

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072518\
 Data File : BF107693.D
 Acq On : 26 Jul 2018 8:36
 Operator : JU/SJ
 Sample : PB111438BSD
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111438BSD

Quant Time: Jul 26 10:57:06 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	183752	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	674084	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	263138	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	447617	20.00	ng	0.00
75) Chrysene-d12	14.15	240	316945	20.00	ng	-0.01
86) Perylene-d12	15.69	264	262186	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	885328	77.47	ng	0.00
7) Phenol-d6	6.60	99	1067240	77.77	ng	-0.01
23) Nitrobenzene-d5	7.54	82	999454	100.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	256816	85.83	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1756302	133.26	ng	-0.01
78) Terphenyl-d14	13.09	244	1311947	105.97	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.92	88	158256	29.750	ng	# 85
3) Pyridine	3.68	79	410683	28.379	ng	# 84
4) n-Nitrosodimethylamine	3.65	42	173247	28.385	ng	94
6) Aniline	6.64	93	369924	20.900	ng	# 79
8) 2-Chlorophenol	6.76	128	488731	39.915	ng	99
9) Benzaldehyde	6.52	77	169000	17.093	ng	92
10) Phenol	6.62	94	556063	34.454	ng	96
11) bis(2-Chloroethyl)ether	6.70	93	401583	30.013	ng	94
12) 1,3-Dichlorobenzene	6.91	146	525304	37.840	ng	97
13) 1,4-Dichlorobenzene	6.98	146	562608	39.541	ng	98
14) 1,2-Dichlorobenzene	7.14	146	504810	39.534	ng	99
15) Benzyl Alcohol	7.11	79	362538	38.763	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	774335	34.303	ng	84
17) 2-Methylphenol	7.22	107	404681	38.886	ng	95
18) Hexachloroethane	7.47	117	155015	31.061	ng	97
19) n-Nitroso-di-n-propylamine	7.38	70	321405	36.255	ng	98
20) 3+4-Methylphenols	7.37	107	507827	41.095	ng	# 69
22) Acetophenone	7.38	105	690367	43.609	ng	# 90
24) Nitrobenzene	7.55	77	475390	41.554	ng	98
25) Isophorone	7.78	82	889473	41.707	ng	99
26) 2-Nitrophenol	7.87	139	228042	47.203	ng	98
27) 2,4-Dimethylphenol	7.90	122	420726	46.007	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	572399	40.162	ng	100
29) 2,4-Dichlorophenol	8.11	162	394492	42.206	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	425960	40.575	ng	99
31) Naphthalene	8.27	128	1359176	45.853	ng	99
32) Benzoic acid	8.02	122	194815	33.393	ng	98
33) 4-Chloroaniline	8.33	127	181361	13.998	ng	99
34) Hexachlorobutadiene	8.38	225	259482	41.597	ng	98
35) Caprolactam	8.70	113	115677	38.049	ng	# 70
36) 4-Chloro-3-methylphenol	8.81	107	412096	39.690	ng	99
37) 2-Methylnaphthalene	8.97	142	891044	43.379	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	416844	47.494	ng	# 97
40) Hexachlorocyclopentadiene	9.11	237	46102	10.333	ng	97

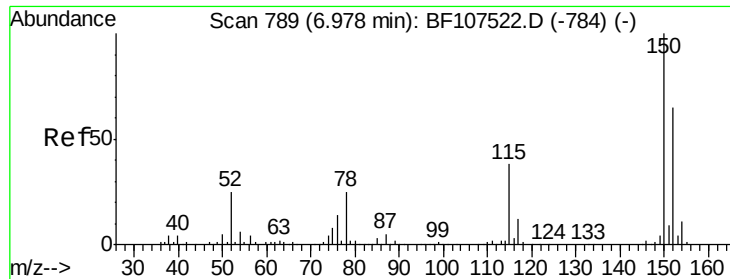
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072518\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	240057	42.731	ng	99
43) 2,4,5-Trichlorophenol	9.29	196	269671	45.929	ng	96
45) 1,1'-Biphenyl	9.43	154	1087225	47.431	ng	98
46) 2-Chloronaphthalene	9.46	162	771830	44.051	ng	98
47) 2-Nitroaniline	9.56	65	272249	53.298	ng	92
48) Acenaphthylene	9.87	152	1210927	46.007	ng	99
49) Dimethylphthalate	9.72	163	915597	46.168	ng	99
50) 2,6-Dinitrotoluene	9.80	165	178501	45.335	ng	96
51) Acenaphthene	10.05	154	710005	43.054	ng	100
52) 3-Nitroaniline	9.97	138	178508	37.266	ng	99
53) 2,4-Dinitrophenol	10.08	184	19403	21.474	ng	# 69
54) Dibenzofuran	10.22	168	1035148	42.637	ng	99
55) 4-Nitrophenol	10.14	139	230751	64.341	ng	95
56) 2,4-Dinitrotoluene	10.20	165	202993	42.710	ng	# 94
57) Fluorene	10.56	166	796338	45.977	ng	94
58) 2,3,4,6-Tetrachlorophenol	10.34	232	220147	45.052	ng	# 84
59) Diethylphthalate	10.42	149	912189	44.042	ng	99
60) 4-Chlorophenyl-phenylether	10.55	204	406327	41.497	ng	93
61) 4-Nitroaniline	10.59	138	184765	45.910	ng	94
62) Azobenzene	10.71	77	759910	39.127	ng	95
64) 4,6-Dinitro-2-methylphenol	10.61	198	17285	15.233	ng	93
65) n-Nitrosodiphenylamine	10.67	169	712496	46.868	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	231159	43.870	ng	# 87
67) Hexachlorobenzene	11.11	284	245226	42.297	ng	# 89
68) Atrazine	11.19	200	202245	43.573	ng	95
69) Pentachlorophenol	11.31	266	222785	61.520	ng	97
70) Phenanthrene	11.53	178	991801	45.469	ng	99
71) Anthracene	11.58	178	1072052	48.814	ng	100
72) Carbazole	11.74	167	996265	43.623	ng	99
73) Di-n-butylphthalate	12.05	149	1251150	58.075	ng	100
74) Fluoranthene	12.72	202	1078253	46.066	ng	96
76) Benzidine	12.85	184	718996	78.773	ng	97
77) Pyrene	12.95	202	1060545	48.920	ng	99
79) Butylbenzylphthalate	13.55	149	495838	53.182	ng	94
80) Benzo(a)anthracene	14.14	228	857395	46.162	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	305305	61.745	ng	96
82) Chrysene	14.18	228	842373	47.214	ng	100
83) Bis(2-ethylhexyl)phthalate	14.11	149	647125	49.192	ng	100
84) Di-n-octyl phthalate	14.72	149	1078110	52.725	ng	98
85) Indeno(1,2,3-cd)pyrene	17.27	276	652645	43.160	ng	94
87) Benzo(b)fluoranthene	15.23	252	642120	44.750	ng	98
88) Benzo(k)fluoranthene	15.26	252	723656	51.476	ng	98
89) Benzo(a)pyrene	15.62	252	635723	48.434	ng	98
90) Dibenzo(a,h)anthracene	17.28	278	558541	49.227	ng	98
91) Benzo(g,h,i)perylene	17.75	276	534778	47.783	ng	# 92

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

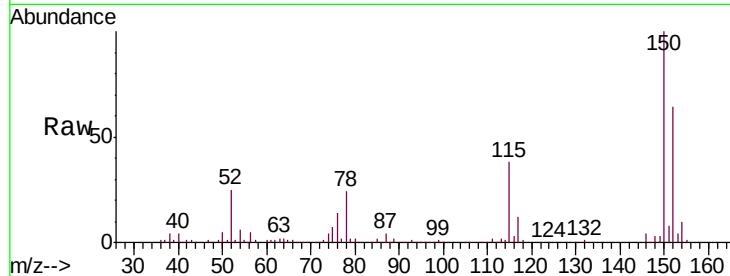


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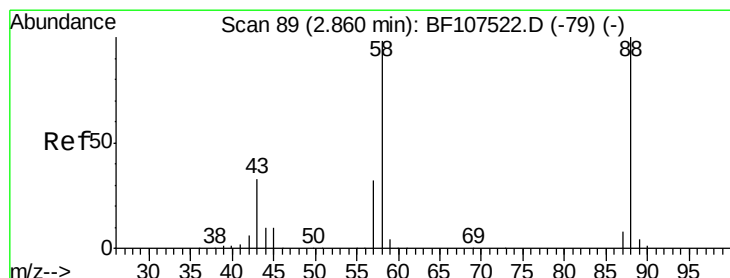
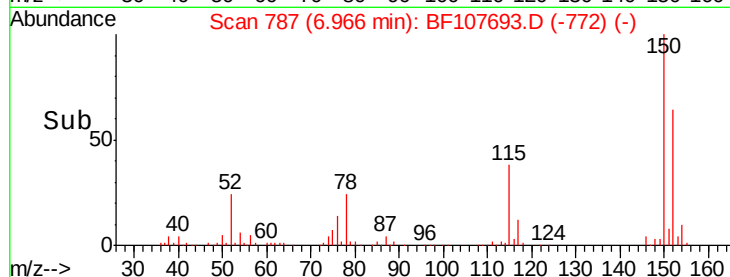
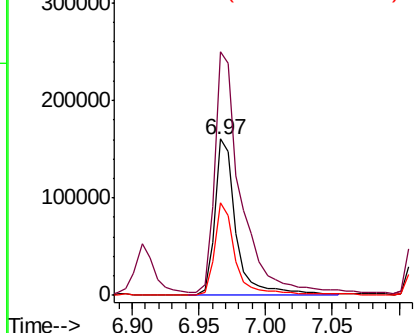
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107693.D
Acq: 26 Jul 2018 8:36

Instrument :
BNA_F
ClientSampleId :
PB111438BSD

Tgt Ion: 152 Resp: 183752
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 58.9 50.1 75.1



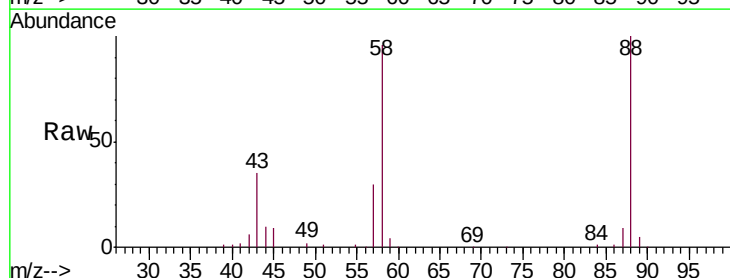
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



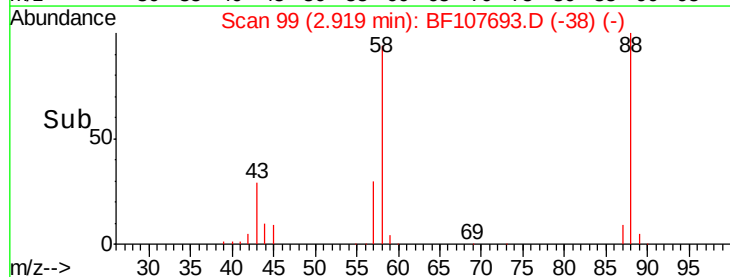
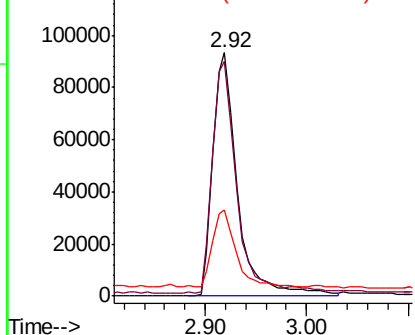
#2

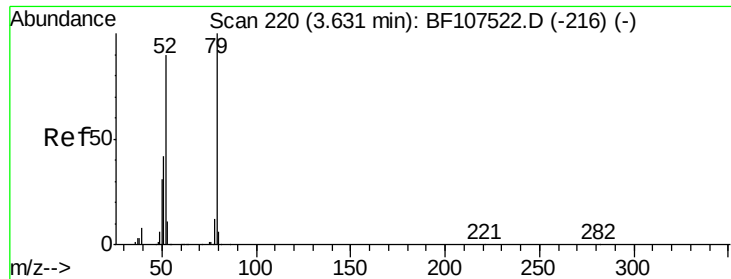
1,4-Dioxane
Concen: 29.750 ng
RT: 2.92 min Scan# 99
Delta R.T. 0.06 min
Lab File: BF107693.D
Acq: 26 Jul 2018 8:36

Tgt Ion: 88 Resp: 158256
Ion Ratio Lower Upper
88 100
58 96.1 62.6 93.8#
43 30.1 24.6 37.0



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





#3

Pyridine

Concen: 28.379 ng

RT: 3.68 min Scan# 228

Delta R.T. 0.05 min

Lab File: BF107693.D

Acq: 26 Jul 2018 8:36

Instrument :

BNA_F

ClientSampleId :

PB111438BSD

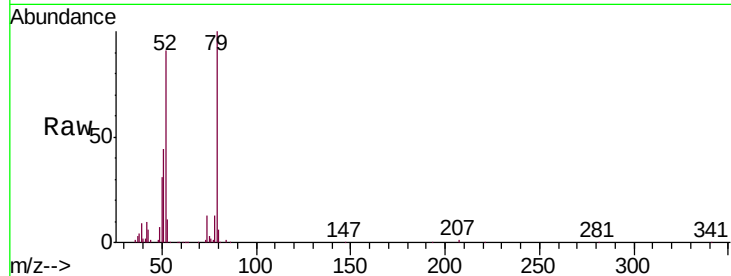
Tgt Ion: 79 Resp: 410683

Ion Ratio Lower Upper

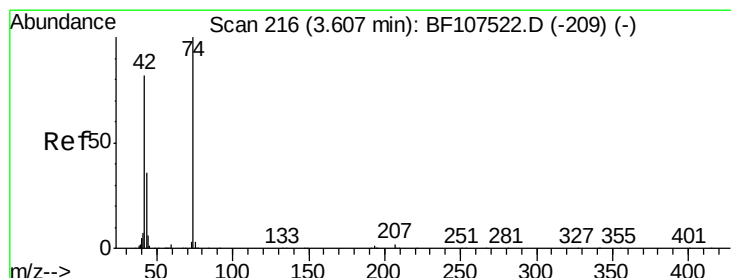
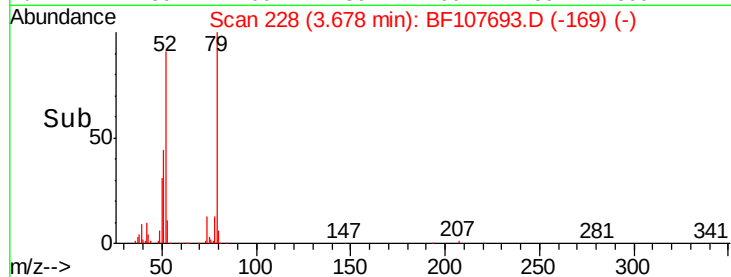
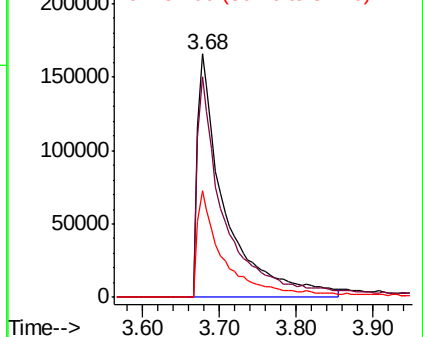
79 100

52 90.8 59.8 89.6#

51 44.1 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 28.385 ng

RT: 3.65 min Scan# 223

Delta R.T. 0.04 min

Lab File: BF107693.D

Acq: 26 Jul 2018 8:36

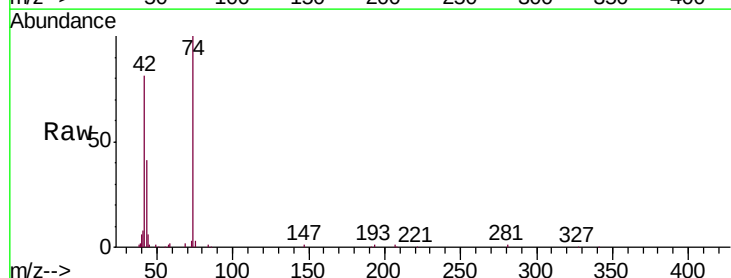
Tgt Ion: 42 Resp: 173247

Ion Ratio Lower Upper

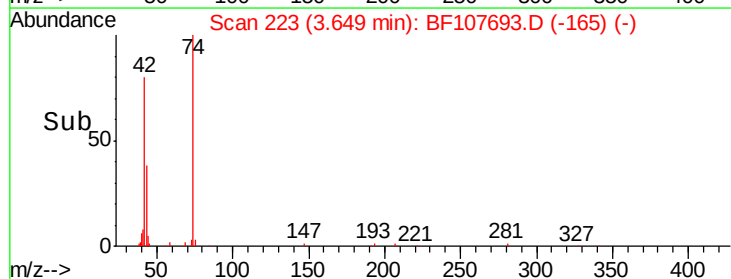
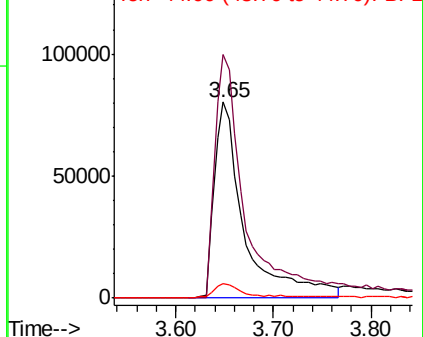
42 100

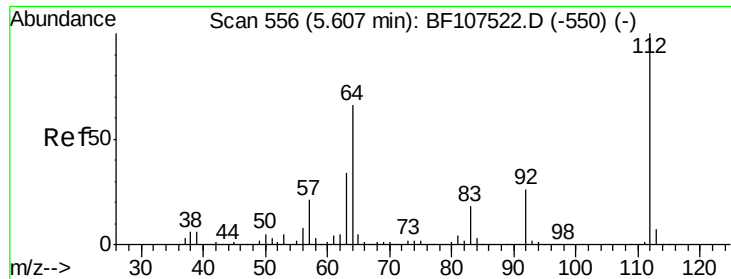
74 124.1 104.9 157.3

44 7.2 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 77.465 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF107693.D

Acq: 26 Jul 2018 8:36

Instrument :

BNA_F

ClientSampleId :

PB111438BSD

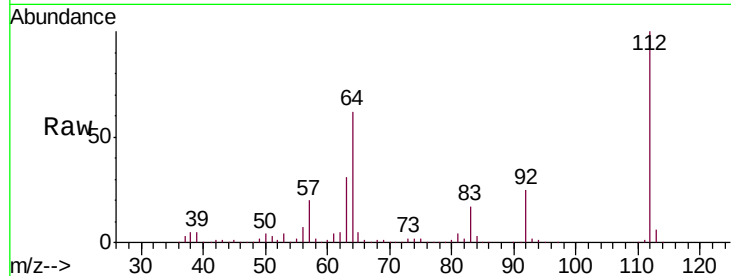
Tgt Ion: 112 Resp: 885328

Ion Ratio Lower Upper

112 100

64 61.8 47.9 71.9

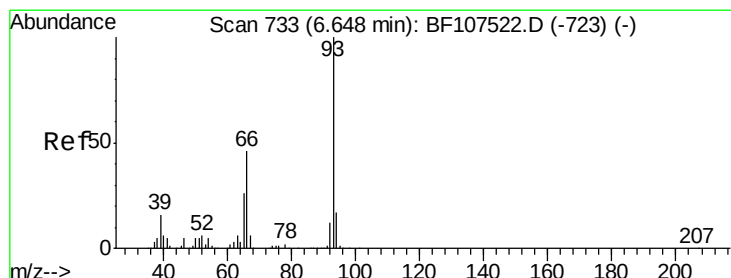
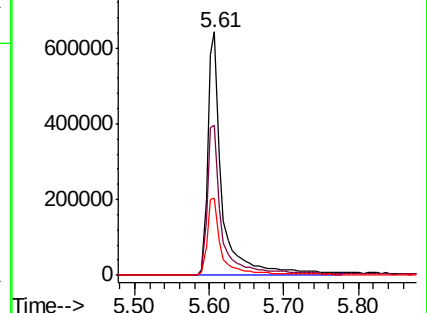
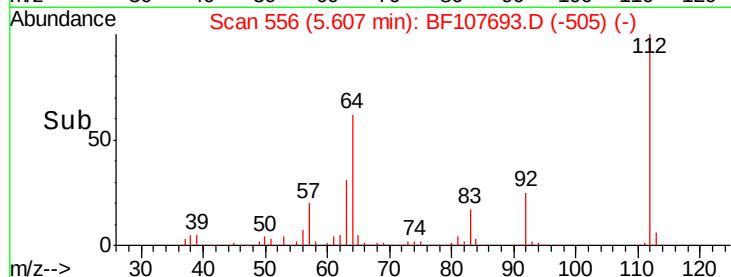
63 31.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.900 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF107693.D

Acq: 26 Jul 2018 8:36

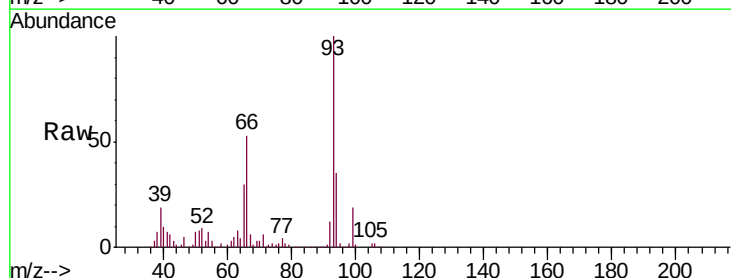
Tgt Ion: 93 Resp: 369924

Ion Ratio Lower Upper

93 100

66 52.9 32.2 48.2#

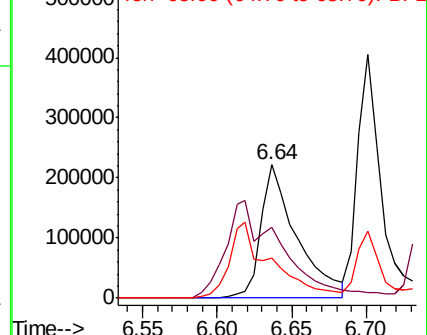
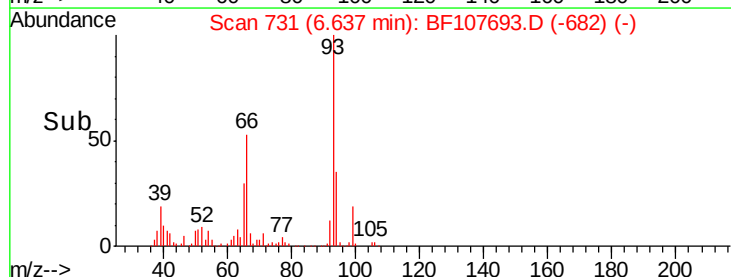
65 30.0 16.4 24.6#

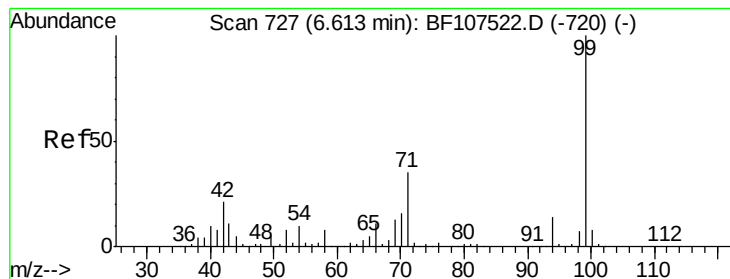


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.771 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107693.D

Acq: 26 Jul 2018 8:36

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ClientSampleId :

PB111438BSD

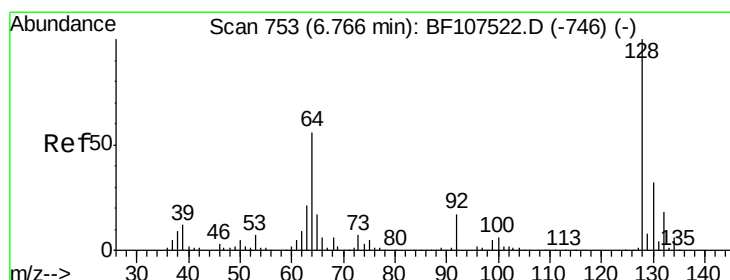
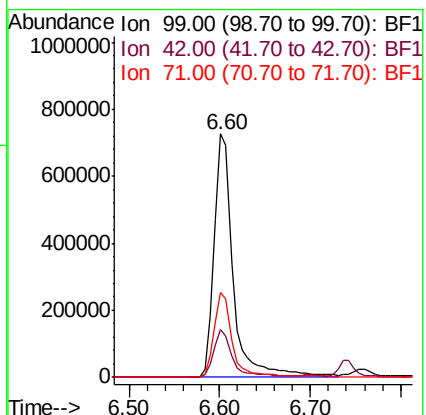
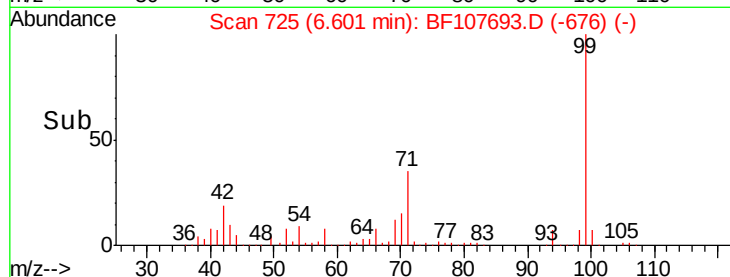
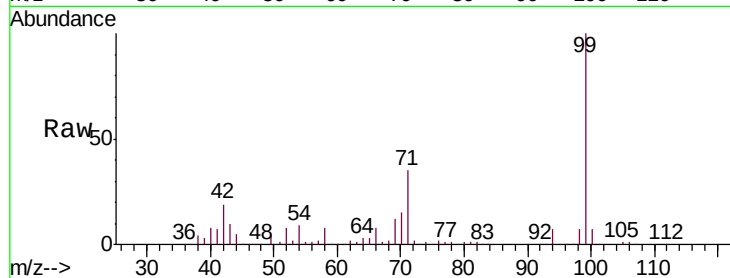
Tgt Ion: 99 Resp: 1067240

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 34.9 25.4 38.0



#8

2-Chlorophenol

Concen: 39.915 ng

RT: 6.76 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF107693.D

Acq: 26 Jul 2018 8:36

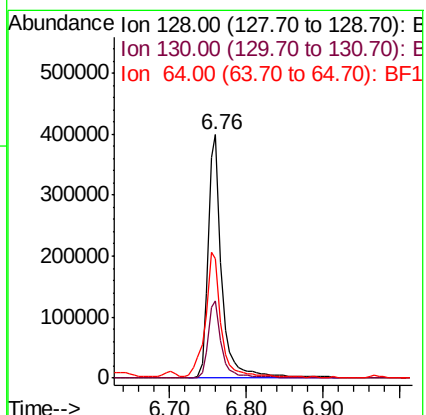
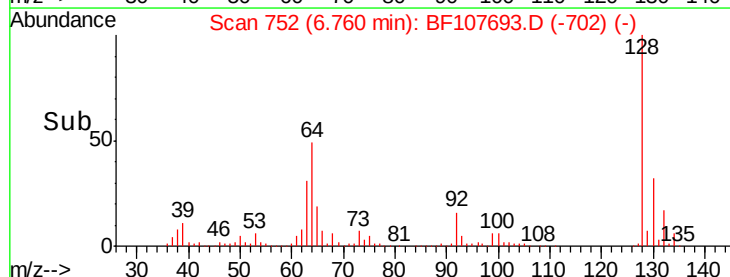
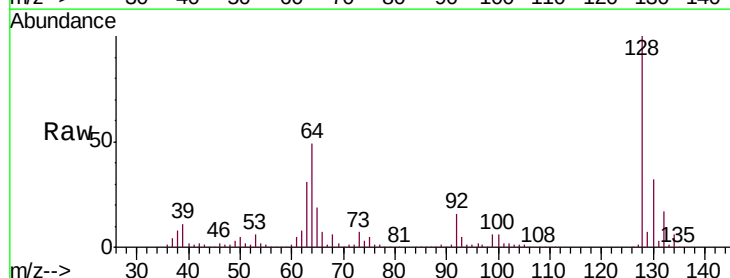
Tgt Ion: 128 Resp: 488731

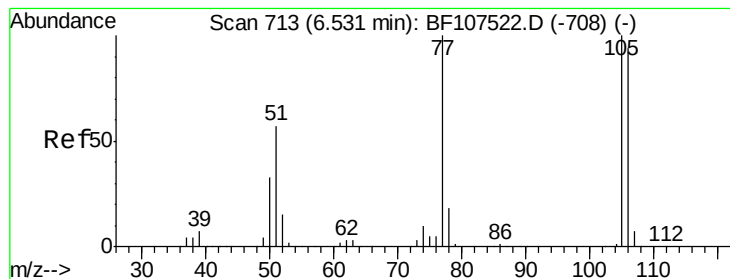
Ion Ratio Lower Upper

128 100

130 31.9 13.0 53.0

64 49.0 29.4 69.4





#9

Benzaldehyde

Concen: 17.093 ng

RT: 6.52 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF107693.D

Acq: 26 Jul 2018 8:36

Instrument :

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PB111438BSD

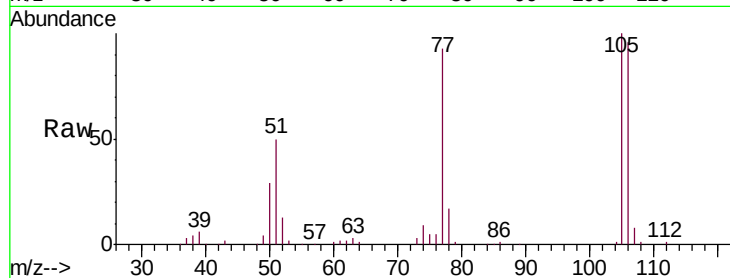
Tgt Ion: 77 Resp: 169000

Ion Ratio Lower Upper

77 100

105 108.0 81.1 121.1

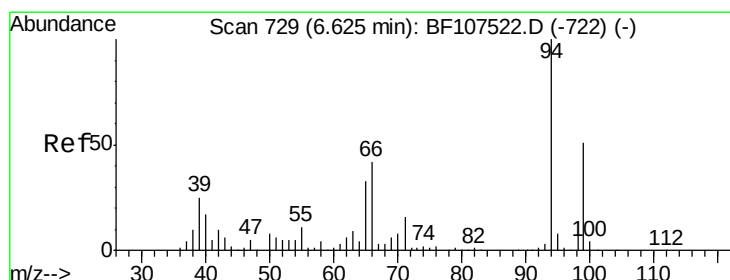
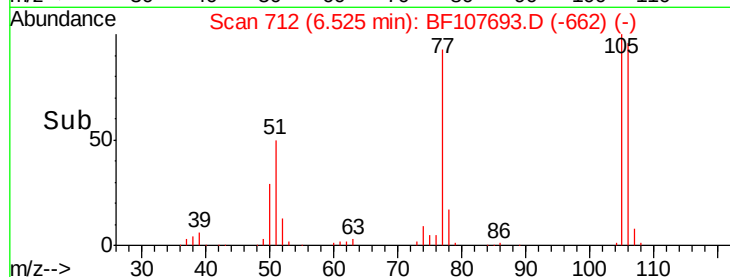
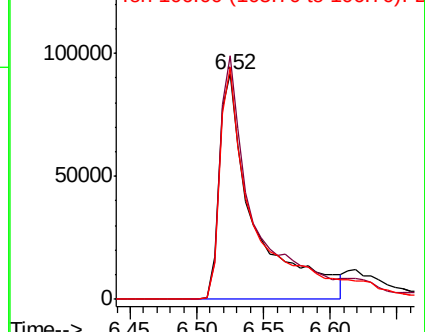
106 103.2 74.5 114.5



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: 34.454 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107693.D

Acq: 26 Jul 2018 8:36

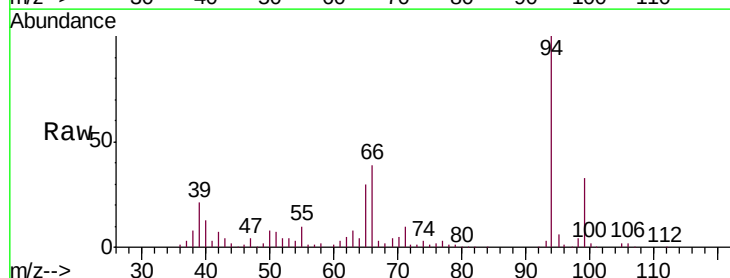
Tgt Ion: 94 Resp: 556063

Ion Ratio Lower Upper

94 100

65 30.3 7.9 47.9

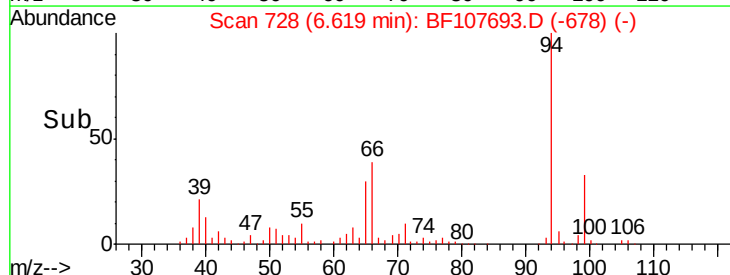
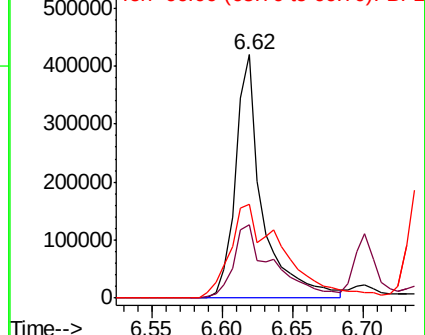
66 38.8 16.2 56.2

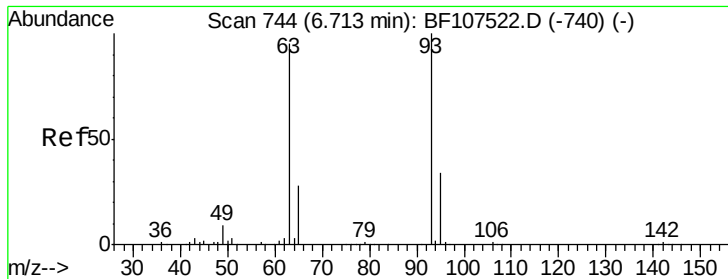


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

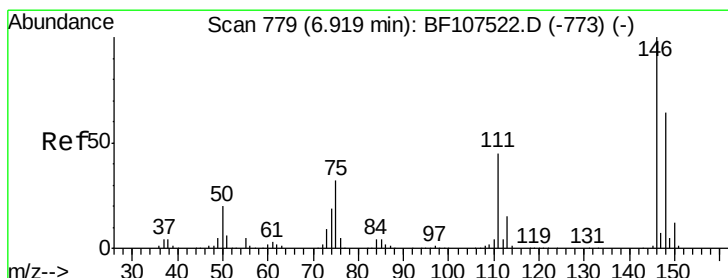
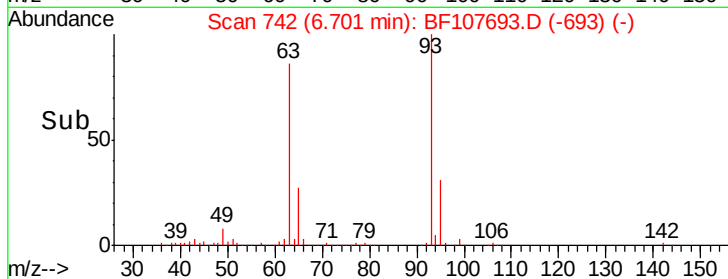
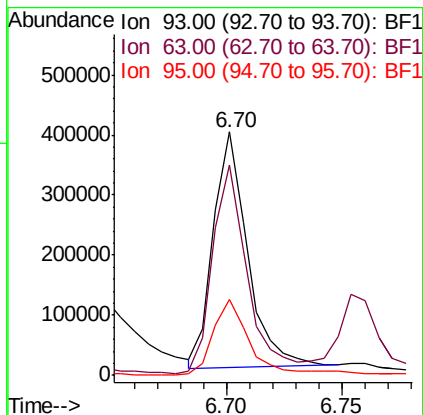
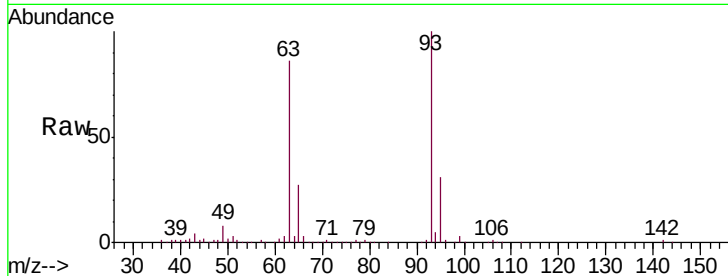




#11
 bis(2-Chloroethyl)ether
 Concen: 30.013 ng
 RT: 6.70 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF107693.D
 Acq: 26 Jul 2018 8:36

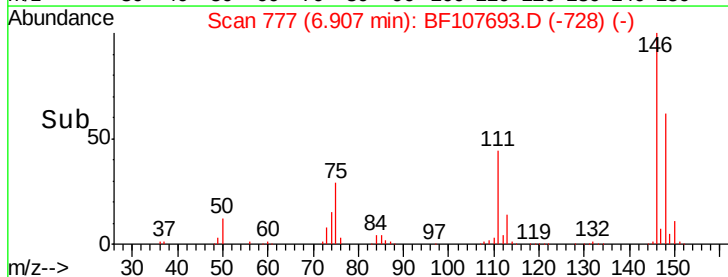
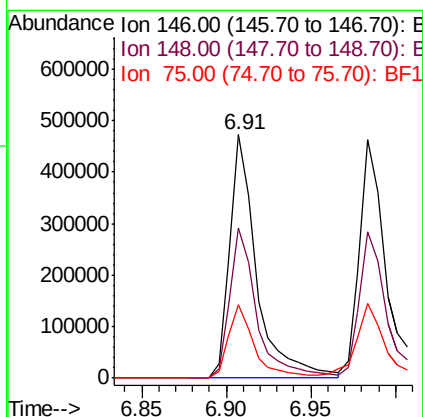
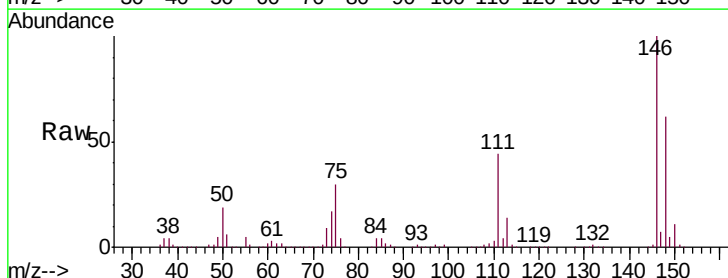
Instrument :
 BNA_F
 ClientSampleId :
 PB111438BSD

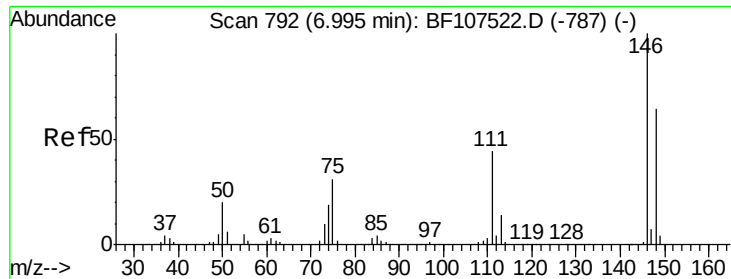
Tgt Ion: 93 Resp: 401583
 Ion Ratio Lower Upper
 93 100
 63 86.2 58.6 98.6
 95 31.4 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 37.840 ng
 RT: 6.91 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF107693.D
 Acq: 26 Jul 2018 8:36

Tgt Ion: 146 Resp: 525304
 Ion Ratio Lower Upper
 146 100
 148 61.8 51.8 77.8
 75 30.4 24.2 36.4

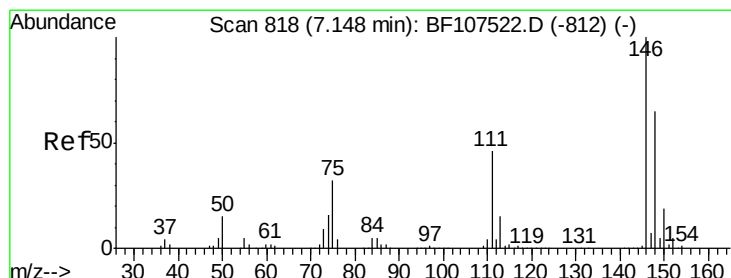
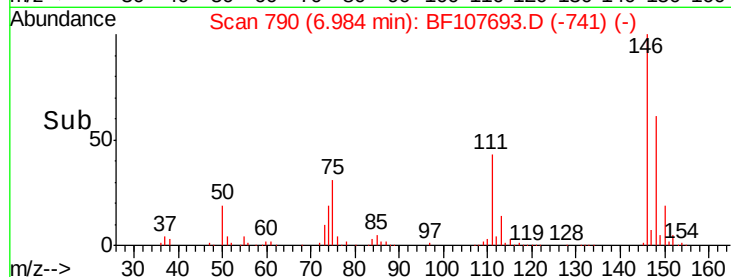
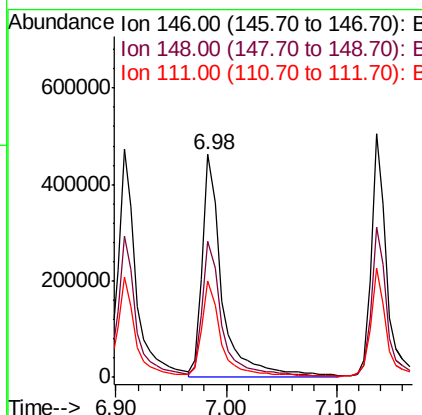
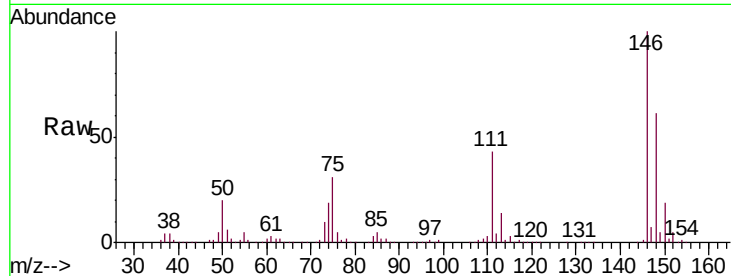




#13
 1,4-Dichlorobenzene
 Concen: 39.541 ng
 RT: 6.98 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF107693.D
 Acq: 26 Jul 2018 8:36

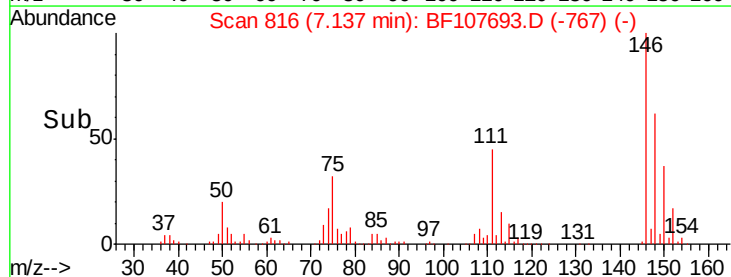
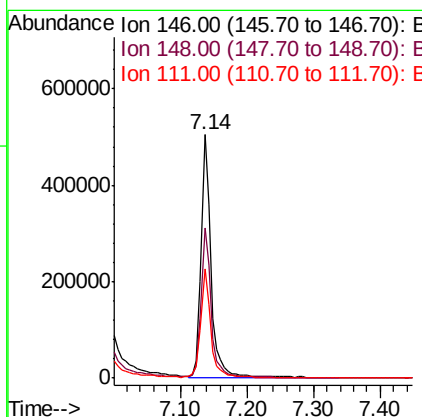
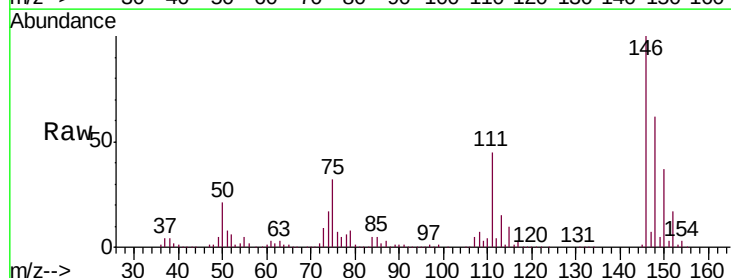
Instrument :
 BNA_F
 ClientSampleId :
 PB111438BSD

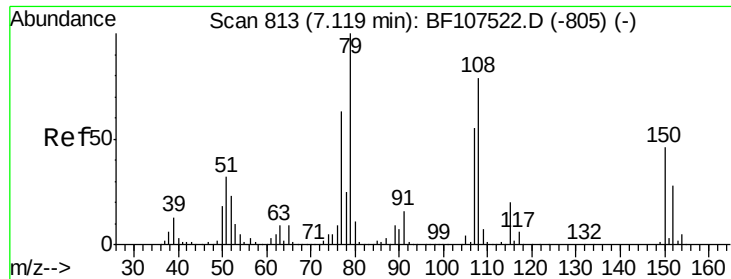
Tgt Ion:146 Resp: 562608
 Ion Ratio Lower Upper
 146 100
 148 61.2 50.8 76.2
 111 43.0 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 39.534 ng
 RT: 7.14 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF107693.D
 Acq: 26 Jul 2018 8:36

Tgt Ion:146 Resp: 504810
 Ion Ratio Lower Upper
 146 100
 148 61.7 50.6 75.8
 111 45.0 36.0 54.0

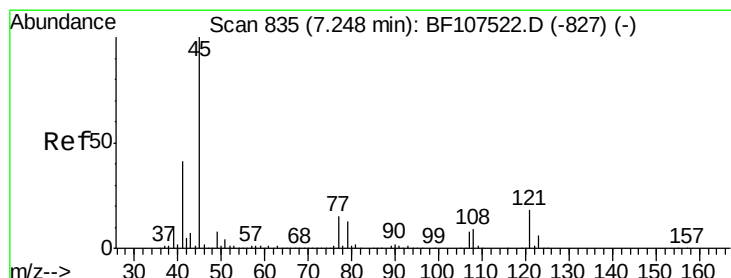
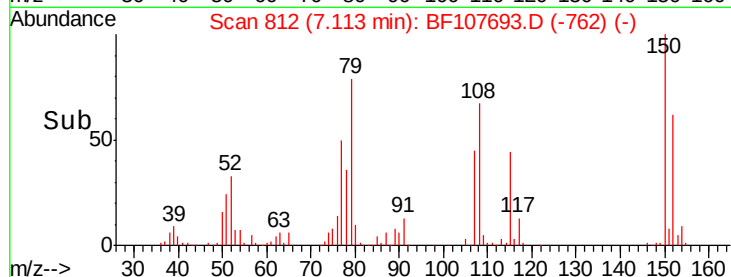
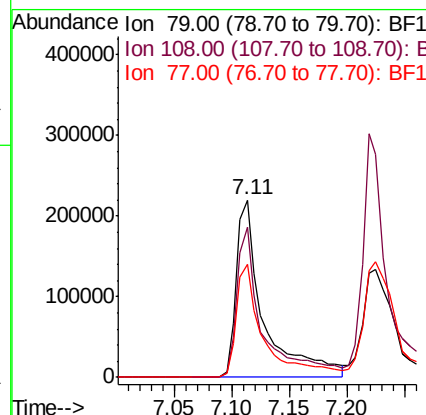
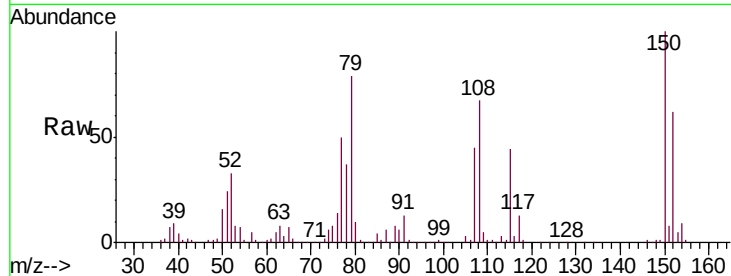




#15
Benzyl Alcohol
Concen: 38.763 ng
RT: 7.11 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF107693.D
Acq: 26 Jul 2018 8:36

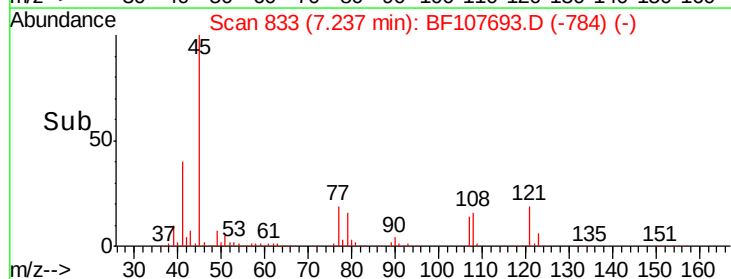
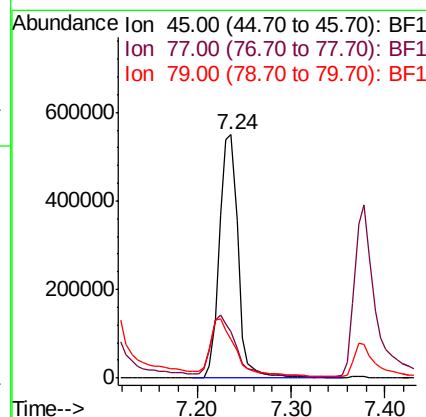
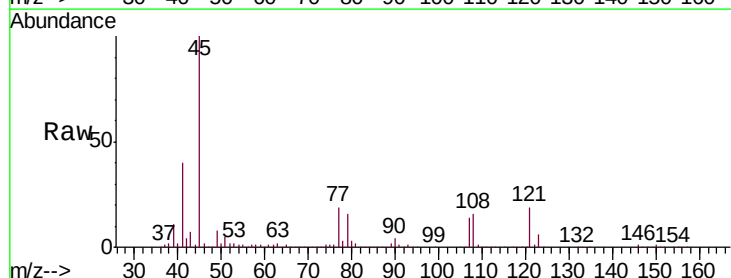
Instrument :
BNA_F
ClientSampleId :
PB111438BSD

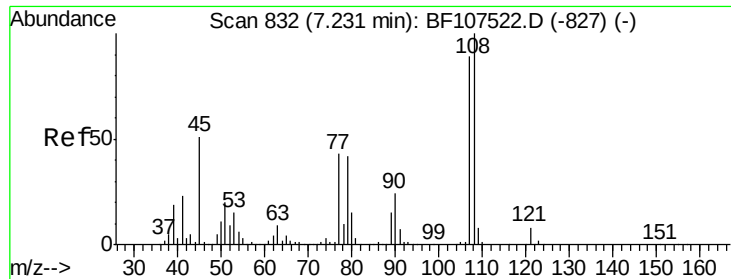
Tgt Ion: 79 Resp: 362538
Ion Ratio Lower Upper
79 100
108 84.5 65.1 97.7
77 63.6 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.303 ng
RT: 7.24 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF107693.D
Acq: 26 Jul 2018 8:36

Tgt Ion: 45 Resp: 774335
Ion Ratio Lower Upper
45 100
77 18.9 0.0 32.9
79 16.2 0.0 29.6

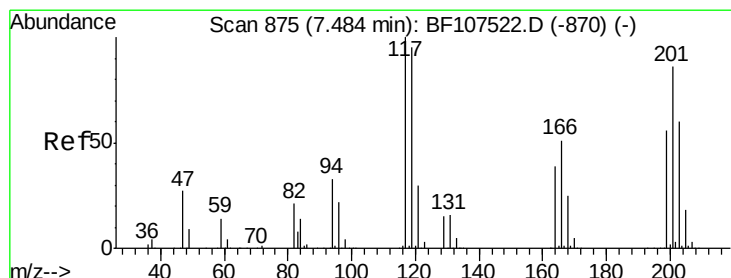
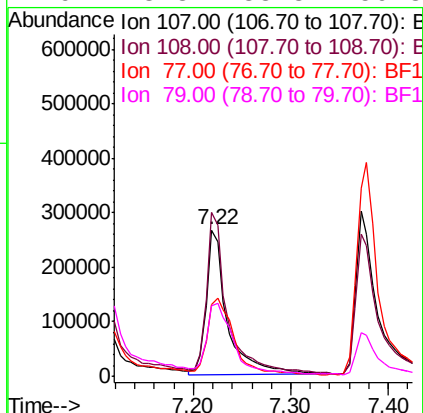
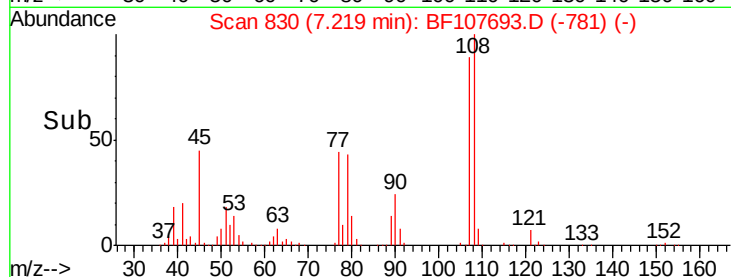
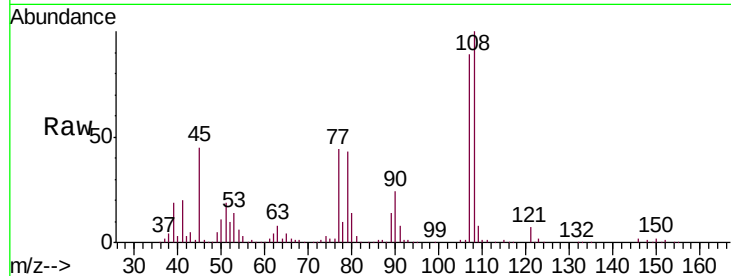




#17
2-Methylphenol
Concen: 38.886 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107693.D
Acq: 26 Jul 2018 8:36

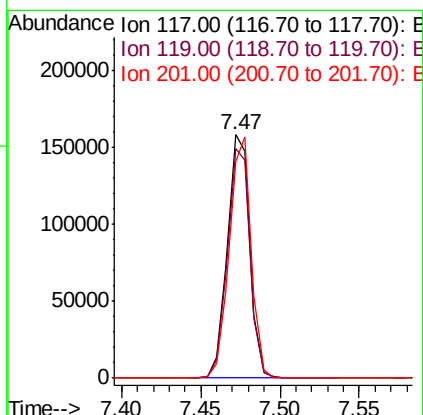
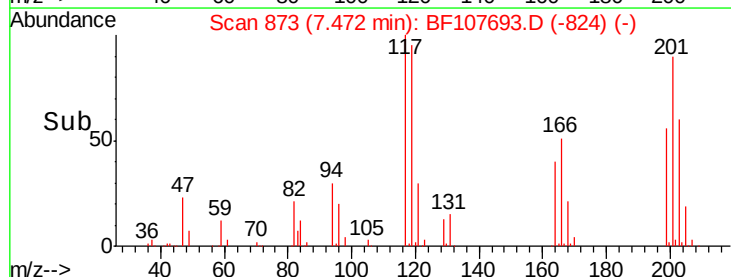
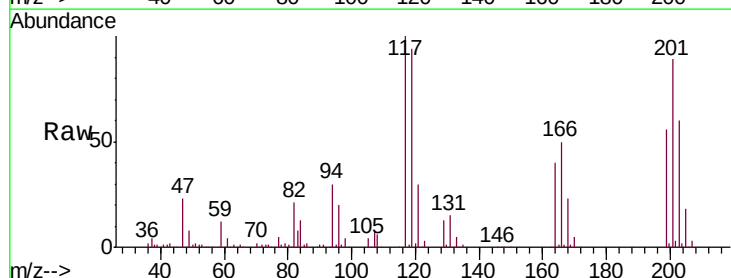
Instrument :
BNA_F
ClientSampleId :
PB111438BSD

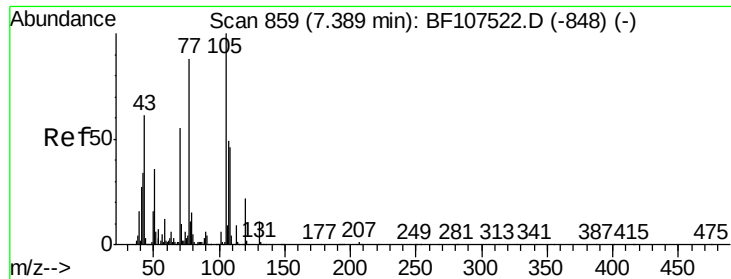
Tgt Ion:	107	Resp:	404681
Ion	Ratio	Lower	Upper
107	100		
108	112.7	91.7	137.5
77	49.2	33.8	50.8
79	48.3	33.8	50.8



#18
Hexachloroethane
Concen: 31.061 ng
RT: 7.47 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF107693.D
Acq: 26 Jul 2018 8:36

Tgt Ion:	117	Resp:	155015
Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.8	113.8
201	88.8	75.7	113.5

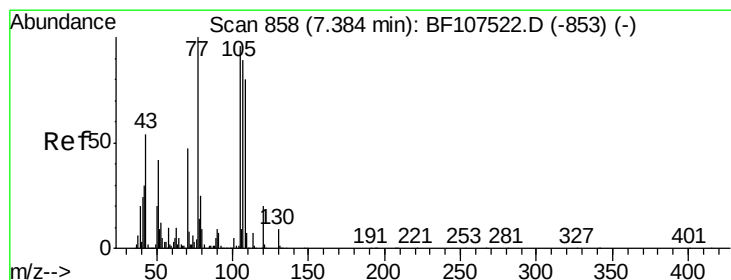
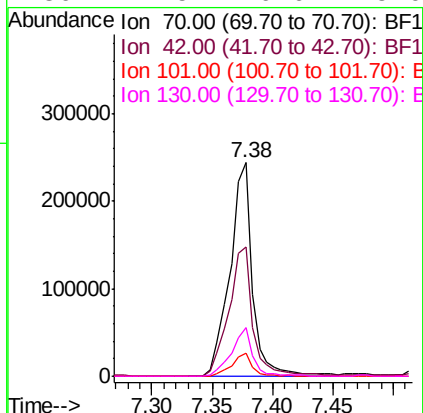
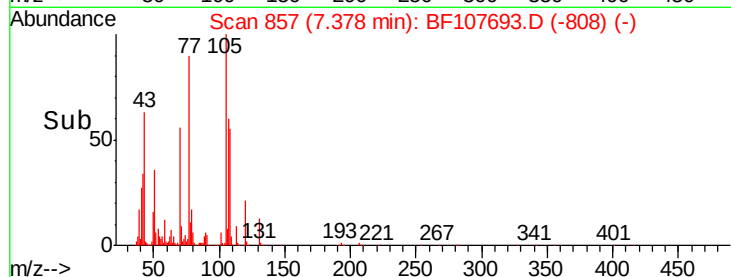
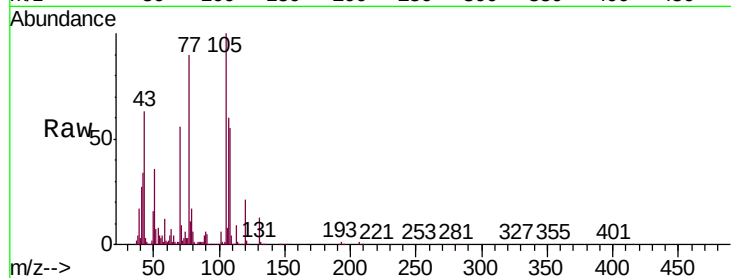




#19
n-Nitroso-di-n-propylamine
Concen: 36.255 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107693.D
Acq: 26 Jul 2018 8:36

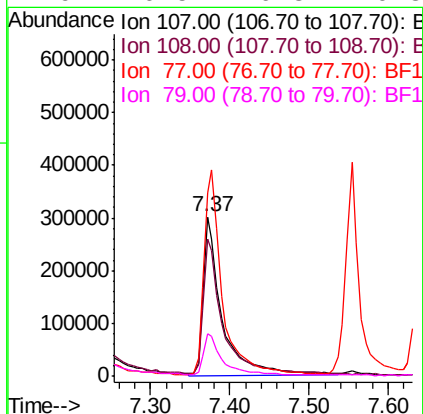
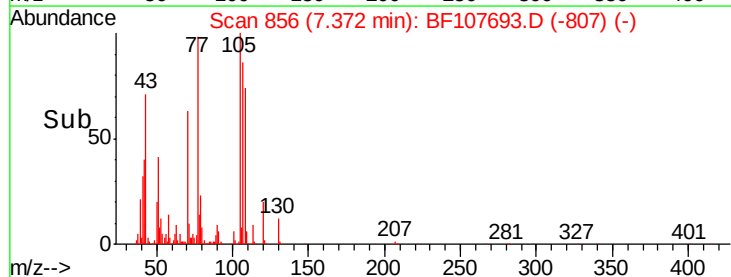
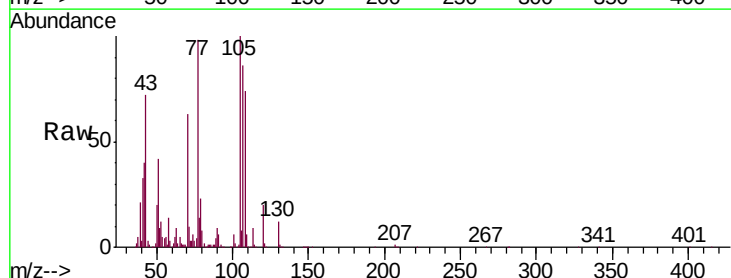
Instrument :
BNA_F
ClientSampleId :
PB111438BSD

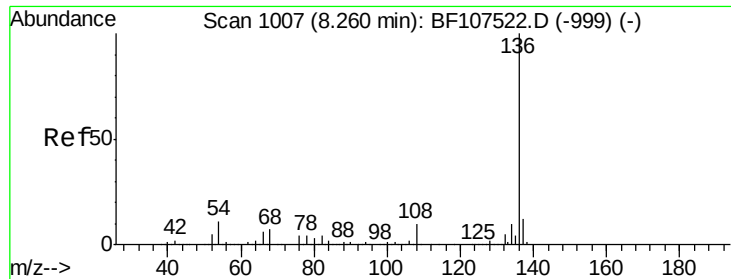
Tgt Ion:	70	Resp:	321405
Ion	Ratio	Lower	Upper
70	100		
42	60.5	47.5	71.3
101	10.6	7.4	11.2
130	22.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 41.095 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF107693.D
Acq: 26 Jul 2018 8:36

Tgt Ion:	107	Resp:	507827
Ion	Ratio	Lower	Upper
107	100		
108	86.1	68.2	108.2
77	114.6	26.7	66.7#
79	26.5	6.3	46.3

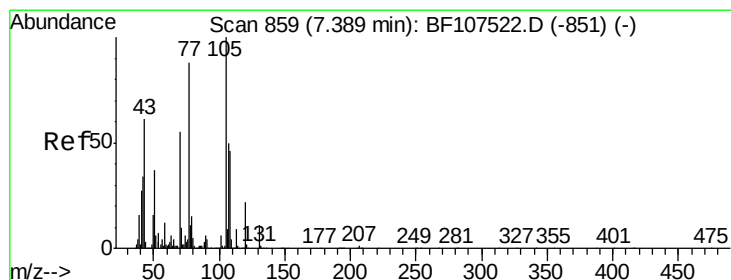
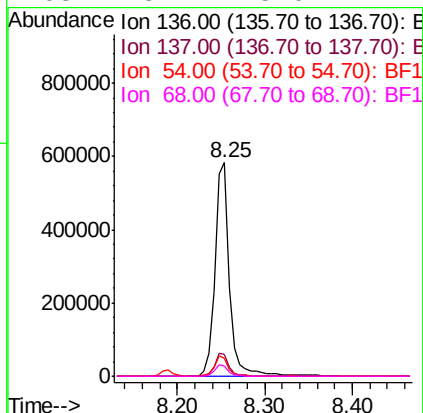
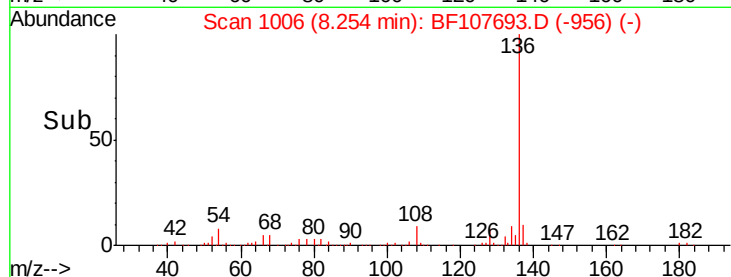
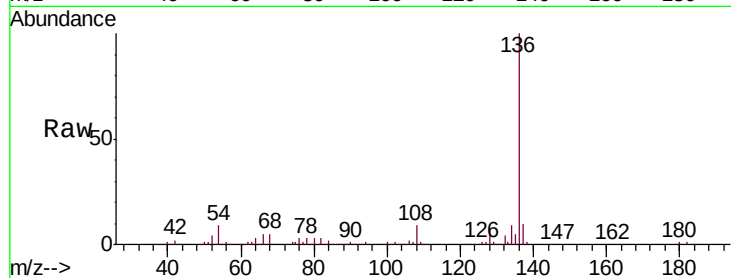




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF107693.D
Acq: 26 Jul 2018 8:36

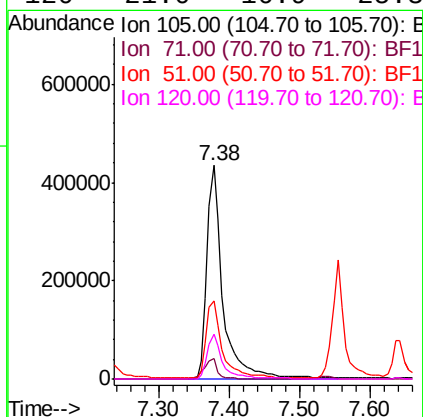
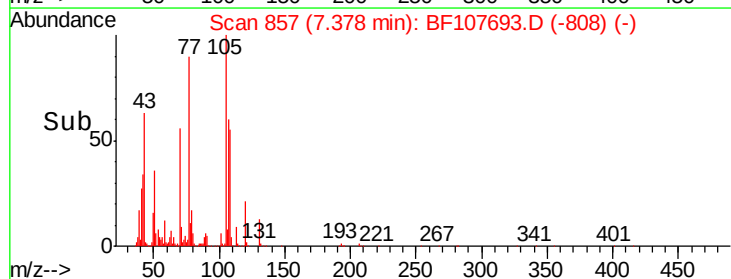
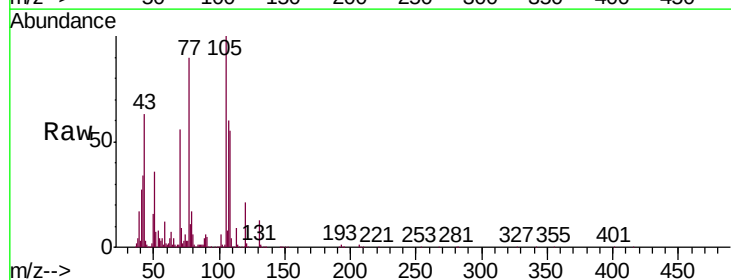
Instrument :
BNA_F
ClientSampleId :
PB111438BSD

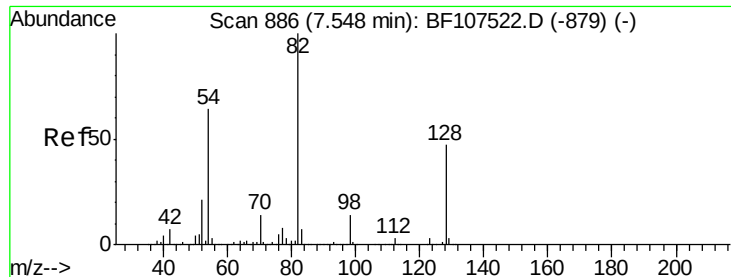
Tgt Ion:	136	Resp:	674084
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	8.6	6.6	9.8
68	5.1	5.0	7.4



#22
Acetophenone
Concen: 43.609 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107693.D
Acq: 26 Jul 2018 8:36

Tgt Ion:	105	Resp:	690367
Ion	Ratio	Lower	Upper
105	100		
71	9.4	4.4	6.6#
51	36.5	22.3	33.5#
120	21.0	16.9	25.3





#23

Nitrobenzene-d5

Concen: 100.063 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF107693.D

Acq: 26 Jul 2018 8:36

Instrument :

BNA_F

ClientSampleId :

PB111438BSD

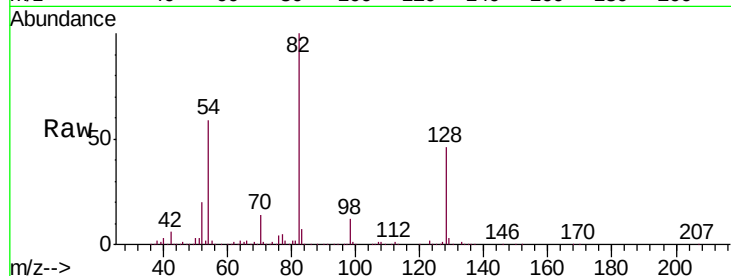
Tgt Ion: 82 Resp: 999454

Ion Ratio Lower Upper

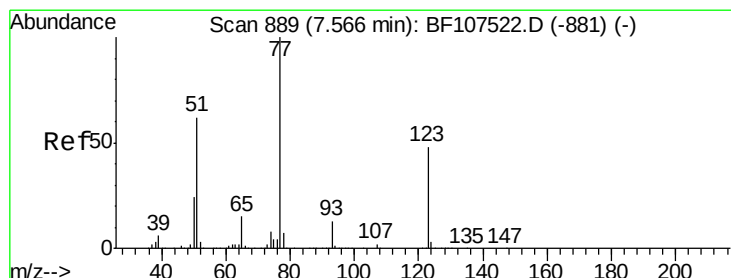
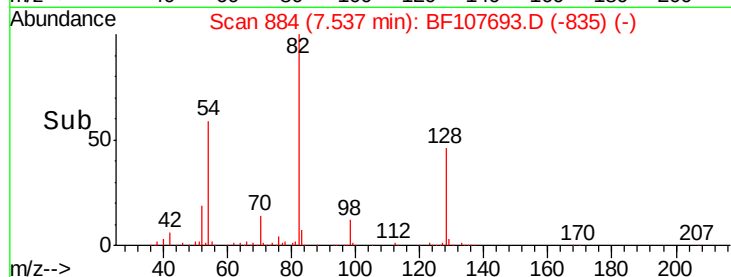
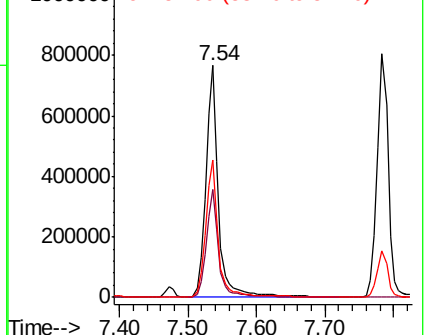
82 100

128 46.4 36.1 54.1

54 59.5 41.4 62.2



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



#24

Nitrobenzene

Concen: 41.554 ng

RT: 7.55 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF107693.D

Acq: 26 Jul 2018 8:36

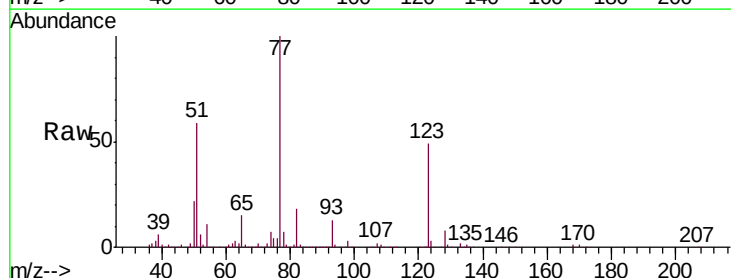
Tgt Ion: 77 Resp: 475390

Ion Ratio Lower Upper

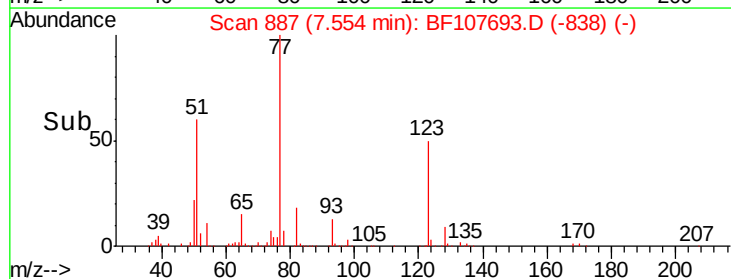
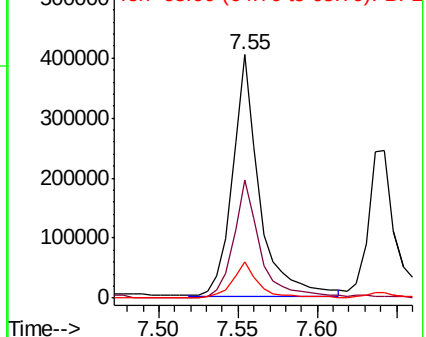
77 100

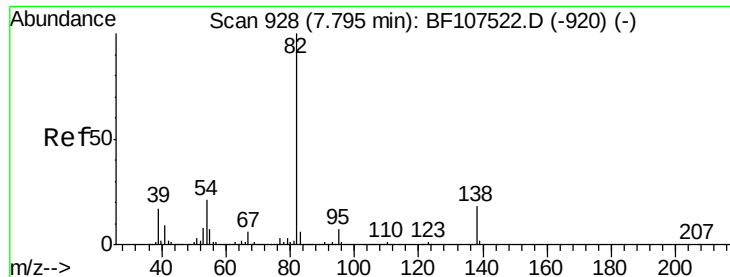
123 48.6 37.9 56.9

65 14.8 11.0 16.4



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





#25

Isophorone

Concen: 41.707 ng

RT: 7.78 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF107693.D

Acq: 26 Jul 2018 8:36

Instrument :

BNA_F

ClientSampleId :

PB111438BSD

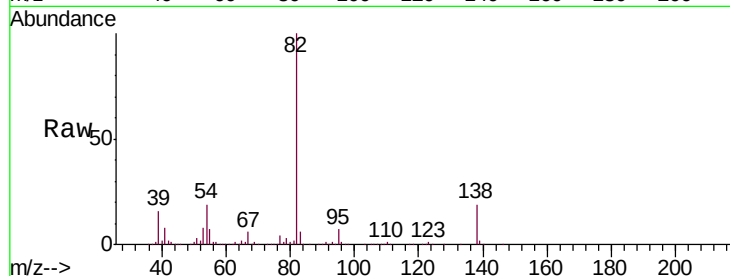
Tgt Ion: 82 Resp: 889473

Ion Ratio Lower Upper

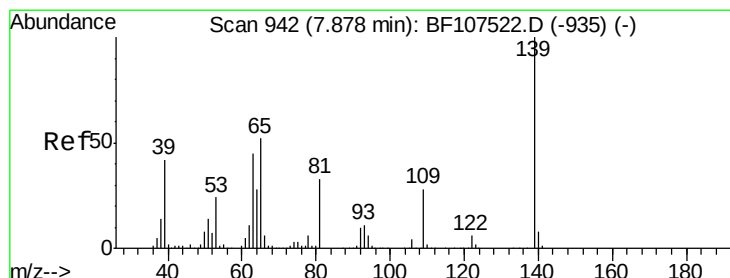
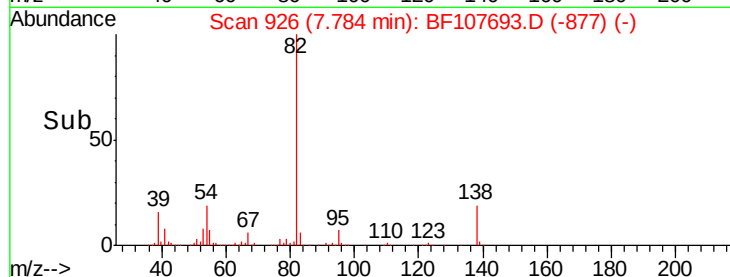
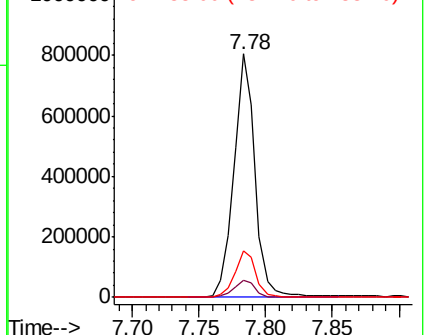
82 100

95 6.8 5.2 7.8

138 18.9 14.9 22.3



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



#26

2-Nitrophenol

Concen: 47.203 ng

RT: 7.87 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF107693.D

Acq: 26 Jul 2018 8:36

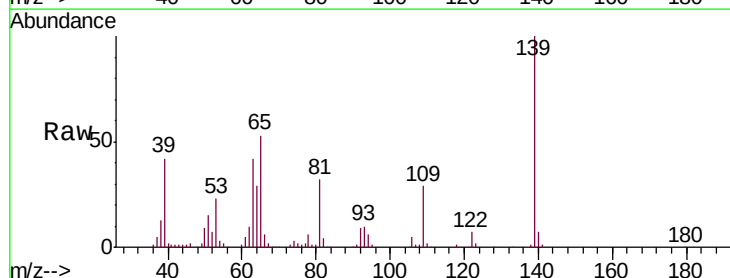
Tgt Ion: 139 Resp: 228042

Ion Ratio Lower Upper

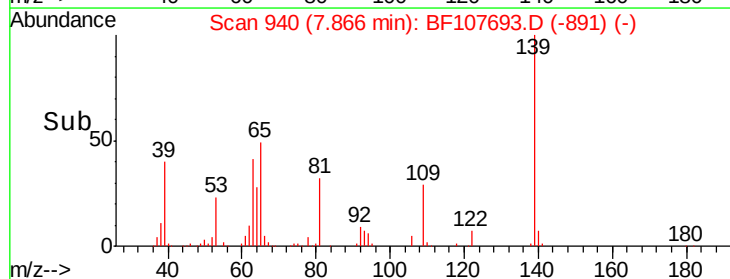
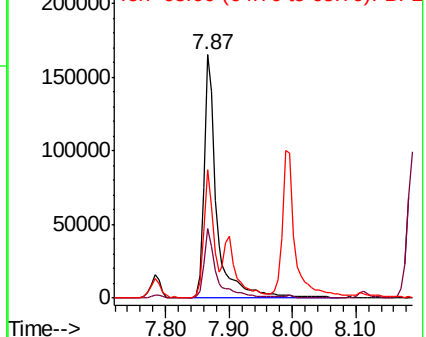
139 100

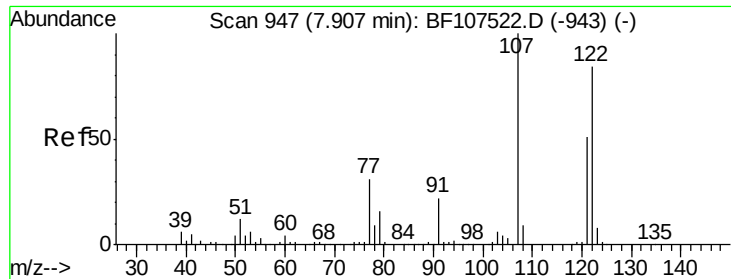
109 28.5 22.7 34.1

65 52.7 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 46.007 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF107693.D

Acq: 26 Jul 2018 8:36

Instrument :

BNA_F

ClientSampleId :

PB111438BSD

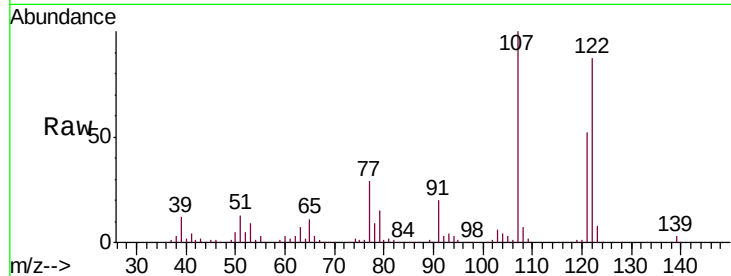
Tgt Ion:122 Resp: 420726

Ion Ratio Lower Upper

122 100

107 115.2 91.2 136.8

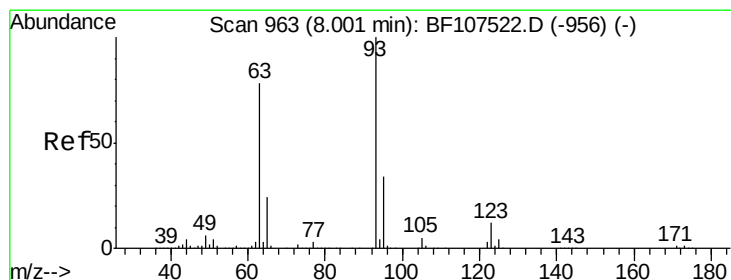
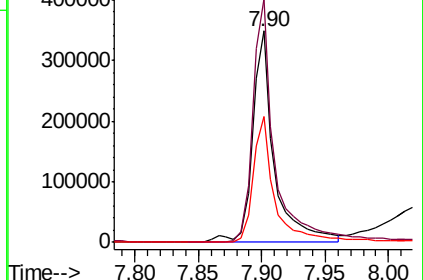
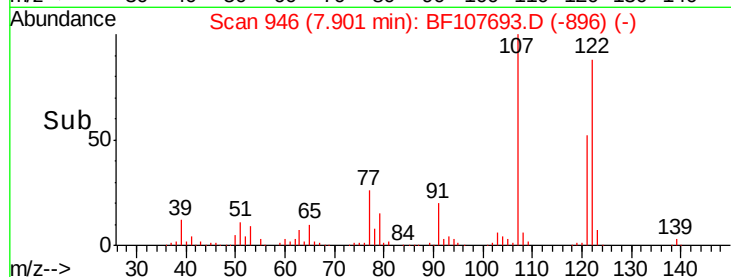
121 59.5 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.162 ng

RT: 8.00 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF107693.D

Acq: 26 Jul 2018 8:36

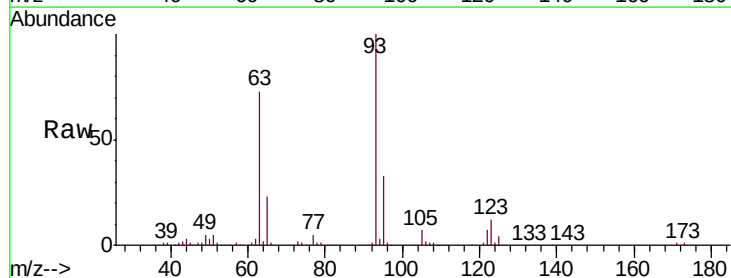
Tgt Ion: 93 Resp: 572399

Ion Ratio Lower Upper

93 100

95 33.1 26.3 39.5

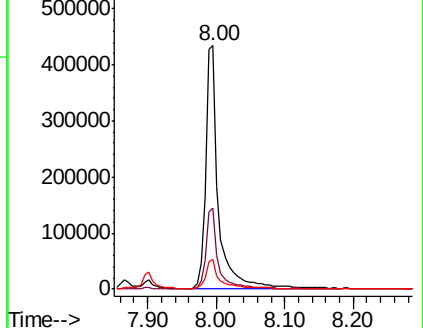
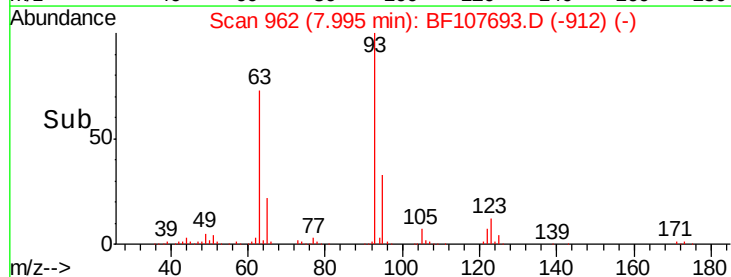
123 12.4 9.8 14.6

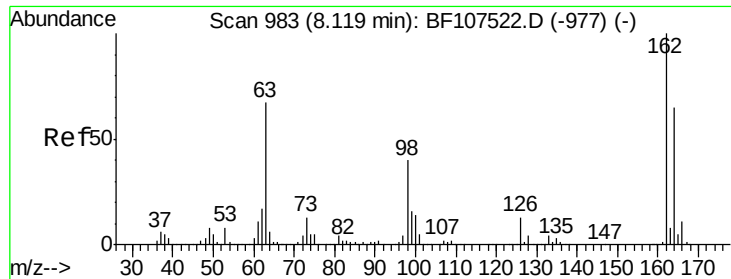


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

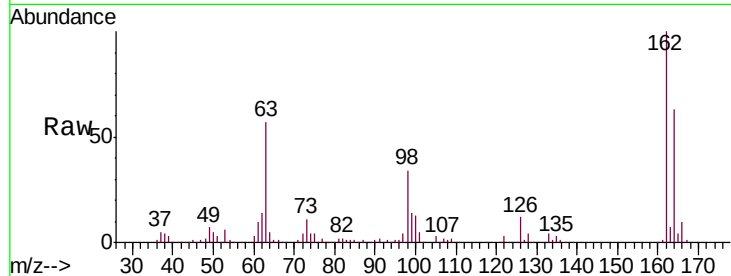




#29
2,4-Dichlorophenol
Concen: 42.206 ng
RT: 8.11 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF107693.D
Acq: 26 Jul 2018 8:36

Instrument :
BNA_F
ClientSampleId :
PB111438BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.9	42.7	82.7
98	34.5	18.1	58.1

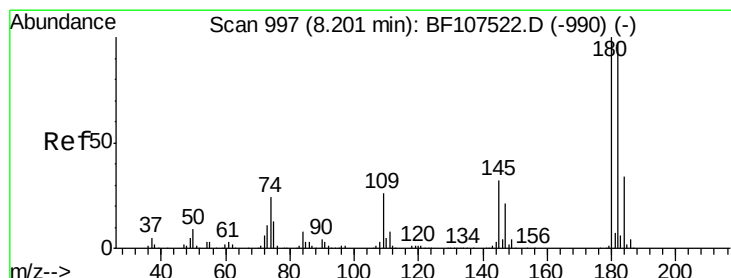
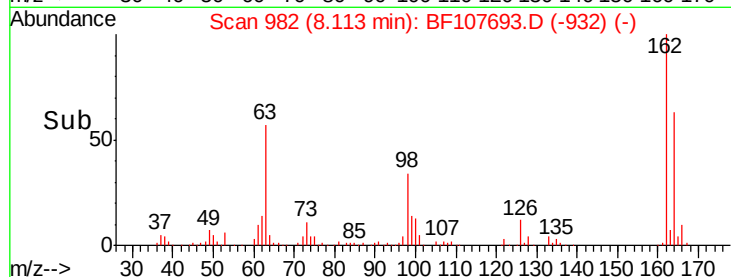
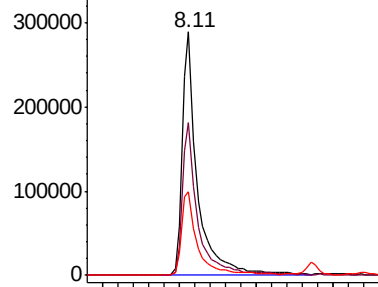


Abundance

Ion 162.00 (161.70 to 162.70): E

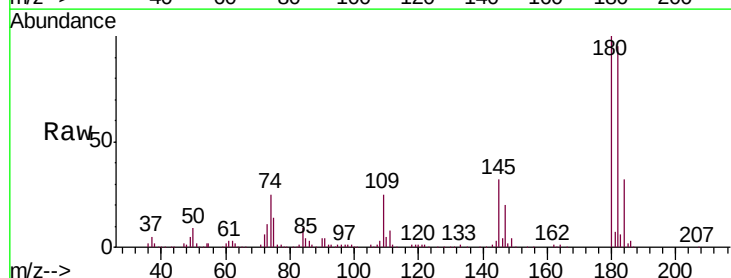
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.575 ng
RT: 8.19 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF107693.D
Acq: 26 Jul 2018 8:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.8	115.2
145	32.2	26.5	39.7

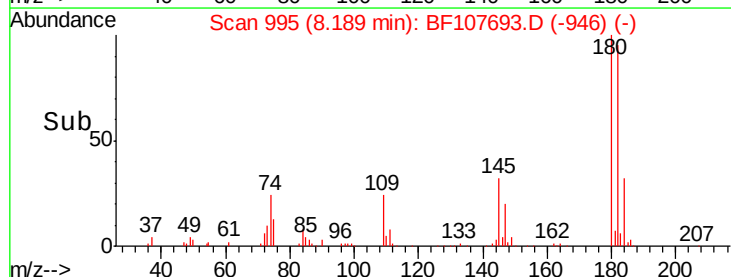
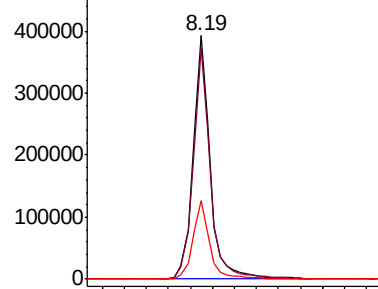


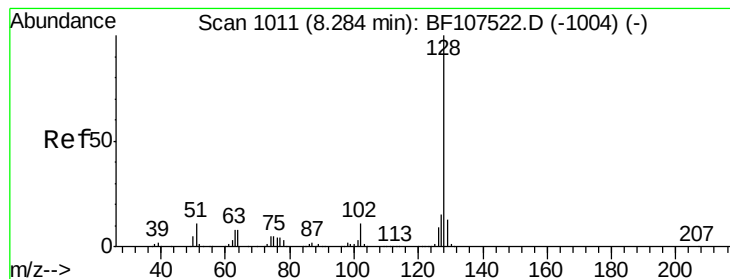
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 45.853 ng

RT: 8.27 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF107693.D

Acq: 26 Jul 2018 8:36

Instrument :

BNA_F

ClientSampleId :

PB111438BSD

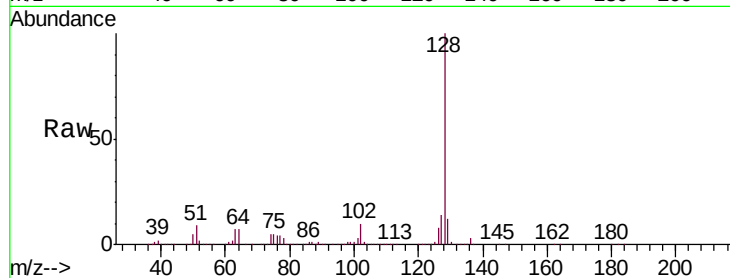
Tgt Ion:128 Resp: 1359176

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

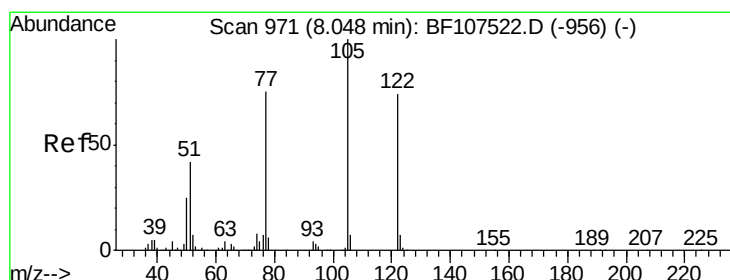
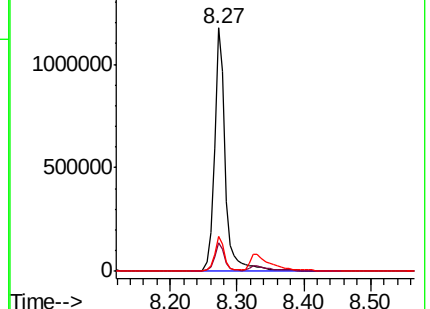
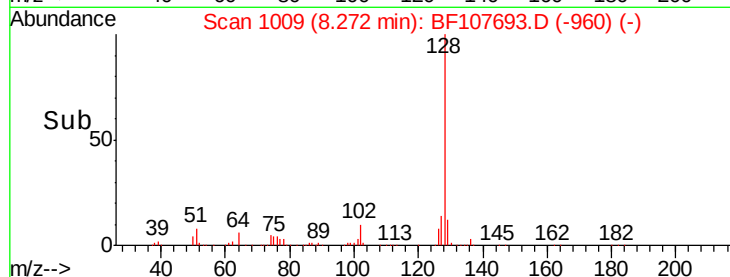
127 14.1 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.393 ng

RT: 8.02 min Scan# 966

Delta R.T. -0.03 min

Lab File: BF107693.D

Acq: 26 Jul 2018 8:36

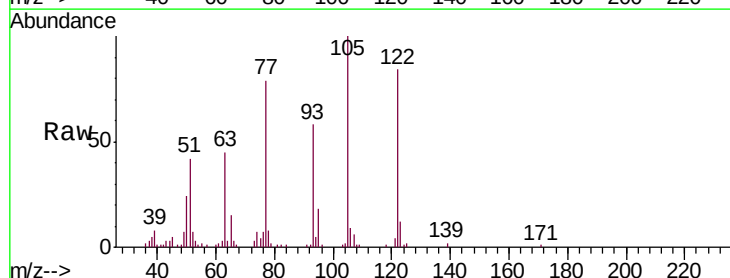
Tgt Ion:122 Resp: 194815

Ion Ratio Lower Upper

122 100

105 119.0 101.1 141.1

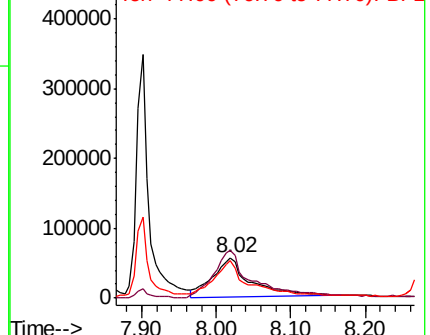
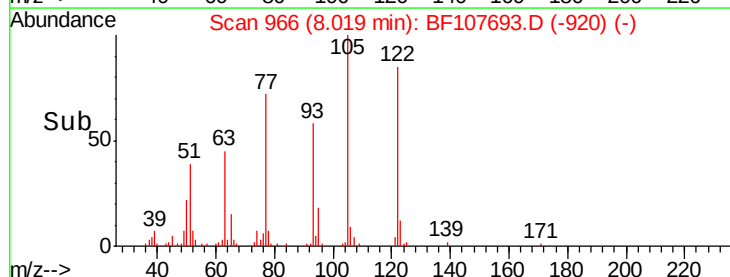
77 93.5 70.7 110.7

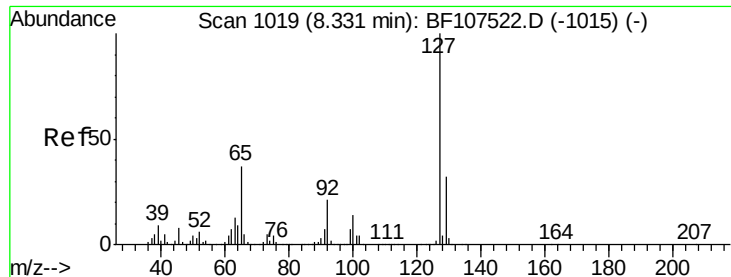


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

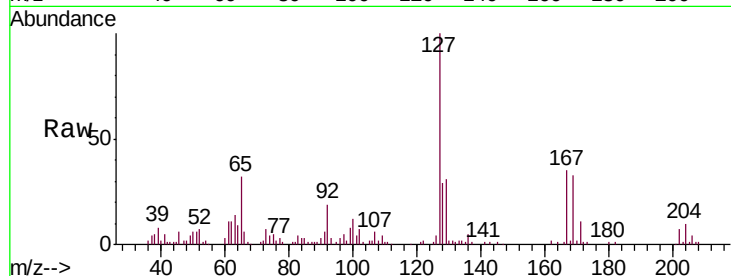




#33
4-Chloroaniline
Concen: 13.998 ng
RT: 8.33 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF107693.D
Acq: 26 Jul 2018 8:36

Instrument :
BNA_F
ClientSampleId :
PB111438BSD

Tgt Ion:	127	Resp:	181361
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.9	38.9
65	31.8	25.0	37.4
92	18.7	15.2	22.8



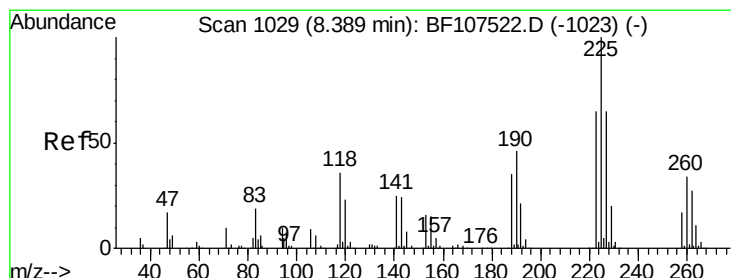
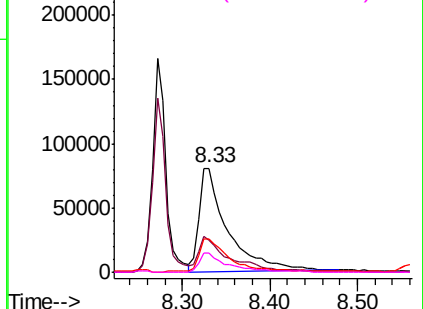
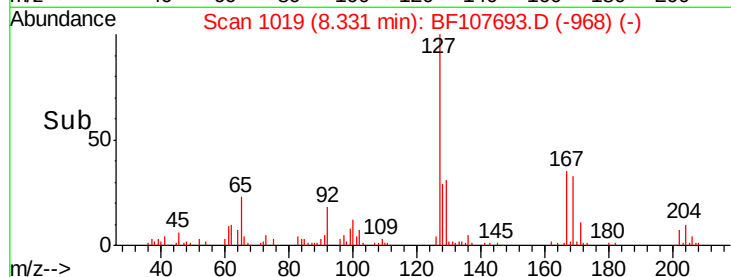
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

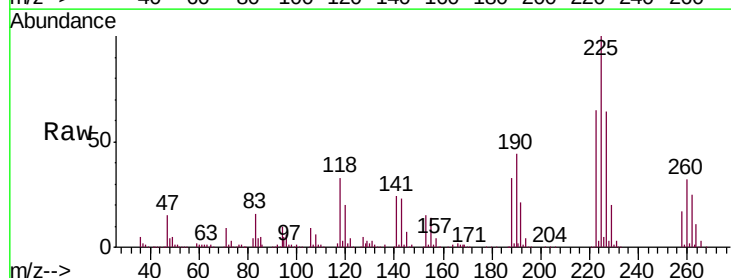
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 41.597 ng
RT: 8.38 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF107693.D
Acq: 26 Jul 2018 8:36

Tgt Ion:	225	Resp:	259482
Ion	Ratio	Lower	Upper
225	100		
223	64.7	50.6	76.0
227	63.9	51.9	77.9

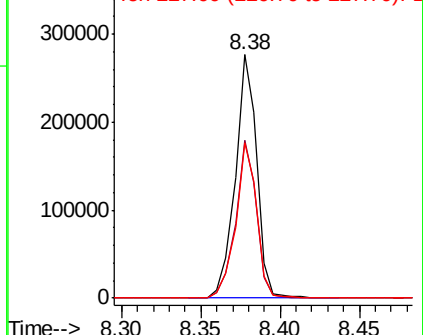
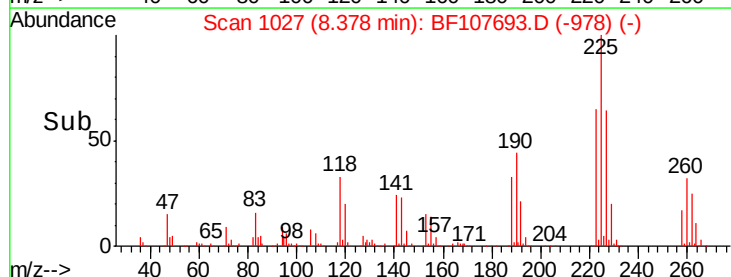


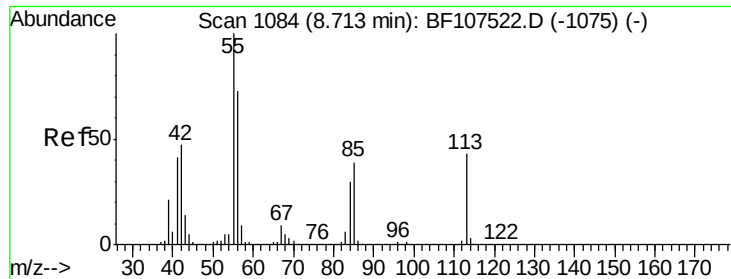
Abundance

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

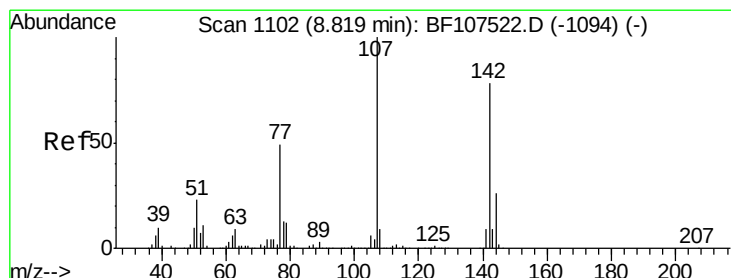
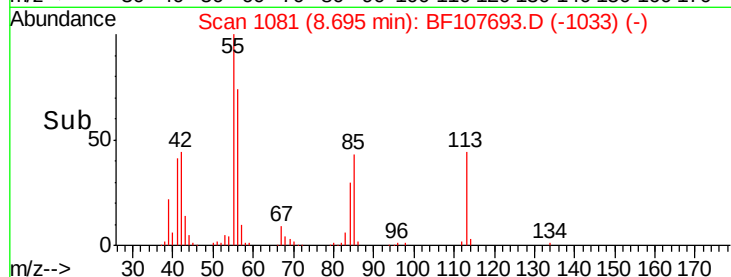
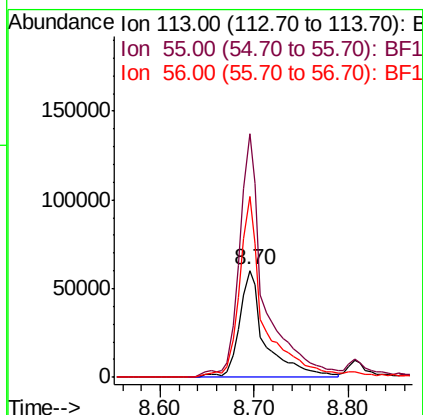
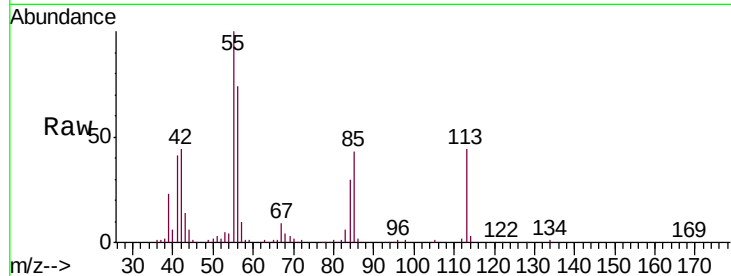




#35
 Caprolactam
 Concen: 38.049 ng
 RT: 8.70 min Scan# 1081
 Delta R.T. -0.02 min
 Lab File: BF107693.D
 Acq: 26 Jul 2018 8:36

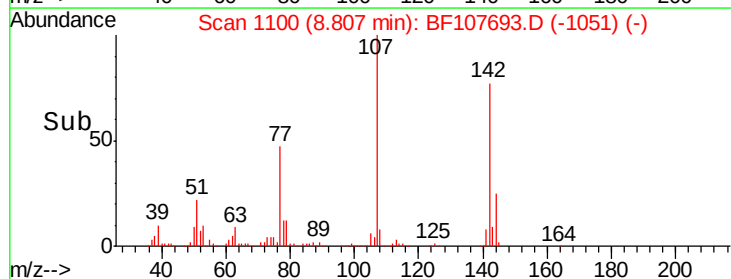
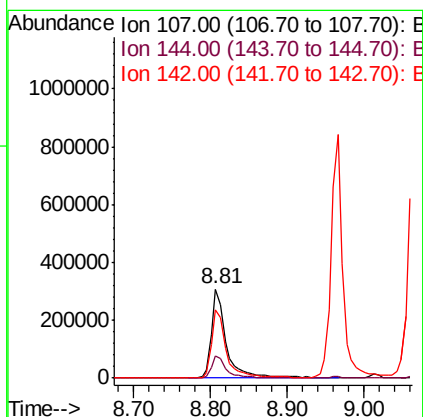
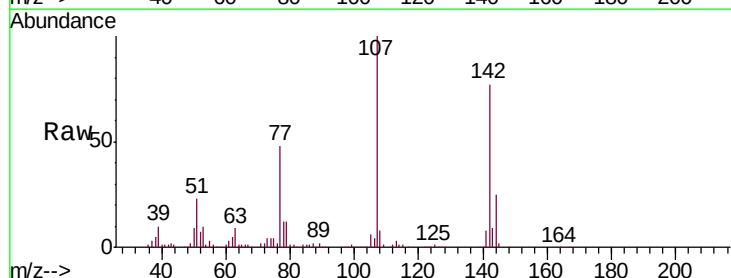
Instrument :
 BNA_F
 ClientSampleId :
 PB111438BSD

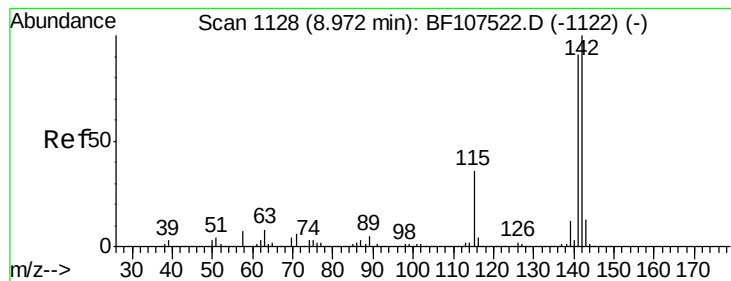
Tgt Ion:113 Resp: 115677
 Ion Ratio Lower Upper
 113 100
 55 227.9 163.3 203.3#
 56 168.7 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 39.690 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. -0.01 min
 Lab File: BF107693.D
 Acq: 26 Jul 2018 8:36

Tgt Ion:107 Resp: 412096
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.5 30.7
 142 77.0 62.0 93.0





#37

2-Methylnaphthalene

Concen: 43.379 ng

RT: 8.97 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF107693.D

Acq: 26 Jul 2018 8:36

Instrument :

BNA_F

ClientSampleId :

PB111438BSD

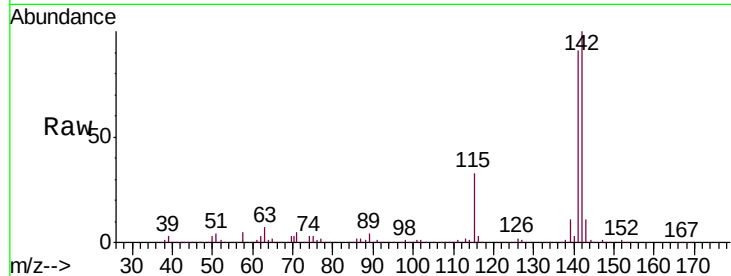
Tgt Ion:142 Resp: 891044

Ion Ratio Lower Upper

142 100

141 91.0 70.8 106.2

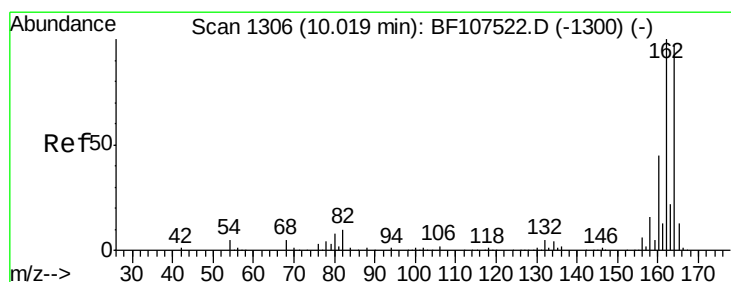
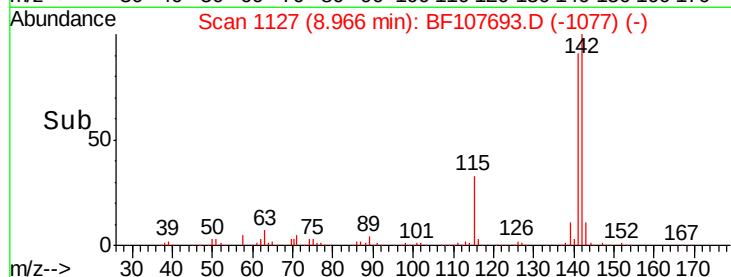
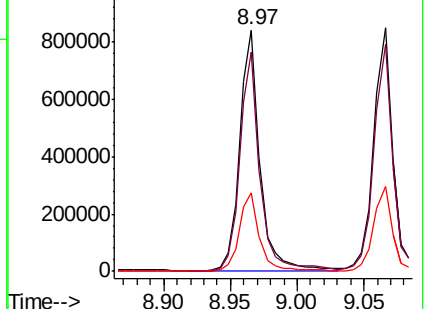
115 32.7 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF107693.D

Acq: 26 Jul 2018 8:36

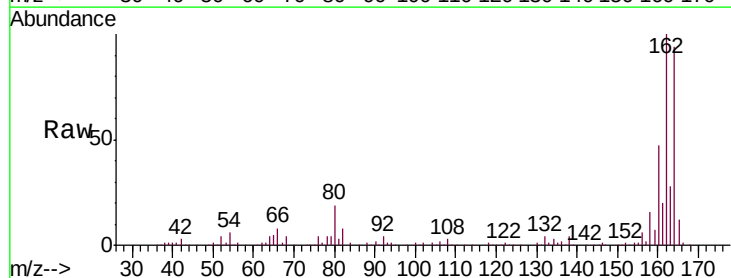
Tgt Ion:164 Resp: 263138

Ion Ratio Lower Upper

164 100

162 106.1 86.1 129.1

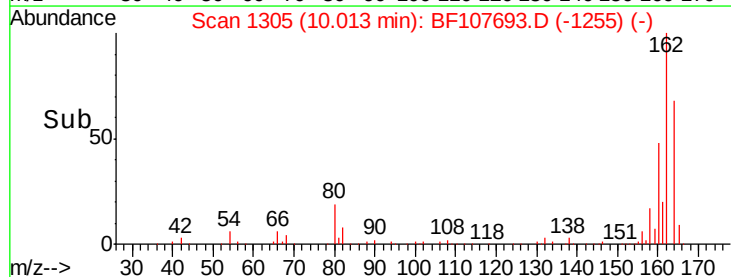
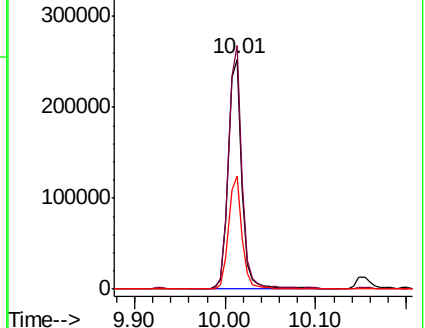
160 49.4 38.3 57.5

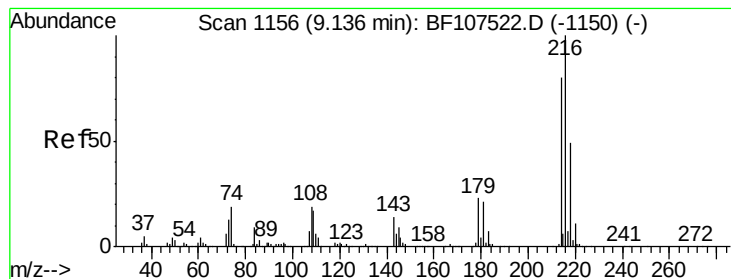


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.494 ng

RT: 9.13 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF107693.D

Acq: 26 Jul 2018 8:36

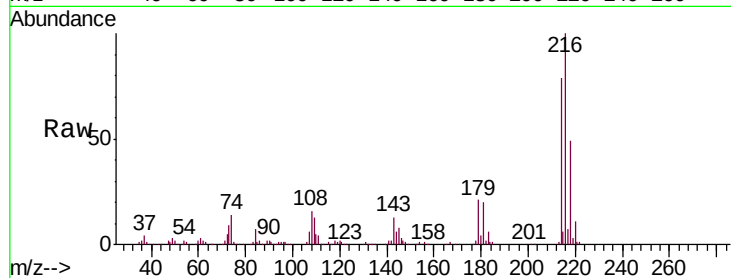
Instrument :

BNA_F

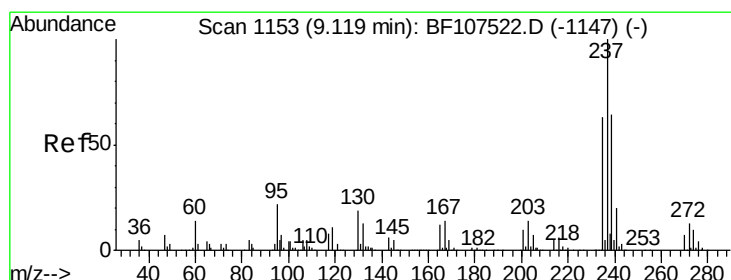
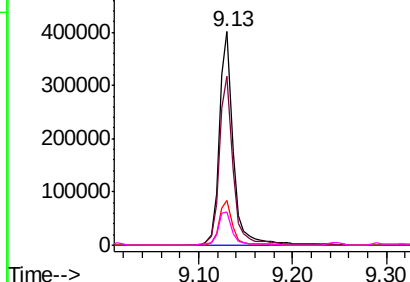
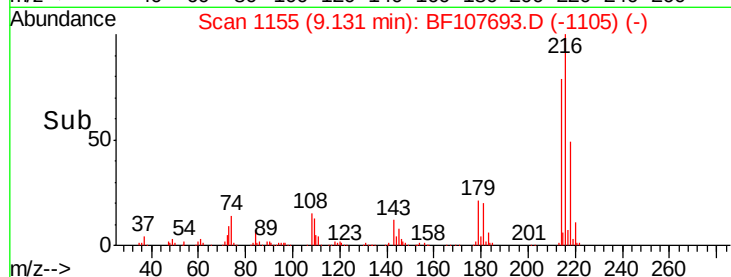
ClientSampleId :

PB111438BSD

Tgt Ion:	216	Resp:	416844
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.0	94.4
179	20.6	18.1	27.1
108	17.1	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: 10.333 ng

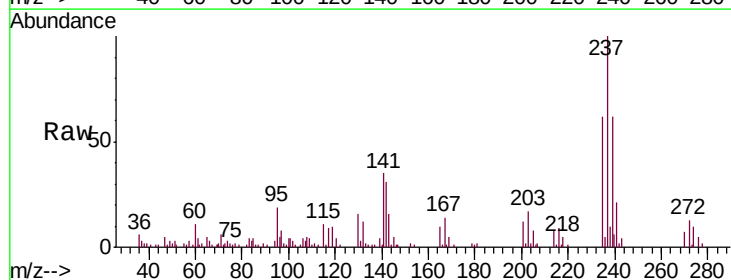
RT: 9.11 min Scan# 1151

Delta R.T. -0.01 min

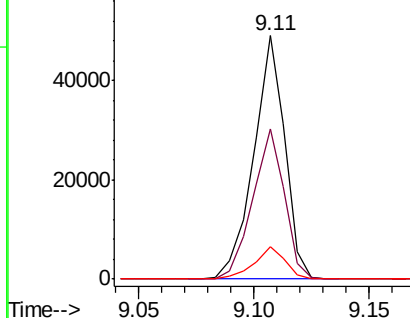
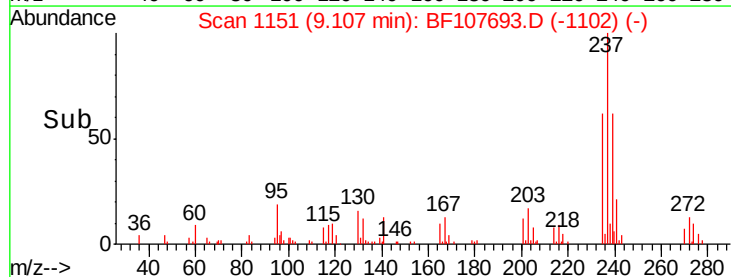
Lab File: BF107693.D

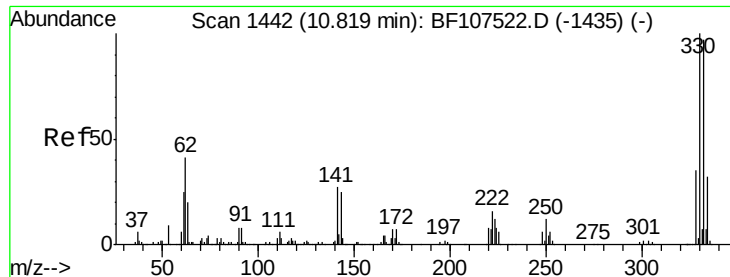
Acq: 26 Jul 2018 8:36

Tgt Ion:	237	Resp:	46102
Ion	Ratio	Lower	Upper
237	100		
235	61.7	44.8	84.8
272	13.5	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

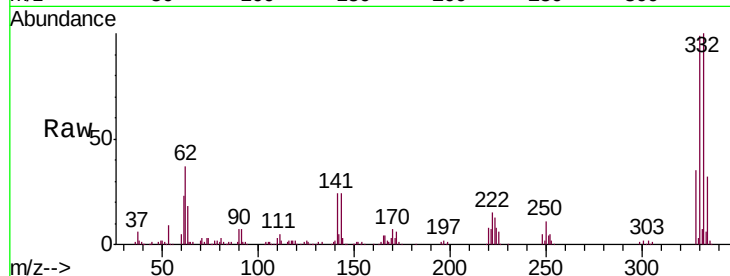




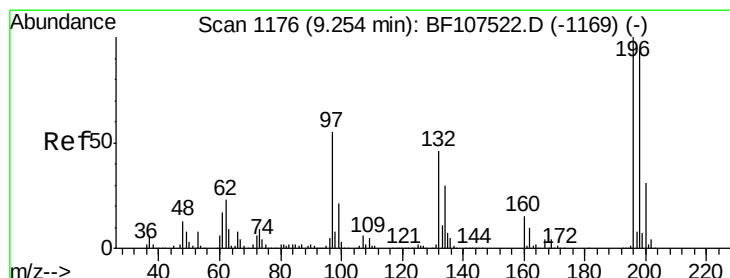
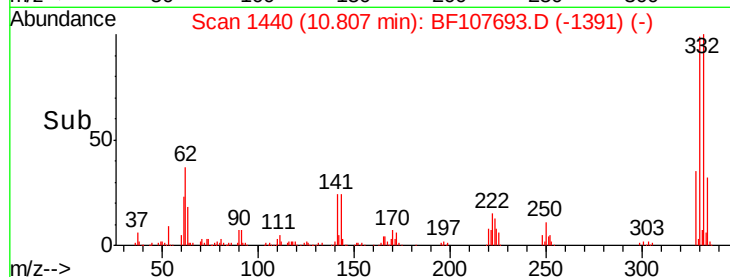
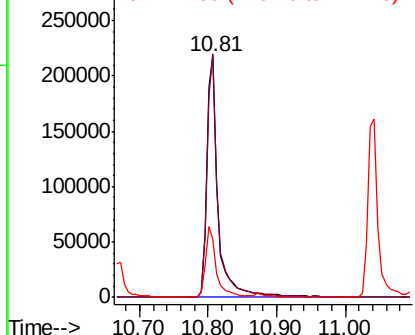
#41
 2,4,6-Tribromophenol
 Concen: 85.826 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF107693.D
 Acq: 26 Jul 2018 8:36

Instrument :
 BNA_F
 ClientSampleId :
 PB111438BSD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	28.4	29.9	44.9

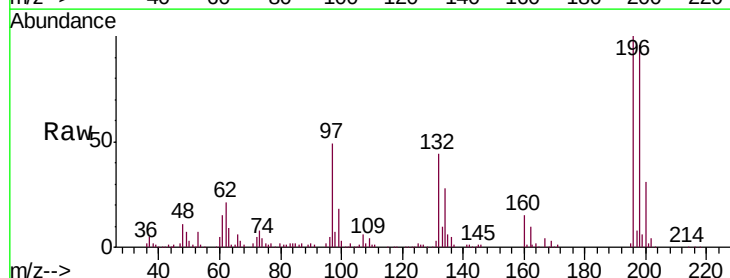


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

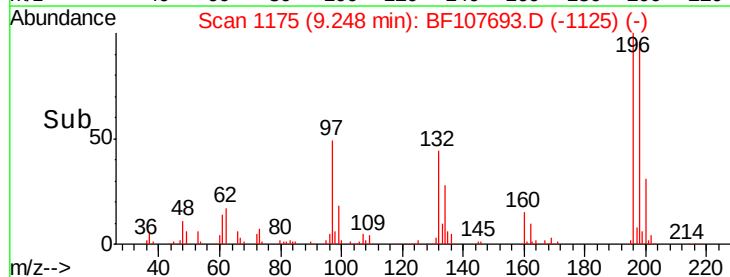
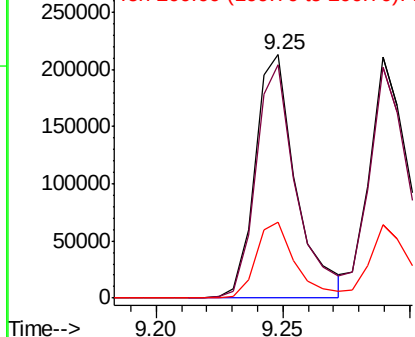


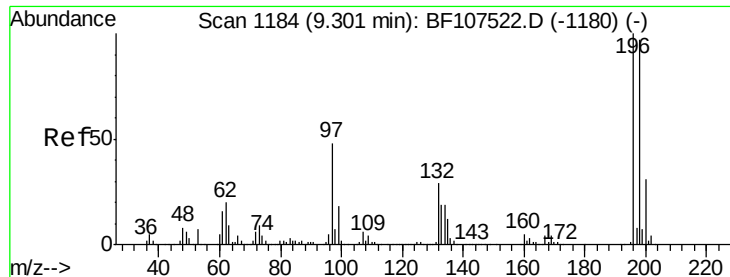
#42
 2,4,6-Trichlorophenol
 Concen: 42.731 ng
 RT: 9.25 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF107693.D
 Acq: 26 Jul 2018 8:36

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.7	113.5
200	31.4	24.5	36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

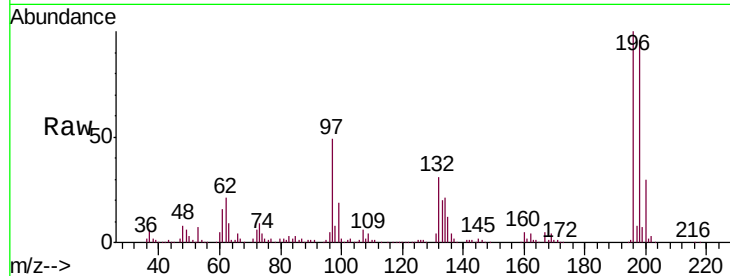




#43
 2,4,5-Trichlorophenol
 Concen: 45.929 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF107693.D
 Acq: 26 Jul 2018 8:36

Instrument :
 BNA_F
 ClientSampleId :
 PB111438BSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	74.6	112.0
97	49.0	42.9	64.3
132	31.4	26.3	39.5



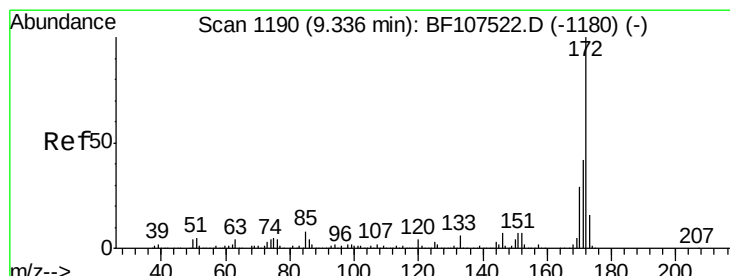
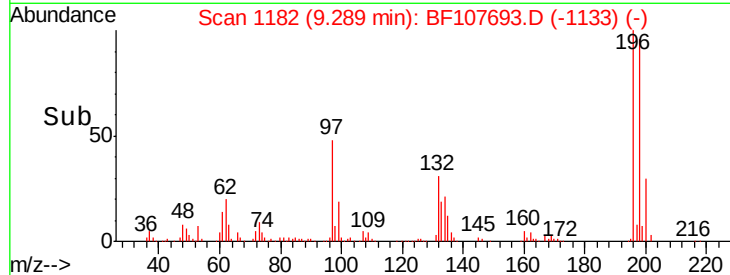
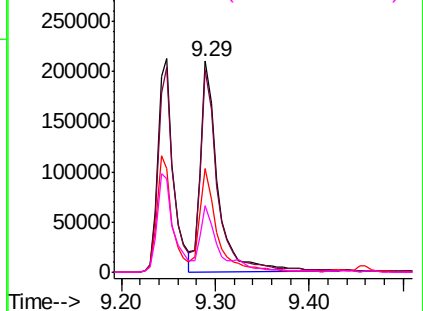
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

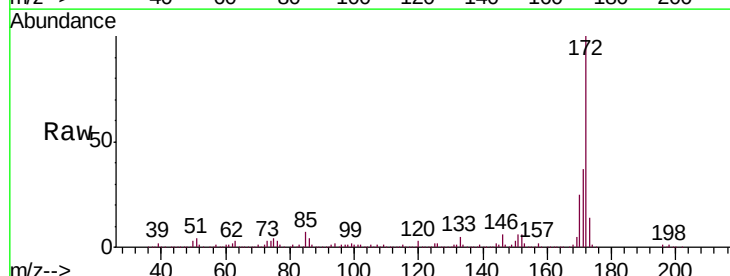
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 133.258 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF107693.D
 Acq: 26 Jul 2018 8:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.7	44.5
170	25.3	19.6	29.4

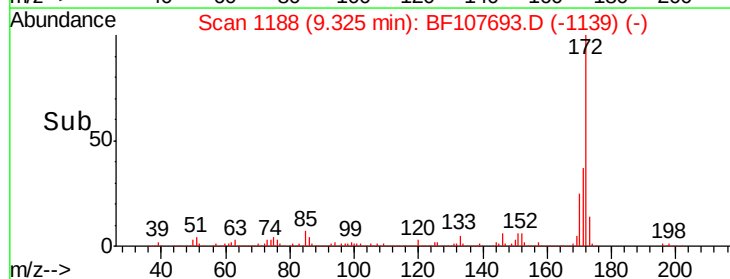
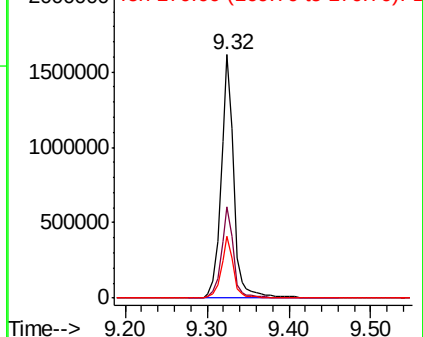


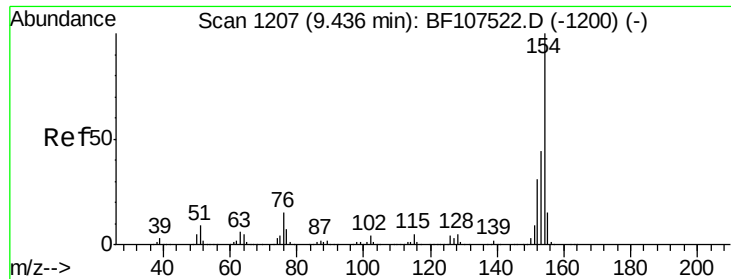
Abundance

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

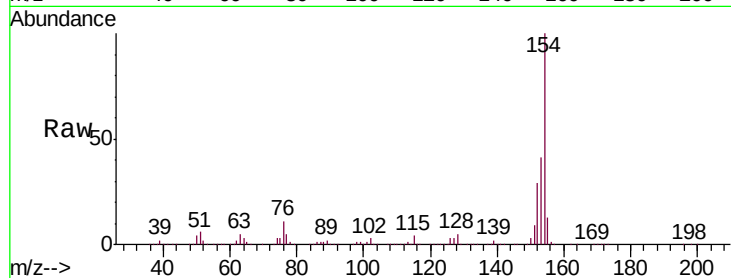




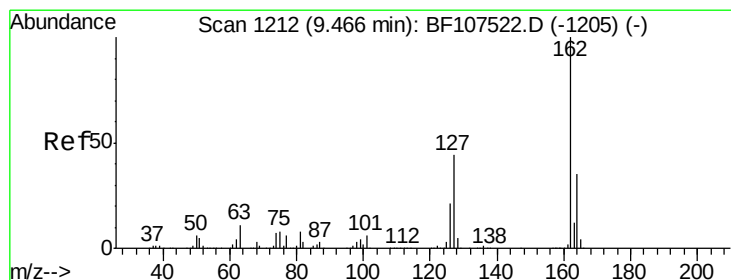
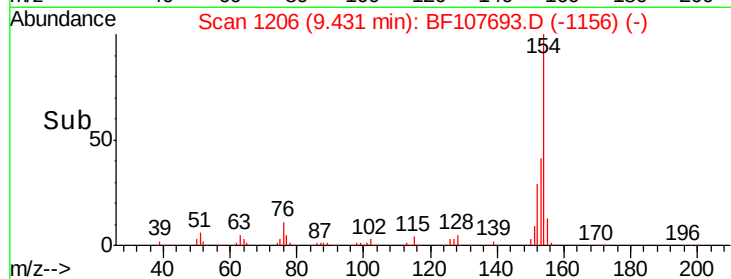
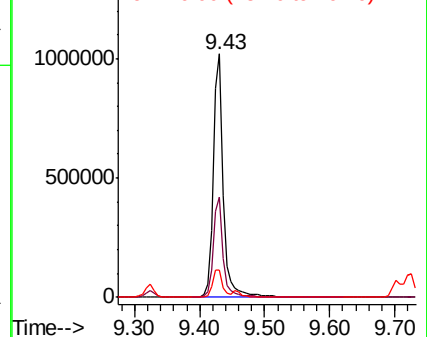
#45
 1,1'-Biphenyl
 Concen: 47.431 ng
 RT: 9.43 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF107693.D
 Acq: 26 Jul 2018 8:36

Instrument :
 BNA_F
 ClientSampleId :
 PB111438BSD

Tgt Ion:154 Resp: 1087225
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.3 61.3
 76 11.1 0.0 34.0

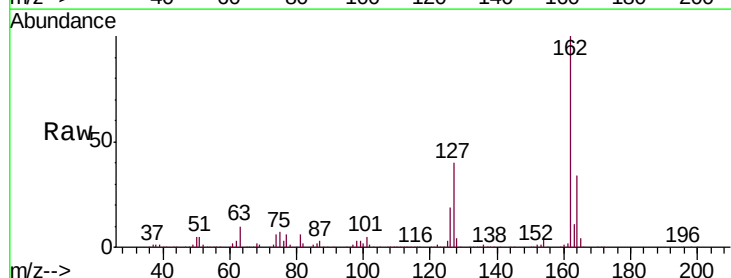


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

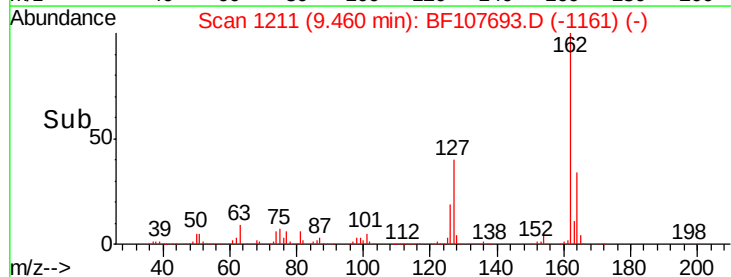
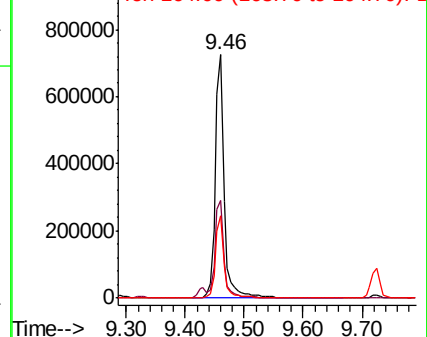


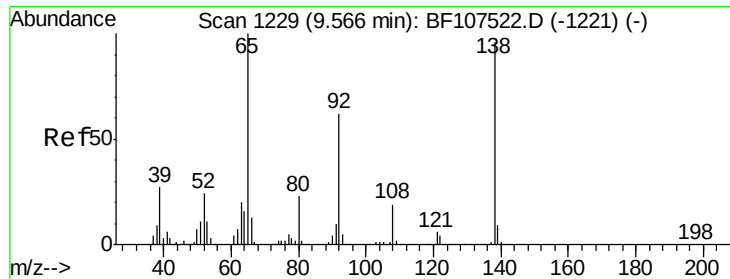
#46
 2-Chloronaphthalene
 Concen: 44.051 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF107693.D
 Acq: 26 Jul 2018 8:36

Tgt Ion:162 Resp: 771830
 Ion Ratio Lower Upper
 162 100
 127 40.4 33.9 50.9
 164 33.6 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

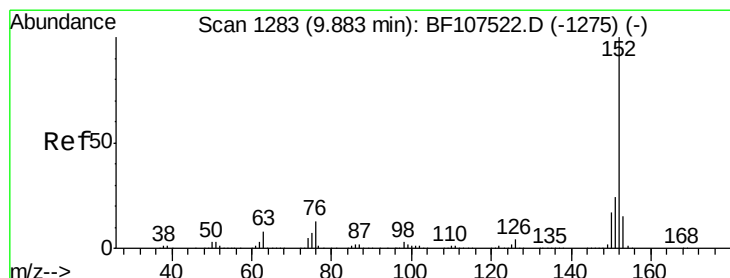
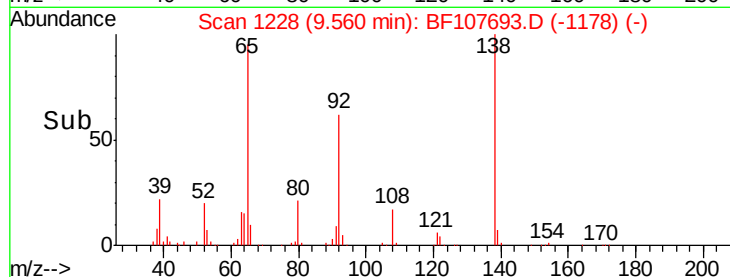
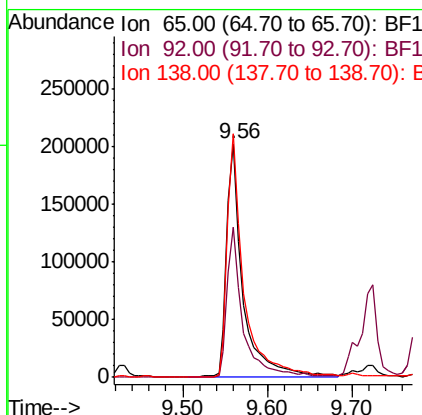
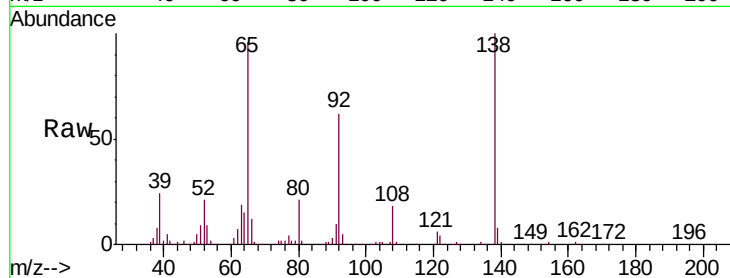




#47
2-Nitroaniline
Concen: 53.298 ng
RT: 9.56 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF107693.D
Acq: 26 Jul 2018 8:36

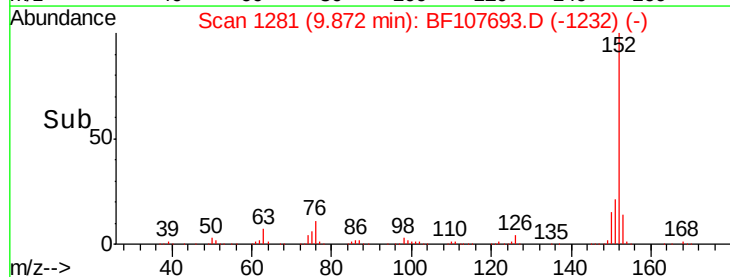
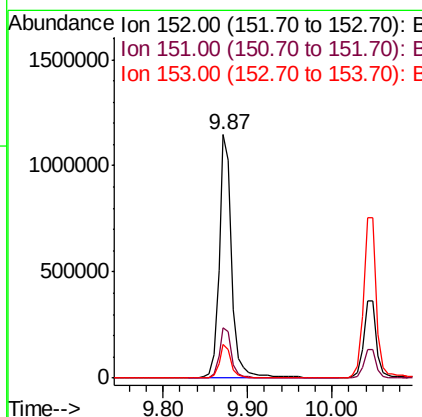
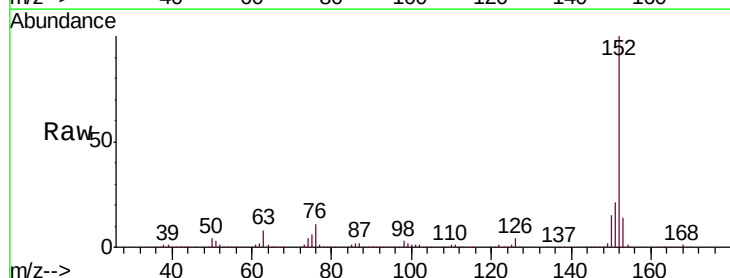
Instrument :
BNA_F
ClientSampleId :
PB111438BSD

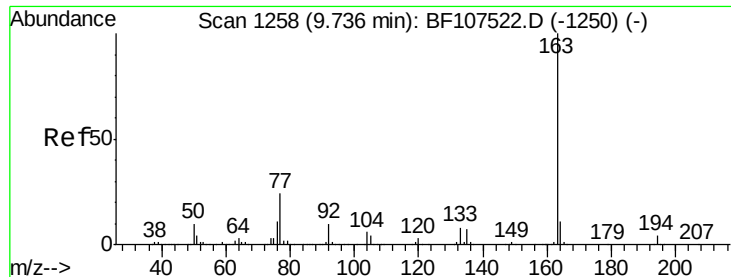
Tgt Ion: 65 Resp: 272249
Ion Ratio Lower Upper
65 100
92 64.4 55.8 83.6
138 104.2 91.2 136.8



#48
Acenaphthylene
Concen: 46.007 ng
RT: 9.87 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF107693.D
Acq: 26 Jul 2018 8:36

Tgt Ion: 152 Resp: 1210927
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.9 10.7 16.1





#49

Dimethylphthalate

Concen: 46.168 ng

RT: 9.72 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF107693.D

Acq: 26 Jul 2018 8:36

Instrument :

BNA_F

ClientSampleId :

PB111438BSD

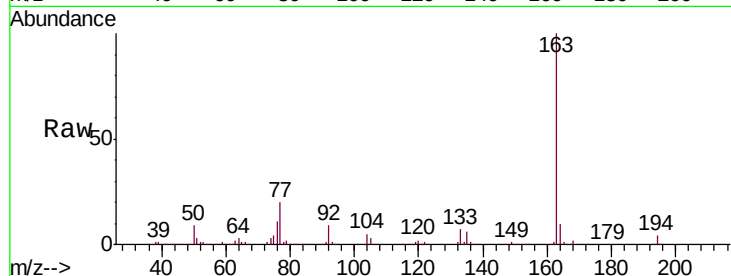
Tgt Ion:163 Resp: 915597

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

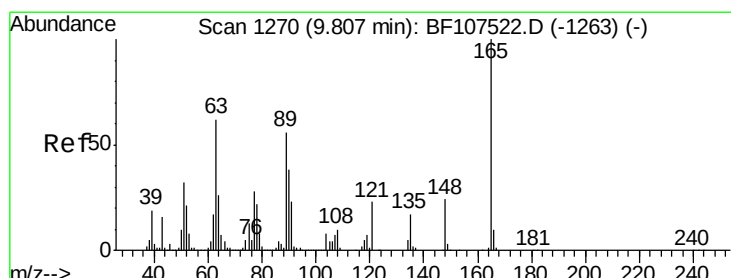
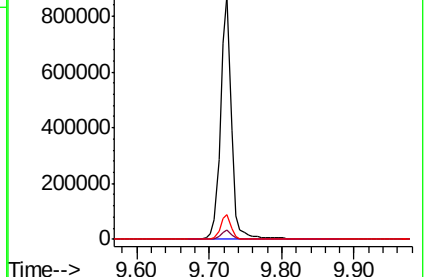
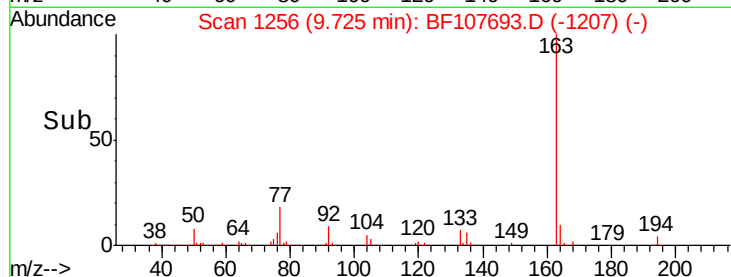
164 10.0 8.2 12.2



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: 45.335 ng

RT: 9.80 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF107693.D

Acq: 26 Jul 2018 8:36

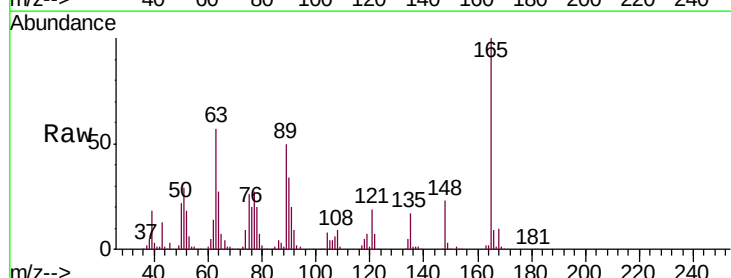
Tgt Ion:165 Resp: 178501

Ion Ratio Lower Upper

165 100

63 56.7 44.7 67.1

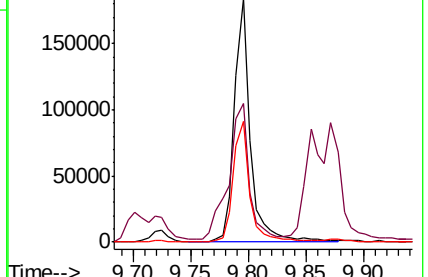
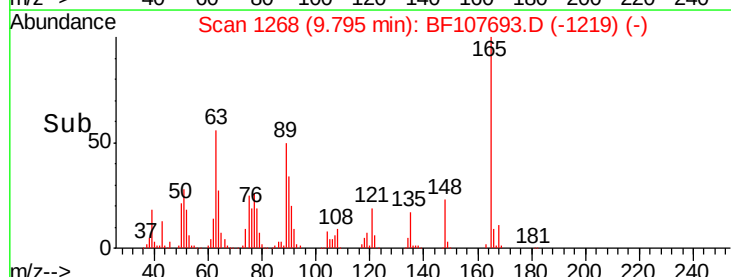
89 49.7 44.0 66.0

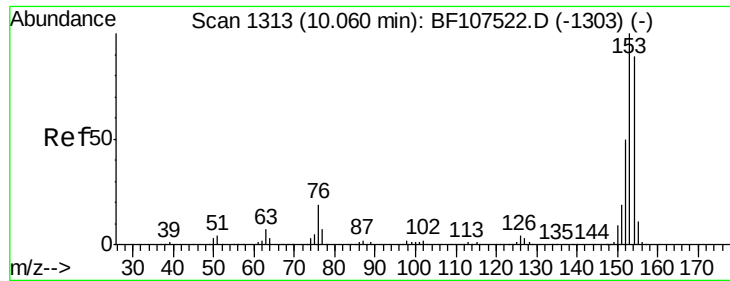


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 43.054 ng

RT: 10.05 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF107693.D

Acq: 26 Jul 2018 8:36

Instrument :

BNA_F

ClientSampleId :

PB111438BSD

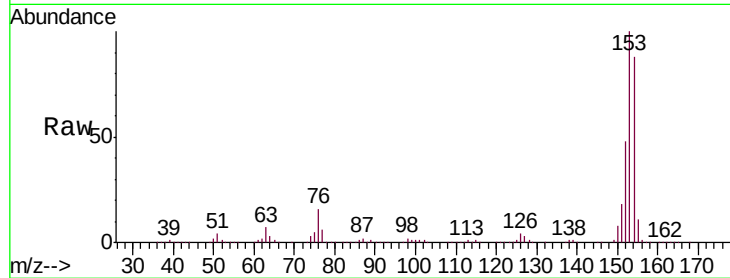
Tgt Ion:154 Resp: 710005

Ion Ratio Lower Upper

154 100

153 114.3 91.2 136.8

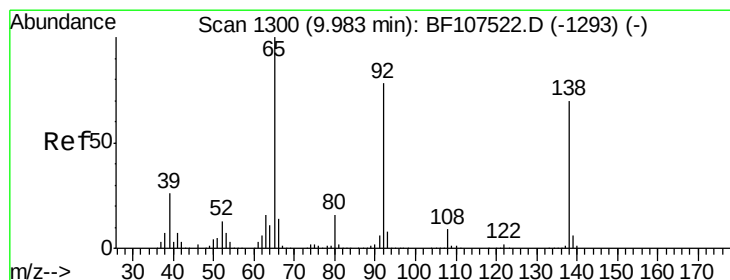
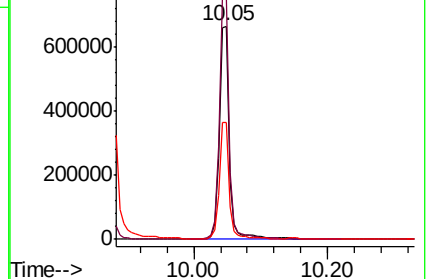
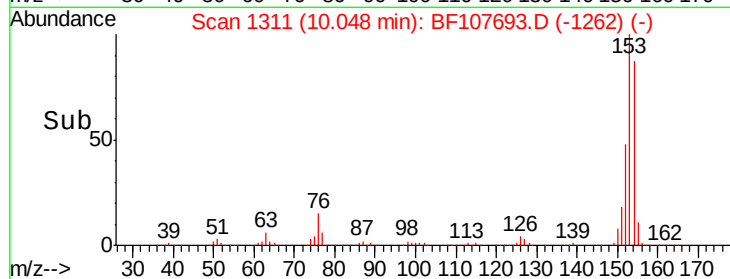
152 54.9 43.8 65.8



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: 37.266 ng

RT: 9.97 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF107693.D

Acq: 26 Jul 2018 8:36

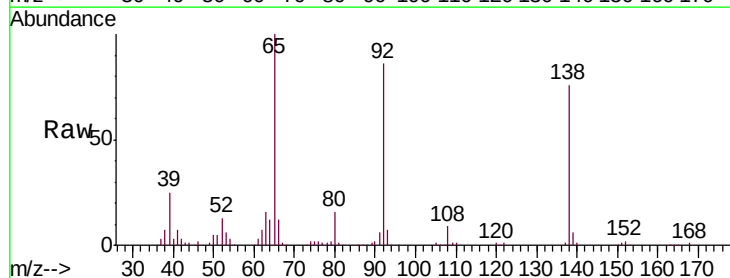
Tgt Ion:138 Resp: 178508

Ion Ratio Lower Upper

138 100

108 11.6 9.4 14.0

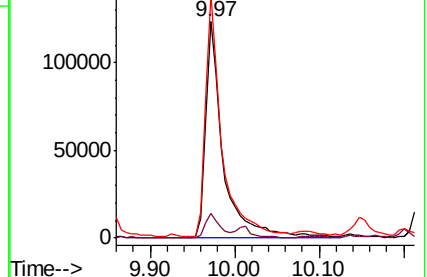
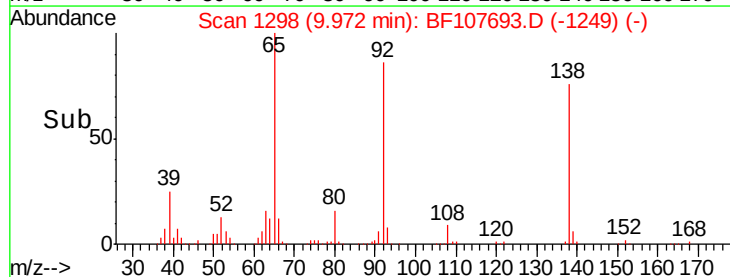
92 112.5 89.4 134.2

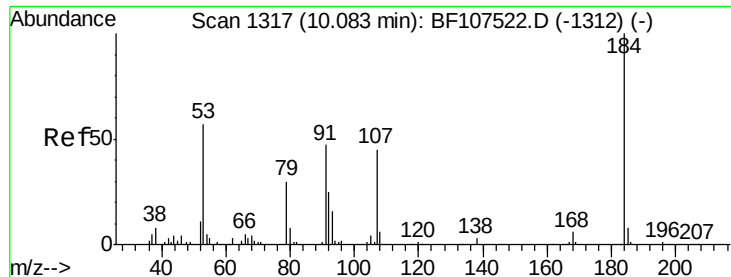


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

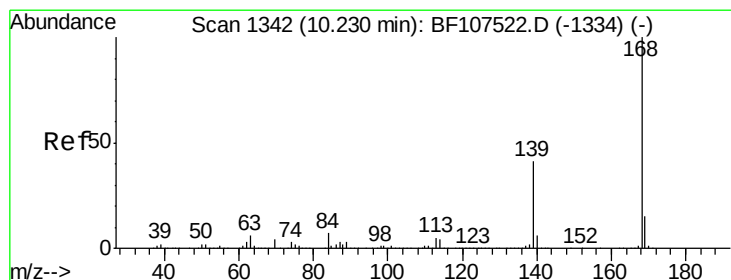
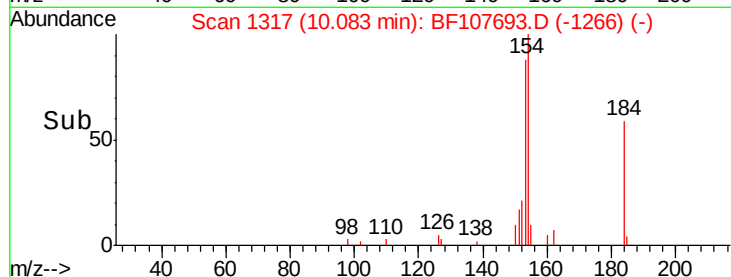
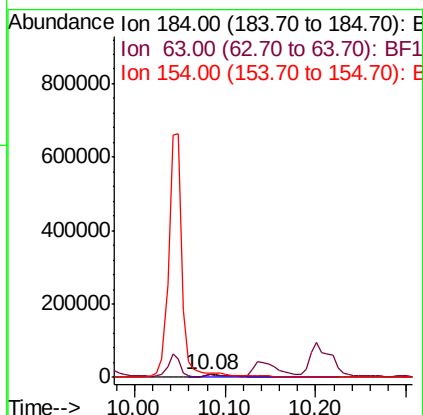
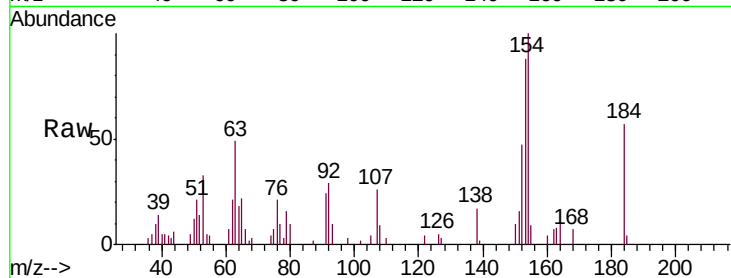




#53
2,4-Dinitrophenol
Concen: 21.474 ng
RT: 10.08 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF107693.D
Acq: 26 Jul 2018 8:36

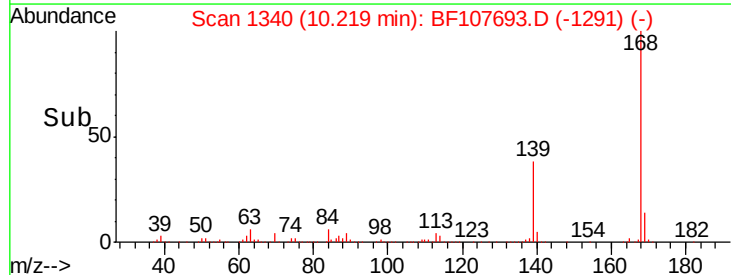
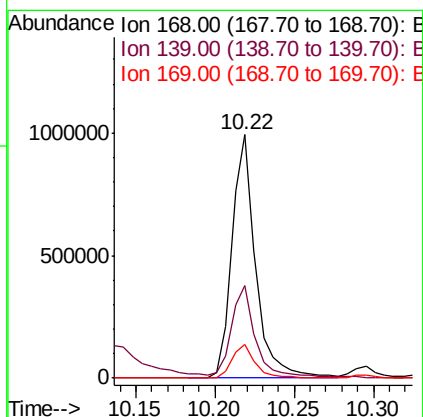
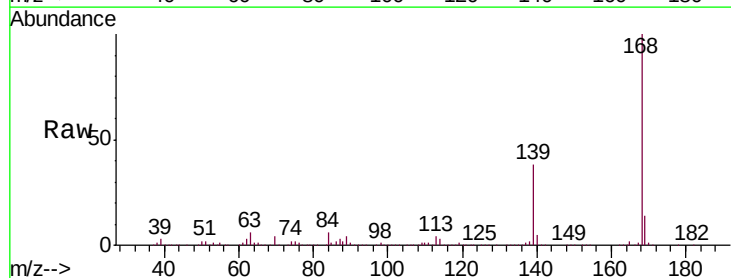
Instrument :
BNA_F
ClientSampleId :
PB111438BSD

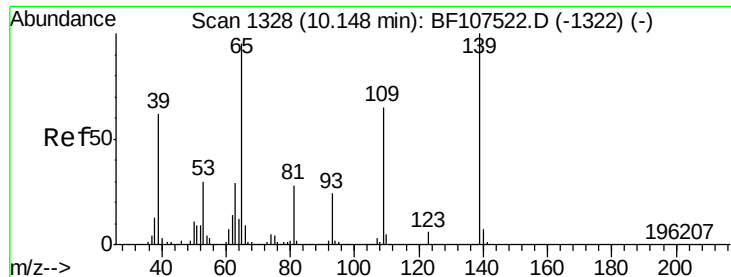
Tgt Ion:184 Resp: 19403
Ion Ratio Lower Upper
184 100
63 85.9 54.2 81.2#
154 174.6 184.0 276.0#



#54
Dibenzofuran
Concen: 42.637 ng
RT: 10.22 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF107693.D
Acq: 26 Jul 2018 8:36

Tgt Ion:168 Resp: 1035148
Ion Ratio Lower Upper
168 100
139 38.2 30.1 45.1
169 13.9 10.9 16.3

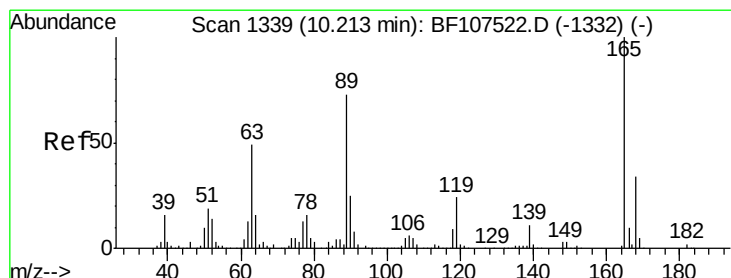
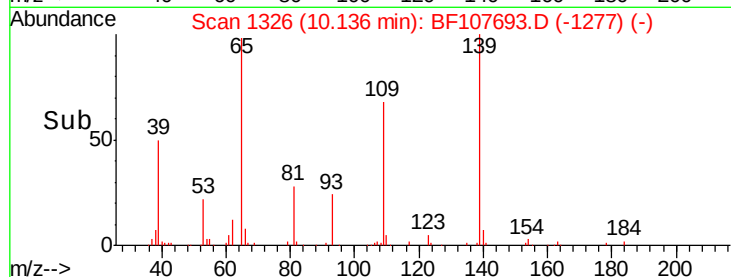
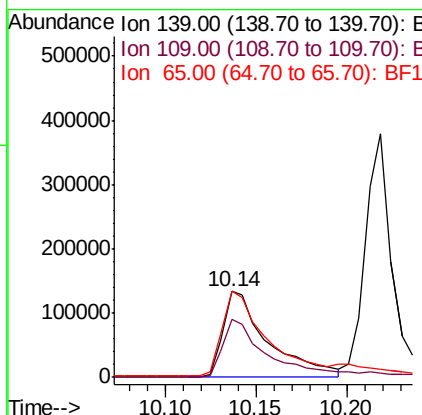
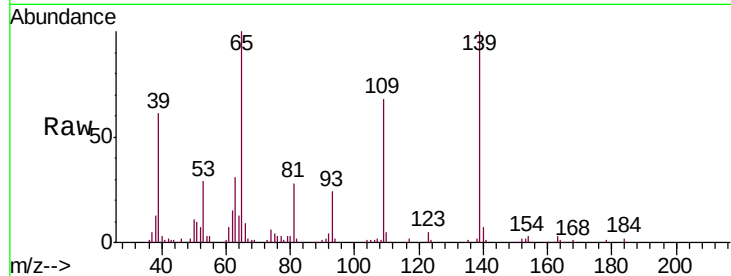




#55
4-Nitrophenol
Concen: 64.341 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF107693.D
Acq: 26 Jul 2018 8:36

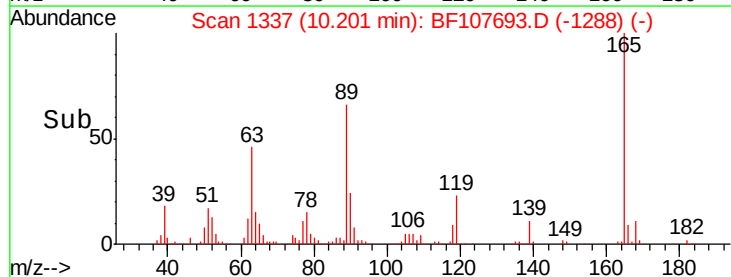
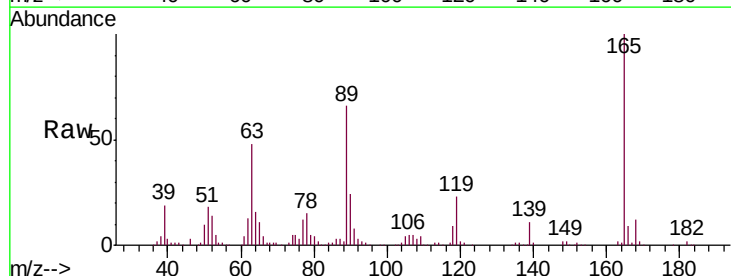
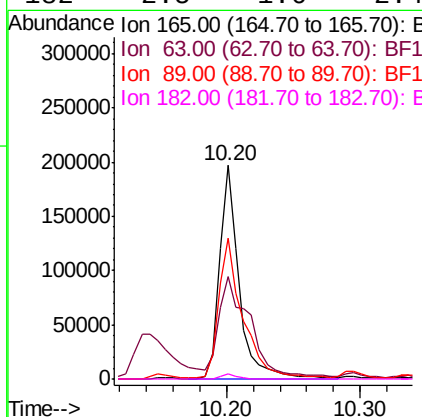
Instrument :
BNA_F
ClientSampleId :
PB111438BSD

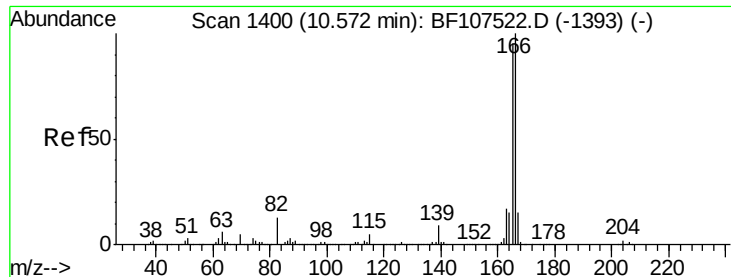
Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.0	48.4	88.4
65	100.3	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 42.710 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF107693.D
Acq: 26 Jul 2018 8:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.0	36.4	54.6
89	66.2	57.8	86.6
182	2.5	1.6	2.4#

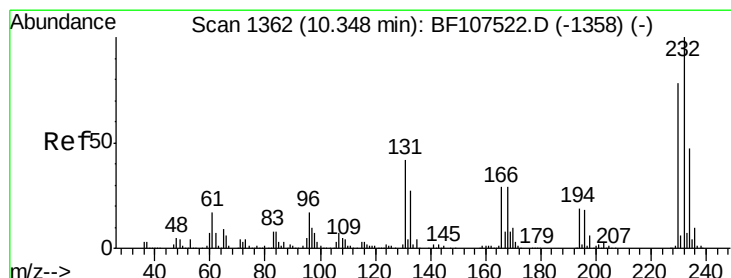
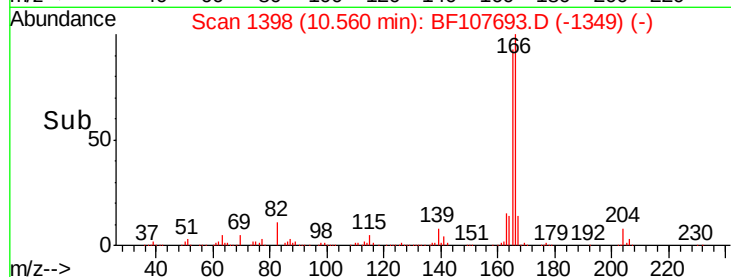
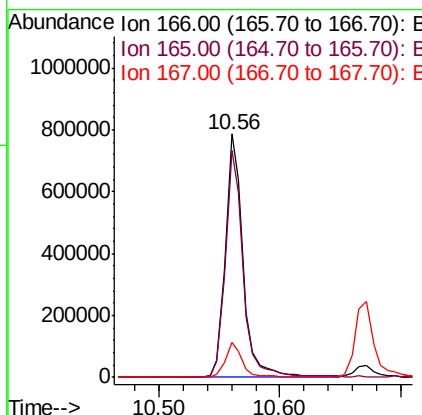
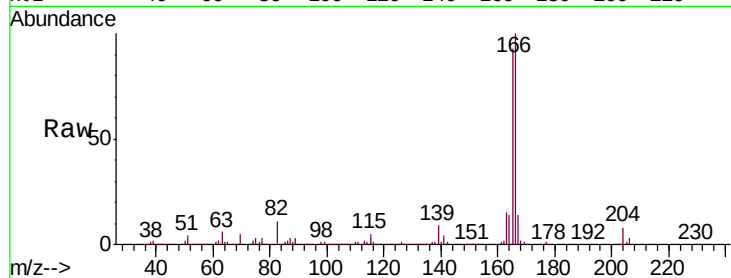




#57
 Fluorene
 Concen: 45.977 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF107693.D
 Acq: 26 Jul 2018 8:36

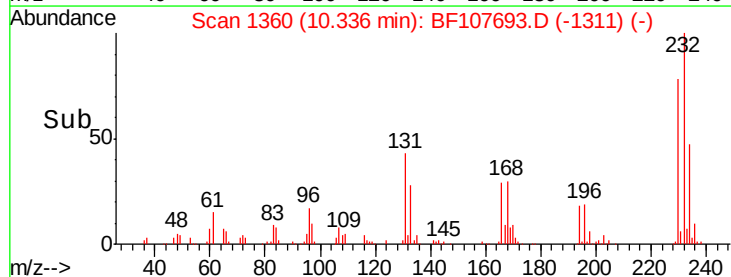
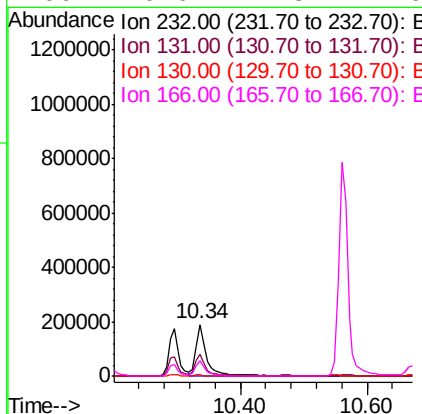
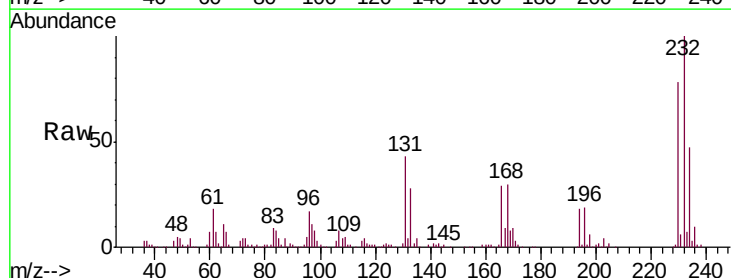
Instrument :
 BNA_F
 ClientSampleId :
 PB111438BSD

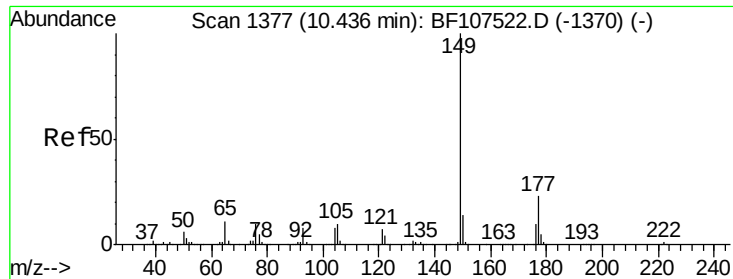
Tgt Ion:166 Resp: 796338
 Ion Ratio Lower Upper
 166 100
 165 93.4 79.8 119.8
 167 14.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.052 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF107693.D
 Acq: 26 Jul 2018 8:36

Tgt Ion:232 Resp: 220147
 Ion Ratio Lower Upper
 232 100
 131 41.5 43.8 65.8#
 130 2.1 2.1 3.1
 166 26.6 27.8 41.6#

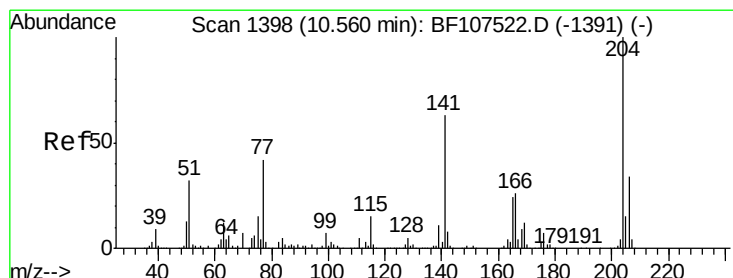
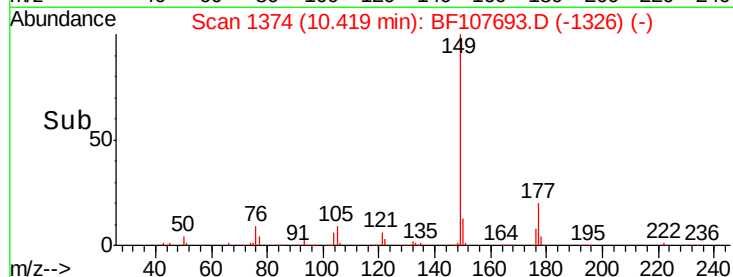
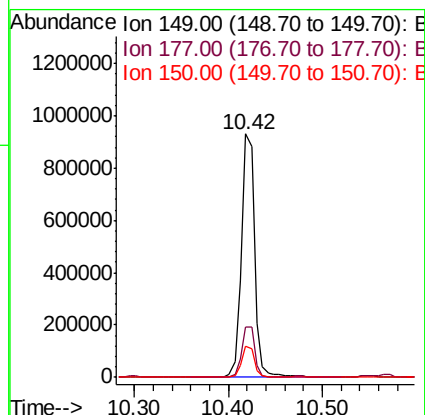
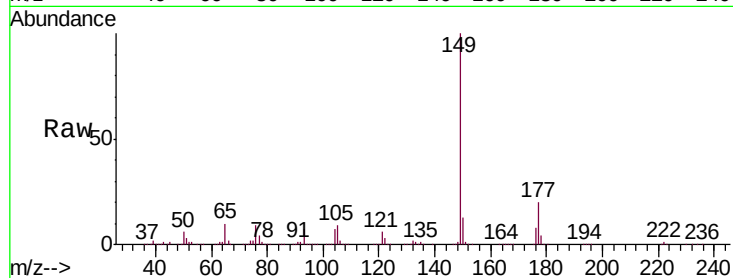




#59
Diethylphthalate
Concen: 44.042 ng
RT: 10.42 min Scan# 1374
Delta R.T. -0.02 min
Lab File: BF107693.D
Acq: 26 Jul 2018 8:36

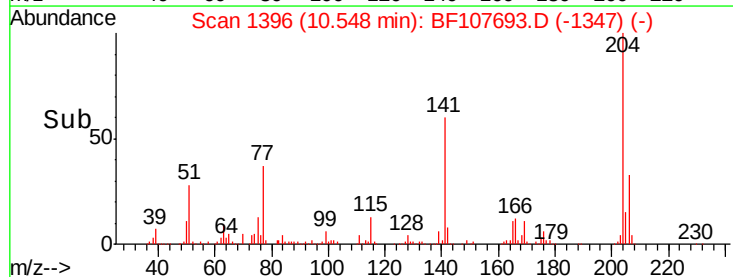
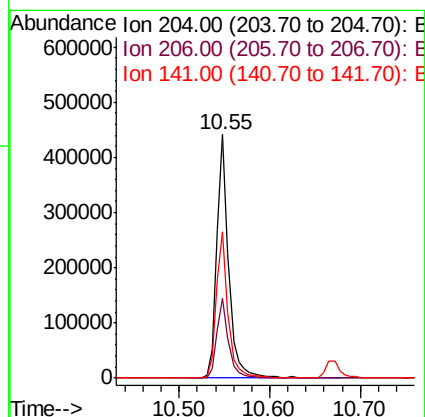
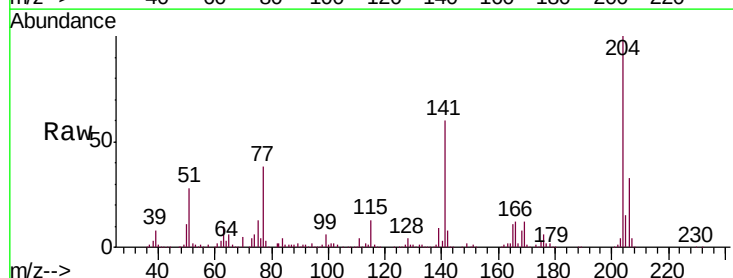
Instrument :
BNA_F
ClientSampleId :
PB111438BSD

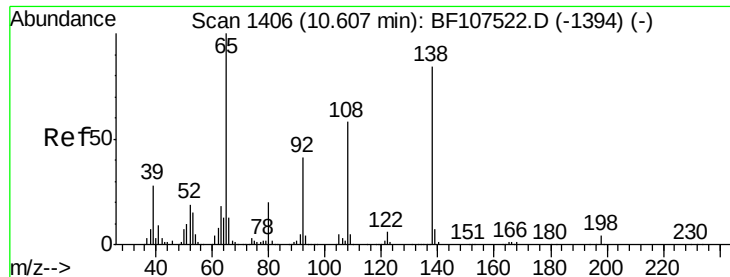
Tgt Ion:149 Resp: 912189
Ion Ratio Lower Upper
149 100
177 20.5 16.1 24.1
150 13.0 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 41.497 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF107693.D
Acq: 26 Jul 2018 8:36

Tgt Ion:204 Resp: 406327
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 60.3 54.6 81.8

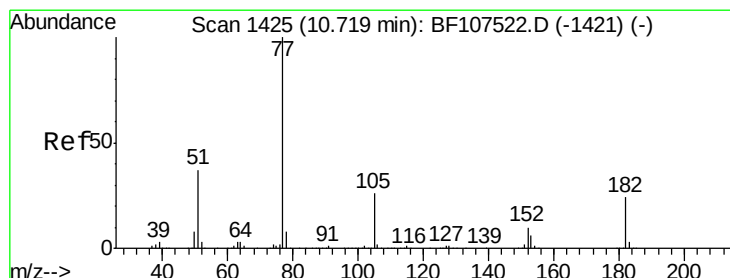
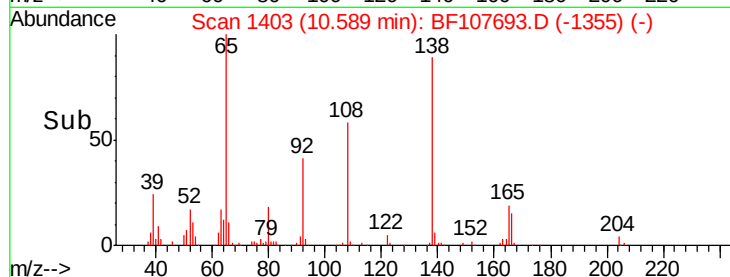
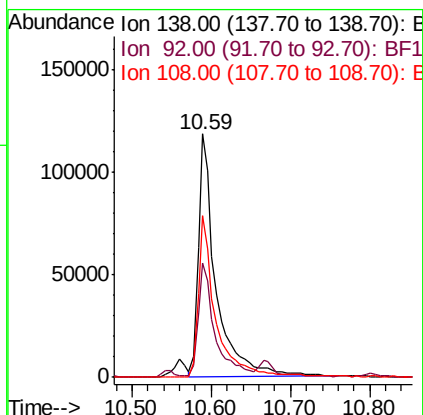
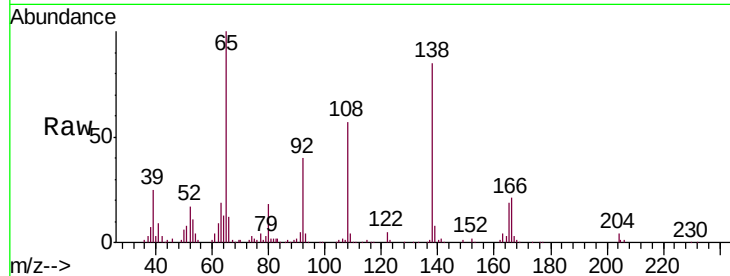




#61
4-Nitroaniline
Concen: 45.910 ng
RT: 10.59 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF107693.D
Acq: 26 Jul 2018 8:36

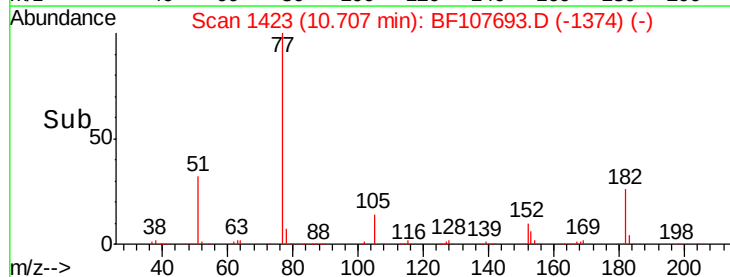
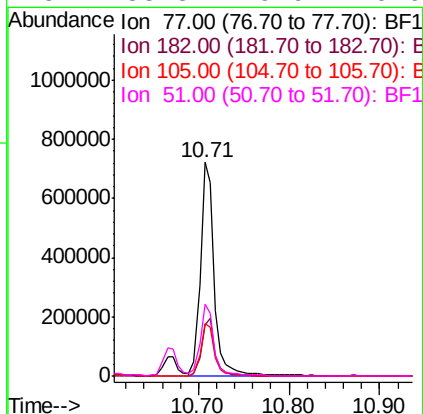
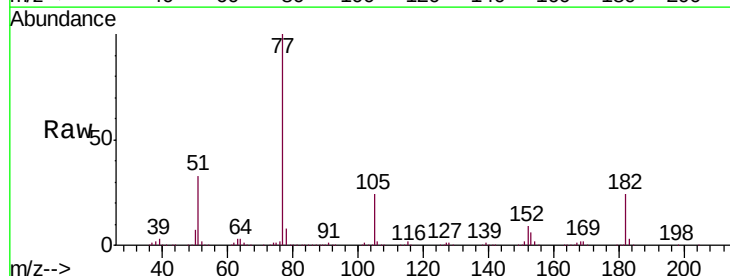
Instrument :
BNA_F
ClientSampleId :
PB111438BSD

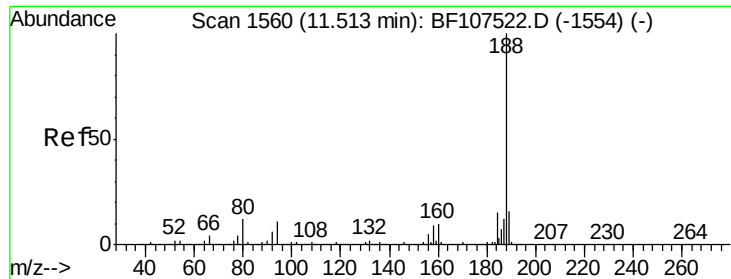
Tgt Ion: 138 Resp: 184765
Ion Ratio Lower Upper
138 100
92 46.9 30.2 70.2
108 66.2 52.5 92.5



#62
Azobenzene
Concen: 39.127 ng
RT: 10.71 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF107693.D
Acq: 26 Jul 2018 8:36

Tgt Ion: 77 Resp: 759910
Ion Ratio Lower Upper
77 100
182 24.1 1.7 41.7
105 24.4 3.0 43.0
51 33.3 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF107693.D

Acq: 26 Jul 2018 8:36

Instrument :

BNA_F

ClientSampleId :

PB111438BSD

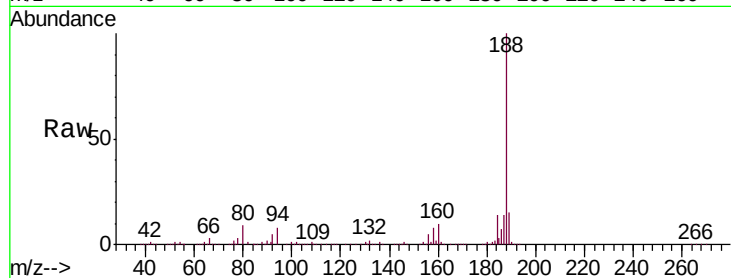
Tgt Ion:188 Resp: 447617

Ion Ratio Lower Upper

188 100

94 7.9 8.5 12.7#

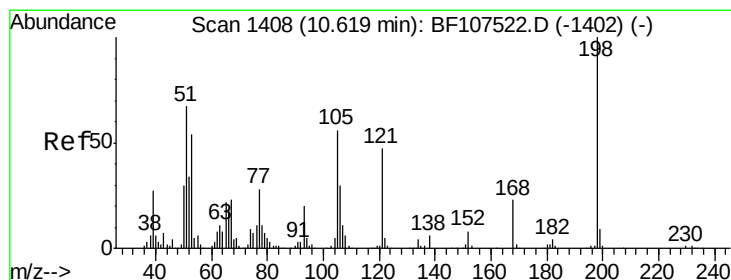
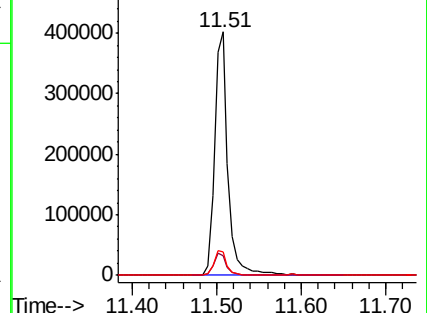
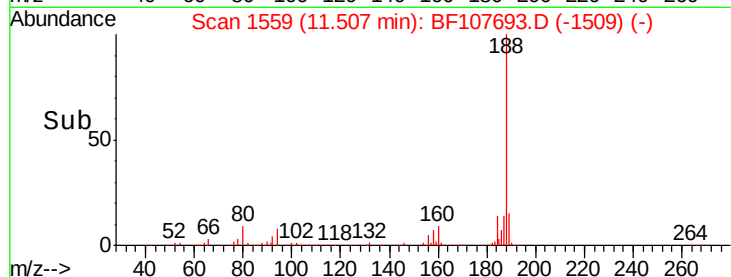
80 9.5 9.2 13.8



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: 15.233 ng

RT: 10.61 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF107693.D

Acq: 26 Jul 2018 8:36

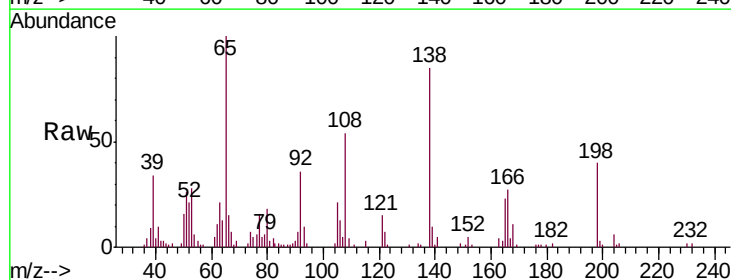
Tgt Ion:198 Resp: 17285

Ion Ratio Lower Upper

198 100

51 64.0 37.7 77.7

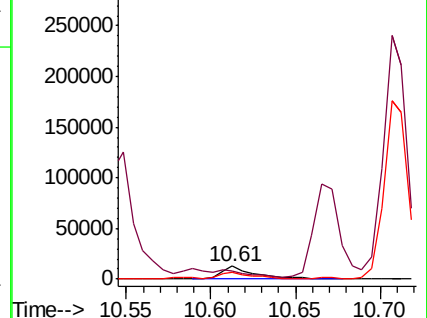
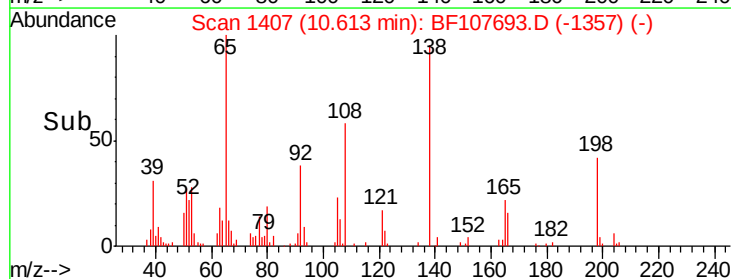
105 52.1 36.3 76.3

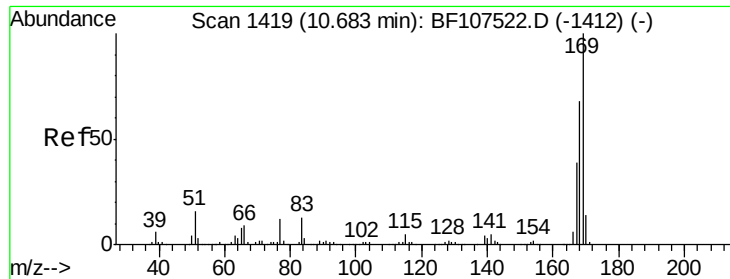


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

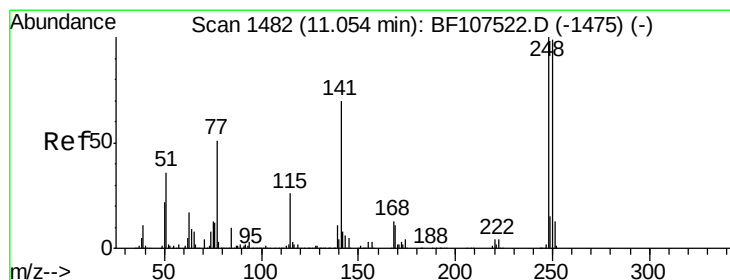
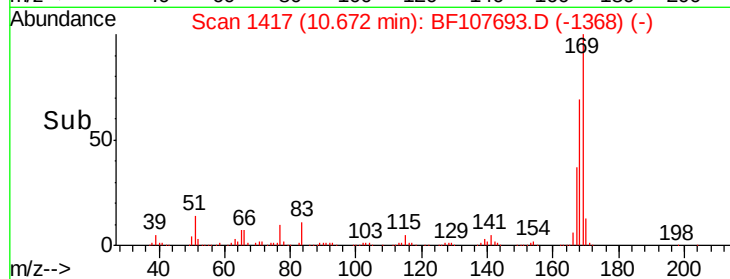
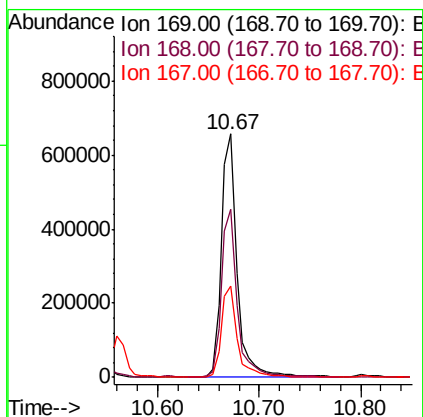
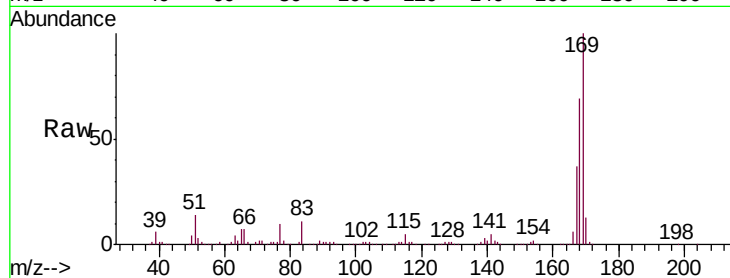




#65
 n-Nitrosodiphenylamine
 Concen: 46.868 ng
 RT: 10.67 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF107693.D
 Acq: 26 Jul 2018 8:36

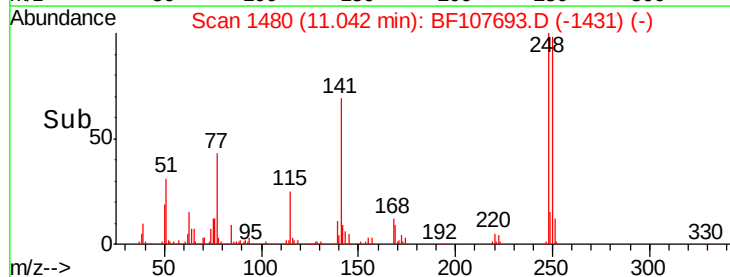
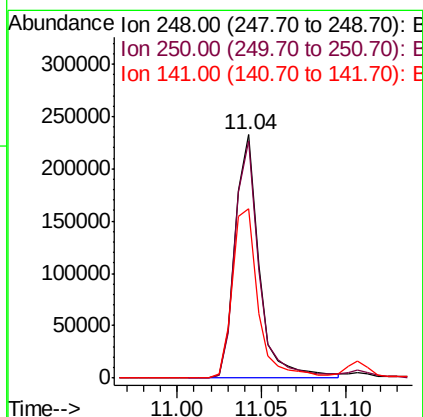
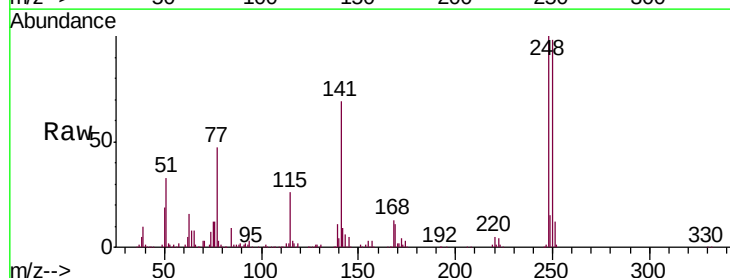
Instrument :
 BNA_F
 ClientSampleId :
 PB111438BSD

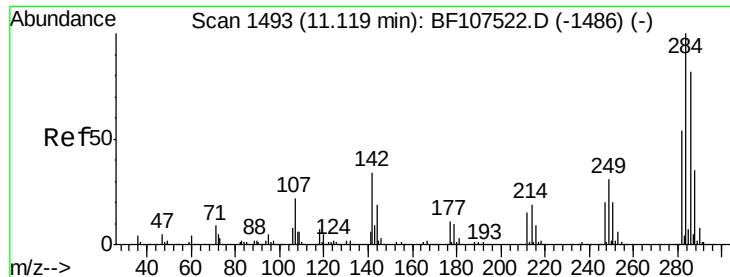
Tgt Ion:169 Resp: 712496
 Ion Ratio Lower Upper
 169 100
 168 69.2 54.4 81.6
 167 37.3 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 43.870 ng
 RT: 11.04 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF107693.D
 Acq: 26 Jul 2018 8:36

Tgt Ion:248 Resp: 231159
 Ion Ratio Lower Upper
 248 100
 250 97.6 76.9 115.3
 141 69.3 74.4 111.6#

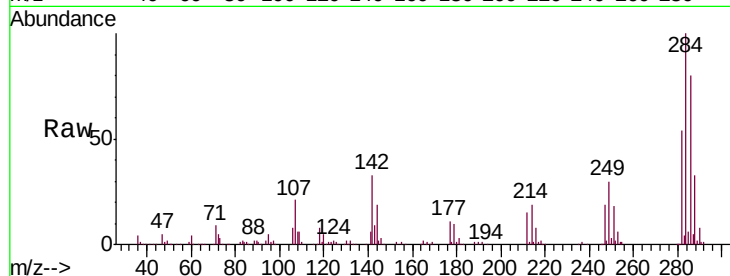




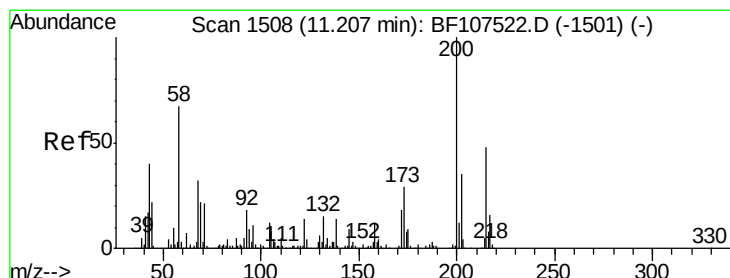
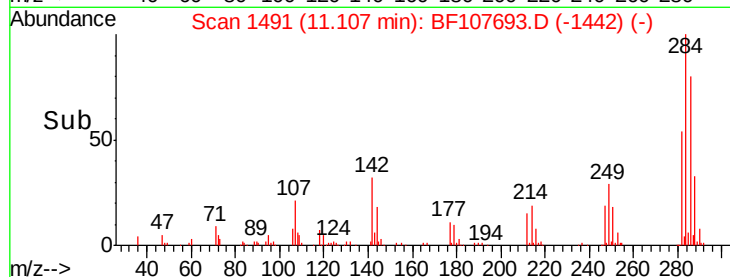
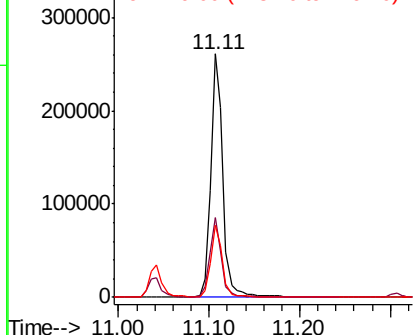
#67
Hexachlorobenzene
Concen: 42.297 ng
RT: 11.11 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF107693.D
Acq: 26 Jul 2018 8:36

Instrument :
BNA_F
ClientSampleId :
PB111438BSD

Tgt Ion:284 Resp: 245226
Ion Ratio Lower Upper
284 100
142 32.9 34.6 52.0#
249 29.6 24.8 37.2

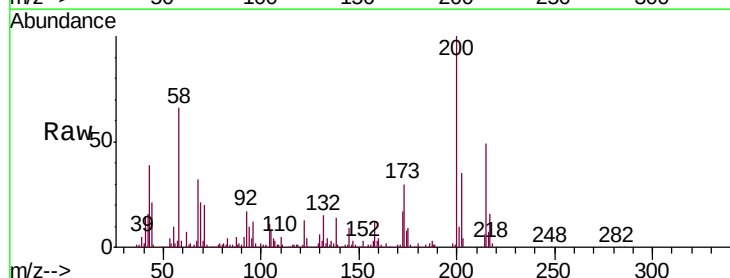


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

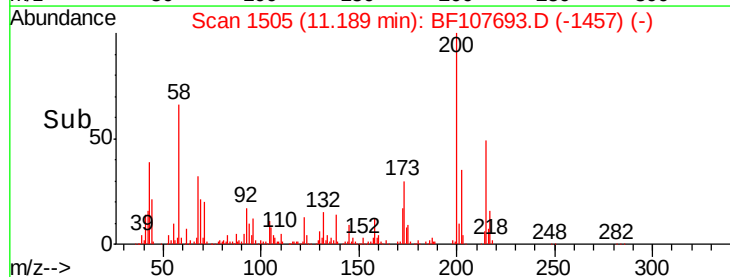
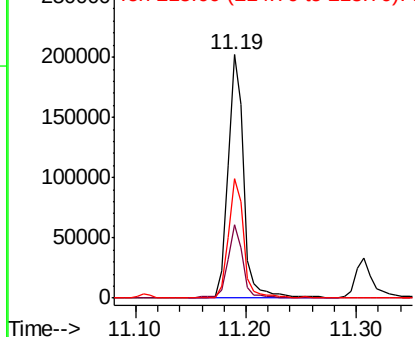


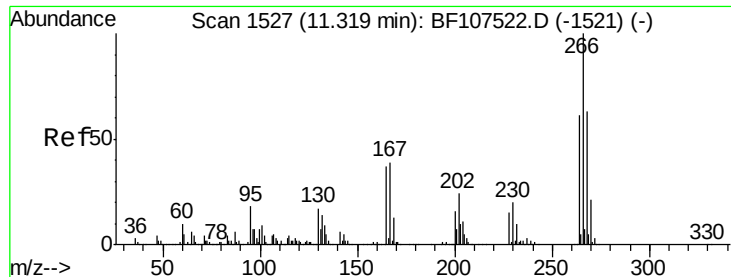
#68
Atrazine
Concen: 43.573 ng
RT: 11.19 min Scan# 1505
Delta R.T. -0.02 min
Lab File: BF107693.D
Acq: 26 Jul 2018 8:36

Tgt Ion:200 Resp: 202245
Ion Ratio Lower Upper
200 100
173 30.0 8.6 48.6
215 48.9 25.1 65.1



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

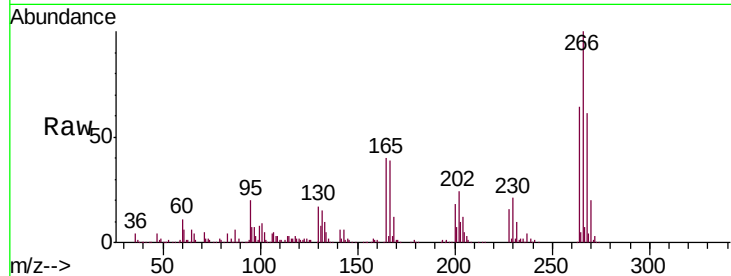




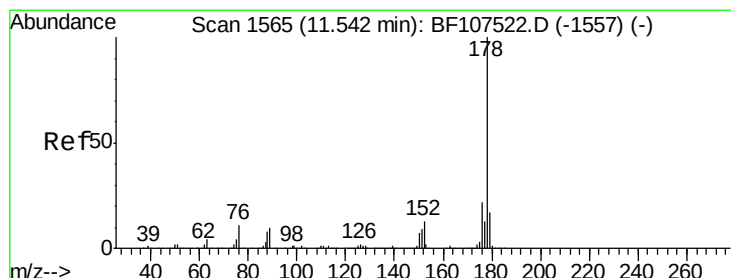
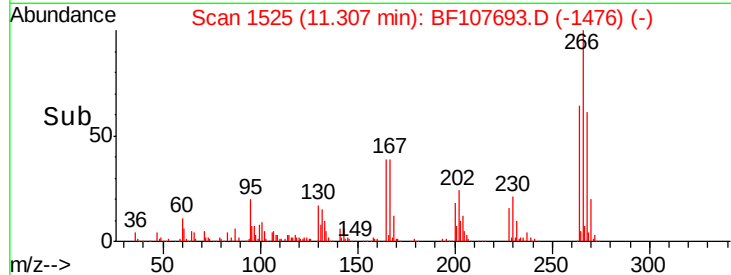
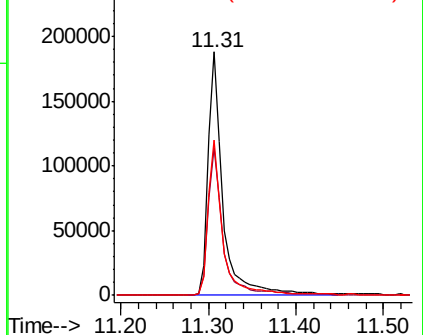
#69
 Pentachlorophenol
 Concen: 61.520 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. -0.01 min
 Lab File: BF107693.D
 Acq: 26 Jul 2018 8:36

Instrument :
 BNA_F
 ClientSampleId :
 PB111438BSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.6	51.1	76.7
264	64.0	49.5	74.3

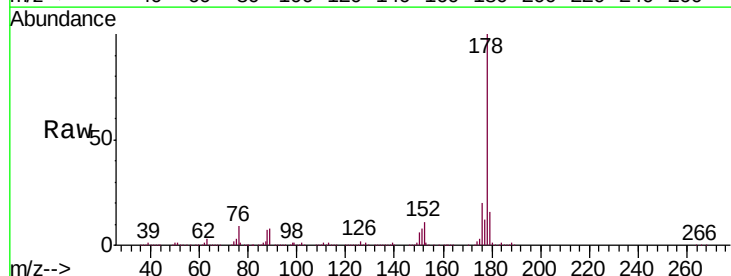


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

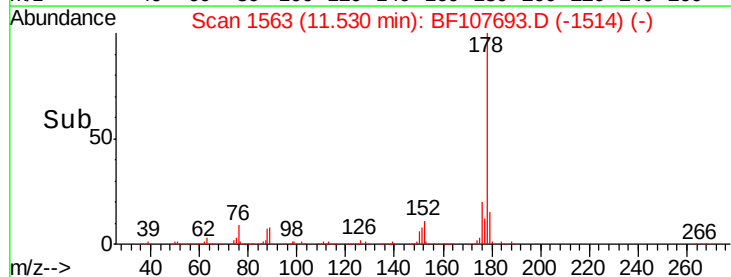
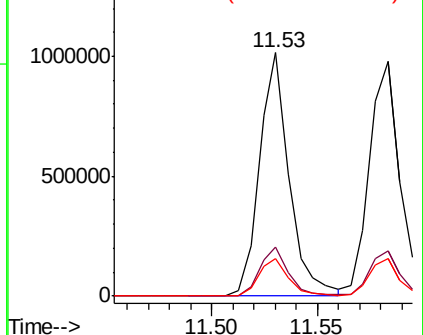


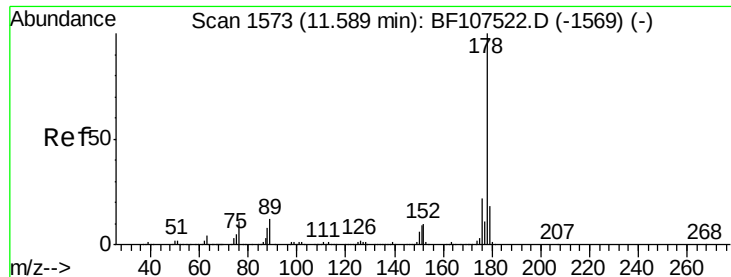
#70
 Phenanthrene
 Concen: 45.469 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF107693.D
 Acq: 26 Jul 2018 8:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	15.6	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

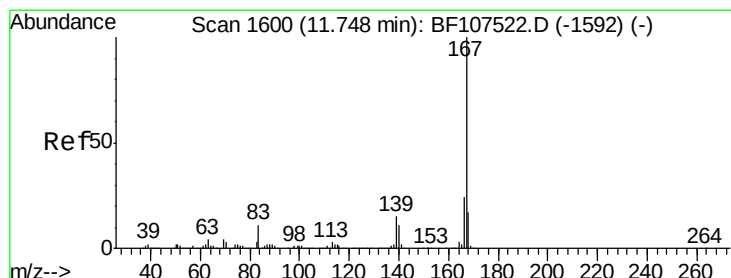
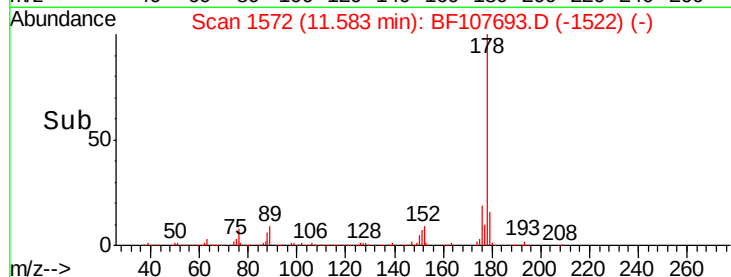
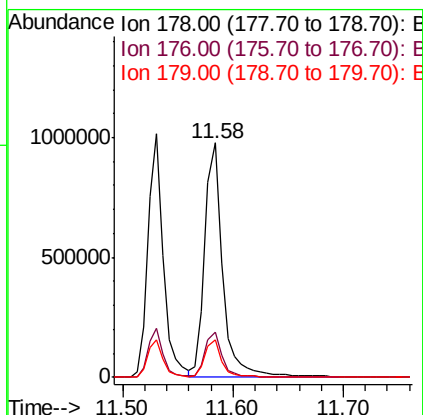
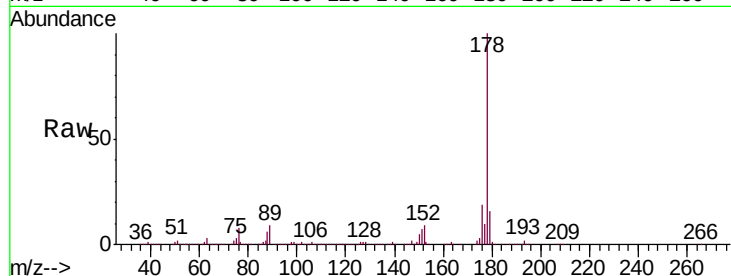




#71
 Anthracene
 Concen: 48.814 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF107693.D
 Acq: 26 Jul 2018 8:36

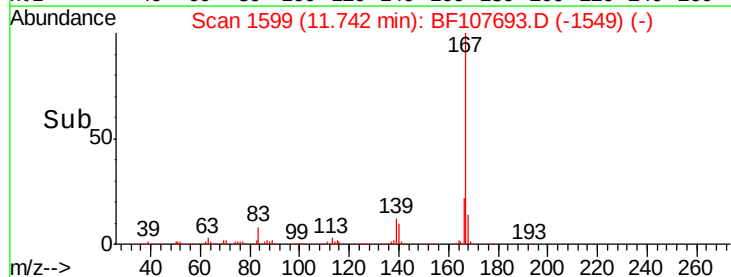
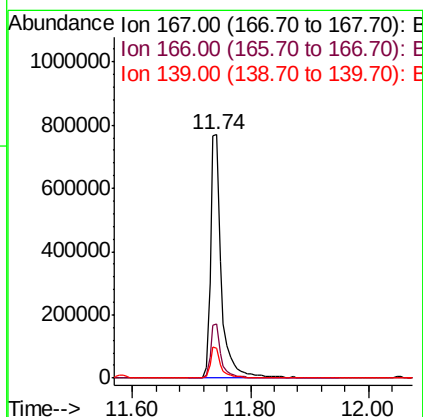
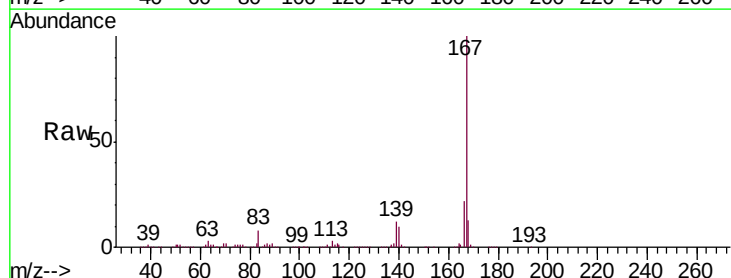
Instrument :
 BNA_F
 ClientSampleId :
 PB111438BSD

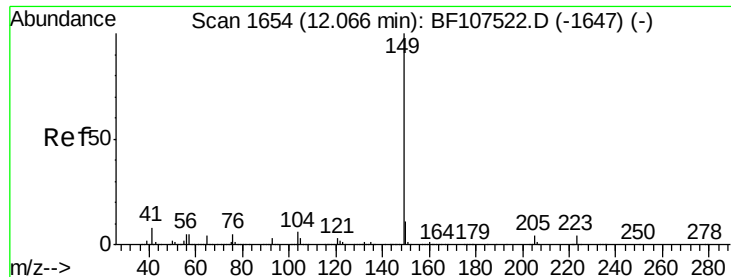
Tgt Ion:178 Resp: 1072052
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 43.623 ng
 RT: 11.74 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF107693.D
 Acq: 26 Jul 2018 8:36

Tgt Ion:167 Resp: 996265
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 12.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 58.075 ng

RT: 12.05 min Scan# 1651

Delta R.T. -0.02 min

Lab File: BF107693.D

Acq: 26 Jul 2018 8:36

Instrument :

BNA_F

ClientSampleId :

PB111438BSD

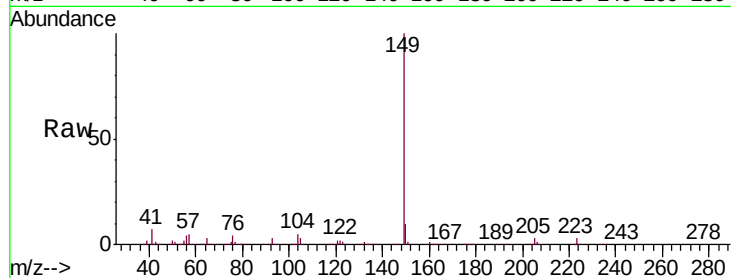
Tgt Ion:149 Resp: 1251150

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

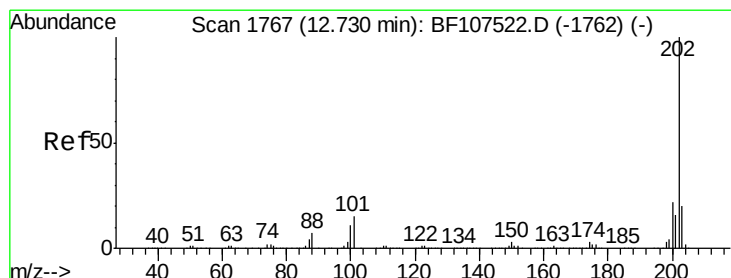
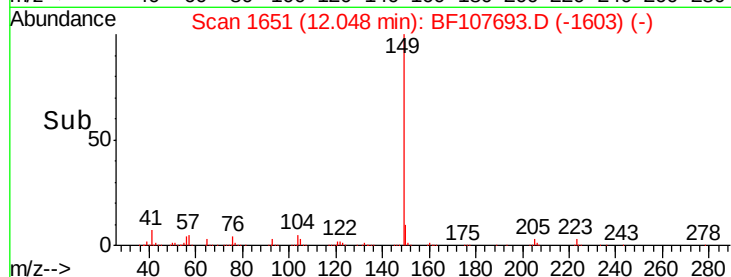
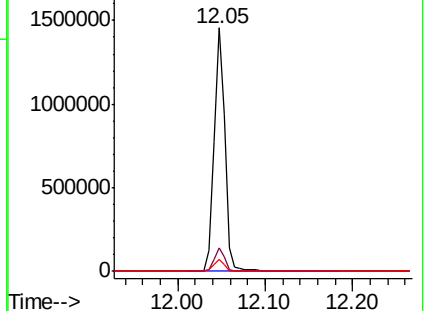
104 4.8 3.8 5.8



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: 46.066 ng

RT: 12.72 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF107693.D

Acq: 26 Jul 2018 8:36

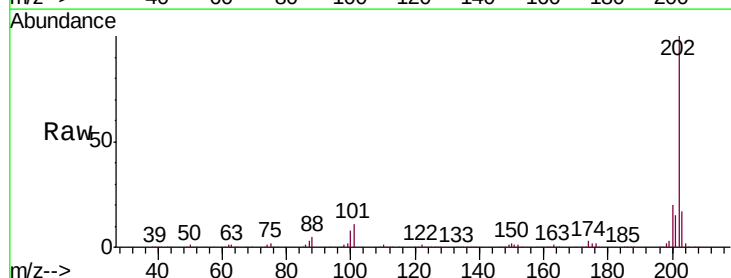
Tgt Ion:202 Resp: 1078253

Ion Ratio Lower Upper

202 100

101 10.9 0.0 34.1

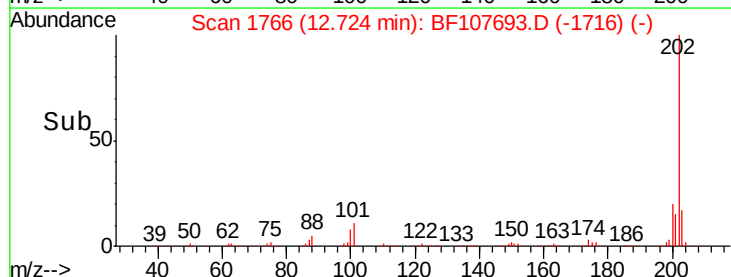
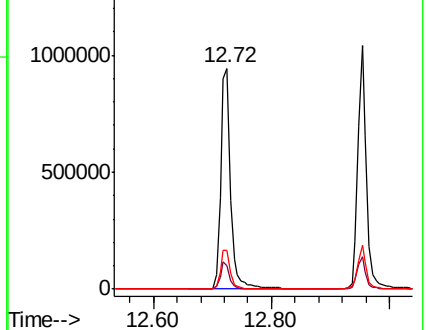
203 17.4 0.0 38.1

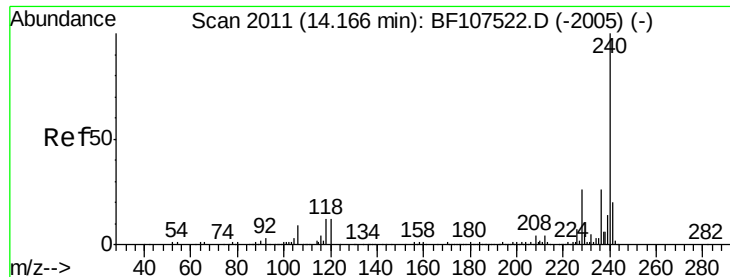


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2009

Delta R.T. -0.01 min

Lab File: BF107693.D

Acq: 26 Jul 2018 8:36

Instrument :

BNA_F

ClientSampleId :

PB111438BSD

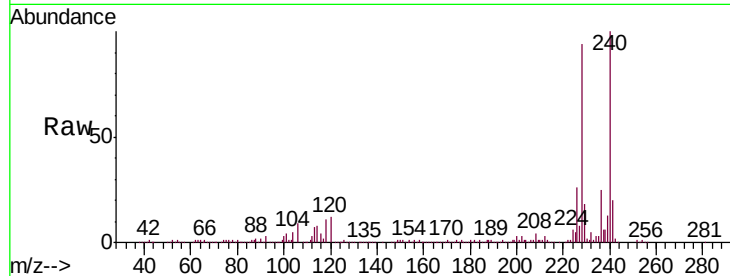
Tgt Ion:240 Resp: 316945

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

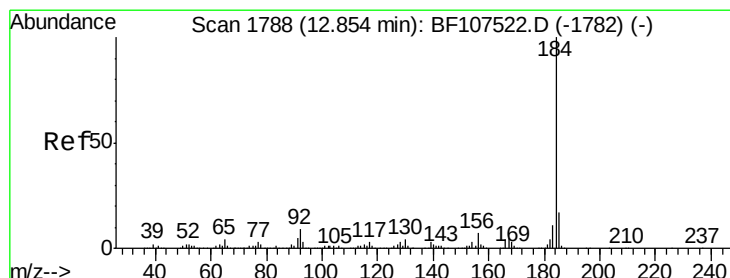
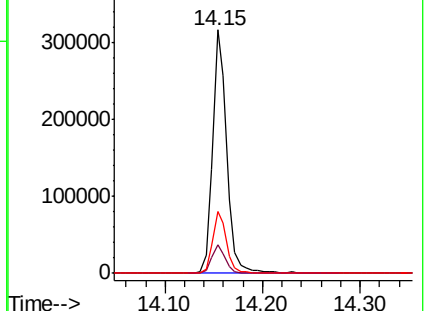
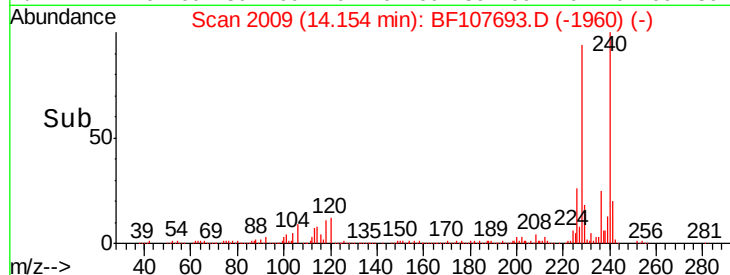
236 25.3 20.7 31.1



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: 78.773 ng

RT: 12.85 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF107693.D

Acq: 26 Jul 2018 8:36

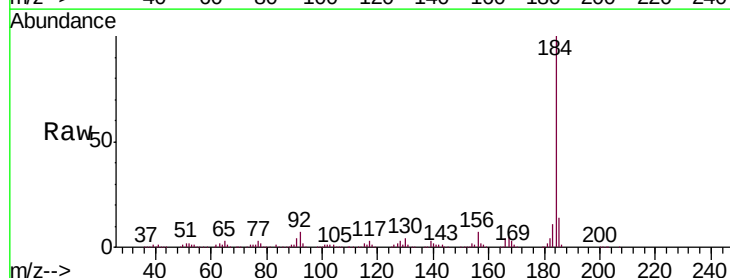
Tgt Ion:184 Resp: 718996

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

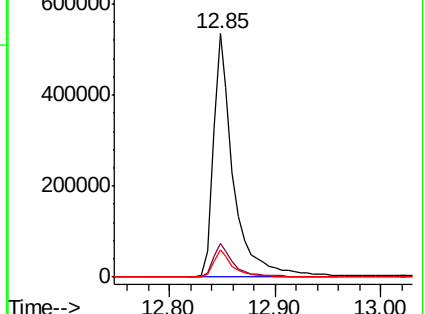
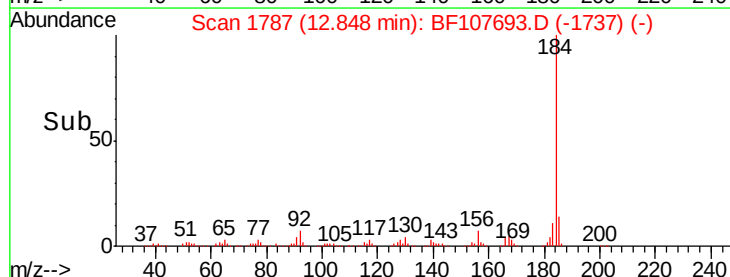
183 11.2 9.3 13.9

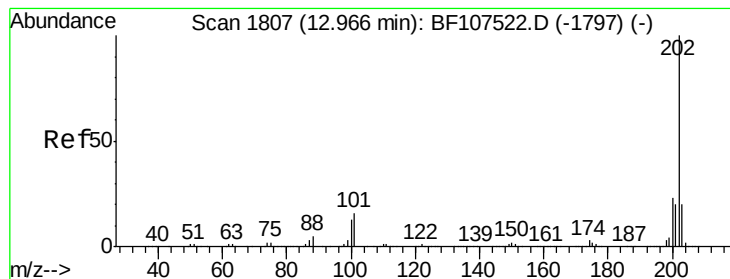


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 48.920 ng

RT: 12.95 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF107693.D

Acq: 26 Jul 2018 8:36

Instrument :

BNA_F

ClientSampleId :

PB111438BSD

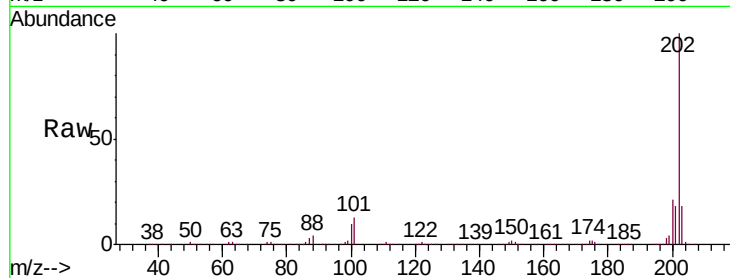
Tgt Ion:202 Resp: 1060545

Ion Ratio Lower Upper

202 100

200 20.8 17.4 26.2

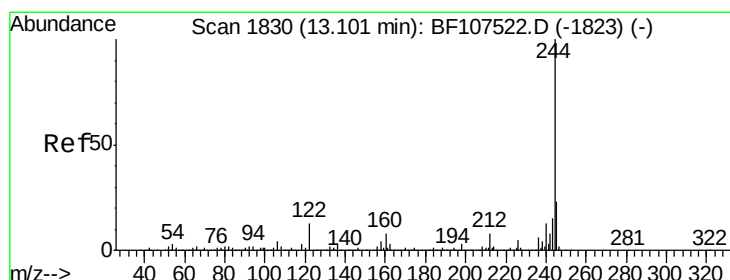
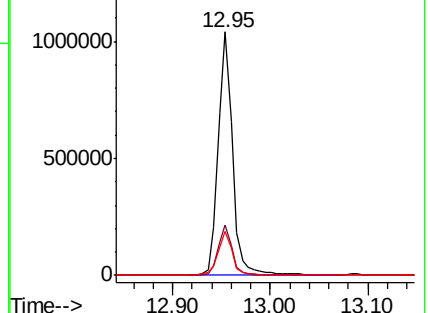
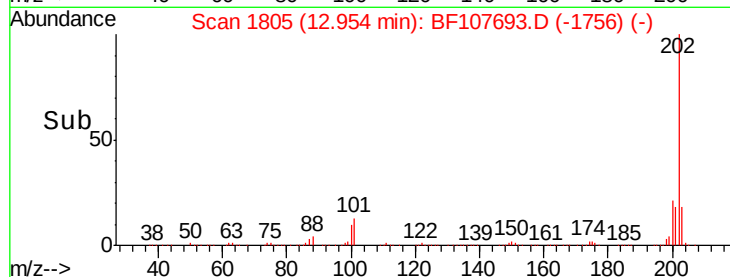
203 17.9 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 105.971 ng

RT: 13.09 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF107693.D

Acq: 26 Jul 2018 8:36

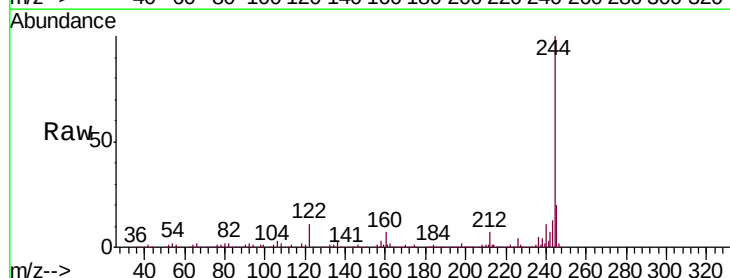
Tgt Ion:244 Resp: 1311947

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

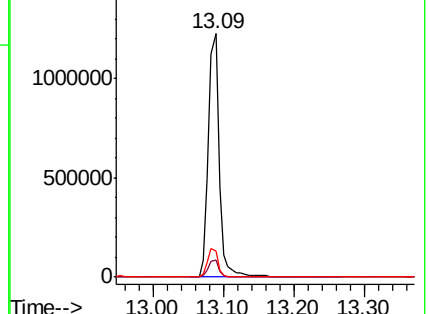
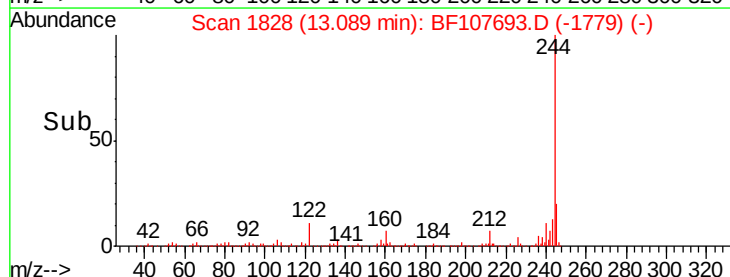
122 10.9 11.0 16.4#

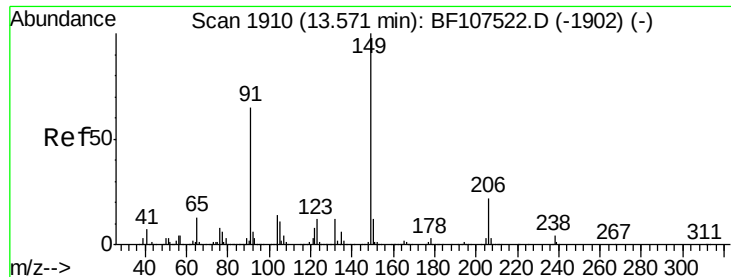


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

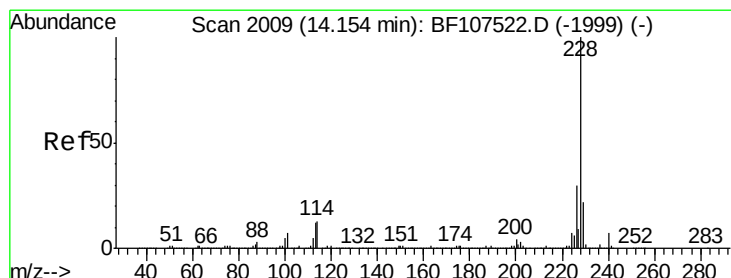
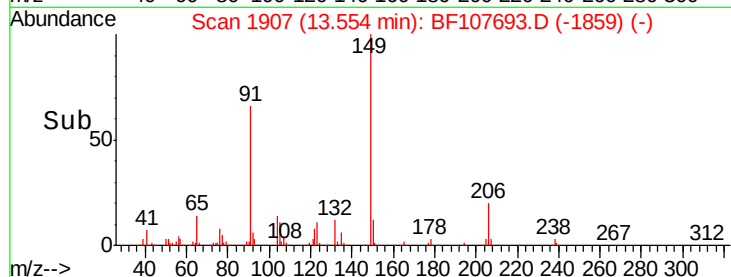
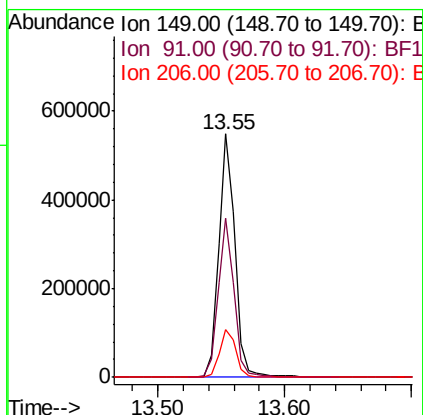
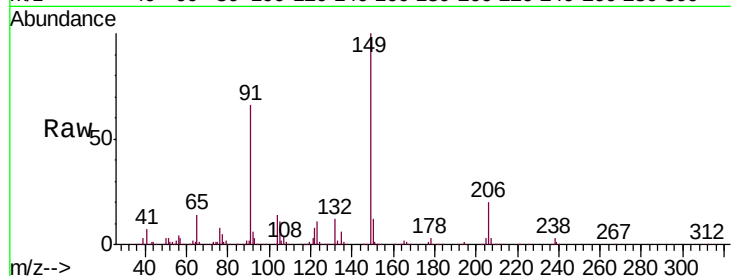




#79
Butylbenzylphthalate
Concen: 53.182 ng
RT: 13.55 min Scan# 1907
Delta R.T. -0.02 min
Lab File: BF107693.D
Acq: 26 Jul 2018 8:36

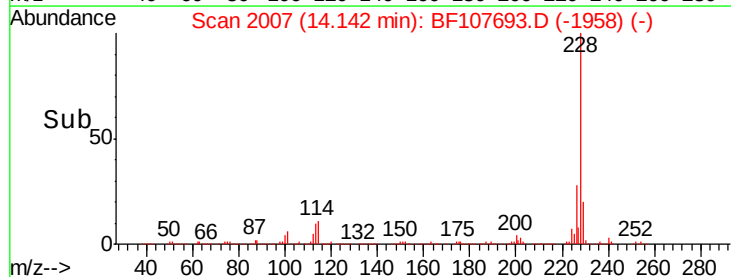
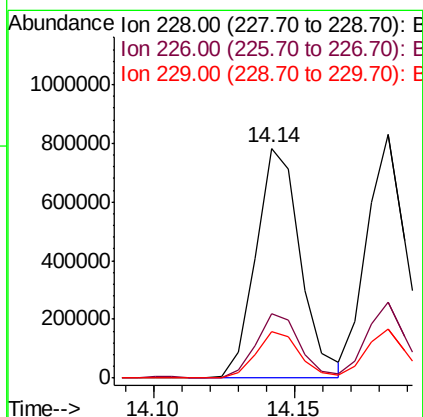
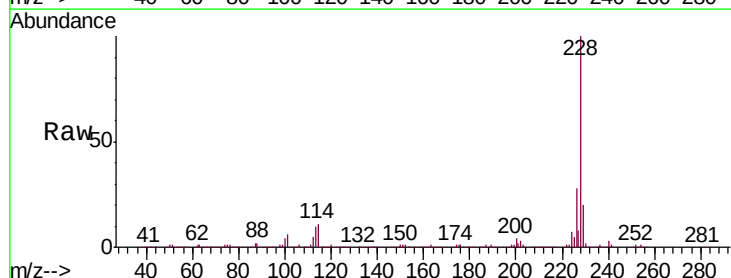
Instrument :
BNA_F
ClientSampleId :
PB111438BSD

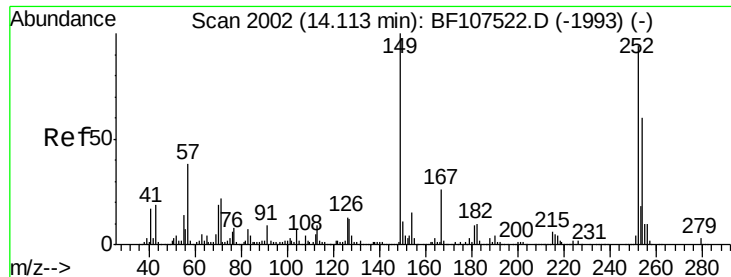
Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.5	56.8	85.2
206	19.6	14.1	21.1



#80
Benzo(a)anthracene
Concen: 46.162 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF107693.D
Acq: 26 Jul 2018 8:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.3	15.8	23.6

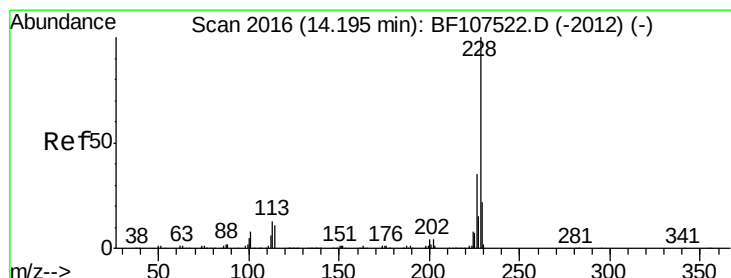
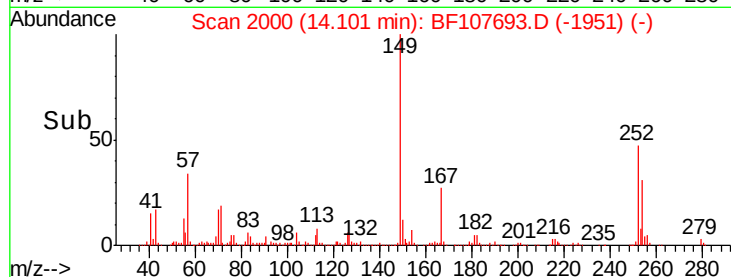
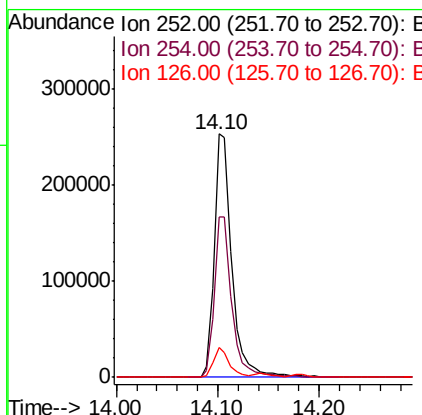
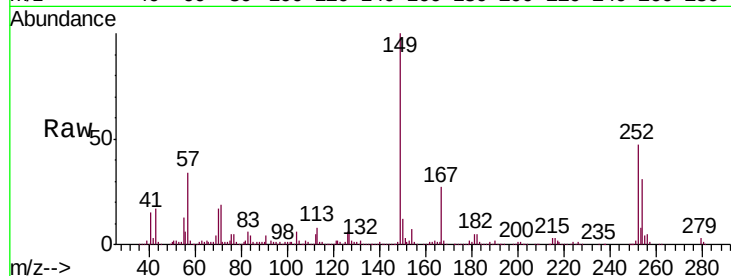




#81
 3,3'-Dichlorobenzidine
 Concen: 61.745 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF107693.D
 Acq: 26 Jul 2018 8:36

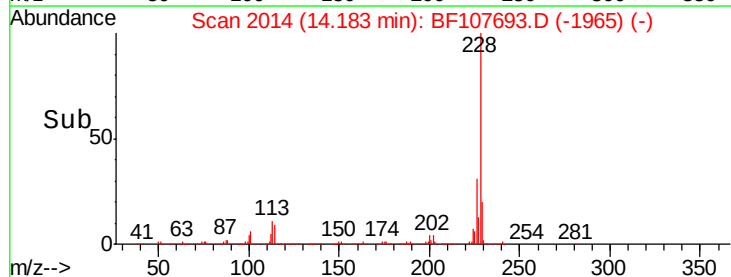
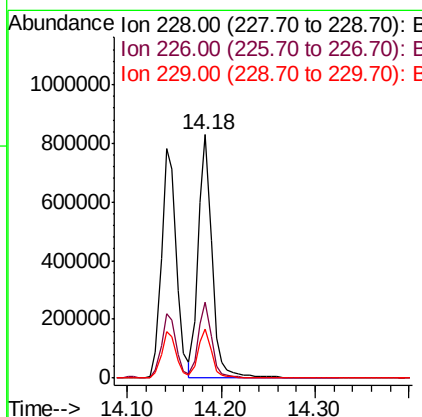
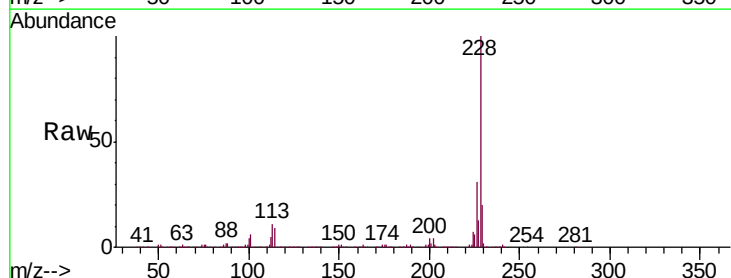
Instrument :
 BNA_F
 ClientSampleId :
 PB111438BSD

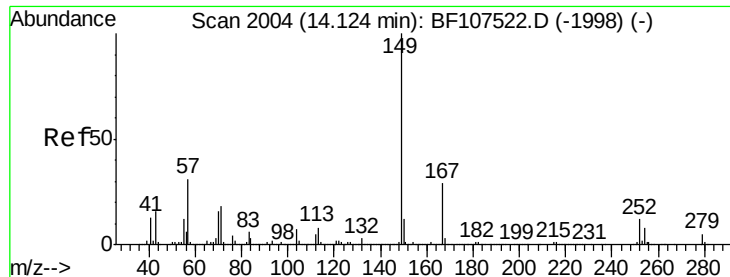
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.8	50.4	75.6
126	12.0	11.3	16.9



#82
 Chrysene
 Concen: 47.214 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF107693.D
 Acq: 26 Jul 2018 8:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.0	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.192 ng

RT: 14.11 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BF107693.D

Acq: 26 Jul 2018 8:36

Instrument :

BNA_F

ClientSampleId :

PB111438BSD

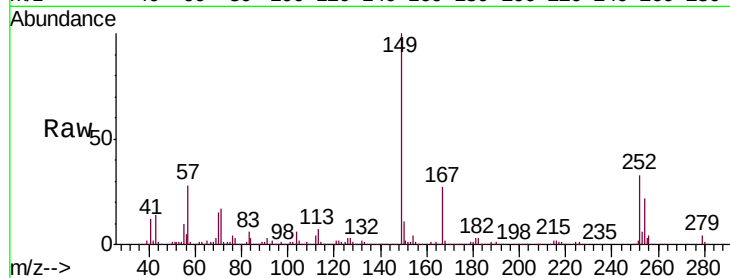
Tgt Ion:149 Resp: 647125

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

279 3.7 3.0 4.4

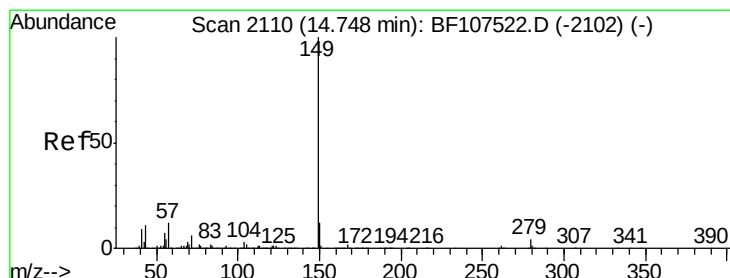
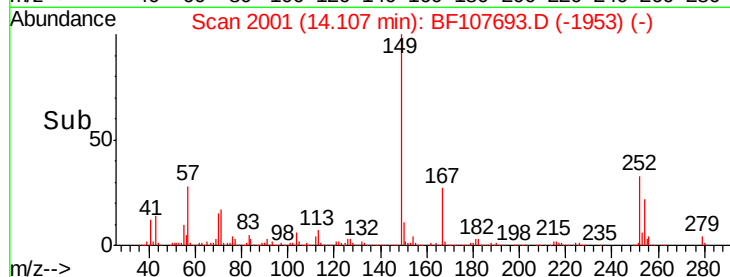
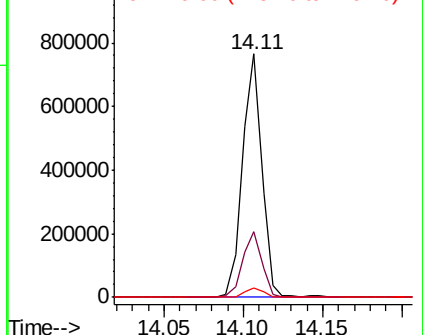


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 52.725 ng

RT: 14.72 min Scan# 2106

Delta R.T. -0.02 min

Lab File: BF107693.D

Acq: 26 Jul 2018 8:36

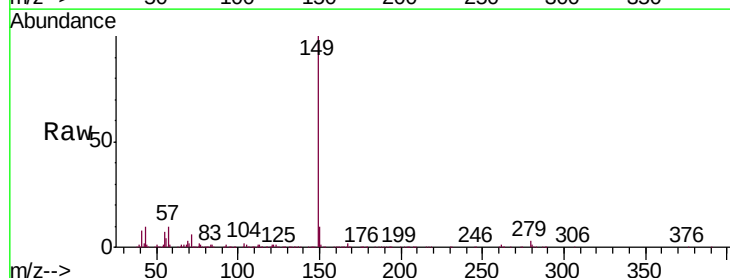
Tgt Ion:149 Resp: 1078110

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.7 8.4 12.6

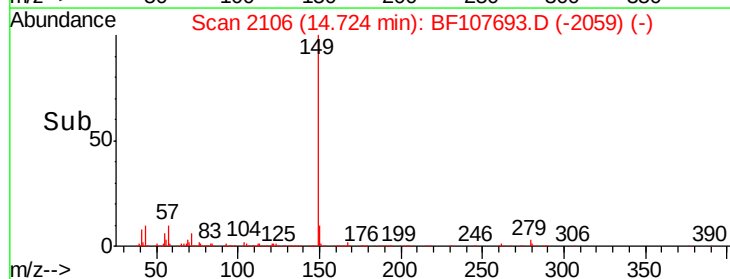
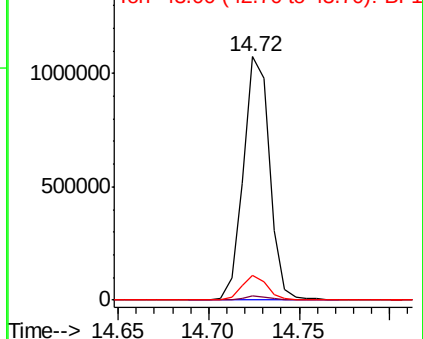


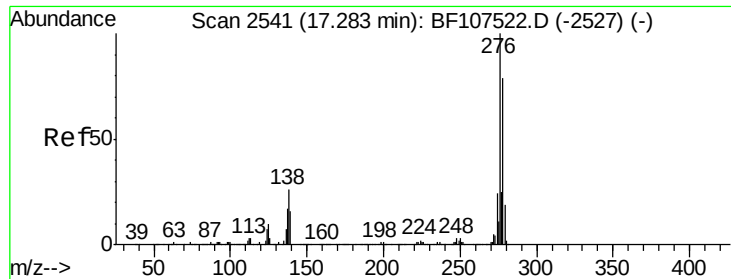
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

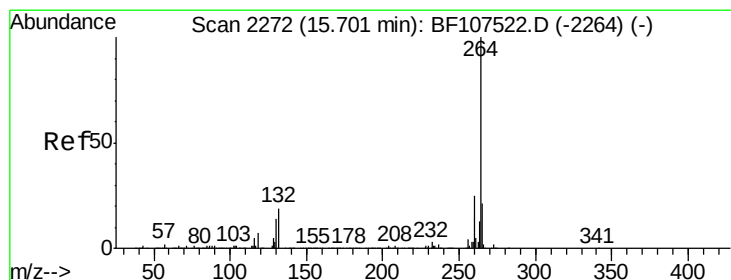
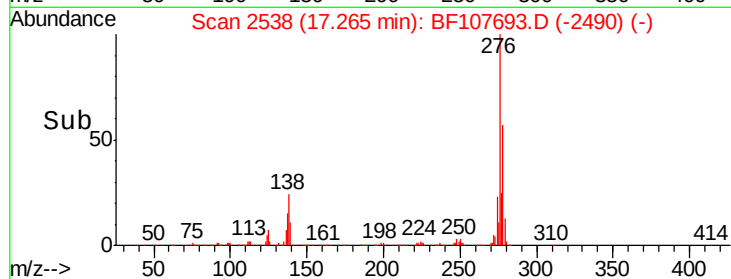
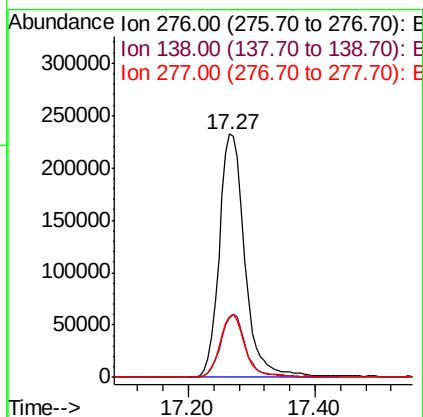
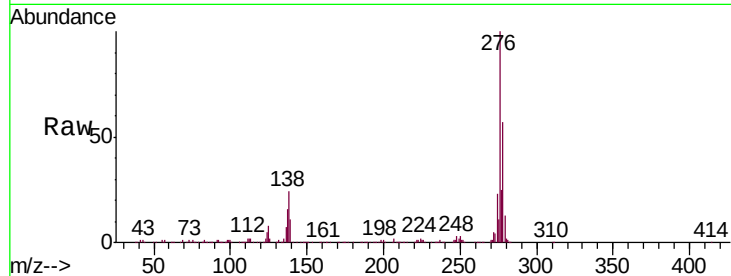




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.160 ng
 RT: 17.27 min Scan# 2538
 Delta R.T. -0.02 min
 Lab File: BF107693.D
 Acq: 26 Jul 2018 8:36

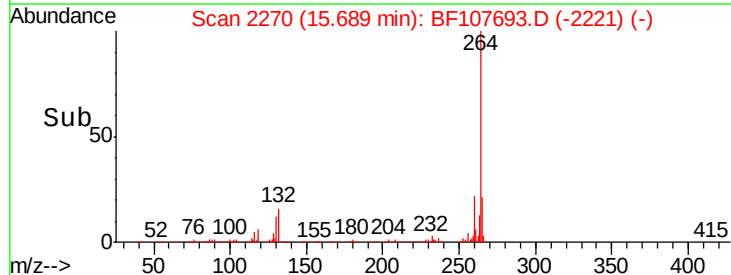
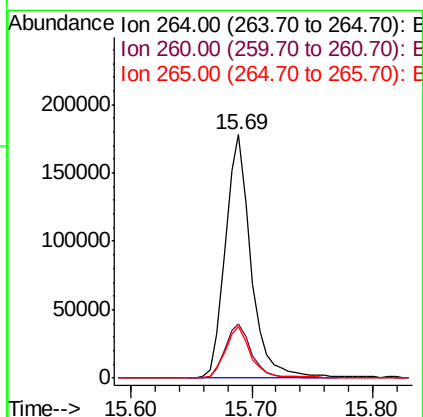
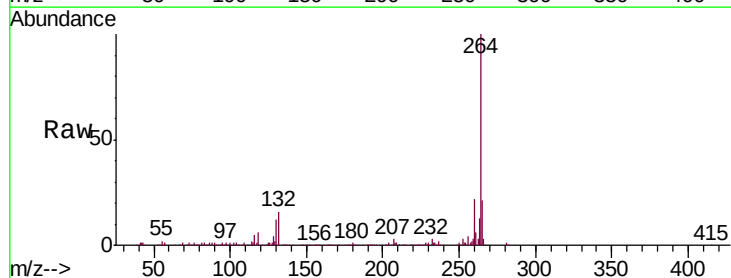
Instrument :
 BNA_F
 ClientSampleId :
 PB111438BSD

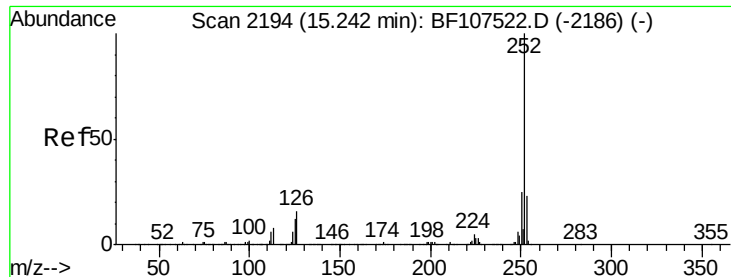
Tgt Ion:276 Resp: 652645
 Ion Ratio Lower Upper
 276 100
 138 25.4 25.0 37.6
 277 25.1 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF107693.D
 Acq: 26 Jul 2018 8:36

Tgt Ion:264 Resp: 262186
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.2 28.8
 265 21.1 17.5 26.3

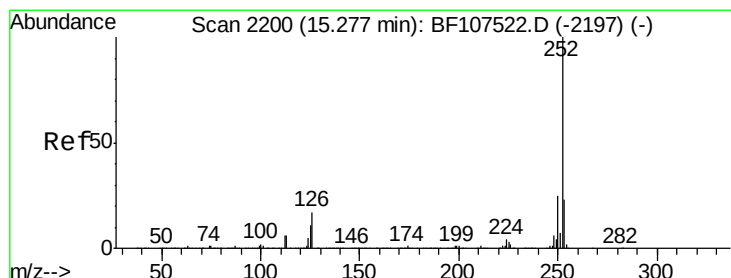
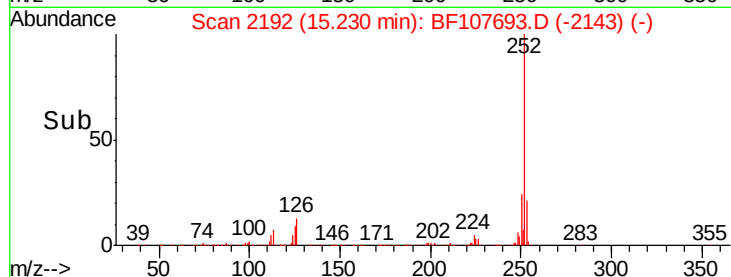
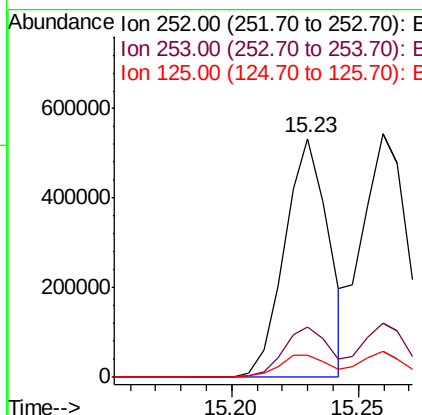
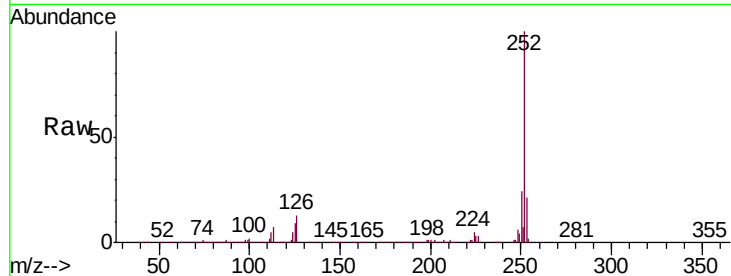




#87
Benzo(b)fluoranthene
Concen: 44.750 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF107693.D
Acq: 26 Jul 2018 8:36

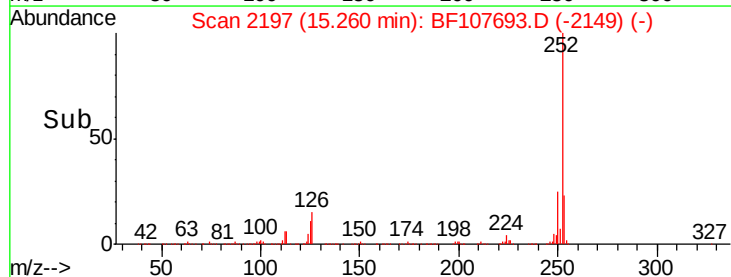
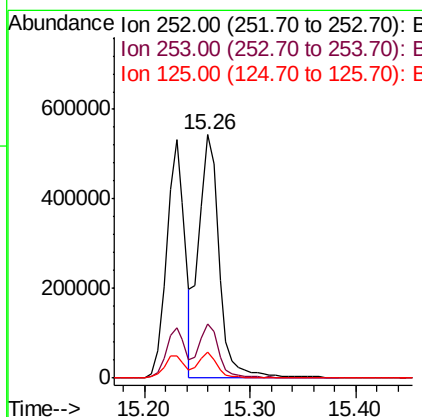
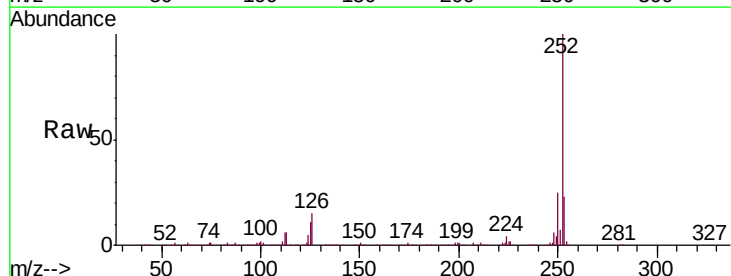
Instrument :
BNA_F
ClientSampleId :
PB111438BSD

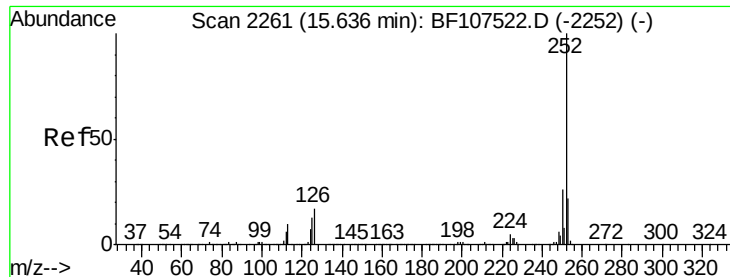
Tgt Ion:252 Resp: 642120
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 9.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 51.476 ng
RT: 15.26 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BF107693.D
Acq: 26 Jul 2018 8:36

Tgt Ion:252 Resp: 723656
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 10.7 10.2 15.2





#89

Benzo(a)pyrene

Concen: 48.434 ng

RT: 15.62 min Scan# 2259

Delta R.T. -0.01 min

Lab File: BF107693.D

Acq: 26 Jul 2018 8:36

Instrument :

BNA_F

ClientSampleId :

PB111438BSD

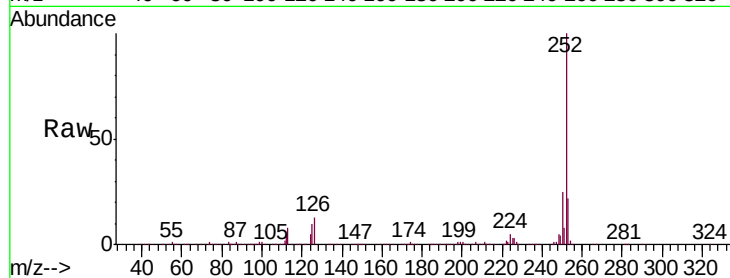
Tgt Ion:252 Resp: 635723

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

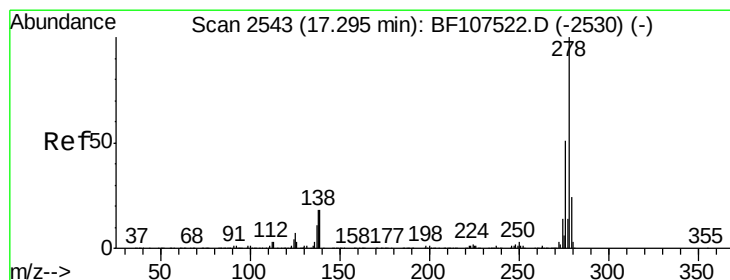
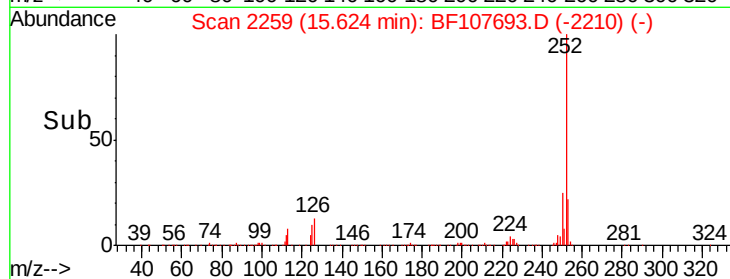
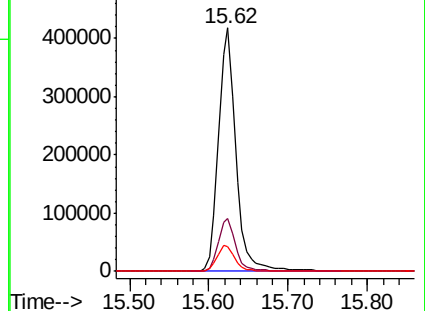
125 10.2 9.8 14.6



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: 49.227 ng

RT: 17.28 min Scan# 2540

Delta R.T. -0.02 min

Lab File: BF107693.D

Acq: 26 Jul 2018 8:36

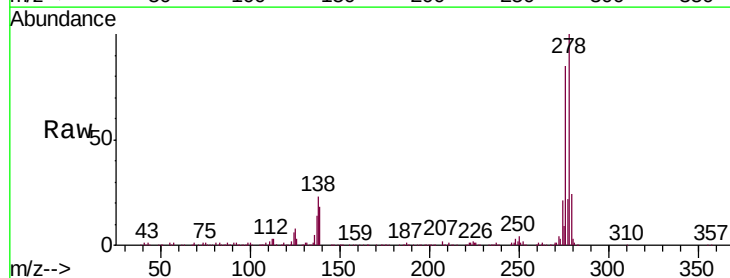
Tgt Ion:278 Resp: 558541

Ion Ratio Lower Upper

278 100

139 17.5 15.9 23.9

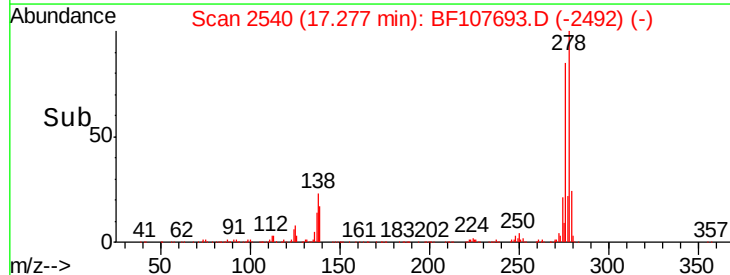
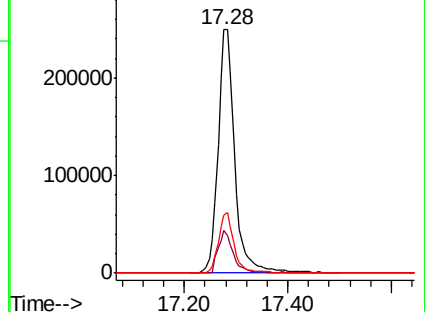
279 23.7 19.0 28.4

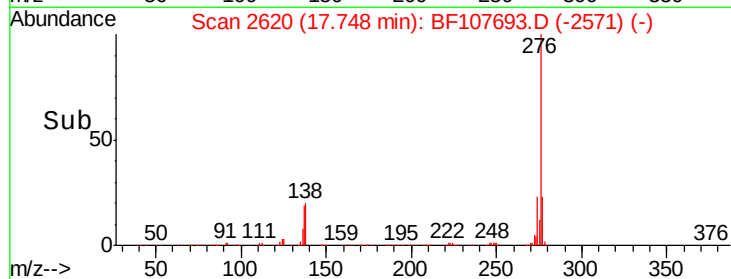
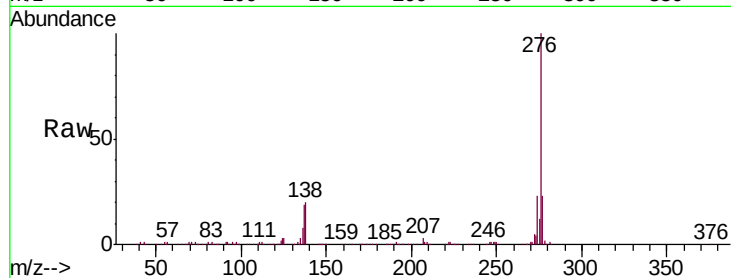
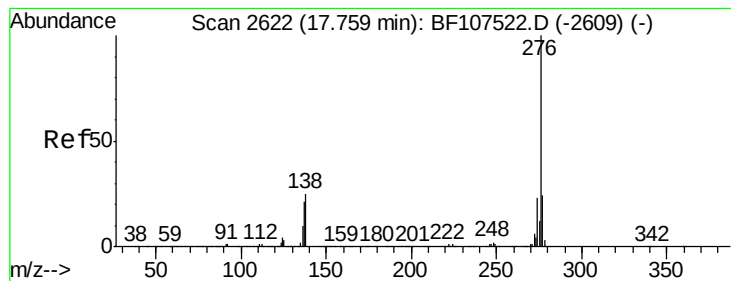


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 47.783 ng

RT: 17.75 min Scan# 2620

Delta R.T. -0.01 min

Lab File: BF107693.D

Acq: 26 Jul 2018 8:36

Instrument :

BNA_F

ClientSampleId :

PB111438BSD

Tgt Ion: 276 Resp: 534778

Ion Ratio Lower Upper

276 100

277 22.9 17.9 26.9

138 20.0 21.8 32.8#

