

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
 Data File : BF107732.D
 Acq On : 27 Jul 2018 7:17
 Operator : JU/SJ
 Sample : PB111493BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111493BS

Quant Time: Jul 27 08:23:50 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	170310	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	685708	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	308507	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	559752	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	365077	20.00	ng	-0.02
86) Perylene-d12	15.67	264	402655	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	808231	76.30	ng	0.00
7) Phenol-d6	6.60	99	992061	78.00	ng	-0.01
23) Nitrobenzene-d5	7.53	82	978427	96.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	324815	92.59	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1915377	118.07	ng	-0.02
78) Terphenyl-d14	13.08	244	1313353	92.10	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	136566	27.699	ng	89
3) Pyridine	3.67	79	309027	23.040	ng	# 84
4) n-Nitrosodimethylamine	3.64	42	116838	20.654	ng	# 94
6) Aniline	6.64	93	292085	17.805	ng	# 68
8) 2-Chlorophenol	6.75	128	429851	37.877	ng	97
9) Benzaldehyde	6.52	77	152070	16.490	ng	97
10) Phenol	6.61	94	462323	30.907	ng	90
11) bis(2-Chloroethyl)ether	6.70	93	456541	36.813	ng	95
12) 1,3-Dichlorobenzene	6.90	146	450377	35.003	ng	98
13) 1,4-Dichlorobenzene	6.98	146	505487	38.330	ng	99
14) 1,2-Dichlorobenzene	7.13	146	450054	38.028	ng	99
15) Benzyl Alcohol	7.11	79	306156	35.318	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	680258	32.514	ng	74
17) 2-Methylphenol	7.22	107	344572	35.723	ng	# 85
18) Hexachloroethane	7.47	117	169296	36.600	ng	96
19) n-Nitroso-di-n-propylamine	7.37	70	290753	35.386	ng	97
20) 3+4-Methylphenols	7.37	107	418741	36.560	ng	# 52
22) Acetophenone	7.37	105	627957	38.994	ng	# 90
24) Nitrobenzene	7.55	77	421171	36.191	ng	98
25) Isophorone	7.78	82	811640	37.412	ng	98
26) 2-Nitrophenol	7.87	139	248119	50.488	ng	96
27) 2,4-Dimethylphenol	7.90	122	368001	39.560	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	519228	35.813	ng	98
29) 2,4-Dichlorophenol	8.11	162	372358	39.162	ng	98
30) 1,2,4-Trichlorobenzene	8.18	180	397371	37.210	ng	98
31) Naphthalene	8.27	128	1290985	42.814	ng	99
32) Benzoic acid	8.02	122	208569	34.730	ng	95
33) 4-Chloroaniline	8.33	127	166291	12.617	ng	96
34) Hexachlorobutadiene	8.37	225	237654	37.452	ng	98
35) Caprolactam	8.69	113	105605	34.148	ng	# 76
36) 4-Chloro-3-methylphenol	8.81	107	402462	38.105	ng	98
37) 2-Methylnaphthalene	8.95	142	882580	42.239	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	425402	41.341	ng	98
40) Hexachlorocyclopentadiene	9.10	237	228626	43.707	ng	97

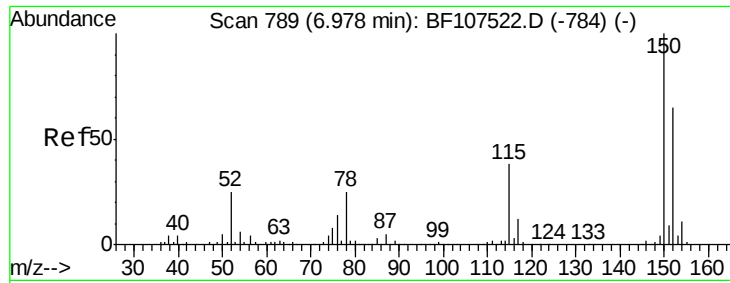
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	257761	39.135	ng	99
43) 2,4,5-Trichlorophenol	9.28	196	291738	42.380	ng	97
45) 1,1'-Biphenyl	9.42	154	1105830	41.148	ng	99
46) 2-Chloronaphthalene	9.45	162	811523	39.505	ng	99
47) 2-Nitroaniline	9.55	65	261140	43.605	ng	89
48) Acenaphthylene	9.87	152	1309990	42.452	ng	98
49) Dimethylphthalate	9.72	163	939300	40.398	ng	99
50) 2,6-Dinitrotoluene	9.79	165	198887	43.084	ng	94
51) Acenaphthene	10.04	154	720787	37.280	ng	99
52) 3-Nitroaniline	9.97	138	114674	20.419	ng	94
53) 2,4-Dinitrophenol	10.08	184	132967	66.836	ng	# 31
54) Dibenzofuran	10.21	168	1134902	39.871	ng	99
55) 4-Nitrophenol	10.14	139	189762	45.131	ng	90
56) 2,4-Dinitrotoluene	10.20	165	242904	43.591	ng	96
57) Fluorene	10.55	166	886945	43.677	ng	94
58) 2,3,4,6-Tetrachlorophenol	10.33	232	255318	44.565	ng	# 80
59) Diethylphthalate	10.41	149	951448	39.182	ng	98
60) 4-Chlorophenyl-phenylether	10.54	204	450918	39.279	ng	91
61) 4-Nitroaniline	10.60	138	162192	34.375	ng	95
62) Azobenzene	10.70	77	859396	37.742	ng	95
64) 4,6-Dinitro-2-methylphenol	10.61	198	99495	38.841	ng	88
65) n-Nitrosodiphenylamine	10.67	169	778175	40.934	ng	98
66) 4-Bromophenyl-phenylether	11.03	248	266724	40.479	ng	93
67) Hexachlorobenzene	11.10	284	280978	38.755	ng	# 85
68) Atrazine	11.18	200	234364	40.377	ng	98
69) Pentachlorophenol	11.30	266	245214	54.148	ng	99
70) Phenanthrene	11.52	178	1093504	40.089	ng	99
71) Anthracene	11.57	178	1212033	44.132	ng	99
72) Carbazole	11.74	167	990600	34.686	ng	99
73) Di-n-butylphthalate	12.04	149	1363612	47.032	ng	100
74) Fluoranthene	12.71	202	1015700	34.701	ng	95
76) Benzidine	12.84	184	336320	31.989	ng	98
77) Pyrene	12.94	202	969201	38.812	ng	98
79) Butylbenzylphthalate	13.55	149	428843	39.933	ng	# 88
80) Benzo(a)anthracene	14.14	228	837566	39.149	ng	98
81) 3,3'-Dichlorobenzidine	14.09	252	242600	36.211	ng	98
82) Chrysene	14.17	228	870889	42.376	ng	100
83) Bis(2-ethylhexyl)phthalate	14.09	149	565462	37.317	ng	100
84) Di-n-octyl phthalate	14.71	149	991698	42.105	ng	98
85) Indeno(1,2,3-cd)pyrene	17.25	276	758131	43.526	ng	# 93
87) Benzo(b)fluoranthene	15.22	252	884230	40.125	ng	97
88) Benzo(k)fluoranthene	15.25	252	869973	40.295	ng	98
89) Benzo(a)pyrene	15.61	252	831036	41.226	ng	97
90) Dibenzo(a,h)anthracene	17.26	278	650041	37.305	ng	# 96
91) Benzo(g,h,i)perylene	17.72	276	586295	34.111	ng	# 93

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

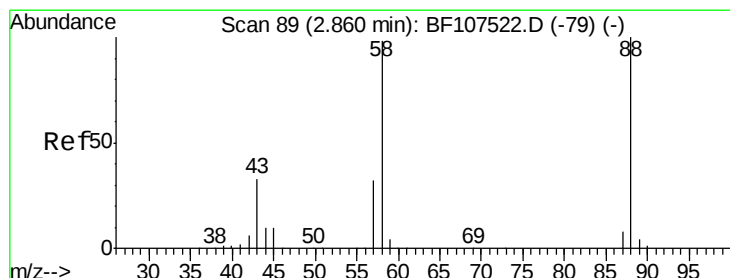
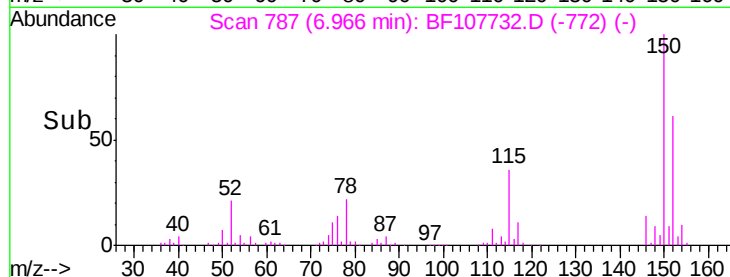
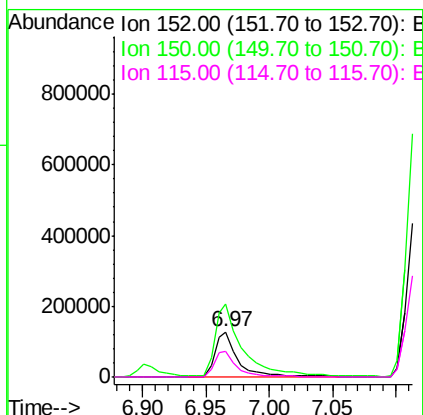
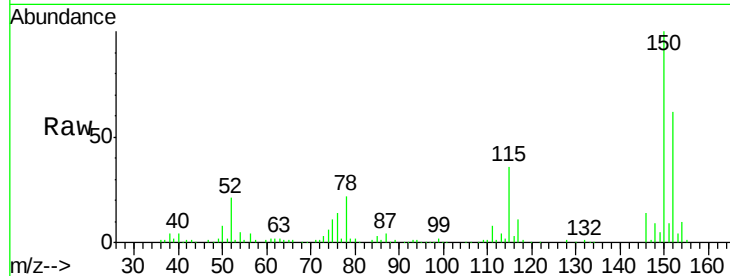


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107732.D
Acq: 27 Jul 2018 7:17

Instrument :
BNA_F
ClientSampleId :
PB111493BS

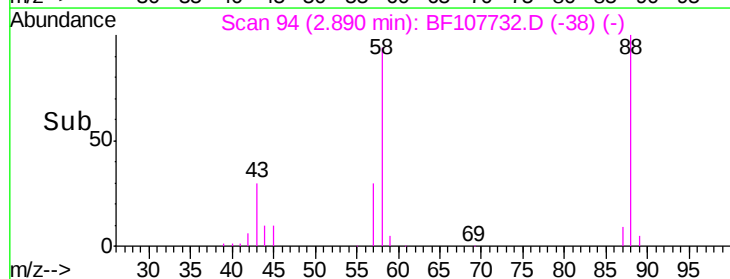
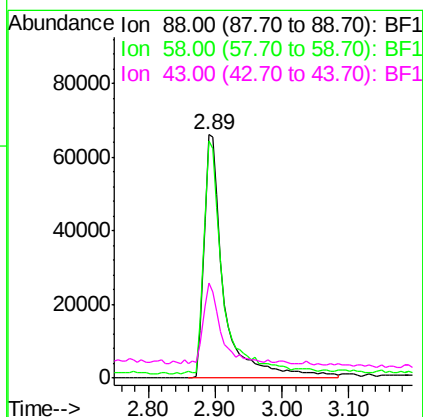
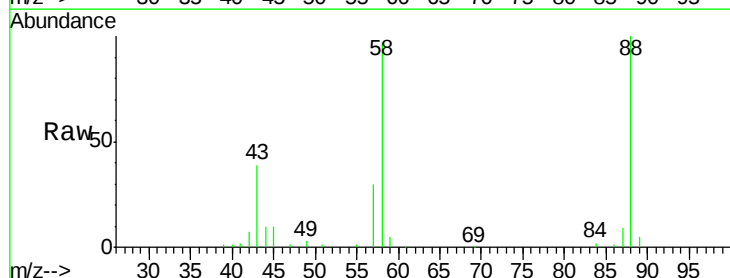
Tgt Ion:152 Resp: 170310
Ion Ratio Lower Upper
152 100
150 162.3 124.6 186.8
115 57.7 50.1 75.1

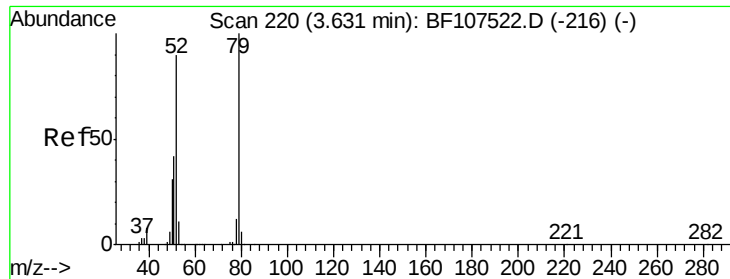


#2

1,4-Dioxane
Concen: 27.699 ng
RT: 2.89 min Scan# 94
Delta R.T. 0.03 min
Lab File: BF107732.D
Acq: 27 Jul 2018 7:17

Tgt Ion: 88 Resp: 136566
Ion Ratio Lower Upper
88 100
58 89.7 62.6 93.8
43 28.0 24.6 37.0





#3

Pyridine

Concen: 23.040 ng

RT: 3.67 min Scan# 227

Delta R.T. 0.04 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

Instrument :

BNA_F

ClientSampleId :

PB111493BS

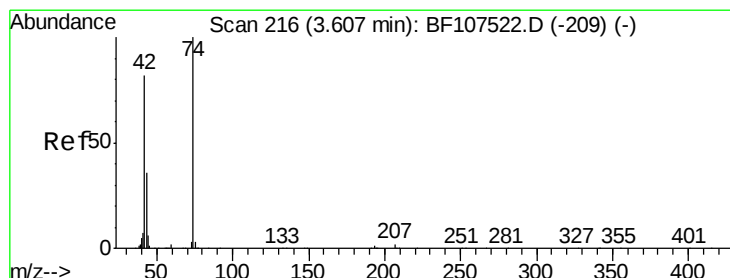
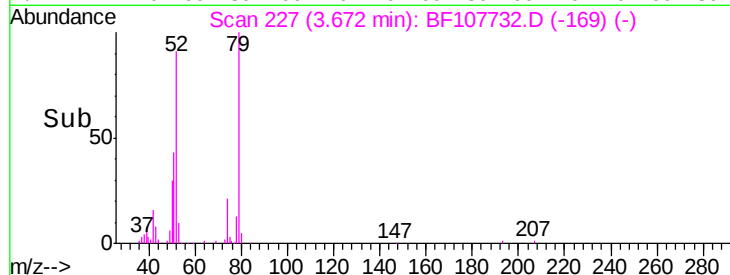
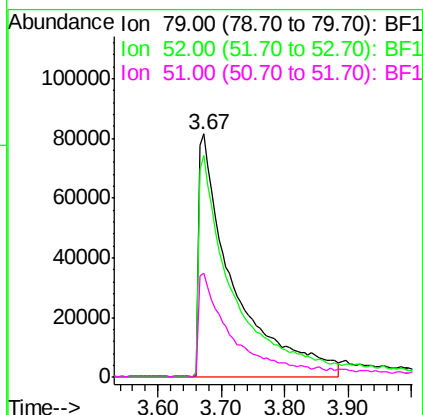
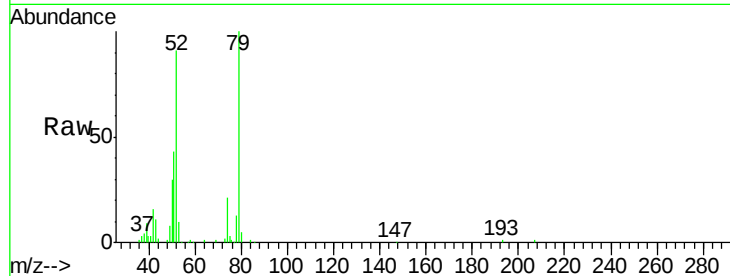
Tgt Ion: 79 Resp: 309027

Ion Ratio Lower Upper

79 100

52 91.2 59.8 89.6#

51 42.9 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 20.654 ng

RT: 3.64 min Scan# 222

Delta R.T. 0.04 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

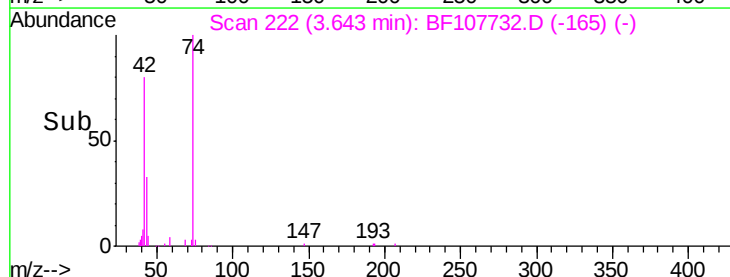
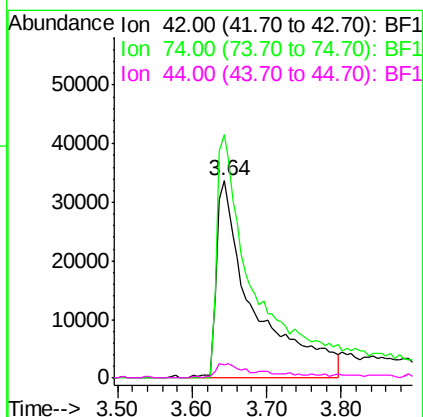
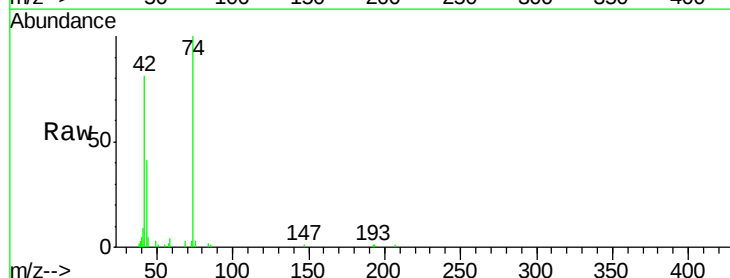
Tgt Ion: 42 Resp: 116838

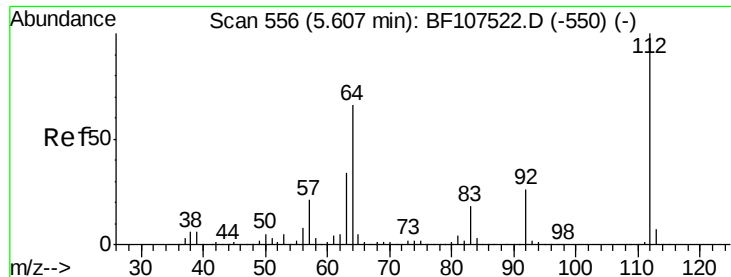
Ion Ratio Lower Upper

42 100

74 123.6 104.9 157.3

44 6.7 6.9 10.3#





#5

2-Fluorophenol

Concen: 76.301 ng

RT: 5.60 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

Instrument :

BNA_F

ClientSampleId :

PB111493BS

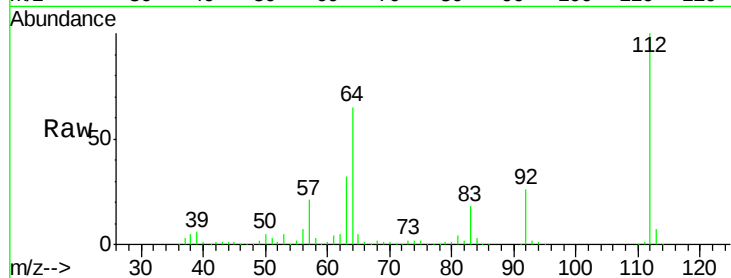
Tgt Ion: 112 Resp: 808231

Ion Ratio Lower Upper

112 100

64 64.7 47.9 71.9

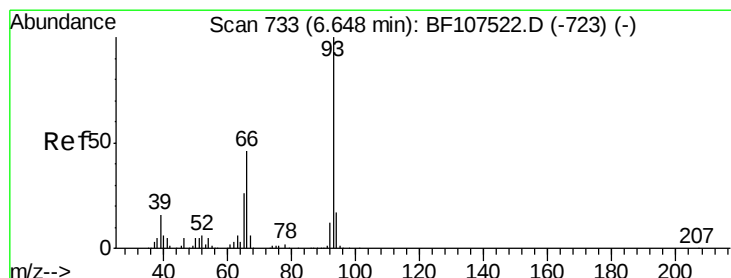
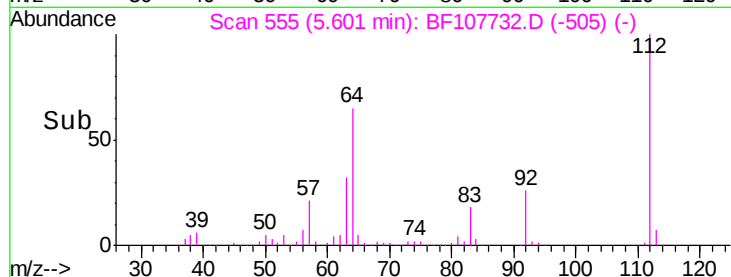
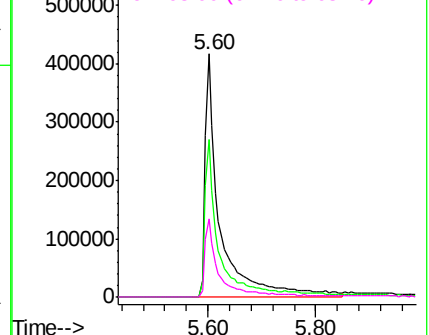
63 32.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 17.805 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

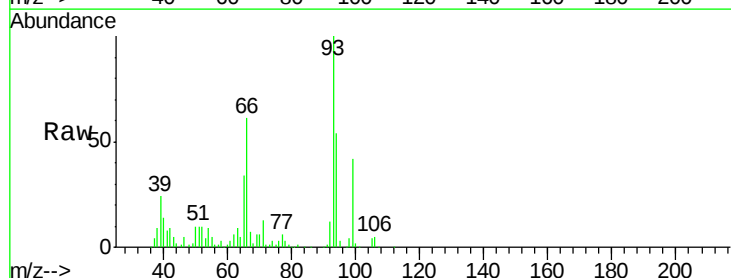
Tgt Ion: 93 Resp: 292085

Ion Ratio Lower Upper

93 100

66 60.9 32.2 48.2#

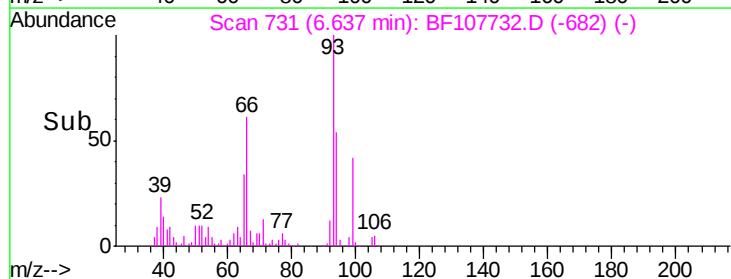
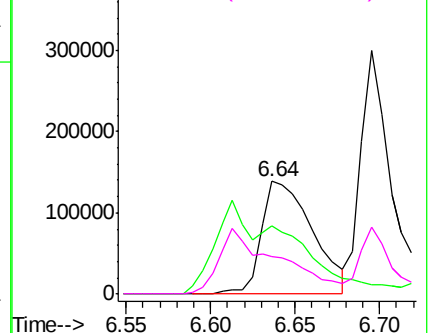
65 33.6 16.4 24.6#

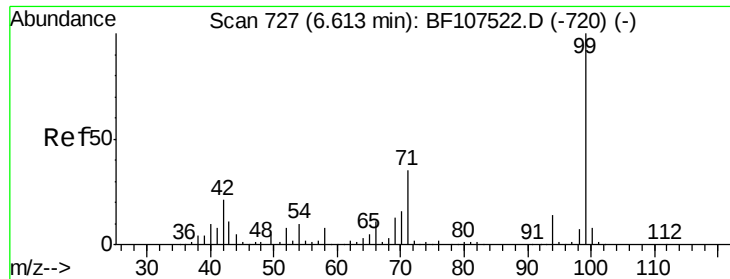


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.998 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

Instrument :

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ClientSampleId :

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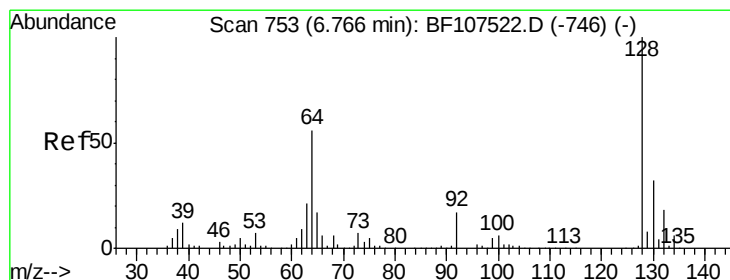
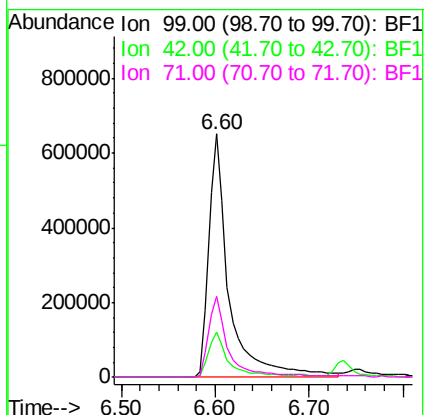
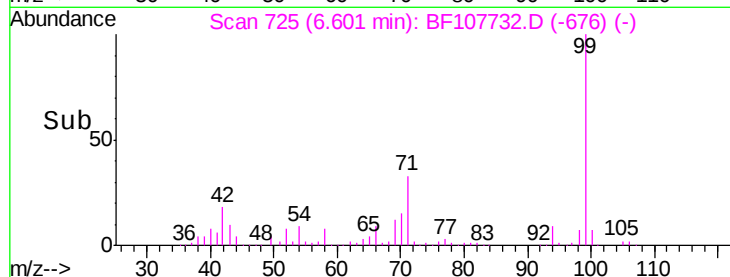
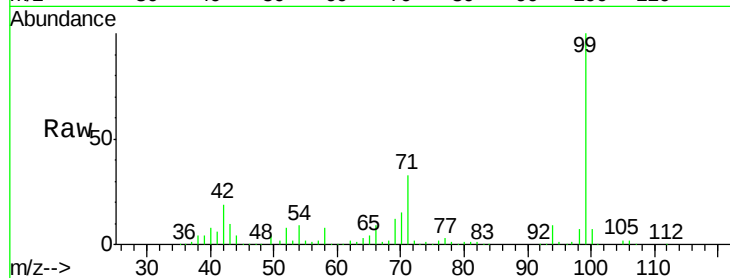
Tgt Ion: 99 Resp: 992061

Ion Ratio Lower Upper

99 100

42 18.5 14.5 21.7

71 33.3 25.4 38.0



#8

2-Chlorophenol

Concen: 37.877 ng

RT: 6.75 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

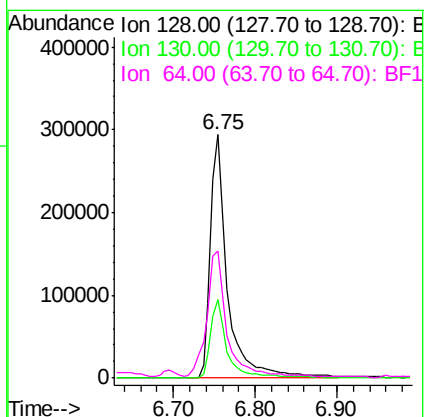
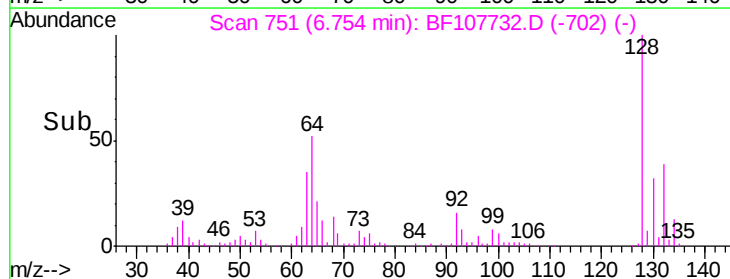
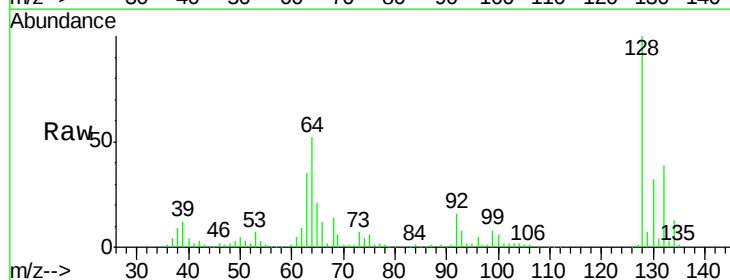
Tgt Ion: 128 Resp: 429851

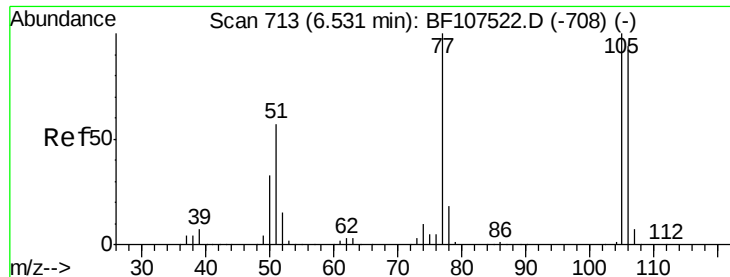
Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

64 52.1 29.4 69.4





#9

Benzaldehyde

Concen: 16.490 ng

RT: 6.52 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

Instrument :

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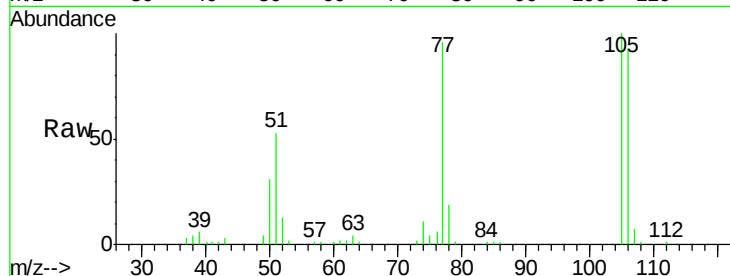
Tgt Ion: 77 Resp: 152070

Ion Ratio Lower Upper

77 100

105 104.2 81.1 121.1

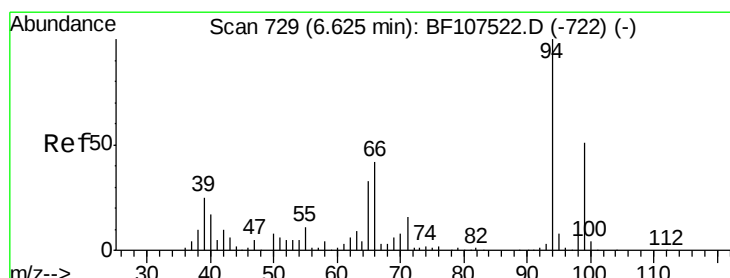
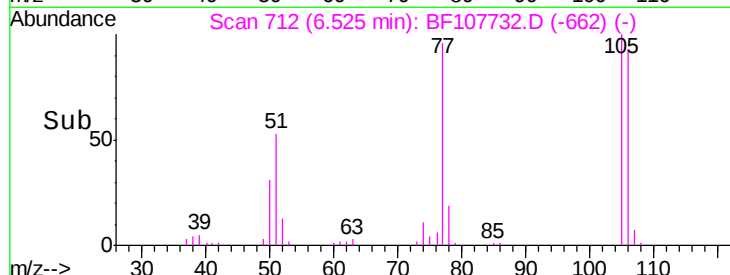
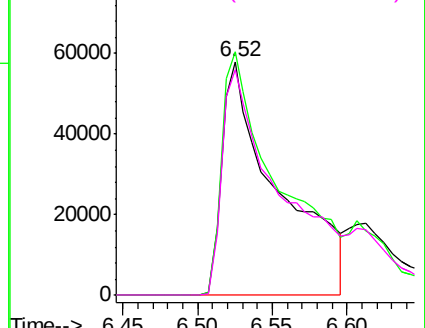
106 96.8 74.5 114.5



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: 30.907 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

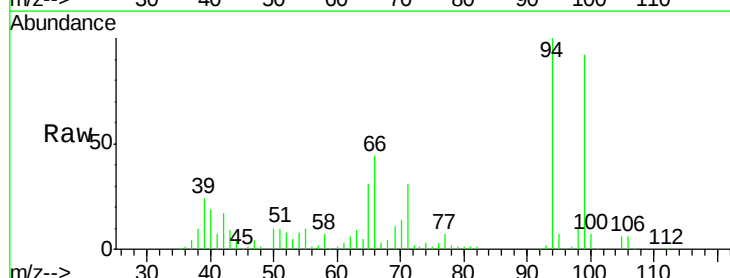
Tgt Ion: 94 Resp: 462323

Ion Ratio Lower Upper

94 100

65 30.8 7.9 47.9

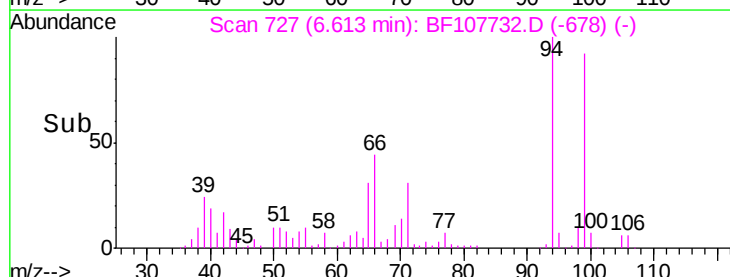
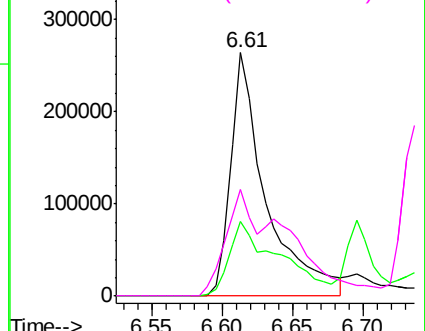
66 43.7 16.2 56.2

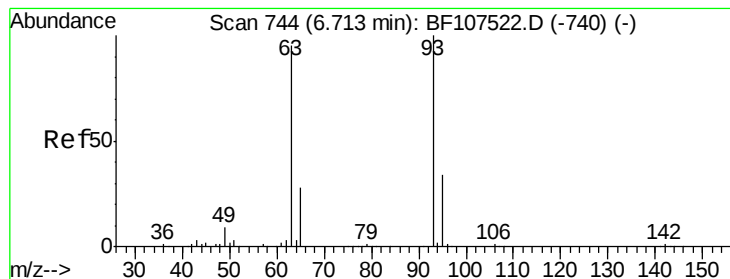


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 36.813 ng

RT: 6.70 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

Instrument :

BNA_F

ClientSampleId :

PB111493BS

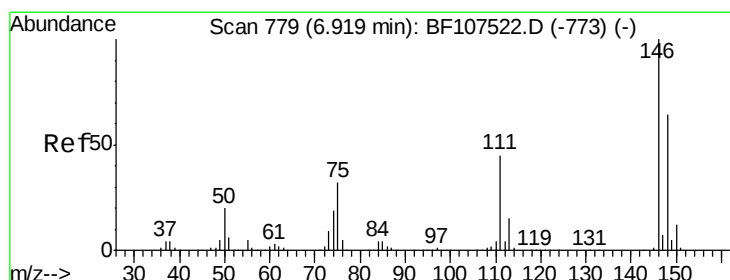
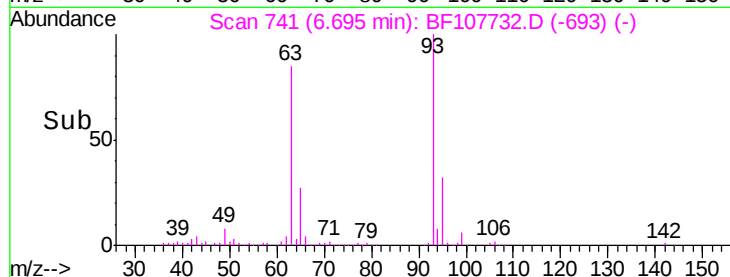
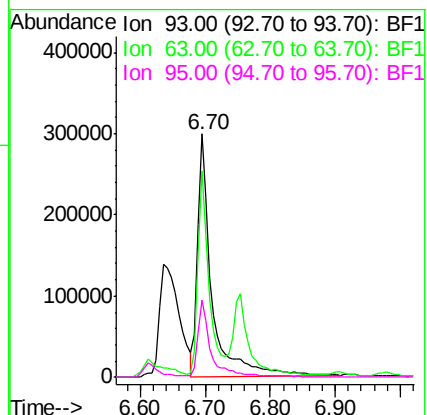
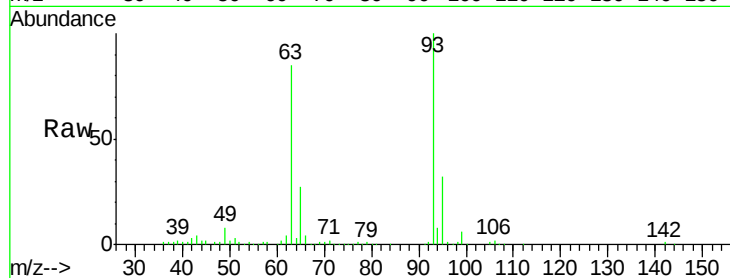
Tgt Ion: 93 Resp: 456541

Ion Ratio Lower Upper

93 100

63 84.7 58.6 98.6

95 31.8 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 35.003 ng

RT: 6.90 min Scan# 776

Delta R.T. -0.02 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

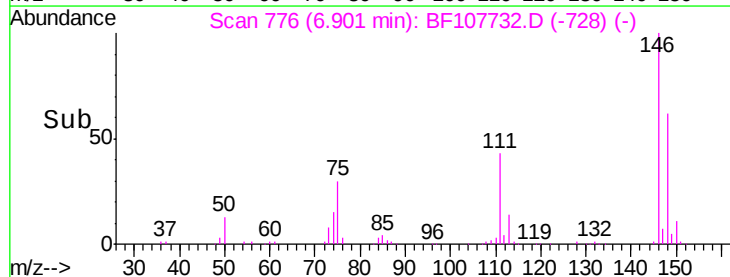
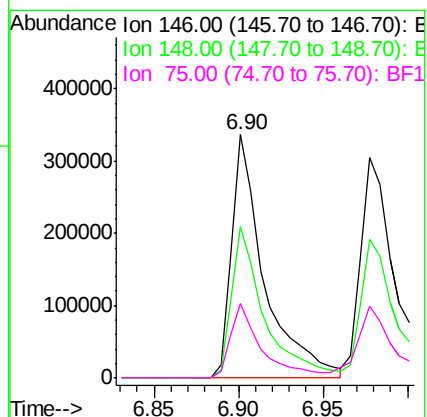
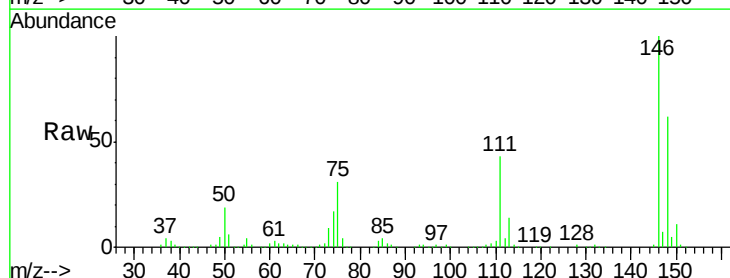
Tgt Ion: 146 Resp: 450377

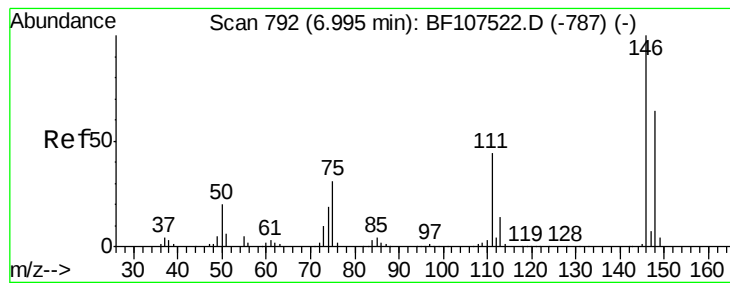
Ion Ratio Lower Upper

146 100

148 62.3 51.8 77.8

75 30.7 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 38.330 ng

RT: 6.98 min Scan# 789

Delta R.T. -0.02 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

Instrument :

BNA_F

ClientSampleID :

PB111493BS

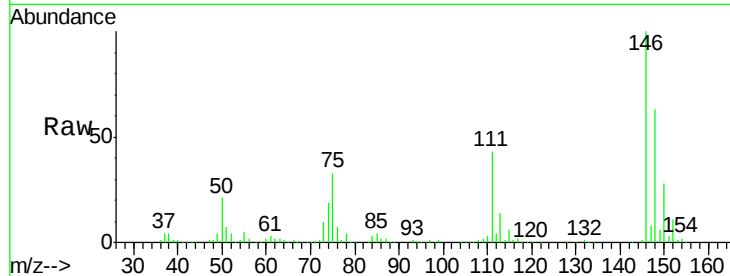
Tgt Ion:146 Resp: 505487

Ion Ratio Lower Upper

146 100

148 62.9 50.8 76.2

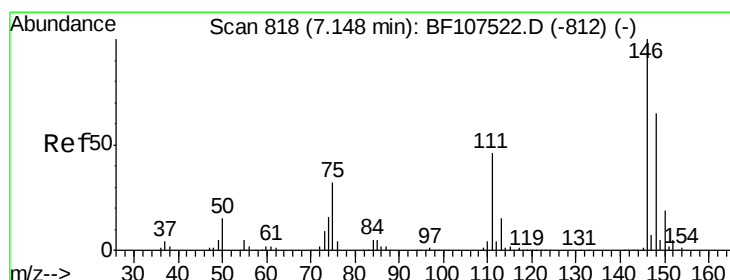
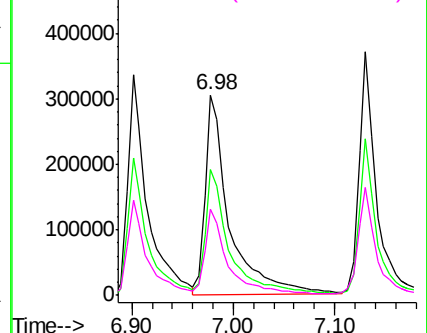
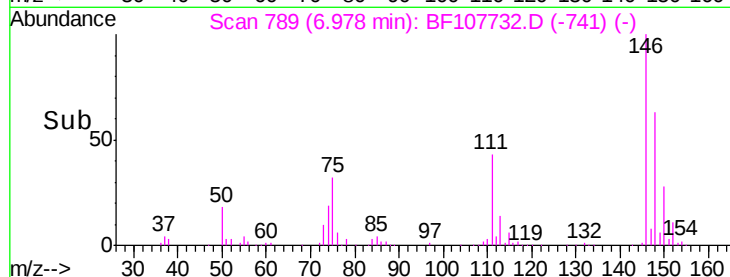
111 43.2 34.2 51.2



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: 38.028 ng

RT: 7.13 min Scan# 815

Delta R.T. -0.02 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

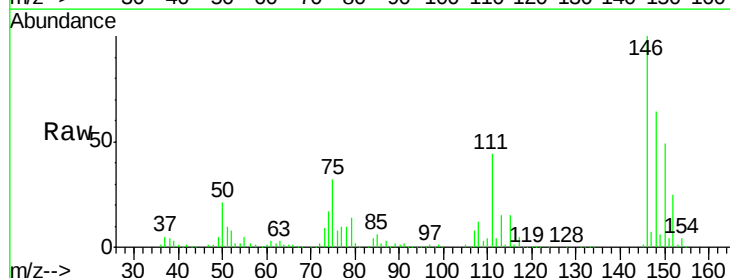
Tgt Ion:146 Resp: 450054

Ion Ratio Lower Upper

146 100

148 64.2 50.6 75.8

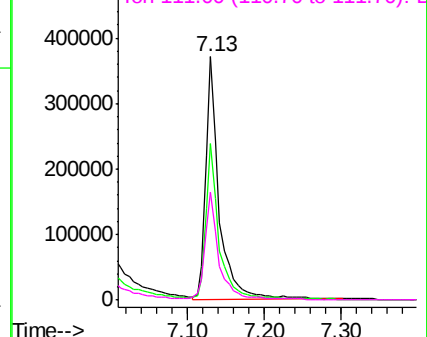
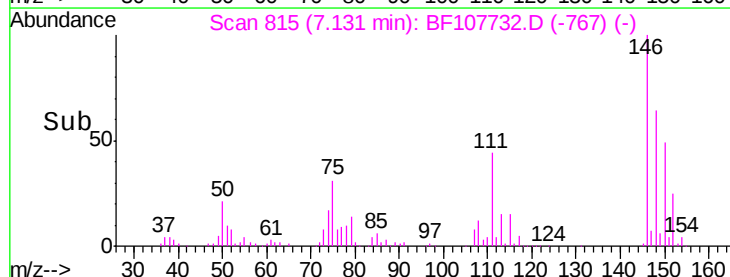
111 44.5 36.0 54.0

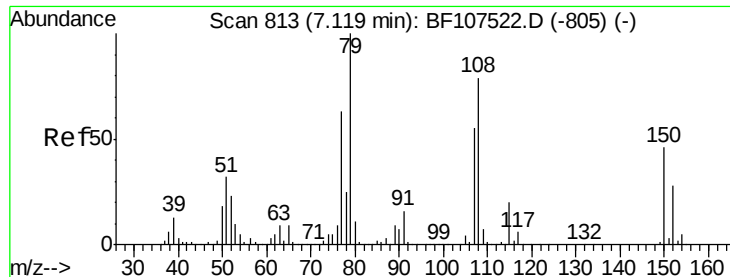


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.318 ng

RT: 7.11 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

Instrument :

BNA_F

ClientSampleId :

PB111493BS

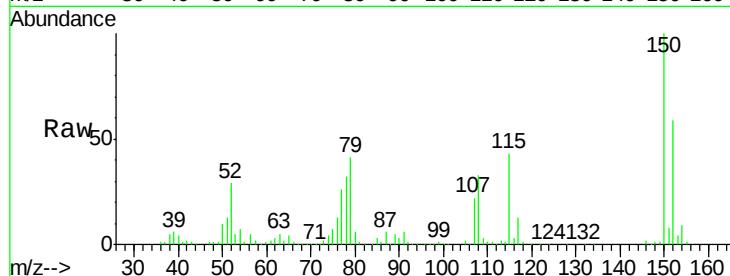
Tgt Ion: 79 Resp: 306156

Ion Ratio Lower Upper

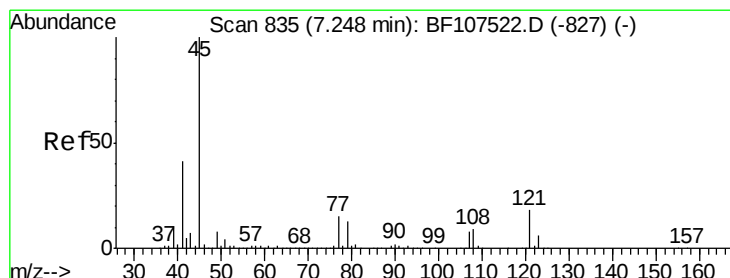
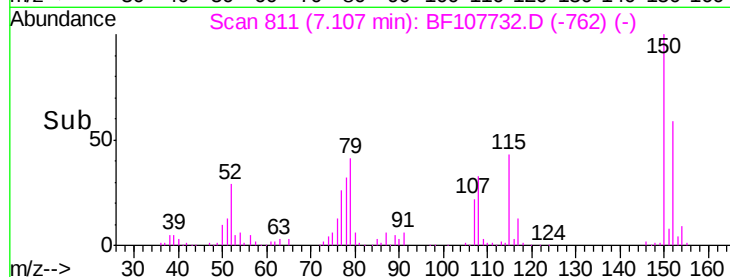
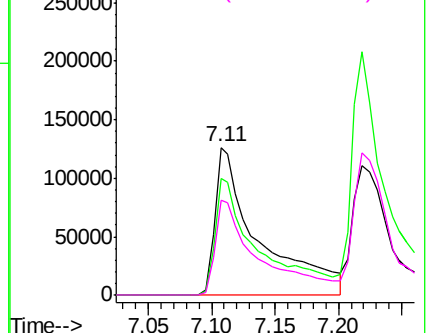
79 100

108 78.6 65.1 97.7

77 63.9 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.514 ng

RT: 7.23 min Scan# 832

Delta R.T. -0.02 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

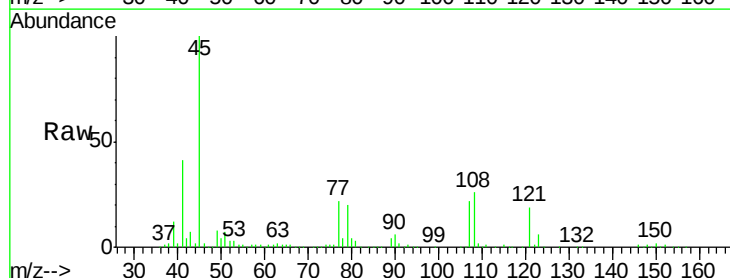
Tgt Ion: 45 Resp: 680258

Ion Ratio Lower Upper

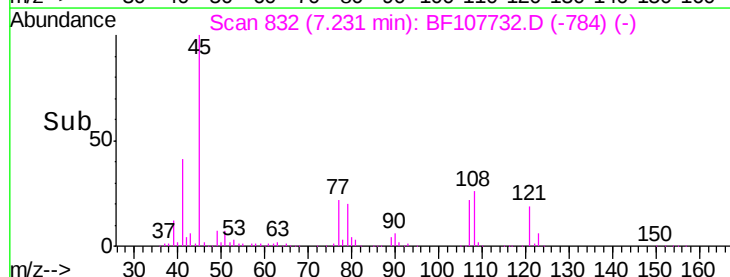
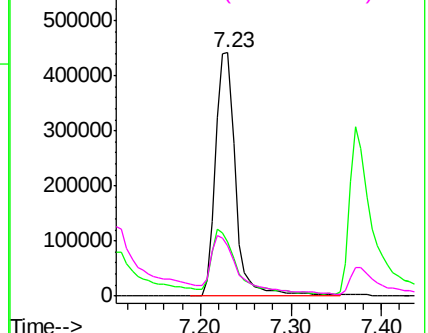
45 100

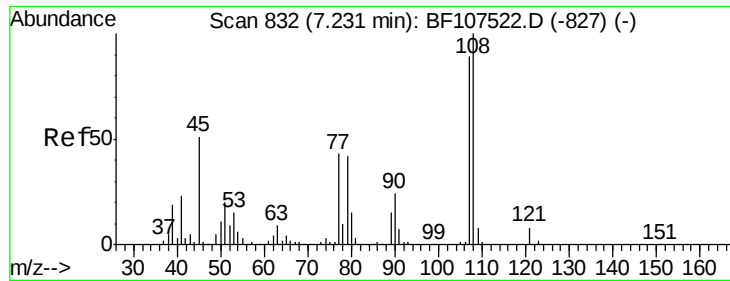
77 22.1 0.0 32.9

79 20.5 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

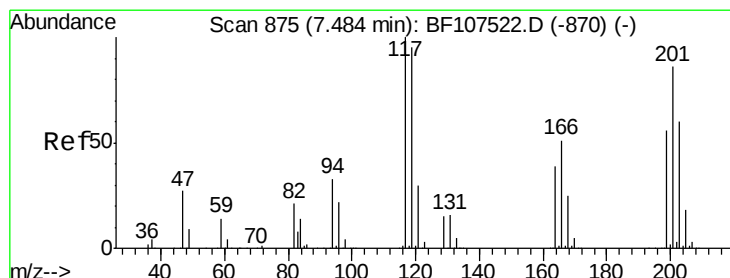
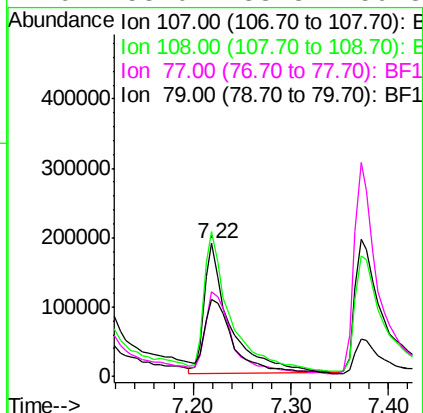
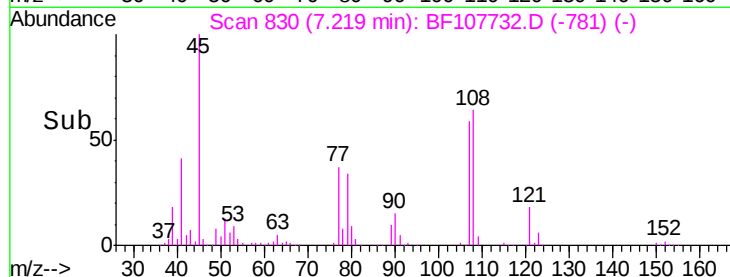
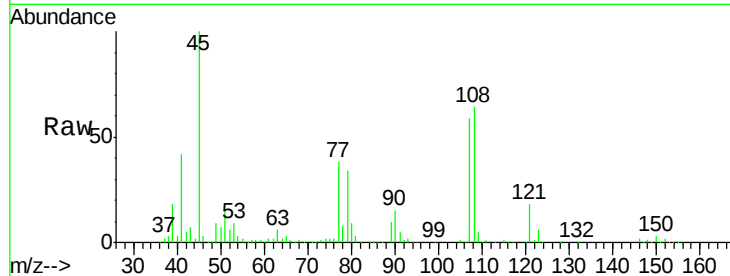




#17
2-Methylphenol
Concen: 35.723 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107732.D
Acq: 27 Jul 2018 7:17

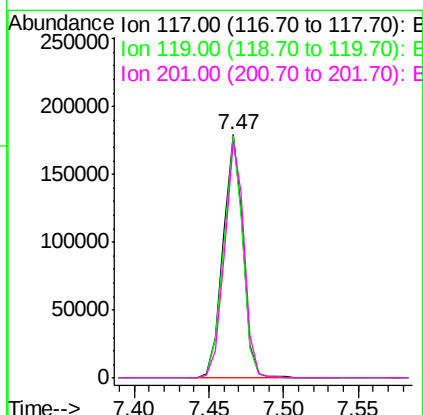
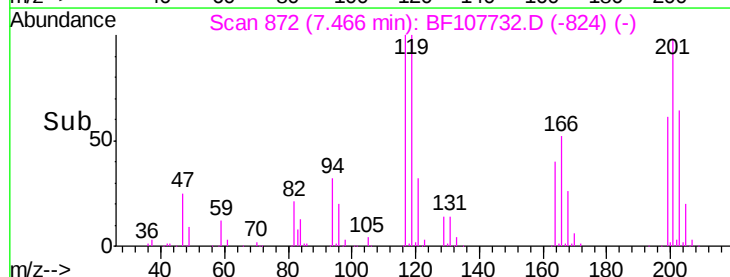
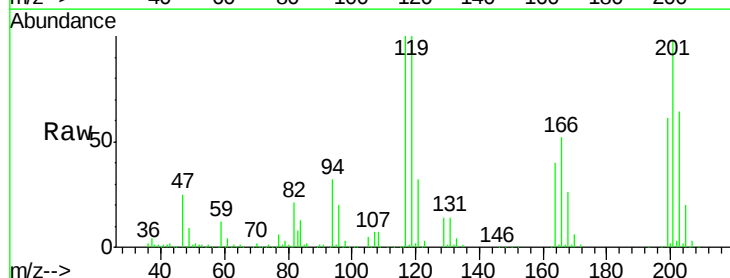
Instrument :
BNA_F
ClientSampleId :
PB111493BS

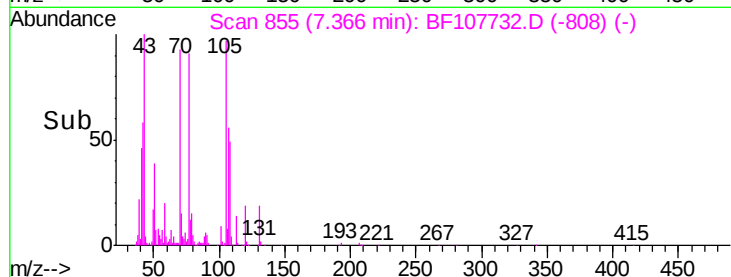
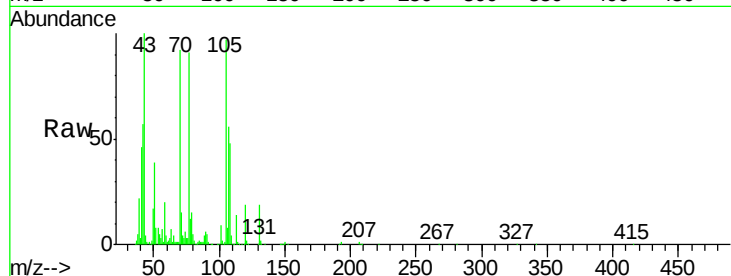
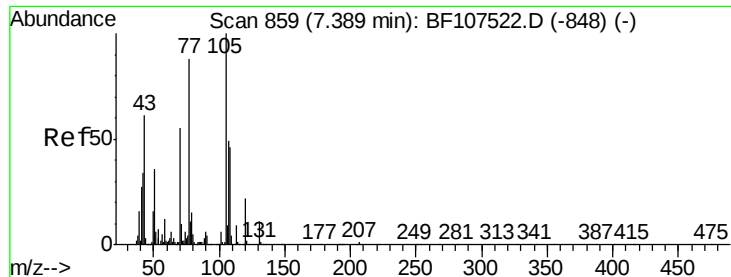
Tgt Ion:107 Resp: 344572
Ion Ratio Lower Upper
107 100
108 108.8 91.7 137.5
77 63.4 33.8 50.8#
79 58.0 33.8 50.8#



#18
Hexachloroethane
Concen: 36.600 ng
RT: 7.47 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF107732.D
Acq: 27 Jul 2018 7:17

Tgt Ion:117 Resp: 169296
Ion Ratio Lower Upper
117 100
119 99.5 75.8 113.8
201 97.5 75.7 113.5

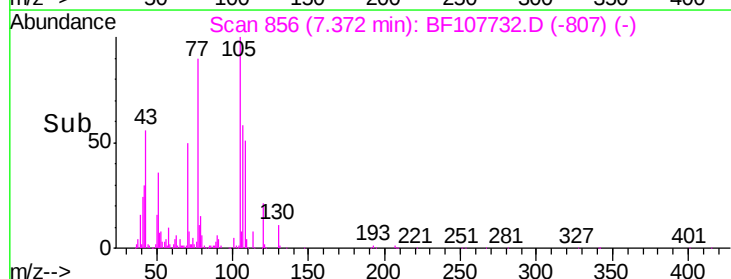
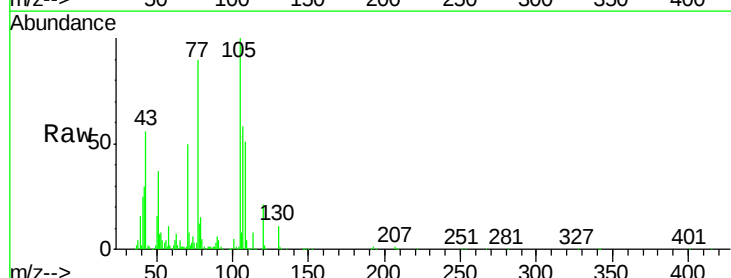
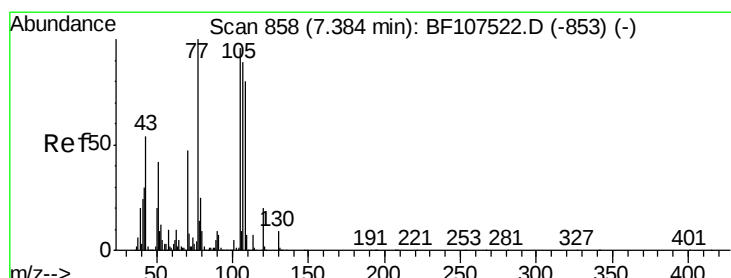
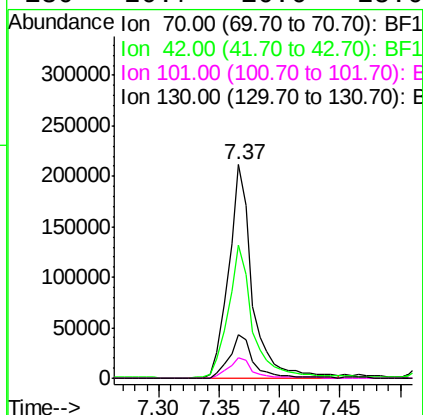




#19
n-Nitroso-di-n-propylamine
Concen: 35.386 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF107732.D
Acq: 27 Jul 2018 7:17

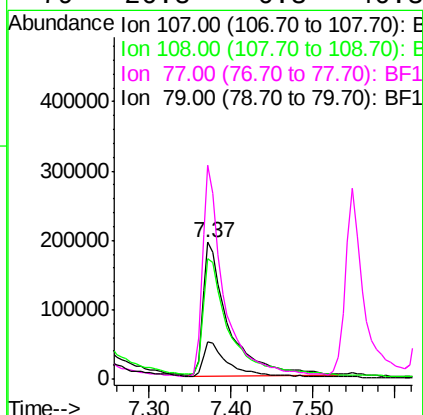
Instrument :
BNA_F
ClientSampleId :
PB111493BS

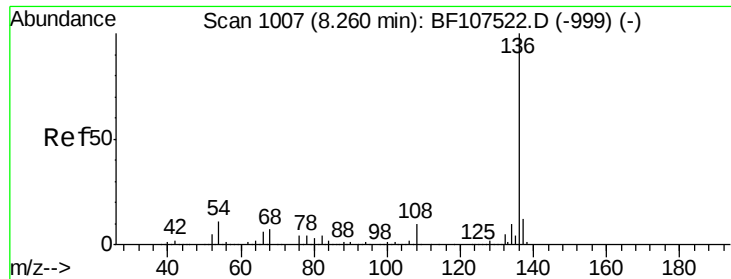
Tgt Ion:	70	Resp:	290753
Ion	Ratio	Lower	Upper
70	100		
42	62.1	47.5	71.3
101	9.4	7.4	11.2
130	20.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 36.560 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF107732.D
Acq: 27 Jul 2018 7:17

Tgt Ion:	107	Resp:	418741
Ion	Ratio	Lower	Upper
107	100		
108	88.4	68.2	108.2
77	156.2	26.7	66.7#
79	26.8	6.3	46.3

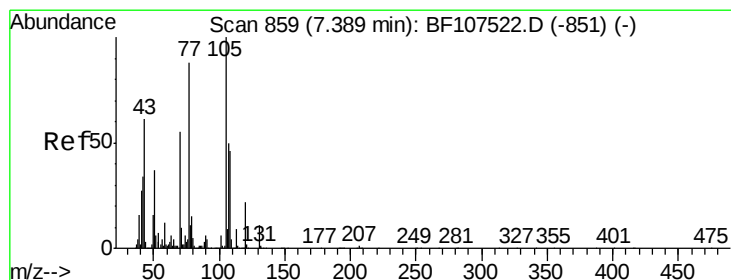
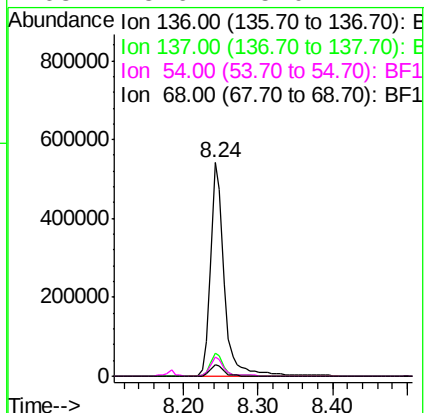
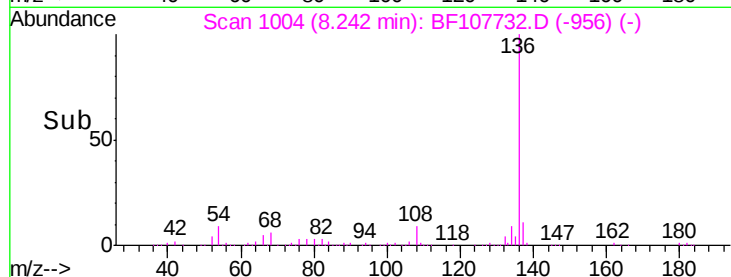
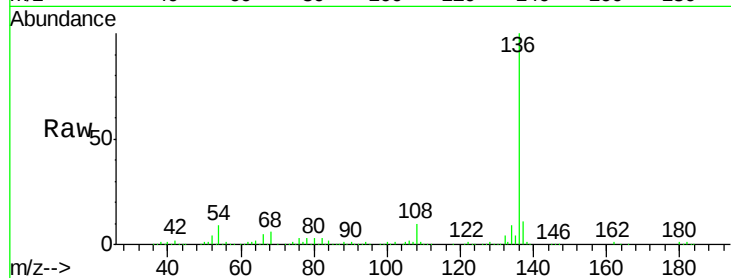




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107732.D
Acq: 27 Jul 2018 7:17

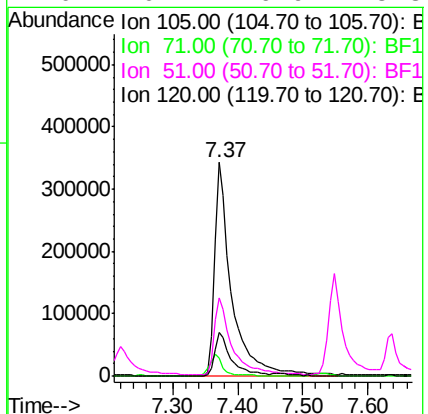
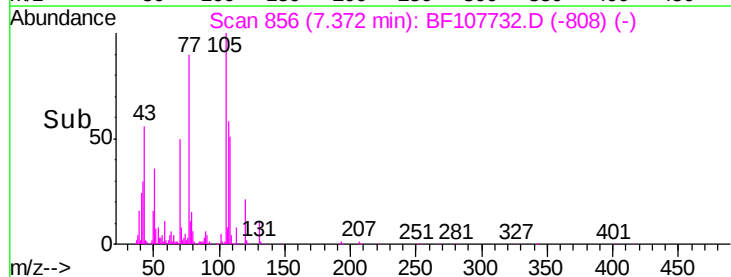
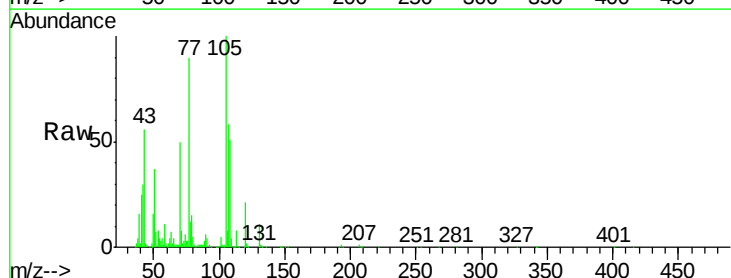
Instrument :
BNA_F
ClientSampleId :
PB111493BS

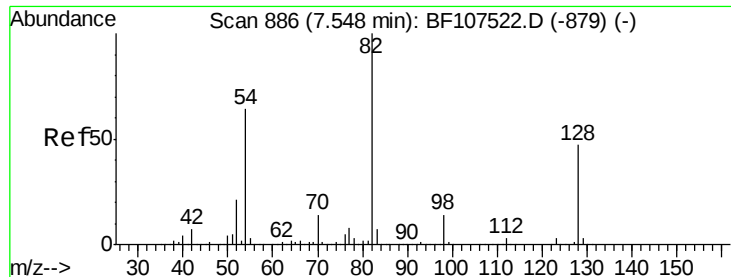
Tgt Ion:	136	Resp:	685708
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.9	6.6	9.8
68	5.6	5.0	7.4



#22
Acetophenone
Concen: 38.994 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.02 min
Lab File: BF107732.D
Acq: 27 Jul 2018 7:17

Tgt Ion:	105	Resp:	627957
Ion	Ratio	Lower	Upper
105	100		
71	8.4	4.4	6.6#
51	36.6	22.3	33.5#
120	20.7	16.9	25.3

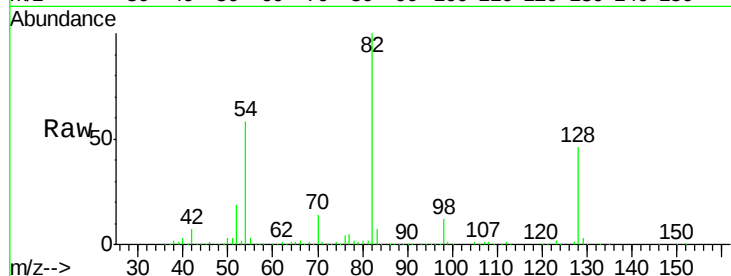




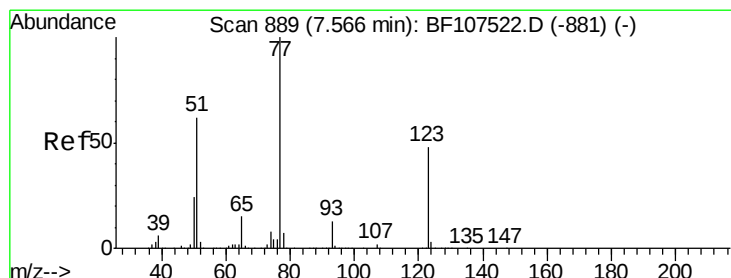
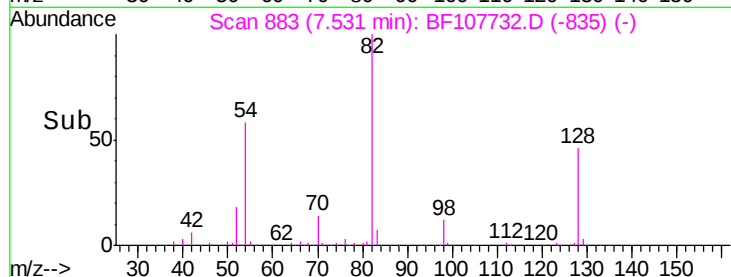
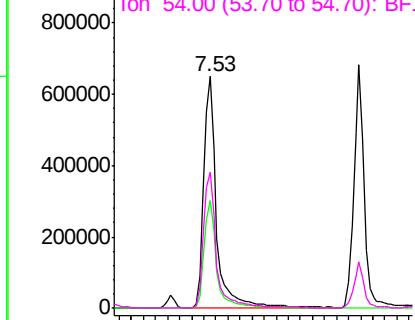
#23
 Nitrobenzene-d5
 Concen: 96.297 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF107732.D
 Acq: 27 Jul 2018 7:17

Instrument :
 BNA_F
 ClientSampleId :
 PB111493BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	58.5	41.4	62.2

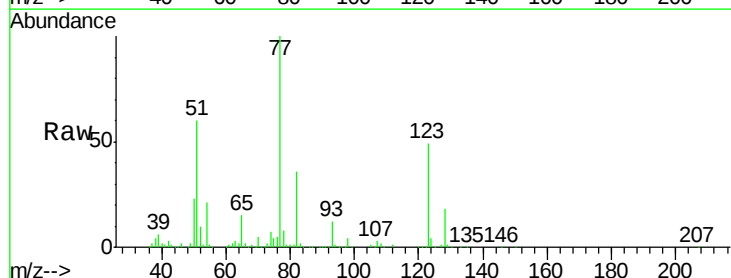


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

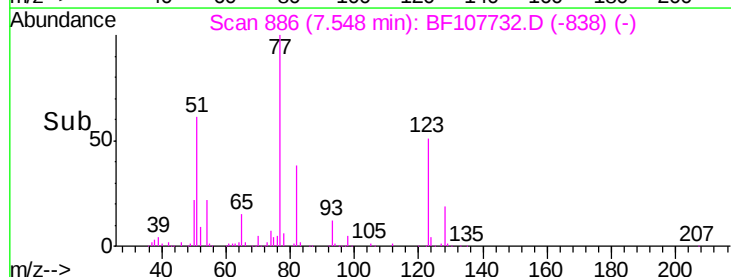
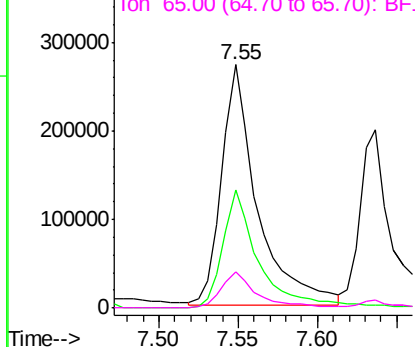


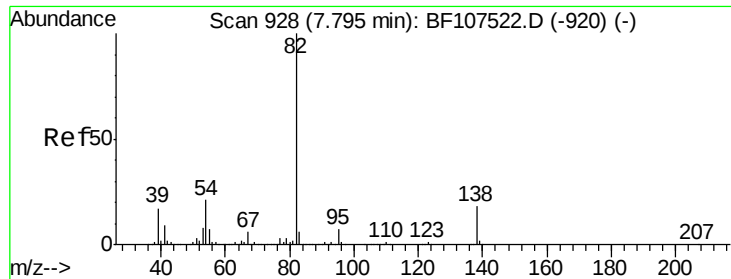
#24
 Nitrobenzene
 Concen: 36.191 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF107732.D
 Acq: 27 Jul 2018 7:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.5	37.9	56.9
65	15.2	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: 37.412 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

Instrument :

BNA_F

ClientSampleId :

PB111493BS

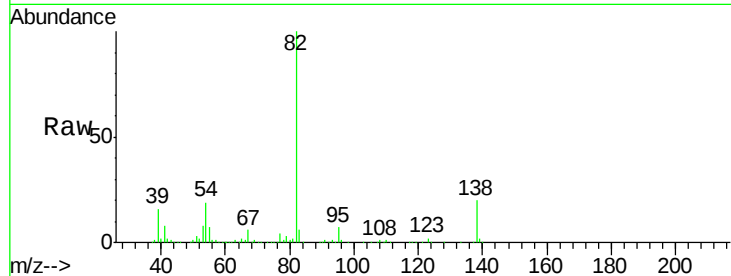
Tgt Ion: 82 Resp: 811640

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

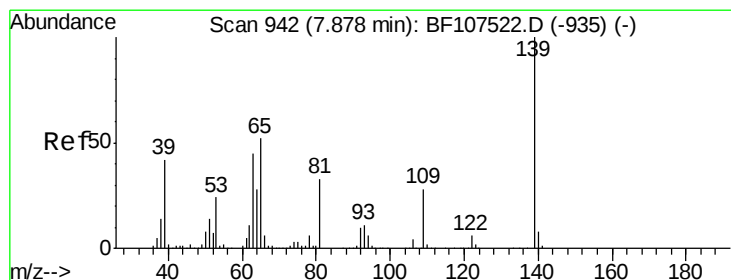
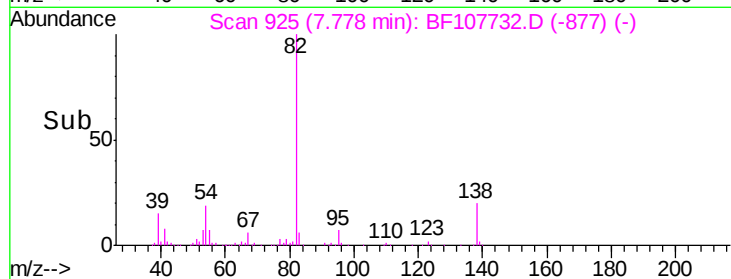
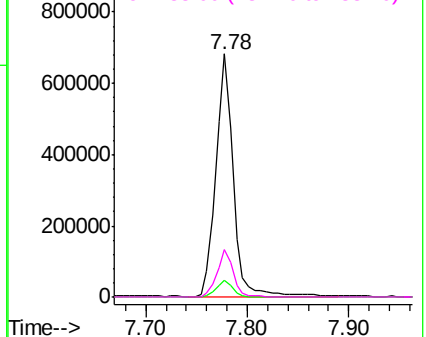
138 19.5 14.9 22.3



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



#26

2-Nitrophenol

Concen: 50.488 ng

RT: 7.87 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

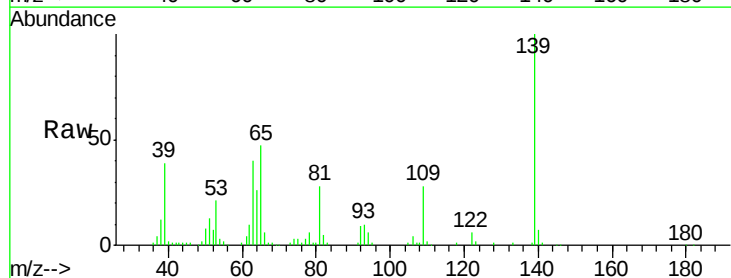
Tgt Ion: 139 Resp: 248119

Ion Ratio Lower Upper

139 100

109 27.5 22.7 34.1

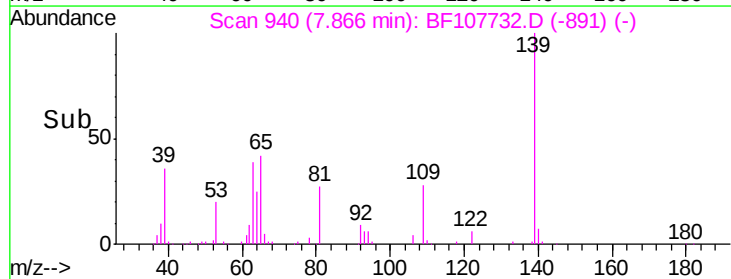
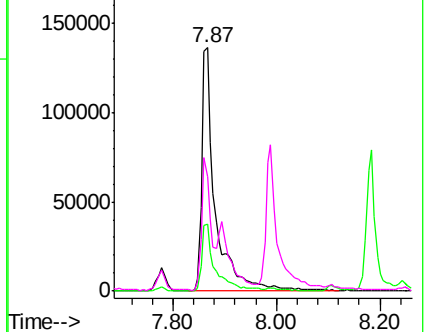
65 47.1 40.5 60.7

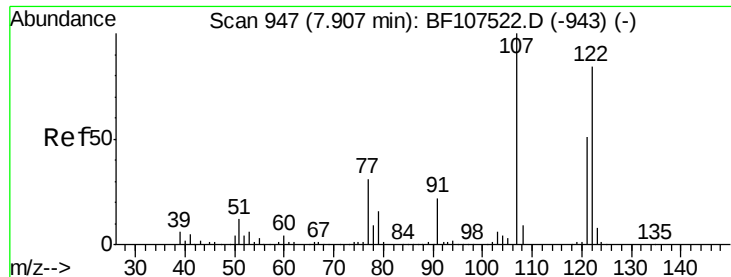


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

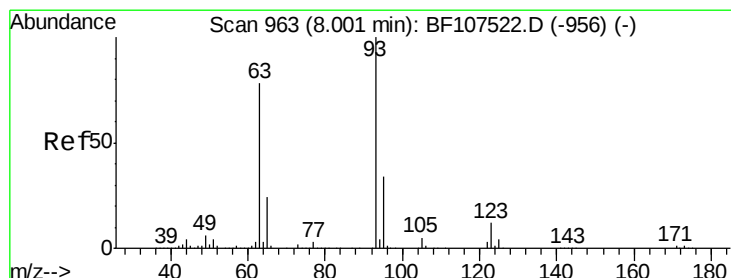
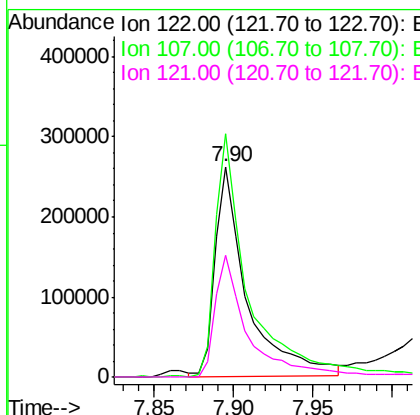
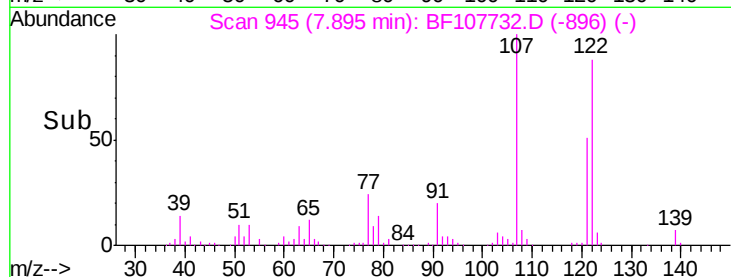
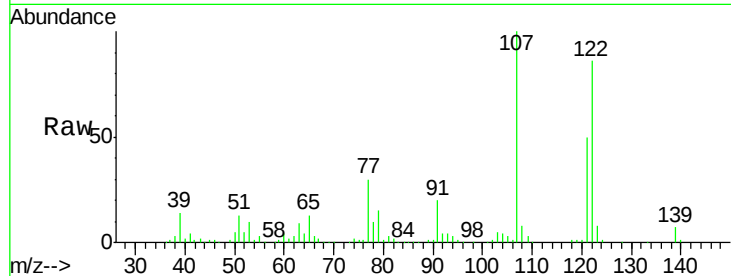




#27
2,4-Dimethylphenol
Concen: 39.560 ng
RT: 7.90 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF107732.D
Acq: 27 Jul 2018 7:17

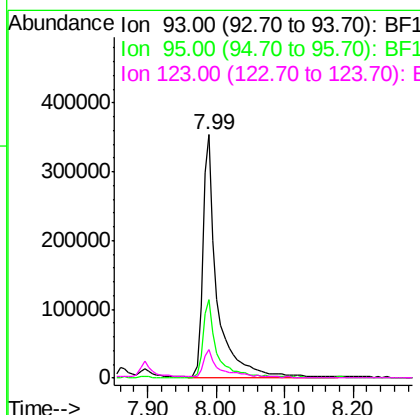
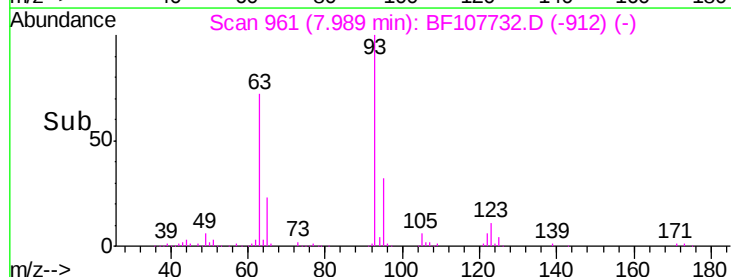
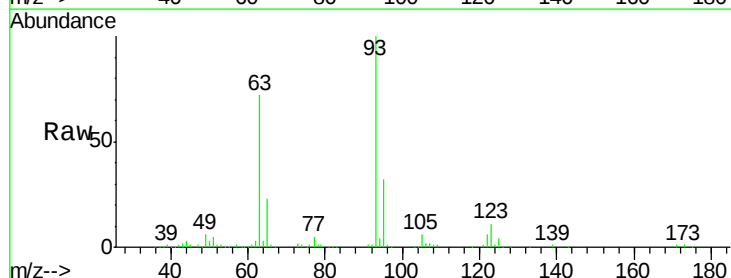
Instrument :
BNA_F
ClientSampleId :
PB111493BS

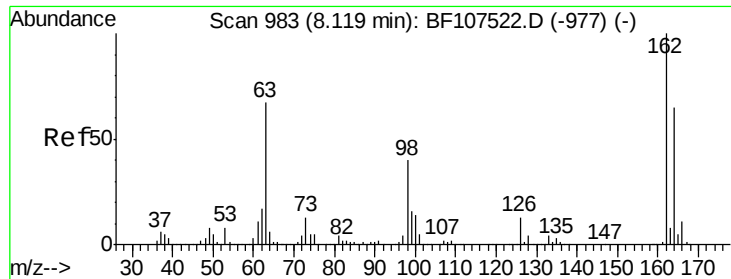
Tgt Ion:122 Resp: 368001
Ion Ratio Lower Upper
122 100
107 115.7 91.2 136.8
121 57.9 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 35.813 ng
RT: 7.99 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF107732.D
Acq: 27 Jul 2018 7:17

Tgt Ion: 93 Resp: 519228
Ion Ratio Lower Upper
93 100
95 32.0 26.3 39.5
123 11.5 9.8 14.6

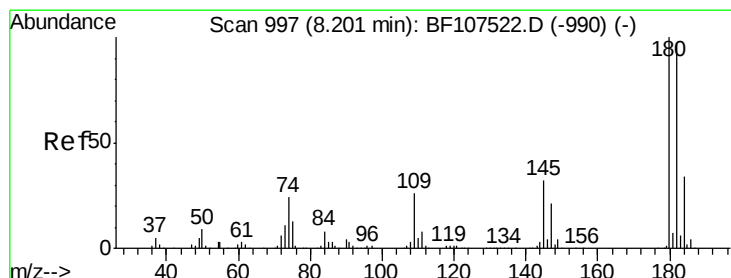
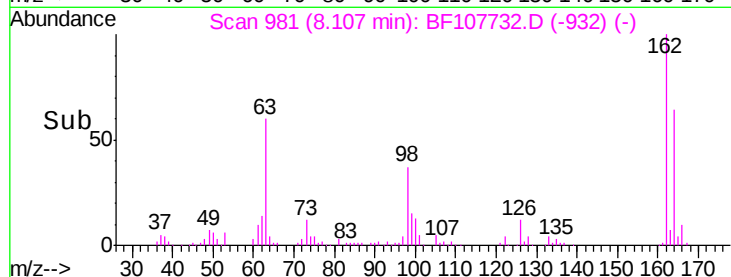
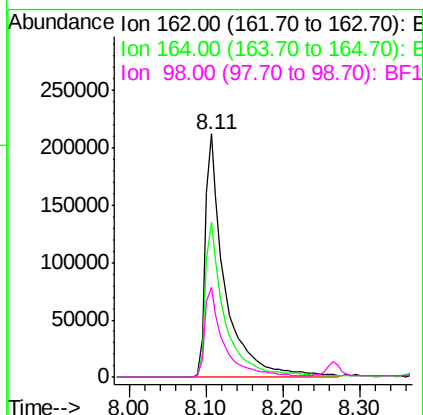
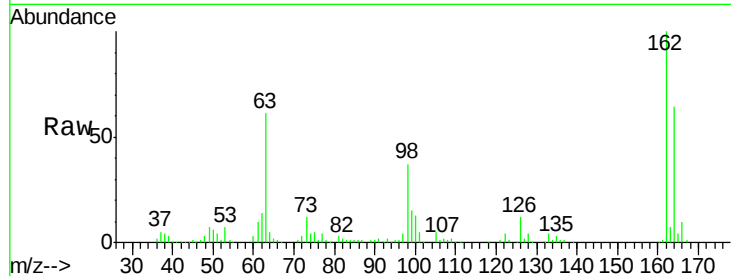




#29
2,4-Dichlorophenol
Concen: 39.162 ng
RT: 8.11 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF107732.D
Acq: 27 Jul 2018 7:17

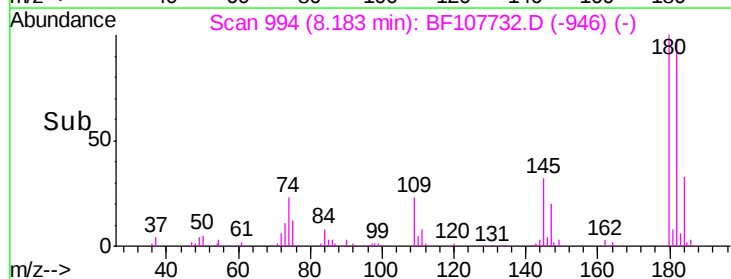
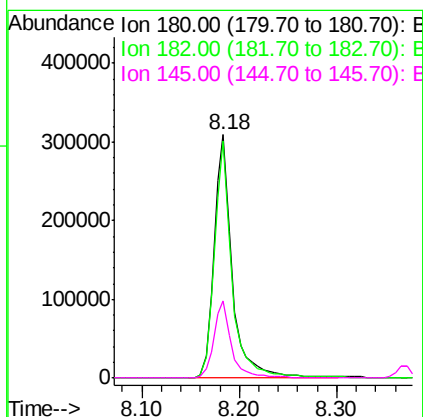
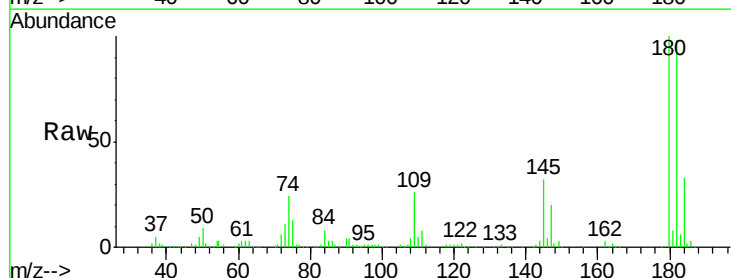
Instrument :
BNA_F
ClientSampleId :
PB111493BS

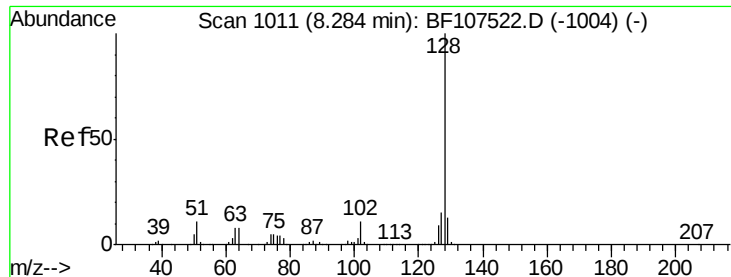
Tgt Ion:162 Resp: 372358
Ion Ratio Lower Upper
162 100
164 63.8 42.7 82.7
98 36.8 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 37.210 ng
RT: 8.18 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF107732.D
Acq: 27 Jul 2018 7:17

Tgt Ion:180 Resp: 397371
Ion Ratio Lower Upper
180 100
182 97.7 76.8 115.2
145 31.5 26.5 39.7

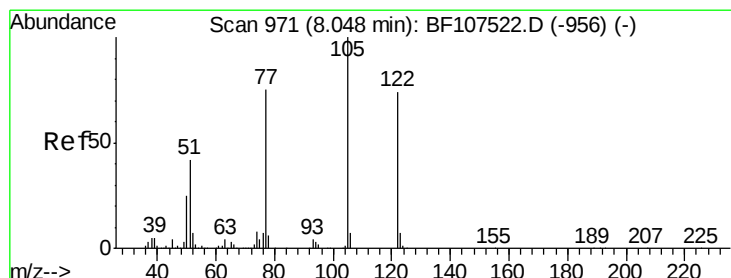
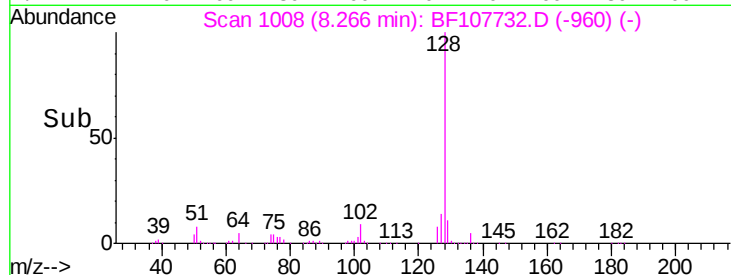
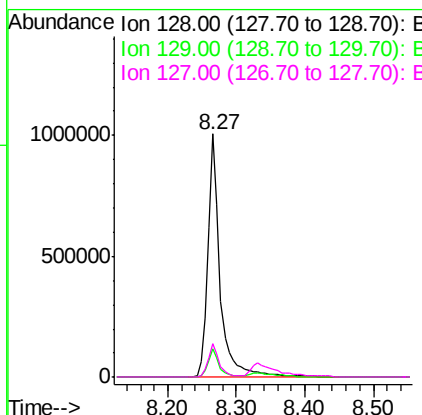
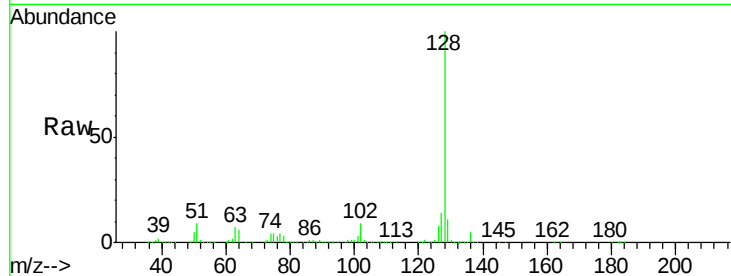




#31
Naphthalene
Concen: 42.814 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF107732.D
Acq: 27 Jul 2018 7:17

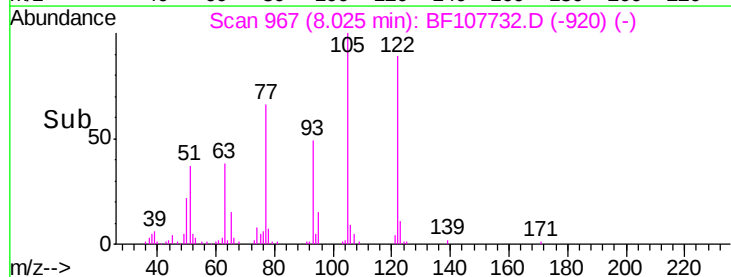
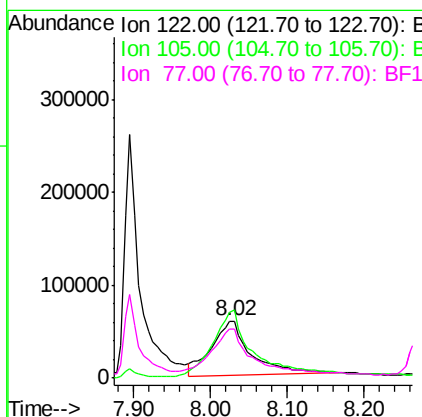
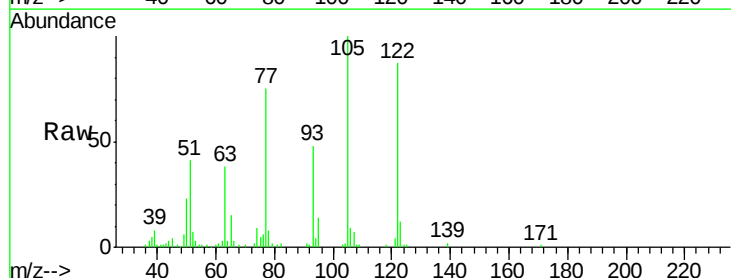
Instrument :
BNA_F
ClientSampleId :
PB111493BS

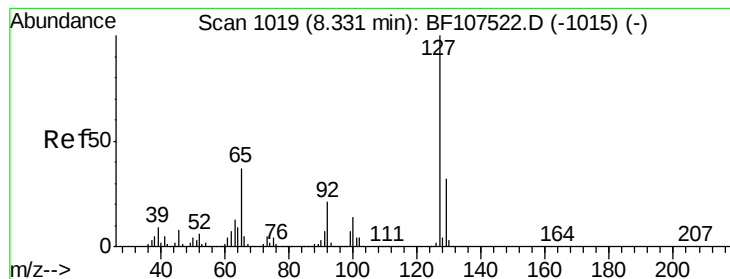
Tgt Ion:128 Resp: 1290985
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 34.730 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF107732.D
Acq: 27 Jul 2018 7:17

Tgt Ion:122 Resp: 208569
Ion Ratio Lower Upper
122 100
105 115.2 101.1 141.1
77 86.9 70.7 110.7





#33

4-Chloroaniline

Concen: 12.617 ng

RT: 8.33 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

Instrument :

BNA_F

ClientSampleId :

PB111493BS

Tgt Ion:127 Resp: 166291

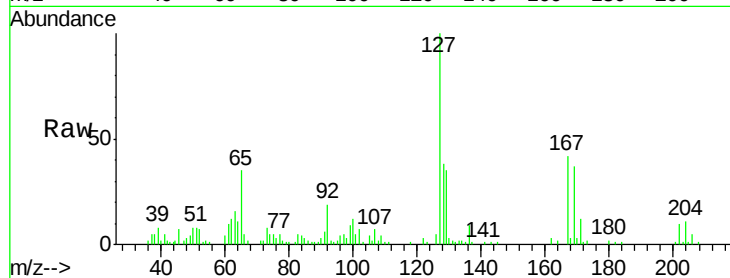
Ion Ratio Lower Upper

127 100

129 35.0 25.9 38.9

65 34.5 25.0 37.4

92 19.2 15.2 22.8

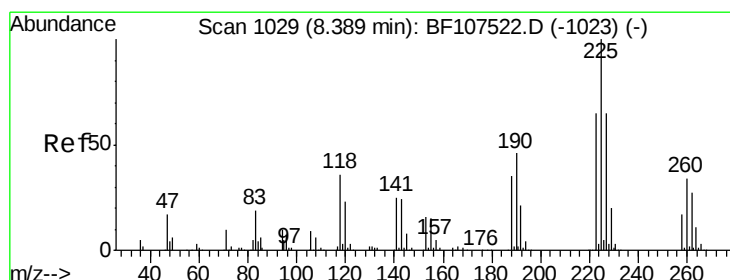
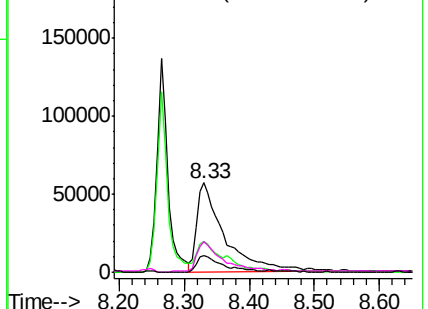
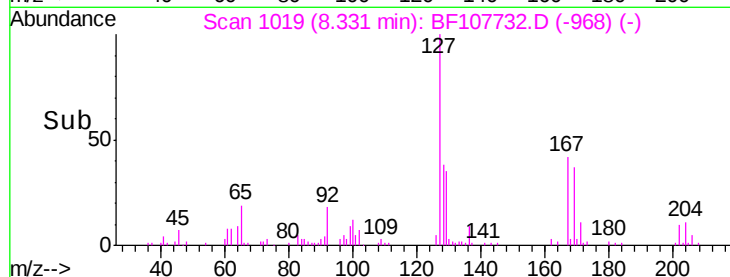


Abundance Ion 127.00 (126.70 to 127.70): E

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



#34

Hexachlorobutadiene

Concen: 37.452 ng

RT: 8.37 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

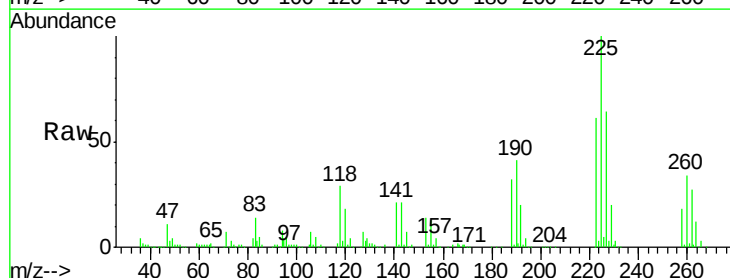
Tgt Ion:225 Resp: 237654

Ion Ratio Lower Upper

225 100

223 61.5 50.6 76.0

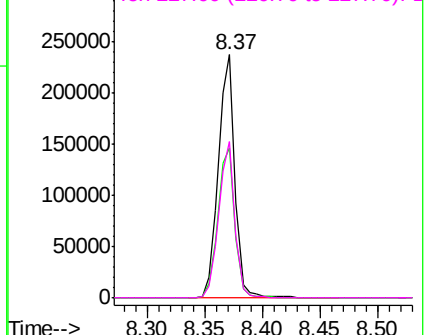
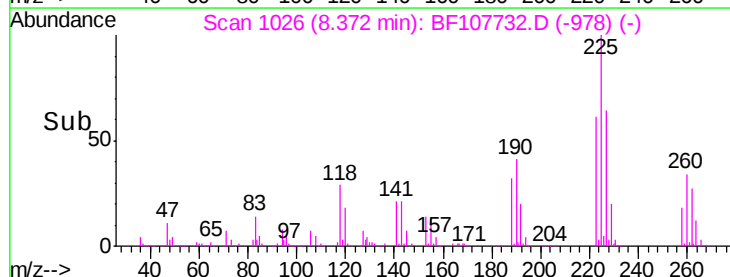
227 64.2 51.9 77.9

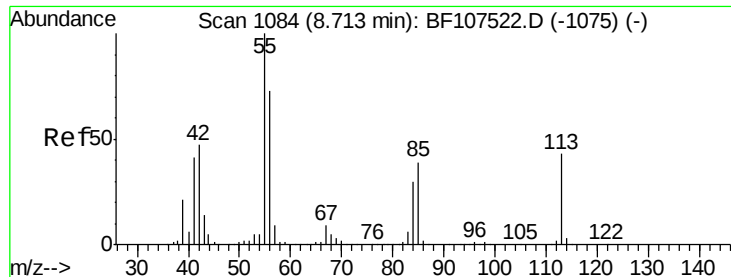


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

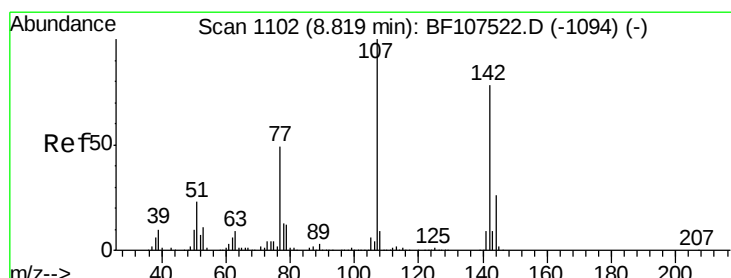
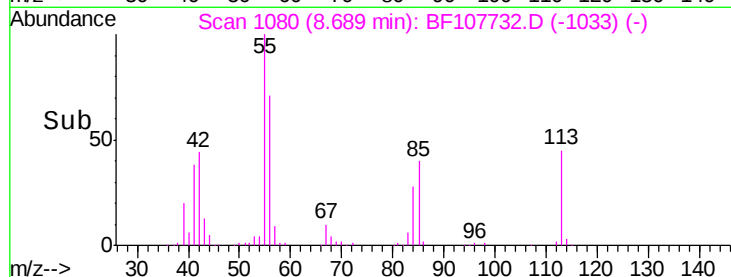
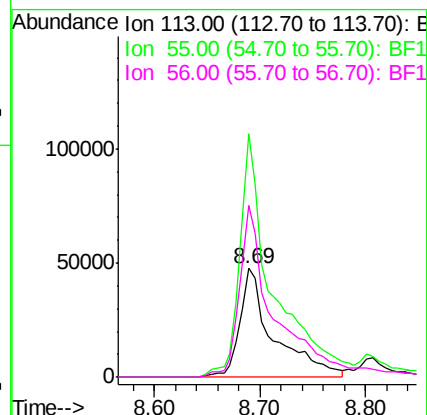
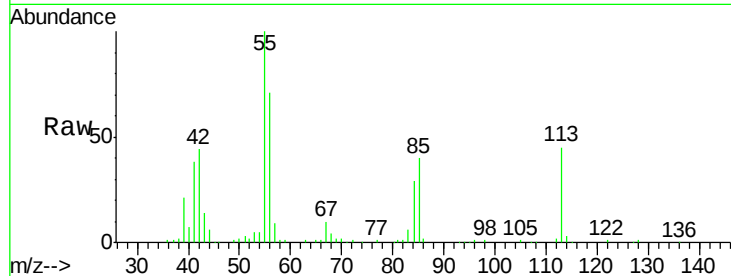




#35
 Caprolactam
 Concen: 34.148 ng
 RT: 8.69 min Scan# 1080
 Delta R.T. -0.02 min
 Lab File: BF107732.D
 Acq: 27 Jul 2018 7:17

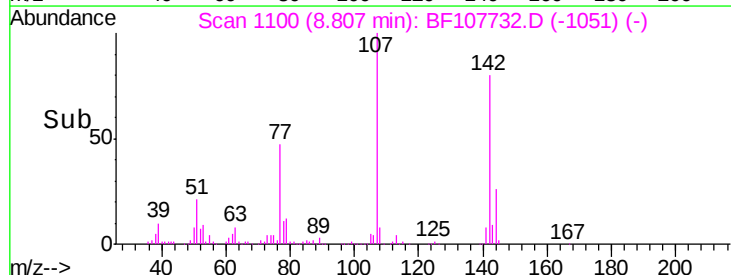
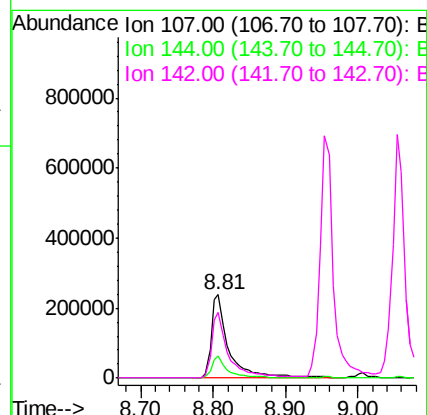
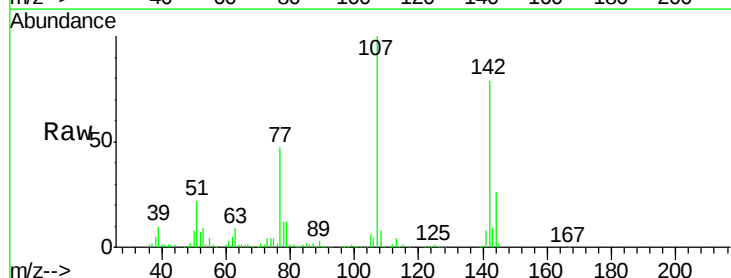
Instrument :
 BNA_F
 ClientSampleId :
 PB111493BS

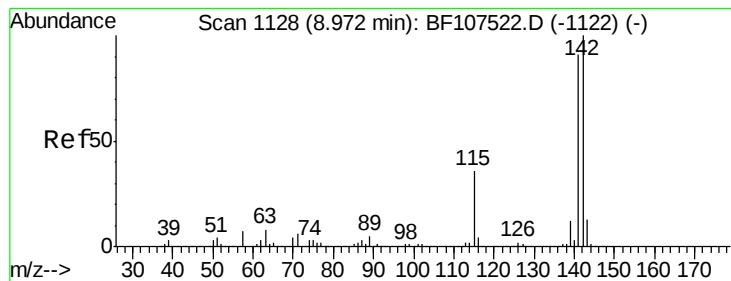
Tgt Ion:113 Resp: 105605
 Ion Ratio Lower Upper
 113 100
 55 223.7 163.3 203.3#
 56 158.2 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 38.105 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. -0.01 min
 Lab File: BF107732.D
 Acq: 27 Jul 2018 7:17

Tgt Ion:107 Resp: 402462
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.5 30.7
 142 79.3 62.0 93.0





#37

2-Methylnaphthalene

Concen: 42.239 ng

RT: 8.95 min Scan# 1125

Delta R.T. -0.02 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

Instrument :

BNA_F

ClientSampleId :

PB111493BS

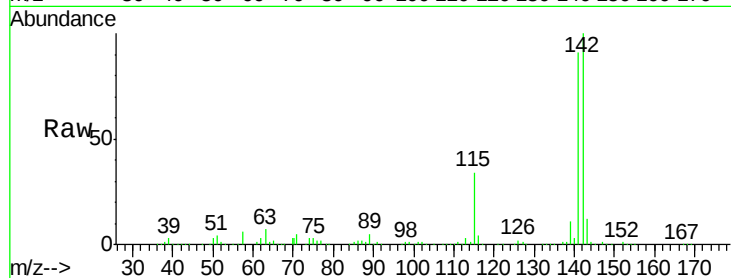
Tgt Ion:142 Resp: 882580

Ion Ratio Lower Upper

142 100

141 91.0 70.8 106.2

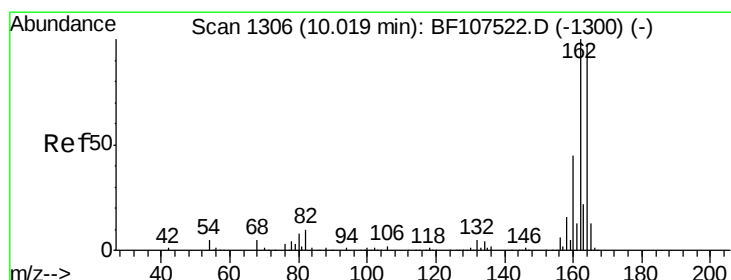
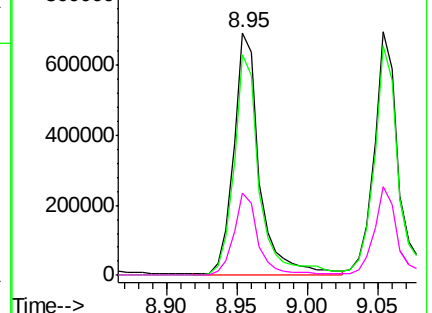
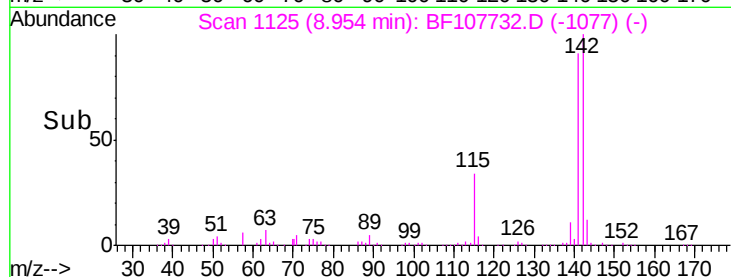
115 34.0 26.1 39.1



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: 10.00 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

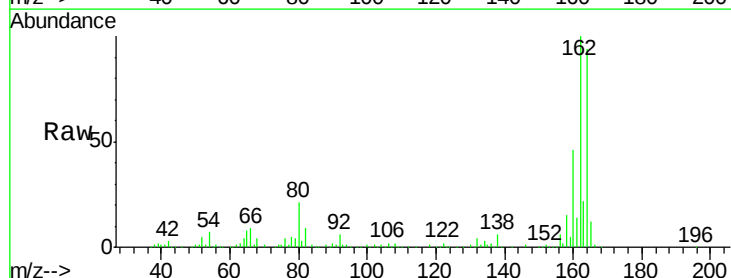
Tgt Ion:164 Resp: 308507

Ion Ratio Lower Upper

164 100

162 105.9 86.1 129.1

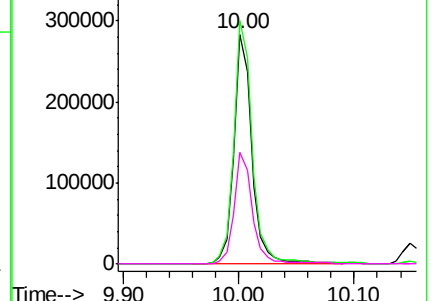
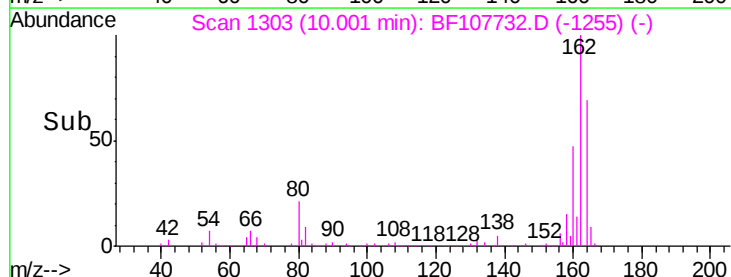
160 48.4 38.3 57.5

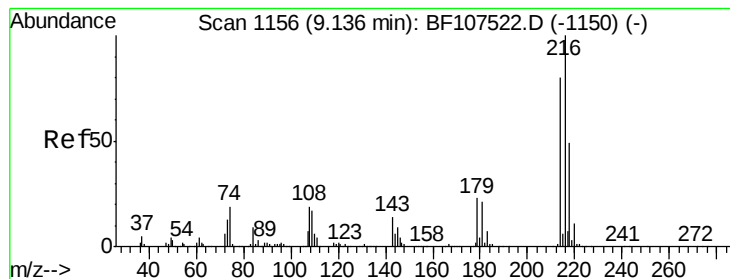


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.341 ng

RT: 9.12 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

Instrument :

BNA_F

ClientSampleId :

PB111493BS

Tgt Ion:216 Resp: 425402

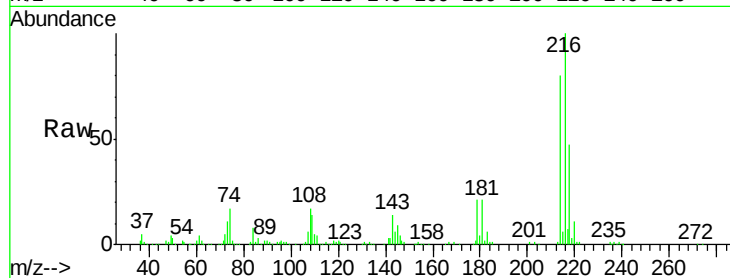
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 20.5 18.1 27.1

108 17.3 17.2 25.8

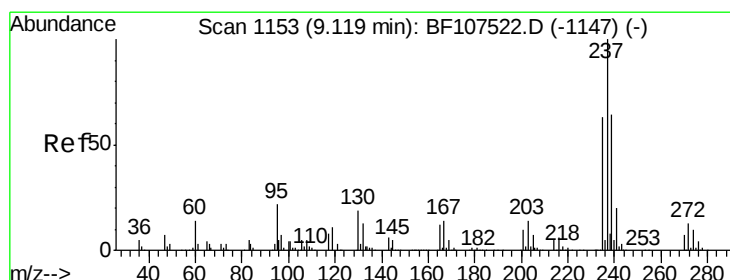
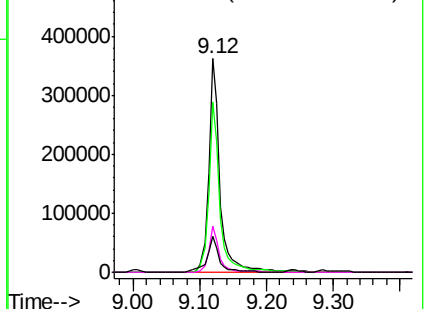
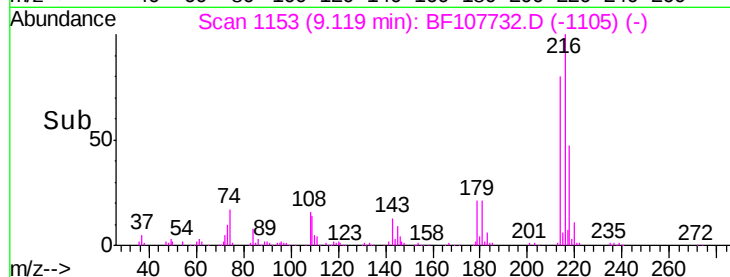


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 43.707 ng

RT: 9.10 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

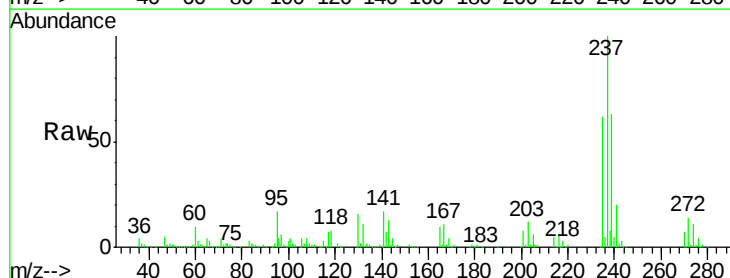
Tgt Ion:237 Resp: 228626

Ion Ratio Lower Upper

237 100

235 61.6 44.8 84.8

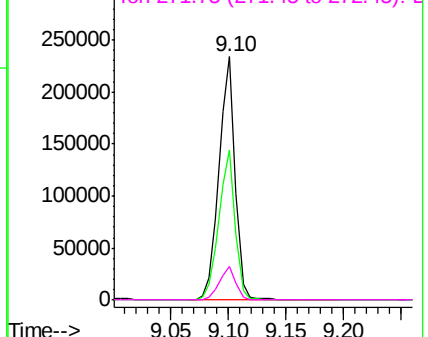
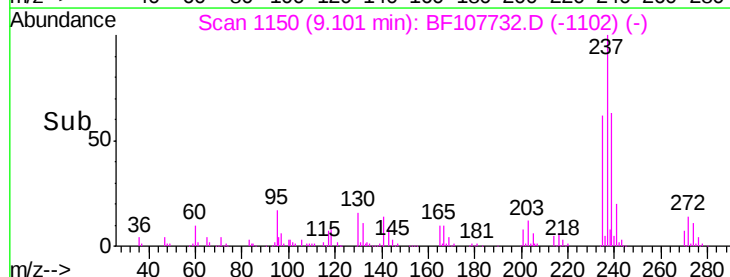
272 13.6 0.0 33.3

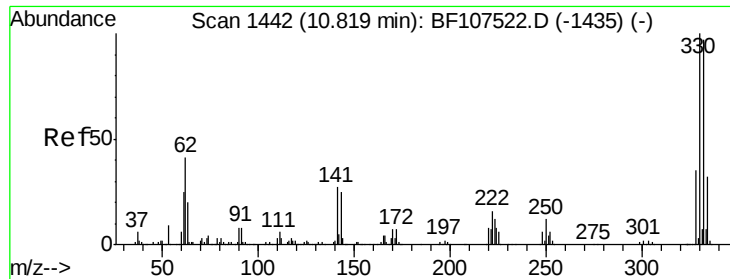


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

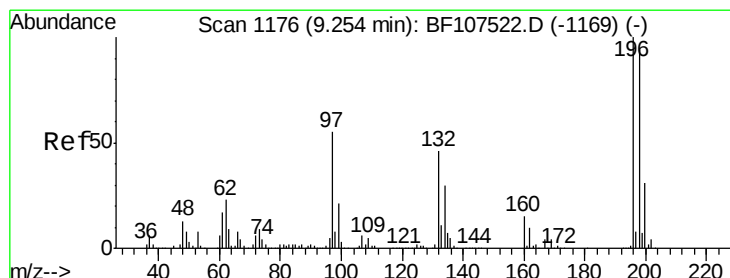
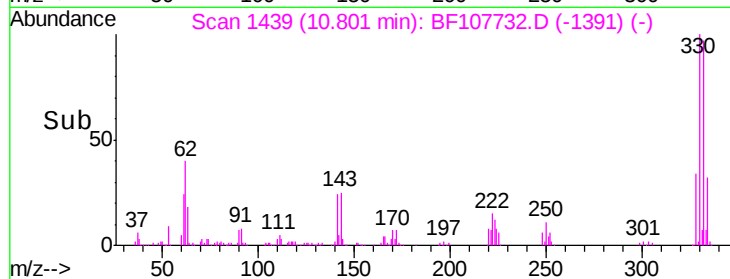
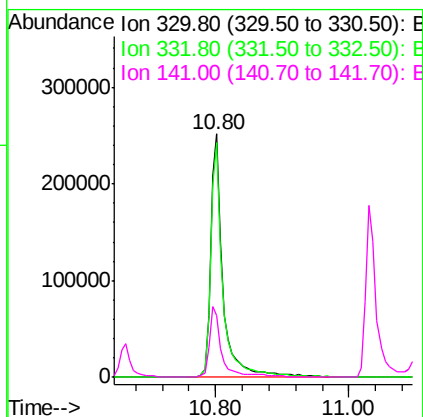
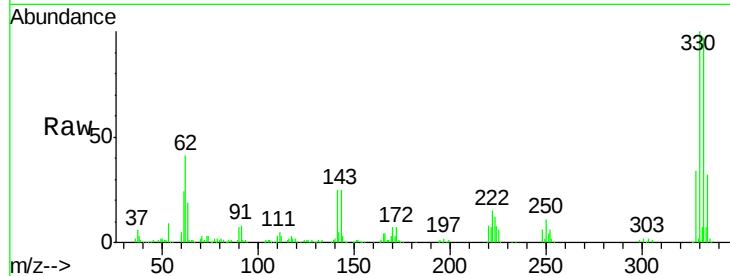




#41
 2,4,6-Tribromophenol
 Concen: 92.587 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107732.D
 Acq: 27 Jul 2018 7:17

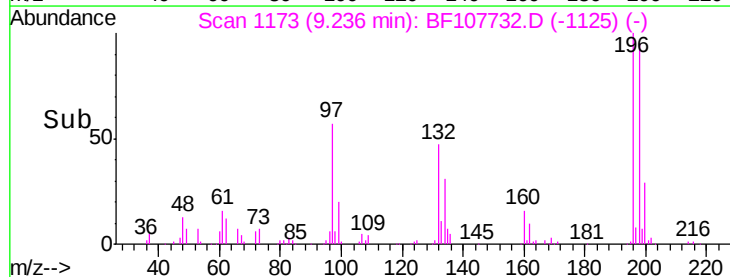
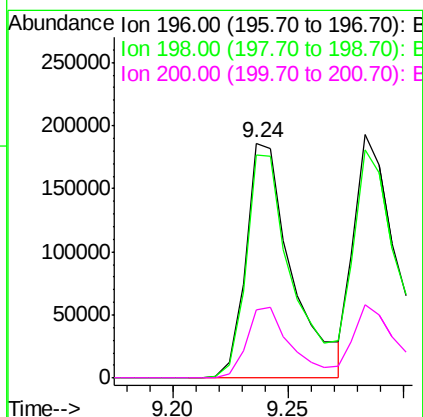
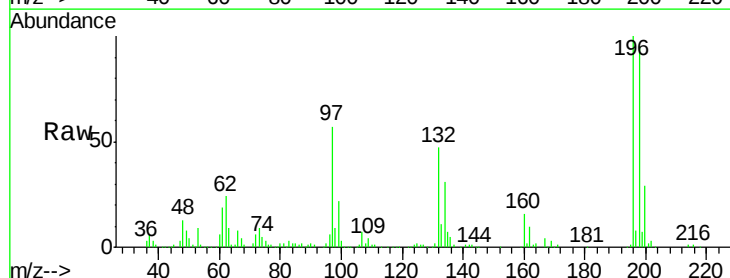
Instrument :
 BNA_F
 ClientSampleId :
 PB111493BS

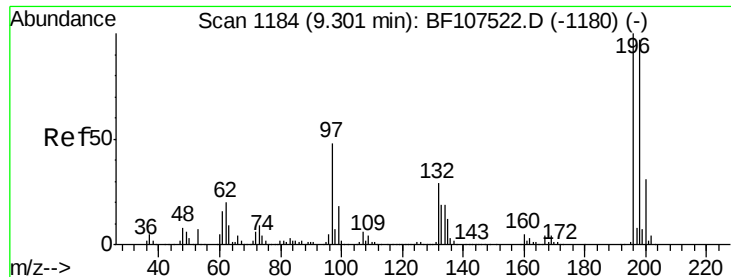
Tgt Ion:330 Resp: 324815
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 26.9 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 39.135 ng
 RT: 9.24 min Scan# 1173
 Delta R.T. -0.02 min
 Lab File: BF107732.D
 Acq: 27 Jul 2018 7:17

Tgt Ion:196 Resp: 257761
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.7 113.5
 200 28.9 24.5 36.7

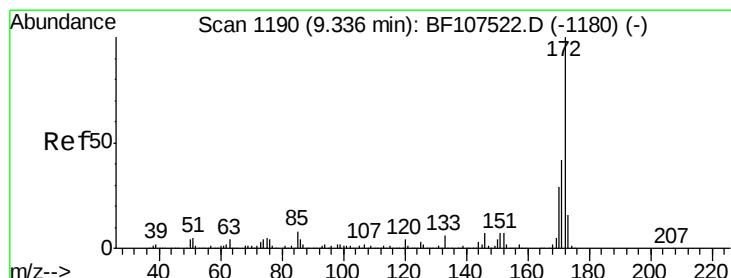
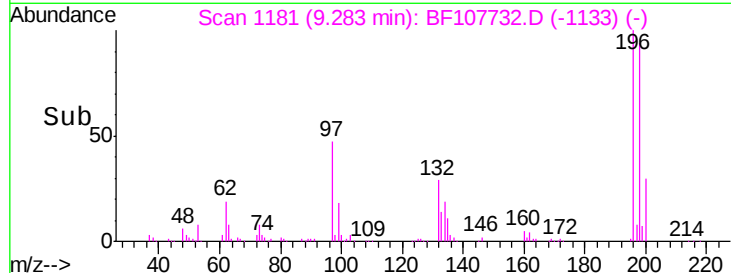
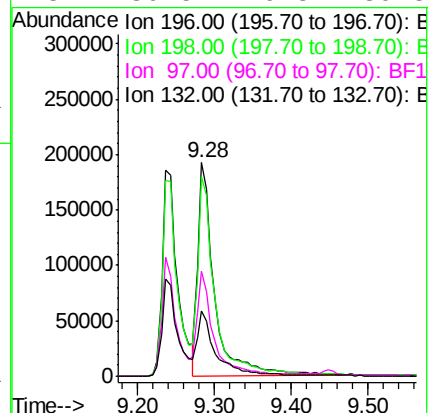
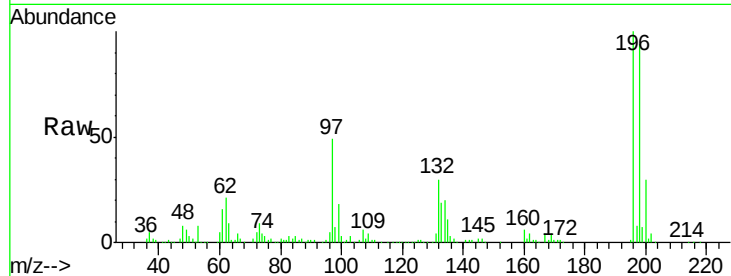




#43
 2,4,5-Trichlorophenol
 Concen: 42.380 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF107732.D
 Acq: 27 Jul 2018 7:17

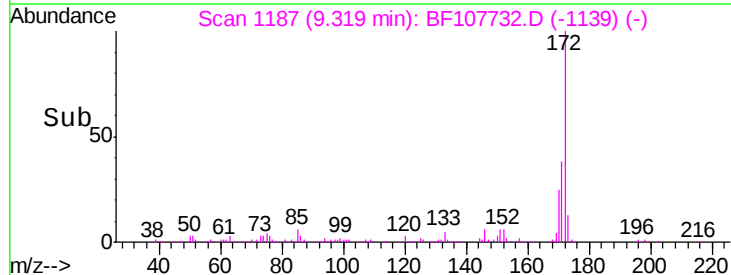
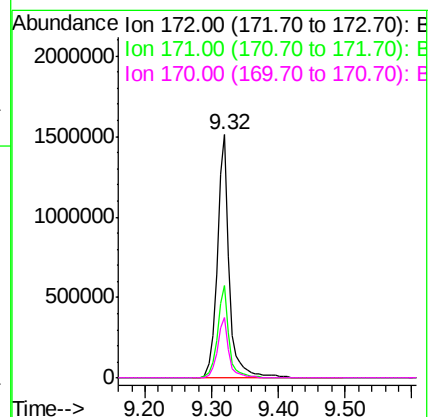
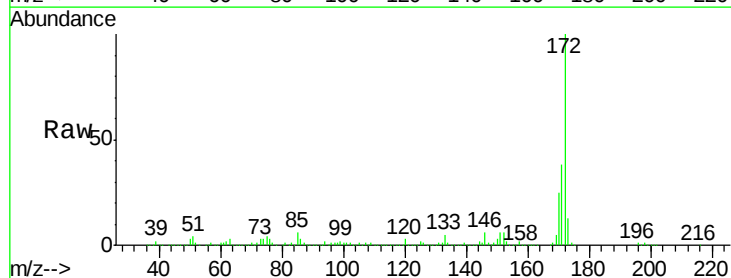
Instrument :
 BNA_F
 ClientSampleId :
 PB111493BS

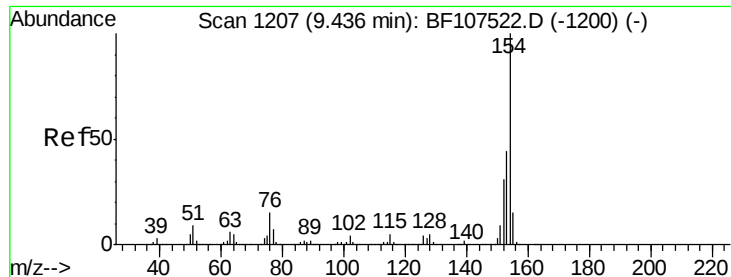
Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.8	74.6	112.0
97	49.3	42.9	64.3
132	30.5	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 118.073 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF107732.D
 Acq: 27 Jul 2018 7:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.7	44.5
170	25.0	19.6	29.4

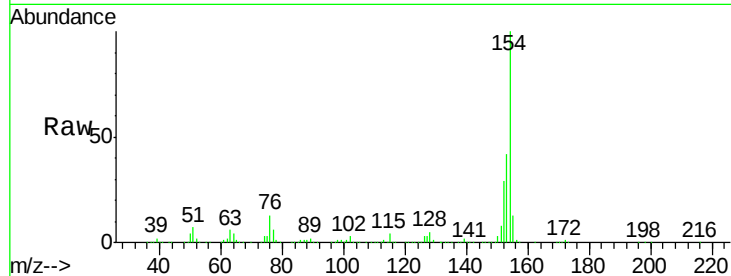




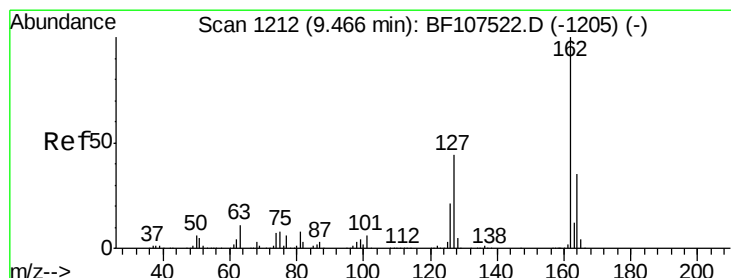
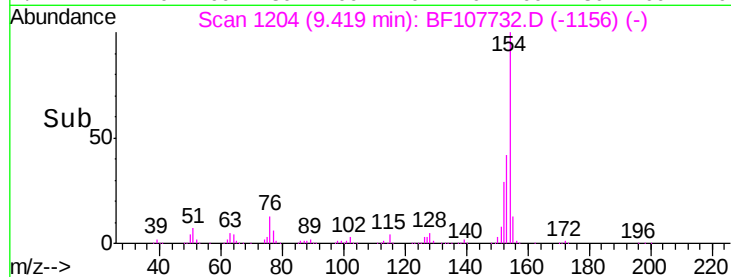
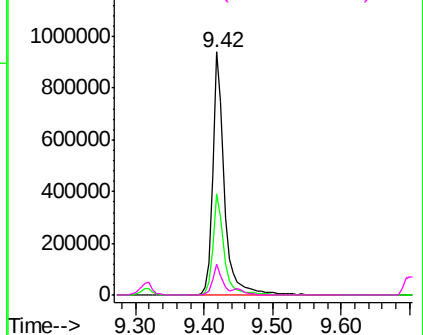
#45
 1,1'-Biphenyl
 Concen: 41.148 ng
 RT: 9.42 min Scan# 1204
 Delta R.T. -0.02 min
 Lab File: BF107732.D
 Acq: 27 Jul 2018 7:17

Instrument :
 BNA_F
 ClientSampleId :
 PB111493BS

Tgt Ion:154 Resp: 1105830
 Ion Ratio Lower Upper
 154 100
 153 41.7 21.3 61.3
 76 12.6 0.0 34.0

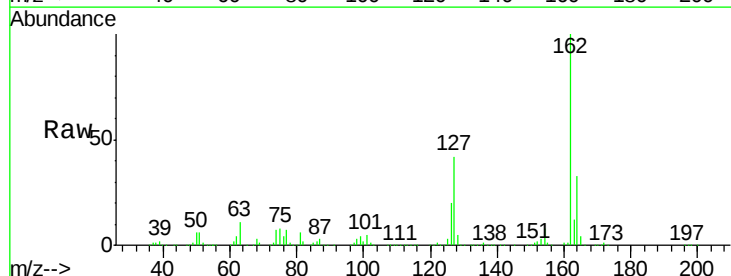


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

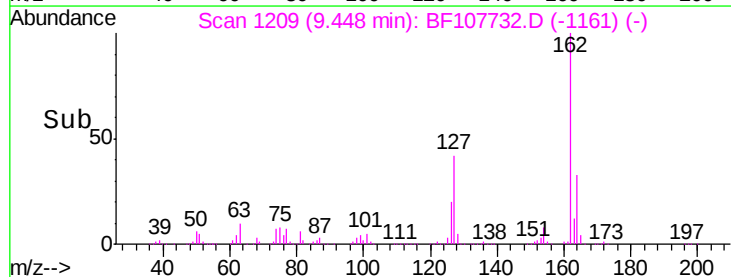
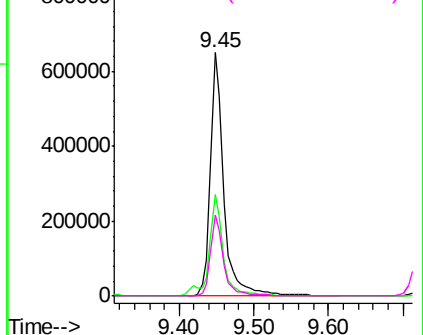


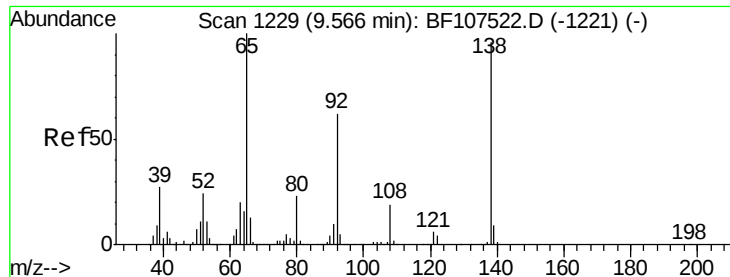
#46
 2-Chloronaphthalene
 Concen: 39.505 ng
 RT: 9.45 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF107732.D
 Acq: 27 Jul 2018 7:17

Tgt Ion:162 Resp: 811523
 Ion Ratio Lower Upper
 162 100
 127 41.8 33.9 50.9
 164 33.1 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

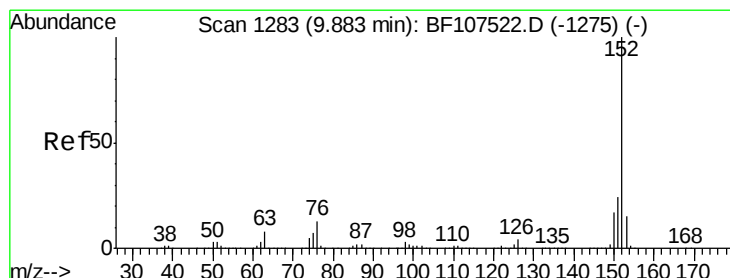
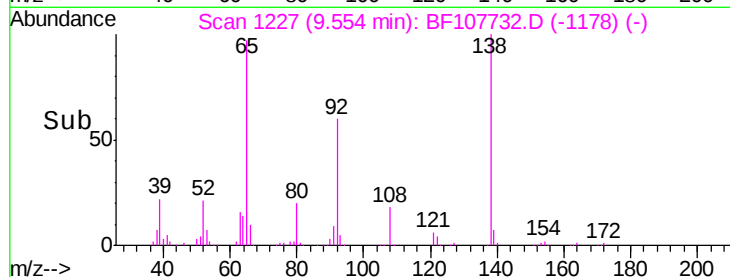
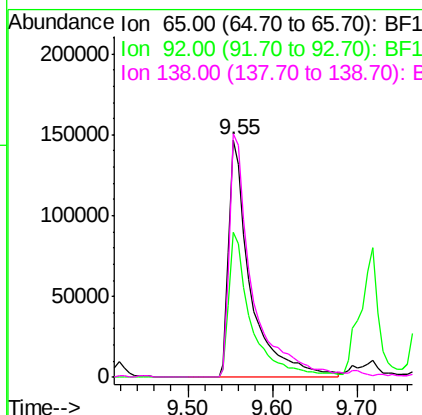
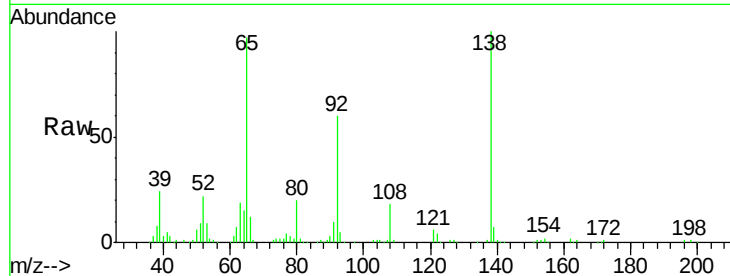




#47
2-Nitroaniline
Concen: 43.605 ng
RT: 9.55 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF107732.D
Acq: 27 Jul 2018 7:17

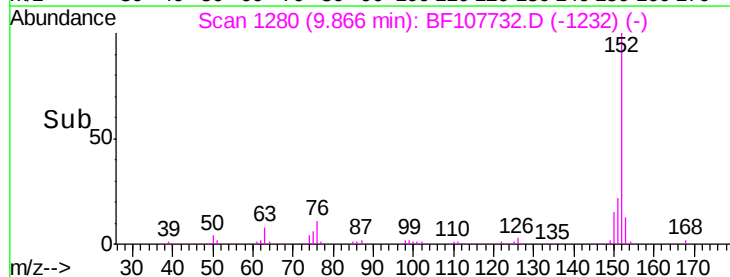
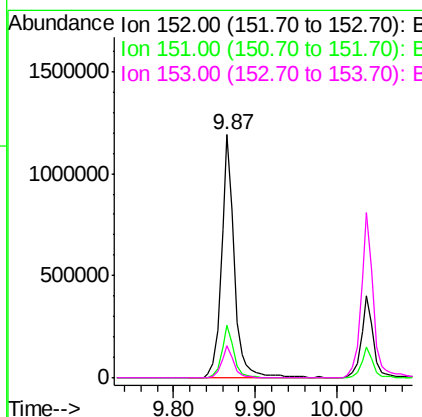
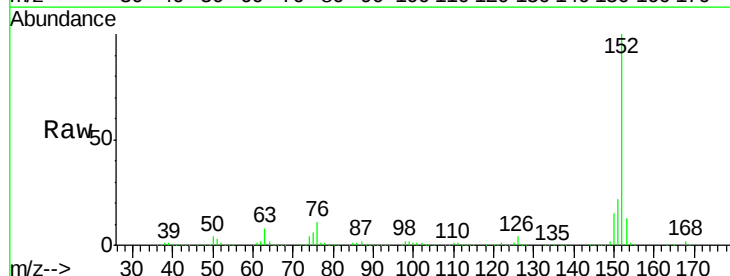
Instrument :
BNA_F
ClientSampleId :
PB111493BS

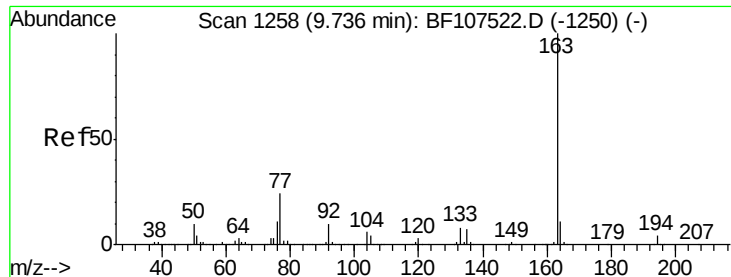
Tgt Ion: 65 Resp: 261140
Ion Ratio Lower Upper
65 100
92 61.1 55.8 83.6
138 102.6 91.2 136.8



#48
Acenaphthylene
Concen: 42.452 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF107732.D
Acq: 27 Jul 2018 7:17

Tgt Ion: 152 Resp: 1309990
Ion Ratio Lower Upper
152 100
151 21.5 16.3 24.5
153 13.5 10.7 16.1

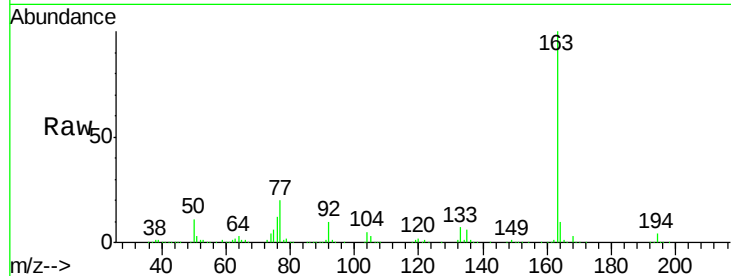




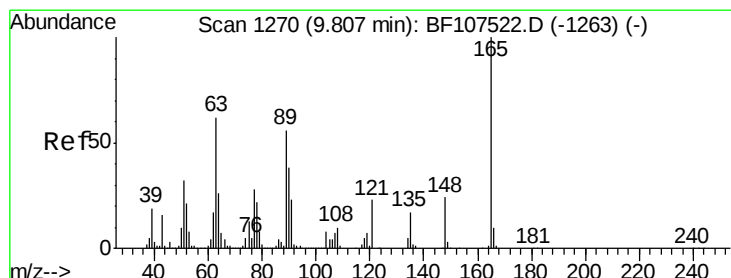
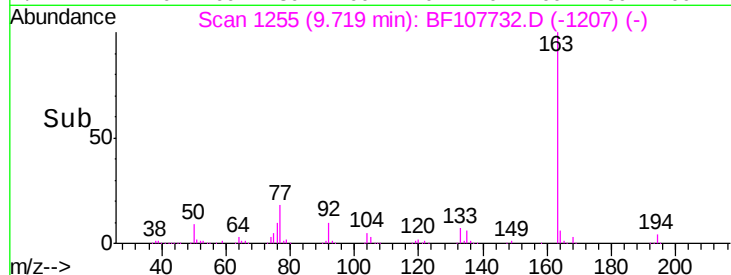
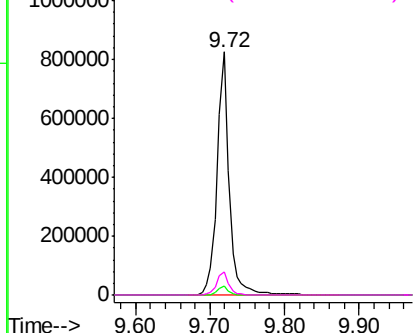
#49
Dimethylphthalate
Concen: 40.398 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF107732.D
Acq: 27 Jul 2018 7:17

Instrument :
BNA_F
ClientSampleId :
PB111493BS

Tgt Ion:163 Resp: 939300
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.9 8.2 12.2

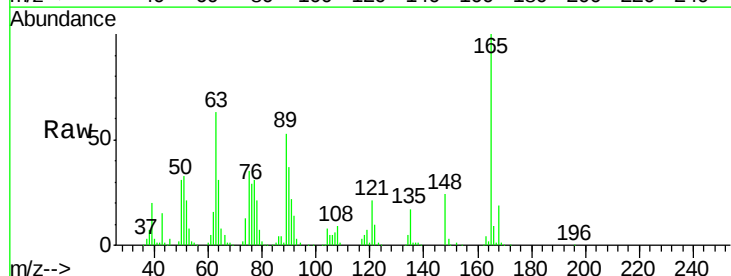


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

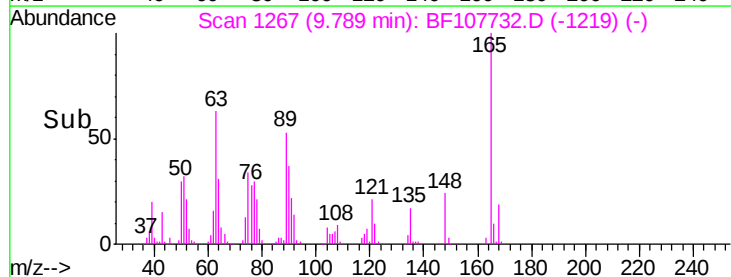
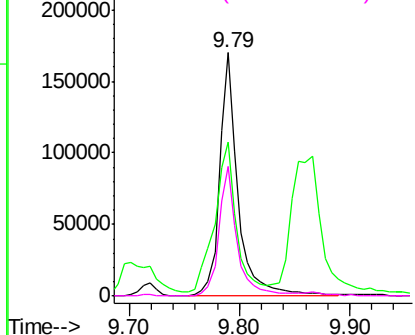


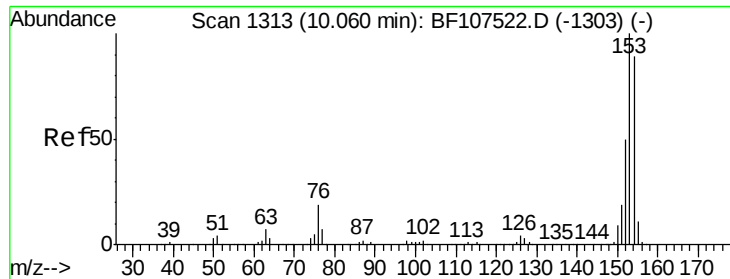
#50
2,6-Dinitrotoluene
Concen: 43.084 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF107732.D
Acq: 27 Jul 2018 7:17

Tgt Ion:165 Resp: 198887
Ion Ratio Lower Upper
165 100
63 63.4 44.7 67.1
89 53.2 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: 37.280 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

Instrument :

BNA_F

ClientSampleId :

PB111493BS

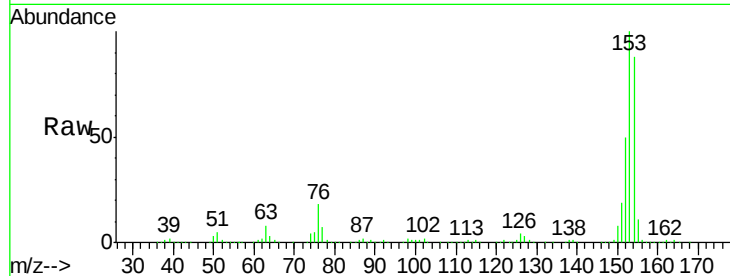
Tgt Ion:154 Resp: 720787

Ion Ratio Lower Upper

154 100

153 113.9 91.2 136.8

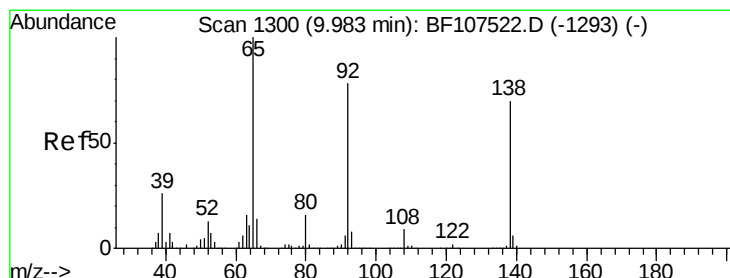
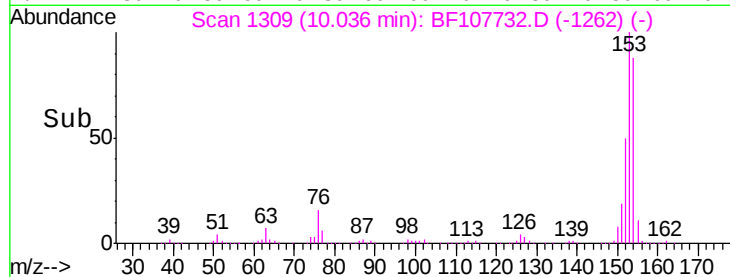
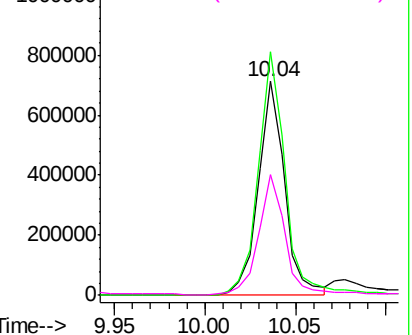
152 56.7 43.8 65.8



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



#52

3-Nitroaniline

Concen: 20.419 ng

RT: 9.97 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

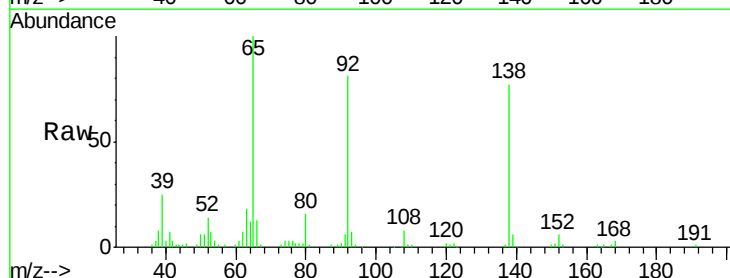
Tgt Ion:138 Resp: 114674

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

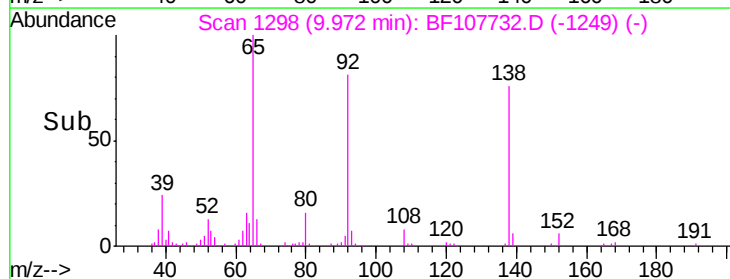
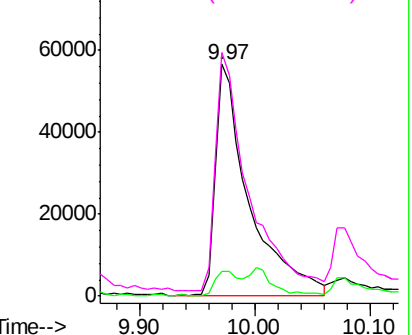
92 105.0 89.4 134.2

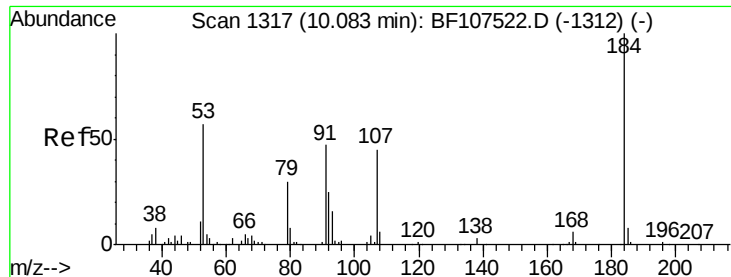


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

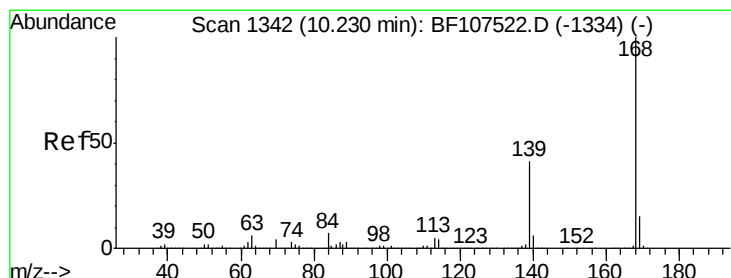
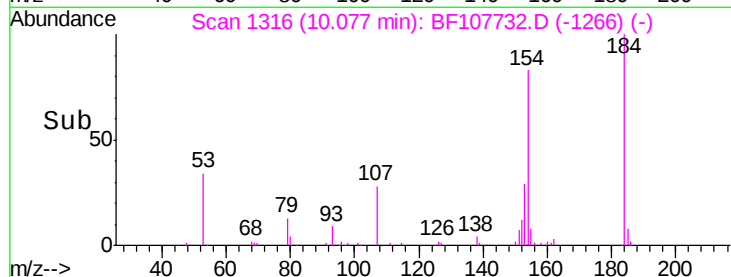
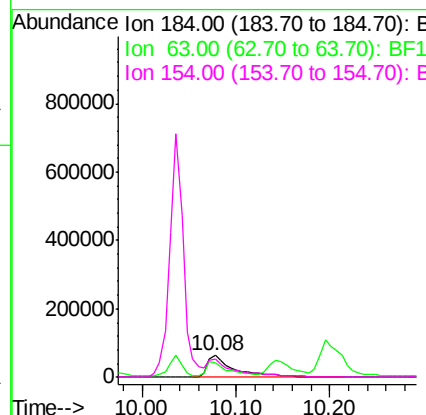
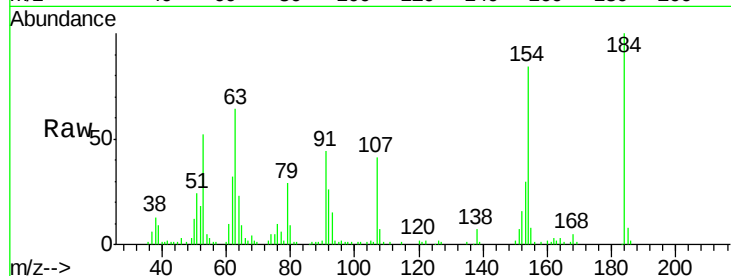




#53
2,4-Dinitrophenol
Concen: 66.836 ng
RT: 10.08 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF107732.D
Acq: 27 Jul 2018 7:17

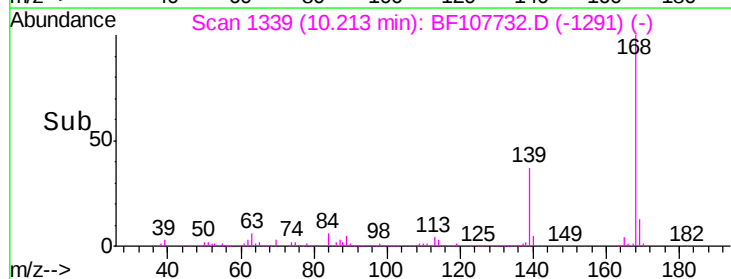
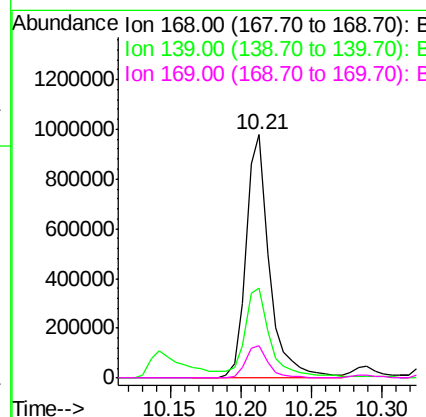
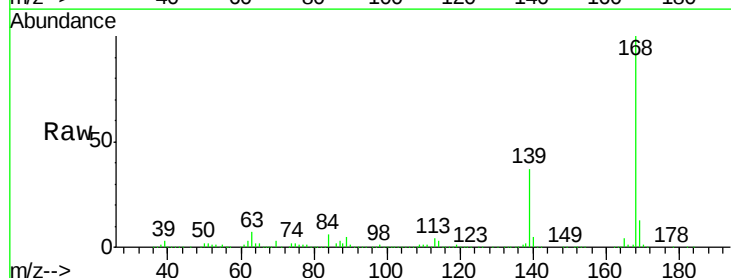
Instrument :
BNA_F
ClientSampleId :
PB111493BS

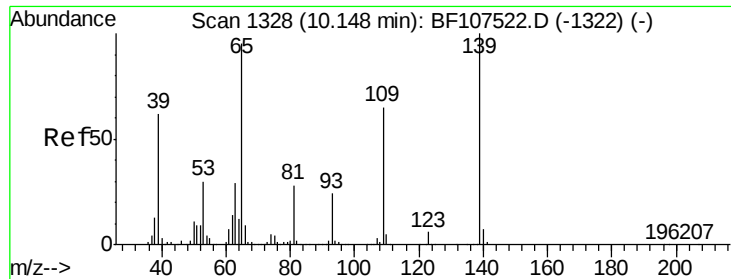
Tgt Ion:184 Resp: 132967
Ion Ratio Lower Upper
184 100
63 63.7 54.2 81.2
154 84.0 184.0 276.0#



#54
Dibenzofuran
Concen: 39.871 ng
RT: 10.21 min Scan# 1339
Delta R.T. -0.02 min
Lab File: BF107732.D
Acq: 27 Jul 2018 7:17

Tgt Ion:168 Resp: 1134902
Ion Ratio Lower Upper
168 100
139 36.9 30.1 45.1
169 13.2 10.9 16.3

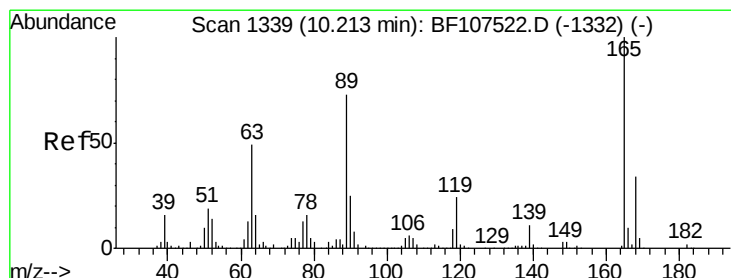
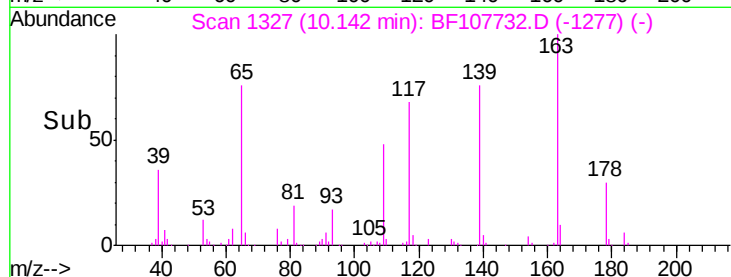
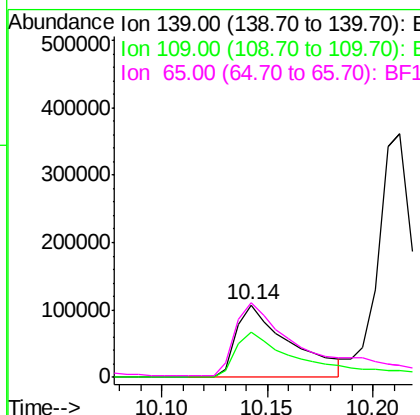
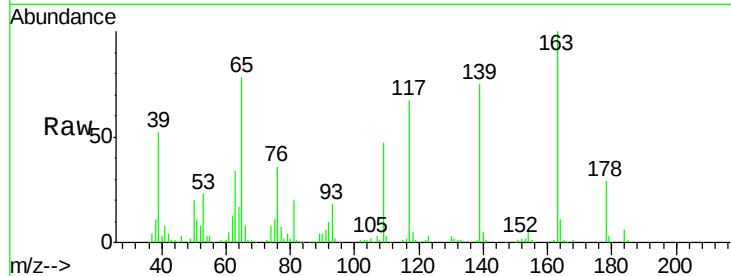




#55
4-Nitrophenol
Concen: 45.131 ng
RT: 10.14 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF107732.D
Acq: 27 Jul 2018 7:17

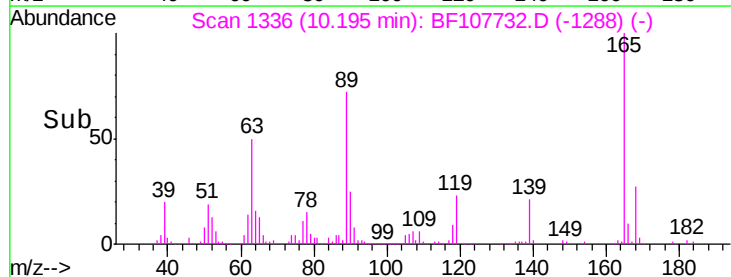
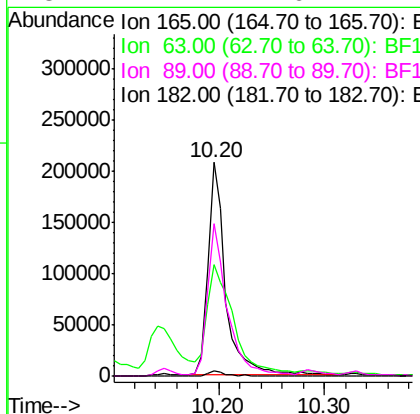
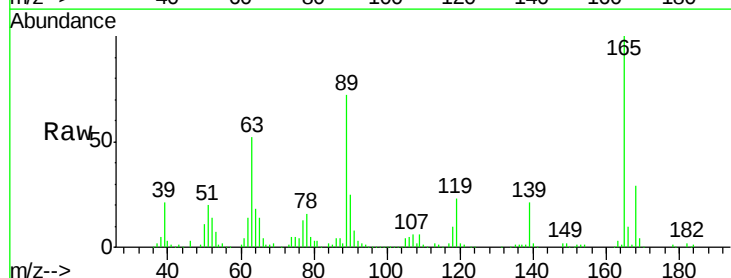
Instrument :
BNA_F
ClientSampleId :
PB111493BS

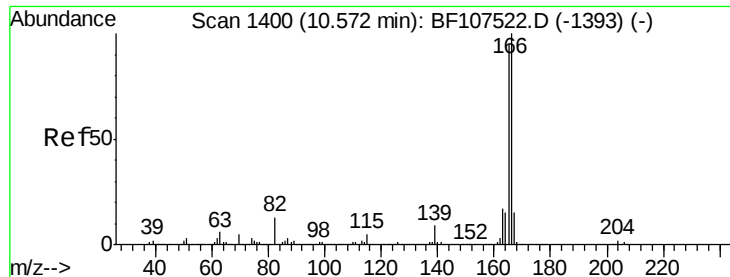
Tgt Ion:139 Resp: 189762
Ion Ratio Lower Upper
139 100
109 62.4 48.4 88.4
65 103.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 43.591 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF107732.D
Acq: 27 Jul 2018 7:17

Tgt Ion:165 Resp: 242904
Ion Ratio Lower Upper
165 100
63 51.9 36.4 54.6
89 71.6 57.8 86.6
182 2.4 1.6 2.4





#57

Fluorene

Concen: 43.677 ng

RT: 10.55 min Scan# 1397

Delta R.T. -0.02 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

Instrument :

BNA_F

ClientSampleId :

PB111493BS

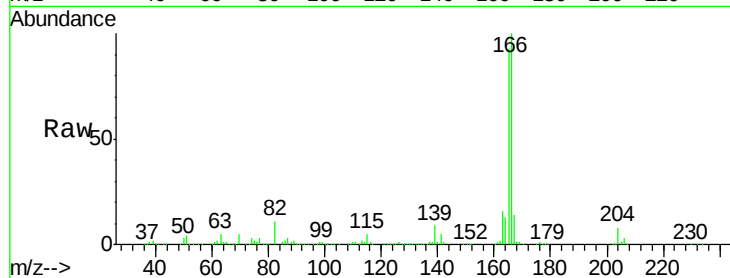
Tgt Ion:166 Resp: 886945

Ion Ratio Lower Upper

166 100

165 93.4 79.8 119.8

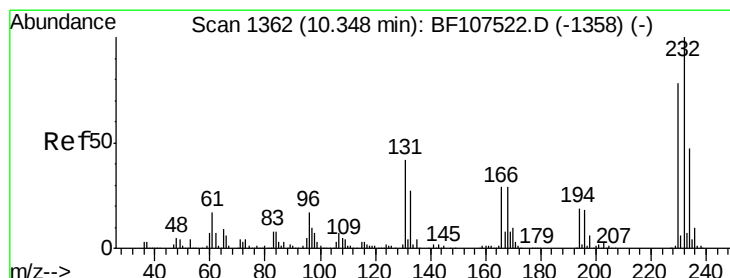
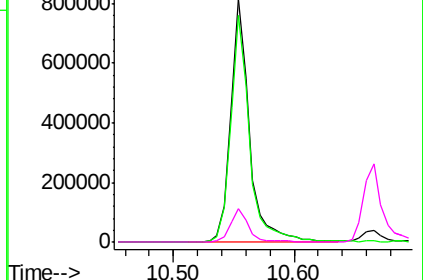
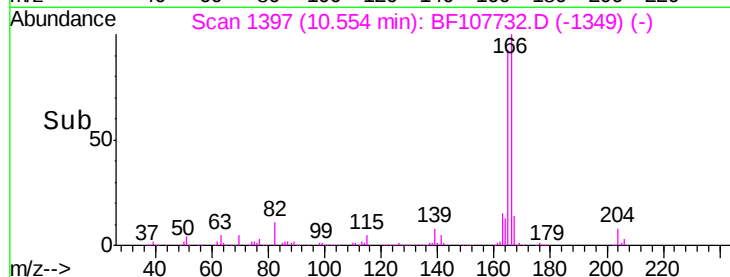
167 13.6 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.565 ng

RT: 10.33 min Scan# 1359

Delta R.T. -0.02 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

Tgt Ion:232 Resp: 255318

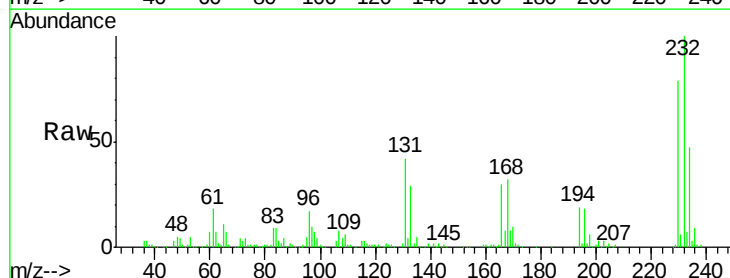
Ion Ratio Lower Upper

232 100

131 38.0 43.8 65.8#

130 1.8 2.1 3.1#

166 25.4 27.8 41.6#

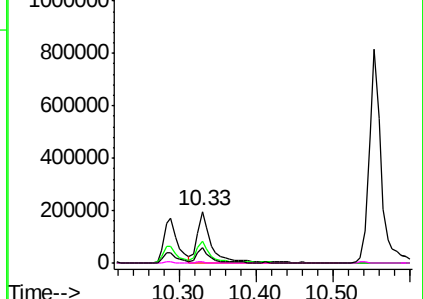
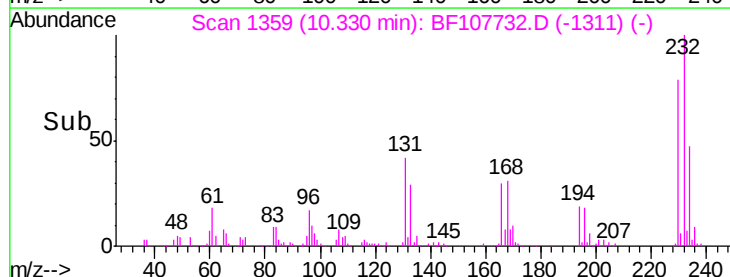


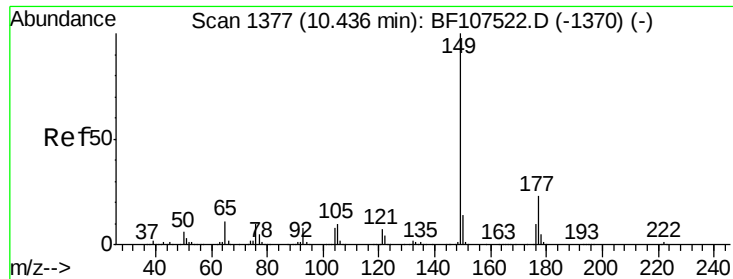
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

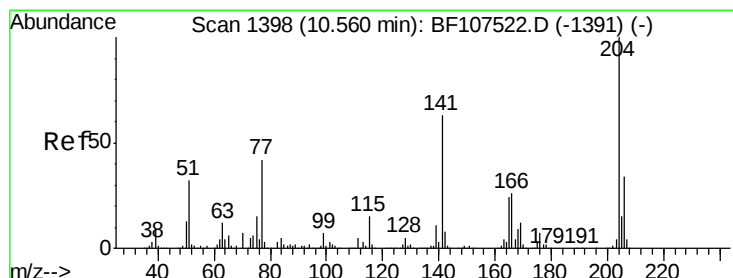
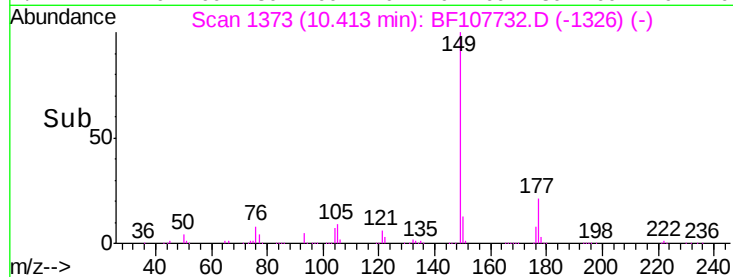
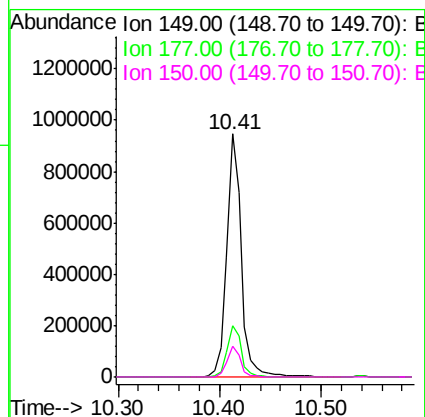
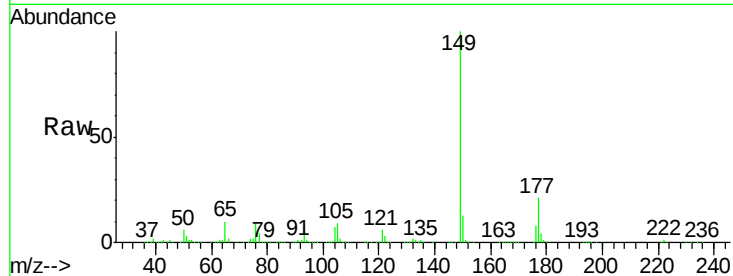




#59
Diethylphthalate
Concen: 39.182 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF107732.D
Acq: 27 Jul 2018 7:17

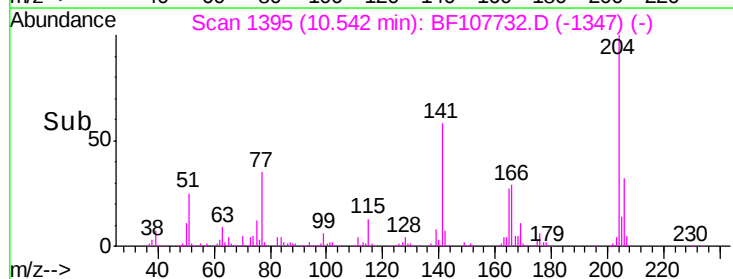
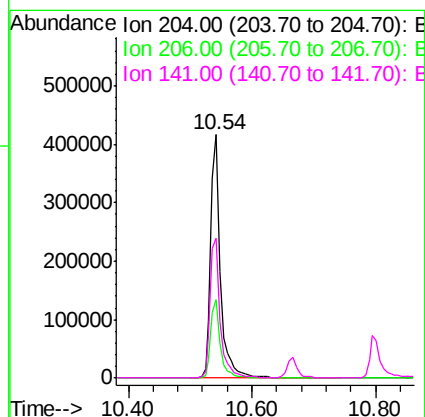
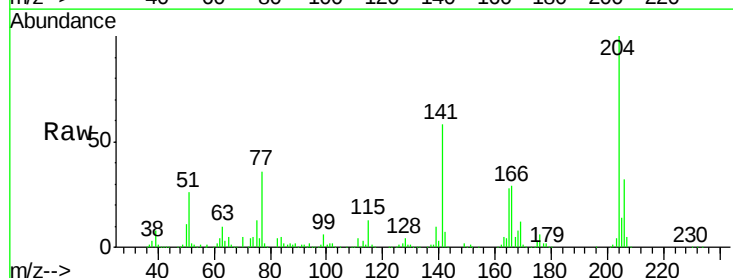
Instrument :
BNA_F
ClientSampleId :
PB111493BS

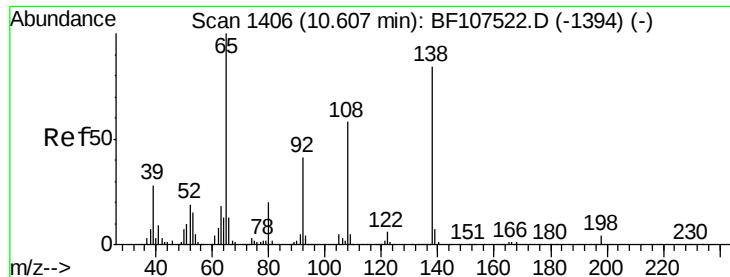
Tgt Ion:149 Resp: 951448
Ion Ratio Lower Upper
149 100
177 21.3 16.1 24.1
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.279 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF107732.D
Acq: 27 Jul 2018 7:17

Tgt Ion:204 Resp: 450918
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 57.5 54.6 81.8





#61

4-Nitroaniline

Concen: 34.375 ng

RT: 10.60 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

Instrument :

BNA_F

ClientSampleId :

PB111493BS

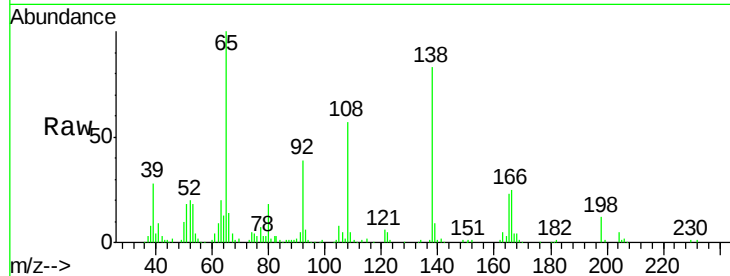
Tgt Ion:138 Resp: 162192

Ion Ratio Lower Upper

138 100

92 47.1 30.2 70.2

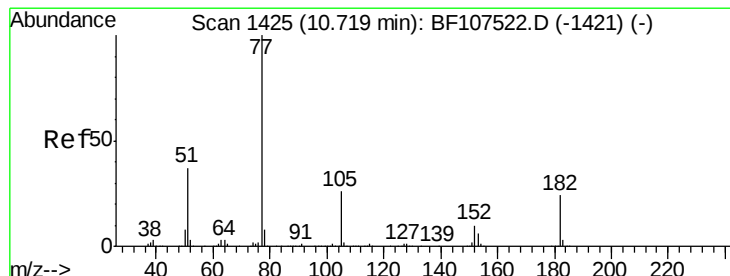
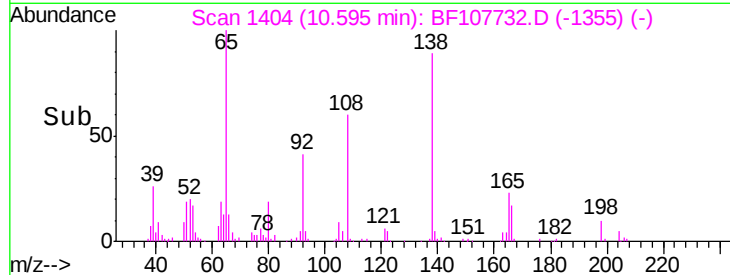
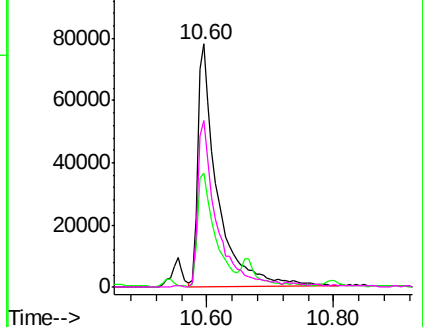
108 68.7 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.742 ng

RT: 10.70 min Scan# 1422

Delta R.T. -0.02 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

Tgt Ion: 77 Resp: 859396

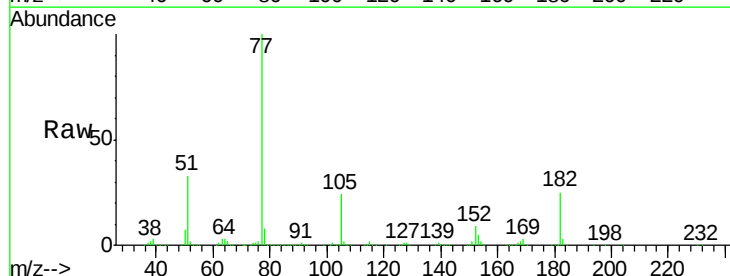
Ion Ratio Lower Upper

77 100

182 24.6 1.7 41.7

105 24.2 3.0 43.0

51 33.5 9.9 49.9

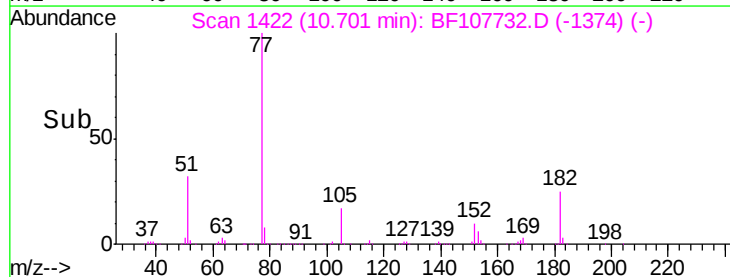
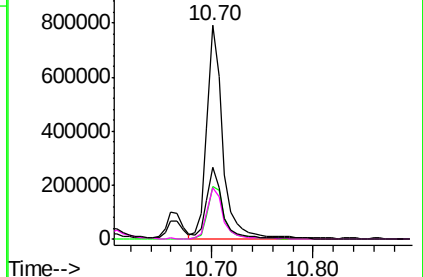


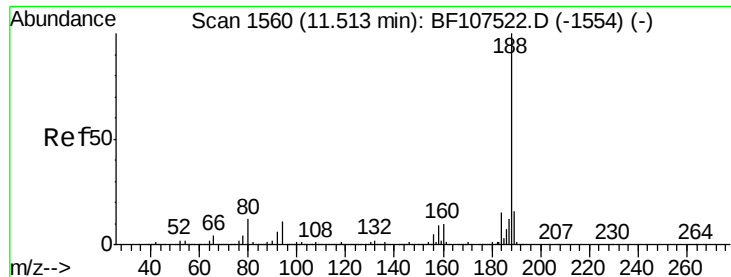
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

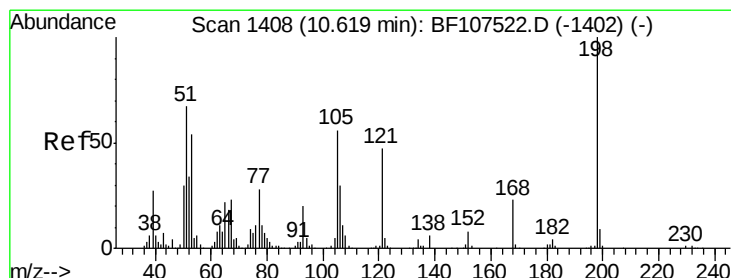
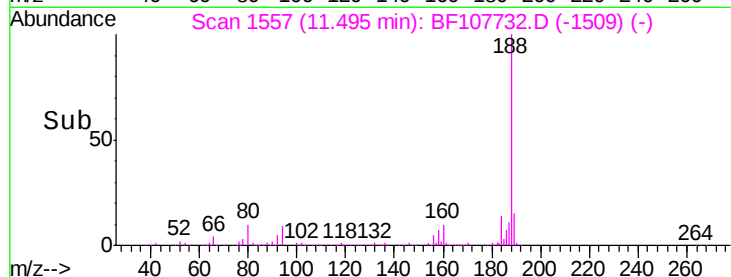
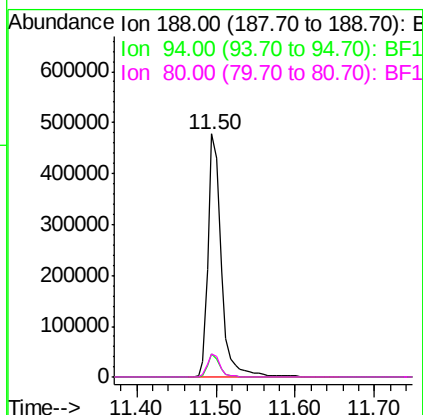
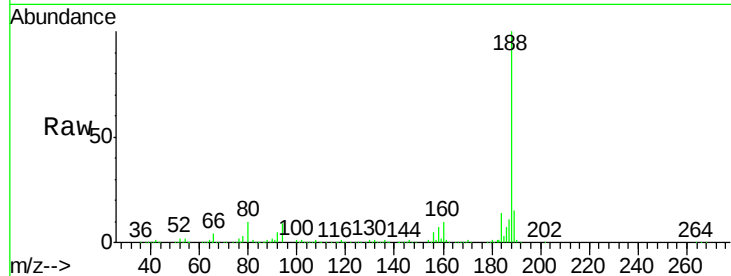




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107732.D
Acq: 27 Jul 2018 7:17

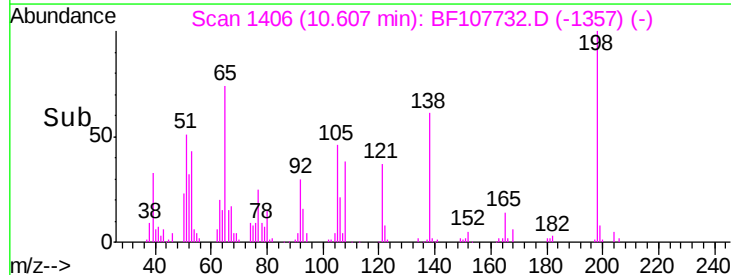
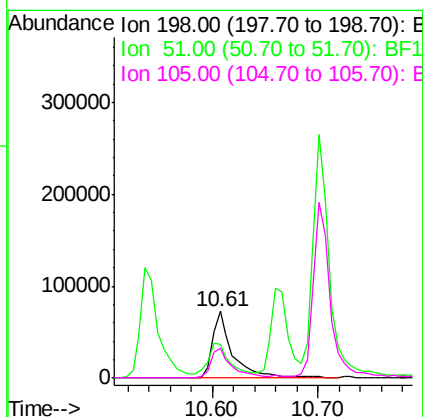
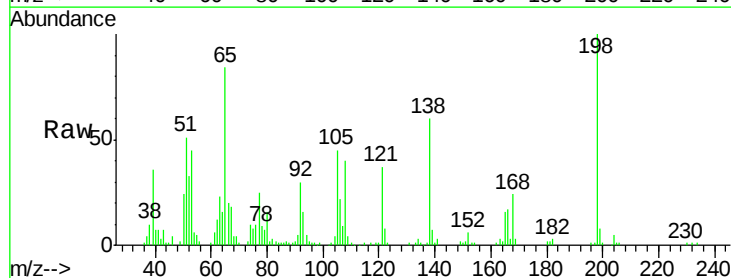
Instrument :
BNA_F
ClientSampleId :
PB111493BS

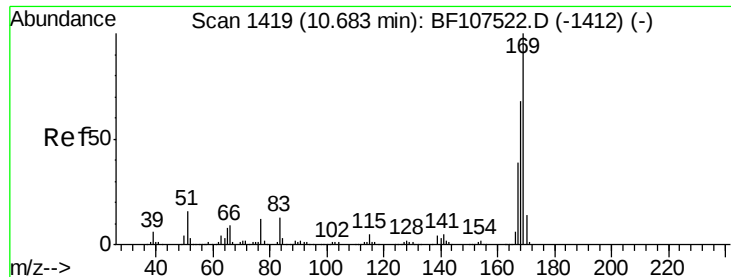
Tgt Ion:188 Resp: 559752
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 9.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 38.841 ng
RT: 10.61 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF107732.D
Acq: 27 Jul 2018 7:17

Tgt Ion:198 Resp: 99495
Ion Ratio Lower Upper
198 100
51 51.4 37.7 77.7
105 45.4 36.3 76.3

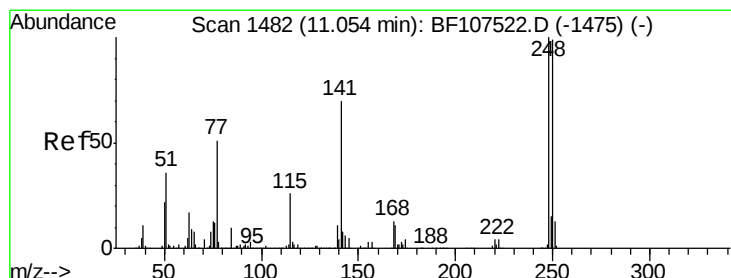
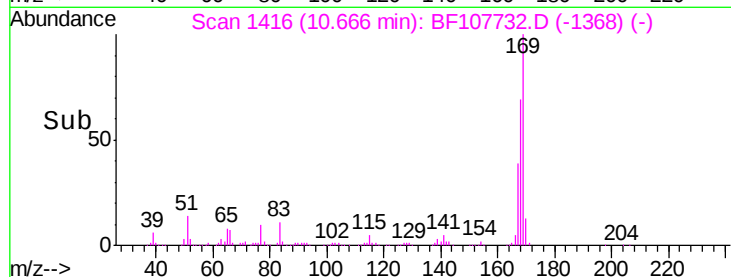
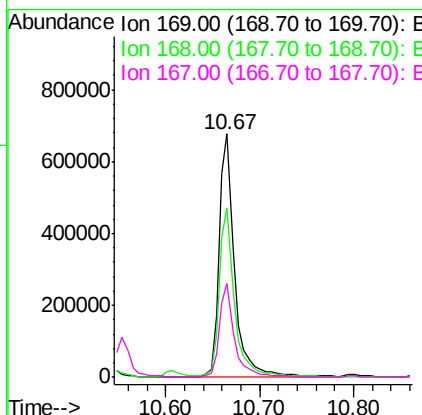
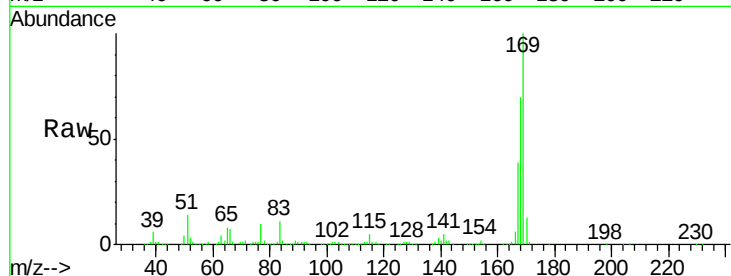




#65
n-Nitrosodiphenylamine
Concen: 40.934 ng
RT: 10.67 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF107732.D
Acq: 27 Jul 2018 7:17

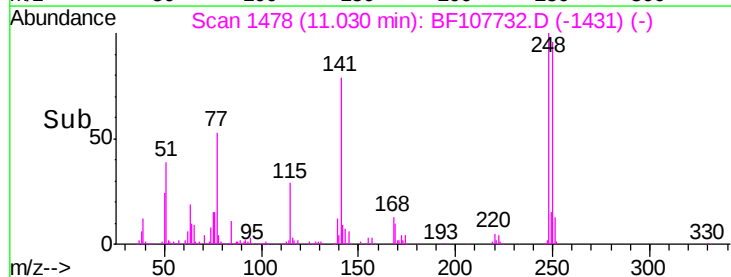
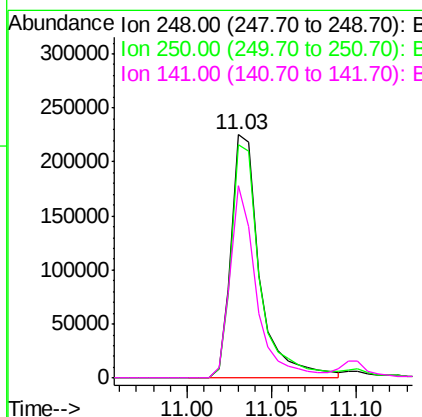
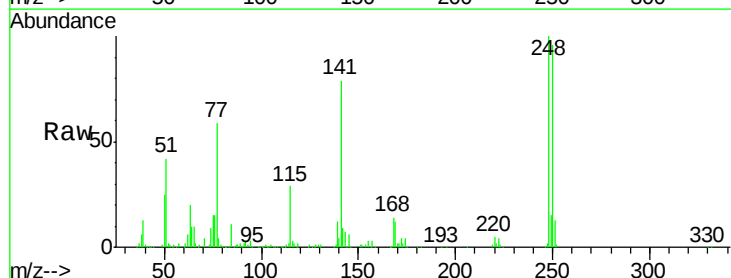
Instrument :
BNA_F
ClientSampleId :
PB111493BS

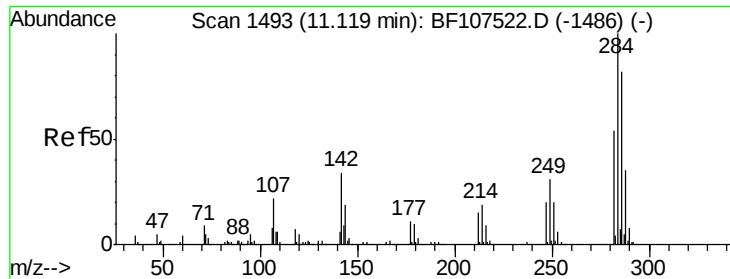
Tgt Ion:169 Resp: 778175
Ion Ratio Lower Upper
169 100
168 69.7 54.4 81.6
167 38.6 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 40.479 ng
RT: 11.03 min Scan# 1478
Delta R.T. -0.02 min
Lab File: BF107732.D
Acq: 27 Jul 2018 7:17

Tgt Ion:248 Resp: 266724
Ion Ratio Lower Upper
248 100
250 95.7 76.9 115.3
141 79.1 74.4 111.6

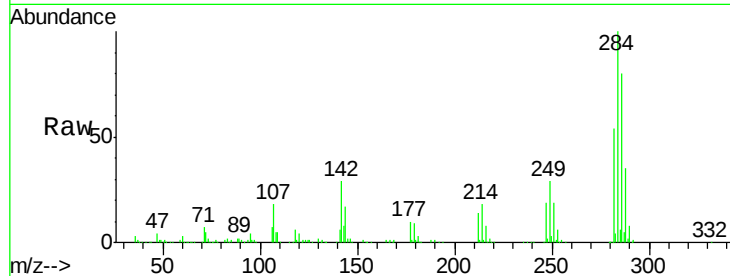




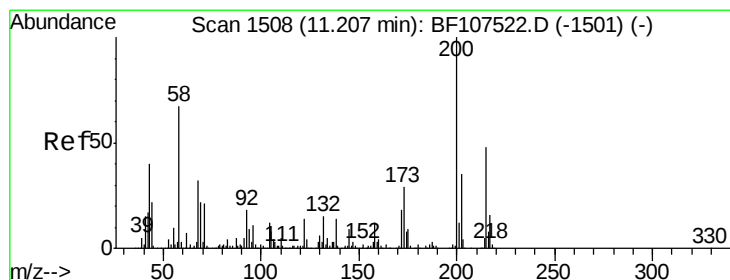
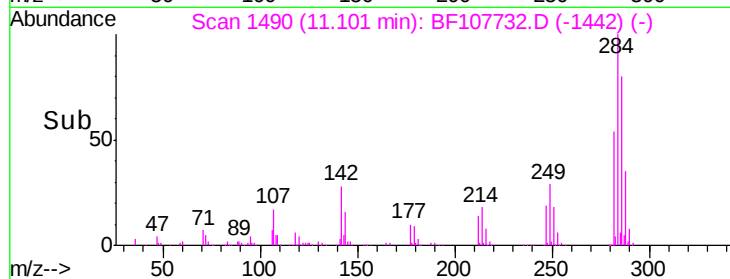
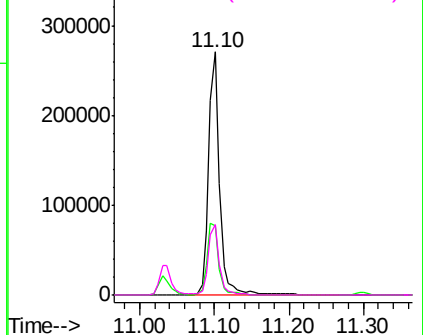
#67
Hexachlorobenzene
Concen: 38.755 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.02 min
Lab File: BF107732.D
Acq: 27 Jul 2018 7:17

Instrument :
BNA_F
ClientSampleId :
PB111493BS

Tgt Ion:284 Resp: 280978
Ion Ratio Lower Upper
284 100
142 28.6 34.6 52.0#
249 29.2 24.8 37.2

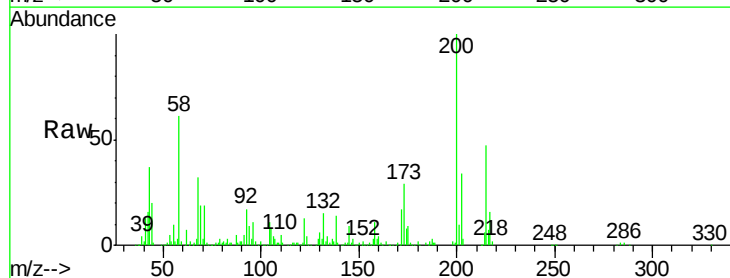


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

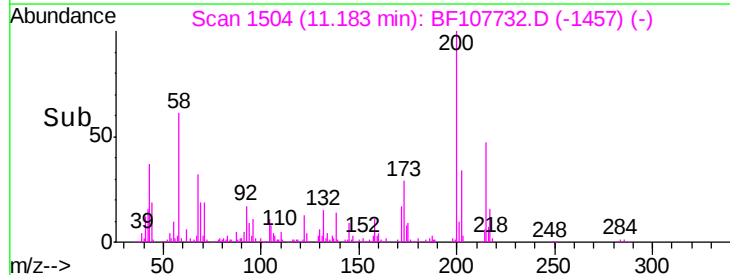
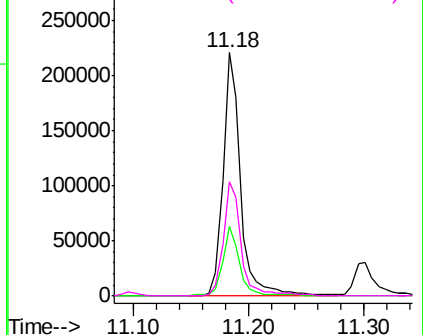


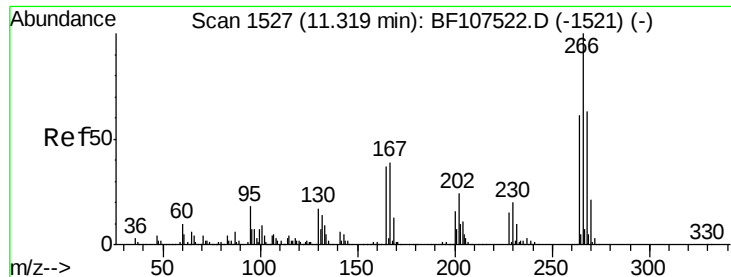
#68
Atrazine
Concen: 40.377 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.02 min
Lab File: BF107732.D
Acq: 27 Jul 2018 7:17

Tgt Ion:200 Resp: 234364
Ion Ratio Lower Upper
200 100
173 28.7 8.6 48.6
215 47.1 25.1 65.1



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

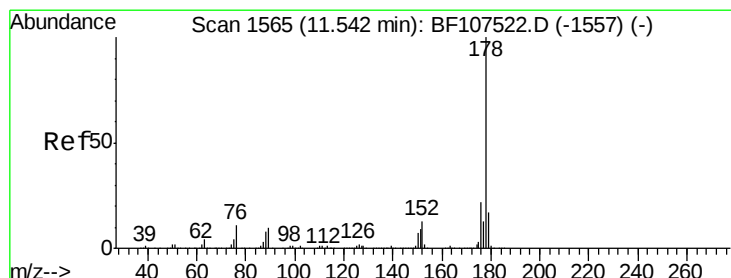
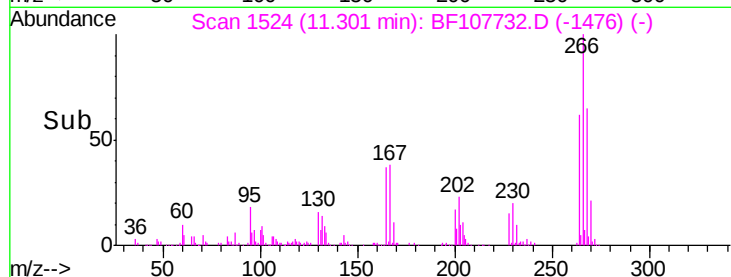
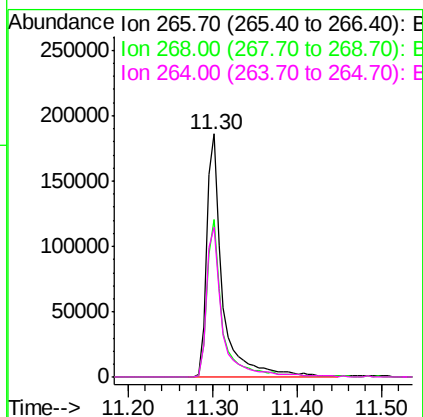
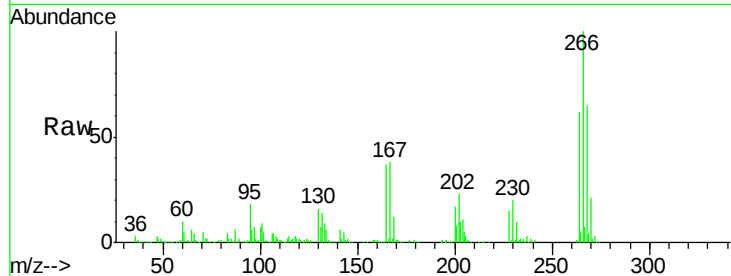




#69
 Pentachlorophenol
 Concen: 54.148 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.02 min
 Lab File: BF107732.D
 Acq: 27 Jul 2018 7:17

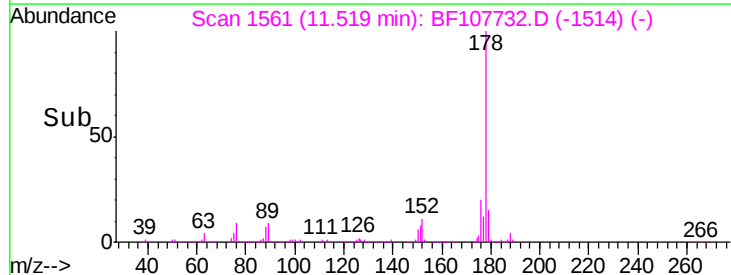
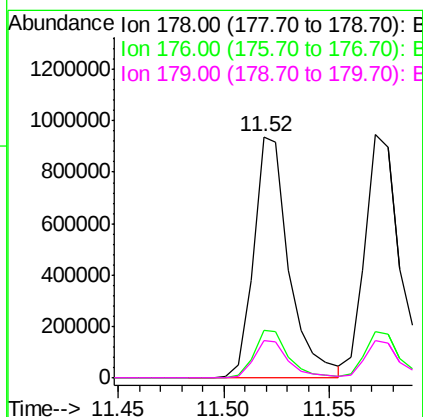
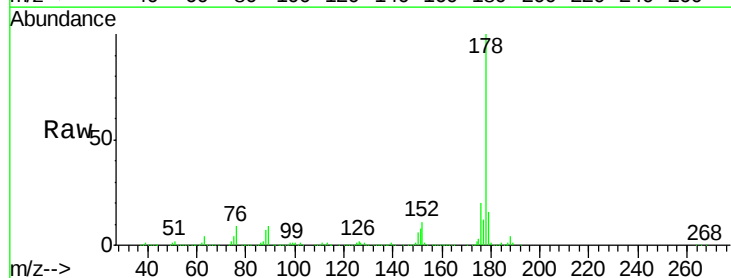
Instrument :
 BNA_F
 ClientSampleId :
 PB111493BS

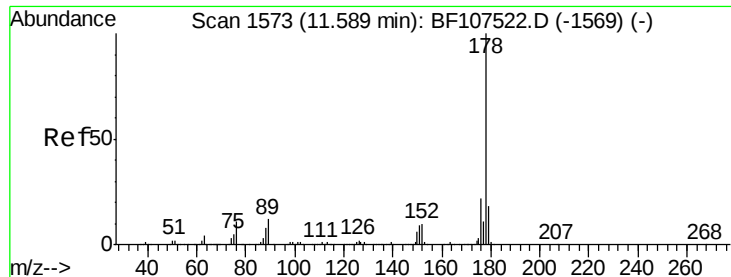
Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.1	76.7
264	61.5	49.5	74.3



#70
 Phenanthrene
 Concen: 40.089 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.02 min
 Lab File: BF107732.D
 Acq: 27 Jul 2018 7:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.8	13.0	19.6

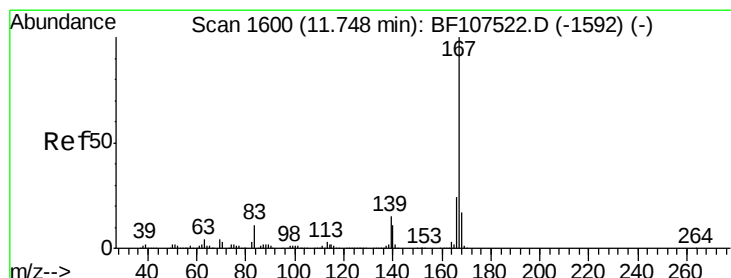
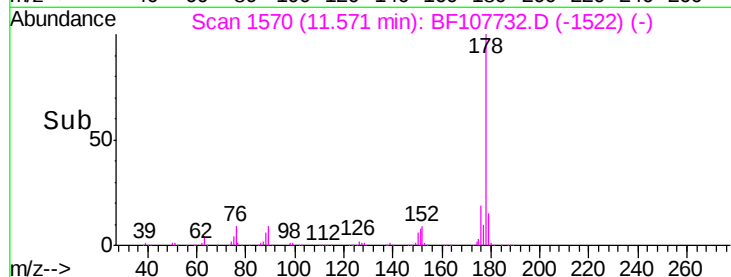
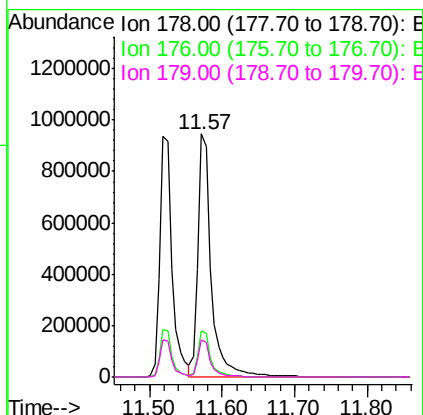
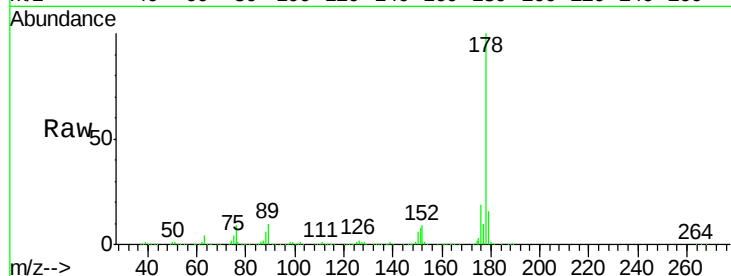




#71
 Anthracene
 Concen: 44.132 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF107732.D
 Acq: 27 Jul 2018 7:17

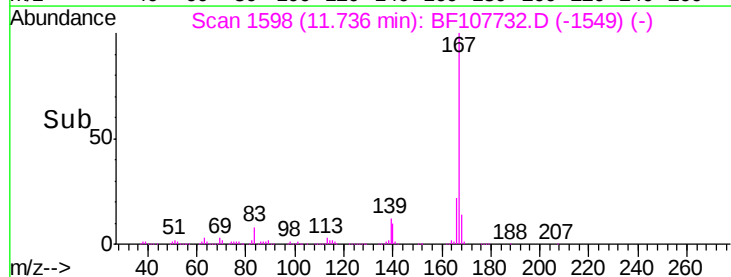
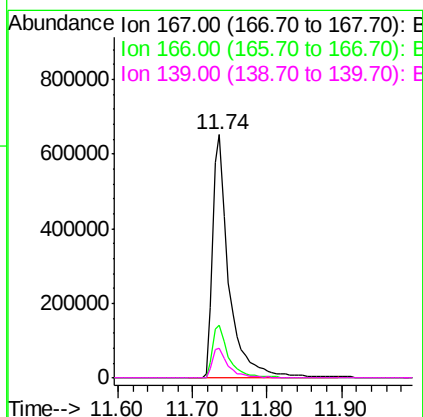
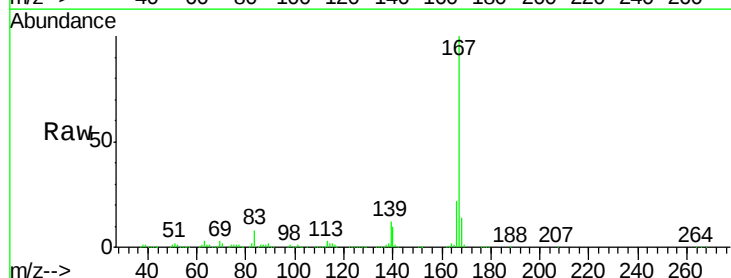
Instrument :
 BNA_F
 ClientSampleId :
 PB111493BS

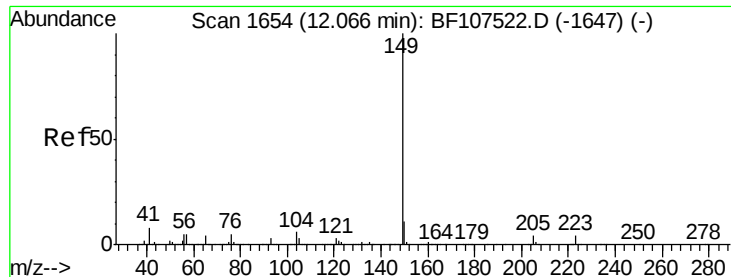
Tgt Ion:178 Resp: 1212033
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 34.686 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF107732.D
 Acq: 27 Jul 2018 7:17

Tgt Ion:167 Resp: 990600
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 12.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 47.032 ng

RT: 12.04 min Scan# 1650

Delta R.T. -0.02 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

Instrument :

BNA_F

ClientSampleId :

PB111493BS

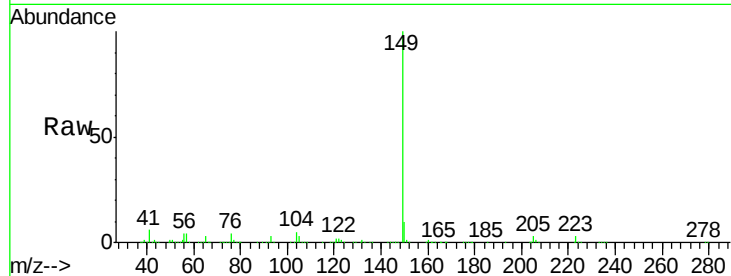
Tgt Ion:149 Resp: 1363612

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

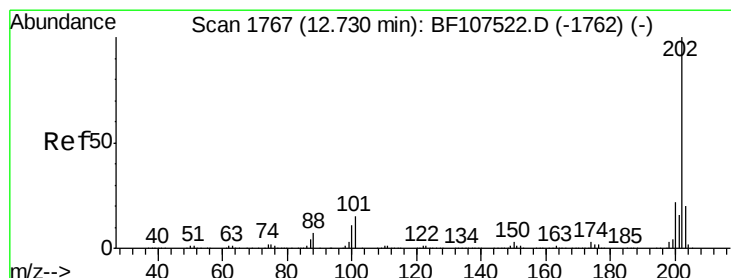
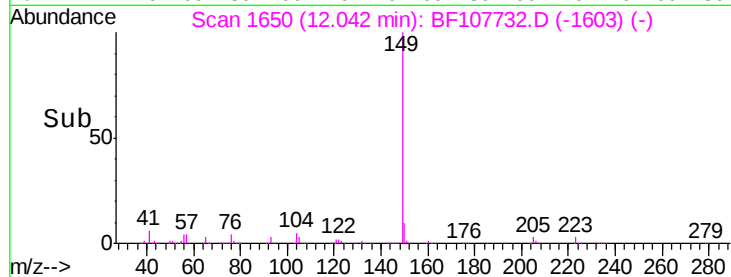
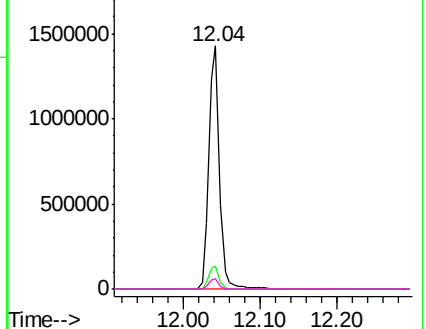
104 4.6 3.8 5.8



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: 34.701 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.02 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

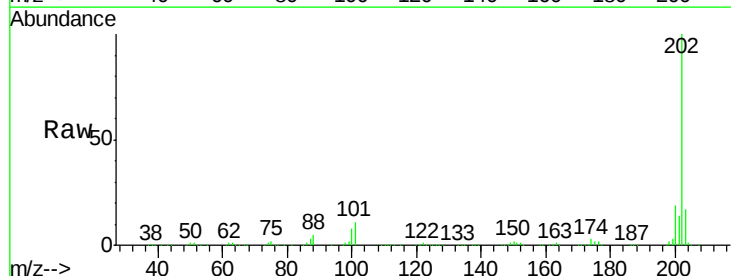
Tgt Ion:202 Resp: 1015700

Ion Ratio Lower Upper

202 100

101 10.9 0.0 34.1

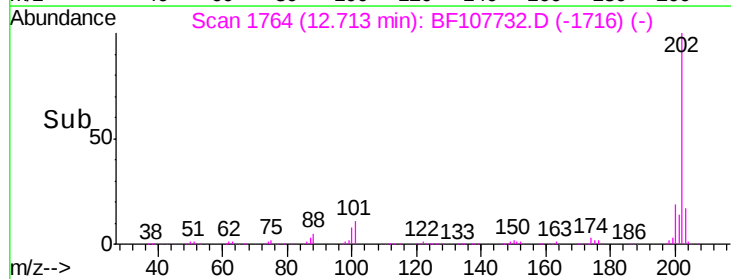
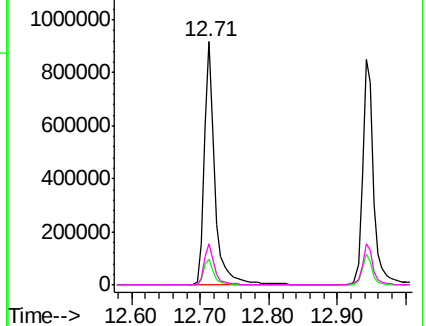
203 17.2 0.0 38.1

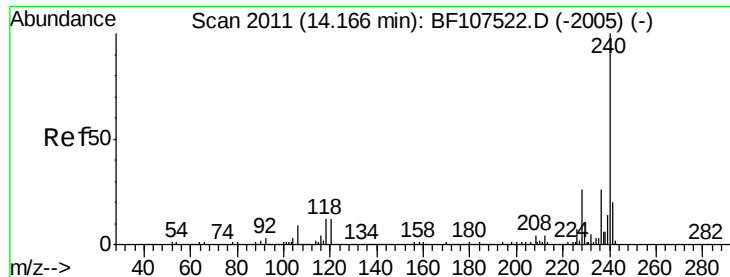


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

Instrument :

BNA_F

ClientSampleId :

PB111493BS

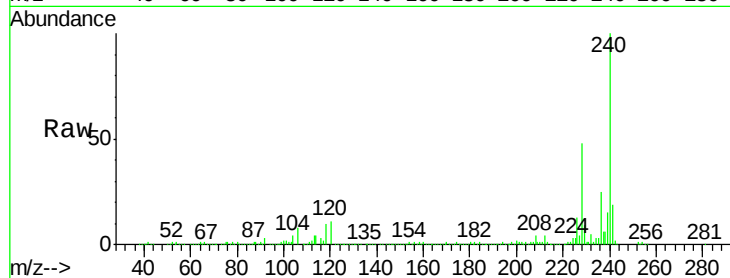
Tgt Ion:240 Resp: 365077

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

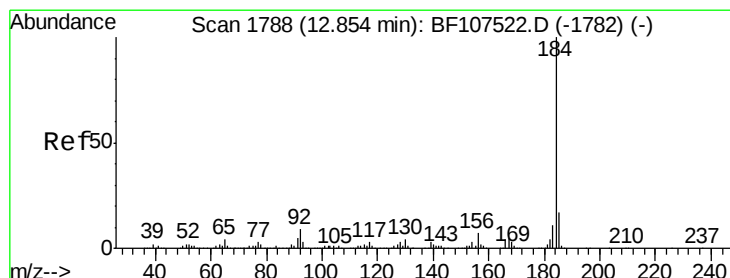
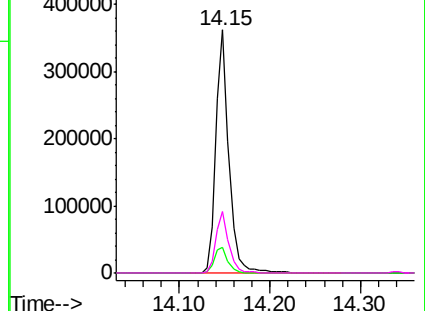
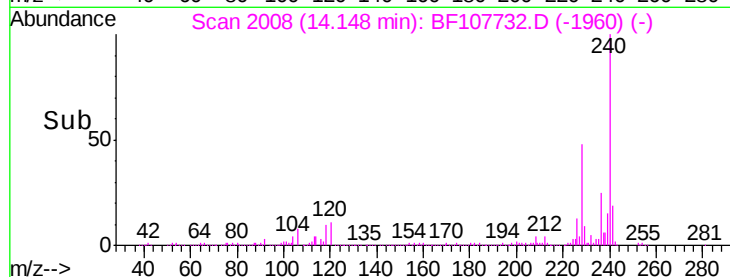
236 25.5 20.7 31.1



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



#76

Benzidine

Concen: 31.989 ng

RT: 12.84 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

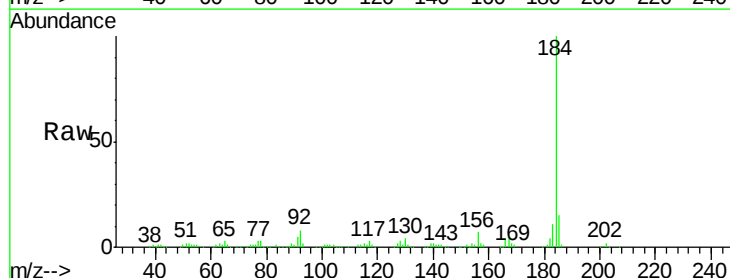
Tgt Ion:184 Resp: 336320

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

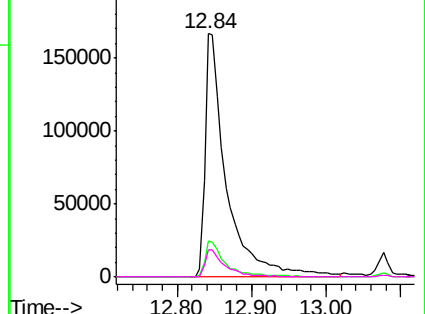
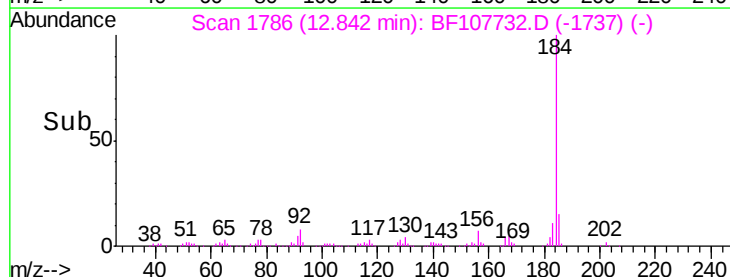
183 11.1 9.3 13.9

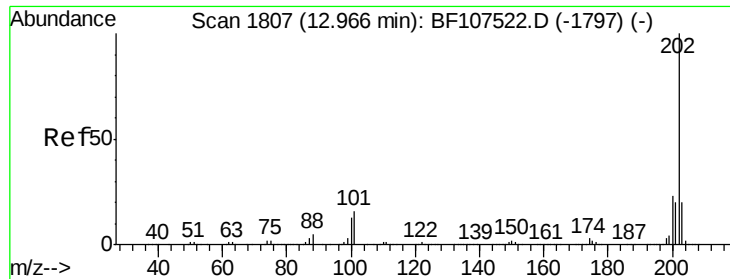


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

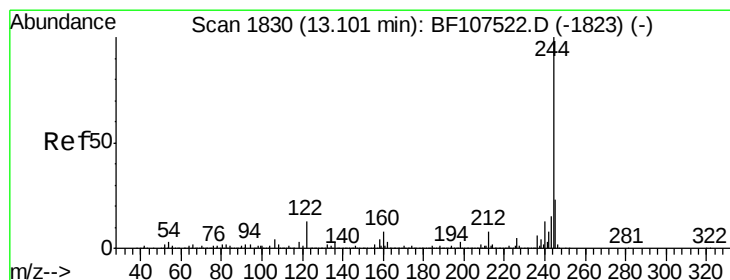
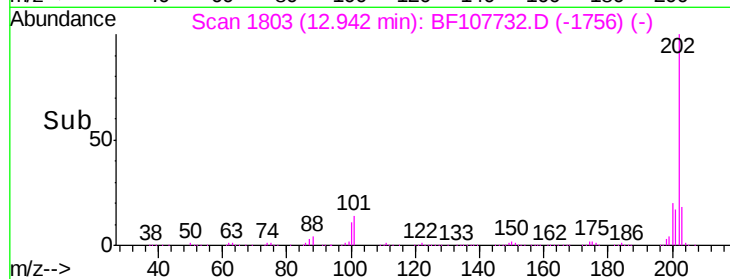
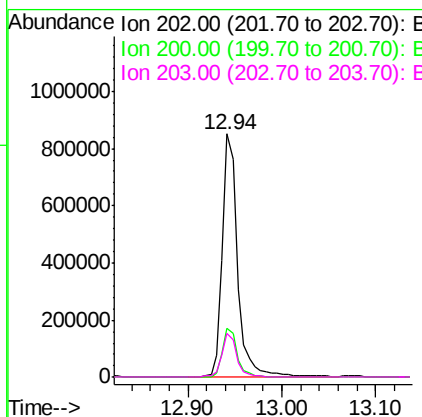
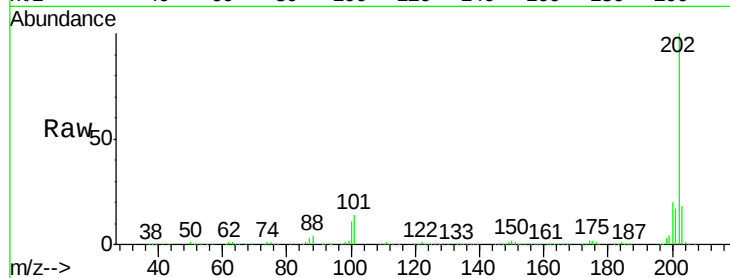




#77
 Pyrene
 Concen: 38.812 ng
 RT: 12.94 min Scan# 1803
 Delta R.T. -0.02 min
 Lab File: BF107732.D
 Acq: 27 Jul 2018 7:17

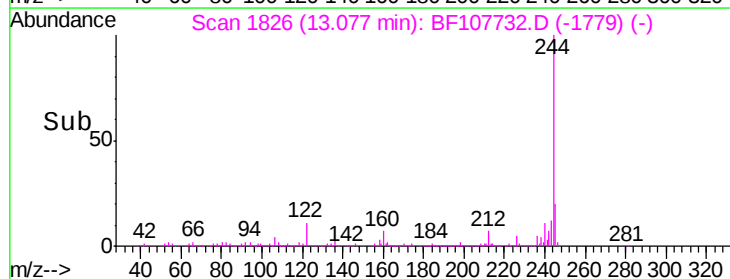
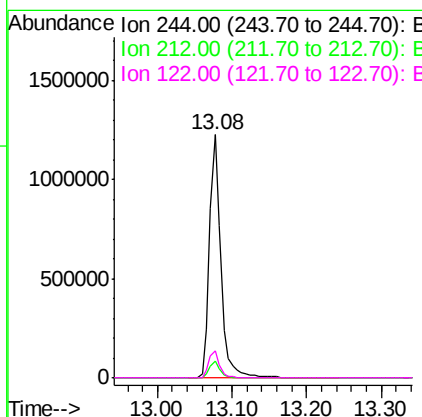
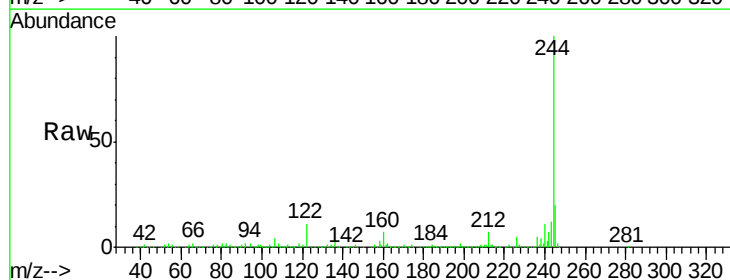
Instrument :
 BNA_F
 ClientSampled :
 PB111493BS

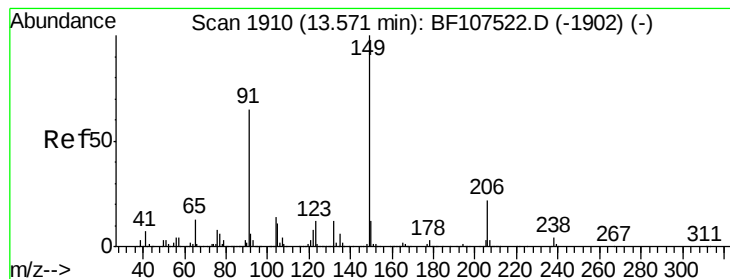
Tgt Ion: 202 Resp: 969201
 Ion Ratio Lower Upper
 202 100
 200 20.2 17.4 26.2
 203 18.1 14.3 21.5



#78
 Terphenyl-d14
 Concen: 92.098 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF107732.D
 Acq: 27 Jul 2018 7:17

Tgt Ion: 244 Resp: 1313353
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.0 11.0 16.4





#79

Butylbenzylphthalate

Concen: 39.933 ng

RT: 13.55 min Scan# 1906

Delta R.T. -0.02 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

Instrument :

BNA_F

ClientSampleId :

PB111493BS

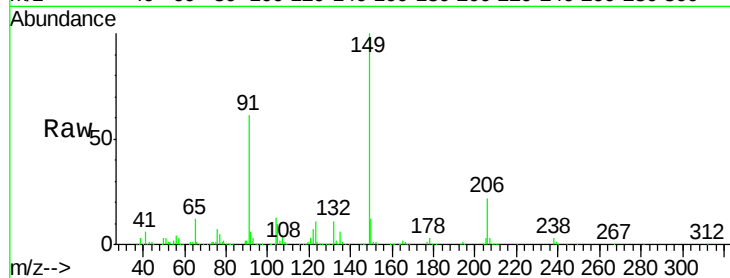
Tgt Ion:149 Resp: 428843

Ion Ratio Lower Upper

149 100

91 60.8 56.8 85.2

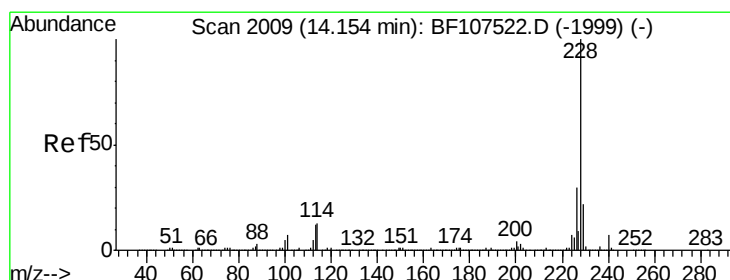
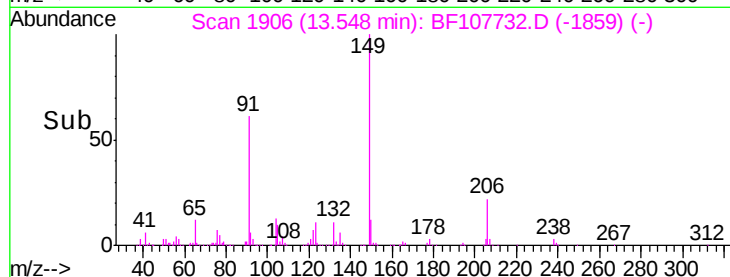
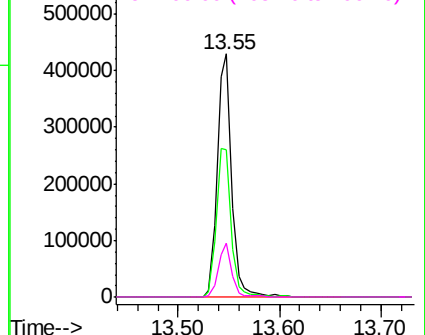
206 22.1 14.1 21.1#



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: 39.149 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.02 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

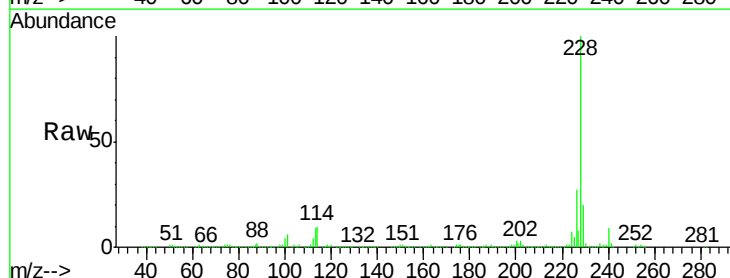
Tgt Ion:228 Resp: 837566

Ion Ratio Lower Upper

228 100

226 27.1 22.6 33.8

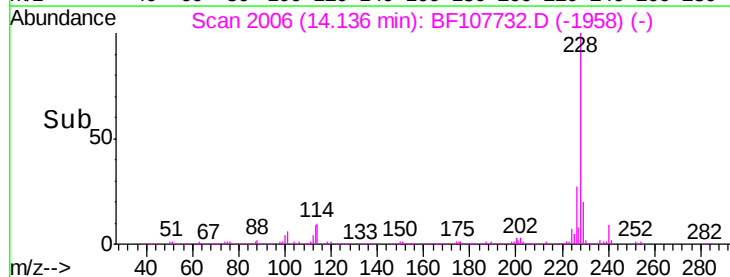
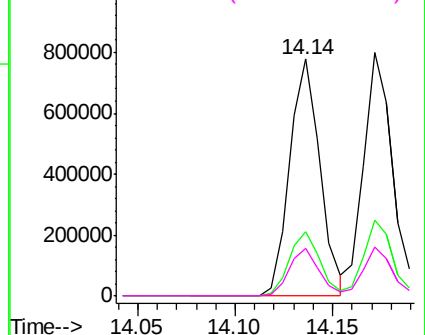
229 20.1 15.8 23.6

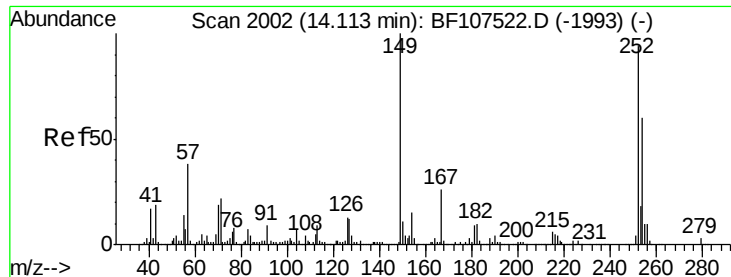


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

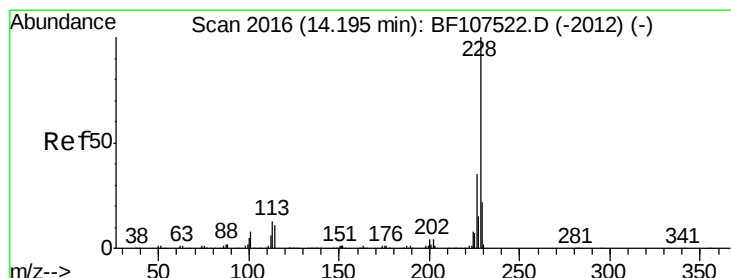
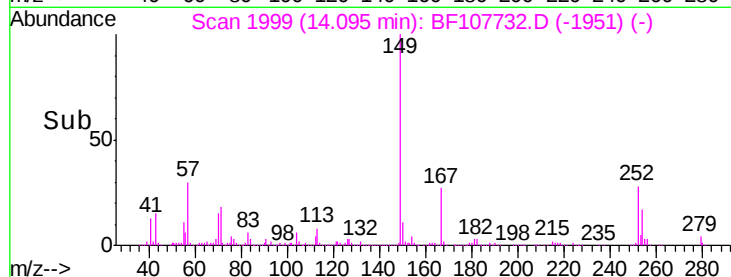
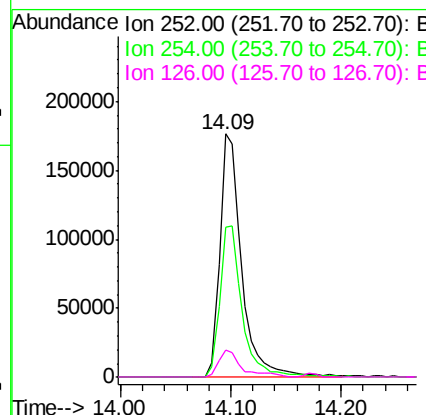
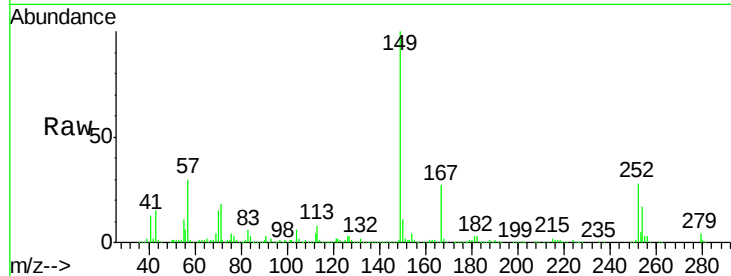




#81
 3,3'-Dichlorobenzidine
 Concen: 36.211 ng
 RT: 14.09 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BF107732.D
 Acq: 27 Jul 2018 7:17

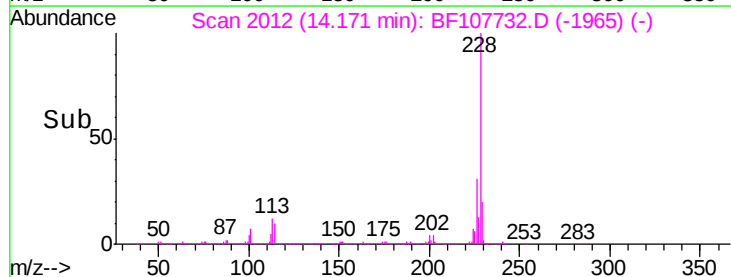
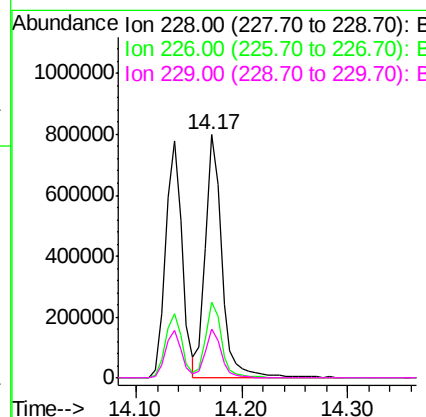
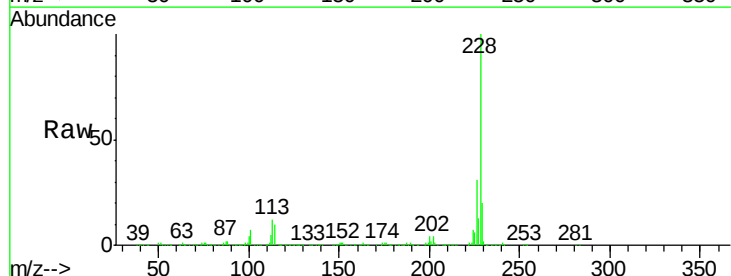
Instrument :
 BNA_F
 ClientSampleId :
 PB111493BS

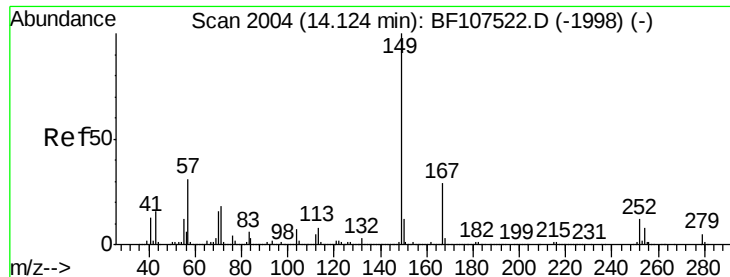
Tgt Ion:252 Resp: 242600
 Ion Ratio Lower Upper
 252 100
 254 61.9 50.4 75.6
 126 11.4 11.3 16.9



#82
 Chrysene
 Concen: 42.376 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.02 min
 Lab File: BF107732.D
 Acq: 27 Jul 2018 7:17

Tgt Ion:228 Resp: 870889
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.0 37.6
 229 20.2 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.317 ng

RT: 14.09 min Scan# 1999

Delta R.T. -0.03 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

Instrument :

BNA_F

ClientSampleId :

PB111493BS

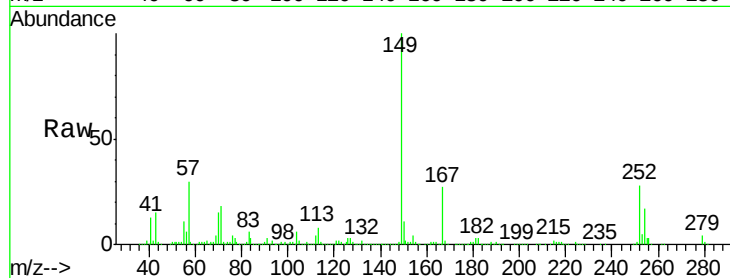
Tgt Ion:149 Resp: 565462

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

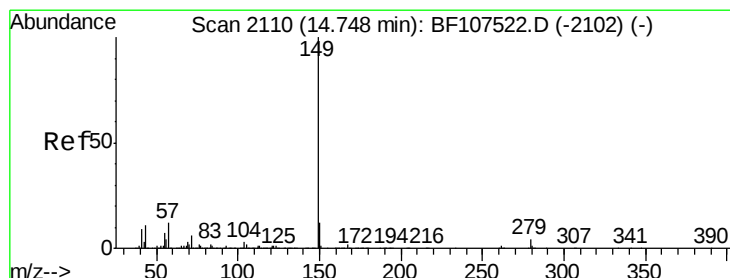
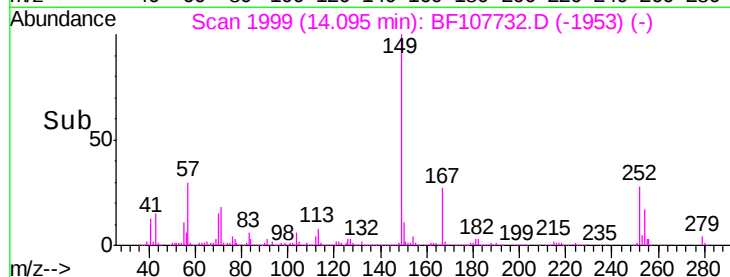
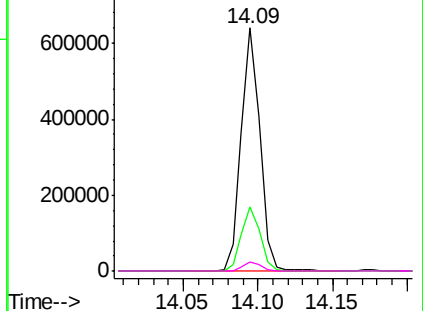
279 3.7 3.0 4.4



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: 42.105 ng

RT: 14.71 min Scan# 2104

Delta R.T. -0.04 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

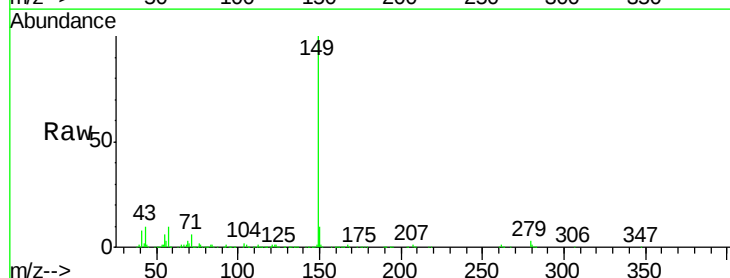
Tgt Ion:149 Resp: 991698

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

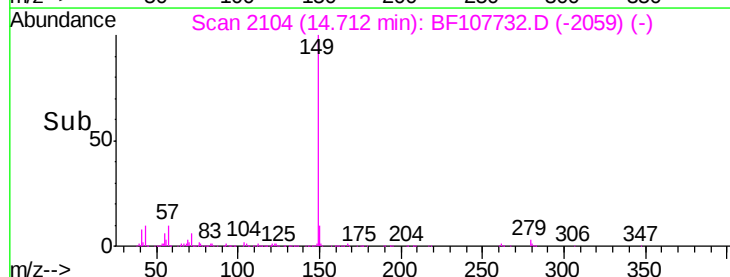
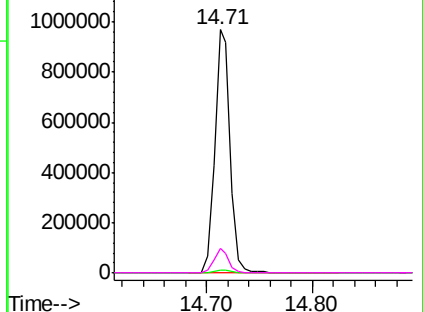
43 9.5 8.4 12.6

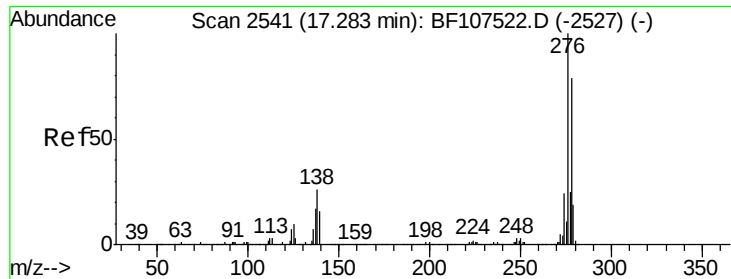


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

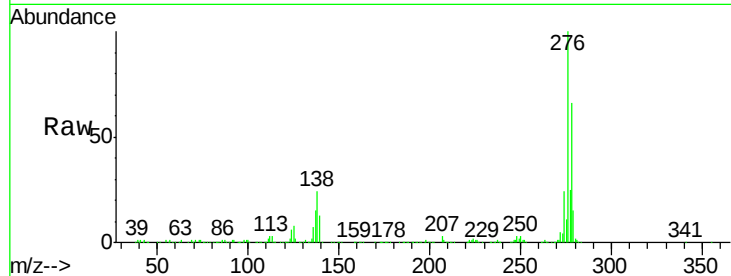




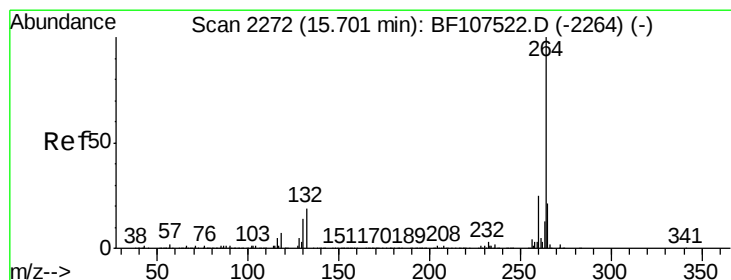
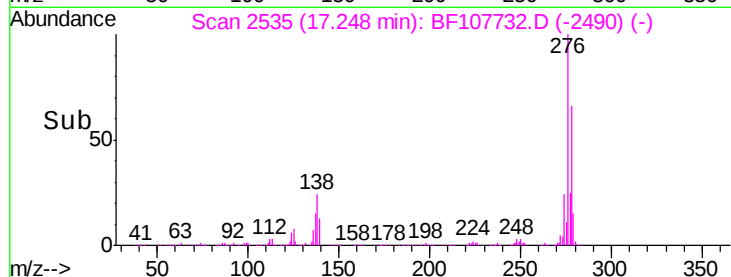
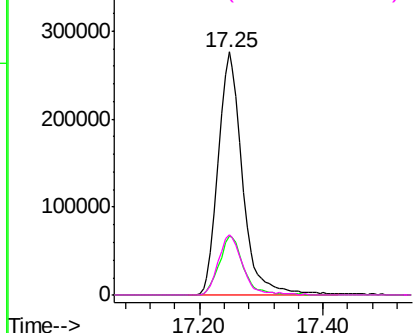
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.526 ng
 RT: 17.25 min Scan# 2535
 Delta R.T. -0.04 min
 Lab File: BF107732.D
 Acq: 27 Jul 2018 7:17

Instrument :
 BNA_F
 ClientSampleId :
 PB111493BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.7	25.0	37.6#
277	25.3	20.1	30.1

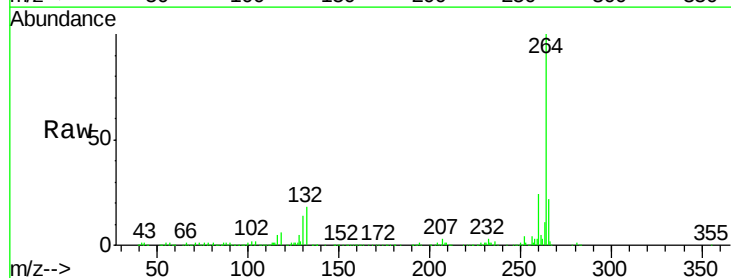


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

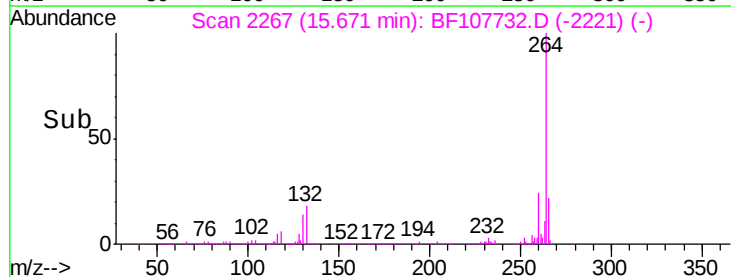
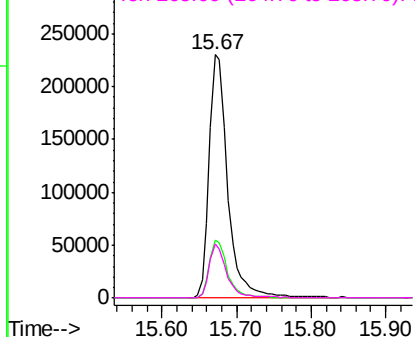


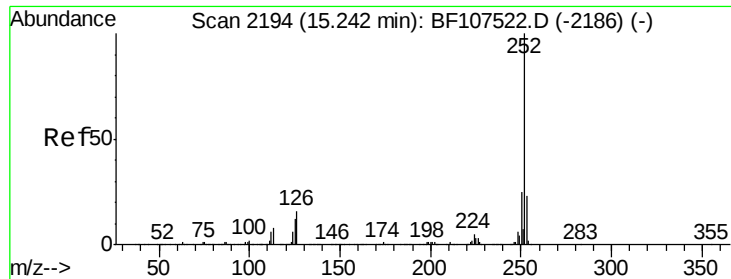
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.03 min
 Lab File: BF107732.D
 Acq: 27 Jul 2018 7:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.1	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

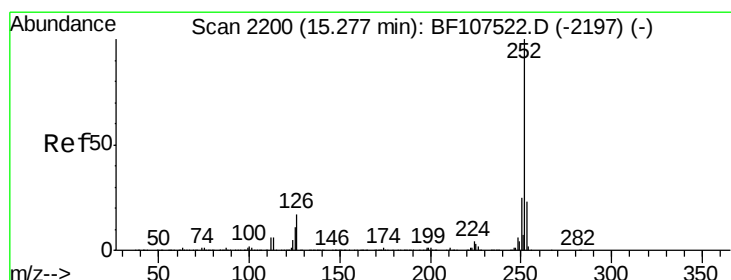
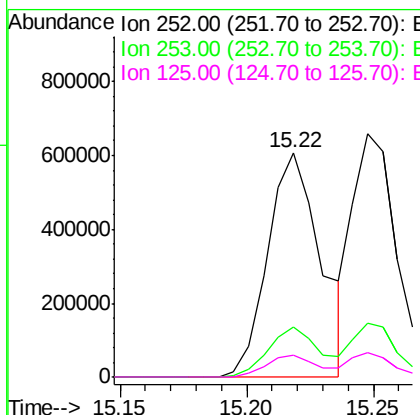
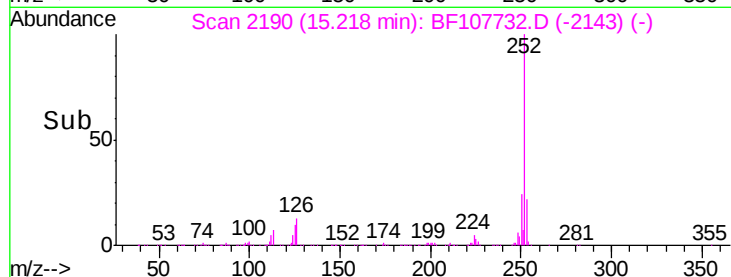
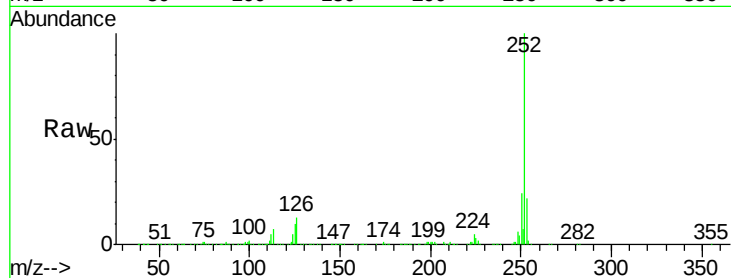




#87
Benzo(b)fluoranthene
Concen: 40.125 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BF107732.D
Acq: 27 Jul 2018 7:17

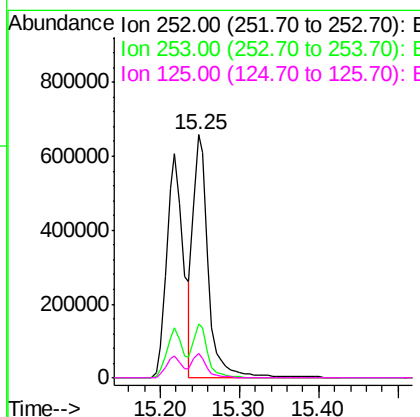
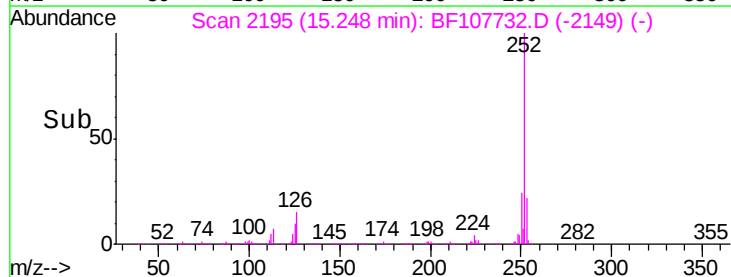
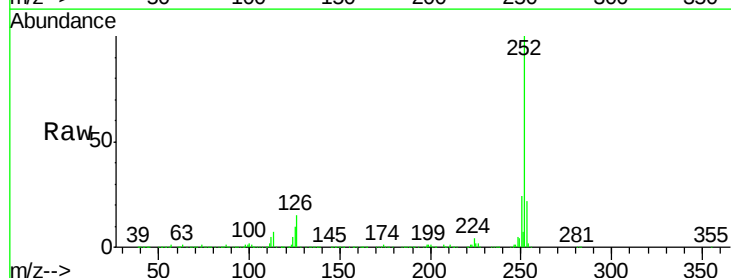
Instrument :
BNA_F
ClientSampleId :
PB111493BS

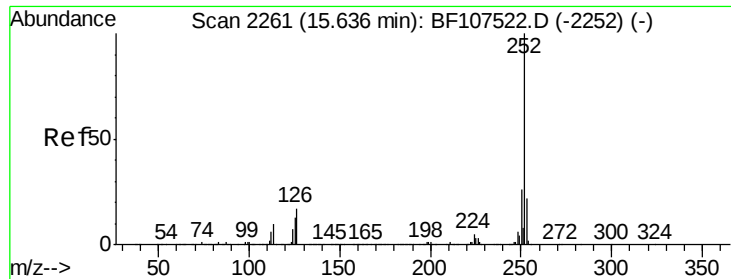
Tgt Ion:252 Resp: 884230
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 9.7 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.295 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.03 min
Lab File: BF107732.D
Acq: 27 Jul 2018 7:17

Tgt Ion:252 Resp: 869973
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 10.3 10.2 15.2





#89

Benzo(a)pyrene

Concen: 41.226 ng

RT: 15.61 min Scan# 2256

Delta R.T. -0.03 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

Instrument :

BNA_F

ClientSampleId :

PB111493BS

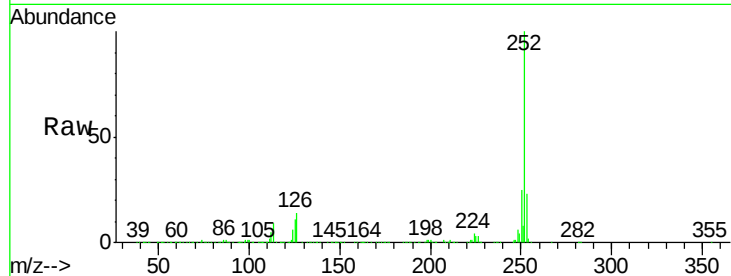
Tgt Ion:252 Resp: 831036

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

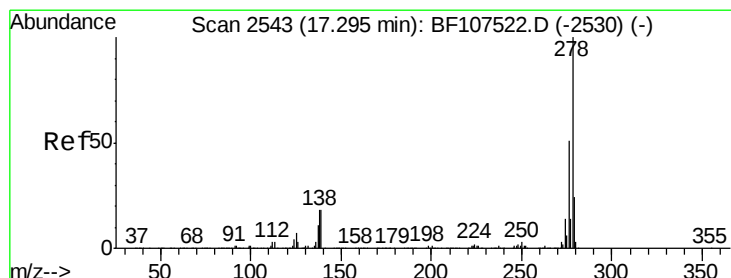
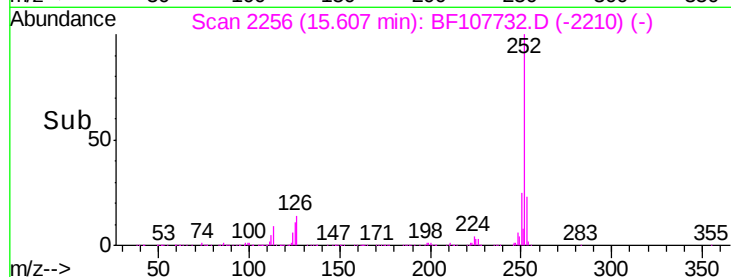
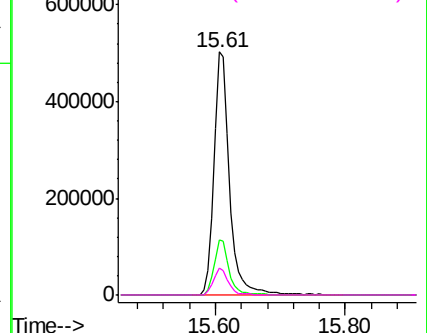
125 11.1 9.8 14.6



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

Dibenzo(a,h)anthracene

Concen: 37.305 ng

RT: 17.26 min Scan# 2537

Delta R.T. -0.04 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

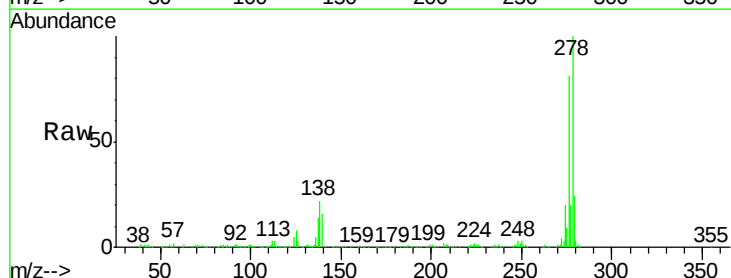
Tgt Ion:278 Resp: 650041

Ion Ratio Lower Upper

278 100

139 15.8 15.9 23.9#

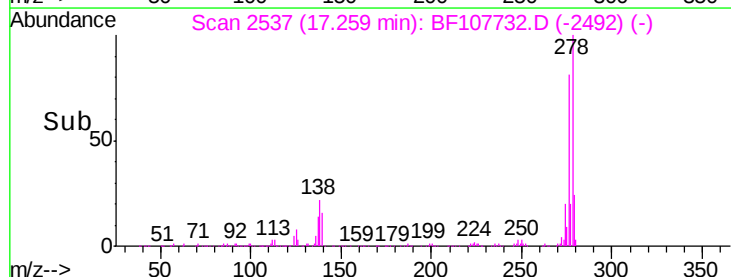
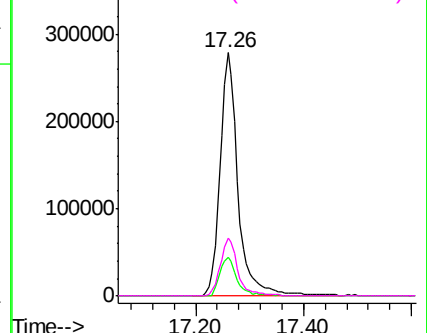
279 23.7 19.0 28.4

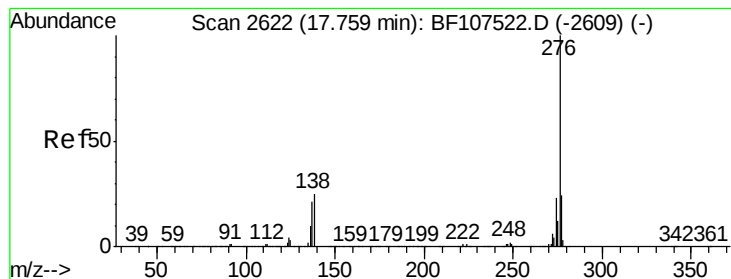


Abundance Ion 278.00 (277.70 to 278.70): E

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: 34.111 ng

RT: 17.72 min Scan# 2616

Delta R.T. -0.04 min

Lab File: BF107732.D

Acq: 27 Jul 2018 7:17

Instrument :

BNA_F

ClientSampleId :

PB111493BS

Tgt Ion:276 Resp: 586295

Ion Ratio Lower Upper

276 100

277 23.2 17.9 26.9

138 21.0 21.8 32.8#

