

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
 Data File : BF107531.D
 Acq On : 20 Jul 2018 18:45
 Operator : JU/SJ
 Sample : PB111220BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111220BL

Quant Time: Jul 20 22:44:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	312234	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1215662	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	562102	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	1169773	20.00	ng	0.00
75) Chrysene-d12	14.15	240	1012926	20.00	ng	-0.01
86) Perylene-d12	15.69	264	826180	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	2016861	103.86	ng	0.00
7) Phenol-d6	6.61	99	2436879	104.51	ng	0.00
23) Nitrobenzene-d5	7.54	82	1486709	82.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	739153	115.64	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	2656798	79.53	ng	0.00
78) Terphenyl-d14	13.10	244	2994425	75.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.78	88	107	0.012	ng	# 1
3) Pyridine	3.69	79	110	0.004	ng	# 6
4) n-Nitrosodimethylamine	3.62	42	235	0.023	ng	# 1
6) Aniline	6.66	93	571	0.019	ng	# 1
8) 2-Chlorophenol	6.75	128	964	0.046	ng	# 1
9) Benzaldehyde	6.75	77	44303	1.026	ng	80
10) Phenol	6.61	94	308	0.011	ng	# 1
11) bis(2-Chloroethyl)ether	6.74	93	3005	0.132	ng	# 1
12) 1,3-Dichlorobenzene	7.13	146	463	0.020	ng	# 1
13) 1,4-Dichlorobenzene	7.13	146	463	0.019	ng	# 1
14) 1,2-Dichlorobenzene	7.13	146	463	0.021	ng	# 1
15) Benzyl Alcohol	7.12	79	24313	1.530	ng	# 48
16) 2,2'-oxybis(1-Chloropropan	7.40	45	162	0.004	ng	70
17) 2-Methylphenol	7.23	107	110	0.006	ng	# 1
18) Hexachloroethane	7.38	117	128	0.015	ng	# 2
19) n-Nitroso-di-n-propylamine	7.54	70	199874	13.268	ng	# 79
20) 3+4-Methylphenols	7.41	107	106	0.005	ng	# 20
22) Acetophenone	7.55	105	162	0.006	ng	# 1
24) Nitrobenzene	7.54	77	5024	0.244	ng	# 32
25) Isophorone	7.54	82	1486699	38.655	ng	# 64
28) bis(2-Chloroethoxy)methane	8.25	93	394	0.015	ng	# 1
31) Naphthalene	8.28	128	238	0.004	ng	# 68
33) 4-Chloroaniline	8.37	127	110	0.005	ng	# 46
37) 2-Methylnaphthalene	9.08	142	122	0.003	ng	# 15
45) 1,1'-Biphenyl	9.43	154	6238	0.127	ng	89
46) 2-Chloronaphthalene	9.46	162	106	0.003	ng	# 37
47) 2-Nitroaniline	9.33	65	5486	0.503	ng	# 3
48) Acenaphthylene	9.87	152	385	0.007	ng	# 60
50) 2,6-Dinitrotoluene	10.01	165	69333	8.243	ng	# 26
51) Acenaphthene	10.05	154	397	0.011	ng	# 61
54) Dibenzofuran	10.22	168	173	0.003	ng	# 45
55) 4-Nitrophenol	10.21	139	124	0.016	ng	# 9
56) 2,4-Dinitrotoluene	10.01	165	69333	6.829	ng	# 24
57) Fluorene	10.81	166	29961	0.810	ng	# 91

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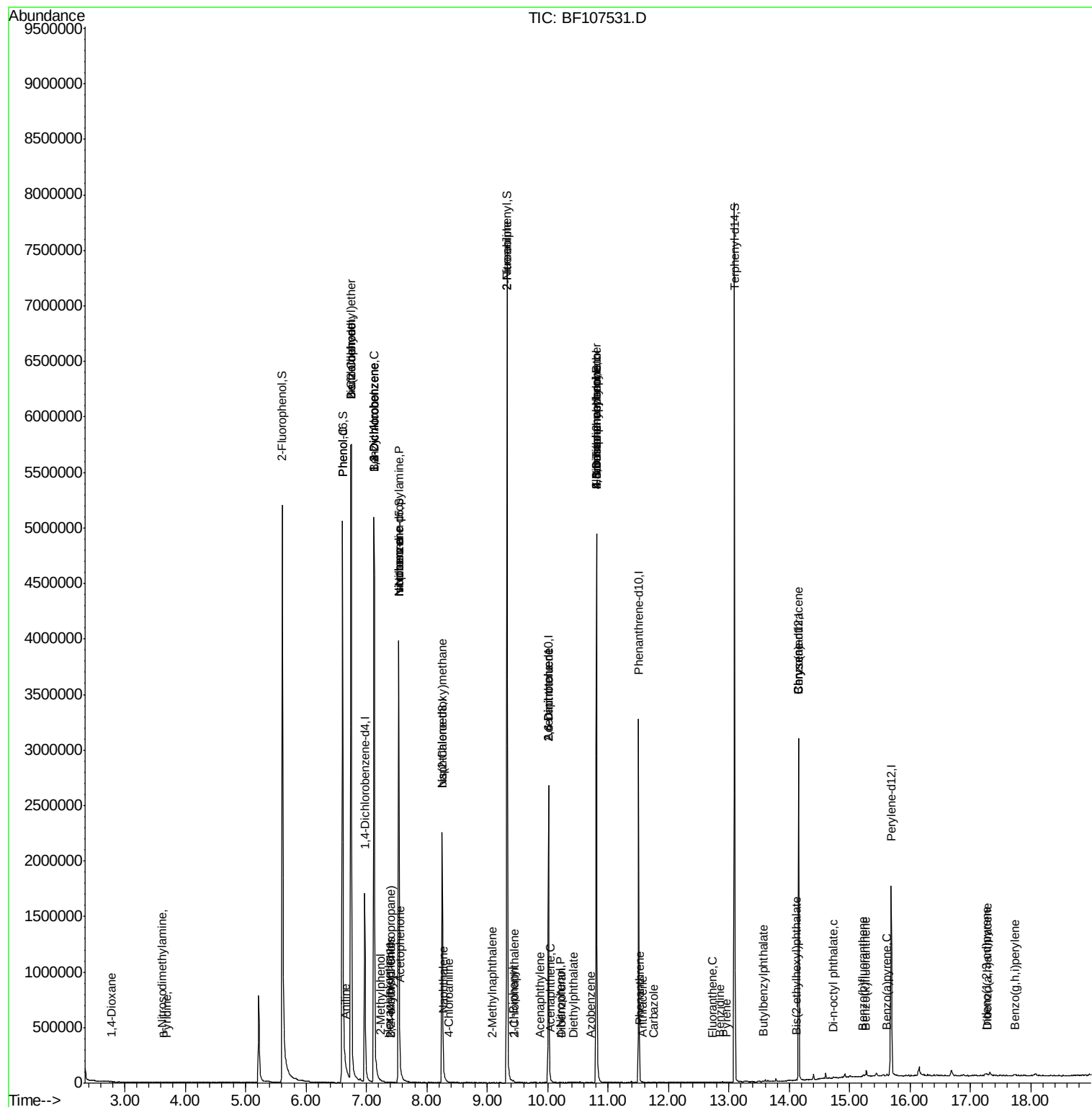
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) Diethylphthalate	10.42	149	347	0.008	ng	# 61
62) Azobenzene	10.72	77	615	0.015	ng	# 54
64) 4,6-Dinitro-2-methylphenol	10.81	198	1312	8.871	ng	# 1
65) n-Nitrosodiphenylamine	10.81	169	20280	0.510	ng	# 43
66) 4-Bromophenyl-phenylether	10.81	248	43711	3.174	ng	# 1
70) Phenanthrene	11.53	178	675	0.012	ng	# 59
71) Anthracene	11.58	178	767	0.013	ng	# 60
72) Carbazole	11.75	167	1825	0.031	ng	# 69
73) Di-n-butylphthalate	12.05	149	3596	Below Cal	#	78
74) Fluoranthene	12.72	202	1028	0.017	ng	# 62
76) Benzydine	12.85	184	4475	0.153	ng	# 66
77) Pyrene	12.96	202	1017	0.015	ng	# 74
79) Butylbenzylphthalate	13.57	149	1048	0.035	ng	# 57
80) Benzo(a)anthracene	14.15	228	6254	0.105	ng	# 96
81) 3,3'-Dichlorobenzidine	14.11	252	792	Below Cal	#	75
82) Chrysene	14.15	228	6254	0.110	ng	# 93
83) Bis(2-ethylhexyl)phthalate	14.11	149	2549	0.061	ng	# 94
84) Di-n-octyl phthalate	14.74	149	5713	0.087	ng	# 65
85) Indeno(1,2,3-cd)pyrene	17.25	276	8450	0.175	ng	# 97
87) Benzo(b)fluoranthene	15.22	252	6111	0.135	ng	# 88
88) Benzo(k)fluoranthene	15.25	252	5607	0.127	ng	# 92
89) Benzo(a)pyrene	15.62	252	5922	0.143	ng	# 78
90) Dibenzo(a,h)anthracene	17.27	278	5785	0.162	ng	# 92
91) Benzo(g,h,i)perylene	17.74	276	7282	0.206	ng	# 93

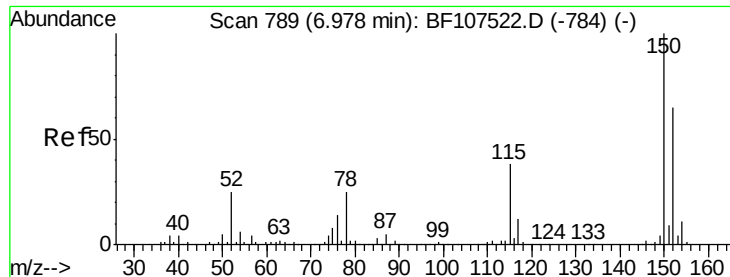
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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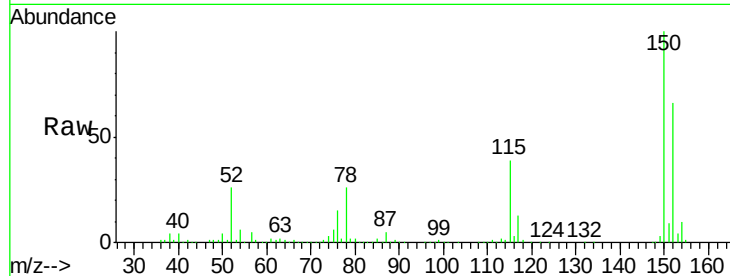


#1

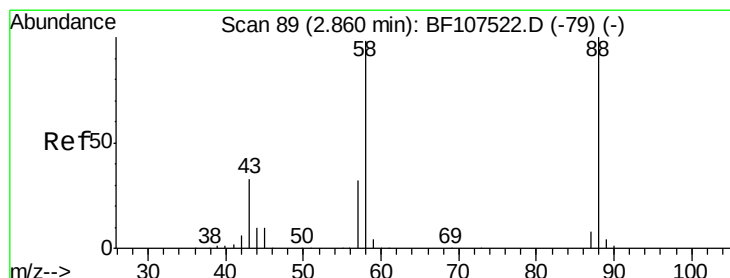
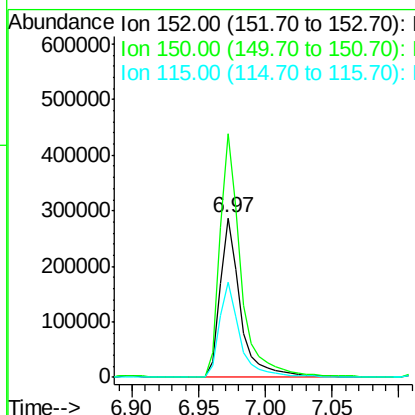
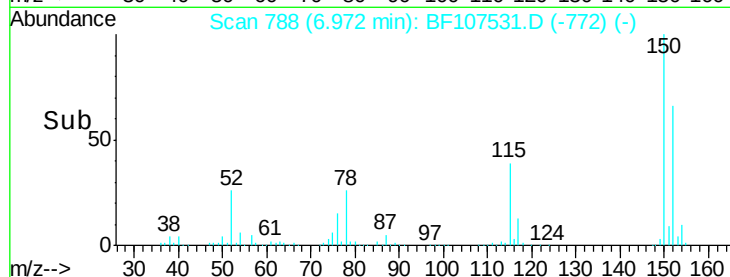
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107531.D
Acq: 20 Jul 2018 18:45

Instrument :
BNA_F
ClientSampleId :
PB111220BL

Tgt Ion: 152 Resp: 312234
Ion Ratio Lower Upper
152 100
150 152.6 124.6 186.8
115 59.4 50.1 75.1



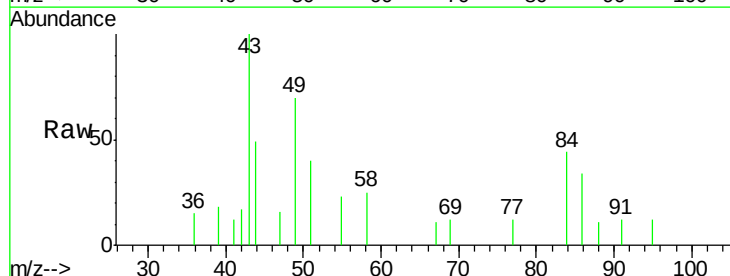
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



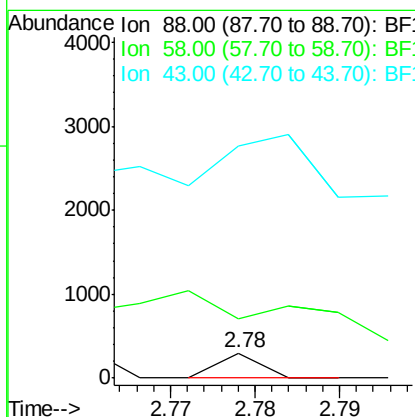
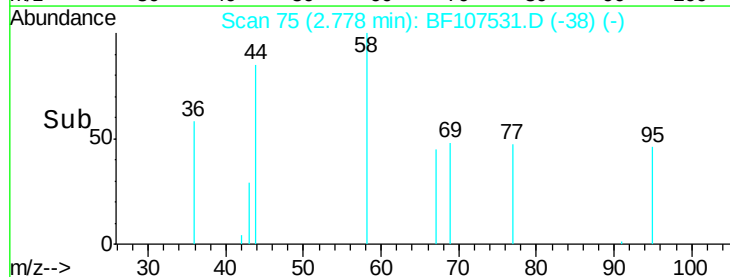
#2

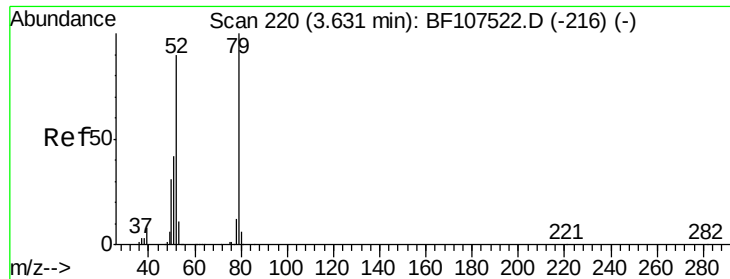
1,4-Dioxane
Concen: 0.012 ng
RT: 2.78 min Scan# 75
Delta R.T. -0.08 min
Lab File: BF107531.D
Acq: 20 Jul 2018 18:45

Tgt Ion: 88 Resp: 107
Ion Ratio Lower Upper
88 100
58 0.0 62.6 93.8#
43 431.8 24.6 37.0#



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: 0.004 ng

RT: 3.69 min Scan# 230

Delta R.T. 0.06 min

Lab File: BF107531.D

Acq: 20 Jul 2018 18:45

Instrument :

BNA_F

ClientSampleId :

PB111220BL

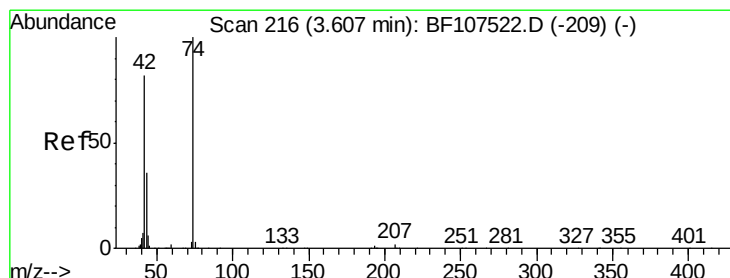
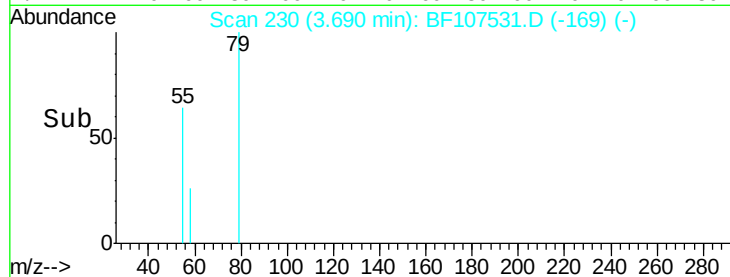
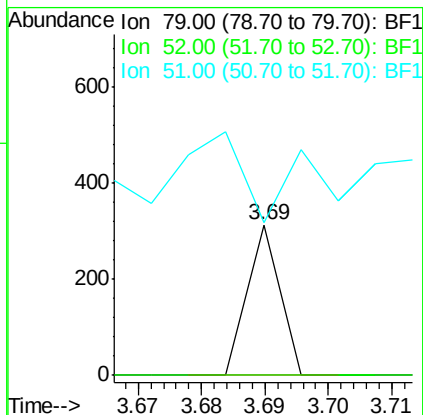
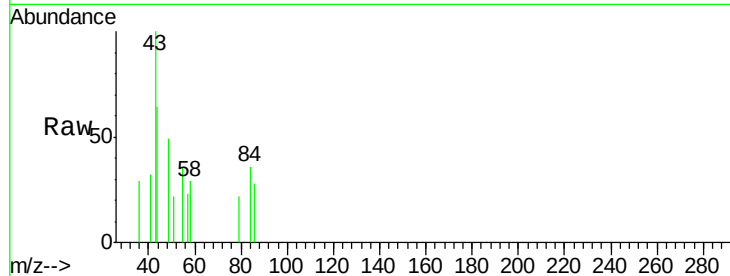
Tgt Ion: 79 Resp: 110

Ion Ratio Lower Upper

79 100

52 0.0 59.8 89.6#

51 101.3 29.8 44.8#



#4

n-Nitrosodimethylamine

Concen: 0.023 ng

RT: 3.62 min Scan# 218

Delta R.T. 0.01 min

Lab File: BF107531.D

Acq: 20 Jul 2018 18:45

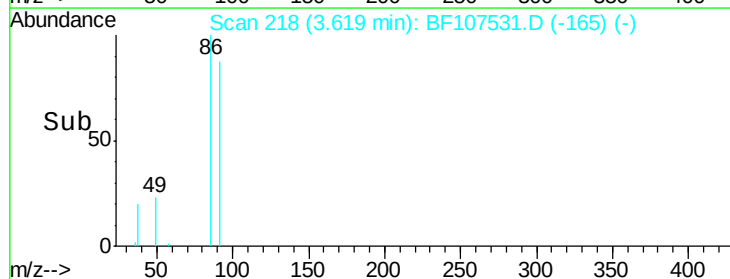
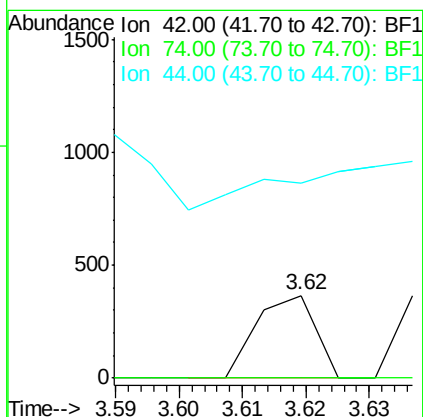
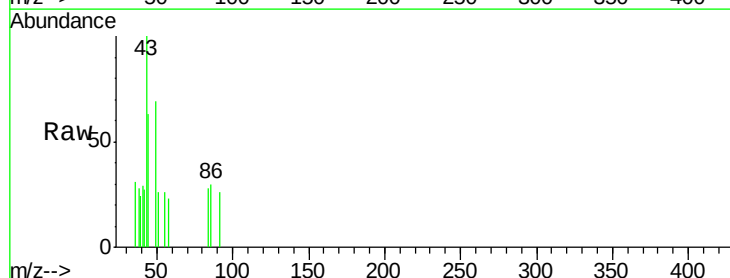
Tgt Ion: 42 Resp: 235

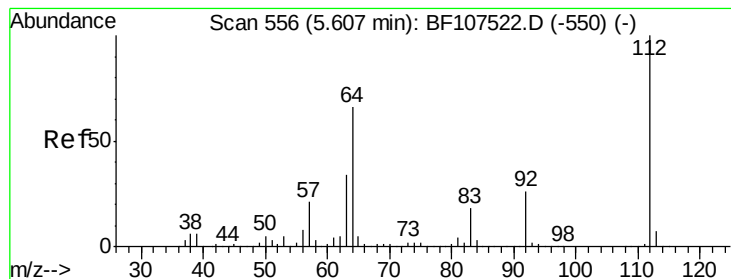
Ion Ratio Lower Upper

42 100

74 0.0 104.9 157.3#

44 236.1 6.9 10.3#





#5

2-Fluorophenol

Concen: 103.856 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF107531.D

Acq: 20 Jul 2018 18:45

Instrument :

BNA_F

ClientSampleId :

PB111220BL

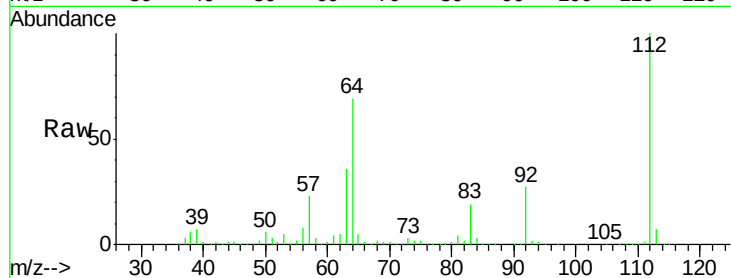
Tgt Ion: 112 Resp: 2016861

Ion Ratio Lower Upper

112 100

64 69.4 47.9 71.9

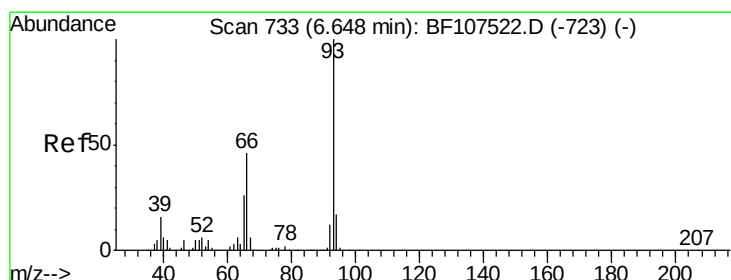
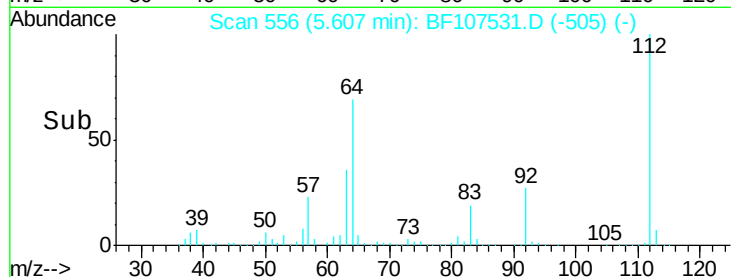
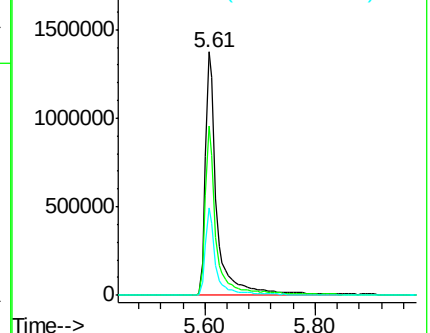
63 36.0 23.7 35.5#



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: 0.019 ng

RT: 6.66 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF107531.D

Acq: 20 Jul 2018 18:45

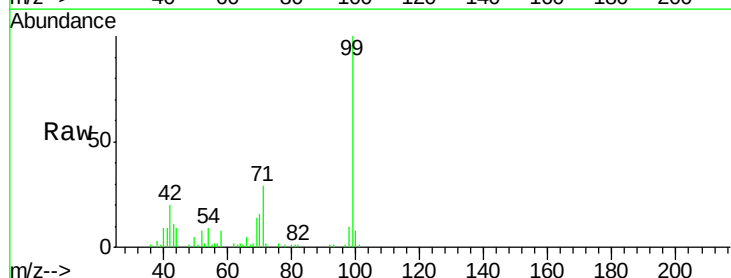
Tgt Ion: 93 Resp: 571

Ion Ratio Lower Upper

93 100

66 393.2 32.2 48.2#

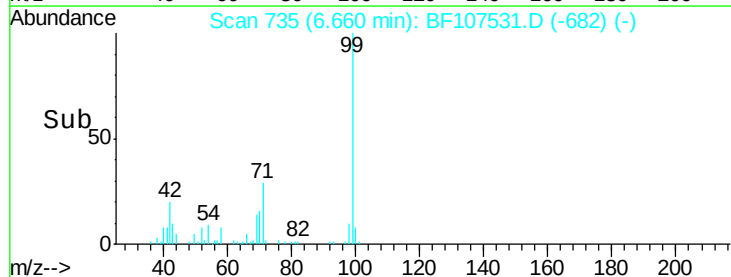
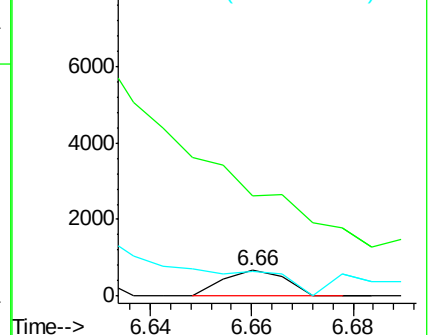
65 95.5 16.4 24.6#

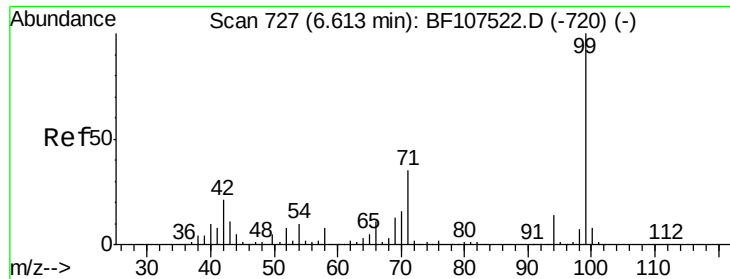


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 104.506 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

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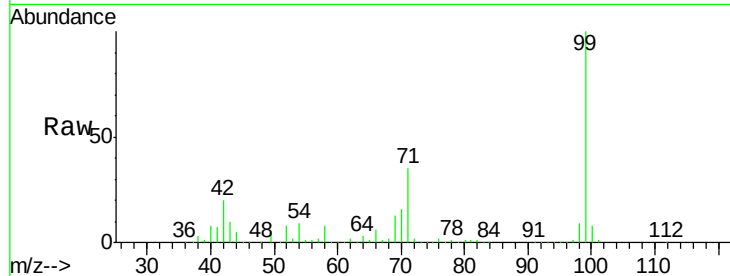
Tgt Ion: 99 Resp: 2436879

Ion Ratio Lower Upper

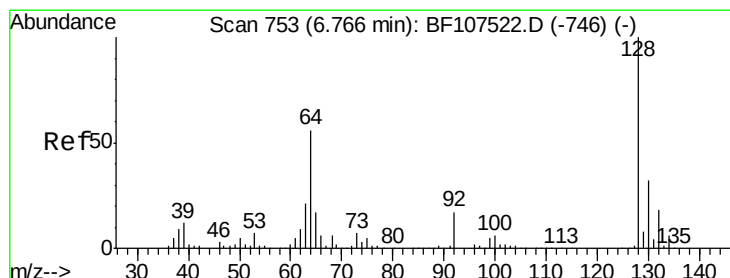
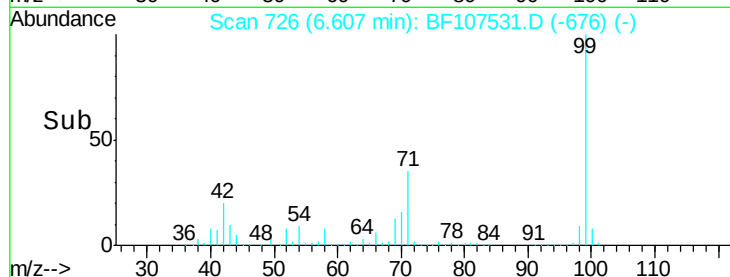
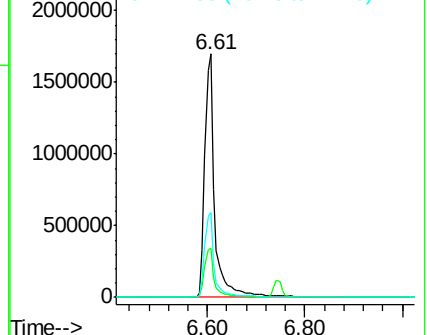
99 100

42 19.9 14.5 21.7

71 34.9 25.4 38.0



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: 0.046 ng

RT: 6.75 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF107531.D

Acq: 20 Jul 2018 18:45

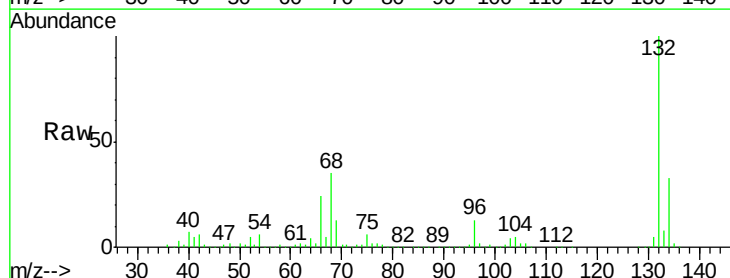
Tgt Ion: 128 Resp: 964

Ion Ratio Lower Upper

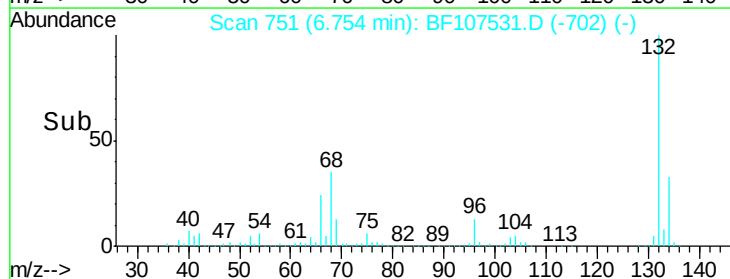
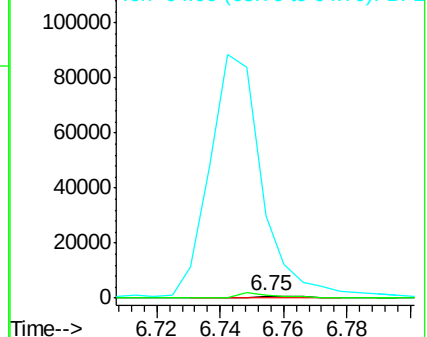
128 100

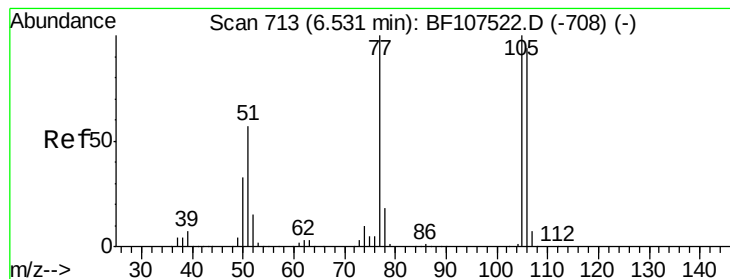
130 129.8 13.0 53.0#

64 4071.7 29.4 69.4#



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: 1.026 ng

RT: 6.75 min Scan# 750

Delta R.T. 0.22 min

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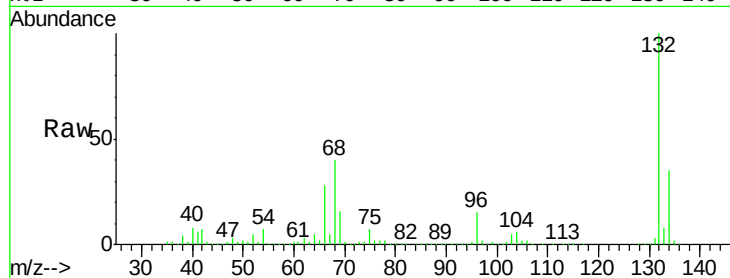
Tgt Ion: 77 Resp: 44303

Ion Ratio Lower Upper

77 100

105 81.2 81.1 121.1

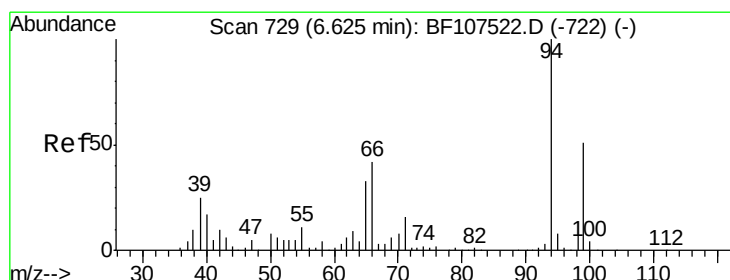
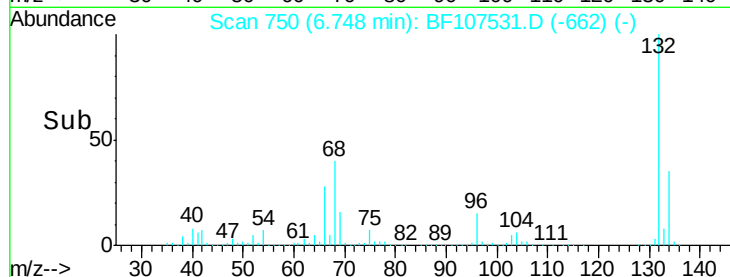
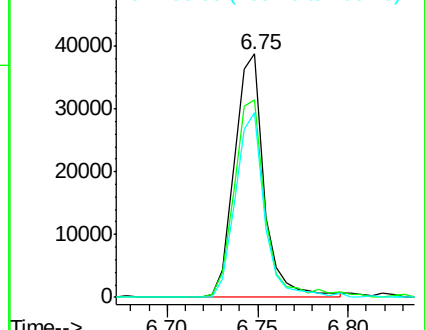
106 75.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 0.011 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF107531.D

Acq: 20 Jul 2018 18:45

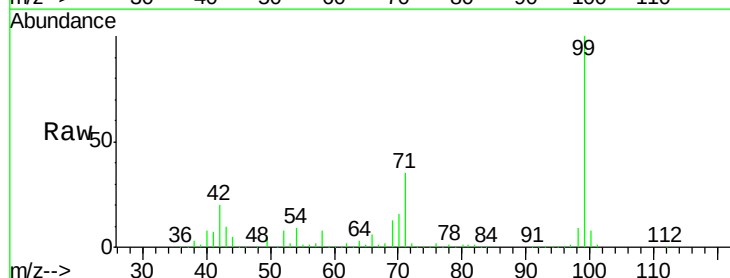
Tgt Ion: 94 Resp: 308

Ion Ratio Lower Upper

94 100

65 3548.7 7.9 47.9#

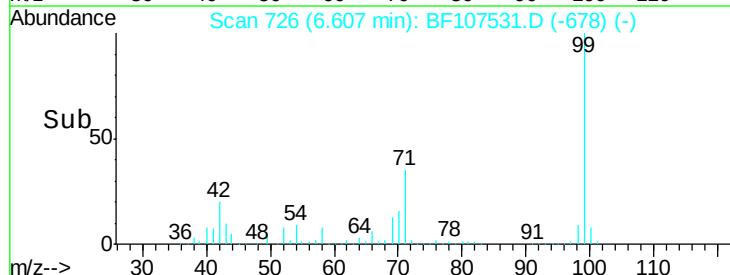
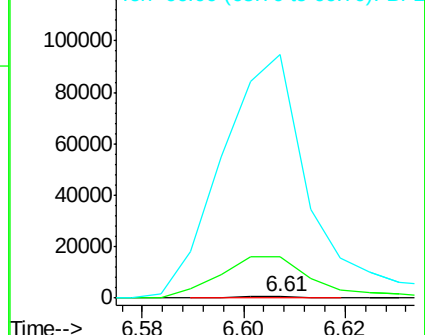
66 21031.1 16.2 56.2#

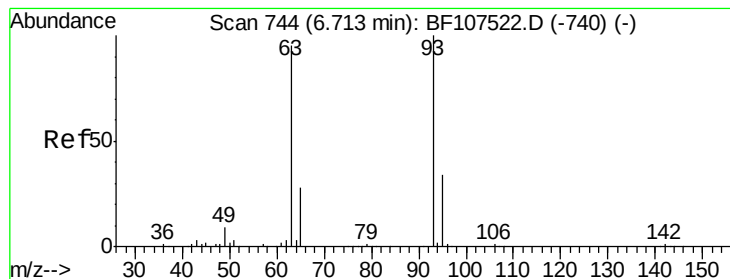


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 0.132 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.03 min

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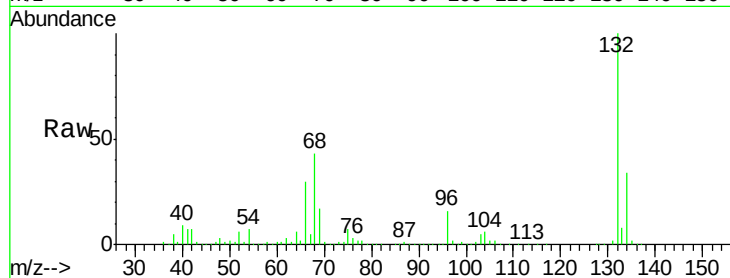
Tgt Ion: 93 Resp: 3005

Ion Ratio Lower Upper

93 100

63 720.1 58.6 98.6#

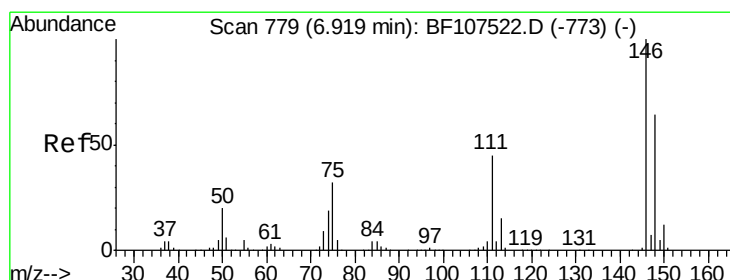
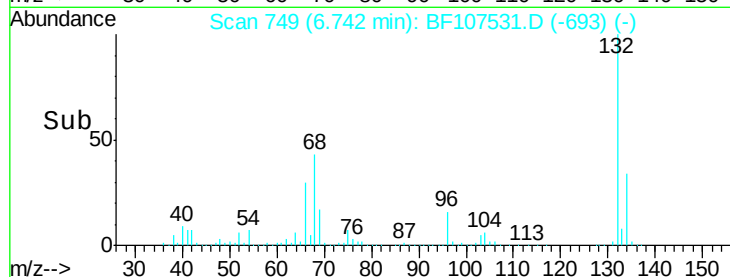
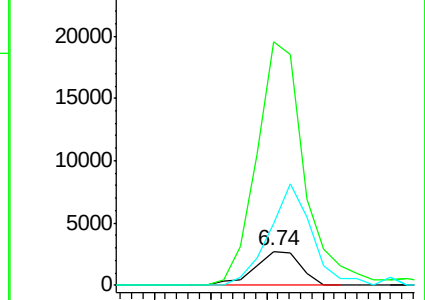
95 184.3 11.8 51.8#



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



#12

1,3-Dichlorobenzene

Concen: 0.020 ng

RT: 7.13 min Scan# 815

Delta R.T. 0.21 min

Lab File: BF107531.D

Acq: 20 Jul 2018 18:45

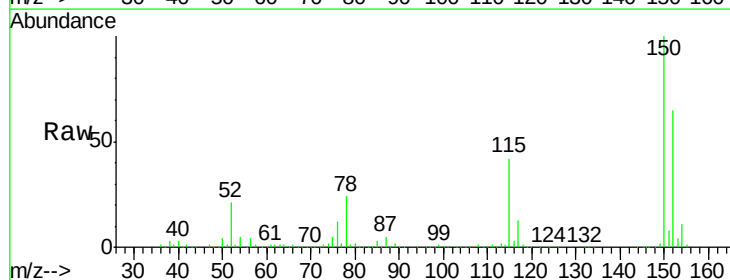
Tgt Ion: 146 Resp: 463

Ion Ratio Lower Upper

146 100

148 278.8 51.8 77.8#

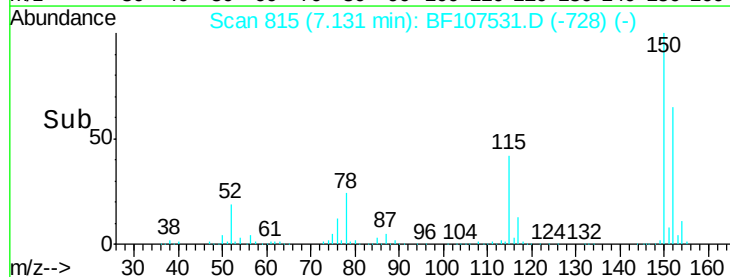
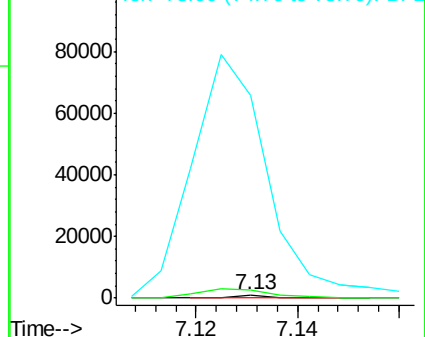
75 6756.6 24.2 36.4#

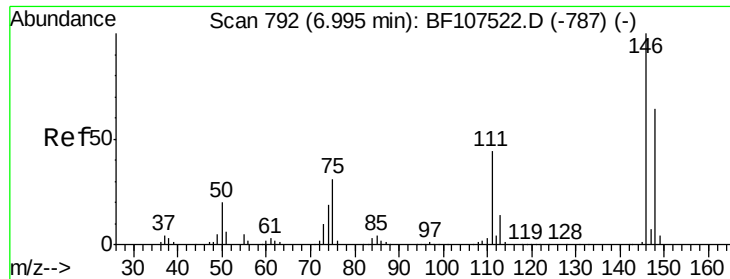


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

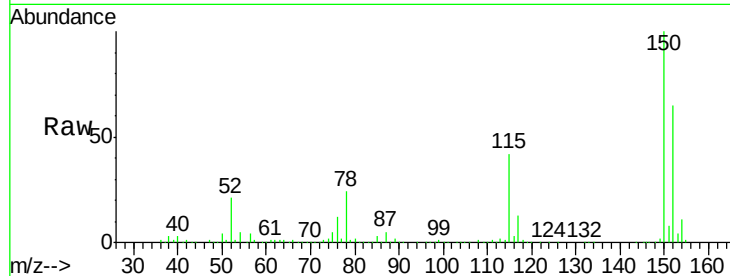




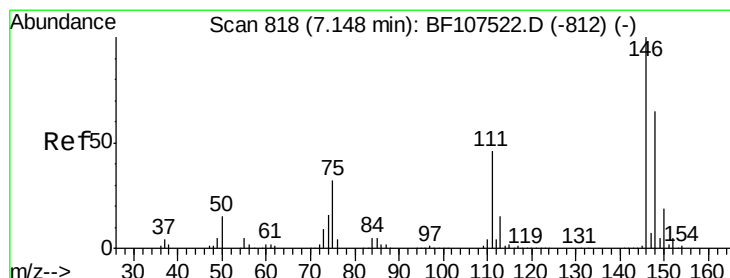
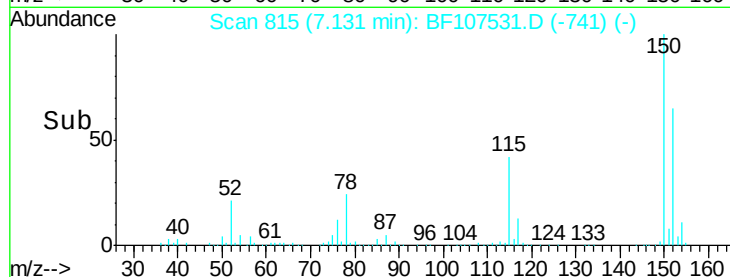
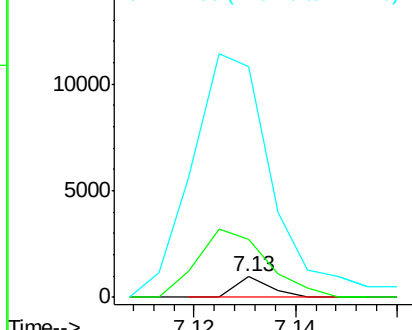
#13
 1,4-Dichlorobenzene
 Concen: 0.019 ng
 RT: 7.13 min Scan# 815
 Delta R.T. 0.14 min
 Lab File: BF107531.D
 Acq: 20 Jul 2018 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB111220BL

Tgt Ion:146 Resp: 463
 Ion Ratio Lower Upper
 146 100
 148 278.8 50.8 76.2#
 111 1105.2 34.2 51.2#

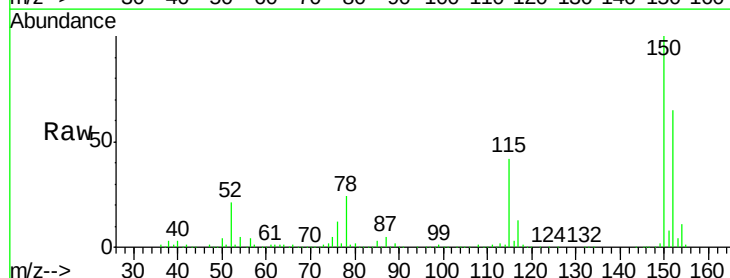


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

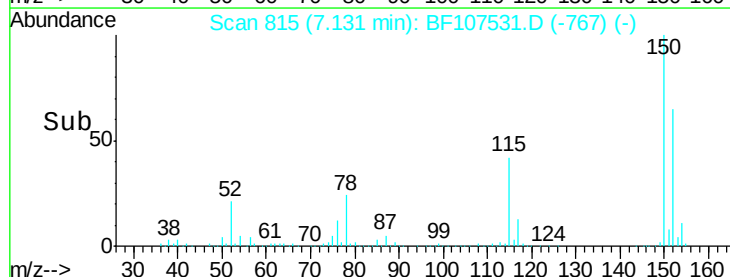
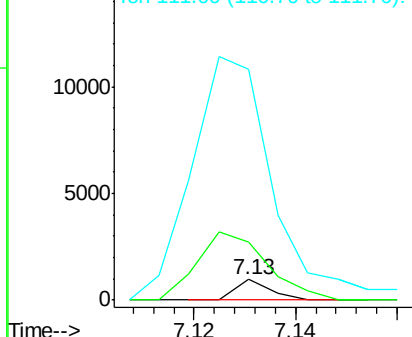


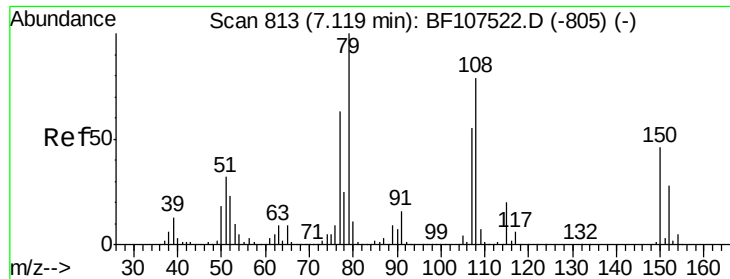
#14
 1,2-Dichlorobenzene
 Concen: 0.021 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF107531.D
 Acq: 20 Jul 2018 18:45

Tgt Ion:146 Resp: 463
 Ion Ratio Lower Upper
 146 100
 148 278.8 50.6 75.8#
 111 1105.2 36.0 54.0#



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

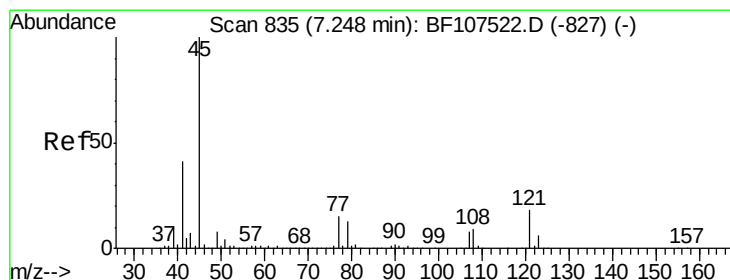
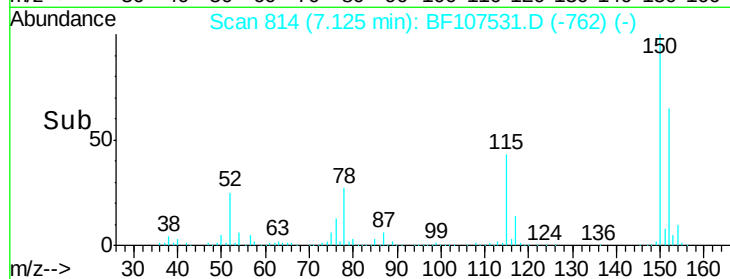
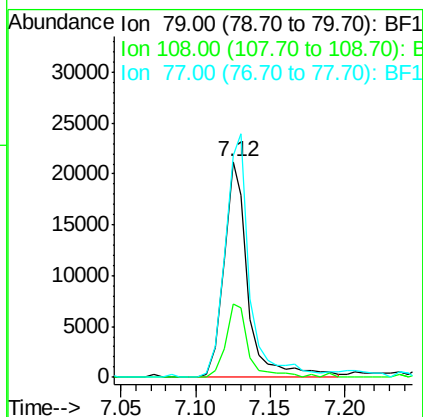
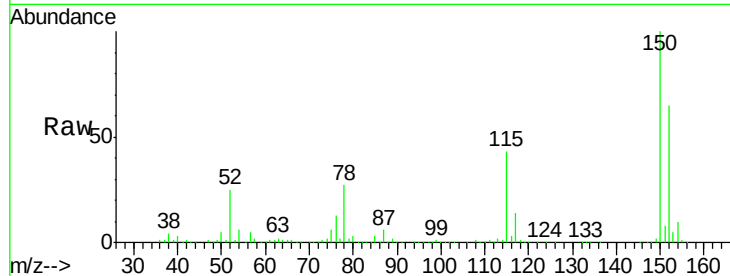




#15
Benzyl Alcohol
Concen: 1.530 ng
RT: 7.12 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF107531.D
Acq: 20 Jul 2018 18:45

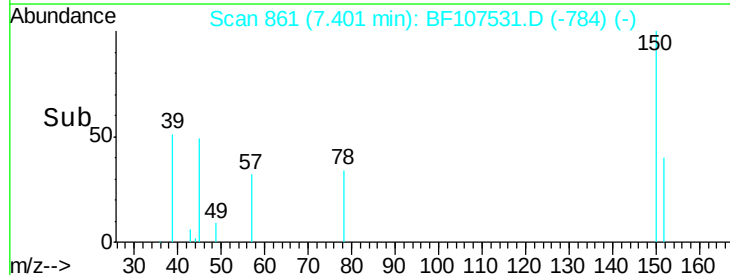
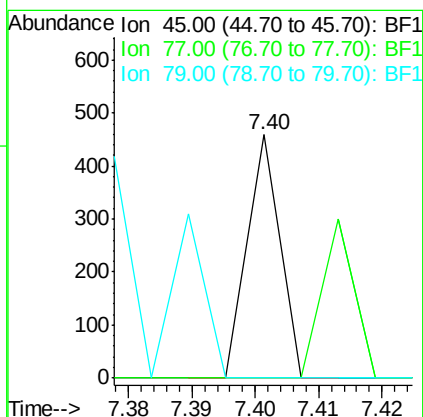
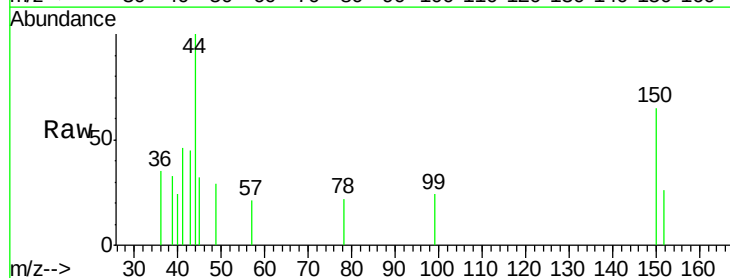
Instrument :
BNA_F
ClientSampleId :
PB111220BL

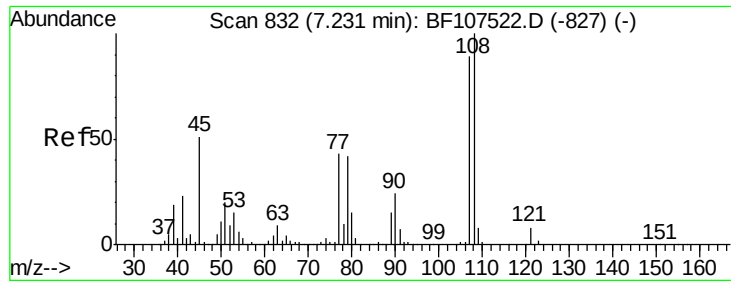
Tgt Ion: 79 Resp: 24313
Ion Ratio Lower Upper
79 100
108 33.8 65.1 97.7#
77 102.9 50.6 75.8#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.004 ng
RT: 7.40 min Scan# 861
Delta R.T. 0.15 min
Lab File: BF107531.D
Acq: 20 Jul 2018 18:45

Tgt Ion: 45 Resp: 162
Ion Ratio Lower Upper
45 100
77 0.0 0.0 32.9
79 0.0 0.0 29.6

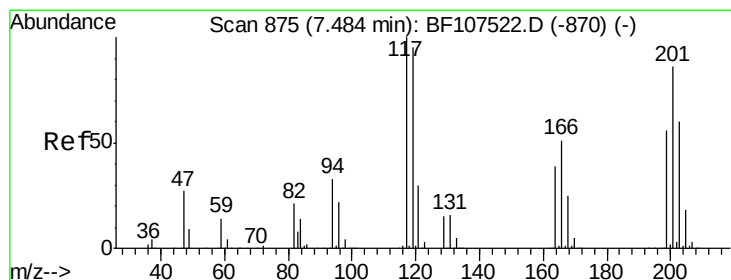
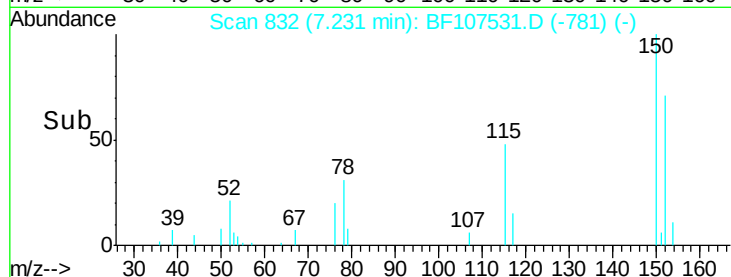
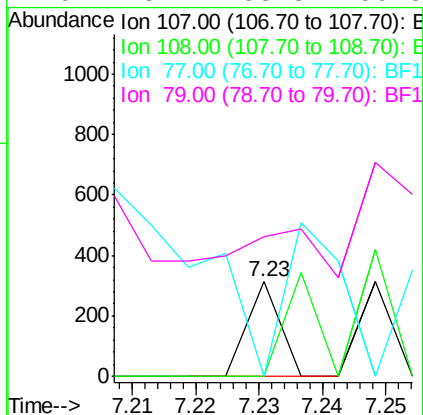
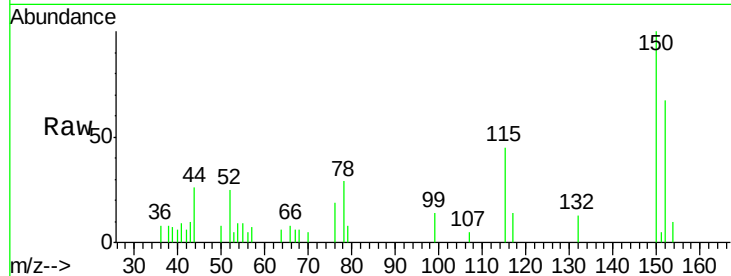




#17
2-Methylphenol
Concen: 0.006 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF107531.D
Acq: 20 Jul 2018 18:45

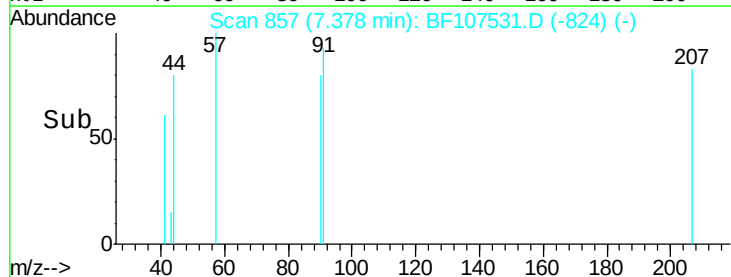
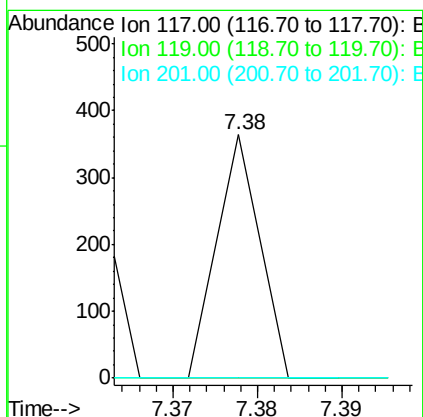
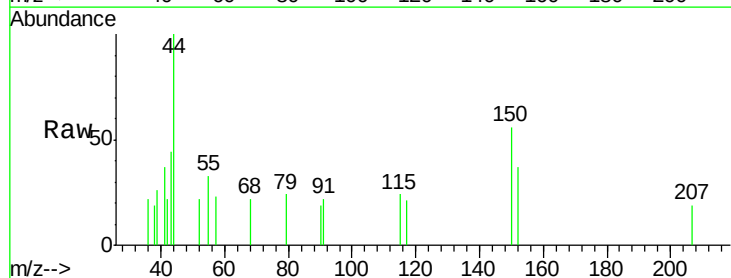
Instrument :
BNA_F
ClientSampleId :
PB111220BL

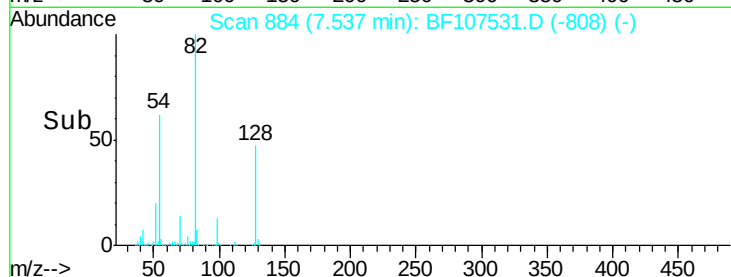
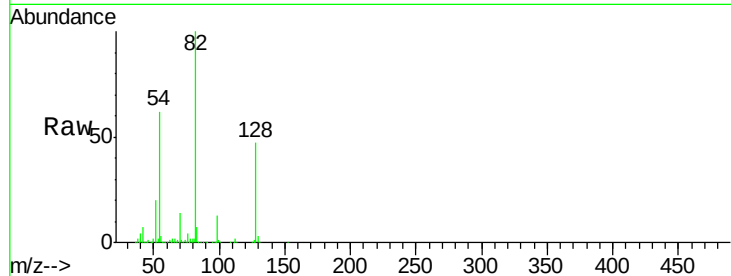
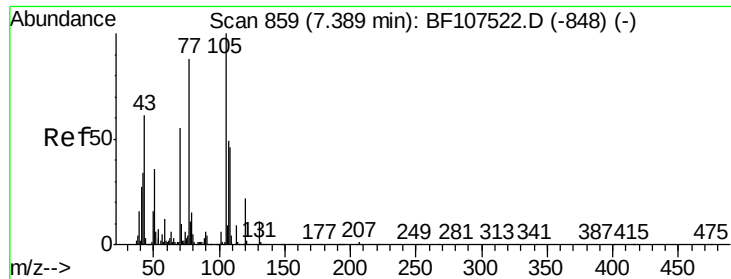
Tgt Ion:107 Resp: 110
Ion Ratio Lower Upper
107 100
108 0.0 91.7 137.5#
77 0.0 33.8 50.8#
79 148.1 33.8 50.8#



#18
Hexachloroethane
Concen: 0.015 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.11 min
Lab File: BF107531.D
Acq: 20 Jul 2018 18:45

Tgt Ion:117 Resp: 128
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.8#
201 0.0 75.7 113.5#

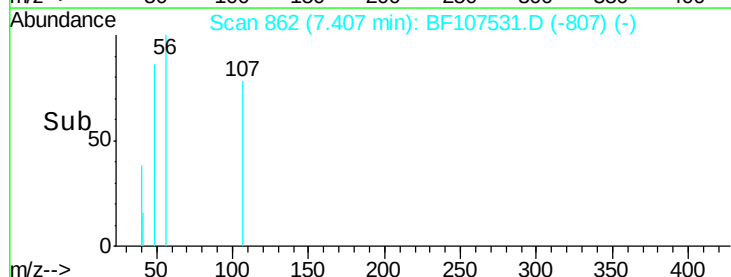
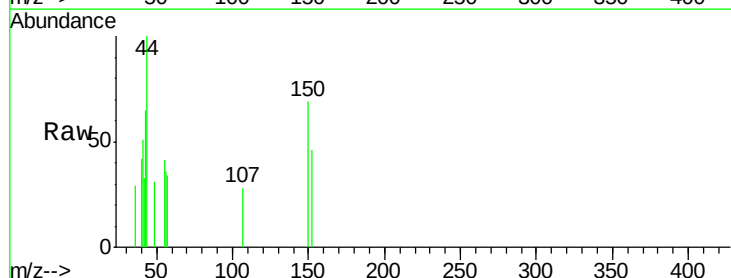
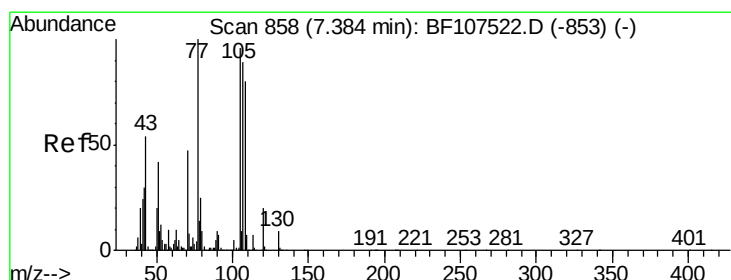
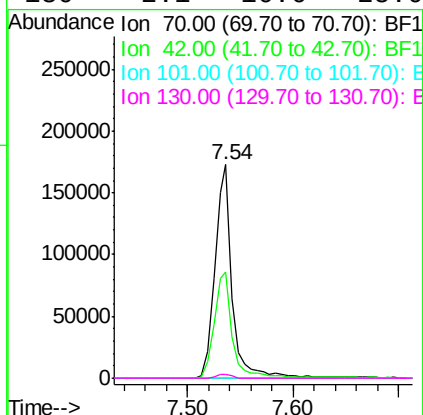




#19
n-Nitroso-di-n-propylamine
Concen: 13.268 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.15 min
Lab File: BF107531.D
Acq: 20 Jul 2018 18:45

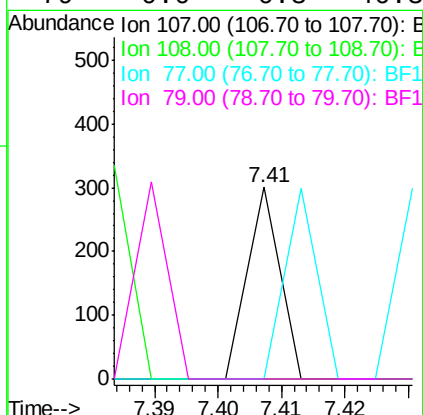
Instrument :
BNA_F
ClientSampleId :
PB111220BL

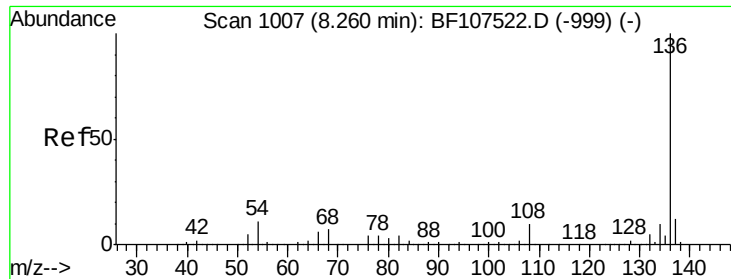
Tgt Ion: 70 Resp: 199874
Ion Ratio Lower Upper
70 100
42 49.6 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#20
3+4-Methylphenols
Concen: 0.005 ng
RT: 7.41 min Scan# 862
Delta R.T. 0.02 min
Lab File: BF107531.D
Acq: 20 Jul 2018 18:45

Tgt Ion: 107 Resp: 106
Ion Ratio Lower Upper
107 100
108 0.0 68.2 108.2#
77 0.0 26.7 66.7#
79 0.0 6.3 46.3#

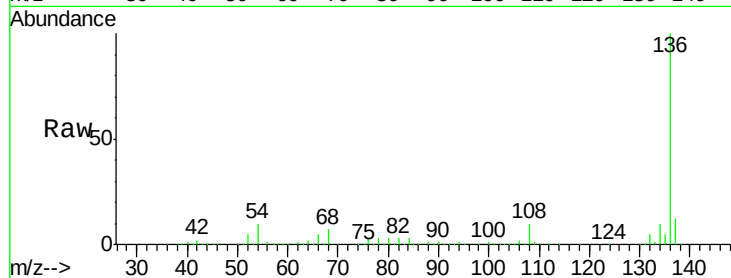




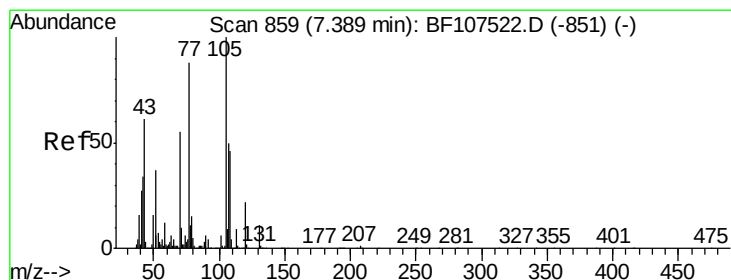
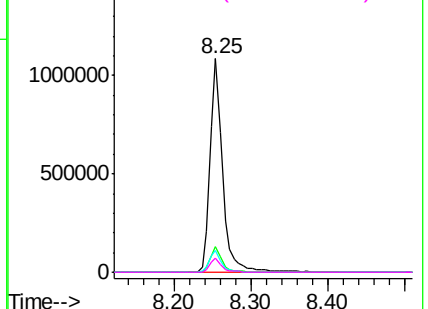
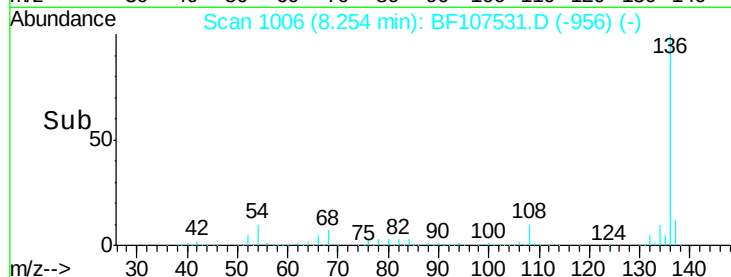
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF107531.D
Acq: 20 Jul 2018 18:45

Instrument :
BNA_F
ClientSampleId :
PB111220BL

Tgt Ion:136 Resp: 1215662
Ion Ratio Lower Upper
136 100
137 11.8 8.9 13.3
54 10.3 6.6 9.8#
68 6.7 5.0 7.4

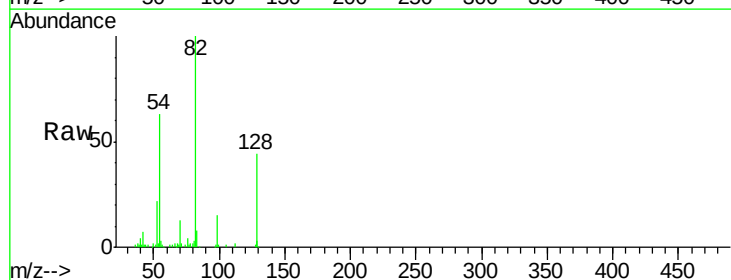


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

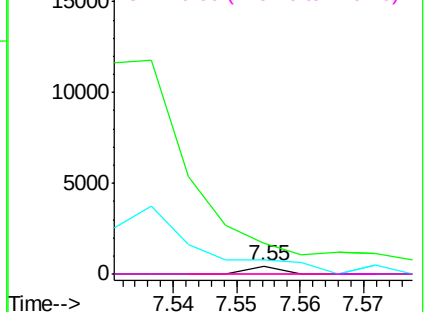
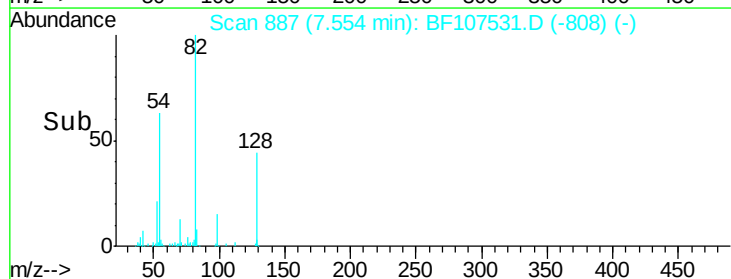


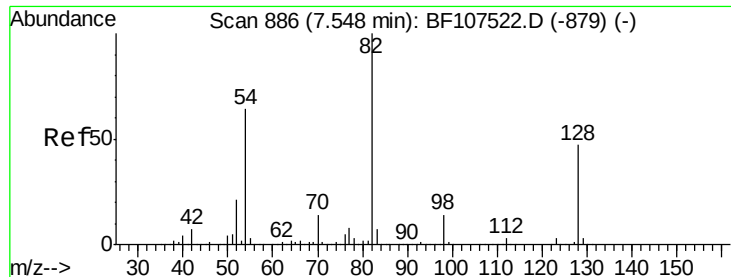
#22
Acetophenone
Concen: 0.006 ng
RT: 7.55 min Scan# 887
Delta R.T. 0.16 min
Lab File: BF107531.D
Acq: 20 Jul 2018 18:45

Tgt Ion:105 Resp: 162
Ion Ratio Lower Upper
105 100
71 374.3 4.4 6.6#
51 175.0 22.3 33.5#
120 0.0 16.9 25.3#



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: 82.535 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF107531.D

Acq: 20 Jul 2018 18:45

Instrument :

BNA_F

ClientSampleId :

PB111220BL

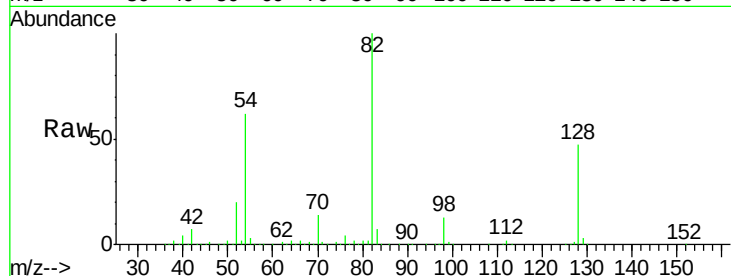
Tgt Ion: 82 Resp: 1486709

Ion Ratio Lower Upper

82 100

128 46.8 36.1 54.1

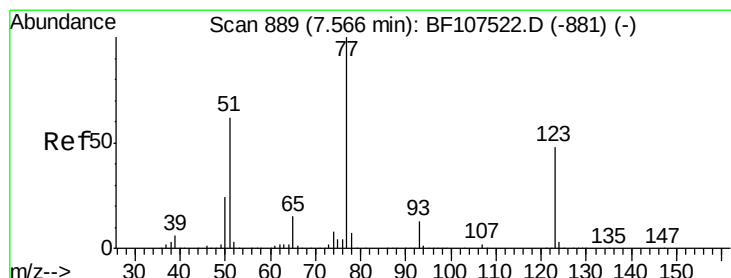
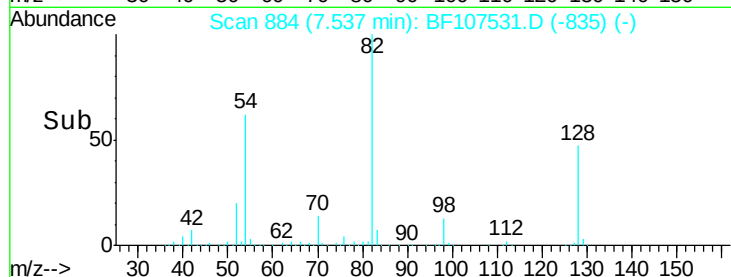
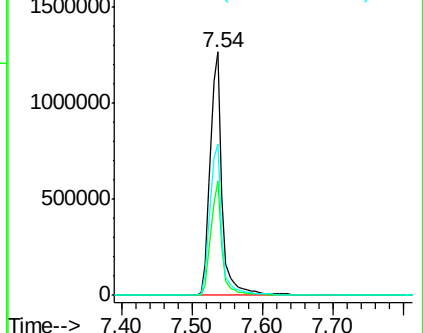
54 62.4 41.4 62.2#



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: 0.244 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.03 min

Lab File: BF107531.D

Acq: 20 Jul 2018 18:45

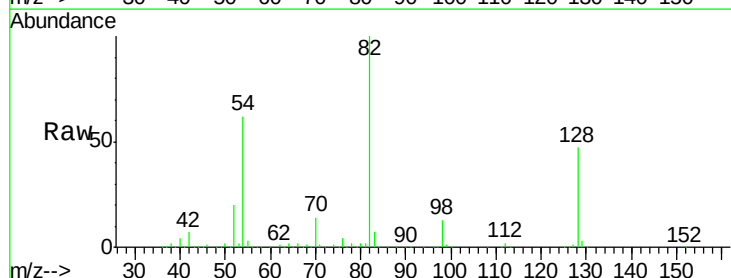
Tgt Ion: 77 Resp: 5024

Ion Ratio Lower Upper

77 100

123 0.0 37.9 56.9#

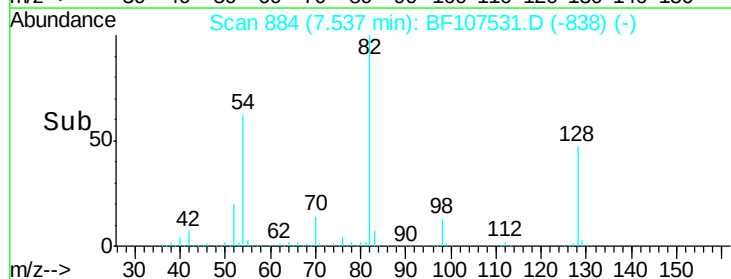
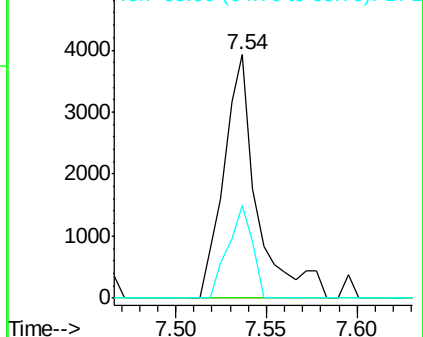
65 37.8 11.0 16.4#

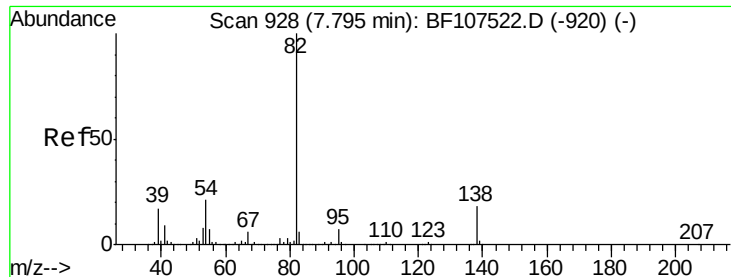


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.655 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF107531.D

Acq: 20 Jul 2018 18:45

Instrument :

BNA_F

ClientSampleId :

PB111220BL

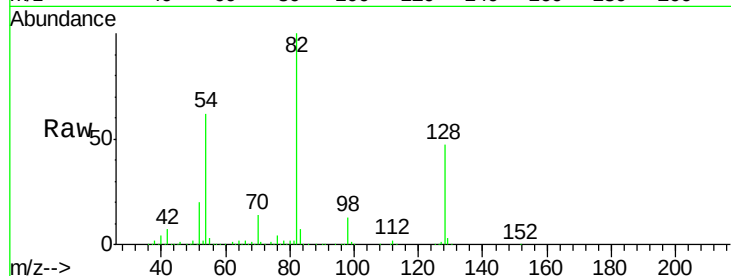
Tgt Ion: 82 Resp: 1486699

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

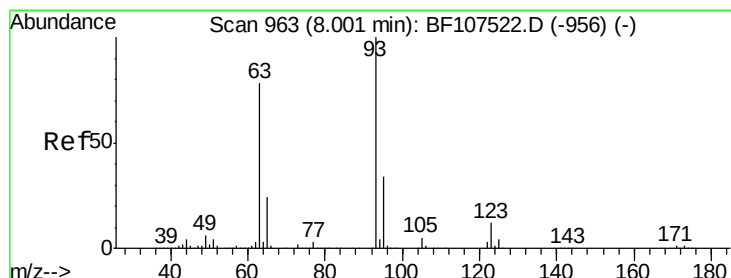
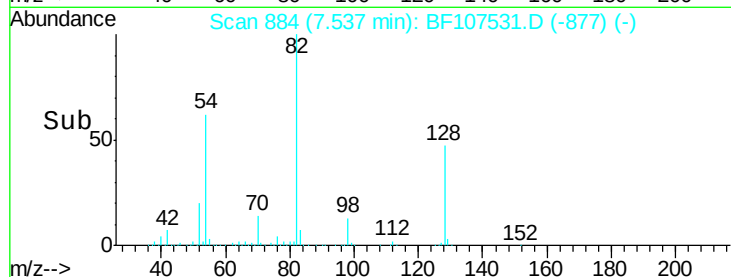
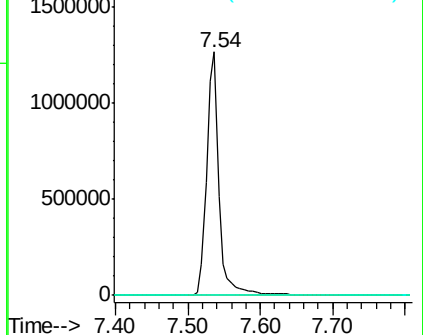
138 0.0 14.9 22.3#



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



#28

bis(2-Chloroethoxy)methane

Concen: 0.015 ng

RT: 8.25 min Scan# 1006

Delta R.T. 0.25 min

Lab File: BF107531.D

Acq: 20 Jul 2018 18:45

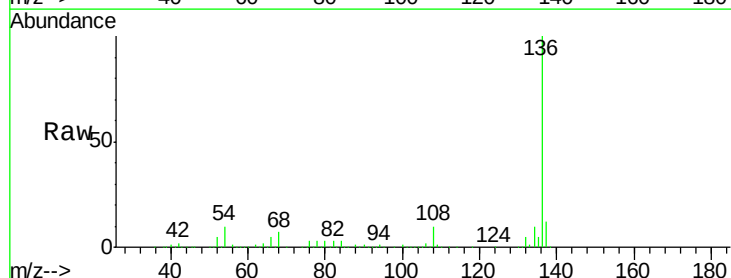
Tgt Ion: 93 Resp: 394

Ion Ratio Lower Upper

93 100

95 122.0 26.3 39.5#

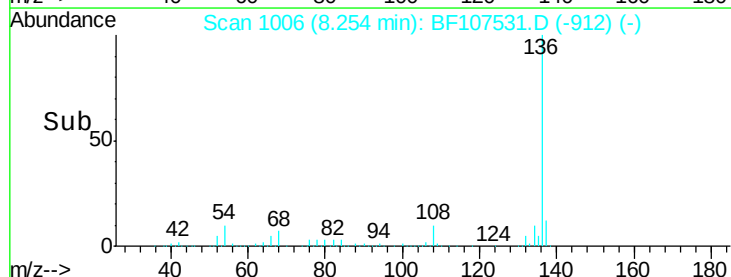
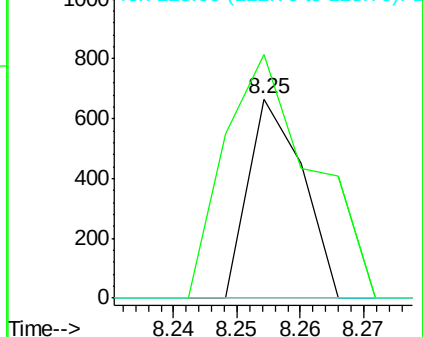
123 0.0 9.8 14.6#

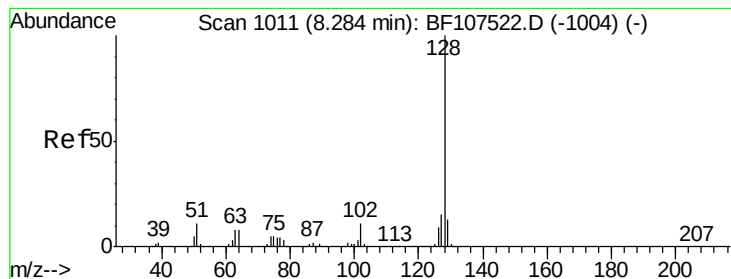


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): BF1





#31

Naphthalene

Concen: 0.004 ng

RT: 8.28 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF107531.D

Acq: 20 Jul 2018 18:45

Instrument :

BNA_F

ClientSampleId :

PB111220BL

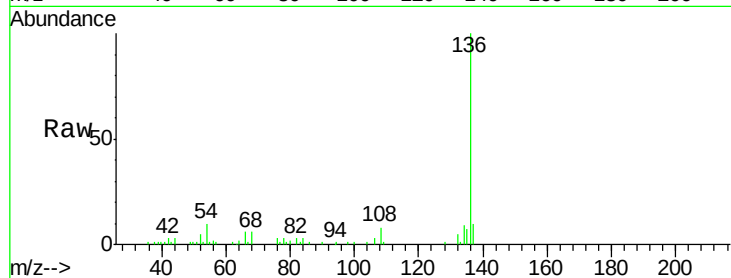
Tgt Ion:128 Resp: 238

Ion Ratio Lower Upper

128 100

129 0.0 8.8 13.2#

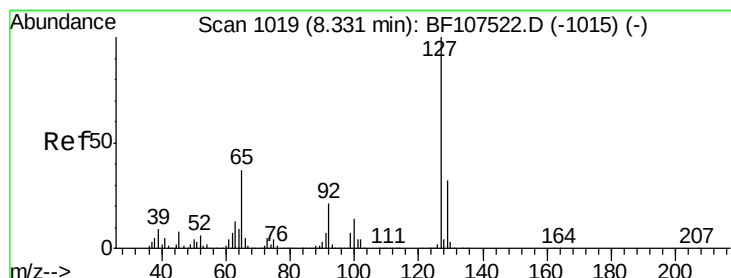
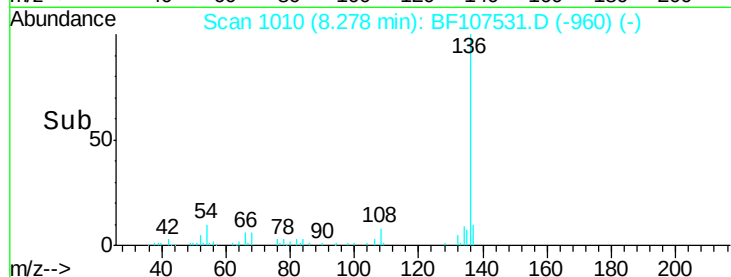
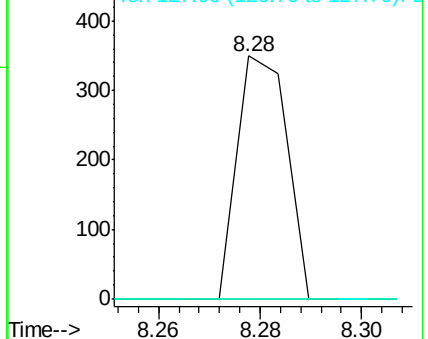
127 0.0 10.9 16.3#



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



#33

4-Chloroaniline

Concen: 0.005 ng

RT: 8.37 min Scan# 1026

Delta R.T. 0.04 min

Lab File: BF107531.D

Acq: 20 Jul 2018 18:45

Tgt Ion:127 Resp: 110

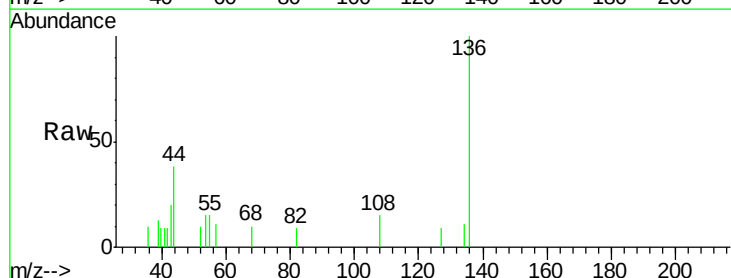
Ion Ratio Lower Upper

127 100

129 0.0 25.9 38.9#

65 0.0 25.0 37.4#

92 0.0 15.2 22.8#

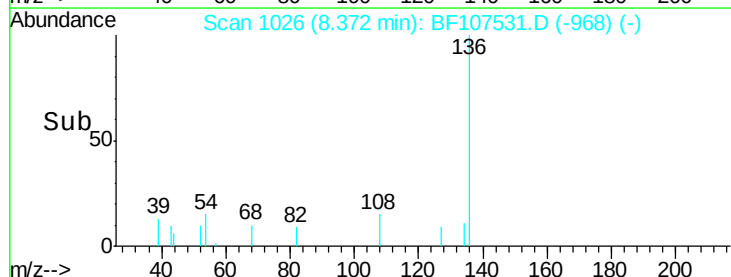
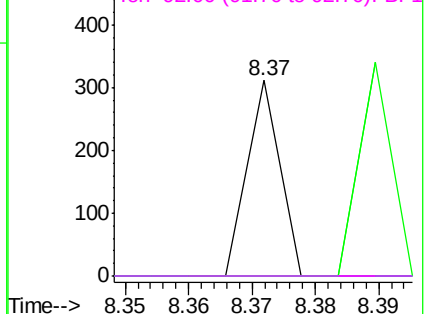


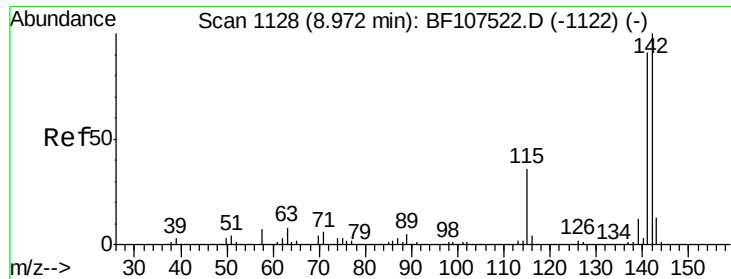
Abundance Ion 127.00 (126.70 to 127.70): E

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

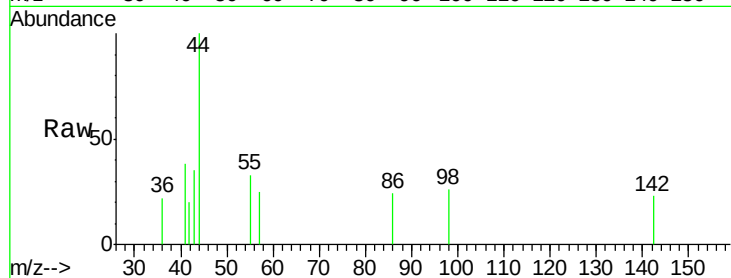




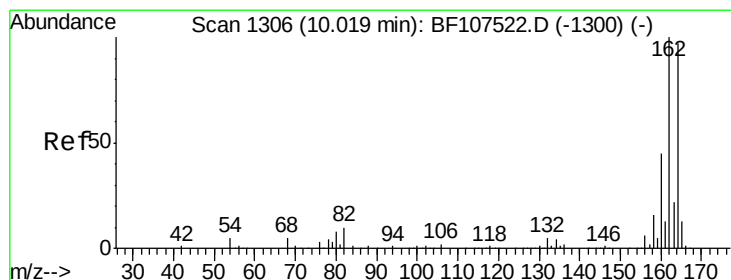
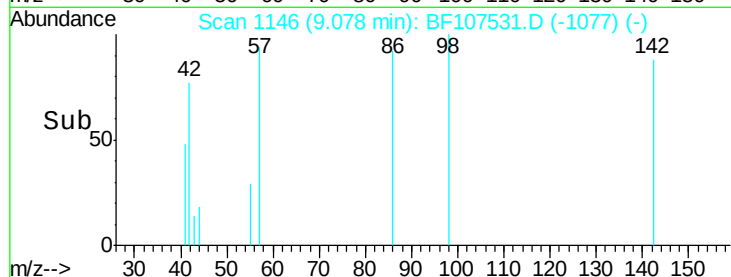
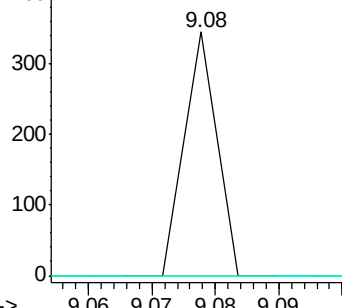
#37
2-Methylnaphthalene
Concen: 0.003 ng
RT: 9.08 min Scan# 1146
Delta R.T. 0.11 min
Lab File: BF107531.D
Acq: 20 Jul 2018 18:45

Instrument :
BNA_F
ClientSampleId :
PB111220BL

Tgt Ion:142 Resp: 122
Ion Ratio Lower Upper
142 100
141 0.0 70.8 106.2#
115 0.0 26.1 39.1#

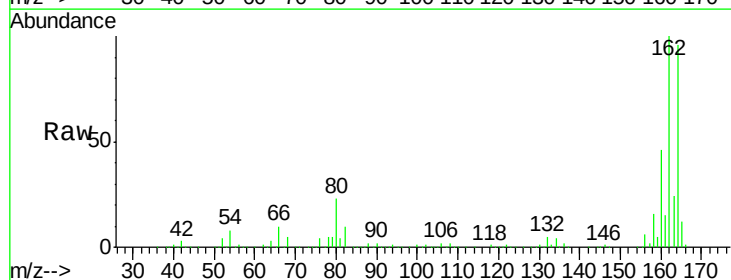


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

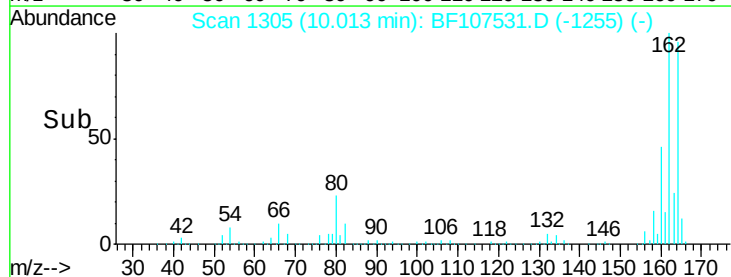
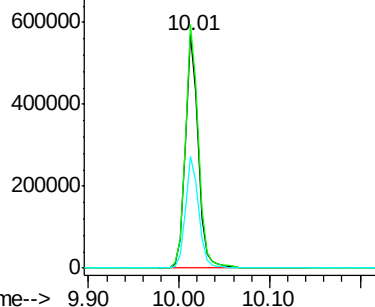


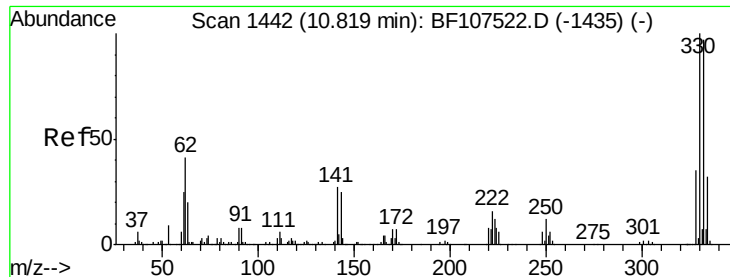
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF107531.D
Acq: 20 Jul 2018 18:45

Tgt Ion:164 Resp: 562102
Ion Ratio Lower Upper
164 100
162 104.4 86.1 129.1
160 48.0 38.3 57.5



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

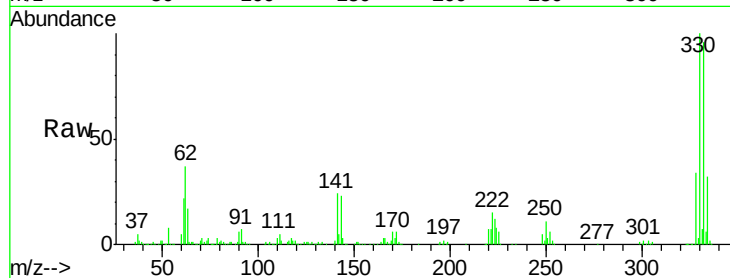




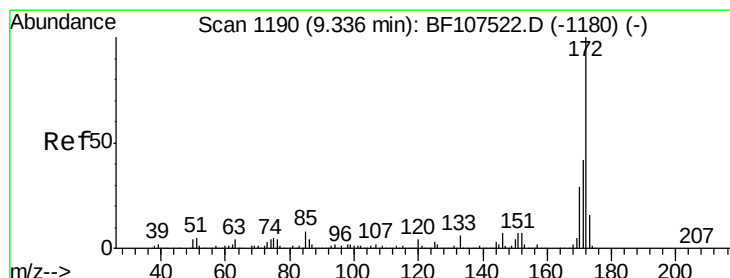
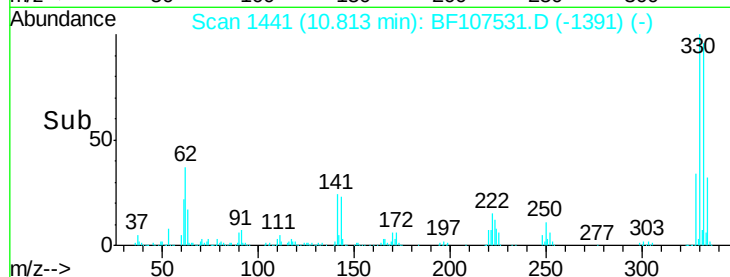
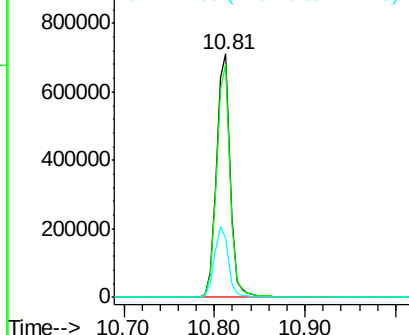
#41
 2,4,6-Tribromophenol
 Concen: 115.638 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF107531.D
 Acq: 20 Jul 2018 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB111220BL

Tgt Ion:330 Resp: 739153
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 30.3 29.9 44.9

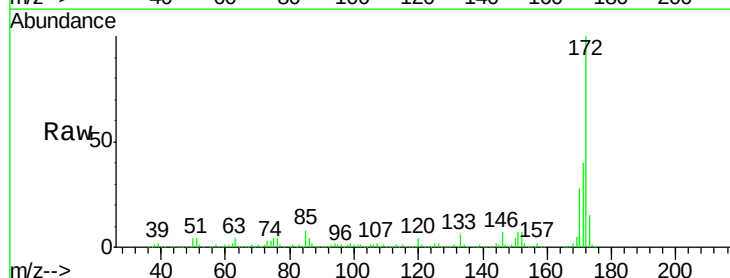


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

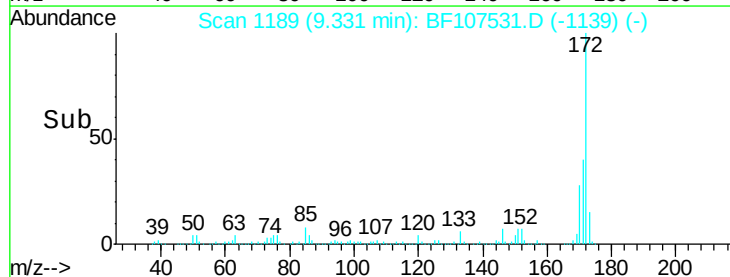
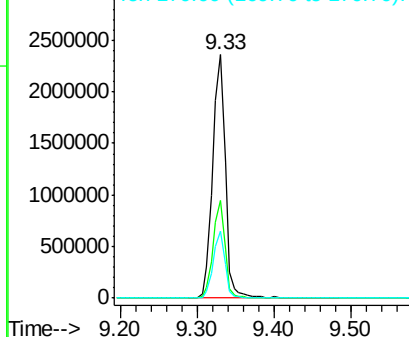


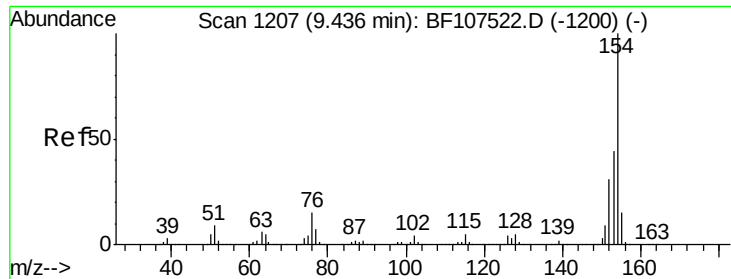
#44
 2-Fluorobiphenyl
 Concen: 79.526 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107531.D
 Acq: 20 Jul 2018 18:45

Tgt Ion:172 Resp: 2656798
 Ion Ratio Lower Upper
 172 100
 171 40.3 29.7 44.5
 170 27.7 19.6 29.4



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

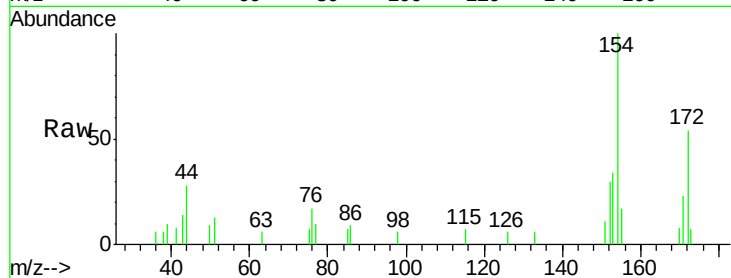




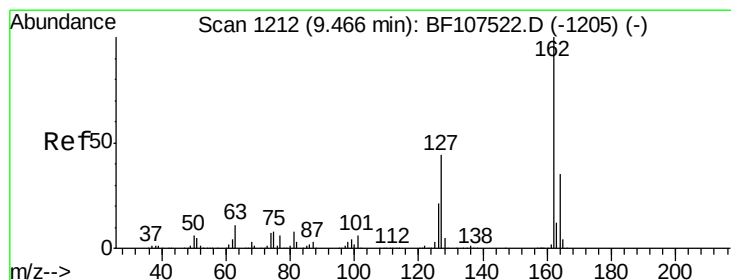
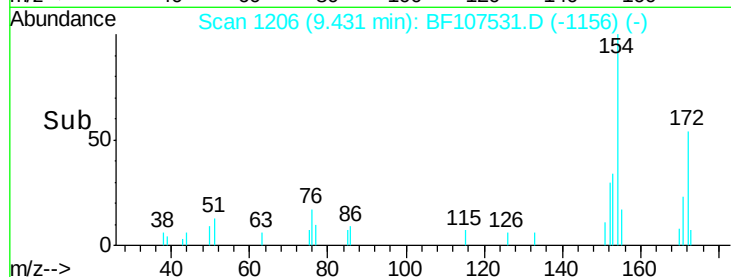
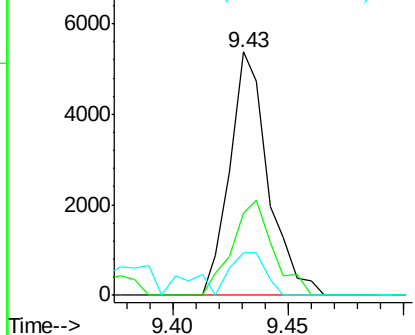
#45
 1,1'-Biphenyl
 Concen: 0.127 ng
 RT: 9.43 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF107531.D
 Acq: 20 Jul 2018 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB111220BL

Tgt Ion:154 Resp: 6238
 Ion Ratio Lower Upper
 154 100
 153 34.1 21.3 61.3
 76 17.3 0.0 34.0

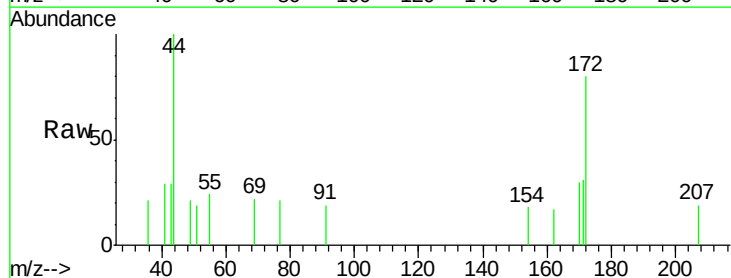


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

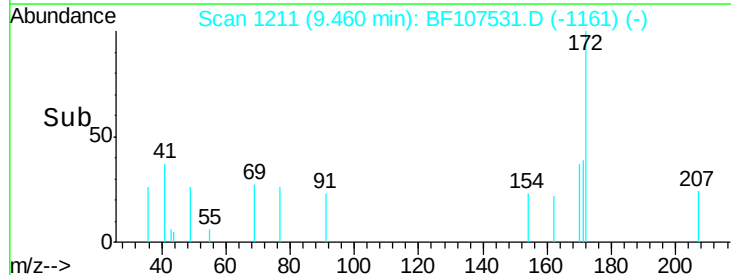
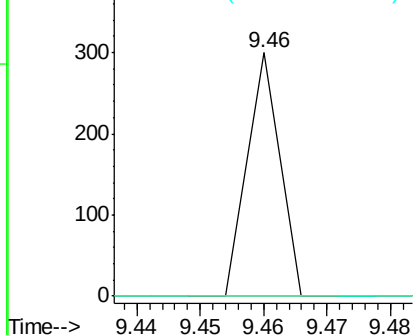


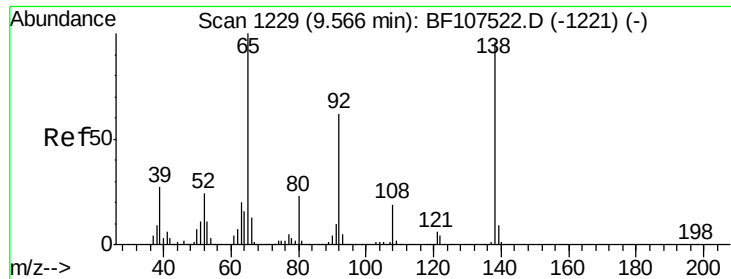
#46
 2-Chloronaphthalene
 Concen: 0.003 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF107531.D
 Acq: 20 Jul 2018 18:45

Tgt Ion:162 Resp: 106
 Ion Ratio Lower Upper
 162 100
 127 0.0 33.9 50.9#
 164 0.0 26.5 39.7#



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

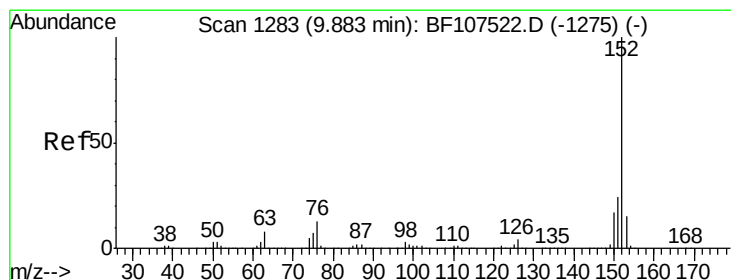
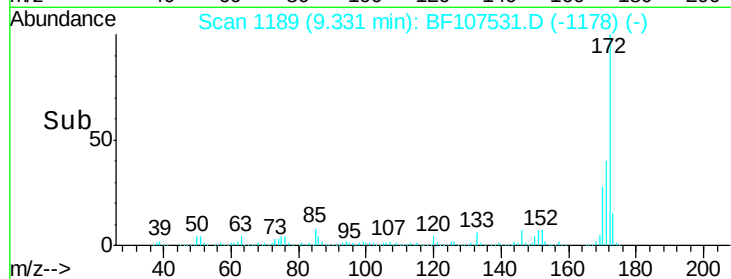
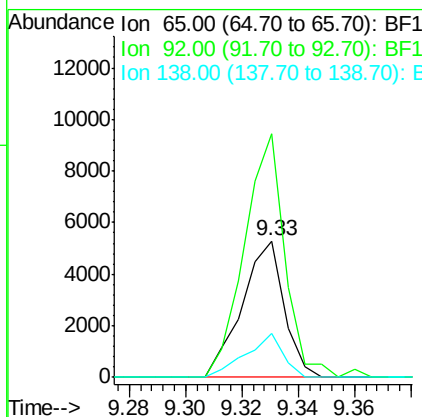
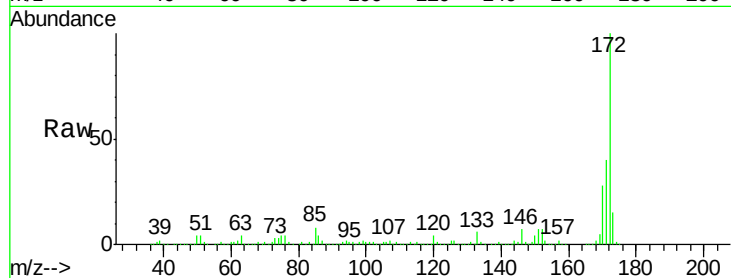




#47
 2-Nitroaniline
 Concen: 0.503 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.24 min
 Lab File: BF107531.D
 Acq: 20 Jul 2018 18:45

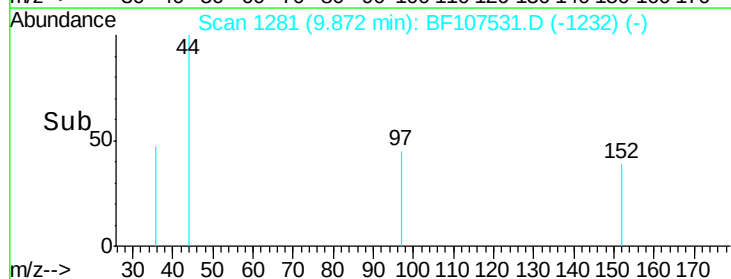
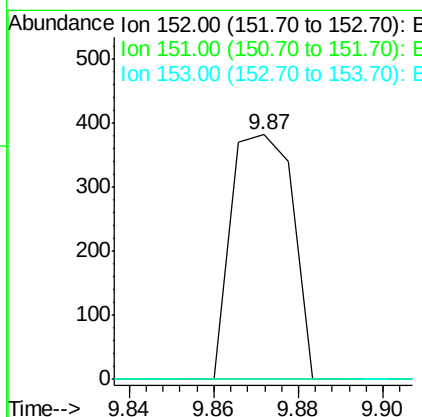
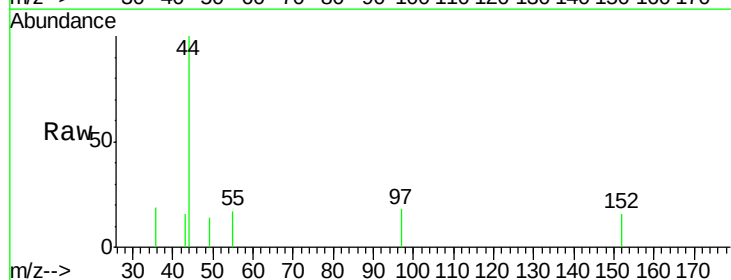
Instrument :
 BNA_F
 ClientSampleId :
 PB111220BL

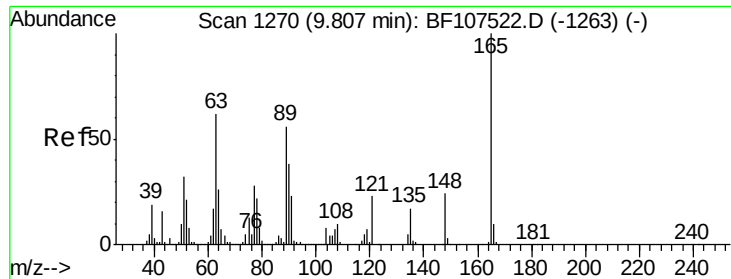
Tgt Ion: 65 Resp: 5486
 Ion Ratio Lower Upper
 65 100
 92 178.8 55.8 83.6#
 138 32.7 91.2 136.8#



#48
 Acenaphthylene
 Concen: 0.007 ng
 RT: 9.87 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BF107531.D
 Acq: 20 Jul 2018 18:45

Tgt Ion: 152 Resp: 385
 Ion Ratio Lower Upper
 152 100
 151 0.0 16.3 24.5#
 153 0.0 10.7 16.1#

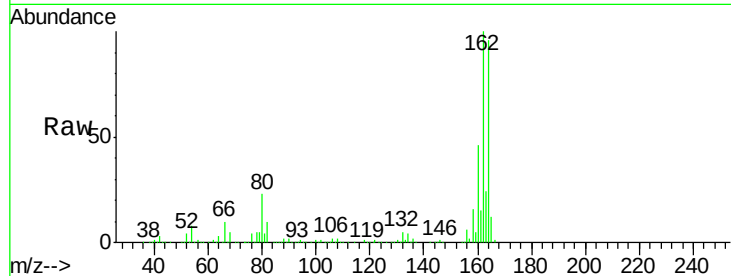




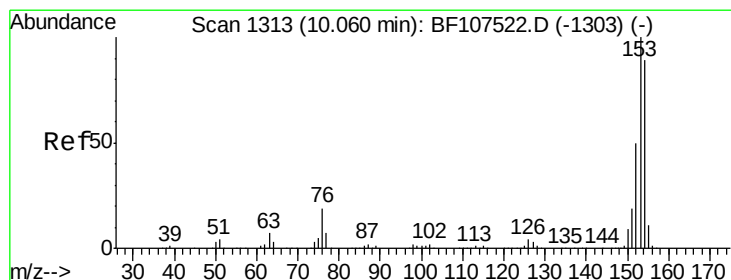
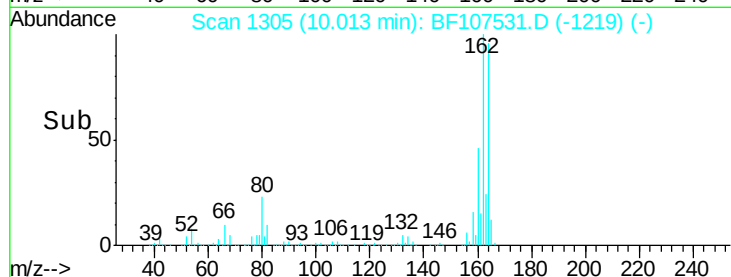
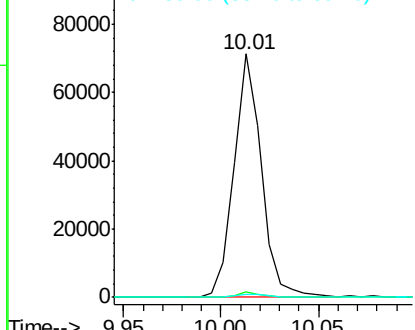
#50
2,6-Dinitrotoluene
Concen: 8.243 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.21 min
Lab File: BF107531.D
Acq: 20 Jul 2018 18:45

Instrument :
BNA_F
ClientSampleId :
PB111220BL

Tgt Ion:165 Resp: 69333
Ion Ratio Lower Upper
165 100
63 2.5 44.7 67.1#
89 1.3 44.0 66.0#

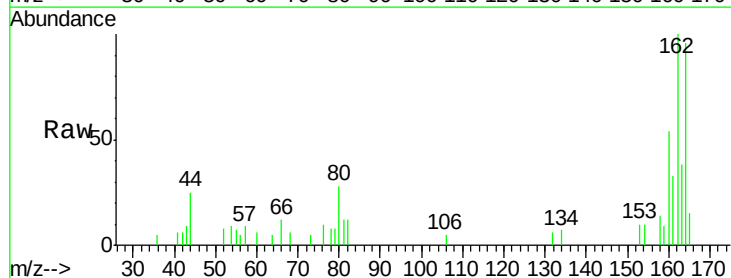


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

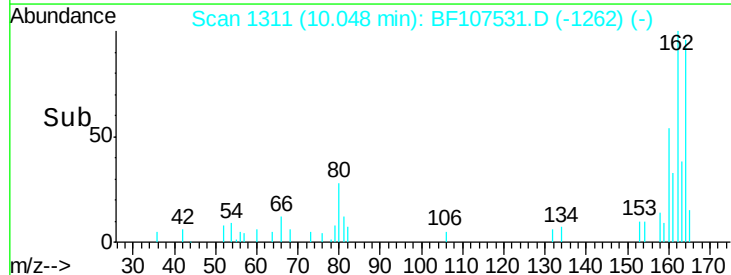
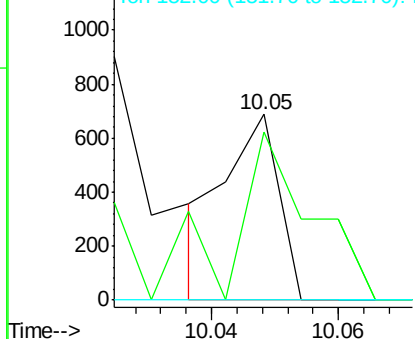


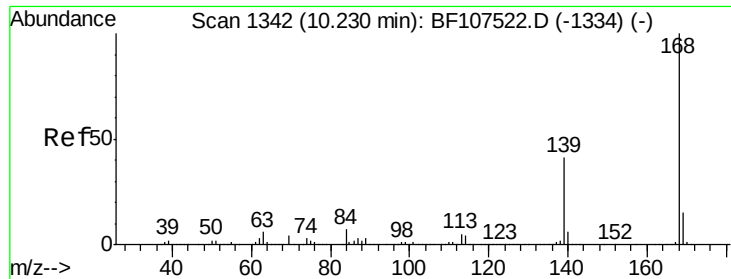
#51
Acenaphthene
Concen: 0.011 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF107531.D
Acq: 20 Jul 2018 18:45

Tgt Ion:154 Resp: 397
Ion Ratio Lower Upper
154 100
153 90.7 91.2 136.8#
152 0.0 43.8 65.8#



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

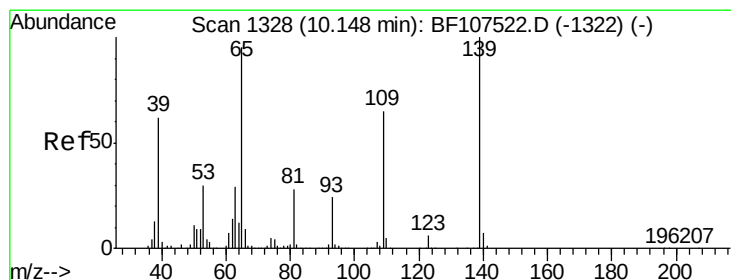
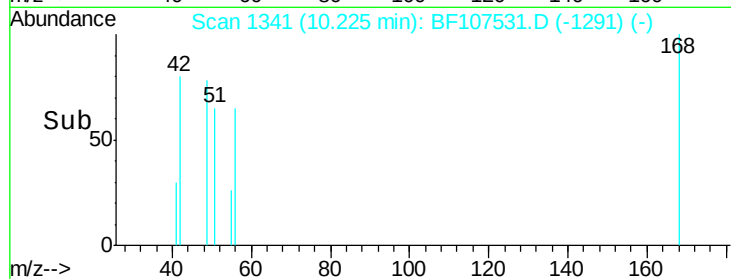
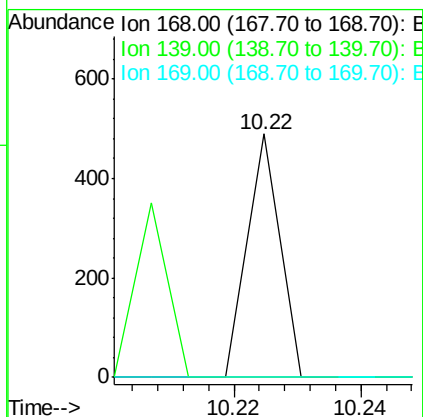
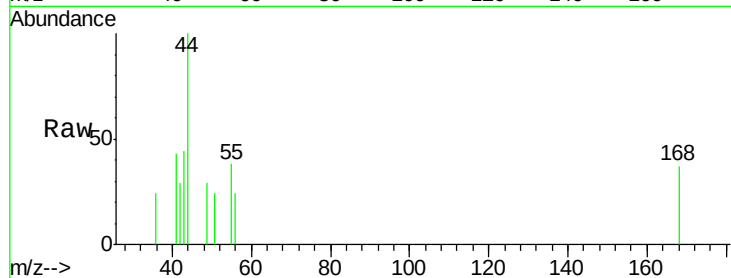




#54
Dibenzofuran
Concen: 0.003 ng
RT: 10.22 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF107531.D
Acq: 20 Jul 2018 18:45

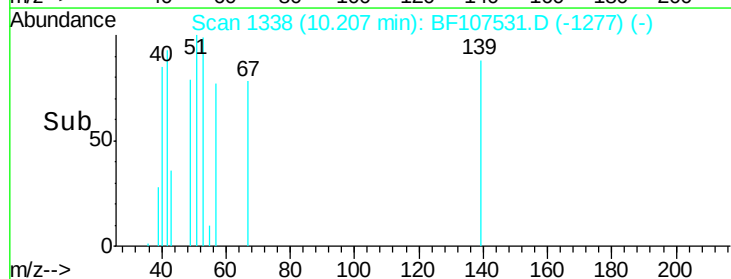
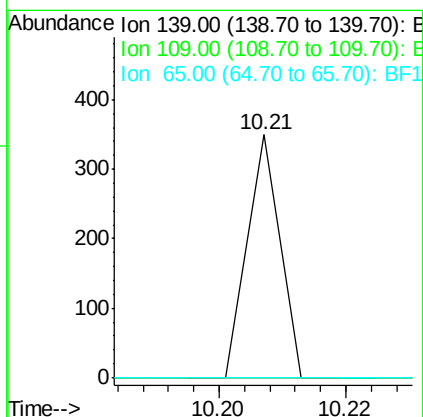
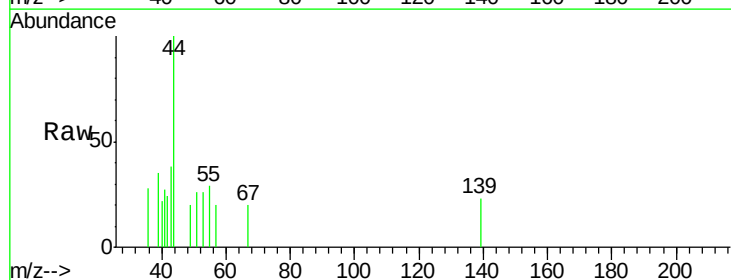
Instrument :
BNA_F
ClientSampleId :
PB111220BL

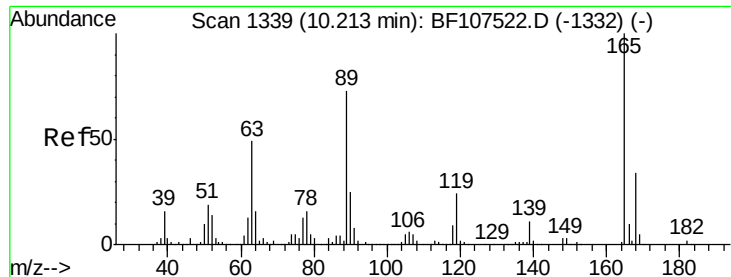
Tgt Ion:168 Resp: 173
Ion Ratio Lower Upper
168 100
139 0.0 30.1 45.1#
169 0.0 10.9 16.3#



#55
4-Nitrophenol
Concen: 0.016 ng
RT: 10.21 min Scan# 1338
Delta R.T. 0.06 min
Lab File: BF107531.D
Acq: 20 Jul 2018 18:45

Tgt Ion:139 Resp: 124
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 0.0 72.6 112.6#





#56

2,4-Dinitrotoluene

Concen: 6.829 ng

RT: 10.01 min Scan# 1305

Delta R.T. -0.20 min

Lab File: BF107531.D

Acq: 20 Jul 2018 18:45

Instrument :

BNA_F

ClientSampleId :

PB111220BL

Tgt Ion:165 Resp: 69333

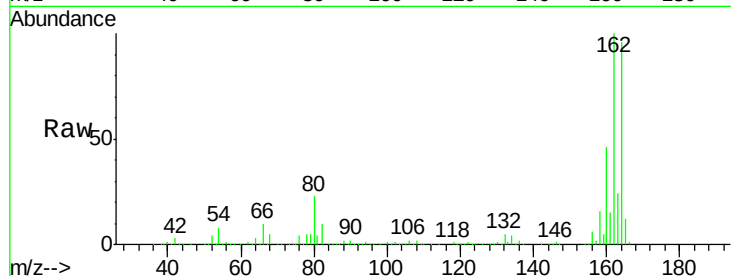
Ion Ratio Lower Upper

165 100

63 2.5 36.4 54.6#

89 1.3 57.8 86.6#

182 0.0 1.6 2.4#



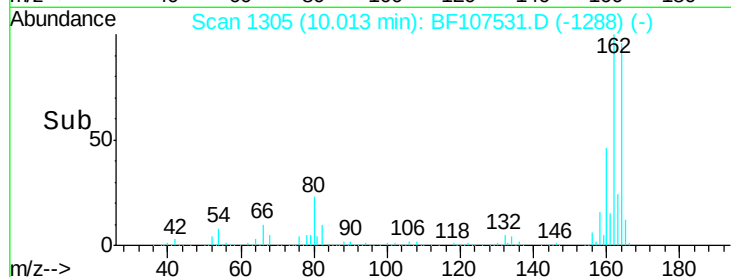
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

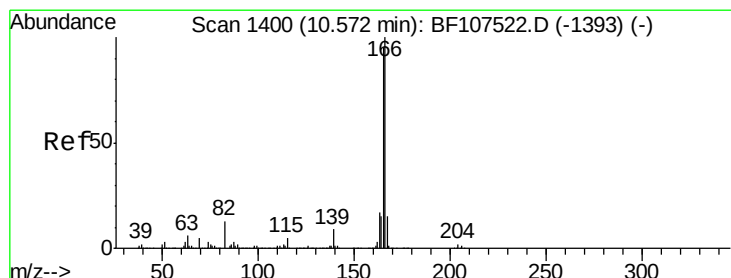
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

Time--> 9.95 10.00 10.05



Time--> 9.95 10.00 10.05



#57

Fluorene

Concen: 0.810 ng

RT: 10.81 min Scan# 1440

Delta R.T. 0.24 min

Lab File: BF107531.D

Acq: 20 Jul 2018 18:45

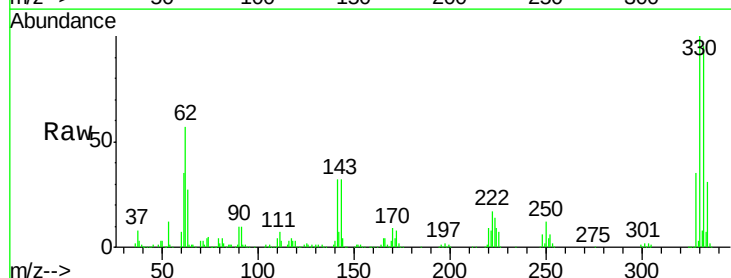
Tgt Ion:166 Resp: 29961

Ion Ratio Lower Upper

166 100

165 96.9 79.8 119.8

167 34.5 10.6 16.0#

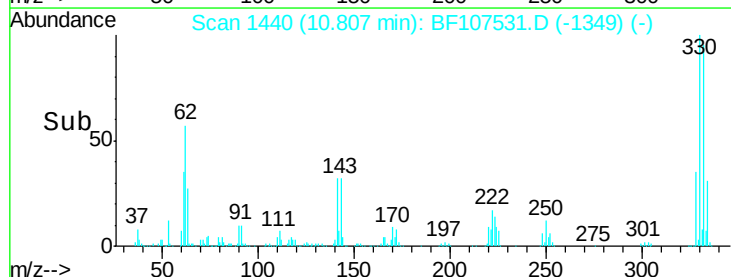


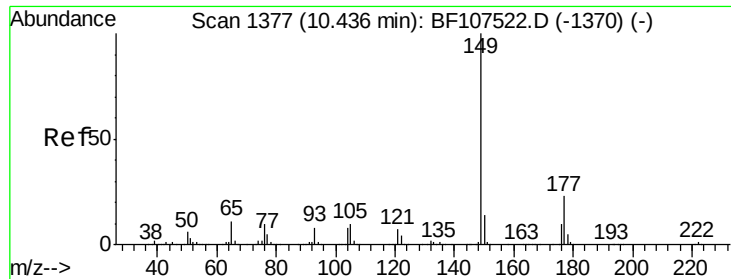
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time--> 10.75 10.80 10.85

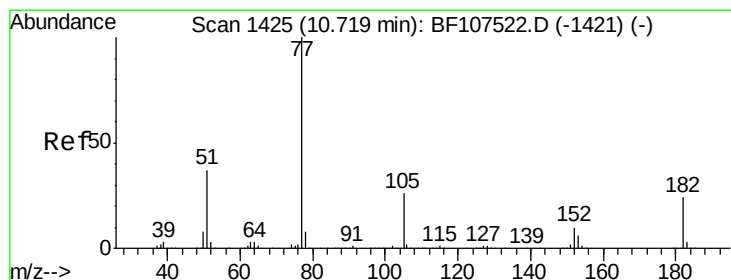
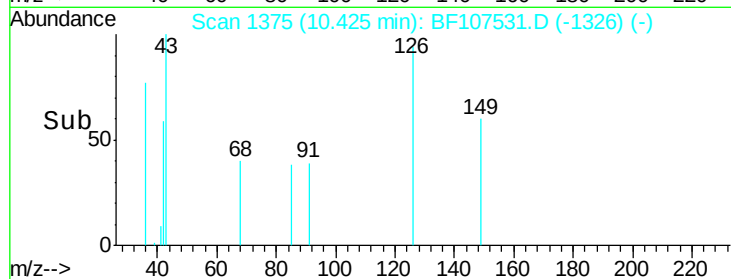
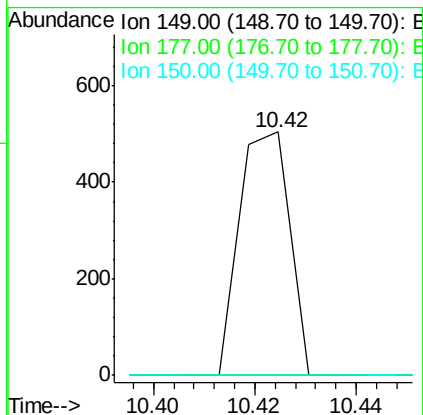
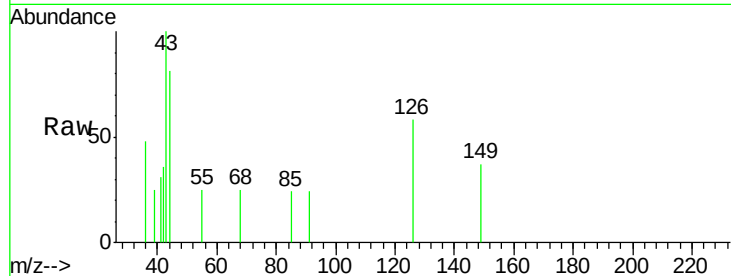




#59
Diethylphthalate
Concen: 0.008 ng
RT: 10.42 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF107531.D
Acq: 20 Jul 2018 18:45

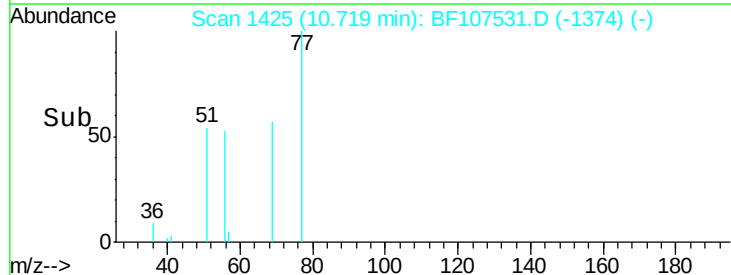
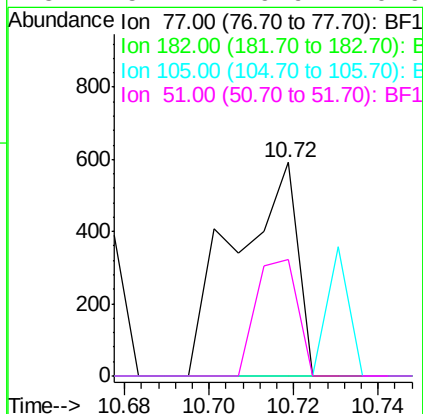
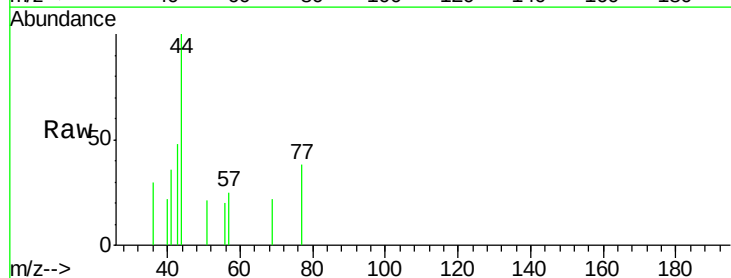
Instrument :
BNA_F
ClientSampleId :
PB111220BL

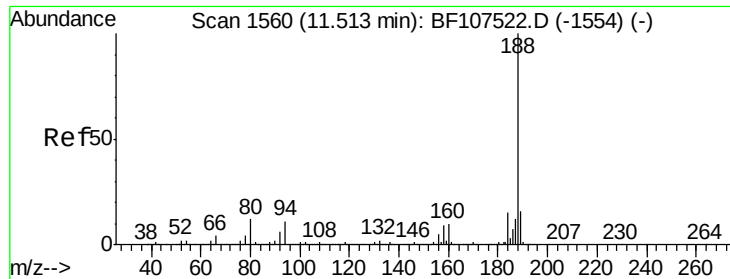
Tgt Ion: 149 Resp: 347
Ion Ratio Lower Upper
149 100
177 0.0 16.1 24.1#
150 0.0 10.1 15.1#



#62
Azobenzene
Concen: 0.015 ng
RT: 10.72 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF107531.D
Acq: 20 Jul 2018 18:45

Tgt Ion: 77 Resp: 615
Ion Ratio Lower Upper
77 100
182 0.0 1.7 41.7#
105 0.0 3.0 43.0#
51 54.2 9.9 49.9#

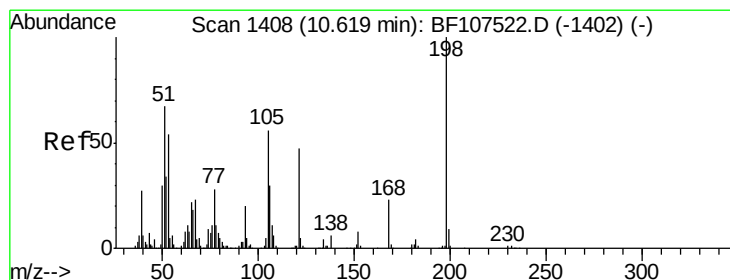
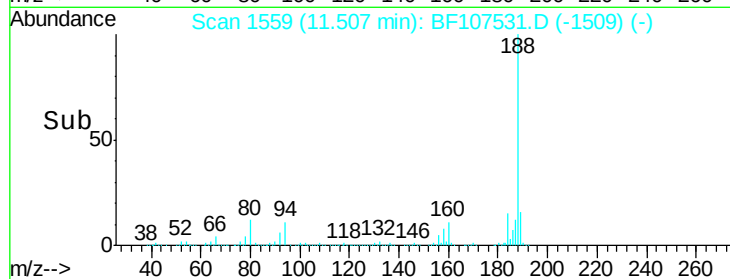
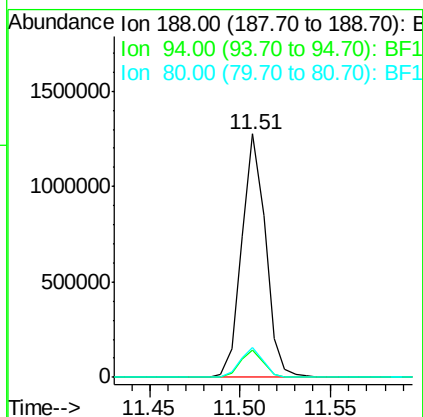
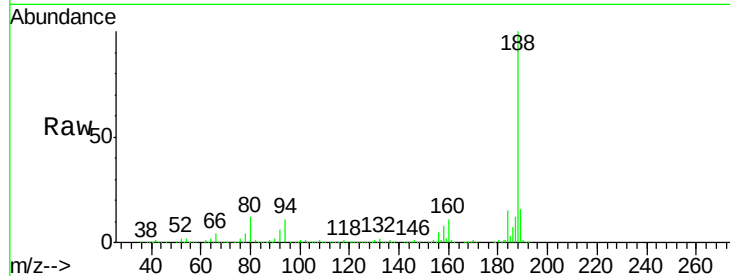




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF107531.D
 Acq: 20 Jul 2018 18:45

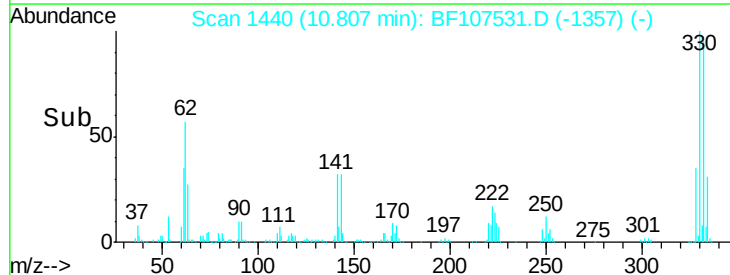
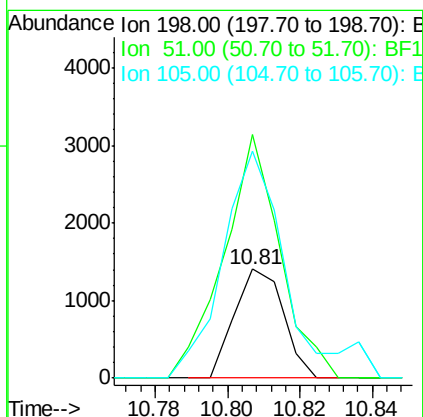
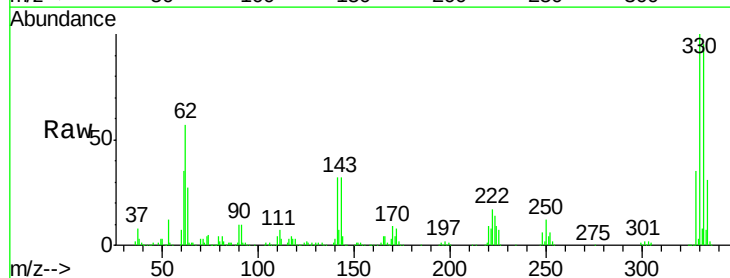
Instrument :
 BNA_F
 ClientSampleId :
 PB111220BL

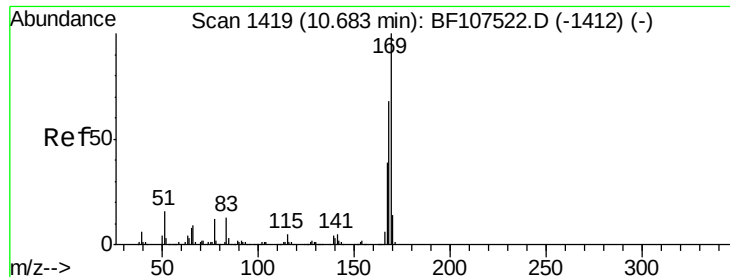
Tgt Ion:188 Resp: 1169773
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.5 12.7
 80 12.0 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.871 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.19 min
 Lab File: BF107531.D
 Acq: 20 Jul 2018 18:45

Tgt Ion:198 Resp: 1312
 Ion Ratio Lower Upper
 198 100
 51 224.1 37.7 77.7#
 105 208.9 36.3 76.3#

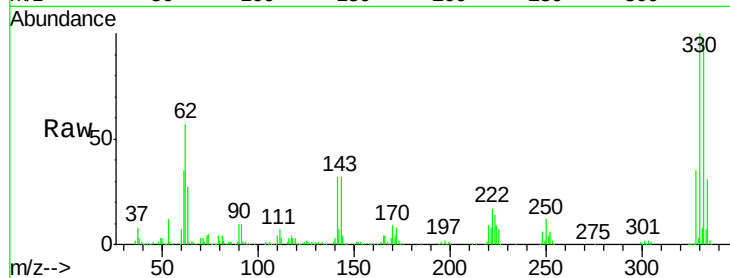




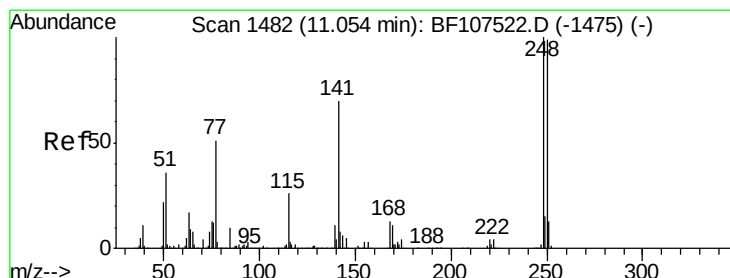
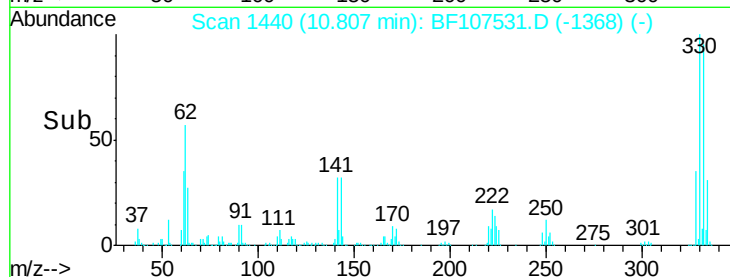
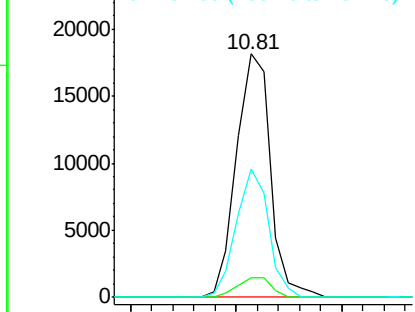
#65
 n-Nitrosodiphenylamine
 Concen: 0.510 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.12 min
 Lab File: BF107531.D
 Acq: 20 Jul 2018 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB111220BL

Tgt Ion:169 Resp: 20280
 Ion Ratio Lower Upper
 169 100
 168 8.3 54.4 81.6#
 167 52.8 29.8 44.6#

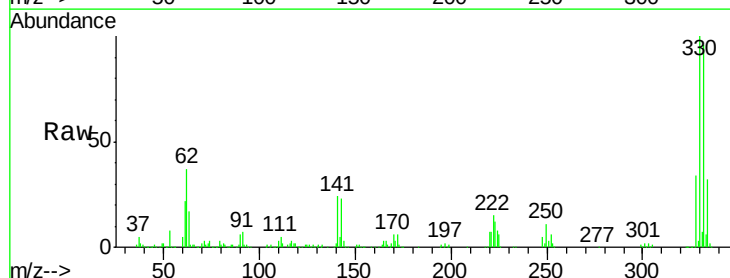


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

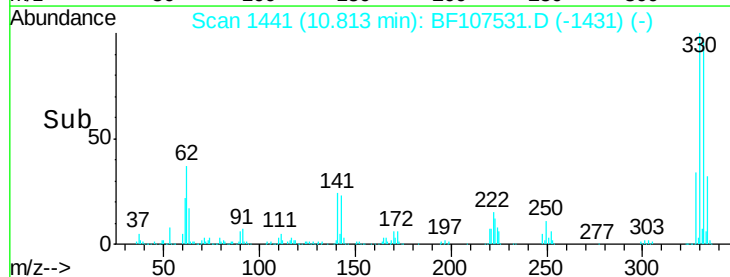
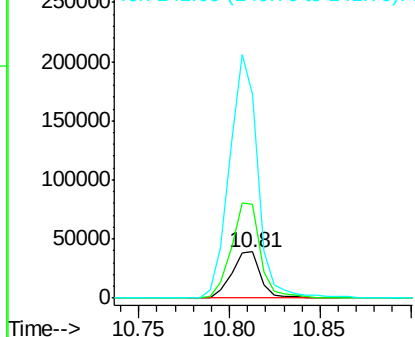


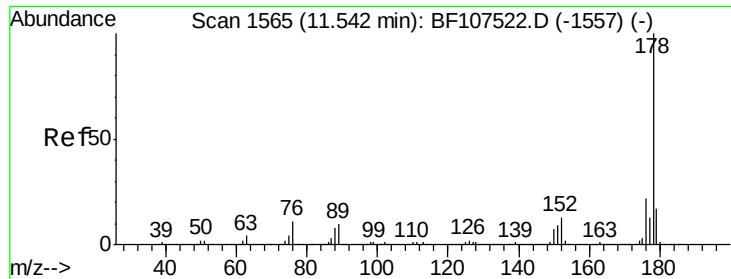
#66
 4-Bromophenyl-phenylether
 Concen: 3.174 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.24 min
 Lab File: BF107531.D
 Acq: 20 Jul 2018 18:45

Tgt Ion:248 Resp: 43711
 Ion Ratio Lower Upper
 248 100
 250 202.8 76.9 115.3#
 141 441.7 74.4 111.6#



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





#70

Phenanthrene

Concen: 0.012 ng

RT: 11.53 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BF107531.D

Acq: 20 Jul 2018 18:45

Instrument :

BNA_F

ClientSampleId :

PB111220BL

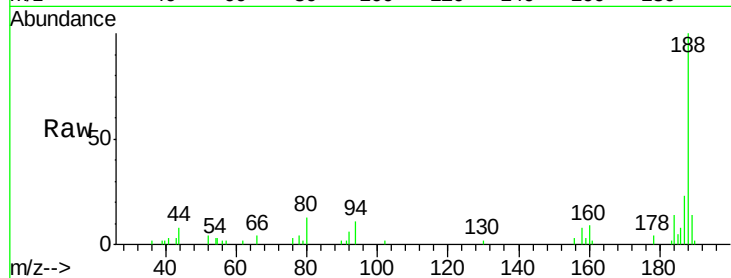
Tgt Ion:178 Resp: 675

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.8#

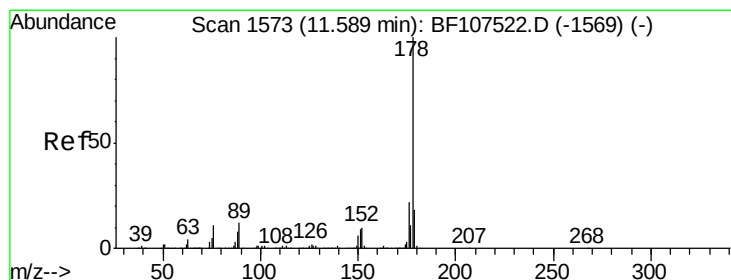
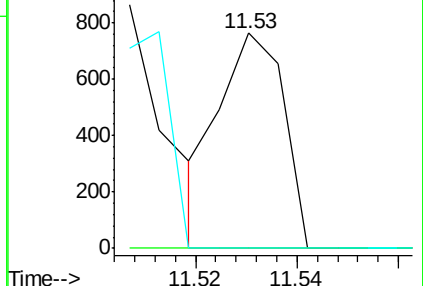
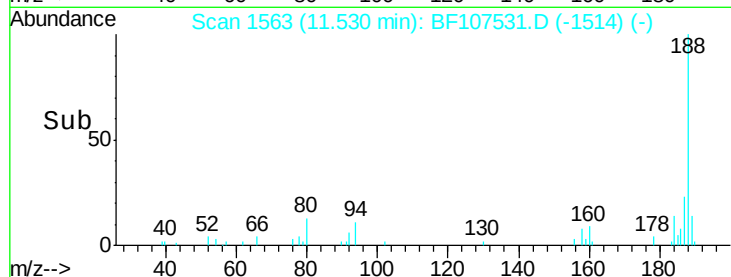
179 0.0 13.0 19.6#



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



#71

Anthracene

Concen: 0.013 ng

RT: 11.58 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF107531.D

Acq: 20 Jul 2018 18:45

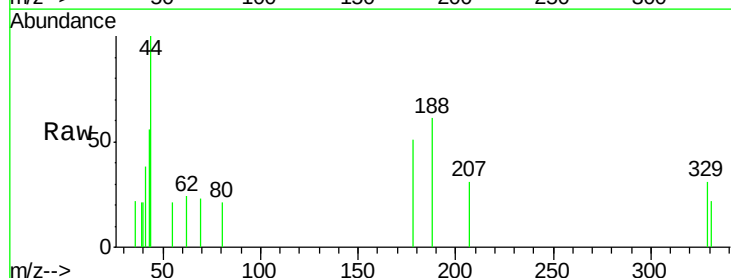
Tgt Ion:178 Resp: 767

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.2#

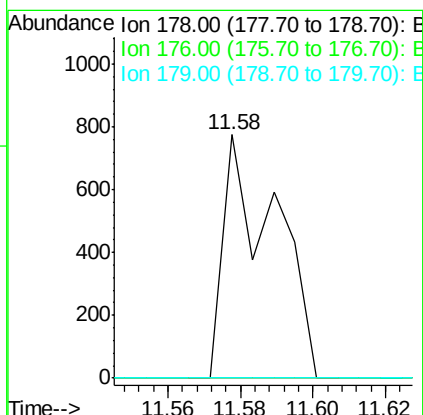
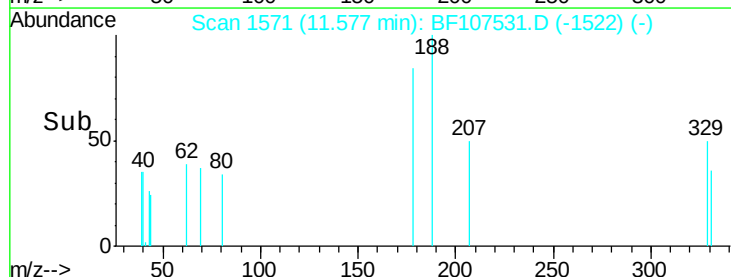
179 0.0 12.6 19.0#

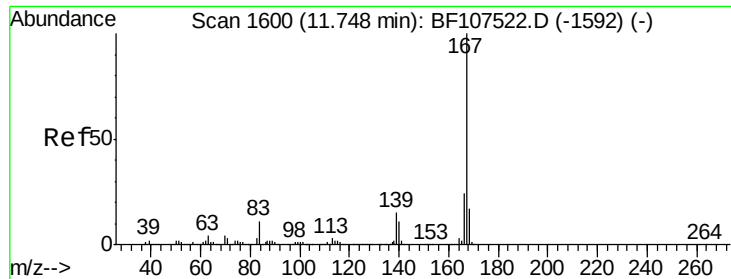


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.031 ng

RT: 11.75 min Scan# 1601

Delta R.T. 0.01 min

Lab File: BF107531.D

Acq: 20 Jul 2018 18:45

Instrument :

BNA_F

ClientSampleId :

PB111220BL

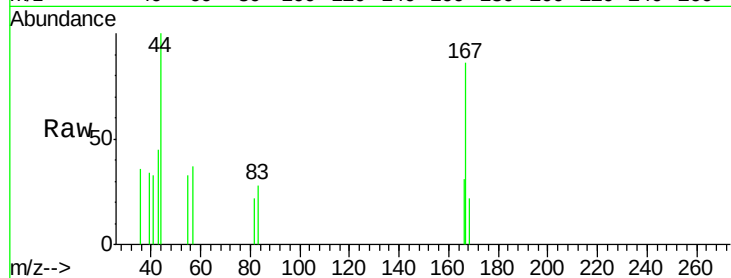
Tgt Ion:167 Resp: 1825

Ion Ratio Lower Upper

167 100

166 35.8 17.6 26.4#

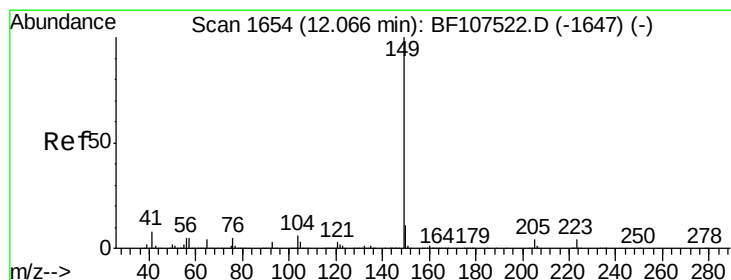
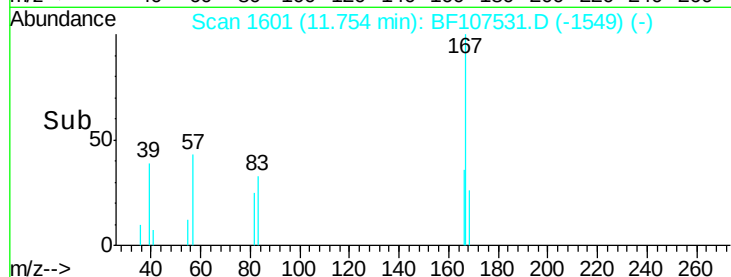
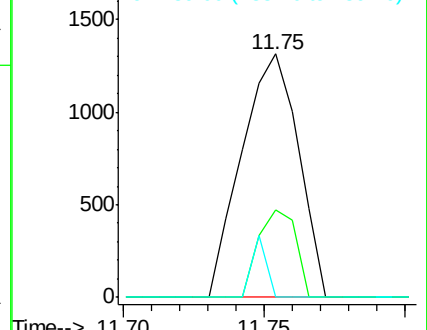
139 0.0 10.9 16.3#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 12.05 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BF107531.D

Acq: 20 Jul 2018 18:45

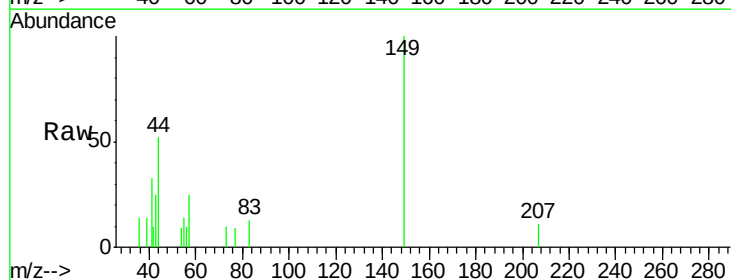
Tgt Ion:149 Resp: 3596

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

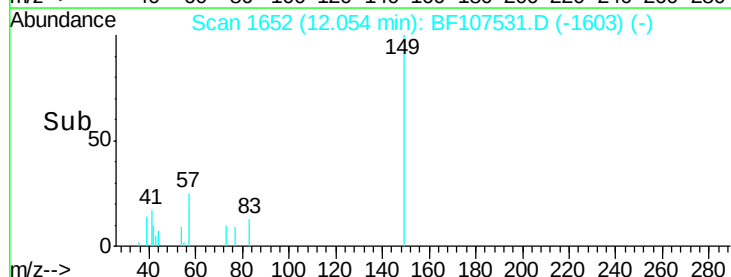
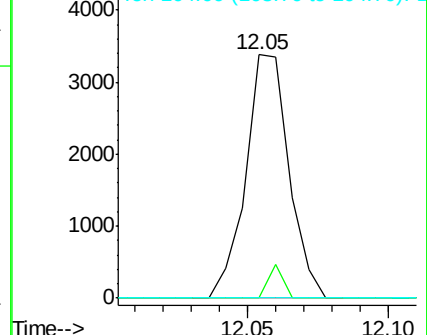
104 0.0 3.8 5.8#

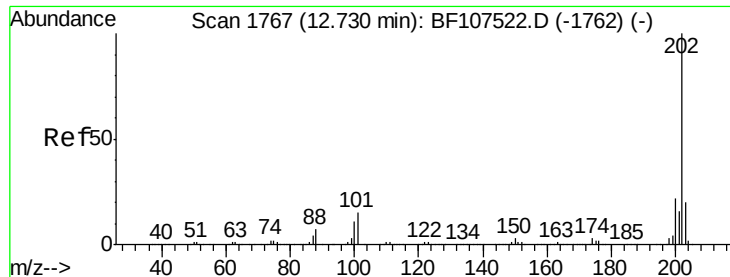


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

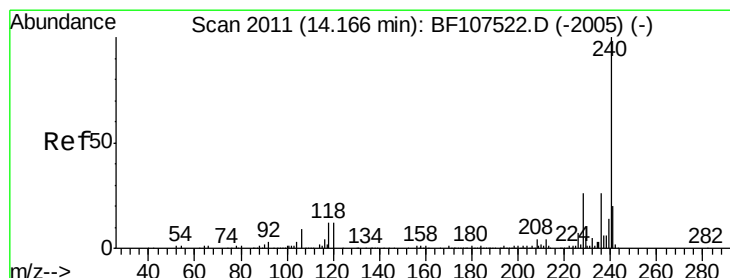
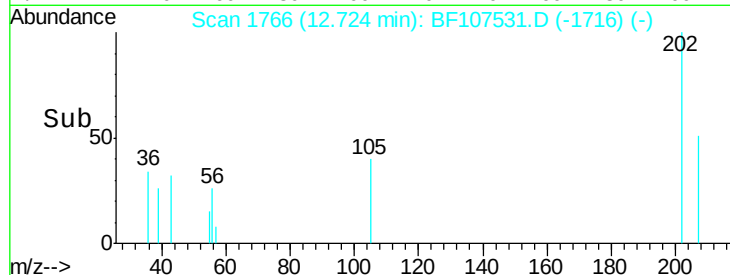
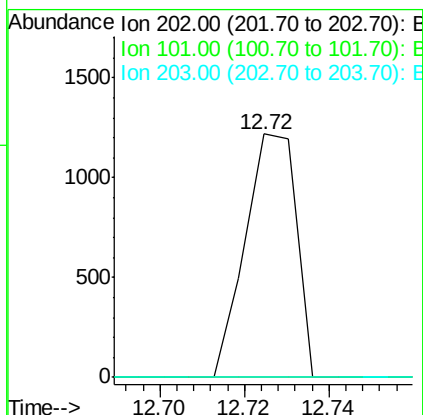
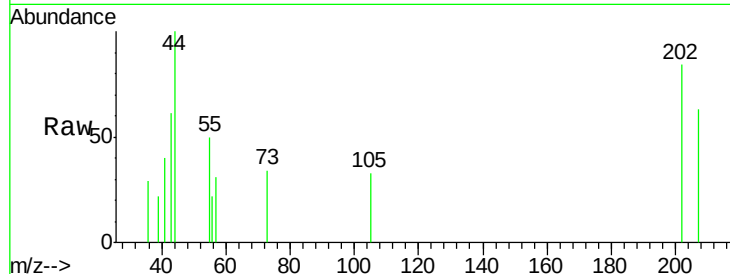




#74
Fluoranthene
Concen: 0.017 ng
RT: 12.72 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BF107531.D
Acq: 20 Jul 2018 18:45

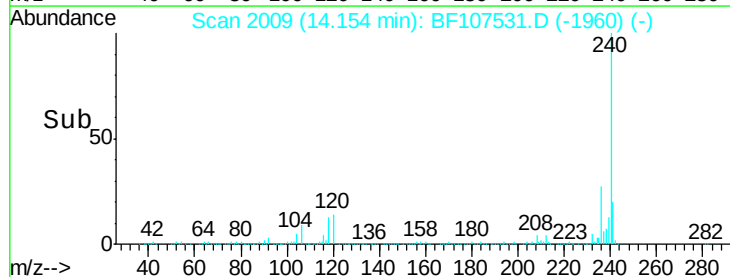
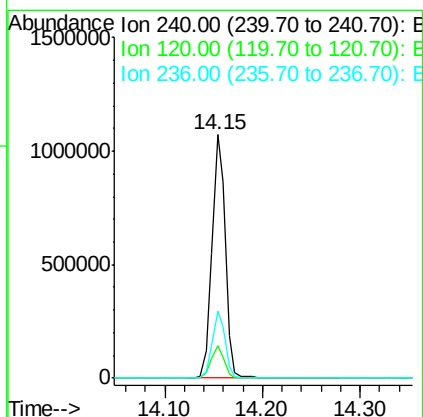
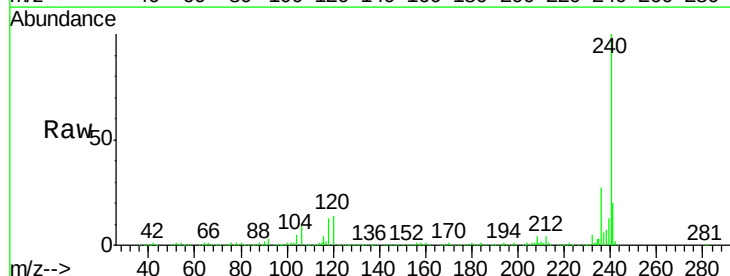
Instrument :
BNA_F
ClientSampleId :
PB111220BL

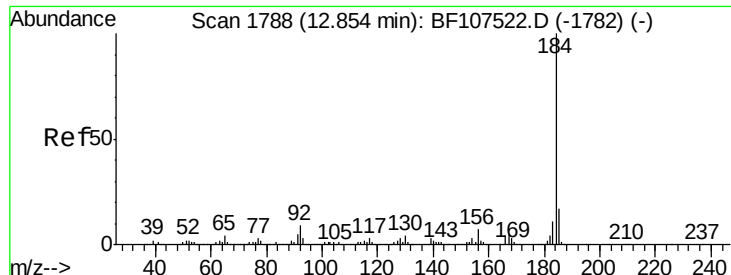
Tgt Ion: 202 Resp: 1028
Ion Ratio Lower Upper
202 100
101 0.0 0.0 34.1
203 0.0 0.0 38.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF107531.D
Acq: 20 Jul 2018 18:45

Tgt Ion: 240 Resp: 1012926
Ion Ratio Lower Upper
240 100
120 13.5 9.5 14.3
236 27.3 20.7 31.1





#76

Benzidine

Concen: 0.153 ng

RT: 12.85 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BF107531.D

Acq: 20 Jul 2018 18:45

Instrument :

BNA_F

ClientSampleId :

PB111220BL

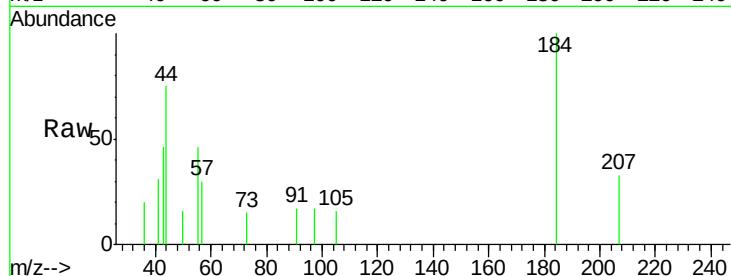
Tgt Ion:184 Resp: 4475

Ion Ratio Lower Upper

184 100

185 0.0 12.6 18.8#

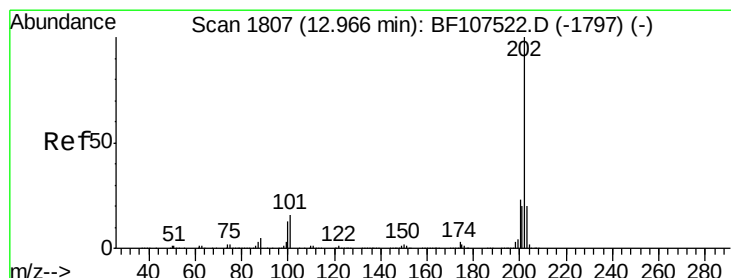
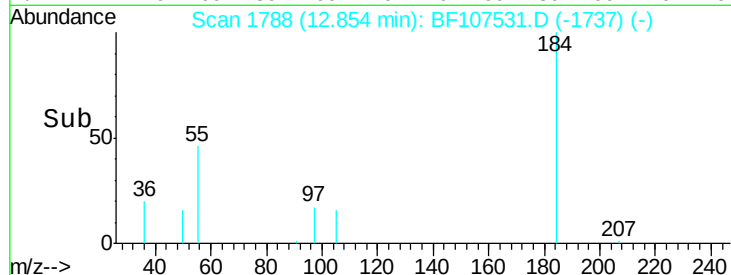
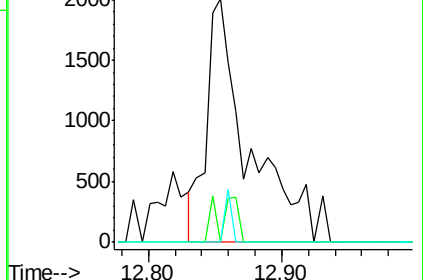
183 0.0 9.3 13.9#



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



#77

Pyrene

Concen: 0.015 ng

RT: 12.96 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF107531.D

Acq: 20 Jul 2018 18:45

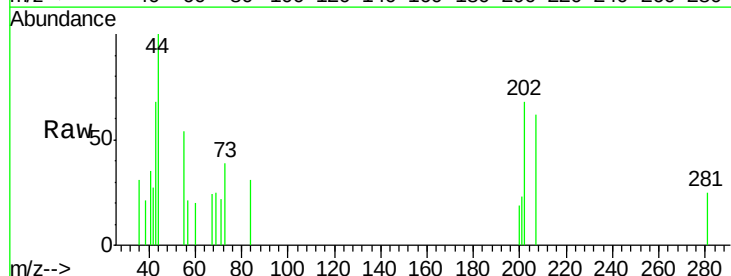
Tgt Ion:202 Resp: 1017

Ion Ratio Lower Upper

202 100

200 28.3 17.4 26.2#

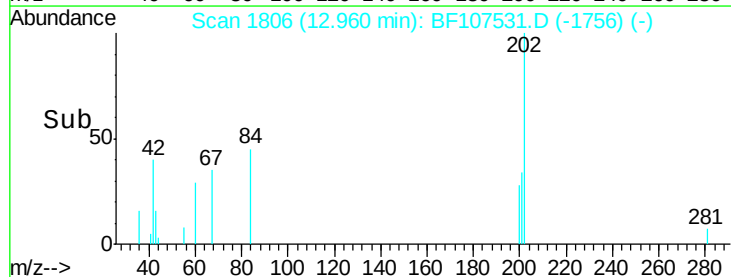
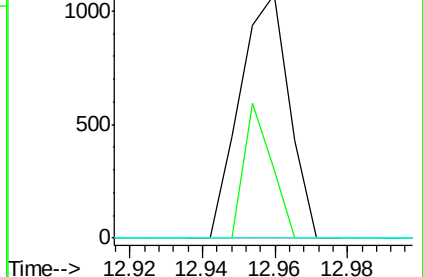
203 0.0 14.3 21.5#

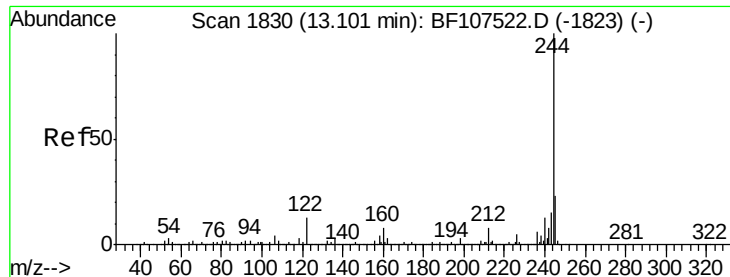


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 75.682 ng

RT: 13.10 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF107531.D

Acq: 20 Jul 2018 18:45

Instrument :

BNA_F

ClientSampleId :

PB111220BL

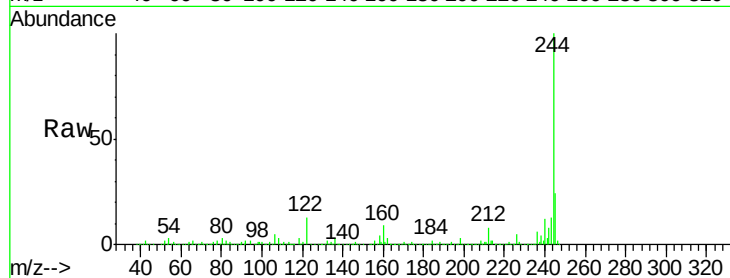
Tgt Ion:244 Resp: 2994425

Ion Ratio Lower Upper

244 100

212 8.2 5.4 8.0#

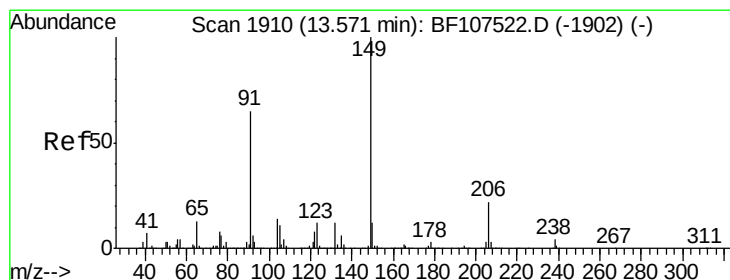
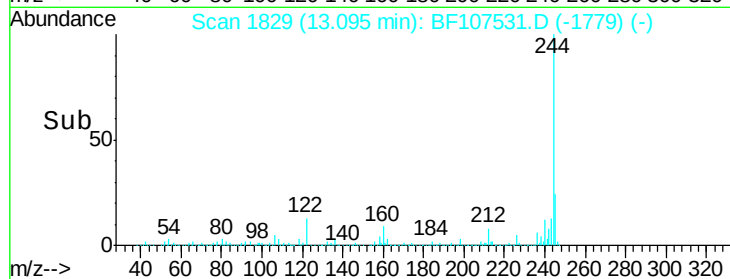
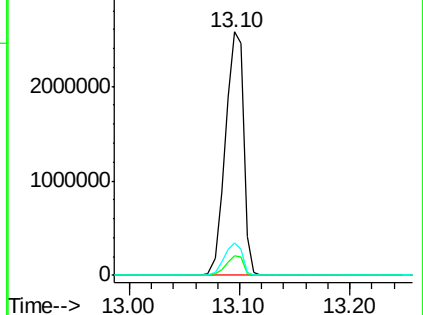
122 13.4 11.0 16.4



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



#79

Butylbenzylphthalate

Concen: 0.035 ng

RT: 13.57 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BF107531.D

Acq: 20 Jul 2018 18:45

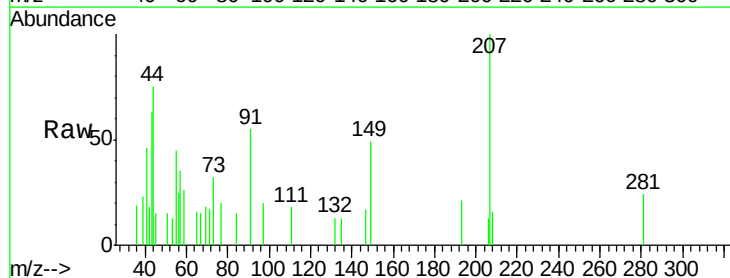
Tgt Ion:149 Resp: 1048

Ion Ratio Lower Upper

149 100

91 111.7 56.8 85.2#

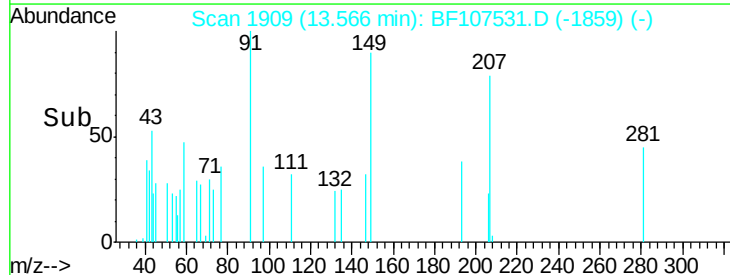
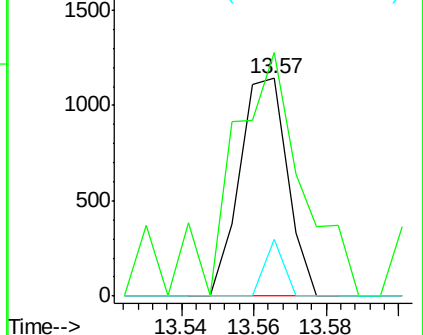
206 26.2 14.1 21.1#

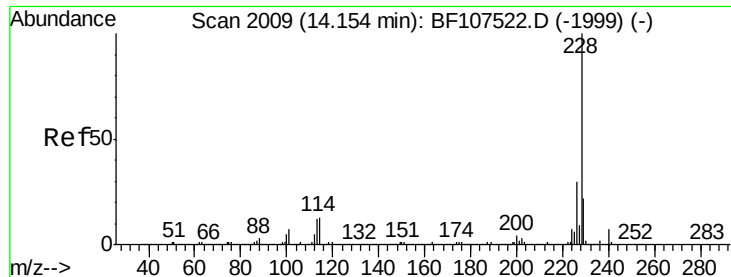


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.105 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF107531.D

Acq: 20 Jul 2018 18:45

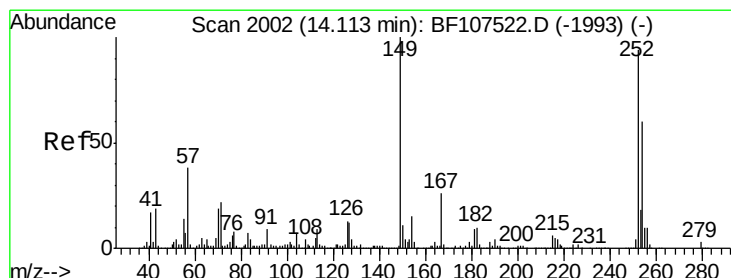
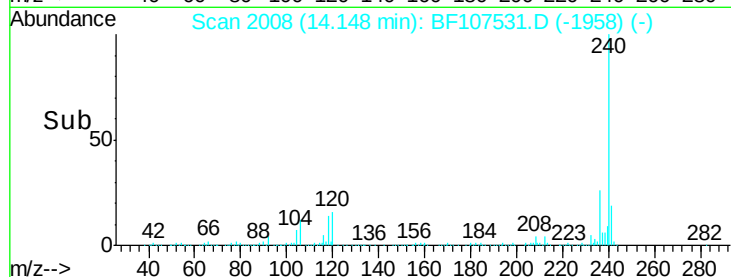
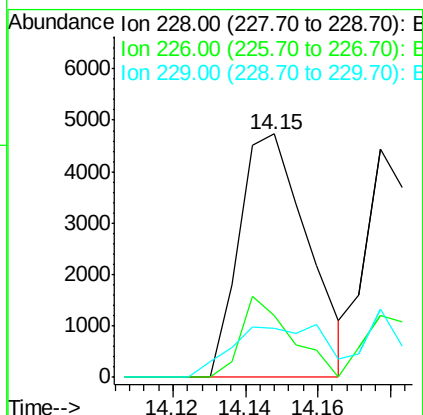
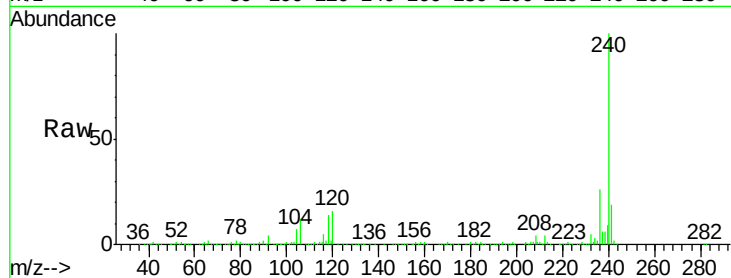
Instrument :

BNA_F

ClientSampleId :

PB111220BL

Tgt Ion:	228	Resp:	6254
Ion	Ratio	Lower	Upper
228	100		
226	25.2	22.6	33.8
229	20.3	15.8	23.6



#81

3,3'-Dichlorobenzidine

Concen: Below Cal

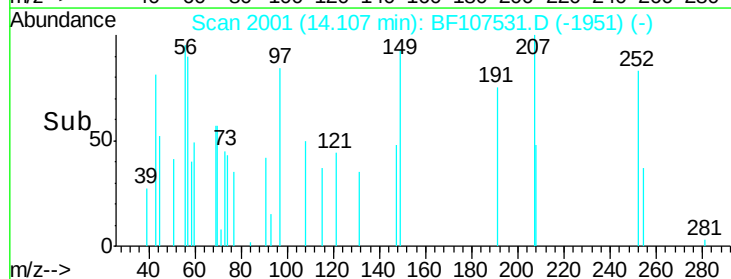
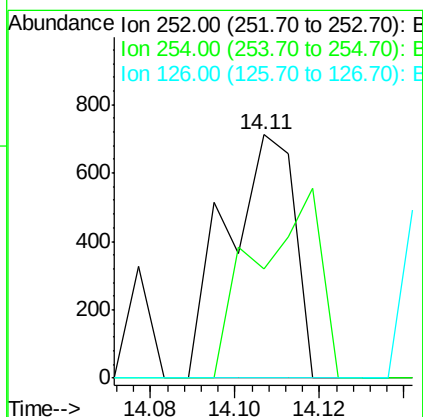
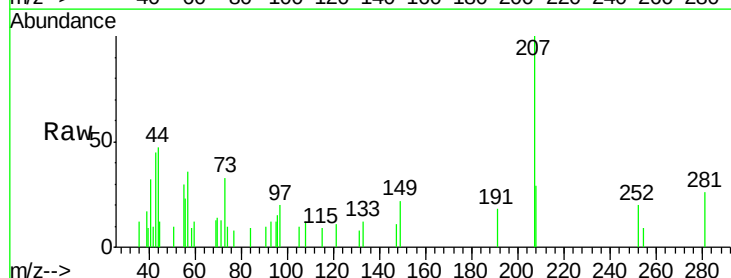
RT: 14.11 min Scan# 2001

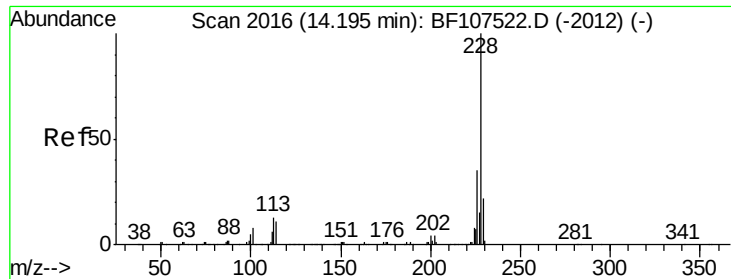
Delta R.T. -0.01 min

Lab File: BF107531.D

Acq: 20 Jul 2018 18:45

Tgt Ion:	252	Resp:	792
Ion	Ratio	Lower	Upper
252	100		
254	44.9	50.4	75.6#
126	0.0	11.3	16.9#





#82

Chrysene

Concen: 0.110 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.05 min

Lab File: BF107531.D

Acq: 20 Jul 2018 18:45

Instrument :

BNA_F

ClientSampleId :

PB111220BL

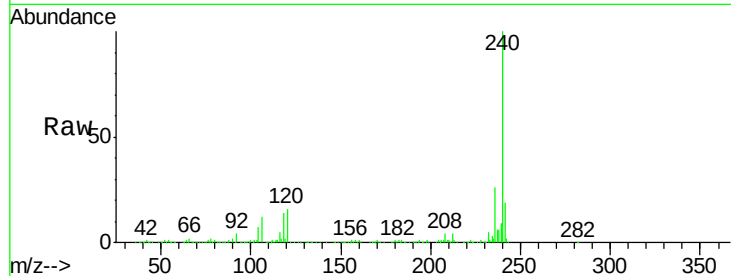
Tgt Ion:228 Resp: 6254

Ion Ratio Lower Upper

228 100

226 25.2 25.0 37.6

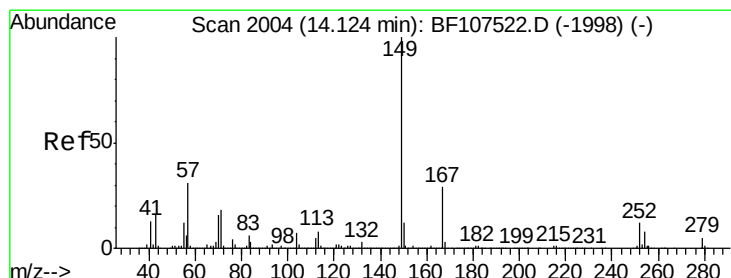
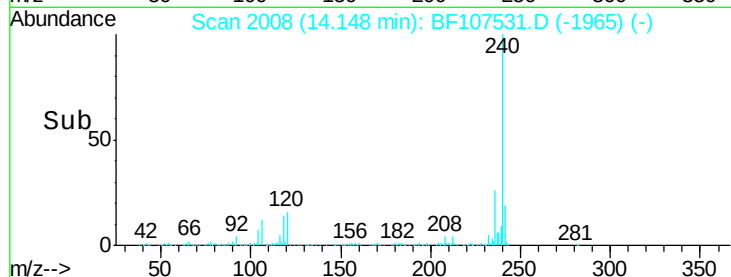
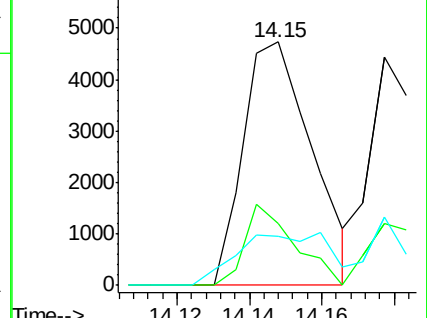
229 20.3 16.2 24.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.061 ng

RT: 14.11 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF107531.D

Acq: 20 Jul 2018 18:45

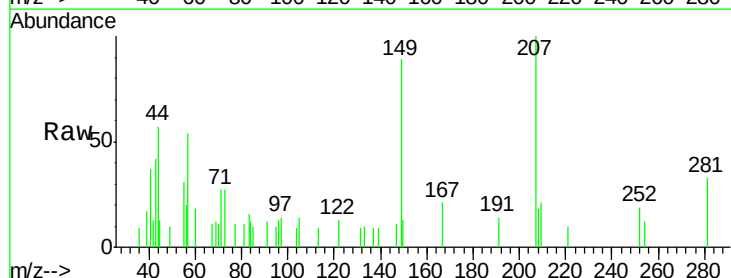
Tgt Ion:149 Resp: 2549

Ion Ratio Lower Upper

149 100

167 24.1 21.3 31.9

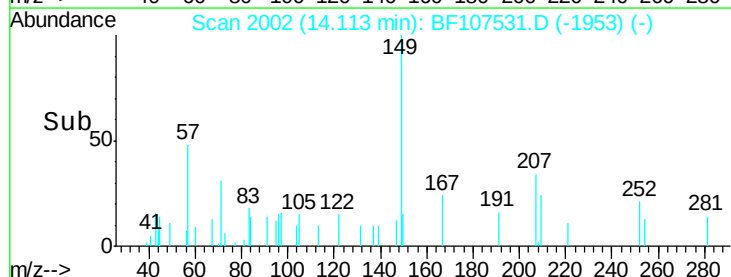
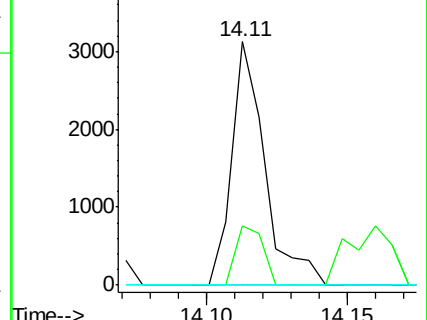
279 0.0 3.0 4.4#

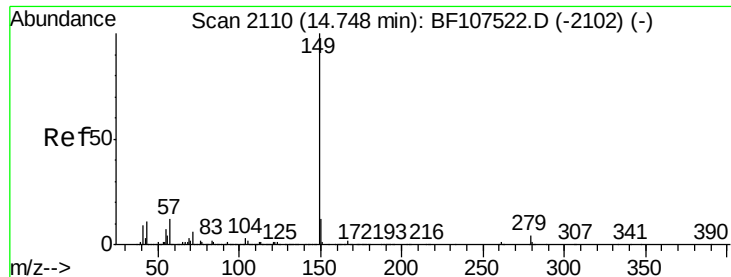


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

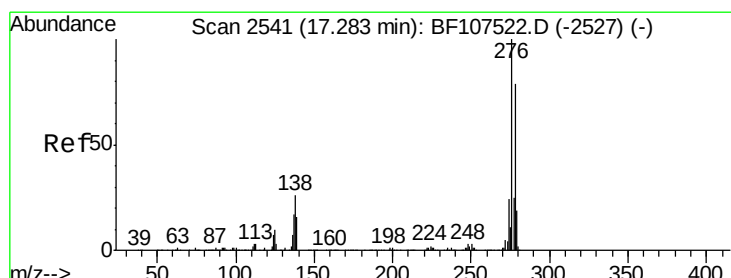
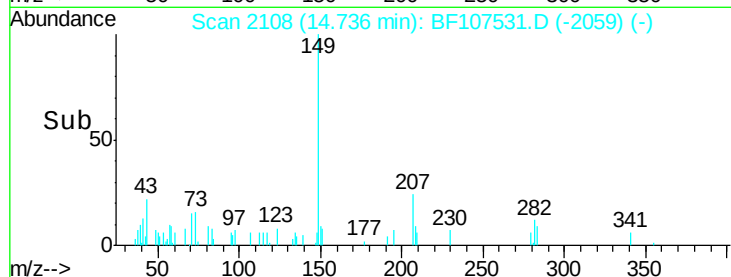
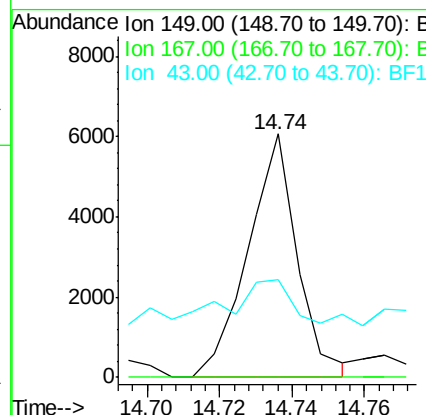
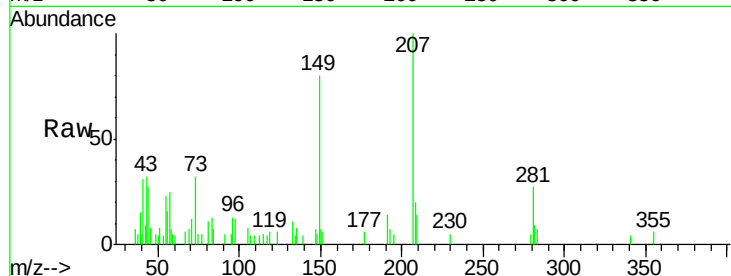




#84
Di-n-octyl phthalate
Concen: 0.087 ng
RT: 14.74 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BF107531.D
Acq: 20 Jul 2018 18:45

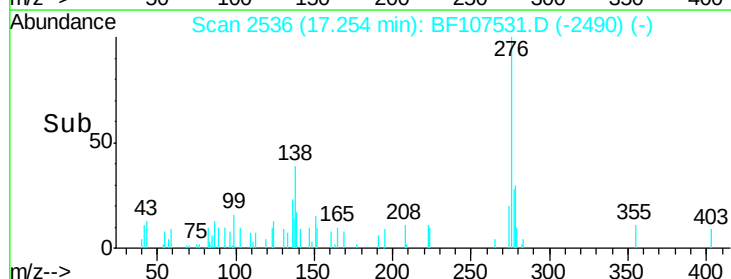
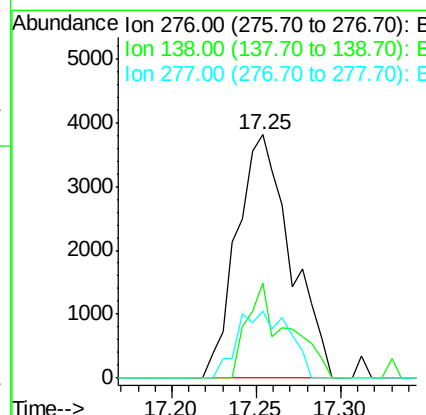
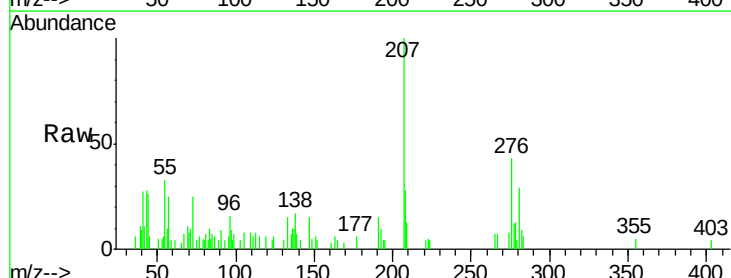
Instrument :
BNA_F
ClientSampleId :
PB111220BL

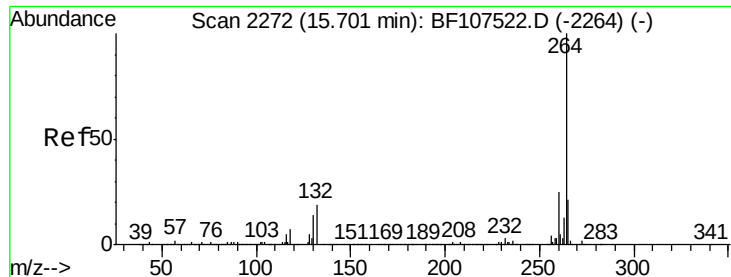
Tgt Ion:149 Resp: 5713
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 25.4 8.4 12.6#



#85
Indeno(1,2,3-cd)pyrene
Concen: 0.175 ng
RT: 17.25 min Scan# 2536
Delta R.T. -0.03 min
Lab File: BF107531.D
Acq: 20 Jul 2018 18:45

Tgt Ion:276 Resp: 8450
Ion Ratio Lower Upper
276 100
138 29.5 25.0 37.6
277 26.6 20.1 30.1



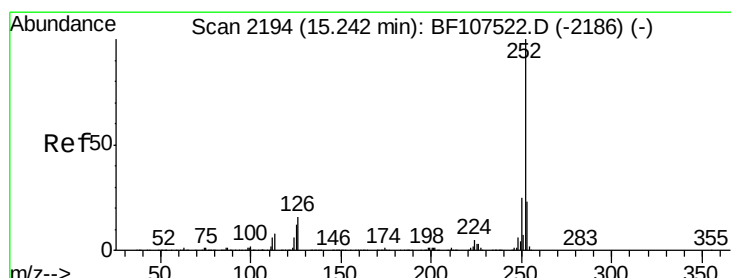
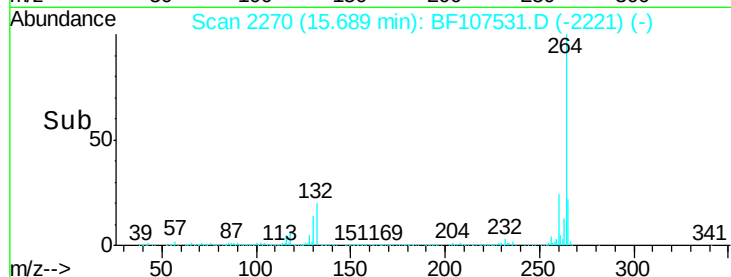
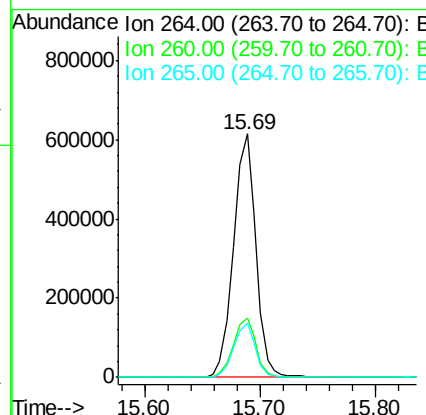
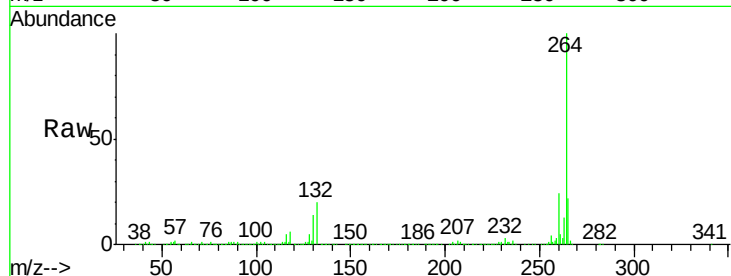


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF107531.D
Acq: 20 Jul 2018 18:45

Instrument :
BNA_F
ClientSampleId :
PB111220BL

Tgt Ion: 264 Resp: 826180

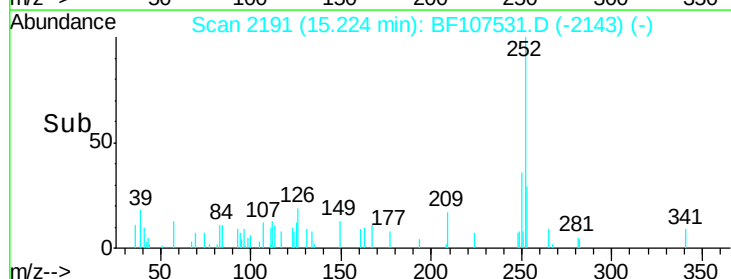
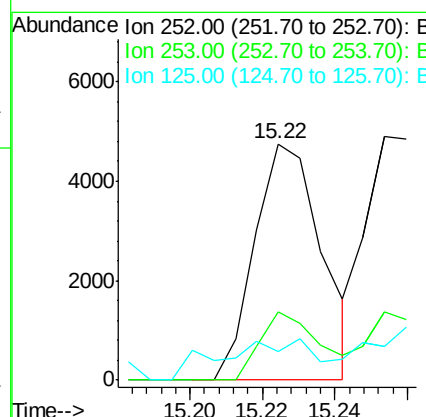
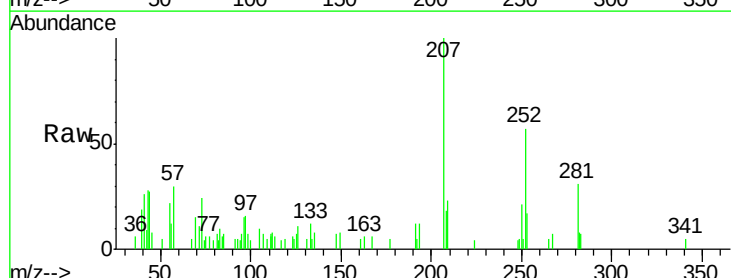
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.1	17.5	26.3

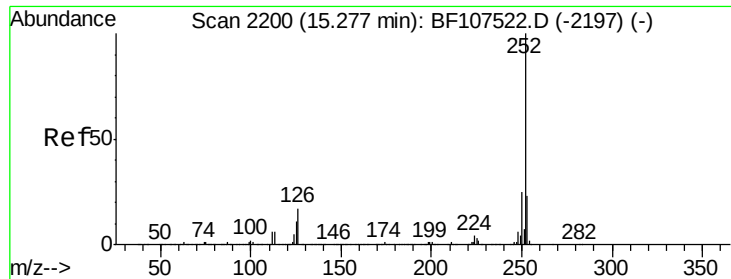


#87
Benzo(b)fluoranthene
Concen: 0.135 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BF107531.D
Acq: 20 Jul 2018 18:45

Tgt Ion: 252 Resp: 6111

Ion	Ratio	Lower	Upper
252	100		
253	29.0	17.0	25.6#
125	12.3	9.0	13.6

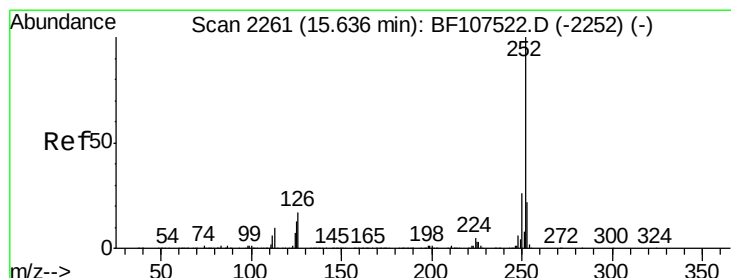
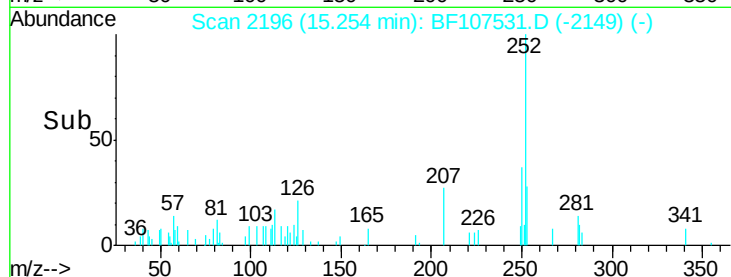
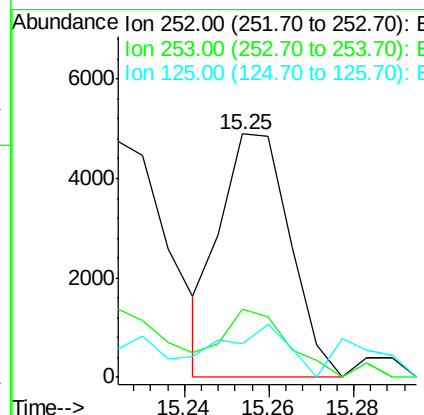
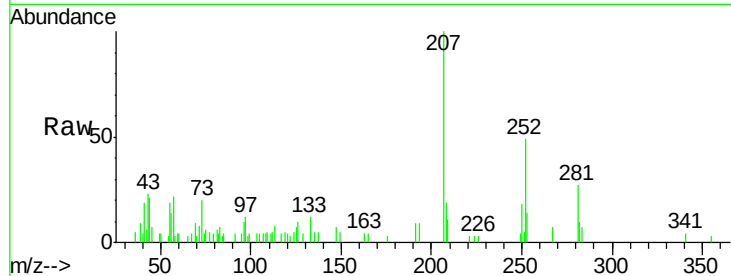




#88
Benzo(k)fluoranthene
Concen: 0.127 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BF107531.D
Acq: 20 Jul 2018 18:45

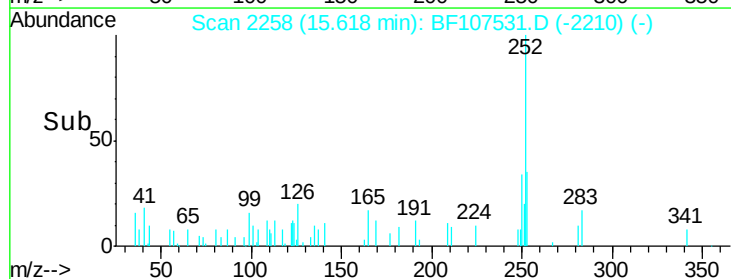
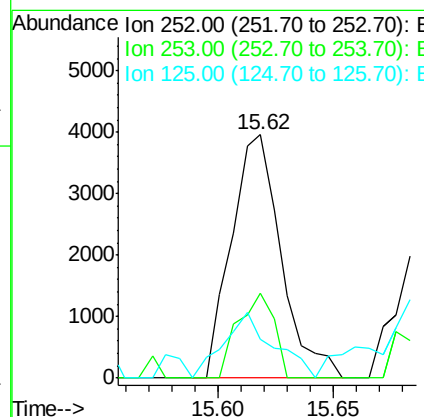
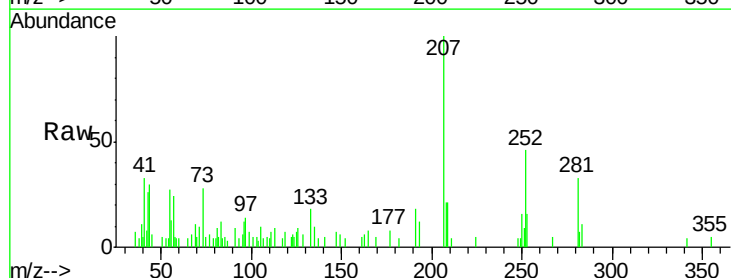
Instrument :
BNA_F
ClientSampleId :
PB111220BL

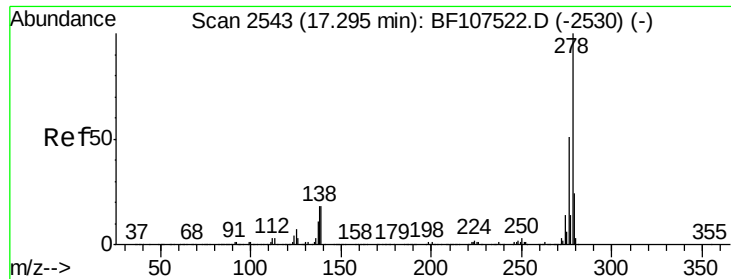
Tgt Ion:252 Resp: 5607
Ion Ratio Lower Upper
252 100
253 27.9 17.9 26.9#
125 13.6 10.2 15.2



#89
Benzo(a)pyrene
Concen: 0.143 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF107531.D
Acq: 20 Jul 2018 18:45

Tgt Ion:252 Resp: 5922
Ion Ratio Lower Upper
252 100
253 35.1 17.1 25.7#
125 15.9 9.8 14.6#





#90

Dibenzo(a,h)anthracene

Concen: 0.162 ng

RT: 17.27 min Scan# 2538

Delta R.T. -0.03 min

Lab File: BF107531.D

Acq: 20 Jul 2018 18:45

Instrument :

BNA_F

ClientSampleId :

PB111220BL

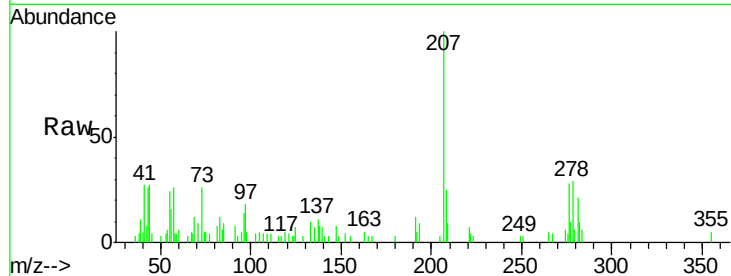
Tgt Ion: 278 Resp: 5785

Ion Ratio Lower Upper

278 100

139 25.1 15.9 23.9#

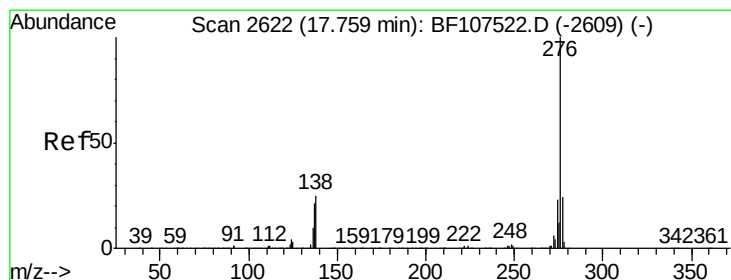
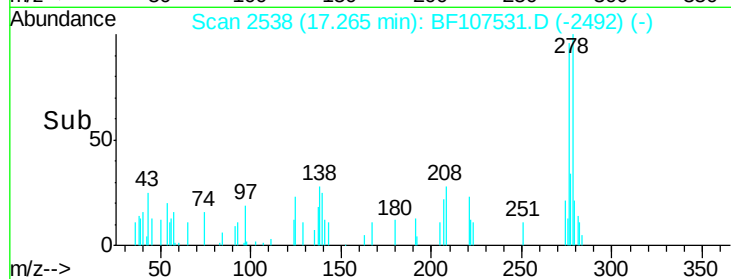
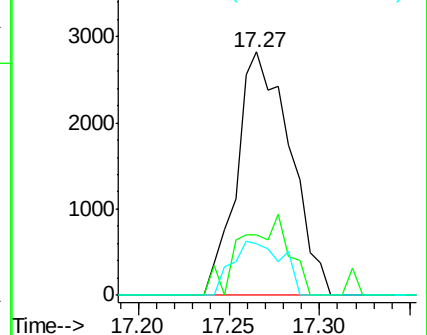
279 21.2 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 0.206 ng

RT: 17.74 min Scan# 2618

Delta R.T. -0.02 min

Lab File: BF107531.D

Acq: 20 Jul 2018 18:45

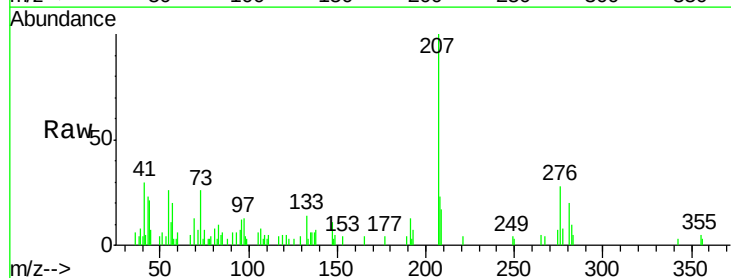
Tgt Ion: 276 Resp: 7282

Ion Ratio Lower Upper

276 100

277 29.2 17.9 26.9#

138 26.9 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

