

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107520.D
 Acq On : 20 Jul 2018 13:18
 Operator : JU/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 20 14:37:26 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 14:36:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	351866	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1399988	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	644761	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	1265164	20.00	ng	0.00
75) Chrysene-d12	14.16	240	1067123	20.00	ng	0.00
86) Perylene-d12	15.70	264	1062517	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	468486	20.22	ng	0.00
7) Phenol-d6	6.60	99	636728	21.26	ng	-0.01
23) Nitrobenzene-d5	7.54	82	399307	15.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	176210	31.11	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1155689	25.76	ng	0.00
78) Terphenyl-d14	13.10	244	1139787	26.54	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.87	88	107582	9.406	ng	# 78
3) Pyridine	3.64	79	289170	9.373	ng	# 83
4) n-Nitrosodimethylamine	3.60	42	117475	9.273	ng	# 88
6) Aniline	6.64	93	397432	10.037	ng	# 88
8) 2-Chlorophenol	6.76	128	276578	11.804	ng	94
9) Benzaldehyde	6.53	77	231201	9.595	ng	97
10) Phenol	6.61	94	359843	11.205	ng	92
11) bis(2-Chloroethyl)ether	6.70	93	273881	10.451	ng	89
12) 1,3-Dichlorobenzene	6.91	146	314654	11.061	ng	96
13) 1,4-Dichlorobenzene	6.99	146	318800	11.306	ng	98
14) 1,2-Dichlorobenzene	7.14	146	302850	11.479	ng	98
15) Benzyl Alcohol	7.11	79	211852	7.042	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	536889	19.199	ng	94
17) 2-Methylphenol	7.22	107	233045	10.461	ng	97
18) Hexachloroethane	7.48	117	108463	10.338	ng	96
19) n-Nitroso-di-n-propylamine	7.37	70	210202	9.801	ng	90
20) 3+4-Methylphenols	7.38	107	303442	10.723	ng	# 43
22) Acetophenone	7.38	105	420349	10.928	ng	# 88
24) Nitrobenzene	7.55	77	245834	8.332	ng	94
25) Isophorone	7.79	82	525406	10.096	ng	99
26) 2-Nitrophenol	7.87	139	64561	6.437	ng	94
27) 2,4-Dimethylphenol	7.91	122	213304	10.199	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	359551	11.032	ng	98
29) 2,4-Dichlorophenol	8.11	162	228253	10.487	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	259393	9.842	ng	98
31) Naphthalene	8.28	128	782544	11.508	ng	99
32) Benzoic acid	7.99	122	47117	3.671	ng	96
33) 4-Chloroaniline	8.33	127	350302	11.895	ng	98
34) Hexachlorobutadiene	8.39	225	153879	8.726	ng	98
35) Caprolactam	8.68	113	69298	9.788	ng	# 64
36) 4-Chloro-3-methylphenol	8.81	107	255724	8.992	ng	95
37) 2-Methylnaphthalene	8.97	142	538399	12.011	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	260910	10.399	ng	99
40) Hexachlorocyclopentadiene	9.12	237	94034	7.176	ng	99

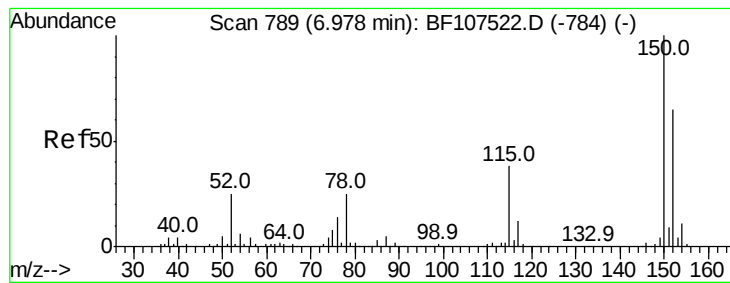
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107520.D
 Acq On : 20 Jul 2018 13:18
 Operator : JU/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 20 14:37:26 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 14:36:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	160570	10.252	ng	98
43) 2,4,5-Trichlorophenol	9.30	196	166460	11.110	ng	97
45) 1,1'-Biphenyl	9.43	154	728148	13.062	ng	99
46) 2-Chloronaphthalene	9.46	162	537755	12.214	ng	99
47) 2-Nitroaniline	9.56	65	93365	6.929	ng	# 78
48) Acenaphthylene	9.88	152	842200	13.707	ng	99
49) Dimethylphthalate	9.72	163	594592	11.607	ng	100
50) 2,6-Dinitrotoluene	9.80	165	87832	8.985	ng	# 80
51) Acenaphthene	10.05	154	506614	12.437	ng	97
52) 3-Nitroaniline	9.97	138	104662	10.193	ng	# 90
53) 2,4-Dinitrophenol	10.08	184	12483	3.625	ng	# 33
54) Dibenzofuran	10.22	168	776188	12.331	ng	99
55) 4-Nitrophenol	10.14	139	71238	8.574	ng	92
56) 2,4-Dinitrotoluene	10.20	165	98727	7.748	ng	88
57) Fluorene	10.57	166	574570	13.782	ng	95
58) 2,3,4,6-Tetrachlorophenol	10.34	232	135043	9.305	ng	94
59) Diethylphthalate	10.42	149	639497	12.849	ng	99
60) 4-Chlorophenyl-phenylether	10.55	204	305745	12.313	ng	95
61) 4-Nitroaniline	10.59	138	103428	10.585	ng	95
62) Azobenzene	10.72	77	644072	11.020	ng	94
64) 4,6-Dinitro-2-methylphenol	10.61	198	26375	4.376	ng	90
65) n-Nitrosodiphenylamine	10.67	169	537827	13.460	ng	99
66) 4-Bromophenyl-phenylether	11.05	248	177964	12.295	ng	89
67) Hexachlorobenzene	11.11	284	197946	14.774	ng	# 90
68) Atrazine	11.20	200	157318	10.418	ng	94
69) Pentachlorophenol	11.31	266	99503	10.049	ng	98
70) Phenanthrene	11.54	178	809712	12.842	ng	99
71) Anthracene	11.58	178	817052	13.011	ng	100
72) Carbazole	11.74	167	845630	14.223	ng	100
73) Di-n-butylphthalate	12.06	149	994482	14.555	ng	99
74) Fluoranthene	12.72	202	869443	12.132	ng	99
76) Benzidine	12.85	184	408337	9.860	ng	98
77) Pyrene	12.96	202	913792	12.593	ng	97
79) Butylbenzylphthalate	13.57	149	349821	13.234	ng	99
80) Benzo(a)anthracene	14.15	228	752146	11.520	ng	99
81) 3,3'-Dichlorobenzidine	14.11	252	276207	12.613	ng	# 97
82) Chrysene	14.19	228	754420	12.096	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	553271	14.607	ng	98
84) Di-n-octyl phthalate	14.75	149	867873	14.739	ng	99
85) Indeno(1,2,3-cd)pyrene	17.27	276	614951	13.851	ng	96
87) Benzo(b)fluoranthene	15.24	252	668339	10.747	ng	99
88) Benzo(k)fluoranthene	15.27	252	654752	10.788	ng	97
89) Benzo(a)pyrene	15.63	252	605135	10.601	ng	98
90) Dibenzo(a,h)anthracene	17.28	278	512474	11.896	ng	98
91) Benzo(g,h,i)perylene	17.74	276	494222	11.290	ng	98

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

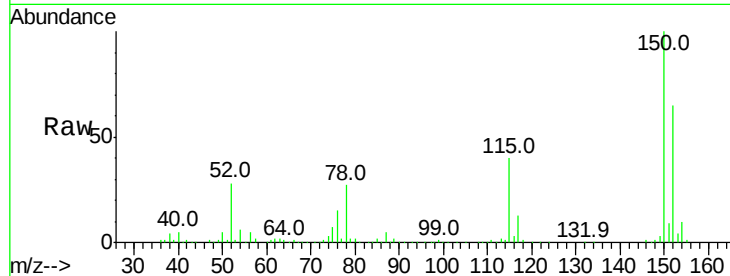


#1

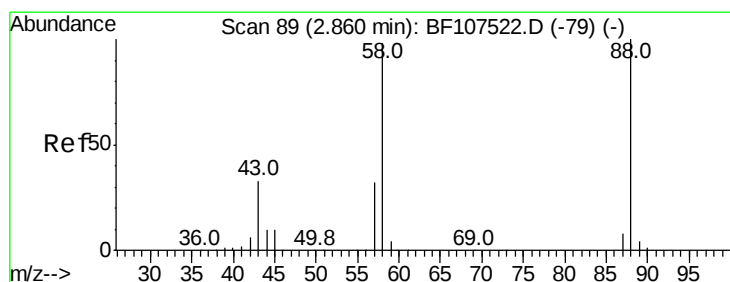
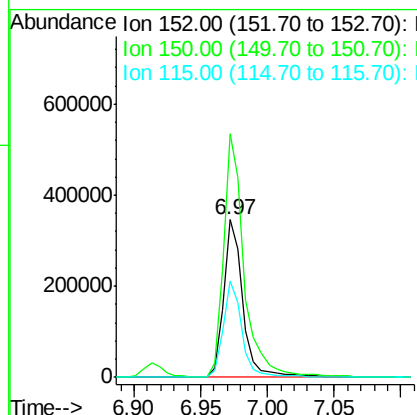
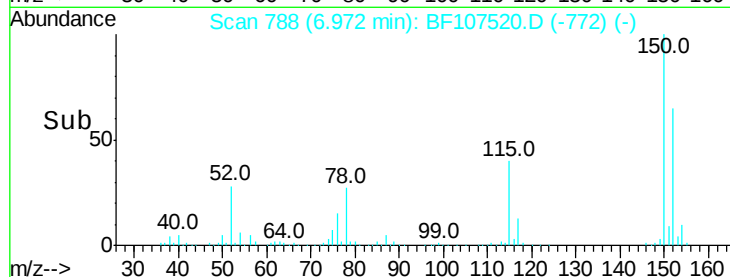
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF107520.D
 Acq: 20 Jul 2018 13:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 351866
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.6 186.8
 115 61.3 50.1 75.1



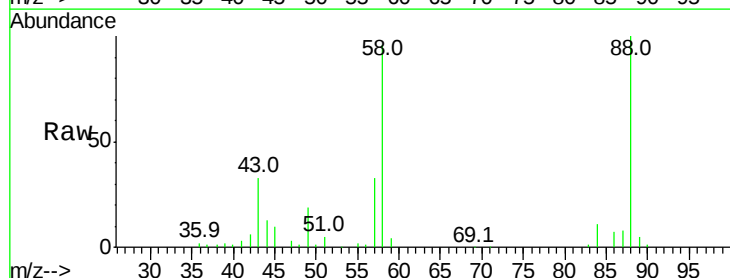
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



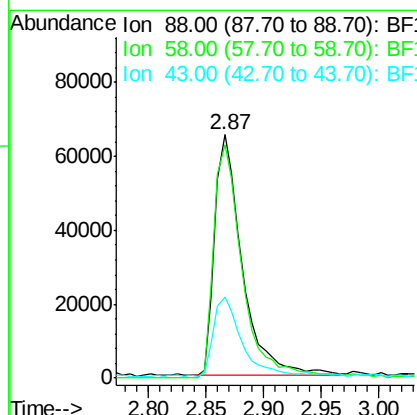
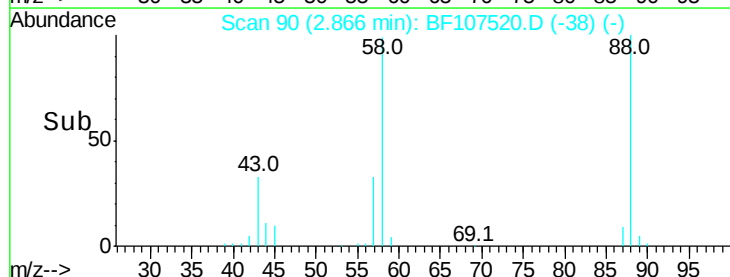
#2

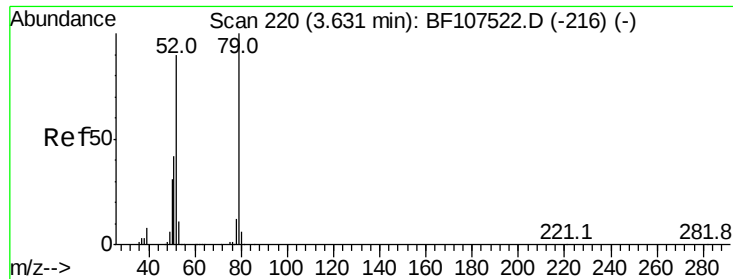
1,4-Dioxane
 Concen: 9.406 ng
 RT: 2.87 min Scan# 90
 Delta R.T. 0.01 min
 Lab File: BF107520.D
 Acq: 20 Jul 2018 13:18

Tgt Ion: 88 Resp: 107582
 Ion Ratio Lower Upper
 88 100
 58 103.2 62.6 93.8#
 43 33.0 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

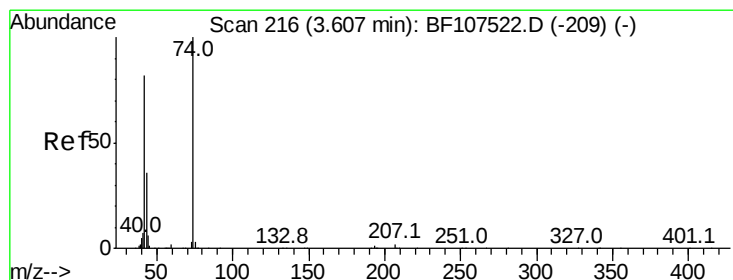
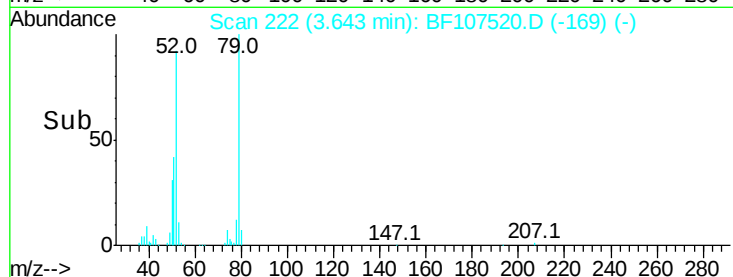
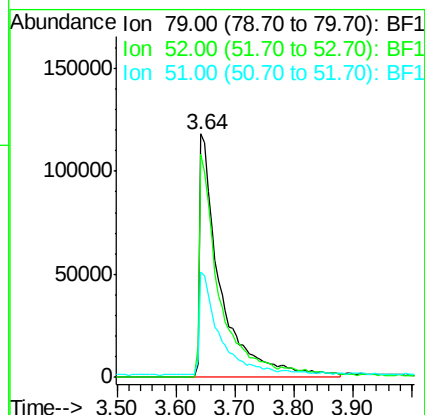
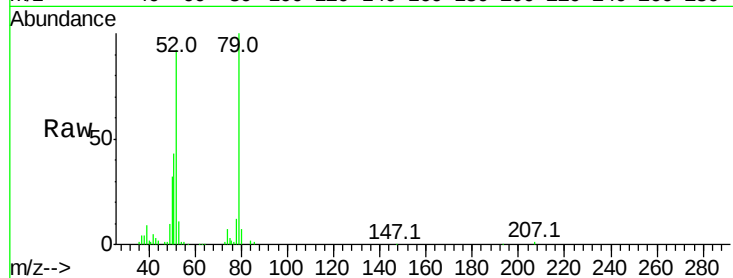




#3
 Pvridine
 Concen: 9.373 ng
 RT: 3.64 min Scan# 222
 Delta R.T. 0.01 min
 Lab File: BF107520.D
 Acq: 20 Jul 2018 13:18

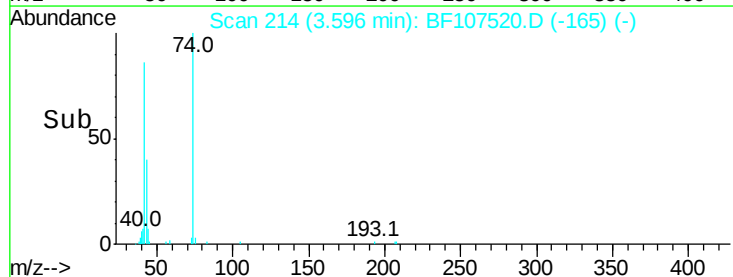
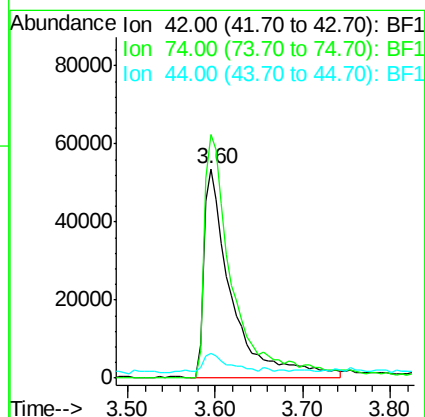
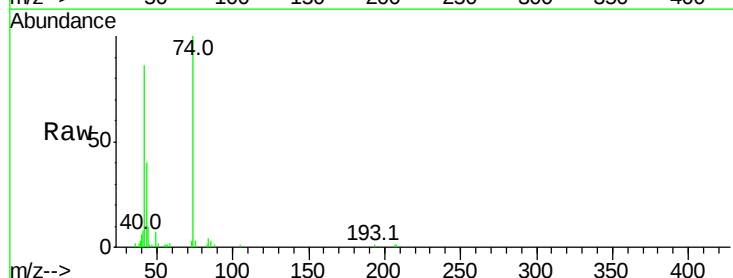
Instrument :
 BNA_F
 ClientSampleId :

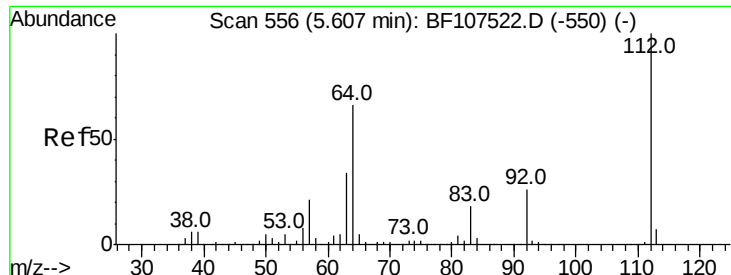
Tot Ion	Ratio	Lower	Upper
79	100		
52	91.8	59.8	89.6#
51	43.3	29.8	44.8



#4
 n-Nitrosodimethylamine
 Concen: 9.273 ng
 RT: 3.60 min Scan# 214
 Delta R.T. -0.01 min
 Lab File: BF107520.D
 Acq: 20 Jul 2018 13:18

Tgt Ion	Ratio	Lower	Upper
42	100		
74	116.2	104.9	157.3
44	11.6	6.9	10.3#





#5

2-Fluorophenol

Concen: 20.221 ng

RT: 5.60 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF107520.D

Acq: 20 Jul 2018 13:18

Instrument :
BNA_F
ClientSampled :

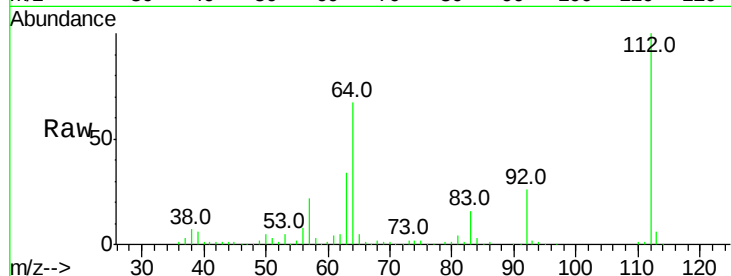
Tot Ion:112 Resp: 468486

Ion Ratio Lower Upper

112 100

64 66.8 47.9 71.9

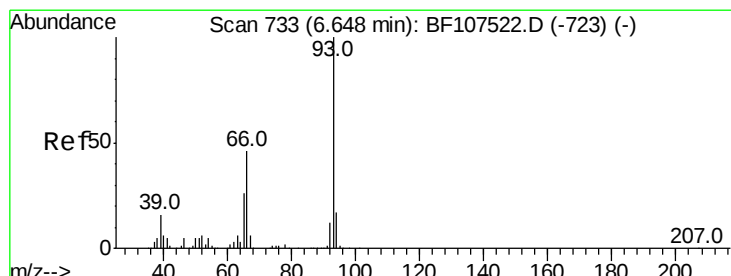
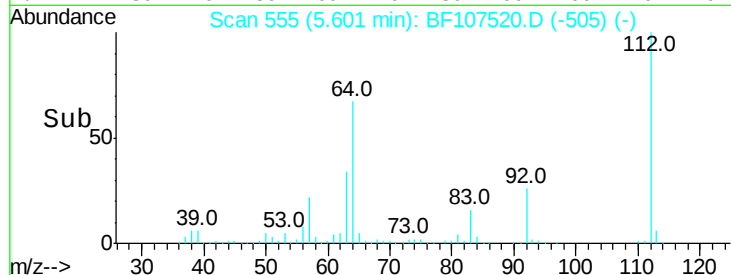
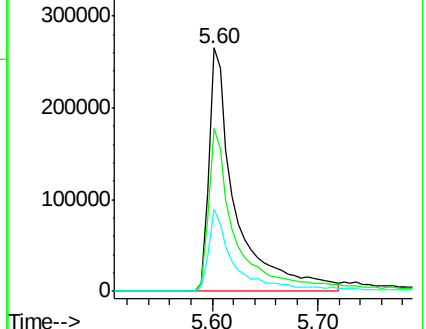
63 33.8 23.7 35.5



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: 10.037 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF107520.D

Acq: 20 Jul 2018 13:18

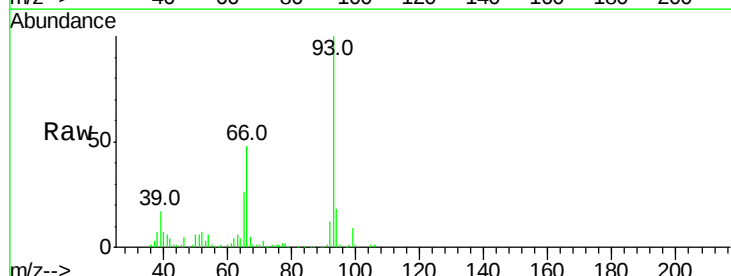
Tgt Ion: 93 Resp: 397432

Ion Ratio Lower Upper

93 100

66 48.4 32.2 48.2#

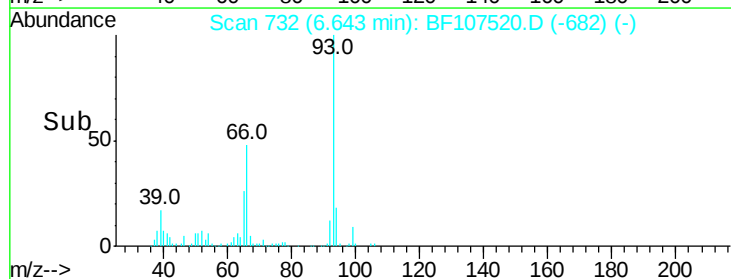
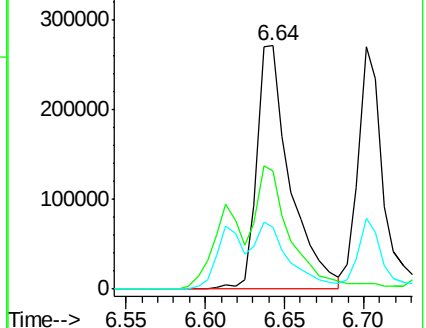
65 25.5 16.4 24.6#

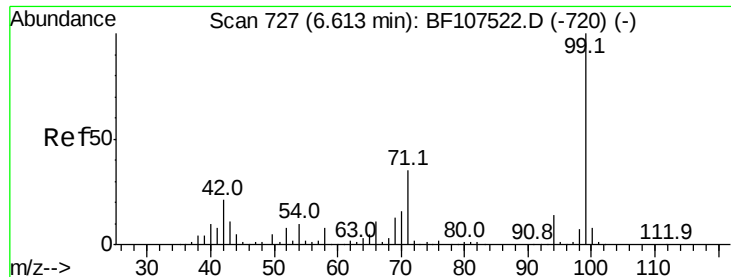


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 21.257 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107520.D

Acq: 20 Jul 2018 13:18

Instrument :

BNA_F

ClientSampleId :

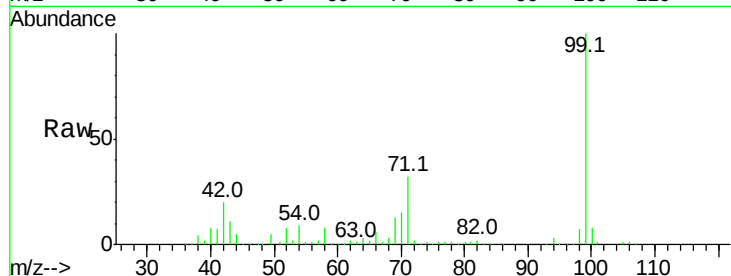
Tot Ion: 99 Resp: 636728

Ion Ratio Lower Upper

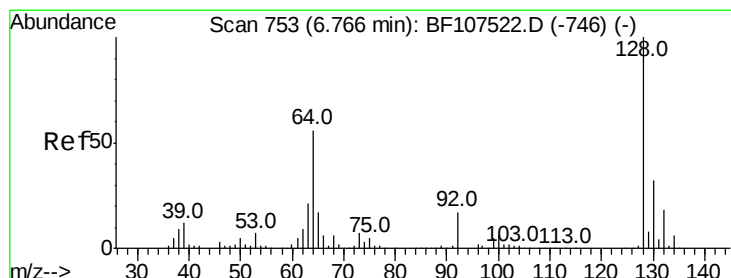
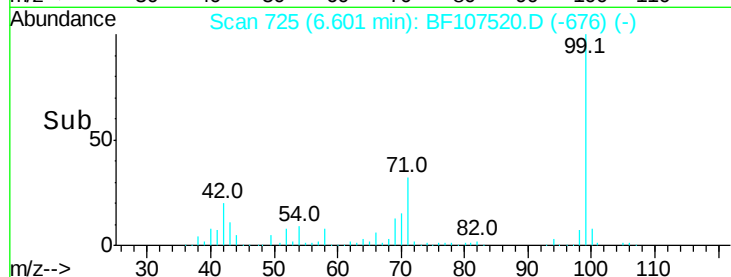
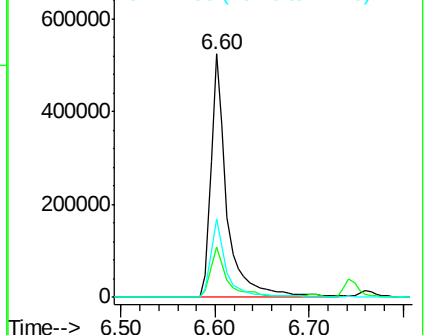
99 100

42 20.5 14.5 21.7

71 32.2 25.4 38.0



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



#8

2-Chlorophenol

Concen: 11.804 ng

RT: 6.76 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF107520.D

Acq: 20 Jul 2018 13:18

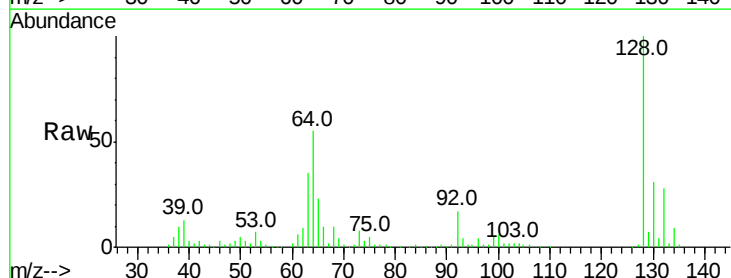
Tgt Ion: 128 Resp: 276578

Ion Ratio Lower Upper

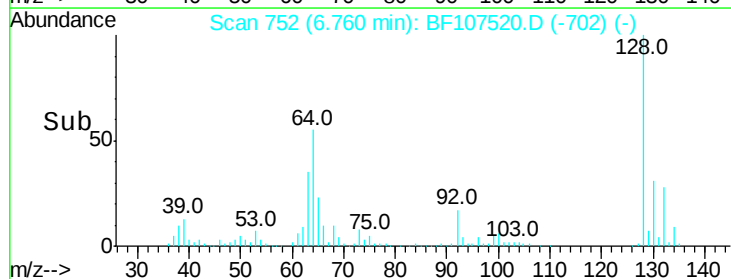
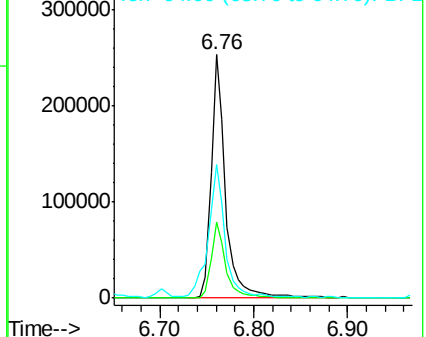
128 100

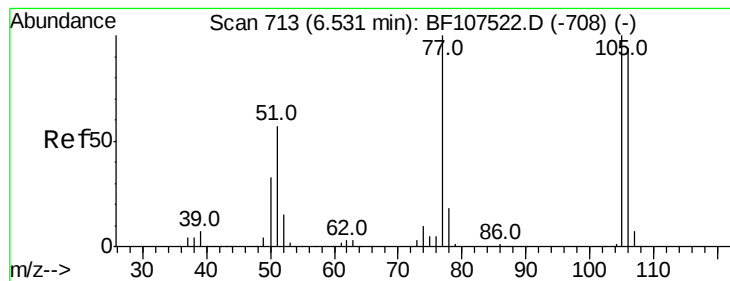
130 31.0 13.0 53.0

64 55.0 29.4 69.4



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





#9

Benzaldehyde

Concen: 9.595 ng

RT: 6.53 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF107520.D

Acq: 20 Jul 2018 13:18

Instrument :

BNA_F

ClientSampled :

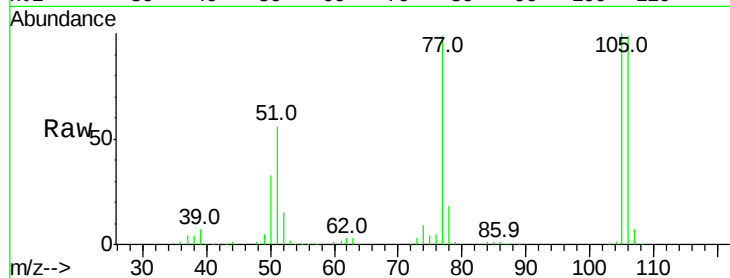
Tot Ion: 77 Resp: 231201

Ion Ratio Lower Upper

77 100

105 101.0 81.1 121.1

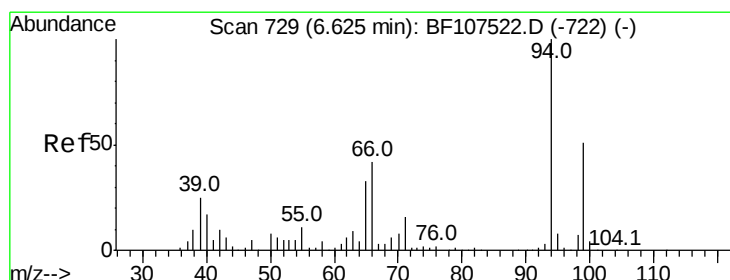
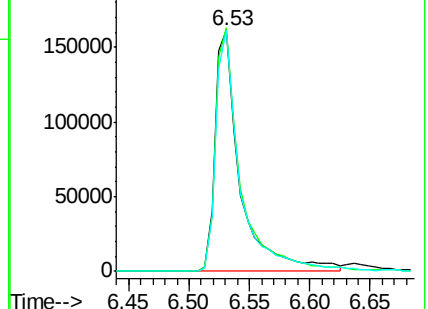
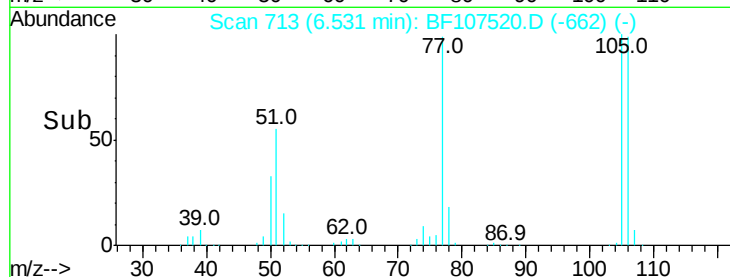
106 100.2 74.5 114.5



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: 11.205 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF107520.D

Acq: 20 Jul 2018 13:18

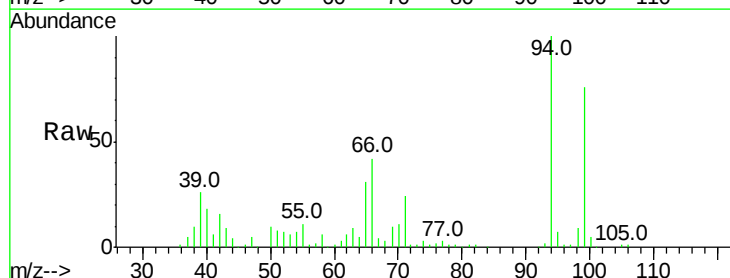
Tgt Ion: 94 Resp: 359843

Ion Ratio Lower Upper

94 100

65 31.2 7.9 47.9

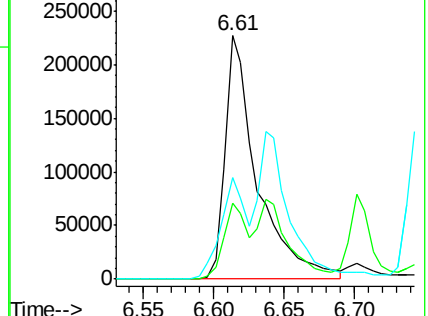
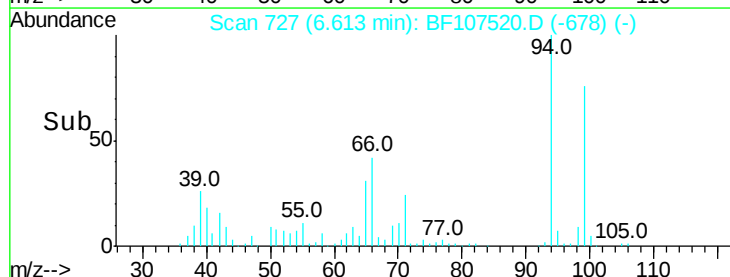
66 41.6 16.2 56.2

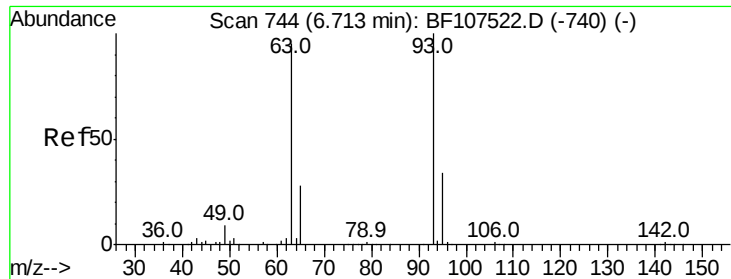


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

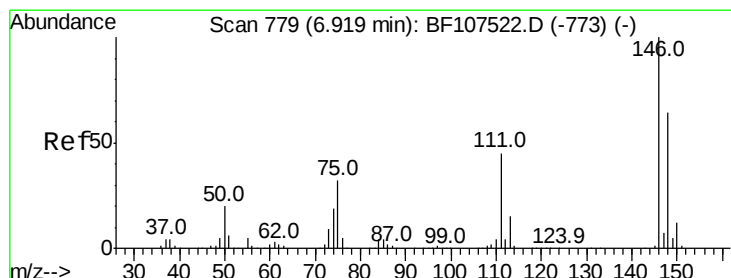
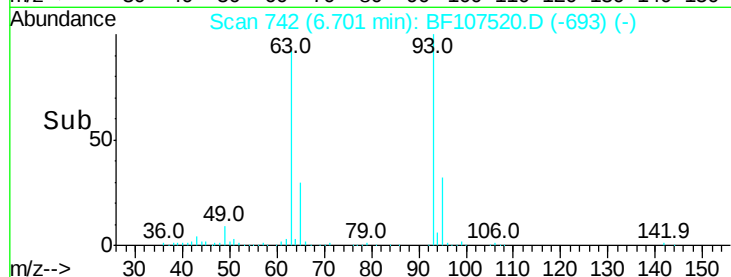
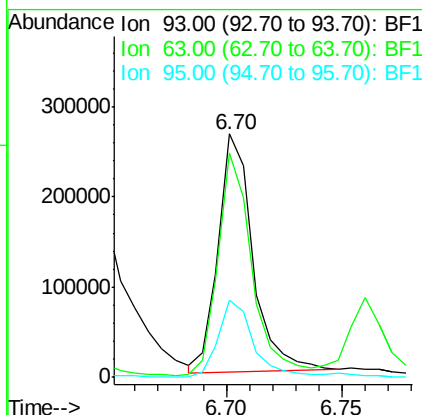
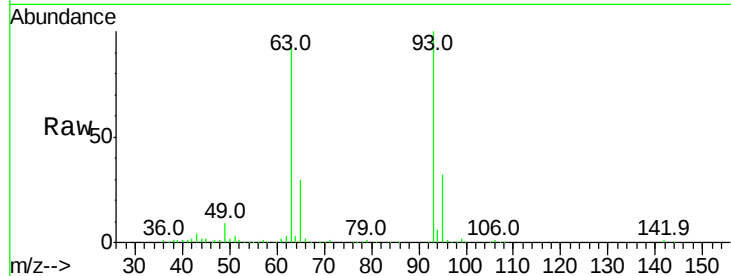




#11
 bis(2-Chloroethyl)ether
 Concen: 10.451 ng
 RT: 6.70 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF107520.D
 Acq: 20 Jul 2018 13:18

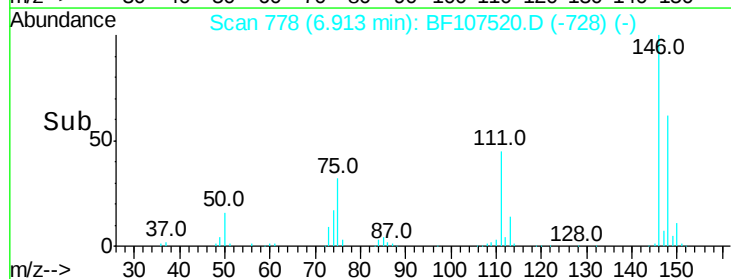
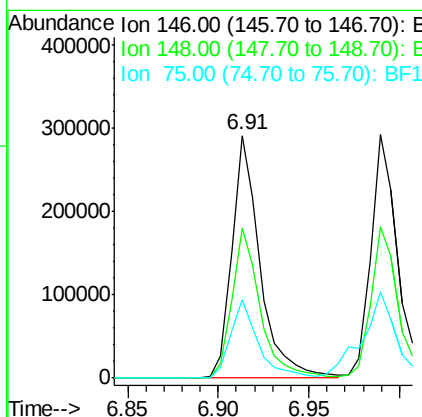
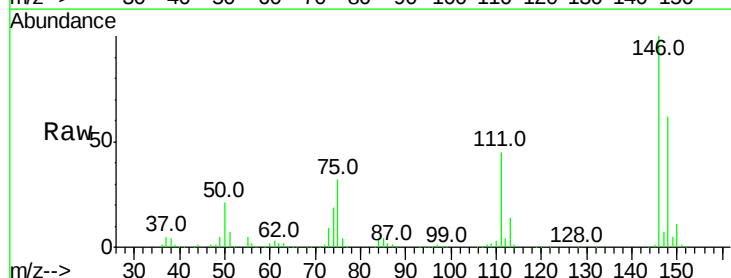
Instrument :
 BNA_F
 ClientSampleId :

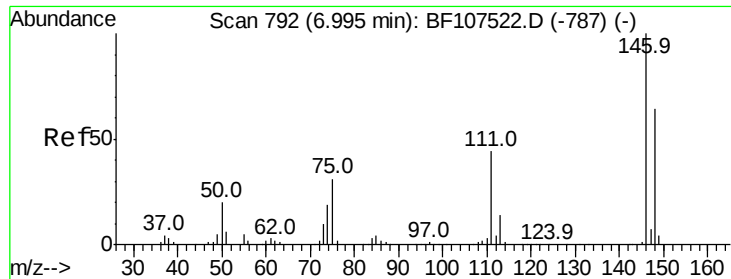
Tot Ion: 93 Resp: 273881
 Ion Ratio Lower Upper
 93 100
 63 92.0 58.6 98.6
 95 31.7 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 11.061 ng
 RT: 6.91 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF107520.D
 Acq: 20 Jul 2018 13:18

Tgt Ion: 146 Resp: 314654
 Ion Ratio Lower Upper
 146 100
 148 61.8 51.8 77.8
 75 32.4 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 11.306 ng

RT: 6.99 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF107520.D

Acq: 20 Jul 2018 13:18

Instrument :

BNA_F

ClientSampleId :

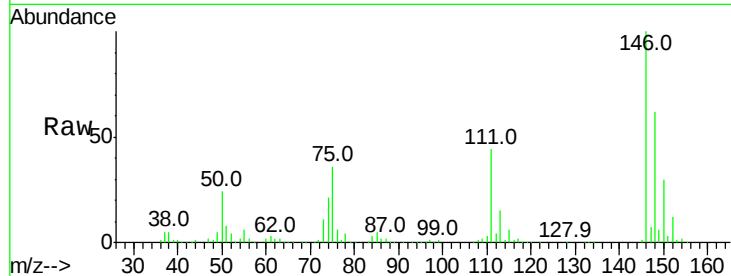
Tot Ion:146 Resp: 318800

Ion Ratio Lower Upper

146 100

148 62.3 50.8 76.2

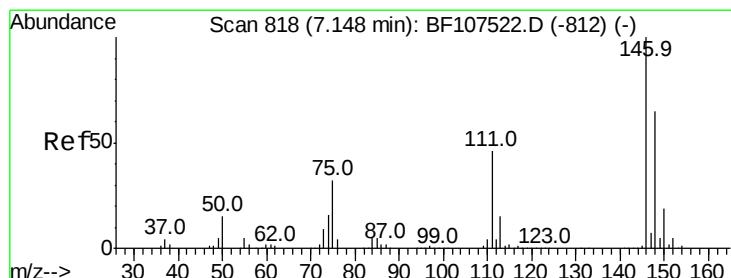
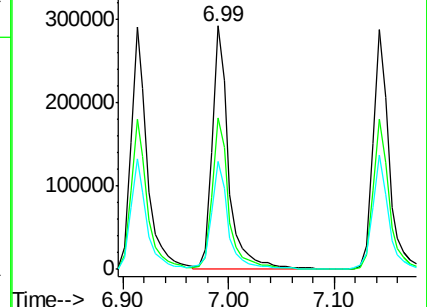
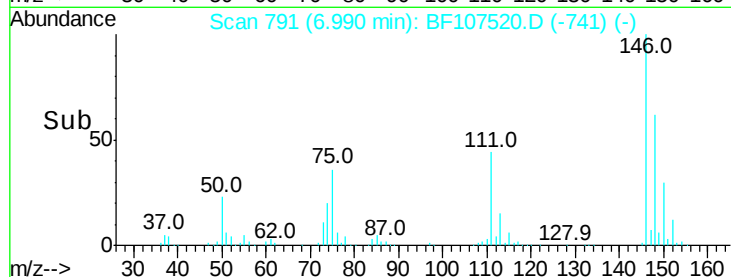
111 44.2 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 11.479 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF107520.D

Acq: 20 Jul 2018 13:18

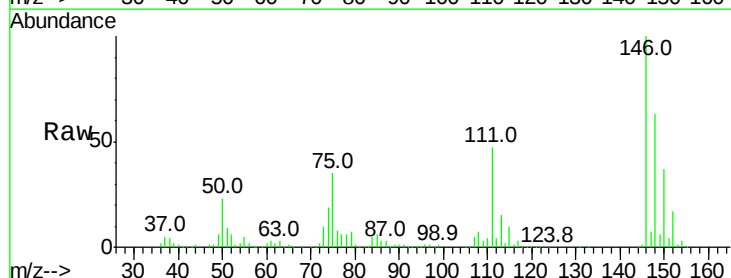
Tgt Ion:146 Resp: 302850

Ion Ratio Lower Upper

146 100

148 62.6 50.6 75.8

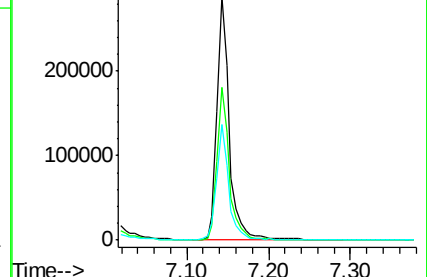
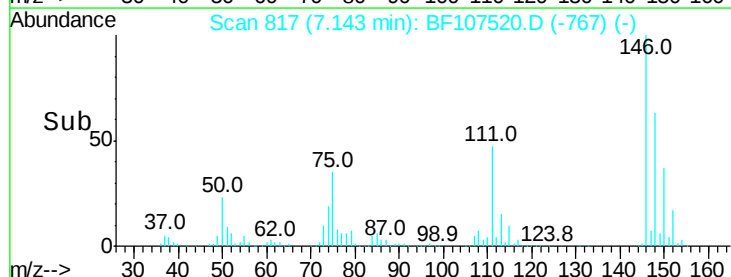
111 47.3 36.0 54.0

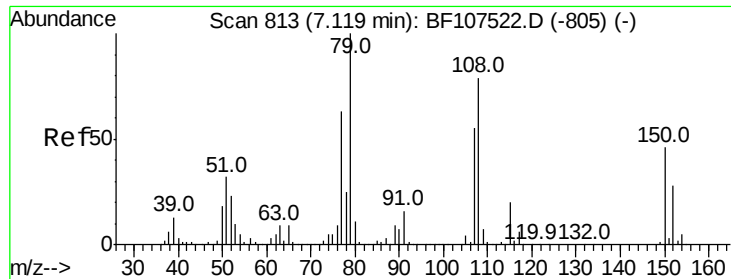


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

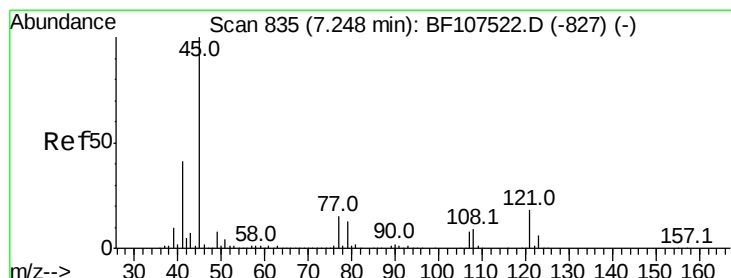
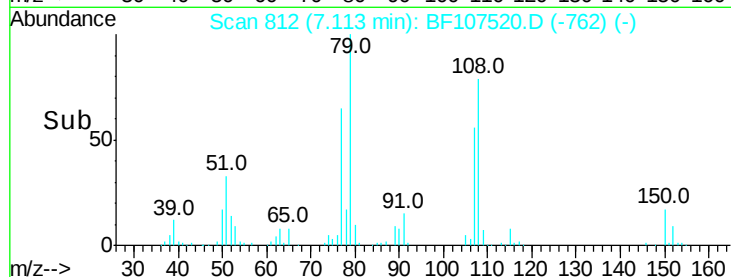
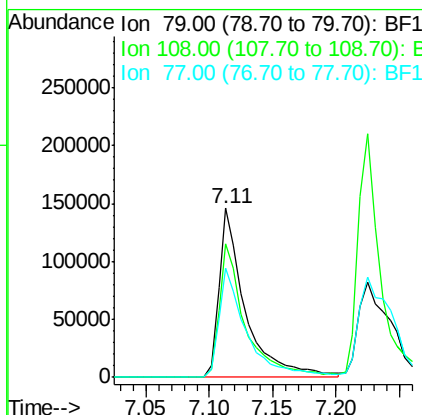
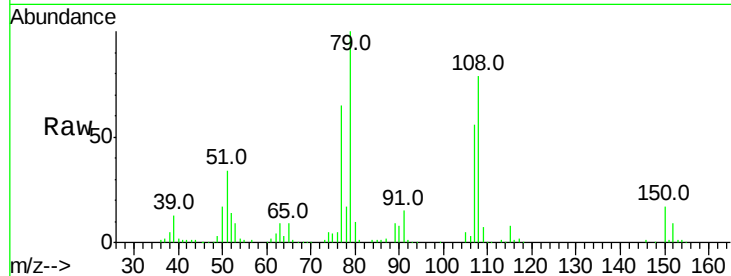




#15
Benzyl Alcohol
Concen: 7.042 ng
RT: 7.11 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF107520.D
Acq: 20 Jul 2018 13:18

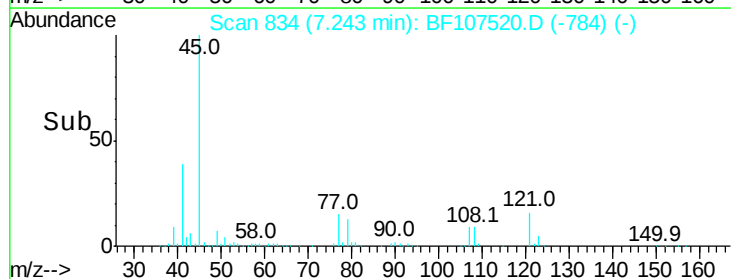
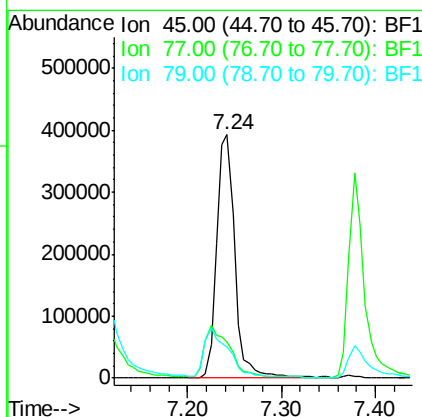
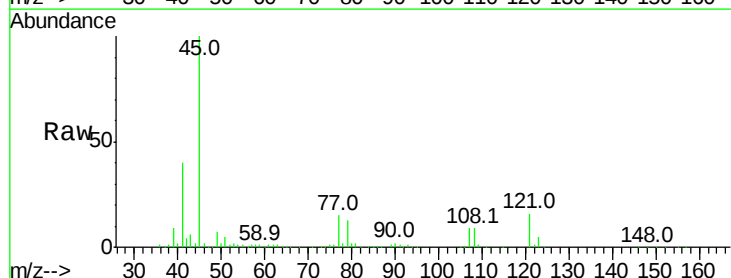
Instrument :
BNA_F
ClientSampled :

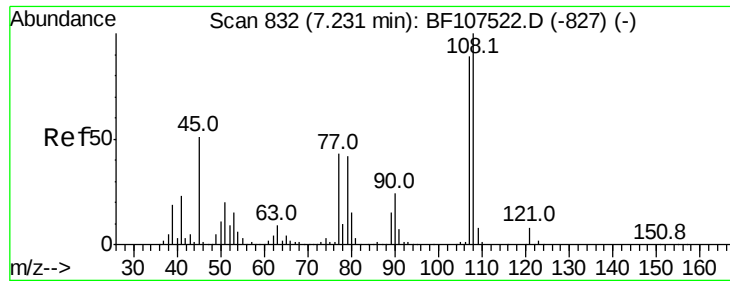
Tot Ion: 79 Resp: 211852
Ion Ratio Lower Upper
79 100
108 79.0 65.1 97.7
77 65.0 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 19.199 ng
RT: 7.24 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF107520.D
Acq: 20 Jul 2018 13:18

Tgt Ion: 45 Resp: 536889
Ion Ratio Lower Upper
45 100
77 14.8 0.0 32.9
79 12.6 0.0 29.6

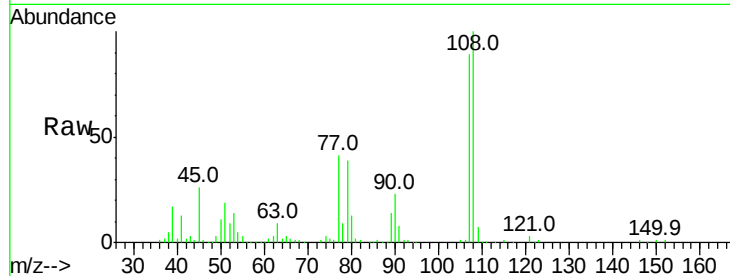




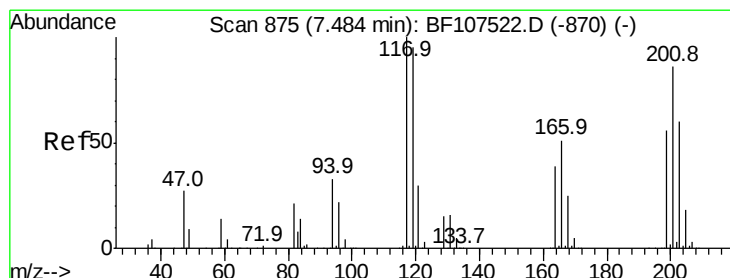
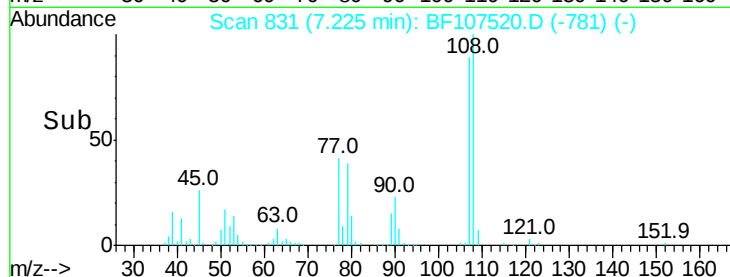
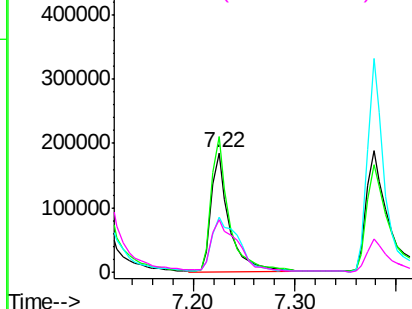
#17
2-Methylphenol
Concen: 10.461 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF107520.D
Acq: 20 Jul 2018 13:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	233045
Ion	Ratio	Lower	Upper
107	100		
108	112.9	91.7	137.5
77	46.3	33.8	50.8
79	44.0	33.8	50.8

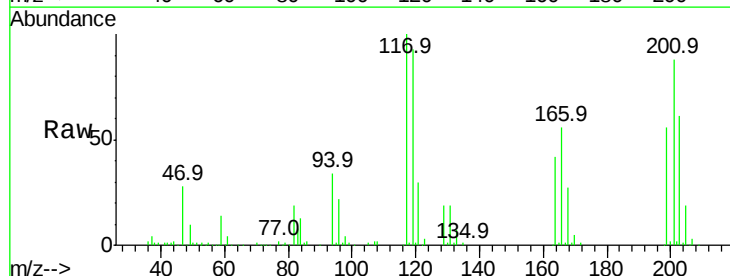


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

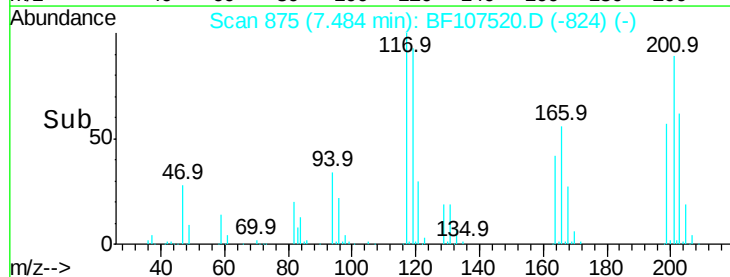
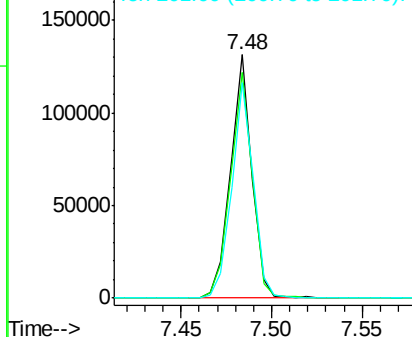


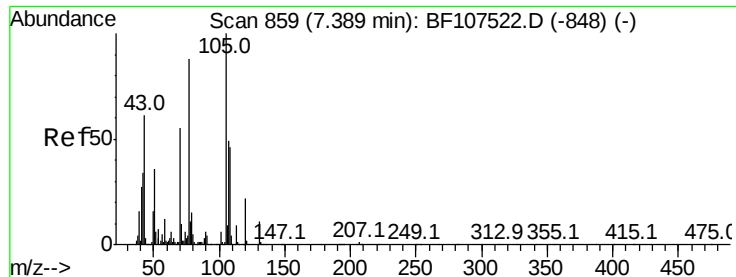
#18
Hexachloroethane
Concen: 10.338 ng
RT: 7.48 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF107520.D
Acq: 20 Jul 2018 13:18

Tgt Ion:	117	Resp:	108463
Ion	Ratio	Lower	Upper
117	100		
119	92.9	75.8	113.8
201	88.2	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

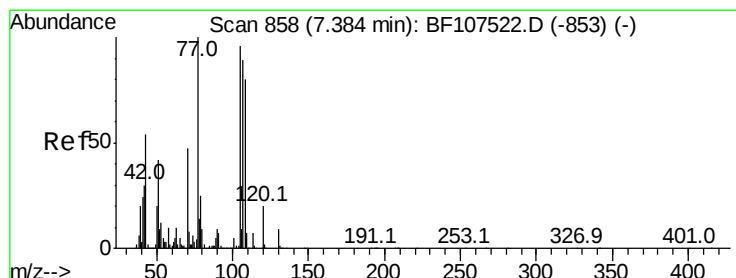
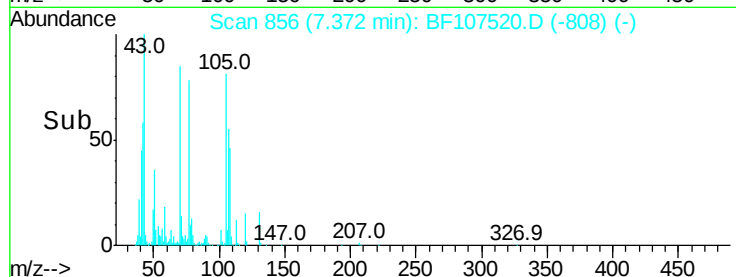
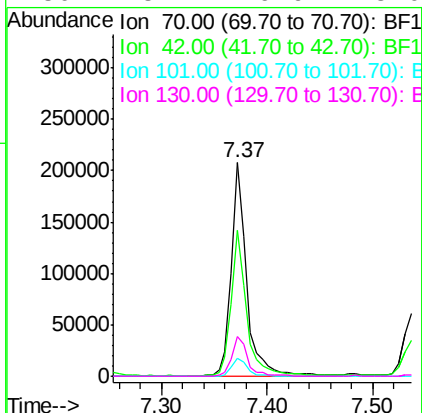
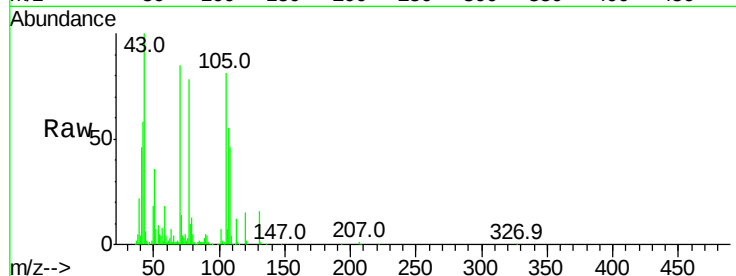




#19
n-Nitroso-di-n-propylamine
Concen: 9.801 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.02 min
Lab File: BF107520.D
Acq: 20 Jul 2018 13:18

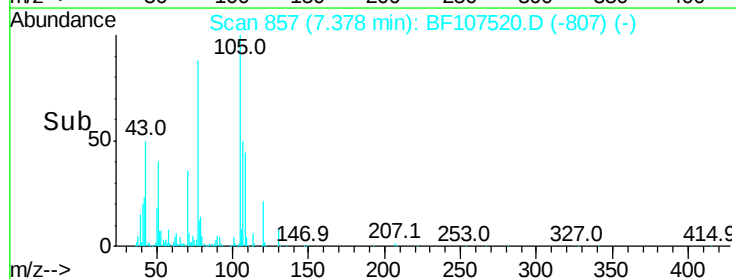
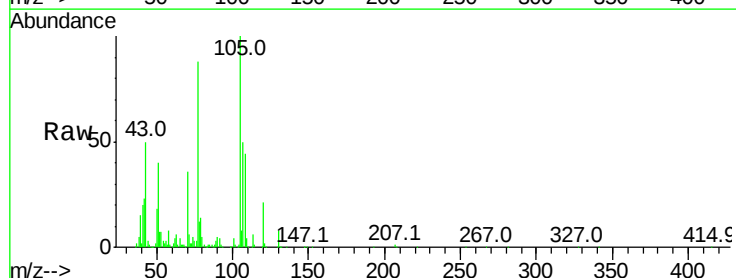
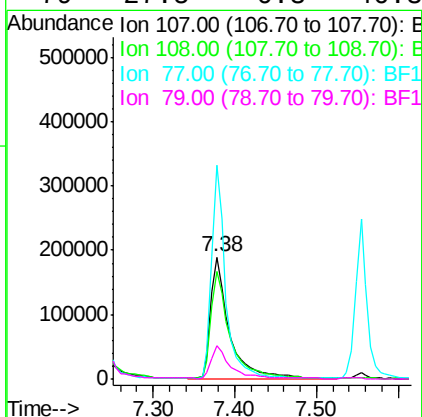
Instrument :
BNA_F
ClientSampleId :

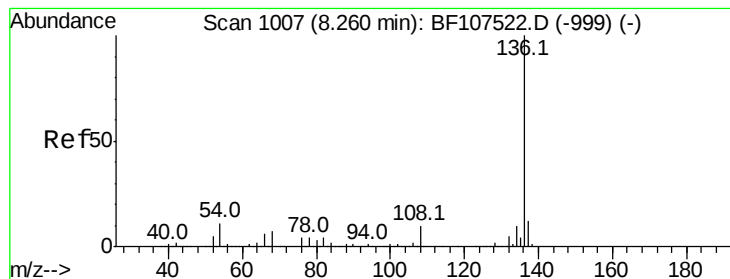
Tot Ion	Ratio	Lower	Upper
70	100		
42	68.6	47.5	71.3
101	8.4	7.4	11.2
130	18.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 10.723 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107520.D
Acq: 20 Jul 2018 13:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.0	68.2	108.2
77	175.5	26.7	66.7#
79	27.5	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF107520.D

Acq: 20 Jul 2018 13:18

Instrument :

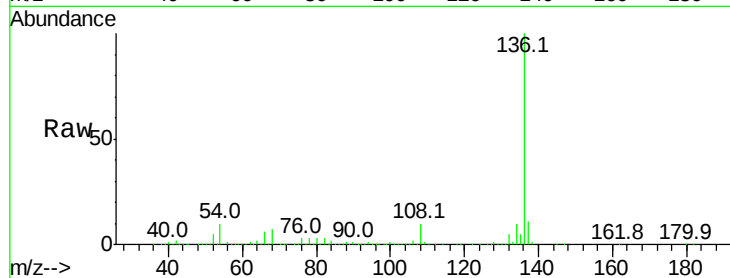
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1399988

Ion Ratio Lower Upper

136	100		
137	11.4	8.9	13.3
54	10.2	6.6	9.8#
68	6.6	5.0	7.4

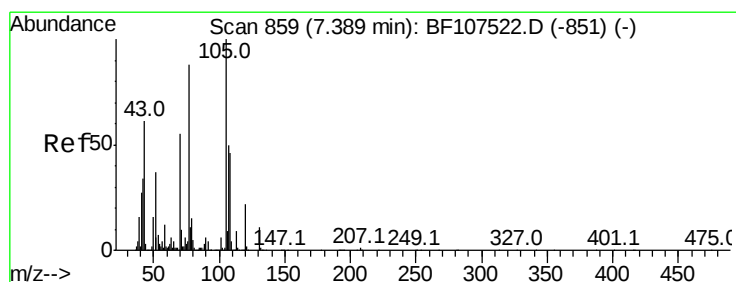
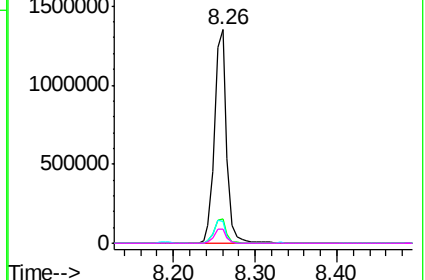
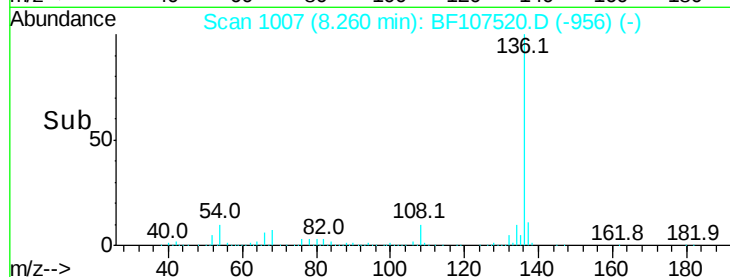


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 10.928 ng

RT: 7.38 min Scan# 857

Delta R.T. -0.01 min

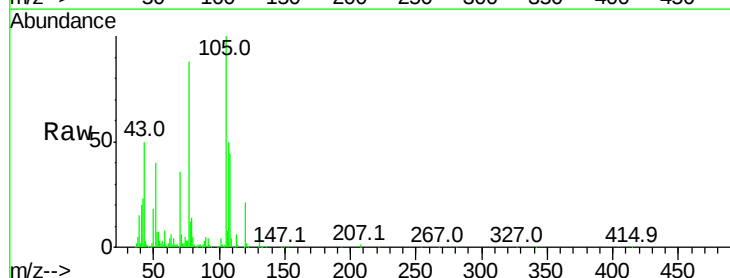
Lab File: BF107520.D

Acq: 20 Jul 2018 13:18

Tgt Ion:105 Resp: 420349

Ion Ratio Lower Upper

105	100		
71	5.5	4.4	6.6
51	40.0	22.3	33.5#
120	20.8	16.9	25.3

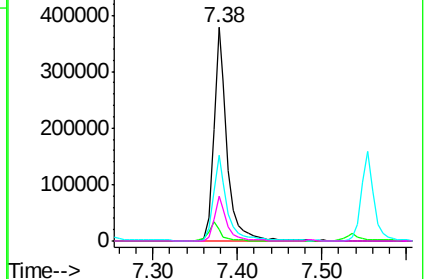
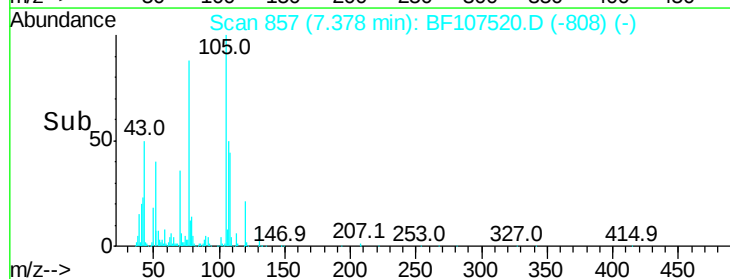


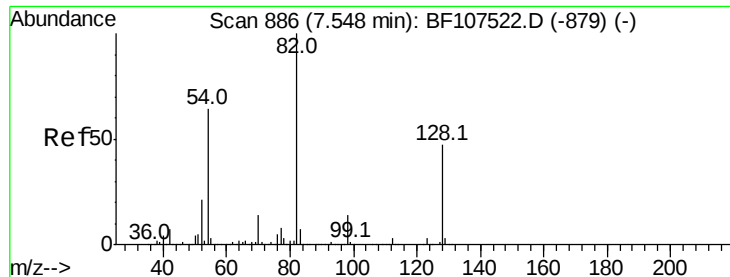
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

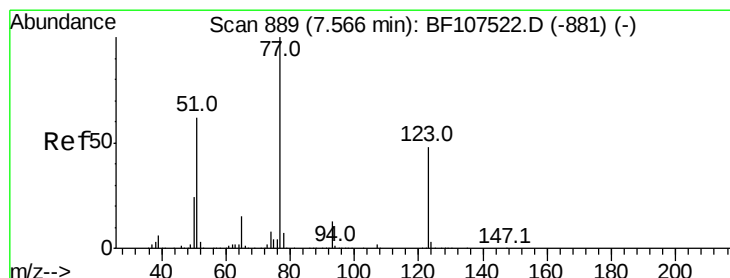
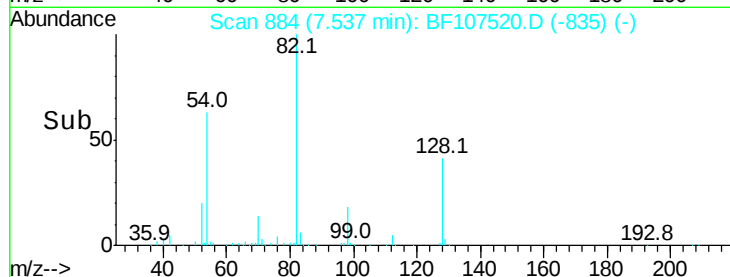
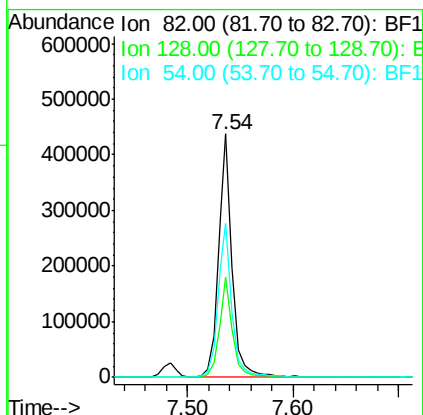
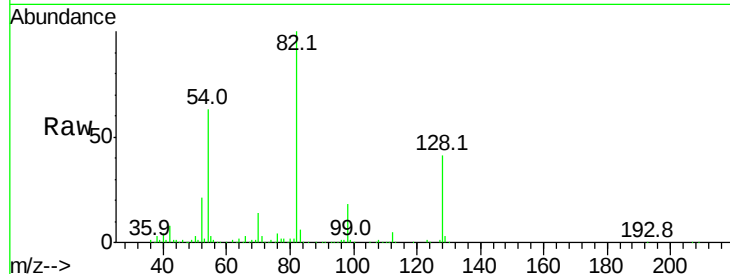




#23
Nitrobenzene-d5
Concen: 15.209 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107520.D
Acq: 20 Jul 2018 13:18

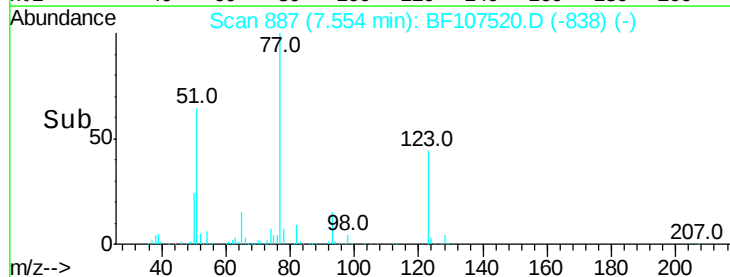
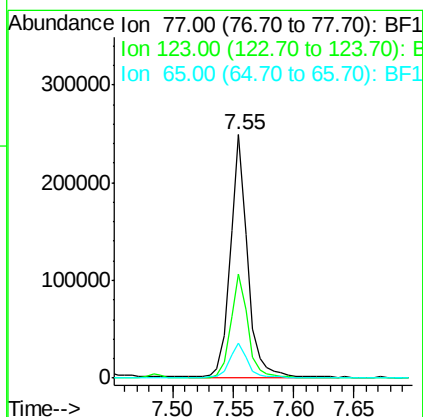
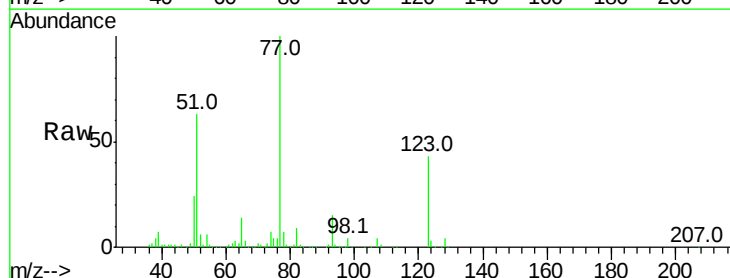
Instrument :
BNA_F
ClientSampled :

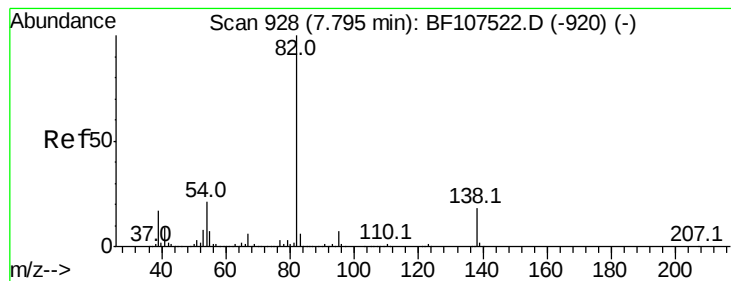
Tot Ion: 82 Resp: 399307
Ion Ratio Lower Upper
82 100
128 41.3 36.1 54.1
54 63.1 41.4 62.2#



#24
Nitrobenzene
Concen: 8.332 ng
RT: 7.55 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF107520.D
Acq: 20 Jul 2018 13:18

Tgt Ion: 77 Resp: 245834
Ion Ratio Lower Upper
77 100
123 42.9 37.9 56.9
65 14.4 11.0 16.4





#25

Isophorone

Concen: 10.096 ng

RT: 7.79 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF107520.D

Acq: 20 Jul 2018 13:18

Instrument :

BNA_F

ClientSampleId :

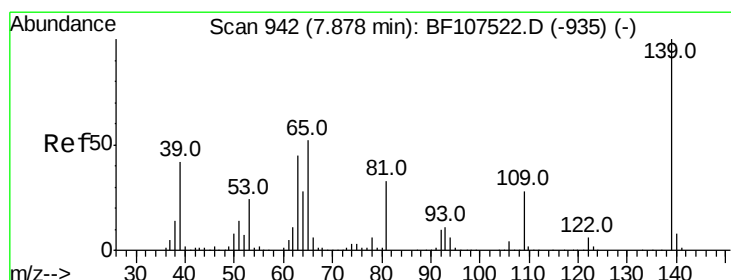
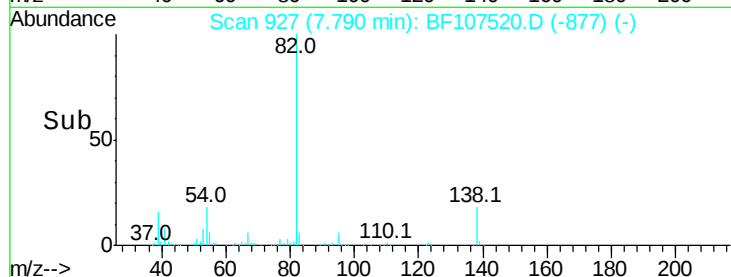
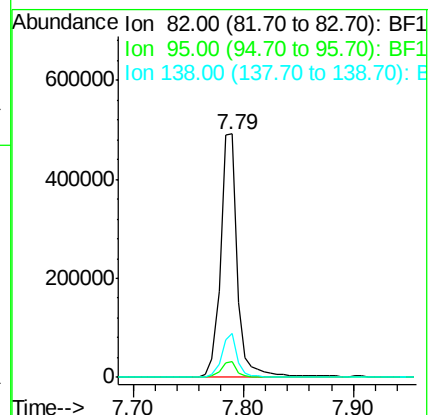
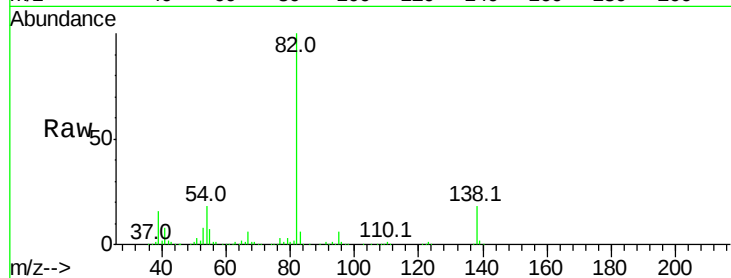
Tot Ion: 82 Resp: 525406

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 17.9 14.9 22.3



#26

2-Nitrophenol

Concen: 6.437 ng

RT: 7.87 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF107520.D

Acq: 20 Jul 2018 13:18

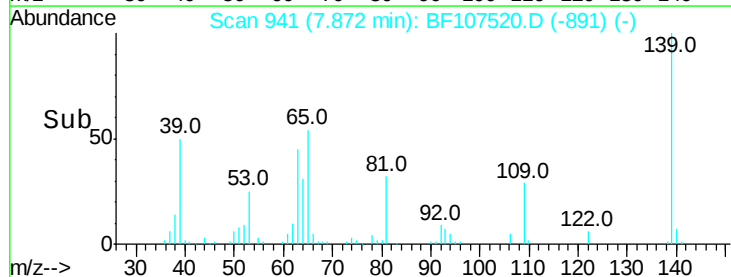
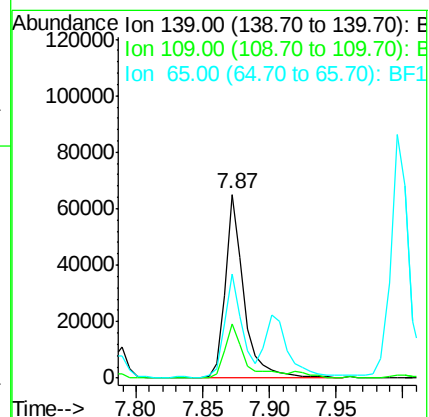
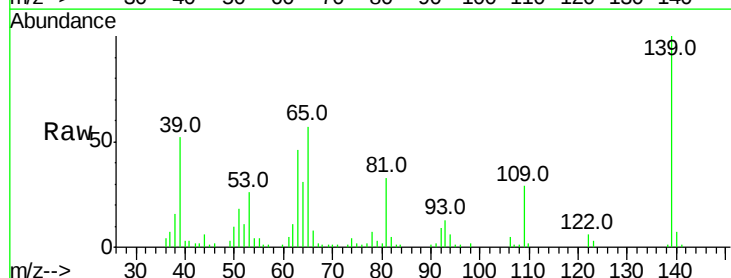
Tgt Ion: 139 Resp: 64561

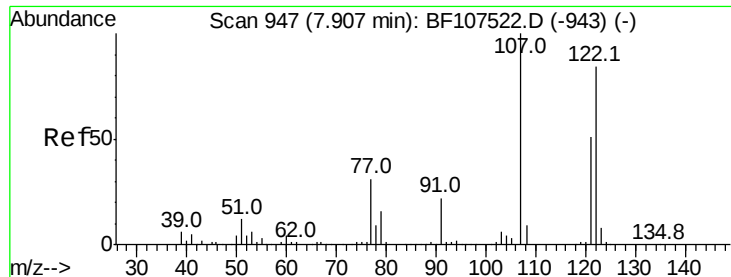
Ion Ratio Lower Upper

139 100

109 29.3 22.7 34.1

65 56.9 40.5 60.7

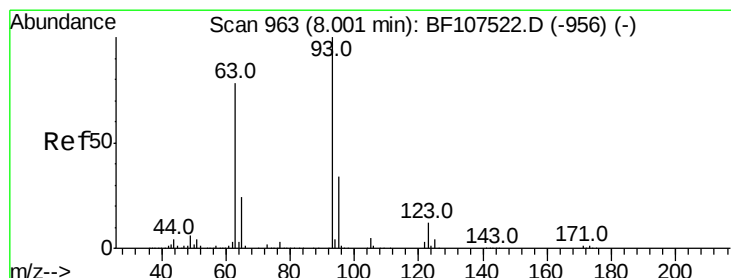
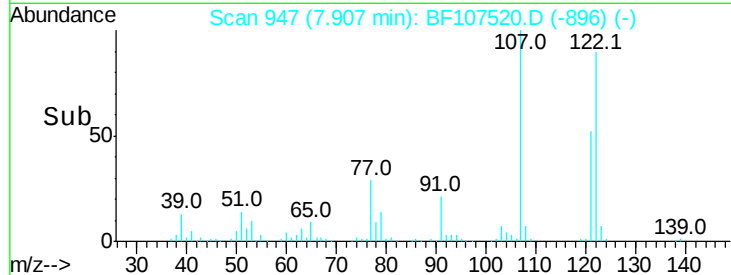
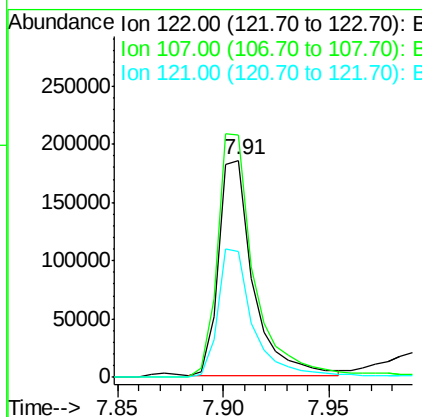
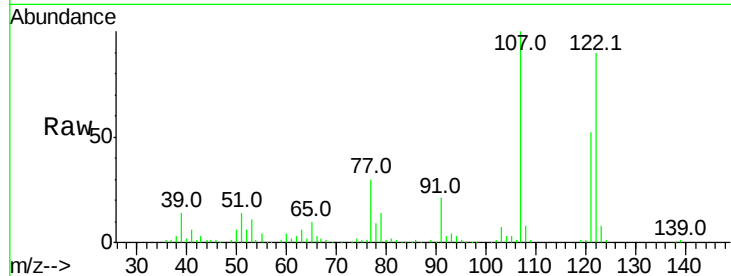




#27
 2,4-Dimethylphenol
 Concen: 10.199 ng
 RT: 7.91 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF107520.D
 Acq: 20 Jul 2018 13:18

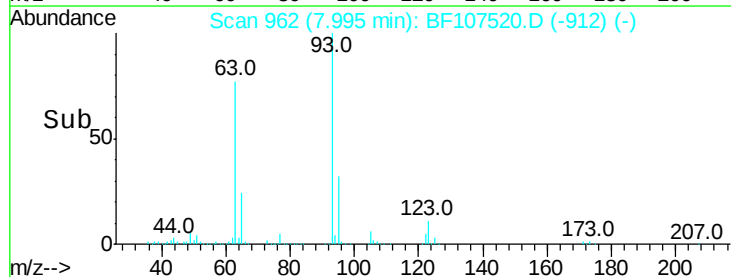
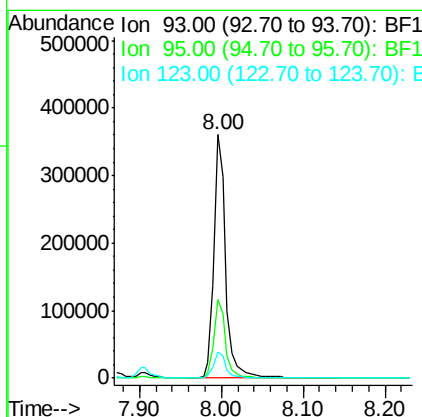
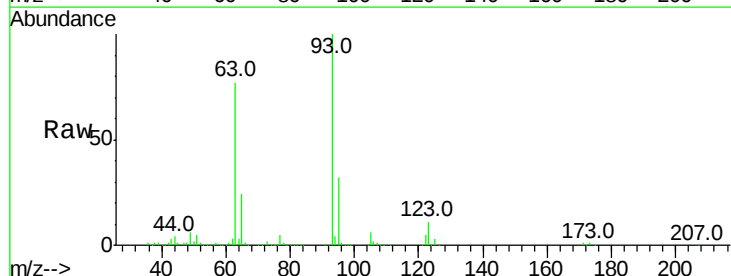
Instrument :
 BNA_F
 ClientSampled :

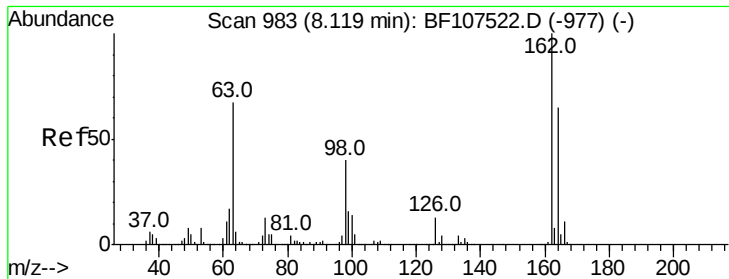
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.6	91.2	136.8
121	57.7	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 11.032 ng
 RT: 8.00 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF107520.D
 Acq: 20 Jul 2018 13:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.3	39.5
123	10.9	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 10.487 ng

RT: 8.11 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF107520.D

Acq: 20 Jul 2018 13:18

Instrument :

BNA_F

ClientSampleId :

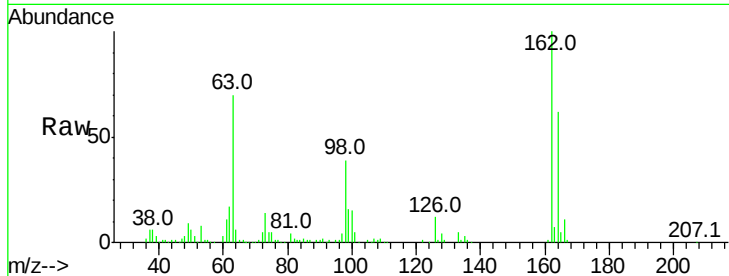
Tot Ion:162 Resp: 228253

Ion Ratio Lower Upper

162 100

164 61.7 42.7 82.7

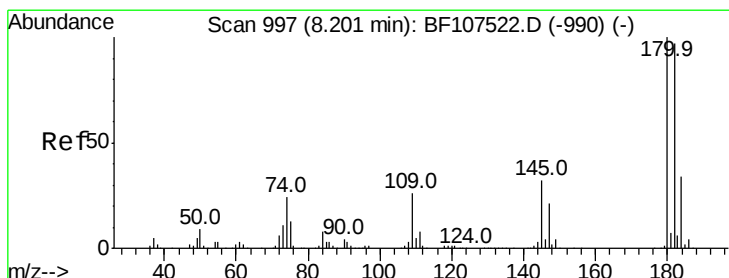
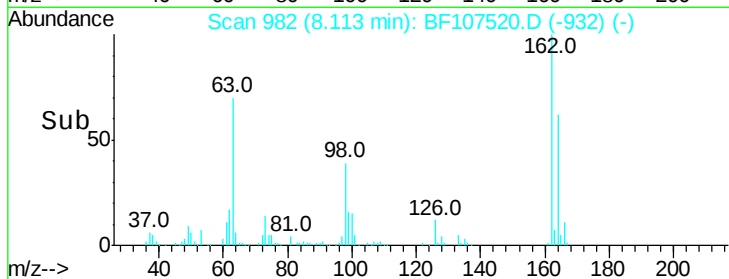
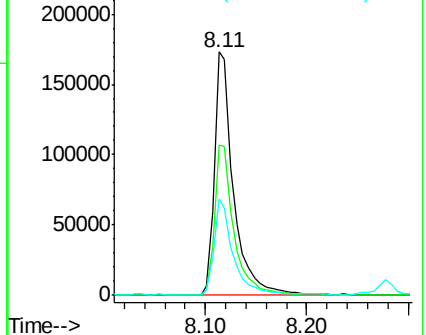
98 39.5 18.1 58.1



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: 9.842 ng

RT: 8.20 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF107520.D

Acq: 20 Jul 2018 13:18

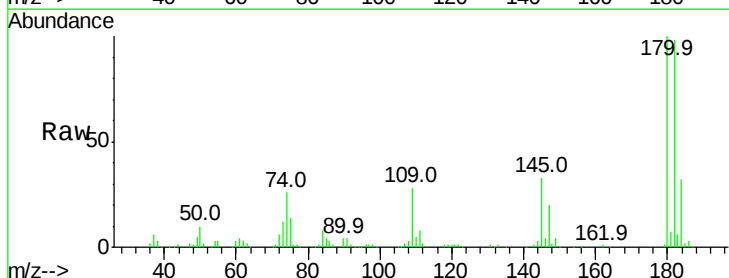
Tgt Ion:180 Resp: 259393

Ion Ratio Lower Upper

180 100

182 98.1 76.8 115.2

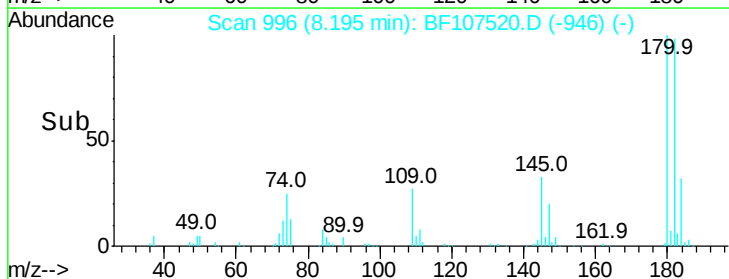
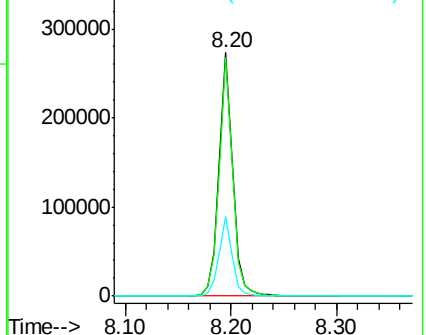
145 32.8 26.5 39.7

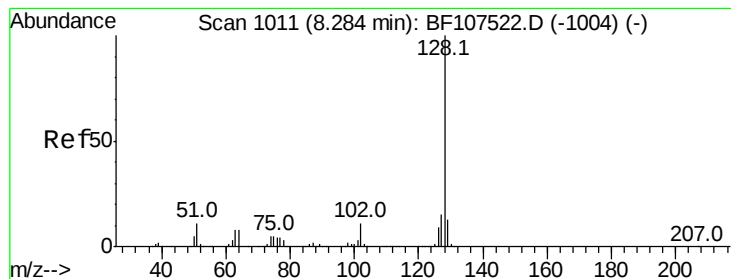


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 11.508 ng

RT: 8.28 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF107520.D

Acq: 20 Jul 2018 13:18

Instrument :

BNA_F

ClientSampleId :

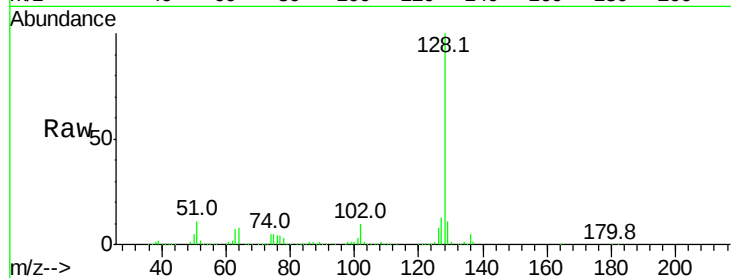
Tot Ion:128 Resp: 782544

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

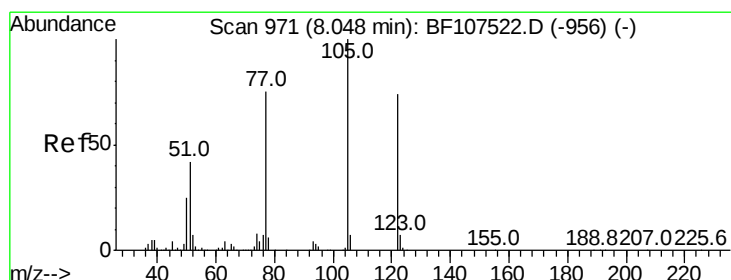
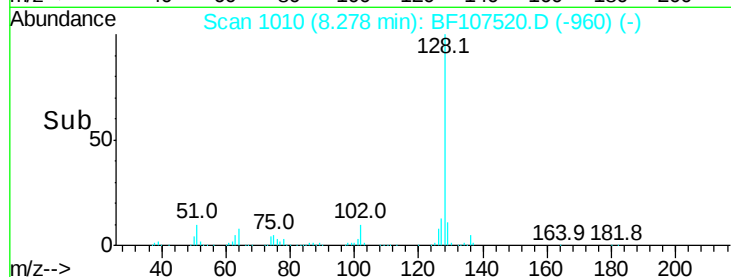
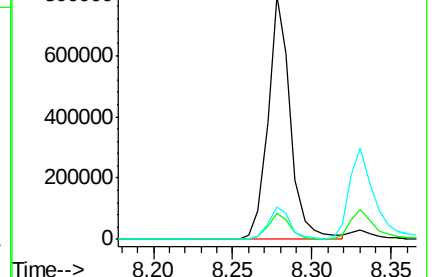
127 13.4 10.9 16.3



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: 3.671 ng

RT: 7.99 min Scan# 961

Delta R.T. -0.06 min

Lab File: BF107520.D

Acq: 20 Jul 2018 13:18

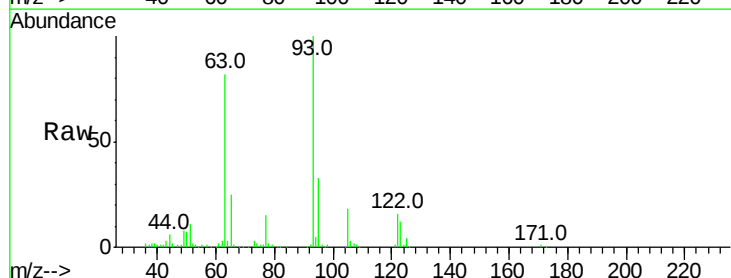
Tgt Ion:122 Resp: 47117

Ion Ratio Lower Upper

122 100

105 116.7 101.1 141.1

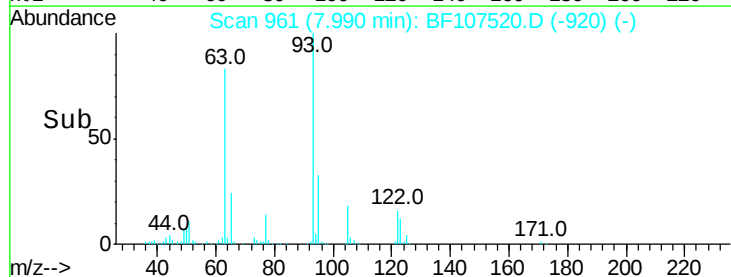
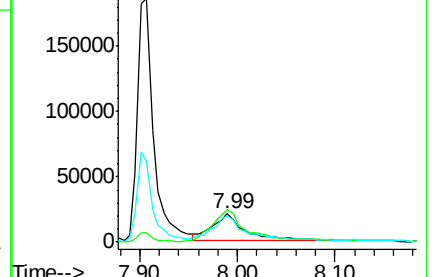
77 93.6 70.7 110.7

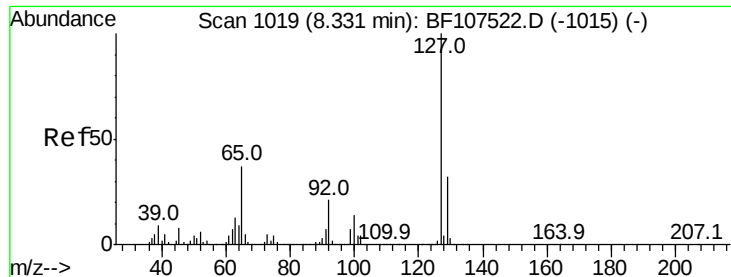


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

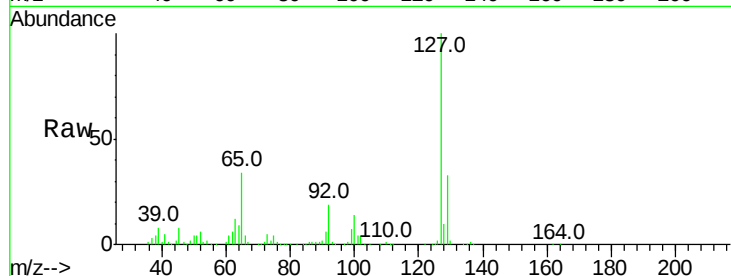




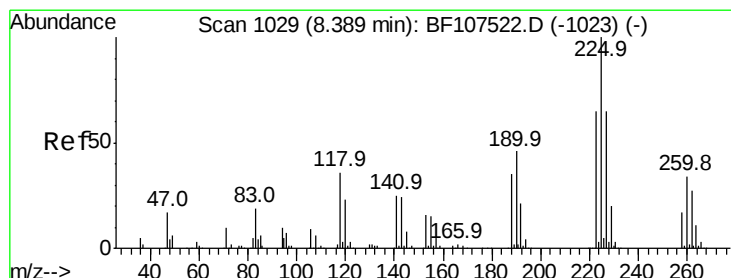
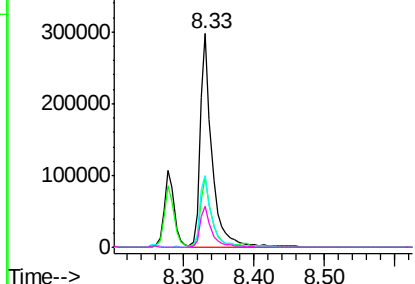
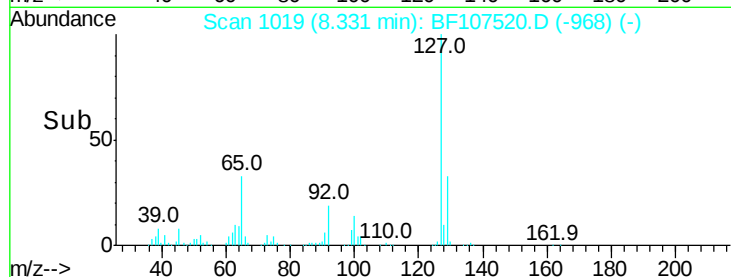
#33
4-Chloroaniline
Concen: 11.895 ng
RT: 8.33 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF107520.D
Acq: 20 Jul 2018 13:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	350302
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.9	38.9
65	33.6	25.0	37.4
92	19.5	15.2	22.8

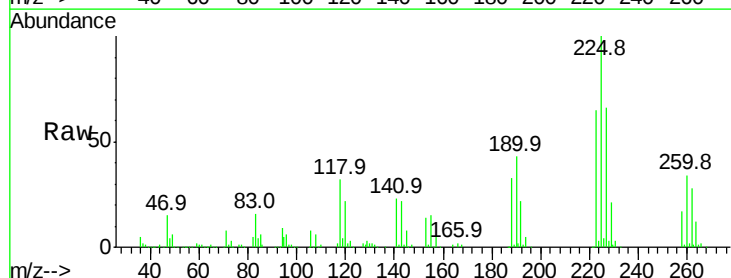


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

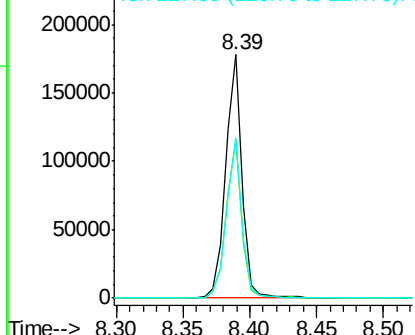
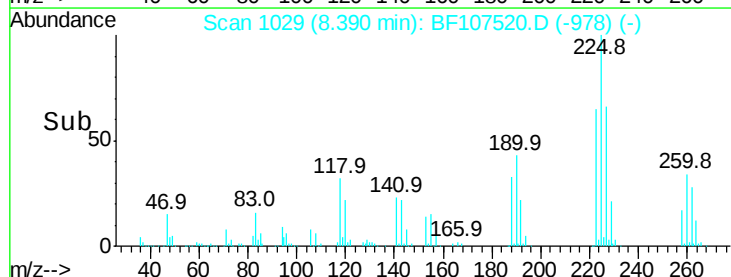


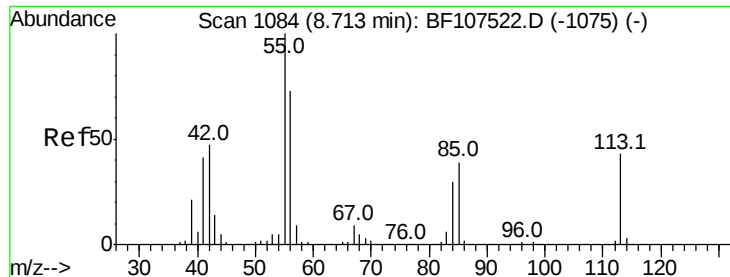
#34
Hexachlorobutadiene
Concen: 8.726 ng
RT: 8.39 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF107520.D
Acq: 20 Jul 2018 13:18

Tgt Ion:	225	Resp:	153879
Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.6	76.0
227	65.8	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

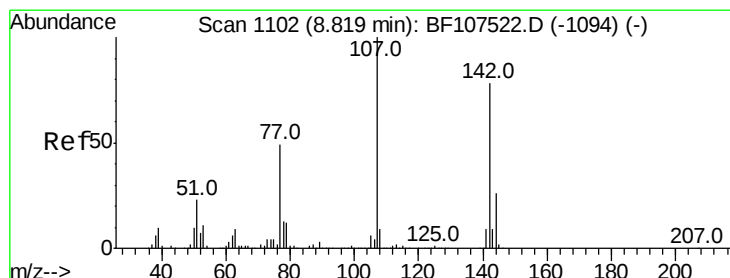
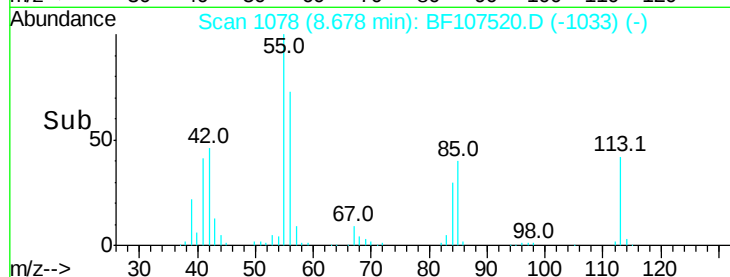
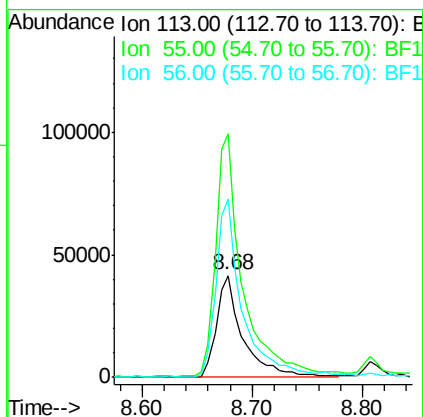
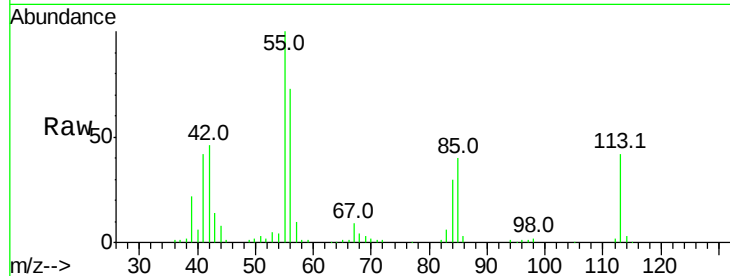




#35
 Caprolactam
 Concen: 9.788 ng
 RT: 8.68 min Scan# 1078
 Delta R.T. -0.04 min
 Lab File: BF107520.D
 Acq: 20 Jul 2018 13:18

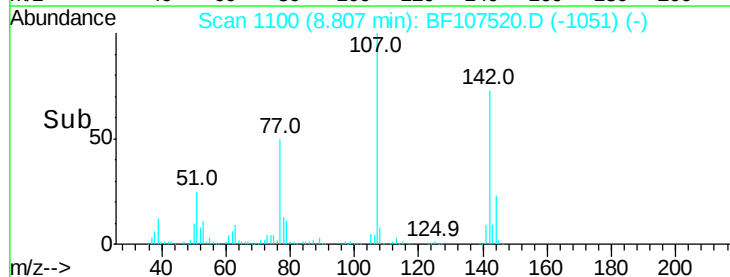
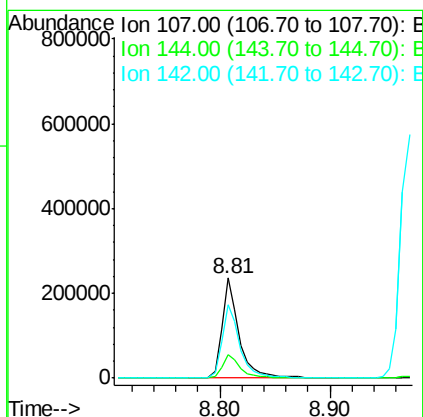
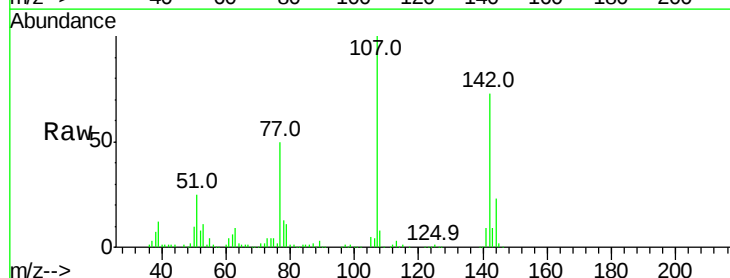
Instrument :
 BNA_F
 ClientSampleId :

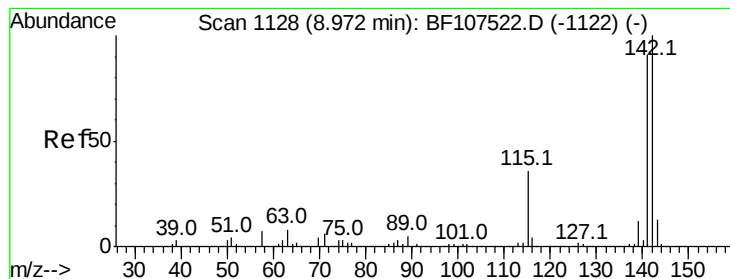
Tot Ion:113 Resp: 69298
 Ion Ratio Lower Upper
 113 100
 55 239.3 163.3 203.3#
 56 174.9 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 8.992 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. -0.01 min
 Lab File: BF107520.D
 Acq: 20 Jul 2018 13:18

Tgt Ion:107 Resp: 255724
 Ion Ratio Lower Upper
 107 100
 144 23.2 20.5 30.7
 142 73.0 62.0 93.0

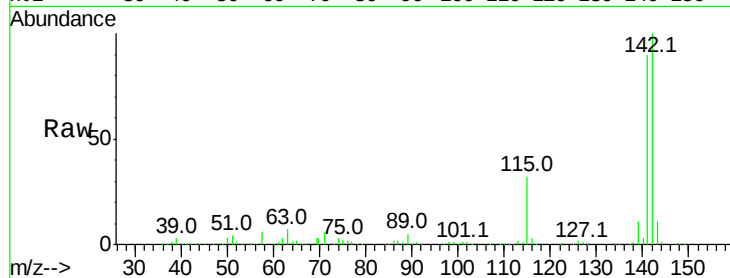




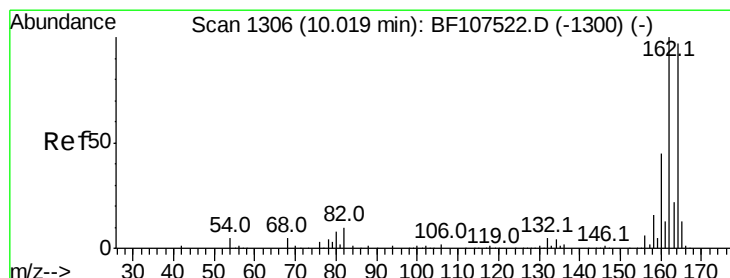
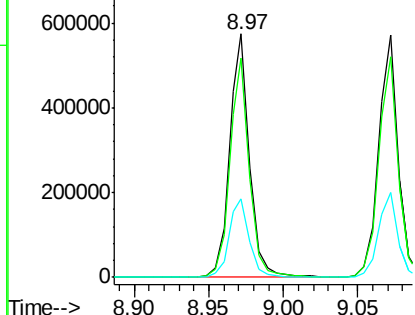
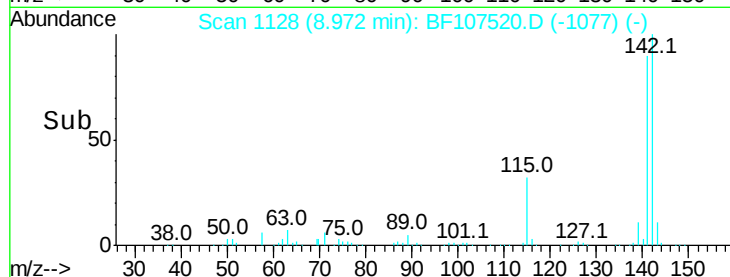
#37
 2-Methylnaphthalene
 Concen: 12.011 ng
 RT: 8.97 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: BF107520.D
 Acq: 20 Jul 2018 13:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.8	106.2
115	32.2	26.1	39.1

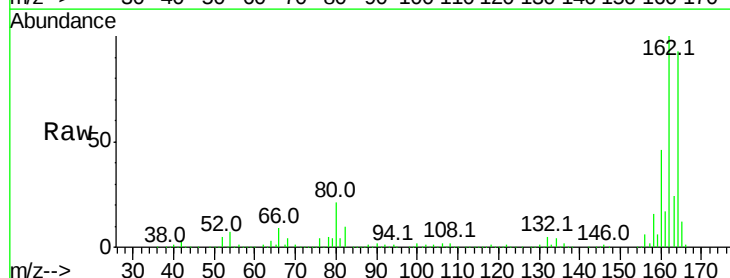


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

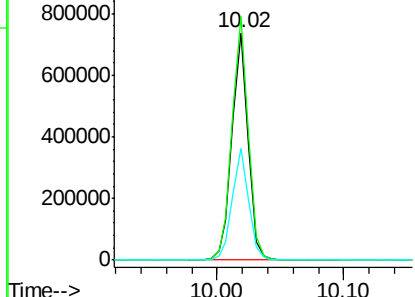
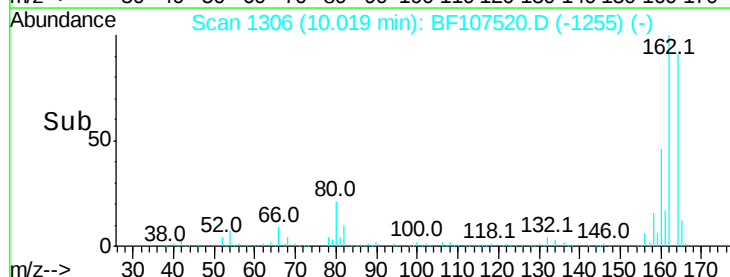


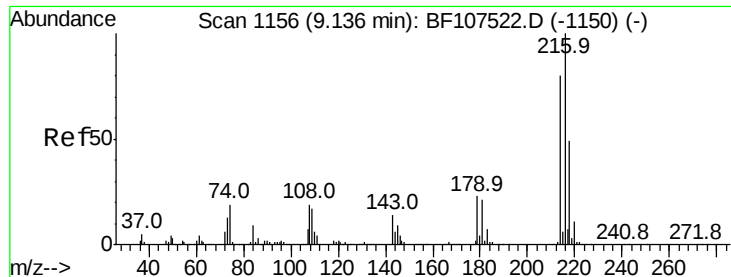
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BF107520.D
 Acq: 20 Jul 2018 13:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.0	86.1	129.1
160	49.0	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

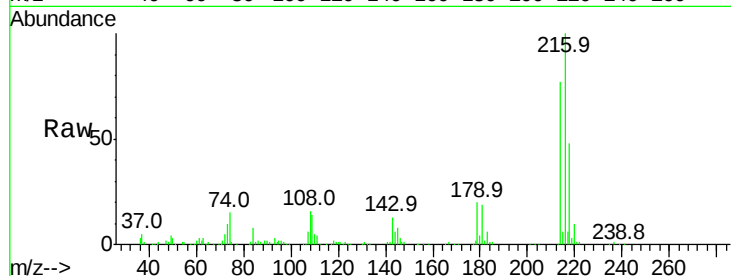




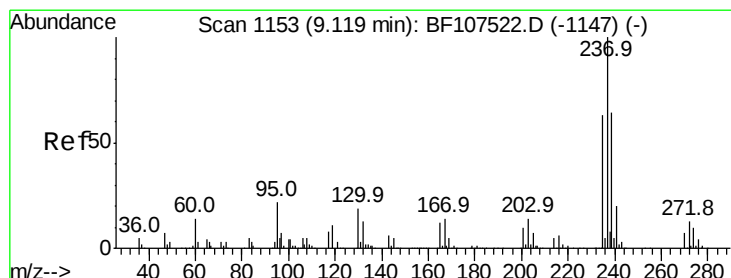
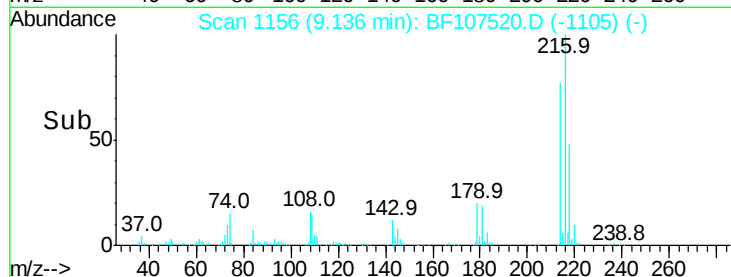
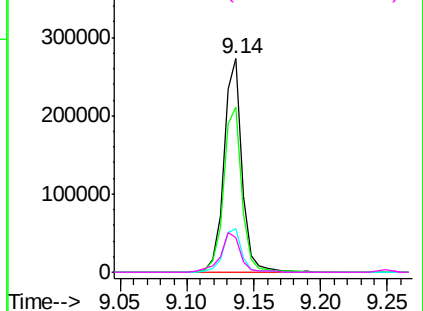
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 10.399 ng
 RT: 9.14 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF107520.D
 Acq: 20 Jul 2018 13:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	260910
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.0	94.4
179	20.8	18.1	27.1
108	20.3	17.2	25.8

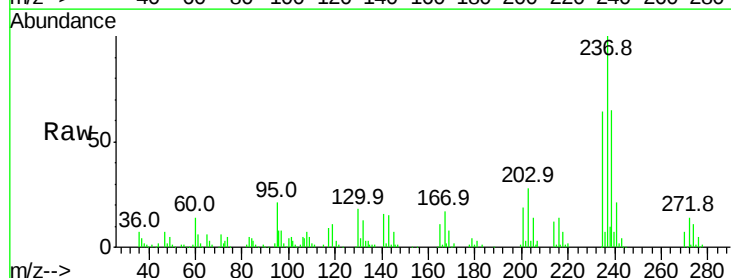


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

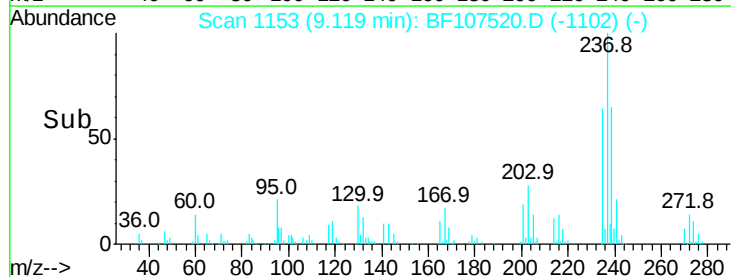
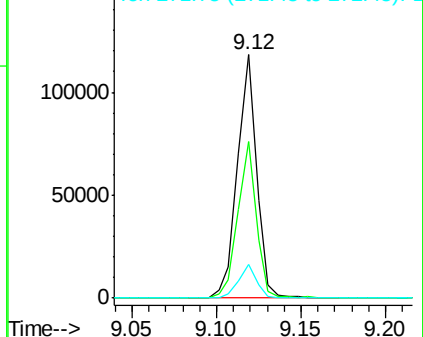


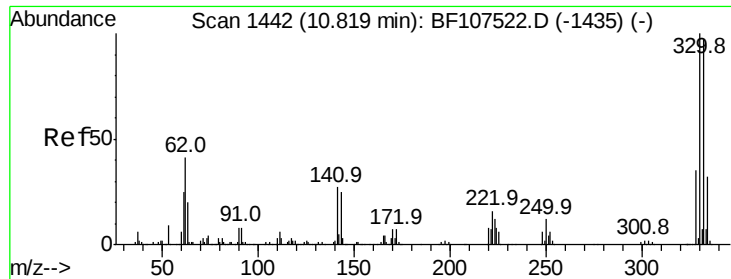
#40
 Hexachlorocyclopentadiene
 Concen: 7.176 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF107520.D
 Acq: 20 Jul 2018 13:18

Tgt Ion:	237	Resp:	94034
Ion	Ratio	Lower	Upper
237	100		
235	64.1	44.8	84.8
272	14.1	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

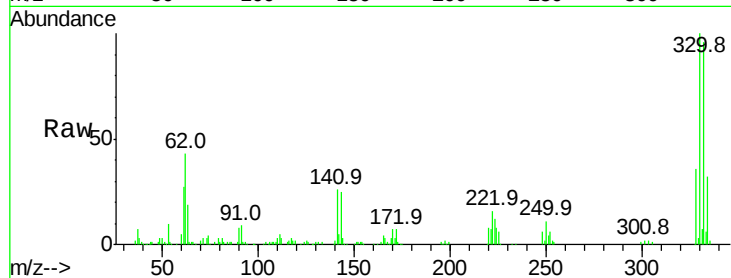




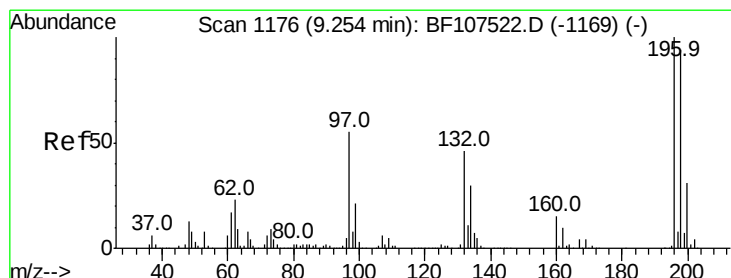
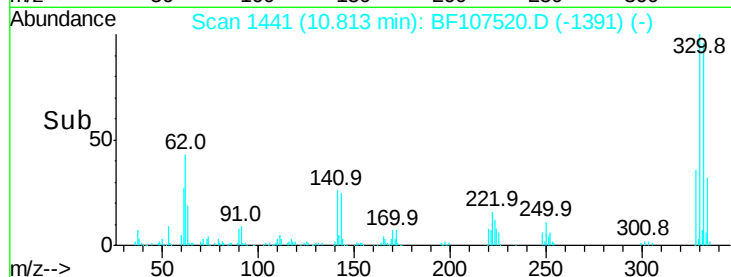
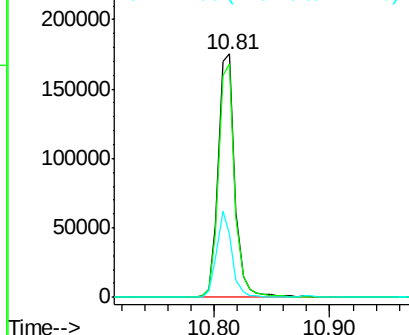
#41
 2,4,6-Tribromophenol
 Concen: 31.105 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF107520.D
 Acq: 20 Jul 2018 13:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 176210
 Ion Ratio Lower Upper
 330 100
 332 94.0 77.0 115.6
 141 32.0 29.9 44.9

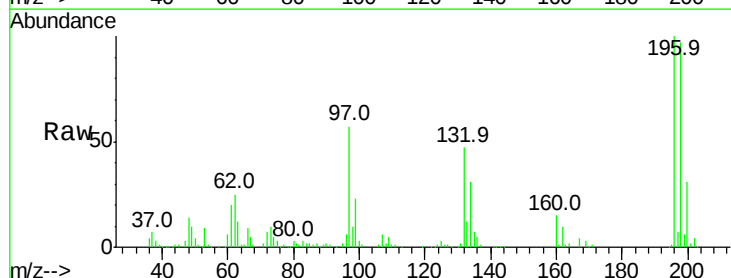


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

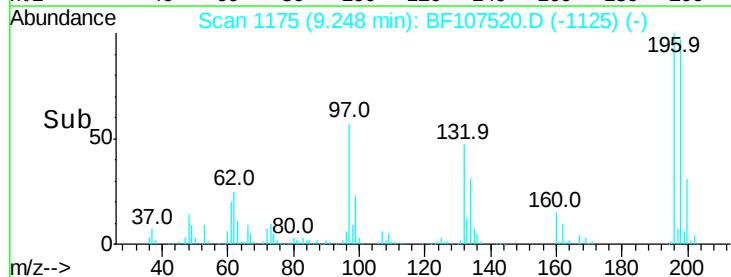
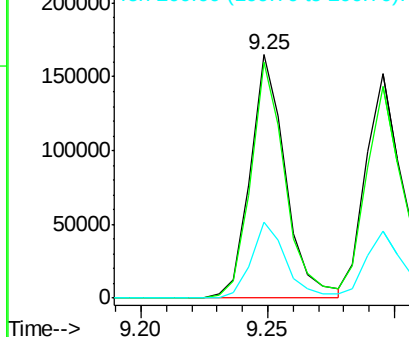


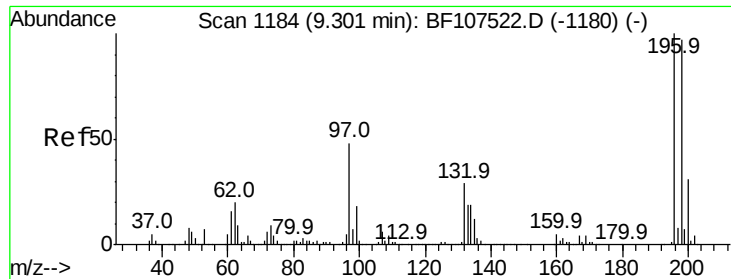
#42
 2,4,6-Trichlorophenol
 Concen: 10.252 ng
 RT: 9.25 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF107520.D
 Acq: 20 Jul 2018 13:18

Tgt Ion:196 Resp: 160570
 Ion Ratio Lower Upper
 196 100
 198 97.0 75.7 113.5
 200 31.2 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

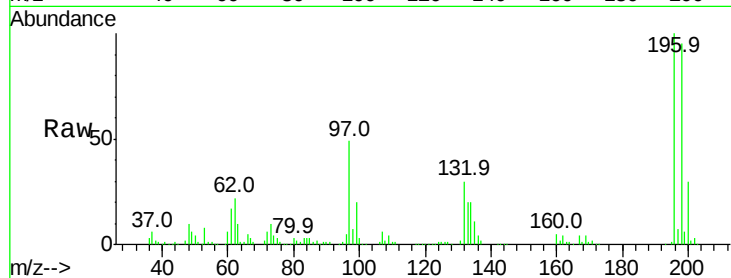




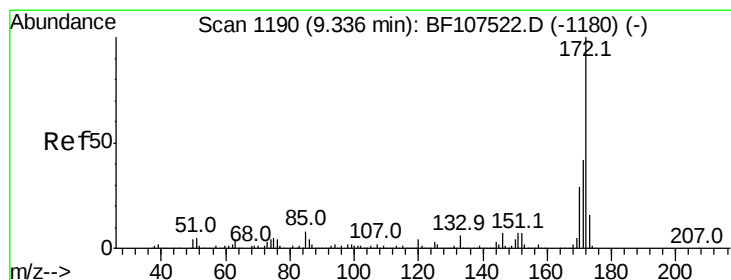
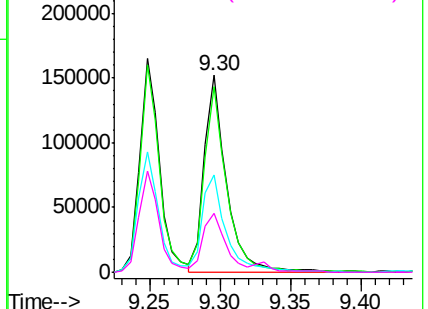
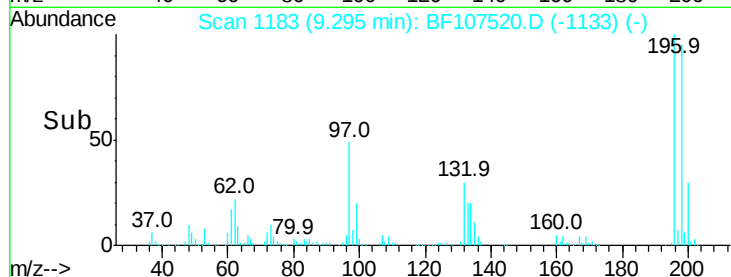
#43
 2,4,5-Trichlorophenol
 Concen: 11.110 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF107520.D
 Acq: 20 Jul 2018 13:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 166460
 Ion Ratio Lower Upper
 196 100
 198 94.6 74.6 112.0
 97 49.1 42.9 64.3
 132 30.2 26.3 39.5

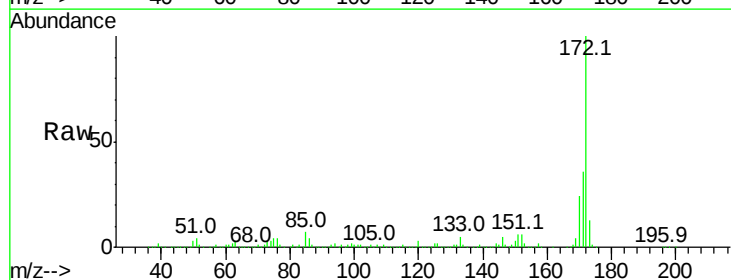


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

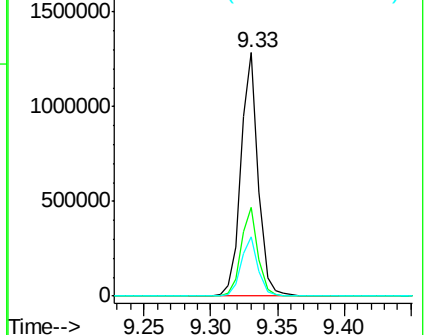
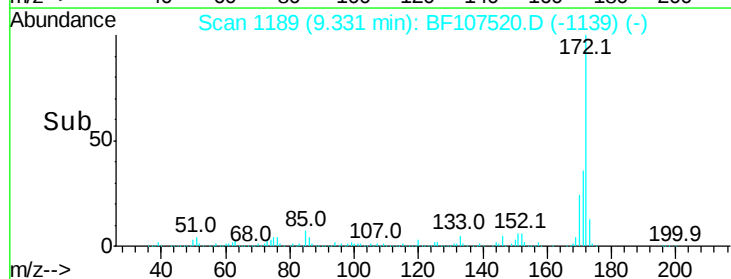


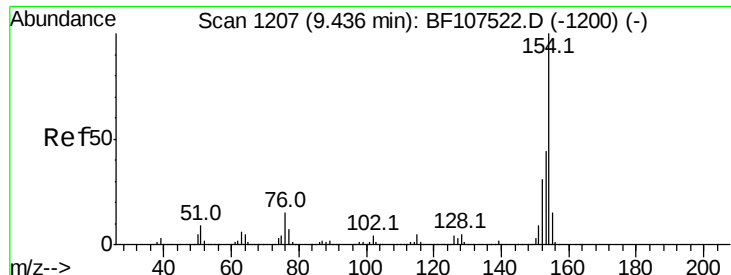
#44
 2-Fluorobiphenyl
 Concen: 25.757 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107520.D
 Acq: 20 Jul 2018 13:18

Tgt Ion:172 Resp: 1155689
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.3 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

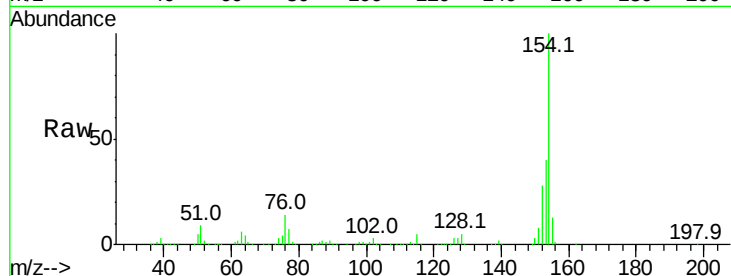




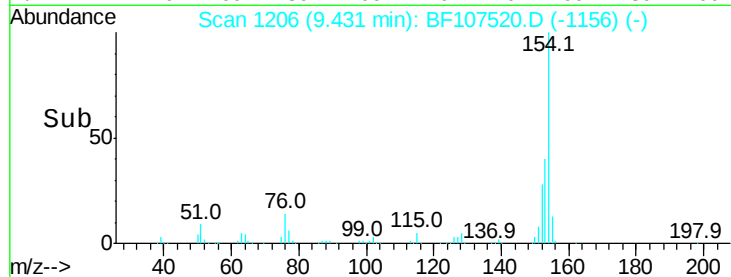
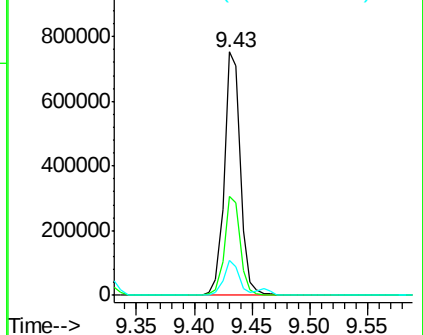
#45
 1,1'-Biphenyl
 Concen: 13.062 ng
 RT: 9.43 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF107520.D
 Acq: 20 Jul 2018 13:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 728148
 Ion Ratio Lower Upper
 154 100
 153 40.5 21.3 61.3
 76 14.5 0.0 34.0

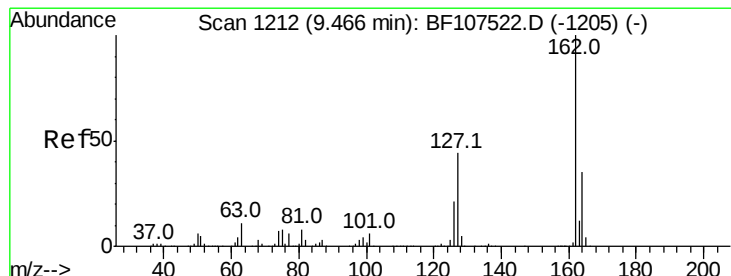


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

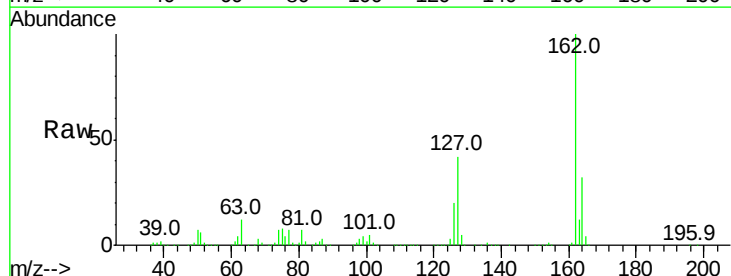
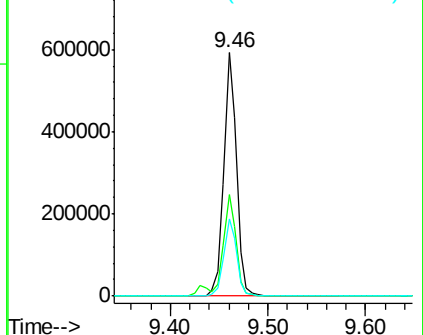


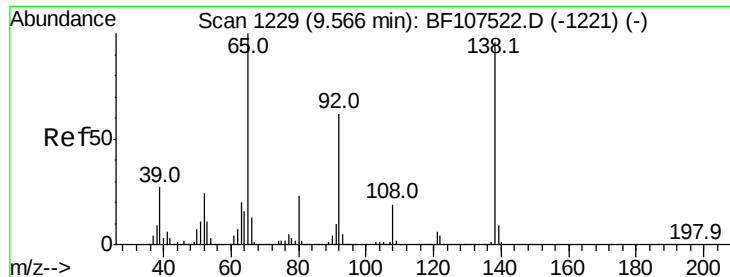
#46
 2-Chloronaphthalene
 Concen: 12.214 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF107520.D
 Acq: 20 Jul 2018 13:18

Tgt Ion:162 Resp: 537755
 Ion Ratio Lower Upper
 162 100
 127 41.9 33.9 50.9
 164 32.0 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 6.929 ng

RT: 9.56 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF107520.D

Acq: 20 Jul 2018 13:18

Instrument :

BNA_F

ClientSampled :

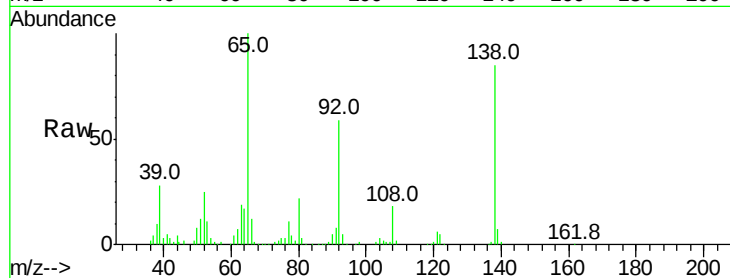
Tot Ion: 65 Resp: 93365

Ion Ratio Lower Upper

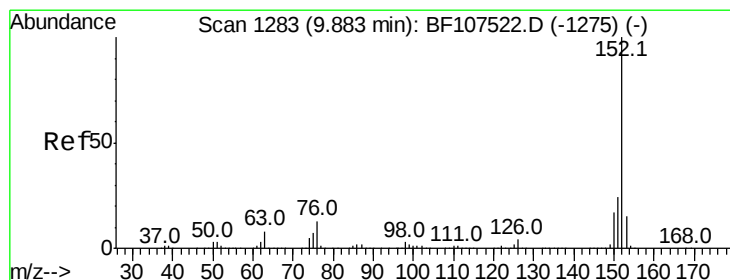
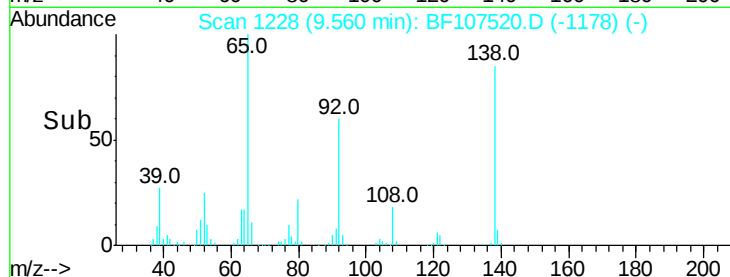
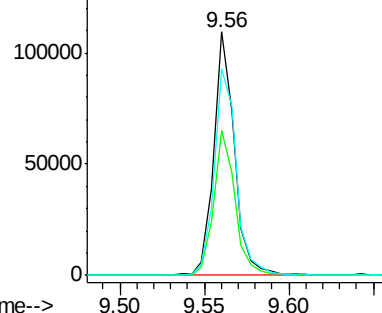
65 100

92 59.4 55.8 83.6

138 84.8 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 13.707 ng

RT: 9.88 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF107520.D

Acq: 20 Jul 2018 13:18

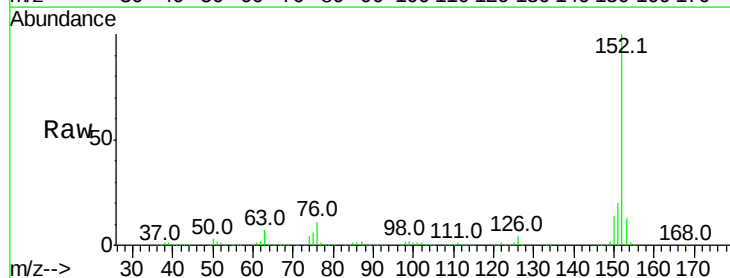
Tgt Ion: 152 Resp: 842200

Ion Ratio Lower Upper

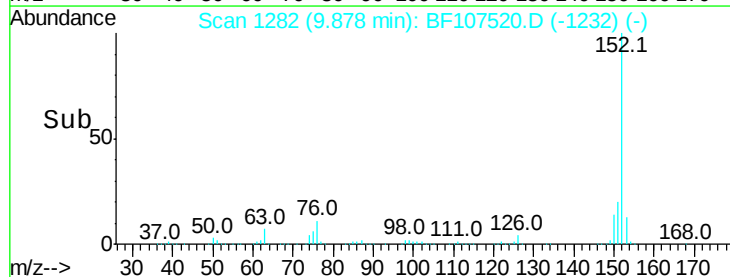
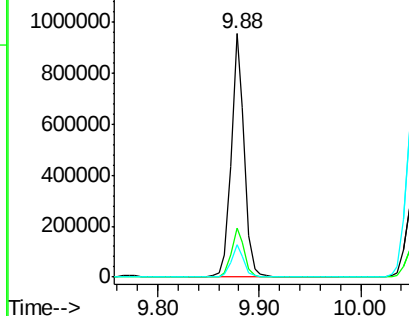
152 100

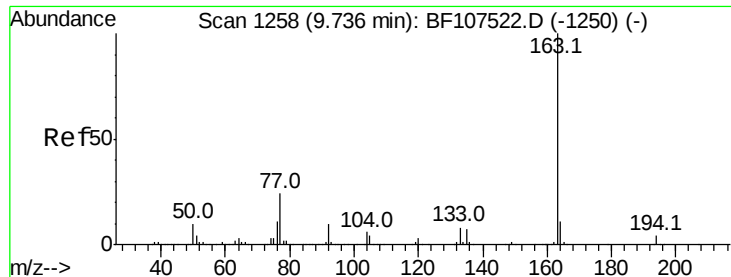
151 20.1 16.3 24.5

153 13.2 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

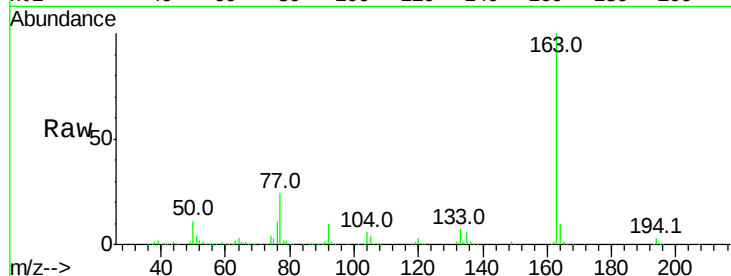




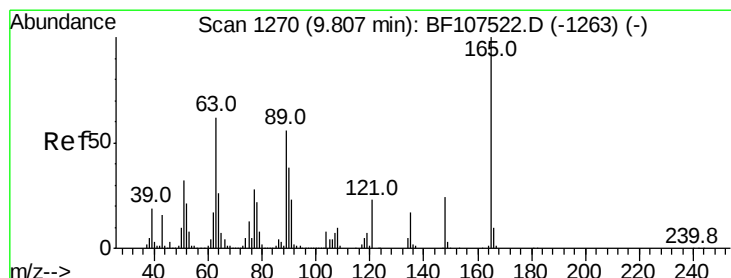
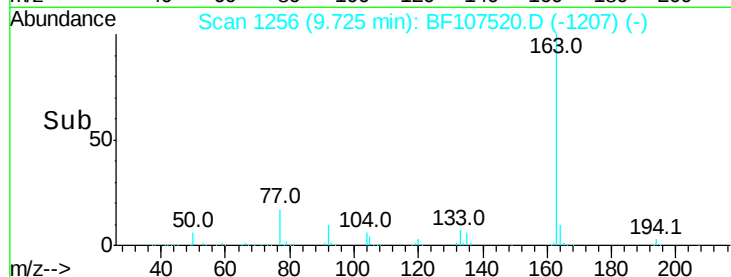
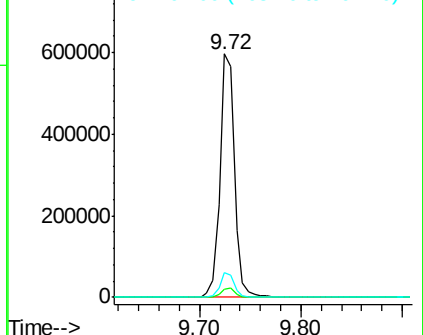
#49
Dimethylphthalate
Concen: 11.607 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF107520.D
Acq: 20 Jul 2018 13:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 594592
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.3 8.2 12.2

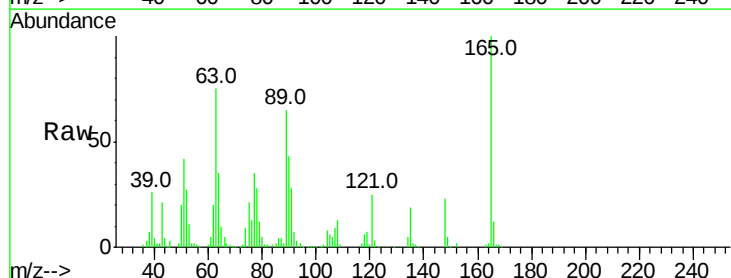


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

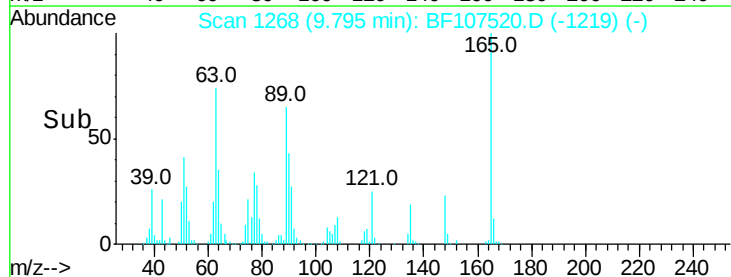
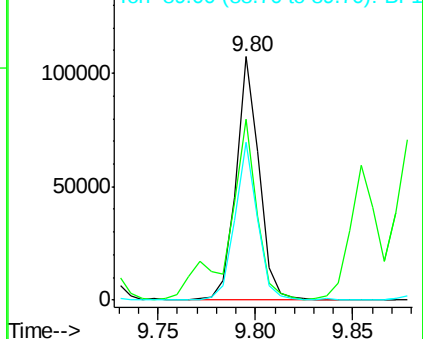


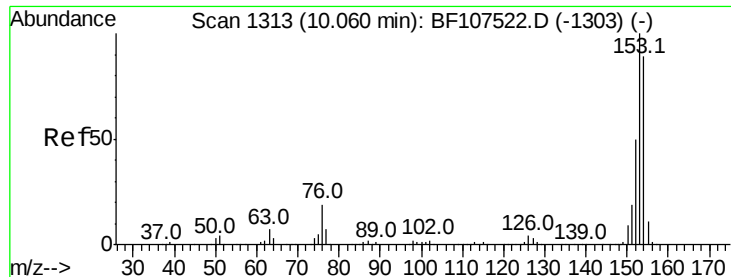
#50
2,6-Dinitrotoluene
Concen: 8.985 ng
RT: 9.80 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF107520.D
Acq: 20 Jul 2018 13:18

Tgt Ion:165 Resp: 87832
Ion Ratio Lower Upper
165 100
63 74.5 44.7 67.1#
89 65.1 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: 12.437 ng

RT: 10.05 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF107520.D

Acq: 20 Jul 2018 13:18

Instrument :

BNA_F

ClientSampleId :

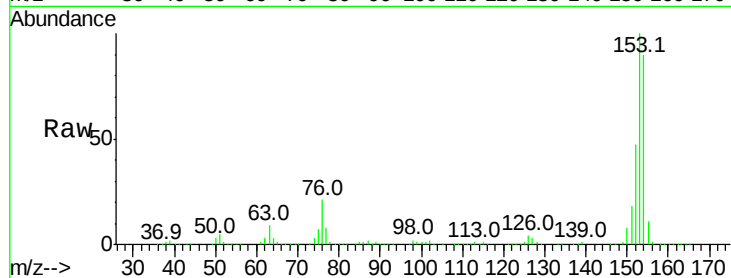
Tot Ion:154 Resp: 506614

Ion Ratio Lower Upper

154 100

153 111.5 91.2 136.8

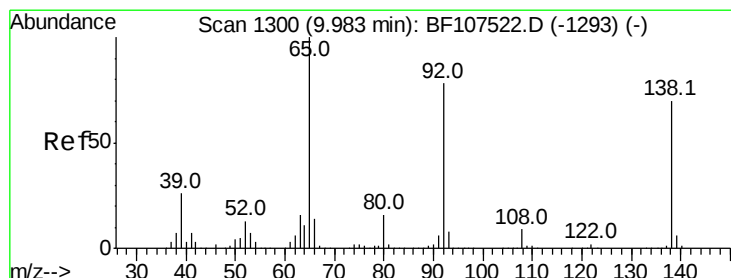
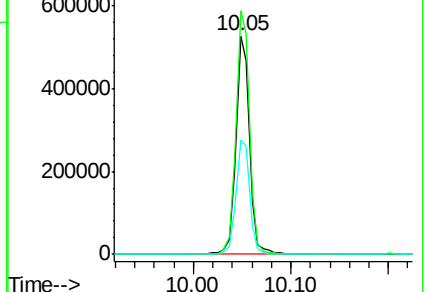
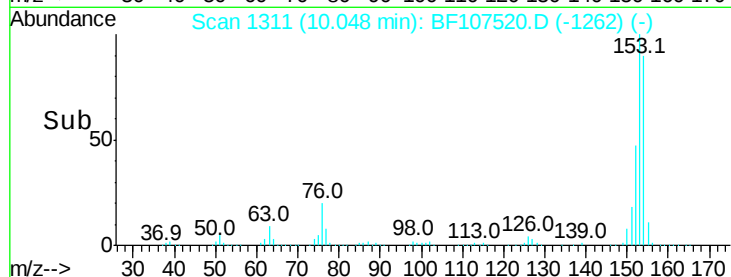
152 52.6 43.8 65.8



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: 10.193 ng

RT: 9.97 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF107520.D

Acq: 20 Jul 2018 13:18

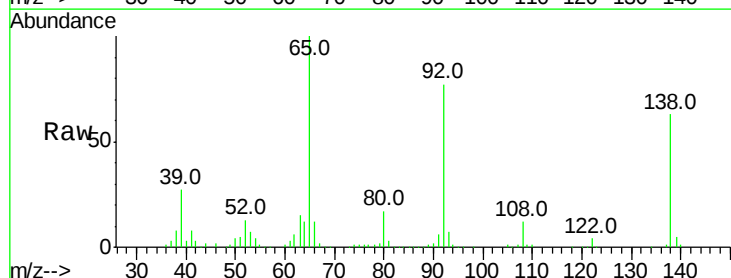
Tgt Ion:138 Resp: 104662

Ion Ratio Lower Upper

138 100

108 19.1 9.4 14.0#

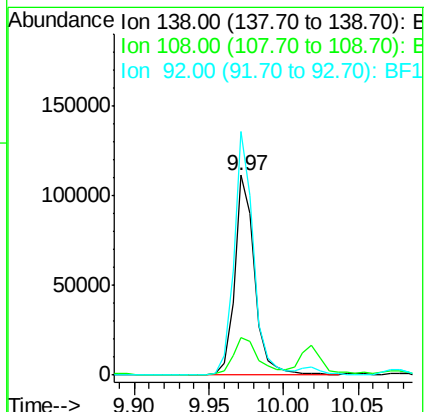
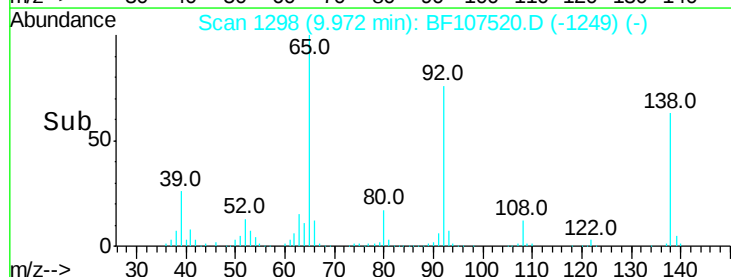
92 121.9 89.4 134.2

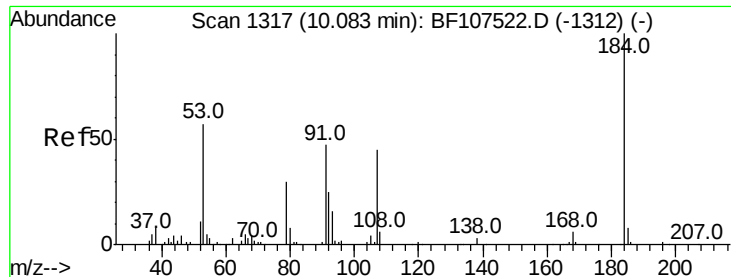


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

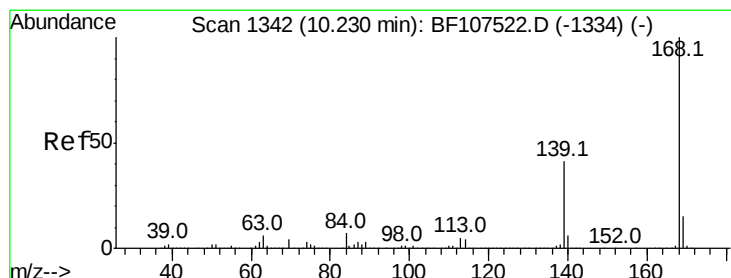
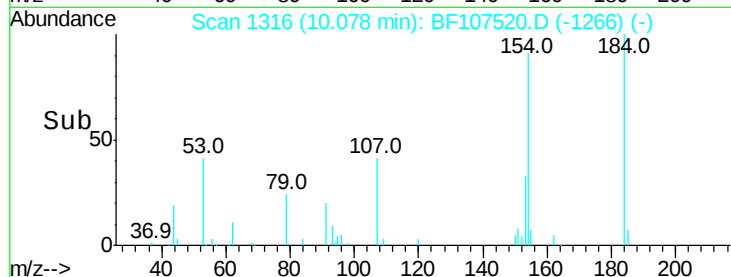
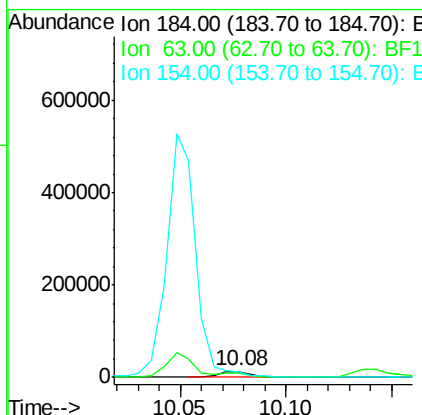
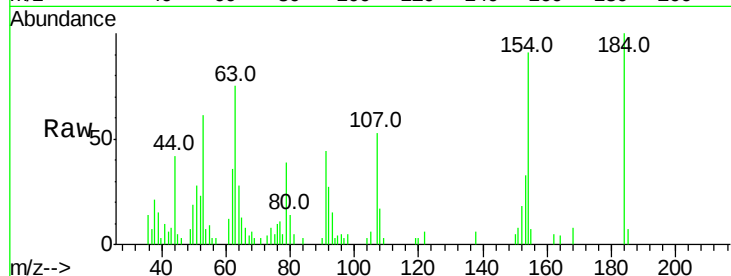




#53
2,4-Dinitrophenol
Concen: 3.625 ng
RT: 10.08 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF107520.D
Acq: 20 Jul 2018 13:18

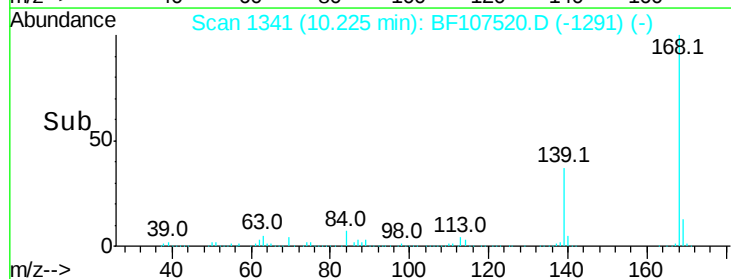
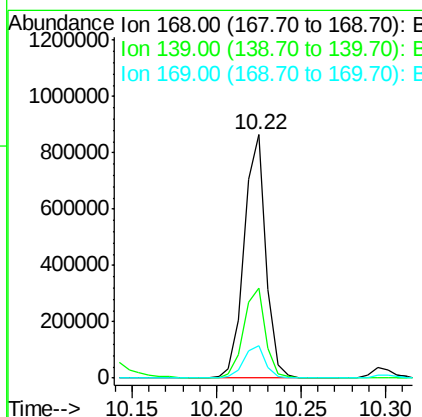
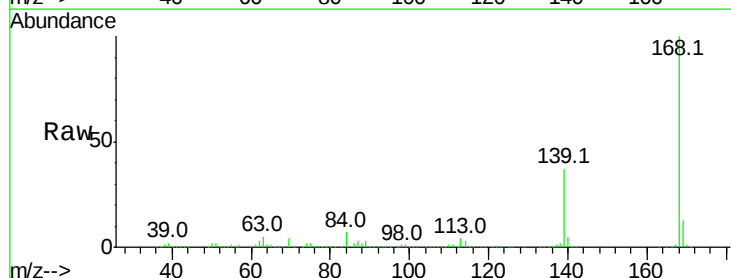
Instrument :
BNA_F
ClientSampleId :

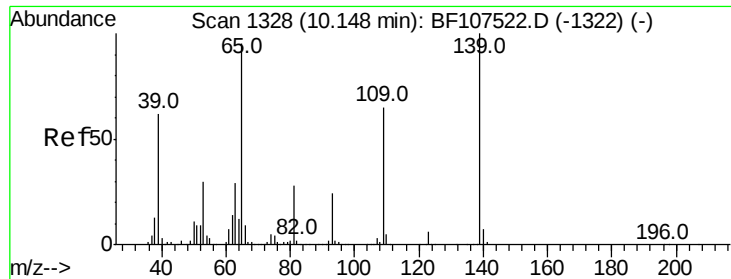
Tot Ion:184 Resp: 12483
Ion Ratio Lower Upper
184 100
63 75.5 54.2 81.2
154 91.4 184.0 276.0#



#54
Dibenzofuran
Concen: 12.331 ng
RT: 10.22 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF107520.D
Acq: 20 Jul 2018 13:18

Tgt Ion:168 Resp: 776188
Ion Ratio Lower Upper
168 100
139 36.7 30.1 45.1
169 13.1 10.9 16.3

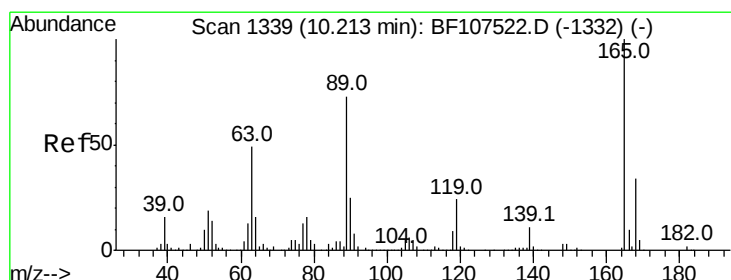
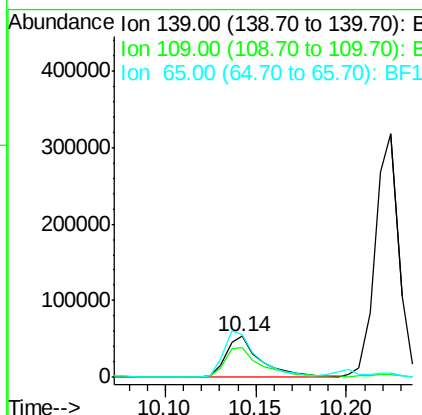
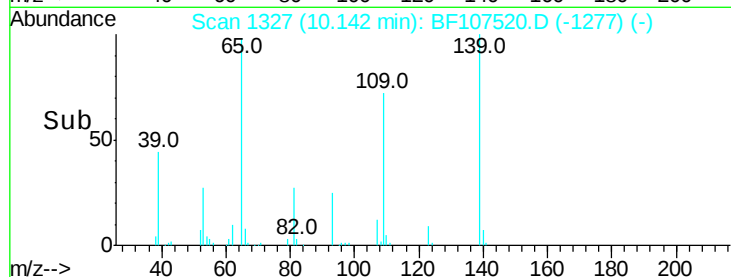
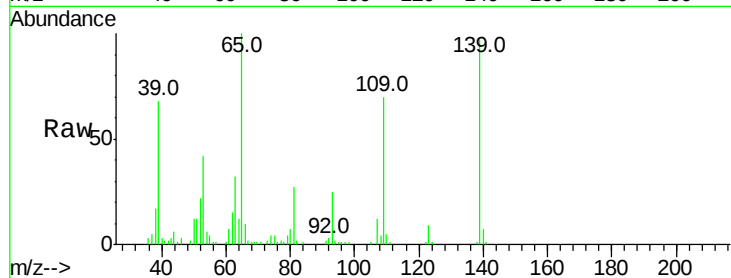




#55
4-Nitrophenol
Concen: 8.574 ng
RT: 10.14 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF107520.D
Acq: 20 Jul 2018 13:18

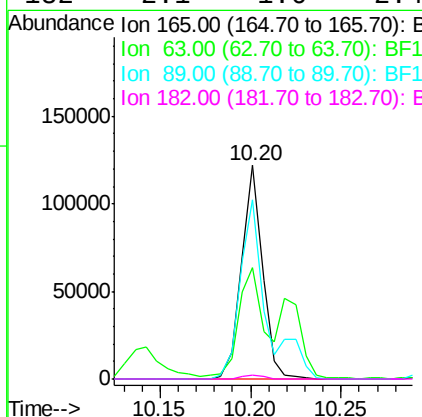
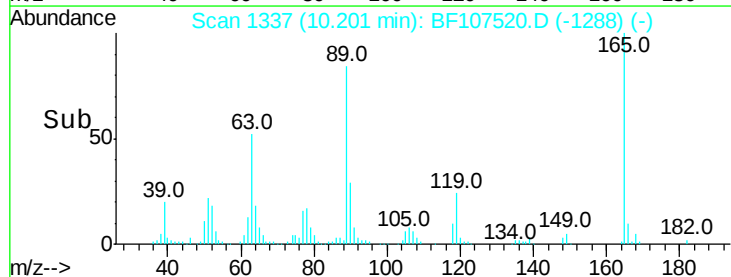
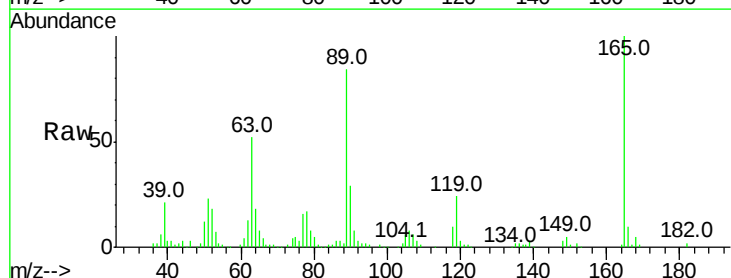
Instrument :
BNA_F
ClientSampleId :

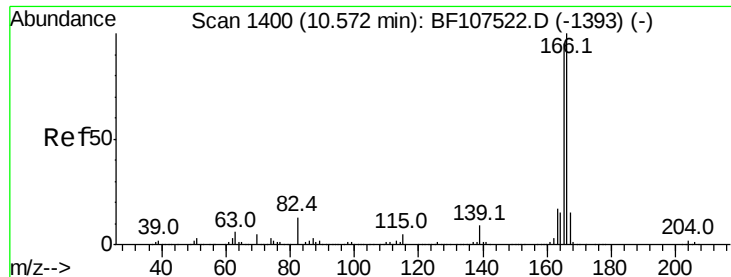
Tot Ion:139 Resp: 71238
Ion Ratio Lower Upper
139 100
109 72.2 48.4 88.4
65 103.2 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 7.748 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF107520.D
Acq: 20 Jul 2018 13:18

Tgt Ion:165 Resp: 98727
Ion Ratio Lower Upper
165 100
63 52.3 36.4 54.6
89 83.7 57.8 86.6
182 2.1 1.6 2.4





#57

Fluorene

Concen: 13.782 ng

RT: 10.57 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BF107520.D

Acq: 20 Jul 2018 13:18

Instrument :

BNA_F

ClientSampleId :

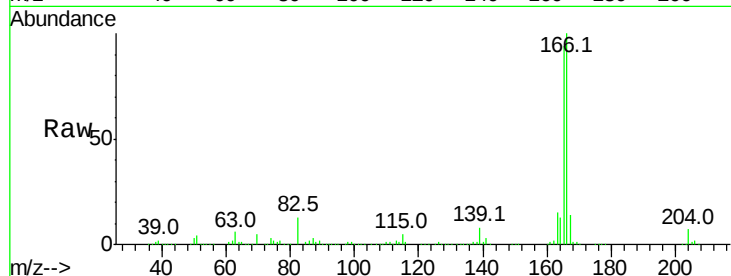
Tot Ion:166 Resp: 574570

Ion Ratio Lower Upper

166 100

165 94.3 79.8 119.8

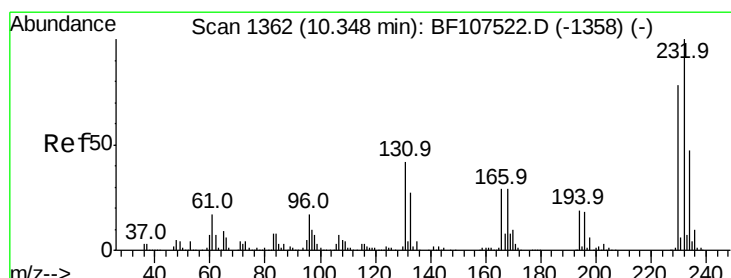
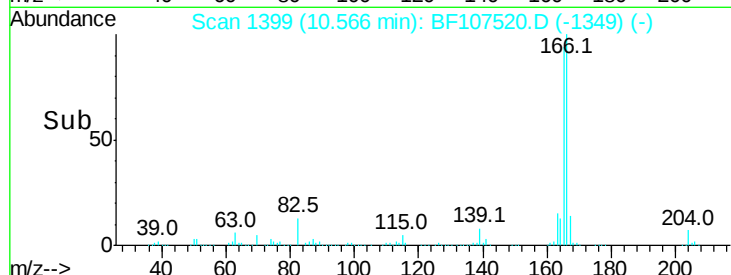
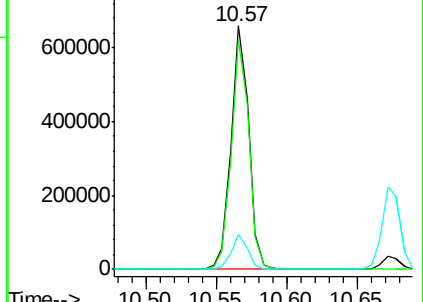
167 14.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 9.305 ng

RT: 10.34 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BF107520.D

Acq: 20 Jul 2018 13:18

Tgt Ion:232 Resp: 135043

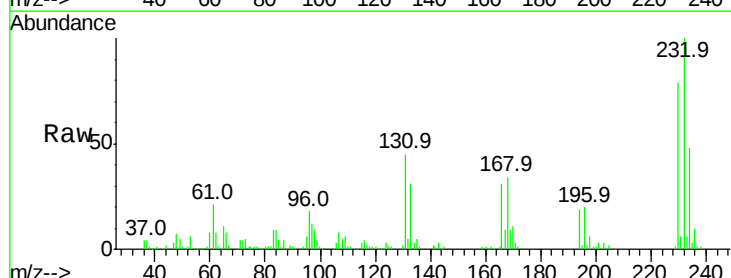
Ion Ratio Lower Upper

232 100

131 50.2 43.8 65.8

130 2.2 2.1 3.1

166 31.2 27.8 41.6

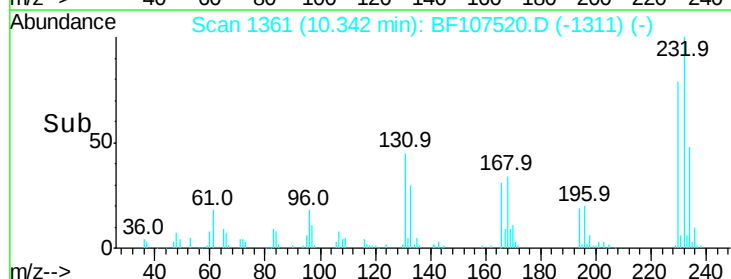
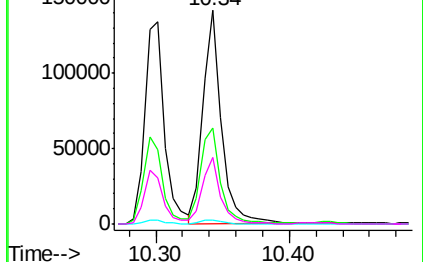


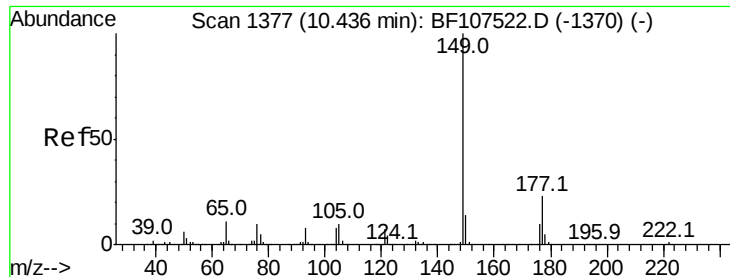
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

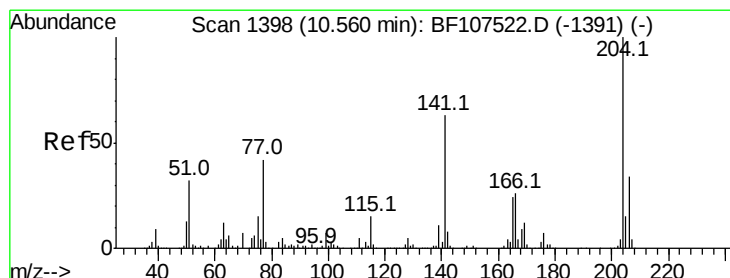
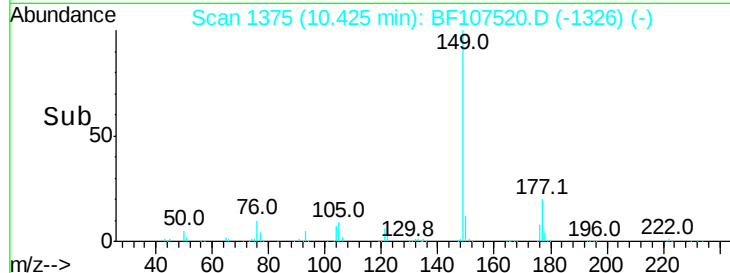
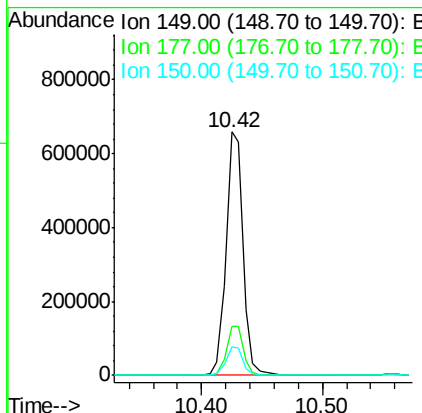
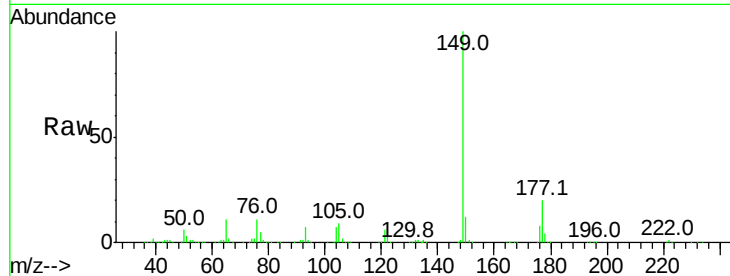




#59
 Diethylphthalate
 Concen: 12.849 ng
 RT: 10.42 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF107520.D
 Acq: 20 Jul 2018 13:18

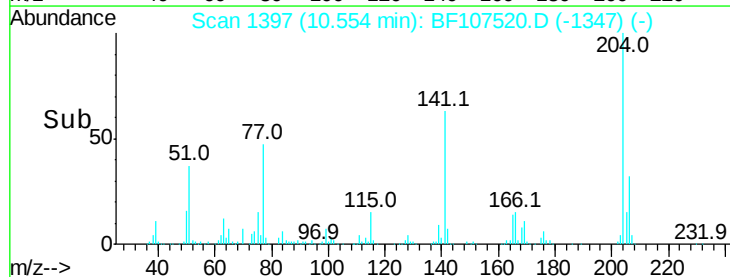
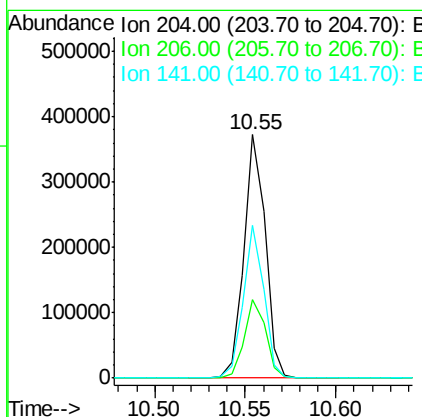
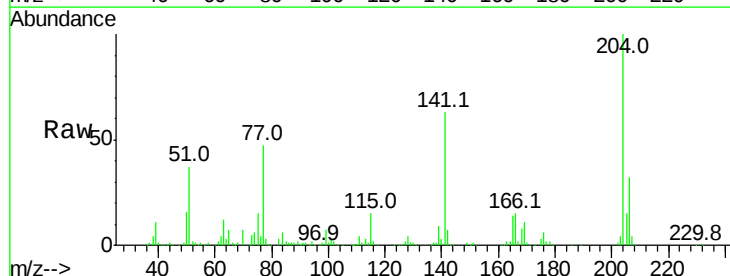
Instrument :
 BNA_F
 ClientSampleId :

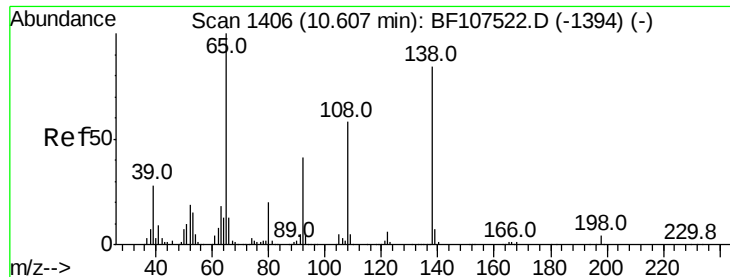
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.0	16.1	24.1
150	11.8	10.1	15.1



#60
 4-Chlorophenyl-phenylether
 Concen: 12.313 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF107520.D
 Acq: 20 Jul 2018 13:18

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.5	39.7
141	62.9	54.6	81.8

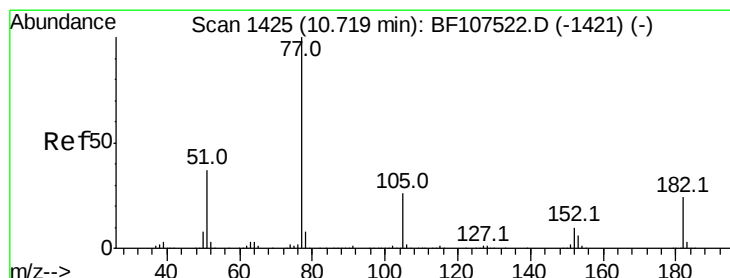
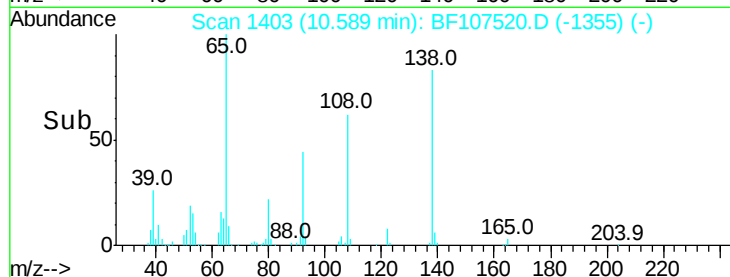
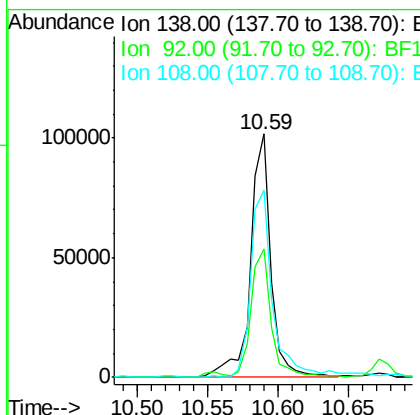
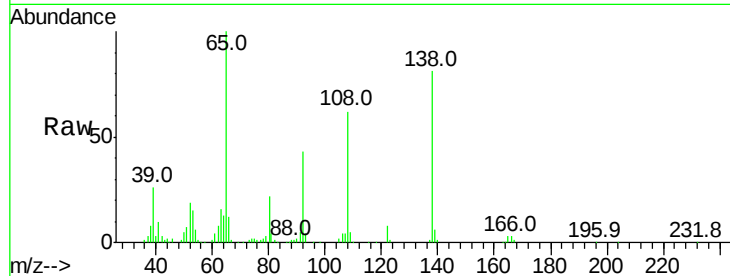




#61
4-Nitroaniline
Concen: 10.585 ng
RT: 10.59 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF107520.D
Acq: 20 Jul 2018 13:18

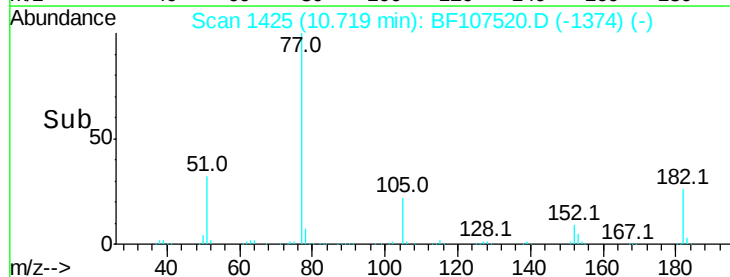
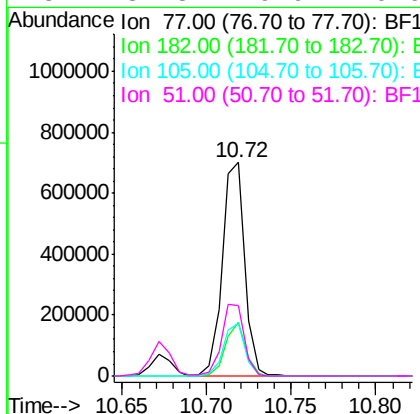
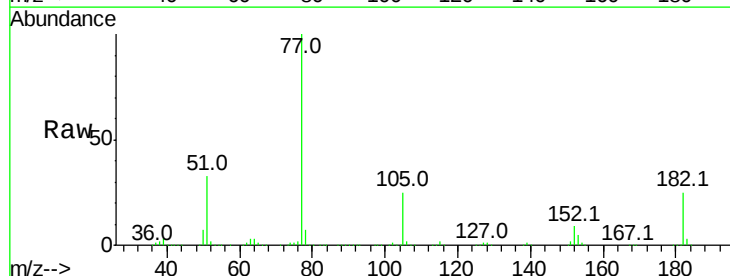
Instrument :
BNA_F
ClientSampleId :

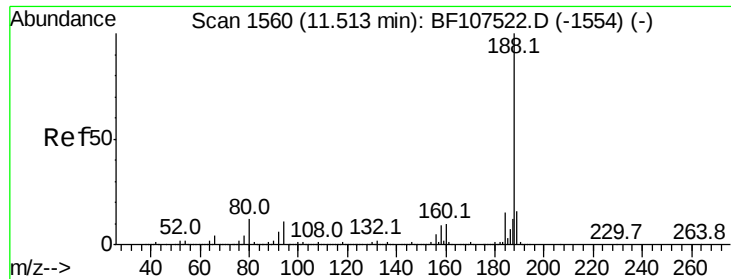
Tot Ion:138 Resp: 103428
Ion Ratio Lower Upper
138 100
92 52.8 30.2 70.2
108 76.9 52.5 92.5



#62
Azobenzene
Concen: 11.020 ng
RT: 10.72 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF107520.D
Acq: 20 Jul 2018 13:18

Tgt Ion: 77 Resp: 644072
Ion Ratio Lower Upper
77 100
182 25.4 1.7 41.7
105 24.9 3.0 43.0
51 32.8 9.9 49.9

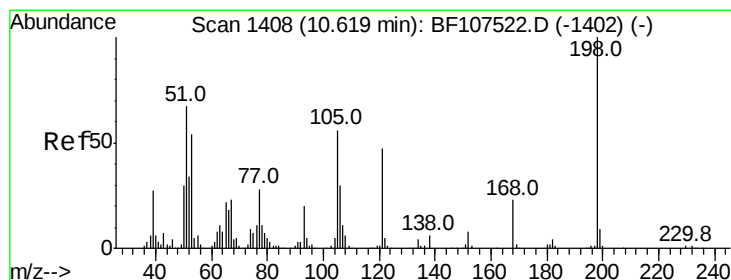
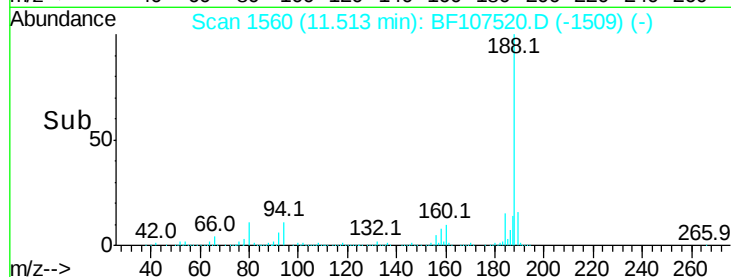
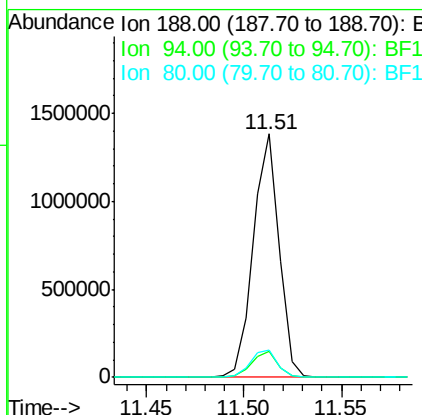
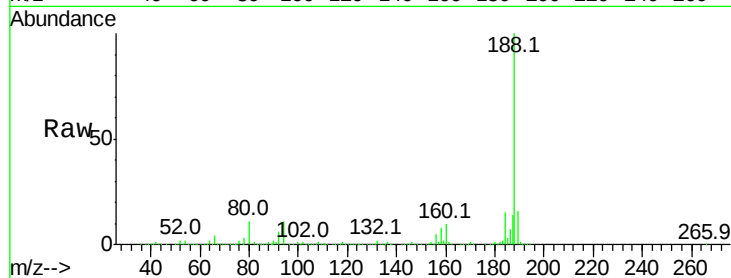




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF107520.D
Acq: 20 Jul 2018 13:18

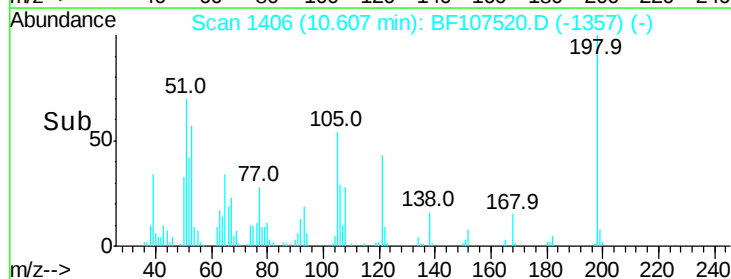
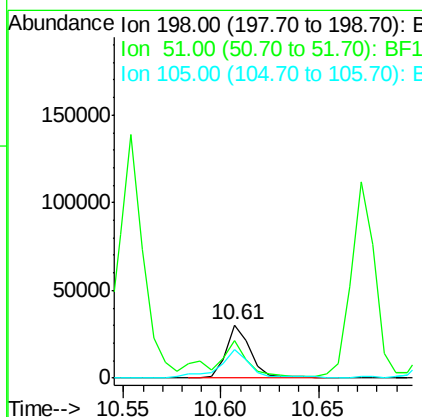
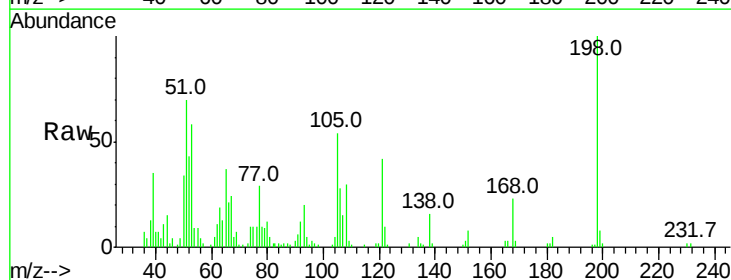
Instrument :
BNA_F
ClientSampleId :

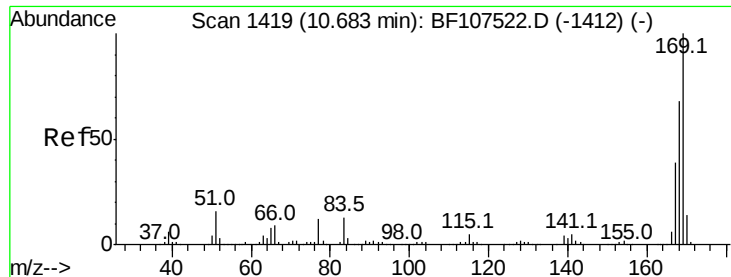
Tot Ion:188 Resp: 1265164
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 4.376 ng
RT: 10.61 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF107520.D
Acq: 20 Jul 2018 13:18

Tgt Ion:198 Resp: 26375
Ion Ratio Lower Upper
198 100
51 70.0 37.7 77.7
105 53.8 36.3 76.3

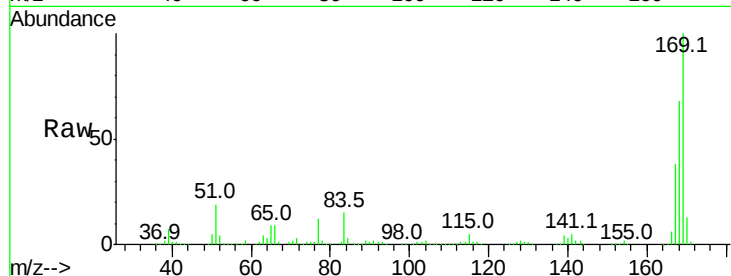




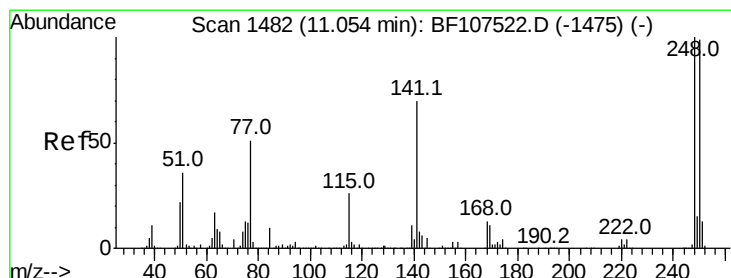
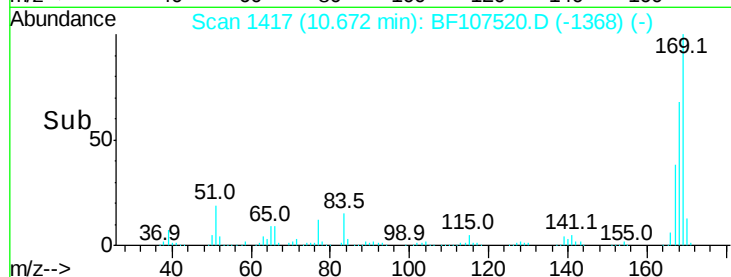
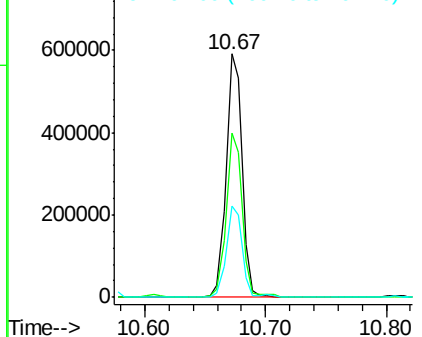
#65
 n-Nitrosodiphenylamine
 Concen: 13.460 ng
 RT: 10.67 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF107520.D
 Acq: 20 Jul 2018 13:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 537827
 Ion Ratio Lower Upper
 169 100
 168 67.5 54.4 81.6
 167 37.5 29.8 44.6

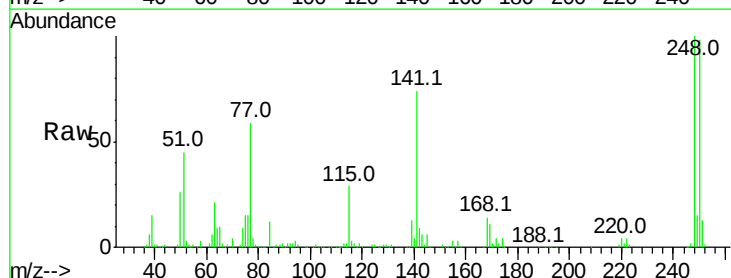


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

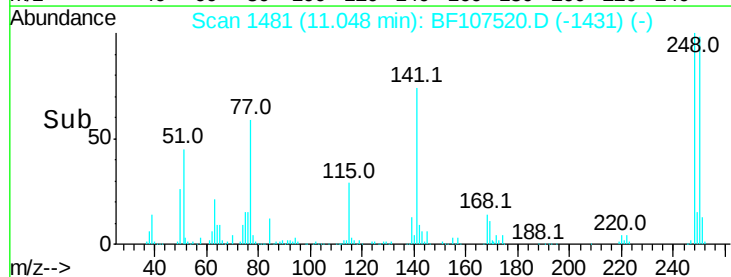
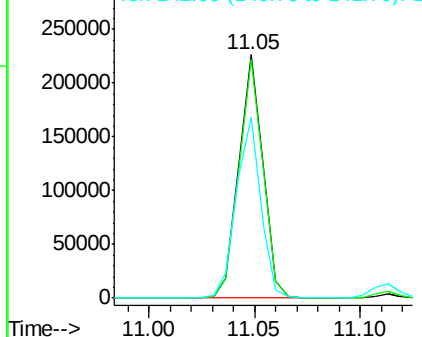


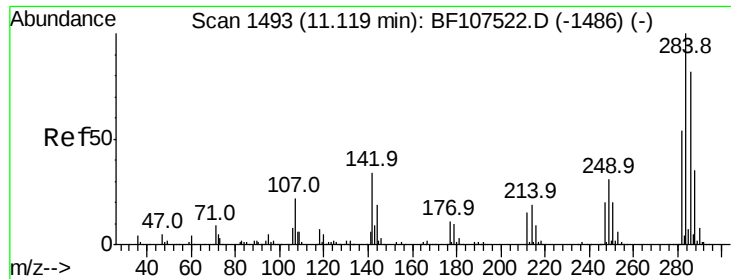
#66
 4-Bromophenyl-phenylether
 Concen: 12.295 ng
 RT: 11.05 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF107520.D
 Acq: 20 Jul 2018 13:18

Tgt Ion:248 Resp: 177964
 Ion Ratio Lower Upper
 248 100
 250 98.1 76.9 115.3
 141 74.4 74.4 111.6



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





#67

Hexachlorobenzene

Concen: 14.774 ng

RT: 11.11 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BF107520.D

Acq: 20 Jul 2018 13:18

Instrument :

BNA_F

ClientSampleId :

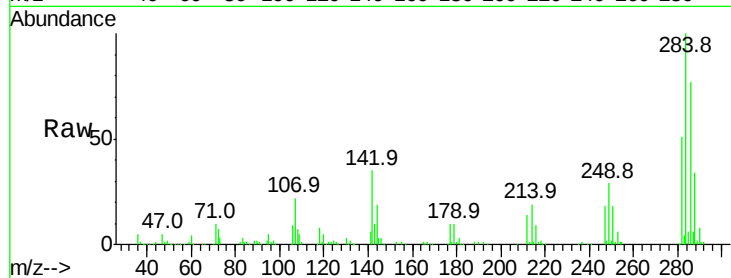
Tot Ion:284 Resp: 197946

Ion Ratio Lower Upper

284 100

142 34.6 34.6 52.0#

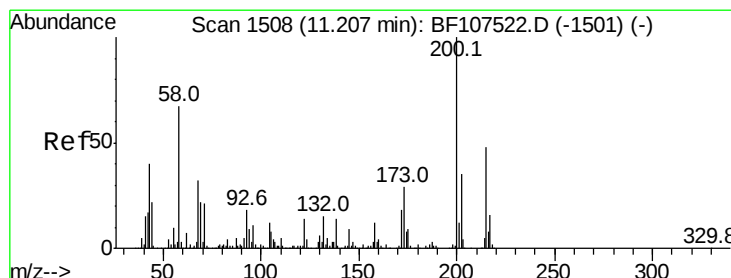
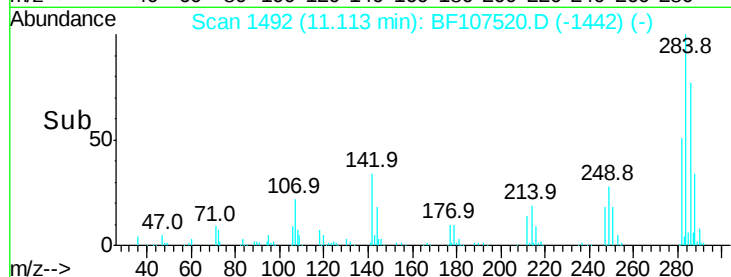
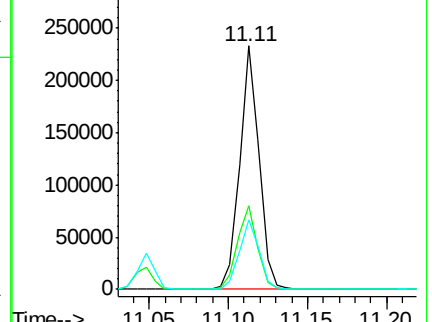
249 28.7 24.8 37.2



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: 10.418 ng

RT: 11.20 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BF107520.D

Acq: 20 Jul 2018 13:18

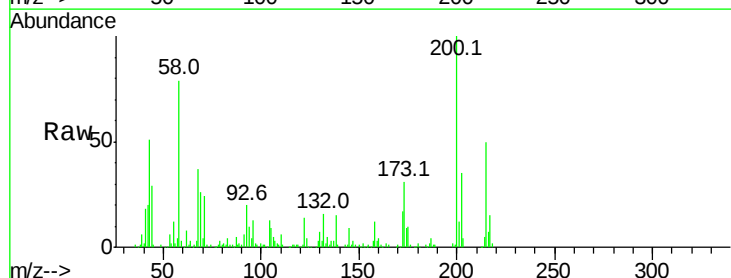
Tgt Ion:200 Resp: 157318

Ion Ratio Lower Upper

200 100

173 31.3 8.6 48.6

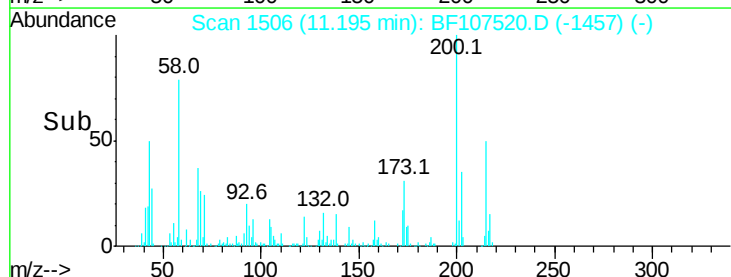
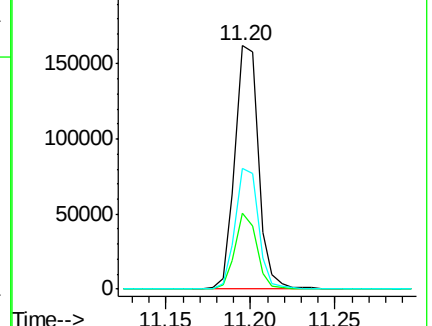
215 49.6 25.1 65.1

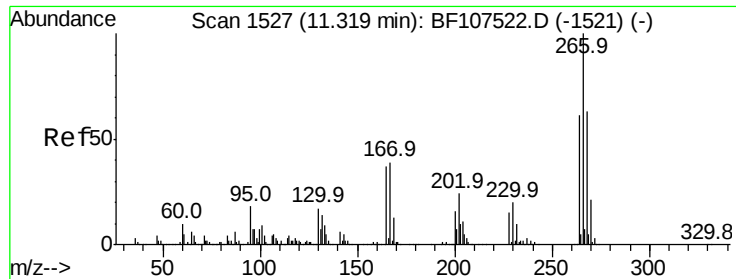


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

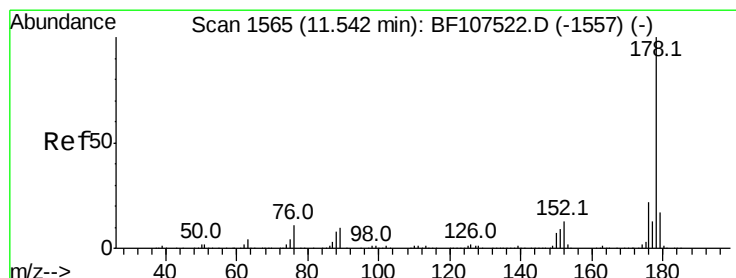
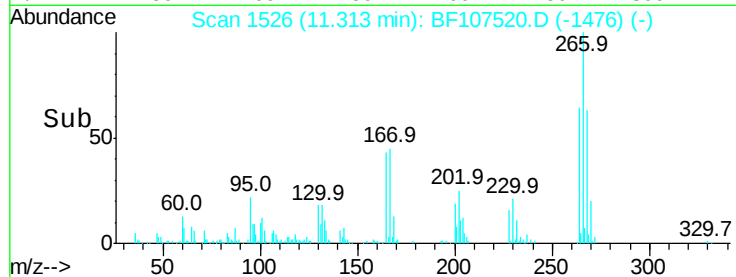
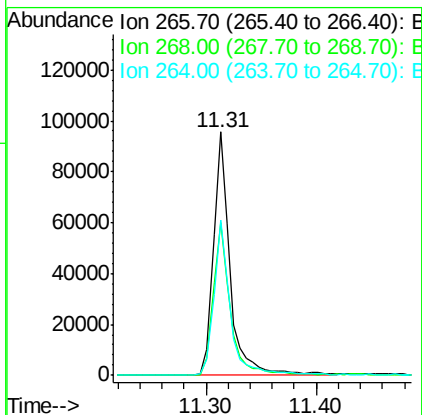
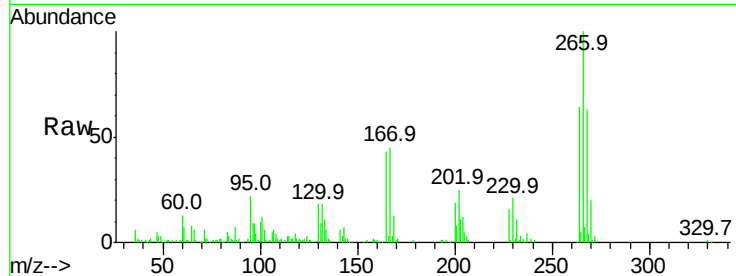




#69
 Pentachlorophenol
 Concen: 10.049 ng
 RT: 11.31 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF107520.D
 Acq: 20 Jul 2018 13:18

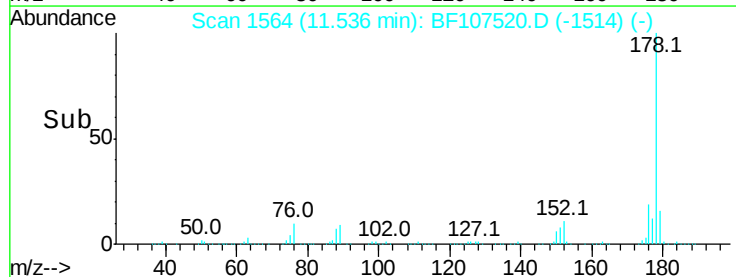
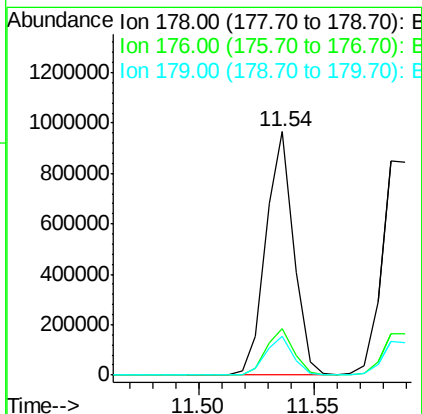
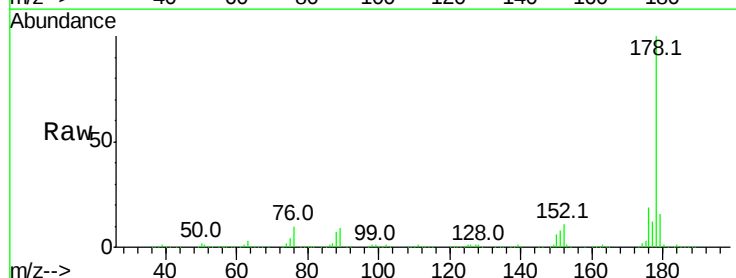
Instrument :
 BNA_F
 ClientSampleId :

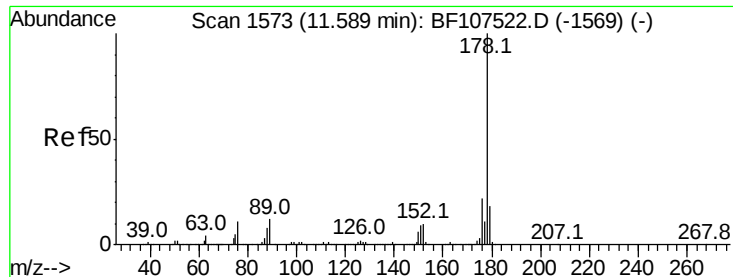
Tot Ion:266 Resp: 99503
 Ion Ratio Lower Upper
 266 100
 268 62.8 51.1 76.7
 264 63.7 49.5 74.3



#70
 Phenanthrene
 Concen: 12.842 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF107520.D
 Acq: 20 Jul 2018 13:18

Tgt Ion:178 Resp: 809712
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.7 13.0 19.6

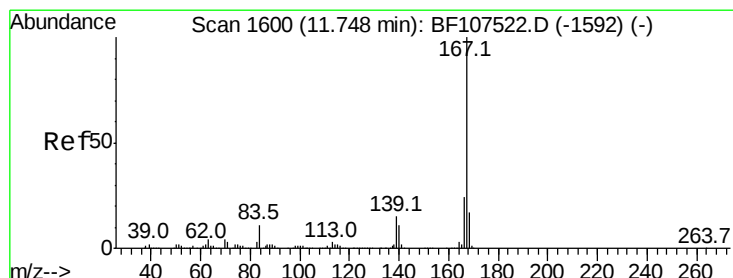
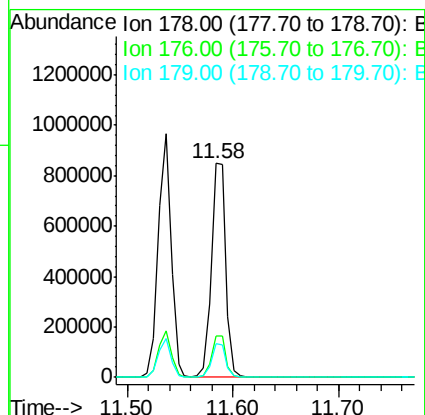
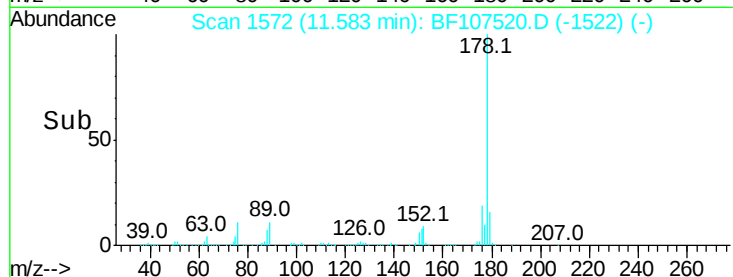
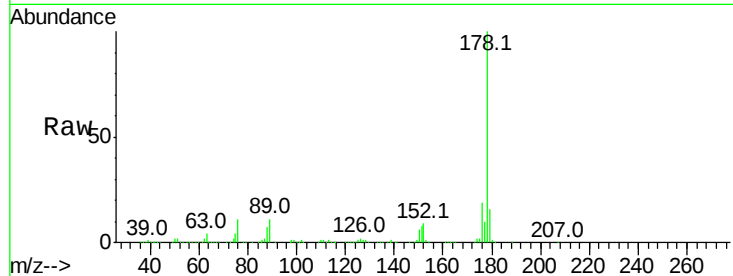




#71
 Anthracene
 Concen: 13.011 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF107520.D
 Acq: 20 Jul 2018 13:18

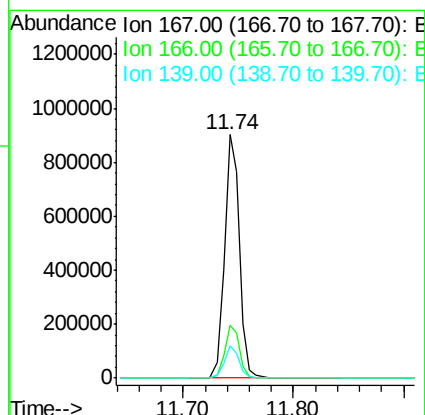
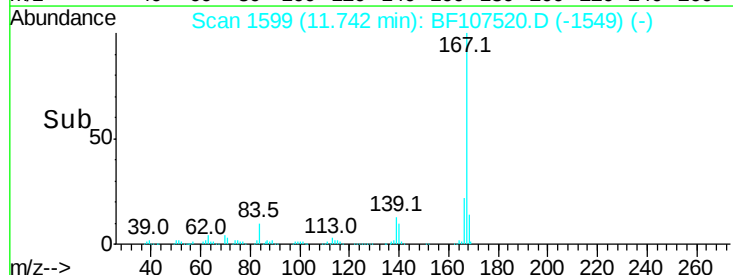
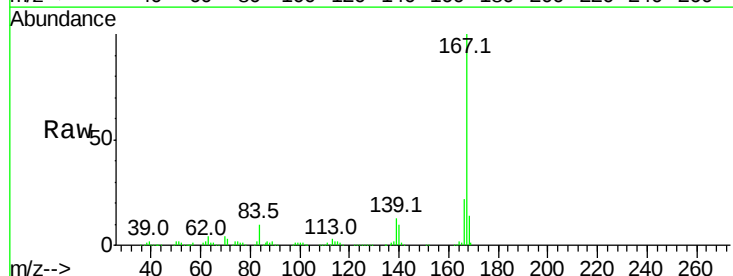
Instrument :
 BNA_F
 ClientSampleId :

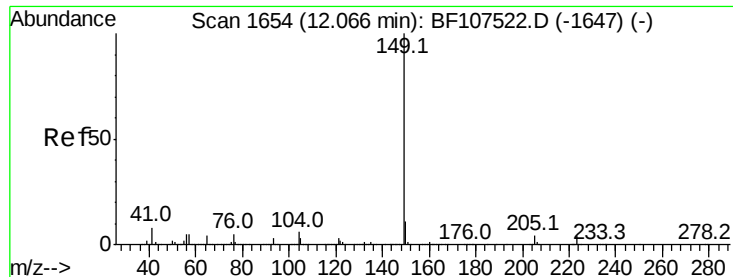
Tot Ion:178 Resp: 817052
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 14.223 ng
 RT: 11.74 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF107520.D
 Acq: 20 Jul 2018 13:18

Tgt Ion:167 Resp: 845630
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 13.3 10.9 16.3

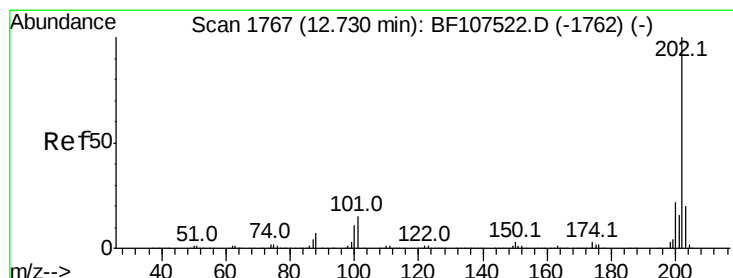
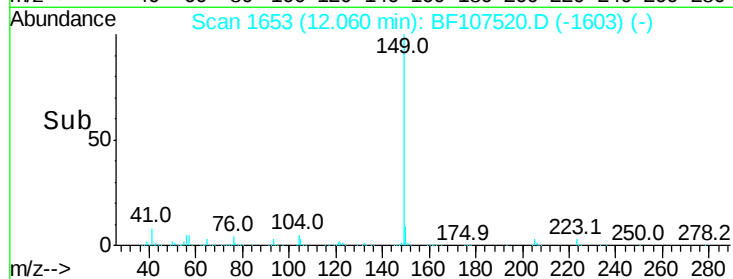
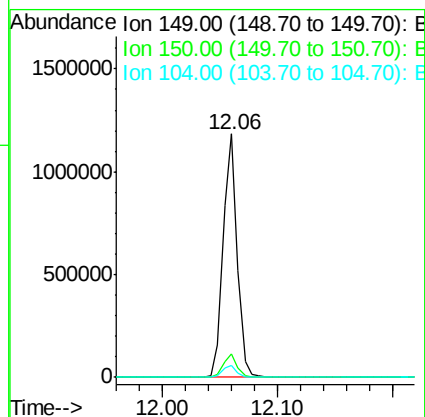
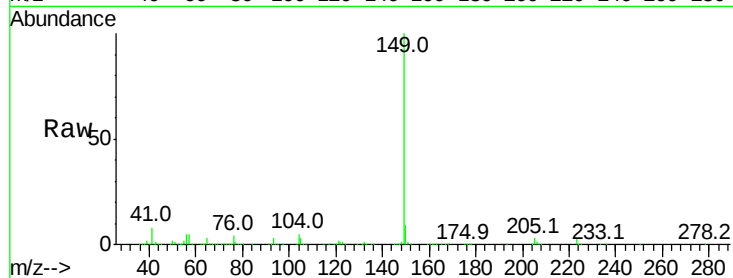




#73
Di-n-butylphthalate
Concen: 14.555 ng
RT: 12.06 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BF107520.D
Acq: 20 Jul 2018 13:18

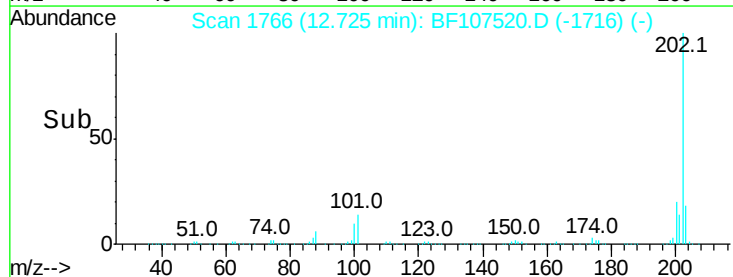
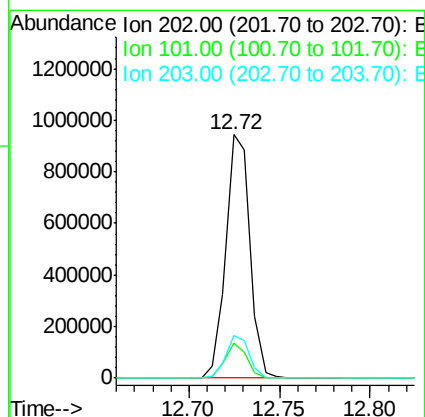
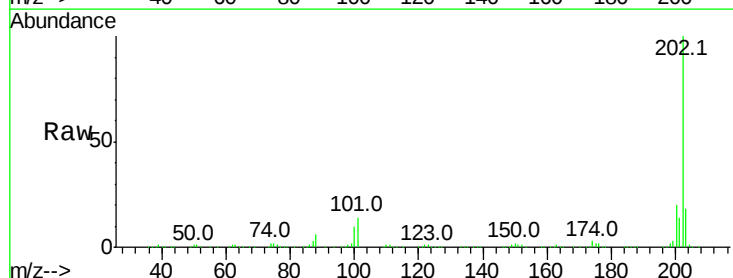
Instrument :
BNA_F
ClientSampleId :

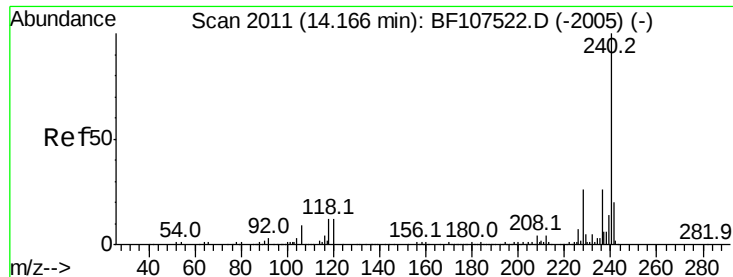
Tot Ion:149 Resp: 994482
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 4.7 3.8 5.8



#74
Fluoranthene
Concen: 12.132 ng
RT: 12.72 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BF107520.D
Acq: 20 Jul 2018 13:18

Tgt Ion:202 Resp: 869443
Ion Ratio Lower Upper
202 100
101 14.2 0.0 34.1
203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF107520.D

Acq: 20 Jul 2018 13:18

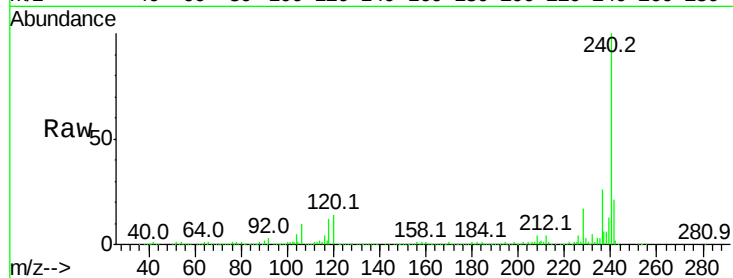
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 1067123

Ion	Ratio	Lower	Upper
240	100		
120	14.1	9.5	14.3
236	26.2	20.7	31.1

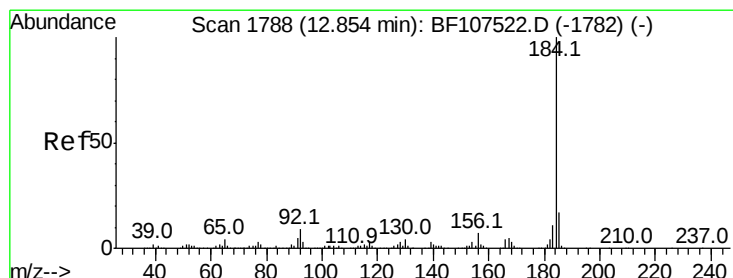
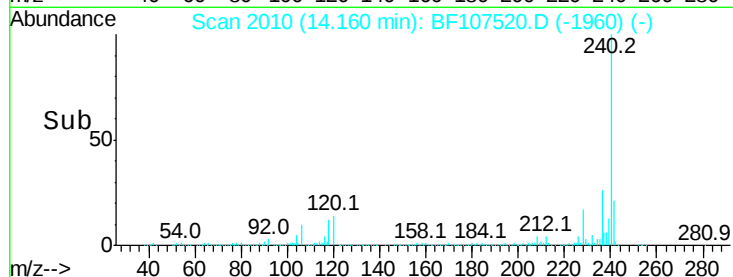
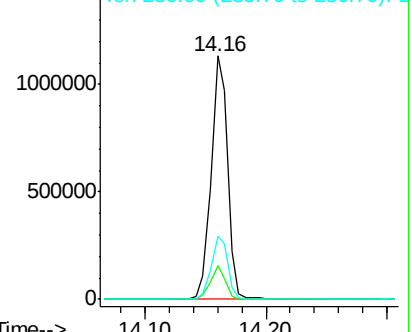


Abundance

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: 9.860 ng

RT: 12.85 min Scan# 1788

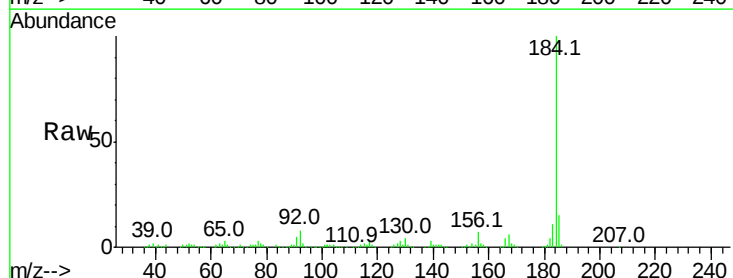
Delta R.T. 0.00 min

Lab File: BF107520.D

Acq: 20 Jul 2018 13:18

Tgt Ion:184 Resp: 408337

Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.6	18.8
183	10.6	9.3	13.9

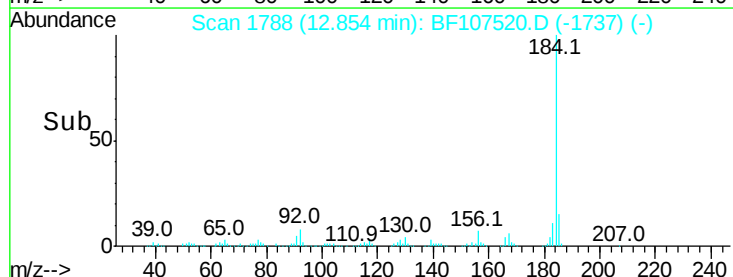
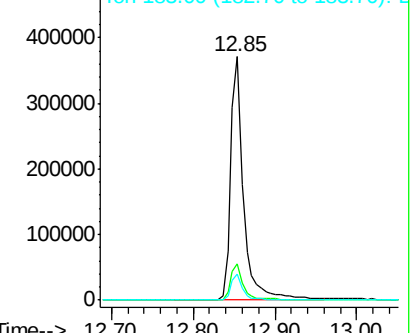


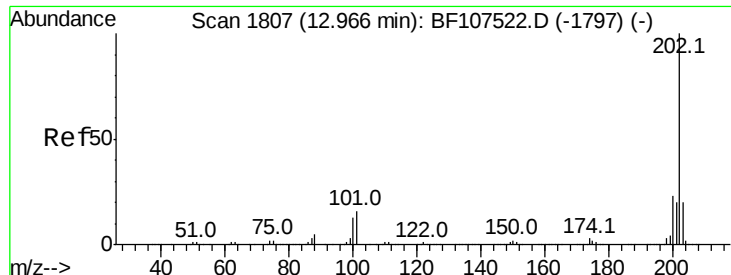
Abundance

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

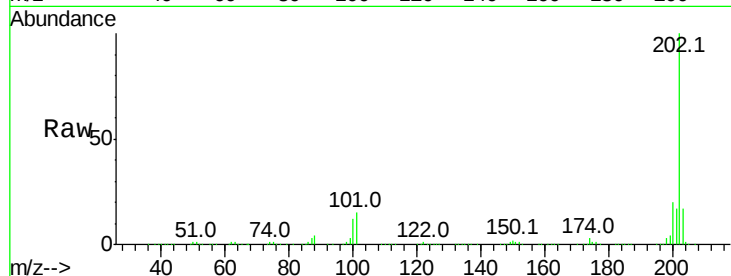




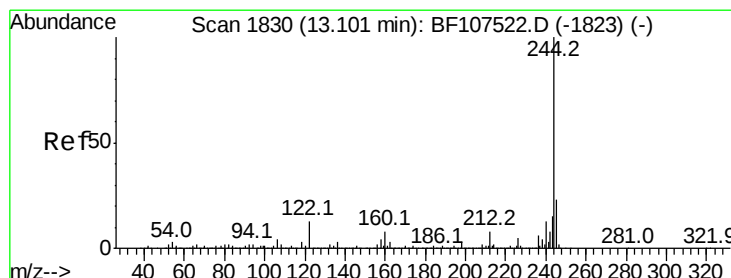
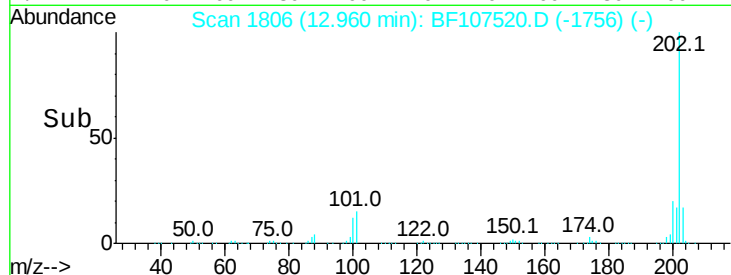
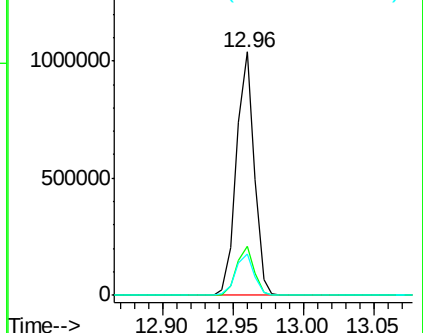
#77
Pvrene
Concen: 12.593 ng
RT: 12.96 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF107520.D
Acq: 20 Jul 2018 13:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 913792
Ion Ratio Lower Upper
202 100
200 20.0 17.4 26.2
203 17.2 14.3 21.5

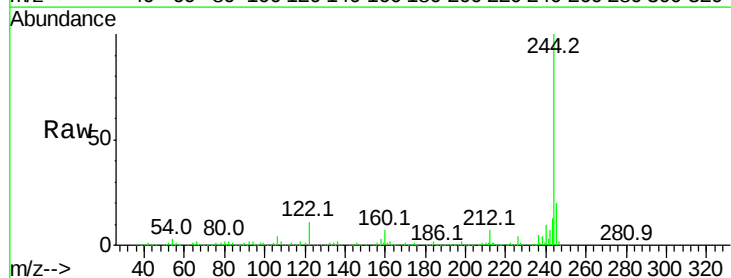


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

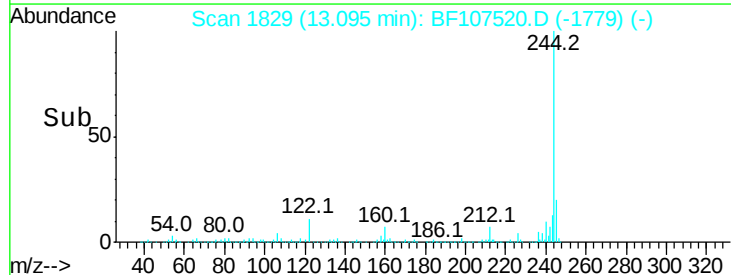
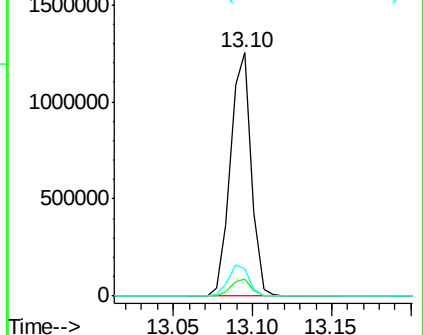


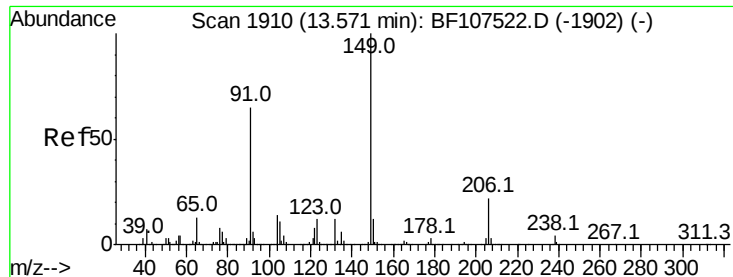
#78
Terphenyl-d14
Concen: 26.538 ng
RT: 13.10 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF107520.D
Acq: 20 Jul 2018 13:18

Tgt Ion:244 Resp: 1139787
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 11.5 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

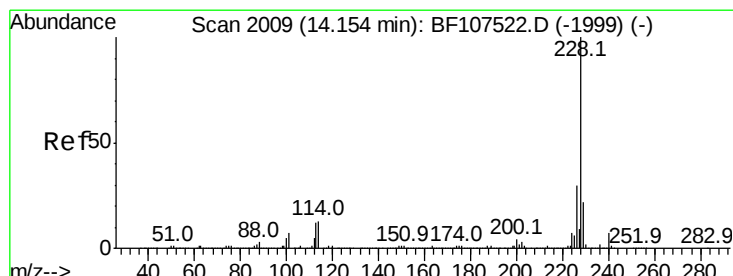
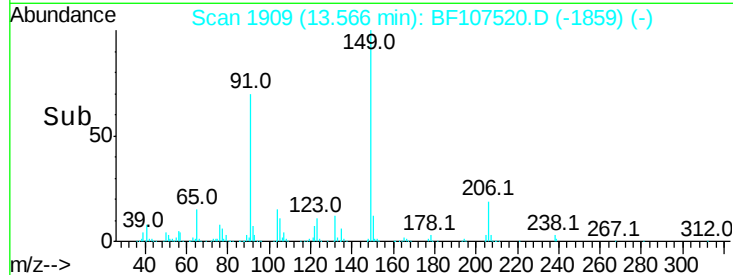
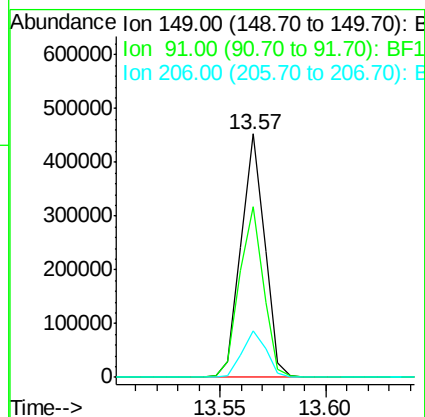
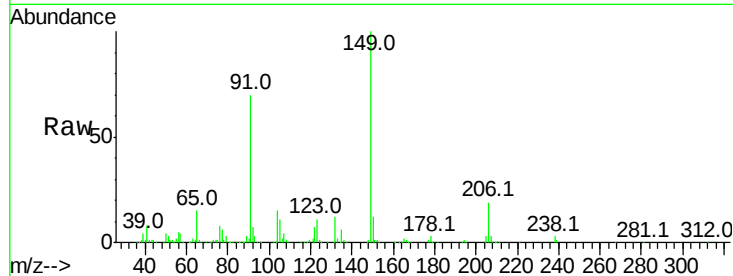




#79
 Butylbenzylphthalate
 Concen: 13.234 ng
 RT: 13.57 min Scan# 1909
 Delta R.T. -0.01 min
 Lab File: BF107520.D
 Acq: 20 Jul 2018 13:18

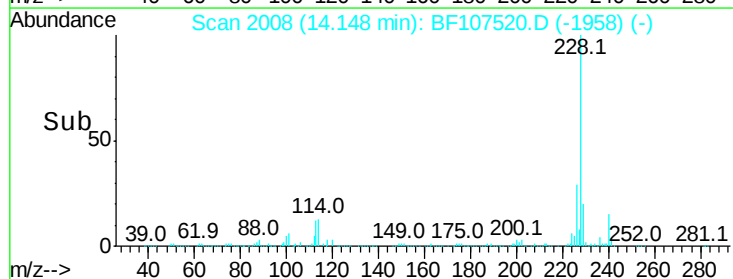
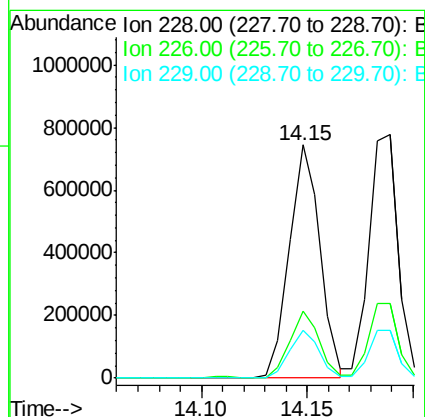
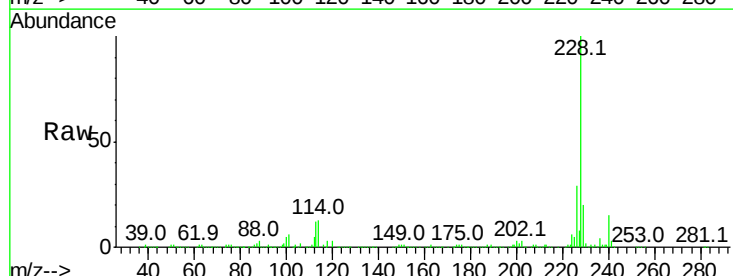
Instrument :
 BNA_F
 ClientSampleId :

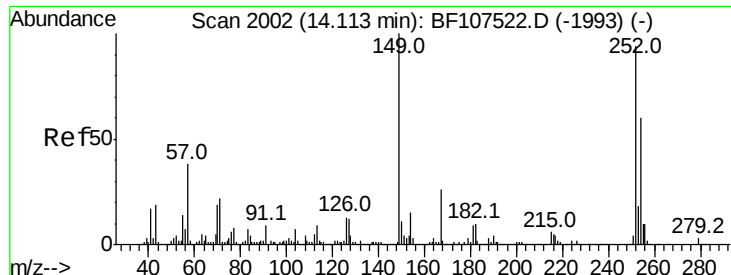
Tot Ion:	149	Resp:	349821
Ion	Ratio	Lower	Upper
149	100		
91	70.3	56.8	85.2
206	18.9	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 11.520 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF107520.D
 Acq: 20 Jul 2018 13:18

Tgt Ion:	228	Resp:	752146
Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	20.3	15.8	23.6

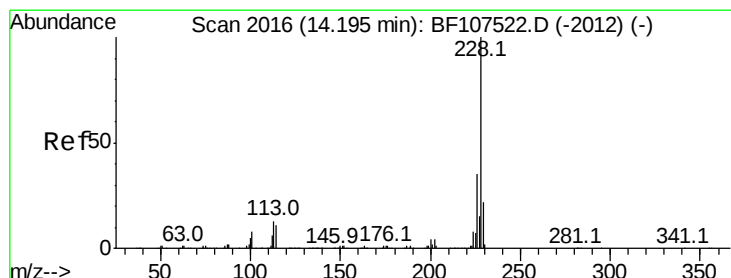
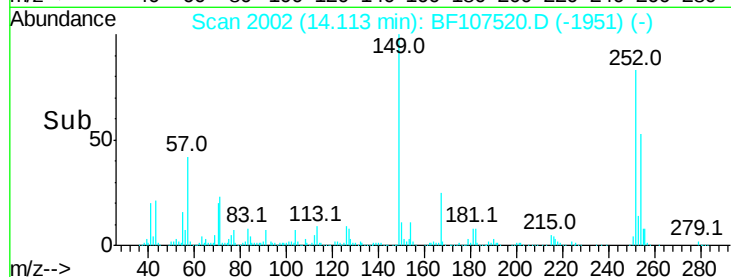
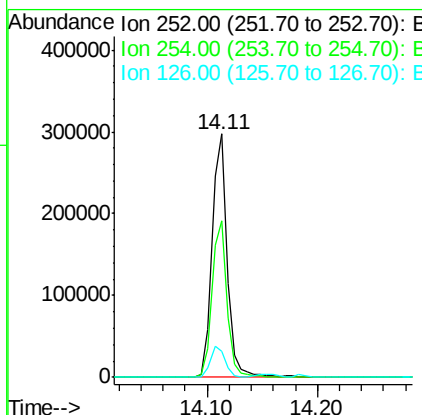
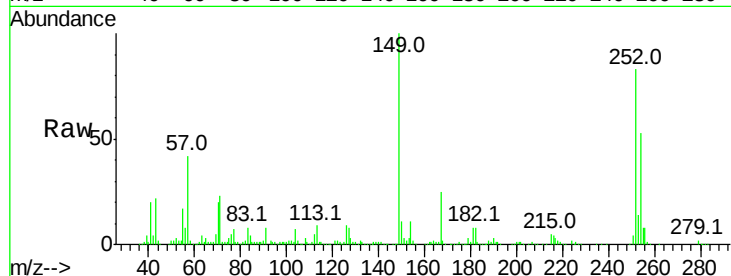




#81
 3,3'-Dichlorobenzidine
 Concen: 12.613 ng
 RT: 14.11 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BF107520.D
 Acq: 20 Jul 2018 13:18

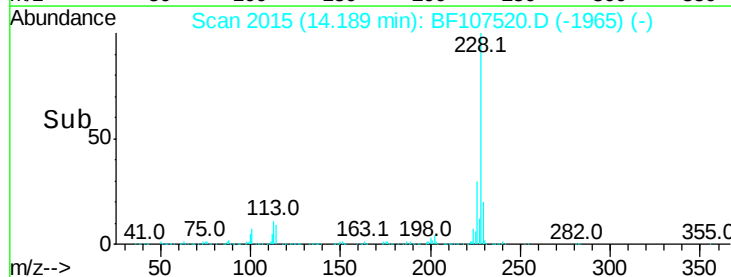
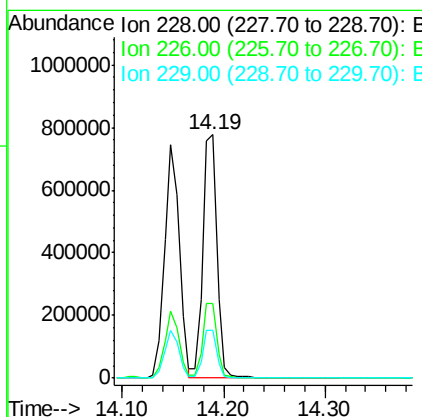
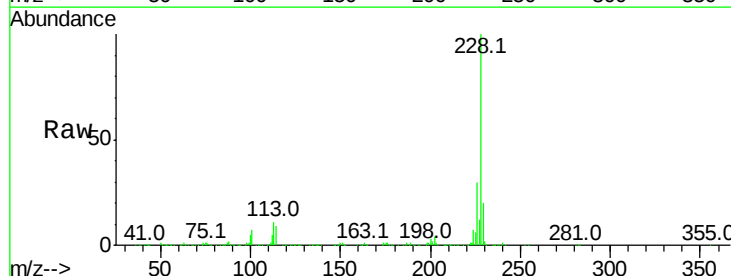
Instrument :
 BNA_F
 ClientSampleId :

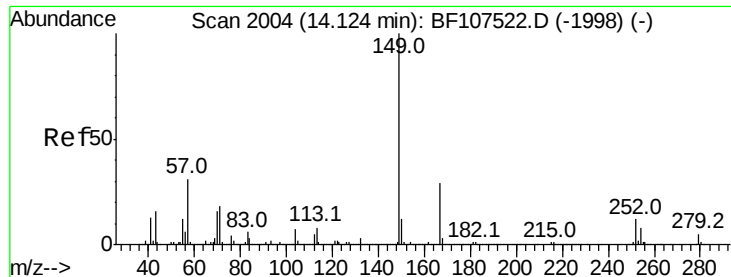
Tot Ion:252 Resp: 276207
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.4 75.6
 126 10.6 11.3 16.9#



#82
 Chrysene
 Concen: 12.096 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF107520.D
 Acq: 20 Jul 2018 13:18

Tgt Ion:228 Resp: 754420
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.0 37.6
 229 19.8 16.2 24.4

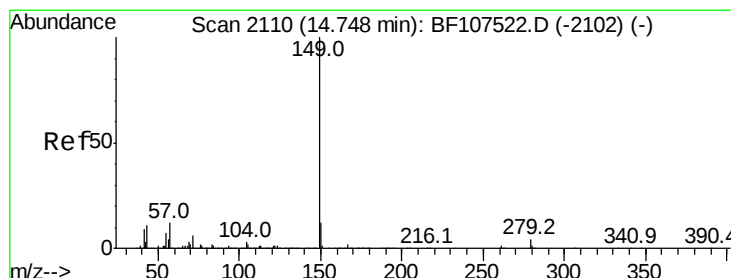
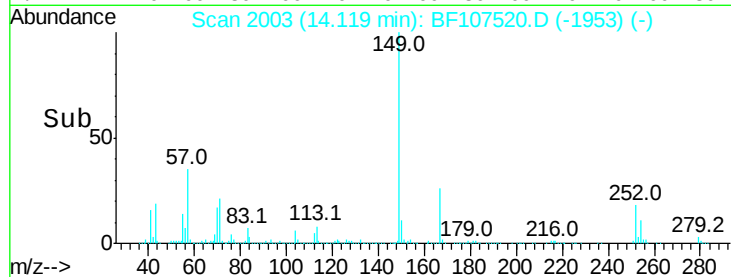
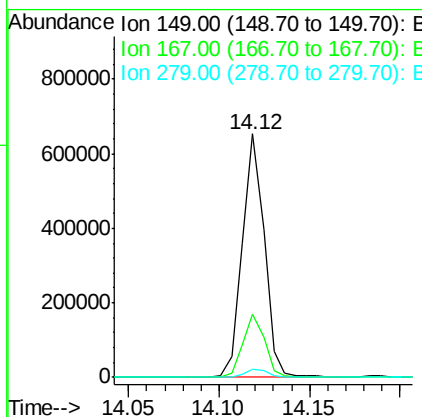
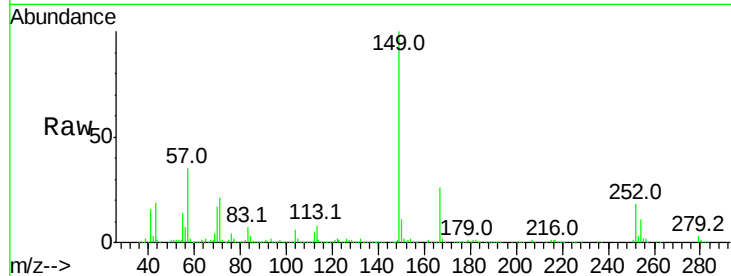




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 14.607 ng
 RT: 14.12 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF107520.D
 Acq: 20 Jul 2018 13:18

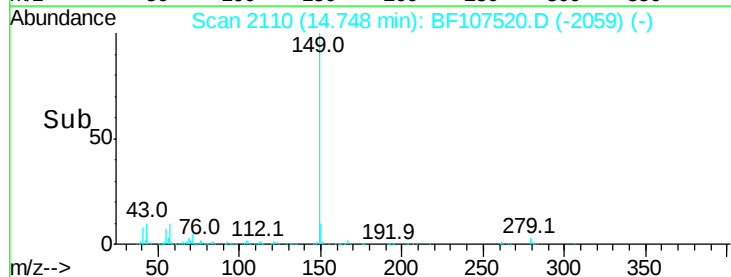
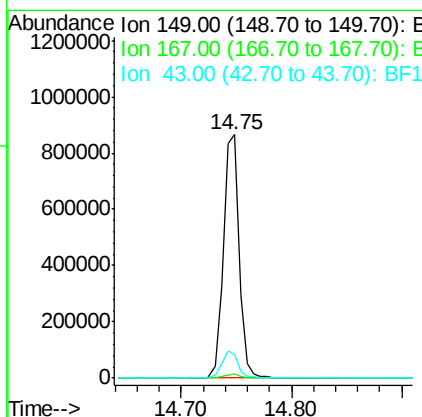
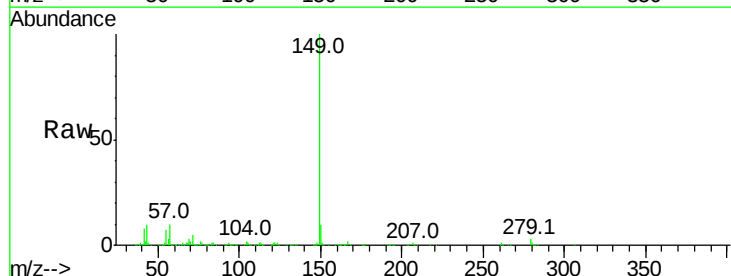
Instrument :
 BNA_F
 ClientSampleId :

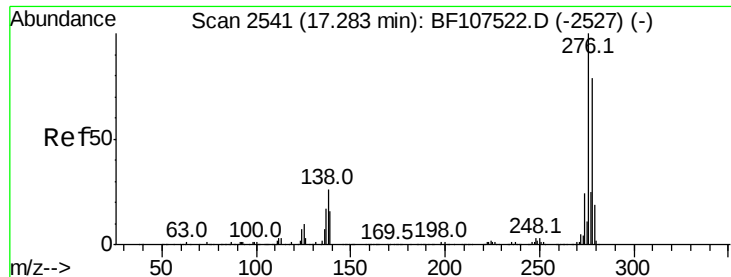
Tot Ion:149 Resp: 553271
 Ion Ratio Lower Upper
 149 100
 167 25.8 21.3 31.9
 279 3.2 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 14.739 ng
 RT: 14.75 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: BF107520.D
 Acq: 20 Jul 2018 13:18

Tgt Ion:149 Resp: 867873
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.1 8.4 12.6

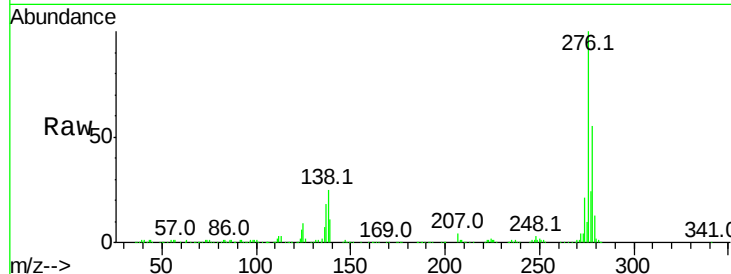




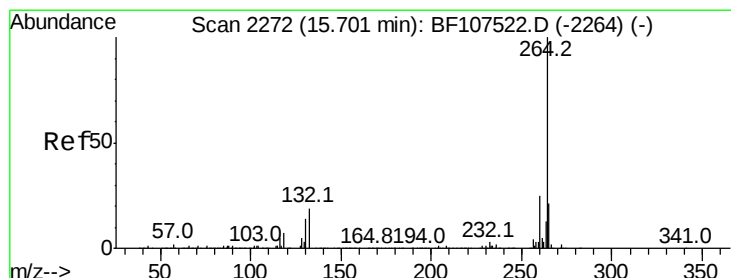
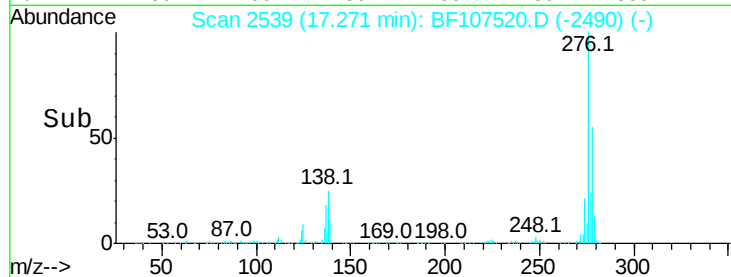
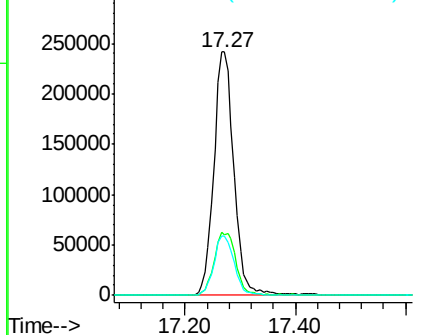
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 13.851 ng
 RT: 17.27 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BF107520.D
 Acq: 20 Jul 2018 13:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 614951
 Ion Ratio Lower Upper
 276 100
 138 27.7 25.0 37.6
 277 24.5 20.1 30.1

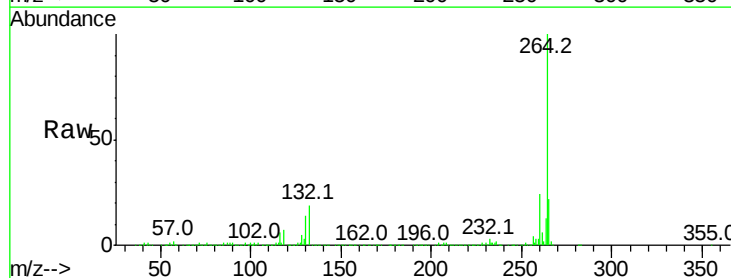


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

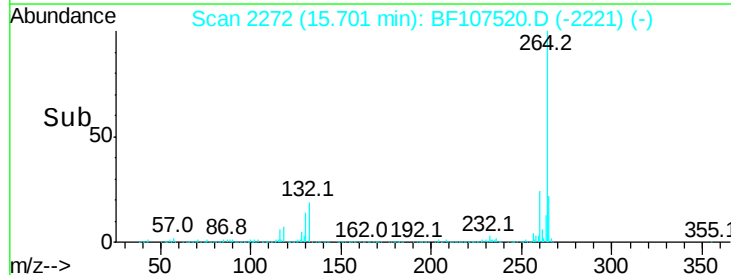
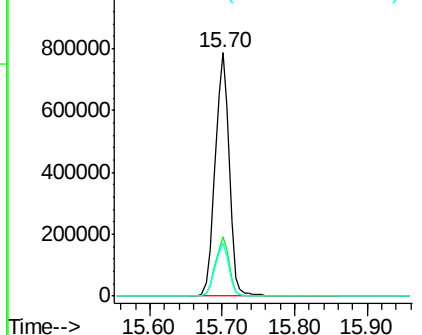


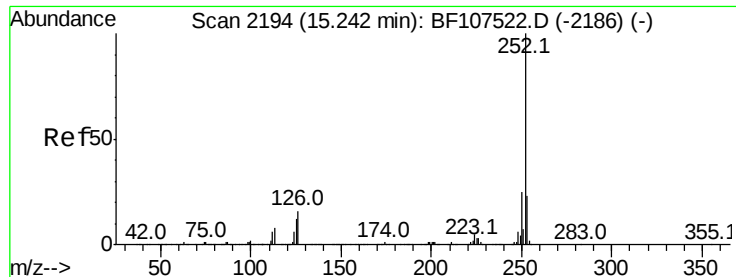
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: BF107520.D
 Acq: 20 Jul 2018 13:18

Tgt Ion:264 Resp: 1062517
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 22.0 17.5 26.3



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

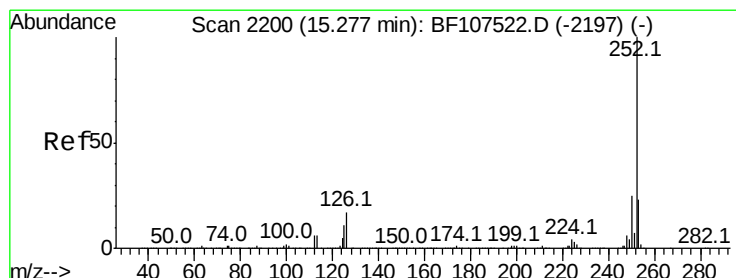
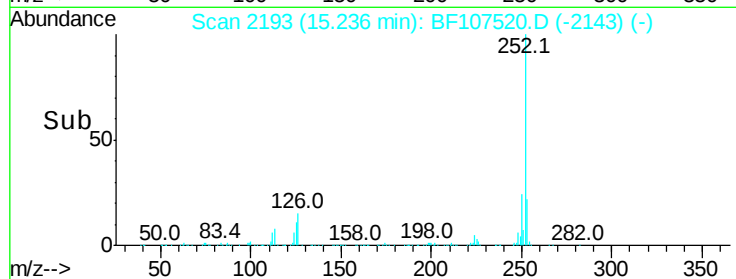
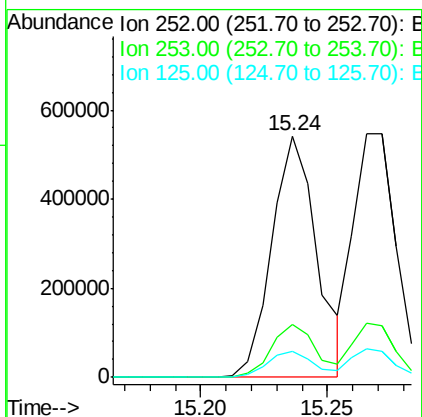
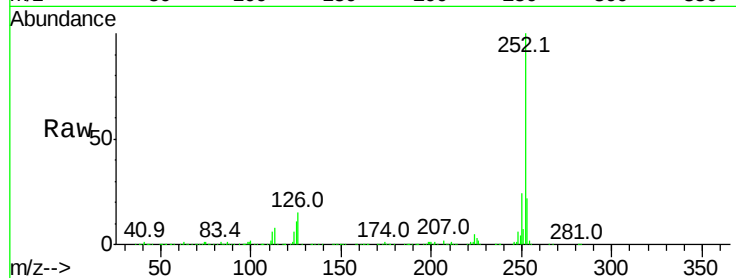




#87
Benzo(b)fluoranthene
Concen: 10.747 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BF107520.D
Acq: 20 Jul 2018 13:18

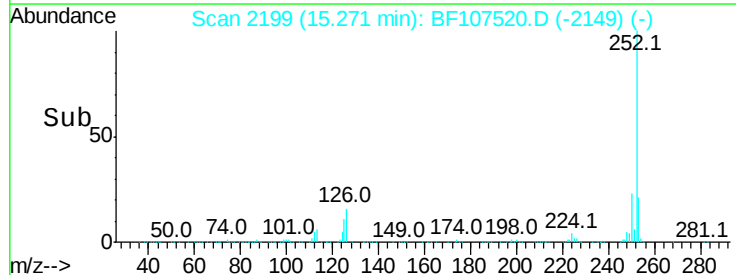
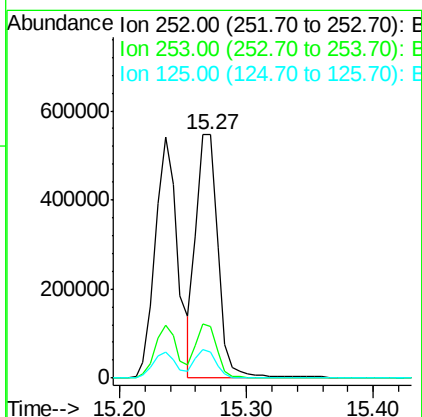
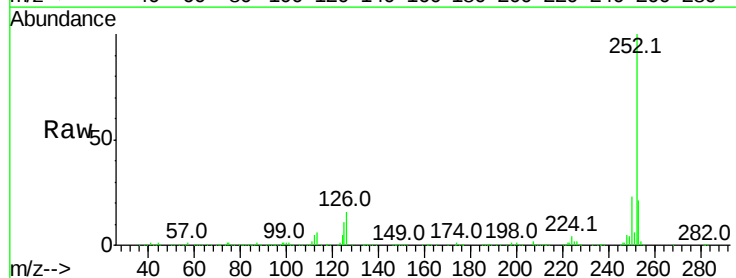
Instrument :
BNA_F
ClientSampleId :

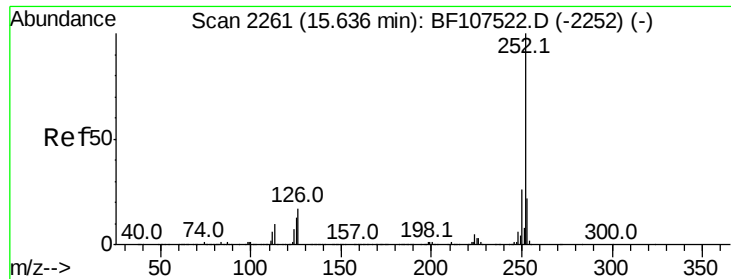
Tot Ion:252 Resp: 668339
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 11.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 10.788 ng
RT: 15.27 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF107520.D
Acq: 20 Jul 2018 13:18

Tgt Ion:252 Resp: 654752
Ion Ratio Lower Upper
252 100
253 21.3 17.9 26.9
125 10.5 10.2 15.2

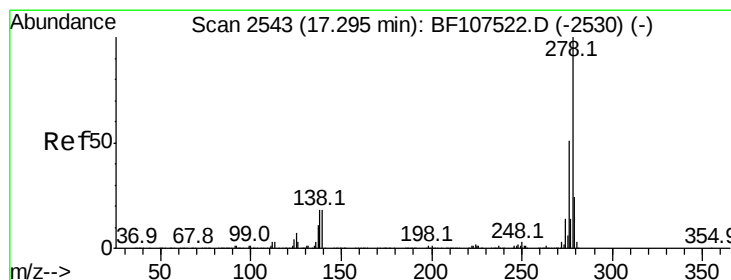
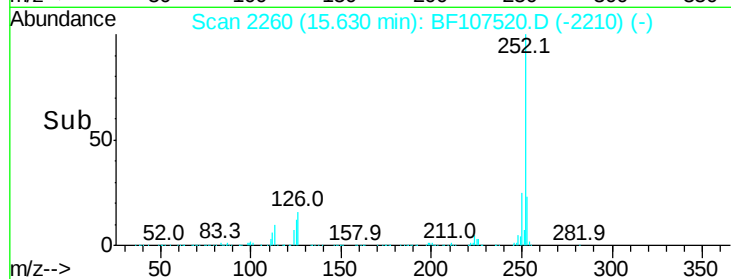
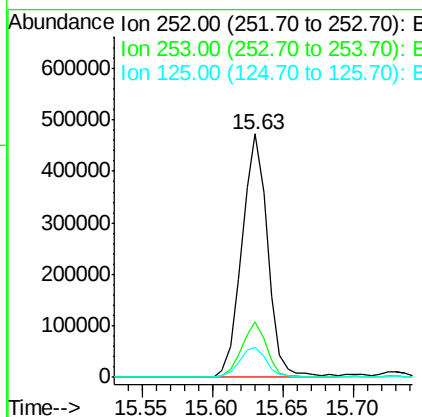
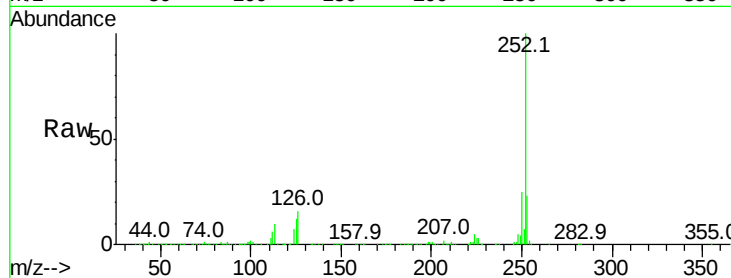




#89
Benzo(a)pyrene
Concen: 10.601 ng
RT: 15.63 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF107520.D
Acq: 20 Jul 2018 13:18

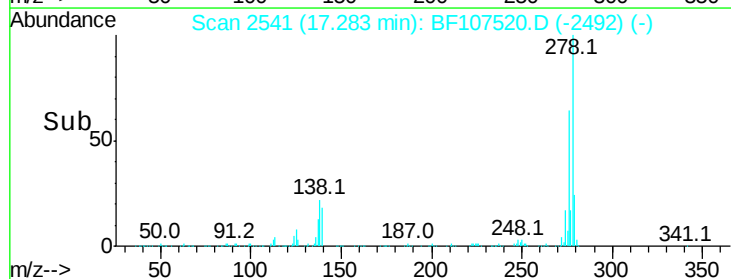
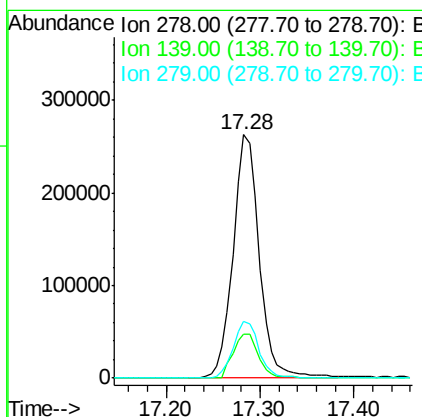
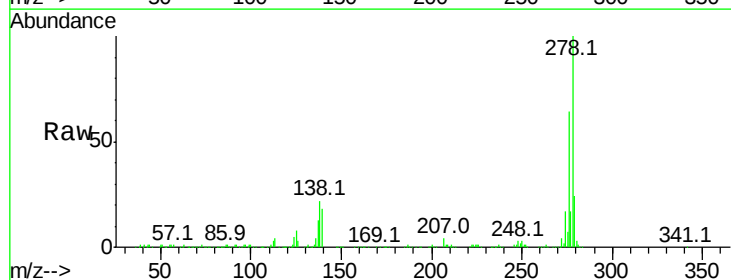
Instrument :
BNA_F
ClientSampleId :

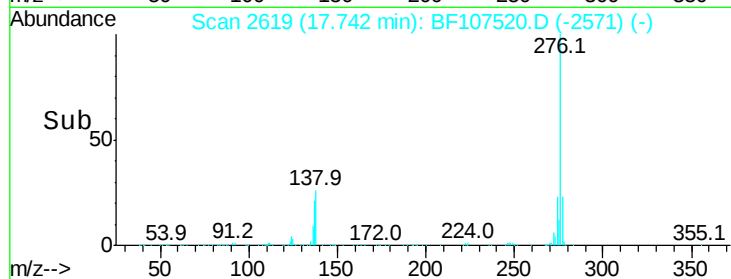
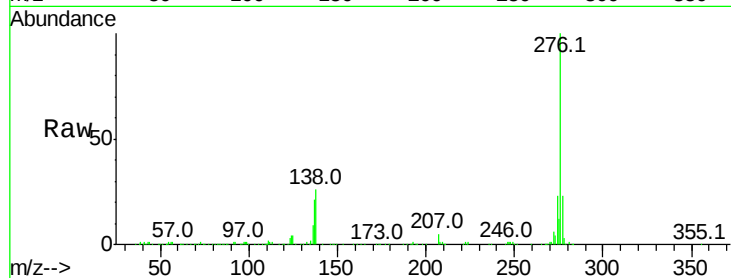
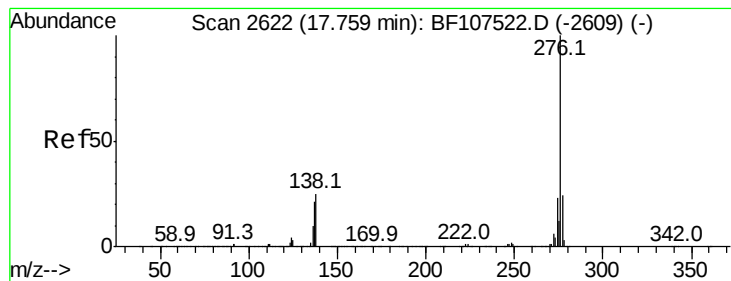
Tot Ion:252 Resp: 605135
Ion Ratio Lower Upper
252 100
253 22.9 17.1 25.7
125 12.2 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 11.896 ng
RT: 17.28 min Scan# 2541
Delta R.T. -0.01 min
Lab File: BF107520.D
Acq: 20 Jul 2018 13:18

Tgt Ion:278 Resp: 512474
Ion Ratio Lower Upper
278 100
139 18.1 15.9 23.9
279 23.5 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 11.290 ng

RT: 17.74 min Scan# 2619

Delta R.T. -0.02 min

Lab File: BF107520.D

Acq: 20 Jul 2018 13:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 494222

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 26.0 21.8 32.8

