

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
 Data File : BF107733.D
 Acq On : 27 Jul 2018 7:44
 Operator : JU/SJ
 Sample : PB111493BSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111493BSD

Quant Time: Jul 27 08:24:23 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	161061	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	655644	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	304190	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	549705	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	354995	20.00	ng	-0.02
86) Perylene-d12	15.68	264	380933	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	712478	71.12	ng	0.00
7) Phenol-d6	6.60	99	916704	76.21	ng	-0.01
23) Nitrobenzene-d5	7.53	82	900454	92.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	300535	86.88	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1804273	109.93	ng	-0.02
78) Terphenyl-d14	13.08	244	1244762	89.77	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	126542	27.140	ng	88
3) Pyridine	3.67	79	291004	22.942	ng	# 85
4) n-Nitrosodimethylamine	3.64	42	115080	21.511	ng	95
6) Aniline	6.64	93	300498	19.370	ng	# 66
8) 2-Chlorophenol	6.75	128	424130	39.519	ng	98
9) Benzaldehyde	6.52	77	149538	17.290	ng	92
10) Phenol	6.61	94	454183	32.107	ng	92
11) bis(2-Chloroethyl)ether	6.70	93	313495	26.730	ng	94
12) 1,3-Dichlorobenzene	6.90	146	436700	35.889	ng	99
13) 1,4-Dichlorobenzene	6.98	146	488314	39.154	ng	97
14) 1,2-Dichlorobenzene	7.13	146	441571	39.454	ng	99
15) Benzyl Alcohol	7.11	79	303100	36.974	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.22	45	661490	33.433	ng	65
17) 2-Methylphenol	7.22	107	337538	37.004	ng	# 86
18) Hexachloroethane	7.47	117	163761	37.437	ng	99
19) n-Nitroso-di-n-propylamine	7.37	70	284430	36.604	ng	98
20) 3+4-Methylphenols	7.37	107	433216	39.996	ng	# 53
22) Acetophenone	7.37	105	612747	39.794	ng	# 90
24) Nitrobenzene	7.55	77	417236	37.497	ng	98
25) Isophorone	7.78	82	790958	38.131	ng	99
26) 2-Nitrophenol	7.87	139	242698	51.649	ng	97
27) 2,4-Dimethylphenol	7.90	122	359531	40.421	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	503730	36.338	ng	98
29) 2,4-Dichlorophenol	8.11	162	362745	39.901	ng	96
30) 1,2,4-Trichlorobenzene	8.18	180	385972	37.800	ng	99
31) Naphthalene	8.27	128	1269465	44.031	ng	99
32) Benzoic acid	8.02	122	200548	34.881	ng	94
33) 4-Chloroaniline	8.33	127	196047	15.557	ng	99
34) Hexachlorobutadiene	8.37	225	231142	38.096	ng	99
35) Caprolactam	8.69	113	105675	35.737	ng	# 76
36) 4-Chloro-3-methylphenol	8.81	107	395820	39.195	ng	98
37) 2-Methylnaphthalene	8.95	142	869378	43.515	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	412454	40.652	ng	98
40) Hexachlorocyclopentadiene	9.10	237	215149	41.715	ng	99

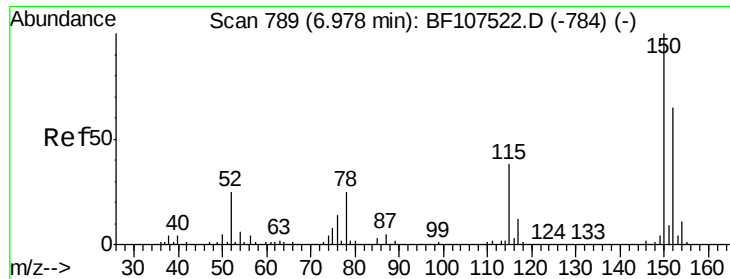
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
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 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	243555	37.503	ng	99
43) 2,4,5-Trichlorophenol	9.28	196	283327	41.743	ng	97
45) 1,1'-Biphenyl	9.42	154	1094745	41.313	ng	98
46) 2-Chloronaphthalene	9.45	162	803935	39.691	ng	99
47) 2-Nitroaniline	9.55	65	258345	43.751	ng	88
48) Acenaphthylene	9.87	152	1296422	42.608	ng	99
49) Dimethylphthalate	9.72	163	919580	40.111	ng	99
50) 2,6-Dinitrotoluene	9.79	165	195506	42.952	ng	92
51) Acenaphthene	10.04	154	715047	37.508	ng	100
52) 3-Nitroaniline	9.97	138	120024	21.675	ng	94
53) 2,4-Dinitrophenol	10.08	184	129969	66.447	ng	# 29
54) Dibenzofuran	10.21	168	1117423	39.814	ng	100
55) 4-Nitrophenol	10.14	139	194630	46.946	ng	90
56) 2,4-Dinitrotoluene	10.20	165	242581	44.151	ng	94
57) Fluorene	10.55	166	883168	44.108	ng	95
58) 2,3,4,6-Tetrachlorophenol	10.33	232	249414	44.153	ng	# 83
59) Diethylphthalate	10.41	149	943093	39.389	ng	98
60) 4-Chlorophenyl-phenylether	10.54	204	444091	39.233	ng	92
61) 4-Nitroaniline	10.60	138	152290	32.734	ng	95
62) Azobenzene	10.70	77	849759	37.849	ng	94
64) 4,6-Dinitro-2-methylphenol	10.61	198	96135	38.355	ng	91
65) n-Nitrosodiphenylamine	10.67	169	774180	41.468	ng	98
66) 4-Bromophenyl-phenylether	11.04	248	259555	40.111	ng	# 85
67) Hexachlorobenzene	11.10	284	275964	38.759	ng	# 86
68) Atrazine	11.18	200	230597	40.455	ng	99
69) Pentachlorophenol	11.30	266	243162	54.676	ng	100
70) Phenanthrene	11.52	178	1071817	40.012	ng	99
71) Anthracene	11.58	178	1170401	43.395	ng	100
72) Carbazole	11.74	167	990339	35.311	ng	99
73) Di-n-butylphthalate	12.04	149	1357046	47.950	ng	100
74) Fluoranthene	12.71	202	1000190	34.796	ng	97
76) Benzidine	12.84	184	348160	34.056	ng	96
77) Pyrene	12.94	202	962395	39.634	ng	97
79) Butylbenzylphthalate	13.55	149	439466	42.084	ng	88
80) Benzo(a)anthracene	14.14	228	839851	40.371	ng	100
81) 3,3'-Dichlorobenzidine	14.09	252	252158	39.528	ng	97
82) Chrysene	14.17	228	881913	44.132	ng	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	569460	38.648	ng	99
84) Di-n-octyl phthalate	14.72	149	1003135	43.800	ng	98
85) Indeno(1,2,3-cd)pyrene	17.25	276	721017	42.571	ng	# 92
87) Benzo(b)fluoranthene	15.22	252	879708	42.196	ng	98
88) Benzo(k)fluoranthene	15.25	252	854302	41.826	ng	97
89) Benzo(a)pyrene	15.61	252	821879	43.097	ng	98
90) Dibenzo(a,h)anthracene	17.26	278	615979	37.366	ng	# 95
91) Benzo(g,h,i)perylene	17.72	276	547842	33.691	ng	# 92

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

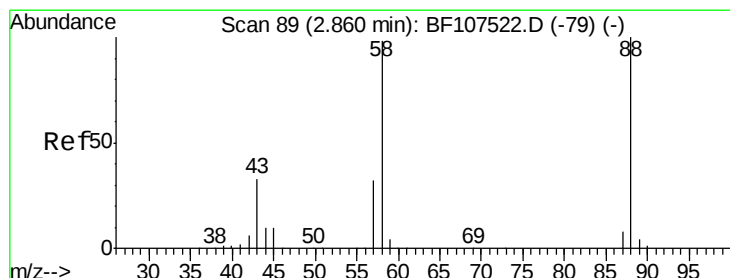
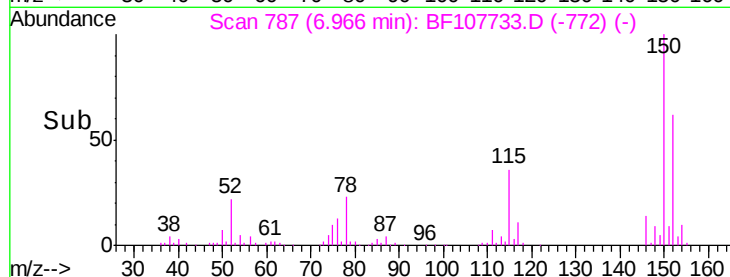
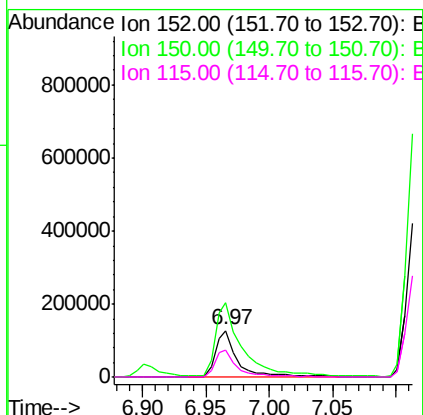
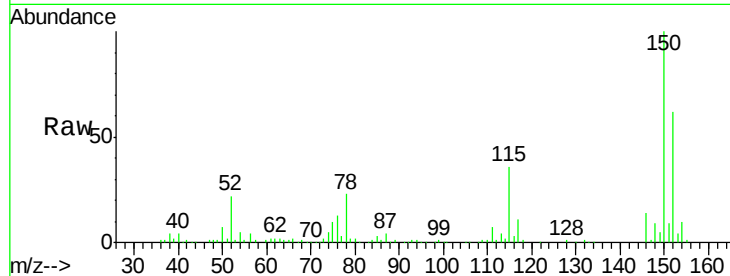


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107733.D
Acq: 27 Jul 2018 7:44

Instrument :
BNA_F
ClientSampleId :
PB111493BSD

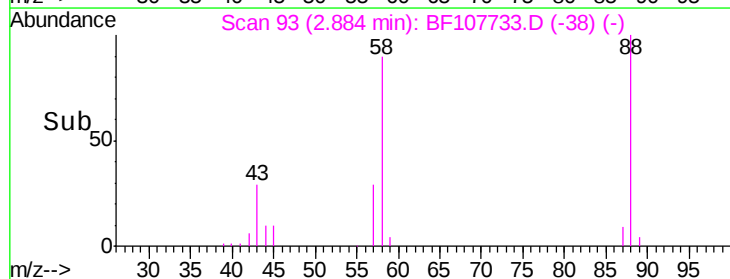
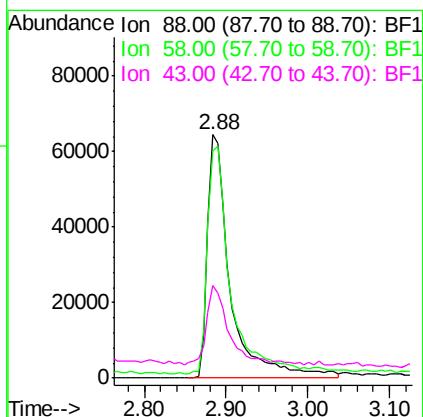
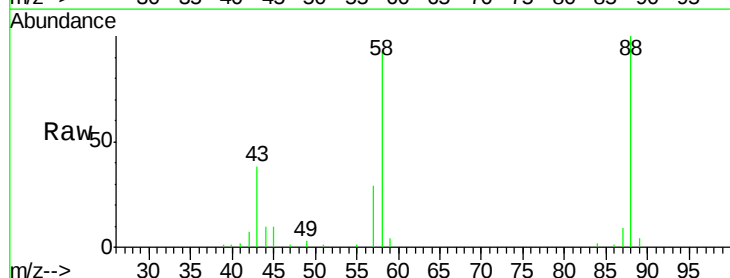
Tgt Ion:152 Resp: 161061
Ion Ratio Lower Upper
152 100
150 160.5 124.6 186.8
115 58.4 50.1 75.1

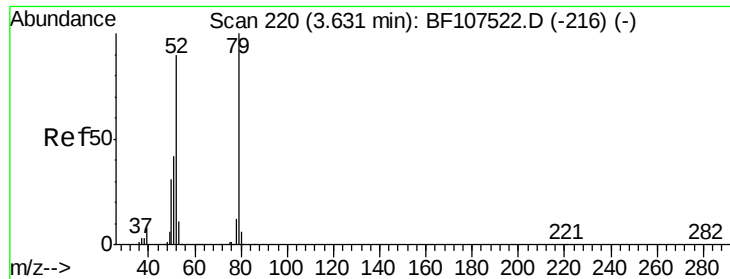


#2

1,4-Dioxane
Concen: 27.140 ng
RT: 2.88 min Scan# 93
Delta R.T. 0.02 min
Lab File: BF107733.D
Acq: 27 Jul 2018 7:44

Tgt Ion: 88 Resp: 126542
Ion Ratio Lower Upper
88 100
58 92.6 62.6 93.8
43 30.9 24.6 37.0





#3

Pyridine

Concen: 22.942 ng

RT: 3.67 min Scan# 226

Delta R.T. 0.04 min

Lab File: BF107733.D

Acq: 27 Jul 2018 7:44

Instrument :

BNA_F

ClientSampleId :

PB111493BSD

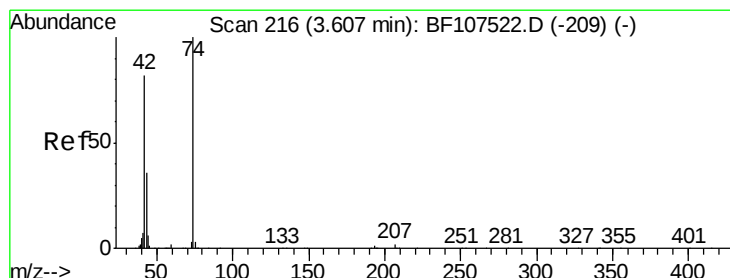
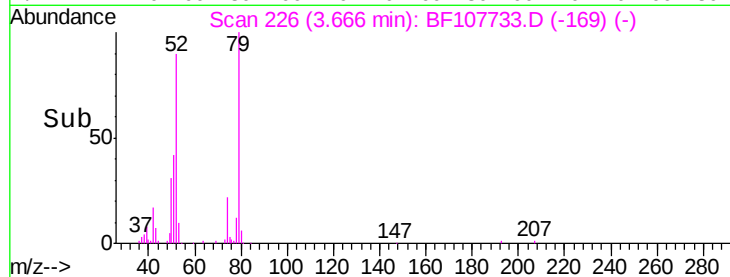
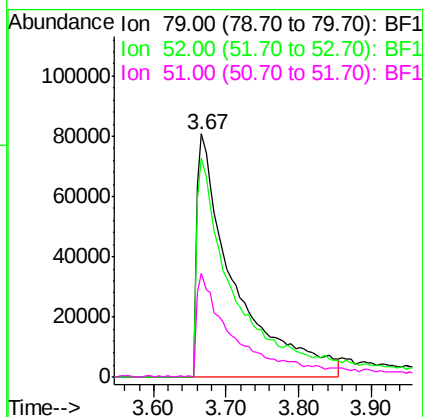
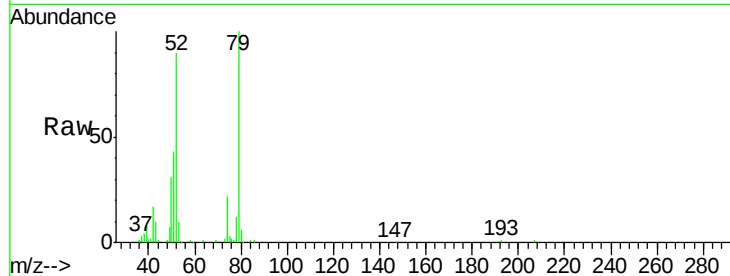
Tgt Ion: 79 Resp: 291004

Ion Ratio Lower Upper

79 100

52 89.9 59.8 89.6#

51 42.8 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 21.511 ng

RT: 3.64 min Scan# 221

Delta R.T. 0.03 min

Lab File: BF107733.D

Acq: 27 Jul 2018 7:44

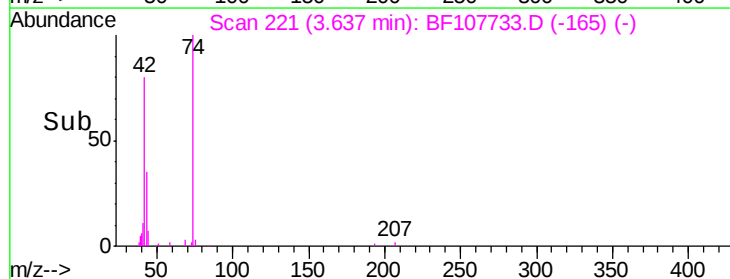
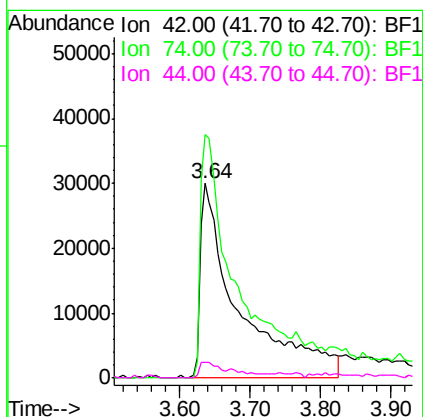
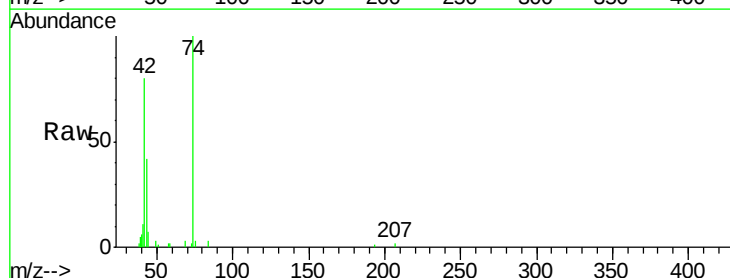
Tgt Ion: 42 Resp: 115080

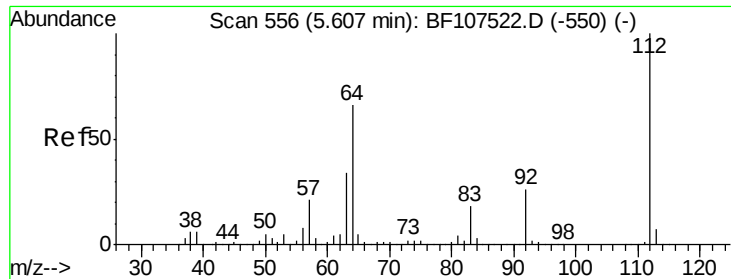
Ion Ratio Lower Upper

42 100

74 124.9 104.9 157.3

44 8.2 6.9 10.3





#5

2-Fluorophenol

Concen: 71.124 ng

RT: 5.60 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF107733.D

Acq: 27 Jul 2018 7:44

Instrument :

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ClientSampleId :

PB111493BSD

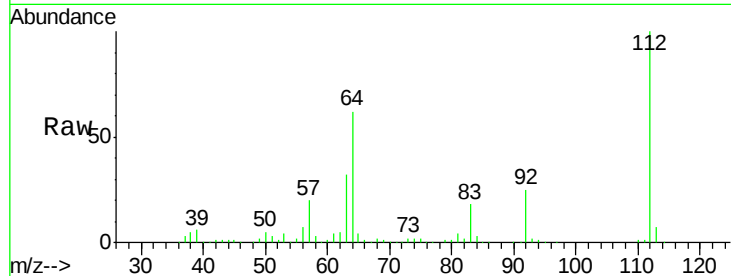
Tgt Ion: 112 Resp: 712478

Ion Ratio Lower Upper

112 100

64 61.9 47.9 71.9

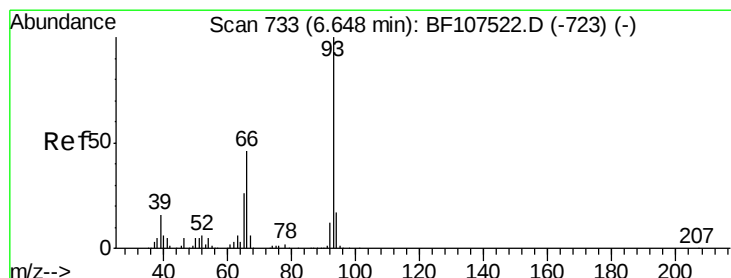
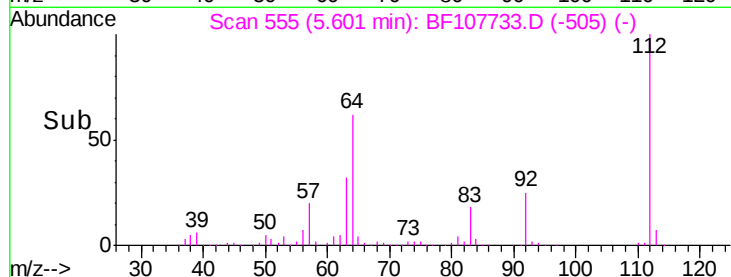
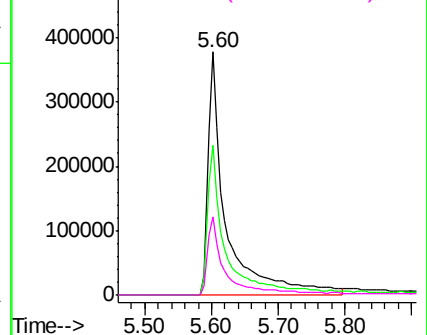
63 32.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 19.370 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF107733.D

Acq: 27 Jul 2018 7:44

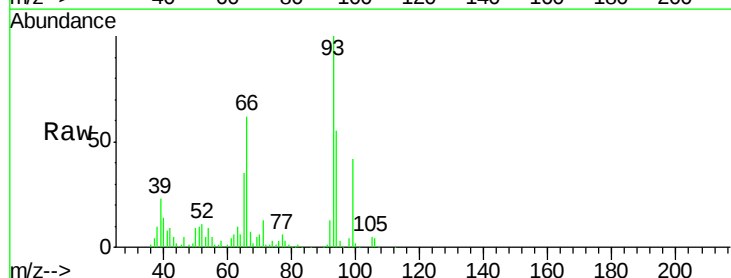
Tgt Ion: 93 Resp: 300498

Ion Ratio Lower Upper

93 100

66 62.4 32.2 48.2#

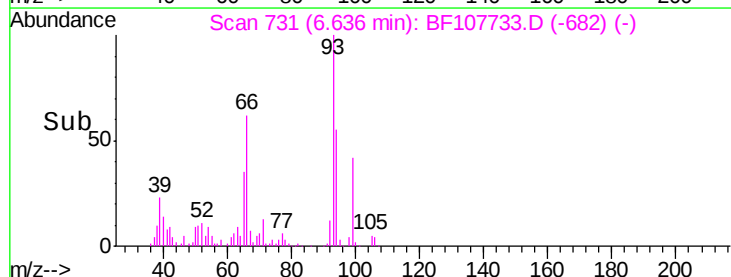
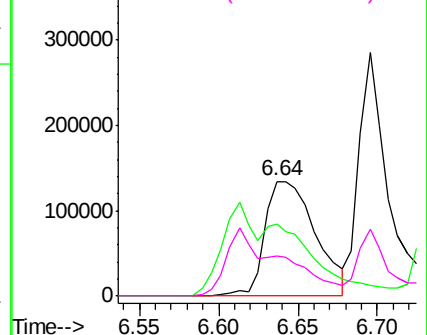
65 35.2 16.4 24.6#

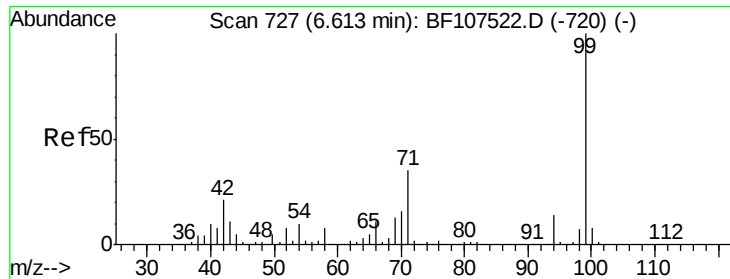


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.212 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107733.D

Acq: 27 Jul 2018 7:44

Instrument :

BNA_F

ClientSampleId :

PB111493BSD

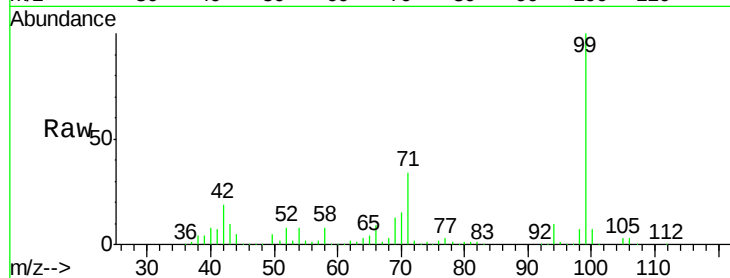
Tgt Ion: 99 Resp: 916704

Ion Ratio Lower Upper

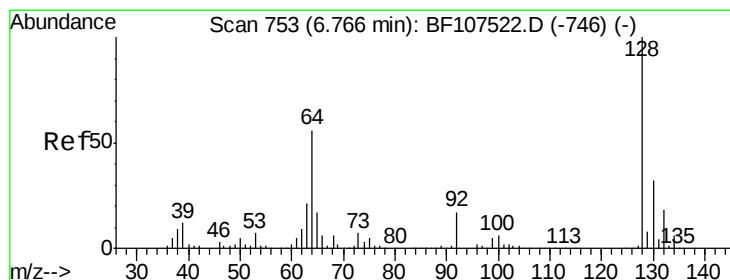
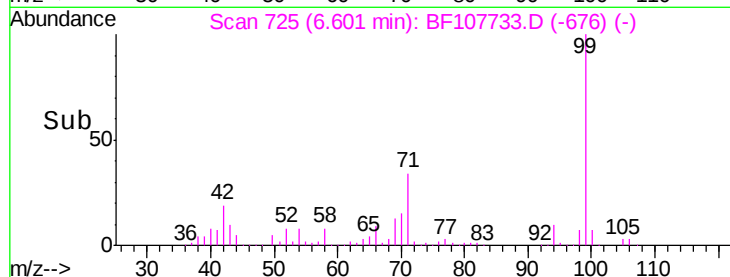
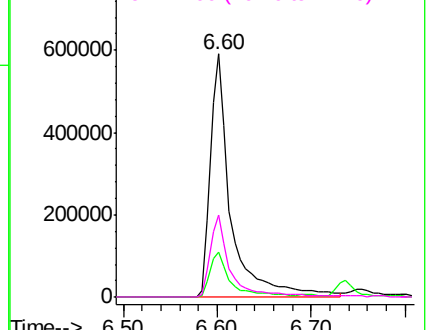
99 100

42 18.8 14.5 21.7

71 33.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.519 ng

RT: 6.75 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF107733.D

Acq: 27 Jul 2018 7:44

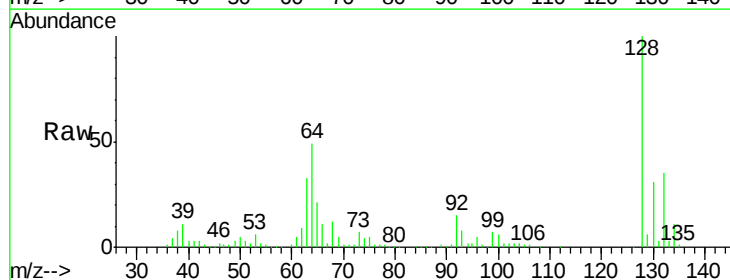
Tgt Ion: 128 Resp: 424130

Ion Ratio Lower Upper

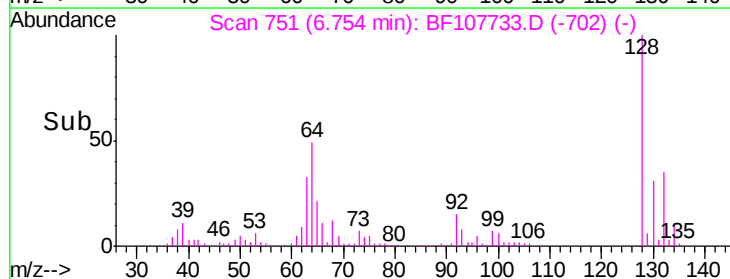
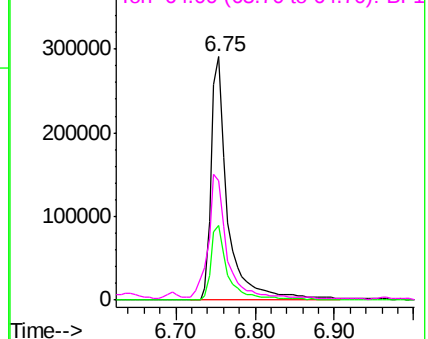
128 100

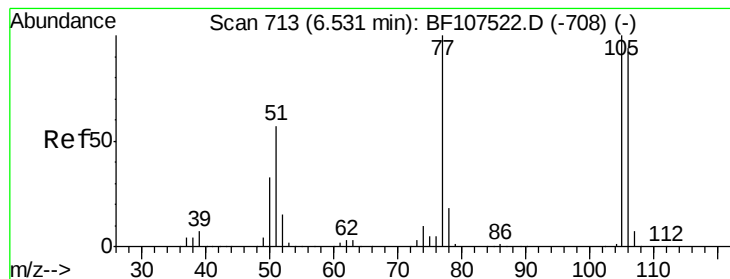
130 30.6 13.0 53.0

64 49.2 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 17.290 ng

RT: 6.52 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF107733.D

Acq: 27 Jul 2018 7:44

Instrument :

BNA_F

ClientSampleId :

PB111493BSD

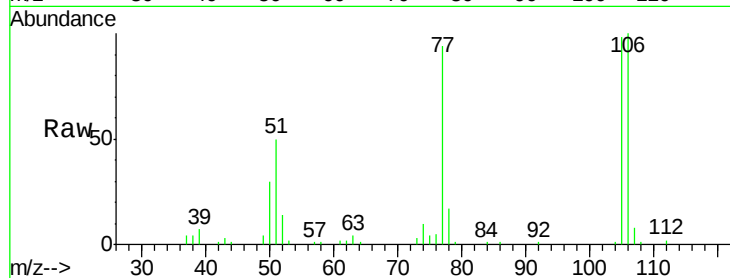
Tgt Ion: 77 Resp: 149538

Ion Ratio Lower Upper

77 100

105 104.2 81.1 121.1

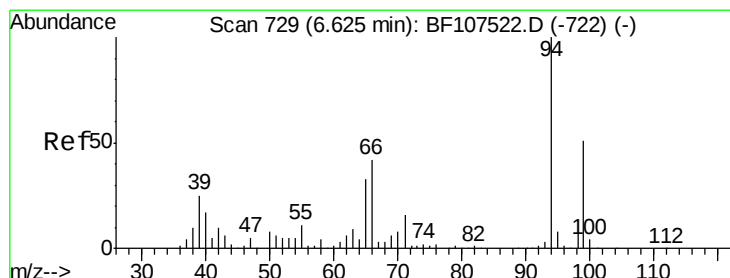
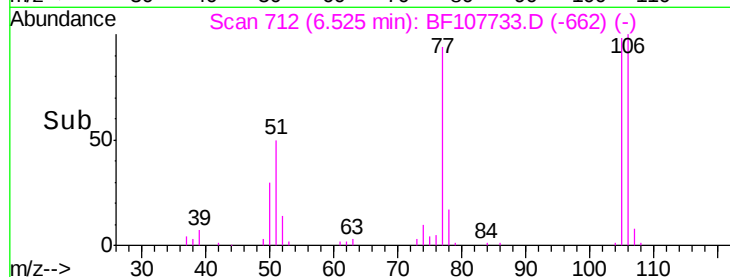
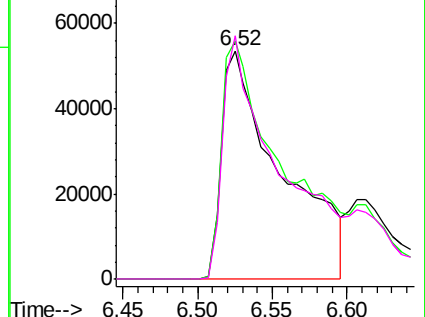
106 106.5 74.5 114.5



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: 32.107 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF107733.D

Acq: 27 Jul 2018 7:44

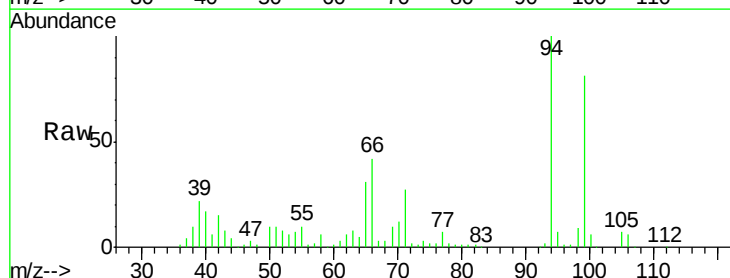
Tgt Ion: 94 Resp: 454183

Ion Ratio Lower Upper

94 100

65 30.8 7.9 47.9

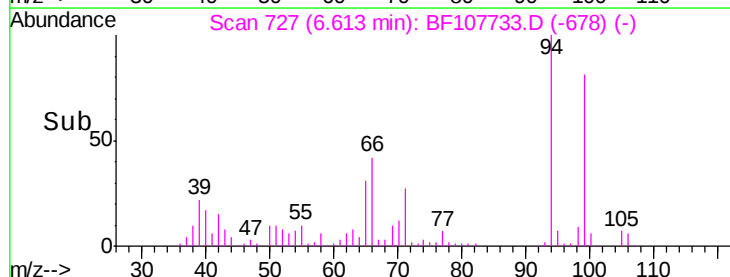
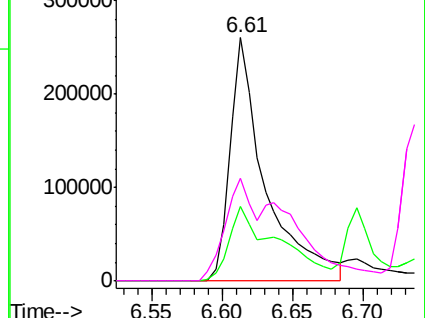
66 42.4 16.2 56.2

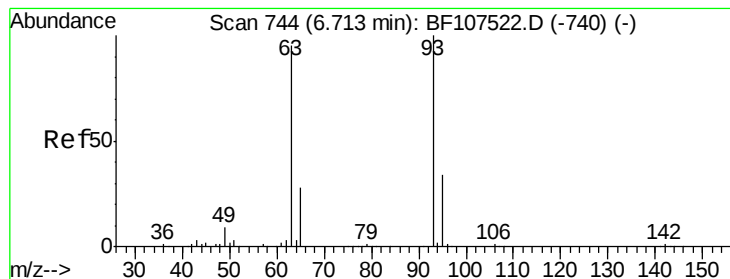


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



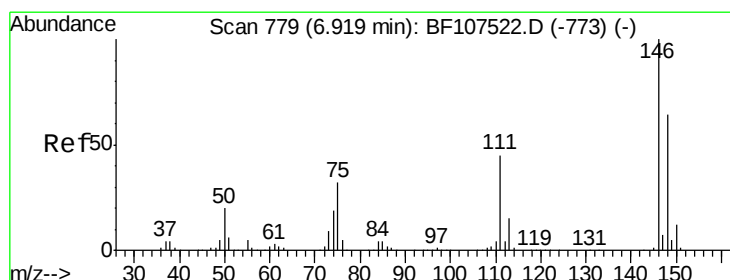
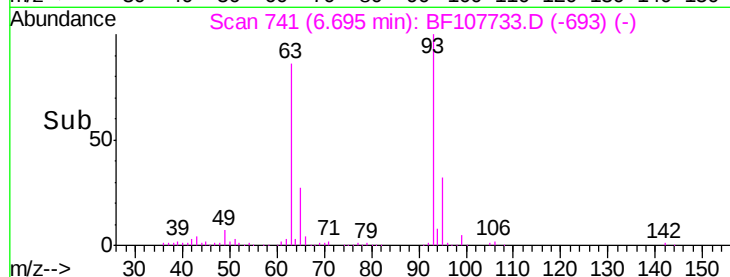
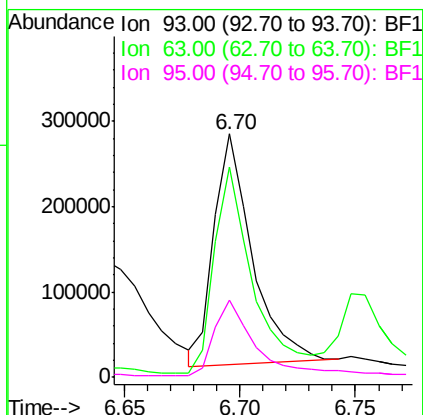
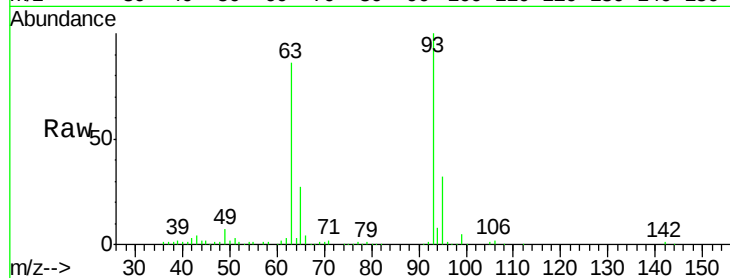


#11

bis(2-Chloroethyl)ether
 Concen: 26.730 ng
 RT: 6.70 min Scan# 741
 Delta R.T. -0.02 min
 Lab File: BF107733.D
 Acq: 27 Jul 2018 7:44

Instrument :
 BNA_F
 ClientSampleId :
 PB111493BSD

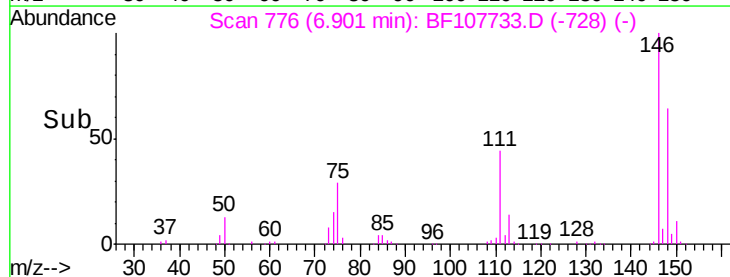
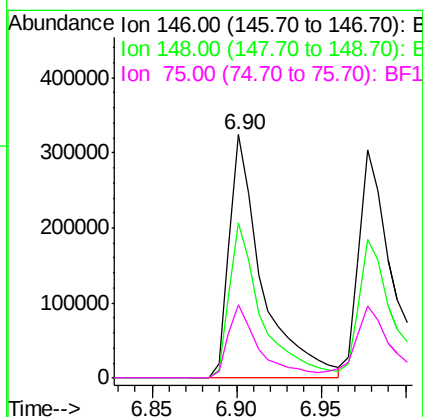
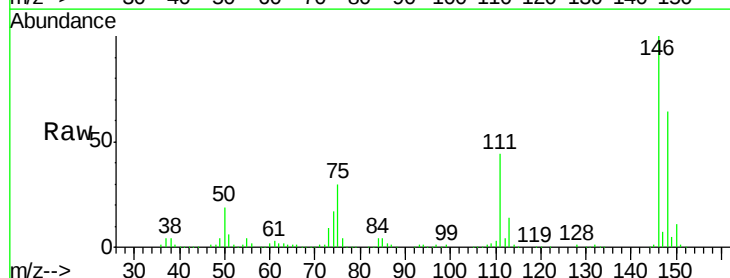
Tgt Ion: 93 Resp: 313495
 Ion Ratio Lower Upper
 93 100
 63 86.2 58.6 98.6
 95 31.7 11.8 51.8

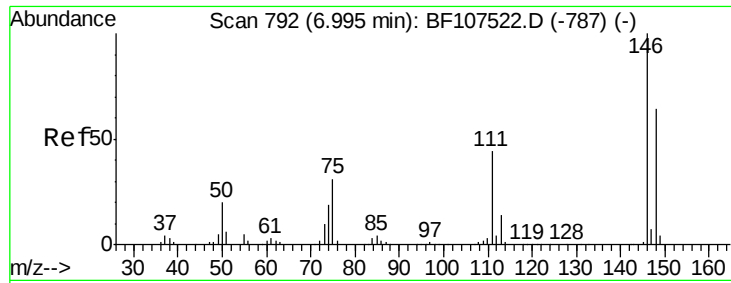


#12

1,3-Dichlorobenzene
 Concen: 35.889 ng
 RT: 6.90 min Scan# 776
 Delta R.T. -0.02 min
 Lab File: BF107733.D
 Acq: 27 Jul 2018 7:44

Tgt Ion: 146 Resp: 436700
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.8 77.8
 75 30.1 24.2 36.4

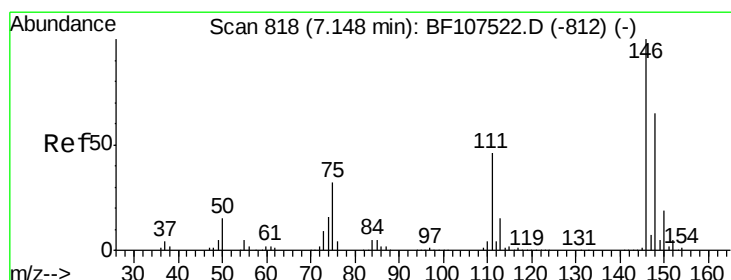
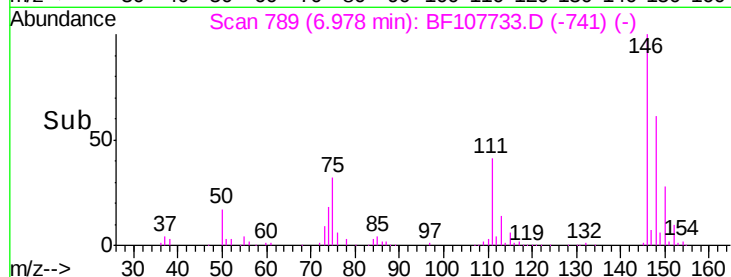
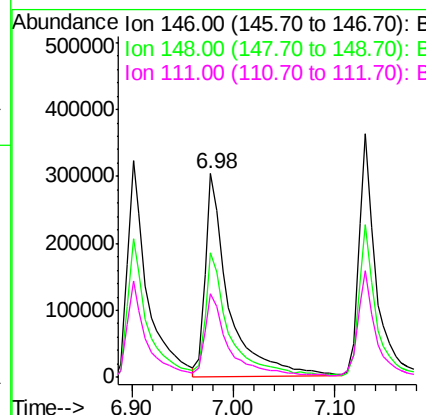
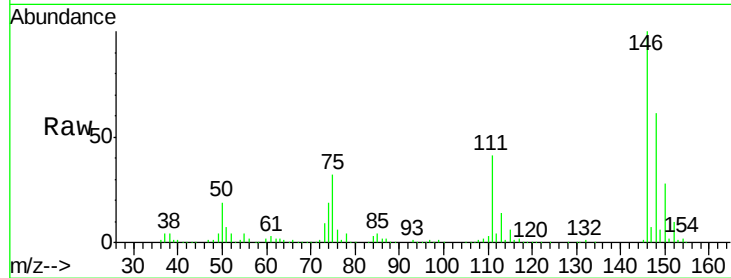




#13
 1,4-Dichlorobenzene
 Concen: 39.154 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.02 min
 Lab File: BF107733.D
 Acq: 27 Jul 2018 7:44

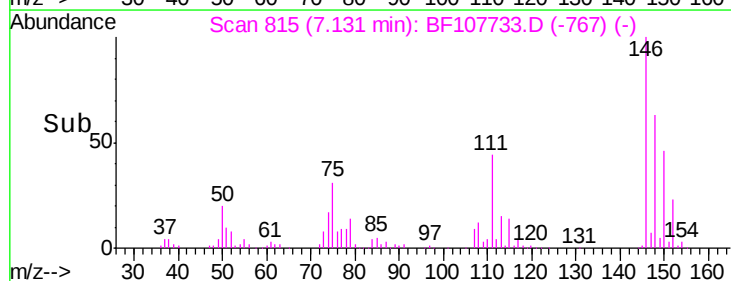
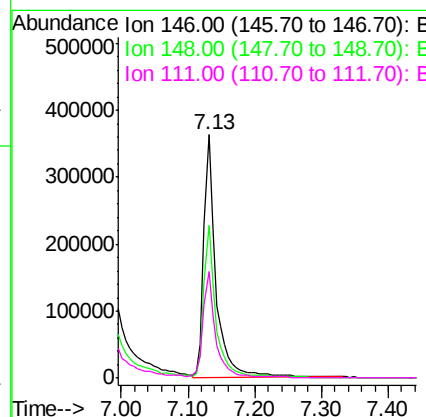
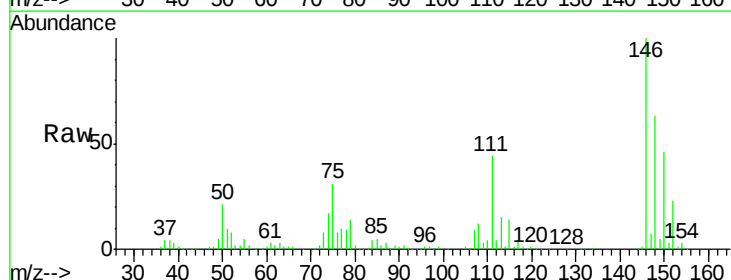
Instrument :
 BNA_F
 ClientSampleId :
 PB111493BSD

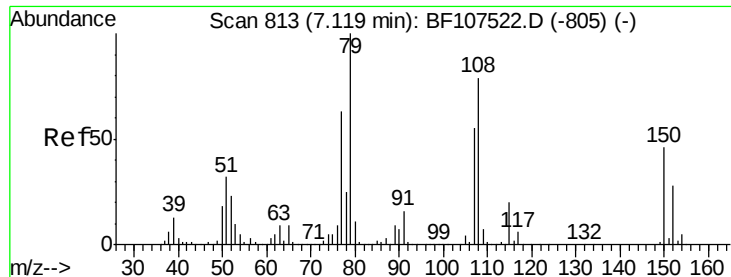
Tgt Ion:146 Resp: 488314
 Ion Ratio Lower Upper
 146 100
 148 60.9 50.8 76.2
 111 41.1 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 39.454 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF107733.D
 Acq: 27 Jul 2018 7:44

Tgt Ion:146 Resp: 441571
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.6 75.8
 111 43.6 36.0 54.0

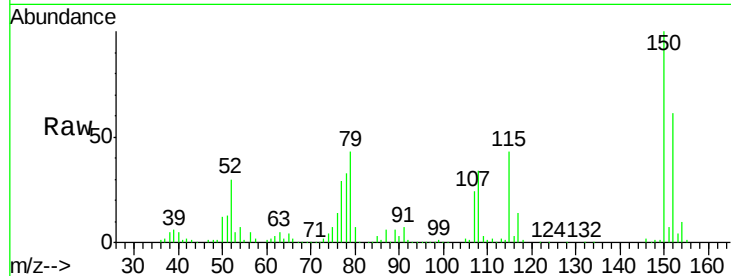




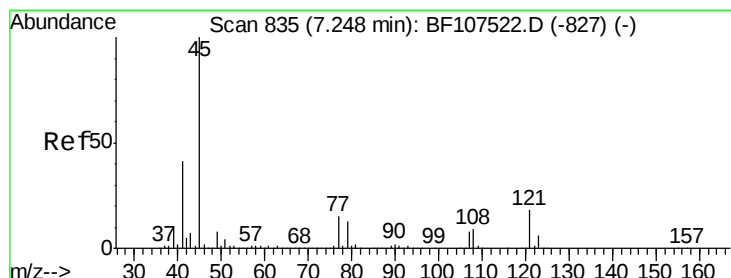
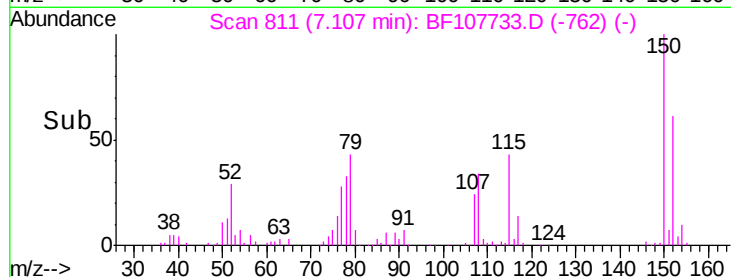
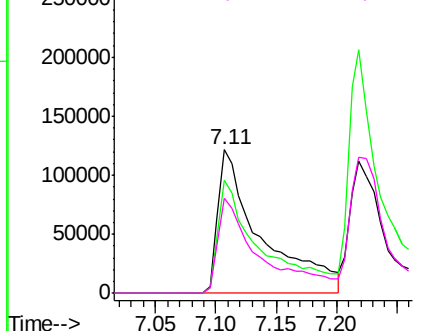
#15
Benzyl Alcohol
Concen: 36.974 ng
RT: 7.11 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF107733.D
Acq: 27 Jul 2018 7:44

Instrument :
BNA_F
ClientSampleId :
PB111493BSD

Tgt Ion: 79 Resp: 303100
Ion Ratio Lower Upper
79 100
108 79.2 65.1 97.7
77 66.3 50.6 75.8

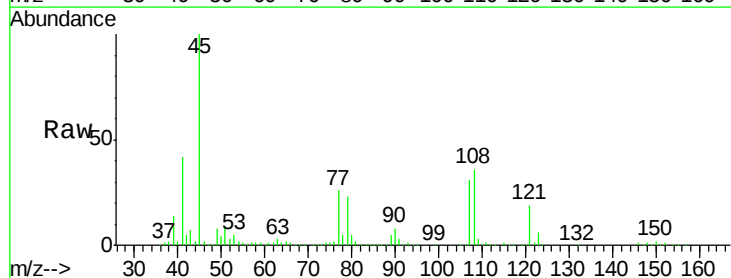


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

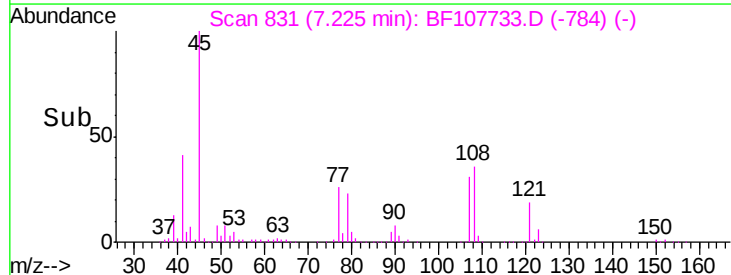
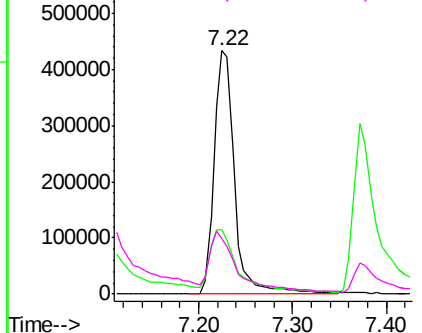


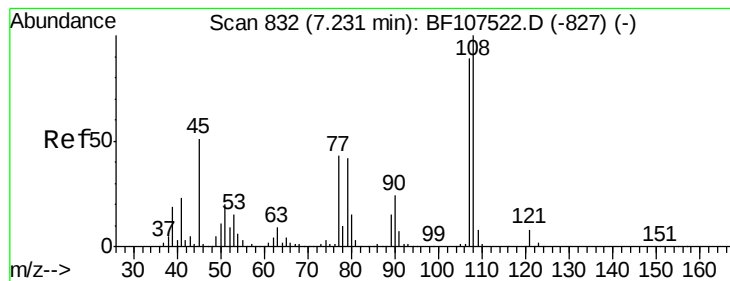
#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.433 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF107733.D
Acq: 27 Jul 2018 7:44

Tgt Ion: 45 Resp: 661490
Ion Ratio Lower Upper
45 100
77 26.2 0.0 32.9
79 22.9 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

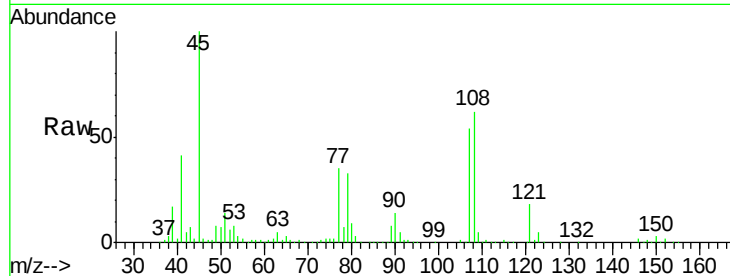




#17
2-Methylphenol
Concen: 37.004 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107733.D
Acq: 27 Jul 2018 7:44

Instrument :
BNA_F
ClientSampleId :
PB111493BSD

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.7	137.5
77	63.9	33.8	50.8#
79	61.7	33.8	50.8#



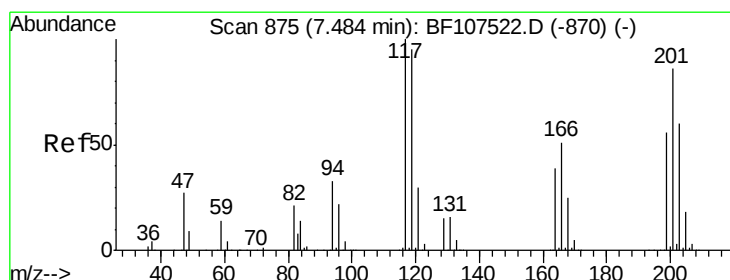
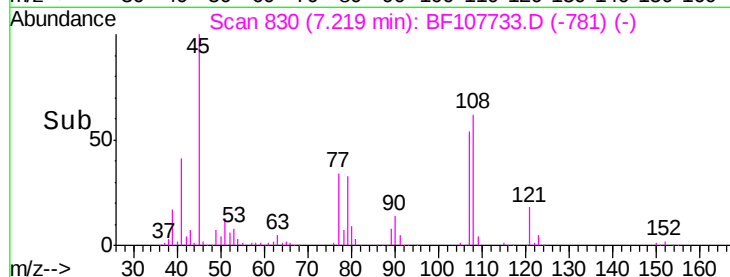
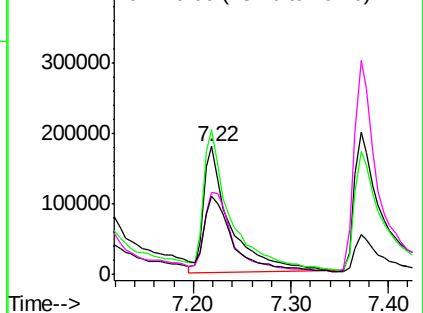
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

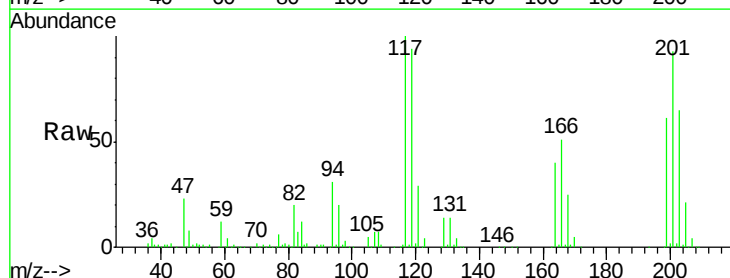
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 37.437 ng
RT: 7.47 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF107733.D
Acq: 27 Jul 2018 7:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.8	113.8
201	93.3	75.7	113.5

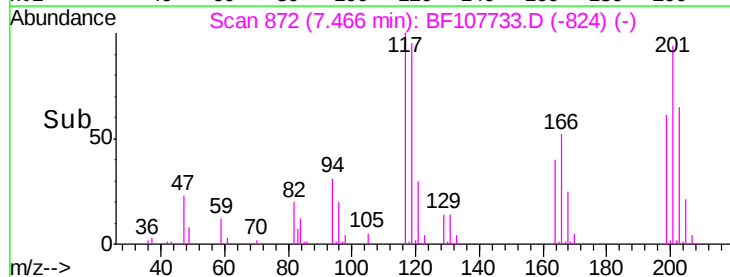
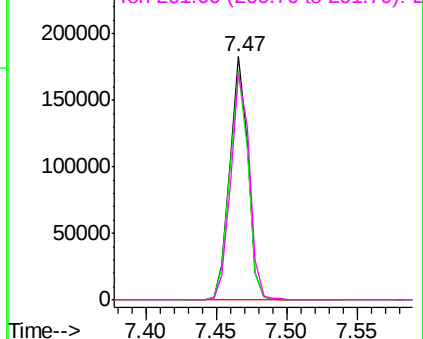


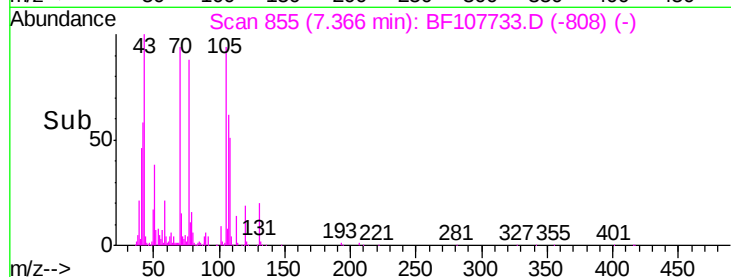
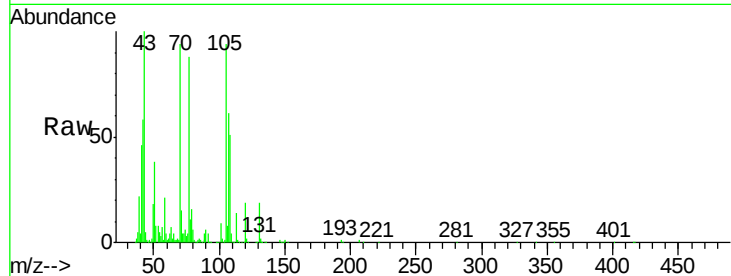
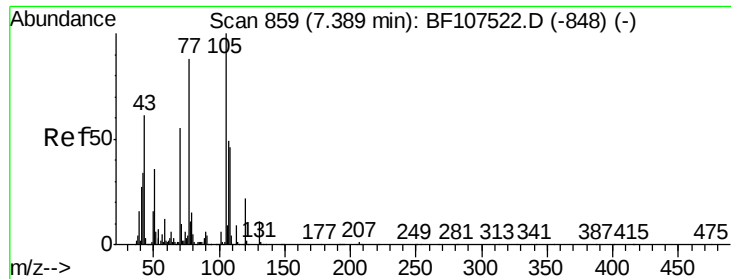
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

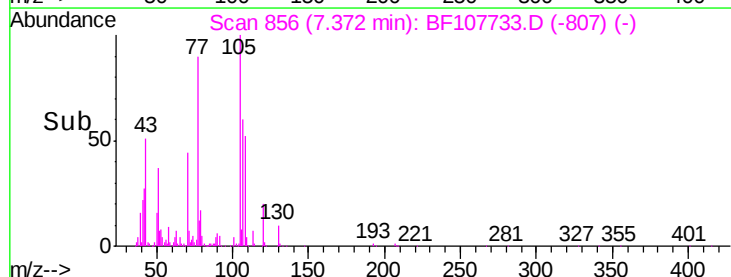
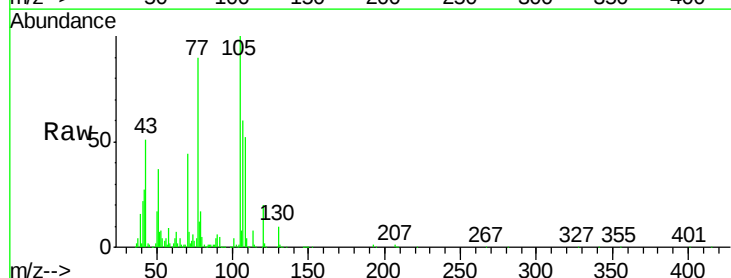
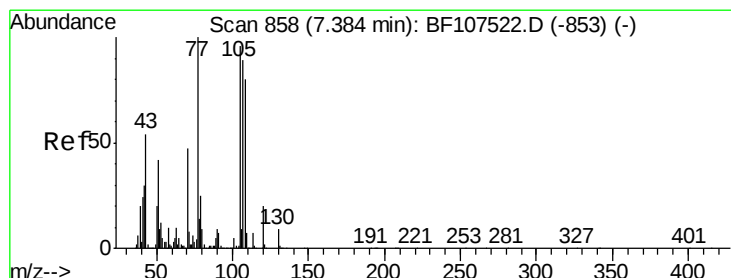
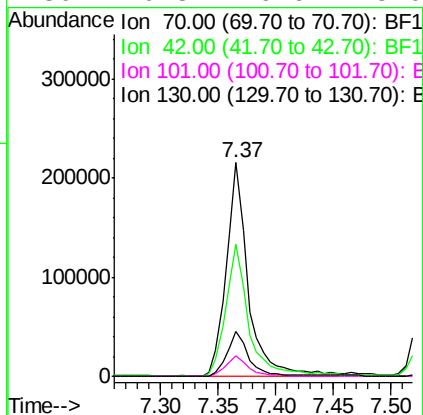




#19
n-Nitroso-di-n-propylamine
Concen: 36.604 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF107733.D
Acq: 27 Jul 2018 7:44

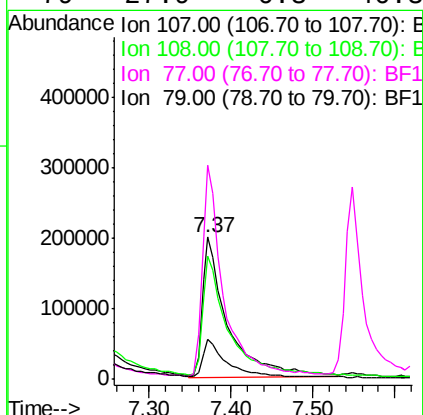
Instrument :
BNA_F
ClientSampleId :
PB111493BSD

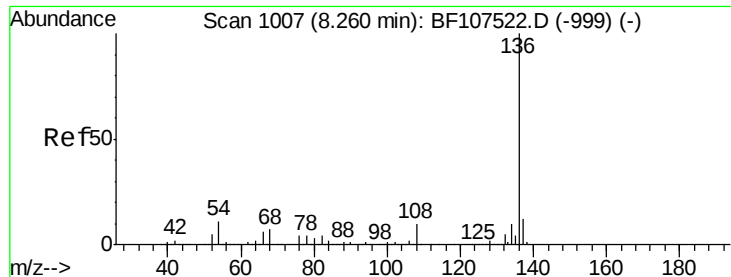
Tgt Ion:	70	Resp:	284430
Ion	Ratio	Lower	Upper
70	100		
42	61.9	47.5	71.3
101	9.8	7.4	11.2
130	20.8	16.6	25.0



#20
3+4-Methylphenols
Concen: 39.996 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF107733.D
Acq: 27 Jul 2018 7:44

Tgt Ion:	107	Resp:	433216
Ion	Ratio	Lower	Upper
107	100		
108	86.7	68.2	108.2
77	150.5	26.7	66.7#
79	27.9	6.3	46.3

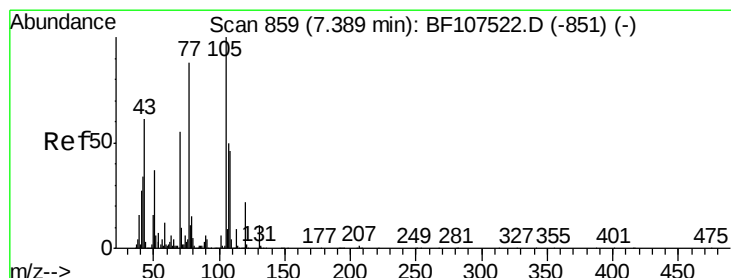
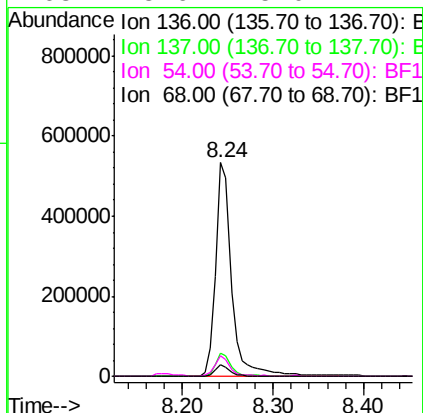
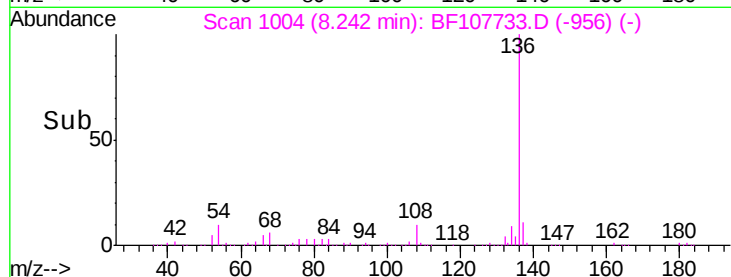
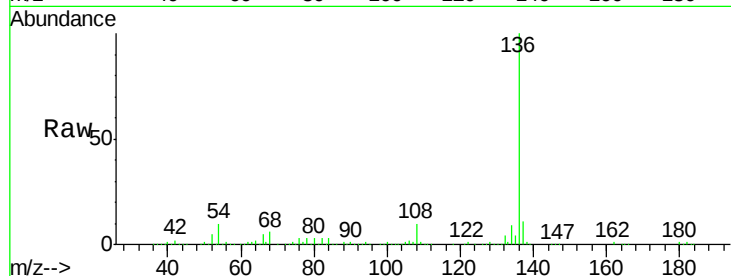




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107733.D
Acq: 27 Jul 2018 7:44

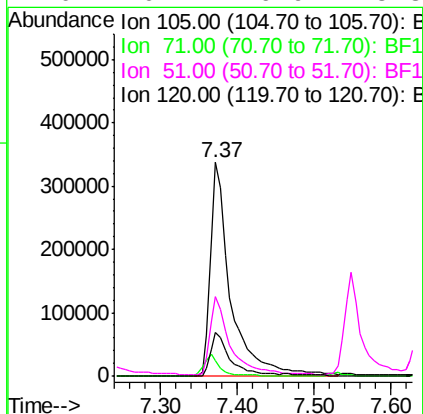
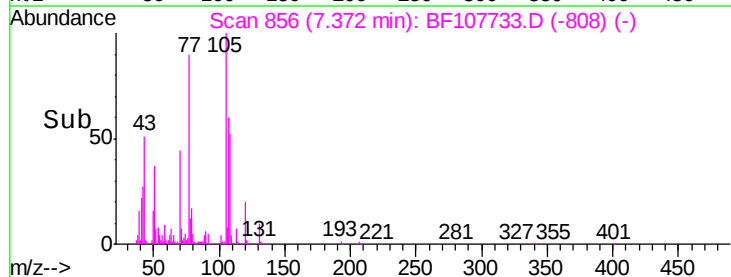
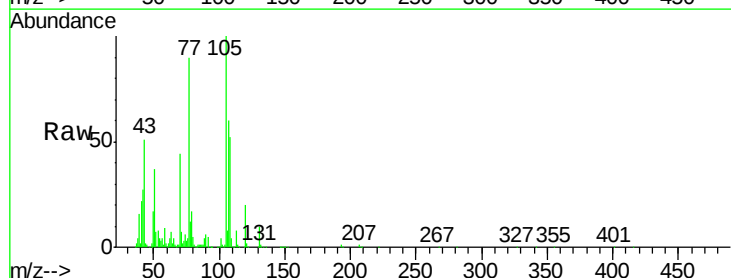
Instrument :
BNA_F
ClientSampleId :
PB111493BSD

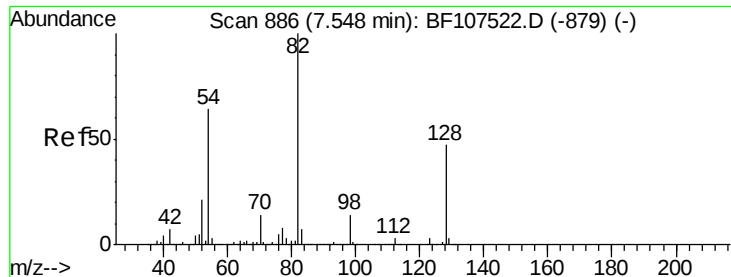
Tgt Ion:	136	Resp:	655644
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.7	6.6	9.8
68	5.6	5.0	7.4



#22
Acetophenone
Concen: 39.794 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.02 min
Lab File: BF107733.D
Acq: 27 Jul 2018 7:44

Tgt Ion:	105	Resp:	612747
Ion	Ratio	Lower	Upper
105	100		
71	7.3	4.4	6.6#
51	37.3	22.3	33.5#
120	20.4	16.9	25.3

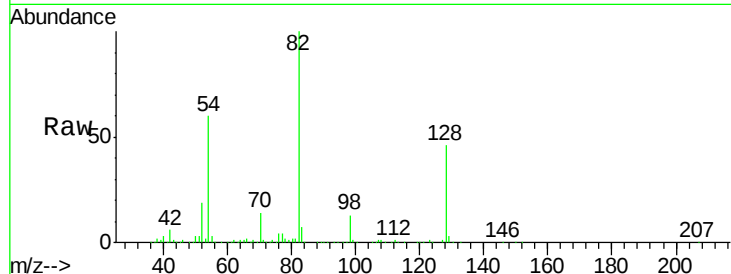




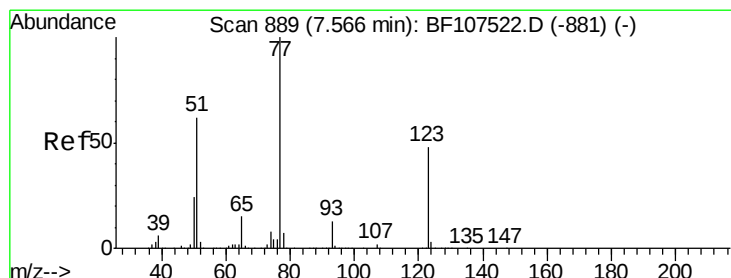
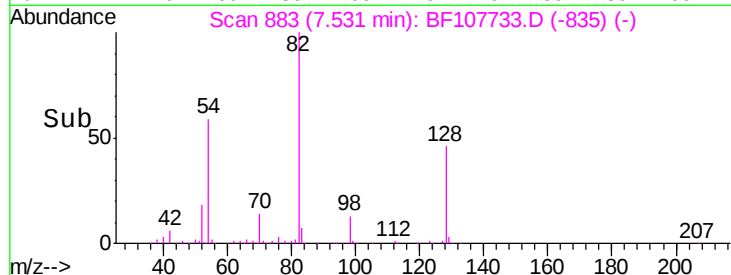
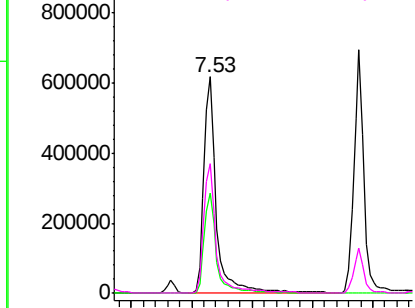
#23
 Nitrobenzene-d5
 Concen: 92.687 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF107733.D
 Acq: 27 Jul 2018 7:44

Instrument :
 BNA_F
 ClientSampleId :
 PB111493BSD

Tgt Ion: 82 Resp: 900454
 Ion Ratio Lower Upper
 82 100
 128 46.1 36.1 54.1
 54 59.6 41.4 62.2

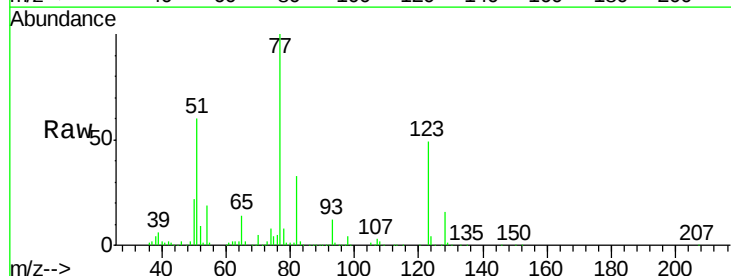


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

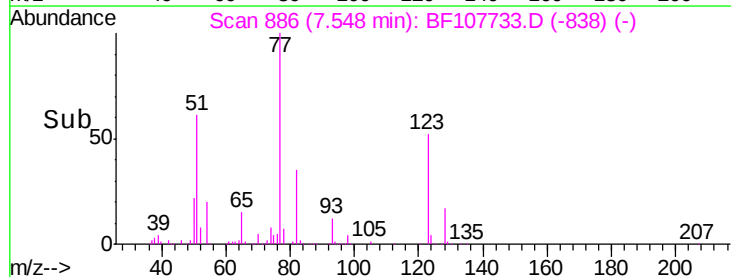
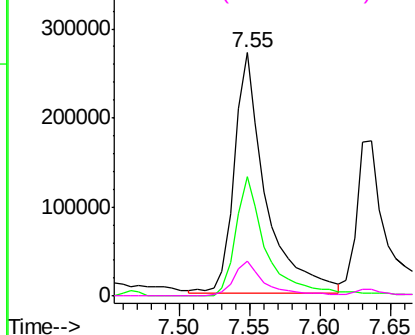


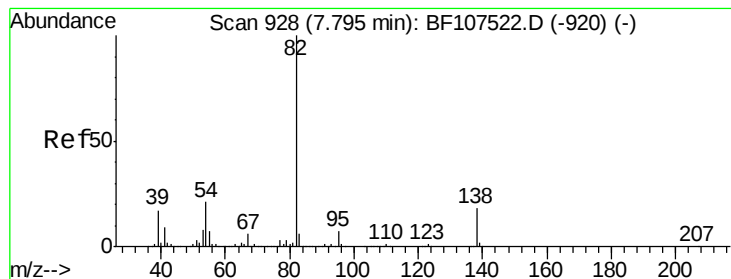
#24
 Nitrobenzene
 Concen: 37.497 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF107733.D
 Acq: 27 Jul 2018 7:44

Tgt Ion: 77 Resp: 417236
 Ion Ratio Lower Upper
 77 100
 123 48.8 37.9 56.9
 65 14.2 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: 38.131 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF107733.D

Acq: 27 Jul 2018 7:44

Instrument :

BNA_F

ClientSampleId :

PB111493BSD

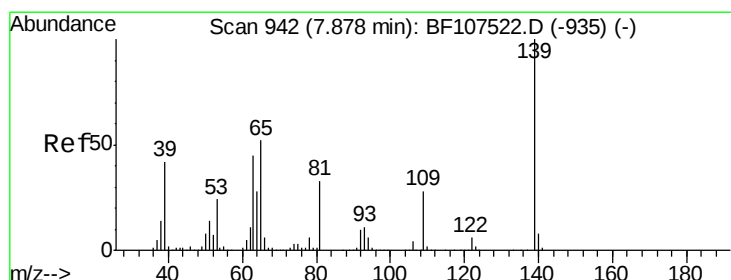
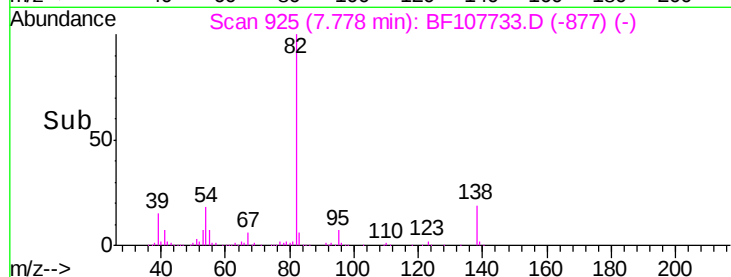
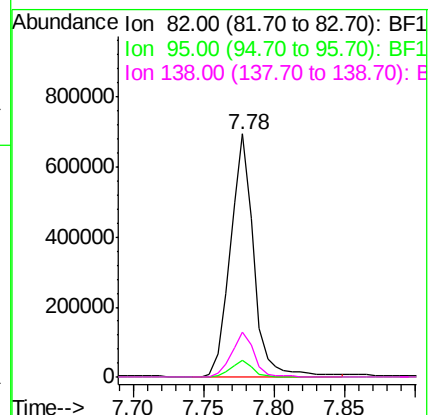
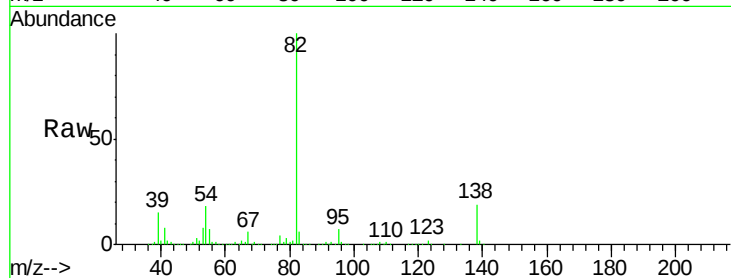
Tgt Ion: 82 Resp: 790958

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 18.7 14.9 22.3



#26

2-Nitrophenol

Concen: 51.649 ng

RT: 7.87 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF107733.D

Acq: 27 Jul 2018 7:44

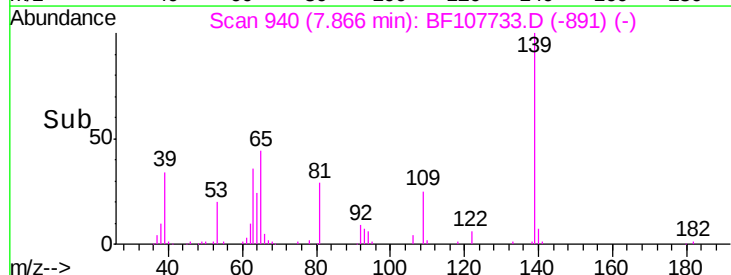
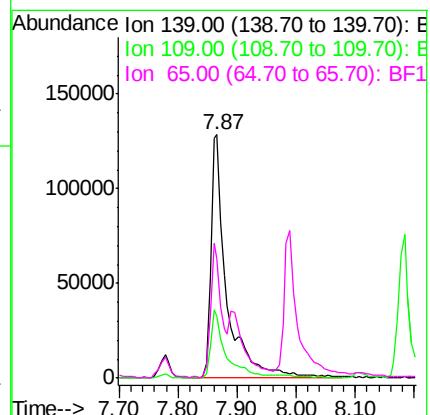
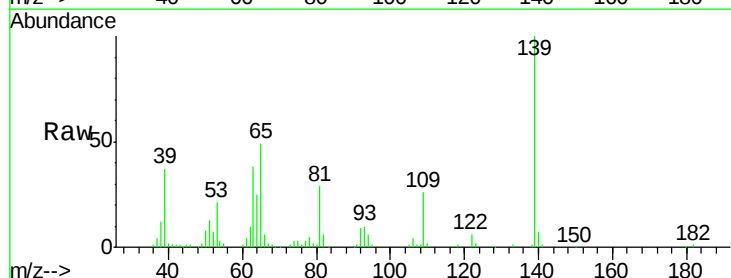
Tgt Ion: 139 Resp: 242698

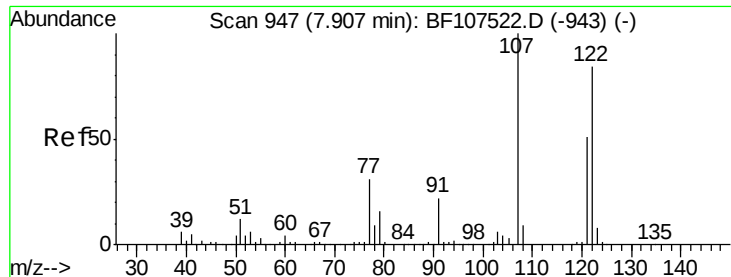
Ion Ratio Lower Upper

139 100

109 25.6 22.7 34.1

65 49.1 40.5 60.7

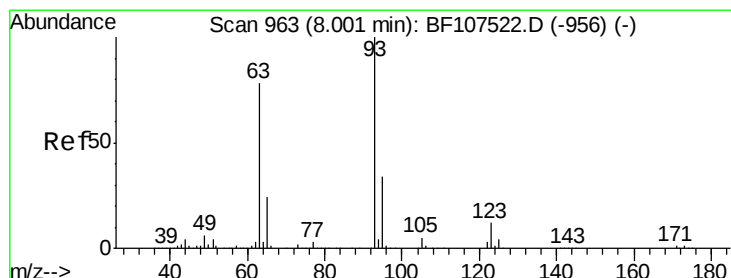
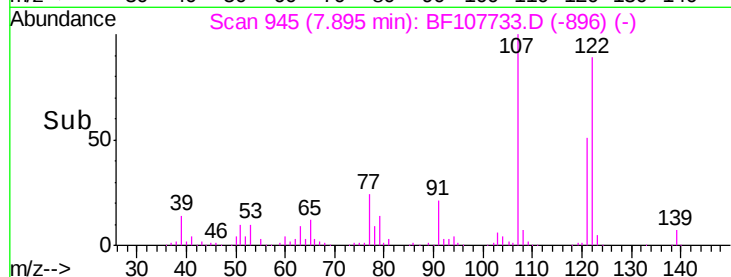
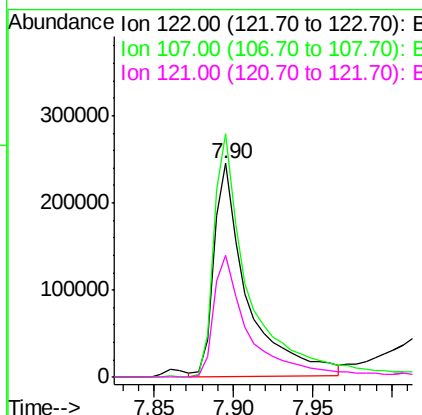
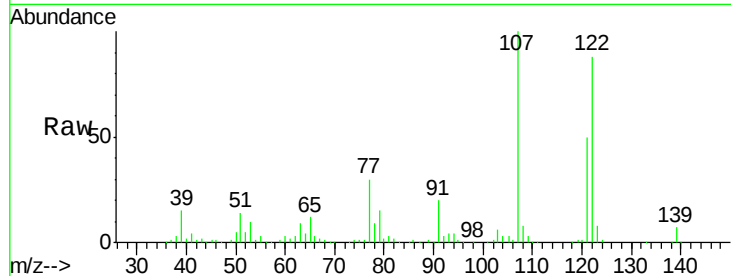




#27
 2,4-Dimethylphenol
 Concen: 40.421 ng
 RT: 7.90 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF107733.D
 Acq: 27 Jul 2018 7:44

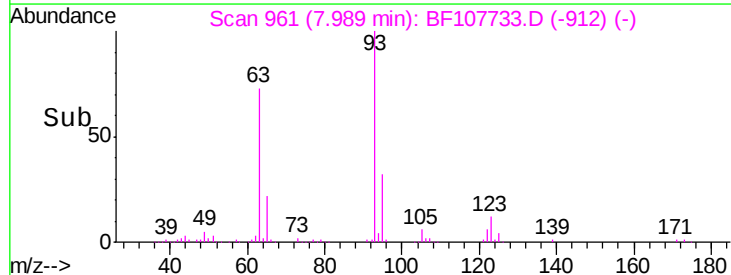
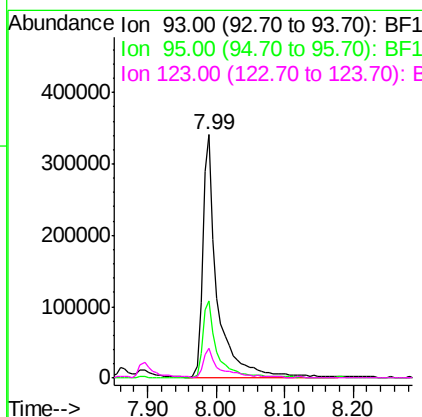
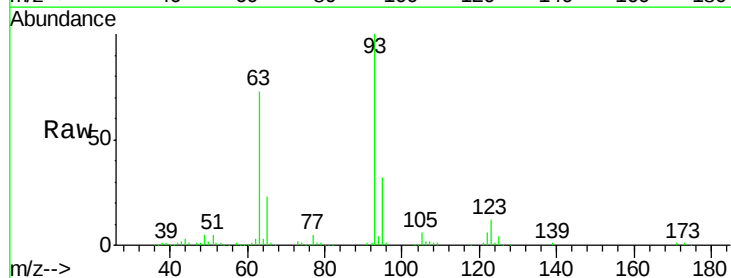
Instrument :
 BNA_F
 ClientSampleId :
 PB111493BSD

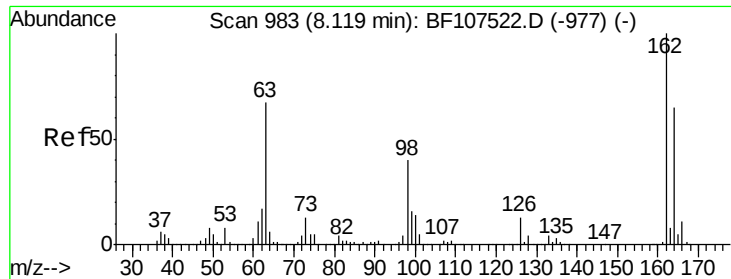
Tgt Ion: 122 Resp: 359531
 Ion Ratio Lower Upper
 122 100
 107 113.8 91.2 136.8
 121 57.2 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.338 ng
 RT: 7.99 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF107733.D
 Acq: 27 Jul 2018 7:44

Tgt Ion: 93 Resp: 503730
 Ion Ratio Lower Upper
 93 100
 95 31.7 26.3 39.5
 123 12.0 9.8 14.6

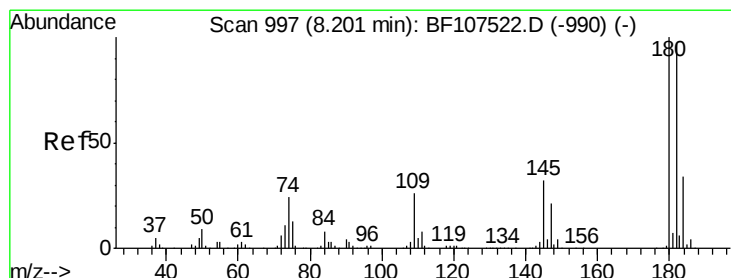
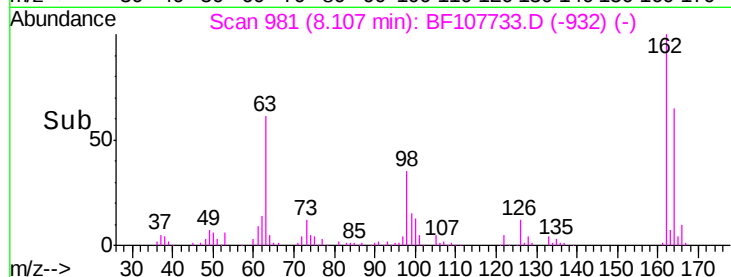
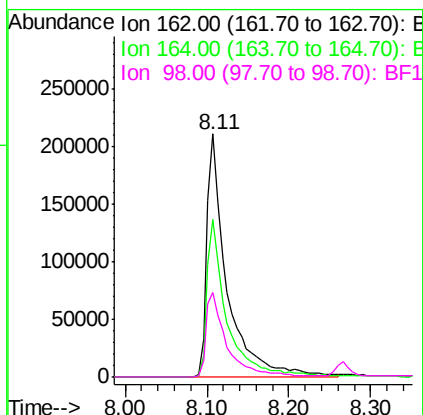
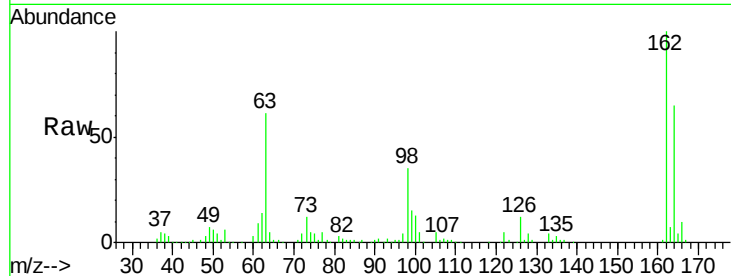




#29
2,4-Dichlorophenol
Concen: 39.901 ng
RT: 8.11 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF107733.D
Acq: 27 Jul 2018 7:44

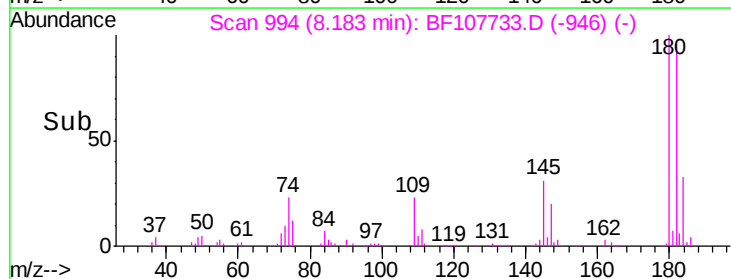
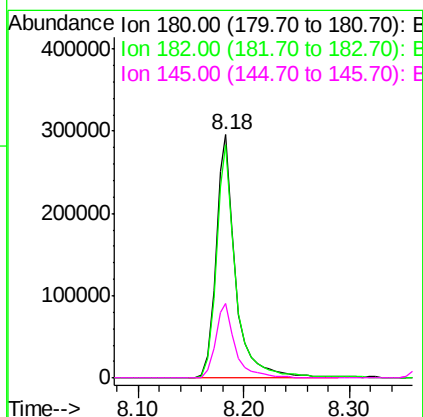
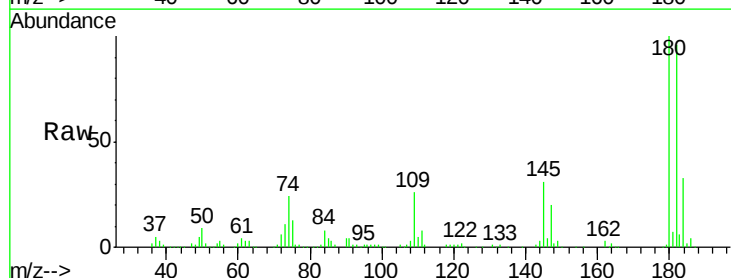
Instrument :
BNA_F
ClientSampleId :
PB111493BSD

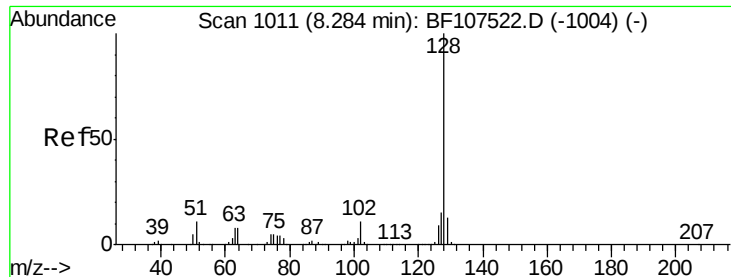
Tgt Ion:162 Resp: 362745
Ion Ratio Lower Upper
162 100
164 64.7 42.7 82.7
98 34.8 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 37.800 ng
RT: 8.18 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF107733.D
Acq: 27 Jul 2018 7:44

Tgt Ion:180 Resp: 385972
Ion Ratio Lower Upper
180 100
182 95.9 76.8 115.2
145 30.8 26.5 39.7

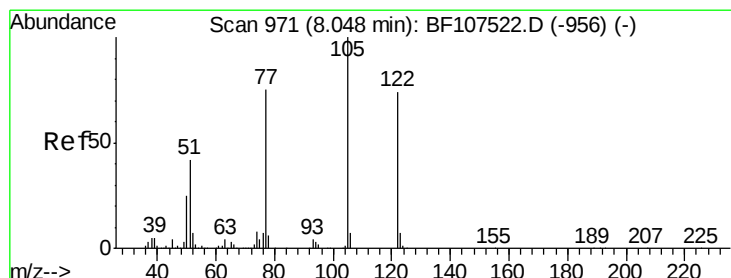
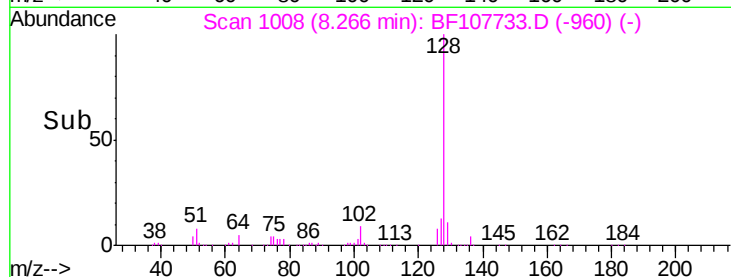
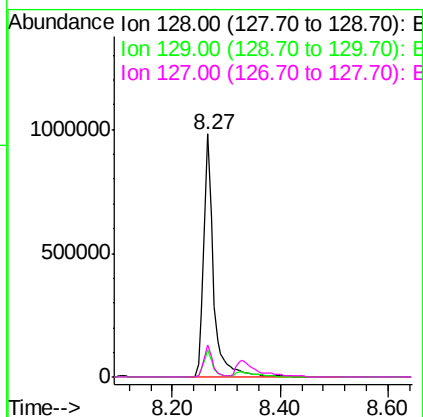
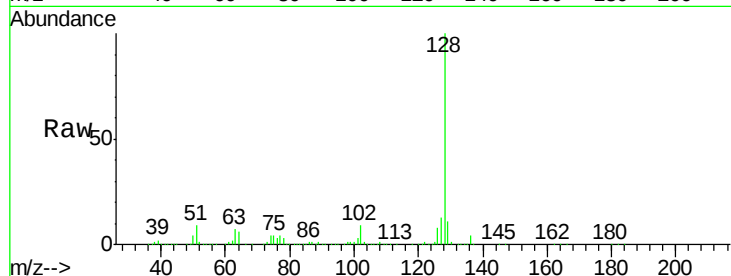




#31
Naphthalene
Concen: 44.031 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF107733.D
Acq: 27 Jul 2018 7:44

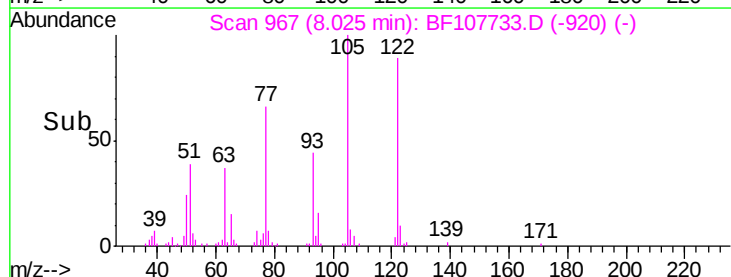
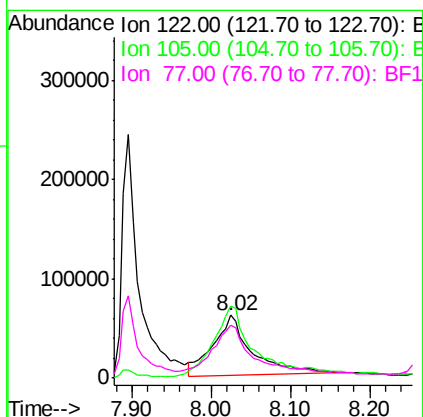
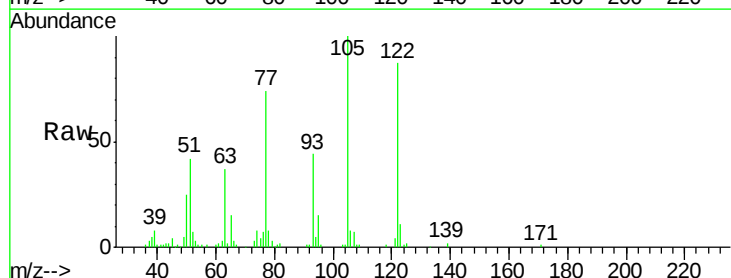
Instrument :
BNA_F
ClientSampleId :
PB111493BSD

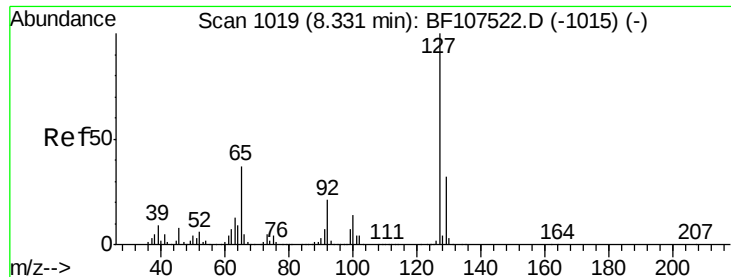
Tgt Ion:128 Resp: 1269465
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.3 10.9 16.3



#32
Benzoic acid
Concen: 34.881 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF107733.D
Acq: 27 Jul 2018 7:44

Tgt Ion:122 Resp: 200548
Ion Ratio Lower Upper
122 100
105 114.4 101.1 141.1
77 84.7 70.7 110.7

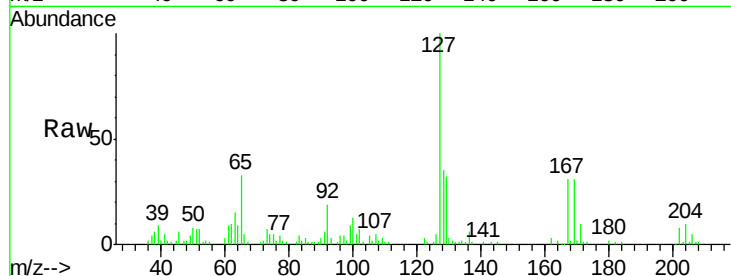




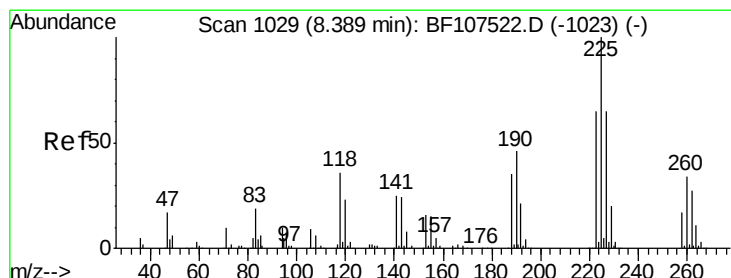
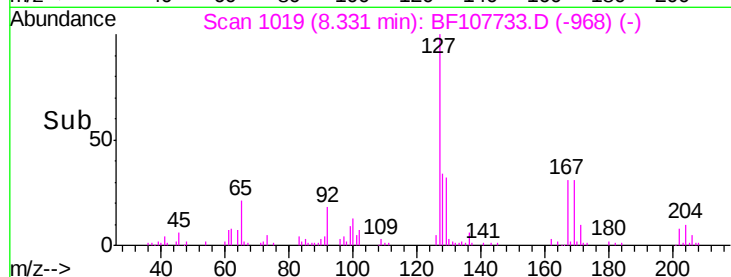
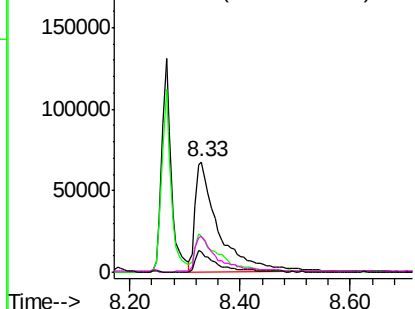
#33
4-Chloroaniline
Concen: 15.557 ng
RT: 8.33 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF107733.D
Acq: 27 Jul 2018 7:44

Instrument :
BNA_F
ClientSampleId :
PB111493BSD

Tgt Ion:	127	Resp:	196047
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	32.7	25.0	37.4
92	18.5	15.2	22.8

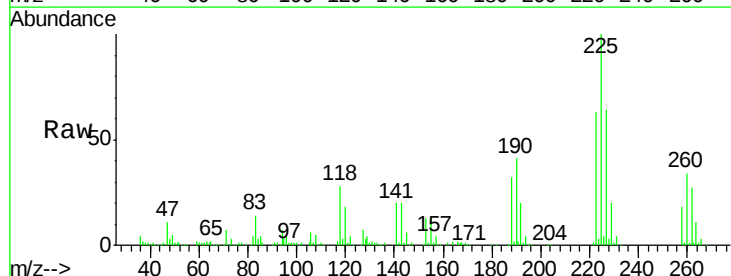


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

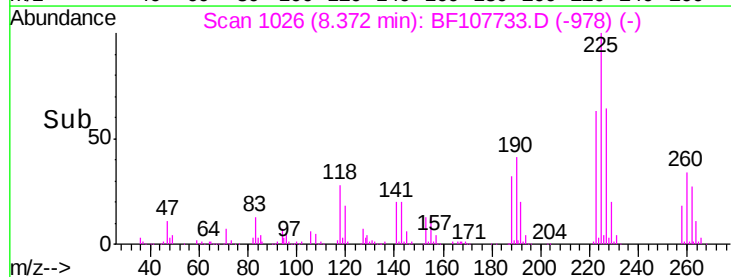
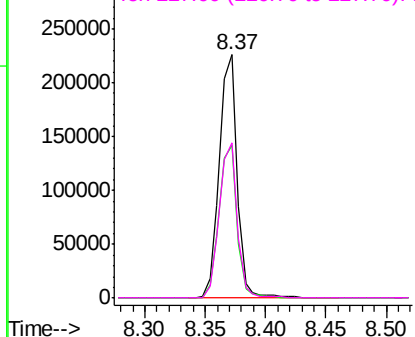


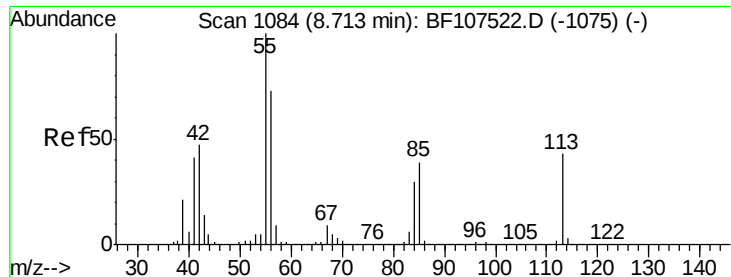
#34
Hexachlorobutadiene
Concen: 38.096 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF107733.D
Acq: 27 Jul 2018 7:44

Tgt Ion:	225	Resp:	231142
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	63.8	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

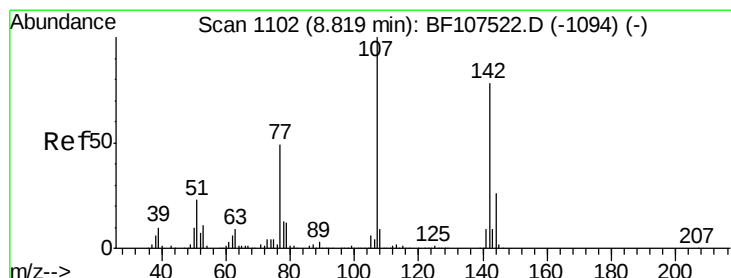
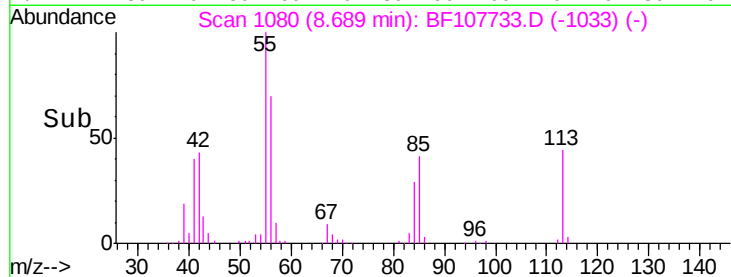
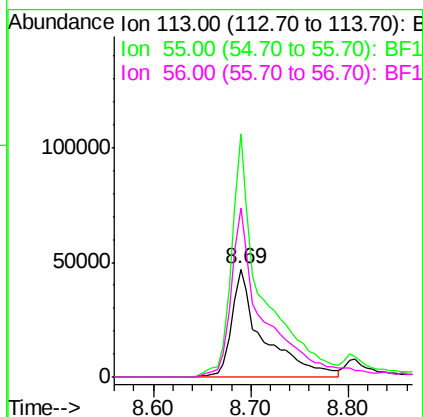
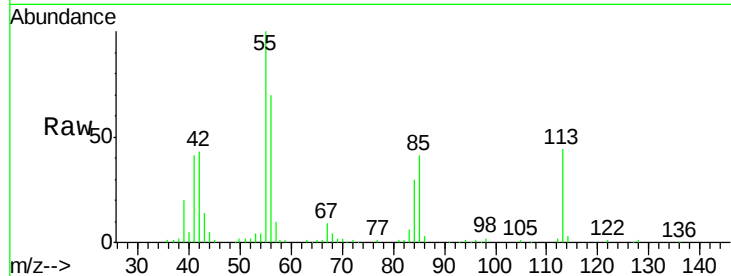




#35
 Caprolactam
 Concen: 35.737 ng
 RT: 8.69 min Scan# 1080
 Delta R.T. -0.02 min
 Lab File: BF107733.D
 Acq: 27 Jul 2018 7:44

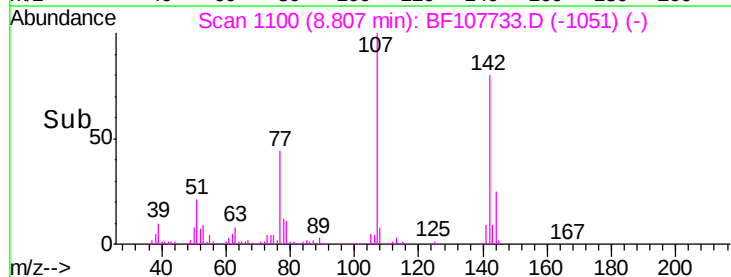
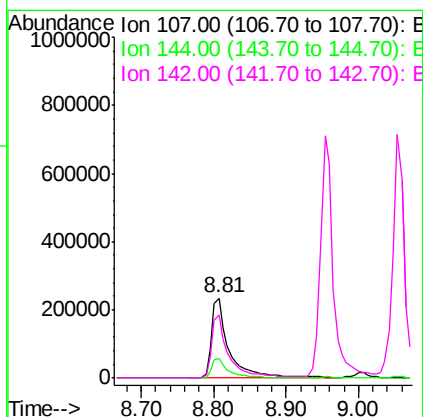
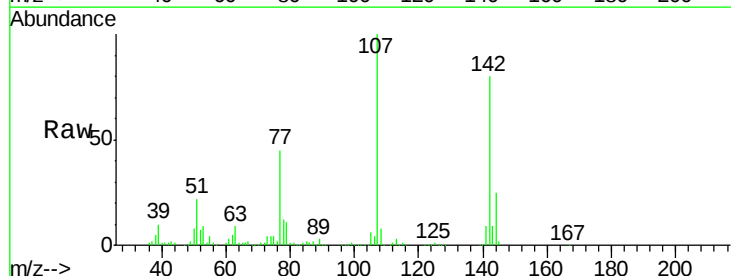
Instrument :
 BNA_F
 ClientSampleId :
 PB111493BSD

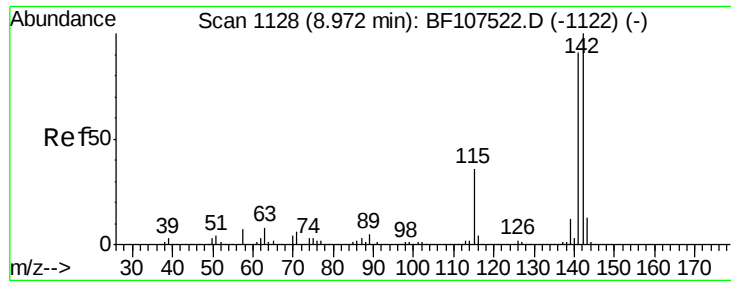
Tgt Ion:113 Resp: 105675
 Ion Ratio Lower Upper
 113 100
 55 224.9 163.3 203.3#
 56 156.5 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 39.195 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. -0.01 min
 Lab File: BF107733.D
 Acq: 27 Jul 2018 7:44

Tgt Ion:107 Resp: 395820
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.5 30.7
 142 79.5 62.0 93.0

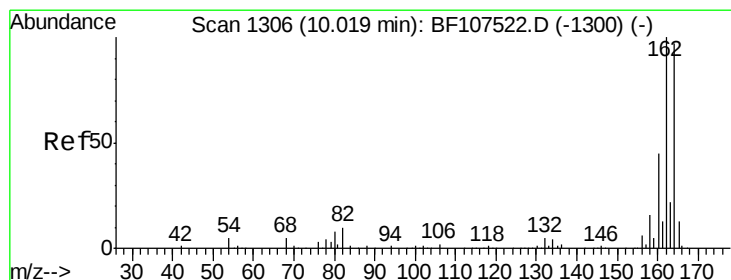
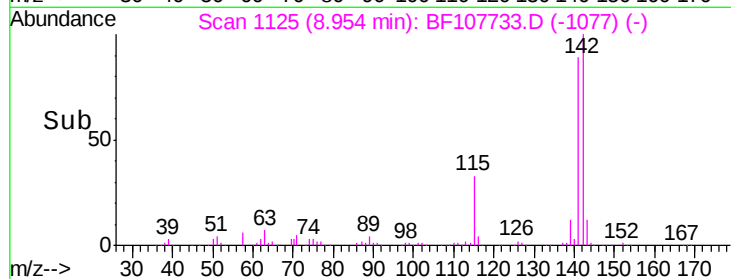
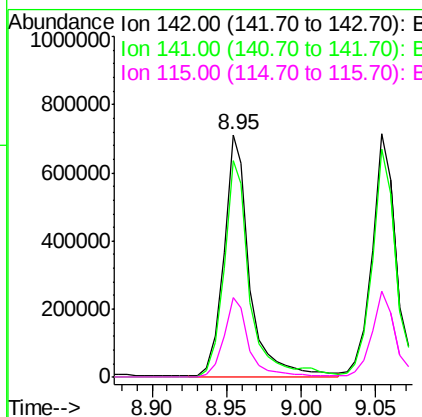
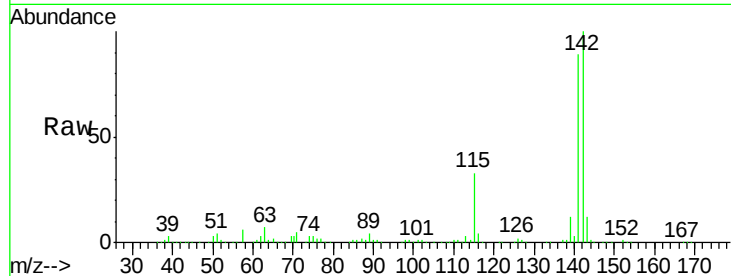




#37
2-Methylnaphthalene
Concen: 43.515 ng
RT: 8.95 min Scan# 1125
Delta R.T. -0.02 min
Lab File: BF107733.D
Acq: 27 Jul 2018 7:44

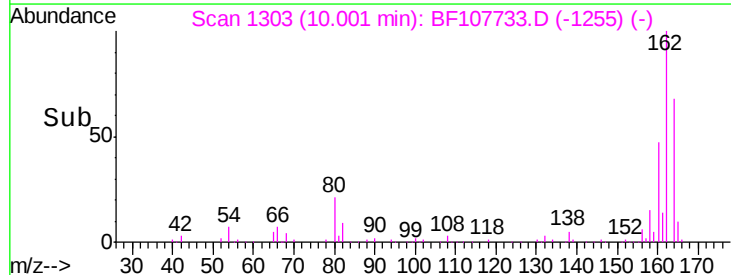
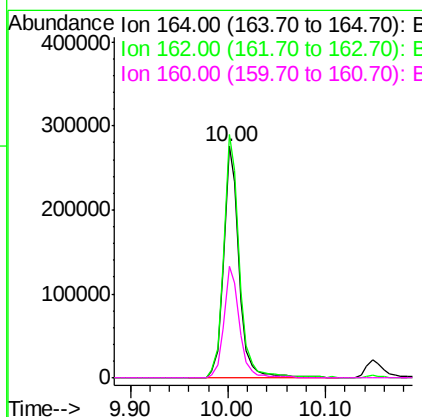
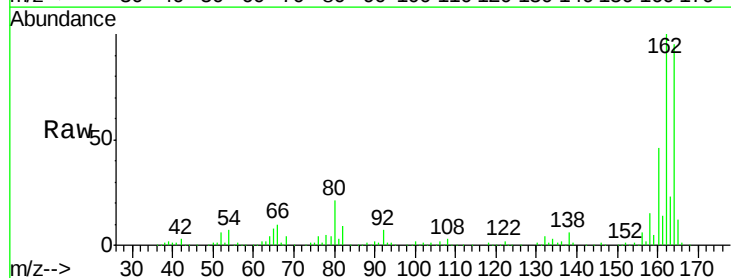
Instrument :
BNA_F
ClientSampleId :
PB111493BSD

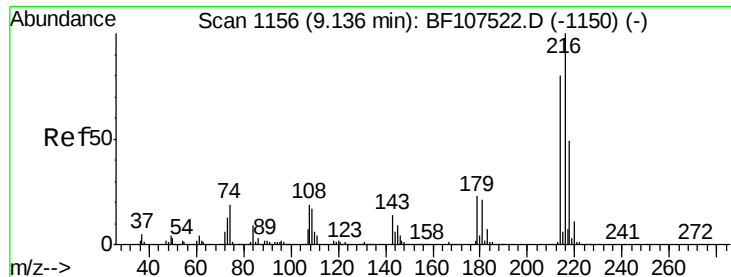
Tgt Ion:142 Resp: 869378
Ion Ratio Lower Upper
142 100
141 89.1 70.8 106.2
115 33.1 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF107733.D
Acq: 27 Jul 2018 7:44

Tgt Ion:164 Resp: 304190
Ion Ratio Lower Upper
164 100
162 104.9 86.1 129.1
160 48.4 38.3 57.5

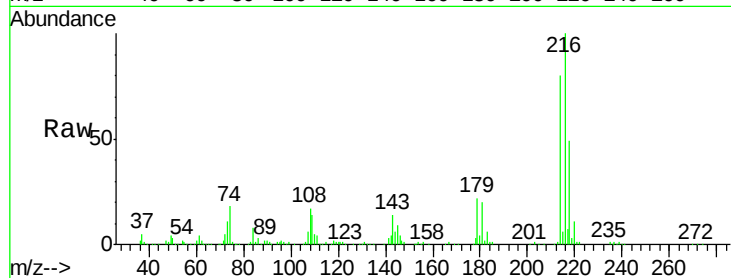




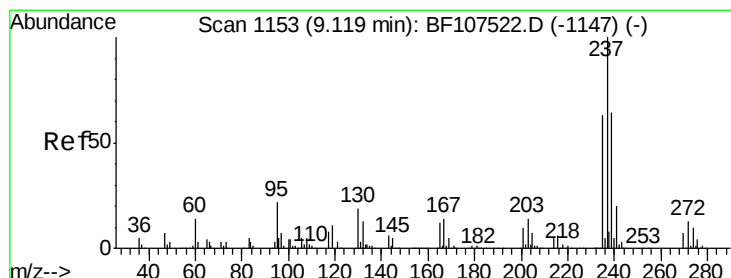
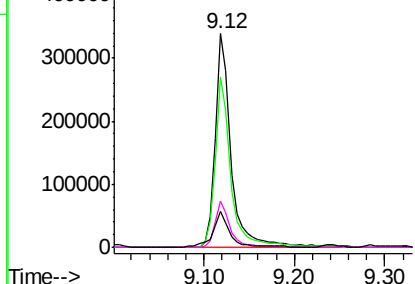
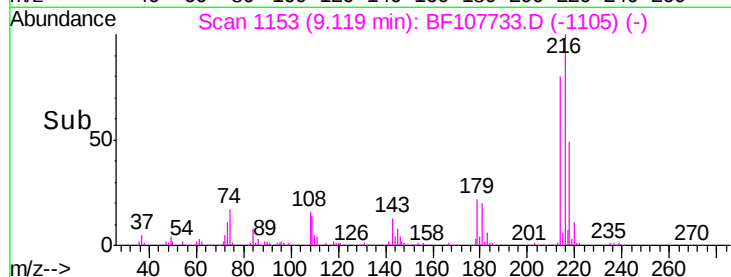
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.652 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BF107733.D
 Acq: 27 Jul 2018 7:44

Instrument :
 BNA_F
 ClientSampleId :
 PB111493BSD

Tgt Ion:	216	Resp:	412454
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.4
179	21.0	18.1	27.1
108	18.1	17.2	25.8

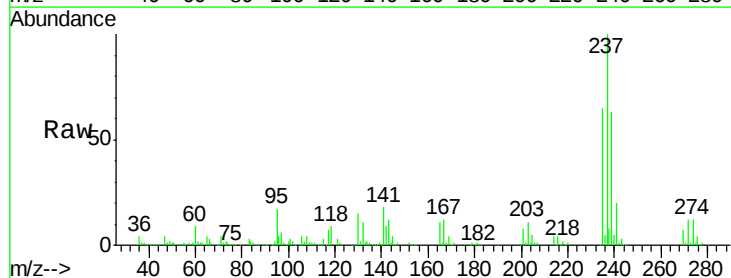


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

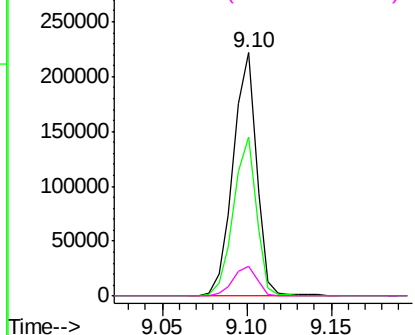
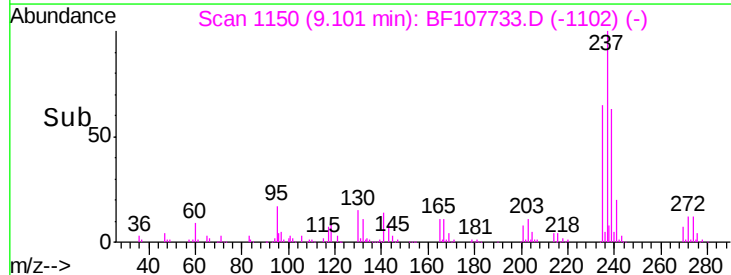


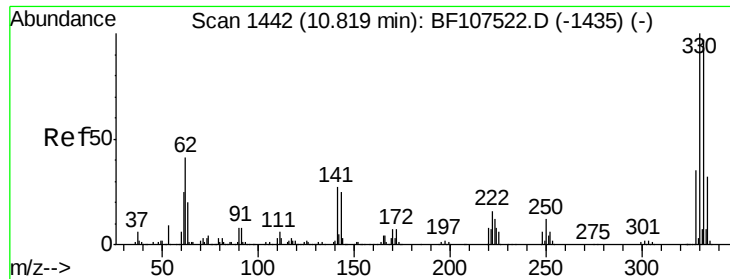
#40
 Hexachlorocyclopentadiene
 Concen: 41.715 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. -0.02 min
 Lab File: BF107733.D
 Acq: 27 Jul 2018 7:44

Tgt Ion:	237	Resp:	215149
Ion	Ratio	Lower	Upper
237	100		
235	65.4	44.8	84.8
272	12.4	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

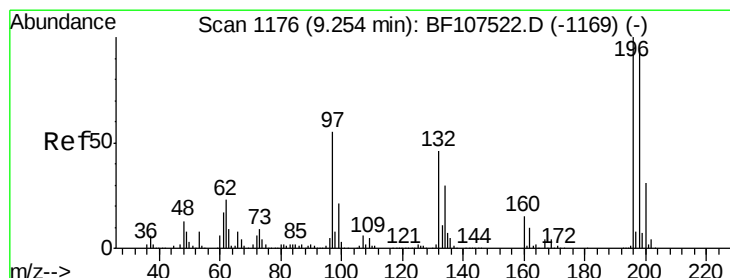
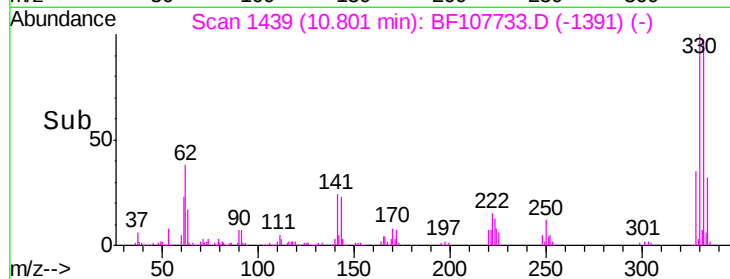
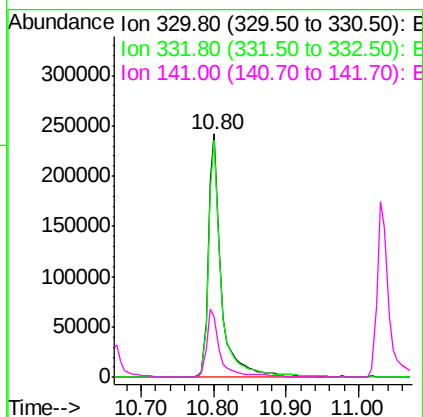
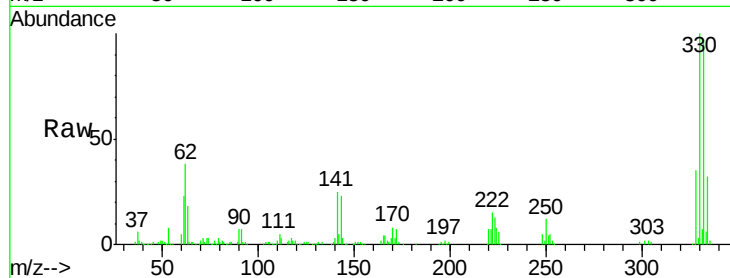




#41
 2,4,6-Tribromophenol
 Concen: 86.882 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107733.D
 Acq: 27 Jul 2018 7:44

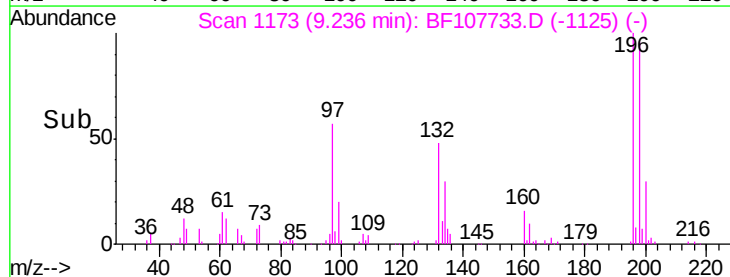
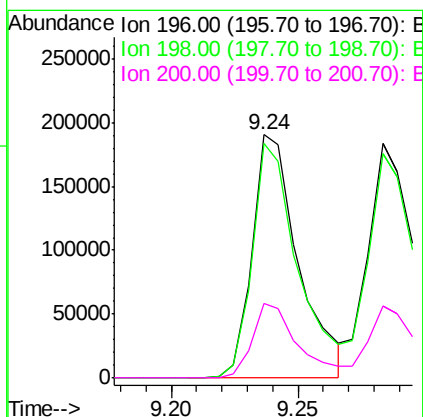
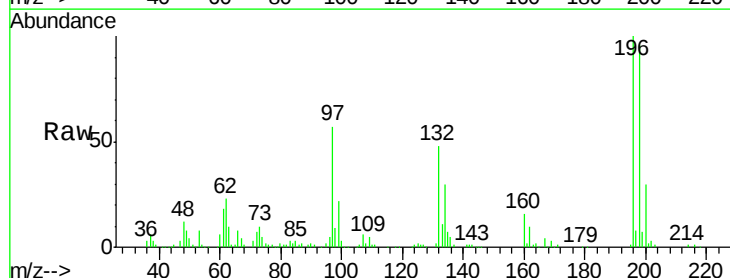
Instrument :
 BNA_F
 ClientSampleId :
 PB111493BSD

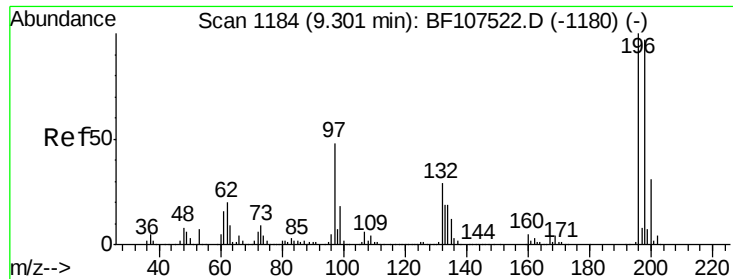
Tgt Ion:330 Resp: 300535
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 27.6 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 37.503 ng
 RT: 9.24 min Scan# 1173
 Delta R.T. -0.02 min
 Lab File: BF107733.D
 Acq: 27 Jul 2018 7:44

Tgt Ion:196 Resp: 243555
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.7 113.5
 200 30.4 24.5 36.7

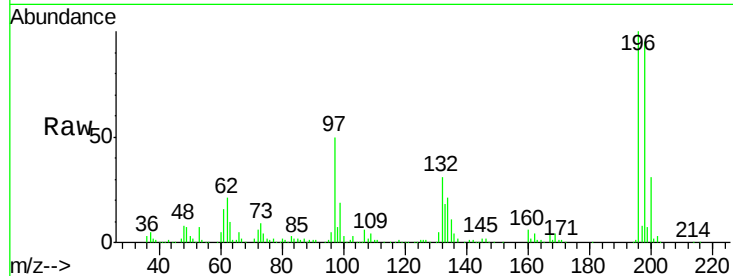




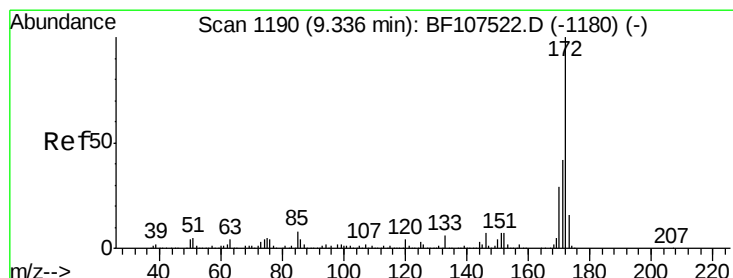
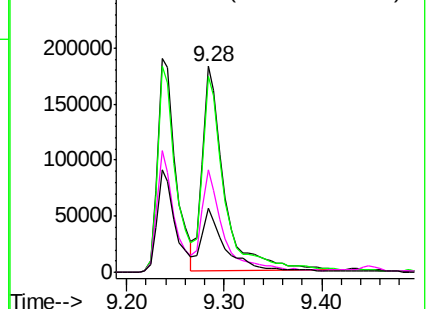
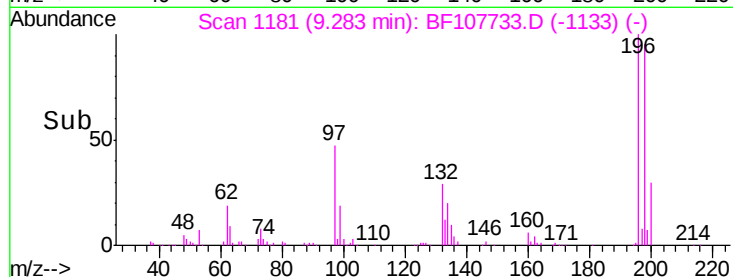
#43
2,4,5-Trichlorophenol
Concen: 41.743 ng
RT: 9.28 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF107733.D
Acq: 27 Jul 2018 7:44

Instrument :
BNA_F
ClientSampleId :
PB111493BSD

Tgt Ion:196 Resp: 283327
Ion Ratio Lower Upper
196 100
198 95.4 74.6 112.0
97 49.7 42.9 64.3
132 31.2 26.3 39.5

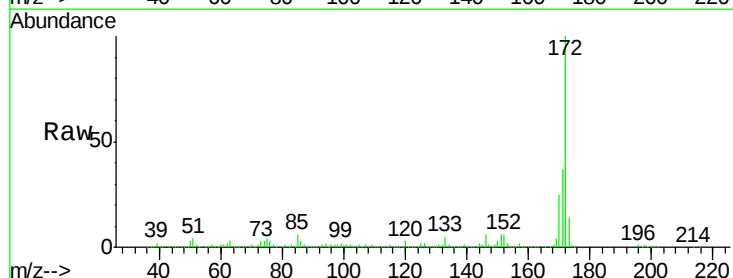


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

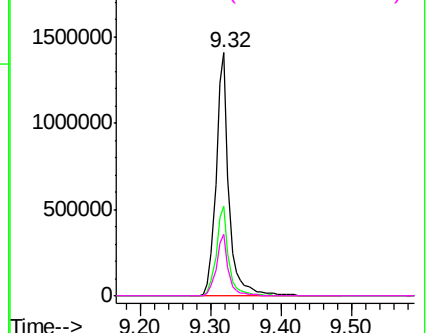
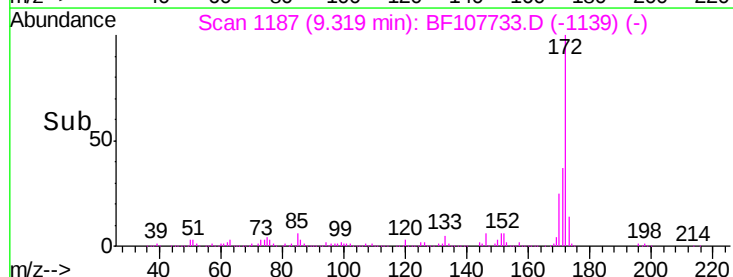


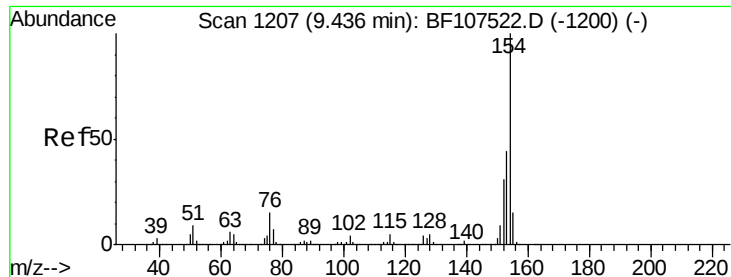
#44
2-Fluorobiphenyl
Concen: 109.934 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BF107733.D
Acq: 27 Jul 2018 7:44

Tgt Ion:172 Resp: 1804273
Ion Ratio Lower Upper
172 100
171 37.0 29.7 44.5
170 25.5 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 41.313 ng

RT: 9.42 min Scan# 1204

Delta R.T. -0.02 min

Lab File: BF107733.D

Acq: 27 Jul 2018 7:44

Instrument :

BNA_F

ClientSampleId :

PB111493BSD

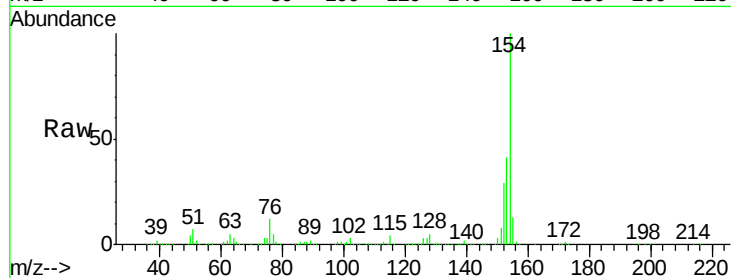
Tgt Ion:154 Resp: 1094745

Ion Ratio Lower Upper

154 100

153 40.8 21.3 61.3

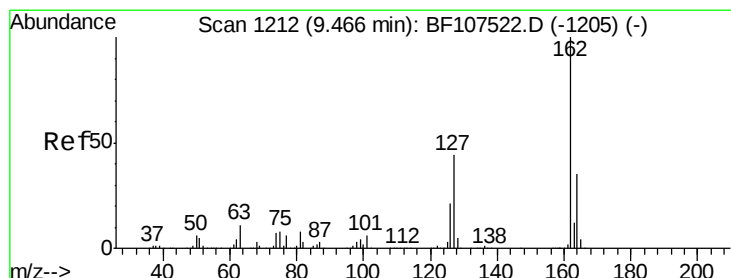
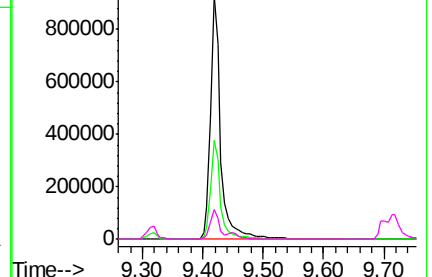
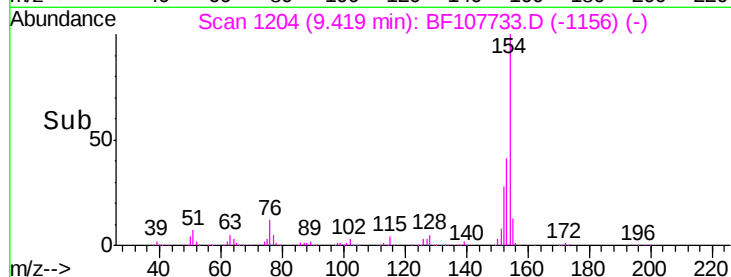
76 12.2 0.0 34.0



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: 39.691 ng

RT: 9.45 min Scan# 1209

Delta R.T. -0.02 min

Lab File: BF107733.D

Acq: 27 Jul 2018 7:44

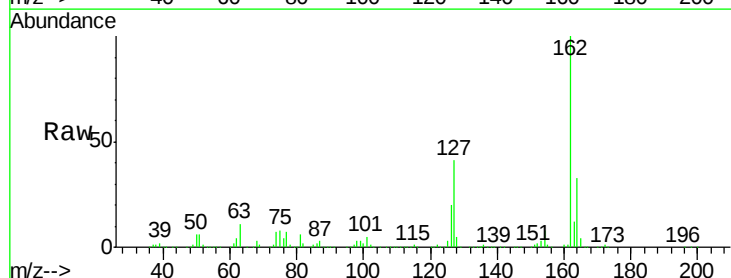
Tgt Ion:162 Resp: 803935

Ion Ratio Lower Upper

162 100

127 41.2 33.9 50.9

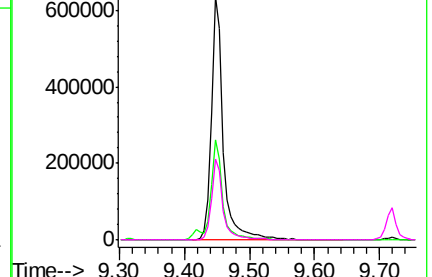
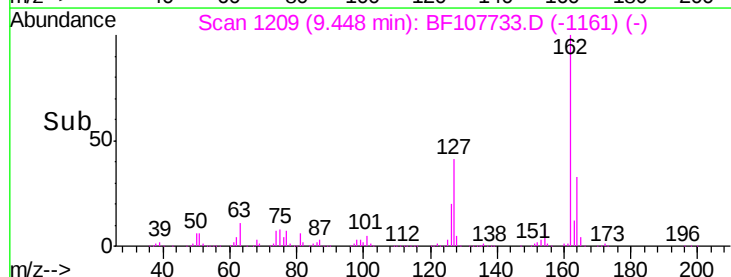
164 33.1 26.5 39.7

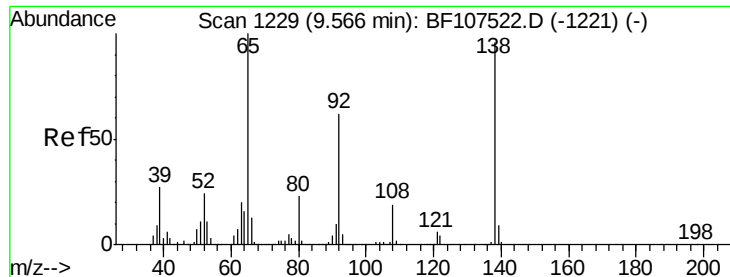


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

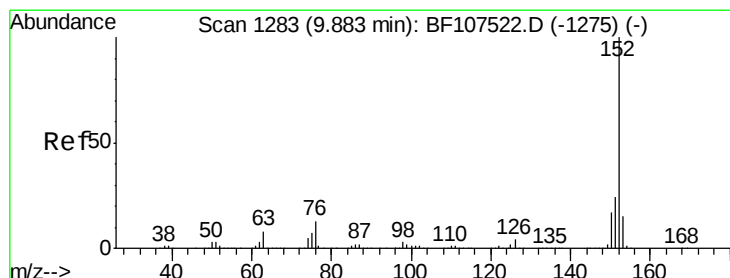
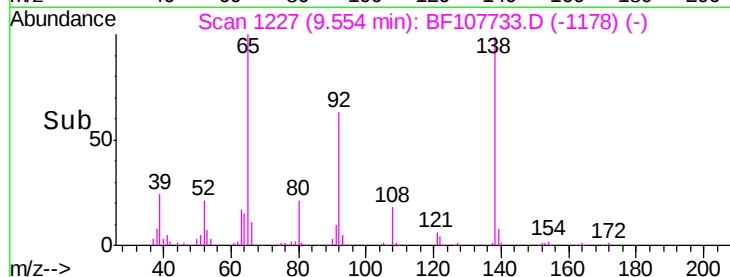
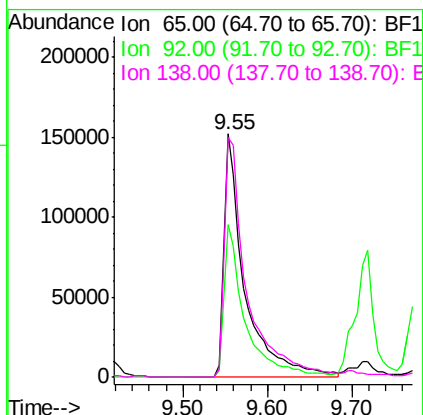
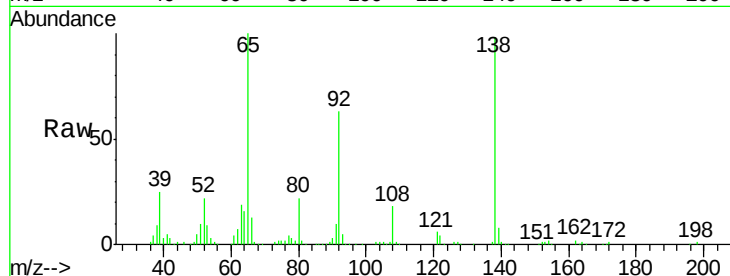




#47
2-Nitroaniline
Concen: 43.751 ng
RT: 9.55 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF107733.D
Acq: 27 Jul 2018 7:44

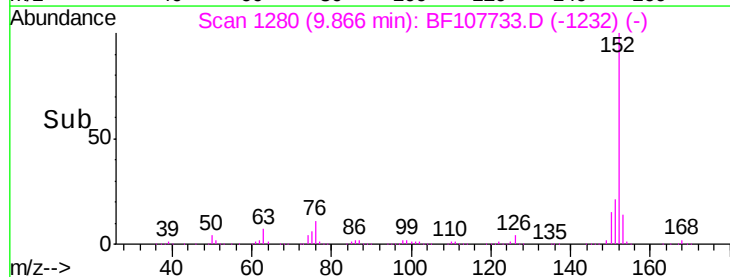
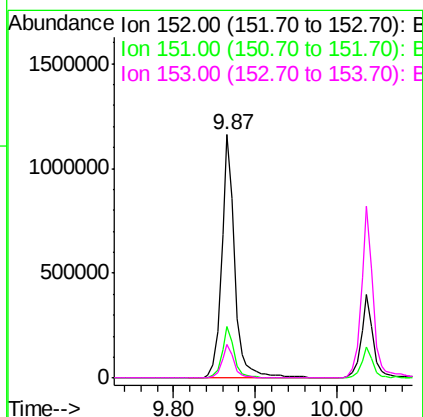
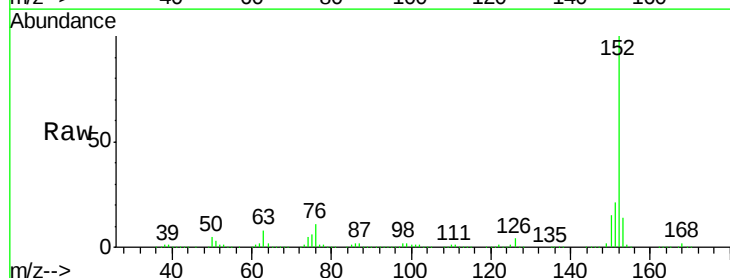
Instrument :
BNA_F
ClientSampleId :
PB111493BSD

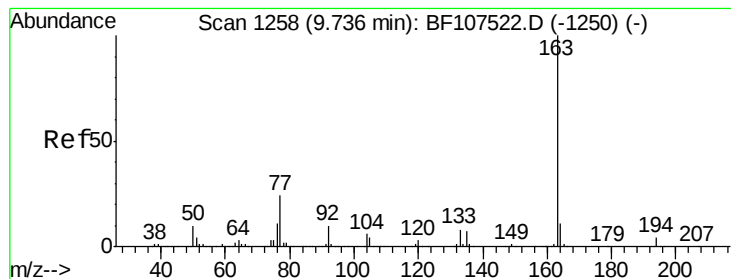
Tgt Ion: 65 Resp: 258345
Ion Ratio Lower Upper
65 100
92 62.9 55.8 83.6
138 98.4 91.2 136.8



#48
Acenaphthylene
Concen: 42.608 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF107733.D
Acq: 27 Jul 2018 7:44

Tgt Ion: 152 Resp: 1296422
Ion Ratio Lower Upper
152 100
151 21.4 16.3 24.5
153 13.6 10.7 16.1





#49

Dimethylphthalate

Concen: 40.111 ng

RT: 9.72 min Scan# 1255

Delta R.T. -0.02 min

Lab File: BF107733.D

Acq: 27 Jul 2018 7:44

Instrument :

BNA_F

ClientSampleId :

PB111493BSD

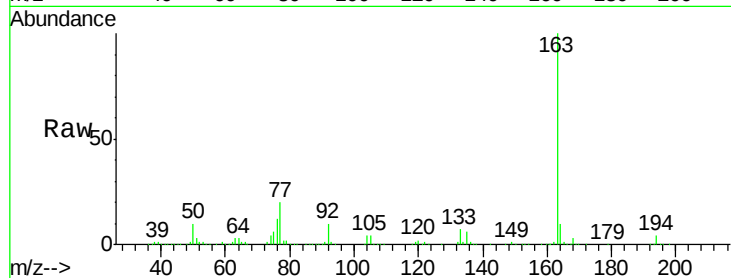
Tgt Ion:163 Resp: 919580

Ion Ratio Lower Upper

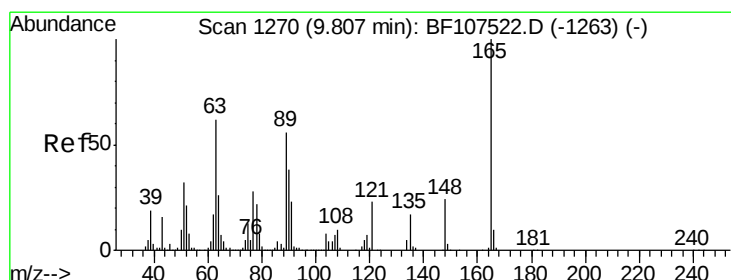
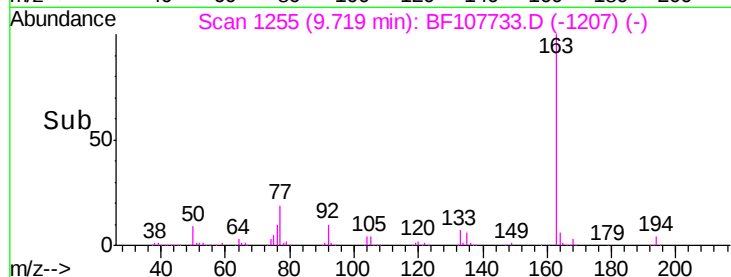
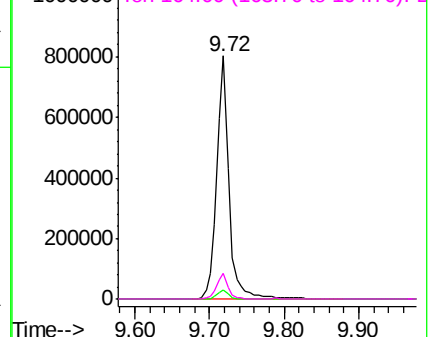
163 100

194 3.8 2.7 4.1

164 10.5 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: 42.952 ng

RT: 9.79 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BF107733.D

Acq: 27 Jul 2018 7:44

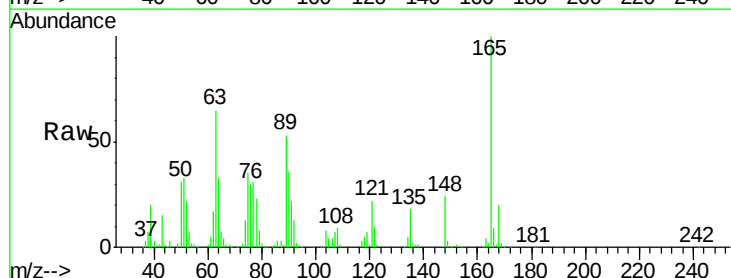
Tgt Ion:165 Resp: 195506

Ion Ratio Lower Upper

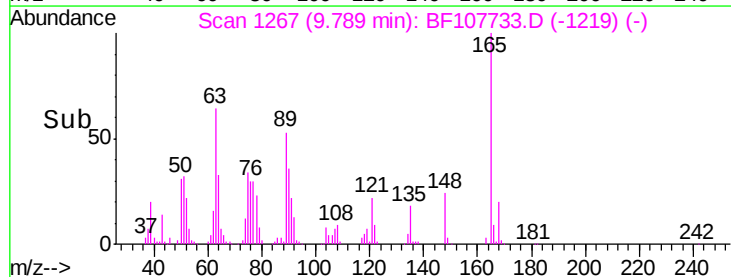
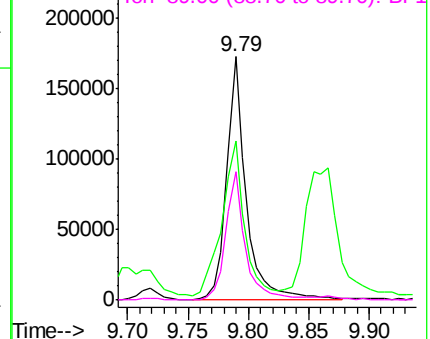
165 100

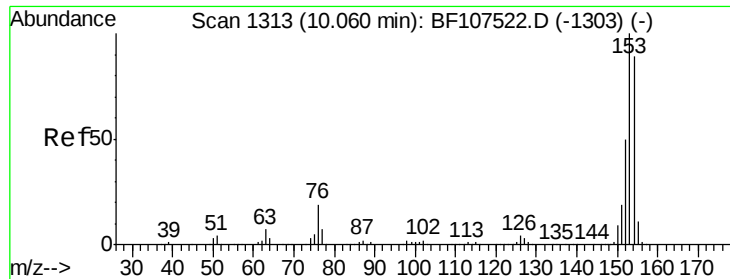
63 65.4 44.7 67.1

89 52.8 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: 37.508 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BF107733.D

Acq: 27 Jul 2018 7:44

Instrument :

BNA_F

ClientSampleId :

PB111493BSD

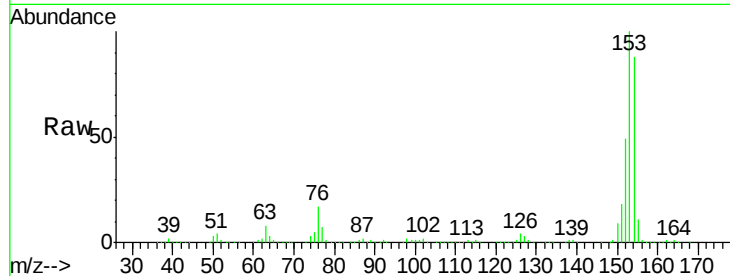
Tgt Ion:154 Resp: 715047

Ion Ratio Lower Upper

154 100

153 114.1 91.2 136.8

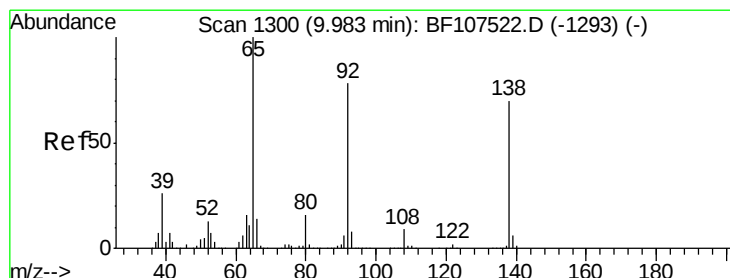
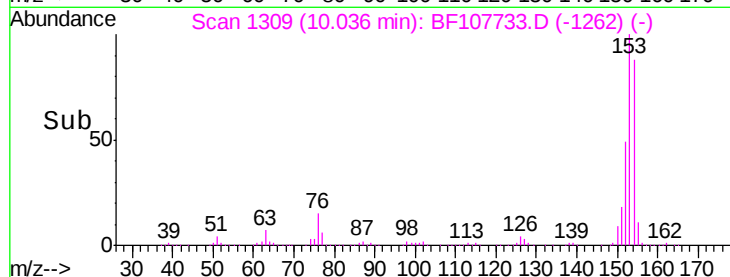
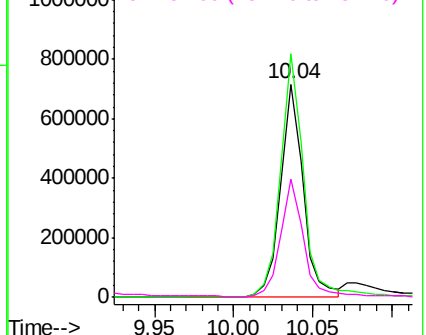
152 55.5 43.8 65.8



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: 21.675 ng

RT: 9.97 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF107733.D

Acq: 27 Jul 2018 7:44

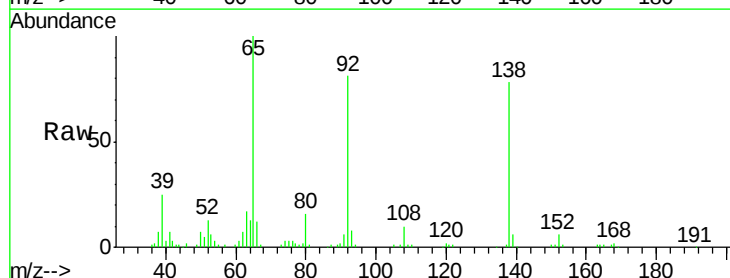
Tgt Ion:138 Resp: 120024

Ion Ratio Lower Upper

138 100

108 12.5 9.4 14.0

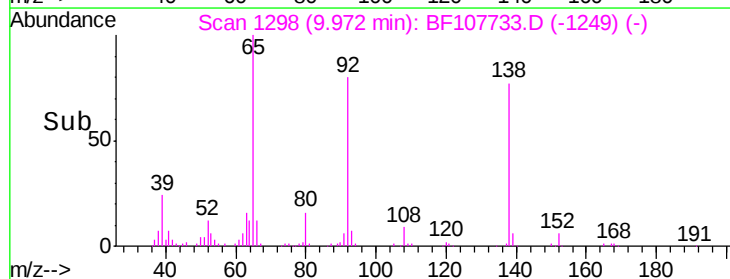
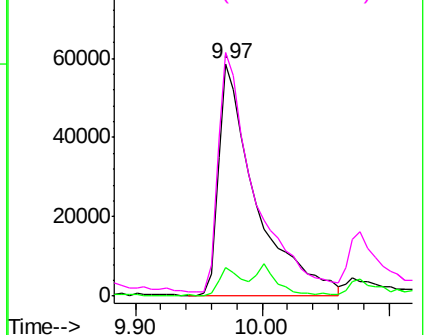
92 104.7 89.4 134.2

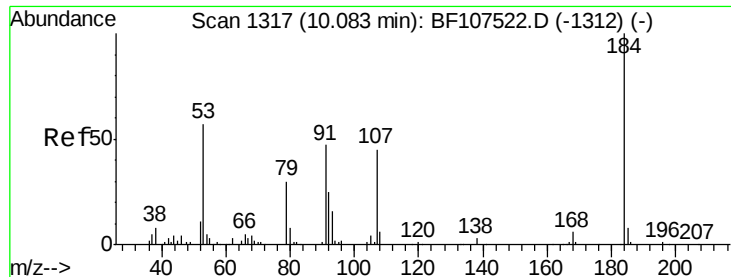


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

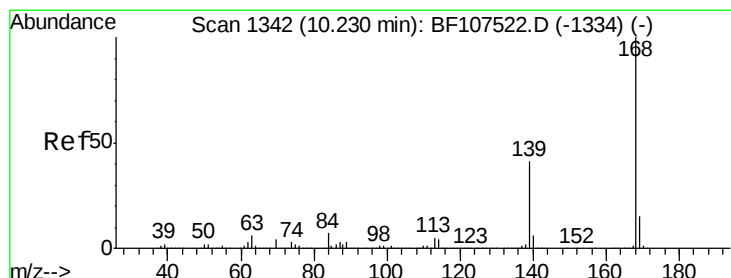
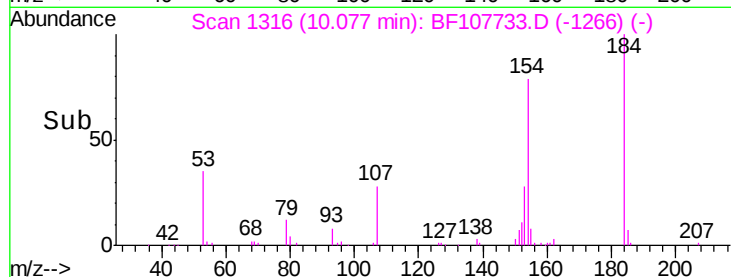
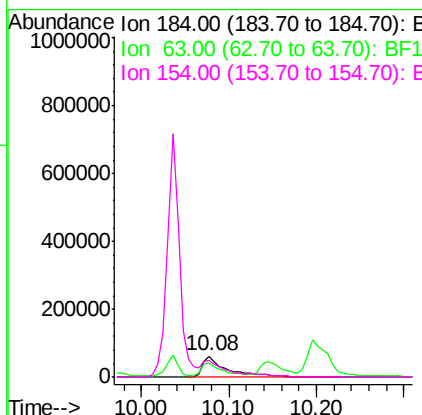
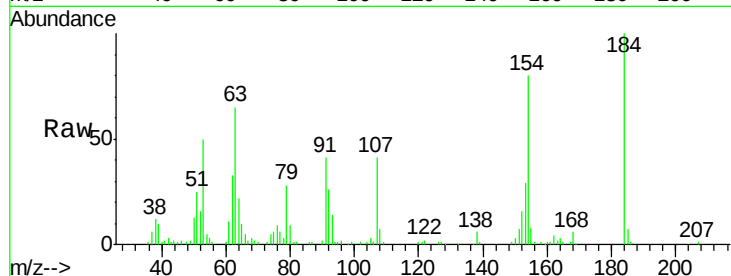




#53
2,4-Dinitrophenol
Concen: 66.447 ng
RT: 10.08 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF107733.D
Acq: 27 Jul 2018 7:44

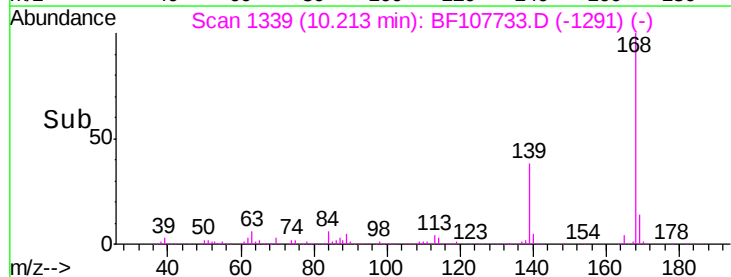
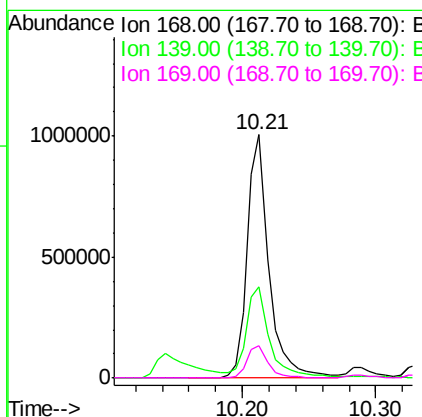
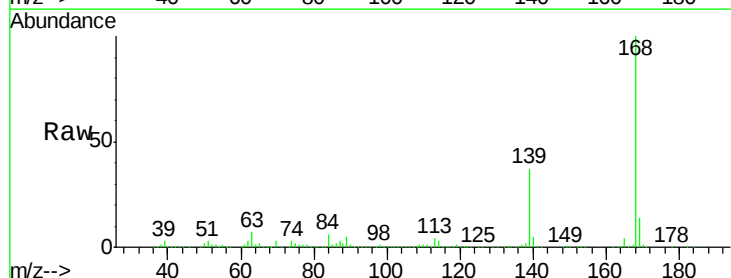
Instrument :
BNA_F
ClientSampleId :
PB111493BSD

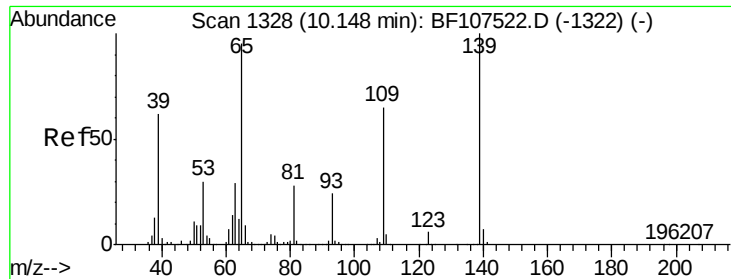
Tgt Ion:184 Resp: 129969
Ion Ratio Lower Upper
184 100
63 65.3 54.2 81.2
154 79.6 184.0 276.0#



#54
Dibenzofuran
Concen: 39.814 ng
RT: 10.21 min Scan# 1339
Delta R.T. -0.02 min
Lab File: BF107733.D
Acq: 27 Jul 2018 7:44

Tgt Ion:168 Resp: 1117423
Ion Ratio Lower Upper
168 100
139 37.5 30.1 45.1
169 13.6 10.9 16.3

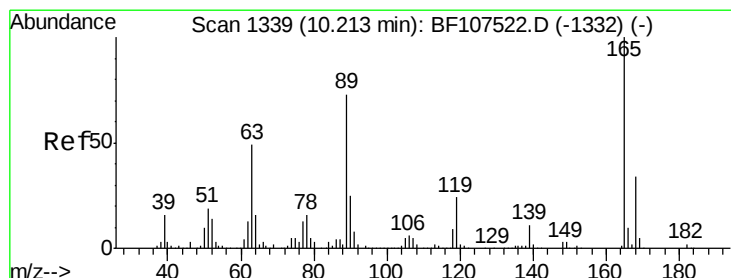
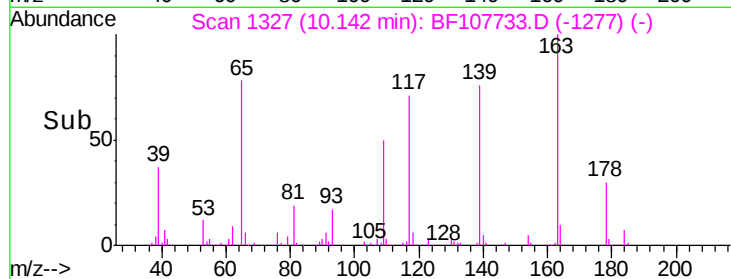
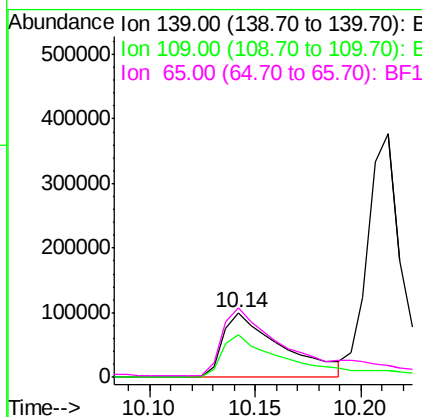
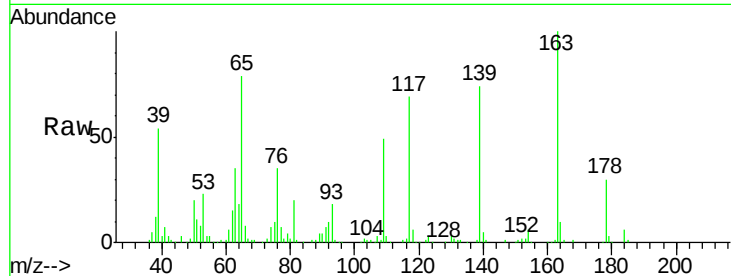




#55
4-Nitrophenol
Concen: 46.946 ng
RT: 10.14 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF107733.D
Acq: 27 Jul 2018 7:44

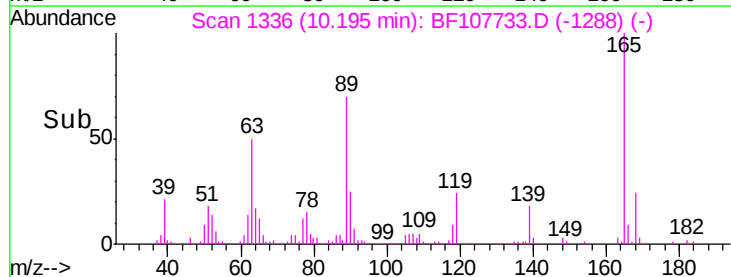
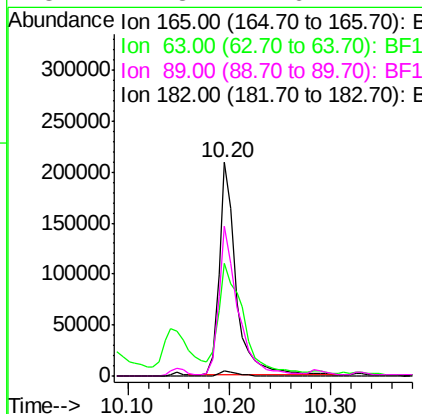
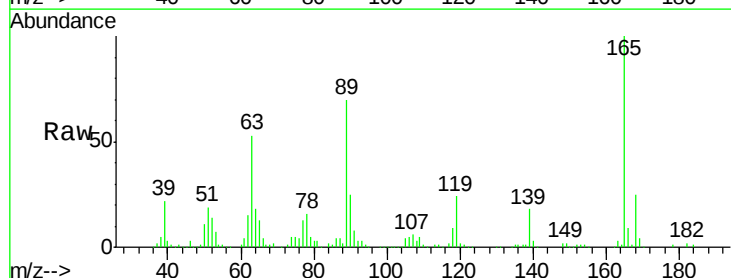
Instrument :
BNA_F
ClientSampleId :
PB111493BSD

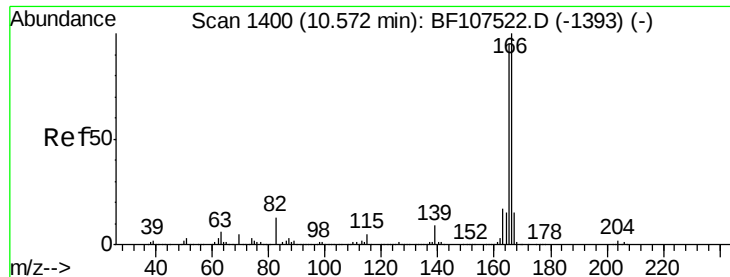
Tgt Ion:139 Resp: 194630
Ion Ratio Lower Upper
139 100
109 65.9 48.4 88.4
65 106.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 44.151 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF107733.D
Acq: 27 Jul 2018 7:44

Tgt Ion:165 Resp: 242581
Ion Ratio Lower Upper
165 100
63 52.6 36.4 54.6
89 70.2 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 44.108 ng

RT: 10.55 min Scan# 1397

Delta R.T. -0.02 min

Lab File: BF107733.D

Acq: 27 Jul 2018 7:44

Instrument :

BNA_F

ClientSampleId :

PB111493BSD

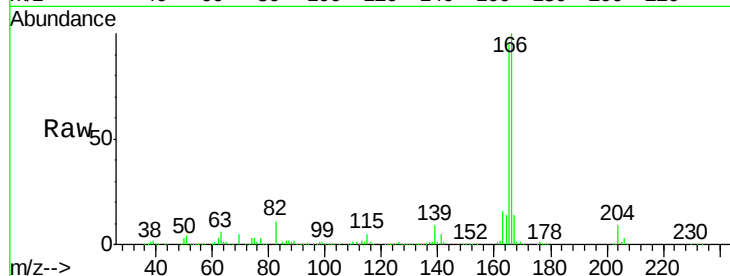
Tgt Ion:166 Resp: 883168

Ion Ratio Lower Upper

166 100

165 94.5 79.8 119.8

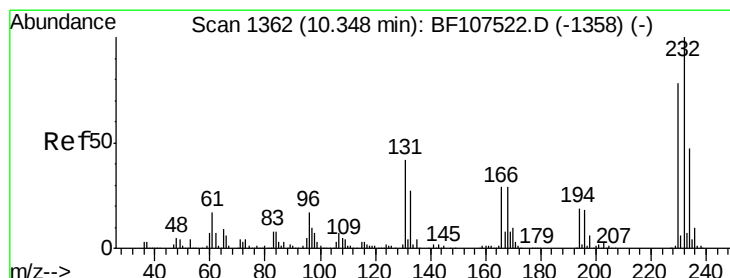
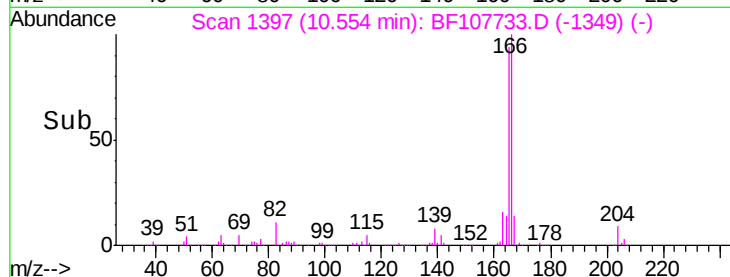
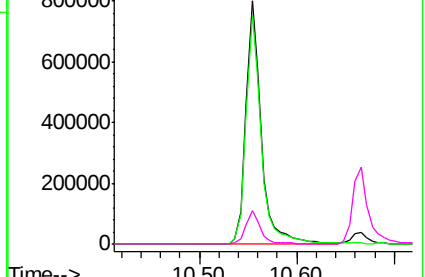
167 13.7 10.6 16.0



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: 44.153 ng

RT: 10.33 min Scan# 1359

Delta R.T. -0.02 min

Lab File: BF107733.D

Acq: 27 Jul 2018 7:44

Tgt Ion:232 Resp: 249414

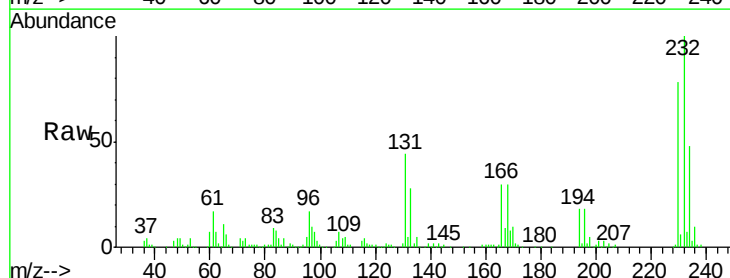
Ion Ratio Lower Upper

232 100

131 41.2 43.8 65.8#

130 1.9 2.1 3.1#

166 25.8 27.8 41.6#

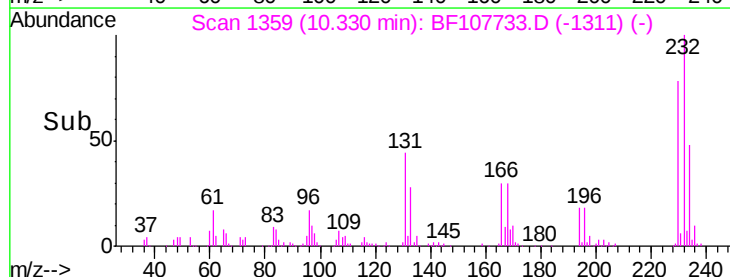
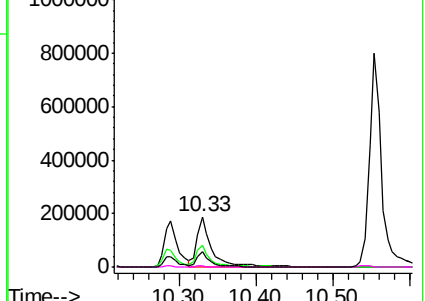


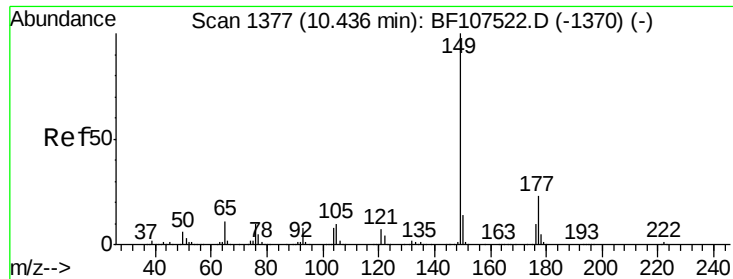
Abundance Ion 232.00 (231.70 to 232.70): E

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

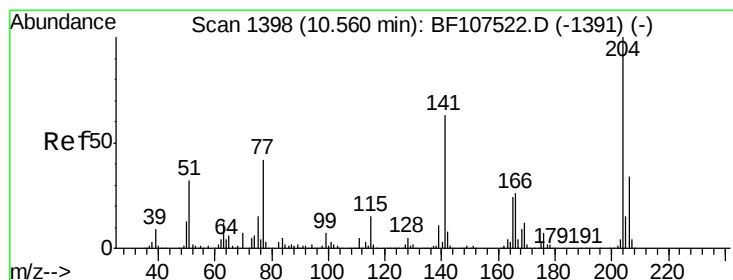
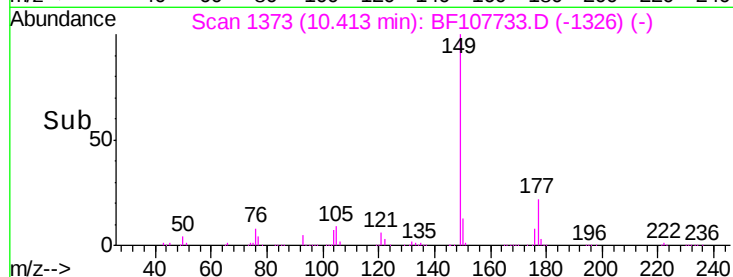
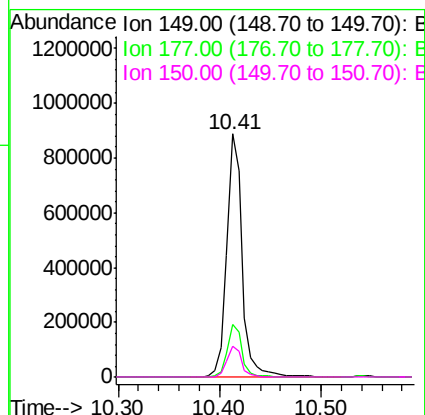
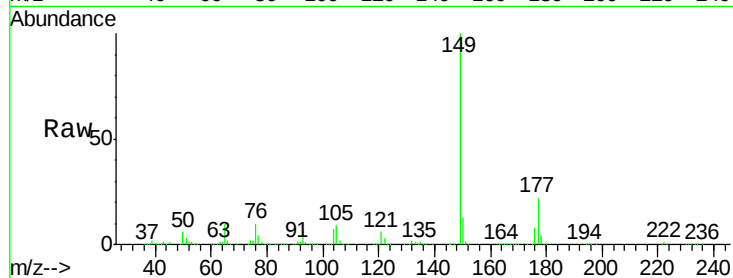




#59
Diethylphthalate
Concen: 39.389 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF107733.D
Acq: 27 Jul 2018 7:44

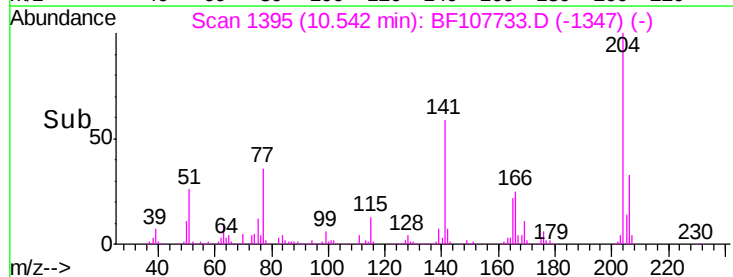
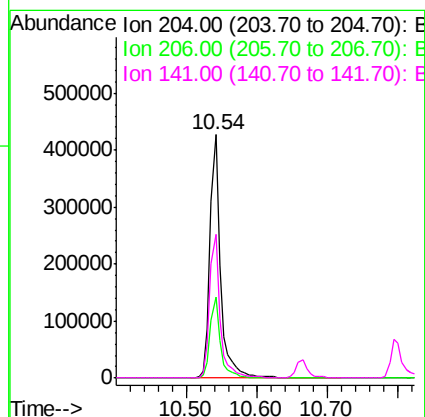
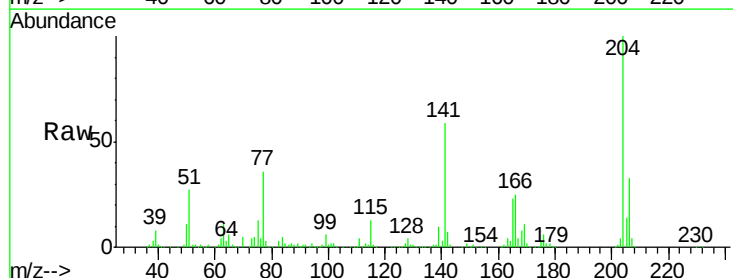
Instrument :
BNA_F
ClientSampleId :
PB111493BSD

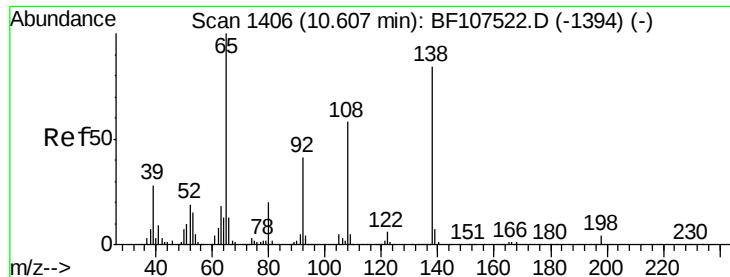
Tgt Ion:149 Resp: 943093
Ion Ratio Lower Upper
149 100
177 21.6 16.1 24.1
150 12.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.233 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF107733.D
Acq: 27 Jul 2018 7:44

Tgt Ion:204 Resp: 444091
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 59.1 54.6 81.8

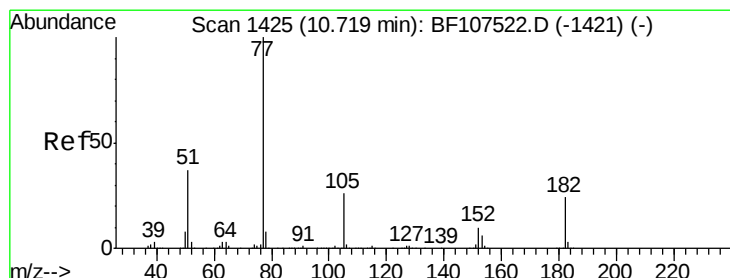
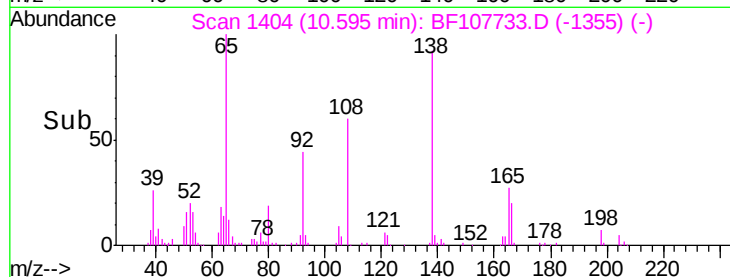
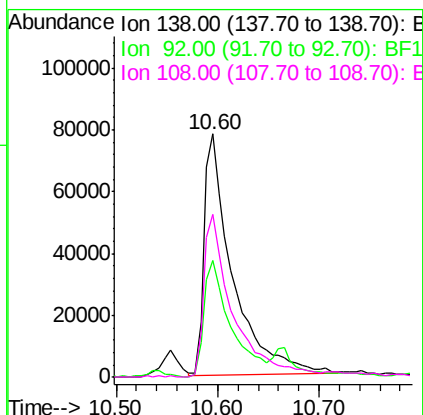
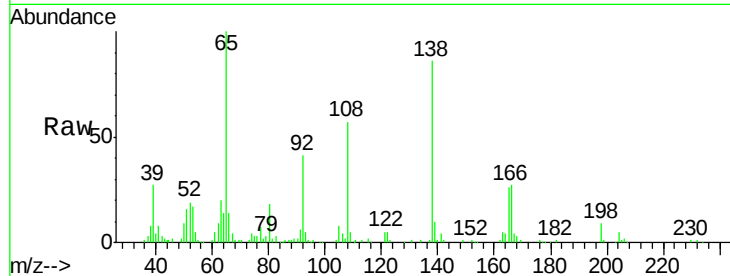




#61
4-Nitroaniline
Concen: 32.734 ng
RT: 10.60 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF107733.D
Acq: 27 Jul 2018 7:44

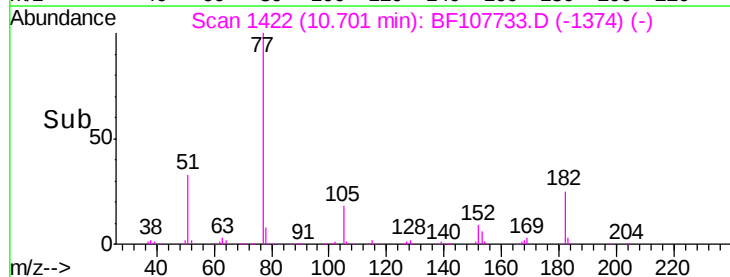
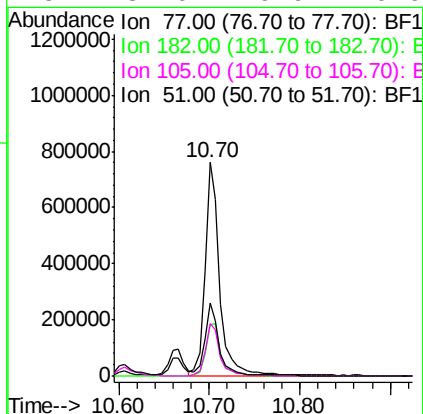
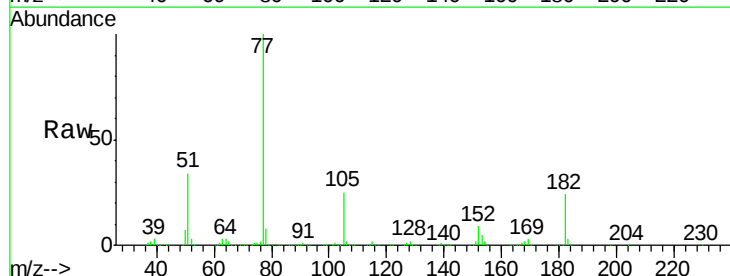
Instrument :
BNA_F
ClientSampleId :
PB111493BSD

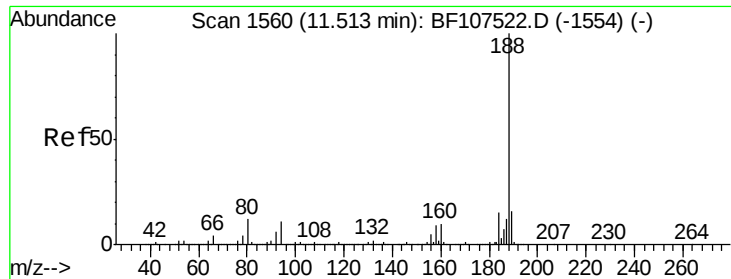
Tgt Ion:138 Resp: 152290
Ion Ratio Lower Upper
138 100
92 48.1 30.2 70.2
108 66.7 52.5 92.5



#62
Azobenzene
Concen: 37.849 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.02 min
Lab File: BF107733.D
Acq: 27 Jul 2018 7:44

Tgt Ion: 77 Resp: 849759
Ion Ratio Lower Upper
77 100
182 24.2 1.7 41.7
105 24.8 3.0 43.0
51 34.0 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF107733.D

Acq: 27 Jul 2018 7:44

Instrument :

BNA_F

ClientSampleId :

PB111493BSD

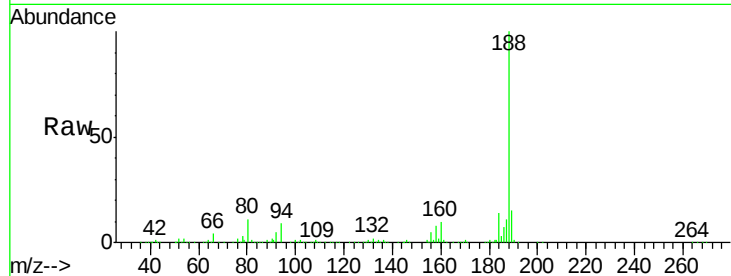
Tgt Ion:188 Resp: 549705

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

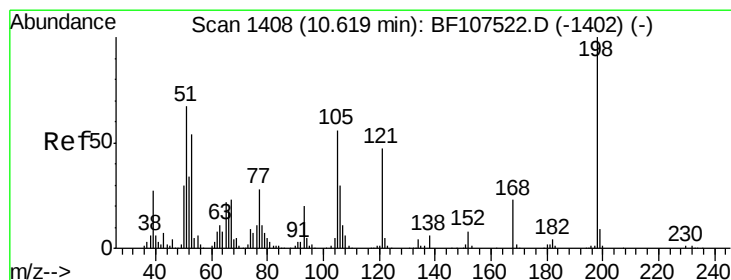
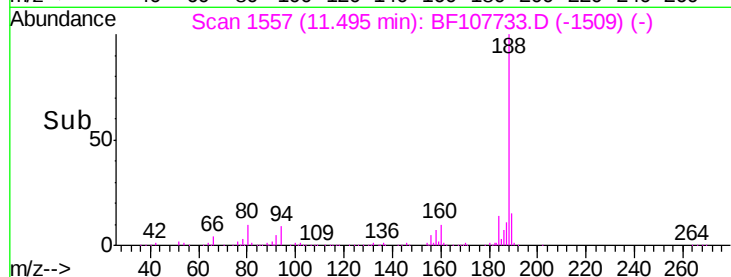
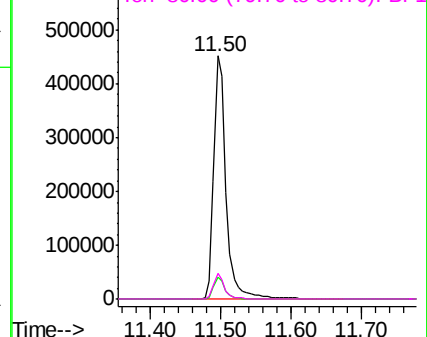
80 10.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 38.355 ng

RT: 10.61 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BF107733.D

Acq: 27 Jul 2018 7:44

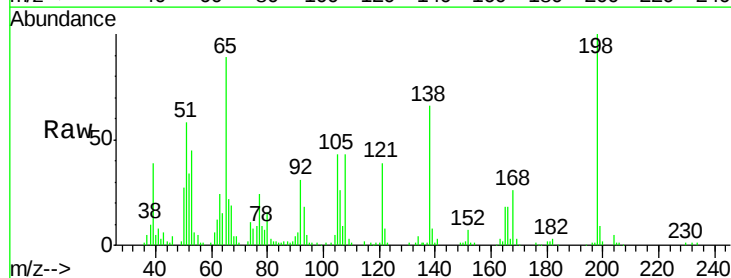
Tgt Ion:198 Resp: 96135

Ion Ratio Lower Upper

198 100

51 57.7 37.7 77.7

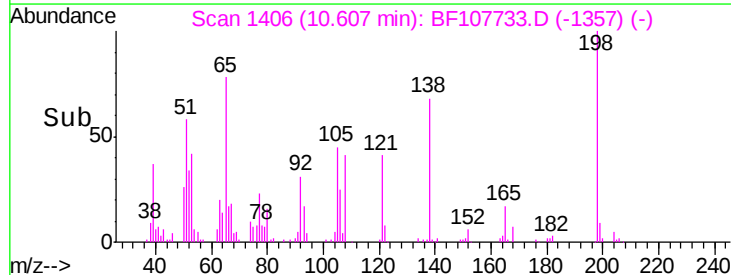
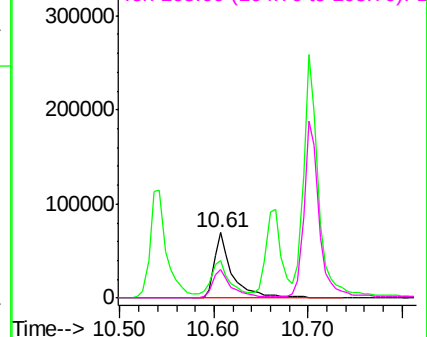
105 43.4 36.3 76.3

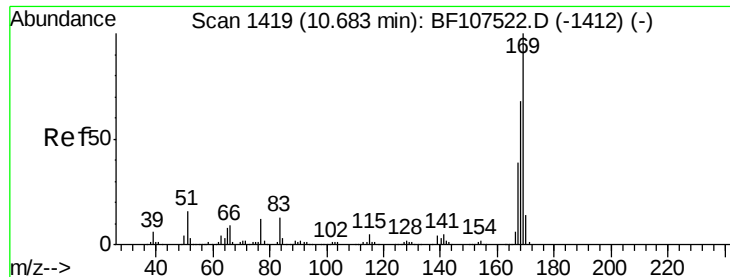


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

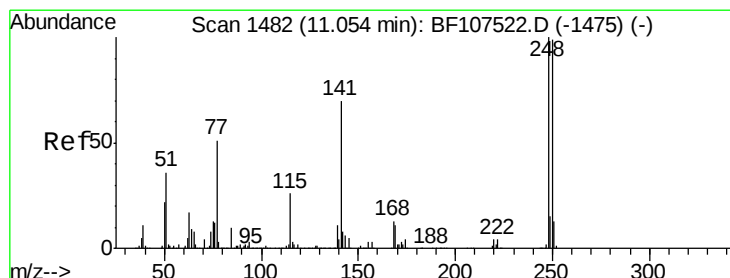
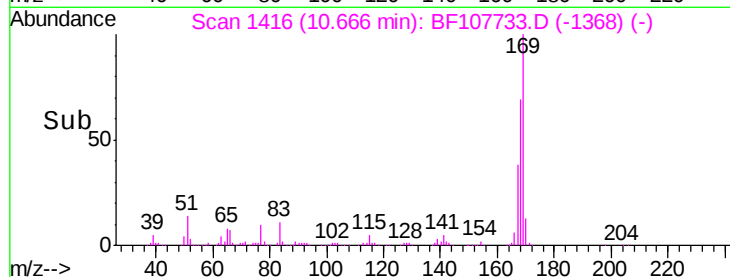
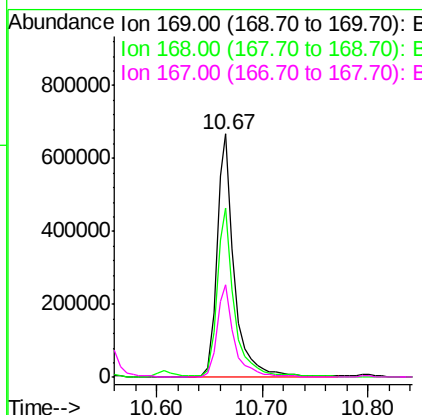
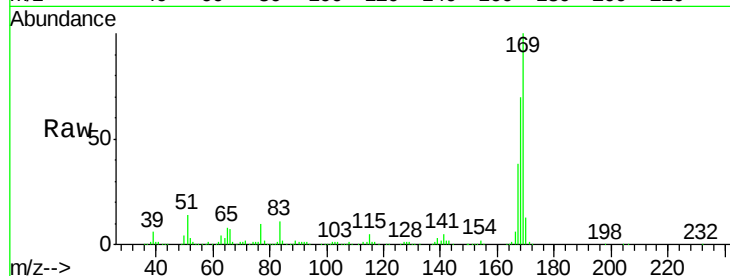




#65
n-Nitrosodiphenylamine
Concen: 41.468 ng
RT: 10.67 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF107733.D
Acq: 27 Jul 2018 7:44

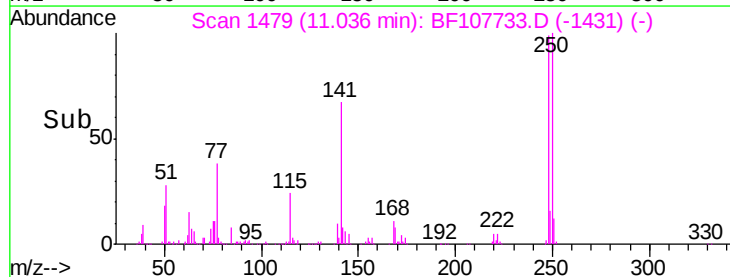
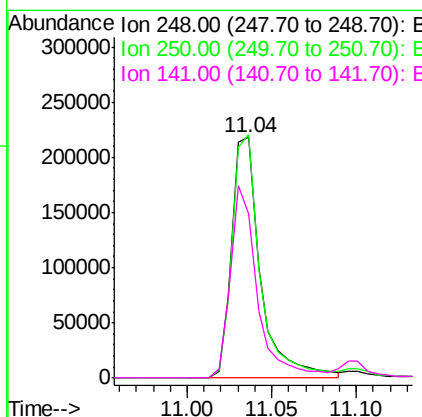
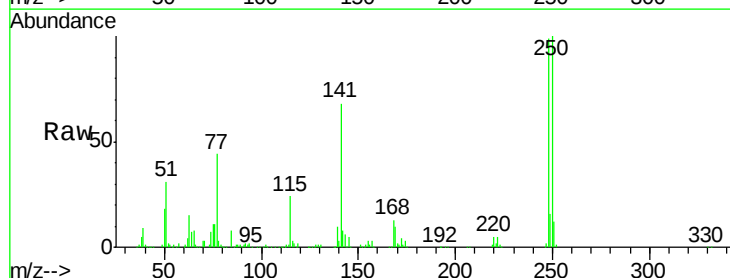
Instrument :
BNA_F
ClientSampleId :
PB111493BSD

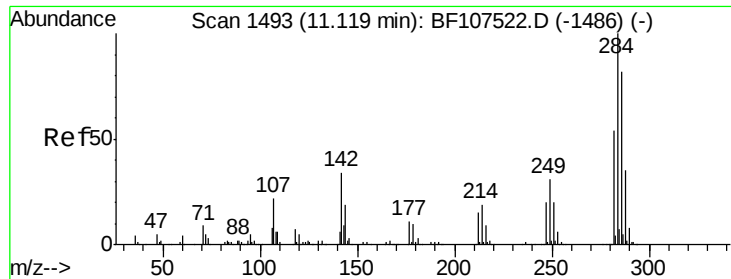
Tgt Ion:169 Resp: 774180
Ion Ratio Lower Upper
169 100
168 69.6 54.4 81.6
167 38.2 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 40.111 ng
RT: 11.04 min Scan# 1479
Delta R.T. -0.02 min
Lab File: BF107733.D
Acq: 27 Jul 2018 7:44

Tgt Ion:248 Resp: 259555
Ion Ratio Lower Upper
248 100
250 101.1 76.9 115.3
141 68.5 74.4 111.6#

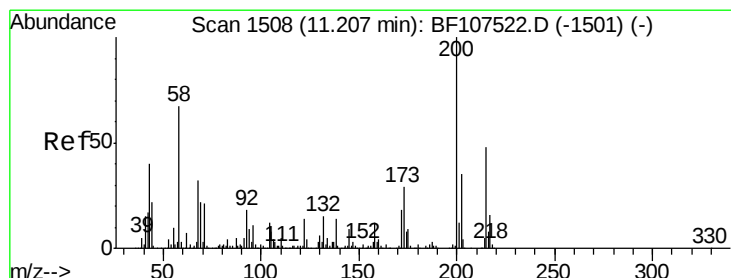
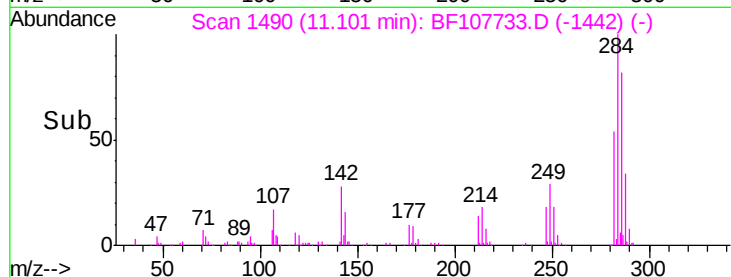
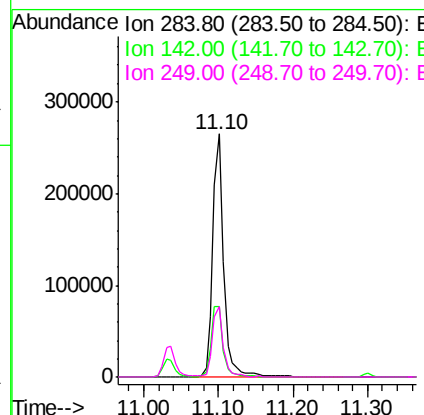
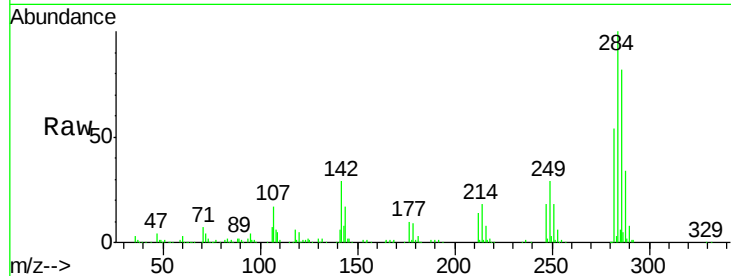




#67
Hexachlorobenzene
Concen: 38.759 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.02 min
Lab File: BF107733.D
Acq: 27 Jul 2018 7:44

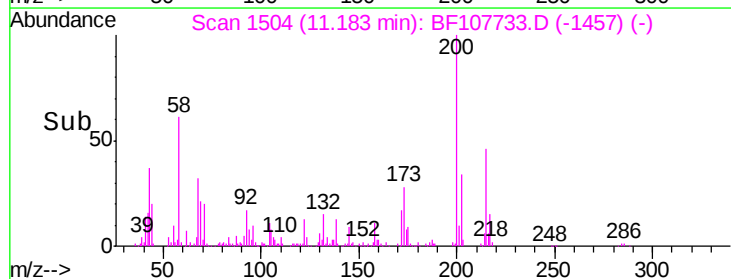
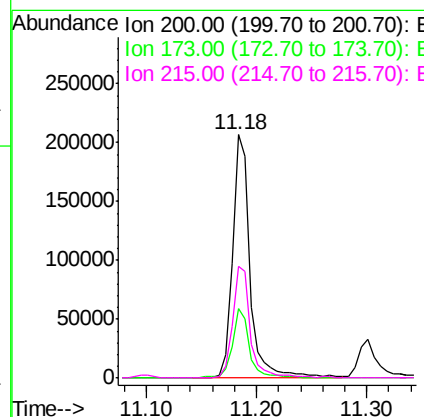
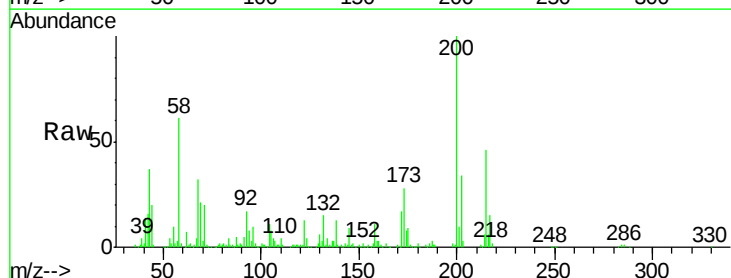
Instrument :
BNA_F
ClientSampleId :
PB111493BSD

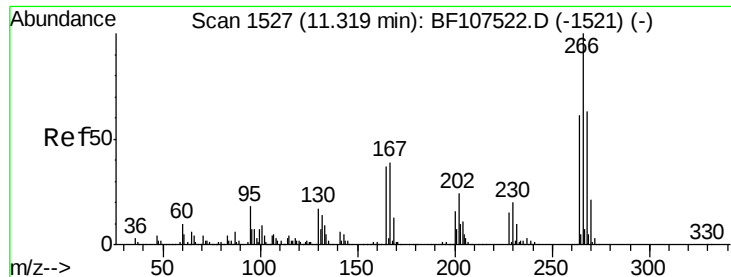
Tgt Ion: 284 Resp: 275964
Ion Ratio Lower Upper
284 100
142 29.2 34.6 52.0#
249 29.1 24.8 37.2



#68
Atrazine
Concen: 40.455 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.02 min
Lab File: BF107733.D
Acq: 27 Jul 2018 7:44

Tgt Ion: 200 Resp: 230597
Ion Ratio Lower Upper
200 100
173 28.3 8.6 48.6
215 46.1 25.1 65.1

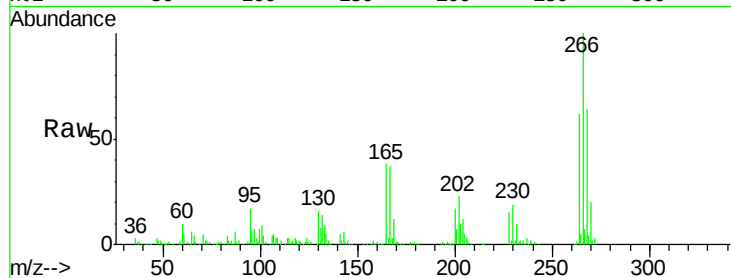




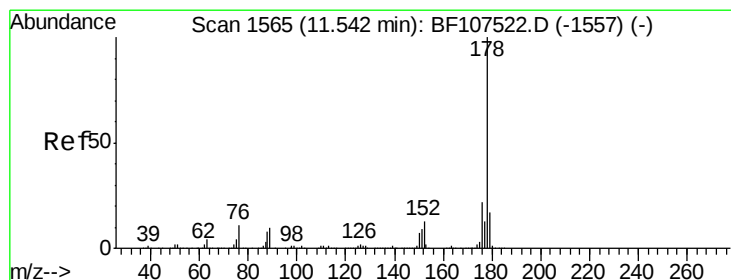
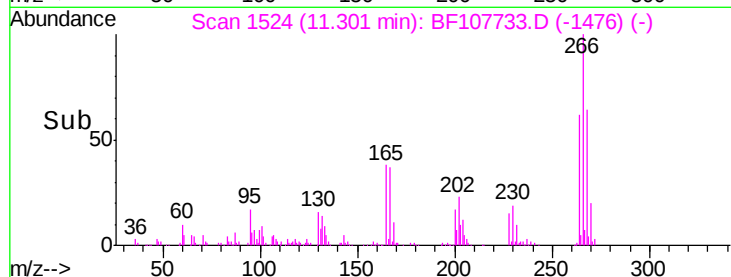
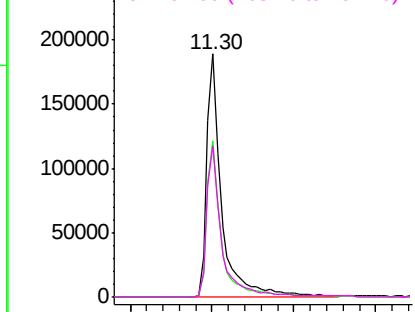
#69
 Pentachlorophenol
 Concen: 54.676 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.02 min
 Lab File: BF107733.D
 Acq: 27 Jul 2018 7:44

Instrument :
 BNA_F
 ClientSampleId :
 PB111493BSD

Tgt Ion: 266 Resp: 243162
 Ion Ratio Lower Upper
 266 100
 268 64.4 51.1 76.7
 264 62.1 49.5 74.3

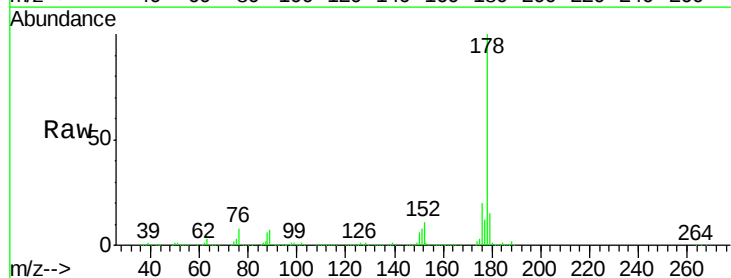


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

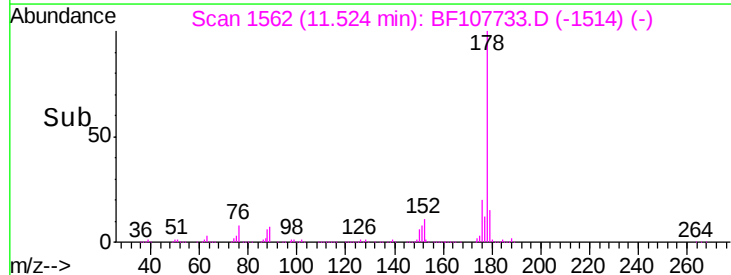
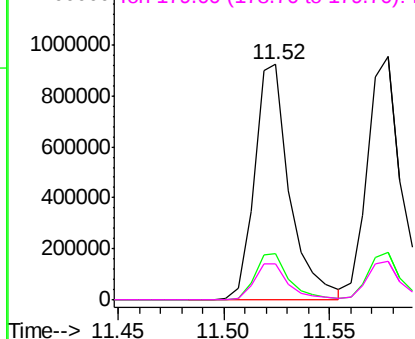


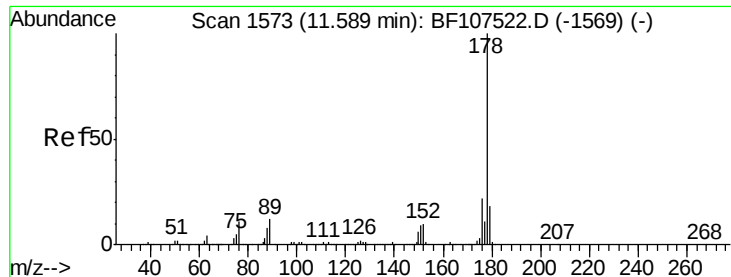
#70
 Phenanthrene
 Concen: 40.012 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. -0.02 min
 Lab File: BF107733.D
 Acq: 27 Jul 2018 7:44

Tgt Ion: 178 Resp: 1071817
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.3 13.0 19.6



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

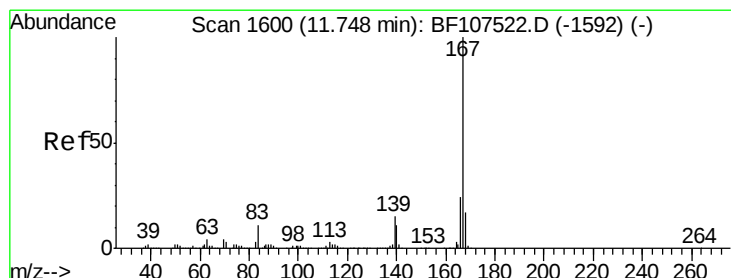
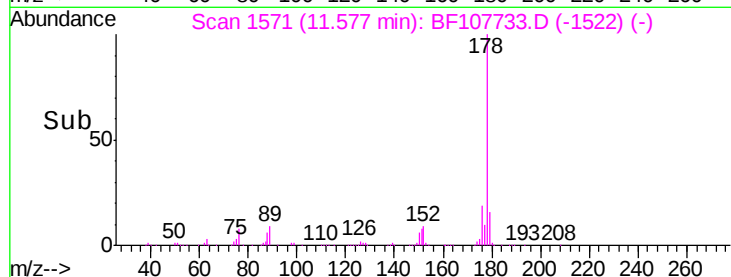
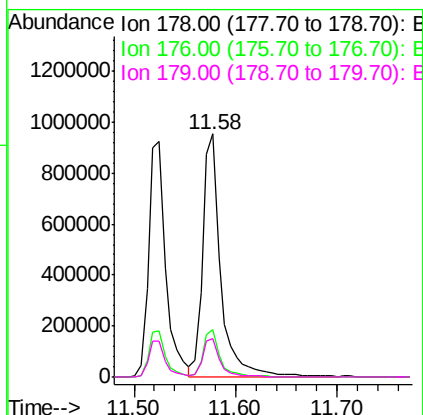
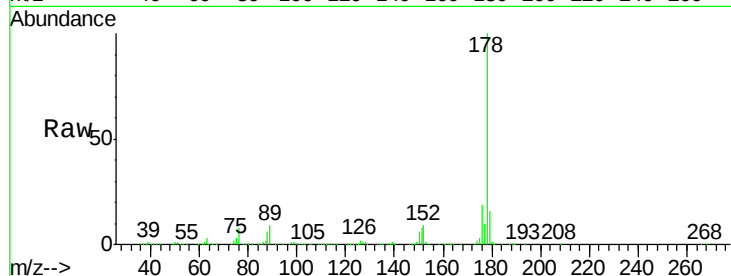




#71
 Anthracene
 Concen: 43.395 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF107733.D
 Acq: 27 Jul 2018 7:44

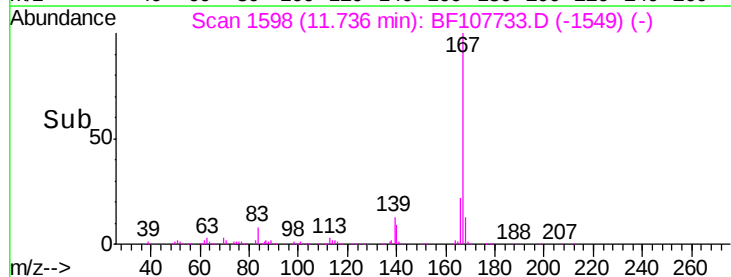
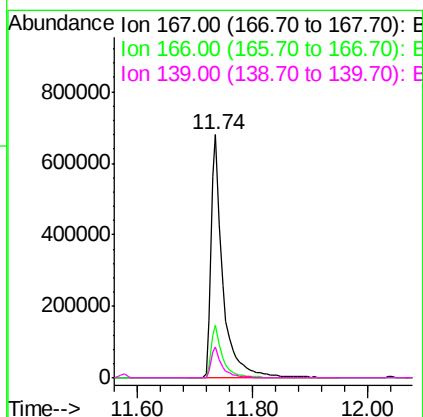
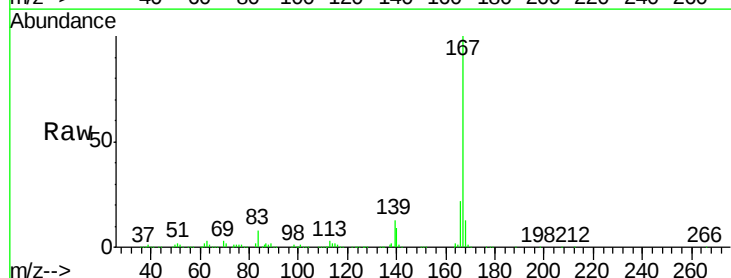
Instrument :
 BNA_F
 ClientSampleId :
 PB111493BSD

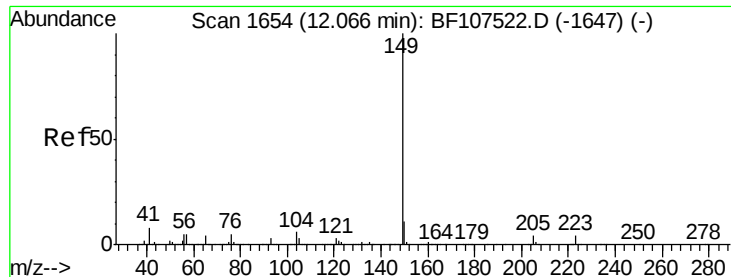
Tgt Ion:178 Resp: 1170401
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 35.311 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF107733.D
 Acq: 27 Jul 2018 7:44

Tgt Ion:167 Resp: 990339
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.6 26.4
 139 12.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 47.950 ng

RT: 12.04 min Scan# 1650

Delta R.T. -0.02 min

Lab File: BF107733.D

Acq: 27 Jul 2018 7:44

Instrument :

BNA_F

ClientSampleId :

PB111493BSD

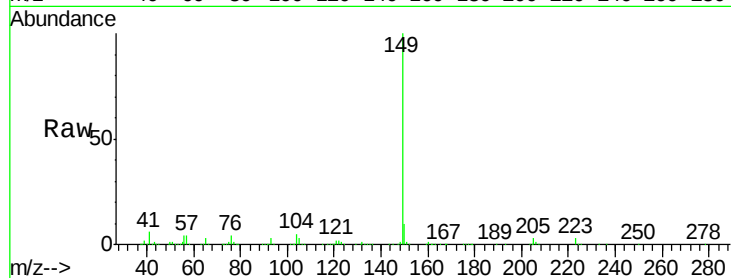
Tgt Ion:149 Resp: 1357046

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

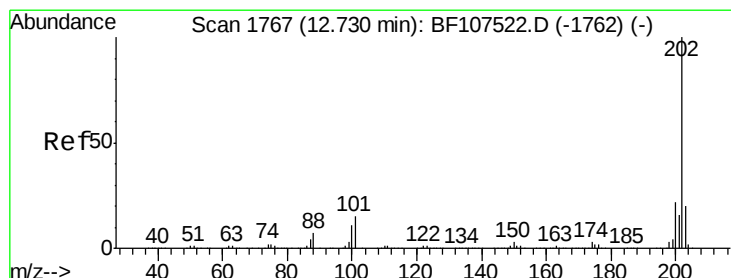
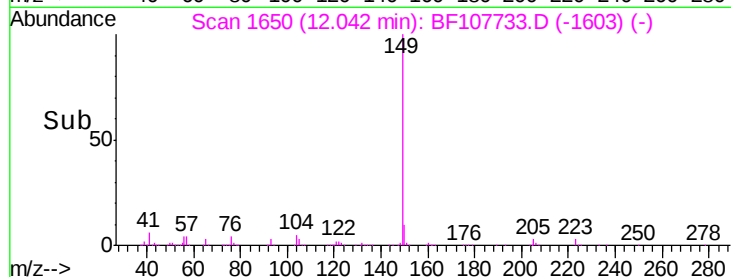
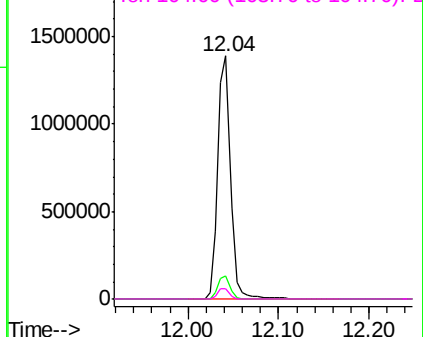
104 4.5 3.8 5.8



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: 34.796 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.02 min

Lab File: BF107733.D

Acq: 27 Jul 2018 7:44

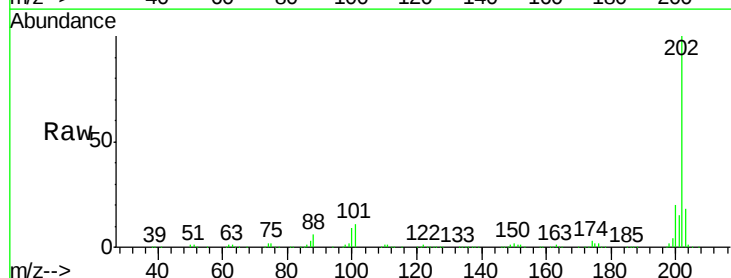
Tgt Ion:202 Resp: 1000190

Ion Ratio Lower Upper

202 100

101 11.1 0.0 34.1

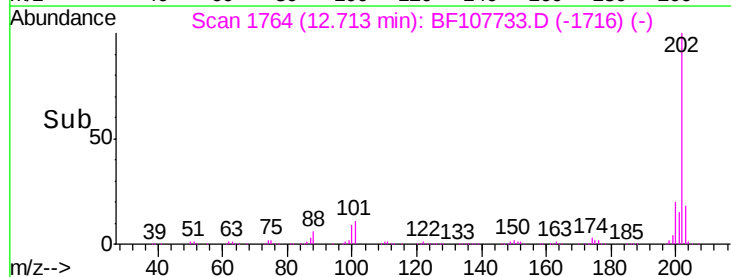
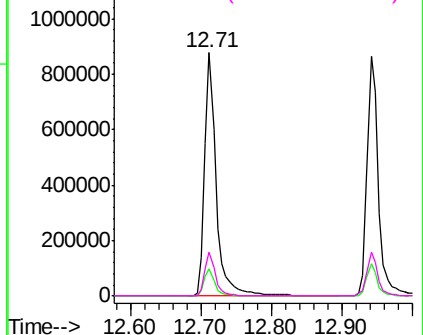
203 17.9 0.0 38.1

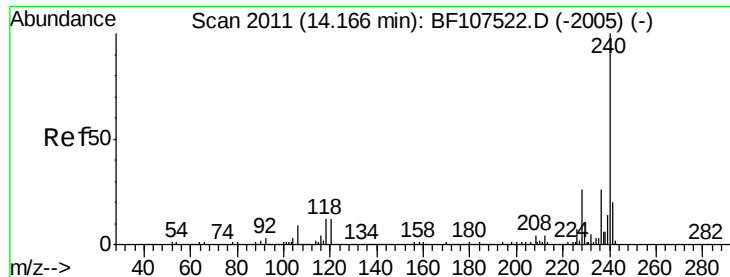


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF107733.D

Acq: 27 Jul 2018 7:44

Instrument :

BNA_F

ClientSampleId :

PB111493BSD

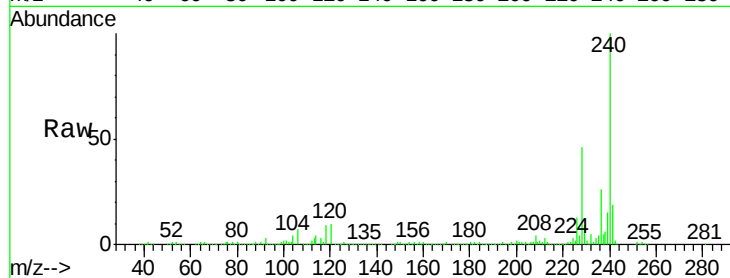
Tgt Ion:240 Resp: 354995

Ion Ratio Lower Upper

240 100

120 10.5 9.5 14.3

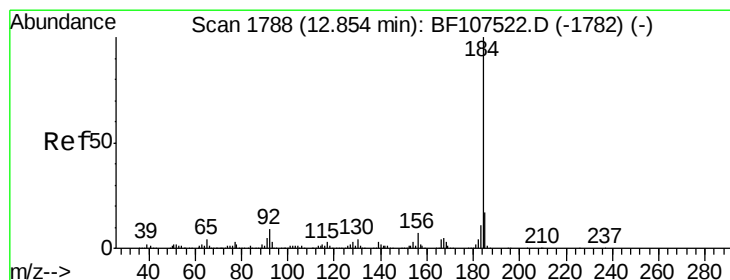
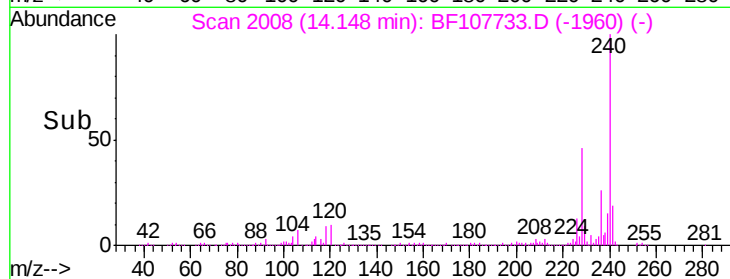
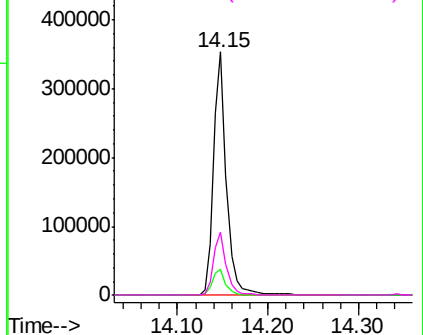
236 26.1 20.7 31.1



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: 34.056 ng

RT: 12.84 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF107733.D

Acq: 27 Jul 2018 7:44

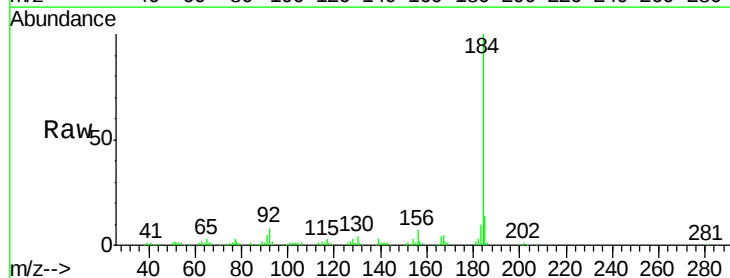
Tgt Ion:184 Resp: 348160

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

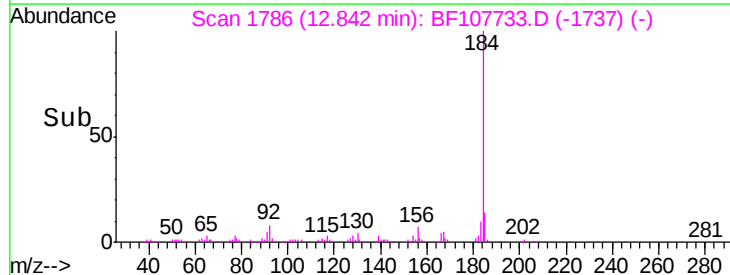
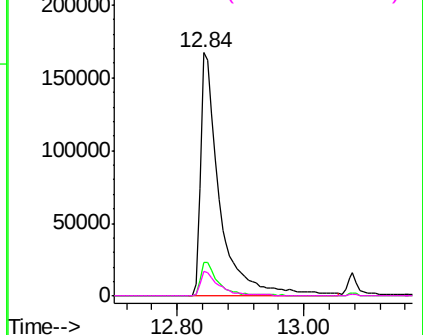
183 10.3 9.3 13.9

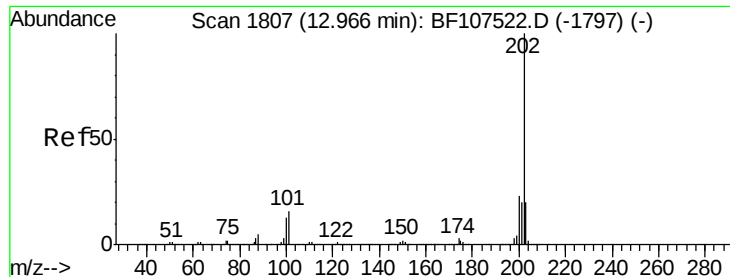


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

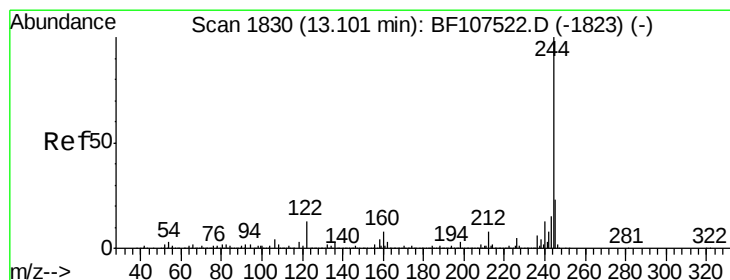
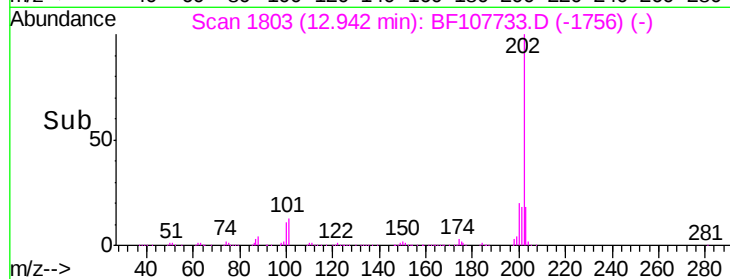
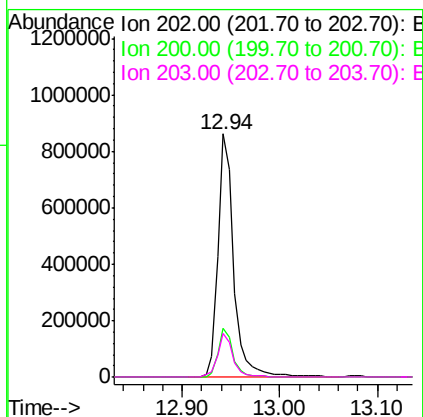
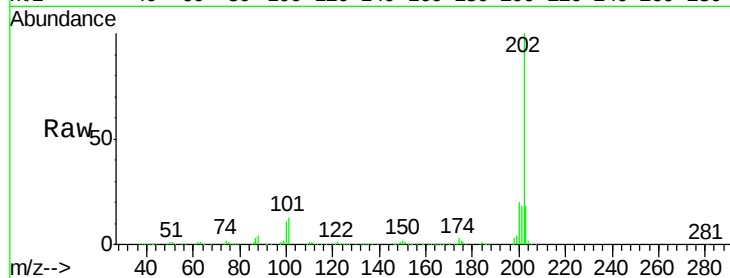




#77
 Pyrene
 Concen: 39.634 ng
 RT: 12.94 min Scan# 1803
 Delta R.T. -0.02 min
 Lab File: BF107733.D
 Acq: 27 Jul 2018 7:44

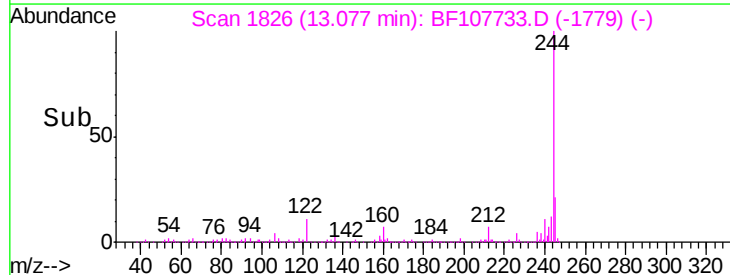
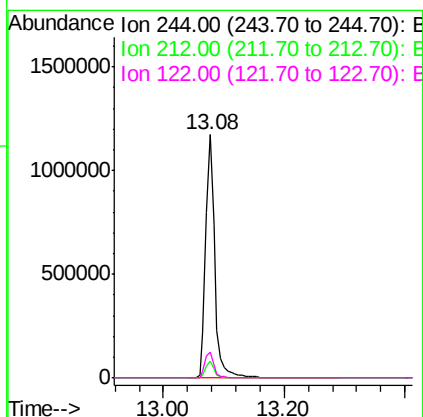
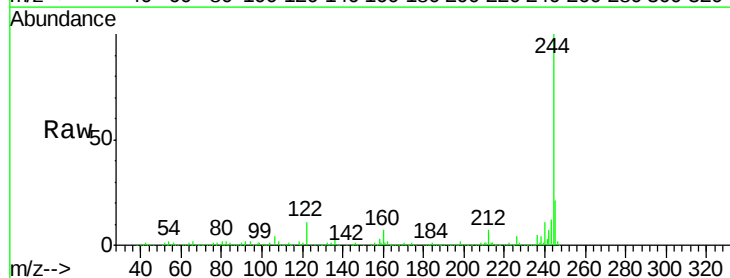
Instrument :
 BNA_F
 ClientSampleId :
 PB111493BSD

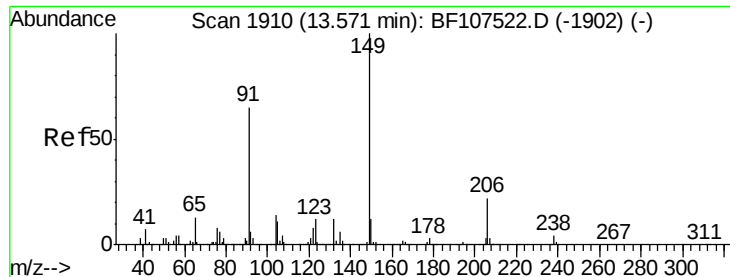
Tgt Ion: 202 Resp: 962395
 Ion Ratio Lower Upper
 202 100
 200 19.9 17.4 26.2
 203 18.3 14.3 21.5



#78
 Terphenyl-d14
 Concen: 89.768 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF107733.D
 Acq: 27 Jul 2018 7:44

Tgt Ion: 244 Resp: 1244762
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.8 11.0 16.4#





#79

Butylbenzylphthalate

Concen: 42.084 ng

RT: 13.55 min Scan# 1906

Delta R.T. -0.02 min

Lab File: BF107733.D

Acq: 27 Jul 2018 7:44

Instrument :

BNA_F

ClientSampleId :

PB111493BSD

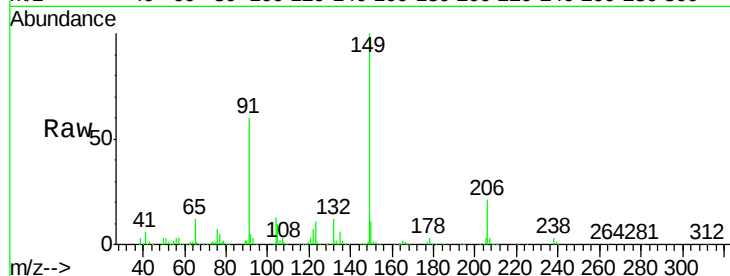
Tgt Ion:149 Resp: 439466

Ion Ratio Lower Upper

149 100

91 60.2 56.8 85.2

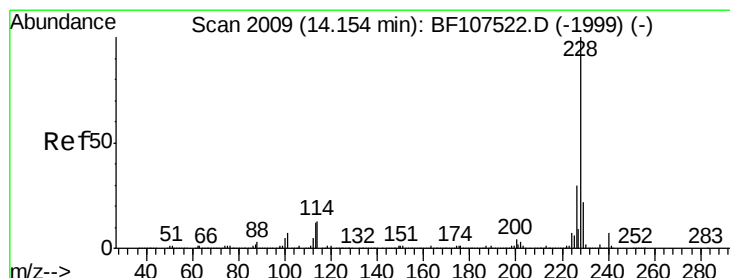
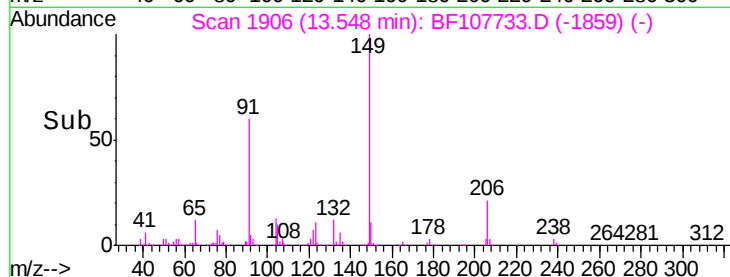
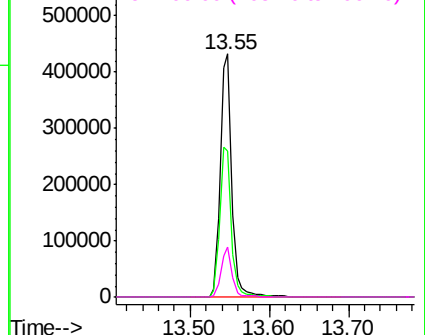
206 20.6 14.1 21.1



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: 40.371 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.02 min

Lab File: BF107733.D

Acq: 27 Jul 2018 7:44

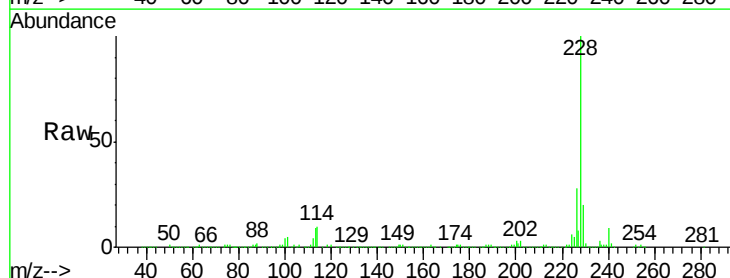
Tgt Ion:228 Resp: 839851

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

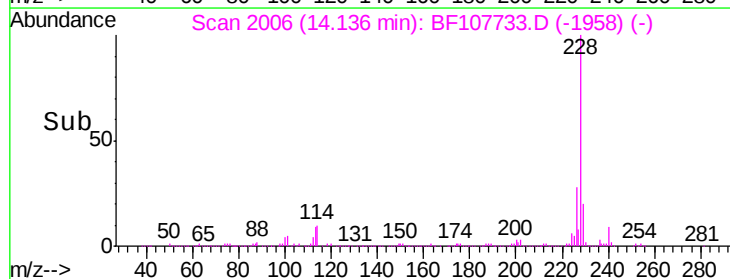
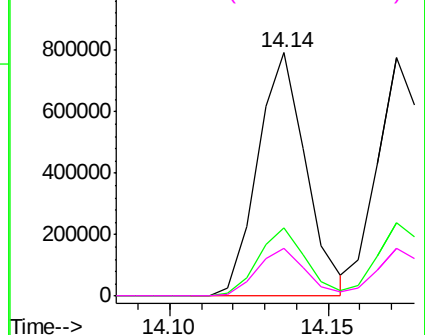
229 19.8 15.8 23.6

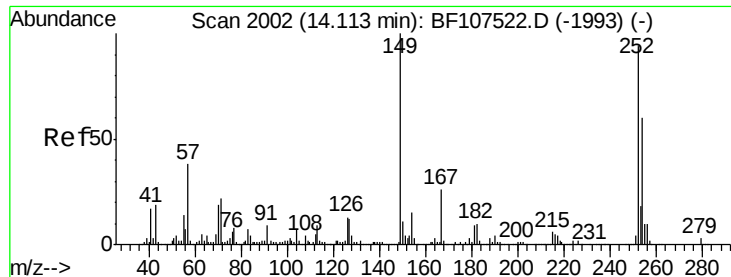


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

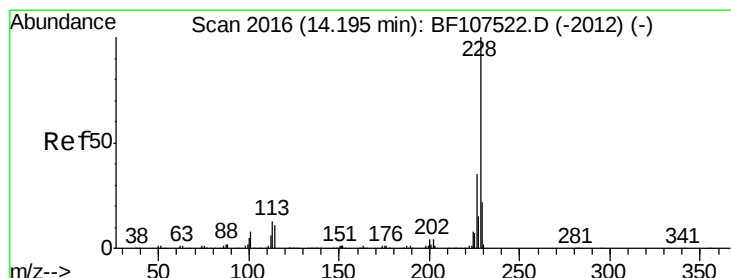
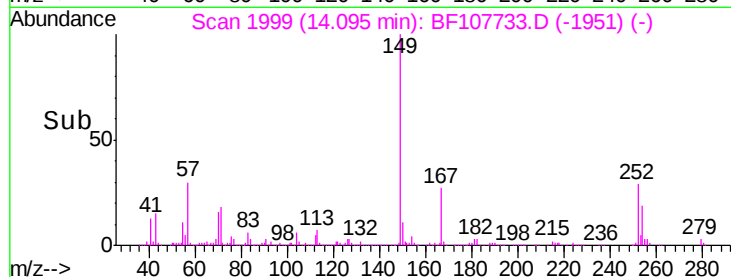
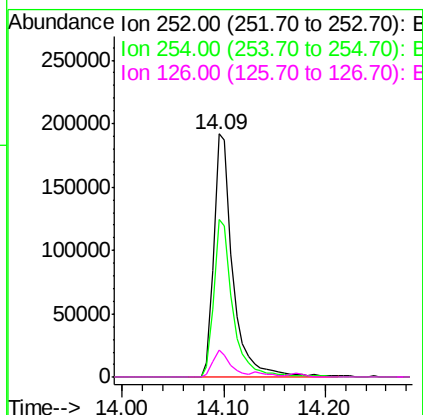
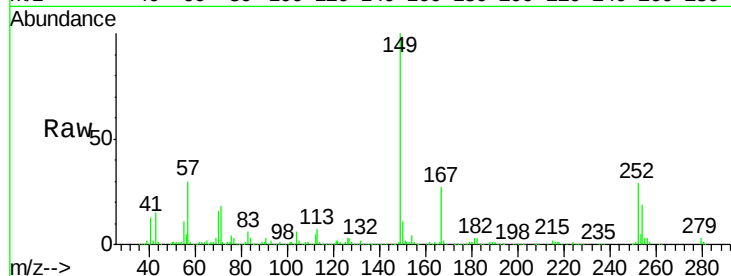




#81
 3,3'-Dichlorobenzidine
 Concen: 39.528 ng
 RT: 14.09 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BF107733.D
 Acq: 27 Jul 2018 7:44

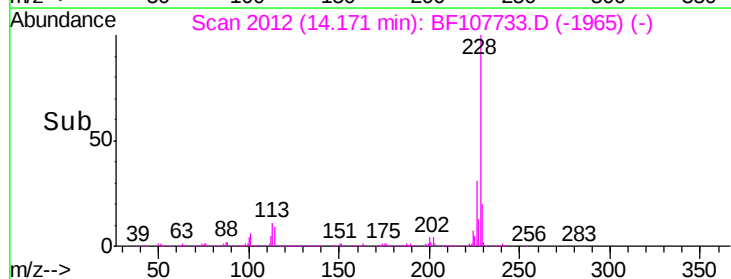
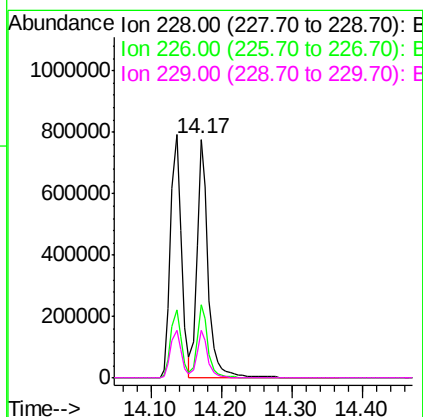
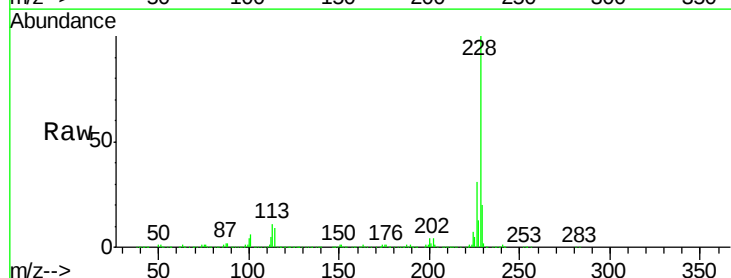
Instrument :
 BNA_F
 ClientSampleId :
 PB111493BSD

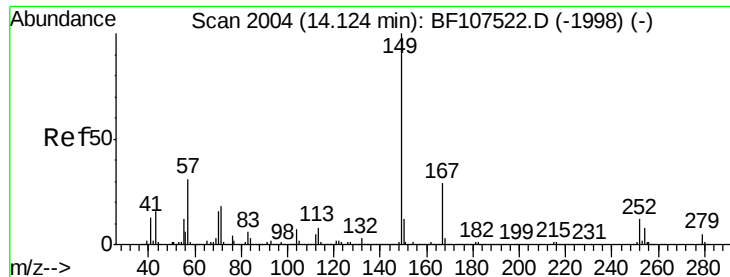
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.8	50.4	75.6
126	11.3	11.3	16.9



#82
 Chrysene
 Concen: 44.132 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.02 min
 Lab File: BF107733.D
 Acq: 27 Jul 2018 7:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	19.8	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.648 ng

RT: 14.09 min Scan# 1999

Delta R.T. -0.03 min

Lab File: BF107733.D

Acq: 27 Jul 2018 7:44

Instrument :

BNA_F

ClientSampleId :

PB111493BSD

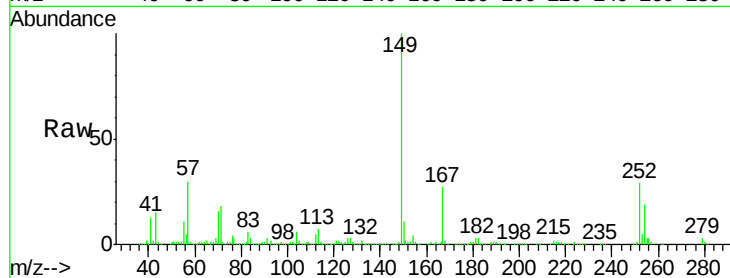
Tgt Ion:149 Resp: 569460

Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

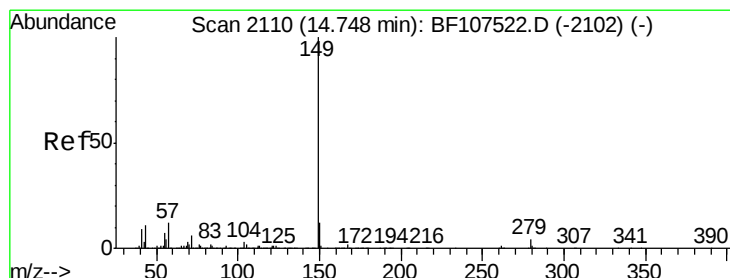
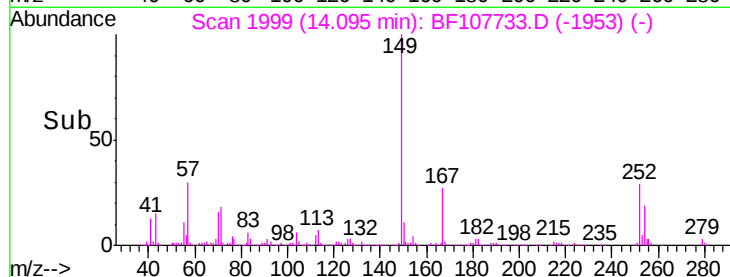
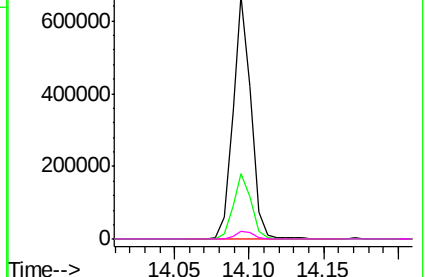
279 3.4 3.0 4.4



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: 43.800 ng

RT: 14.72 min Scan# 2105

Delta R.T. -0.03 min

Lab File: BF107733.D

Acq: 27 Jul 2018 7:44

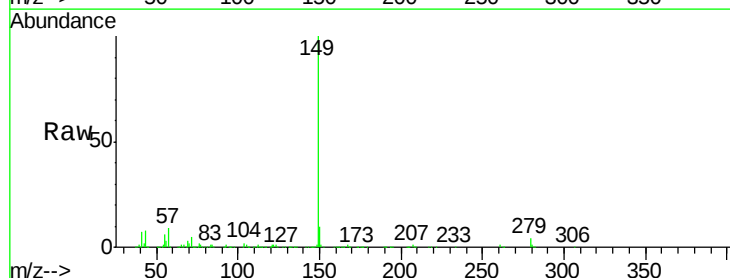
Tgt Ion:149 Resp: 1003135

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

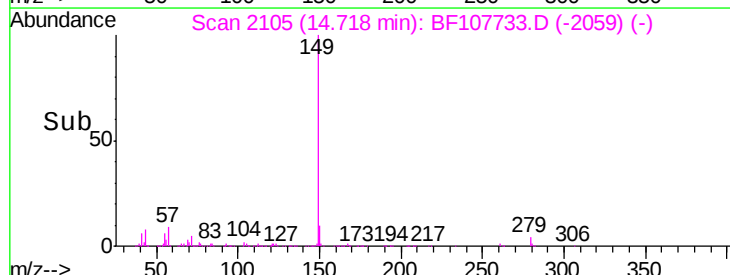
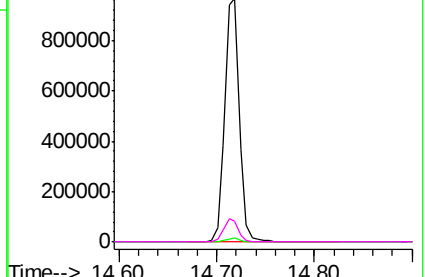
43 9.6 8.4 12.6

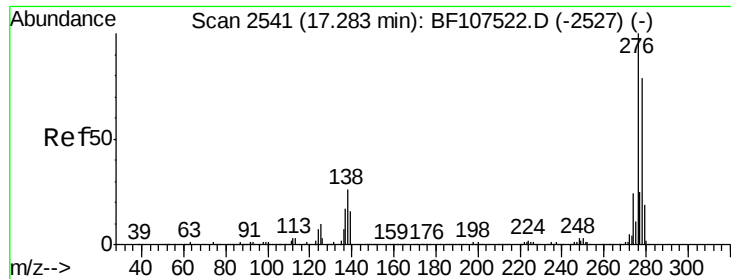


Abundance Ion 149.00 (148.70 to 149.70): E

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: 42.571 ng

RT: 17.25 min Scan# 2535

Delta R.T. -0.04 min

Lab File: BF107733.D

Acq: 27 Jul 2018 7:44

Instrument :

BNA_F

ClientSampleId :

PB111493BSD

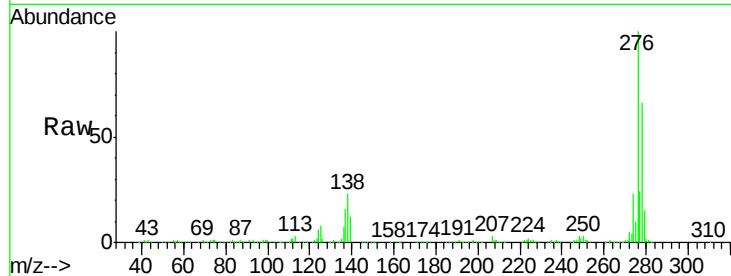
Tgt Ion:276 Resp: 721017

Ion Ratio Lower Upper

276 100

138 24.2 25.0 37.6#

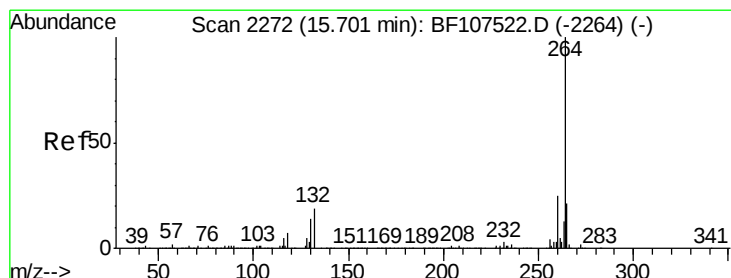
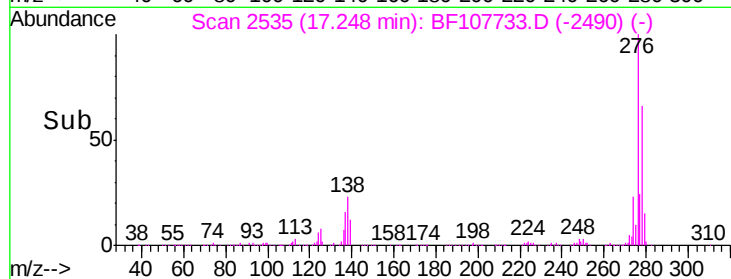
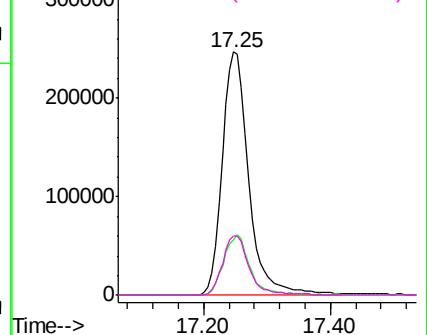
277 24.6 20.1 30.1



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: 15.68 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BF107733.D

Acq: 27 Jul 2018 7:44

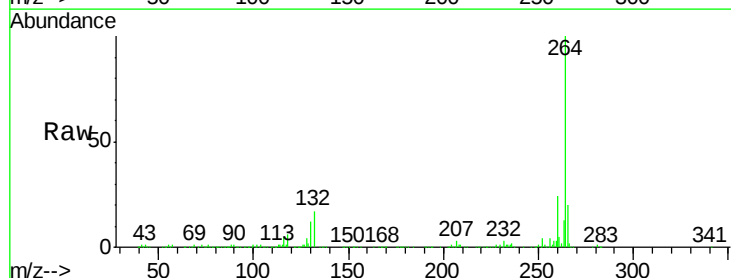
Tgt Ion:264 Resp: 380933

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

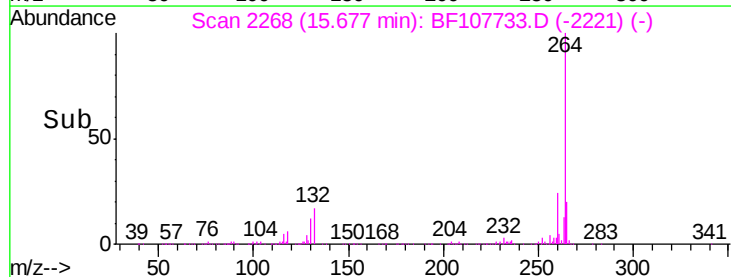
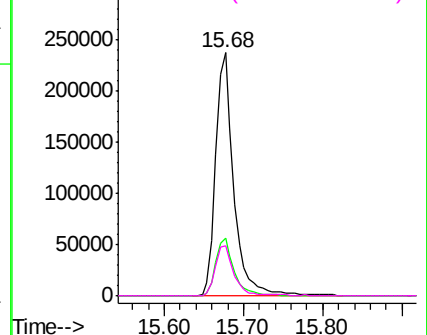
265 20.4 17.5 26.3

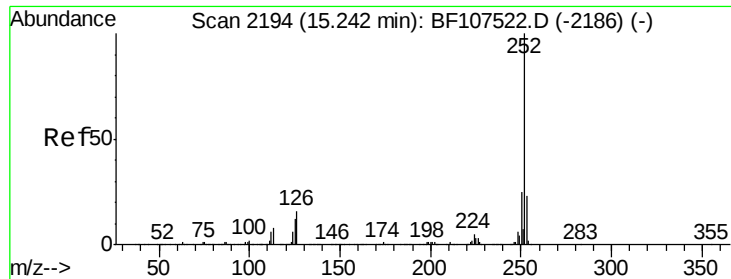


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

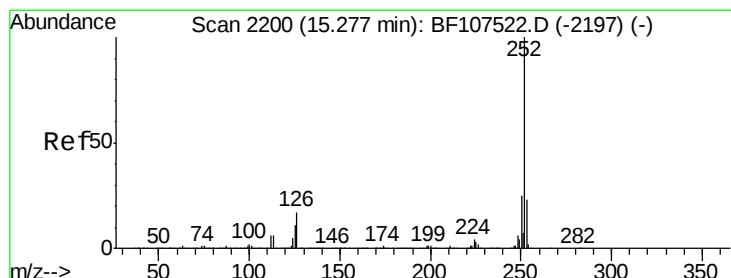
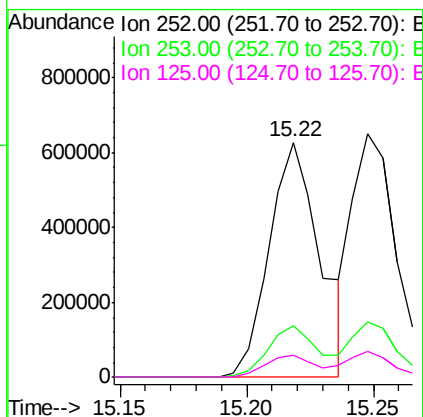
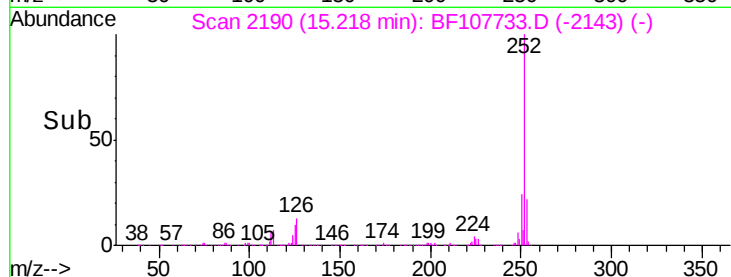
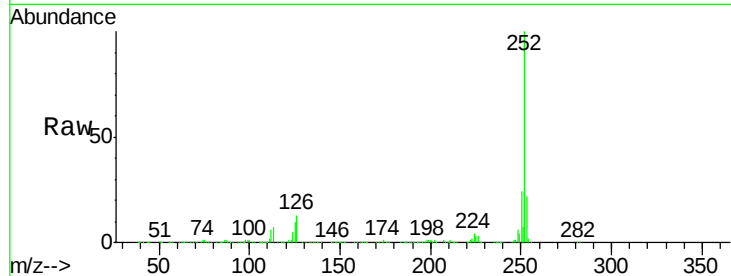




#87
Benzo(b)fluoranthene
Concen: 42.196 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BF107733.D
Acq: 27 Jul 2018 7:44

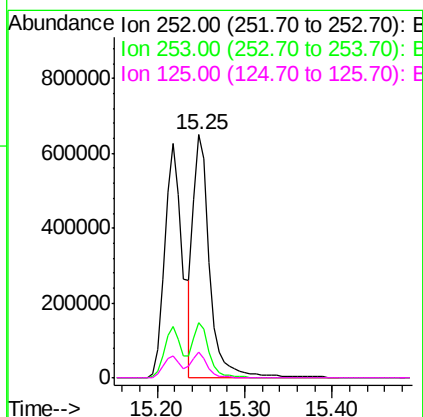
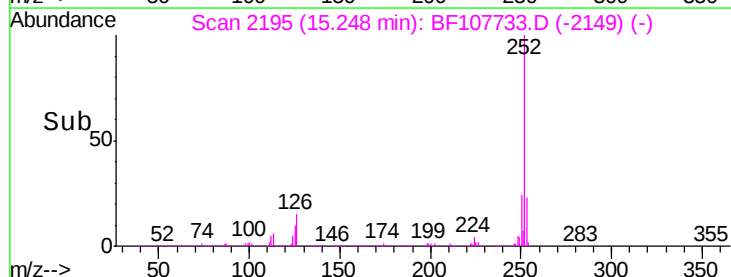
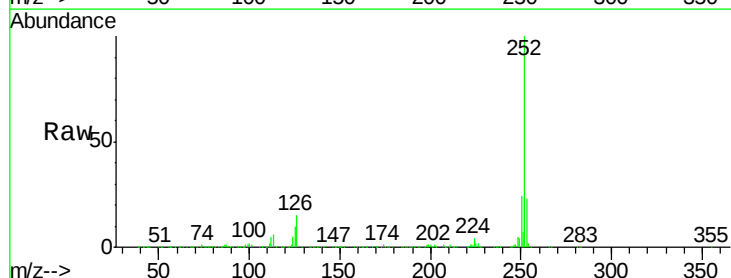
Instrument :
BNA_F
ClientSampleId :
PB111493BSD

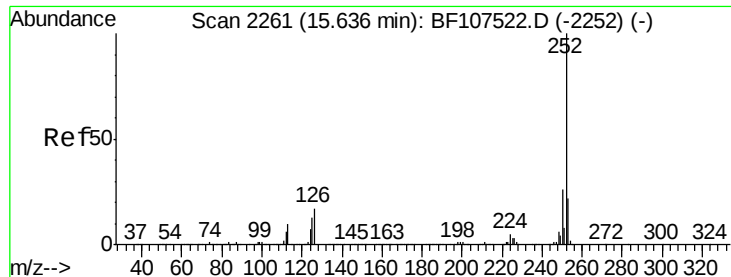
Tgt Ion:252 Resp: 879708
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 9.7 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 41.826 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.03 min
Lab File: BF107733.D
Acq: 27 Jul 2018 7:44

Tgt Ion:252 Resp: 854302
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 10.5 10.2 15.2





#89

Benzo(a)pyrene

Concen: 43.097 ng

RT: 15.61 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BF107733.D

Acq: 27 Jul 2018 7:44

Instrument :

BNA_F

ClientSampleId :

PB111493BSD

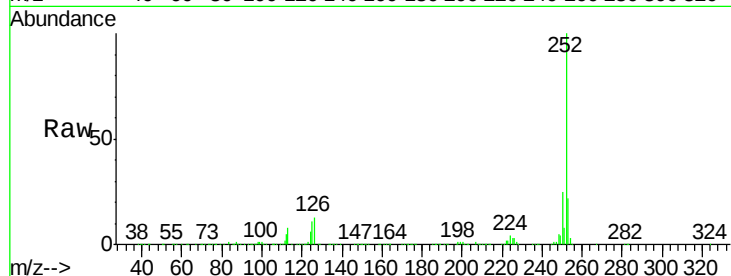
Tgt Ion:252 Resp: 821879

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

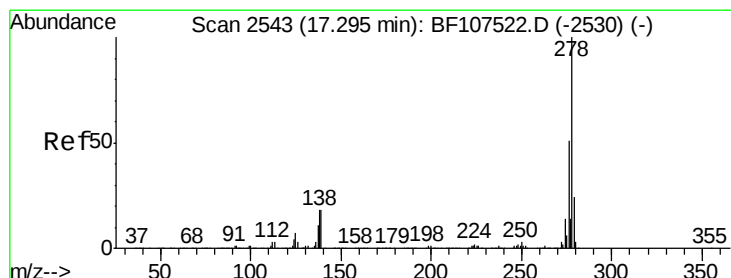
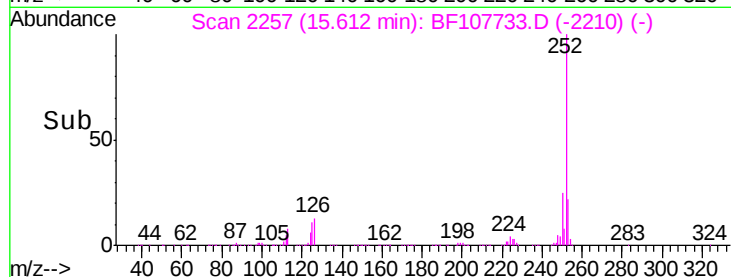
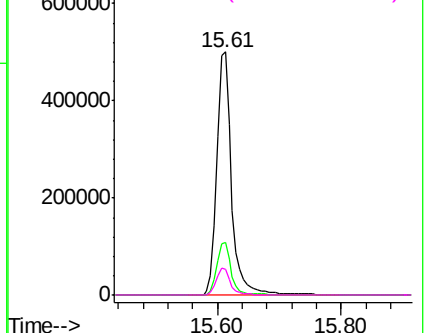
125 10.8 9.8 14.6



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: 37.366 ng

RT: 17.26 min Scan# 2537

Delta R.T. -0.04 min

Lab File: BF107733.D

Acq: 27 Jul 2018 7:44

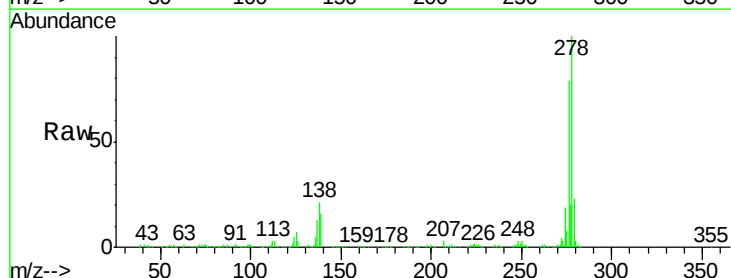
Tgt Ion:278 Resp: 615979

Ion Ratio Lower Upper

278 100

139 15.6 15.9 23.9#

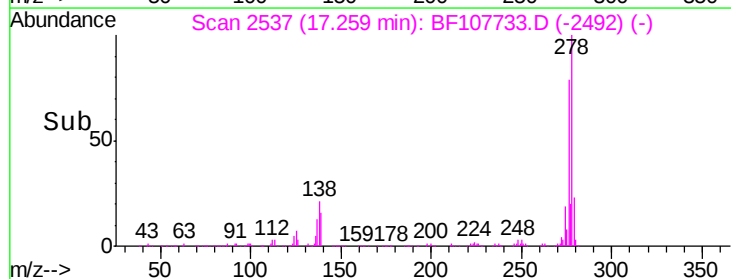
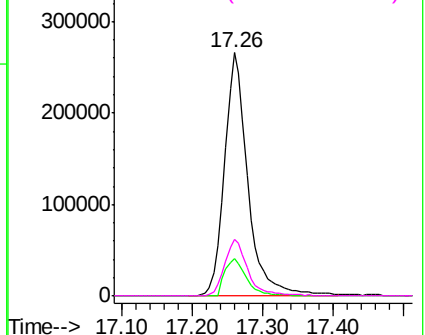
279 23.3 19.0 28.4

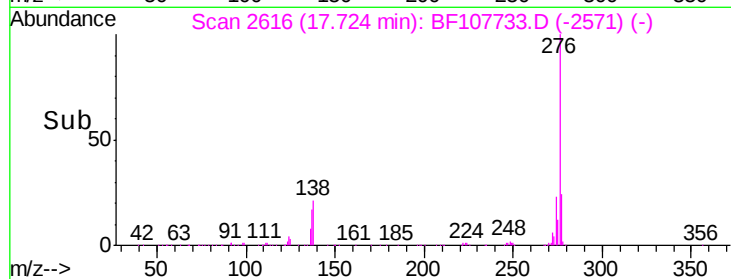
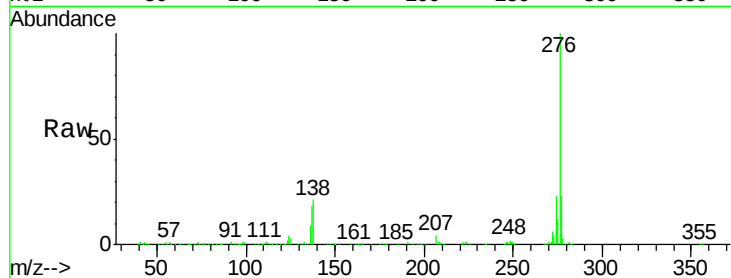
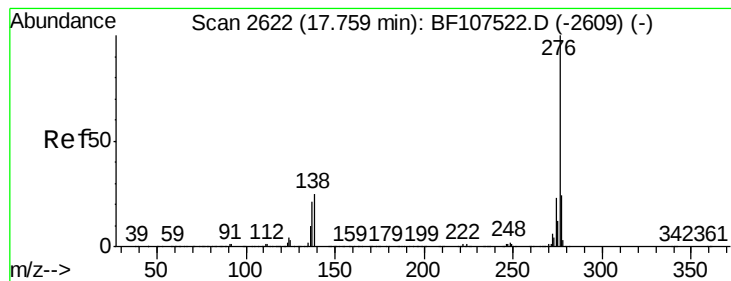


Abundance Ion 278.00 (277.70 to 278.70): E

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: 33.691 ng

RT: 17.72 min Scan# 2616

Delta R.T. -0.04 min

Lab File: BF107733.D

Acq: 27 Jul 2018 7:44

Instrument :

BNA_F

ClientSampleId :

PB111493BSD

Tgt Ion: 276 Resp: 547842

Ion Ratio Lower Upper

276 100

277 23.5 17.9 26.9

138 21.0 21.8 32.8#

