

Data File : BF115259.D
Acq On : 28 Jun 2019 2:41
Operator : HP/JU
Sample : K3507-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-062619-A

Quant Time: Jun 28 05:06:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	228233	20.00	ng	-0.02
21) Naphthalene-d8	7.88	136	897545	20.00	ng	-0.02
39) Acenaphthene-d10	9.62	164	440461	20.00	ng	-0.02
64) Phenanthrene-d10	11.09	188	889081	20.00	ng	-0.02
76) Chrysene-d12	13.72	240	659422	20.00	ng	-0.03
87) Perylene-d12	15.08	264	483175	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	683816	46.24	ng	-0.02
7) Phenol-d6	6.24	99	868735	48.39	ng	-0.02
23) Nitrobenzene-d5	7.15	82	485305	33.26	ng	-0.03
42) 2,4,6-Tribromophenol	10.41	330	248363	53.47	ng	-0.02
45) 2-Fluorobiphenyl	8.95	172	993543	38.32	ng	-0.03
79) Terphenyl-d14	12.68	244	1174864	37.88	ng	-0.03

Target Compounds				Qvalue		
3) Pyridine	2.89	79	110	0.006	ng	# 26
4) n-Nitrosodimethylamine	3.04	42	109	0.014	ng	# 1
6) Aniline	6.25	93	114	0.005	ng	# 1
8) 2-Chlorophenol	6.38	128	294	0.018	ng	# 1
9) Benzaldehyde	6.14	77	686	0.059	ng	# 43
10) Phenol	6.25	94	8269	0.393	ng	93
11) bis(2-Chloroethyl)ether	6.37	93	1101	0.071	ng	# 1
15) Benzyl Alcohol	6.75	79	8839	0.676	ng	# 40
16) 2,2'-oxybis(1-Chloropropan	6.64	45	110	0.005	ng	67
18) Hexachloroethane	7.09	117	109	0.016	ng	# 1
19) n-Nitroso-di-n-propylamine	7.15	70	62183	5.411	ng	# 81
22) Acetophenone	7.00	105	471	0.023	ng	# 44
24) Nitrobenzene	7.15	77	1701	0.106	ng	# 33
25) Isophorone	7.15	82	480994	16.092	ng	# 63
27) 2,4-Dimethylphenol	7.60	122	114	0.009	ng	# 6
28) bis(2-Chloroethoxy)methane	7.48	93	133	0.007	ng	# 49
31) Naphthalene	7.90	128	2810	0.064	ng	98
32) Benzoic acid	7.60	122	114	0.012	ng	# 83
33) 4-Chloroaniline	7.90	127	331	0.016	ng	# 26
35) Caprolactam	8.32	113	131	0.029	ng	# 1
36) 4-Chloro-3-methylphenol	8.43	107	126	0.009	ng	# 17
37) 2-Methylnaphthalene	8.59	142	4411	0.148	ng	88
38) 1-Methylnaphthalene	8.69	142	3122	0.110	ng	# 94
46) 1,1'-Biphenyl	9.05	154	2519	0.071	ng	98
47) 2-Chloronaphthalene	9.12	162	420	0.015	ng	# 39
48) 2-Nitroaniline	9.14	65	114	0.014	ng	# 1
49) Acenaphthylene	9.48	152	7152	0.161	ng	# 94
50) Dimethylphthalate	9.35	163	198498	6.125	ng	99
51) 2,6-Dinitrotoluene	9.35	165	2456	0.328	ng	# 29
52) Acenaphthene	9.65	154	2715	0.097	ng	# 81
55) Dibenzofuran	9.82	168	3278	0.082	ng	# 75
56) 4-Nitrophenol	9.73	139	491	0.067	ng	# 1
57) 2,4-Dinitrotoluene	9.62	165	57739	5.977	ng	# 30
58) Fluorene	10.17	166	6557	Below Cal		98

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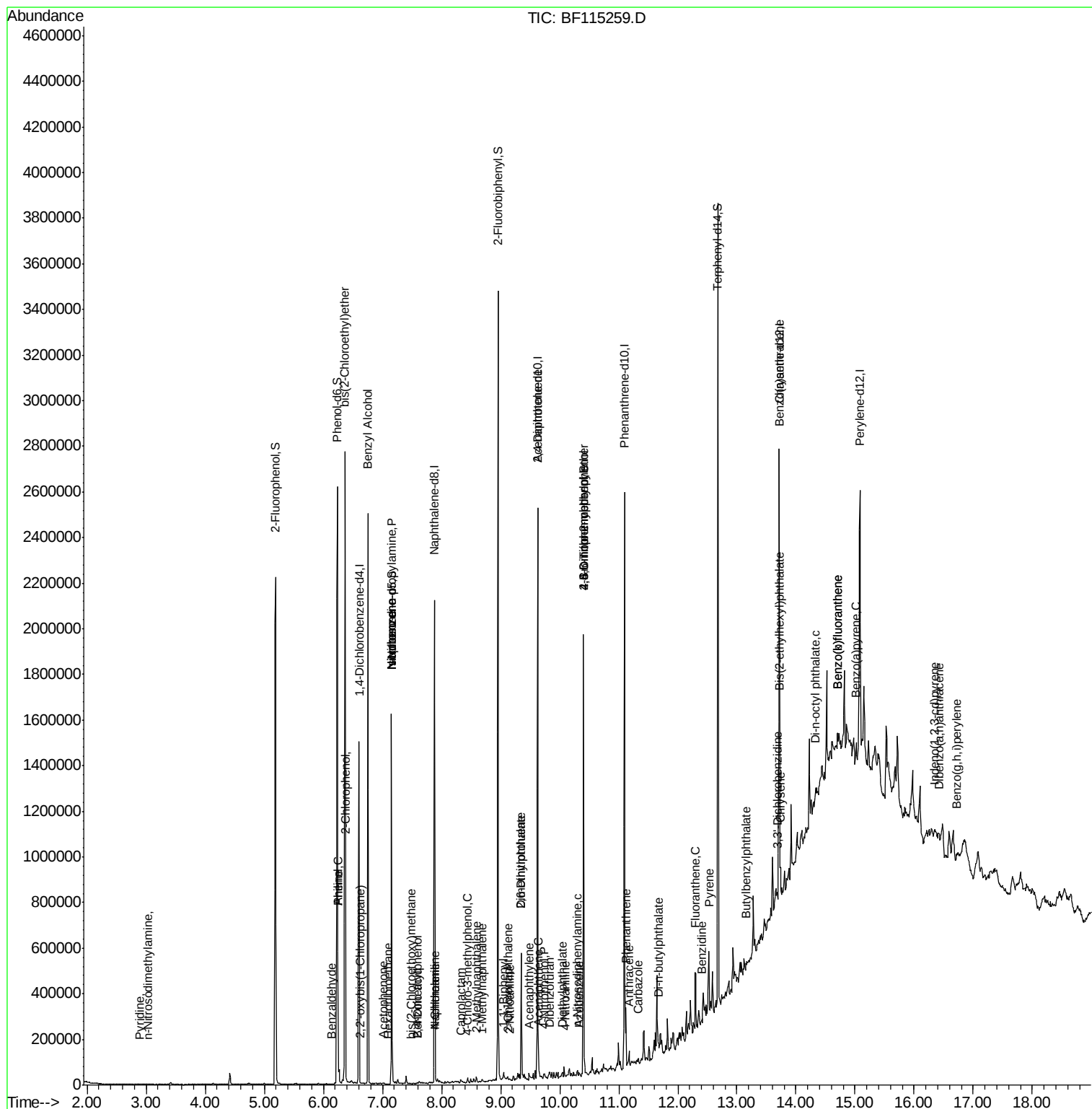
Quant Time: Jun 28 05:06:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
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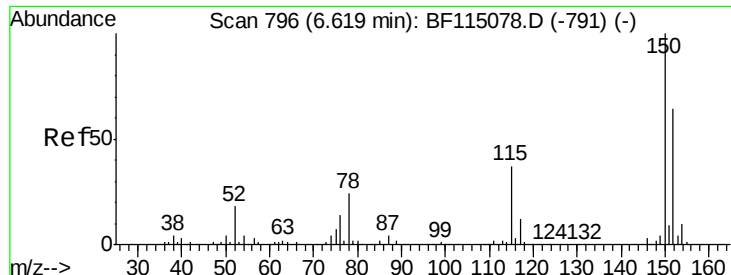
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) Diethylphthalate	10.05	149	592	0.018	ng	# 45
61) 4-Chlorophenyl-phenylether	10.37	204	149	Below Cal	#	34
62) 4-Nitroaniline	10.10	138	108	0.012	ng	# 24
63) Azobenzene	10.32	77	481	0.016	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.40	198	431	5.042	ng	# 1
66) n-Nitrosodiphenylamine	10.28	169	2806	0.101	ng	# 63
67) 4-Bromophenyl-phenylether	10.40	248	15408	1.598	ng	# 1
71) Phenanthrene	11.12	178	83097	1.736	ng	# 96
72) Anthracene	11.17	178	18450	0.382	ng	# 96
73) Carbazole	11.32	167	6039	0.140	ng	# 85
74) Di-n-butylphthalate	11.67	149	4547	0.091	ng	# 85
75) Fluoranthene	12.29	202	111639	2.337	ng	# 98
77) Benzidine	12.41	184	513	0.018	ng	# 1
78) Pyrene	12.52	202	110820	2.187	ng	# 98
80) Butylbenzylphthalate	13.15	149	515	0.023	ng	# 50
81) Benzo(a)anthracene	13.71	228	49228	1.040	ng	# 83
82) 3,3'-Dichlorobenzidine	13.69	252	1224	0.072	ng	# 71
83) Chrysene	13.74	228	56766	1.310	ng	# 85
84) Bis(2-ethylhexyl)phthalate	13.73	149	4963	0.169	ng	# 68
85) Di-n-octyl phthalate	14.34	149	1794	0.036	ng	# 1
86) Indeno(1,2,3-cd)pyrene	16.34	276	17223	0.336	ng	# 93
88) Benzo(b)fluoranthene	14.71	252	58765	1.949	ng	# 62
89) Benzo(k)fluoranthene	14.71	252	58765	2.174	ng	# 65
90) Benzo(a)pyrene	15.02	252	30015	1.105	ng	# 58
91) Dibenzo(a,h)anthracene	16.42	278	2205	0.087	ng	# 1
92) Benzo(g,h,i)perylene	16.72	276	20119	0.784	ng	# 69

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

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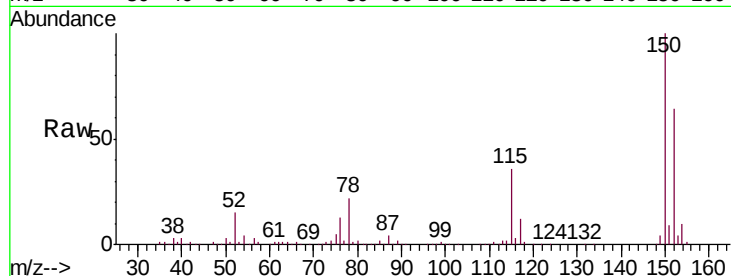


#1

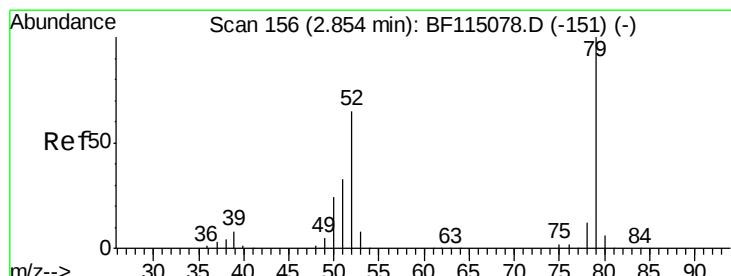
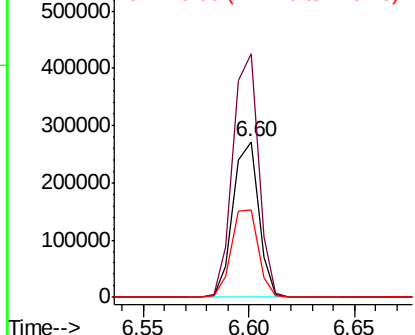
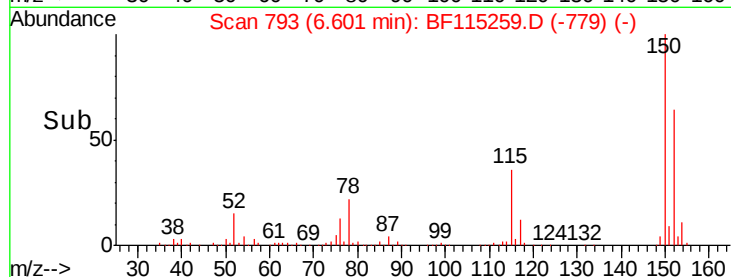
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. -0.02 min
Lab File: BF115259.D
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.2	186.2
115	56.2	46.1	69.1



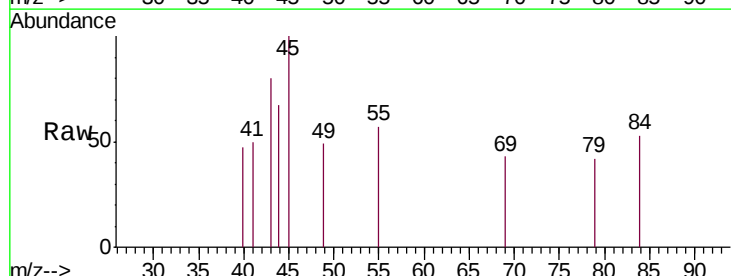
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



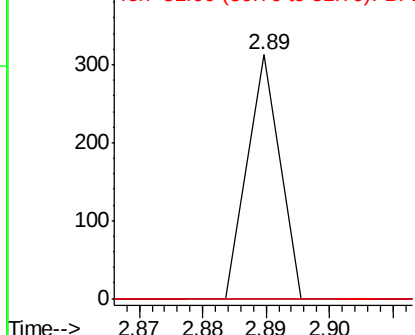
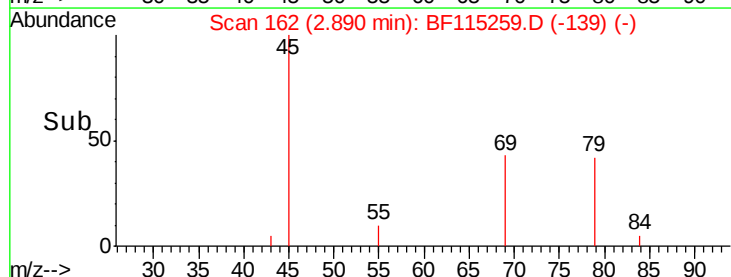
#3

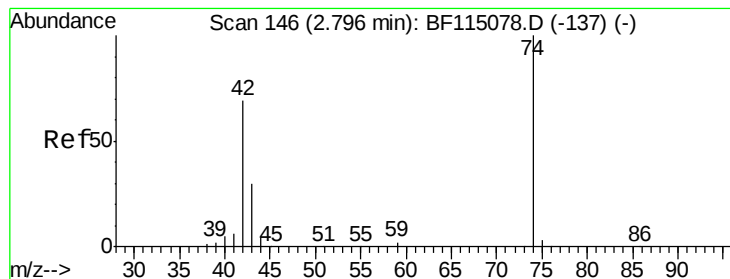
Pyridine
Concen: 0.006 ng
RT: 2.89 min Scan# 162
Delta R.T. 0.04 min
Lab File: BF115259.D
Acq: 28 Jun 2019 2:41

Tgt Ion	Ratio	Lower	Upper
79	100		
52	0.0	52.3	78.5#
51	0.0	26.1	39.1#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1





#4

n-Nitrosodimethylamine

Concen: 0.014 ng

RT: 3.04 min Scan# 188

Delta R.T. 0.25 min

Lab File: BF115259.D

Acq: 28 Jun 2019 2:41

Instrument :

BNA_F

ClientSampleId :

NB-07-062619-A

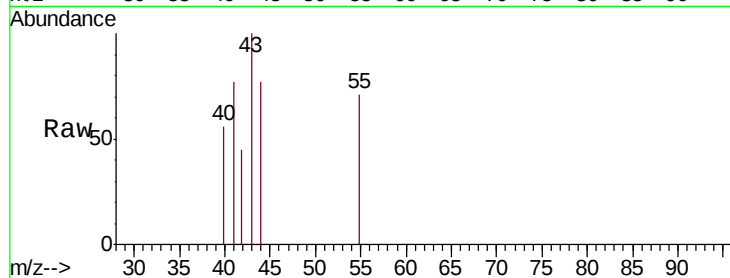
Tgt Ion: 42 Resp: 109

Ion Ratio Lower Upper

42 100

74 0.0 116.6 175.0#

44 171.2 5.3 7.9#

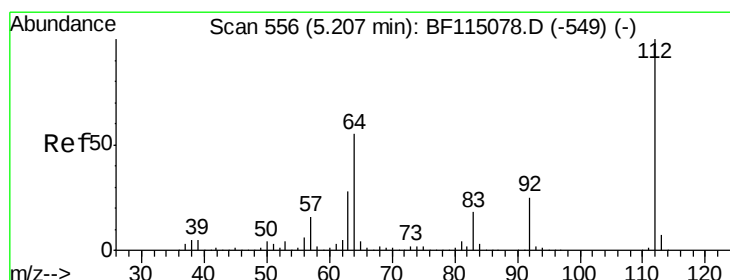
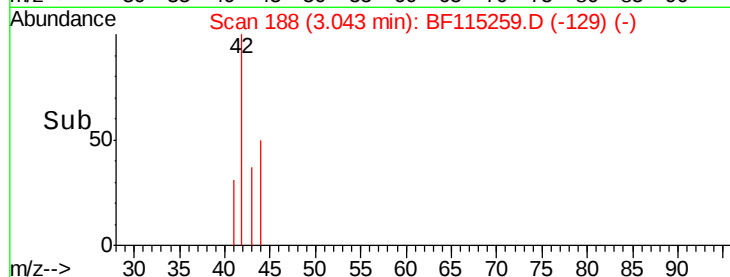
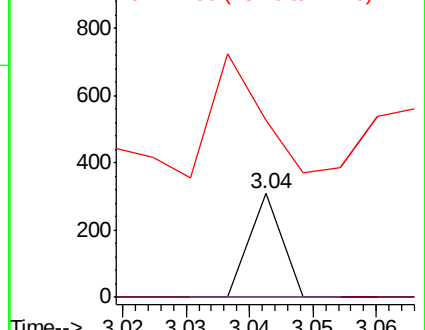


Abundance

Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1



#5

2-Fluorophenol

Concen: 46.235 ng

RT: 5.19 min Scan# 553

Delta R.T. -0.02 min

Lab File: BF115259.D

Acq: 28 Jun 2019 2:41

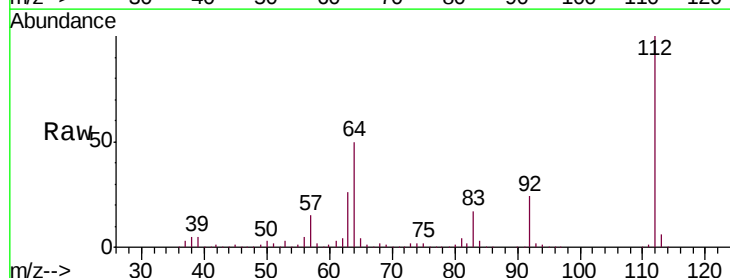
Tgt Ion: 112 Resp: 683816

Ion Ratio Lower Upper

112 100

64 50.4 43.8 65.6

63 25.9 22.2 33.4

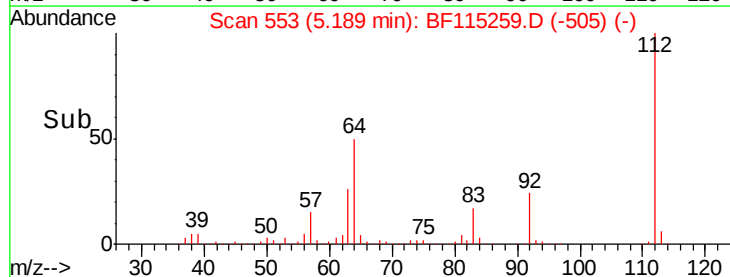
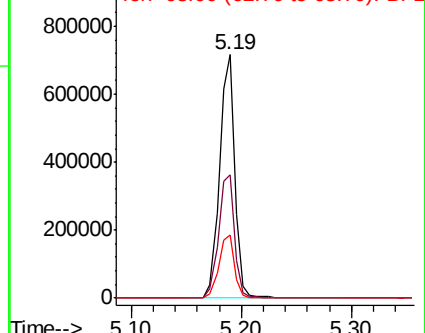


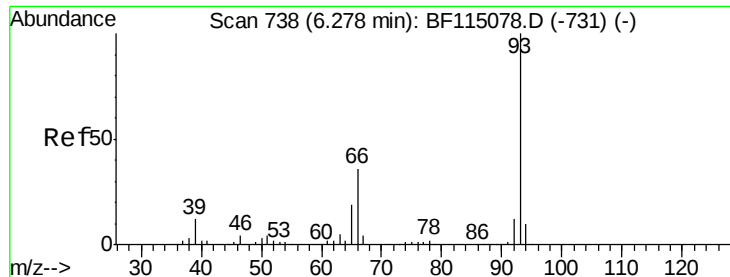
Abundance

Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#6

Aniline

Concen: 0.005 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF115259.D

Acq: 28 Jun 2019 2:41

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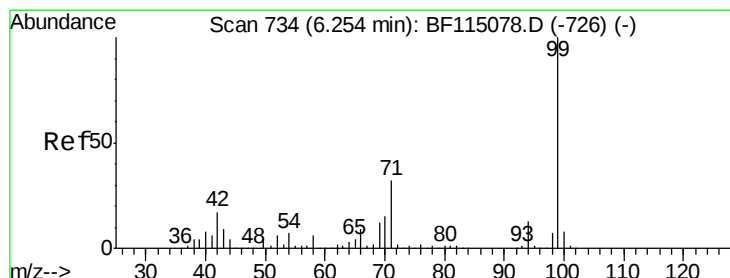
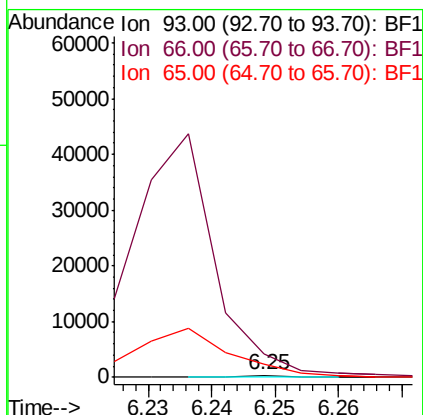
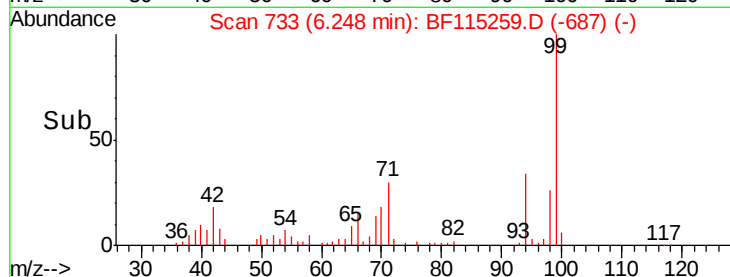
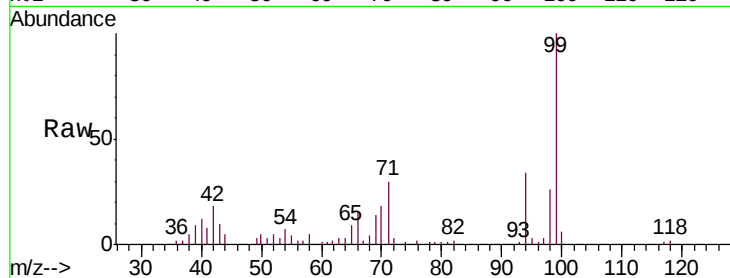
Tgt Ion: 93 Resp: 114

Ion Ratio Lower Upper

93 100

66 1332.9 30.0 45.0#

65 761.5 15.6 23.4#



#7

Phenol-d6

Concen: 48.394 ng

RT: 6.24 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF115259.D

Acq: 28 Jun 2019 2:41

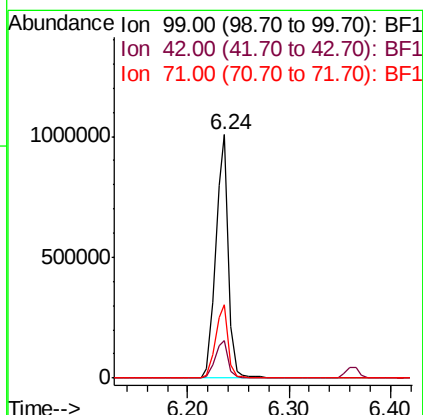
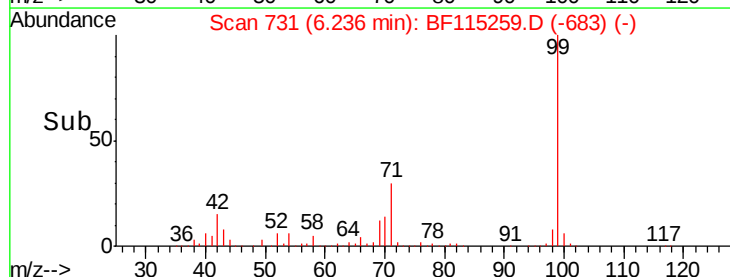
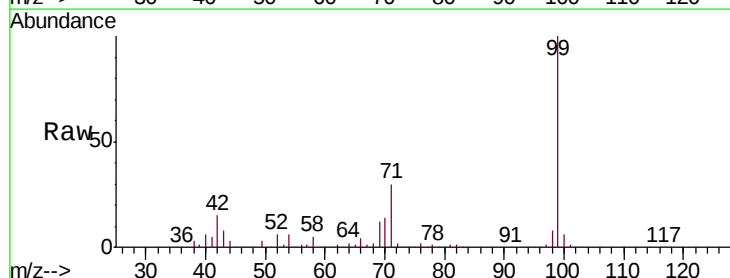
Tgt Ion: 99 Resp: 868735

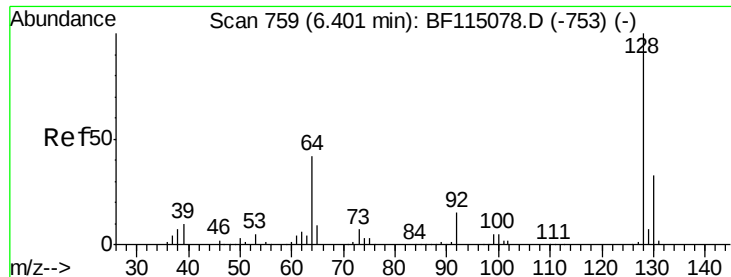
Ion Ratio Lower Upper

99 100

42 15.4 13.6 20.4

71 30.3 25.5 38.3





#8

2-Chlorophenol

Concen: 0.018 ng

RT: 6.38 min Scan# 755

Delta R.T. -0.02 min

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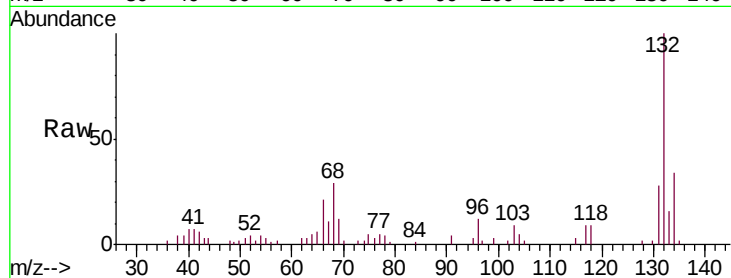
Tgt Ion:128 Resp: 294

Ion Ratio Lower Upper

128 100

130 73.9 12.9 52.9#

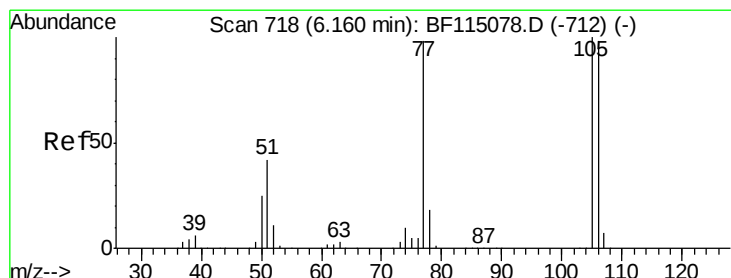
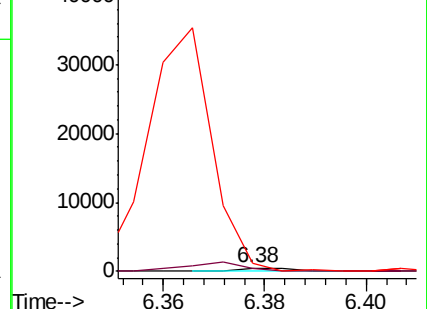
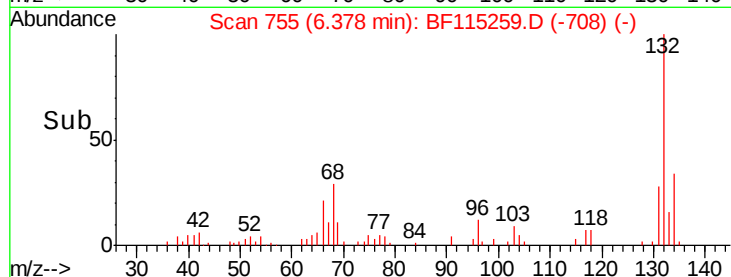
64 245.9 22.9 62.9#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



#9

Benzaldehyde

Concen: 0.059 ng

RT: 6.14 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF115259.D

Acq: 28 Jun 2019 2:41

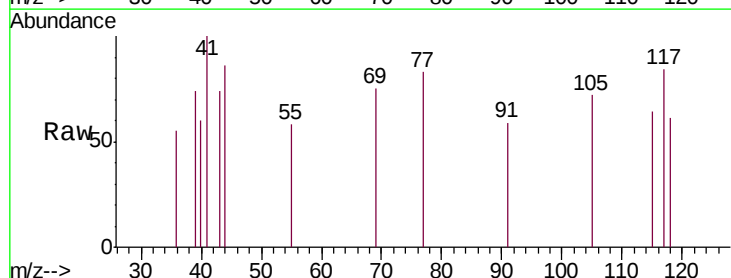
Tgt Ion: 77 Resp: 686

Ion Ratio Lower Upper

77 100

105 86.5 81.5 121.5

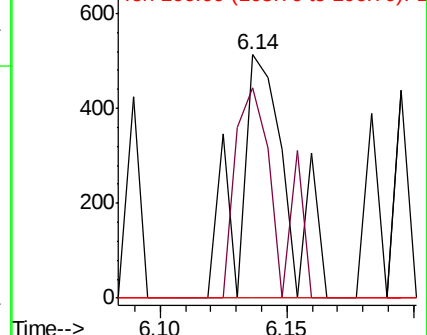
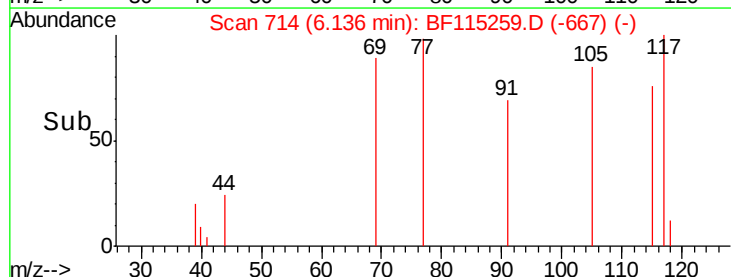
106 0.0 79.7 119.7#

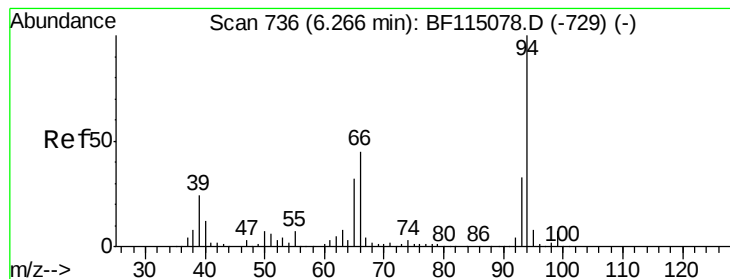


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.393 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.02 min

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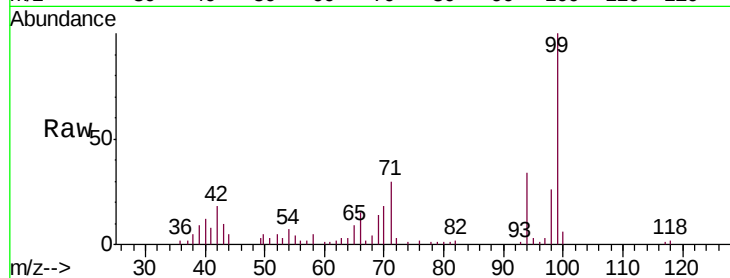
Tgt Ion: 94 Resp: 8269

Ion Ratio Lower Upper

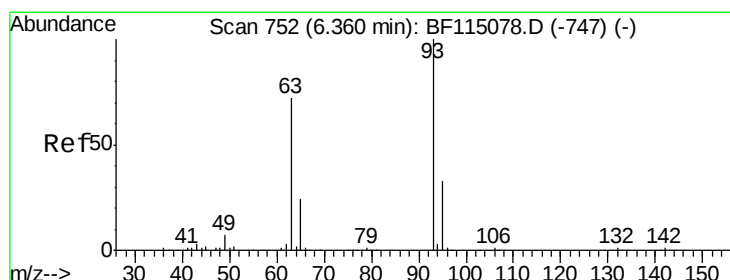
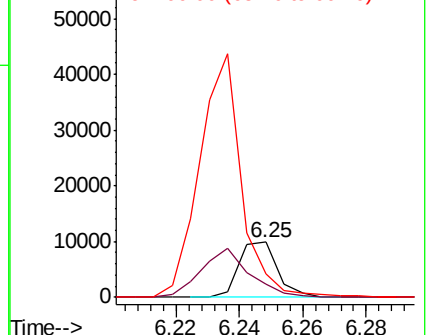
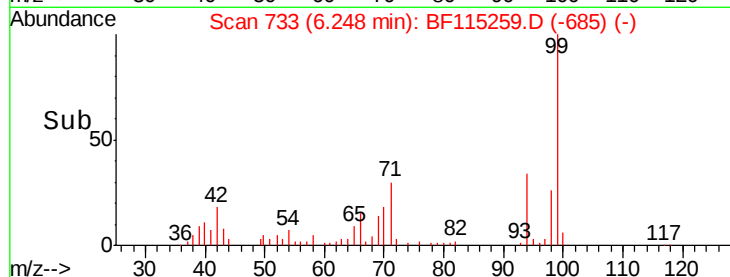
94 100

65 24.9 11.9 51.9

66 43.5 25.2 65.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#11

bis(2-Chloroethyl)ether

Concen: 0.071 ng

RT: 6.37 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF115259.D

Acq: 28 Jun 2019 2:41

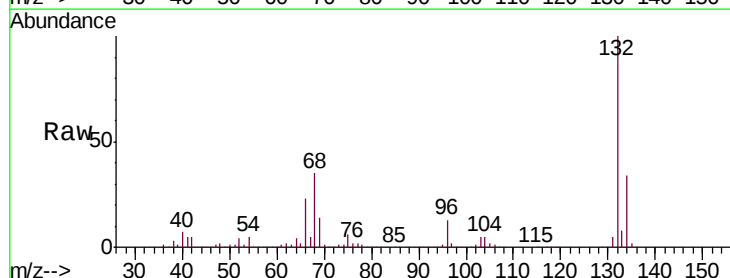
Tgt Ion: 93 Resp: 1101

Ion Ratio Lower Upper

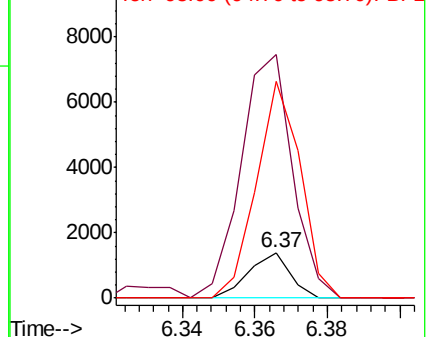
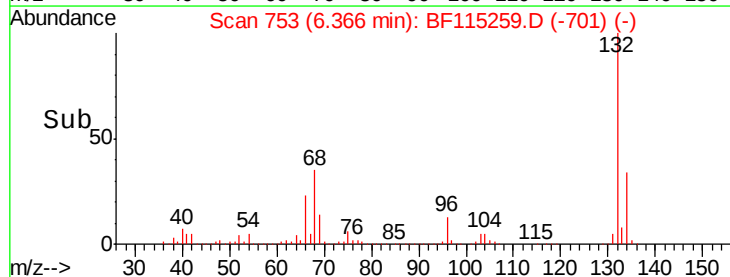
93 100

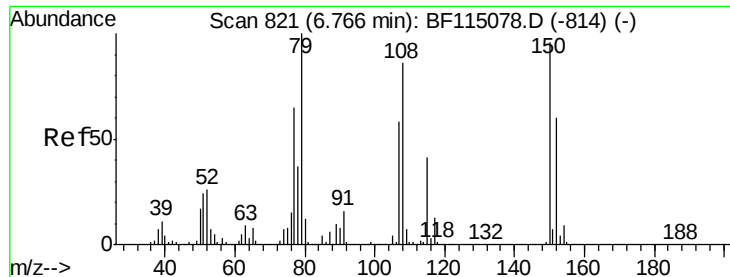
63 537.0 51.5 91.5#

95 477.7 13.4 53.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1





#15

Benzyl Alcohol

Concen: 0.676 ng

RT: 6.75 min Scan# 819

Delta R.T. -0.01 min

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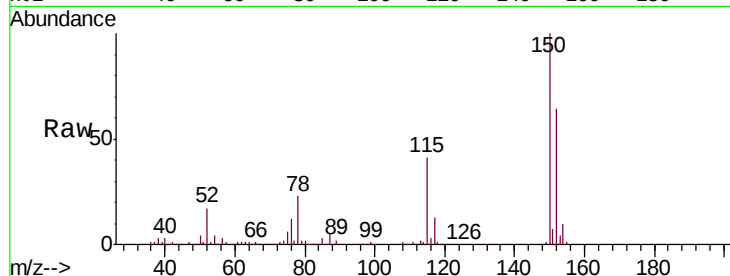
Tgt Ion: 79 Resp: 8839

Ion Ratio Lower Upper

79 100

108 35.1 68.7 103.1#

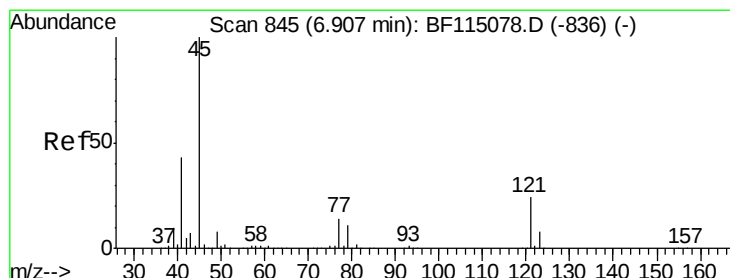
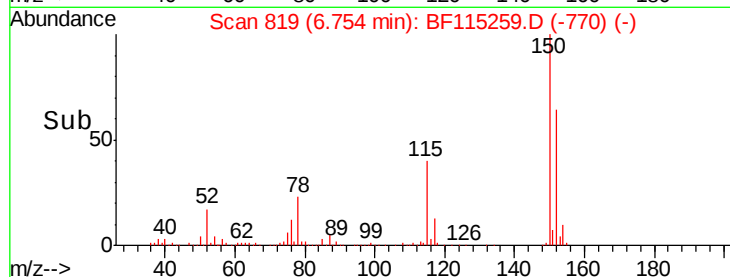
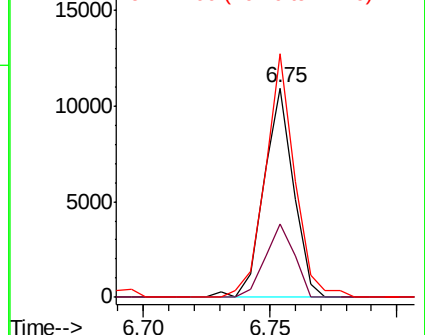
77 116.4 51.7 77.5#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.005 ng

RT: 6.64 min Scan# 799

Delta R.T. -0.27 min

Lab File: BF115259.D

Acq: 28 Jun 2019 2:41

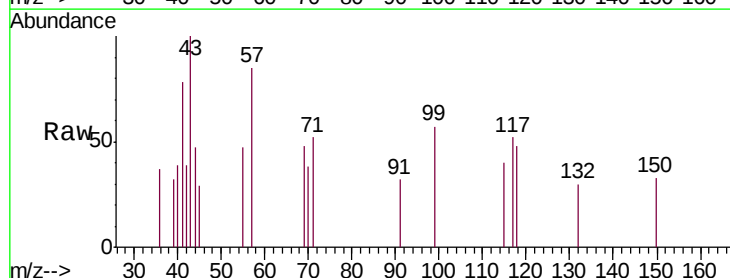
Tgt Ion: 45 Resp: 110

Ion Ratio Lower Upper

45 100

77 0.0 0.0 34.6

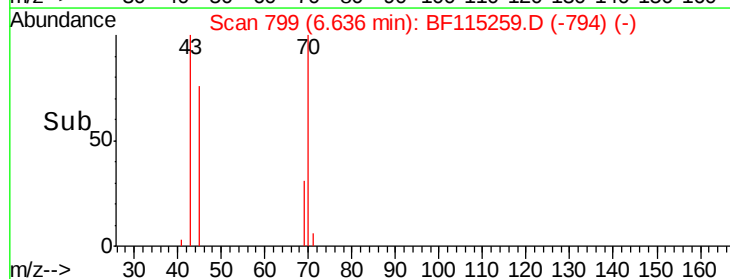
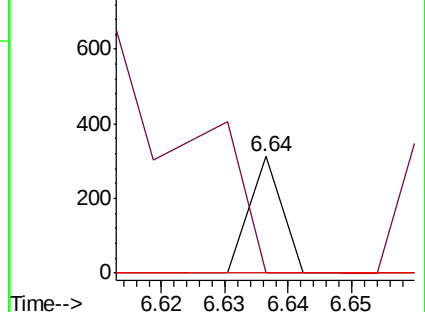
79 0.0 0.0 31.2

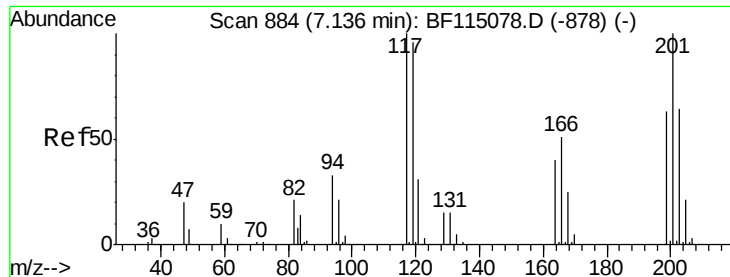


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

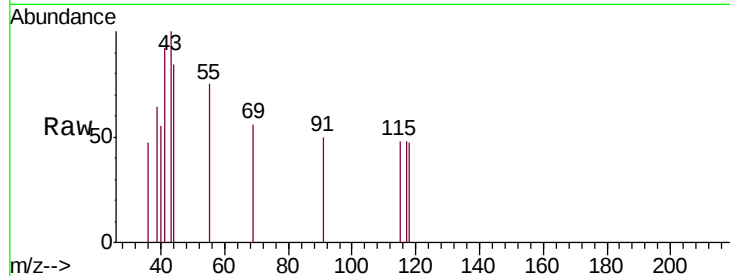




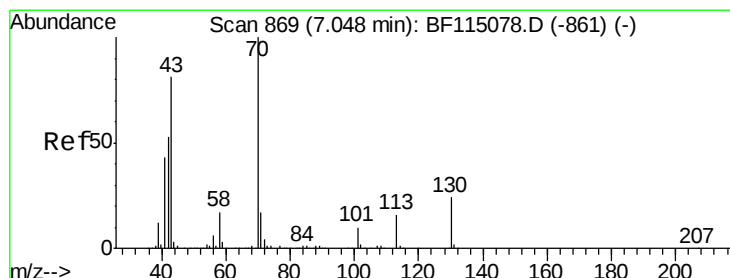
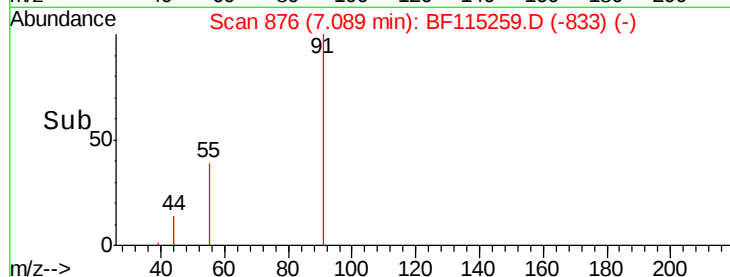
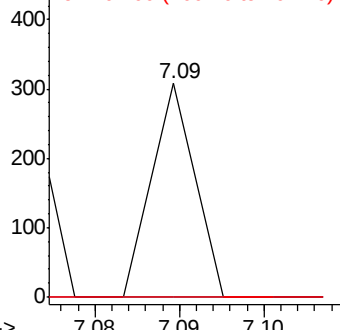
#18
Hexachloroethane
Concen: 0.016 ng
RT: 7.09 min Scan# 876
Delta R.T. -0.05 min
Lab File: BF115259.D
Acq: 28 Jun 2019 2:41

Instrument :
BNA_F
ClientSampleId :
NB-07-062619-A

Tgt Ion:117 Resp: 109
Ion Ratio Lower Upper
117 100
119 0.0 76.6 114.8#
201 0.0 80.2 120.2#

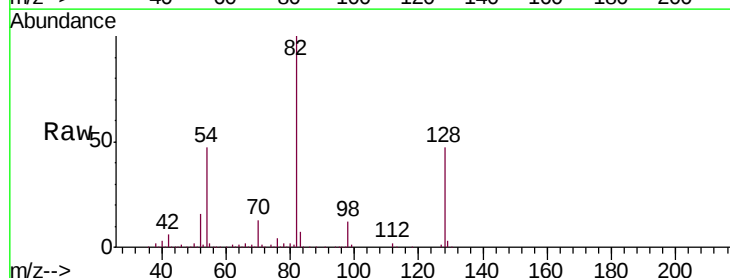


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

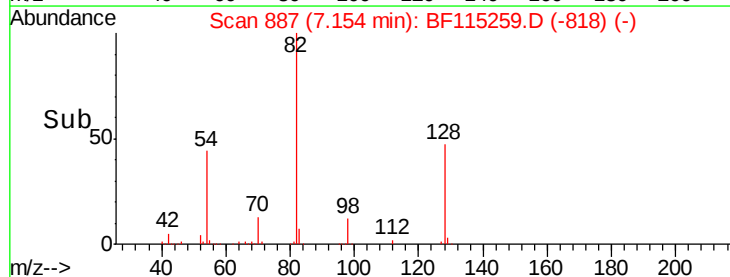
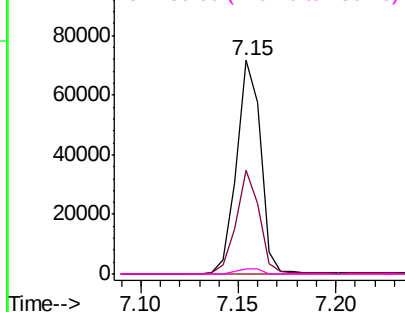


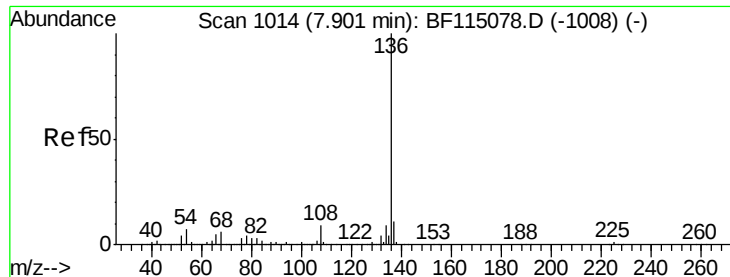
#19
n-Nitroso-di-n-propylamine
Concen: 5.411 ng
RT: 7.15 min Scan# 887
Delta R.T. 0.11 min
Lab File: BF115259.D
Acq: 28 Jun 2019 2:41

Tgt Ion: 70 Resp: 62183
Ion Ratio Lower Upper
70 100
42 48.6 42.6 63.8
101 0.0 8.0 12.0#
130 2.5 19.4 29.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

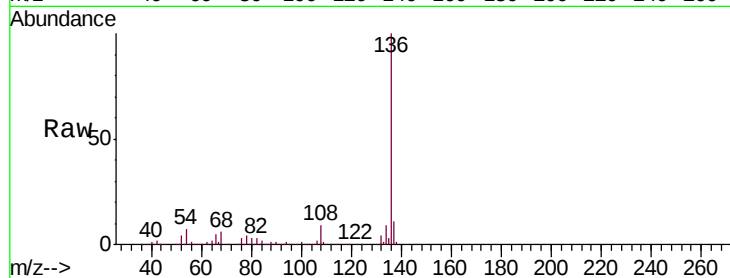




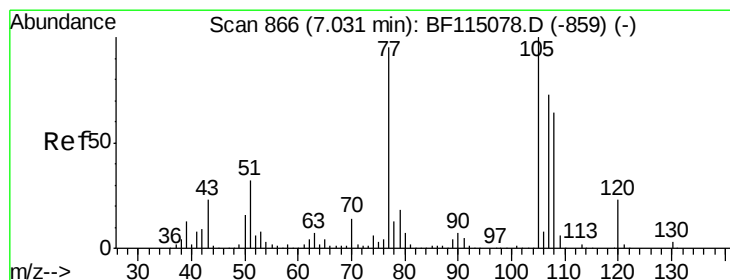
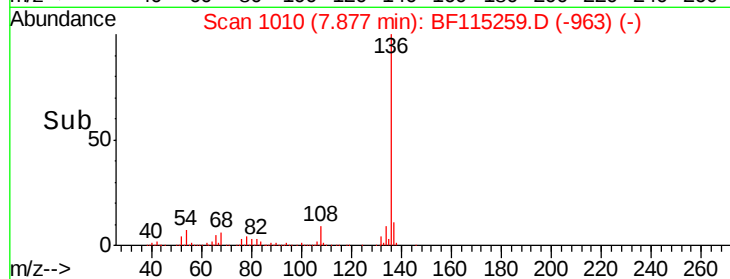
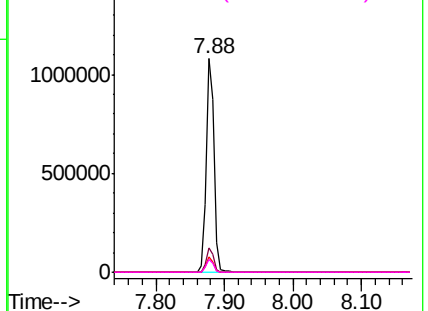
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BF115259.D
Acq: 28 Jun 2019 2:41

Instrument :
BNA_F
ClientSampleId :
NB-07-062619-A

Tgt Ion:	136	Resp:	897545
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.3	5.6	8.4
68	6.1	4.8	7.2

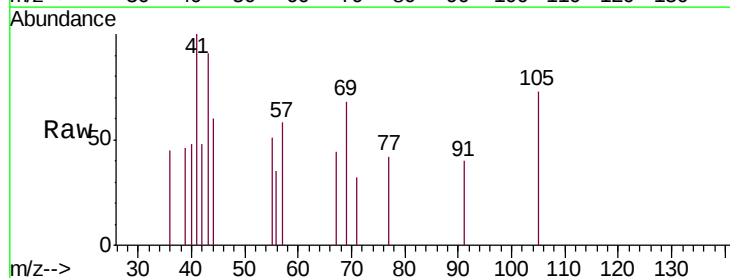


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

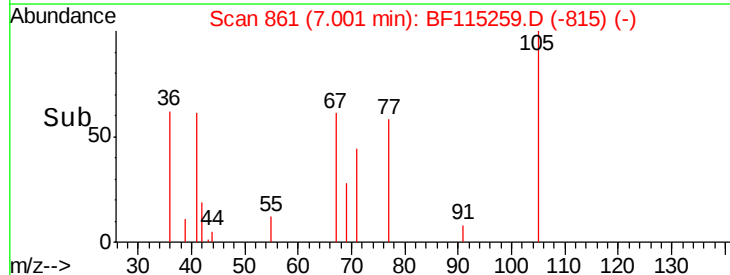
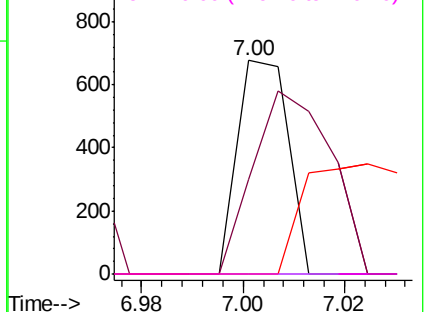


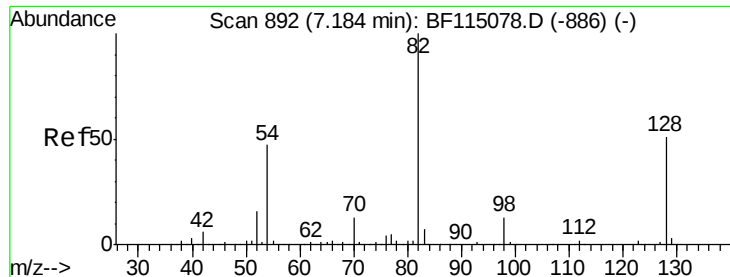
#22
Acetophenone
Concen: 0.023 ng
RT: 7.00 min Scan# 861
Delta R.T. -0.03 min
Lab File: BF115259.D
Acq: 28 Jun 2019 2:41

Tgt Ion:	105	Resp:	471
Ion	Ratio	Lower	Upper
105	100		
71	44.5	1.9	2.9#
51	0.0	25.8	38.8#
120	0.0	18.5	27.7#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

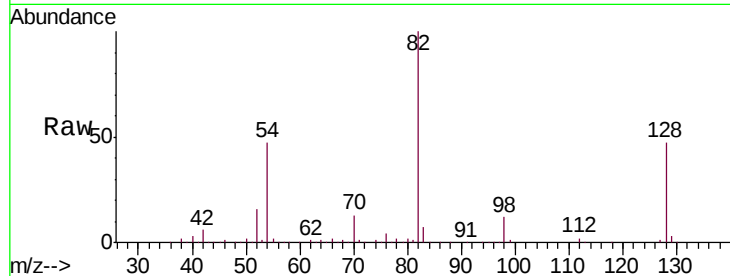




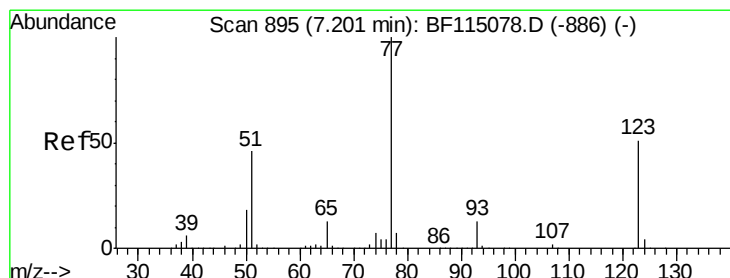
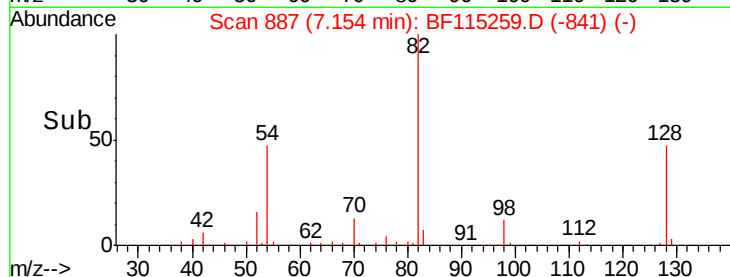
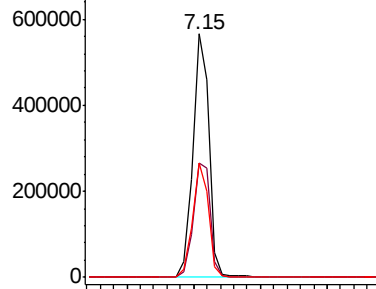
#23
Nitrobenzene-d5
Concen: 33.262 ng
RT: 7.15 min Scan# 887
Delta R.T. -0.03 min
Lab File: BF115259.D
Acq: 28 Jun 2019 2:41

Instrument :
BNA_F
ClientSampleId :
NB-07-062619-A

Tgt Ion: 82 Resp: 485305
Ion Ratio Lower Upper
82 100
128 47.0 40.4 60.6
54 46.9 37.5 56.3

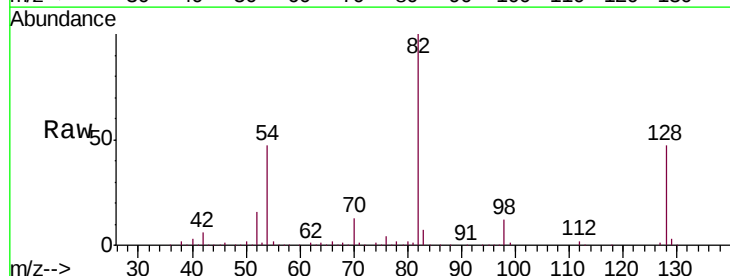


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

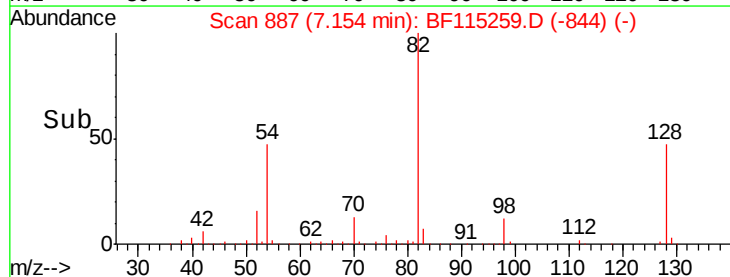
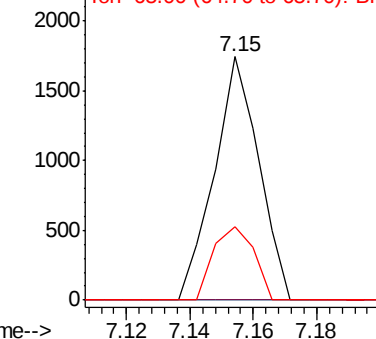


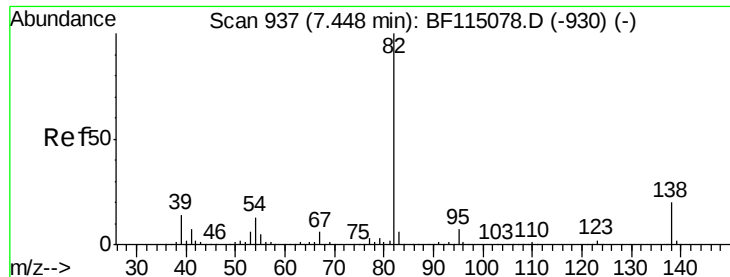
#24
Nitrobenzene
Concen: 0.106 ng
RT: 7.15 min Scan# 887
Delta R.T. -0.05 min
Lab File: BF115259.D
Acq: 28 Jun 2019 2:41

Tgt Ion: 77 Resp: 1701
Ion Ratio Lower Upper
77 100
123 0.0 41.0 61.6#
65 30.3 10.5 15.7#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

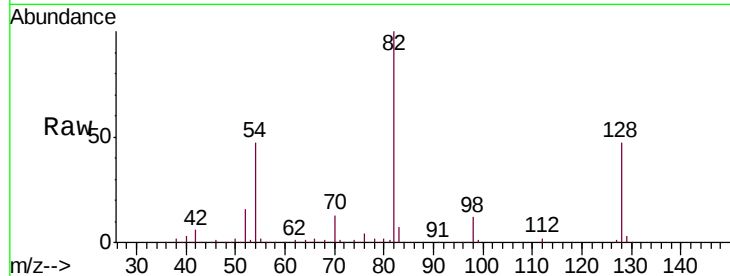




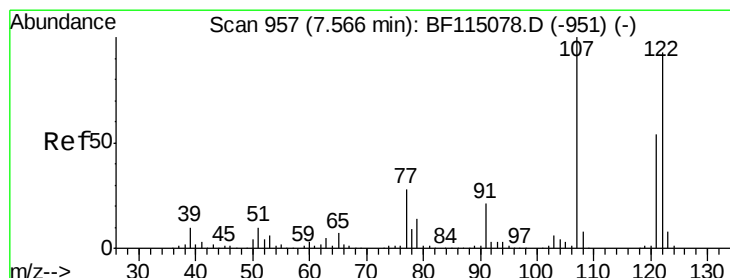
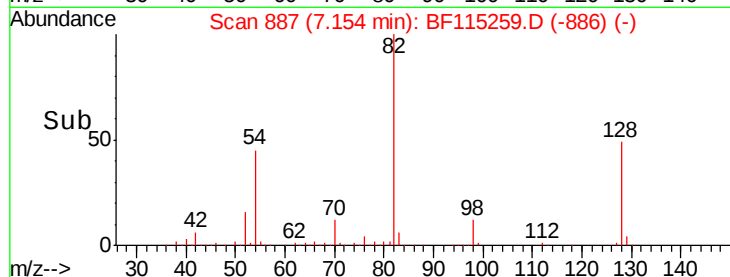
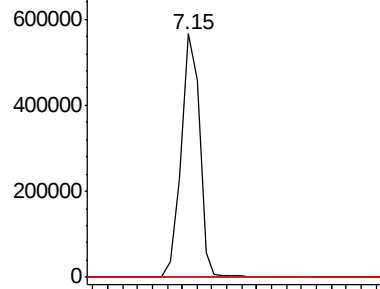
#25
Isophorone
Concen: 16.092 ng
RT: 7.15 min Scan# 887
Delta R.T. -0.29 min
Lab File: BF115259.D
Acq: 28 Jun 2019 2:41

Instrument :
BNA_F
ClientSampleId :
NB-07-062619-A

Tgt Ion: 82 Resp: 480994
Ion Ratio Lower Upper
82 100
95 0.1 5.4 8.2#
138 0.0 15.9 23.9#

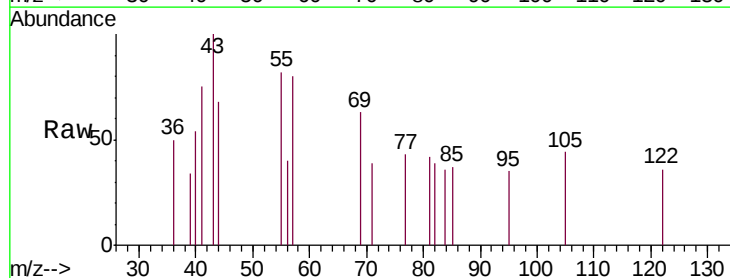


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

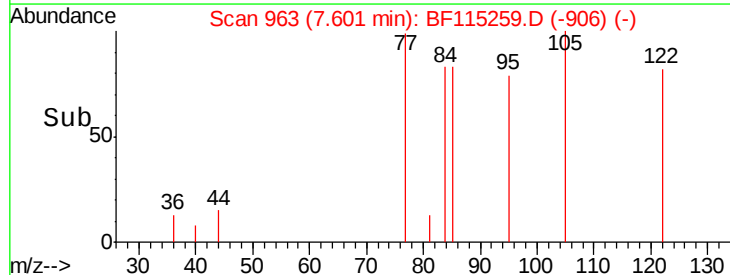
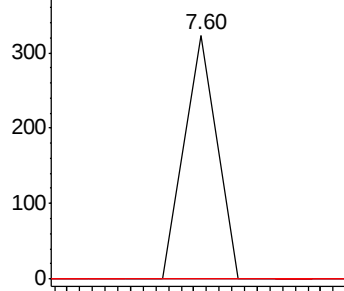


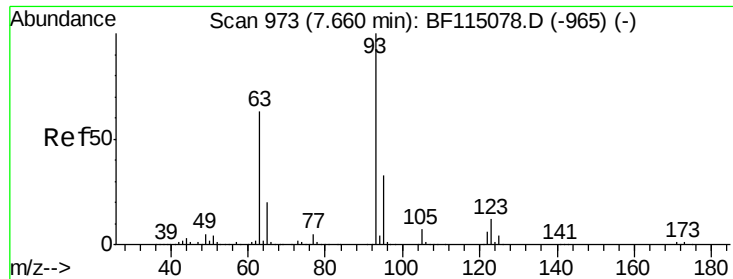
#27
2,4-Dimethylphenol
Concen: 0.009 ng
RT: 7.60 min Scan# 963
Delta R.T. 0.04 min
Lab File: BF115259.D
Acq: 28 Jun 2019 2:41

Tgt Ion: 122 Resp: 114
Ion Ratio Lower Upper
122 100
107 0.0 85.8 128.6#
121 0.0 46.3 69.5#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

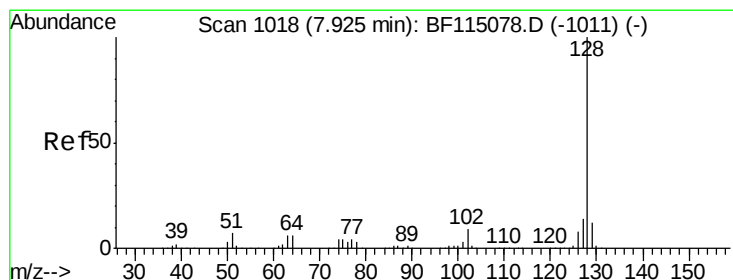
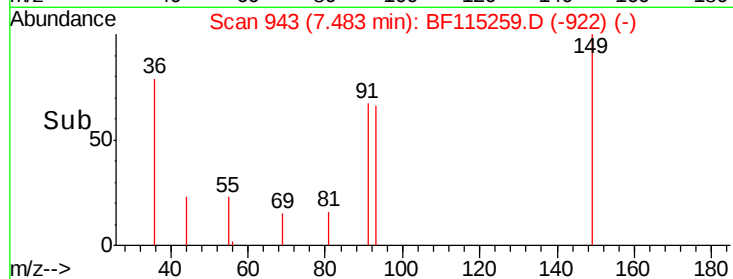
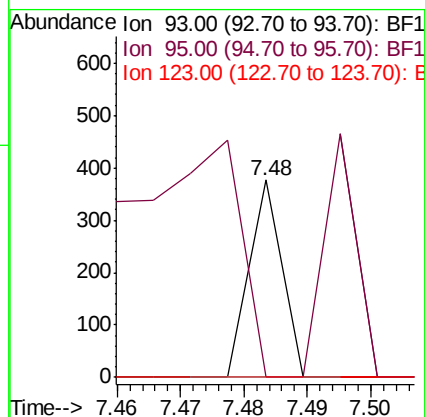
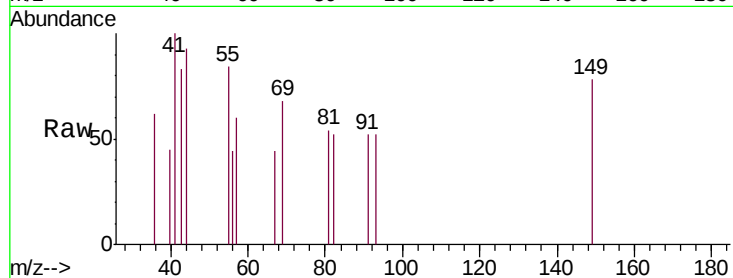




#28
bis(2-Chloroethoxy)methane
Concen: 0.007 ng
RT: 7.48 min Scan# 943
Delta R.T. -0.18 min
Lab File: BF115259.D
Acq: 28 Jun 2019 2:41

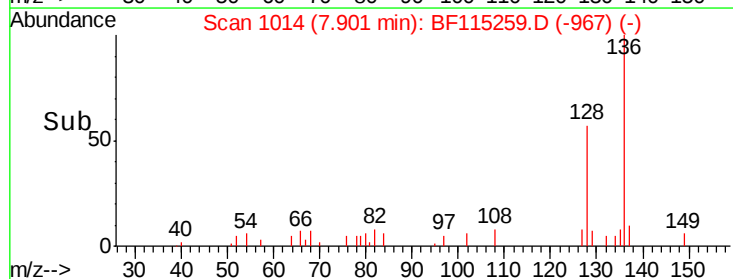
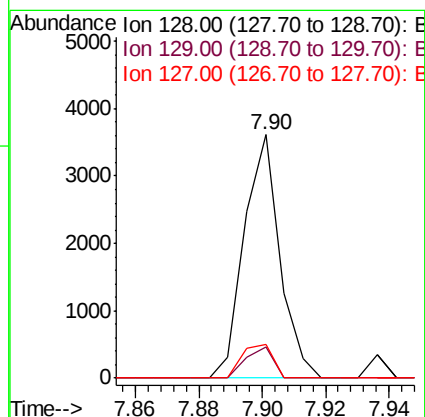
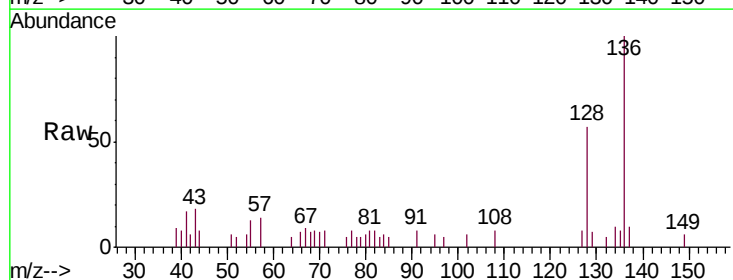
Instrument :
BNA_F
ClientSampleId :
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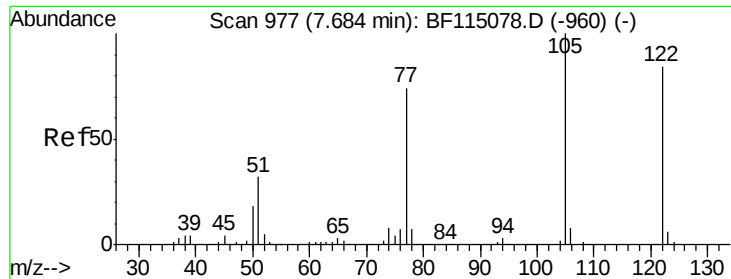
Tgt Ion: 93 Resp: 133
Ion Ratio Lower Upper
93 100
95 0.0 26.2 39.4#
123 0.0 9.7 14.5#



#31
Naphthalene
Concen: 0.064 ng
RT: 7.90 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF115259.D
Acq: 28 Jun 2019 2:41

Tgt Ion: 128 Resp: 2810
Ion Ratio Lower Upper
128 100
129 13.0 9.6 14.4
127 13.7 11.4 17.0

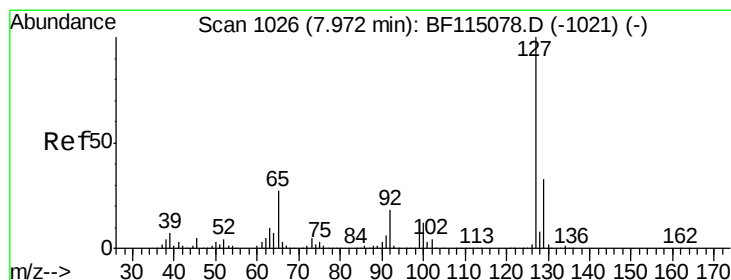
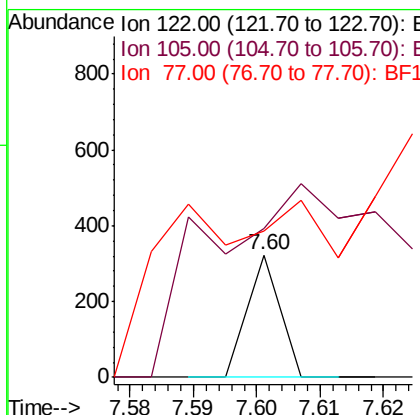
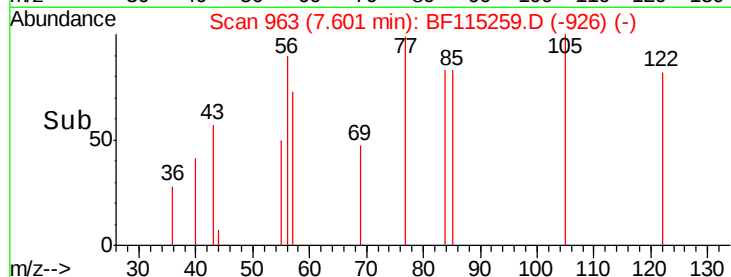
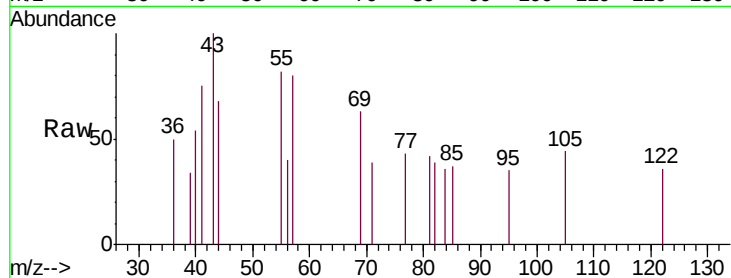




#32
Benzoic acid
Concen: 0.012 ng
RT: 7.60 min Scan# 963
Delta R.T. -0.08 min
Lab File: BF115259.D
Acq: 28 Jun 2019 2:41

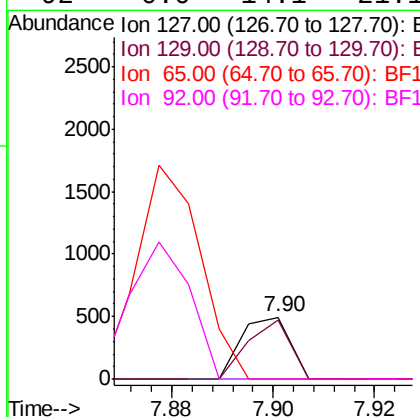
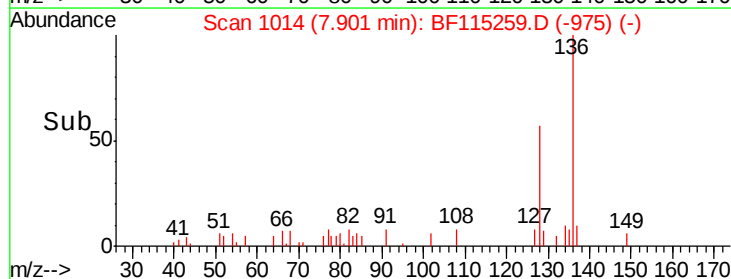
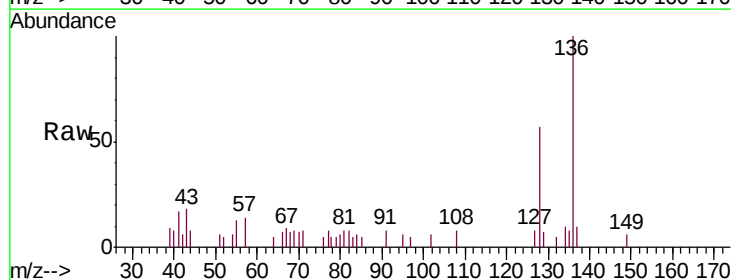
Instrument :
BNA_F
ClientSampleId :
NB-07-062619-A

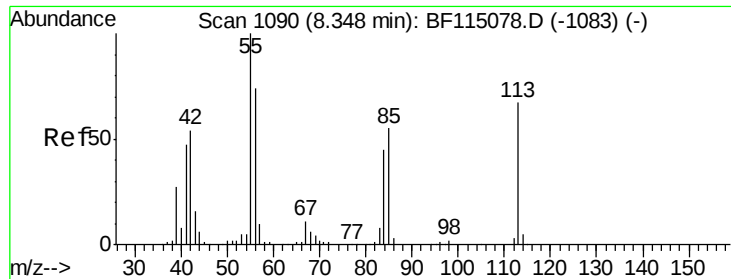
Tgt Ion:122 Resp: 114
Ion Ratio Lower Upper
122 100
105 121.4 98.2 138.2
77 119.8 67.0 107.0#



#33
4-Chloroaniline
Concen: 0.016 ng
RT: 7.90 min Scan# 1014
Delta R.T. -0.07 min
Lab File: BF115259.D
Acq: 28 Jun 2019 2:41

Tgt Ion:127 Resp: 331
Ion Ratio Lower Upper
127 100
129 95.3 26.1 39.1#
65 0.0 21.4 32.2#
92 0.0 14.1 21.1#

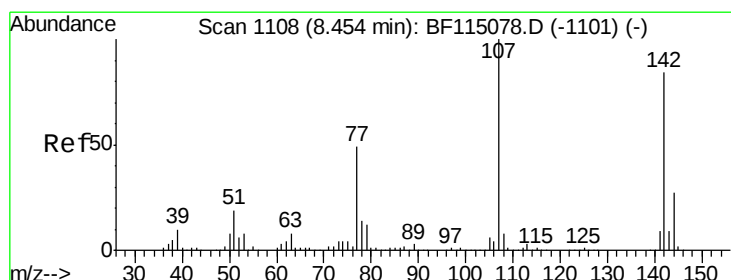
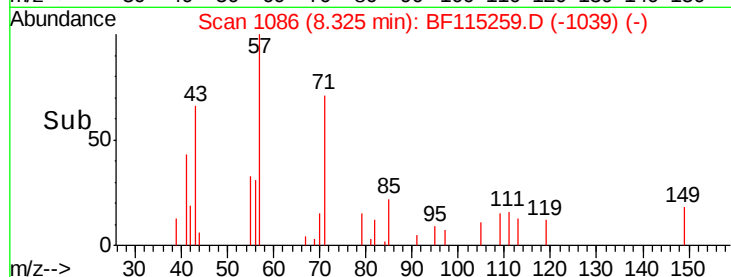
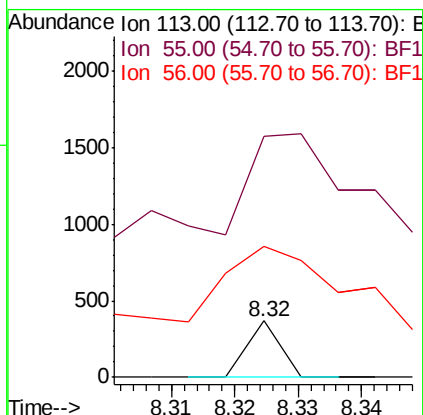
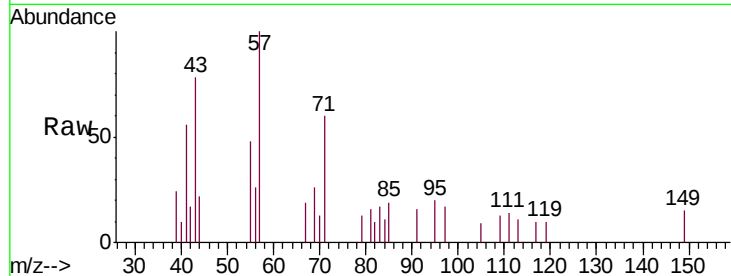




#35
 Caprolactam
 Concen: 0.029 ng
 RT: 8.32 min Scan# 1086
 Delta R.T. -0.02 min
 Lab File: BF115259.D
 Acq: 28 Jun 2019 2:41

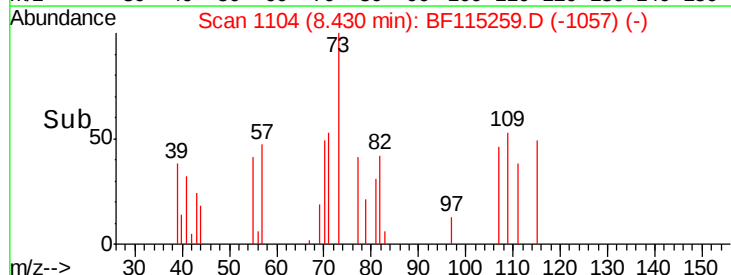
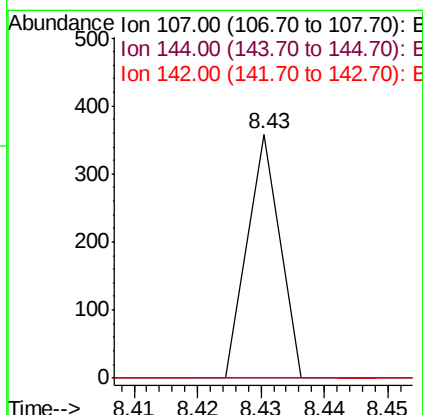
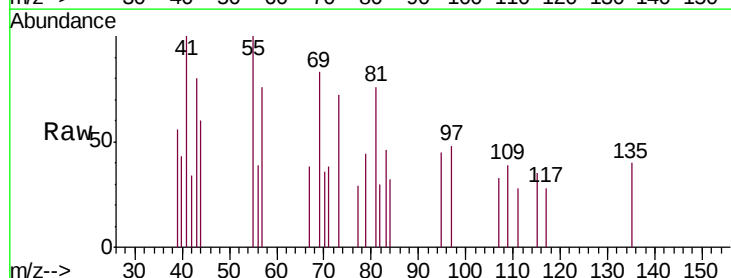
Instrument :
 BNA_F
 ClientSampleId :
 NB-07-062619-A

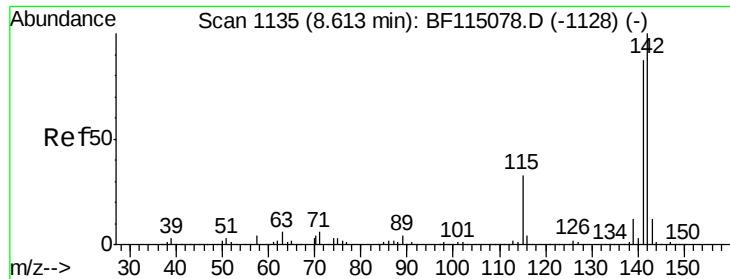
Tgt Ion:113 Resp: 131
 Ion Ratio Lower Upper
 113 100
 55 426.8 130.2 170.2#
 56 230.3 91.6 131.6#



#36
 4-Chloro-3-methylphenol
 Concen: 0.009 ng
 RT: 8.43 min Scan# 1104
 Delta R.T. -0.02 min
 Lab File: BF115259.D
 Acq: 28 Jun 2019 2:41

Tgt Ion:107 Resp: 126
 Ion Ratio Lower Upper
 107 100
 144 0.0 21.7 32.5#
 142 0.0 67.0 100.4#

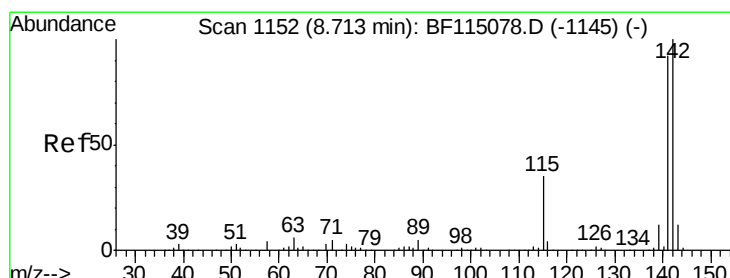
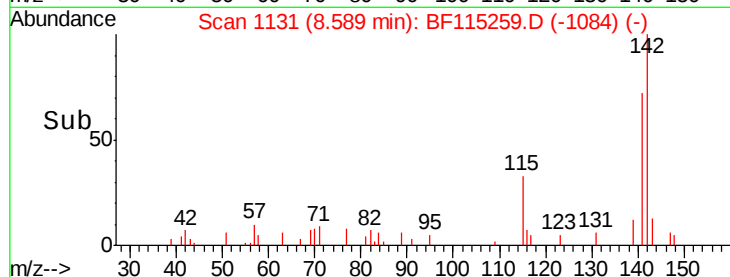
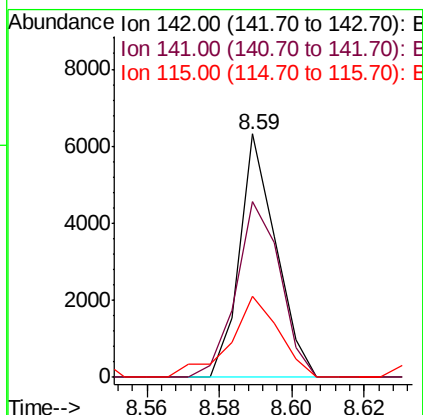
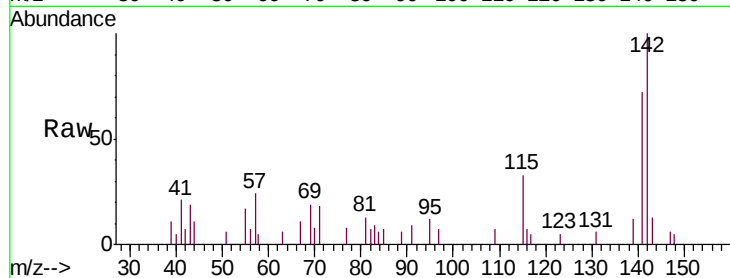




#37
2-Methylnaphthalene
Concen: 0.148 ng
RT: 8.59 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF115259.D
Acq: 28 Jun 2019 2:41

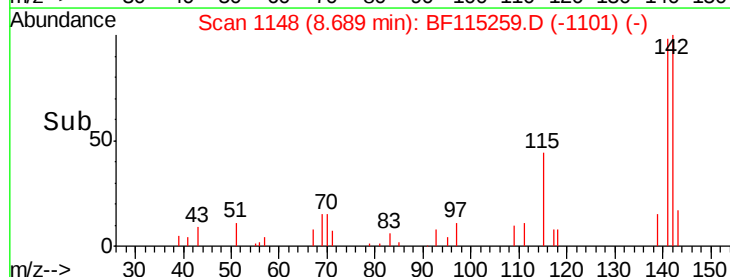
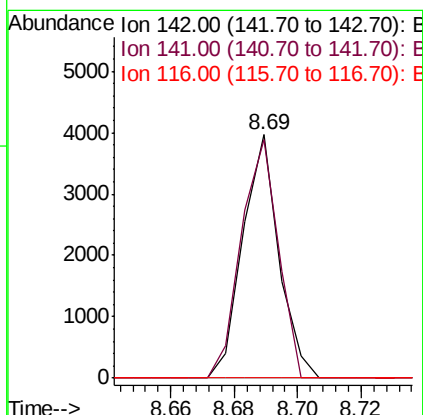
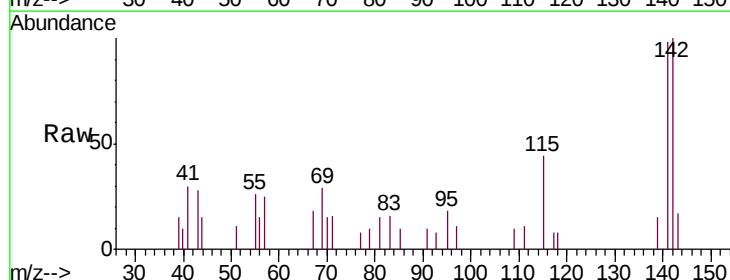
Instrument :
BNA_F
ClientSampleId :
NB-07-062619-A

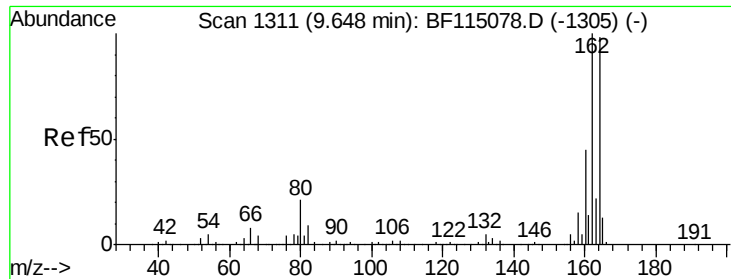
Tgt Ion:142 Resp: 4411
Ion Ratio Lower Upper
142 100
141 72.1 69.8 104.6
115 33.4 26.7 40.1



#38
1-Methylnaphthalene
Concen: 0.110 ng
RT: 8.69 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BF115259.D
Acq: 28 Jun 2019 2:41

Tgt Ion:142 Resp: 3122
Ion Ratio Lower Upper
142 100
141 97.8 73.8 110.8
116 0.0 2.8 4.2#

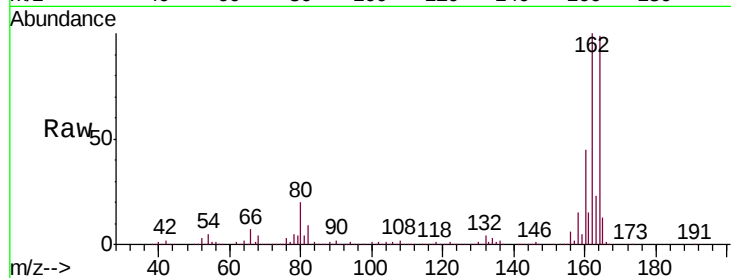




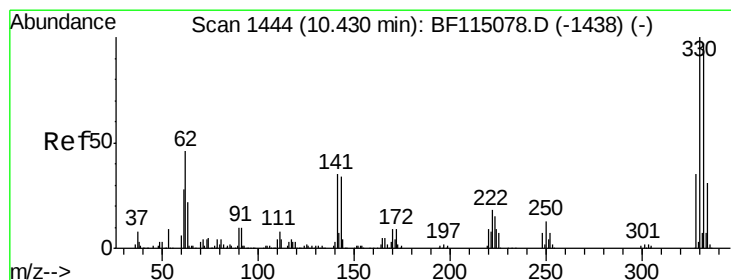
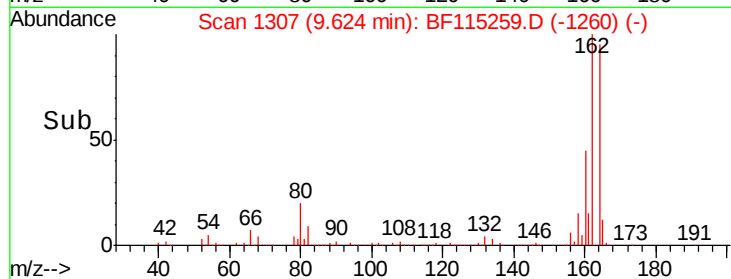
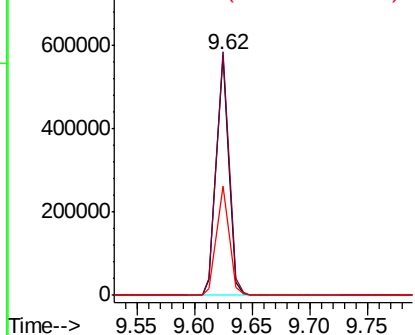
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF115259.D
Acq: 28 Jun 2019 2:41

Instrument :
BNA_F
ClientSampleId :
NB-07-062619-A

Tgt Ion:164 Resp: 440461
Ion Ratio Lower Upper
164 100
162 101.3 81.7 122.5
160 45.7 37.0 55.4

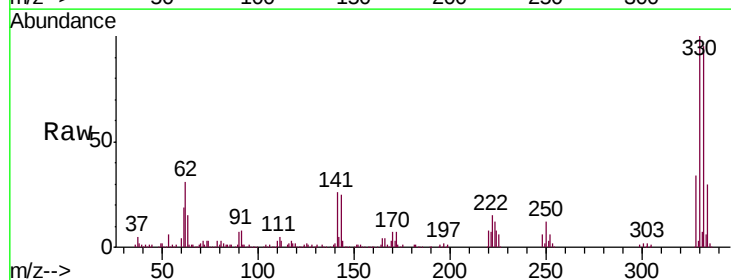


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

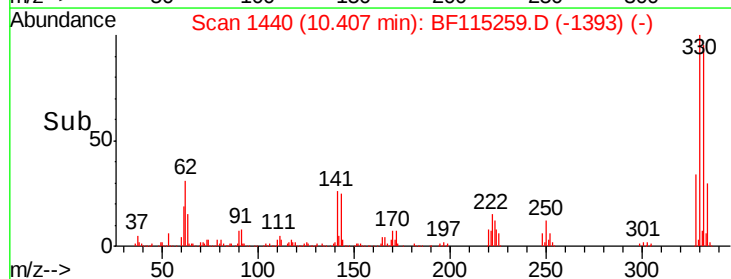
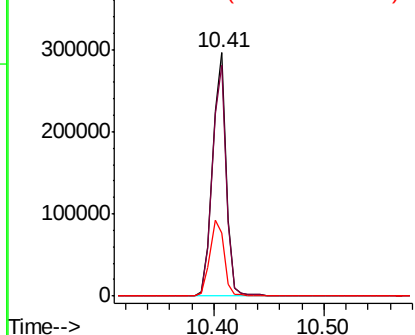


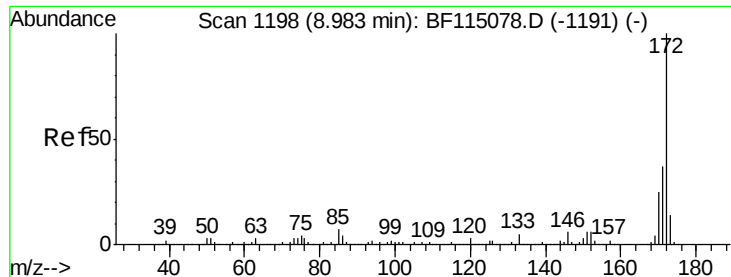
#42
2,4,6-Tribromophenol
Concen: 53.471 ng
RT: 10.41 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF115259.D
Acq: 28 Jun 2019 2:41

Tgt Ion:330 Resp: 248363
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 33.8 28.2 42.2



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

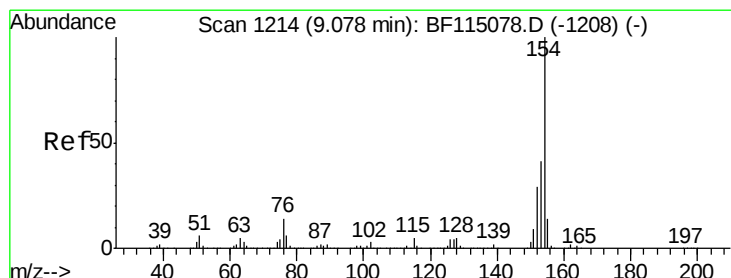
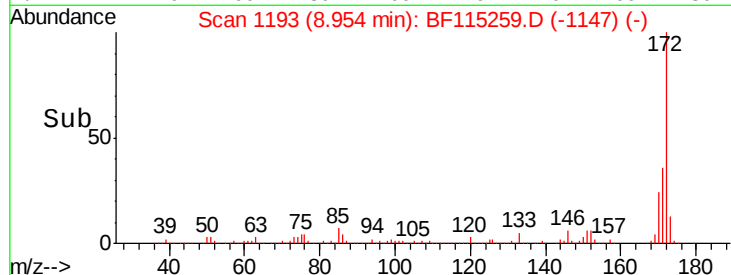
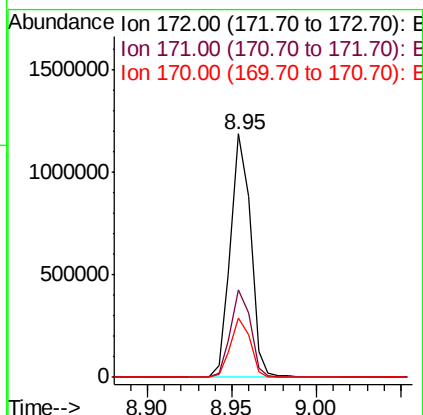
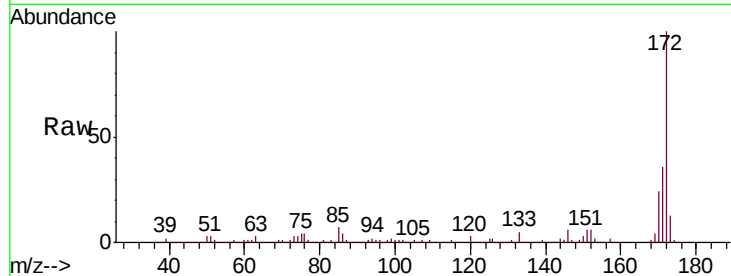




#45
2-Fluorobiphenyl
Concen: 38.316 ng
RT: 8.95 min Scan# 1193
Delta R.T. -0.03 min
Lab File: BF115259.D
Acq: 28 Jun 2019 2:41

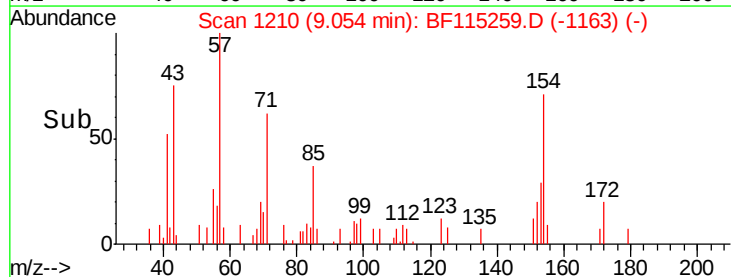
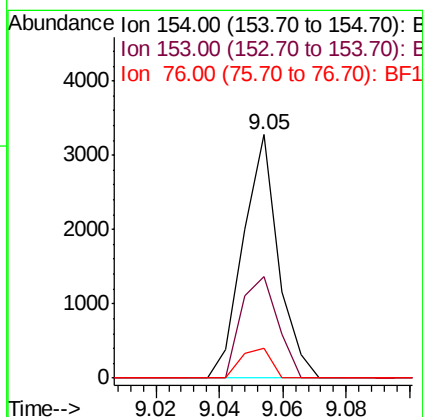
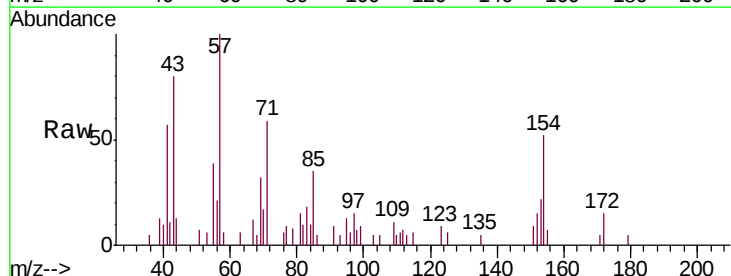
Instrument :
BNA_F
ClientSampleId :
NB-07-062619-A

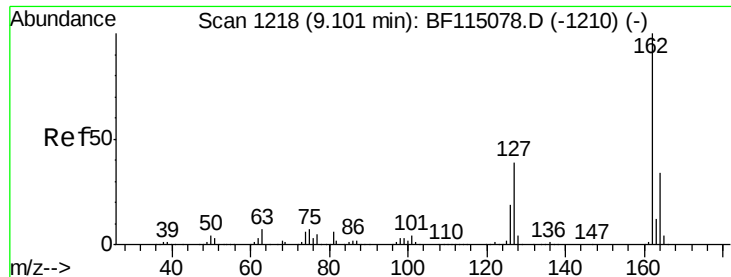
Tgt Ion:172 Resp: 993543
Ion Ratio Lower Upper
172 100
171 36.0 29.8 44.6
170 24.2 20.3 30.5



#46
1,1'-Biphenyl
Concen: 0.071 ng
RT: 9.05 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BF115259.D
Acq: 28 Jun 2019 2:41

Tgt Ion:154 Resp: 2519
Ion Ratio Lower Upper
154 100
153 41.8 20.9 60.9
76 12.4 0.0 34.1

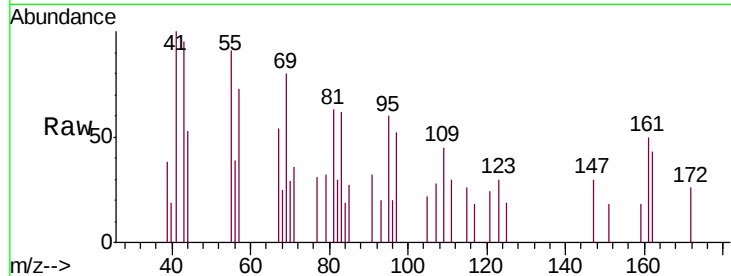




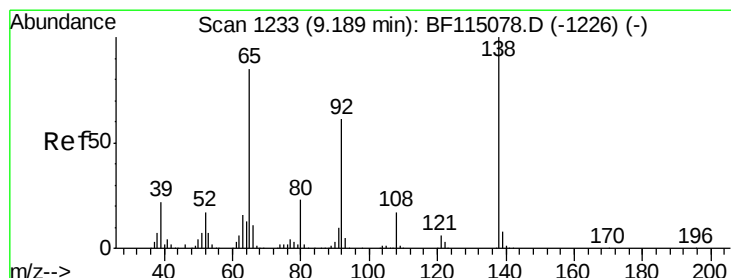
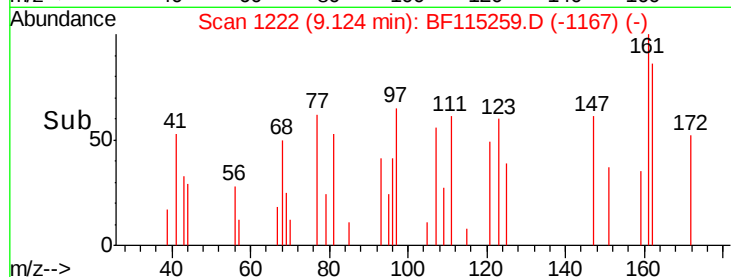
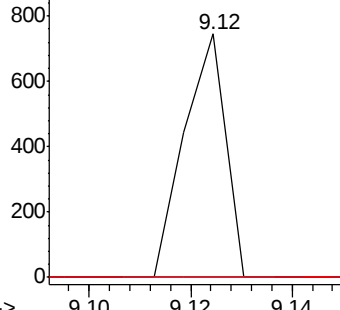
#47
2-Chloronaphthalene
Concen: 0.015 ng
RT: 9.12 min Scan# 1222
Delta R.T. 0.02 min
Lab File: BF115259.D
Acq: 28 Jun 2019 2:41

Instrument :
BNA_F
ClientSampleId :
NB-07-062619-A

Tgt Ion: 162 Resp: 420
Ion Ratio Lower Upper
162 100
127 0.0 30.8 46.2#
164 0.0 27.0 40.4#

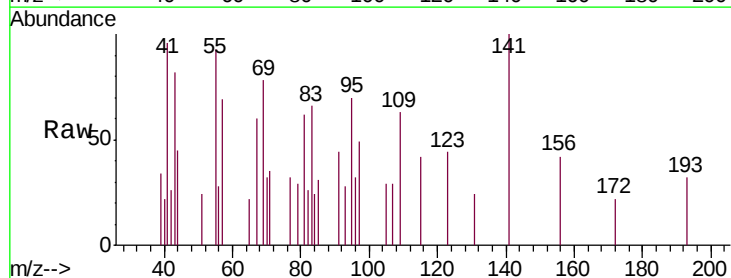


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

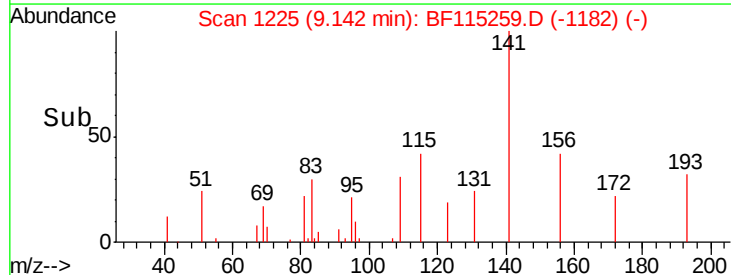
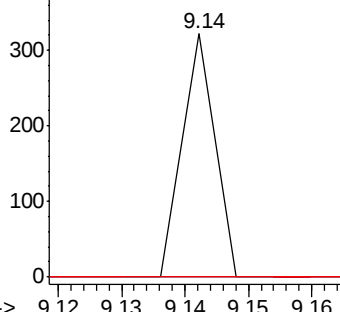


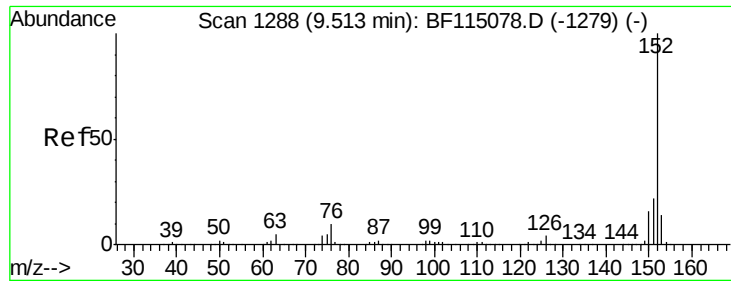
#48
2-Nitroaniline
Concen: 0.014 ng
RT: 9.14 min Scan# 1225
Delta R.T. -0.05 min
Lab File: BF115259.D
Acq: 28 Jun 2019 2:41

Tgt Ion: 65 Resp: 114
Ion Ratio Lower Upper
65 100
92 0.0 57.4 86.2#
138 0.0 94.1 141.1#



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 0.161 ng

RT: 9.48 min Scan# 1283

Delta R.T. -0.03 min

Lab File: BF115259.D

Acq: 28 Jun 2019 2:41

Instrument :

BNA_F

ClientSampleId :

NB-07-062619-A

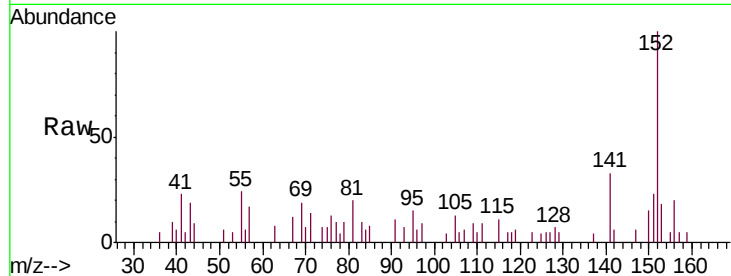
Tgt Ion:152 Resp: 7152

Ion Ratio Lower Upper

152 100

151 22.7 17.2 25.8

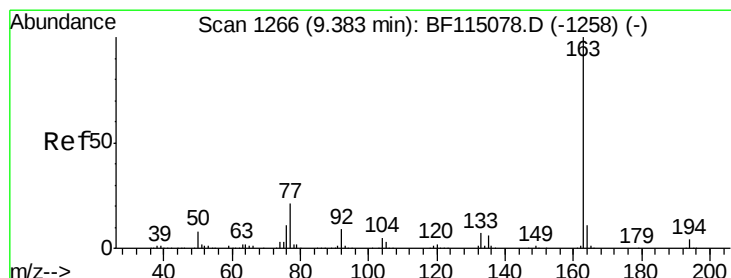
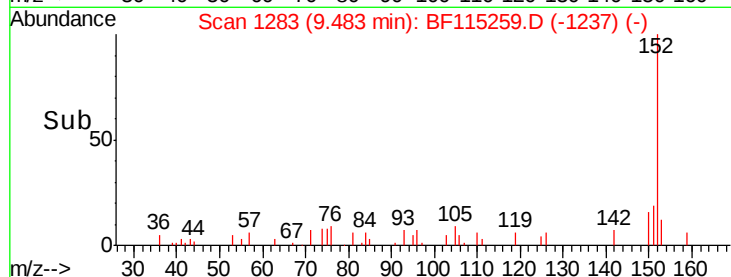
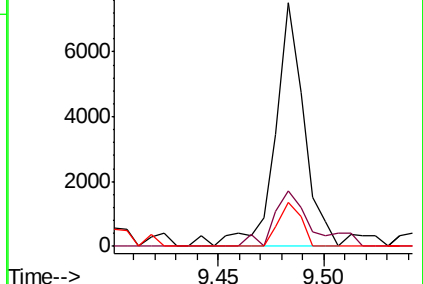
153 18.0 11.0 16.6#



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



#50

Dimethylphthalate

Concen: 6.125 ng

RT: 9.35 min Scan# 1260

Delta R.T. -0.04 min

Lab File: BF115259.D

Acq: 28 Jun 2019 2:41

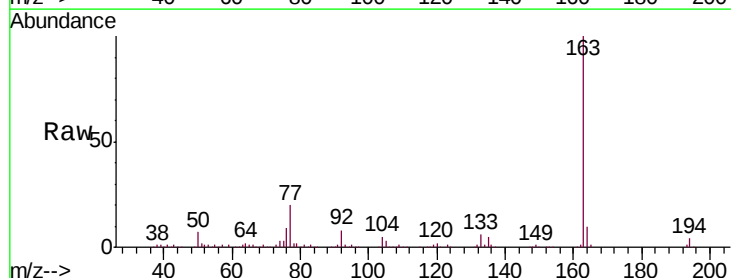
Tgt Ion:163 Resp: 198498

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

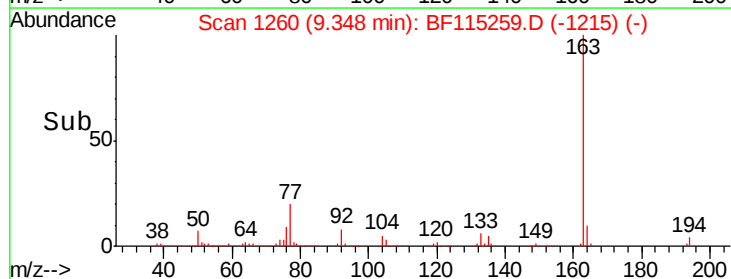
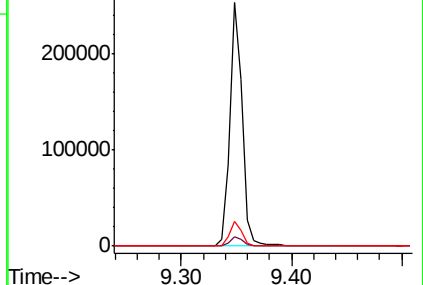
164 10.4 8.6 13.0

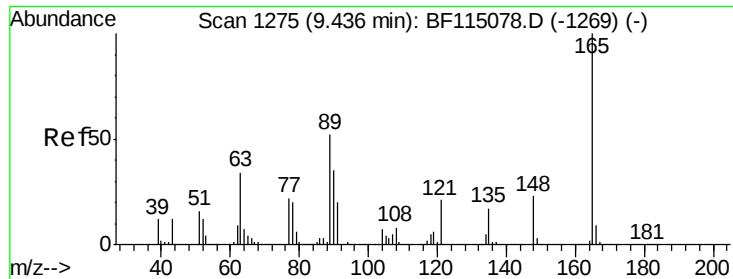


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

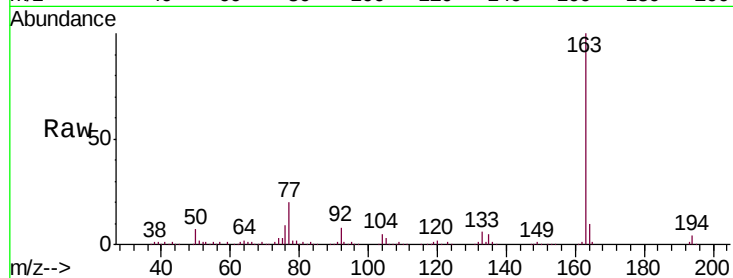




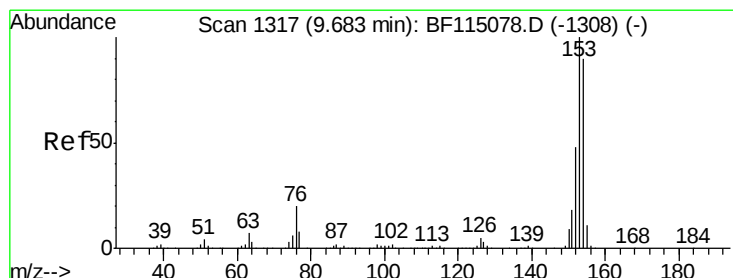
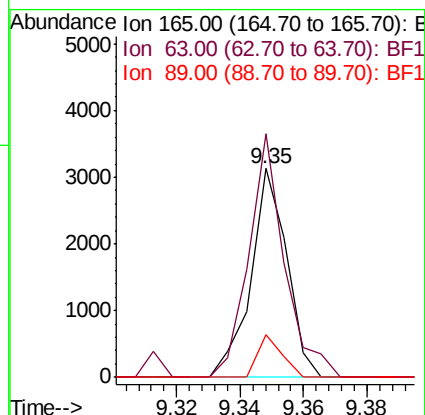
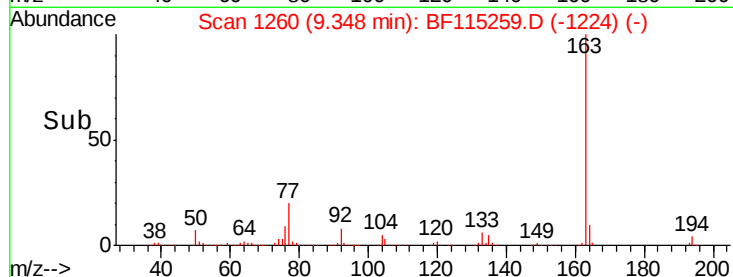
#51
 2,6-Dinitrotoluene
 Concen: 0.328 ng
 RT: 9.35 min Scan# 1260
 Delta R.T. -0.09 min
 Lab File: BF115259.D
 Acq: 28 Jun 2019 2:41

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-062619-A

Tgt Ion:165 Resp: 2456
 Ion Ratio Lower Upper
 165 100
 63 116.5 39.4 59.2#
 89 20.7 42.0 63.0#

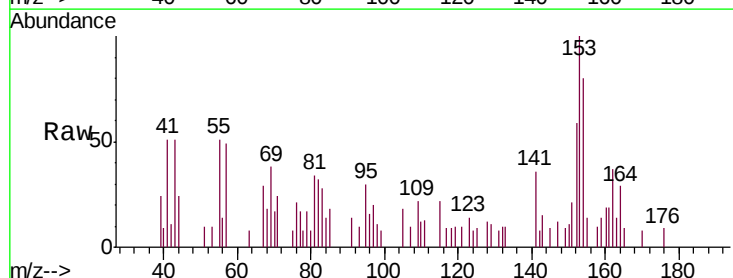


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

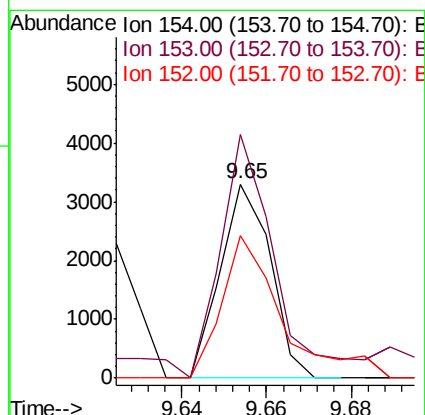
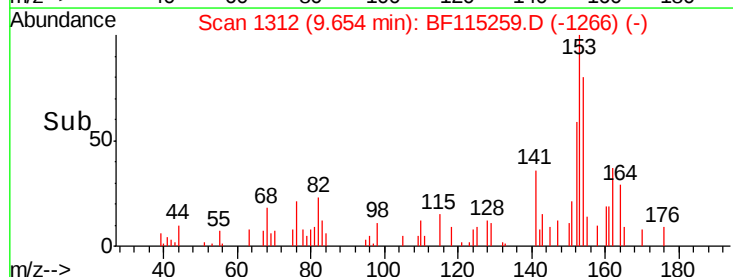


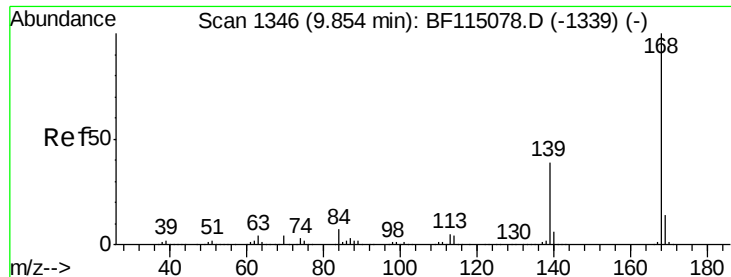
#52
 Acenaphthene
 Concen: 0.097 ng
 RT: 9.65 min Scan# 1312
 Delta R.T. -0.03 min
 Lab File: BF115259.D
 Acq: 28 Jun 2019 2:41

Tgt Ion:154 Resp: 2715
 Ion Ratio Lower Upper
 154 100
 153 125.4 88.7 133.1
 152 73.6 42.6 64.0#



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

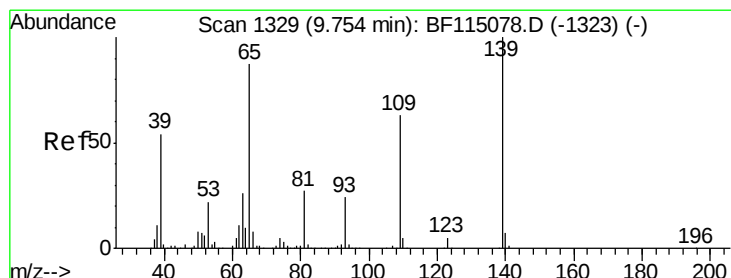
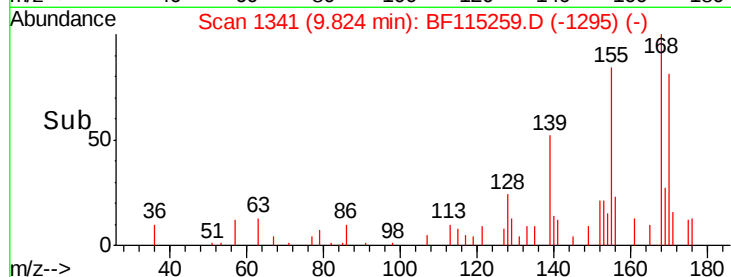
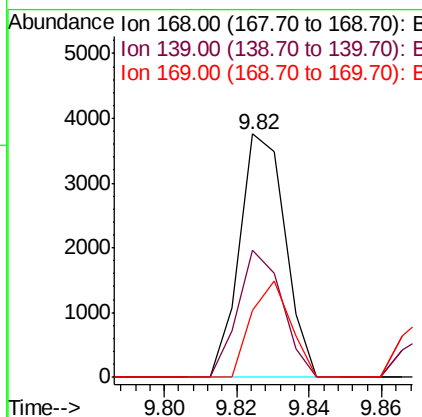
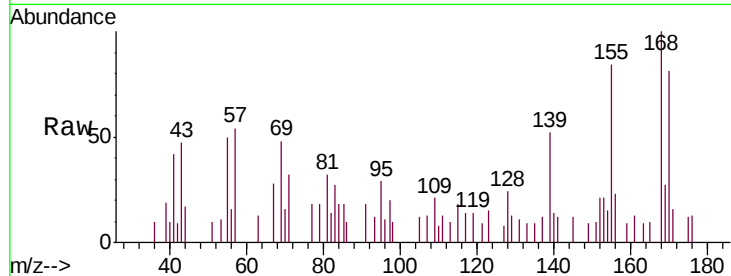




#55
Dibenzofuran
Concen: 0.082 ng
RT: 9.82 min Scan# 1341
Delta R.T. -0.03 min
Lab File: BF115259.D
Acq: 28 Jun 2019 2:41

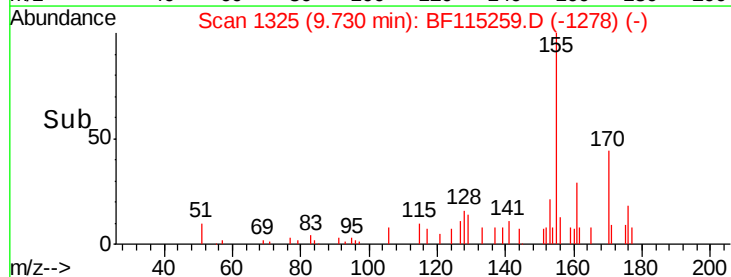
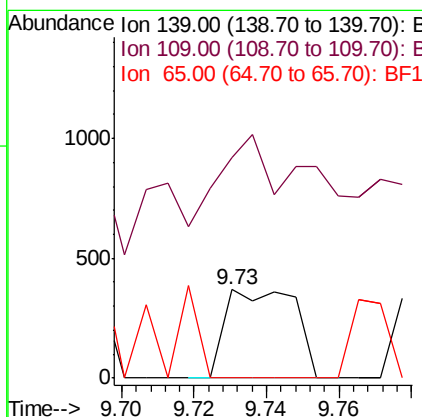
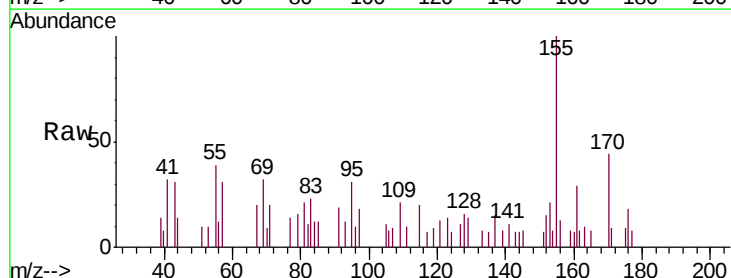
Instrument :
BNA_F
ClientSampleId :
NB-07-062619-A

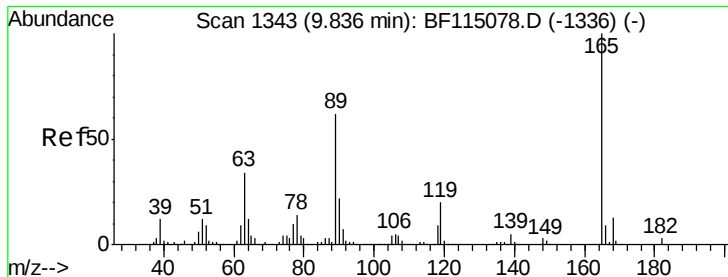
Tgt Ion:168 Resp: 3278
Ion Ratio Lower Upper
168 100
139 52.1 31.1 46.7#
169 27.5 11.3 16.9#



#56
4-Nitrophenol
Concen: 0.067 ng
RT: 9.73 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF115259.D
Acq: 28 Jun 2019 2:41

Tgt Ion:139 Resp: 491
Ion Ratio Lower Upper
139 100
109 249.2 43.0 83.0#
65 0.0 67.0 107.0#

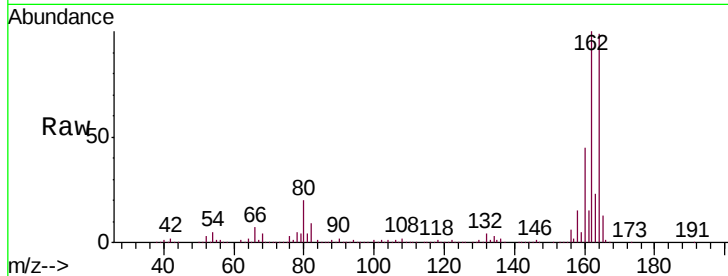




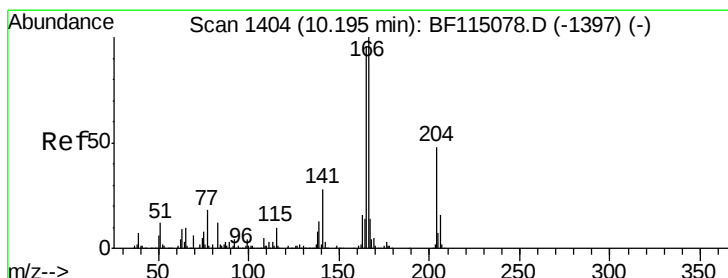
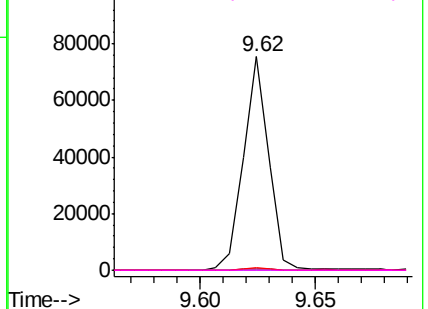
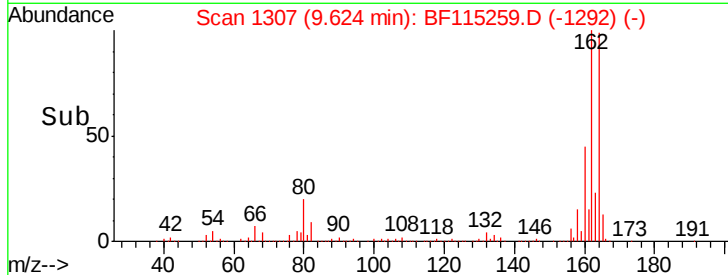
#57
 2,4-Dinitrotoluene
 Concen: 5.977 ng
 RT: 9.62 min Scan# 1307
 Delta R.T. -0.21 min
 Lab File: BF115259.D
 Acq: 28 Jun 2019 2:41

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-062619-A

Tgt Ion:	165	Resp:	57739
Ion	Ratio	Lower	Upper
165	100		
63	0.9	27.5	41.3#
89	1.3	49.9	74.9#
182	0.0	2.1	3.1#

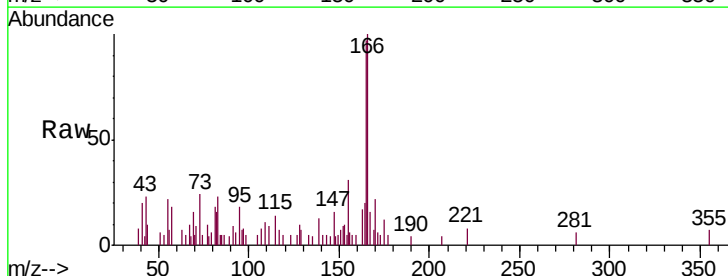


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

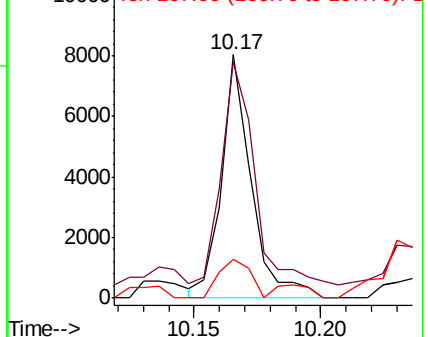
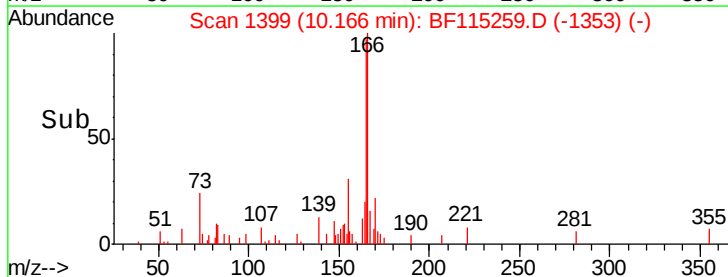


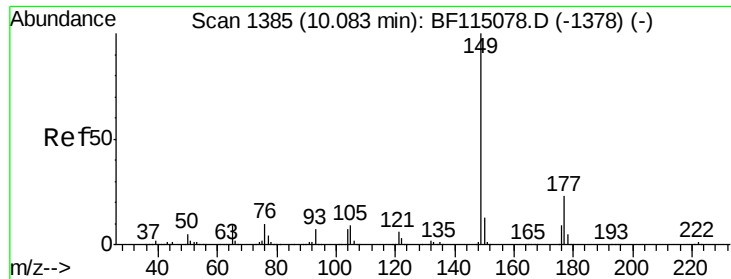
#58
 Fluorene
 Concen: Below Cal
 RT: 10.17 min Scan# 1399
 Delta R.T. -0.03 min
 Lab File: BF115259.D
 Acq: 28 Jun 2019 2:41

Tgt Ion:	166	Resp:	6557
Ion	Ratio	Lower	Upper
166	100		
165	96.9	76.5	114.7
167	16.1	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

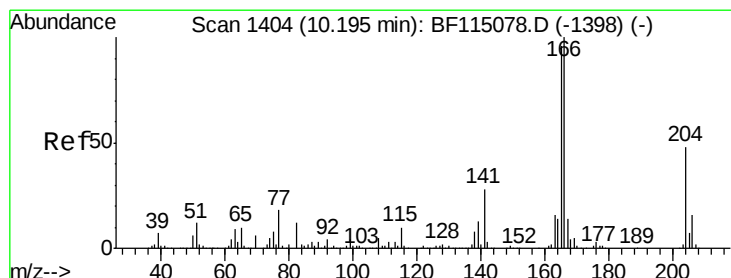
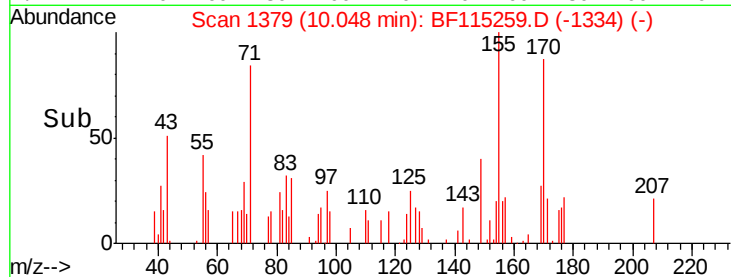
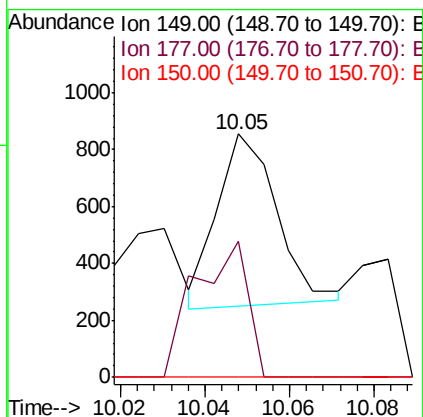
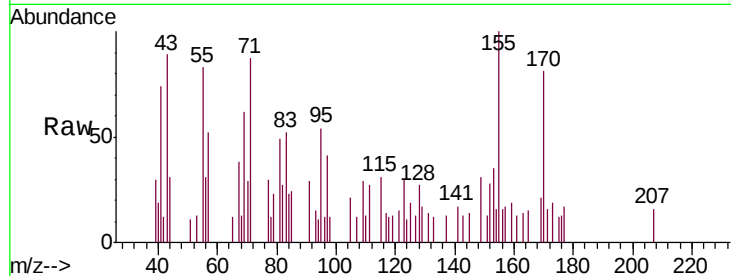




#60
Diethylphthalate
Concen: 0.018 ng
RT: 10.05 min Scan# 1379
Delta R.T. -0.04 min
Lab File: BF115259.D
Acq: 28 Jun 2019 2:41

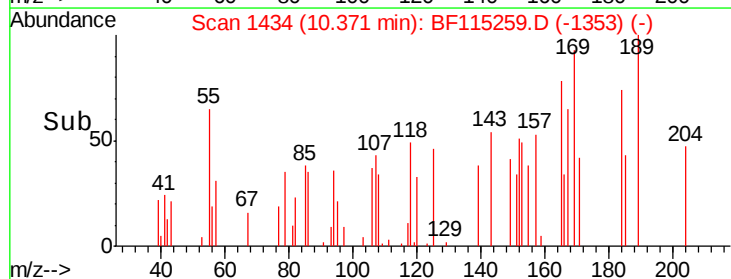
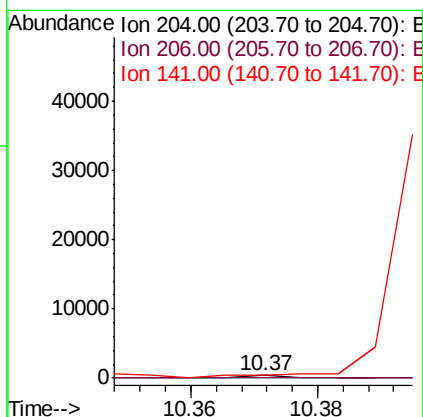
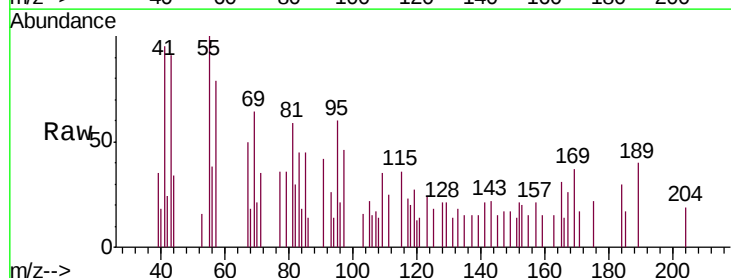
Instrument :
BNA_F
ClientSampleId :
NB-07-062619-A

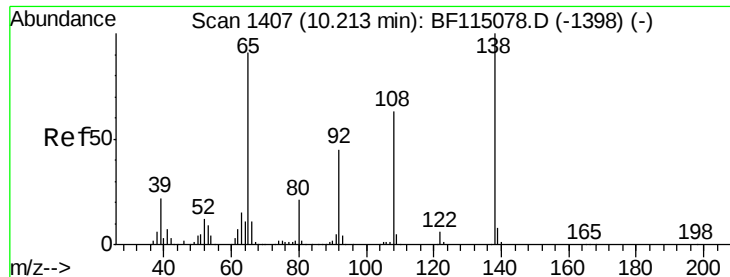
Tgt Ion:149 Resp: 592
Ion Ratio Lower Upper
149 100
177 56.0 18.7 28.1#
150 0.0 10.4 15.6#



#61
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.37 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF115259.D
Acq: 28 Jun 2019 2:41

Tgt Ion:204 Resp: 149
Ion Ratio Lower Upper
204 100
206 0.0 26.6 40.0#
141 110.7 46.7 70.1#

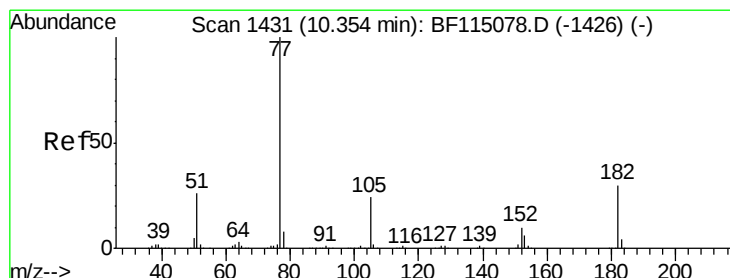
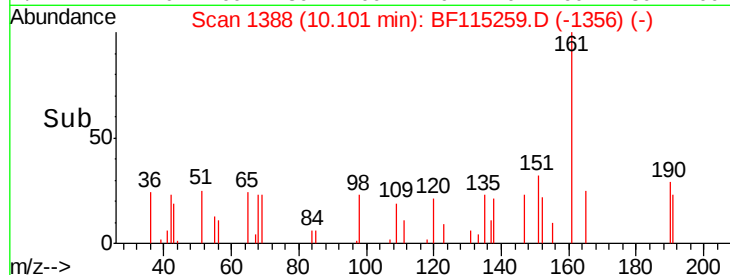
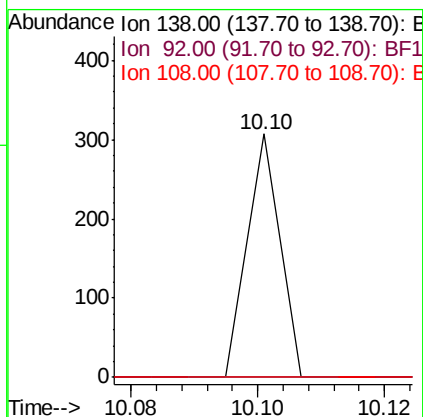
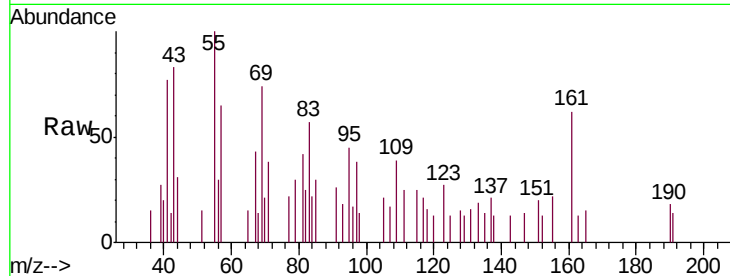




#62
4-Nitroaniline
Concen: 0.012 ng
RT: 10.10 min Scan# 1388
Delta R.T. -0.11 min
Lab File: BF115259.D
Acq: 28 Jun 2019 2:41

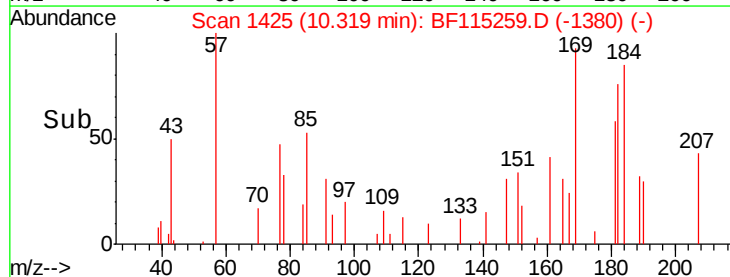
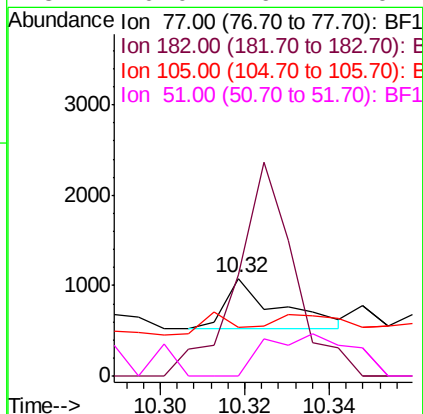
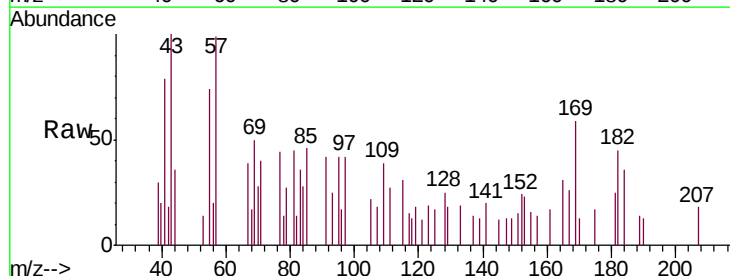
Instrument :
BNA_F
ClientSampleId :
NB-07-062619-A

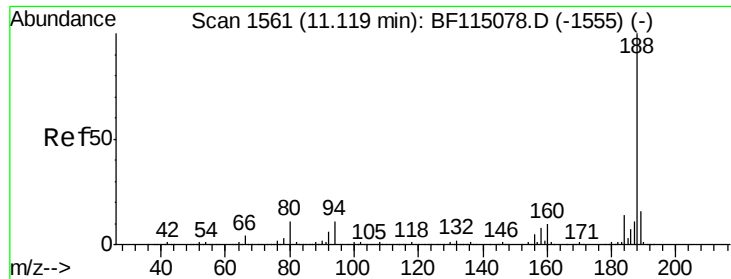
Tgt Ion: 138 Resp: 108
Ion Ratio Lower Upper
138 100
92 0.0 24.8 64.8#
108 0.0 43.3 83.3#



#63
Azobenzene
Concen: 0.016 ng
RT: 10.32 min Scan# 1425
Delta R.T. -0.04 min
Lab File: BF115259.D
Acq: 28 Jun 2019 2:41

Tgt Ion: 77 Resp: 481
Ion Ratio Lower Upper
77 100
182 103.2 10.1 50.1#
105 49.5 4.5 44.5#
51 0.0 6.4 46.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.09 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF115259.D

Acq: 28 Jun 2019 2:41

Instrument :

BNA_F

ClientSampleId :

NB-07-062619-A

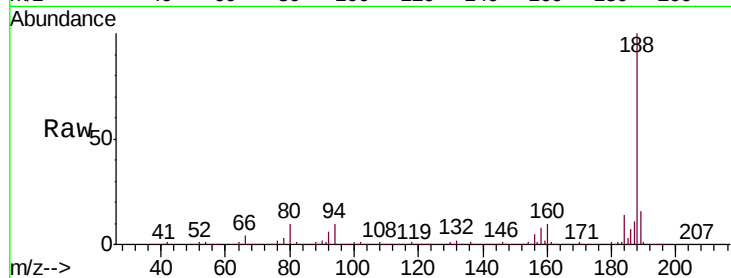
Tgt Ion:188 Resp: 889081

Ion Ratio Lower Upper

188 100

94 10.2 8.6 12.8

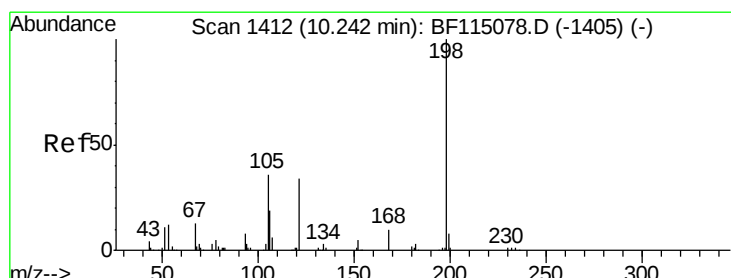
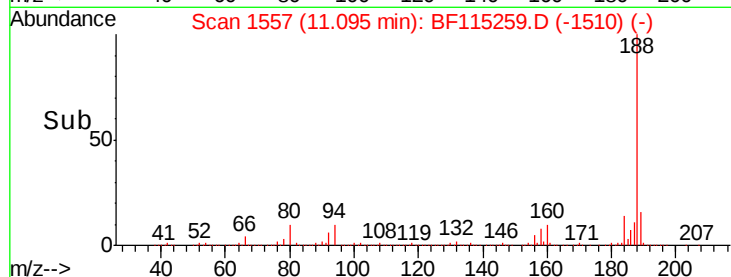
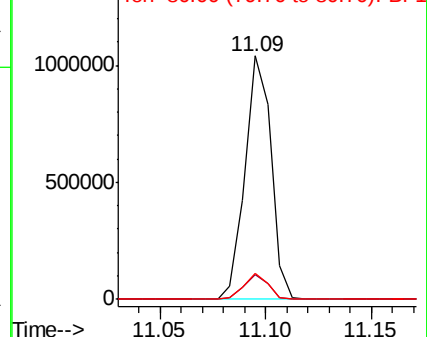
80 10.5 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 5.042 ng

RT: 10.40 min Scan# 1439

Delta R.T. 0.16 min

Lab File: BF115259.D

Acq: 28 Jun 2019 2:41

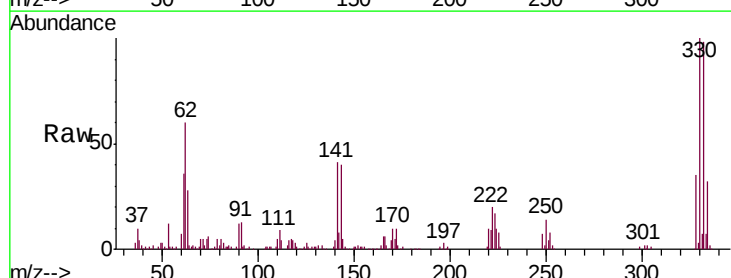
Tgt Ion:198 Resp: 431

Ion Ratio Lower Upper

198 100

51 190.1 11.0 51.0#

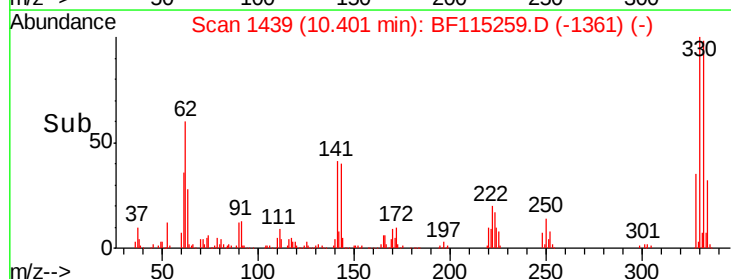
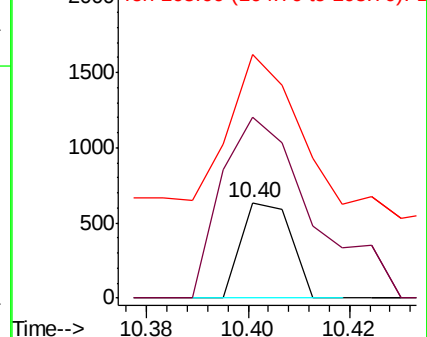
105 255.0 17.3 57.3#

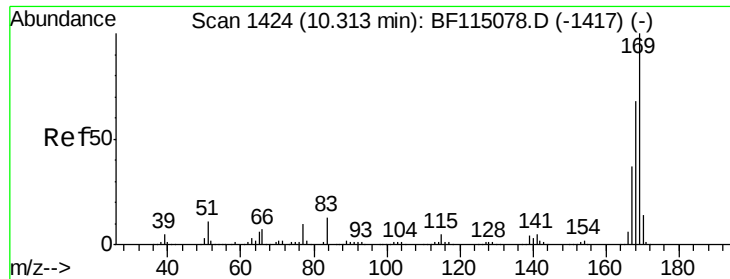


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

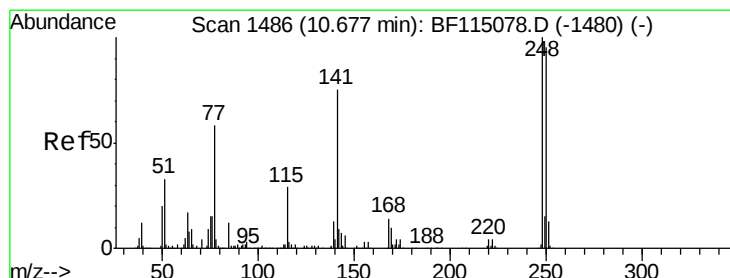
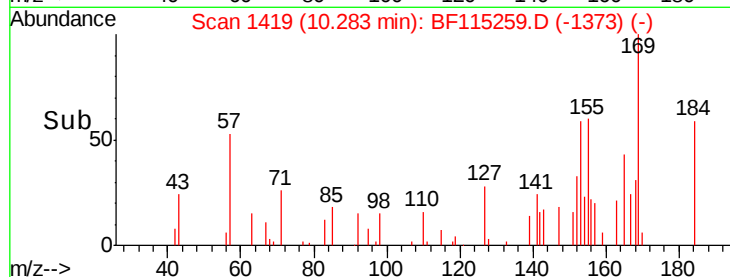
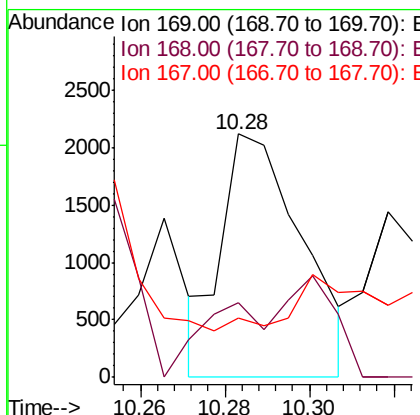
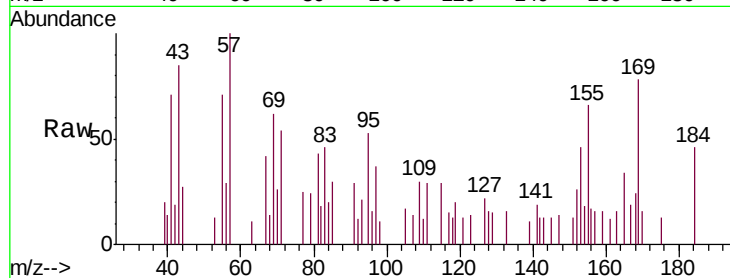




#66
 n-Nitrosodiphenylamine
 Concen: 0.101 ng
 RT: 10.28 min Scan# 1419
 Delta R.T. -0.03 min
 Lab File: BF115259.D
 Acq: 28 Jun 2019 2:41

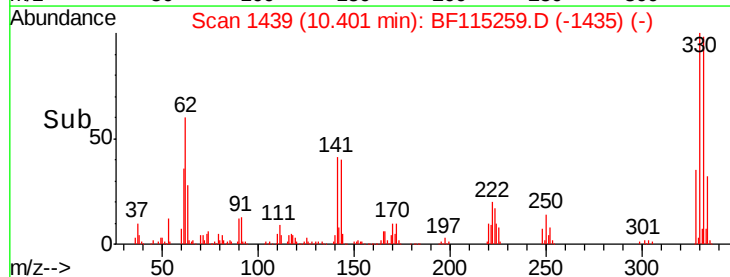
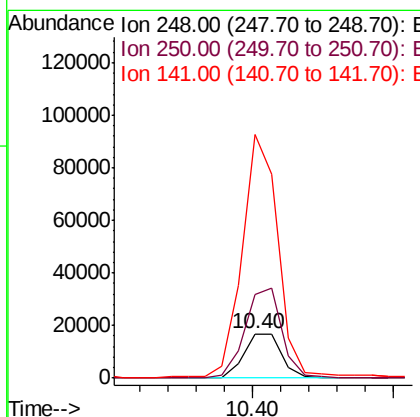
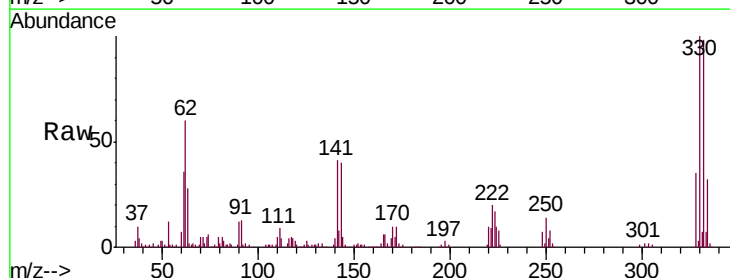
Instrument :
 BNA_F
 ClientSampleId :
 NB-07-062619-A

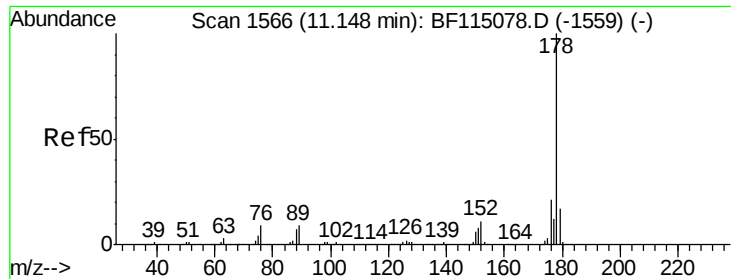
Tgt Ion:169 Resp: 2806
 Ion Ratio Lower Upper
 169 100
 168 30.9 54.2 81.4#
 167 24.2 29.4 44.0#



#67
 4-Bromophenyl-phenylether
 Concen: 1.598 ng
 RT: 10.40 min Scan# 1439
 Delta R.T. -0.28 min
 Lab File: BF115259.D
 Acq: 28 Jun 2019 2:41

Tgt Ion:248 Resp: 15408
 Ion Ratio Lower Upper
 248 100
 250 188.2 76.2 114.2#
 141 548.7 59.6 89.4#

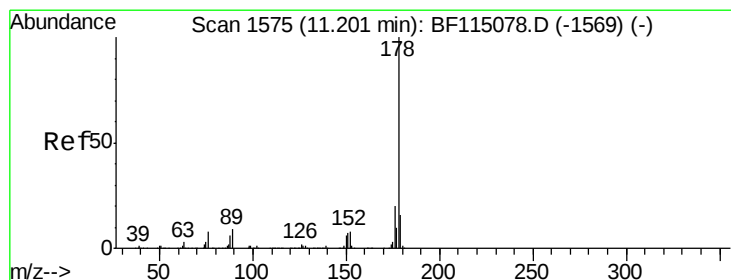
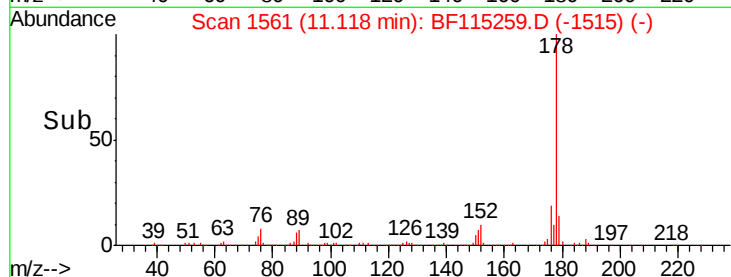
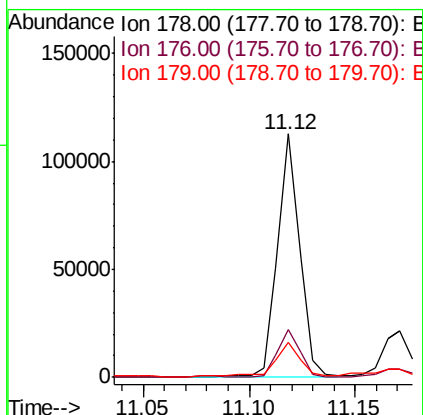
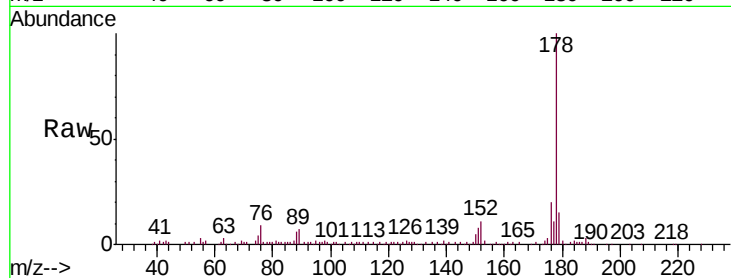




#71
Phenanthrene
Concen: 1.736 ng
RT: 11.12 min Scan# 1561
Delta R.T. -0.03 min
Lab File: BF115259.D
Acq: 28 Jun 2019 2:41

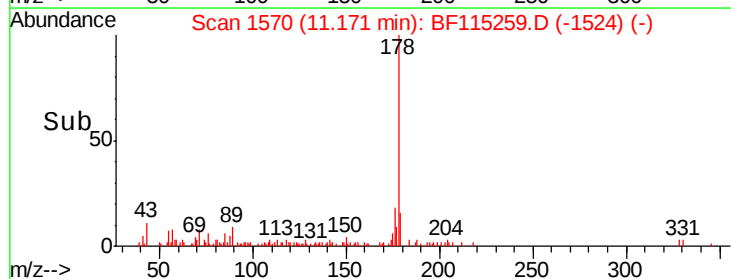
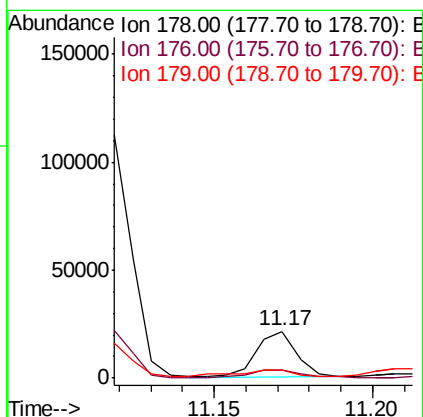
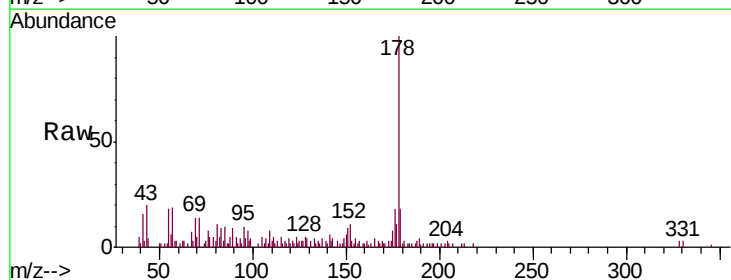
Instrument :
BNA_F
ClientSampleId :
NB-07-062619-A

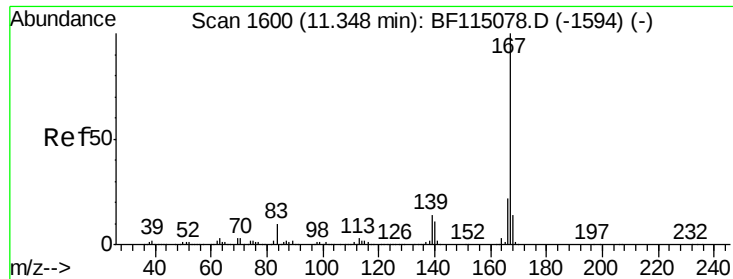
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.9	25.3
179	14.6	13.2	19.8



#72
Anthracene
Concen: 0.382 ng
RT: 11.17 min Scan# 1570
Delta R.T. -0.03 min
Lab File: BF115259.D
Acq: 28 Jun 2019 2:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	16.1	24.1
179	17.5	12.9	19.3

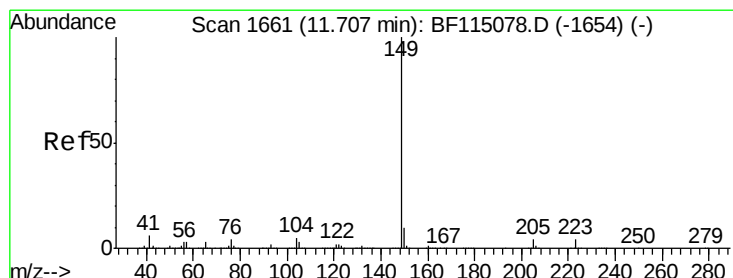
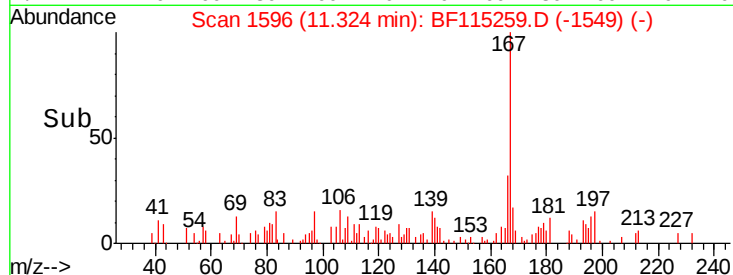
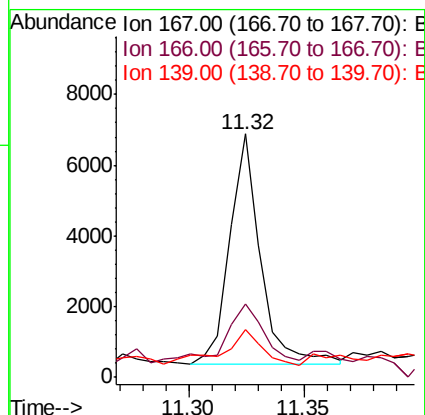
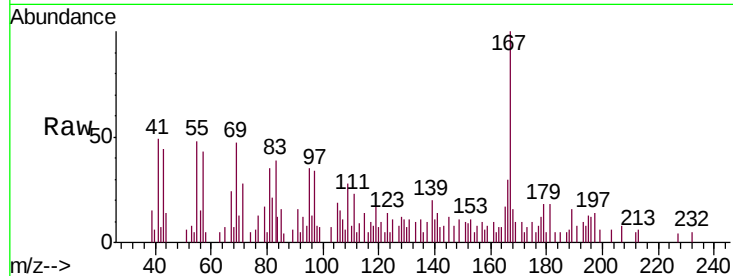




#73
 Carbazole
 Concen: 0.140 ng
 RT: 11.32 min Scan# 1596
 Delta R.T. -0.02 min
 Lab File: BF115259.D
 Acq: 28 Jun 2019 2:41

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-062619-A

Tgt Ion:167 Resp: 6039
 Ion Ratio Lower Upper
 167 100
 166 29.9 18.0 27.0#
 139 19.6 11.1 16.7#



#74
 Di-n-butylphthalate
 Concen: 0.091 ng
 RT: 11.67 min Scan# 1655
 Delta R.T. -0.04 min
 Lab File: BF115259.D
 Acq: 28 Jun 2019 2:41

Tgt Ion:149 Resp: 4547
 Ion Ratio Lower Upper
 149 100
 150 16.3 7.8 11.8#
 104 7.1 3.7 5.5#

