

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121218\
 Data File : BF111339.D
 Acq On : 12 Dec 2018 23:23
 Operator : JU/SJ
 Sample : J6189-03 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-121118-B

Quant Time: Dec 13 01:24:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	243527	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	810734	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	338636	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	570680	20.00	ng	0.00
76) Chrysene-d12	13.95	240	386296	20.00	ng	0.00
87) Perylene-d12	15.39	264	301474	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	808153	56.12	ng	0.00
7) Phenol-d6	6.42	99	996665	51.33	ng	-0.01
23) Nitrobenzene-d5	7.35	82	532948	37.05	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	144588	48.44	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	895993	42.48	ng	0.00
79) Terphenyl-d14	12.90	244	735238	41.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	354	0.049	ng	# 48
3) Pyridine	3.26	79	222	0.013	ng	# 1
4) n-Nitrosodimethylamine	3.20	42	188	0.023	ng	# 1
6) Aniline	6.47	93	885	0.038	ng	# 1
8) 2-Chlorophenol	6.57	128	231	0.013	ng	# 1
9) Benzaldehyde	6.35	77	2535	Below Cal		# 1
10) Phenol	6.43	94	70187	3.191	ng	93
11) bis(2-Chloroethyl)ether	6.56	93	1771	0.102	ng	# 1
15) Benzyl Alcohol	6.95	79	10340	0.695	ng	# 45
16) 2,2'-oxybis(1-Chloropropan	7.06	45	150	0.004	ng	# 1
17) 2-Methylphenol	7.05	107	129	0.009	ng	# 1
18) Hexachloroethane	7.29	117	5536	0.769	ng	# 1
19) n-Nitroso-di-n-propylamine	7.23	70	6501	0.504	ng	# 83
20) 3+4-Methylphenols	7.20	107	1930	0.113	ng	# 1
22) Acetophenone	7.19	105	80693	4.285	ng	# 35
24) Nitrobenzene	7.36	77	3926	0.265	ng	# 42
25) Isophorone	7.61	82	19082	0.781	ng	# 1
26) 2-Nitrophenol	7.67	139	227	0.031	ng	# 1
27) 2,4-Dimethylphenol	7.74	122	2313	0.209	ng	# 1
28) bis(2-Chloroethoxy)methane	7.82	93	2345	0.140	ng	# 1
29) 2,4-Dichlorophenol	7.93	162	1685	0.146	ng	# 1
30) 1,2,4-Trichlorobenzene	8.02	180	264	0.022	ng	# 5
31) Naphthalene	8.10	128	30909	0.818	ng	# 94
32) Benzoic acid	7.87	122	1181	0.129	ng	# 1
33) 4-Chloroaniline	8.13	127	2854	0.177	ng	# 1
35) Caprolactam	8.51	113	31055	7.685	ng	# 1
36) 4-Chloro-3-methylphenol	8.62	107	1746	0.142	ng	# 20
37) 2-Methylnaphthalene	8.79	142	57849	2.369	ng	97
38) 1-Methylnaphthalene	8.89	142	41908	1.778	ng	# 97
43) 2,4,6-Trichlorophenol	9.07	196	609	0.089	ng	# 12
44) 2,4,5-Trichlorophenol	9.11	196	1094	0.152	ng	# 1
46) 1,1'-Biphenyl	9.25	154	19674	0.681	ng	92
47) 2-Chloronaphthalene	9.30	162	663	0.030	ng	# 1
48) 2-Nitroaniline	9.38	65	832	0.116	ng	# 31

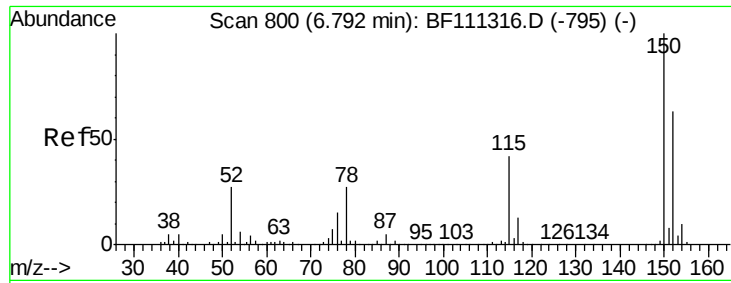
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121218\
 Data File : BF111339.D
 Acq On : 12 Dec 2018 23:23
 Operator : JU/SJ
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Acenaphthylene	9.69	152	6674	0.206	ng	# 23
50) Dimethylphthalate	9.55	163	62576	2.570	ng	# 97
51) 2,6-Dinitrotoluene	9.49	165	1686	0.312	ng	# 1
52) Acenaphthene	9.86	154	21206	1.040	ng	# 97
53) 3-Nitroaniline	9.79	138	1066	0.164	ng	# 33
54) 2,4-Dinitrophenol	9.77	184	124	0.059	ng	# 1
55) Dibenzofuran	10.03	168	14263	0.485	ng	# 63
56) 4-Nitrophenol	9.94	139	2017	0.432	ng	# 1
57) 2,4-Dinitrotoluene	10.03	165	1834	0.265	ng	# 58
58) Fluorene	10.37	166	27089	1.286	ng	# 96
59) 2,3,4,6-Tetrachlorophenol	10.27	232	110	0.020	ng	# 1
60) Diethylphthalate	10.25	149	11082	0.452	ng	# 85
61) 4-Chlorophenyl-phenylether	10.32	204	713	0.068	ng	# 1
62) 4-Nitroaniline	10.40	138	267	0.043	ng	# 2
63) Azobenzene	10.49	77	851	0.034	ng	# 42
65) 4,6-Dinitro-2-methylphenol	10.55	198	109	0.033	ng	# 1
66) n-Nitrosodiphenylamine	10.49	169	12377	0.610	ng	# 68
67) 4-Bromophenyl-phenylether	10.62	248	9581	1.508	ng	# 1
69) Atrazine	11.01	200	1748	0.298	ng	# 64
71) Phenanthrene	11.39	178	57868	1.962	ng	# 96
72) Anthracene	11.39	178	57868	1.927	ng	# 97
73) Carbazole	11.54	167	8548	0.275	ng	# 70
74) Di-n-butylphthalate	11.88	149	5666	0.160	ng	# 70
75) Fluoranthene	12.53	202	208339	7.235	ng	# 98
77) Benzidine	12.63	184	668	0.092	ng	# 1
78) Pyrene	12.76	202	262924	8.819	ng	# 96
80) Butylbenzylphthalate	13.34	149	803	0.056	ng	# 41
81) Benzo(a)anthracene	13.94	228	95237	4.406	ng	# 95
82) 3,3'-Dichlorobenzidine	13.92	252	411	0.050	ng	# 42
83) Chrysene	13.97	228	90072	4.085	ng	# 95
84) Bis(2-ethylhexyl)phthalate	13.94	149	8529	0.487	ng	# 82
85) Di-n-octyl phthalate	14.56	149	3008	0.105	ng	# 64
86) Indeno(1,2,3-cd)pyrene	16.80	276	27005	1.566	ng	# 95
88) Benzo(b)fluoranthene	14.97	252	93261	5.440	ng	# 73
89) Benzo(k)fluoranthene	14.97	252	93261	5.450	ng	# 72
90) Benzo(a)pyrene	15.33	252	59873	3.751	ng	# 79
91) Dibenzo(a,h)anthracene	16.81	278	8111	0.611	ng	# 1
92) Benzo(g,h,i)perylene	17.23	276	26710	2.012	ng	# 91

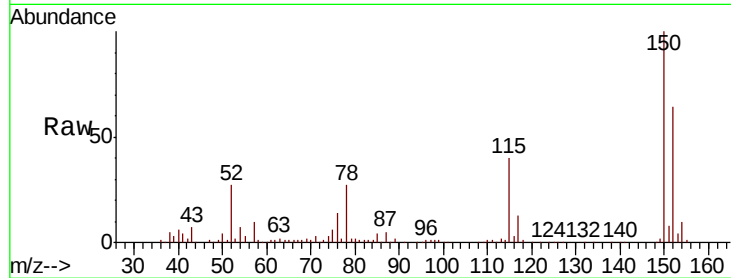
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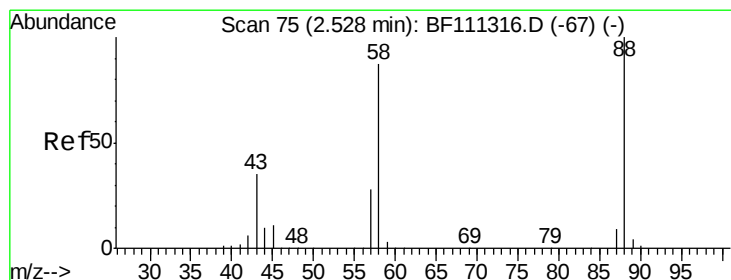
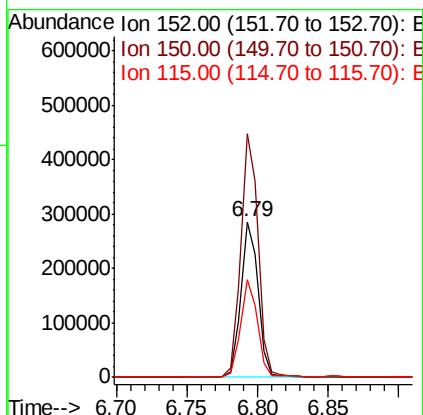
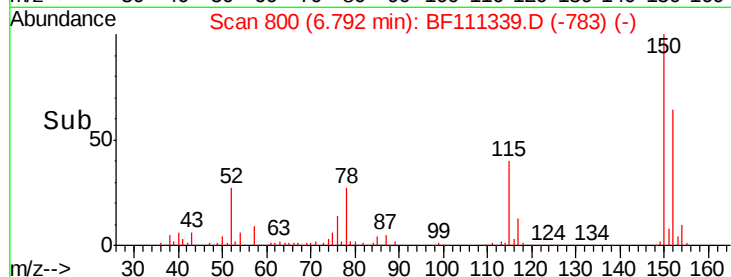
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF111339.D
 Acq: 12 Dec 2018 23:23

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-121118-B

Tgt Ion: 152 Resp: 243527
 Ion Ratio Lower Upper
 152 100
 150 156.3 126.6 189.8
 115 62.5 50.7 76.1

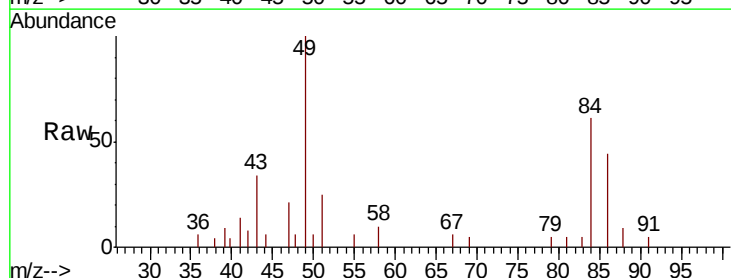


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

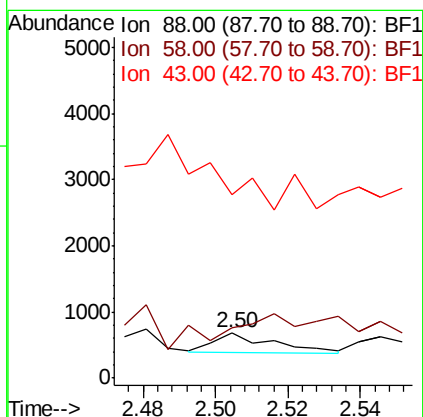
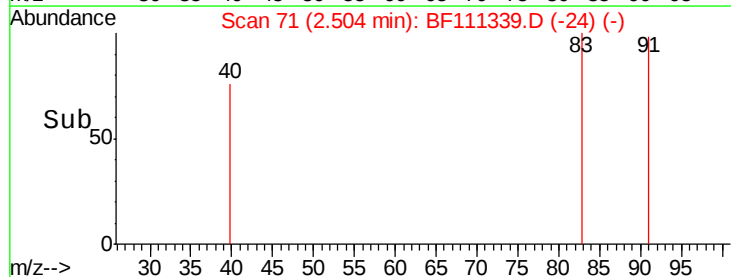


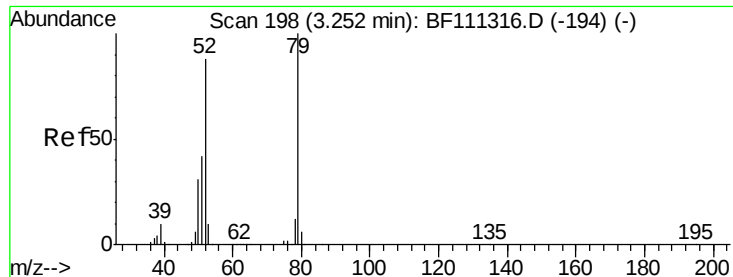
#2
 1,4-Dioxane
 Concen: 0.049 ng
 RT: 2.50 min Scan# 71
 Delta R.T. -0.02 min
 Lab File: BF111339.D
 Acq: 12 Dec 2018 23:23

Tgt Ion: 88 Resp: 354
 Ion Ratio Lower Upper
 88 100
 58 132.2 68.9 103.3#
 43 0.0 25.8 38.6#



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 0.013 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.01 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

Instrument :

BNA_F

ClientSampleId :

HR-05-121118-B

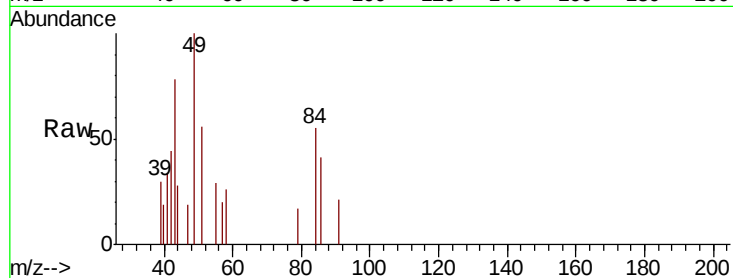
Tgt Ion: 79 Resp: 222

Ion Ratio Lower Upper

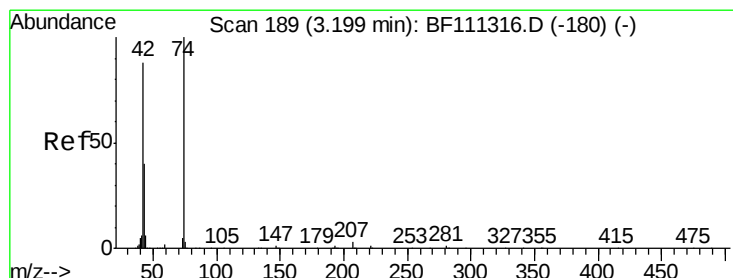
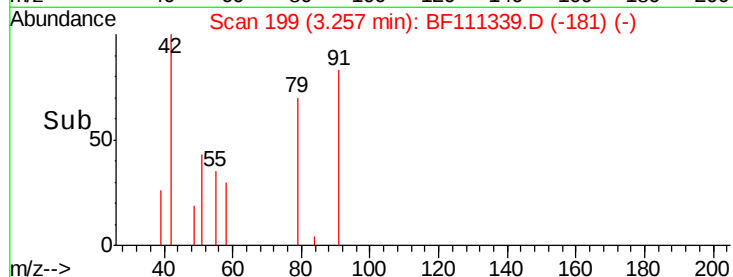
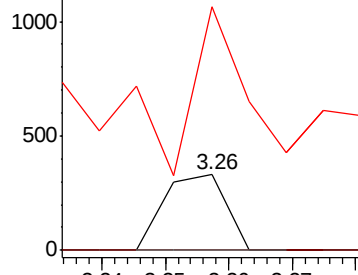
79 100

52 0.0 68.3 102.5#

51 322.4 32.6 49.0#



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: 0.023 ng

RT: 3.20 min Scan# 189

Delta R.T. -0.00 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

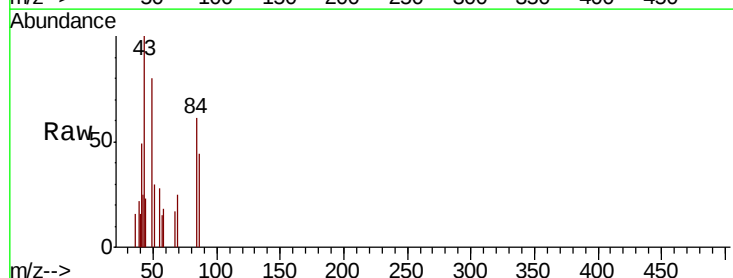
Tgt Ion: 42 Resp: 188

Ion Ratio Lower Upper

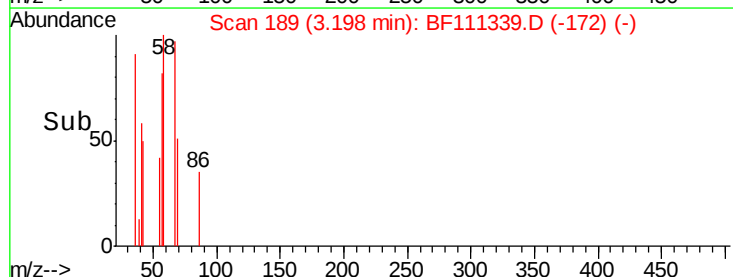
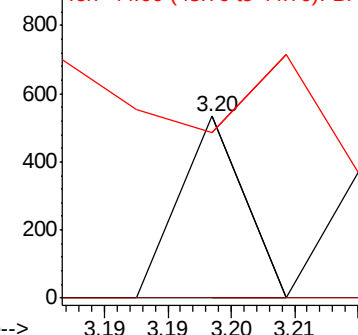
42 100

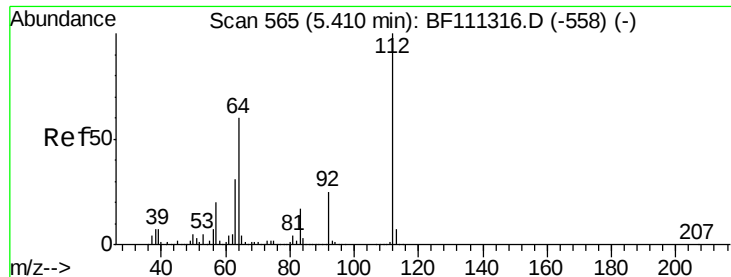
74 0.0 101.5 152.3#

44 91.4 6.0 9.0#



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: 56.117 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

Instrument :

BNA_F

ClientSampleId :

HR-05-121118-B

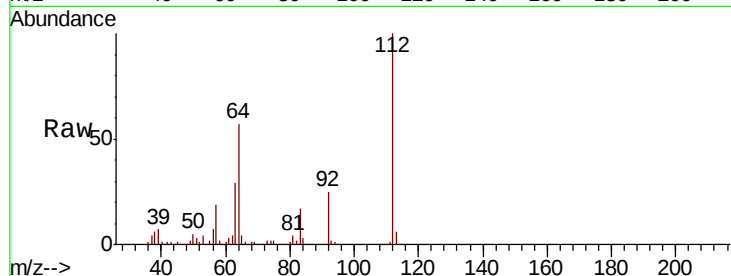
Tgt Ion: 112 Resp: 808153

Ion Ratio Lower Upper

112 100

64 57.2 51.8 77.6

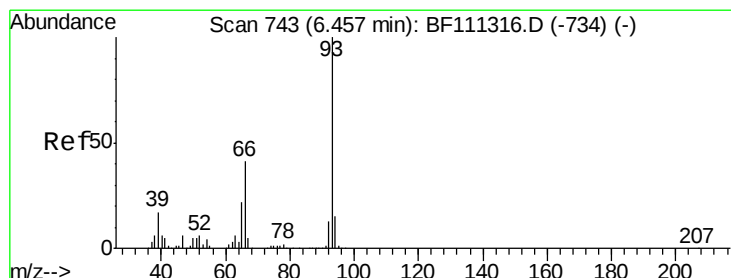
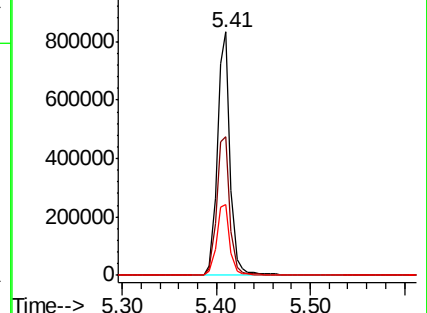
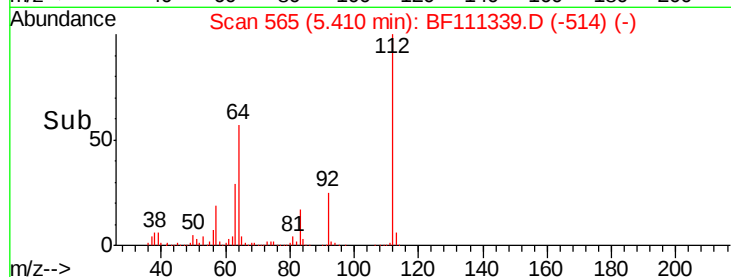
63 29.2 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.038 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.02 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

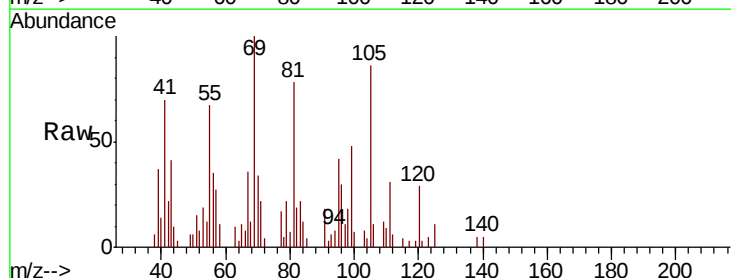
Tgt Ion: 93 Resp: 885

Ion Ratio Lower Upper

93 100

66 128.2 33.2 49.8#

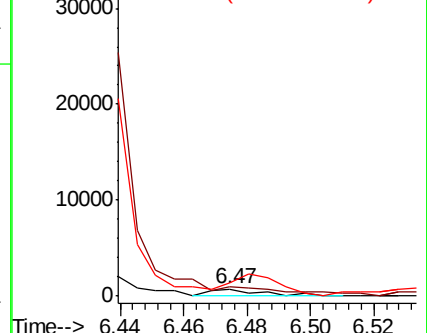
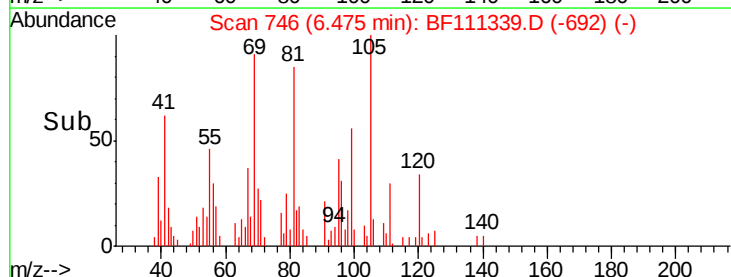
65 175.4 17.0 25.4#

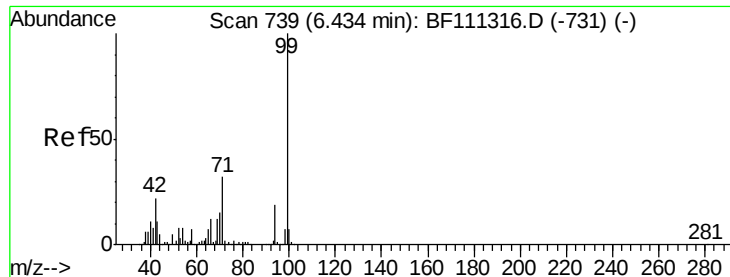


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 51.331 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

Instrument :

BNA_F

ClientSampleId :

HR-05-121118-B

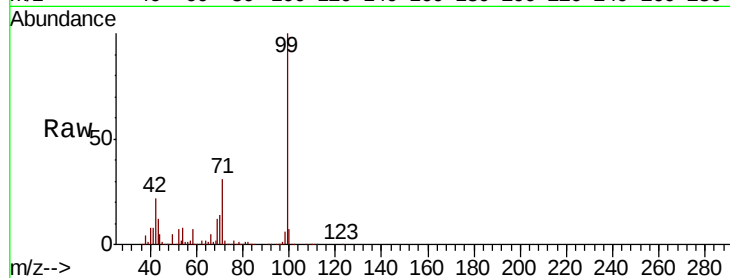
Tgt Ion: 99 Resp: 996665

Ion Ratio Lower Upper

99 100

42 21.8 17.4 26.0

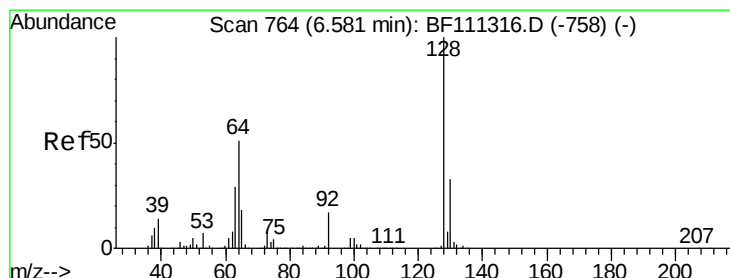
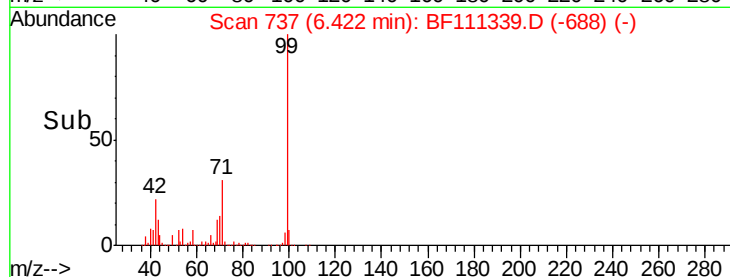
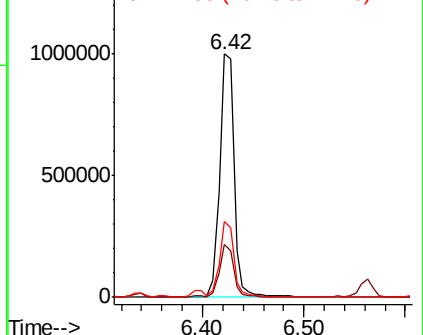
71 31.1 26.1 39.1



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



#8

2-Chlorophenol

Concen: 0.013 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

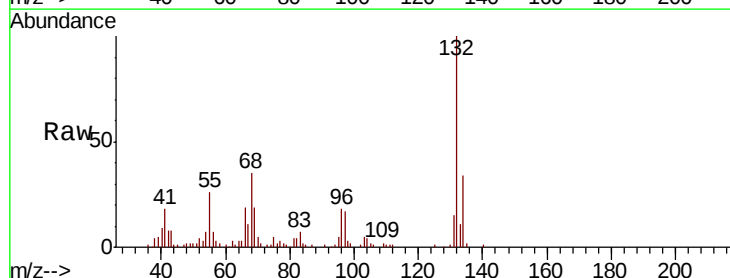
Tgt Ion: 128 Resp: 231

Ion Ratio Lower Upper

128 100

130 169.8 12.7 52.7#

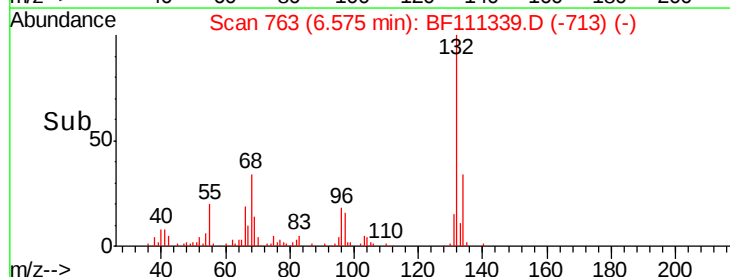
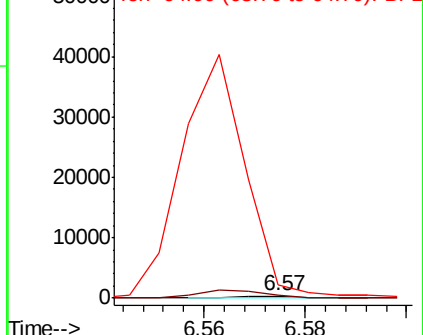
64 624.5 30.0 70.0#

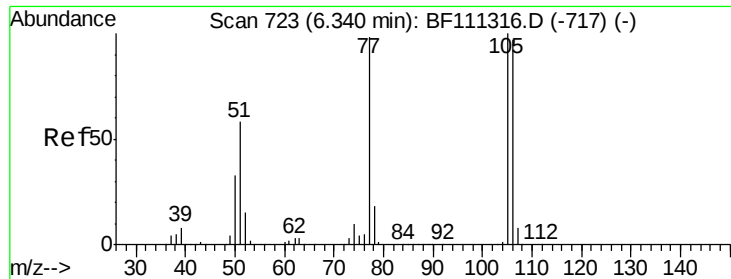


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: Below Cal

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

Instrument :

BNA_F

ClientSampleId :

HR-05-121118-B

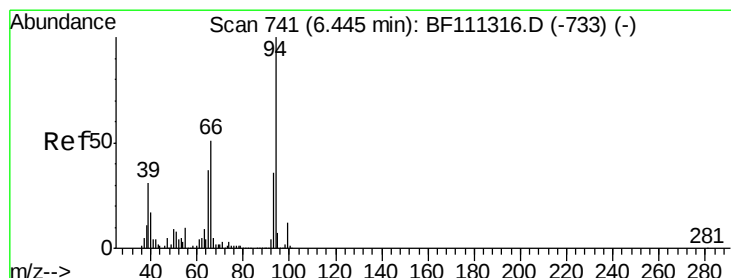
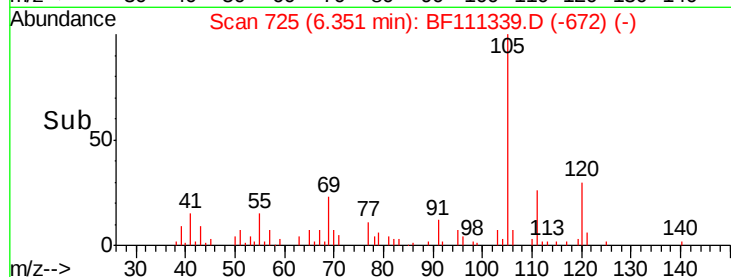
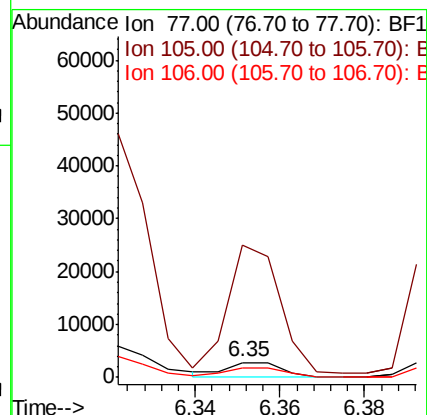
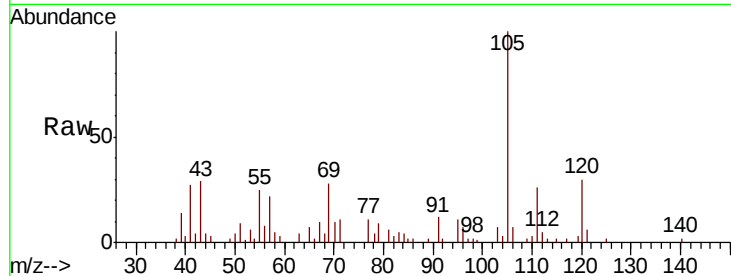
Tgt Ion: 77 Resp: 2535

Ion Ratio Lower Upper

77 100

105 898.9 81.4 121.4#

106 65.2 77.9 117.9#



#10

Phenol

Concen: 3.191 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

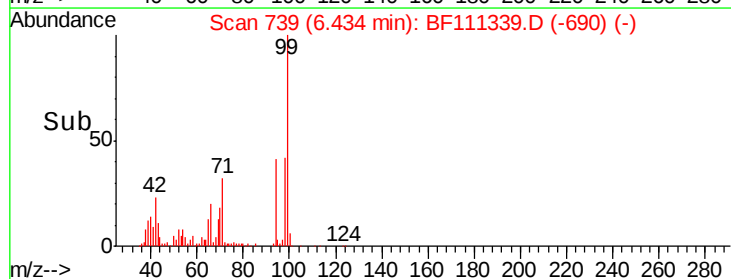
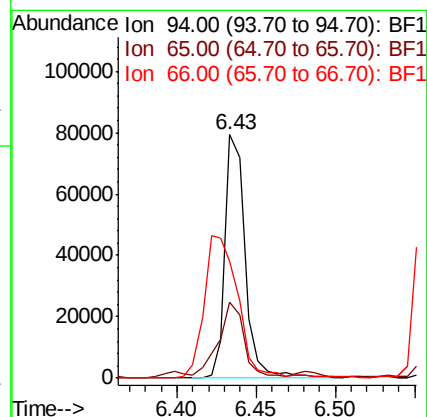
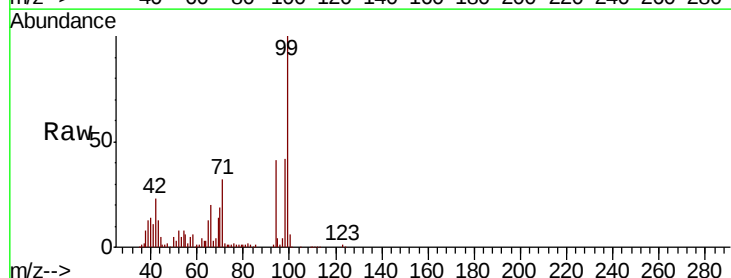
Tgt Ion: 94 Resp: 70187

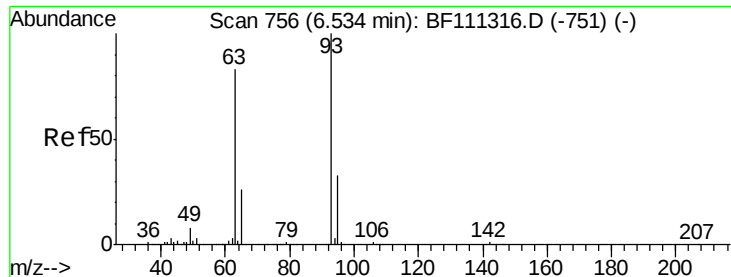
Ion Ratio Lower Upper

94 100

65 30.9 11.7 51.7

66 47.9 21.0 61.0

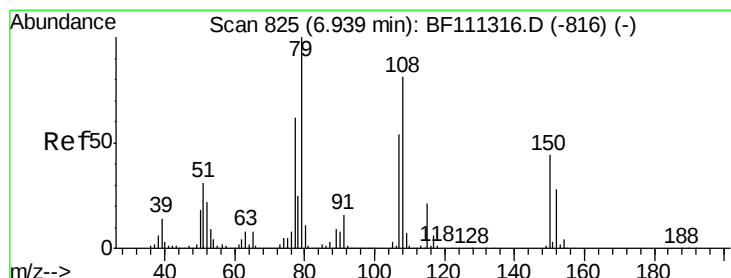
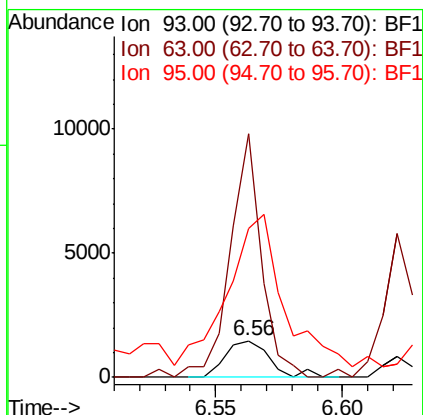
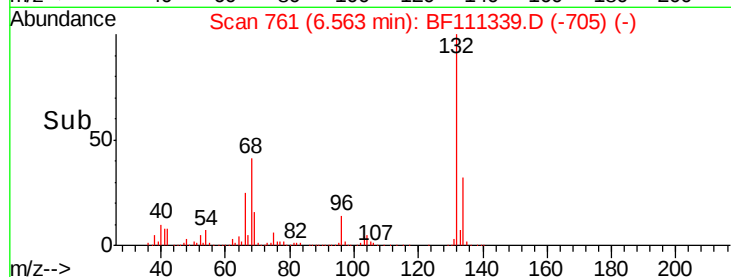
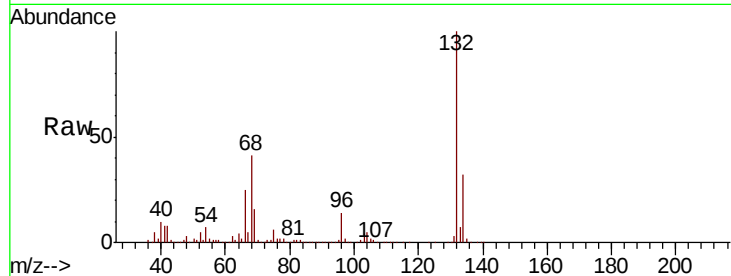




#11
bis(2-Chloroethyl)ether
Concen: 0.102 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.03 min
Lab File: BF111339.D
Acq: 12 Dec 2018 23:23

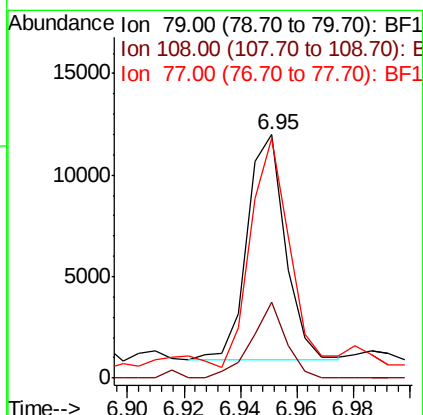
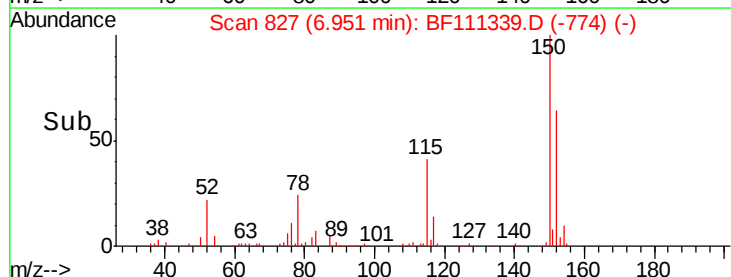
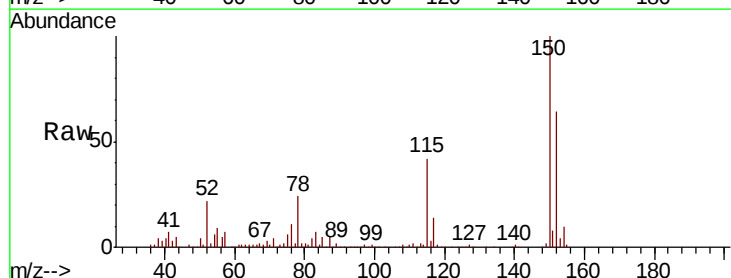
Instrument :
BNA_F
ClientSampleId :
HR-05-121118-B

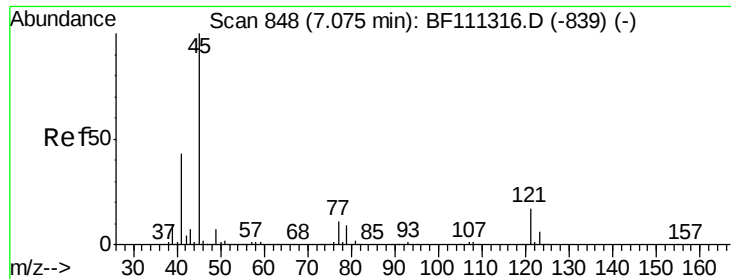
Tgt Ion: 93 Resp: 1771
Ion Ratio Lower Upper
93 100
63 665.3 60.0 100.0#
95 408.5 13.4 53.4#



#15
Benzyl Alcohol
Concen: 0.695 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.01 min
Lab File: BF111339.D
Acq: 12 Dec 2018 23:23

Tgt Ion: 79 Resp: 10340
Ion Ratio Lower Upper
79 100
108 31.1 69.4 104.2#
77 98.6 49.7 74.5#

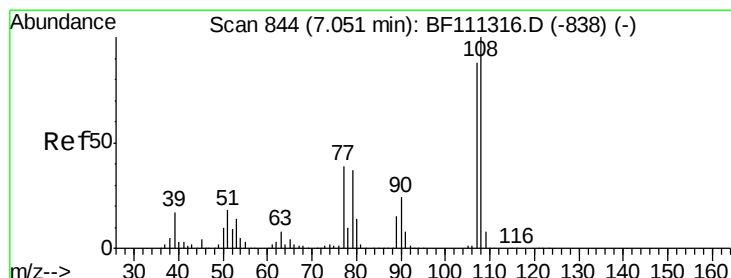
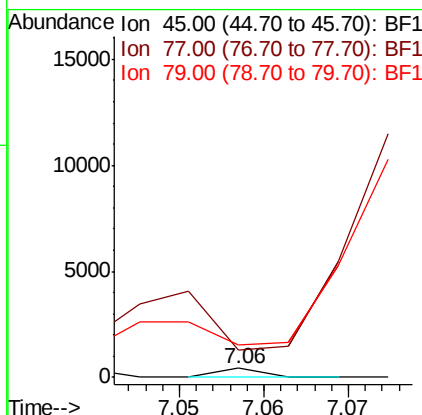
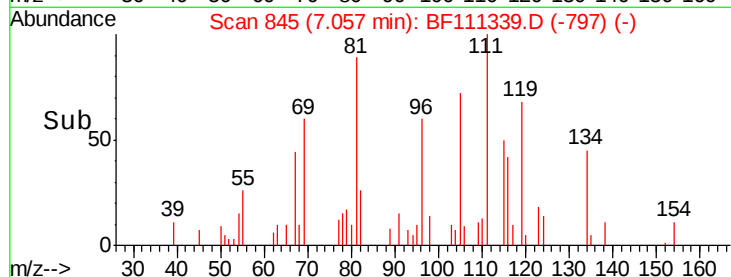
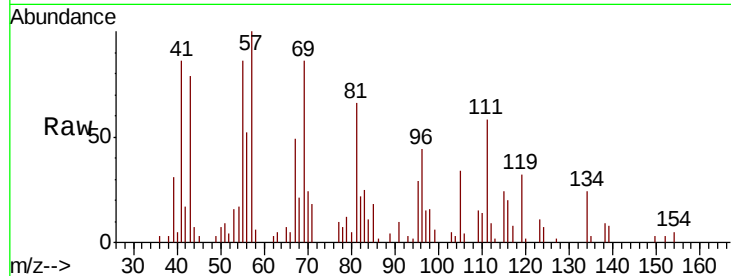




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.004 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.02 min
Lab File: BF111339.D
Acq: 12 Dec 2018 23:23

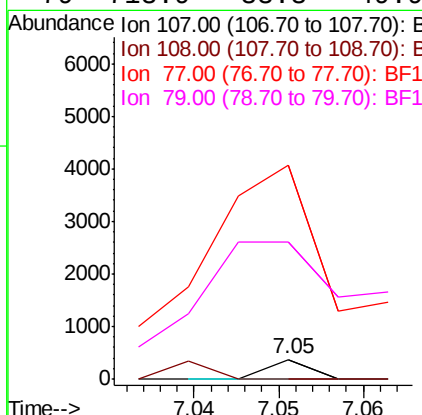
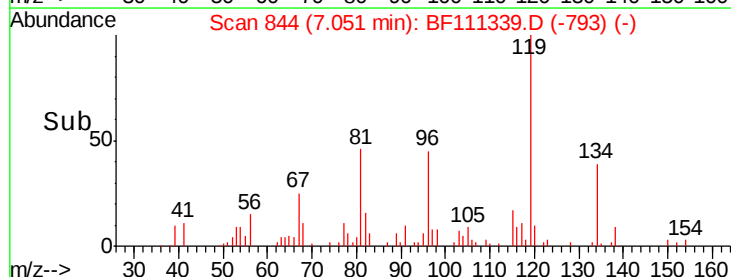
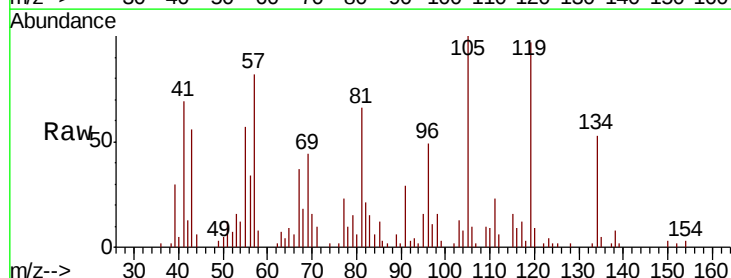
Instrument :
BNA_F
ClientSampleId :
HR-05-121118-B

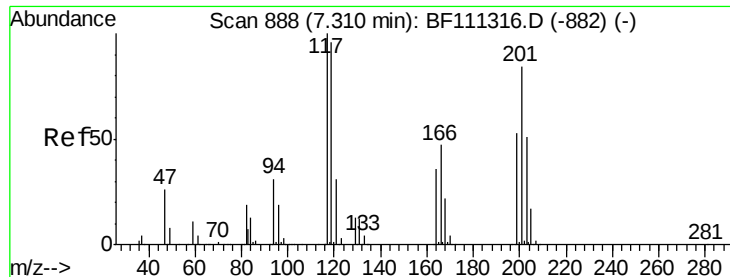
Tgt Ion: 45 Resp: 150
Ion Ratio Lower Upper
45 100
77 306.1 0.0 31.5#
79 366.1 0.0 28.9#



#17
2-Methylphenol
Concen: 0.009 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF111339.D
Acq: 12 Dec 2018 23:23

Tgt Ion: 107 Resp: 129
Ion Ratio Lower Upper
107 100
108 0.0 91.0 136.4#
77 1107.9 33.5 50.3#
79 713.9 33.3 49.9#





#18

Hexachloroethane

Concen: 0.769 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.02 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

Instrument :

BNA_F

ClientSampleId :

HR-05-121118-B

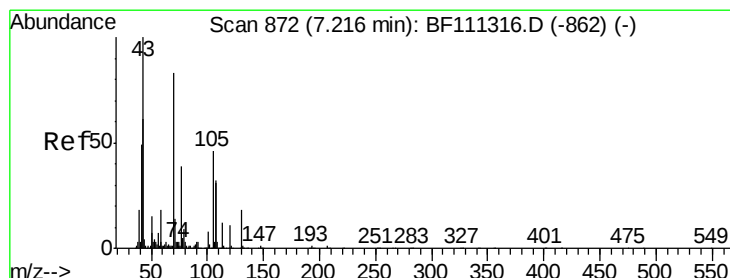
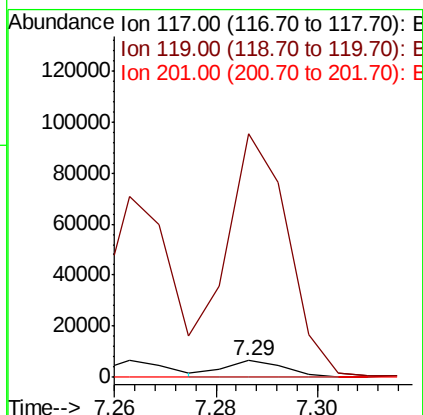
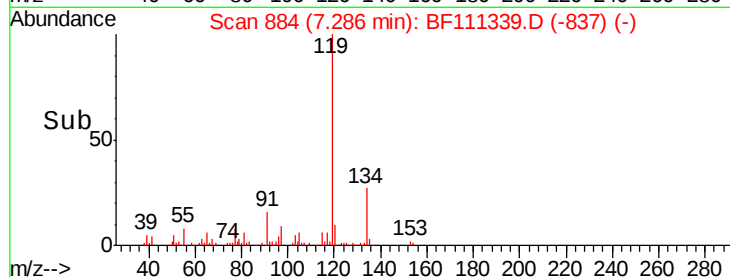
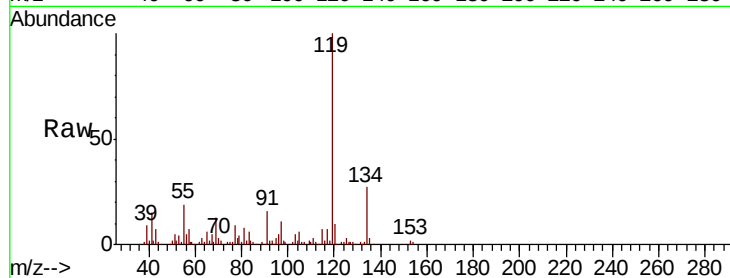
Tgt Ion:117 Resp: 5536

Ion Ratio Lower Upper

117 100

119 1466.4 75.4 113.0#

201 0.0 62.4 93.6#



#19

n-Nitroso-di-n-propylamine

Concen: 0.504 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.01 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

Tgt Ion: 70 Resp: 6501

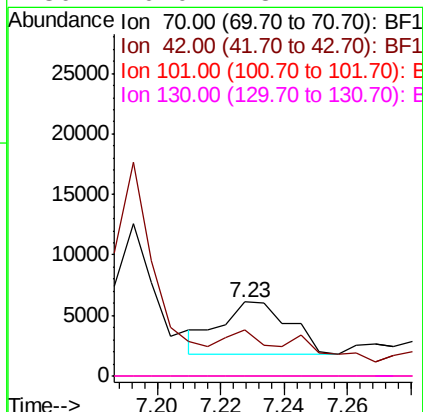
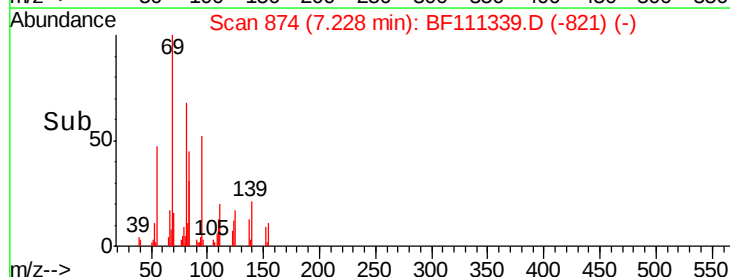
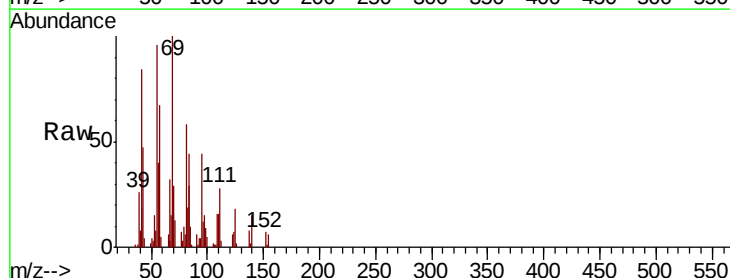
Ion Ratio Lower Upper

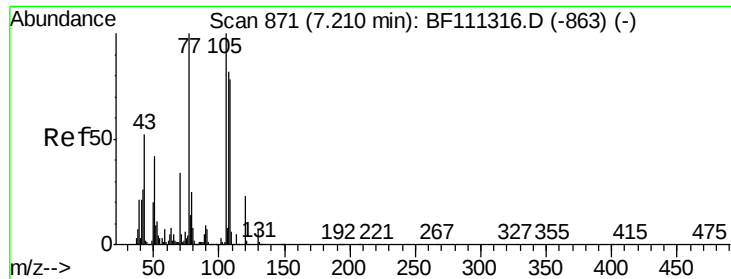
70 100

42 62.4 53.2 79.8

101 0.0 8.2 12.4#

130 0.0 18.1 27.1#

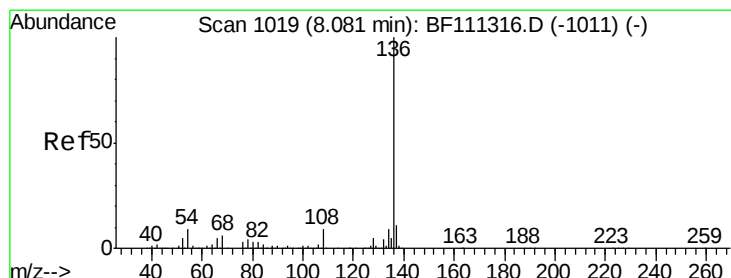
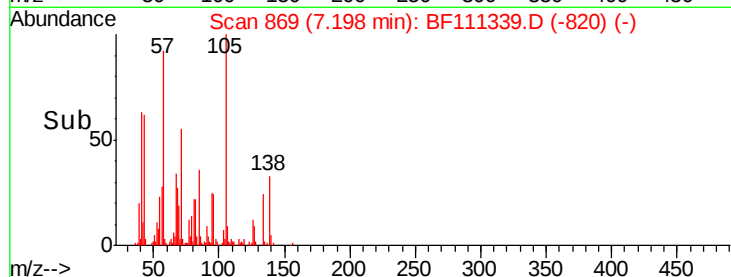
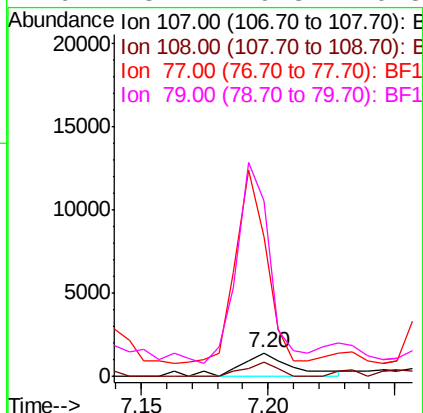
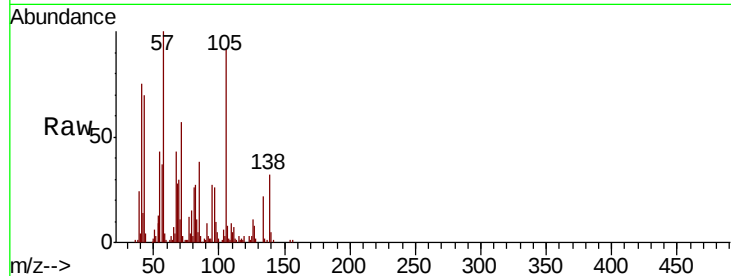




#20
3+4-Methylphenols
Concen: 0.113 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF111339.D
Acq: 12 Dec 2018 23:23

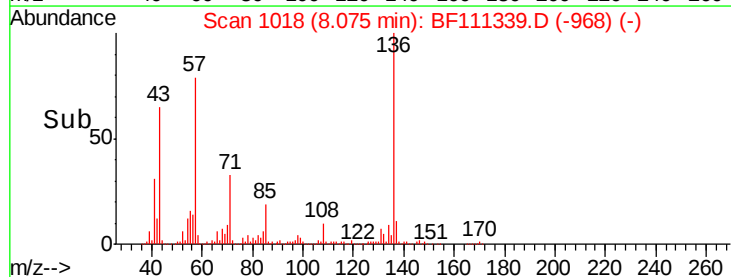
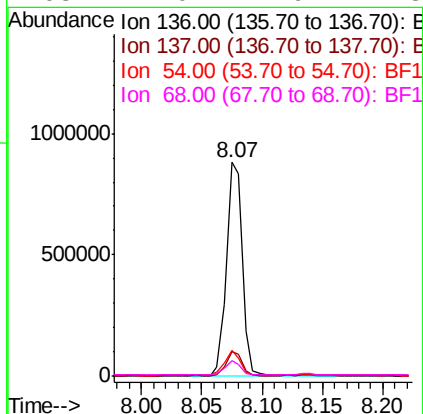
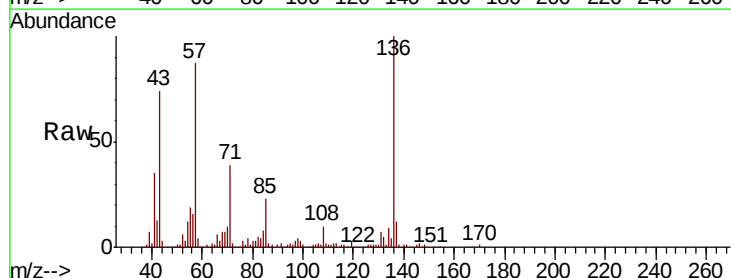
Instrument :
BNA_F
ClientSampleId :
HR-05-121118-B

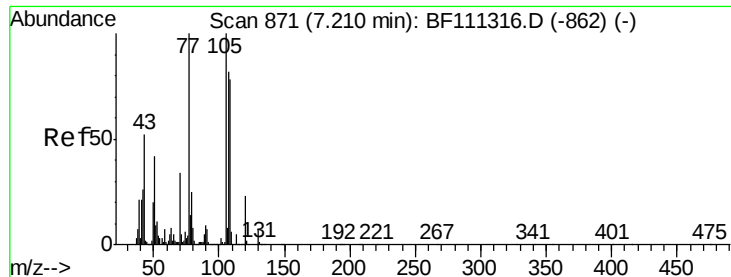
Tgt Ion:	107	Resp:	1930
Ion	Ratio	Lower	Upper
107	100		
108	59.3	72.1	112.1#
77	594.5	94.1	134.1#
79	748.4	9.8	49.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111339.D
Acq: 12 Dec 2018 23:23

Tgt Ion:	136	Resp:	810734
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	11.8	7.7	11.5#
68	7.0	4.9	7.3





#22

Acetophenone

Concen: 4.285 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.02 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

Instrument :

BNA_F

ClientSampleId :

HR-05-121118-B

Tgt Ion:105 Resp: 80693

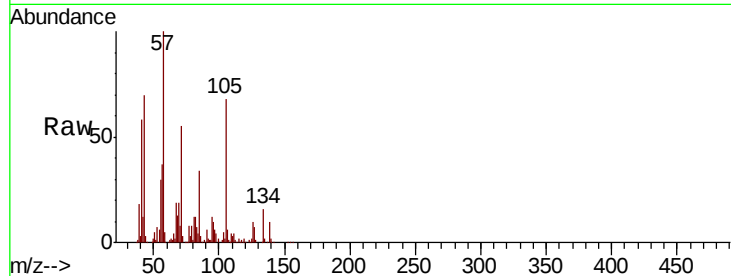
Ion Ratio Lower Upper

105 100

71 81.0 3.1 4.7#

51 6.8 36.6 54.8#

120 0.3 18.2 27.4#

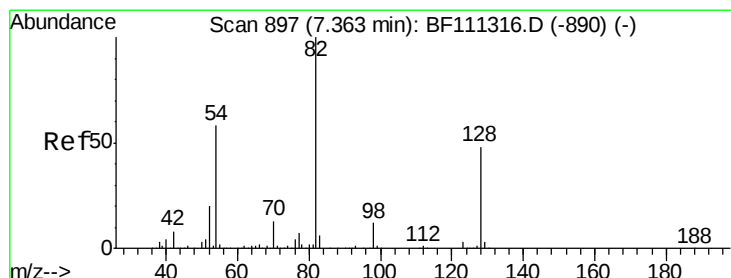
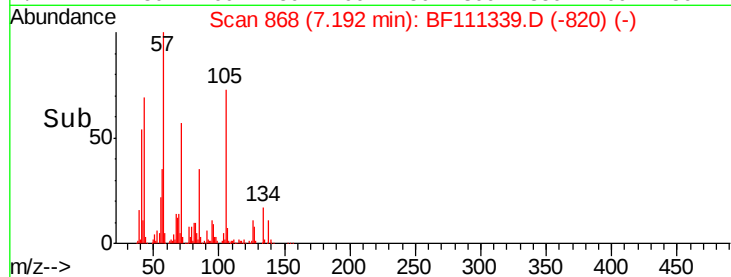
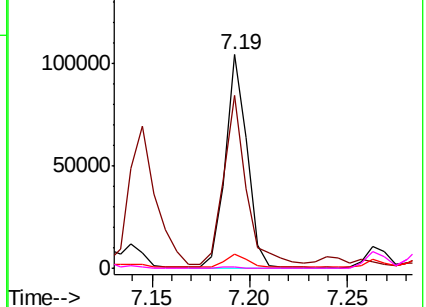


Abundance Ion 105.00 (104.70 to 105.70): E

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: 37.051 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

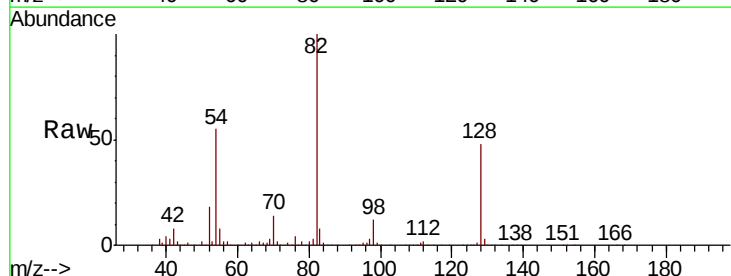
Tgt Ion: 82 Resp: 532948

Ion Ratio Lower Upper

82 100

128 47.6 37.4 56.2

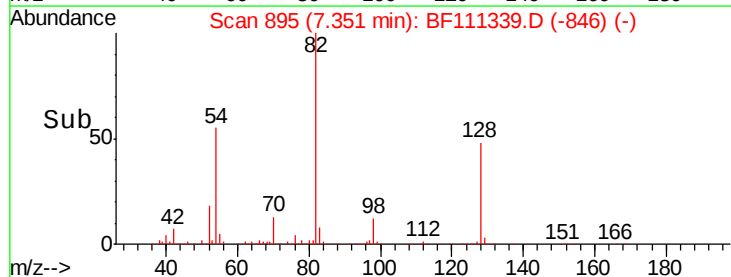
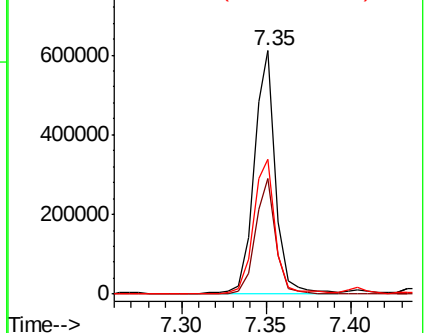
54 55.4 47.6 71.4

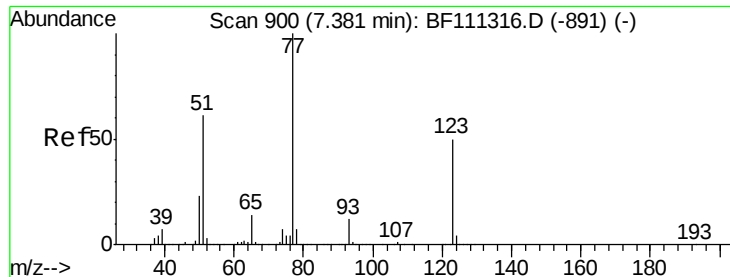


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 0.265 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

Instrument :

BNA_F

ClientSampleId :

HR-05-121118-B

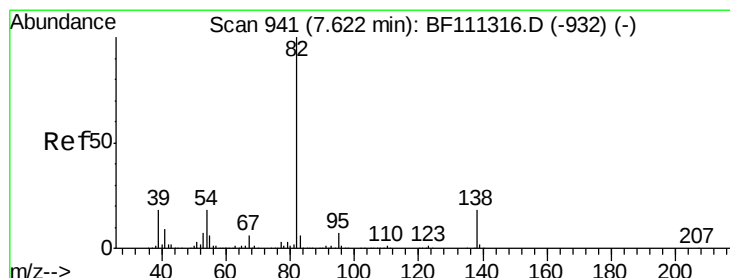
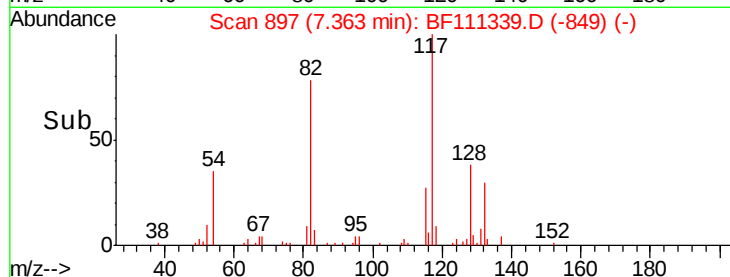
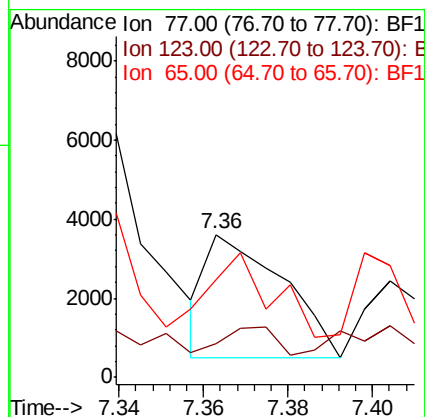
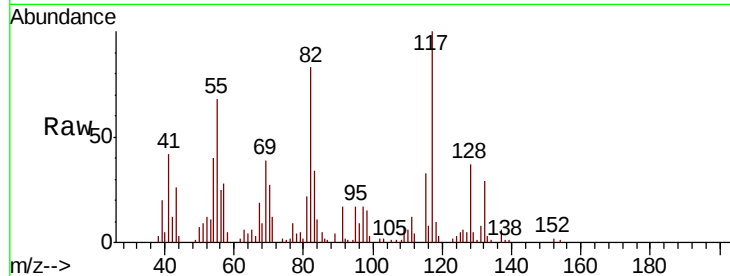
Tgt Ion: 77 Resp: 3926

Ion Ratio Lower Upper

77 100

123 23.2 37.2 55.8#

65 68.6 11.5 17.3#



#25

Isophorone

Concen: 0.781 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

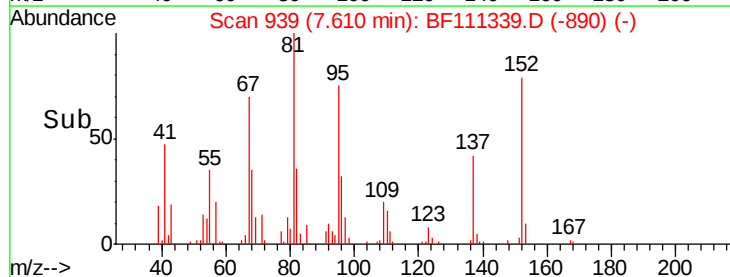
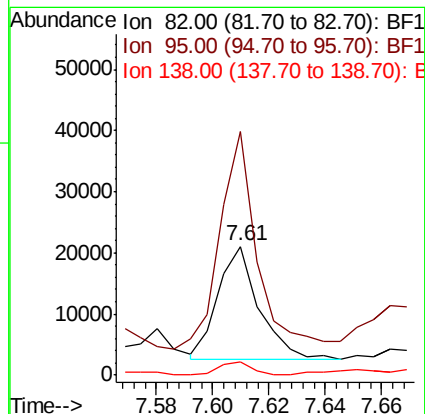
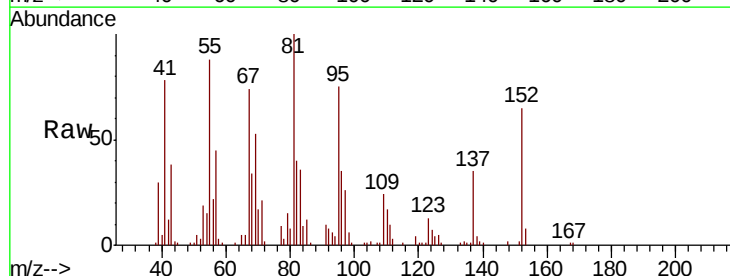
Tgt Ion: 82 Resp: 19082

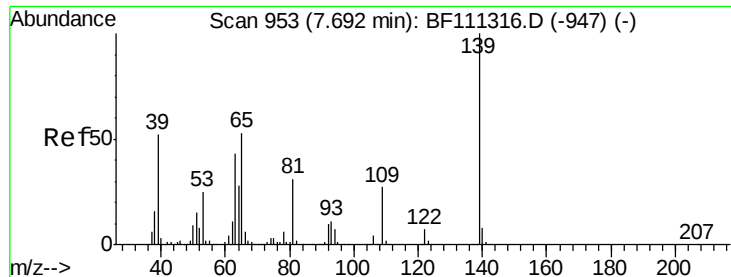
Ion Ratio Lower Upper

82 100

95 188.7 5.4 8.2#

138 10.1 15.1 22.7#





#26

2-Nitrophenol

Concen: 0.031 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

Instrument :

BNA_F

ClientSampleId :

HR-05-121118-B

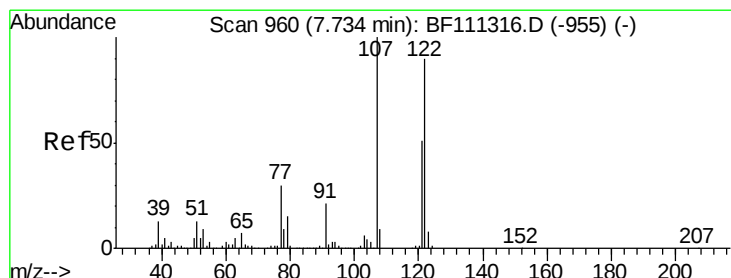
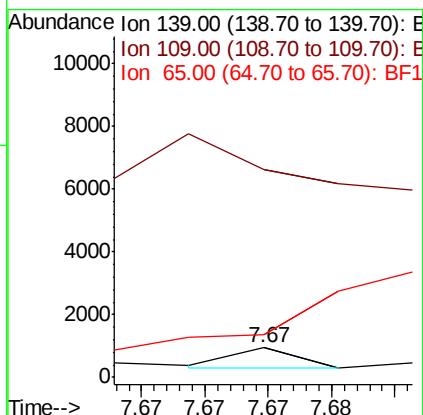
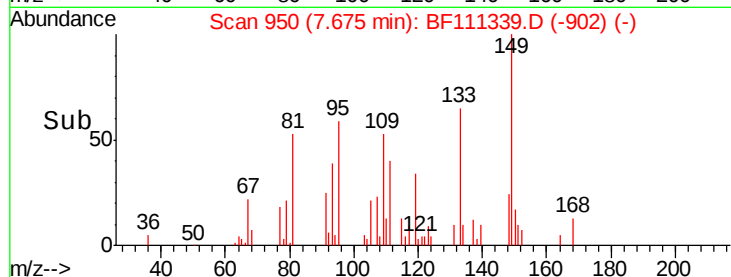
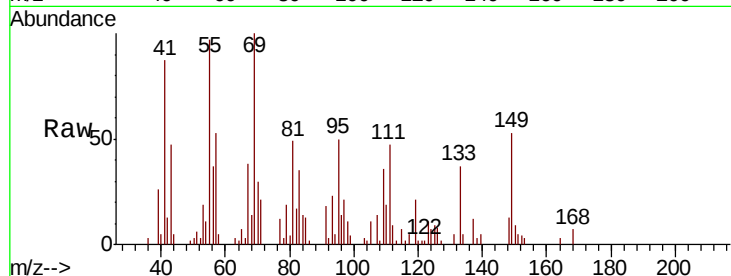
Tgt Ion:139 Resp: 227

Ion Ratio Lower Upper

139 100

109 699.2 20.2 30.4#

65 143.3 40.7 61.1#



#27

2,4-Dimethylphenol

Concen: 0.209 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

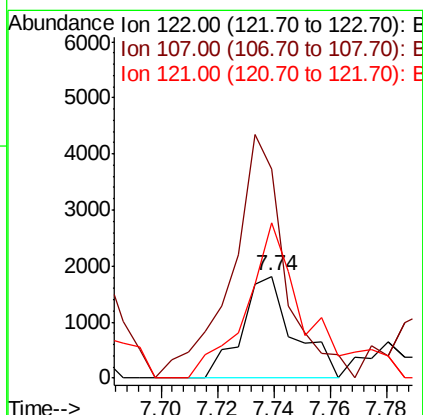
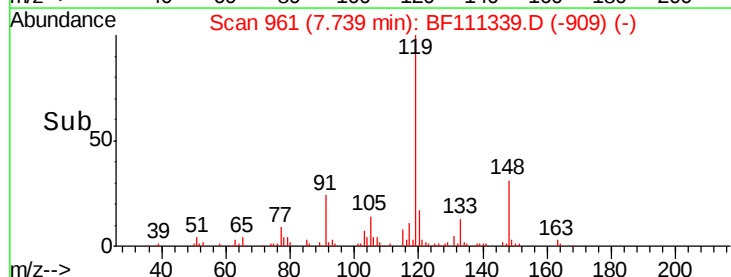
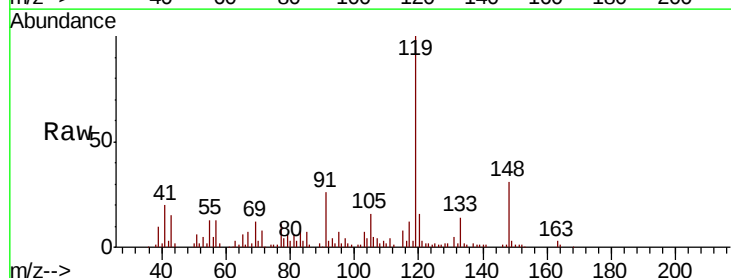
Tgt Ion:122 Resp: 2313

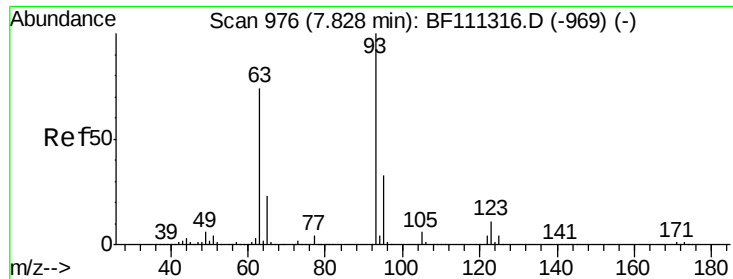
Ion Ratio Lower Upper

122 100

107 205.2 85.5 128.3#

121 152.3 46.6 70.0#

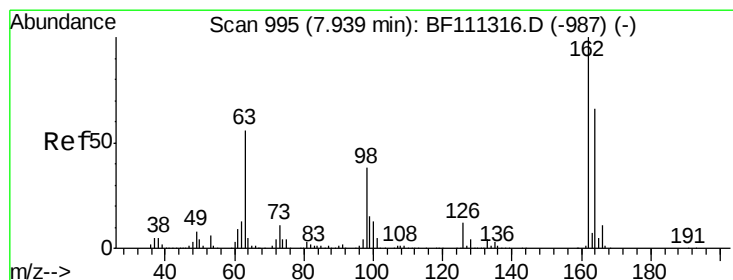
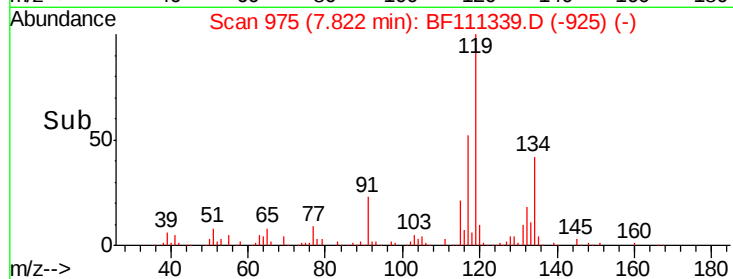
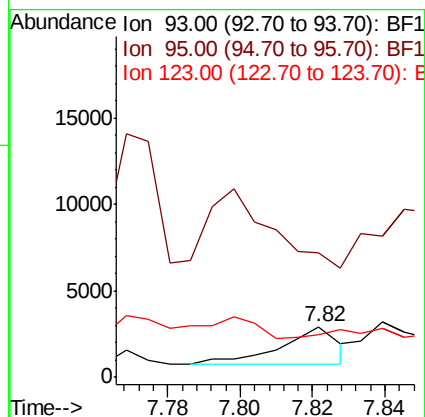
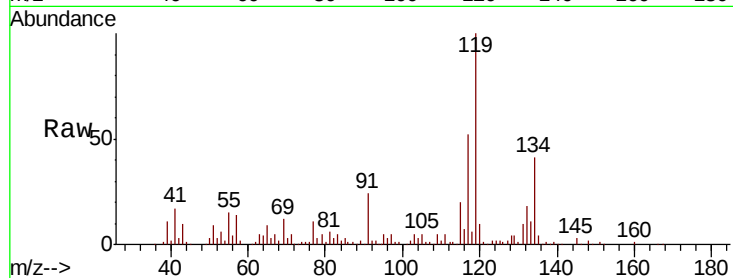




#28
bis(2-Chloroethoxy)methane
Concen: 0.140 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF111339.D
Acq: 12 Dec 2018 23:23

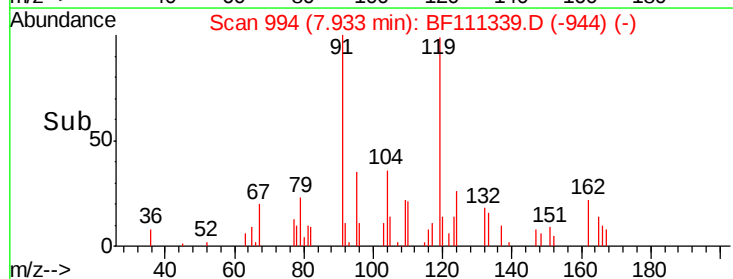
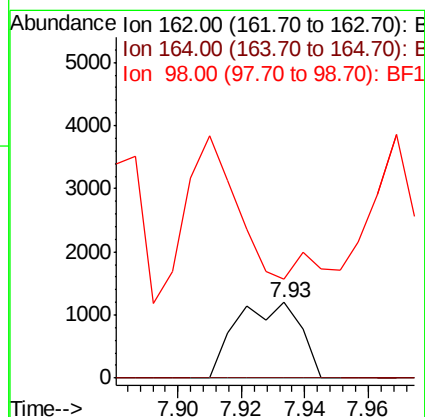
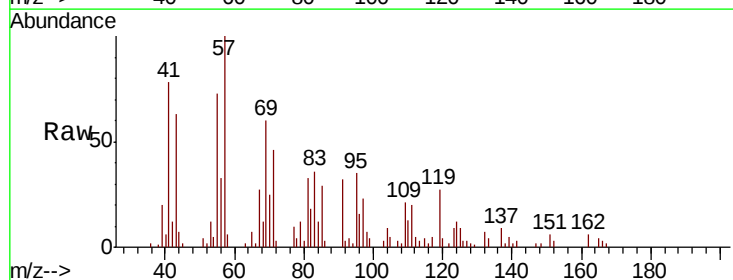
Instrument :
BNA_F
ClientSampleId :
HR-05-121118-B

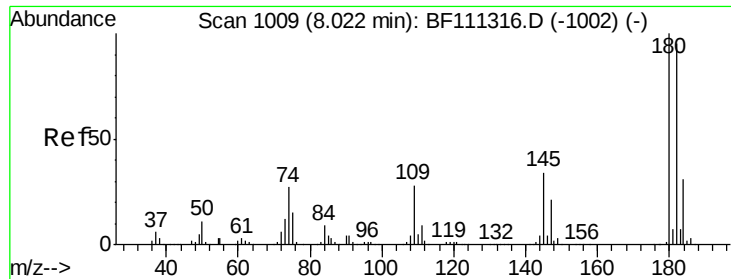
Tgt Ion: 93 Resp: 2345
Ion Ratio Lower Upper
93 100
95 246.7 27.1 40.7#
123 85.7 9.9 14.9#



#29
2,4-Dichlorophenol
Concen: 0.146 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF111339.D
Acq: 12 Dec 2018 23:23

Tgt Ion: 162 Resp: 1685
Ion Ratio Lower Upper
162 100
164 0.0 44.4 84.4#
98 131.1 20.3 60.3#

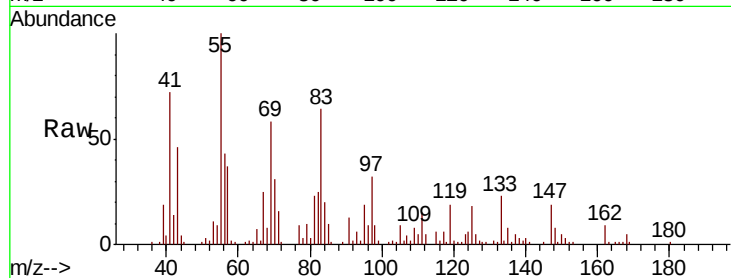




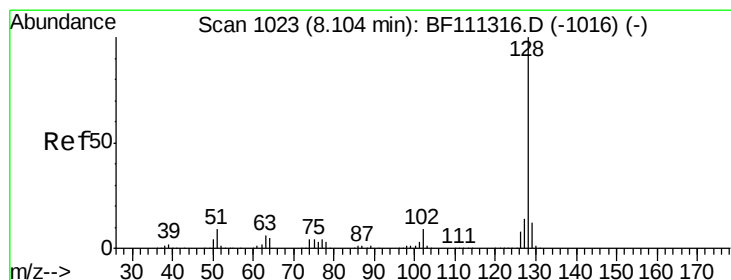
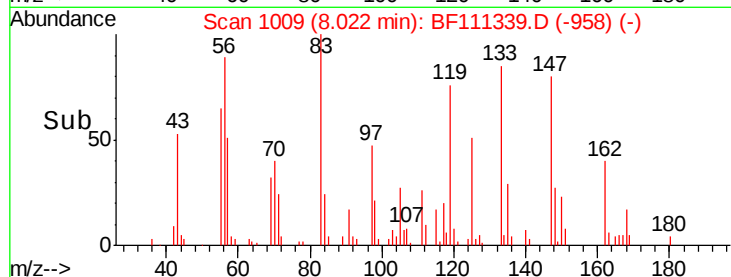
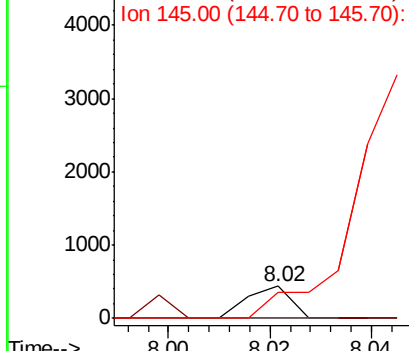
#30
1,2,4-Trichlorobenzene
Concen: 0.022 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF111339.D
Acq: 12 Dec 2018 23:23

Instrument :
BNA_F
ClientSampleId :
HR-05-121118-B

Tgt Ion:180 Resp: 264
Ion Ratio Lower Upper
180 100
182 0.0 75.6 113.4#
145 82.4 26.7 40.1#

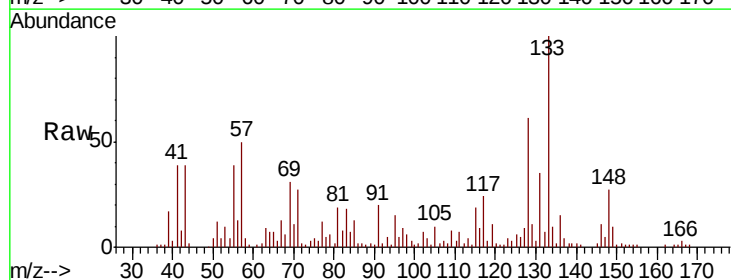


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

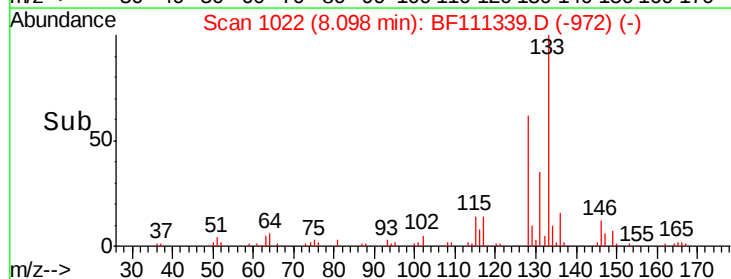
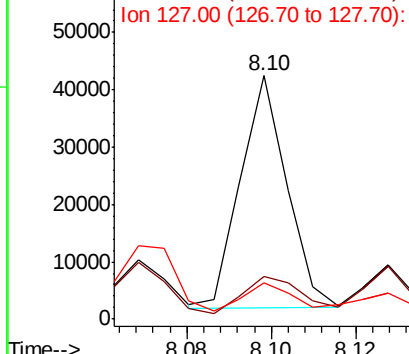


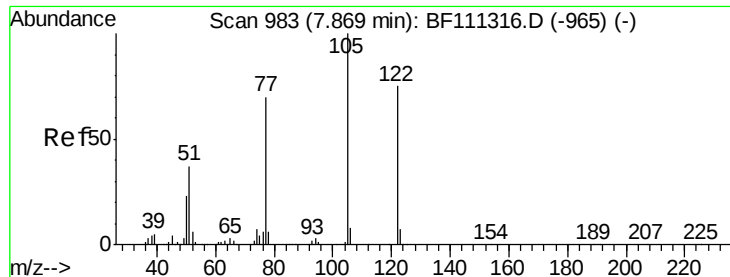
#31
Naphthalene
Concen: 0.818 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF111339.D
Acq: 12 Dec 2018 23:23

Tgt Ion:128 Resp: 30909
Ion Ratio Lower Upper
128 100
129 17.5 9.8 14.8#
127 14.8 12.0 18.0



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: 0.129 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.01 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

Instrument :

BNA_F

ClientSampleId :

HR-05-121118-B

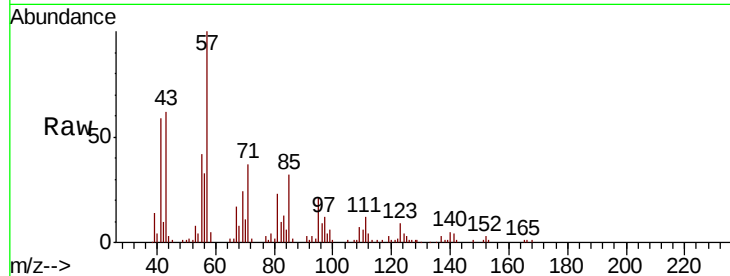
Tgt Ion:122 Resp: 1181

Ion Ratio Lower Upper

122 100

105 44.5 97.0 137.0#

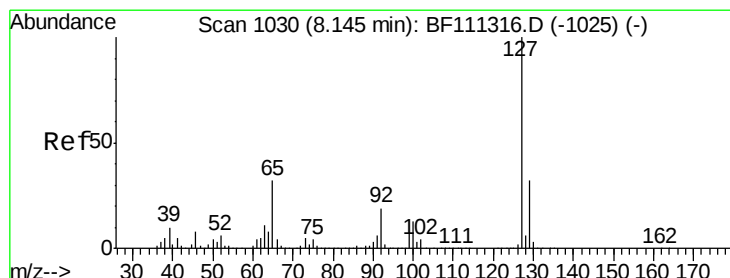
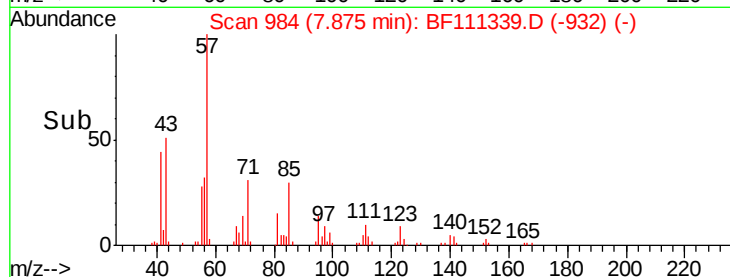
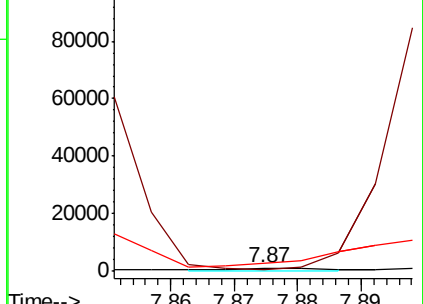
77 218.5 65.7 105.7#



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: 0.177 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

Tgt Ion:127 Resp: 2854

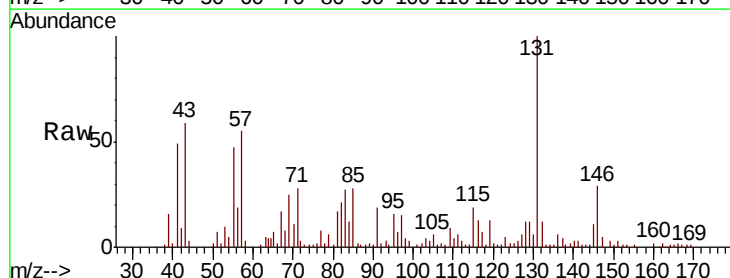
Ion Ratio Lower Upper

127 100

129 204.1 26.6 39.8#

65 116.2 25.7 38.5#

92 40.3 15.4 23.2#

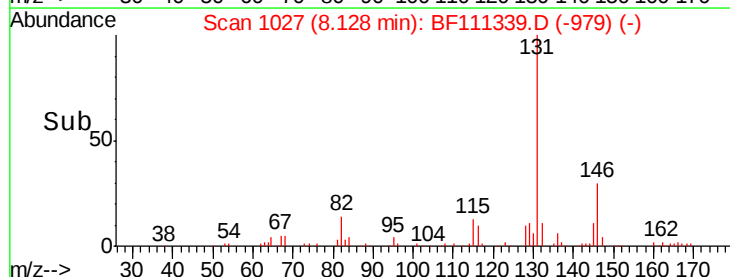
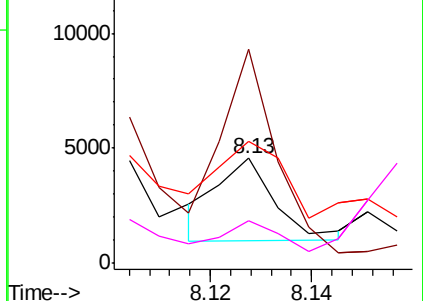


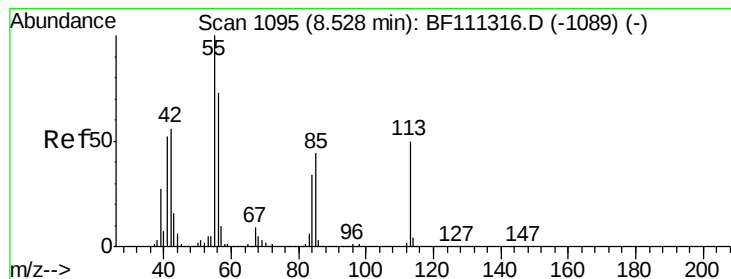
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#35

Caprolactam

Concen: 7.685 ng

RT: 8.51 min Scan# 1092

Delta R.T. -0.02 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

Instrument :

BNA_F

ClientSampleId :

HR-05-121118-B

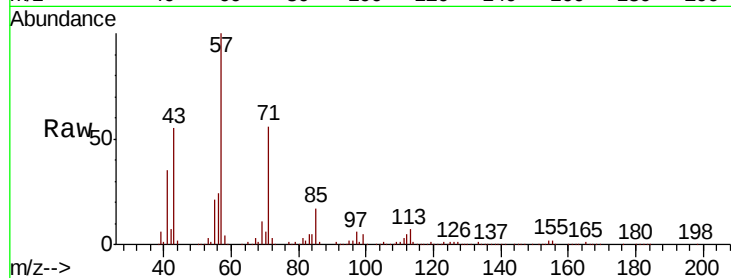
Tgt Ion:113 Resp: 31055

Ion Ratio Lower Upper

113 100

55 309.7 184.1 224.1#

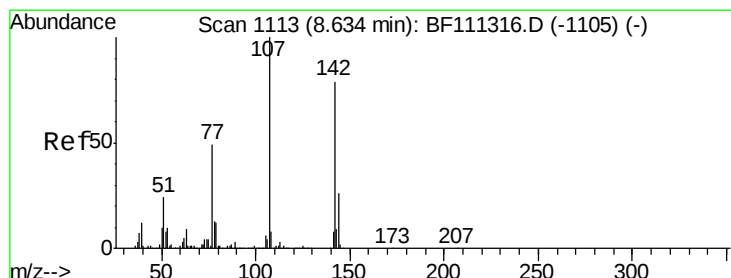
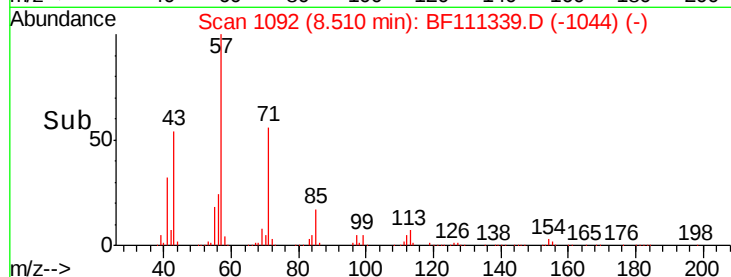
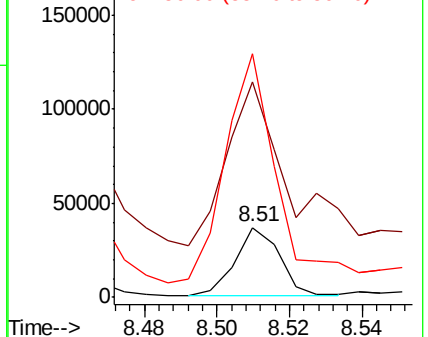
56 349.4 126.0 166.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 0.142 ng

RT: 8.62 min Scan# 1110

Delta R.T. -0.02 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

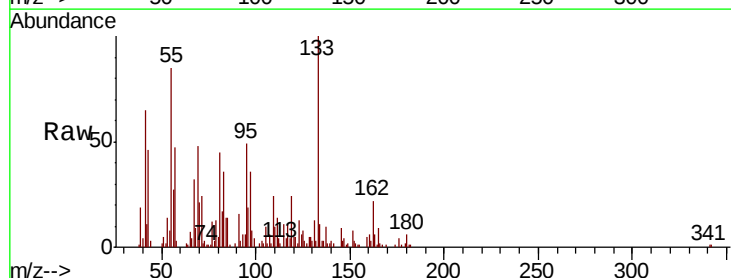
Tgt Ion:107 Resp: 1746

Ion Ratio Lower Upper

107 100

144 0.0 19.8 29.6#

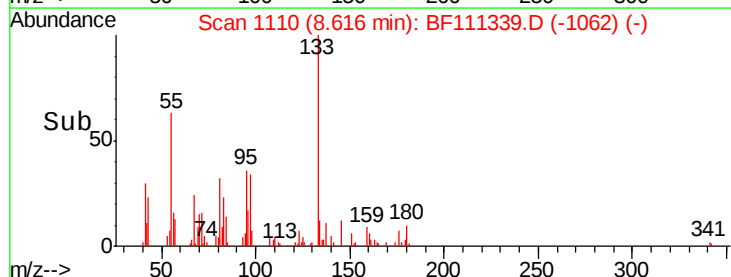
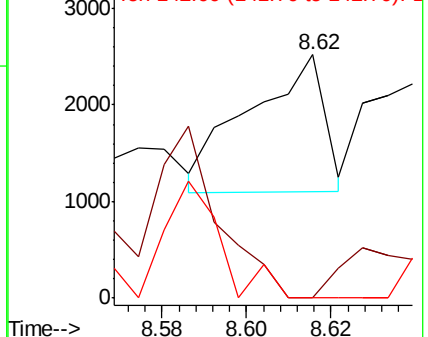
142 0.0 62.3 93.5#

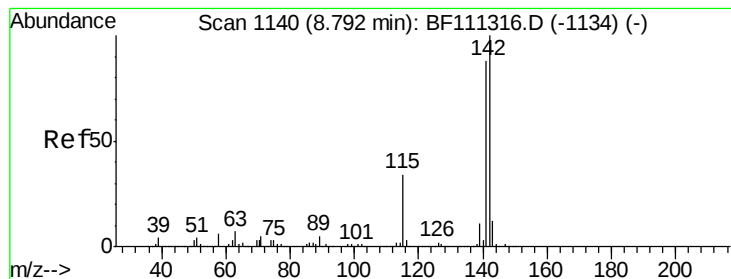


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 2.369 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

Instrument :

BNA_F

ClientSampleId :

HR-05-121118-B

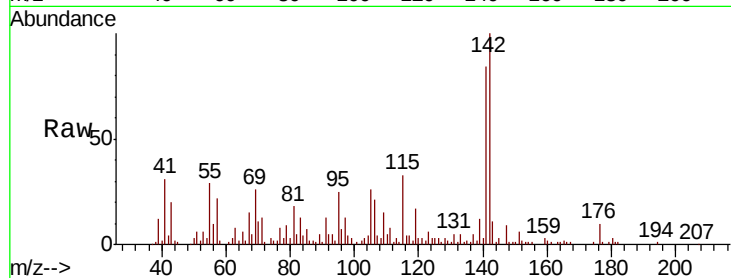
Tgt Ion:142 Resp: 57849

Ion Ratio Lower Upper

142 100

141 84.4 70.6 105.8

115 33.3 27.0 40.6

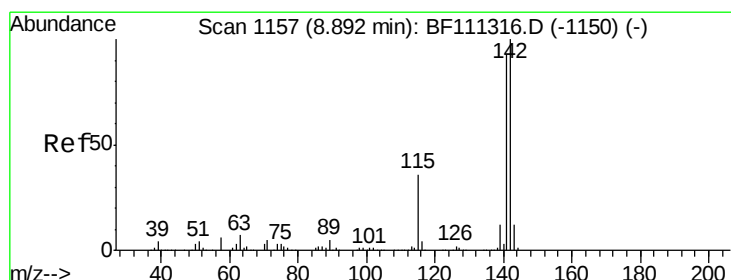
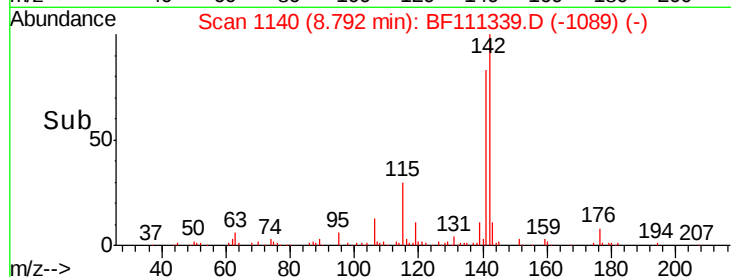
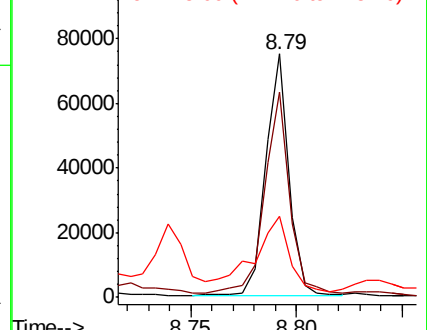


Abundance

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: 1.778 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

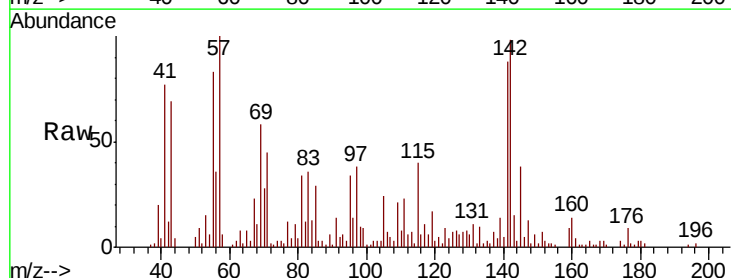
Tgt Ion:142 Resp: 41908

Ion Ratio Lower Upper

142 100

141 89.7 74.2 111.4

116 6.0 2.9 4.3#

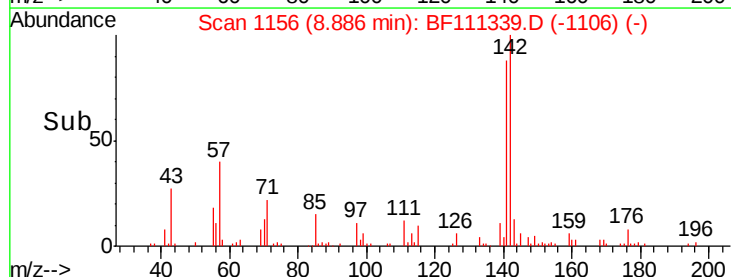
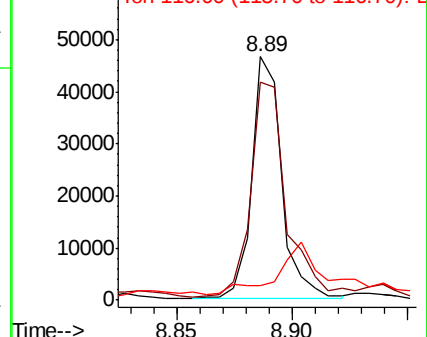


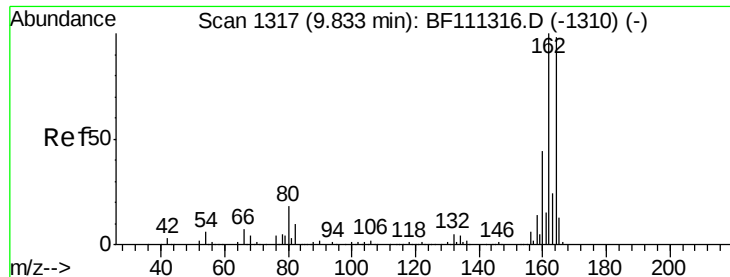
Abundance

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: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

Instrument :

BNA_F

ClientSampleId :

HR-05-121118-B

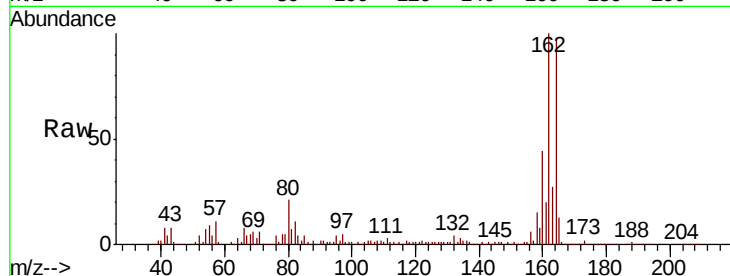
Tgt Ion:164 Resp: 338636

Ion Ratio Lower Upper

164 100

162 102.6 81.4 122.0

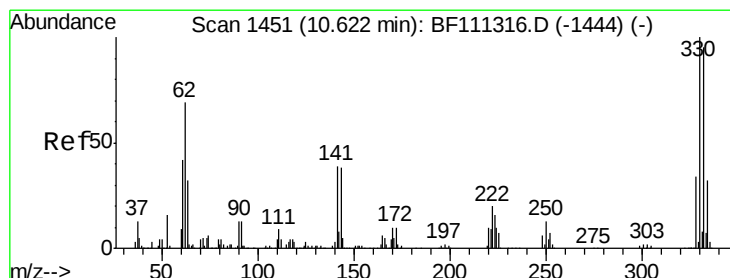
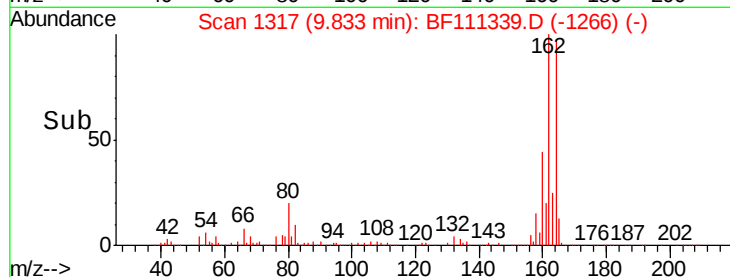
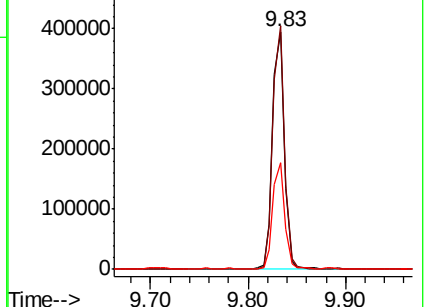
160 45.2 35.7 53.5



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: 48.436 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

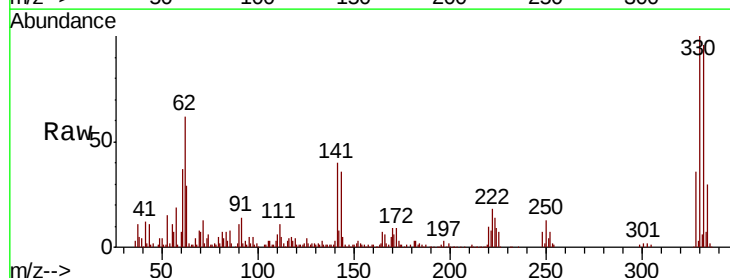
Tgt Ion:330 Resp: 144588

Ion Ratio Lower Upper

330 100

332 96.4 76.0 114.0

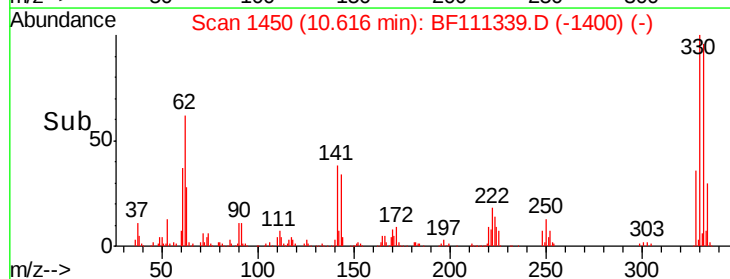
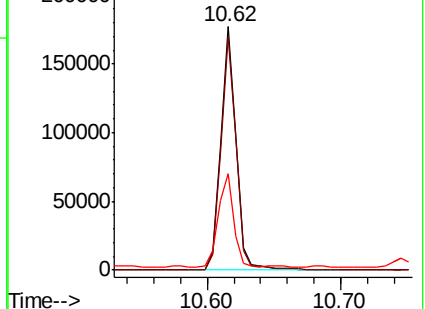
141 38.1 31.0 46.6

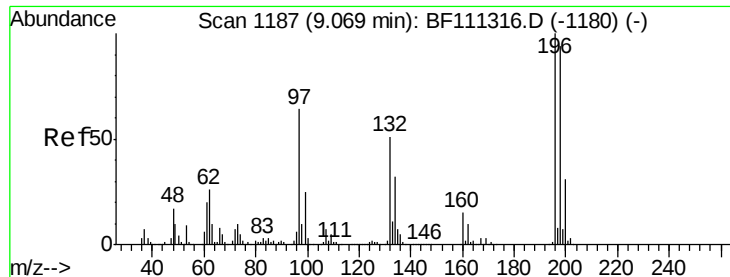


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

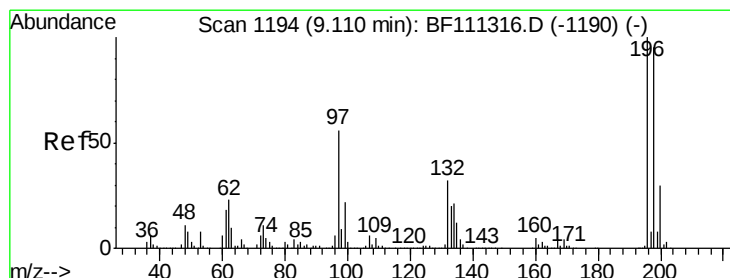
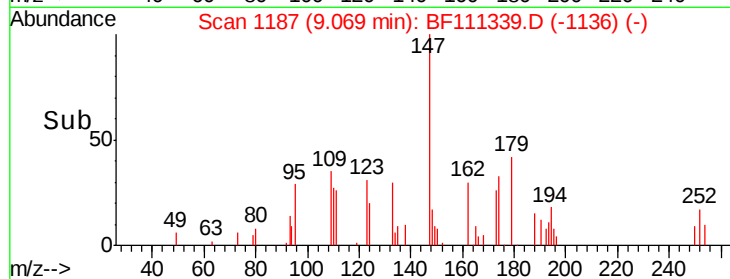
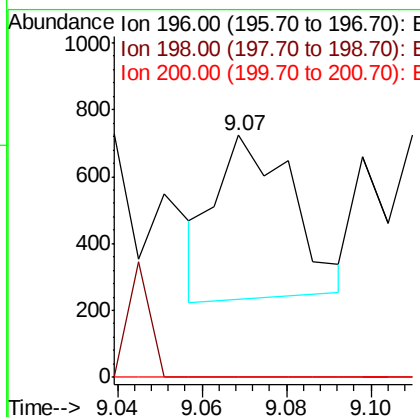
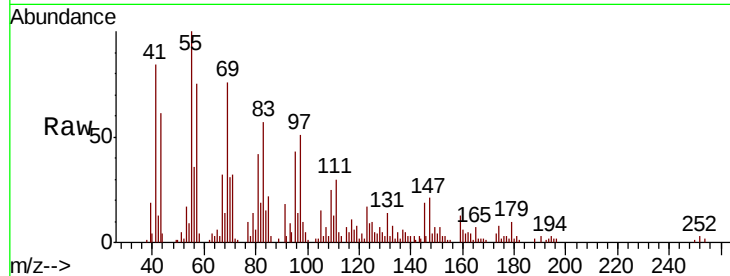




#43
 2,4,6-Trichlorophenol
 Concen: 0.089 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF111339.D
 Acq: 12 Dec 2018 23:23

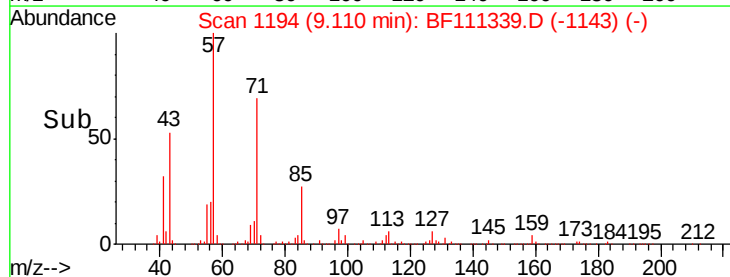
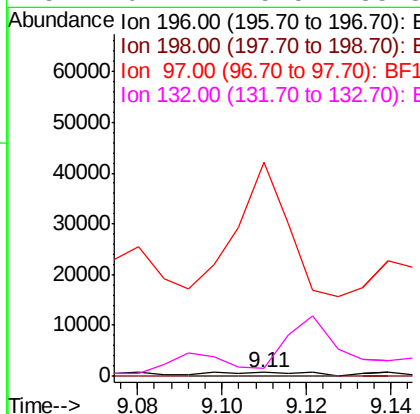
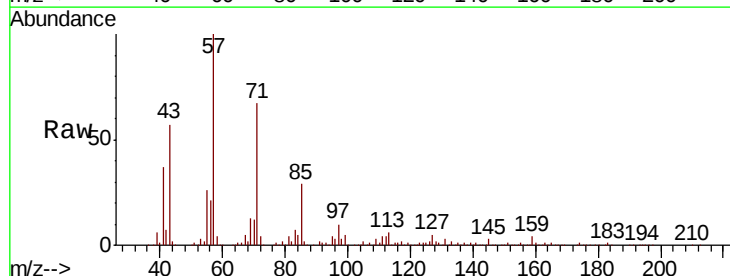
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-121118-B

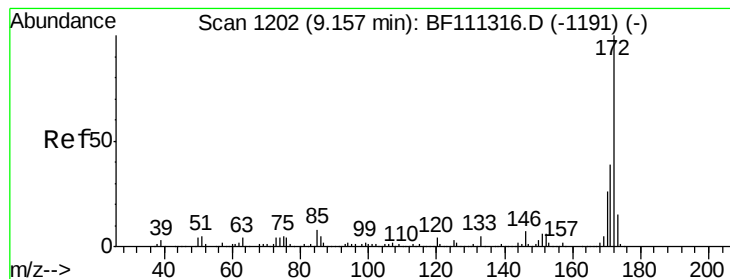
Tgt Ion:196 Resp: 609
 Ion Ratio Lower Upper
 196 100
 198 0.0 76.3 114.5#
 200 0.0 24.9 37.3#



#44
 2,4,5-Trichlorophenol
 Concen: 0.152 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF111339.D
 Acq: 12 Dec 2018 23:23

Tgt Ion:196 Resp: 1094
 Ion Ratio Lower Upper
 196 100
 198 0.0 72.9 109.3#
 97 5807.4 45.3 67.9#
 132 204.7 25.5 38.3#

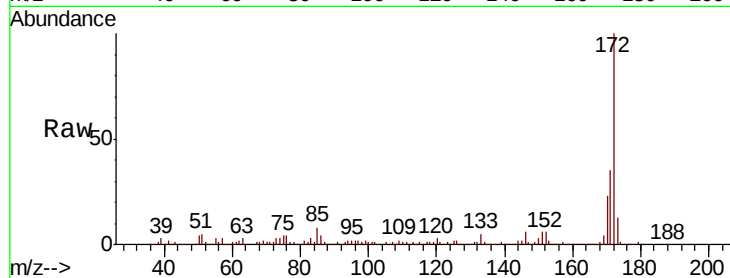




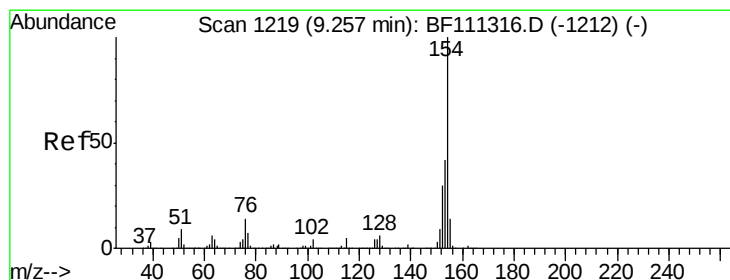
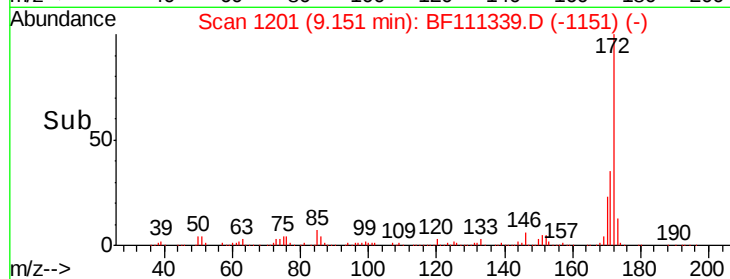
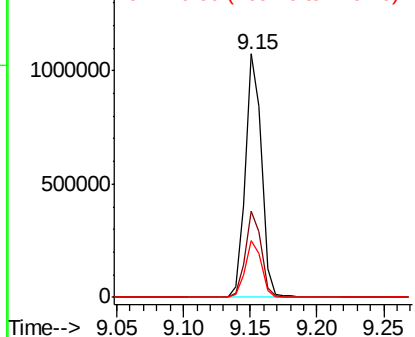
#45
2-Fluorobiphenyl
Concen: 42.479 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111339.D
Acq: 12 Dec 2018 23:23

Instrument :
BNA_F
ClientSampleId :
HR-05-121118-B

Tgt Ion:172 Resp: 895993
Ion Ratio Lower Upper
172 100
171 35.4 33.0 49.4
170 23.0 22.3 33.5

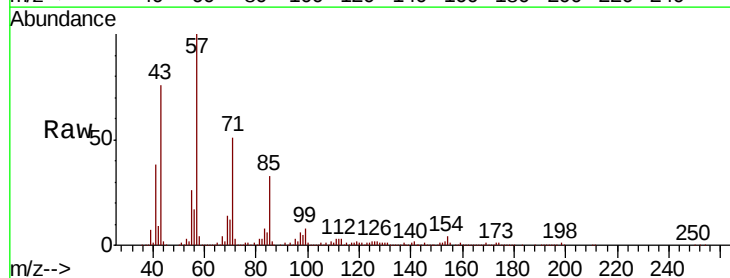


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

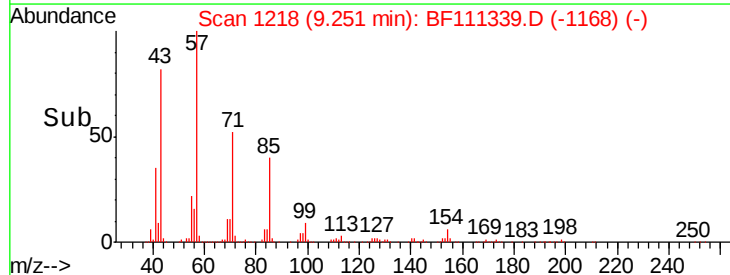
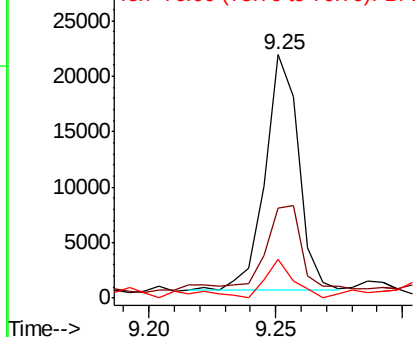


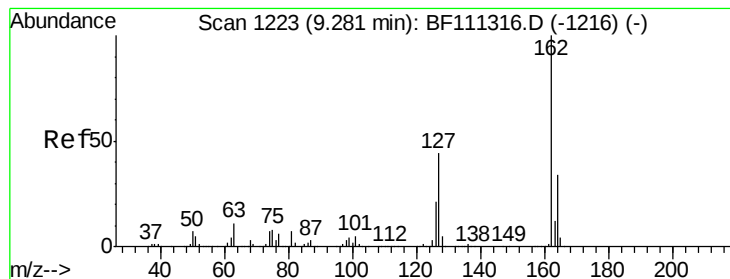
#46
1,1'-Biphenyl
Concen: 0.681 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111339.D
Acq: 12 Dec 2018 23:23

Tgt Ion:154 Resp: 19674
Ion Ratio Lower Upper
154 100
153 37.2 23.7 63.7
76 16.0 0.0 35.0



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: 0.030 ng

RT: 9.30 min Scan# 1226

Delta R.T. 0.02 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

Instrument :

BNA_F

ClientSampleId :

HR-05-121118-B

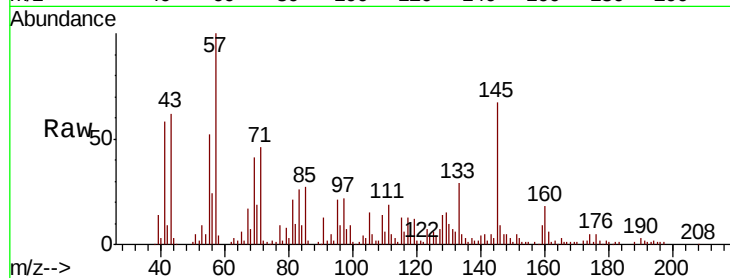
Tgt Ion: 162 Resp: 663

Ion Ratio Lower Upper

162 100

127 529.3 35.0 52.4#

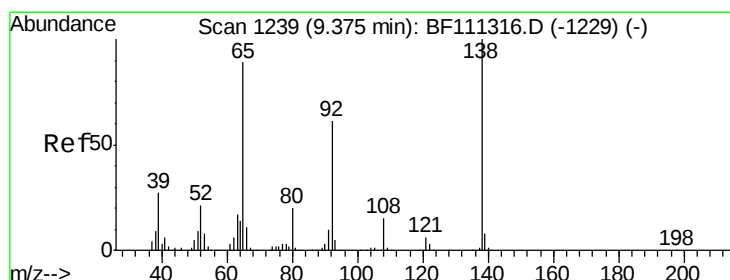
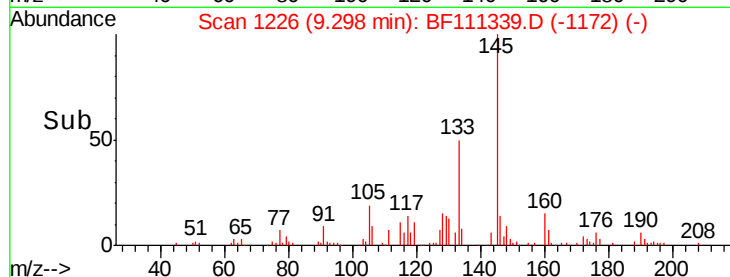
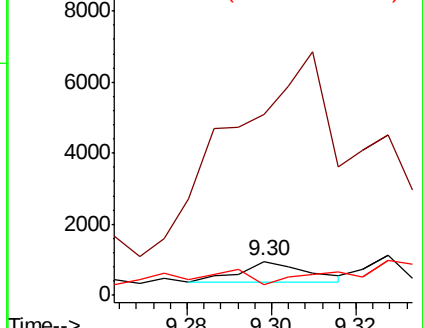
164 31.3 28.4 42.6



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: 0.116 ng

RT: 9.38 min Scan# 1240

Delta R.T. 0.01 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

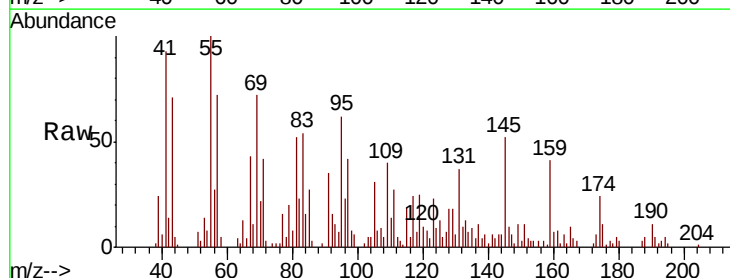
Tgt Ion: 65 Resp: 832

Ion Ratio Lower Upper

65 100

92 123.4 53.5 80.3#

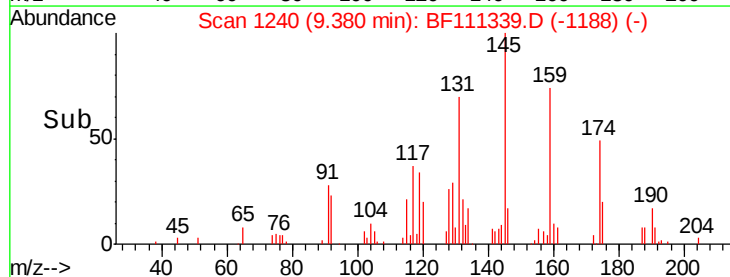
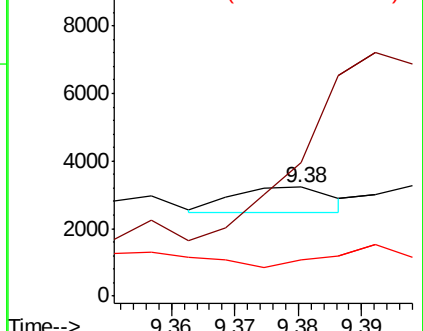
138 33.0 80.9 121.3#

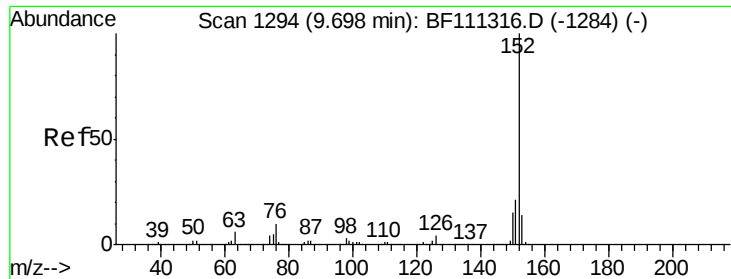


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 0.206 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

Instrument :

BNA_F

ClientSampleId :

HR-05-121118-B

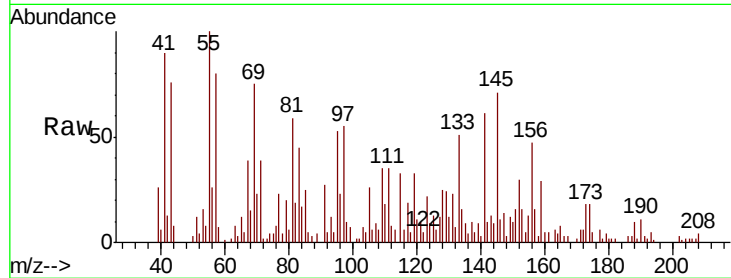
Tgt Ion:152 Resp: 6674

Ion Ratio Lower Upper

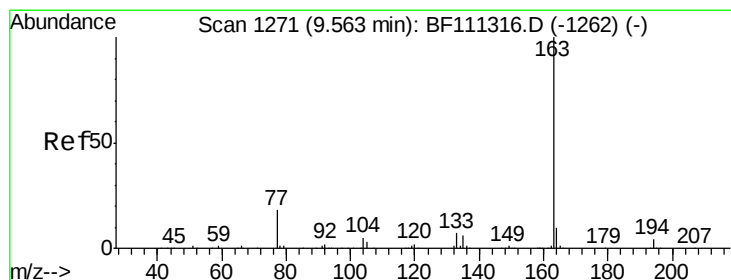
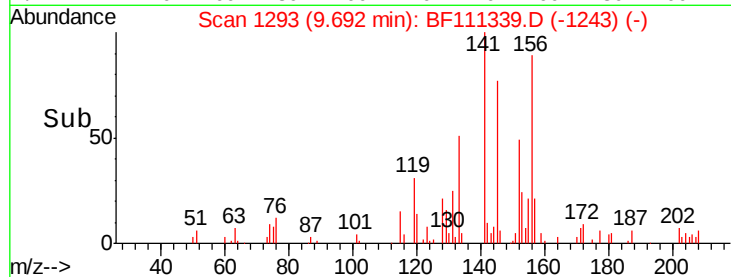
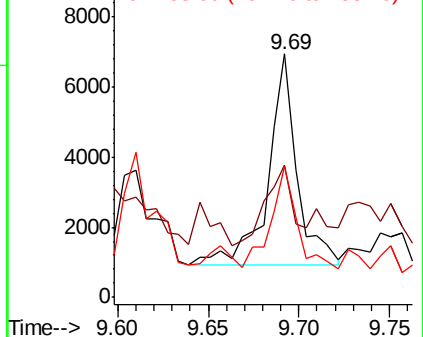
152 100

151 54.3 18.0 27.0#

153 54.0 12.3 18.5#



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: 2.570 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

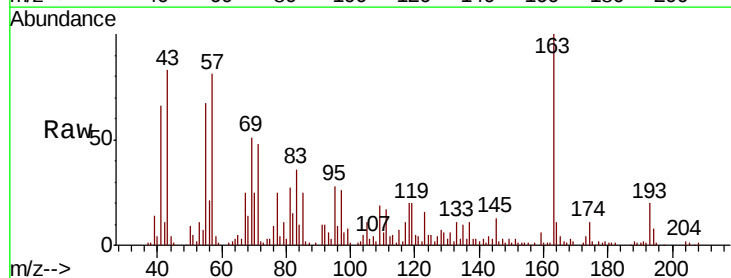
Tgt Ion:163 Resp: 62576

Ion Ratio Lower Upper

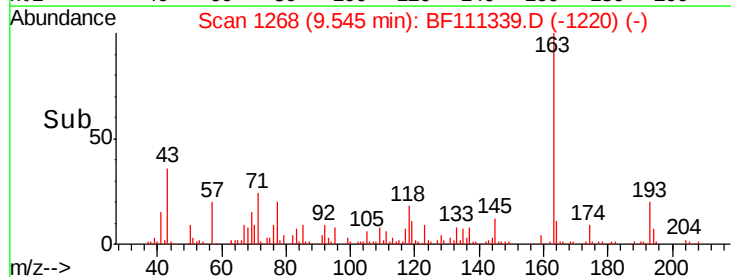
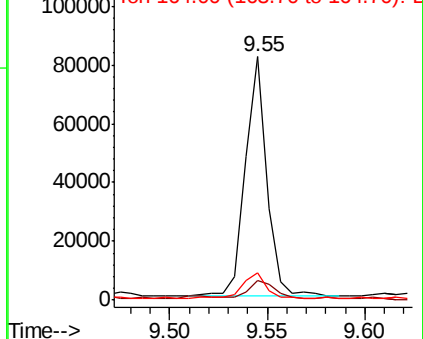
163 100

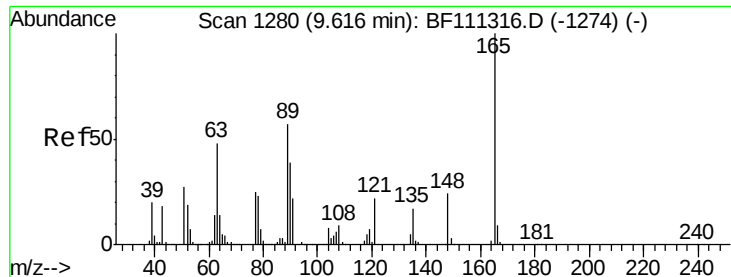
194 8.0 3.0 4.6#

164 11.1 8.9 13.3



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

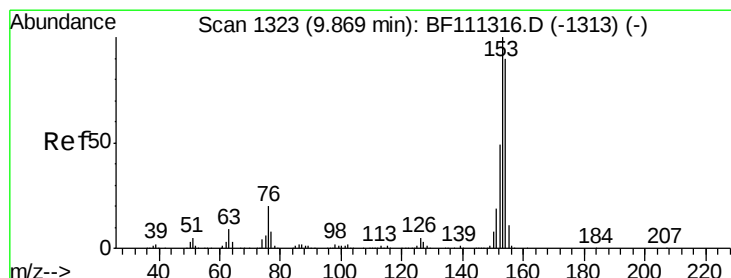
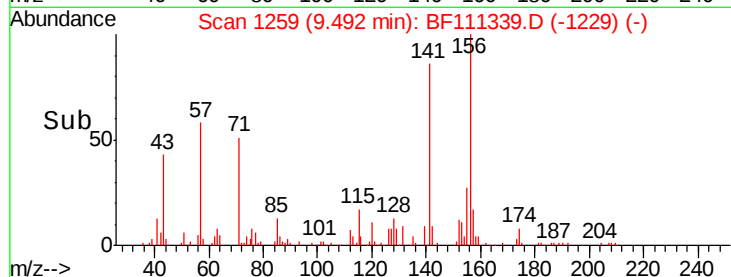
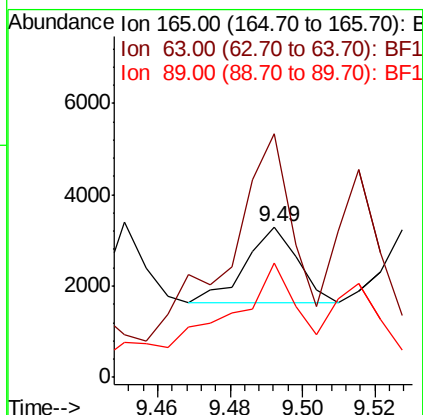
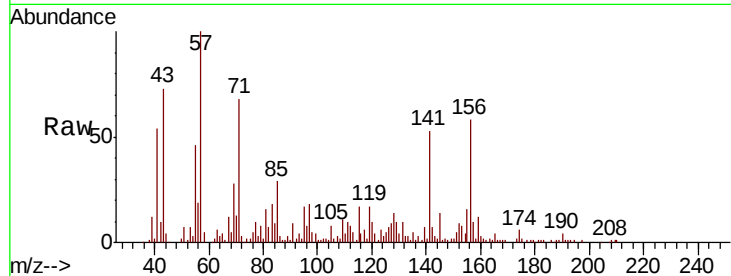




#51
 2,6-Dinitrotoluene
 Concen: 0.312 ng
 RT: 9.49 min Scan# 1259
 Delta R.T. -0.12 min
 Lab File: BF111339.D
 Acq: 12 Dec 2018 23:23

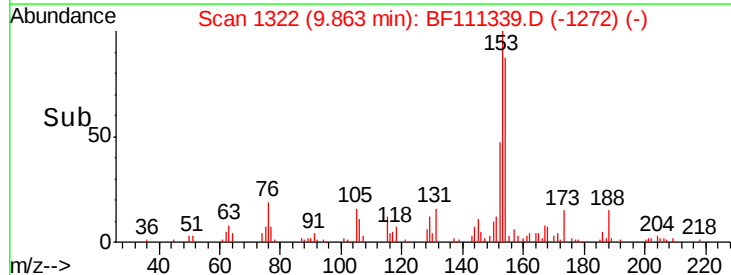
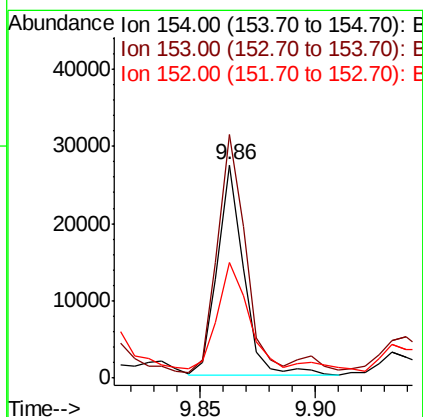
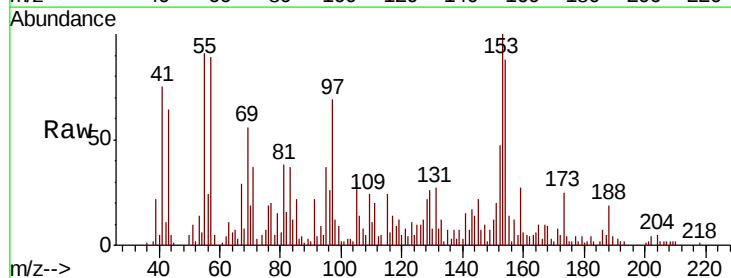
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-121118-B

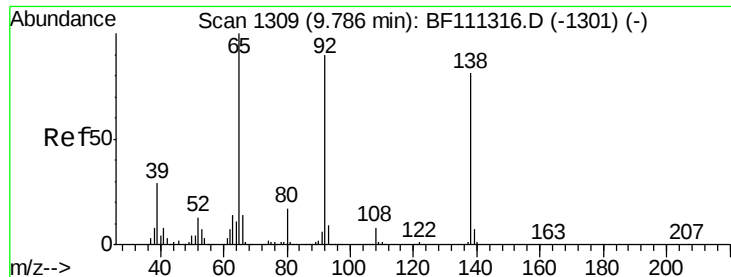
Tgt Ion:165 Resp: 1686
 Ion Ratio Lower Upper
 165 100
 63 161.7 40.5 60.7#
 89 75.8 40.0 60.0#



#52
 Acenaphthene
 Concen: 1.040 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF111339.D
 Acq: 12 Dec 2018 23:23

Tgt Ion:154 Resp: 21206
 Ion Ratio Lower Upper
 154 100
 153 114.3 87.8 131.8
 152 54.2 43.4 65.2

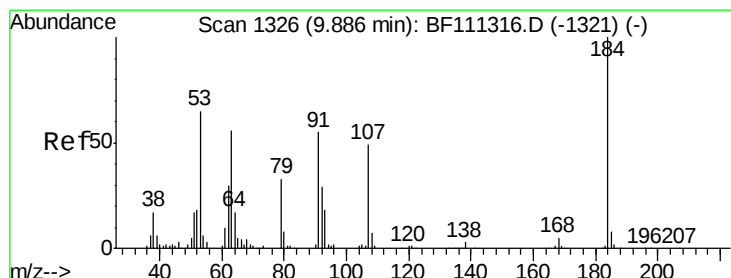
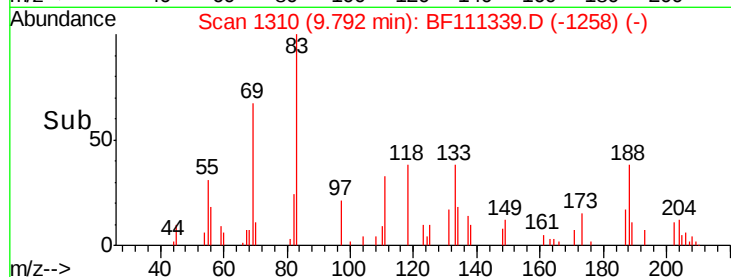
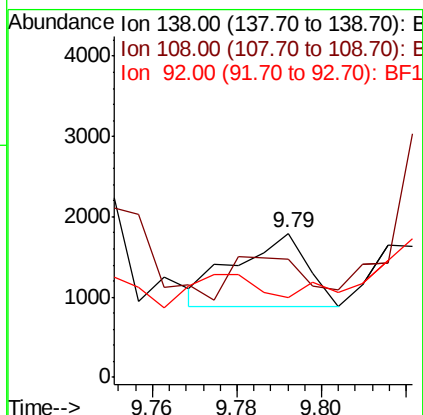
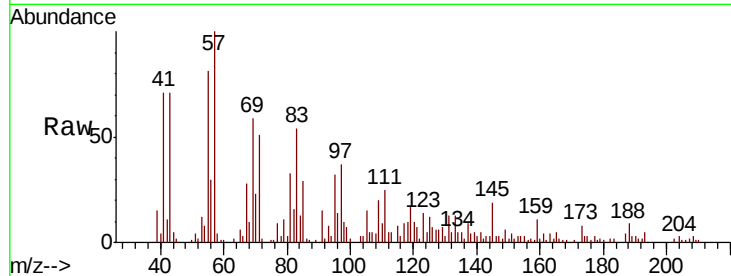




#53
3-Nitroaniline
Concen: 0.164 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF111339.D
Acq: 12 Dec 2018 23:23

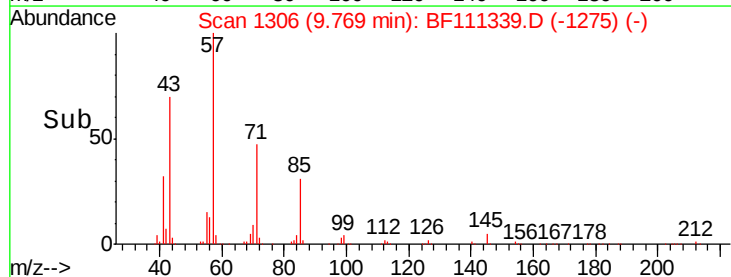
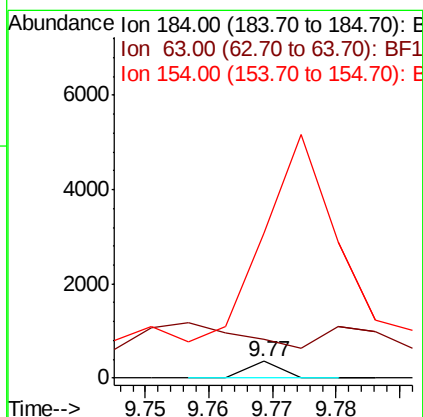
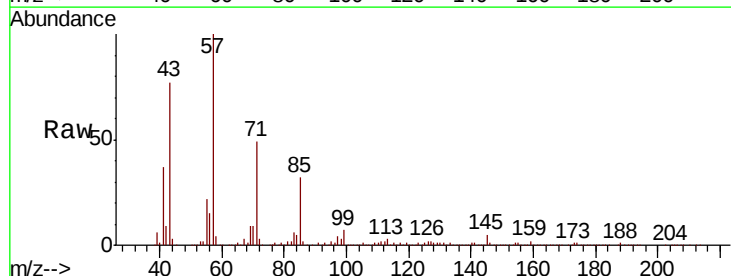
Instrument :
BNA_F
ClientSampleId :
HR-05-121118-B

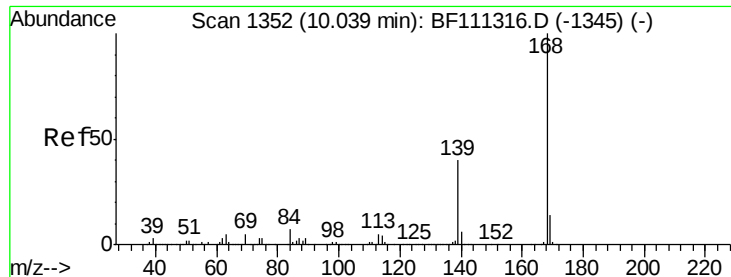
Tgt Ion:138 Resp: 1066
Ion Ratio Lower Upper
138 100
108 82.2 8.2 12.4#
92 55.7 93.4 140.2#



#54
2,4-Dinitrophenol
Concen: 0.059 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.12 min
Lab File: BF111339.D
Acq: 12 Dec 2018 23:23

Tgt Ion:184 Resp: 124
Ion Ratio Lower Upper
184 100
63 234.1 62.3 93.5#
154 878.4 56.2 84.2#





#55

Dibenzofuran

Concen: 0.485 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

Instrument :

BNA_F

ClientSampleId :

HR-05-121118-B

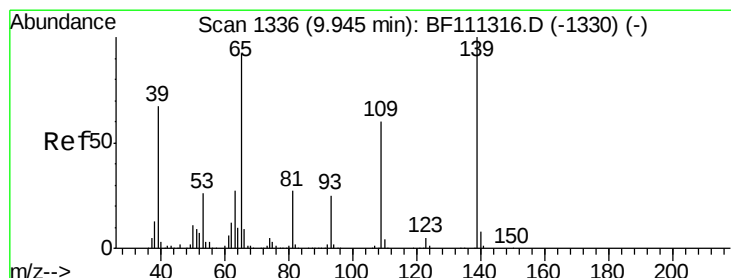
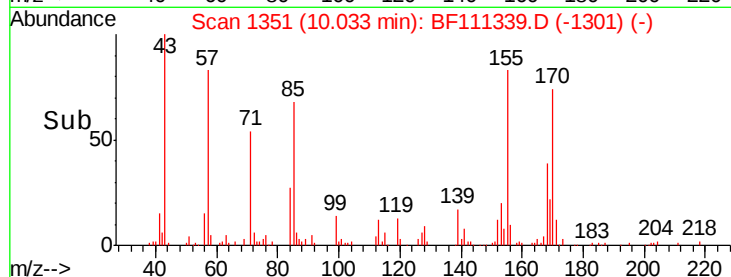
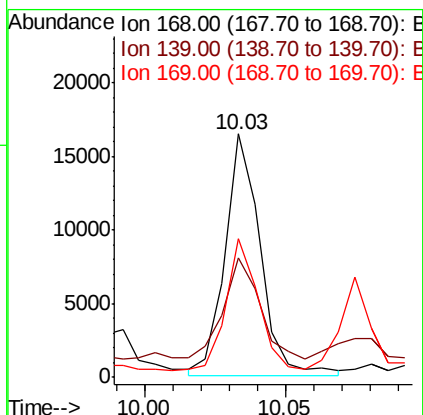
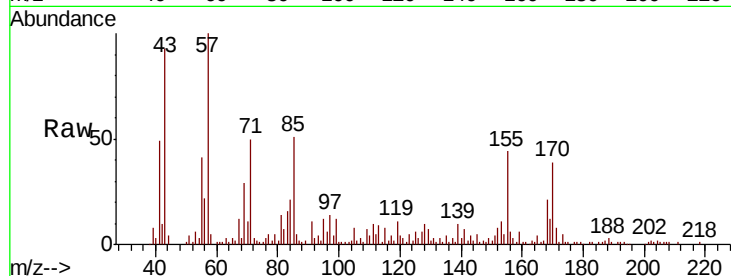
Tgt Ion:168 Resp: 14263

Ion Ratio Lower Upper

168 100

139 49.2 32.6 49.0#

169 57.1 11.8 17.6#



#56

4-Nitrophenol

Concen: 0.432 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

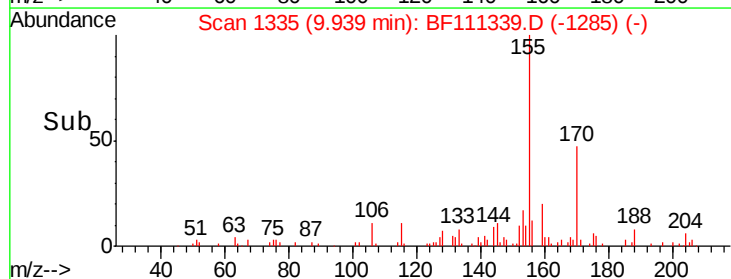
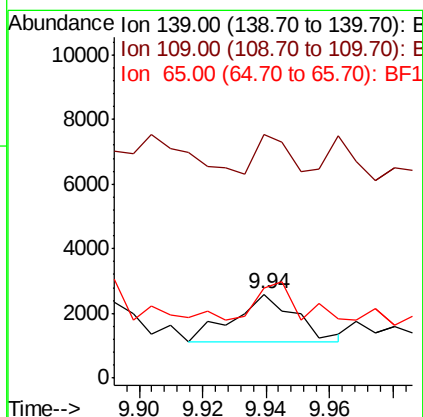
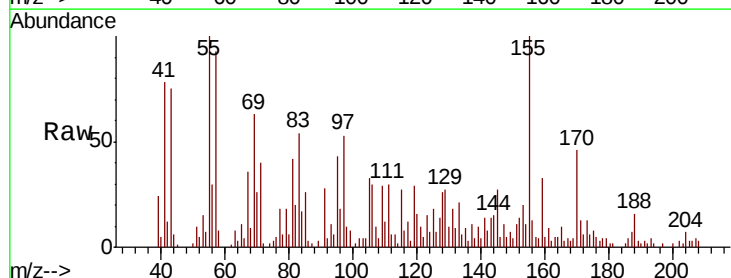
Tgt Ion:139 Resp: 2017

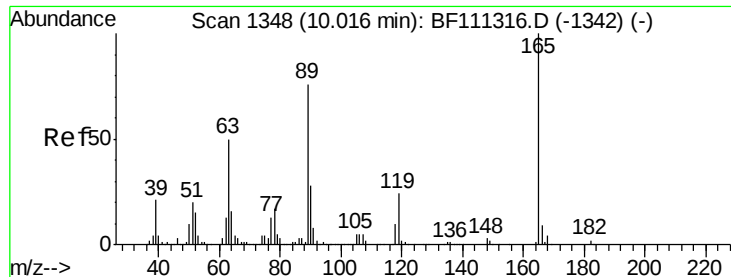
Ion Ratio Lower Upper

139 100

109 289.0 41.8 81.8#

65 107.5 79.6 119.6

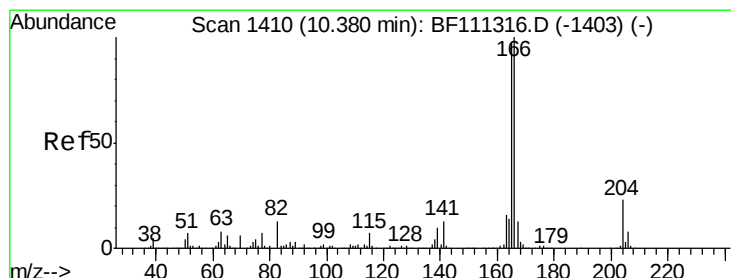
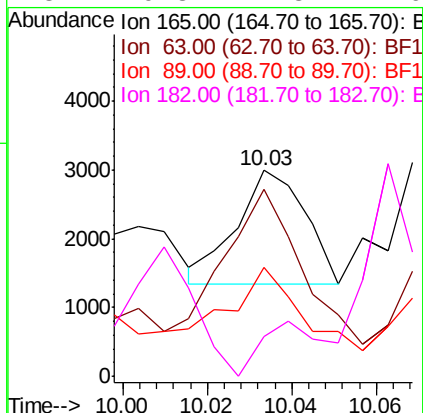
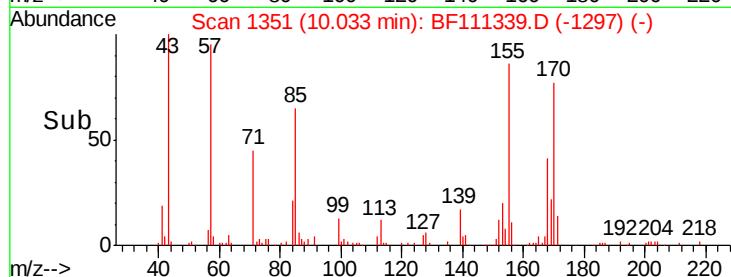
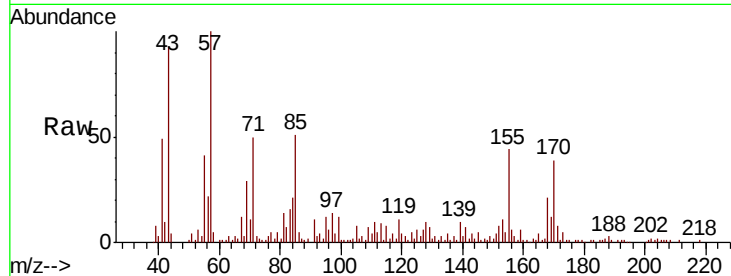




#57
 2,4-Dinitrotoluene
 Concen: 0.265 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. 0.02 min
 Lab File: BF111339.D
 Acq: 12 Dec 2018 23:23

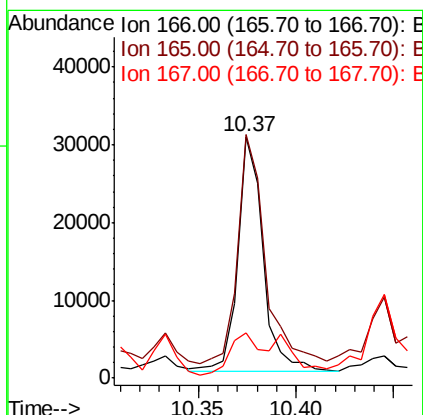
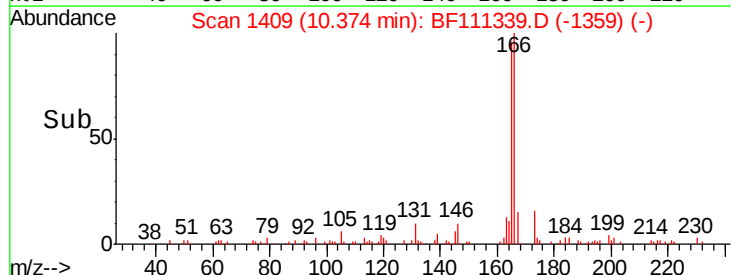
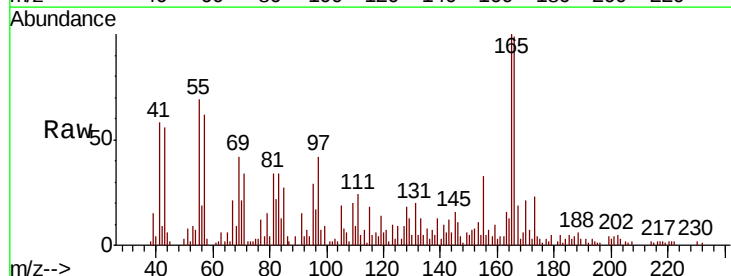
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-121118-B

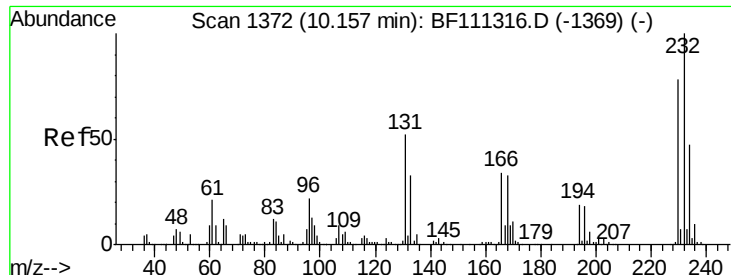
Tgt Ion	Ratio	Lower	Upper
165	100		
63	91.1	34.6	52.0#
89	52.8	56.2	84.4#
182	19.3	1.8	2.6#



#58
 Fluorene
 Concen: 1.286 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF111339.D
 Acq: 12 Dec 2018 23:23

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.7	78.4	117.6
167	18.7	11.2	16.8#

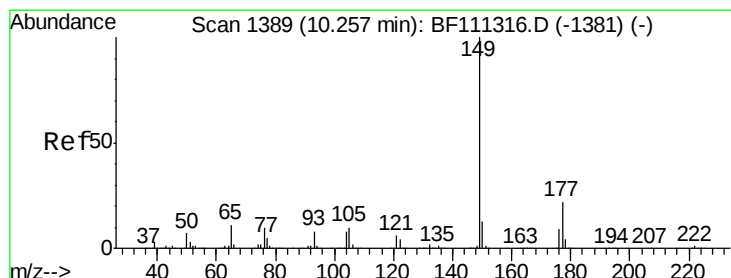
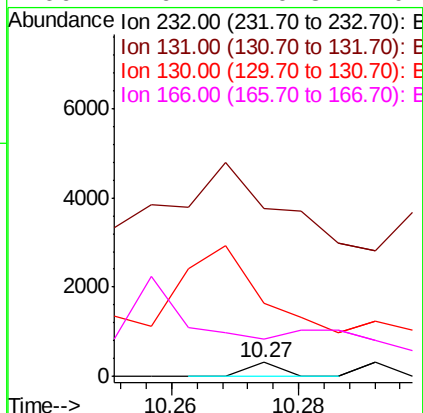
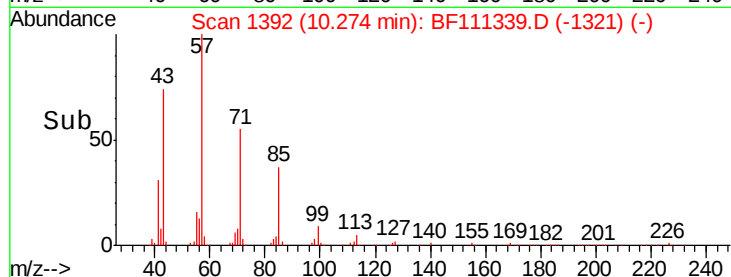
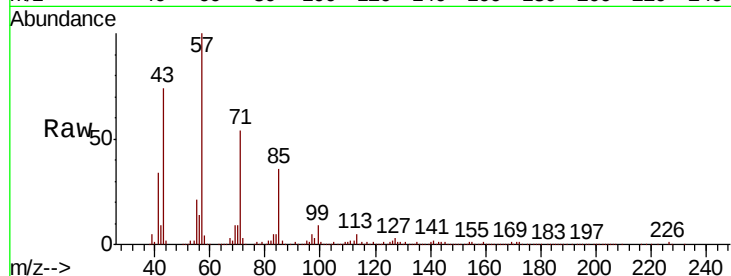




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 0.020 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.12 min
 Lab File: BF111339.D
 Acq: 12 Dec 2018 23:23

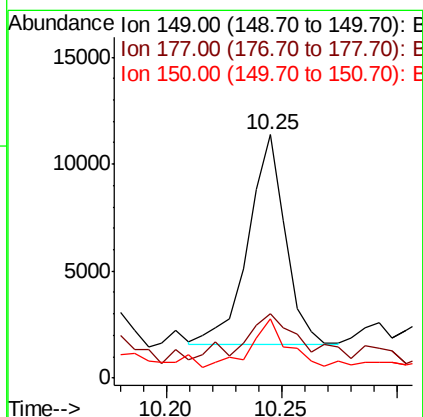
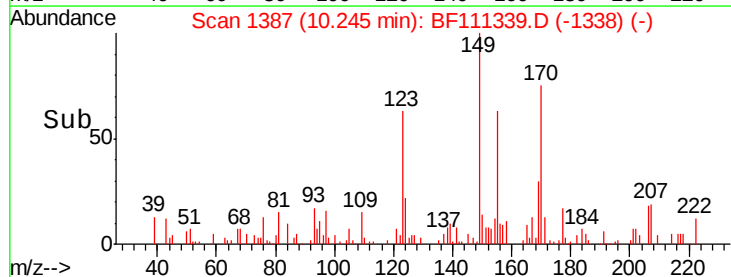
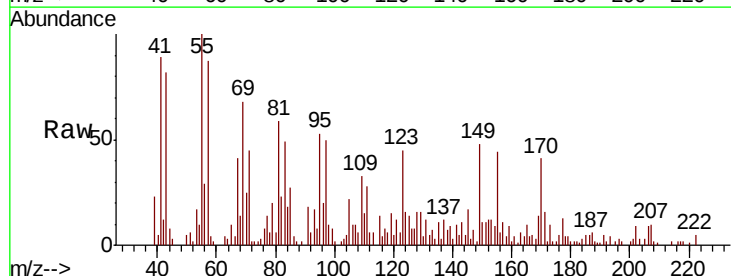
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-121118-B

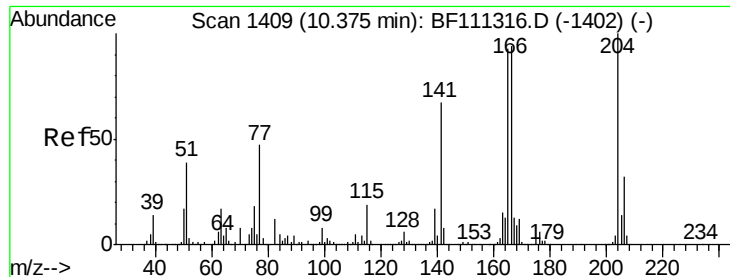
Tgt Ion: 232 Resp: 110
 Ion Ratio Lower Upper
 232 100
 131 2086.4 40.9 61.3#
 130 1833.6 2.0 3.0#
 166 1126.4 26.8 40.2#



#60
 Diethylphthalate
 Concen: 0.452 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF111339.D
 Acq: 12 Dec 2018 23:23

Tgt Ion: 149 Resp: 11082
 Ion Ratio Lower Upper
 149 100
 177 26.4 18.3 27.5
 150 24.1 10.6 15.8#

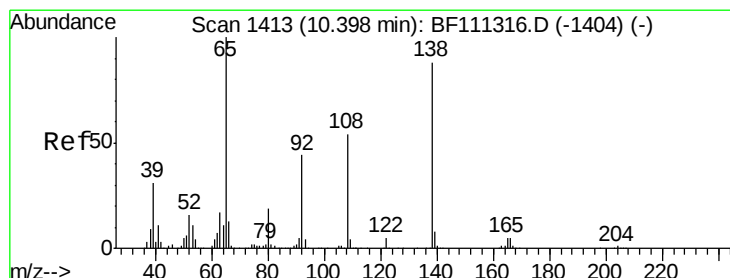
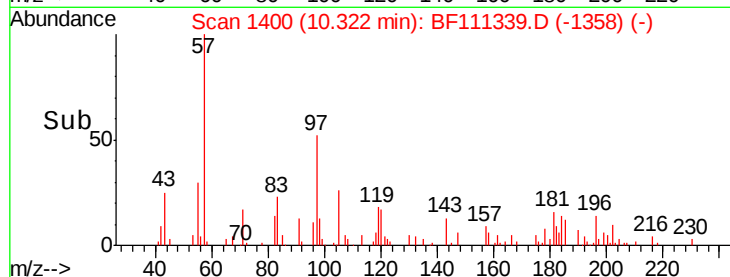
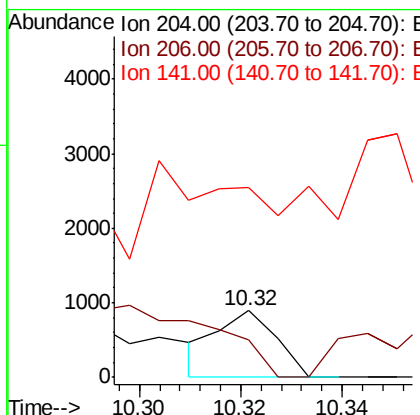
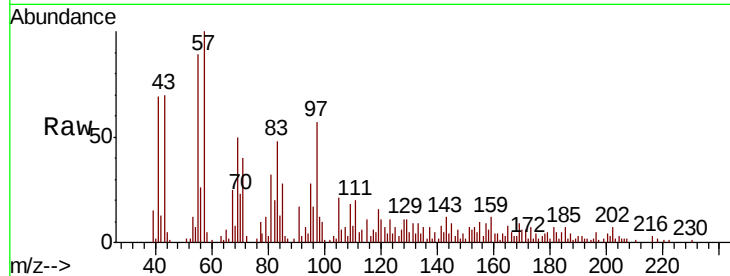




#61
4-Chlorophenyl-phenylether
Concen: 0.068 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.05 min
Lab File: BF111339.D
Acq: 12 Dec 2018 23:23

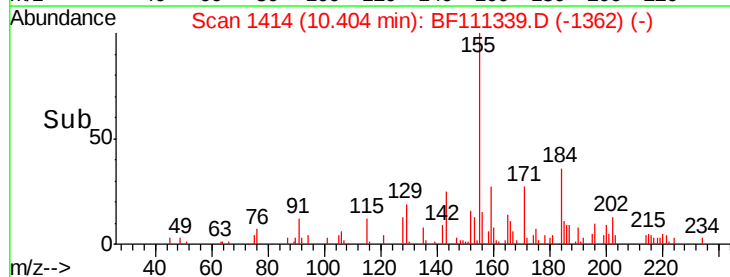
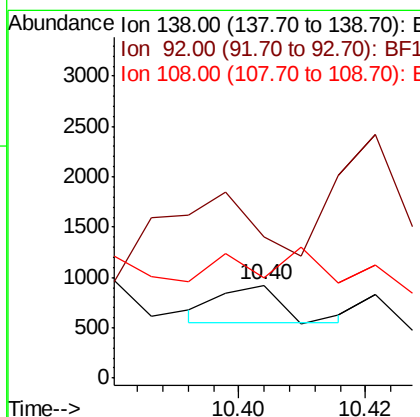
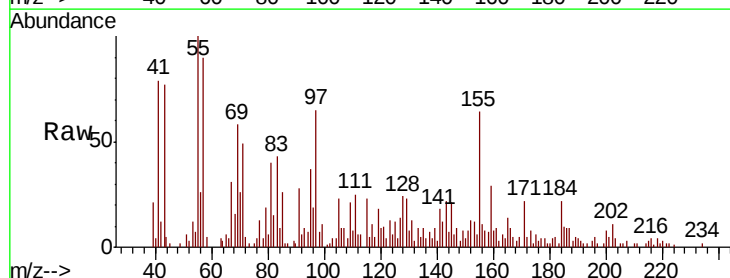
Instrument :
BNA_F
ClientSampleId :
HR-05-121118-B

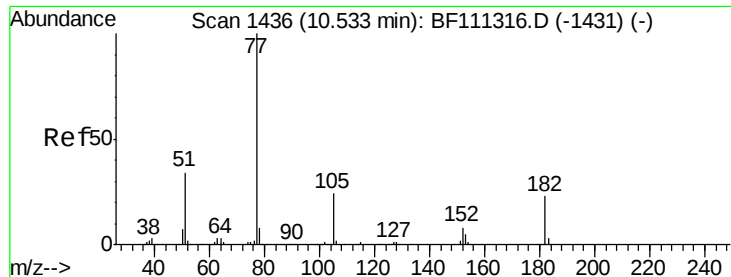
Tgt Ion: 204 Resp: 713
Ion Ratio Lower Upper
204 100
206 57.1 26.6 39.8#
141 286.9 52.6 78.8#



#62
4-Nitroaniline
Concen: 0.043 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF111339.D
Acq: 12 Dec 2018 23:23

Tgt Ion: 138 Resp: 267
Ion Ratio Lower Upper
138 100
92 151.8 29.9 69.9#
108 108.4 43.2 83.2#

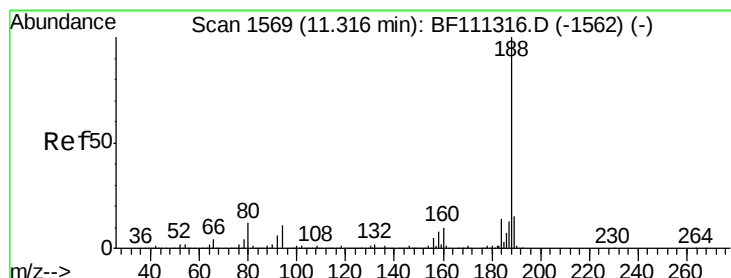
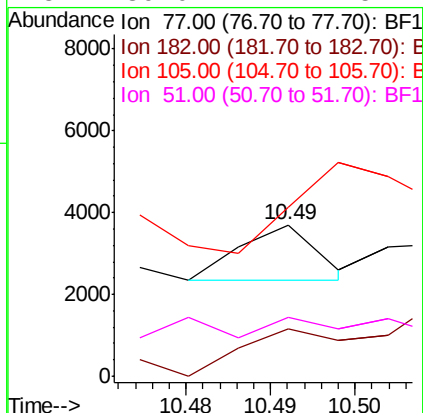
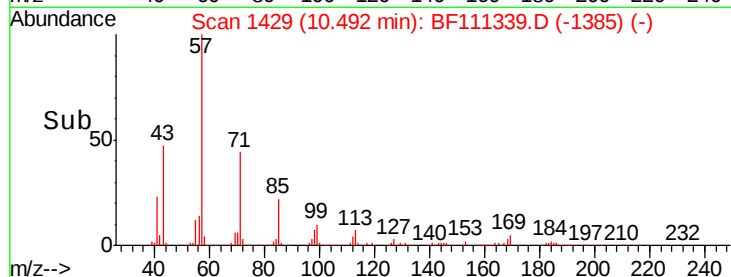
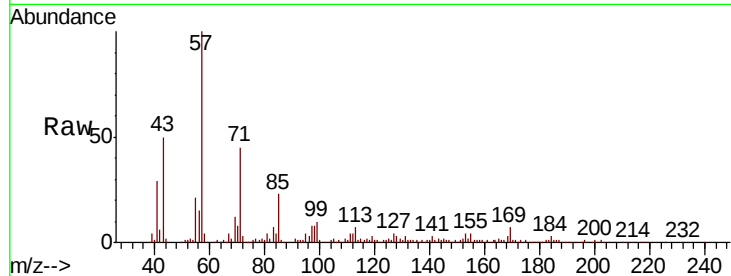




#63
Azobenzene
Concen: 0.034 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.04 min
Lab File: BF111339.D
Acq: 12 Dec 2018 23:23

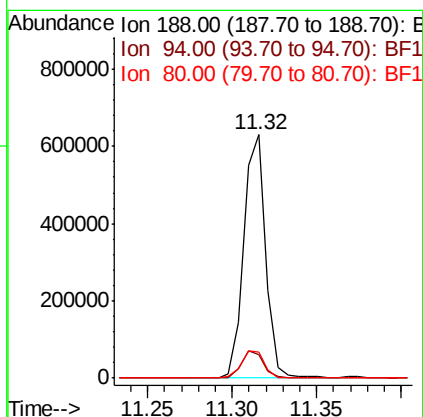
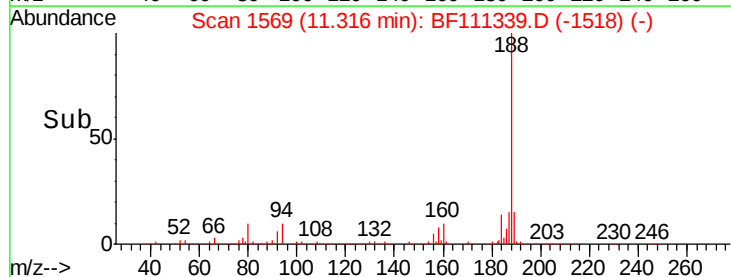
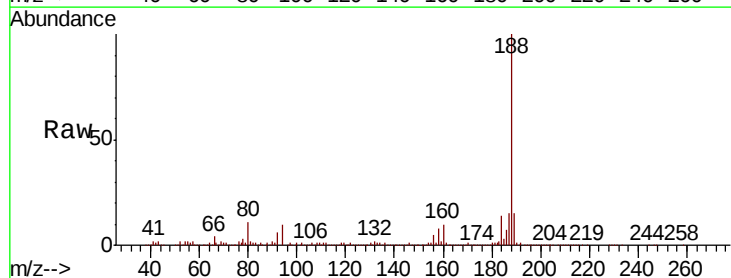
Instrument :
BNA_F
ClientSampleId :
HR-05-121118-B

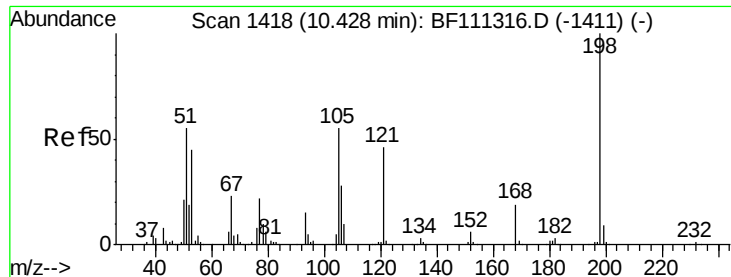
Tgt Ion: 77 Resp: 851
Ion Ratio Lower Upper
77 100
182 31.6 4.9 44.9
105 111.5 6.0 46.0#
51 39.0 14.7 54.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF111339.D
Acq: 12 Dec 2018 23:23

Tgt Ion: 188 Resp: 570680
Ion Ratio Lower Upper
188 100
94 9.9 9.6 14.4
80 10.6 9.8 14.6

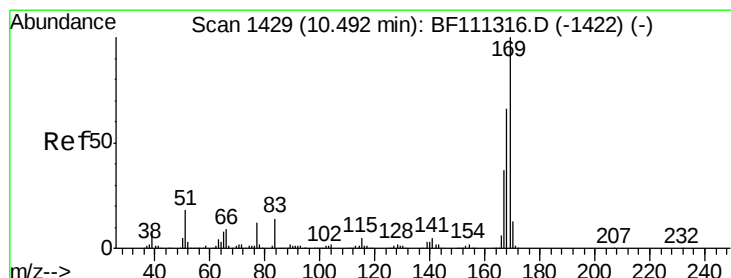
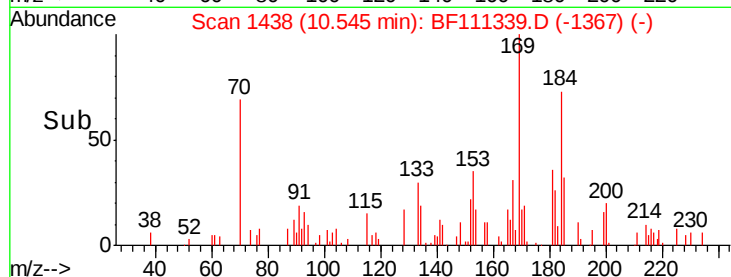
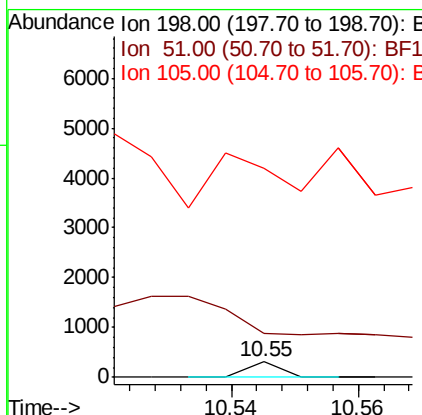
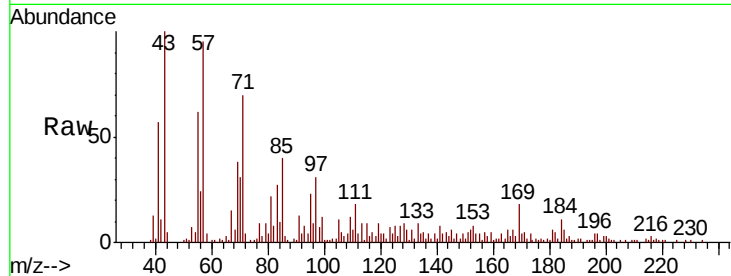




#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.033 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.12 min
 Lab File: BF111339.D
 Acq: 12 Dec 2018 23:23

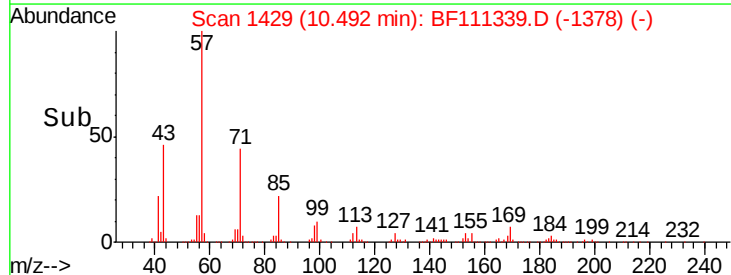
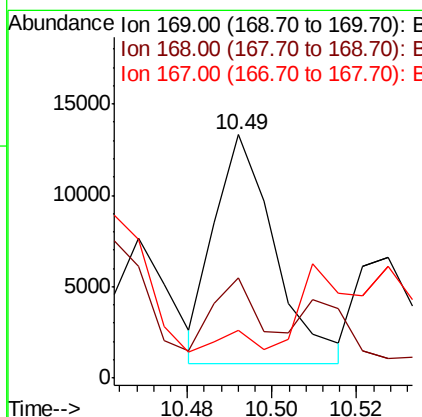
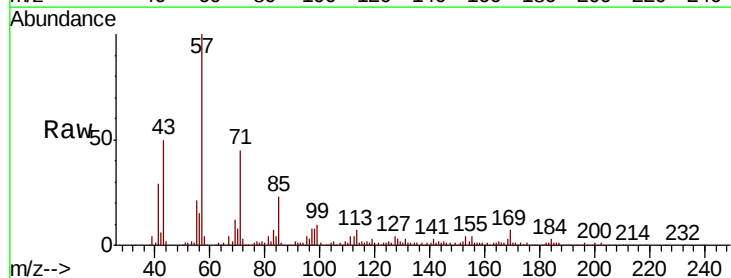
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-121118-B

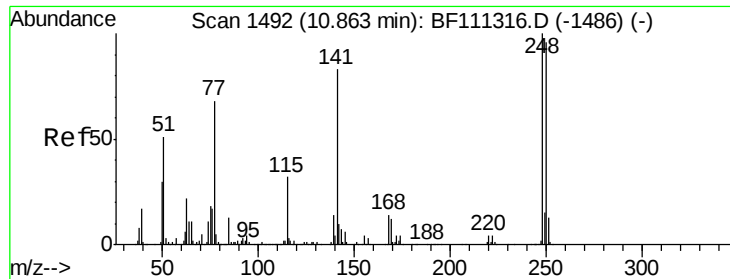
Tgt Ion:198 Resp: 109
 Ion Ratio Lower Upper
 198 100
 51 284.7 48.0 88.0#
 105 1363.6 34.0 74.0#



#66
 n-Nitrosodiphenylamine
 Concen: 0.610 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF111339.D
 Acq: 12 Dec 2018 23:23

Tgt Ion:169 Resp: 12377
 Ion Ratio Lower Upper
 169 100
 168 41.4 54.4 81.6#
 167 19.4 30.5 45.7#

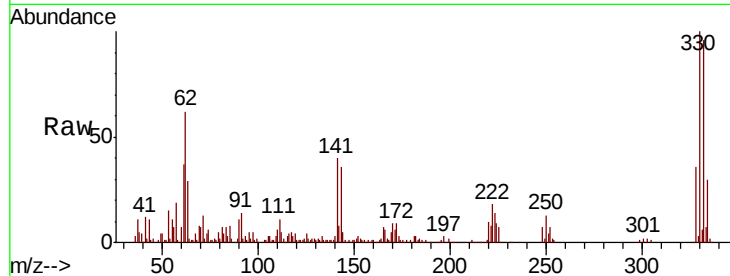




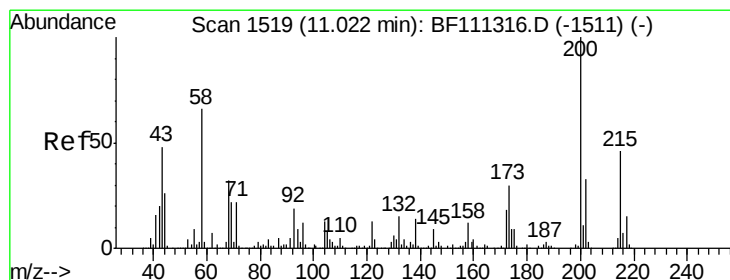
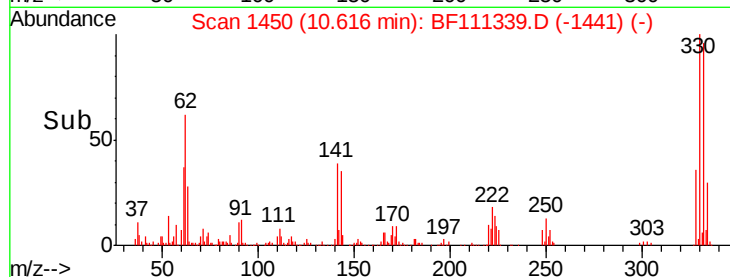
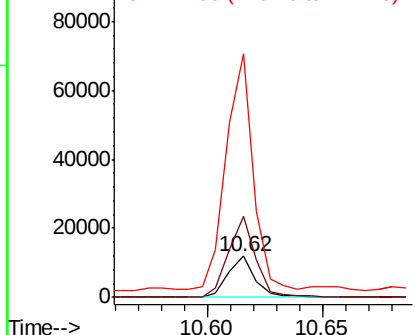
#67
 4-Bromophenyl-phenylether
 Concen: 1.508 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF111339.D
 Acq: 12 Dec 2018 23:23

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-121118-B

Tgt Ion:248 Resp: 9581
 Ion Ratio Lower Upper
 248 100
 250 198.6 77.0 115.4#
 141 593.8 63.0 94.6#

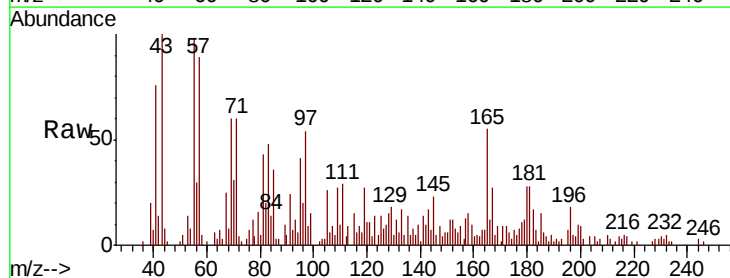


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

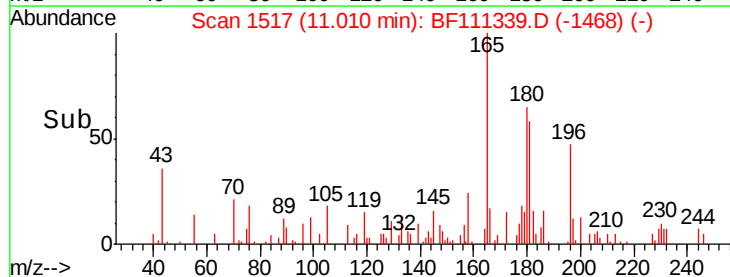
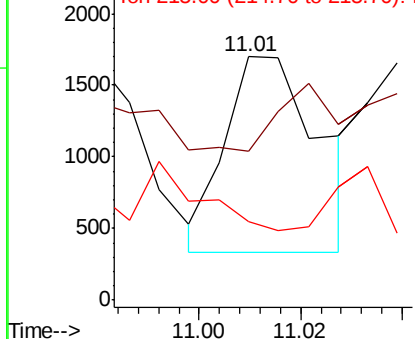


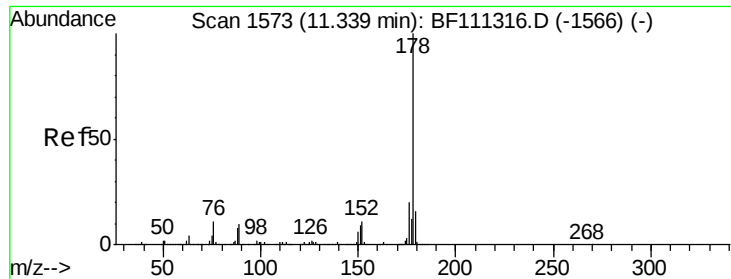
#69
 Atrazine
 Concen: 0.298 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF111339.D
 Acq: 12 Dec 2018 23:23

Tgt Ion:200 Resp: 1748
 Ion Ratio Lower Upper
 200 100
 173 61.0 10.1 50.1#
 215 32.4 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

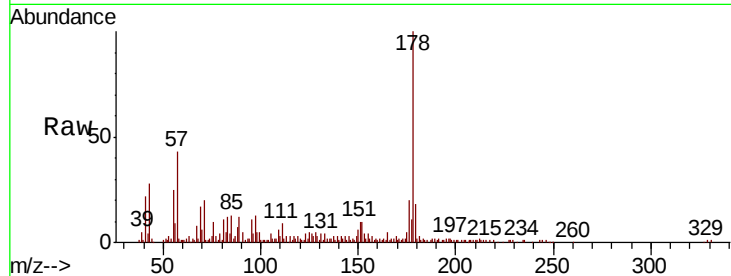




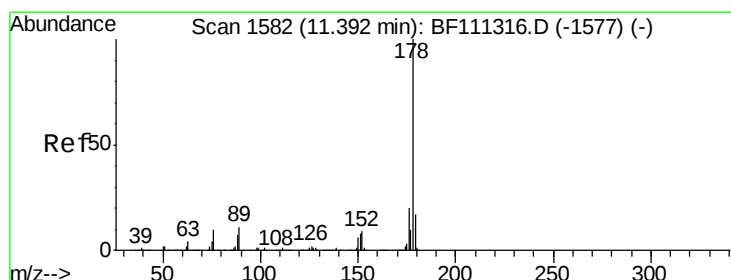
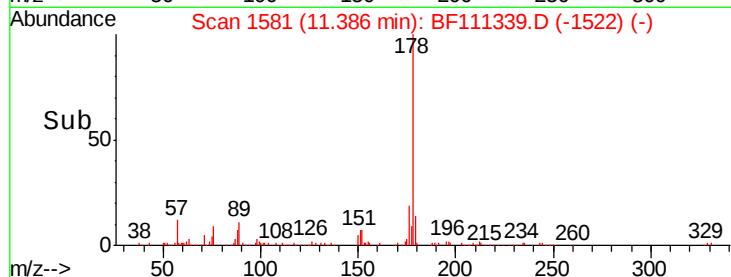
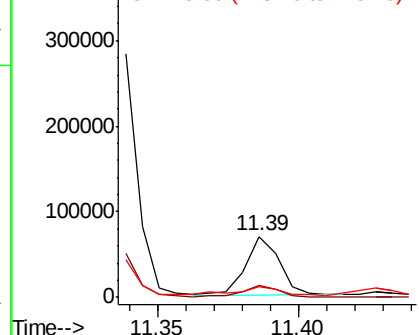
#71
Phenanthrene
Concen: 1.962 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.05 min
Lab File: BF111339.D
Acq: 12 Dec 2018 23:23

Instrument :
BNA_F
ClientSampleId :
HR-05-121118-B

Tgt Ion:178 Resp: 57868
Ion Ratio Lower Upper
178 100
176 19.9 18.1 27.1
179 18.2 14.0 21.0

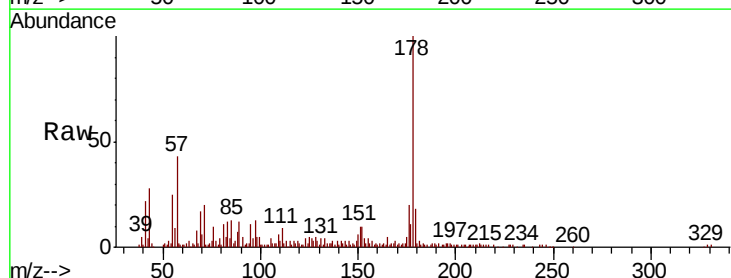


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

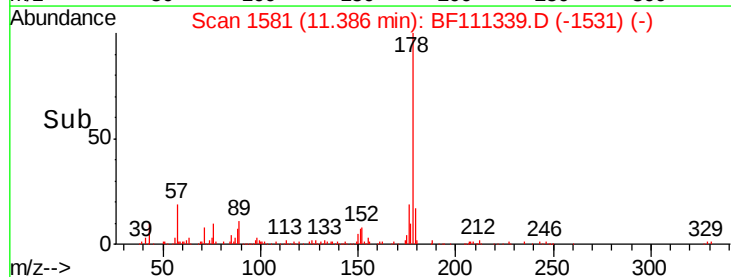
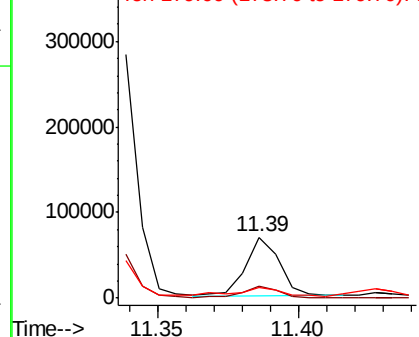


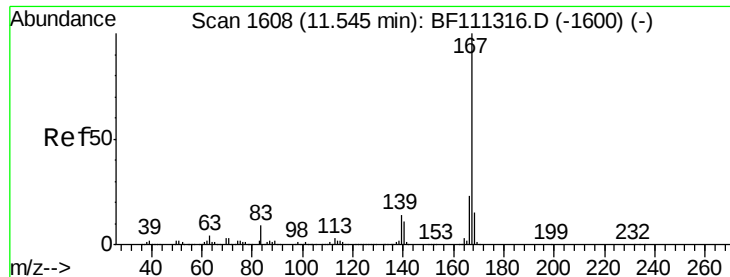
#72
Anthracene
Concen: 1.927 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF111339.D
Acq: 12 Dec 2018 23:23

Tgt Ion:178 Resp: 57868
Ion Ratio Lower Upper
178 100
176 19.9 17.2 25.8
179 18.2 13.8 20.8



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

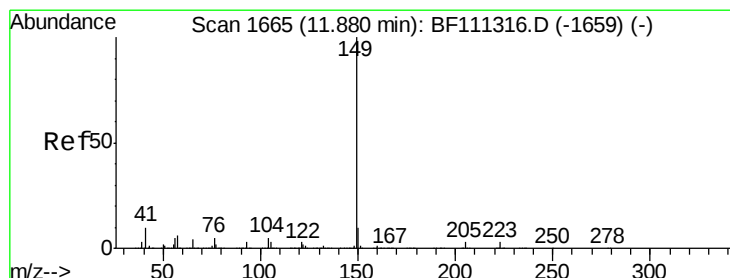
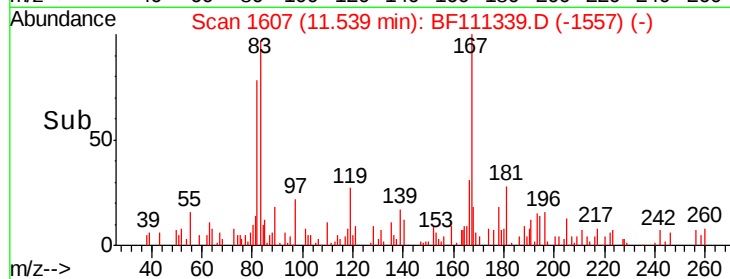
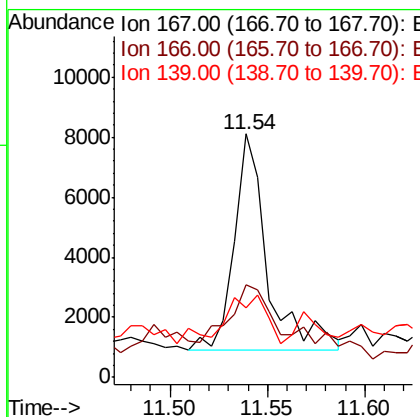
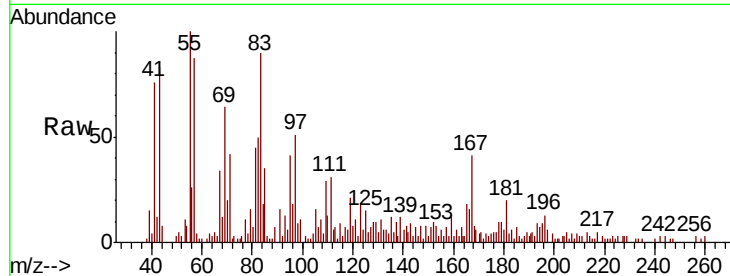




#73
 Carbazole
 Concen: 0.275 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF111339.D
 Acq: 12 Dec 2018 23:23

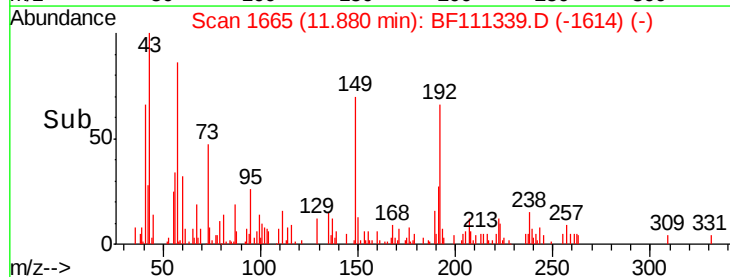
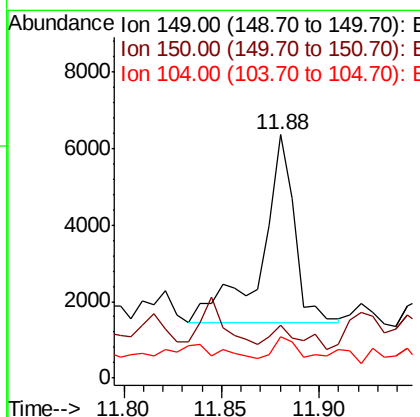
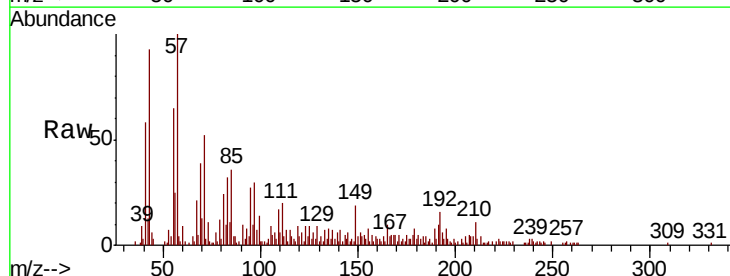
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-121118-B

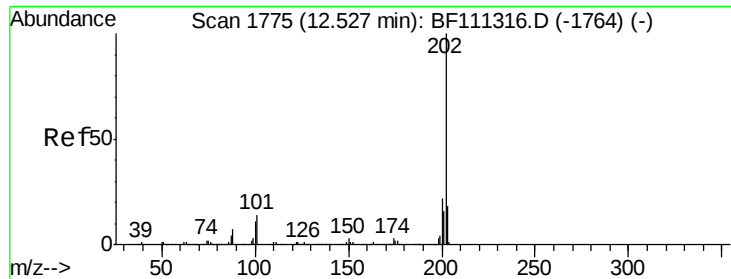
Tgt Ion:167 Resp: 8548
 Ion Ratio Lower Upper
 167 100
 166 38.2 19.3 28.9#
 139 28.7 11.9 17.9#



#74
 Di-n-butylphthalate
 Concen: 0.160 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: BF111339.D
 Acq: 12 Dec 2018 23:23

Tgt Ion:149 Resp: 5666
 Ion Ratio Lower Upper
 149 100
 150 21.5 8.8 13.2#
 104 16.9 4.5 6.7#





#75

Fluoranthene

Concen: 7.235 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

Instrument :

BNA_F

ClientSampleId :

HR-05-121118-B

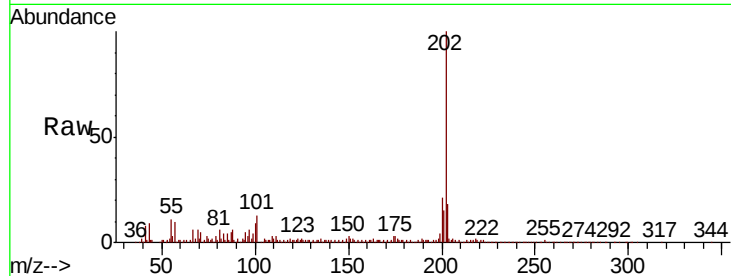
Tgt Ion: 202 Resp: 208339

Ion Ratio Lower Upper

202 100

101 12.9 0.0 33.8

203 18.1 0.0 38.6

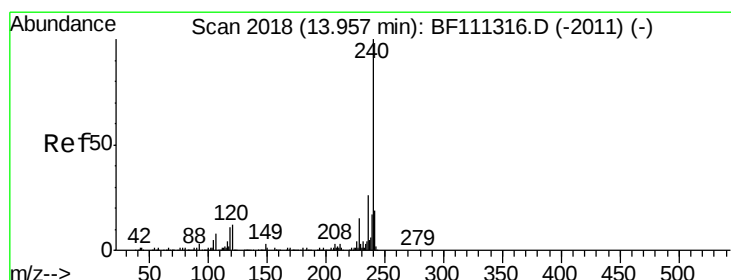
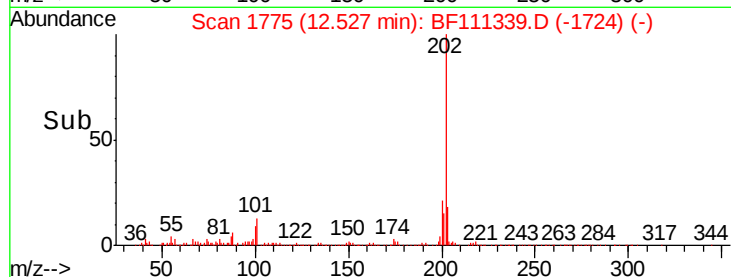
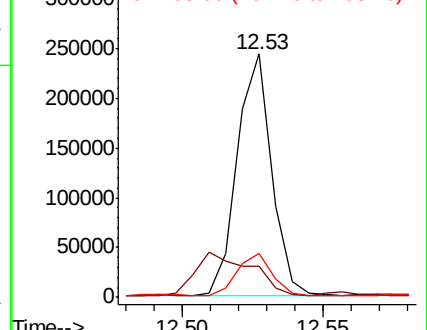


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

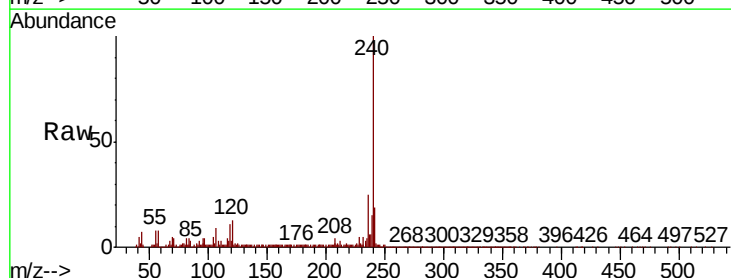
Tgt Ion: 240 Resp: 386296

Ion Ratio Lower Upper

240 100

120 13.4 12.2 18.2

236 25.3 20.2 30.2

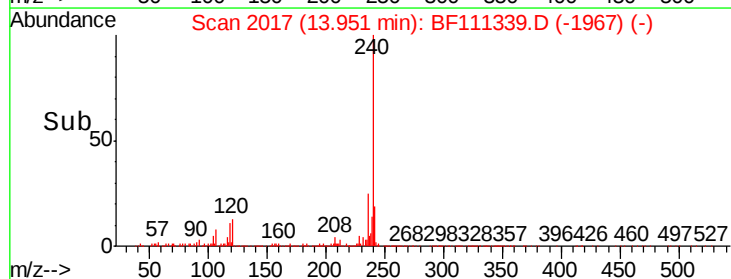
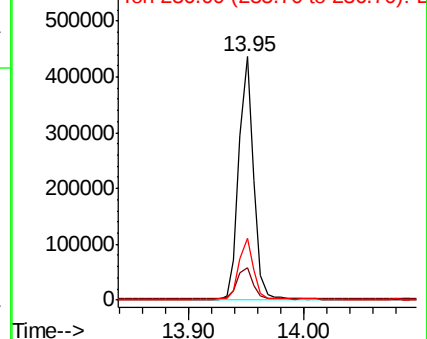


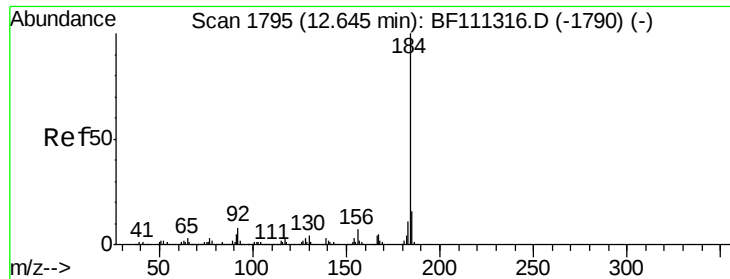
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

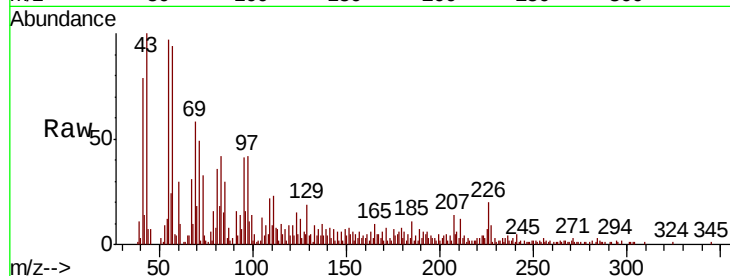




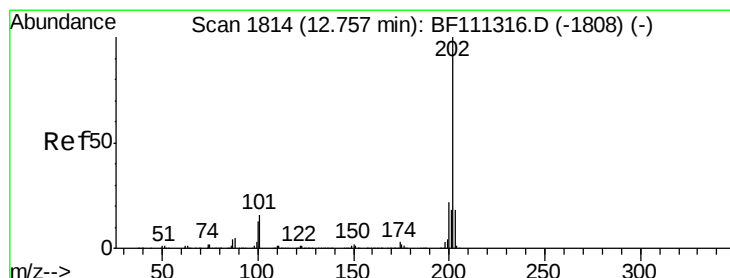
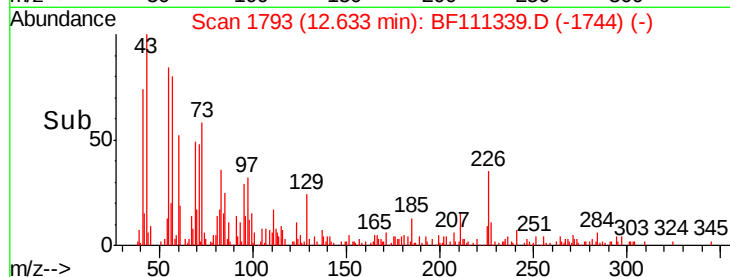
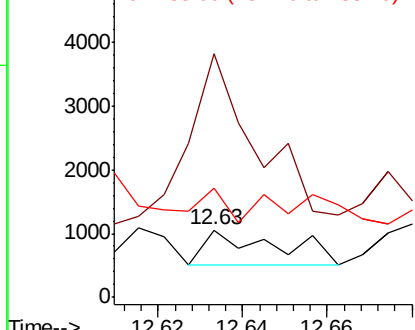
#77
Benzidine
Concen: 0.092 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF111339.D
Acq: 12 Dec 2018 23:23

Instrument :
BNA_F
ClientSampleId :
HR-05-121118-B

Tgt Ion:184 Resp: 668
Ion Ratio Lower Upper
184 100
185 361.3 13.0 19.6#
183 161.9 9.3 13.9#

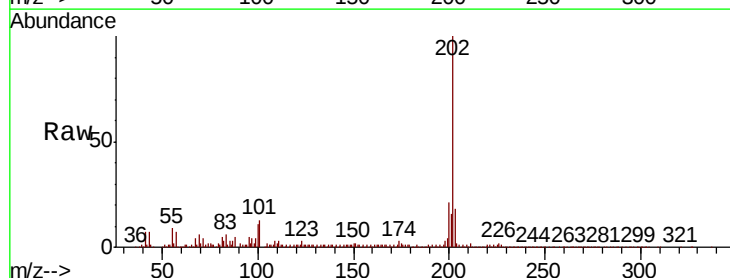


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

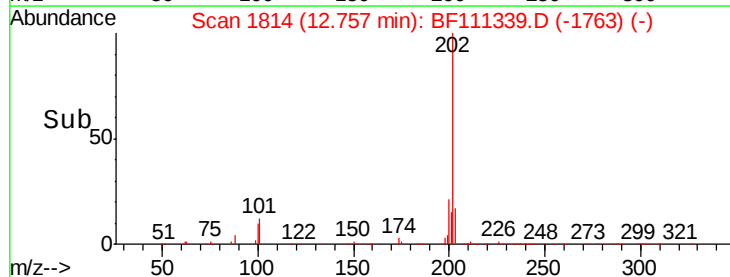
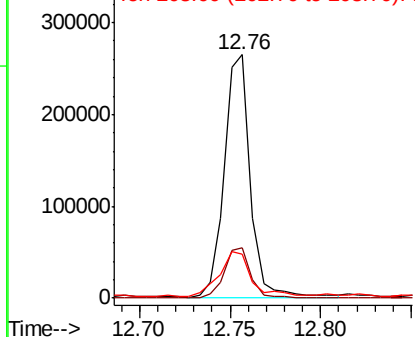


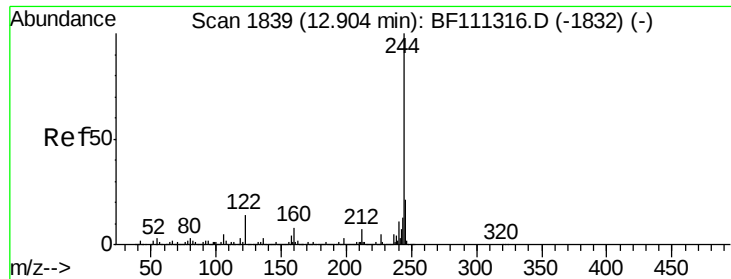
#78
Pyrene
Concen: 8.819 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BF111339.D
Acq: 12 Dec 2018 23:23

Tgt Ion:202 Resp: 262924
Ion Ratio Lower Upper
202 100
200 20.8 19.0 28.4
203 18.0 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 41.891 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

Instrument :

BNA_F

ClientSampleId :

HR-05-121118-B

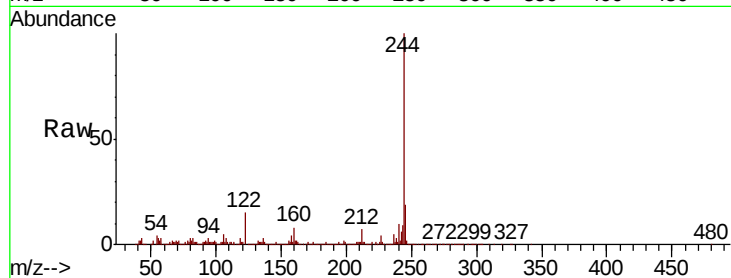
Tgt Ion:244 Resp: 735238

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

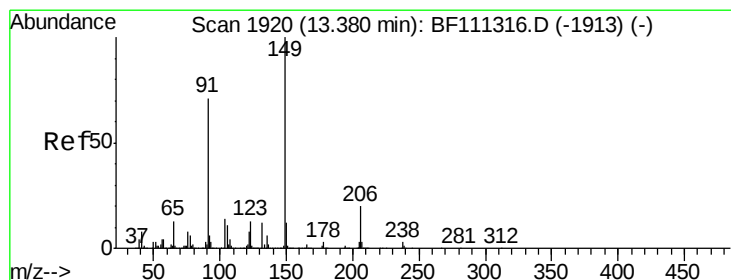
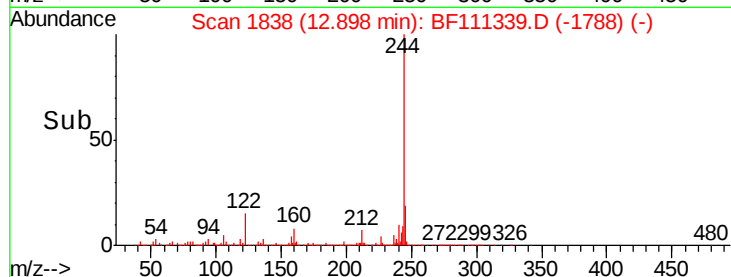
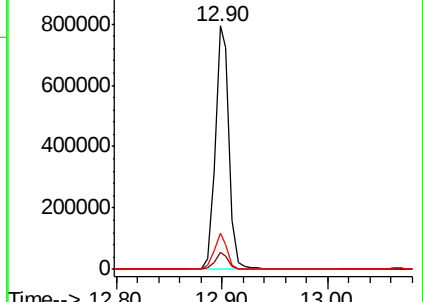
122 15.0 13.1 19.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 0.056 ng

RT: 13.34 min Scan# 1913

Delta R.T. -0.04 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

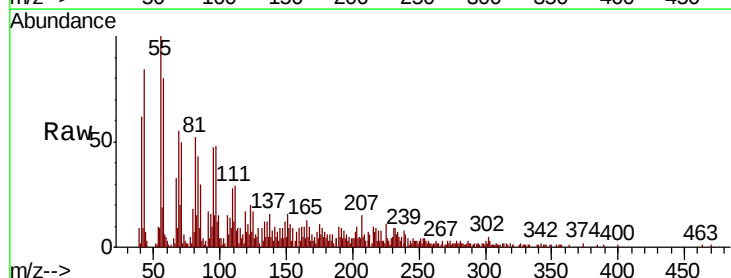
Tgt Ion:149 Resp: 803

Ion Ratio Lower Upper

149 100

91 137.8 63.8 95.6#

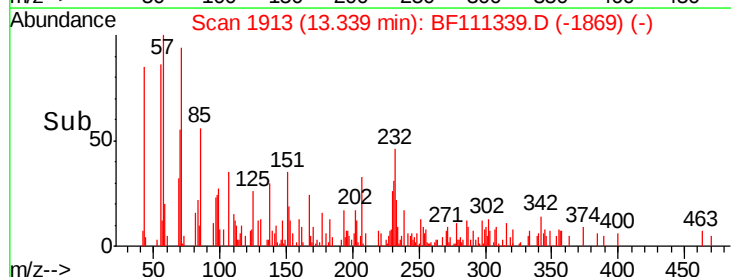
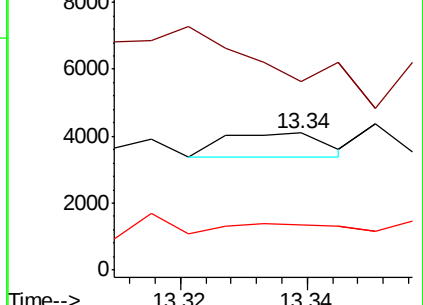
206 32.9 15.1 22.7#

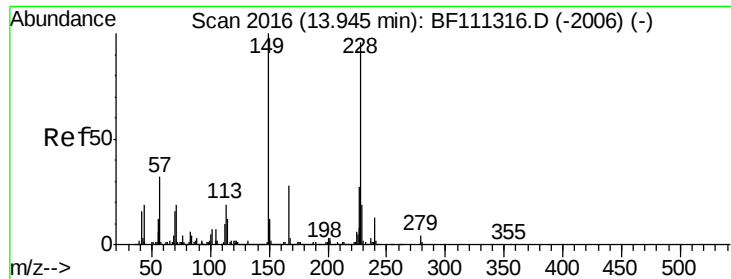


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 4.406 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

Instrument :

BNA_F

ClientSampleId :

HR-05-121118-B

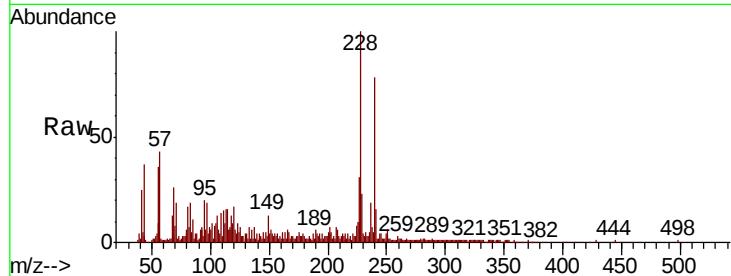
Tgt Ion:228 Resp: 95237

Ion Ratio Lower Upper

228 100

226 31.3 22.6 34.0

229 22.7 16.3 24.5

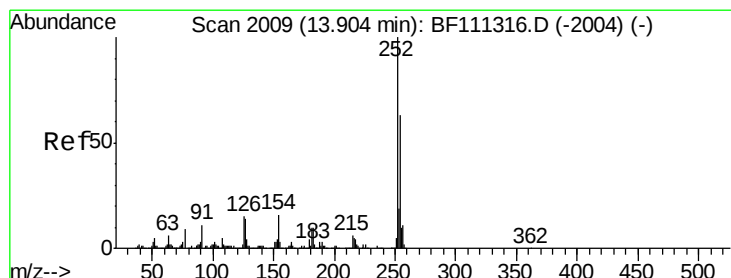
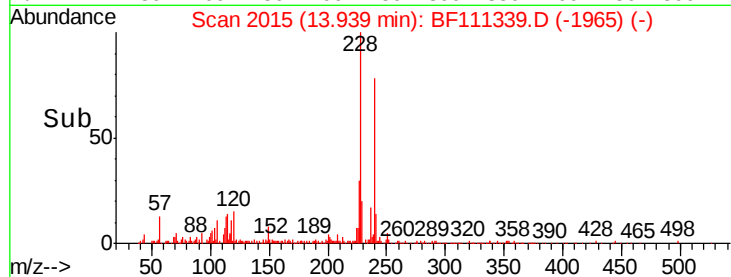
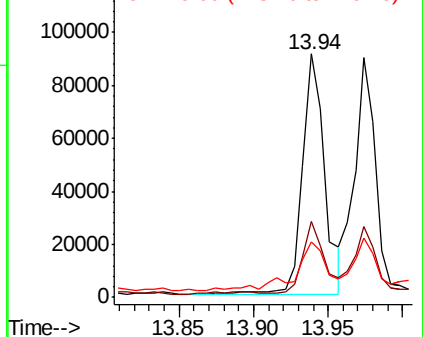


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 0.050 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

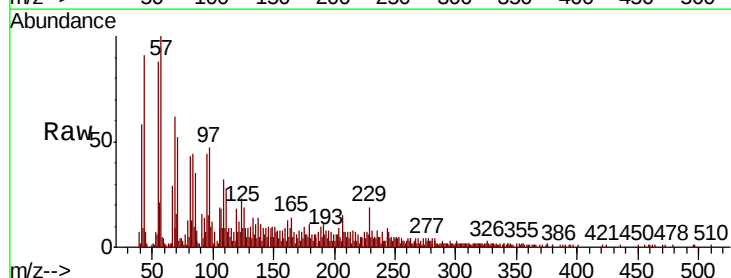
Tgt Ion:252 Resp: 411

Ion Ratio Lower Upper

252 100

254 50.2 52.7 79.1#

126 111.8 11.1 16.7#

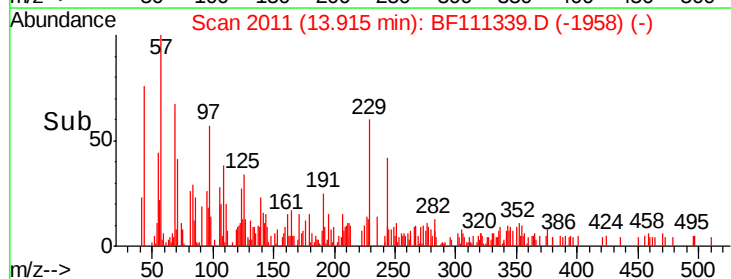
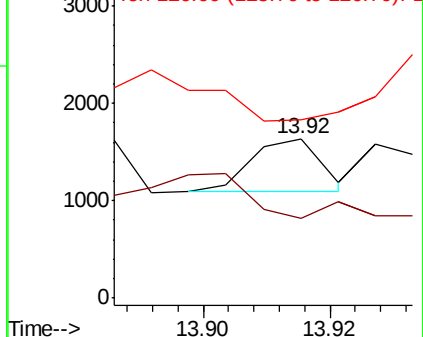


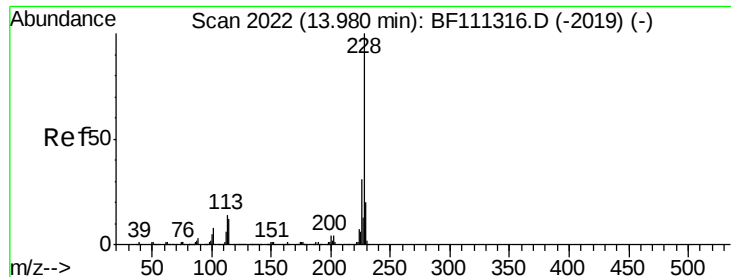
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 4.085 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

Instrument :

BNA_F

ClientSampleId :

HR-05-121118-B

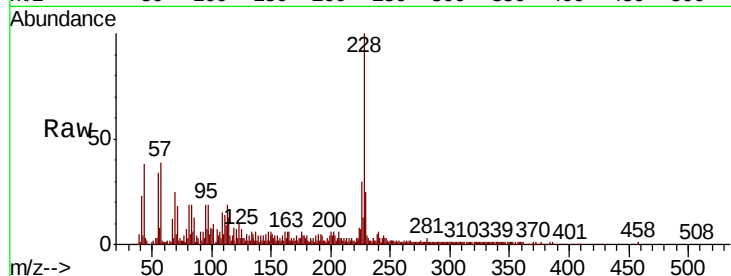
Tgt Ion:228 Resp: 90072

Ion Ratio Lower Upper

228 100

226 29.6 25.3 37.9

229 24.6 17.2 25.8

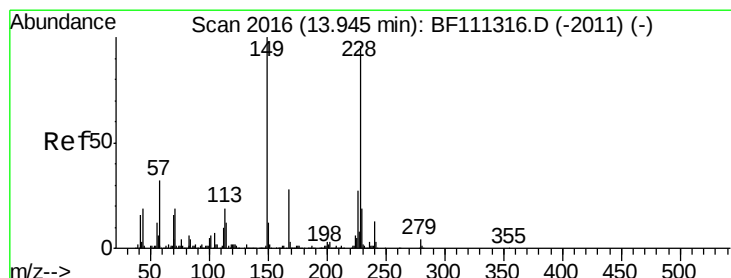
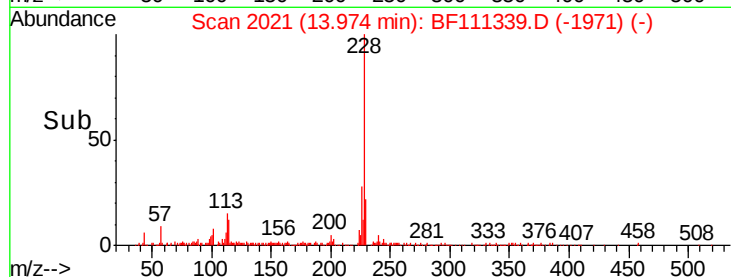
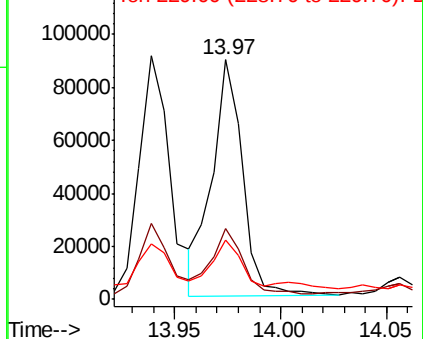


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.487 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

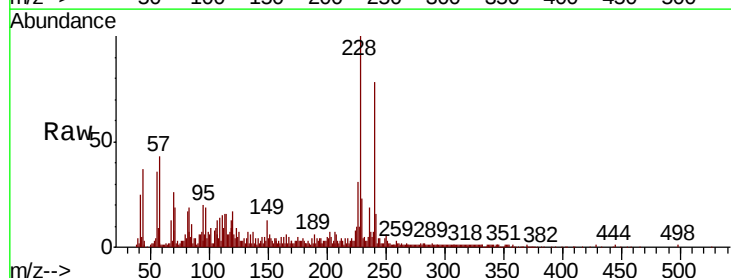
Tgt Ion:149 Resp: 8529

Ion Ratio Lower Upper

149 100

167 37.0 22.5 33.7#

279 12.6 2.6 4.0#

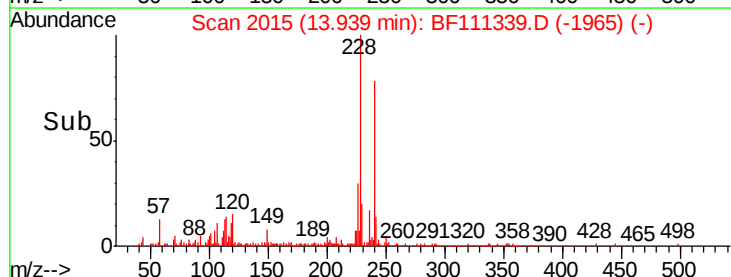
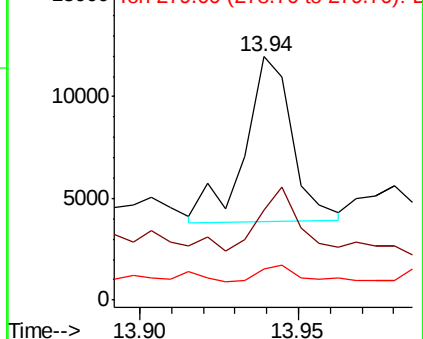


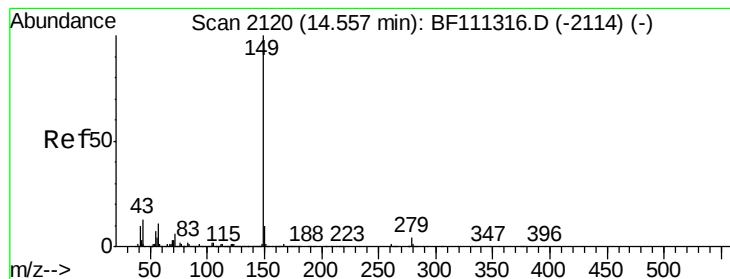
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.105 ng

RT: 14.56 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

Instrument :

BNA_F

ClientSampleId :

HR-05-121118-B

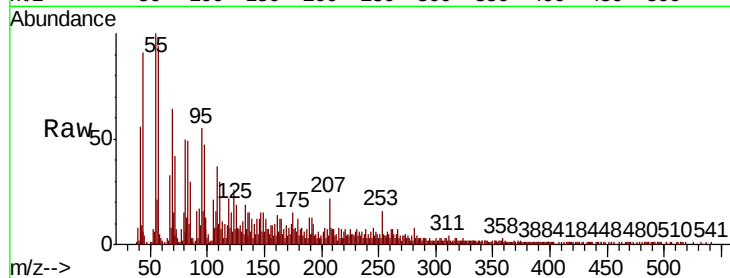
Tgt Ion:149 Resp: 3008

Ion Ratio Lower Upper

149 100

167 23.8 1.3 1.9#

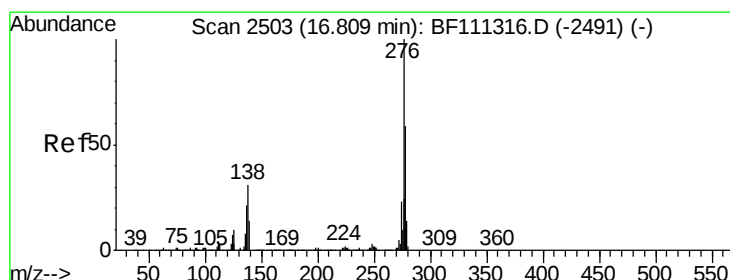
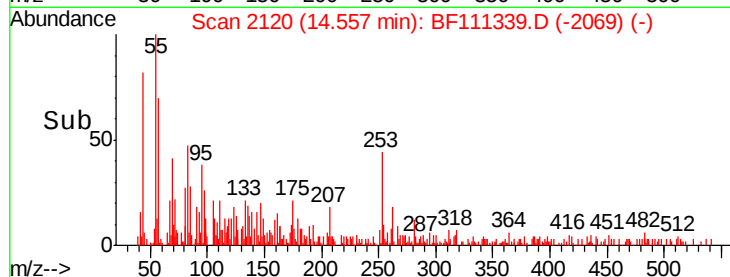
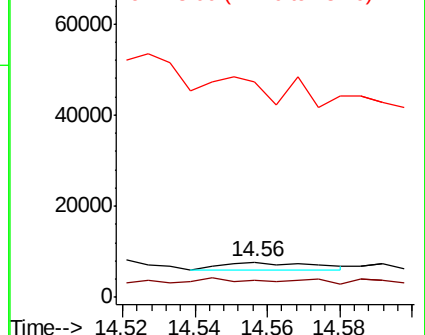
43 0.0 10.9 16.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 1.566 ng

RT: 16.80 min Scan# 2501

Delta R.T. -0.01 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

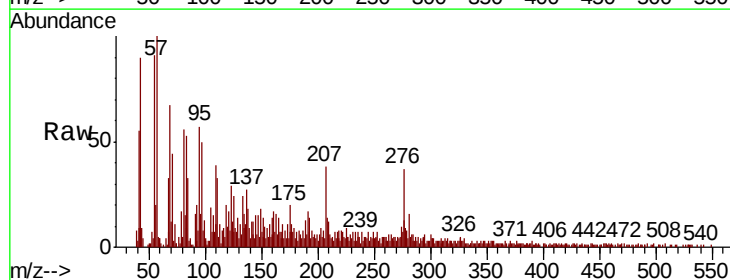
Tgt Ion:276 Resp: 27005

Ion Ratio Lower Upper

276 100

138 30.4 27.8 41.6

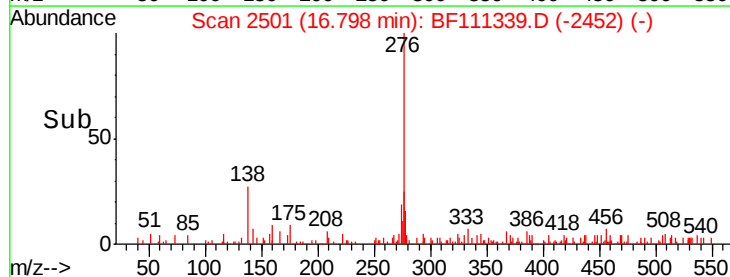
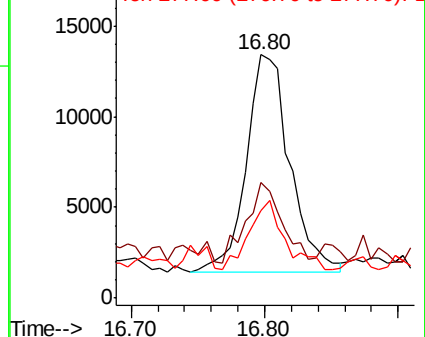
277 25.7 20.1 30.1

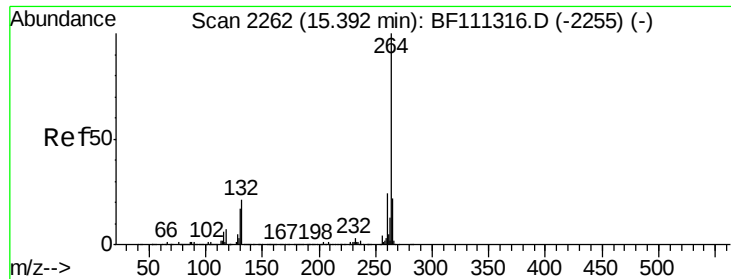


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

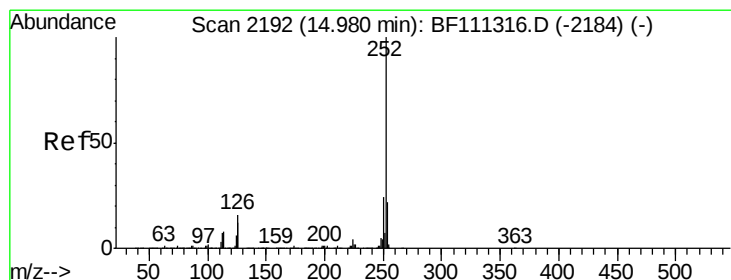
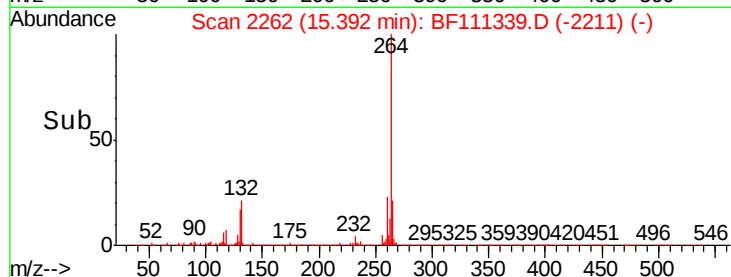
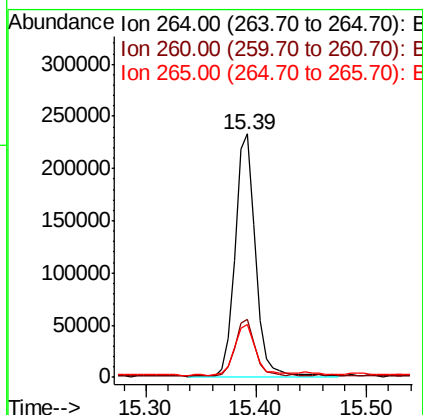
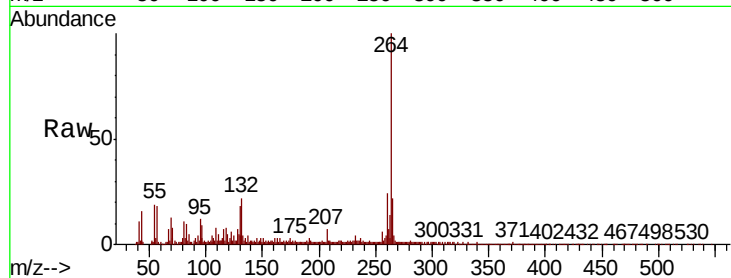




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.00 min
Lab File: BF111339.D
Acq: 12 Dec 2018 23:23

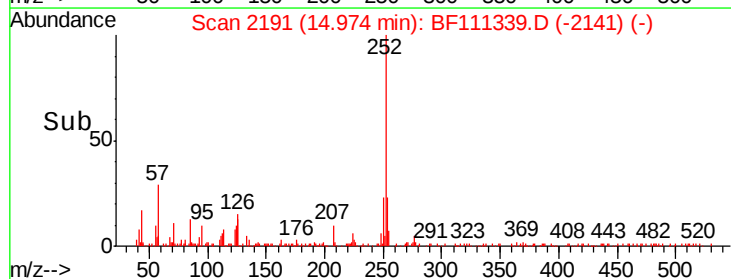
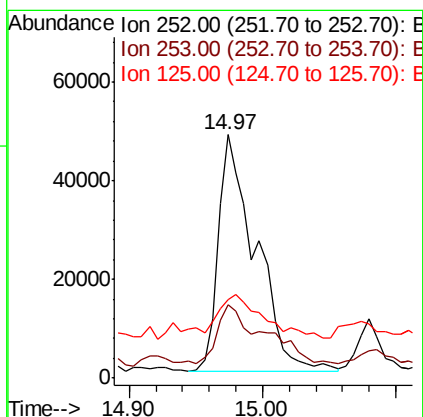
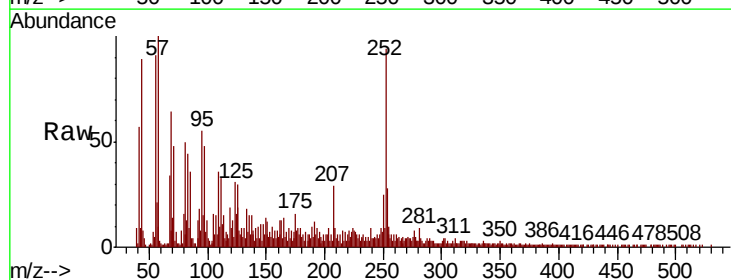
Instrument :
BNA_F
ClientSampleId :
HR-05-121118-B

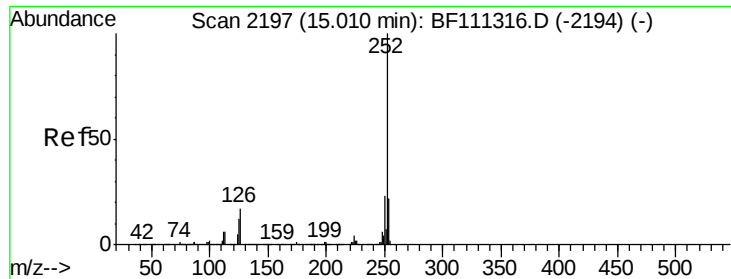
Tgt Ion:264 Resp: 301474
Ion Ratio Lower Upper
264 100
260 23.9 18.3 27.5
265 21.9 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 5.440 ng
RT: 14.97 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF111339.D
Acq: 12 Dec 2018 23:23

Tgt Ion:252 Resp: 93261
Ion Ratio Lower Upper
252 100
253 30.1 18.2 27.2#
125 32.2 10.4 15.6#





#89

Benzo(k)fluoranthene

Concen: 5.450 ng

RT: 14.97 min Scan# 2191

Delta R.T. -0.04 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

Instrument :

BNA_F

ClientSampleId :

HR-05-121118-B

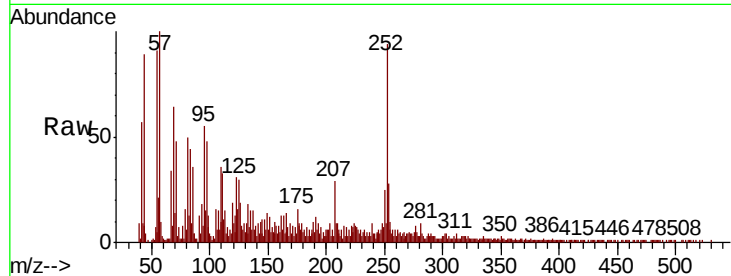
Tgt Ion:252 Resp: 93261

Ion Ratio Lower Upper

252 100

253 30.1 18.1 27.1#

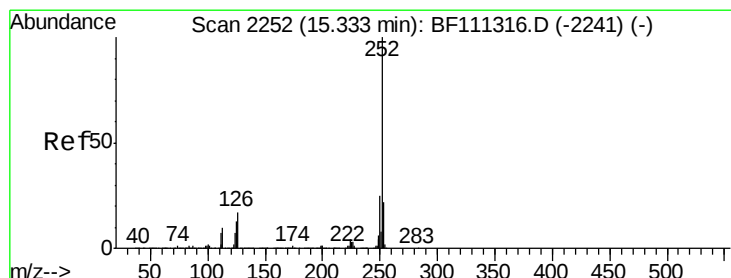
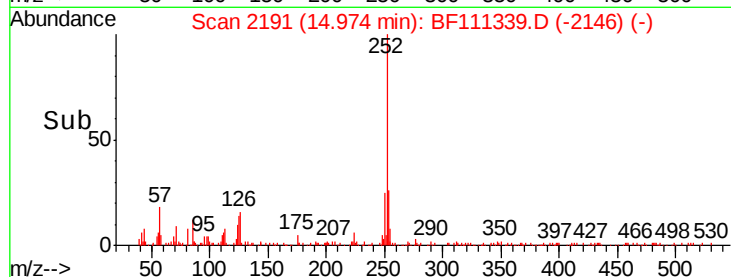
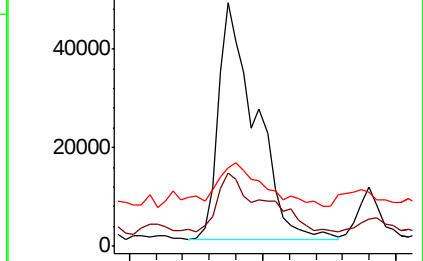
125 32.2 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 3.751 ng

RT: 15.33 min Scan# 2251

Delta R.T. -0.01 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

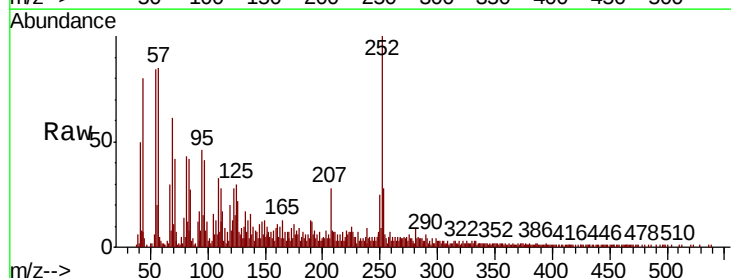
Tgt Ion:252 Resp: 59873

Ion Ratio Lower Upper

252 100

253 27.7 17.8 26.8#

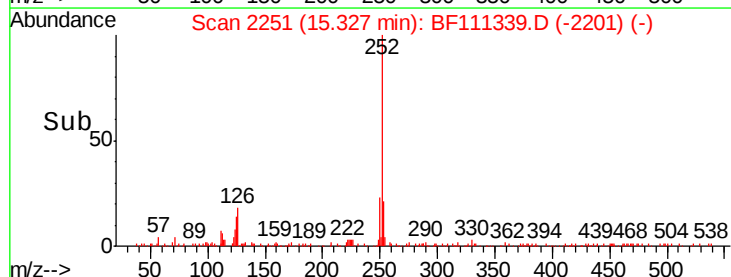
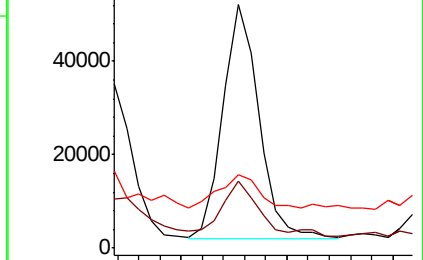
125 30.4 12.3 18.5#

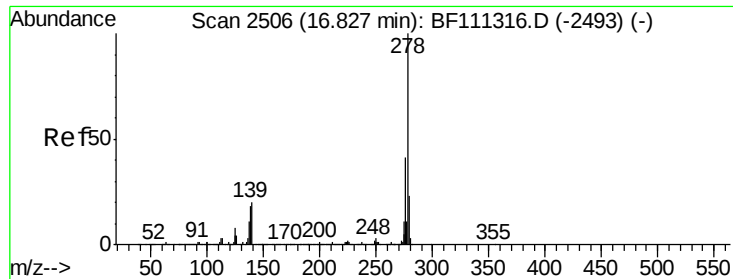


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 0.611 ng

RT: 16.81 min Scan# 2503

Delta R.T. -0.02 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

Instrument :

BNA_F

ClientSampleId :

HR-05-121118-B

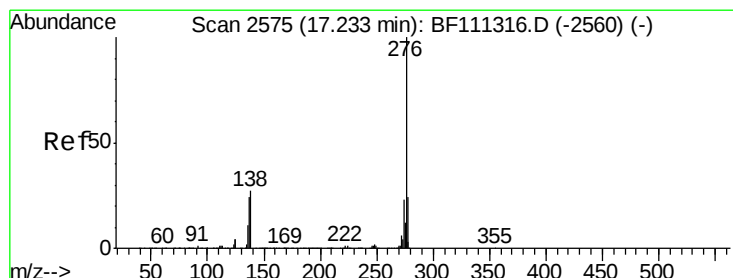
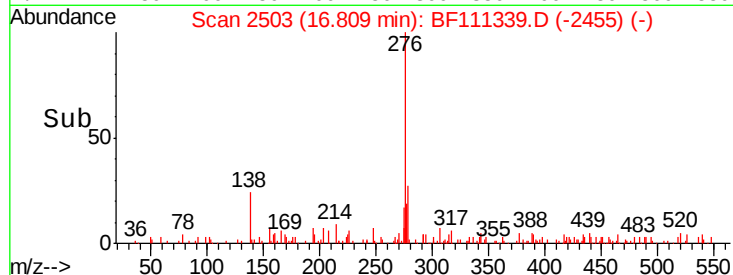
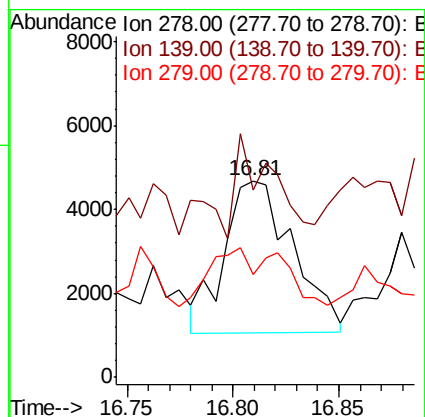
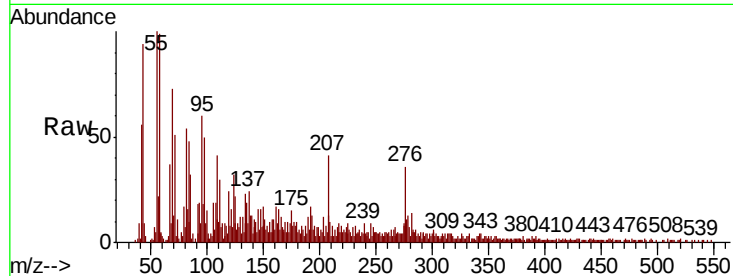
Tgt Ion:278 Resp: 8111

Ion Ratio Lower Upper

278 100

139 95.4 18.2 27.4#

279 52.4 19.0 28.6#



#92

Benzo(g,h,i)perylene

Concen: 2.012 ng

RT: 17.23 min Scan# 2575

Delta R.T. -0.00 min

Lab File: BF111339.D

Acq: 12 Dec 2018 23:23

Tgt Ion:276 Resp: 26710

Ion Ratio Lower Upper

276 100

277 26.6 19.2 28.8

138 37.2 24.9 37.3

