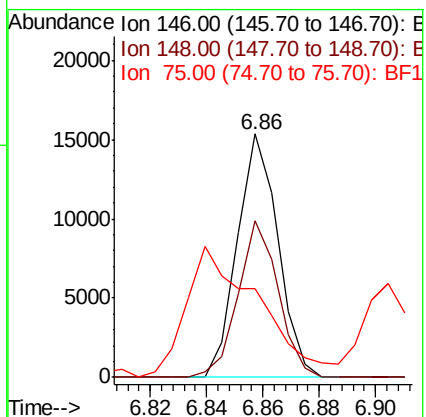
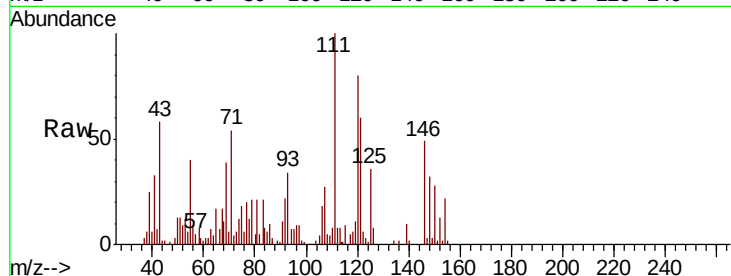
Tot Ion:146 Resp: 15319

Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.0

75 36.4 29.6 44.4



#13

1,4-Dichlorobenzene

Concen: 2.561 ng

RT: 6.86 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF116939.D

Acq: 10 Sep 2019 23:21

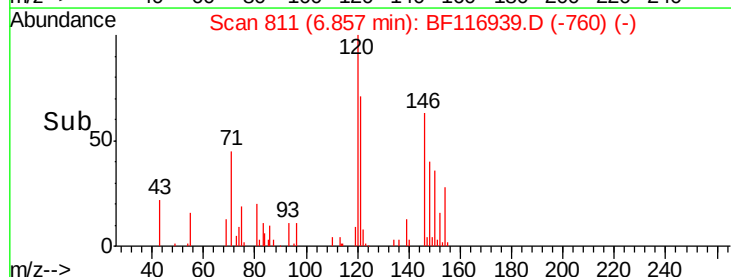
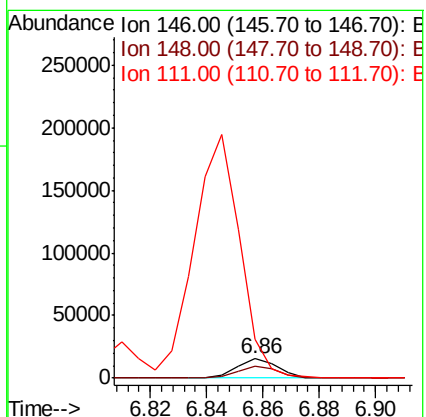
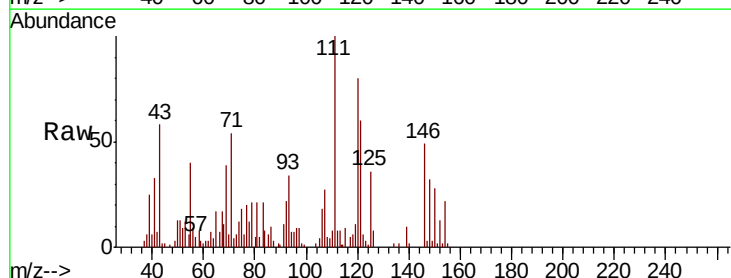
Tgt Ion:146 Resp: 15319

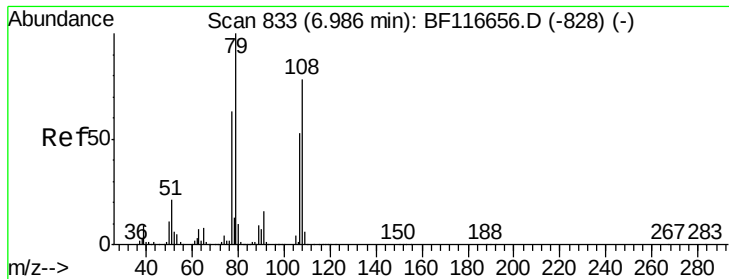
Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.2

111 202.1 34.8 52.2#





#15

Benzyl Alcohol

Concen: 9.711 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.04 min

Lab File: BF116939.D

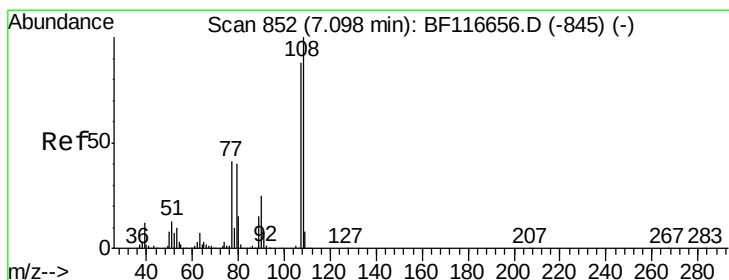
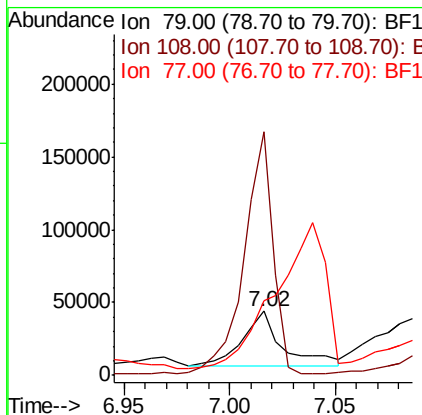
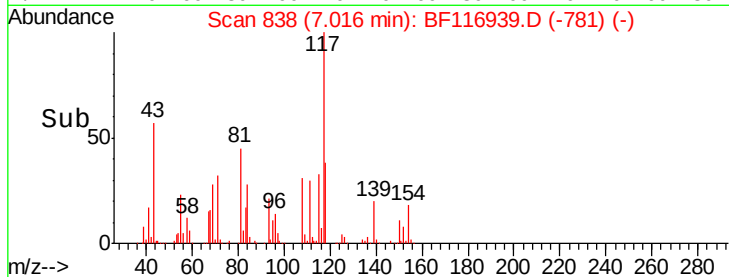
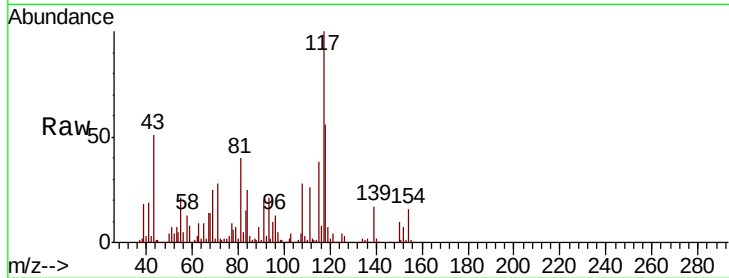
Acq: 10 Sep 2019 23:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	79	Resp:	50406
Ion	Ratio	Lower	Upper
79	100		
108	380.0	59.2	88.8#
77	116.1	53.0	79.4#



#17

2-Methylphenol

Concen: 45.833 ng

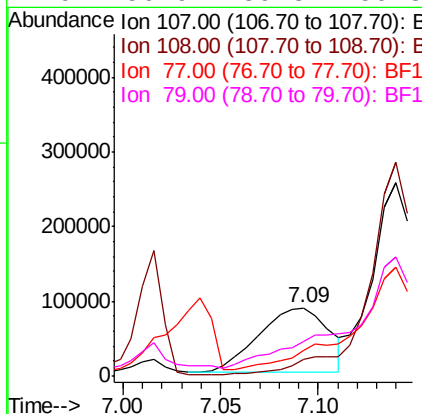
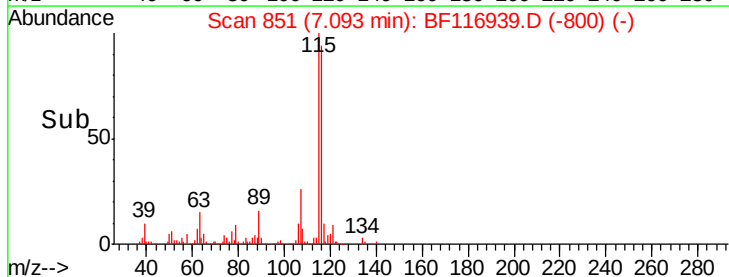
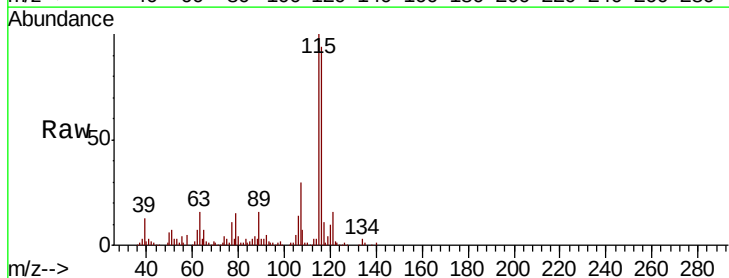
RT: 7.09 min Scan# 851

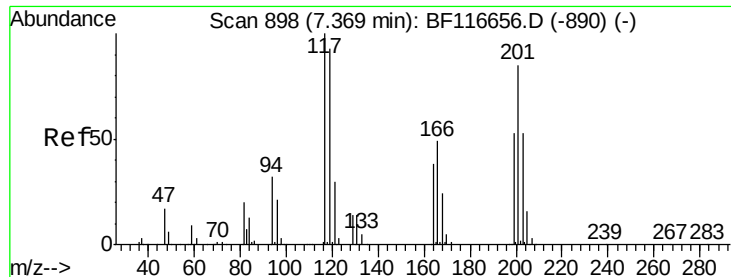
Delta R.T. 0.00 min

Lab File: BF116939.D

Acq: 10 Sep 2019 23:21

Tgt Ion:	107	Resp:	213289
Ion	Ratio	Lower	Upper
107	100		
108	23.5	88.3	132.5#
77	37.4	39.9	59.9#
79	50.9	39.8	59.8

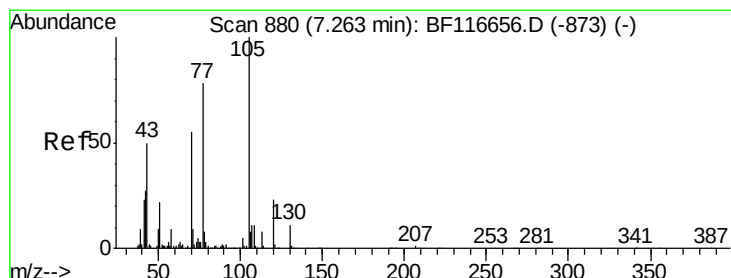
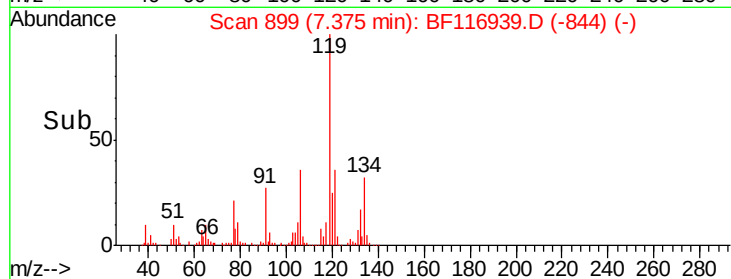
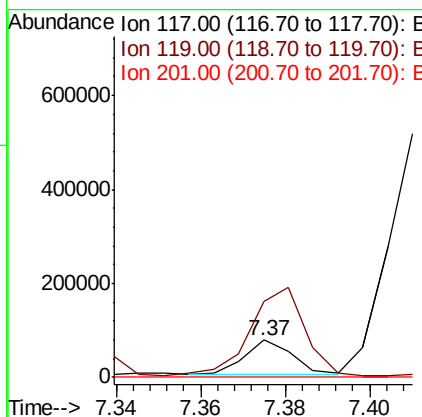
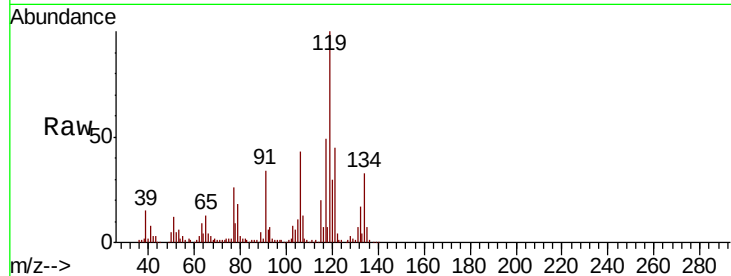




#18
Hexachloroethane
Concen: 24.474 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.02 min
Lab File: BF116939.D
Acq: 10 Sep 2019 23:21

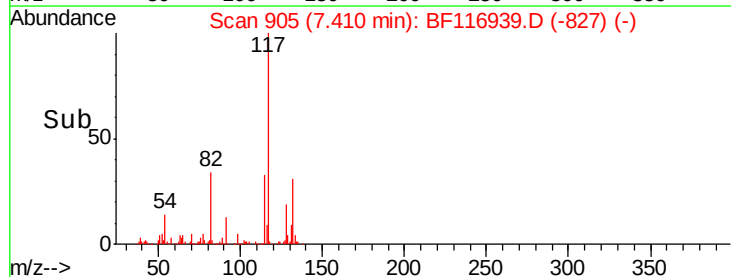
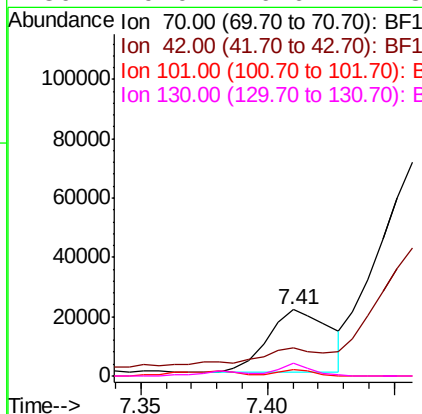
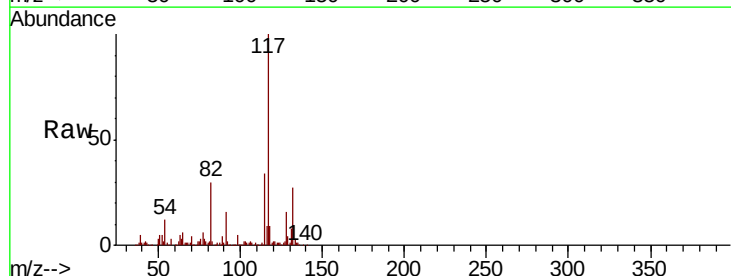
Instrument :
BNA_F
ClientSampleId :

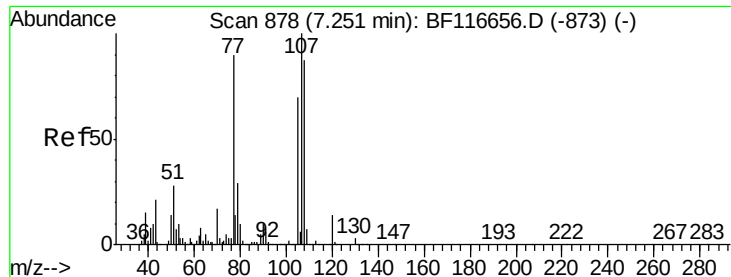
Tot Ion:117 Resp: 56876
Ion Ratio Lower Upper
117 100
119 205.9 76.9 115.3#
201 0.0 79.4 119.0#



#19
n-Nitroso-di-n-propylamine
Concen: 8.602 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.16 min
Lab File: BF116939.D
Acq: 10 Sep 2019 23:21

Tgt Ion: 70 Resp: 36216
Ion Ratio Lower Upper
70 100
42 42.5 43.5 65.3#
101 9.4 7.8 11.6
130 19.0 16.6 24.8

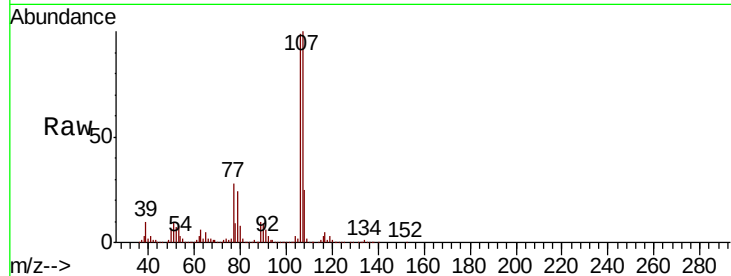




#20
3+4-Methylphenols
Concen: 434.566 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.06 min
Lab File: BF116939.D
Acq: 10 Sep 2019 23:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	2351346
Ion	Ratio	Lower	Upper
107	100		
108	25.3	65.5	105.5#
77	28.1	69.4	109.4#
79	24.3	9.5	49.5



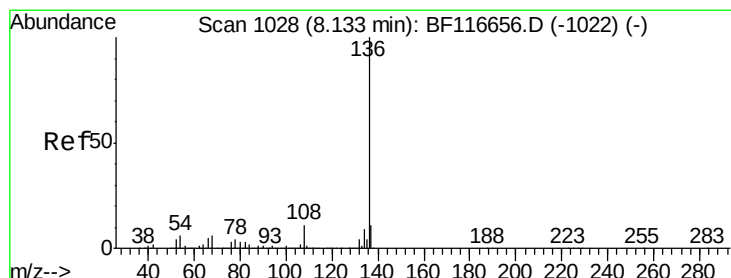
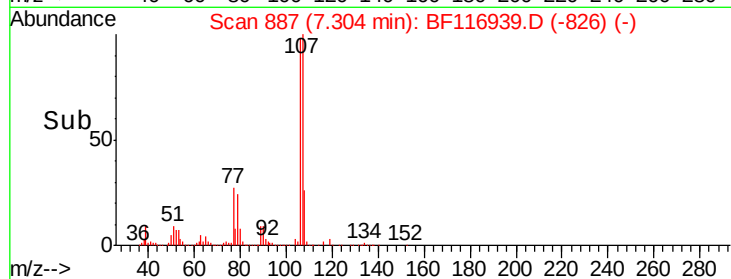
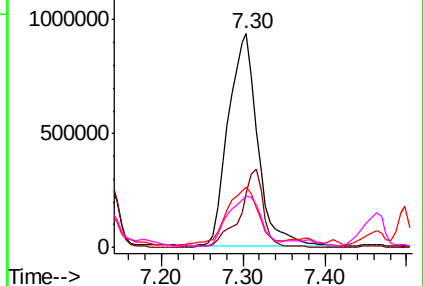
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

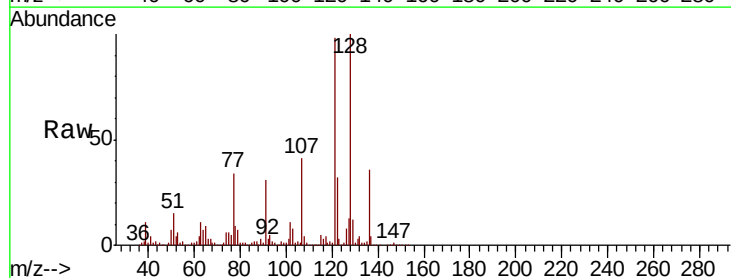
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.02 min
Lab File: BF116939.D
Acq: 10 Sep 2019 23:21

Tgt Ion:	136	Resp:	607753
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	2.3	4.8	7.2#
68	1.5	4.0	6.0#



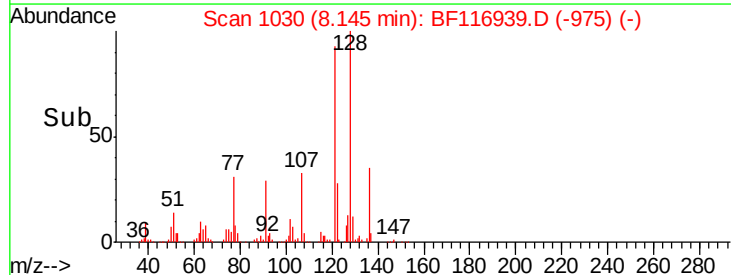
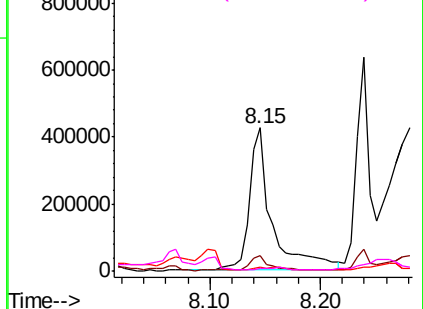
Abundance

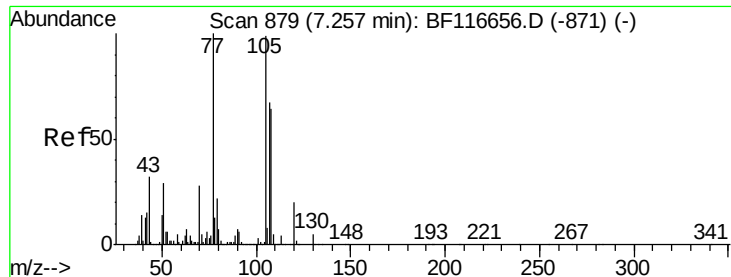
Ion 136.00 (135.70 to 136.70): E

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

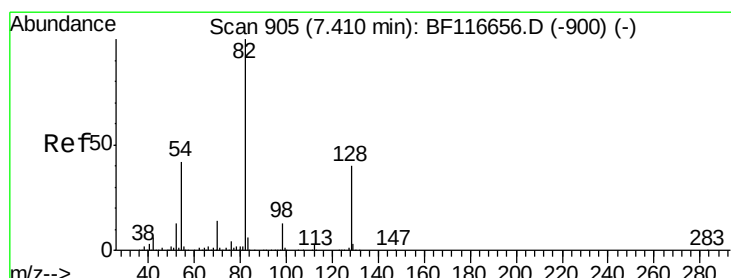
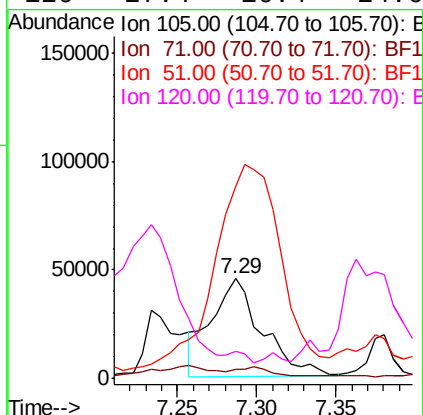
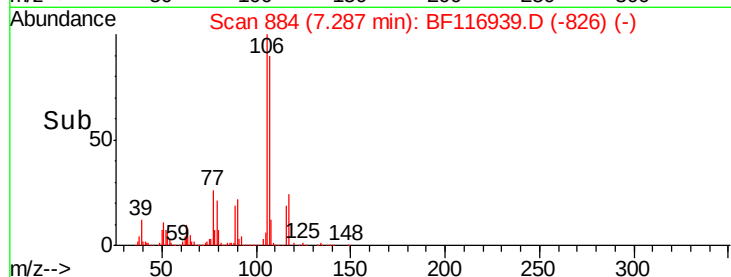
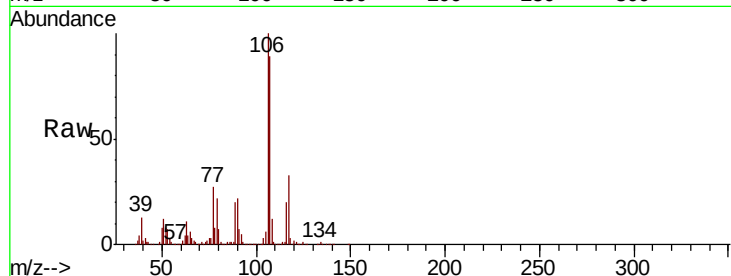




#22
Acetophenone
Concen: 6.967 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.04 min
Lab File: BF116939.D
Acq: 10 Sep 2019 23:21

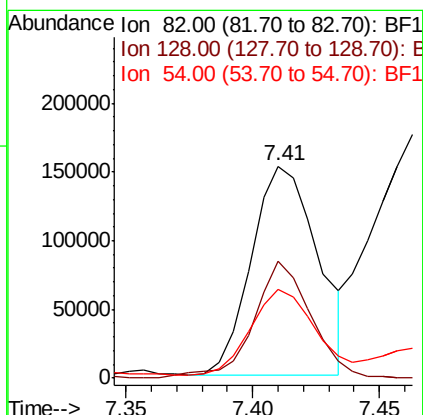
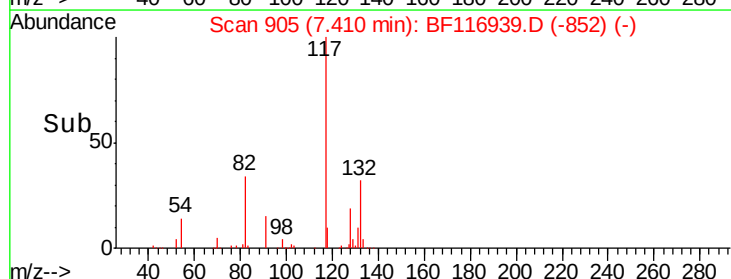
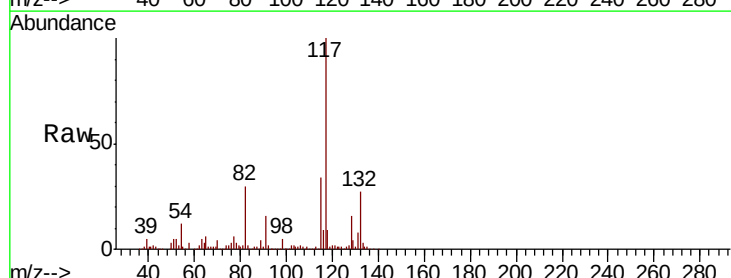
Instrument :
BNA_F
ClientSampled :

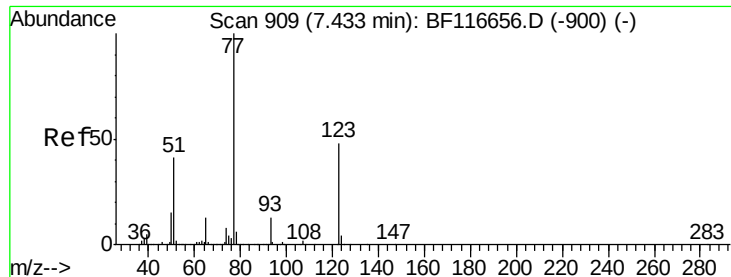
Tot Ion: 105 Resp: 101945
Ion Ratio Lower Upper
105 100
71 8.5 4.2 6.4#
51 192.2 25.8 38.8#
120 27.4 16.4 24.6#



#23
Nitrobenzene-d5
Concen: 26.197 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.01 min
Lab File: BF116939.D
Acq: 10 Sep 2019 23:21

Tgt Ion: 82 Resp: 278890
Ion Ratio Lower Upper
82 100
128 55.0 32.8 49.2#
54 41.7 36.9 55.3

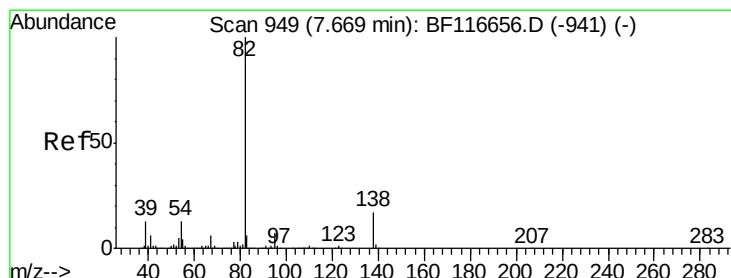
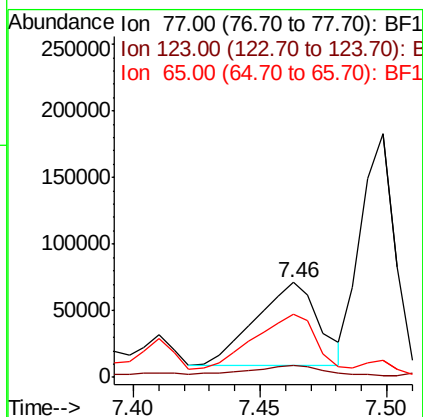
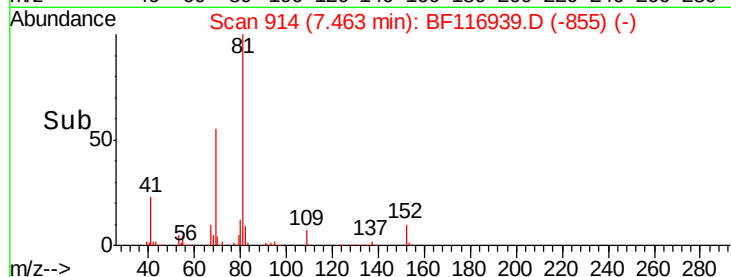
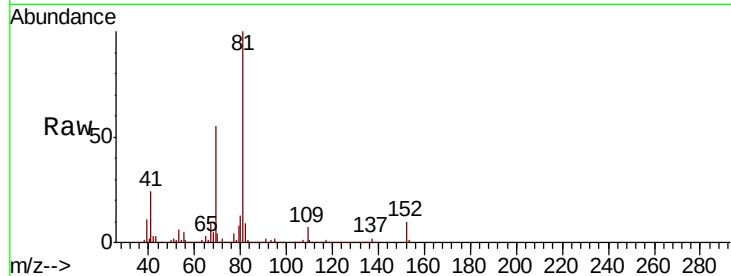




#24
Nitrobenzene
Concen: 9.992 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.05 min
Lab File: BF116939.D
Acq: 10 Sep 2019 23:21

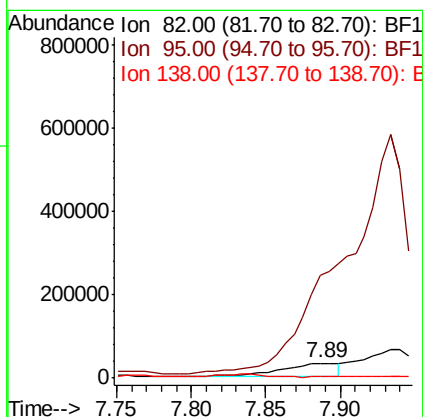
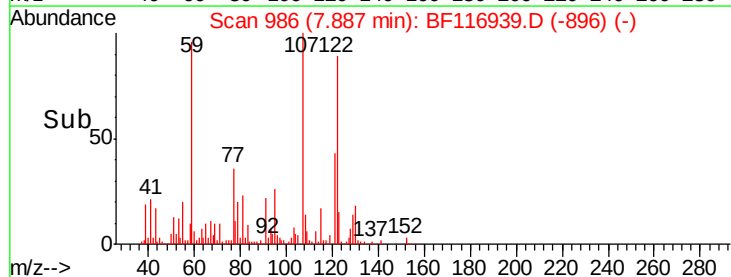
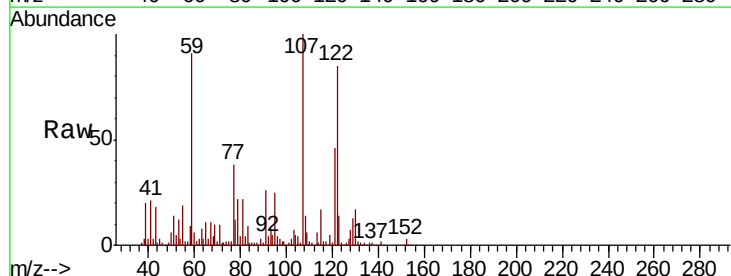
Instrument :
BNA_F
ClientSampled :

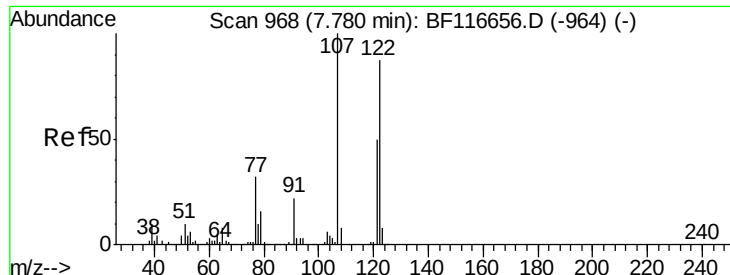
Tot Ion	Ratio	Lower	Upper
77	100		
123	13.0	33.1	49.7#
65	66.4	10.6	15.8#



#25
Isophorone
Concen: 3.835 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.23 min
Lab File: BF116939.D
Acq: 10 Sep 2019 23:21

Tgt Ion	Ratio	Lower	Upper
82	100		
95	681.9	5.8	8.6#
138	8.6	13.5	20.3#

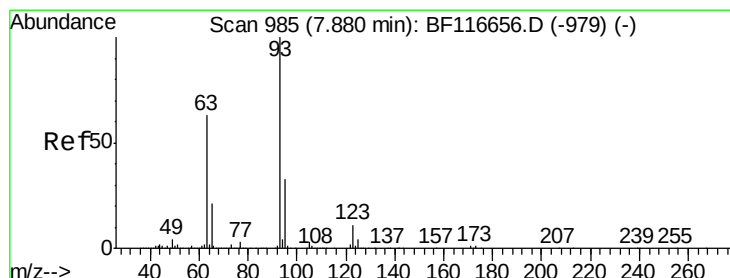
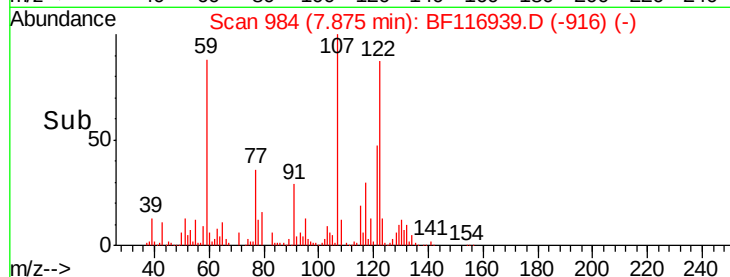
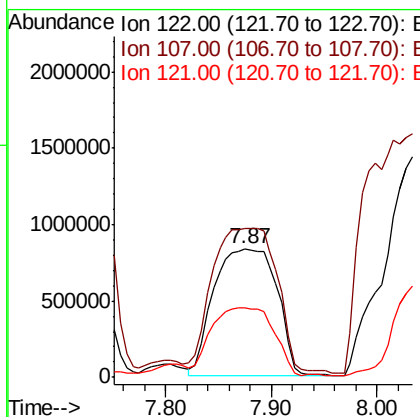
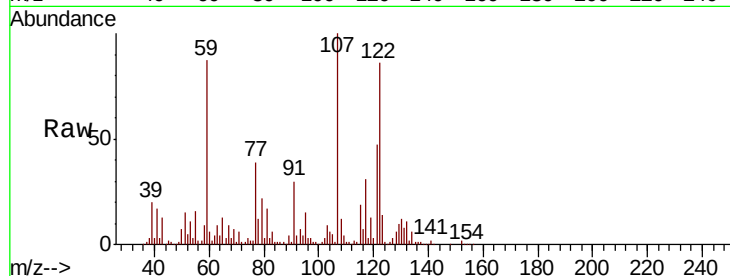




#27
2,4-Dimethylphenol
Concen: 423.520 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.10 min
Lab File: BF116939.D
Acq: 10 Sep 2019 23:21

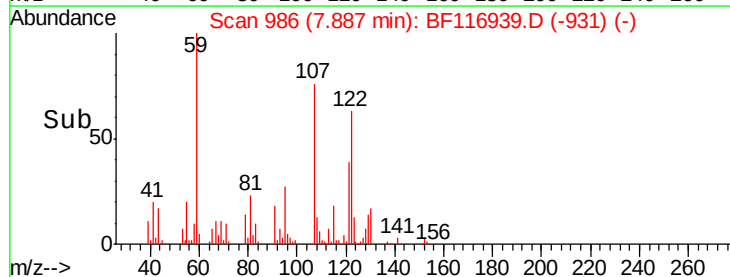
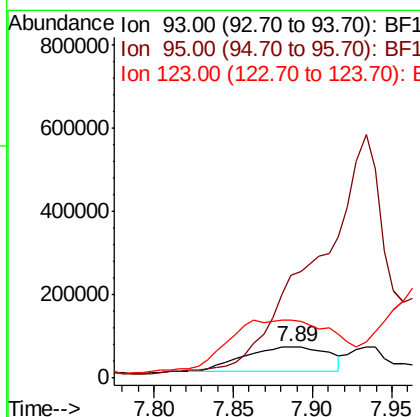
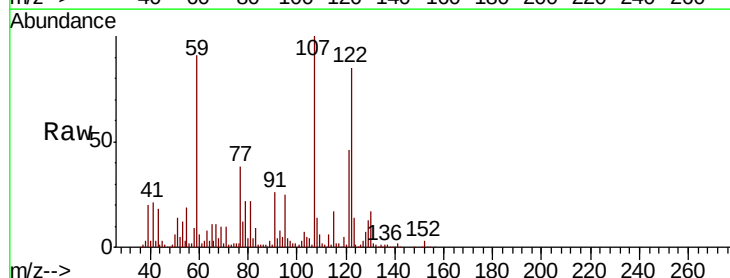
Instrument :
BNA_F
ClientSampled :

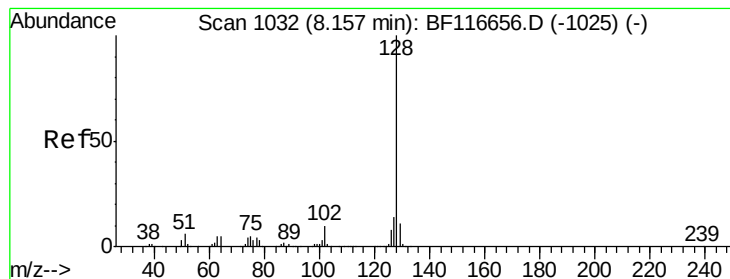
Tot Ion:122 Resp: 3443129
Ion Ratio Lower Upper
122 100
107 116.3 98.1 147.1
121 54.5 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 16.916 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.02 min
Lab File: BF116939.D
Acq: 10 Sep 2019 23:21

Tgt Ion: 93 Resp: 223002
Ion Ratio Lower Upper
93 100
95 324.0 26.4 39.6#
123 181.8 9.8 14.8#





#31

Naphthalene

Concen: 794.955 ng

RT: 8.22 min Scan# 1042

Delta R.T. 0.08 min

Lab File: BF116939.D

Acq: 10 Sep 2019 23:21

Instrument :

BNA_F

ClientSampleId :

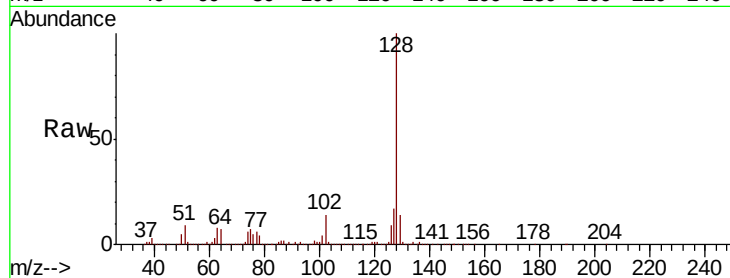
Tot Ion:128 Resp:22973601

Ion Ratio Lower Upper

128 100

129 14.2 8.6 13.0#

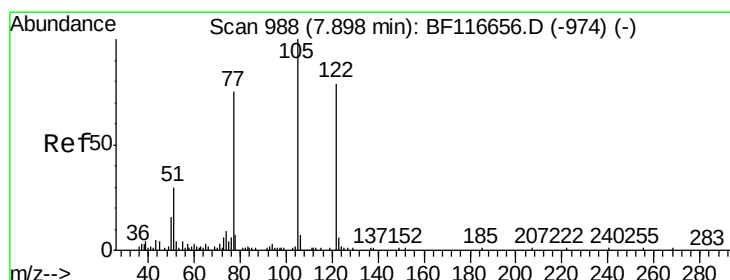
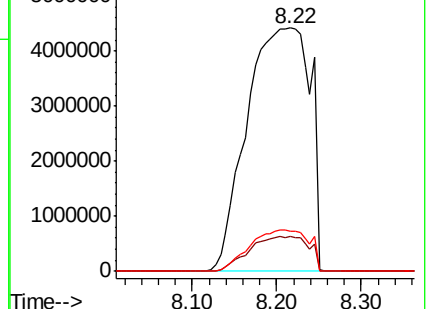
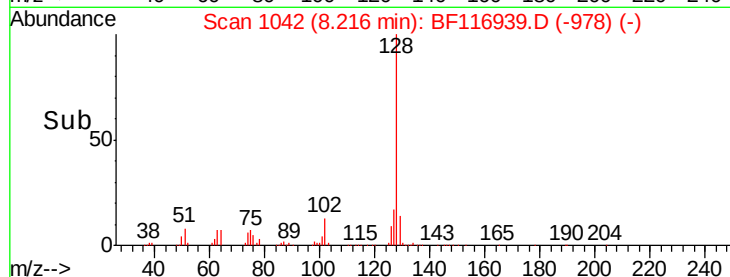
127 16.6 10.4 15.6#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 756.991 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.02 min

Lab File: BF116939.D

Acq: 10 Sep 2019 23:21

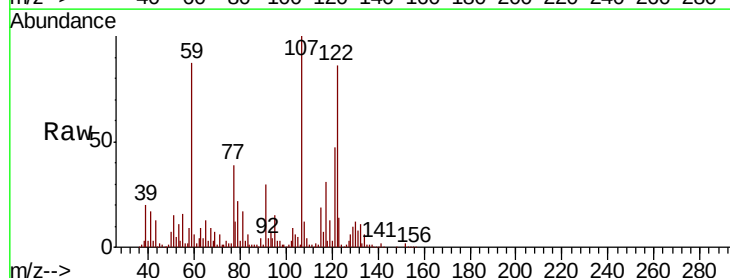
Tgt Ion:122 Resp: 3474883

Ion Ratio Lower Upper

122 100

105 5.7 110.0 150.0#

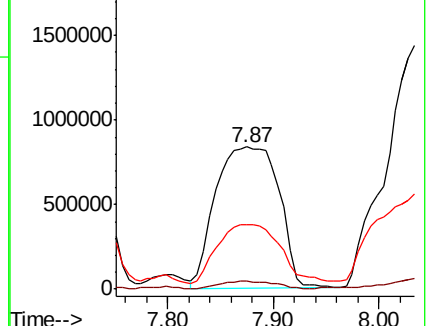
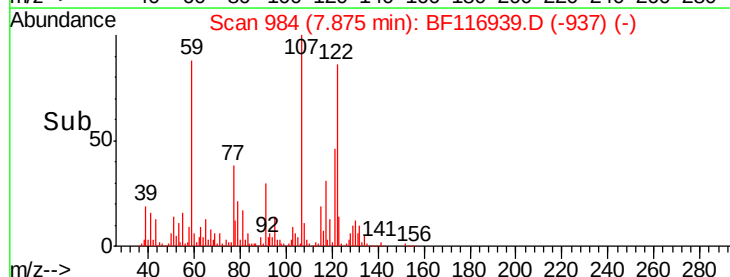
77 45.3 81.7 121.7#

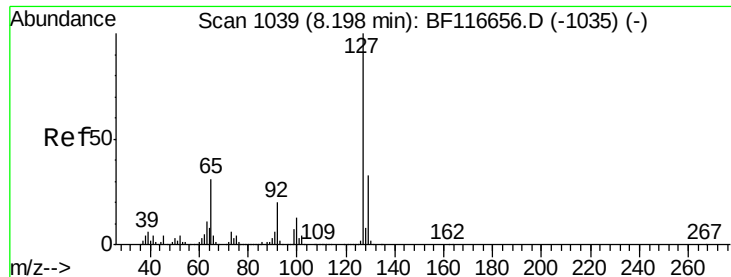


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

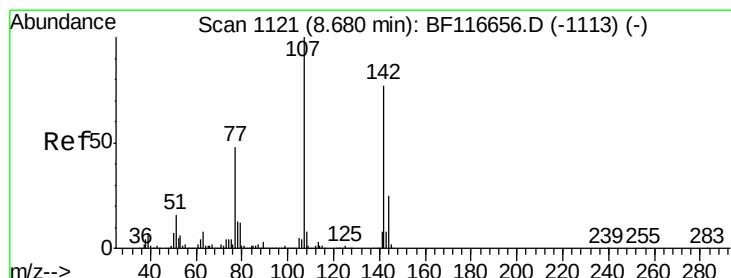
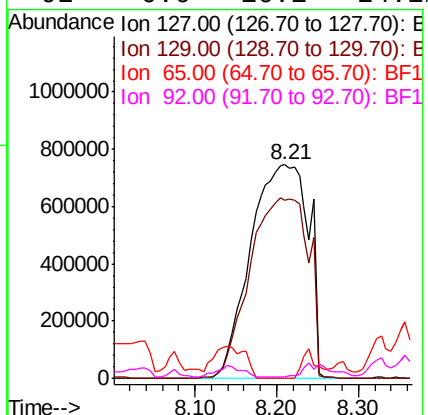
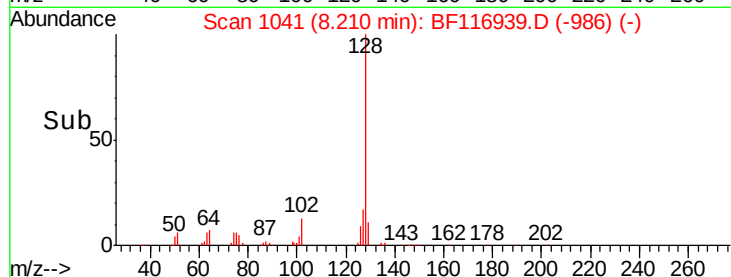
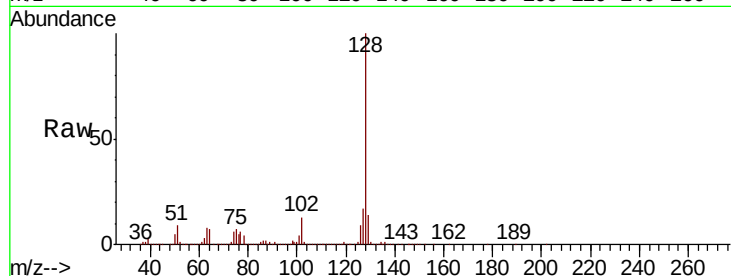




#33
4-Chloroaniline
Concen: 278.882 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.02 min
Lab File: BF116939.D
Acq: 10 Sep 2019 23:21

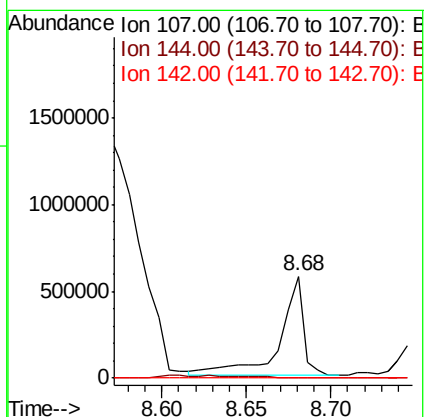
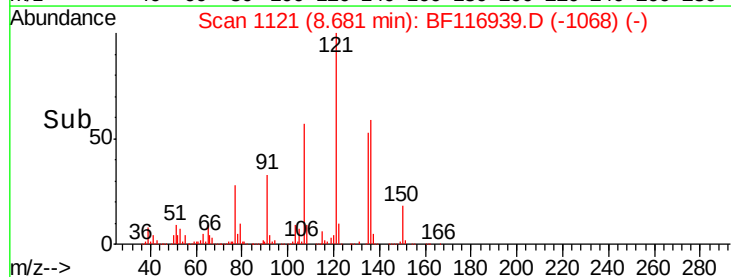
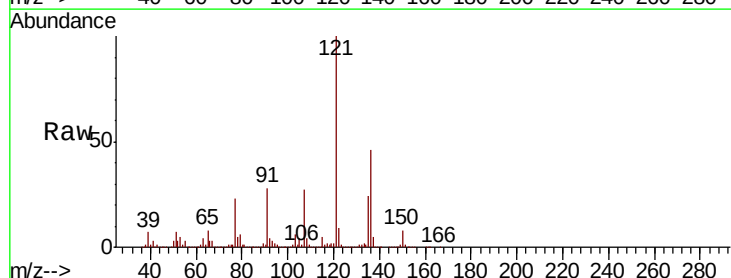
Instrument :
BNA_F
ClientSampleId :

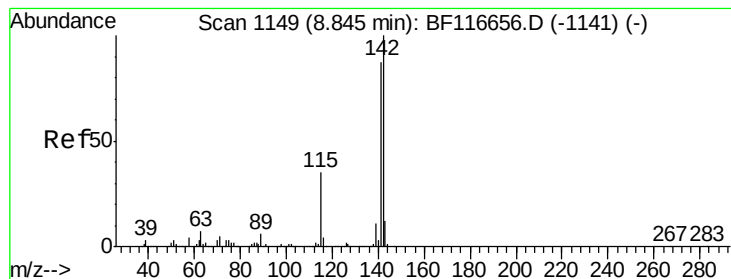
Tot Ion:127 Resp: 3668668
Ion Ratio Lower Upper
127 100
129 83.5 26.2 39.2#
65 0.0 26.0 39.0#
92 0.6 16.1 24.1#



#36
4-Chloro-3-methylphenol
Concen: 63.094 ng
RT: 8.68 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BF116939.D
Acq: 10 Sep 2019 23:21

Tgt Ion:107 Resp: 566560
Ion Ratio Lower Upper
107 100
144 0.1 18.6 27.8#
142 0.0 58.5 87.7#





#37

2-Methylnaphthalene

Concen: 214.696 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.05 min

Lab File: BF116939.D

Acq: 10 Sep 2019 23:21

Instrument :

BNA_F

ClientSampleId :

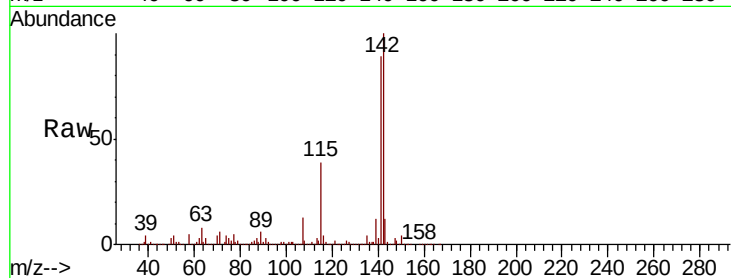
Tot Ion:142 Resp: 4128230

Ion Ratio Lower Upper

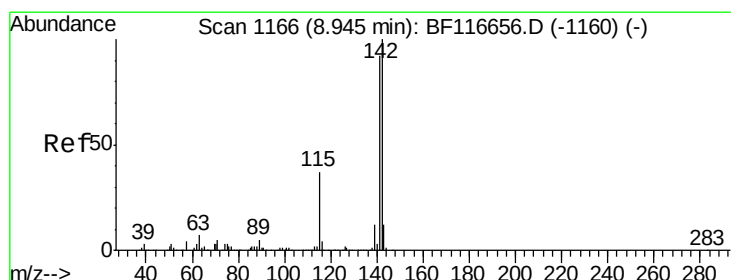
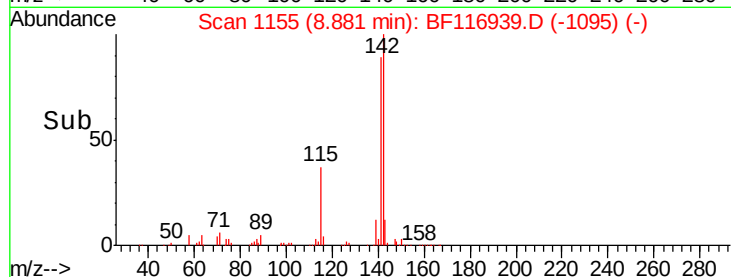
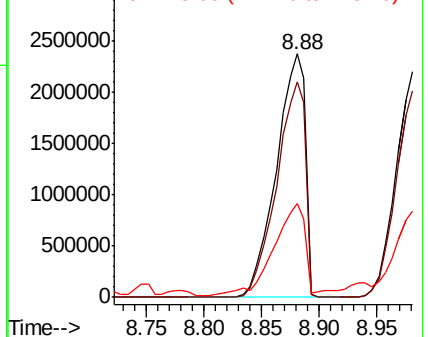
142 100

141 88.5 72.6 109.0

115 38.8 29.8 44.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 147.456 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.05 min

Lab File: BF116939.D

Acq: 10 Sep 2019 23:21

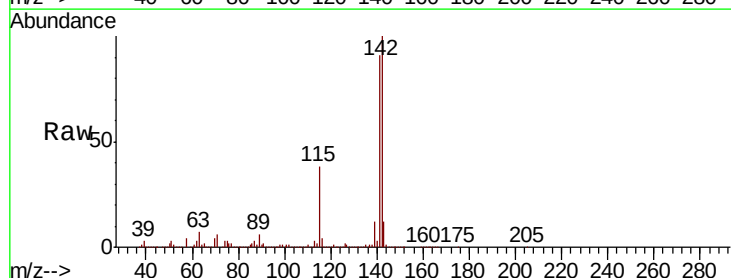
Tgt Ion:142 Resp: 2676527

Ion Ratio Lower Upper

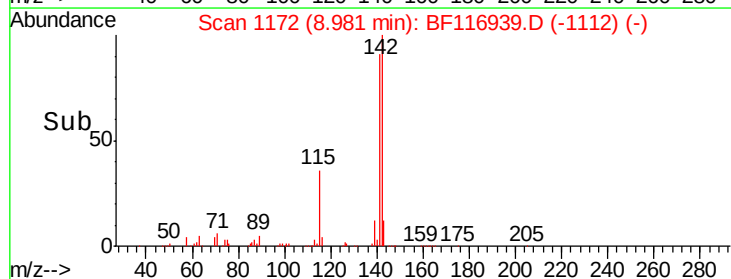
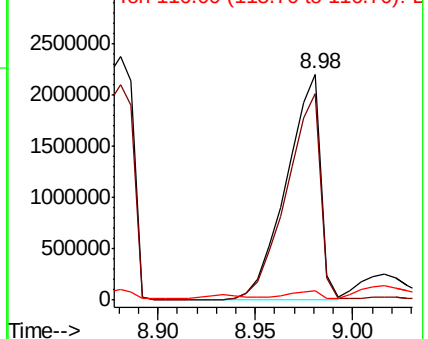
142 100

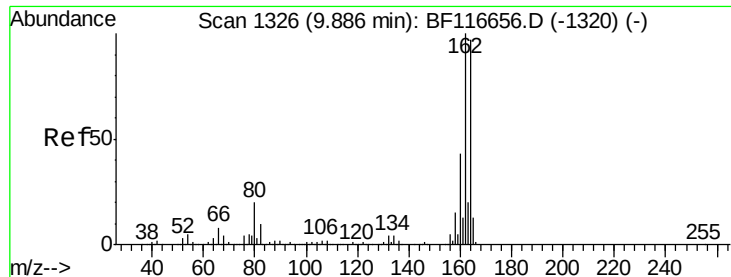
141 91.1 73.9 110.9

116 4.0 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

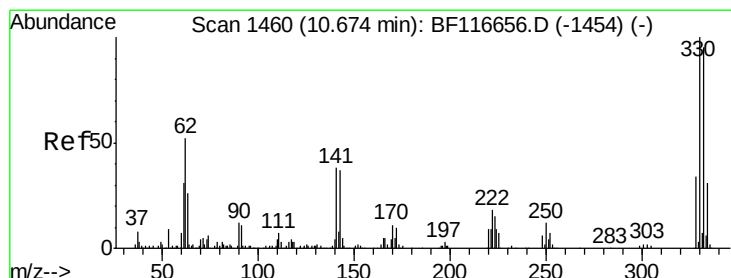
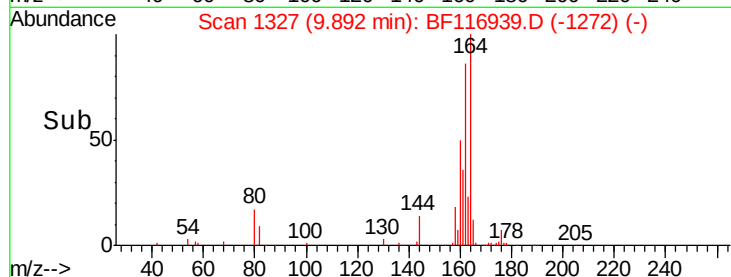
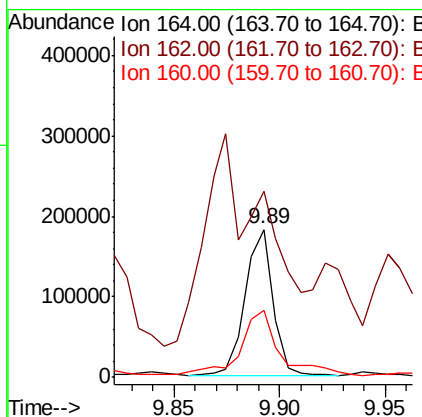
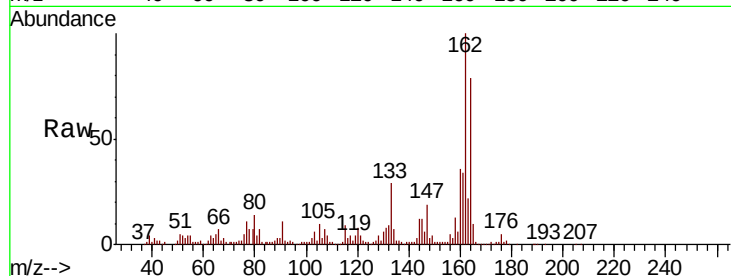




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.02 min
Lab File: BF116939.D
Acq: 10 Sep 2019 23:21

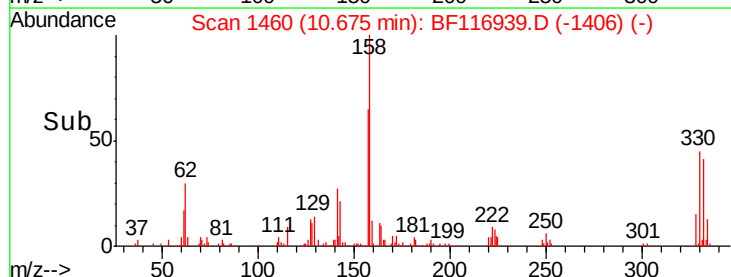
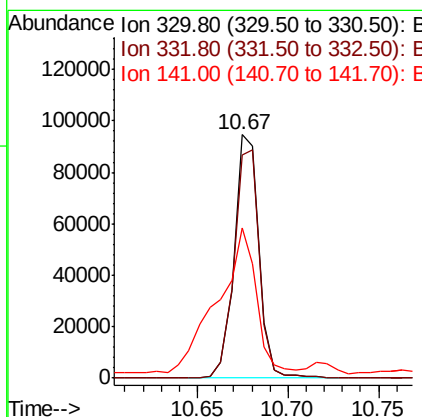
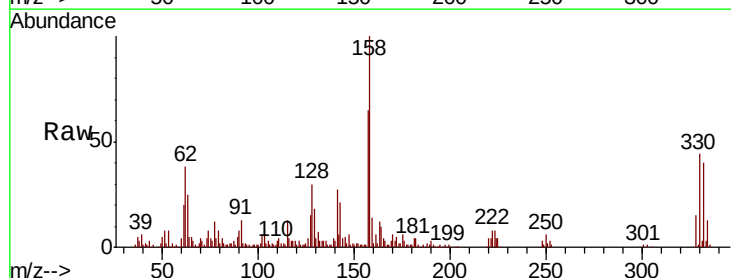
Instrument :
BNA_F
ClientSampleId :

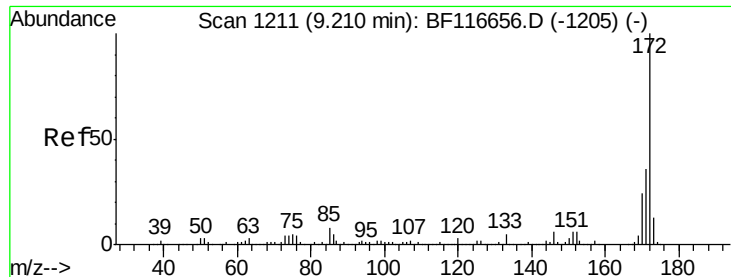
Tot Ion:164 Resp: 167542
Ion Ratio Lower Upper
164 100
162 125.8 81.4 122.0#
160 45.5 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 79.906 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.02 min
Lab File: BF116939.D
Acq: 10 Sep 2019 23:21

Tgt Ion:330 Resp: 89499
Ion Ratio Lower Upper
330 100
332 96.3 76.9 115.3
141 93.9 31.4 47.2#





#45

2-Fluorobiphenyl

Concen: 46.175 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.02 min

Lab File: BF116939.D

Acq: 10 Sep 2019 23:21

Instrument :

BNA_F

ClientSampleId :

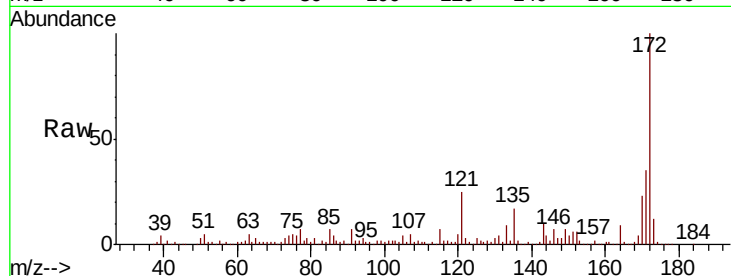
Tot Ion:172 Resp: 458606

Ion Ratio Lower Upper

172 100

171 35.2 27.8 41.6

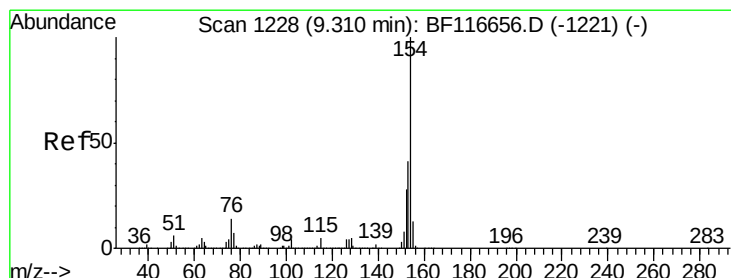
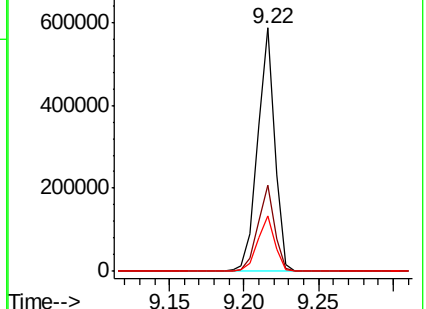
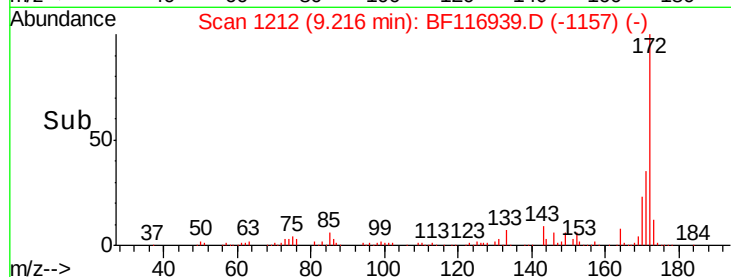
170 23.0 18.9 28.3



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



#46

1,1'-Biphenyl

Concen: 42.929 ng

RT: 9.32 min Scan# 1229

Delta R.T. 0.02 min

Lab File: BF116939.D

Acq: 10 Sep 2019 23:21

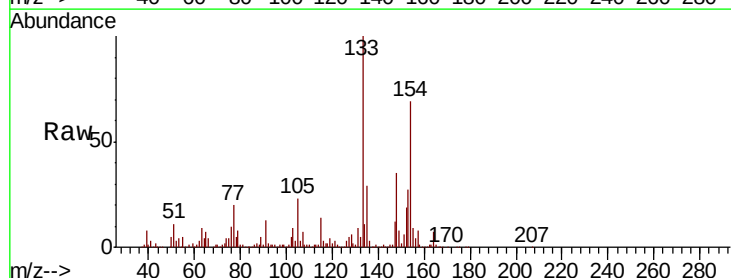
Tgt Ion:154 Resp: 545765

Ion Ratio Lower Upper

154 100

153 39.7 21.2 61.2

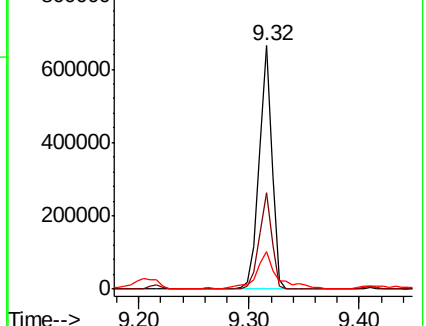
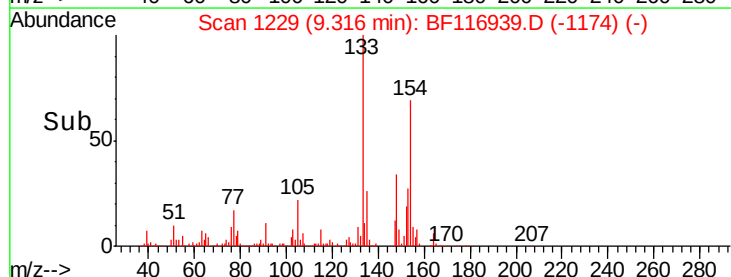
76 15.2 0.0 30.9

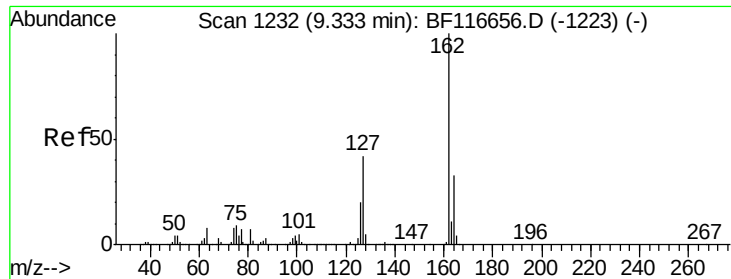


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

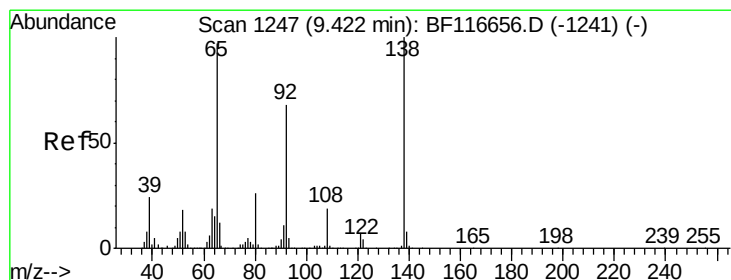
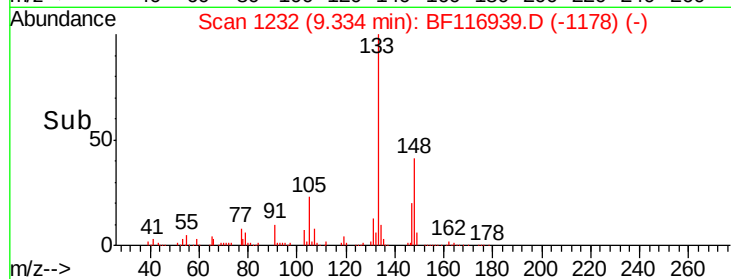
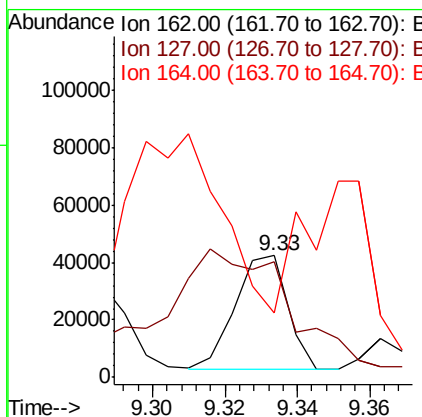
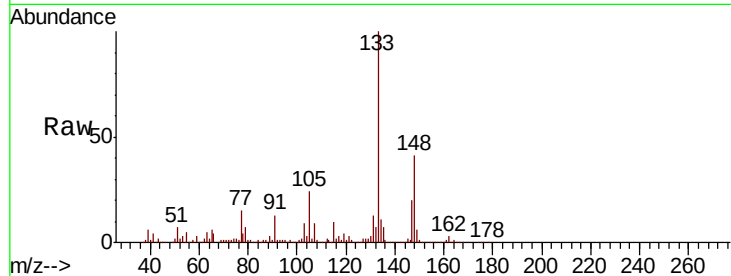




#47
 2-Chloronaphthalene
 Concen: 3.944 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.02 min
 Lab File: BF116939.D
 Acq: 10 Sep 2019 23:21

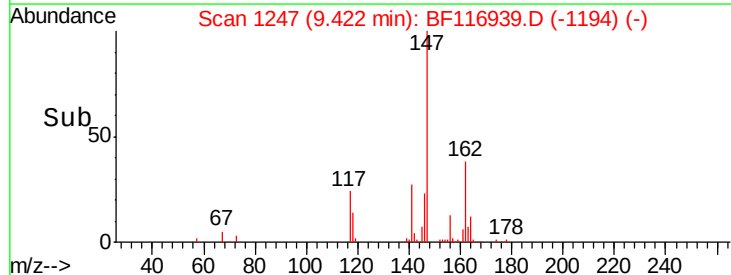
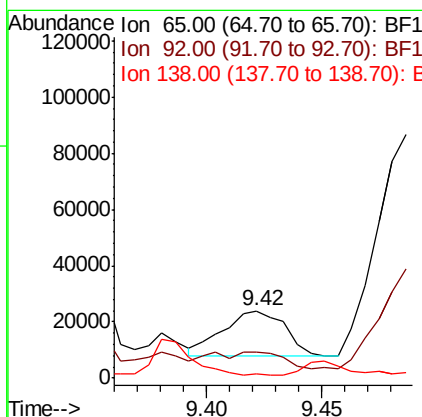
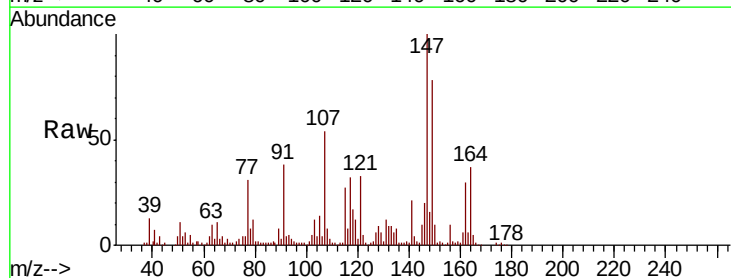
Instrument :
 BNA_F
 ClientSampled :

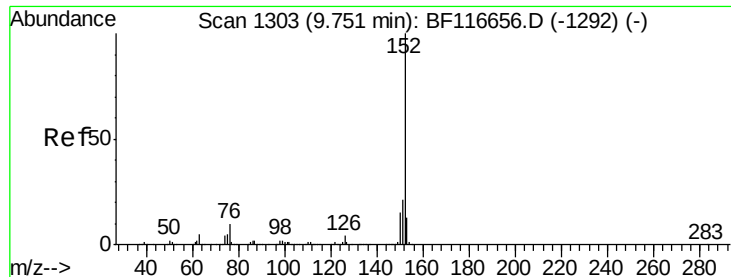
Tot Ion	Ratio	Lower	Upper
162	100		
127	95.0	33.4	50.2#
164	52.7	26.6	39.8#



#48
 2-Nitroaniline
 Concen: 10.422 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. 0.01 min
 Lab File: BF116939.D
 Acq: 10 Sep 2019 23:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	39.4	57.1	85.7#
138	5.5	88.2	132.2#





#49

Acenaphthylene

Concen: 4.014 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.02 min

Lab File: BF116939.D

Acq: 10 Sep 2019 23:21

Instrument :

BNA_F

ClientSampleId :

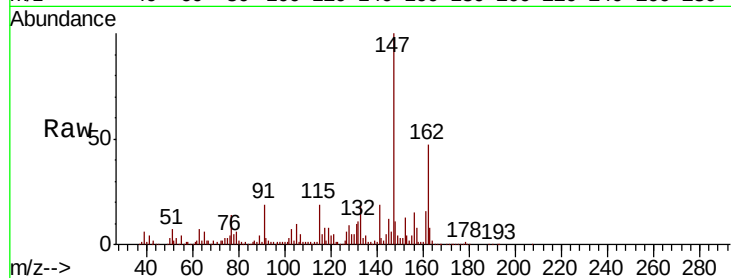
Tot Ion:152 Resp: 61101

Ion Ratio Lower Upper

152 100

151 24.6 15.9 23.9#

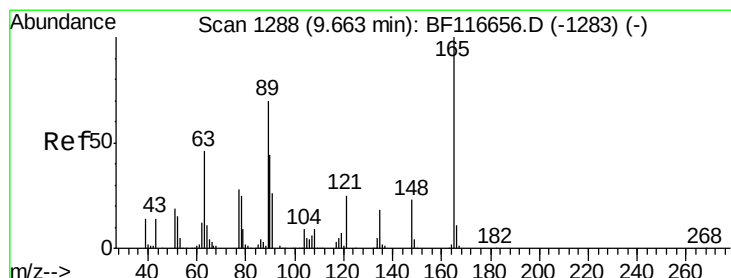
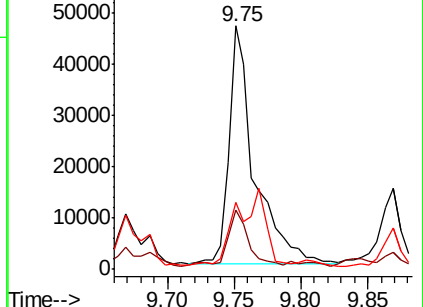
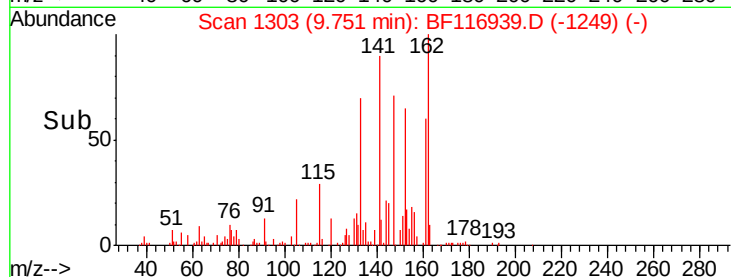
153 27.5 10.9 16.3#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#51

2,6-Dinitrotoluene

Concen: 2.736 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF116939.D

Acq: 10 Sep 2019 23:21

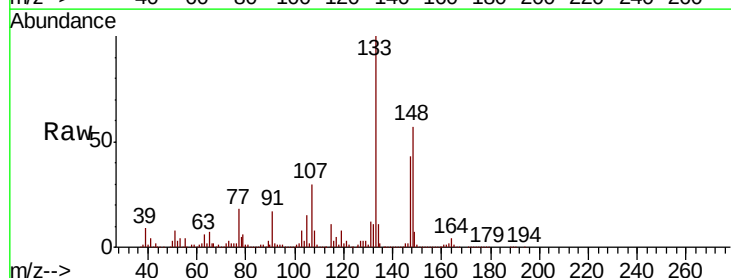
Tgt Ion:165 Resp: 6038

Ion Ratio Lower Upper

165 100

63 824.3 47.3 70.9#

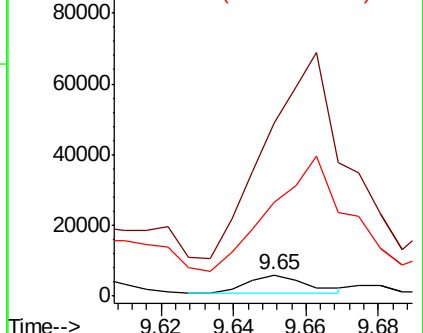
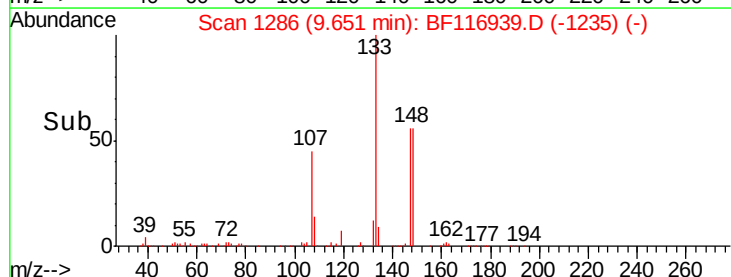
89 446.9 52.5 78.7#

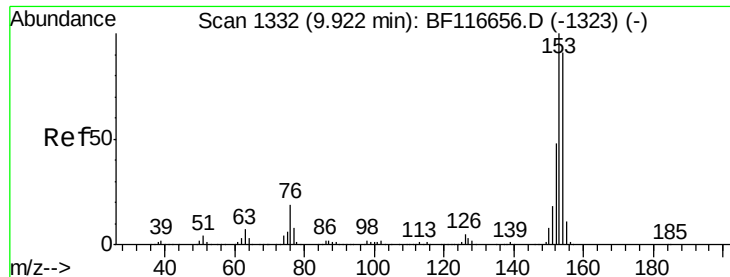


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 52.941 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.02 min

Lab File: BF116939.D

Acq: 10 Sep 2019 23:21

Instrument :

BNA_F

ClientSampleId :

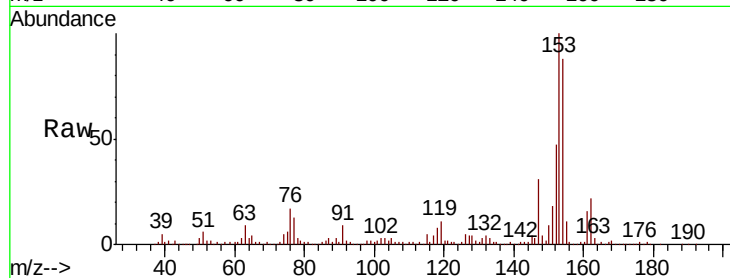
Tot Ion:154 Resp: 495124

Ion Ratio Lower Upper

154 100

153 114.0 89.5 134.3

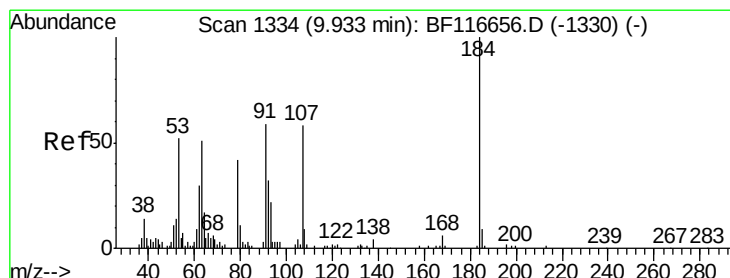
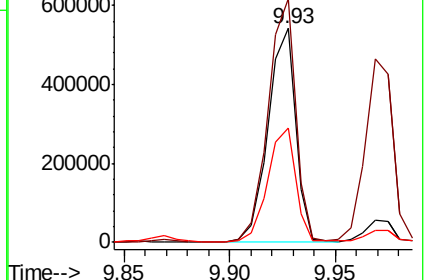
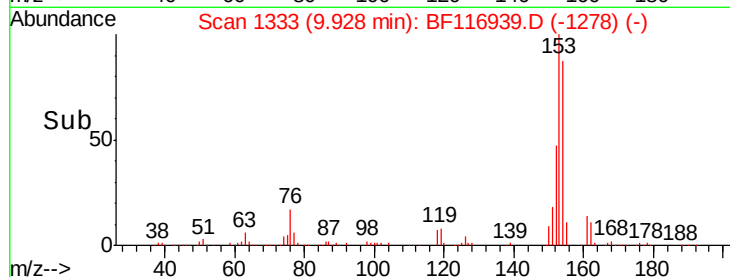
152 53.7 41.9 62.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

2,4-Dinitrophenol

Concen: 42.375 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.11 min

Lab File: BF116939.D

Acq: 10 Sep 2019 23:21

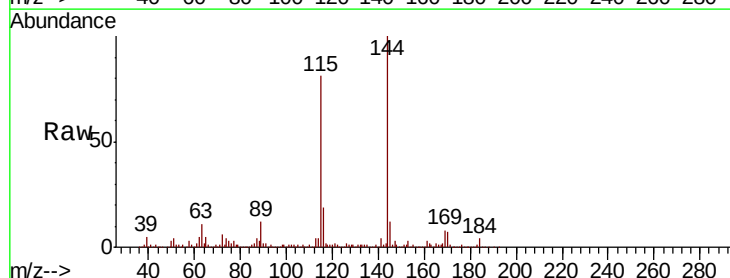
Tgt Ion:184 Resp: 29429

Ion Ratio Lower Upper

184 100

63 291.2 52.2 78.2#

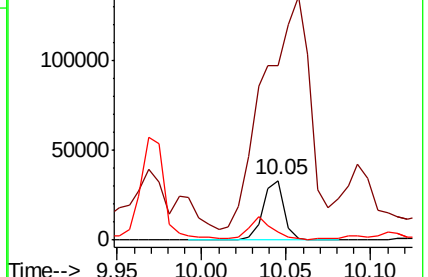
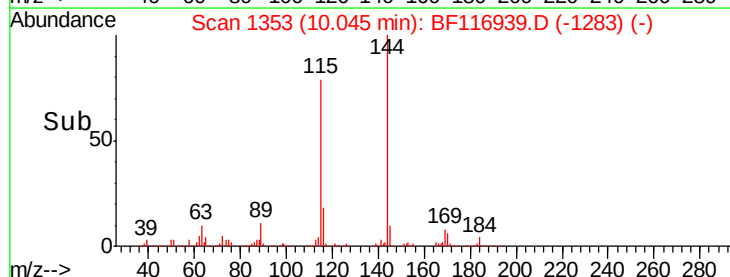
154 12.9 60.8 91.2#

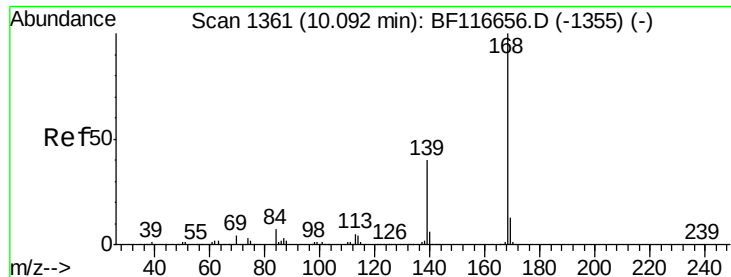


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

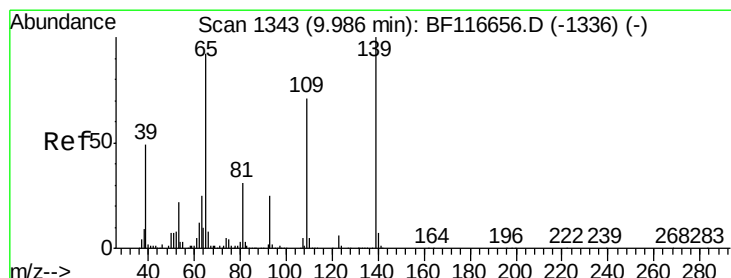
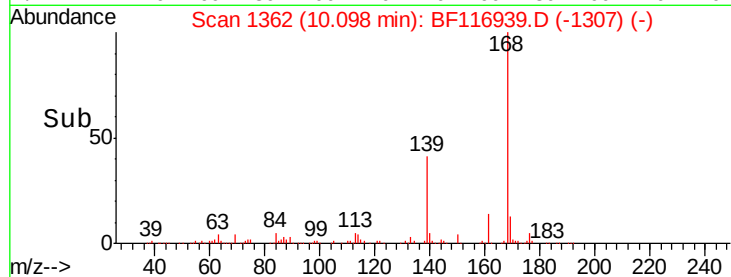
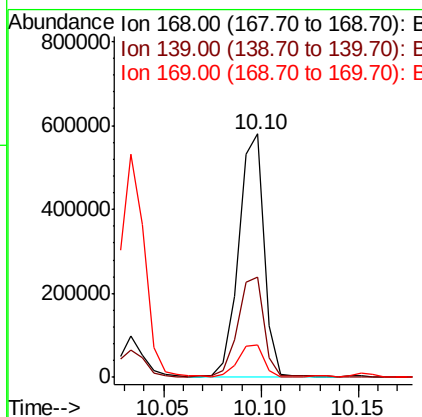
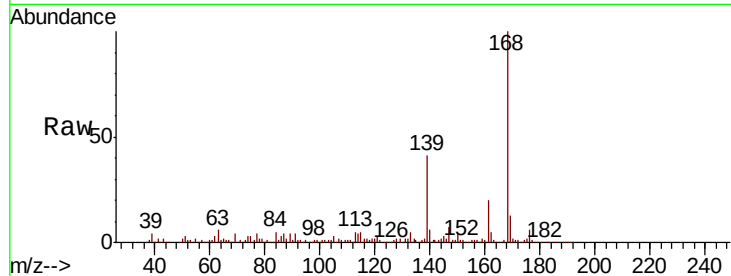




#55
 Dibenzofuran
 Concen: 39.452 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.02 min
 Lab File: BF116939.D
 Acq: 10 Sep 2019 23:21

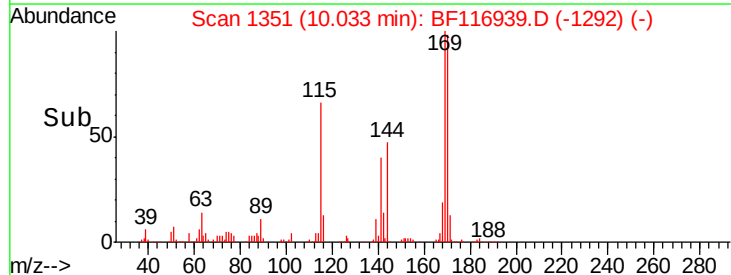
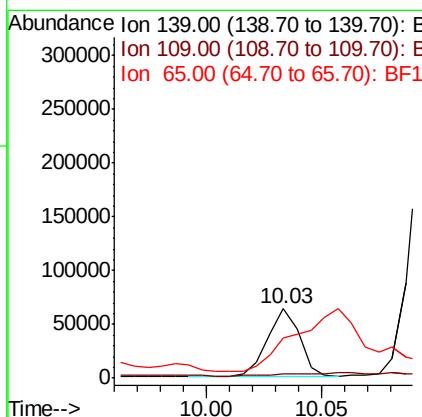
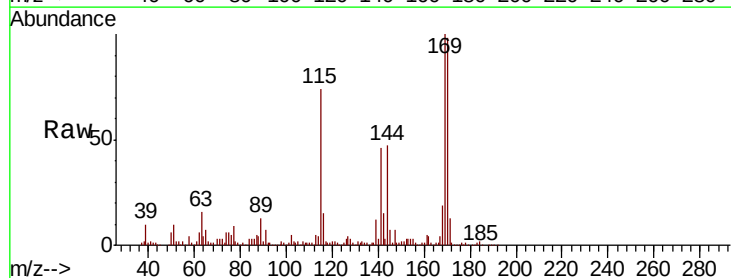
Instrument :
 BNA_F
 ClientSampleId :

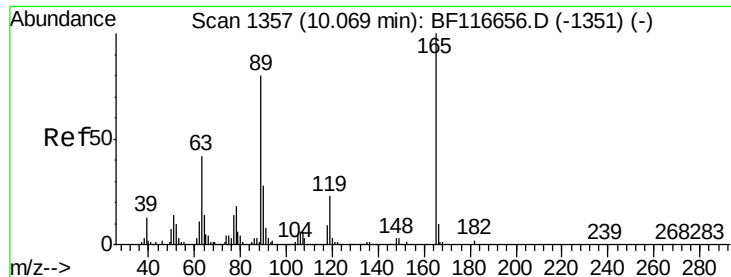
Tot Ion	Ratio	Lower	Upper
168	100		
139	41.0	31.5	47.3
169	13.5	10.3	15.5



#56
 4-Nitrophenol
 Concen: 32.584 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. 0.05 min
 Lab File: BF116939.D
 Acq: 10 Sep 2019 23:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	6.6	61.7	101.7#
65	57.8	89.1	129.1#





#57

2,4-Dinitrotoluene

Concen: 5.170 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF116939.D

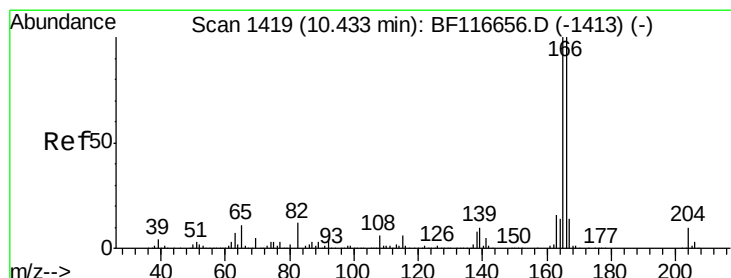
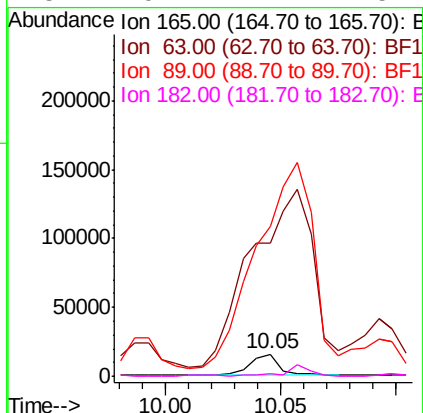
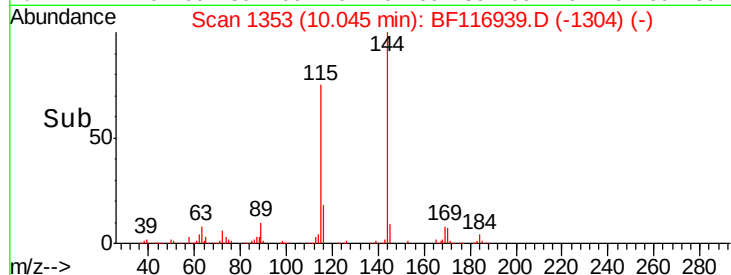
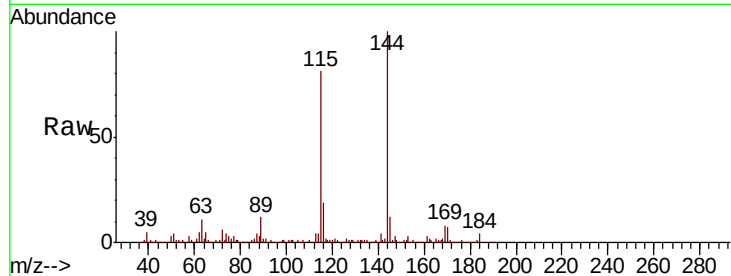
Acq: 10 Sep 2019 23:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165	Resp:	13950
Ion Ratio	Lower	Upper
165	100	
63	612.4	36.4 54.6#
89	689.0	62.6 94.0#
182	9.7	2.1 3.1#



#58

Fluorene

Concen: 23.075 ng

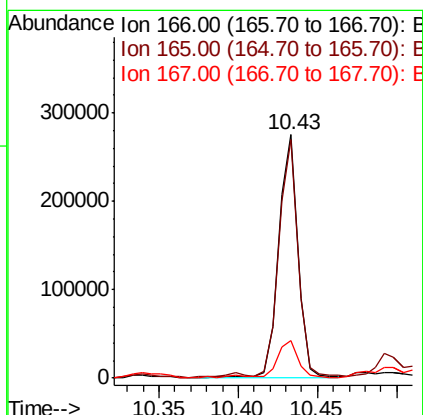
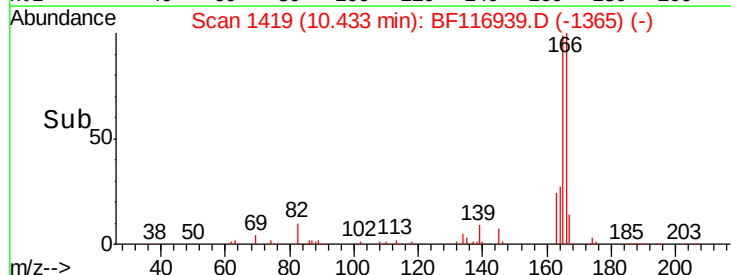
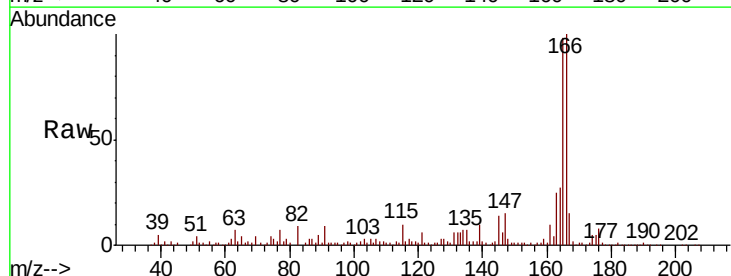
RT: 10.43 min Scan# 1419

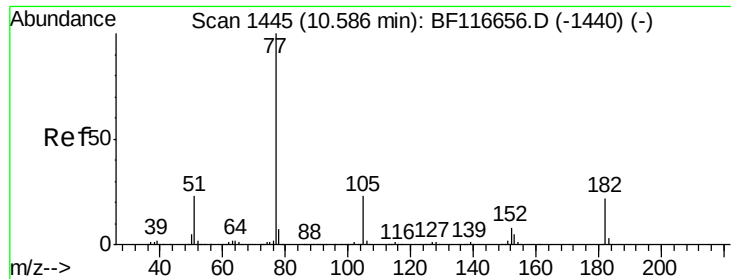
Delta R.T. 0.02 min

Lab File: BF116939.D

Acq: 10 Sep 2019 23:21

Tgt Ion:166	Resp:	231808
Ion Ratio	Lower	Upper
166	100	
165	97.9	78.8 118.2
167	15.4	10.0 15.0#





#63

Azobenzene

Concen: 7.719 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.01 min

Lab File: BF116939.D

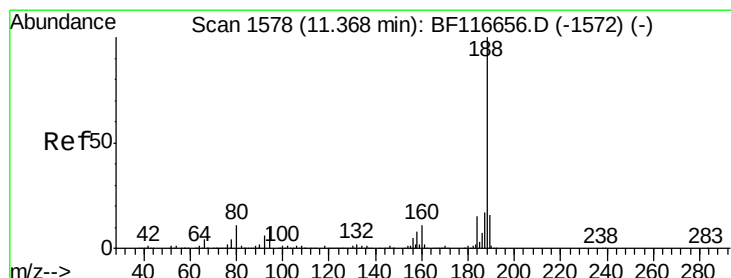
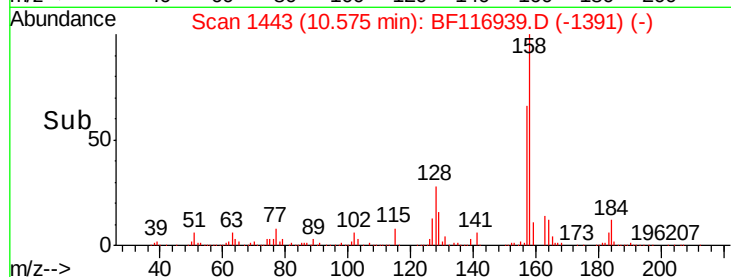
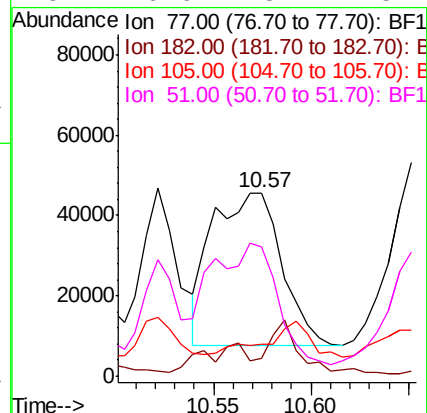
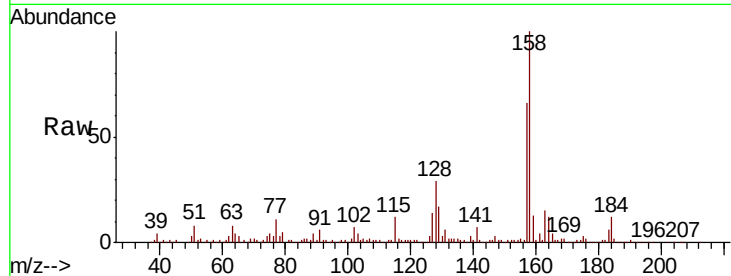
Acq: 10 Sep 2019 23:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	77	Resp:	93259
Ion	Ratio	Lower	Upper
77	100		
182	9.9	1.2	41.2
105	17.5	0.6	40.6
51	70.6	8.2	48.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

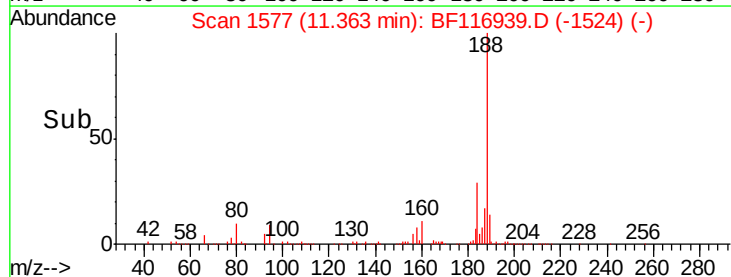
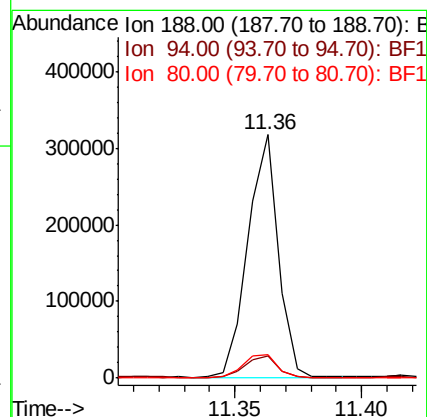
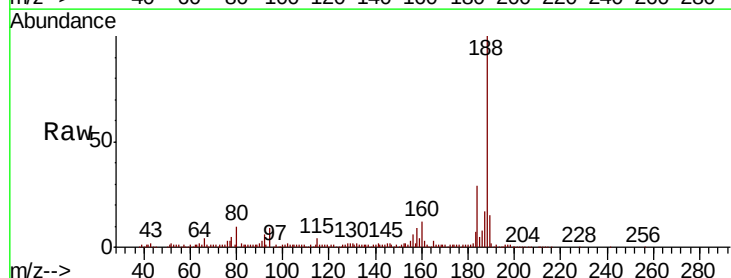
RT: 11.36 min Scan# 1577

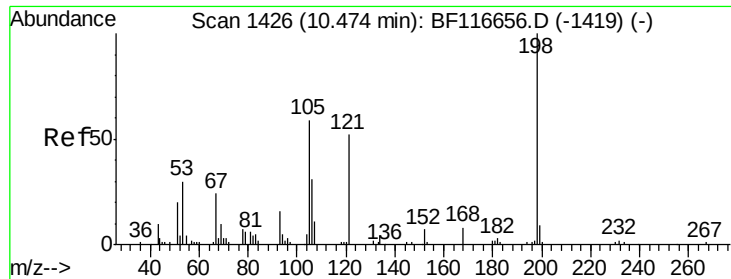
Delta R.T. 0.01 min

Lab File: BF116939.D

Acq: 10 Sep 2019 23:21

Tgt Ion:	188	Resp:	262692
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.3	10.9
80	9.8	8.4	12.6

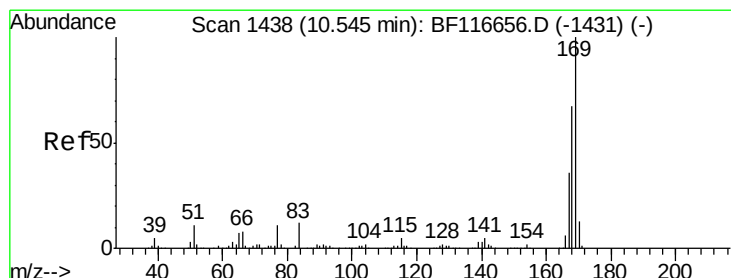
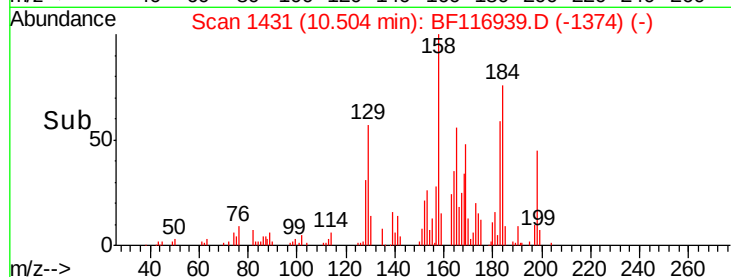
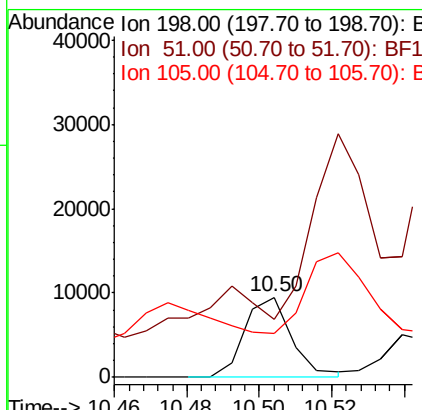
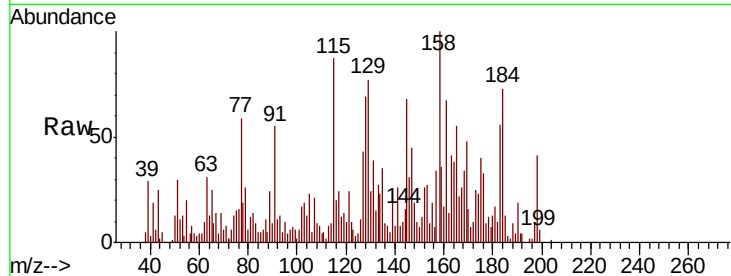




#65
4,6-Dinitro-2-methylphenol
Concen: 14.948 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.04 min
Lab File: BF116939.D
Acq: 10 Sep 2019 23:21

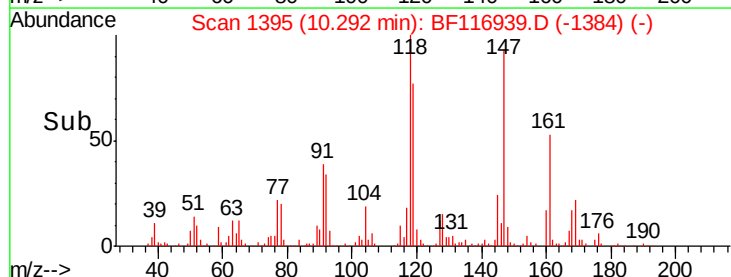
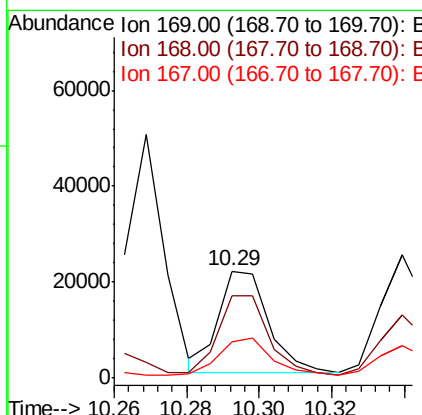
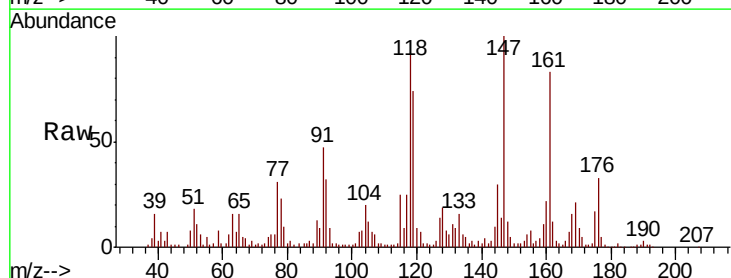
Instrument :
BNA_F
ClientSampleId :

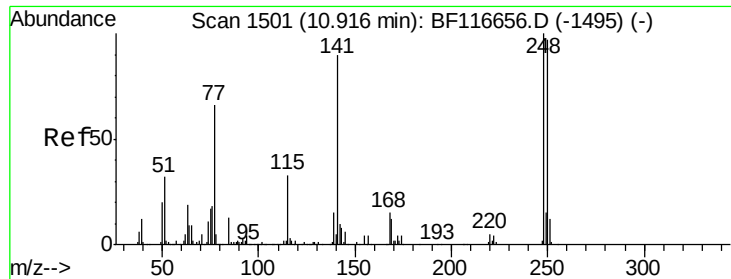
Tot Ion	198	51	105
Resp:	8586		
Ion Ratio	100	71.8	54.4
Lower		18.4	22.9
Upper		58.4	62.9



#66
n-Nitrosodiphenylamine
Concen: 2.265 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.24 min
Lab File: BF116939.D
Acq: 10 Sep 2019 23:21

Tgt Ion	169	168	167
Resp:	20587		
Ion Ratio	100	76.8	33.6
Lower		55.8	29.4
Upper		83.6	44.2

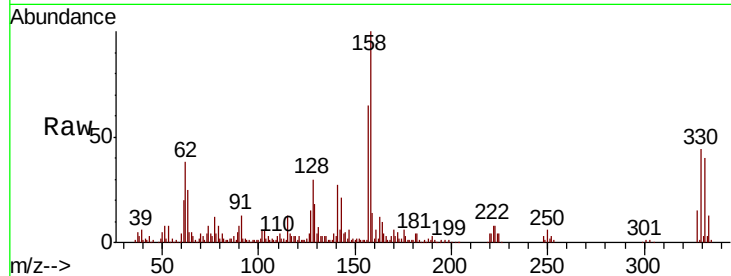




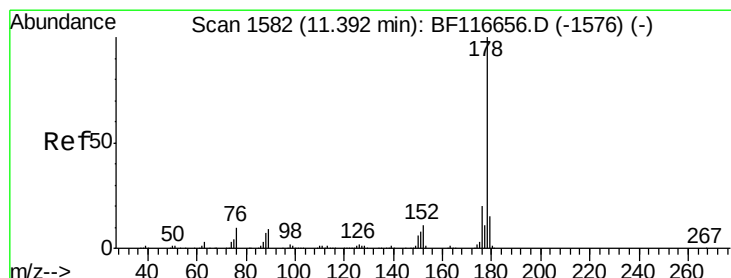
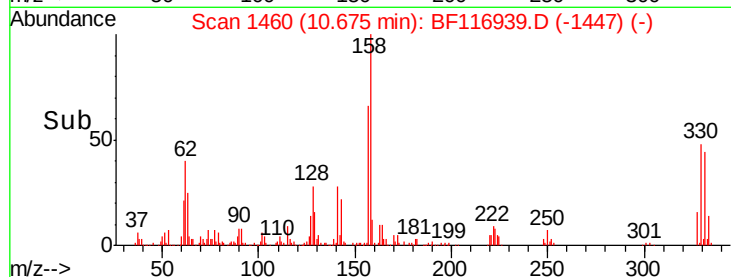
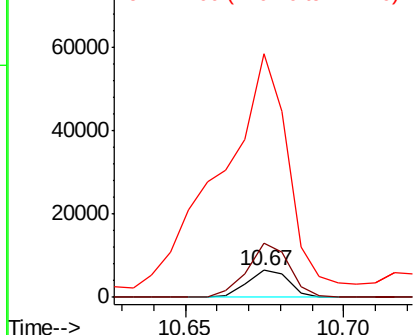
#67
4-Bromophenyl-phenylether
Concen: 2.253 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.22 min
Lab File: BF116939.D
Acq: 10 Sep 2019 23:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 6013
Ion Ratio Lower Upper
248 100
250 197.9 77.8 116.8#
141 894.7 75.9 113.9#

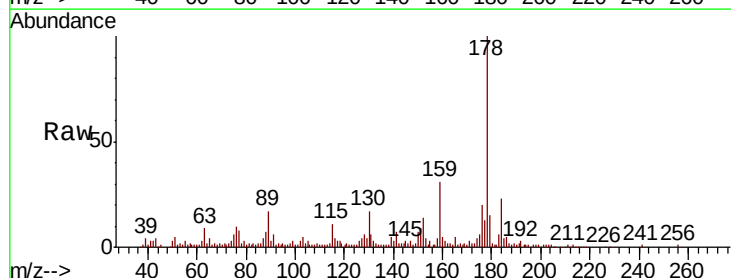


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

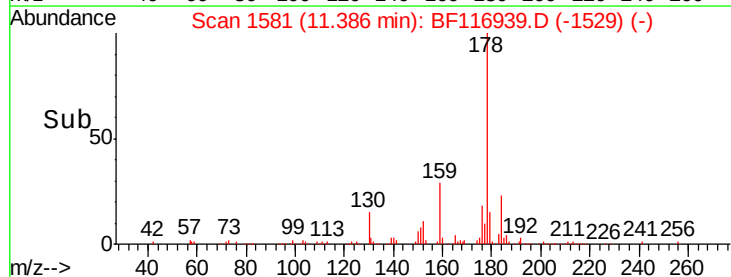
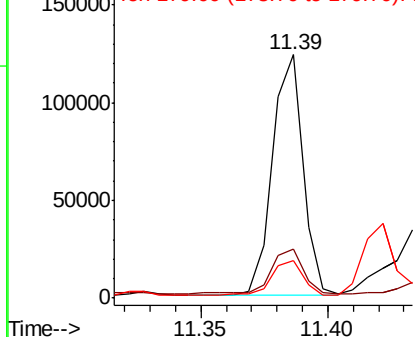


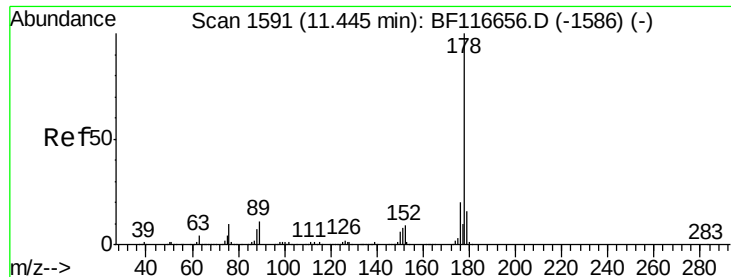
#71
Phenanthrene
Concen: 7.011 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF116939.D
Acq: 10 Sep 2019 23:21

Tgt Ion:178 Resp: 102516
Ion Ratio Lower Upper
178 100
176 20.4 15.4 23.0
179 15.5 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 6.964 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.04 min

Lab File: BF116939.D

Acq: 10 Sep 2019 23:21

Instrument :

BNA_F

ClientSampleId :

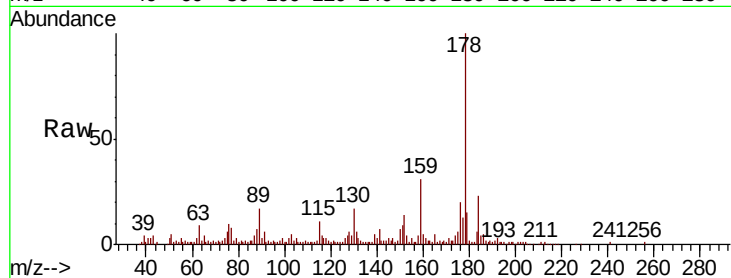
Tot Ion:178 Resp: 102516

Ion Ratio Lower Upper

178 100

176 20.4 15.4 23.0

179 15.5 12.5 18.7

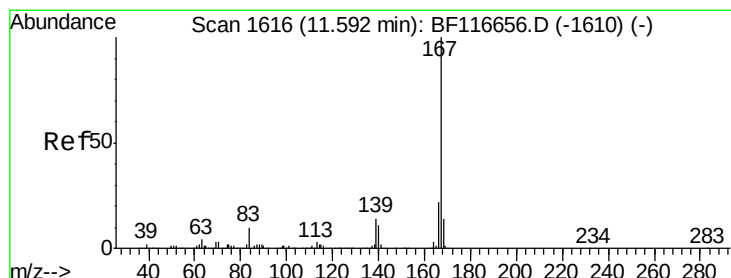
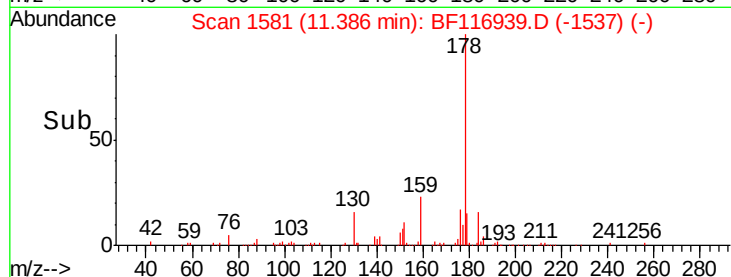
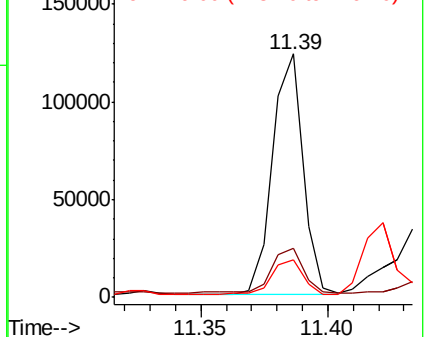


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 13.598 ng

RT: 11.60 min Scan# 1617

Delta R.T. 0.02 min

Lab File: BF116939.D

Acq: 10 Sep 2019 23:21

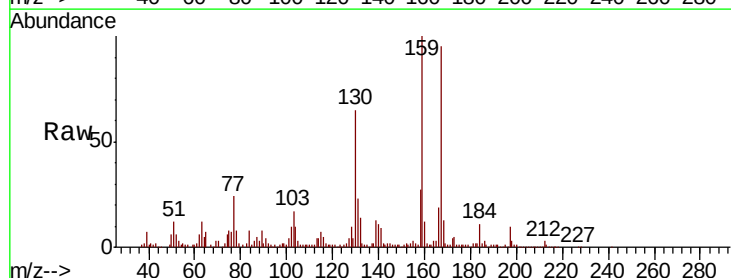
Tgt Ion:167 Resp: 190670

Ion Ratio Lower Upper

167 100

166 20.5 17.8 26.6

139 14.0 11.1 16.7

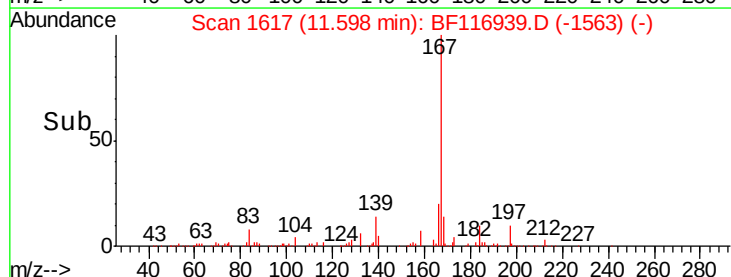
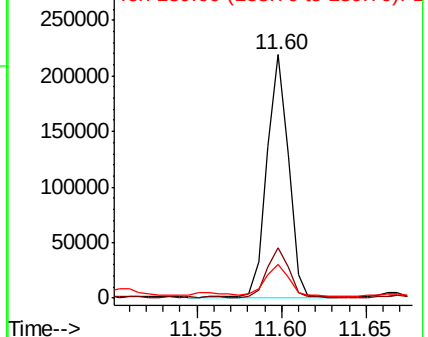


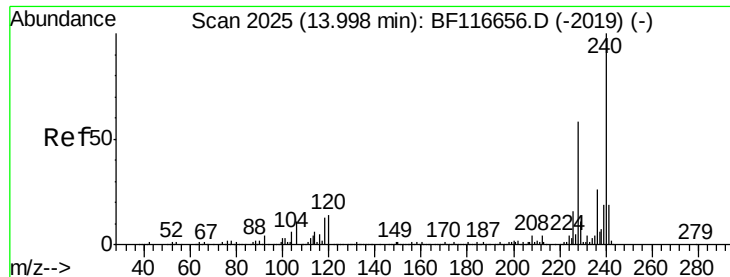
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

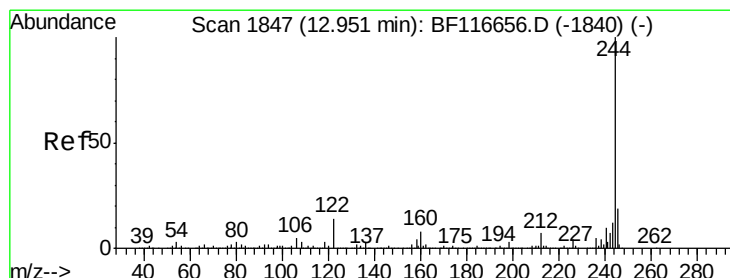
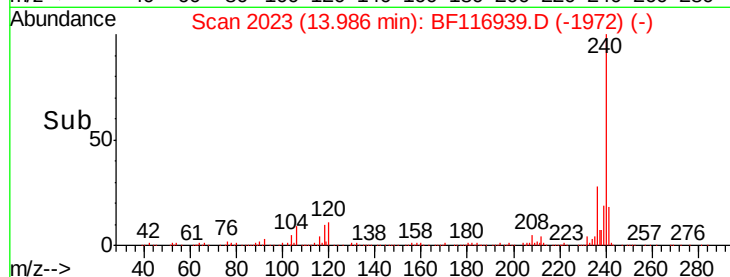
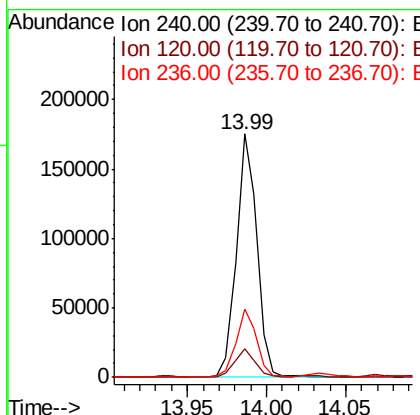
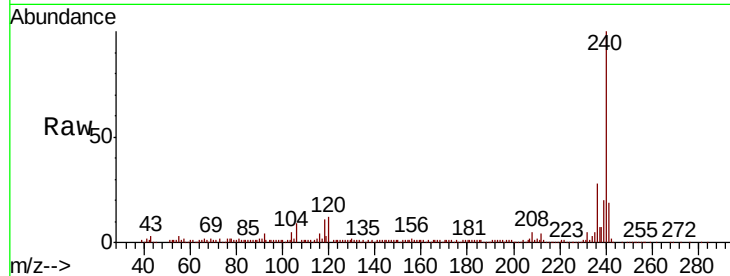




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.00 min
 Lab File: BF116939.D
 Acq: 10 Sep 2019 23:21

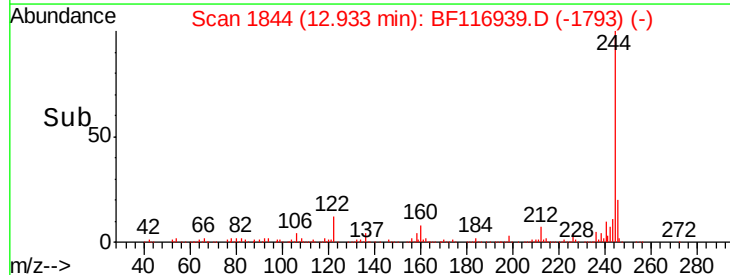
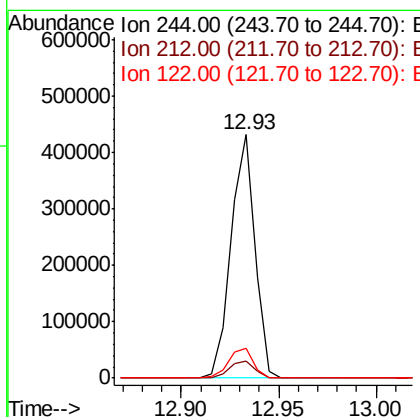
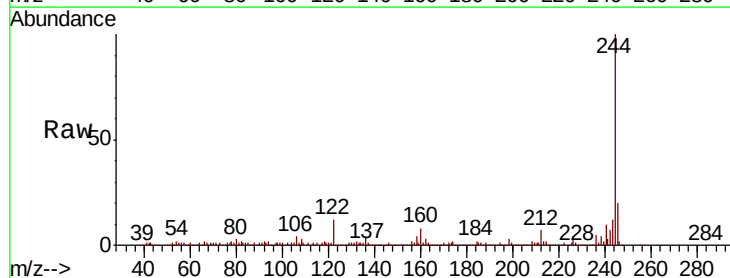
Instrument :
 BNA_F
 ClientSampleId :

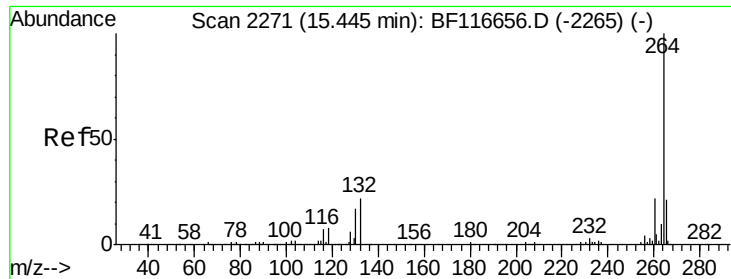
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.1	13.7
236	27.9	21.1	31.7



#79
 Terphenyl-d14
 Concen: 43.176 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BF116939.D
 Acq: 10 Sep 2019 23:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	12.1	10.2	15.4

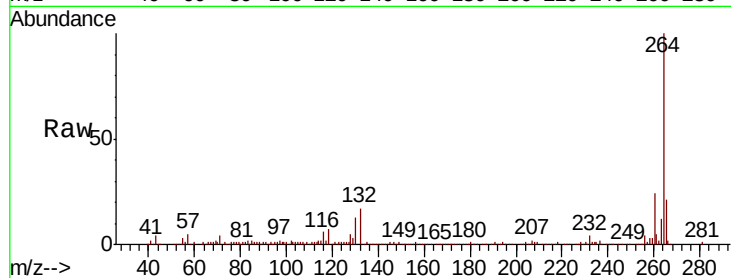




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF116939.D
Acq: 10 Sep 2019 23:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.3	27.5
265	20.6	16.5	24.7



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

