

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107141.D
 Acq On : 5 Jul 2018 21:47
 Operator : JU/SJ
 Sample : J3480-17MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 06 04:13:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	53227	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	194165	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	85279	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	146213	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	154069	20.00	ng	-0.02
86) Perylene-d12	15.67	264	116924	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	269591	85.77	ng	0.00
7) Phenol-d6	6.60	99	329847	84.03	ng	-0.02
23) Nitrobenzene-d5	7.51	82	204445	58.52	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	81984	82.95	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	361233	68.90	ng	-0.02
78) Terphenyl-d14	13.07	244	379434	59.66	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.81	88	35440	21.930	ng	97
3) Pyridine	3.61	79	96850	22.098	ng	97
4) n-Nitrosodimethylamine	3.56	42	42700	22.939	ng	84
6) Aniline	6.61	93	121765	22.868	ng	# 54
8) 2-Chlorophenol	6.74	128	98831	28.666	ng	97
9) Benzaldehyde	6.51	77	48216	15.292	ng	94
10) Phenol	6.61	94	128123	28.600	ng	75
11) bis(2-Chloroethyl)ether	6.68	93	99124	26.802	ng	98
12) 1,3-Dichlorobenzene	6.89	146	113432	28.091	ng	98
13) 1,4-Dichlorobenzene	6.97	146	115571	28.309	ng	98
14) 1,2-Dichlorobenzene	7.12	146	107935	28.849	ng	97
15) Benzyl Alcohol	7.09	79	83644	26.537	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.22	45	138211	28.483	ng	67
17) 2-Methylphenol	7.21	107	81593	27.655	ng	# 90
18) Hexachloroethane	7.45	117	30182	21.024	ng	# 88
19) n-Nitroso-di-n-propylamine	7.35	70	68476	26.464	ng	94
20) 3+4-Methylphenols	7.37	107	106795	30.692	ng	95
22) Acetophenone	7.35	105	138885	31.972	ng	# 99
24) Nitrobenzene	7.53	77	102351	28.693	ng	98
25) Isophorone	7.77	82	182321	29.614	ng	98
26) 2-Nitrophenol	7.85	139	44619	26.497	ng	99
27) 2,4-Dimethylphenol	7.88	122	85604	32.890	ng	99
28) bis(2-Chloroethoxy)methane	7.97	93	119118	28.816	ng	99
29) 2,4-Dichlorophenol	8.10	162	84038	30.841	ng	92
30) 1,2,4-Trichlorobenzene	8.17	180	94548	31.497	ng	98
31) Naphthalene	8.25	128	272471	30.015	ng	99
32) Benzoic acid	7.98	122	10627	10.674	ng	90
33) 4-Chloroaniline	8.31	127	94668	24.854	ng	98
34) Hexachlorobutadiene	8.36	225	60737	31.052	ng	99
35) Caprolactam	8.66	113	21835	24.583	ng	97
36) 4-Chloro-3-methylphenol	8.80	107	80182	27.956	ng	95
37) 2-Methylnaphthalene	8.94	142	192041	31.916	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	98267	34.216	ng	# 95
42) 2,4,6-Trichlorophenol	9.23	196	54842	28.728	ng	90

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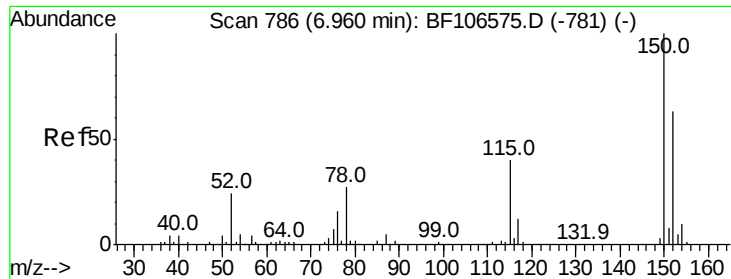
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	9.28	196	54601	27.410	nq	# 88
45) 1,1'-Biphenyl	9.41	154	225509	33.181	nq	97
46) 2-Chloronaphthalene	9.44	162	160215	29.949	nq	96
47) 2-Nitroaniline	9.54	65	49270	27.388	nq	92
48) Acenaphthylene	9.85	152	242740	28.740	nq	99
49) Dimethylphthalate	9.70	163	250830	39.217	nq	99
50) 2,6-Dinitrotoluene	9.78	165	38295	28.275	nq	# 83
51) Acenaphthene	10.02	154	143232	26.930	nq	97
52) 3-Nitroaniline	9.95	138	41473	26.610	nq	97
53) 2,4-Dinitrophenol	10.08	184	1081	6.785	nq	# 31
54) Dibenzofuran	10.20	168	219675	30.164	nq	96
55) 4-Nitrophenol	10.13	139	35061	32.229	nq	96
56) 2,4-Dinitrotoluene	10.18	165	45597	25.792	nq	91
57) Fluorene	10.54	166	167715	29.021	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	40905	25.832	nq	# 80
59) Diethylphthalate	10.40	149	171366	27.759	nq	96
60) 4-Chlorophenyl-phenylether	10.52	204	88629	29.311	nq	# 87
61) 4-Nitroaniline	10.57	138	39100	25.279	nq	94
62) Azobenzene	10.69	77	150591	24.772	nq	91
64) 4,6-Dinitro-2-methylphenol	10.60	198	3149	3.484	nq	# 74
65) n-Nitrosodiphenylamine	10.65	169	143193	29.117	nq	100
66) 4-Bromophenyl-phenylether	11.02	248	54877	31.449	nq	# 77
67) Hexachlorobenzene	11.09	284	55428	30.349	nq	# 87
68) Atrazine	11.17	200	47199	30.190	nq	94
69) Pentachlorophenol	11.30	266	23876	26.200	nq	97
70) Phenanthrene	11.51	178	223556	31.700	nq	99
71) Anthracene	11.56	178	229300	31.855	nq	99
72) Carbazole	11.72	167	208909	30.999	nq	98
73) Di-n-butylphthalate	12.02	149	232716	29.311	nq	98
74) Fluoranthene	12.71	202	259241	33.352	nq	95
76) Benzidine	12.82	184	194854	44.408	nq	97
77) Pyrene	12.94	202	266386	26.220	nq	98
79) Butylbenzylphthalate	13.53	149	101106	24.204	nq	97
80) Benzo(a)anthracene	14.13	228	277579	29.561	nq	99
81) 3,3'-Dichlorobenzidine	14.08	252	102514	31.063	nq	# 95
82) Chrysene	14.17	228	256780	29.724	nq	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	135983	25.463	nq	96
84) Di-n-octyl phthalate	14.71	149	256396	29.454	nq	96
85) Indeno(1,2,3-cd)pyrene	17.25	276	171661	23.415	nq	# 90
87) Benzo(b)fluoranthene	15.21	252	229158	31.550	nq	# 97
88) Benzo(k)fluoranthene	15.24	252	210209	30.391	nq	# 96
89) Benzo(a)pyrene	15.61	252	192359	29.791	nq	# 97
90) Dibenzo(a,h)anthracene	17.26	278	146618	26.794	nq	# 93
91) Benzo(g,h,i)perylene	17.74	276	140447	26.259	nq	# 89

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

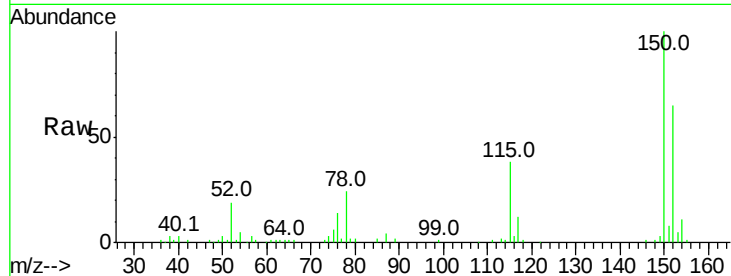


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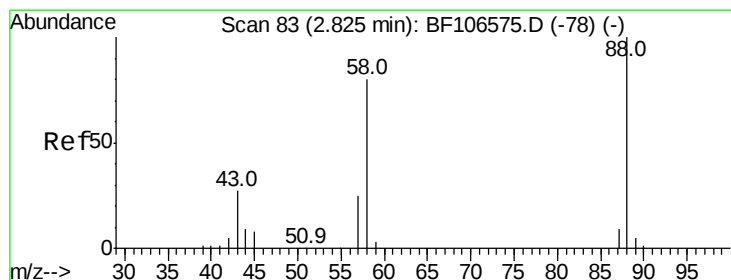
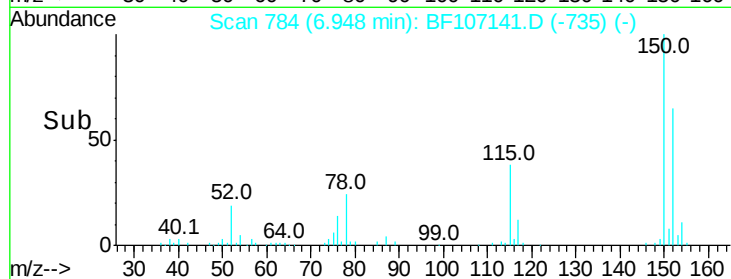
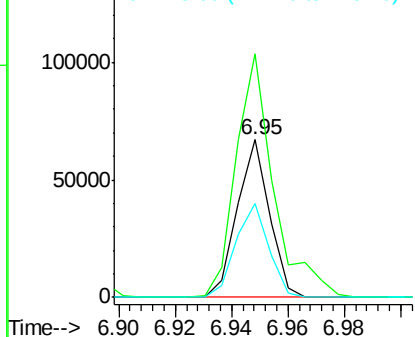
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107141.D
Acq: 5 Jul 2018 21:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 53227
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 59.4 50.1 75.1



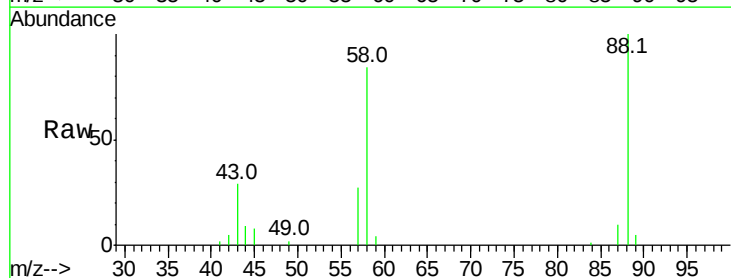
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



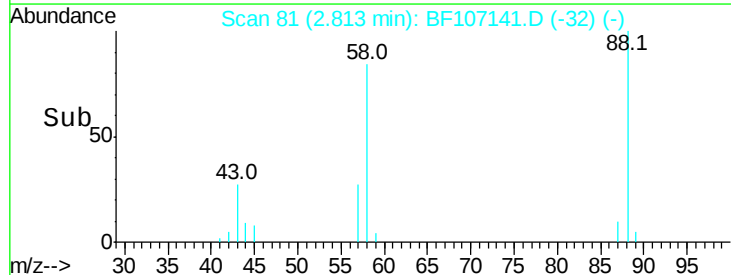
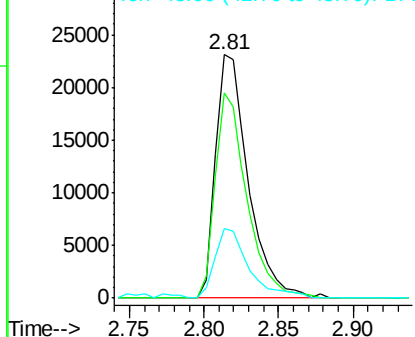
#2

1,4-Dioxane
Concen: 21.930 ng
RT: 2.81 min Scan# 81
Delta R.T. -0.01 min
Lab File: BF107141.D
Acq: 5 Jul 2018 21:47

Tgt Ion: 88 Resp: 35440
Ion Ratio Lower Upper
88 100
58 81.5 62.6 93.8
43 29.6 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: 22.098 ng

RT: 3.61 min Scan# 216

Delta R.T. 0.00 min

Lab File: BF107141.D

Acq: 5 Jul 2018 21:47

Instrument :

BNA_F

ClientSampleId :

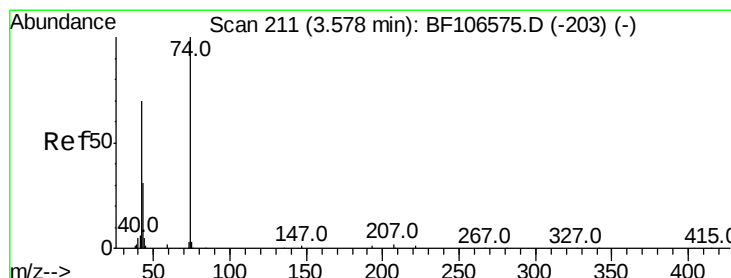
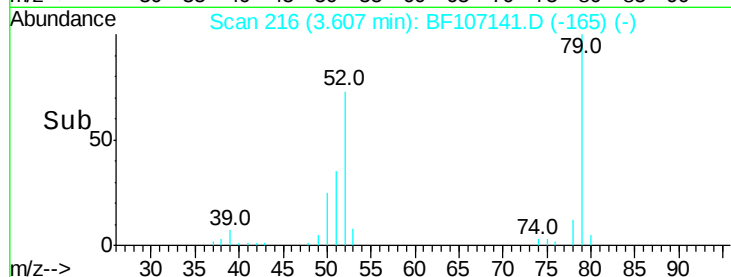
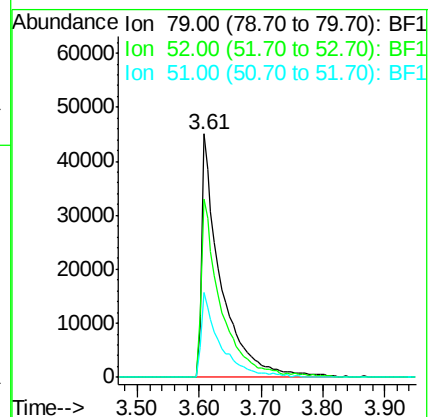
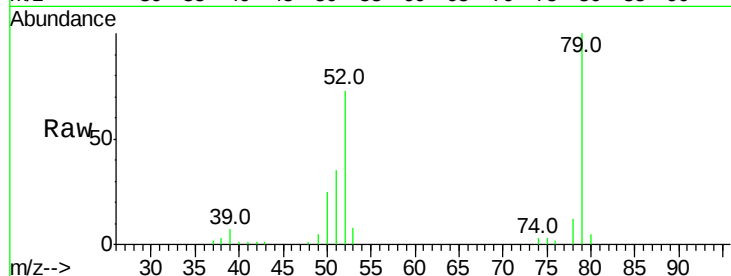
Tot Ion: 79 Resp: 96850

Ion Ratio Lower Upper

79 100

52 73.2 59.8 89.6

51 34.8 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 22.939 ng

RT: 3.56 min Scan# 208

Delta R.T. -0.03 min

Lab File: BF107141.D

Acq: 5 Jul 2018 21:47

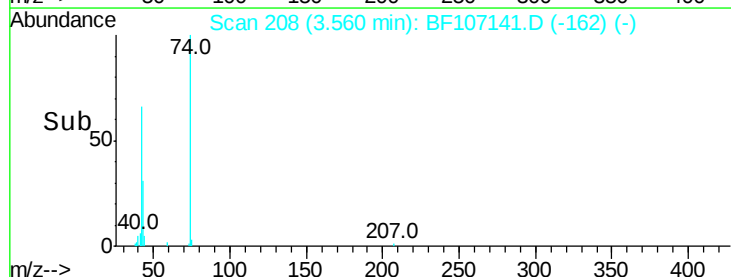
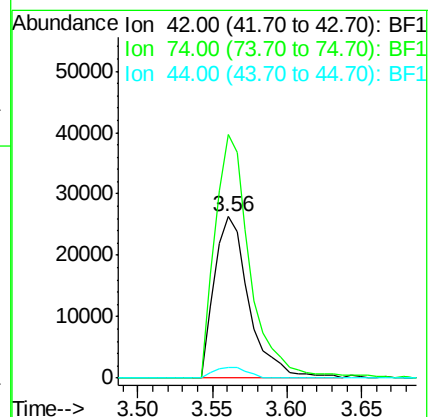
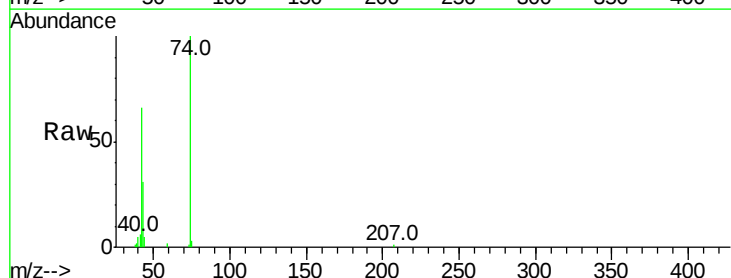
Tgt Ion: 42 Resp: 42700

Ion Ratio Lower Upper

42 100

74 150.9 104.9 157.3

44 6.9 6.9 10.3





#5

2-Fluorophenol

Concen: 85.765 ng

RT: 5.60 min Scan# 554

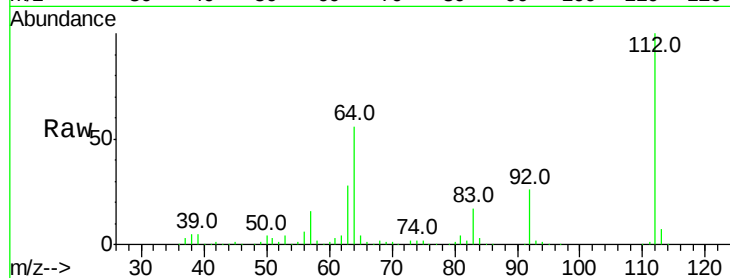
Delta R.T. -0.01 min

Lab File: BF107141.D

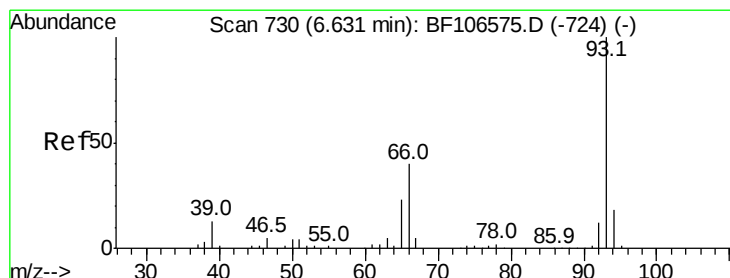
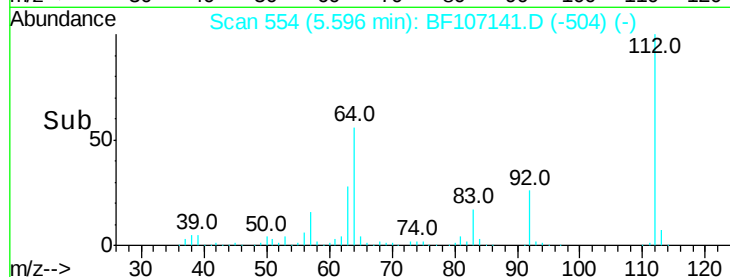
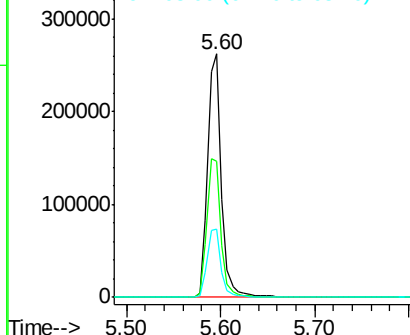
Acq: 5 Jul 2018 21:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	269591
Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.9	71.9
63	28.0	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.868 ng

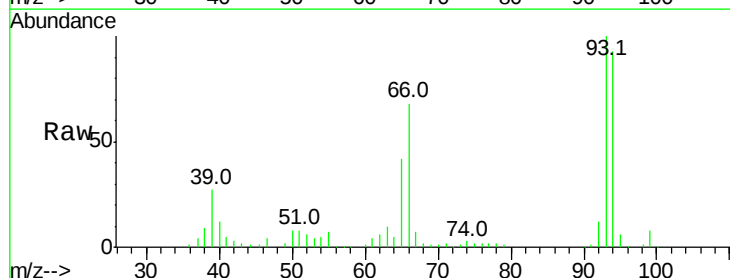
RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

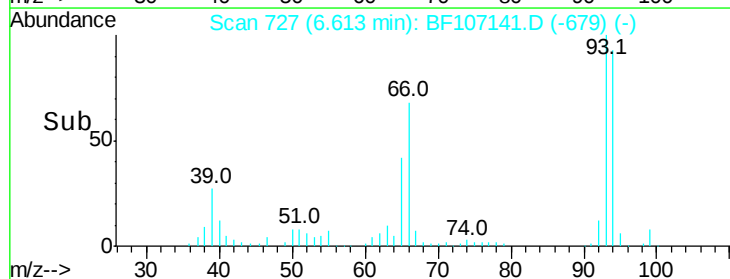
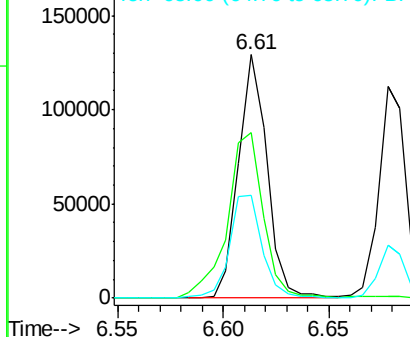
Lab File: BF107141.D

Acq: 5 Jul 2018 21:47

Tgt Ion:	93	Resp:	121765
Ion	Ratio	Lower	Upper
93	100		
66	68.1	32.2	48.2#
65	42.0	16.4	24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.028 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107141.D

Acq: 5 Jul 2018 21:47

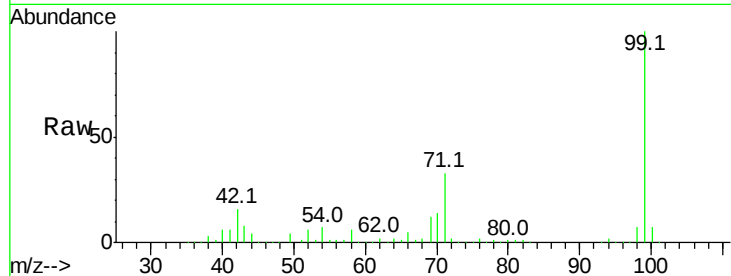
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 329847

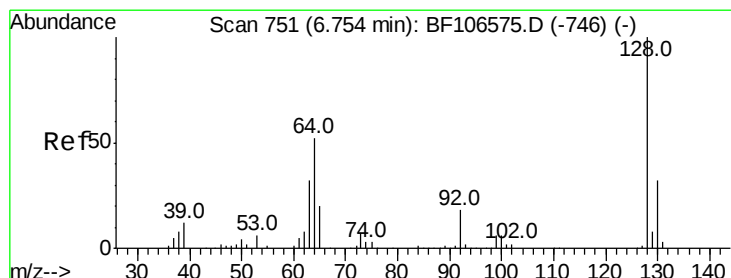
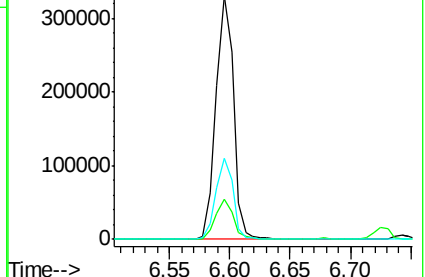
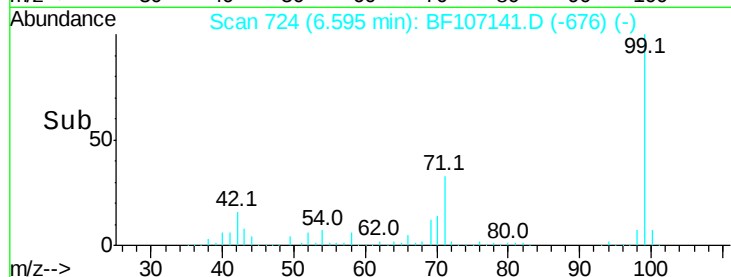
Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.5	21.7
71	33.1	25.4	38.0



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: 28.666 ng

RT: 6.74 min Scan# 749

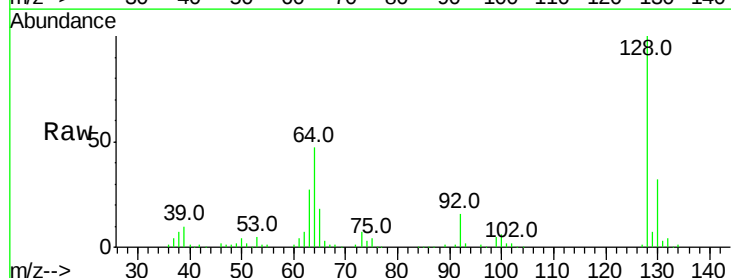
Delta R.T. -0.02 min

Lab File: BF107141.D

Acq: 5 Jul 2018 21:47

Tgt Ion: 128 Resp: 98831

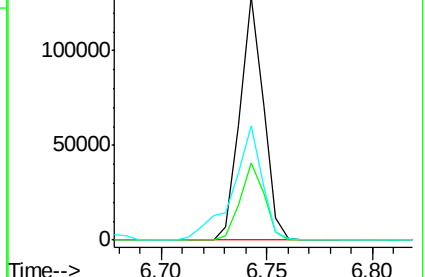
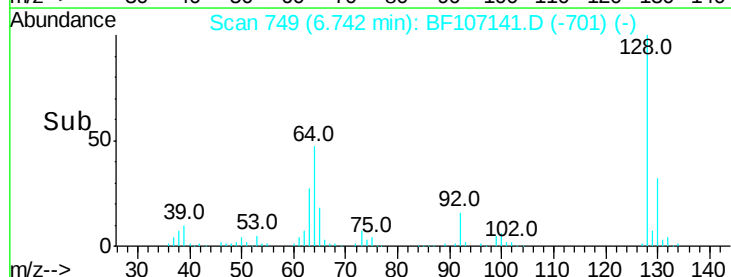
Ion	Ratio	Lower	Upper
128	100		
130	31.7	13.0	53.0
64	47.0	29.4	69.4



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: 15.292 ng

RT: 6.51 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF107141.D

Acq: 5 Jul 2018 21:47

Instrument :

BNA_F

ClientSampleId :

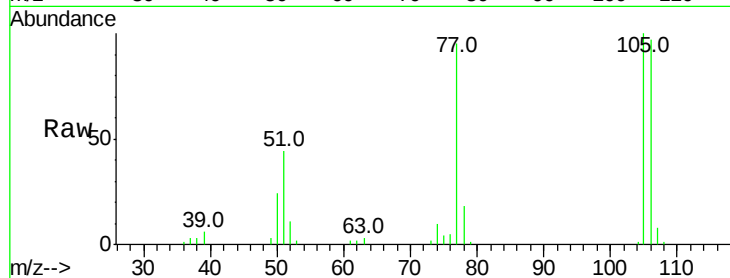
Tot Ion: 77 Resp: 48216

Ion Ratio Lower Upper

77 100

105 105.2 81.1 121.1

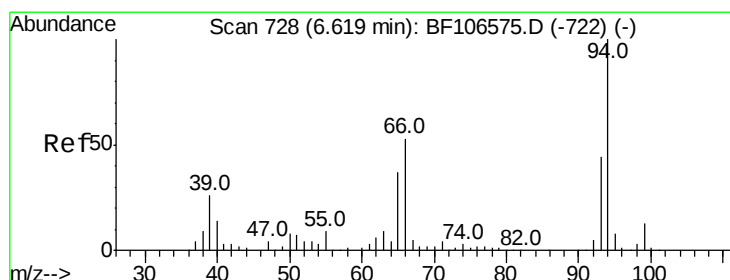
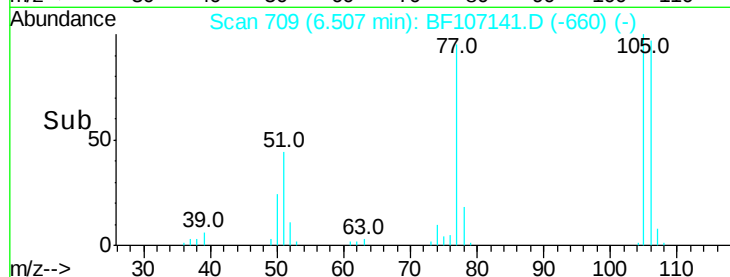
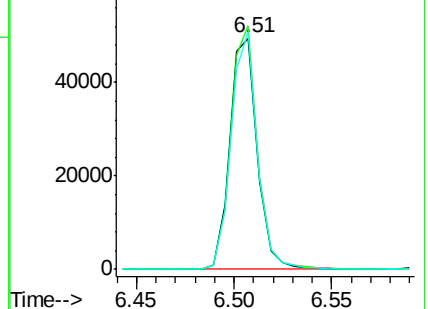
106 102.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 28.600 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF107141.D

Acq: 5 Jul 2018 21:47

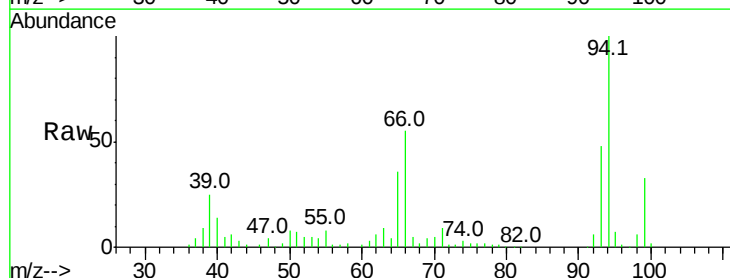
Tgt Ion: 94 Resp: 128123

Ion Ratio Lower Upper

94 100

65 36.2 7.9 47.9

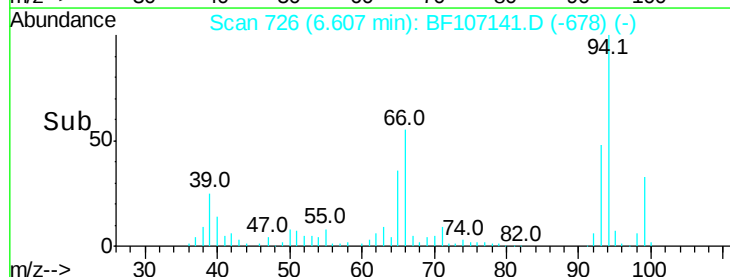
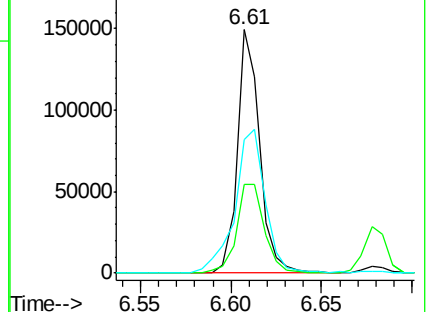
66 55.0 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 26.802 ng

RT: 6.68 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF107141.D

Acq: 5 Jul 2018 21:47

Instrument :

BNA_F

ClientSampleId :

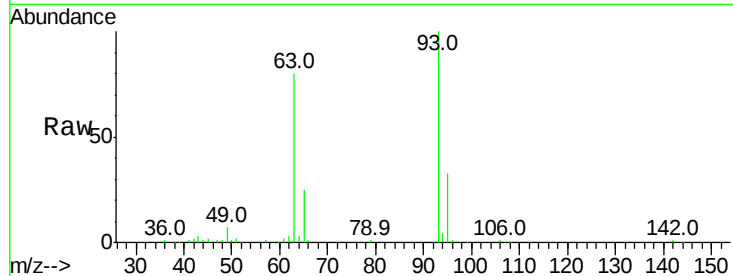
Tot Ion: 93 Resp: 99124

Ion Ratio Lower Upper

93 100

63 80.2 58.6 98.6

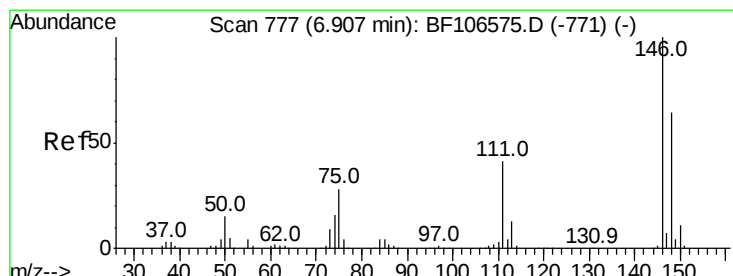
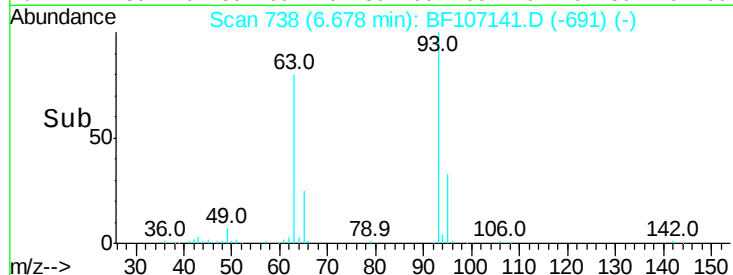
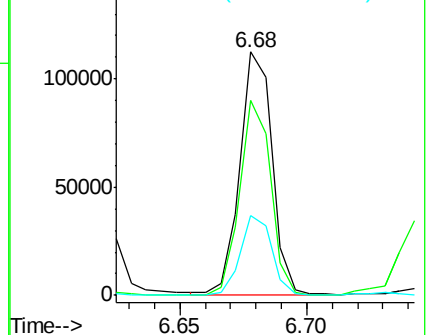
95 33.0 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 28.091 ng

RT: 6.89 min Scan# 774

Delta R.T. -0.02 min

Lab File: BF107141.D

Acq: 5 Jul 2018 21:47

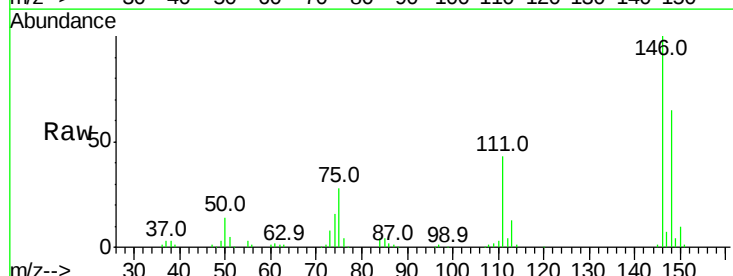
Tgt Ion: 146 Resp: 113432

Ion Ratio Lower Upper

146 100

148 65.0 51.8 77.8

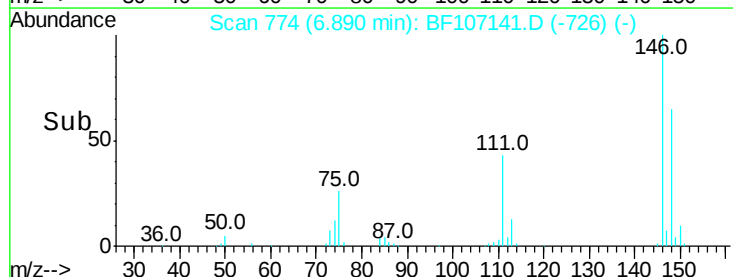
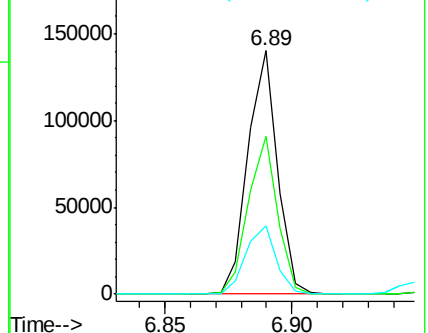
75 27.9 24.2 36.4

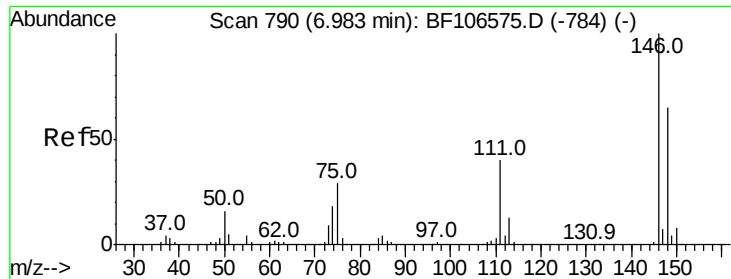


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

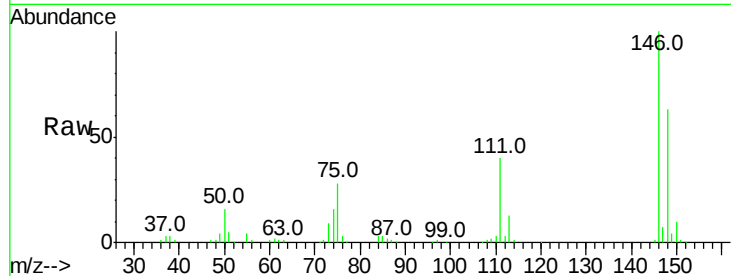




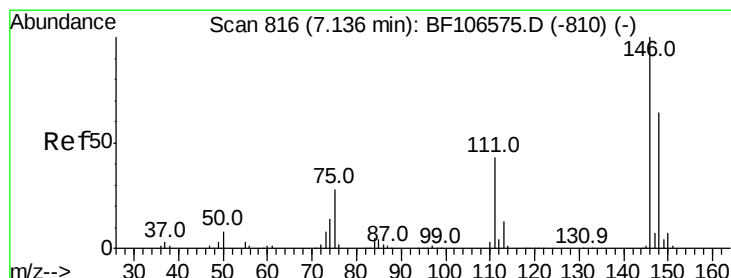
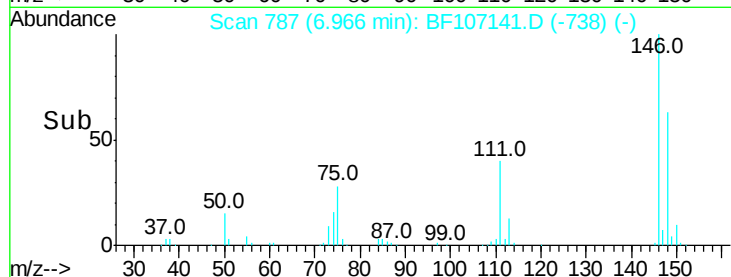
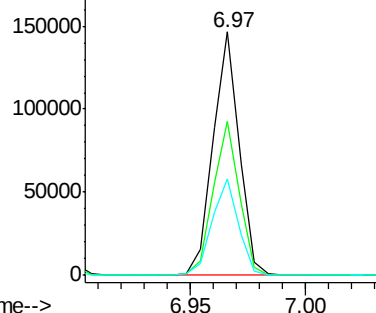
#13
 1,4-Dichlorobenzene
 Concen: 28.309 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF107141.D
 Acq: 5 Jul 2018 21:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 115571
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.8 76.2
 111 39.6 34.2 51.2

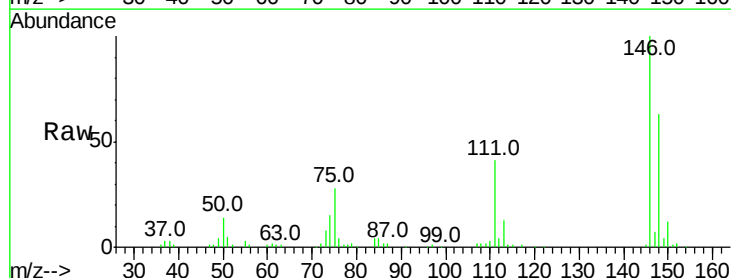


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

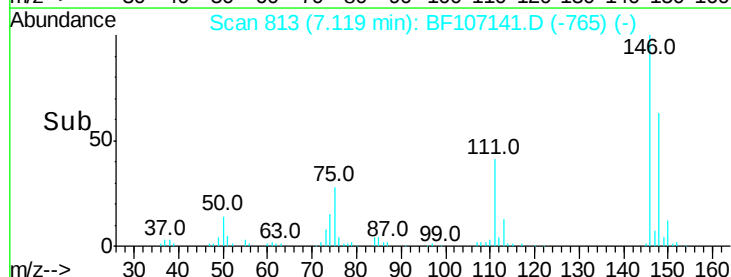
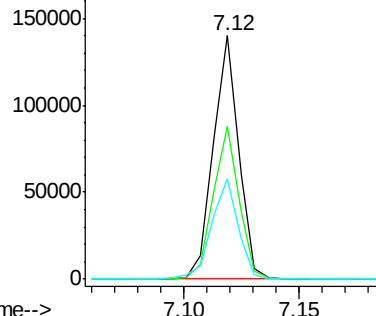


#14
 1,2-Dichlorobenzene
 Concen: 28.849 ng
 RT: 7.12 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF107141.D
 Acq: 5 Jul 2018 21:47

Tgt Ion:146 Resp: 107935
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.6 75.8
 111 41.0 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

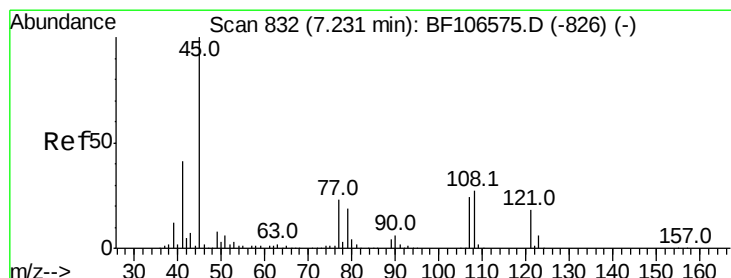
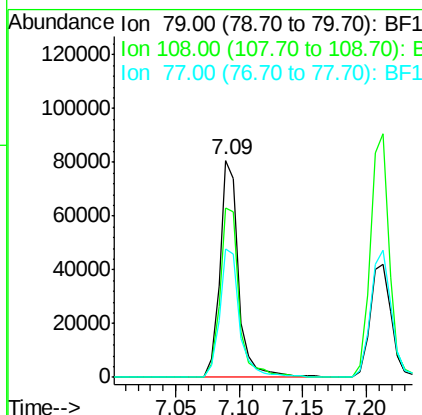
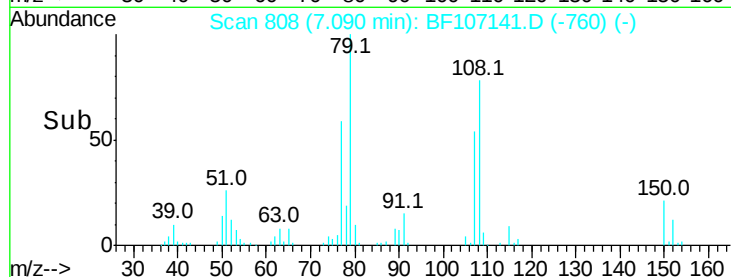
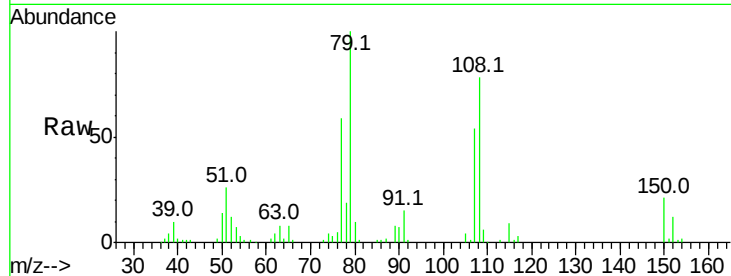




#15
Benzyl Alcohol
Concen: 26.537 ng
RT: 7.09 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF107141.D
Acq: 5 Jul 2018 21:47

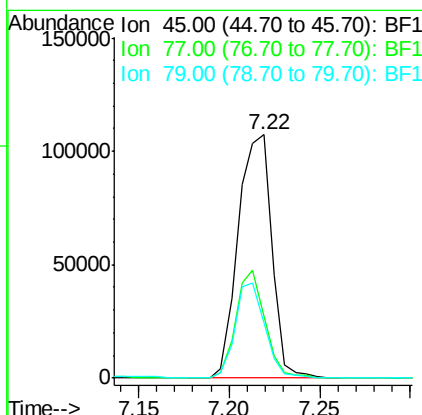
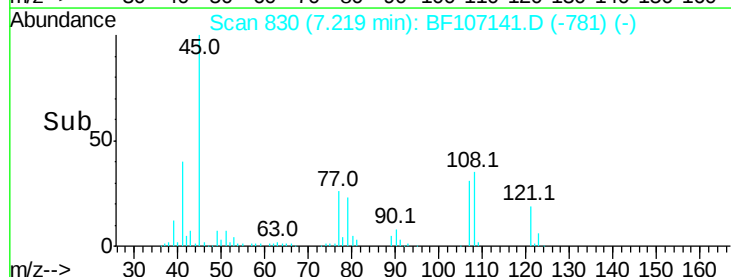
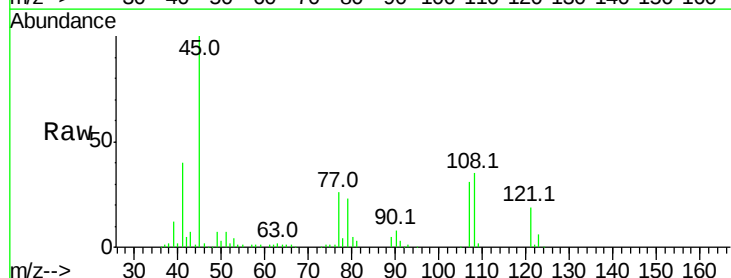
Instrument :
BNA_F
ClientSampleId :

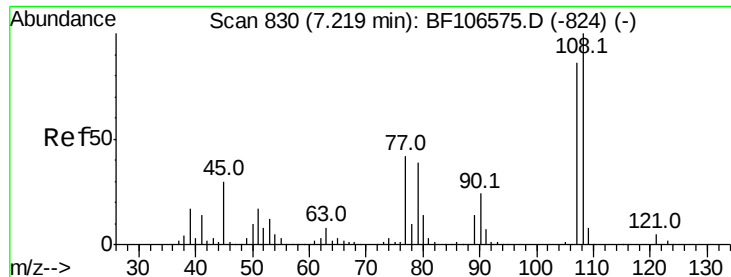
Tot Ion: 79 Resp: 83644
Ion Ratio Lower Upper
79 100
108 78.3 65.1 97.7
77 59.3 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.483 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107141.D
Acq: 5 Jul 2018 21:47

Tgt Ion: 45 Resp: 138211
Ion Ratio Lower Upper
45 100
77 25.6 0.0 32.9
79 22.6 0.0 29.6

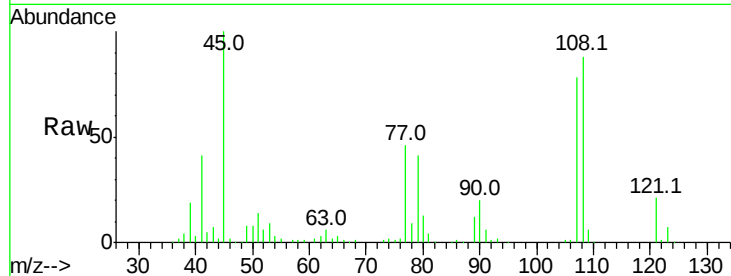




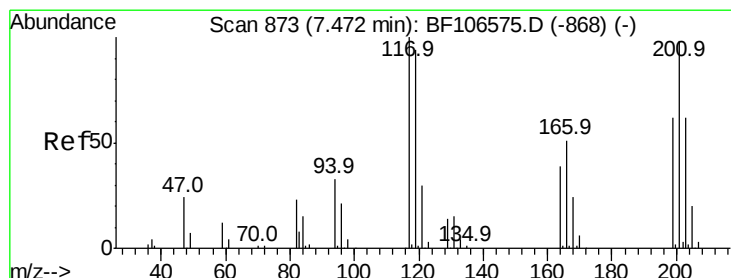
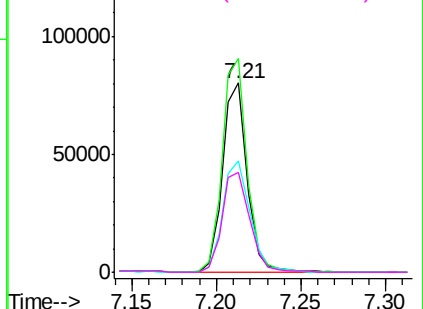
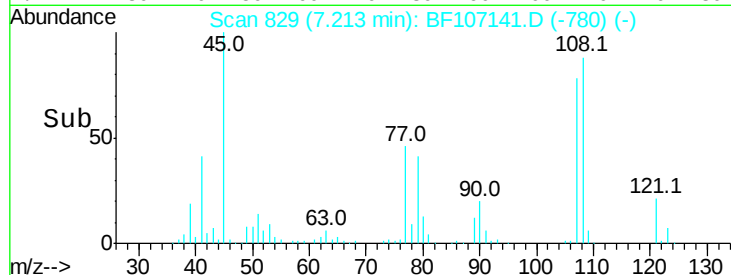
#17
2-Methylphenol
Concen: 27.655 ng
RT: 7.21 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF107141.D
Acq: 5 Jul 2018 21:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 81593
Ion Ratio Lower Upper
107 100
108 113.0 91.7 137.5
77 59.0 33.8 50.8#
79 52.5 33.8 50.8#

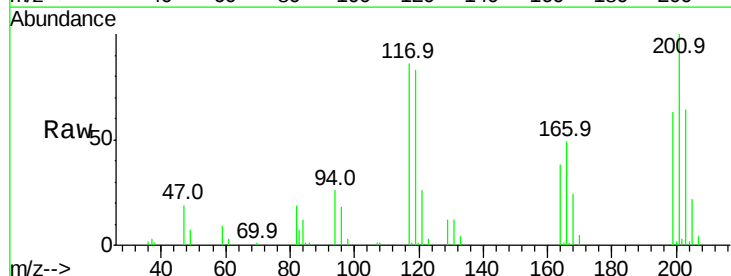


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

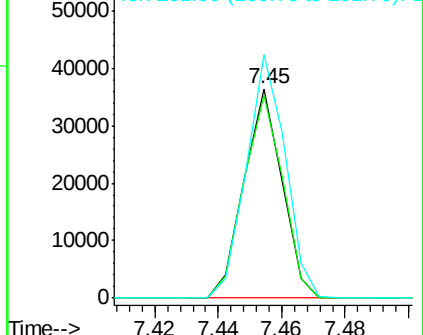
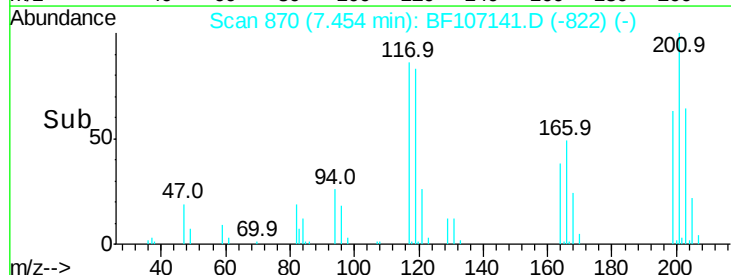


#18
Hexachloroethane
Concen: 21.024 ng
RT: 7.45 min Scan# 870
Delta R.T. -0.02 min
Lab File: BF107141.D
Acq: 5 Jul 2018 21:47

Tgt Ion:117 Resp: 30182
Ion Ratio Lower Upper
117 100
119 96.8 75.8 113.8
201 116.2 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

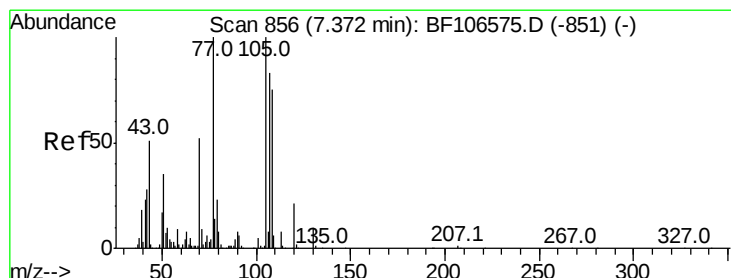
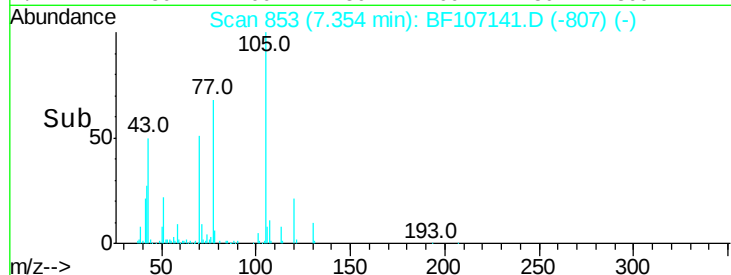
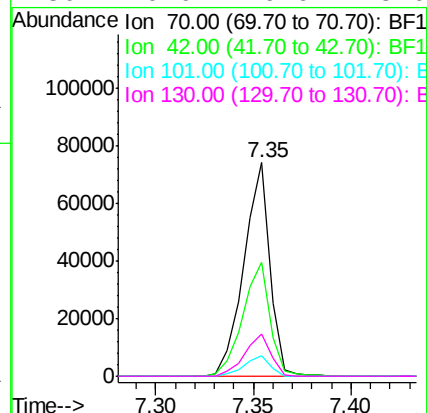
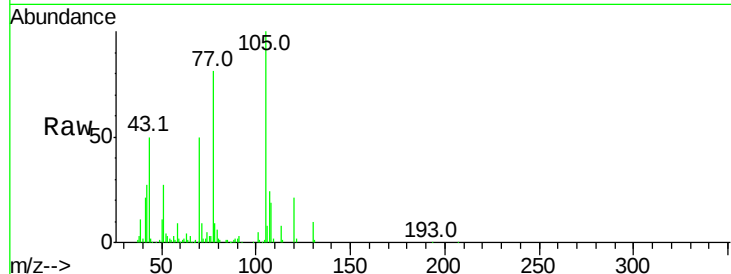




#19
n-Nitroso-di-n-propylamine
Concen: 26.464 ng
RT: 7.35 min Scan# 853
Delta R.T. -0.03 min
Lab File: BF107141.D
Acq: 5 Jul 2018 21:47

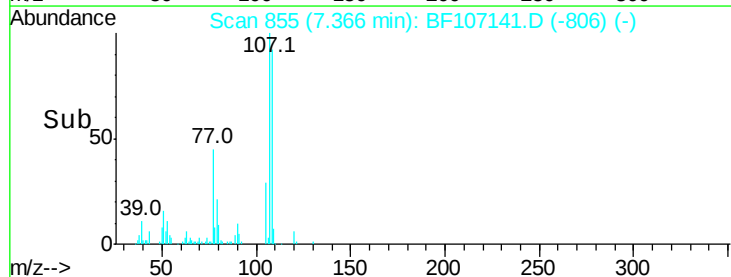
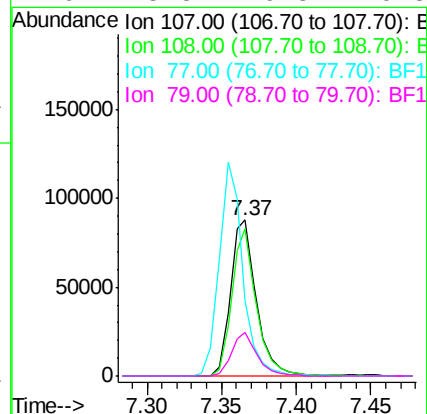
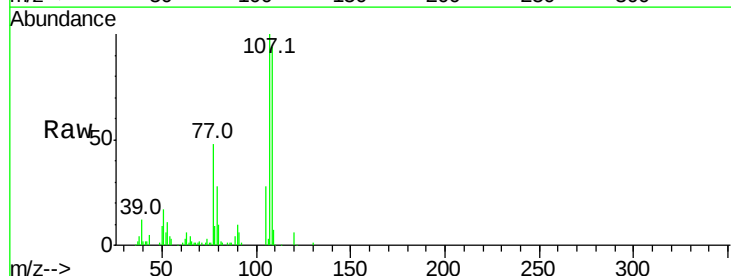
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 68476
Ion Ratio Lower Upper
70 100
42 53.1 47.5 71.3
101 9.8 7.4 11.2
130 19.9 16.6 25.0



#20
3+4-Methylphenols
Concen: 30.692 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107141.D
Acq: 5 Jul 2018 21:47

Tgt Ion: 107 Resp: 106795
Ion Ratio Lower Upper
107 100
108 94.0 68.2 108.2
77 48.3 26.7 66.7
79 28.3 6.3 46.3

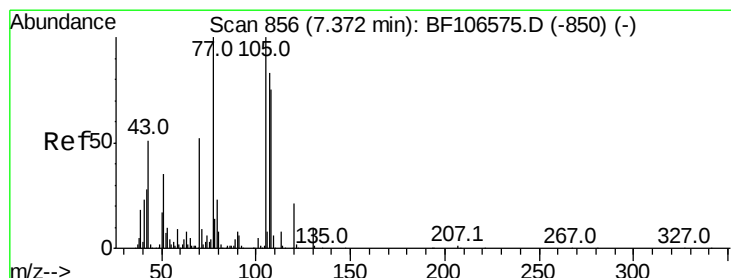
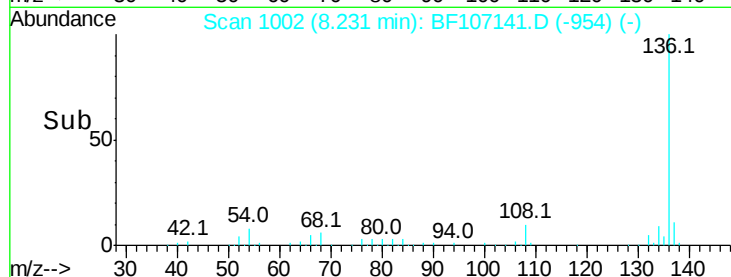
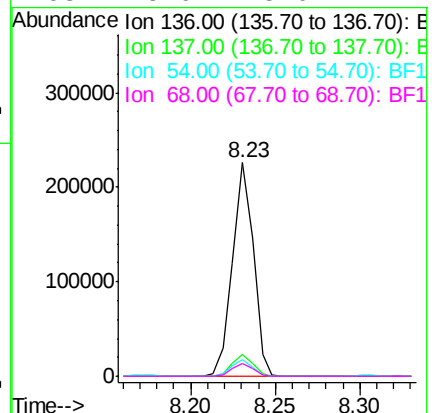
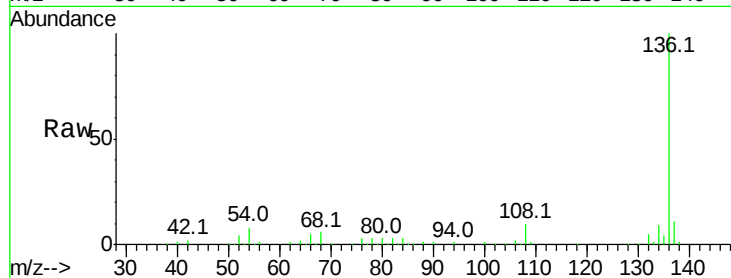




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107141.D
Acq: 5 Jul 2018 21:47

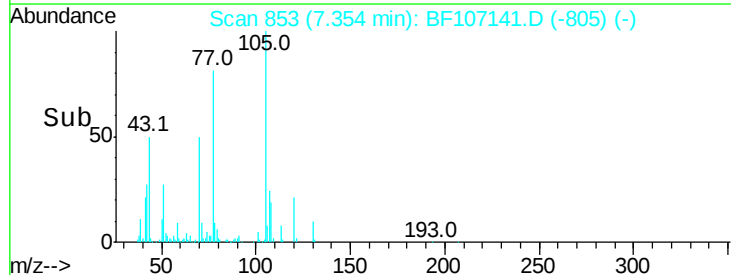
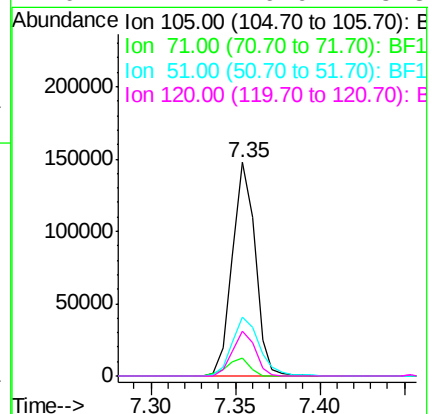
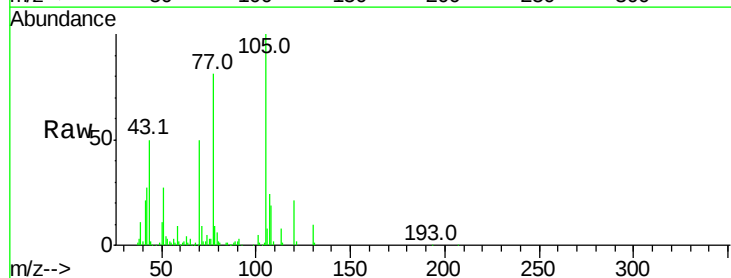
Instrument :
BNA_F
ClientSampleId :

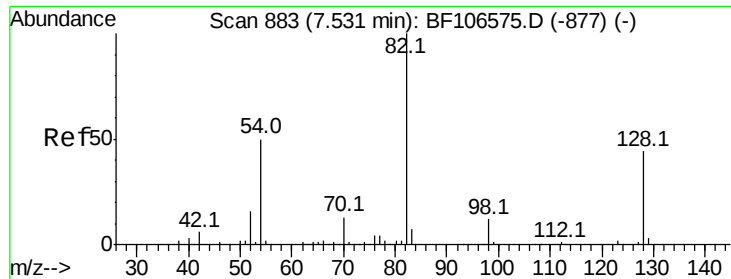
Tot Ion:	136	Resp:	194165
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.9	6.6	9.8
68	5.9	5.0	7.4



#22
Acetophenone
Concen: 31.972 ng
RT: 7.35 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF107141.D
Acq: 5 Jul 2018 21:47

Tgt Ion:	105	Resp:	138885
Ion	Ratio	Lower	Upper
105	100		
71	8.7	4.4	6.6#
51	27.4	22.3	33.5
120	21.2	16.9	25.3

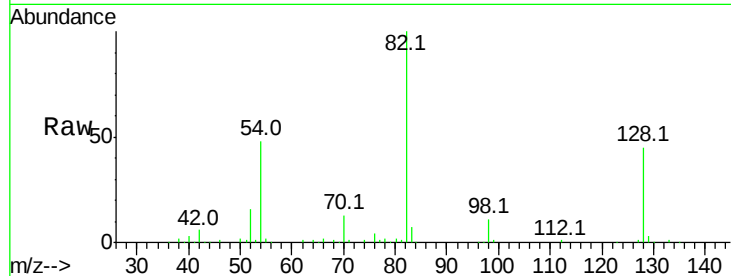




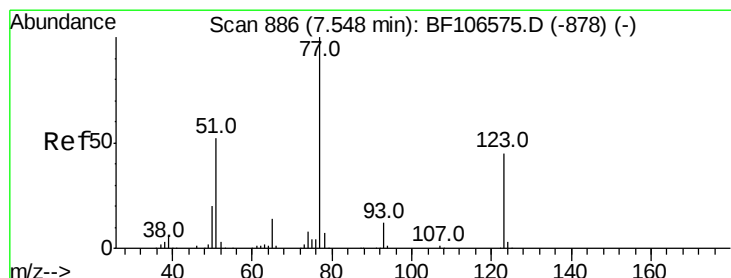
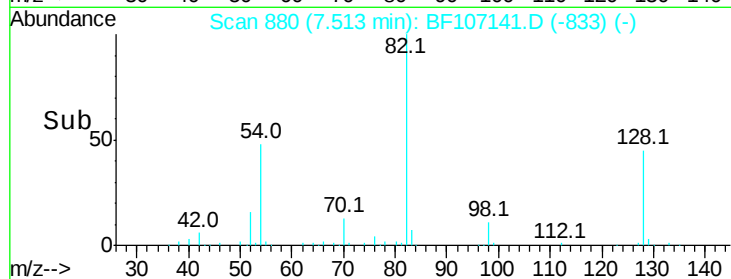
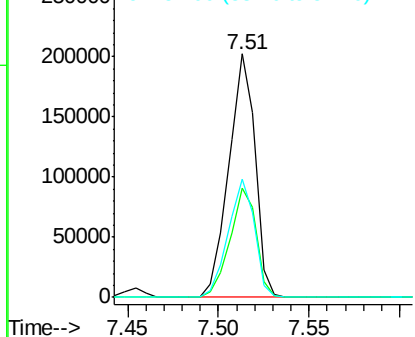
#23
Nitrobenzene-d5
Concen: 58.516 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107141.D
Acq: 5 Jul 2018 21:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	204445
Ion Ratio	Lower	Upper	
82	100		
128	44.6	36.1	54.1
54	48.5	41.4	62.2

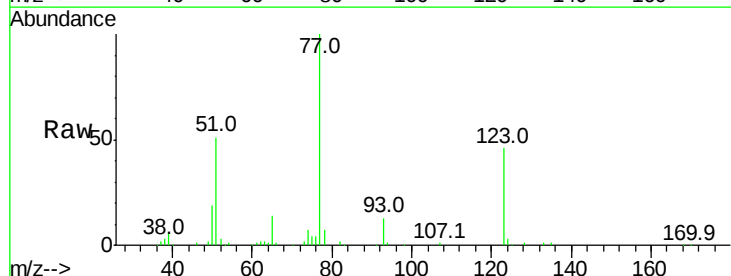


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

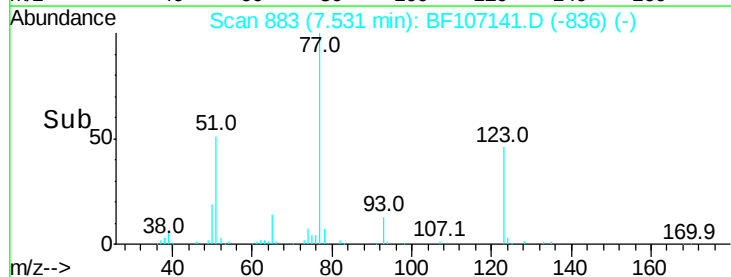
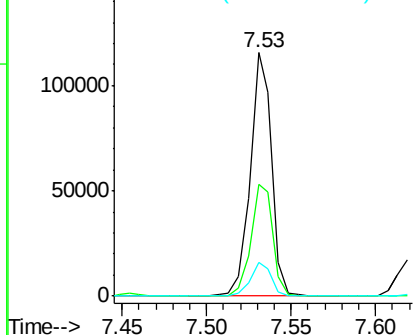


#24
Nitrobenzene
Concen: 28.693 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107141.D
Acq: 5 Jul 2018 21:47

Tgt Ion	77	Resp	102351
Ion Ratio	Lower	Upper	
77	100		
123	45.9	37.9	56.9
65	13.9	11.0	16.4



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





#25

Isophorone

Concen: 29.614 ng

RT: 7.77 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF107141.D

Acq: 5 Jul 2018 21:47

Instrument :

BNA_F

ClientSampleId :

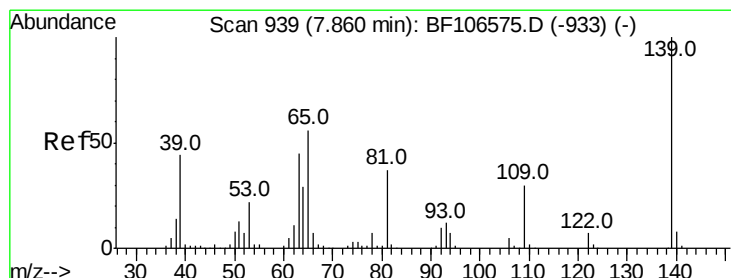
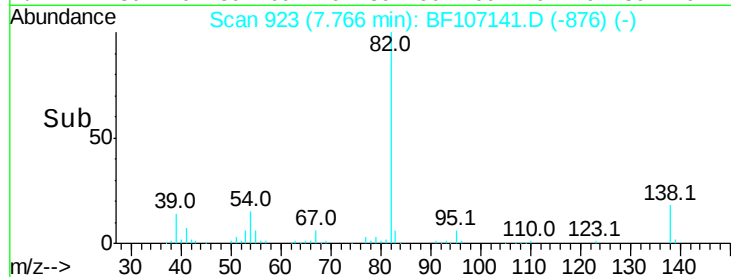
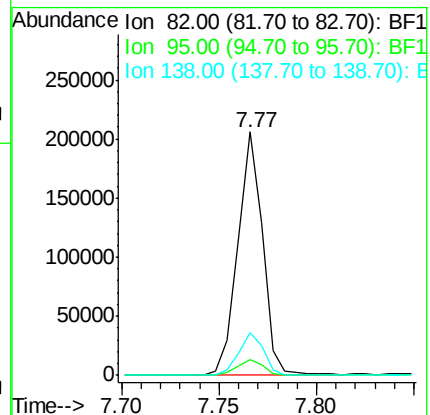
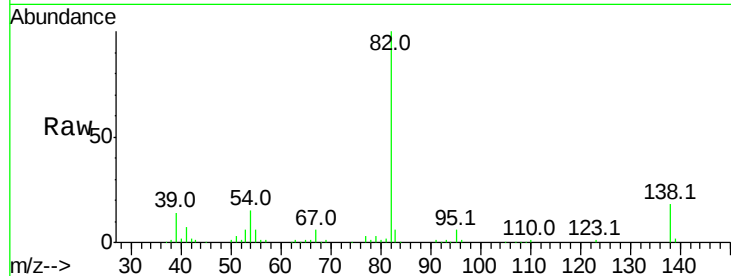
Tot Ion: 82 Resp: 182321

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 17.7 14.9 22.3



#26

2-Nitrophenol

Concen: 26.497 ng

RT: 7.85 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF107141.D

Acq: 5 Jul 2018 21:47

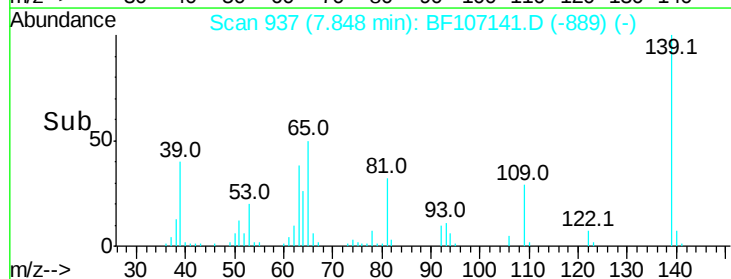
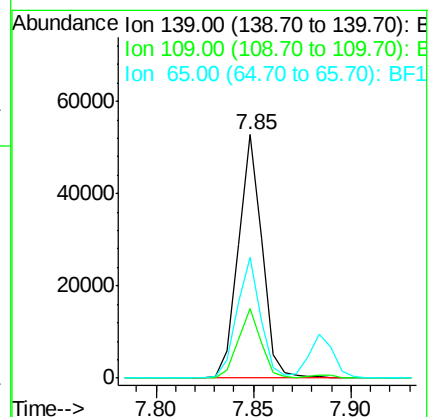
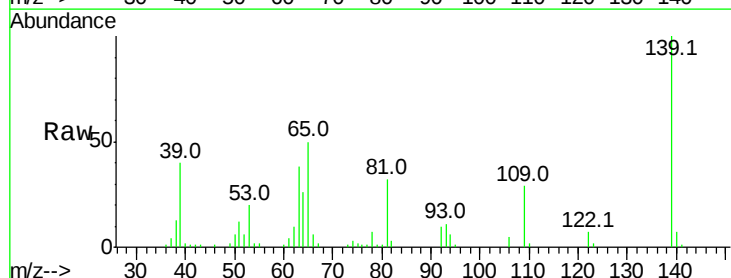
Tgt Ion:139 Resp: 44619

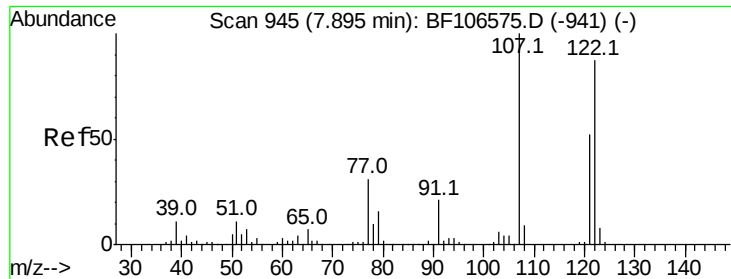
Ion Ratio Lower Upper

139 100

109 28.8 22.7 34.1

65 49.6 40.5 60.7

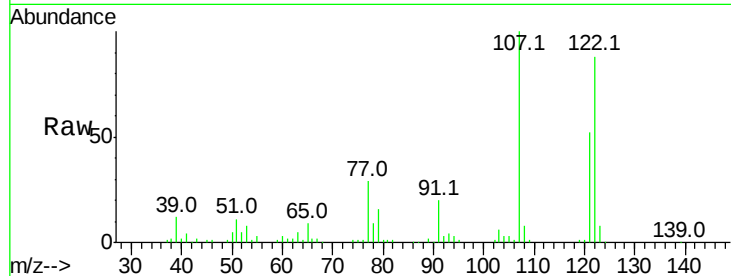




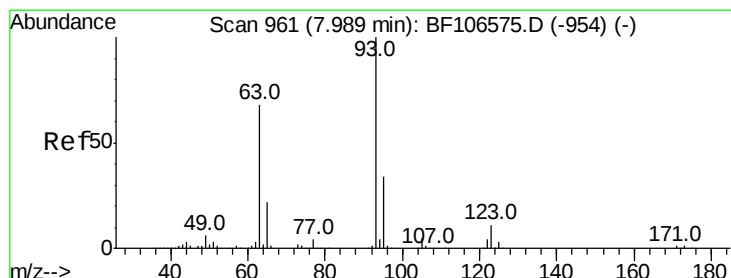
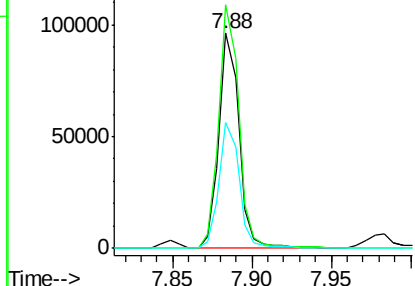
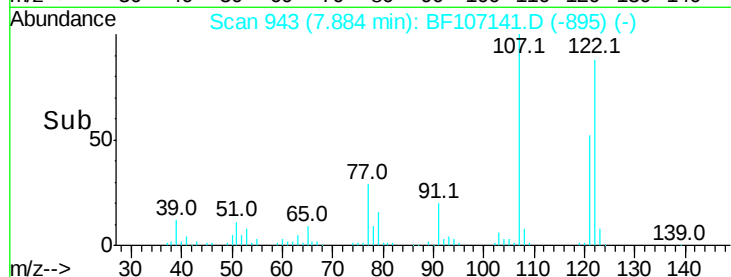
#27
 2,4-Dimethylphenol
 Concen: 32.890 ng
 RT: 7.88 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF107141.D
 Acq: 5 Jul 2018 21:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 85604
 Ion Ratio Lower Upper
 122 100
 107 113.2 91.2 136.8
 121 58.7 47.2 70.8

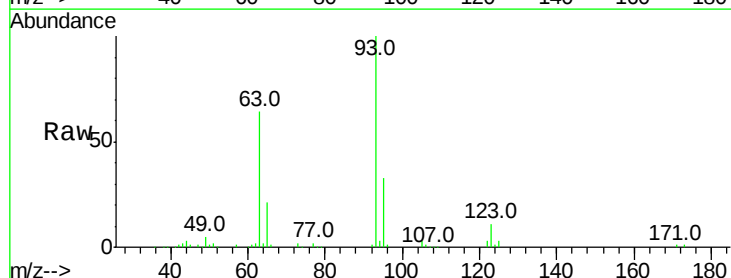


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

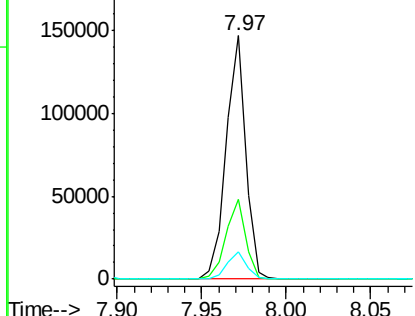
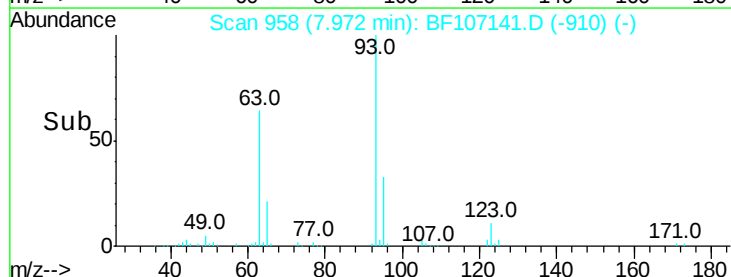


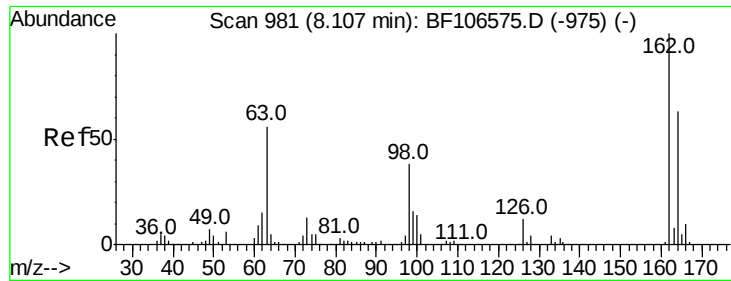
#28
 bis(2-Chloroethoxy)methane
 Concen: 28.816 ng
 RT: 7.97 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BF107141.D
 Acq: 5 Jul 2018 21:47

Tgt Ion: 93 Resp: 119118
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.3 39.5
 123 11.0 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

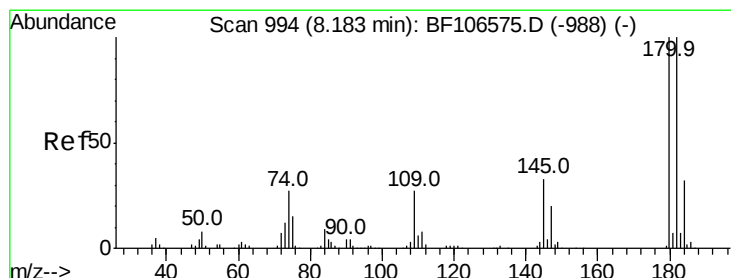
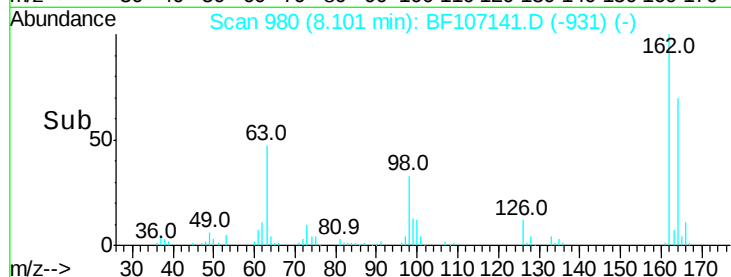
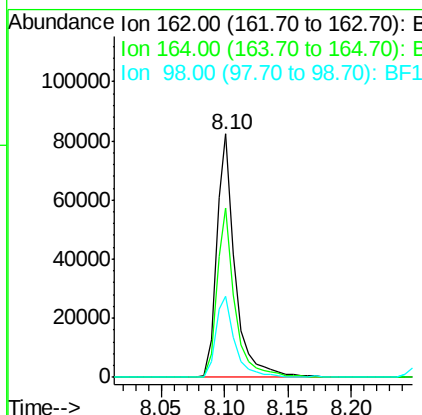
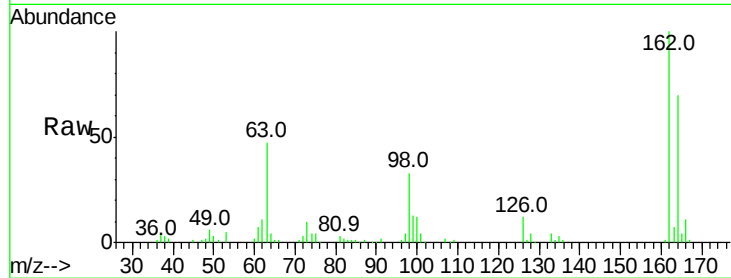




#29
 2,4-Dichlorophenol
 Concen: 30.841 ng
 RT: 8.10 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF107141.D
 Acq: 5 Jul 2018 21:47

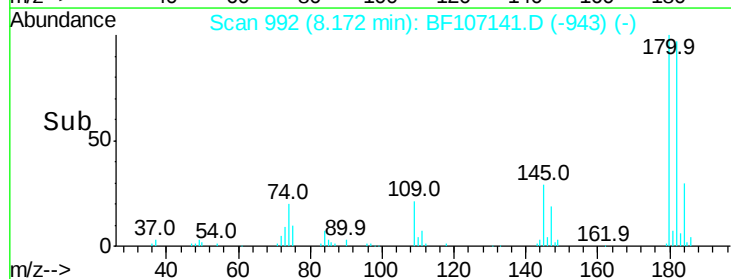
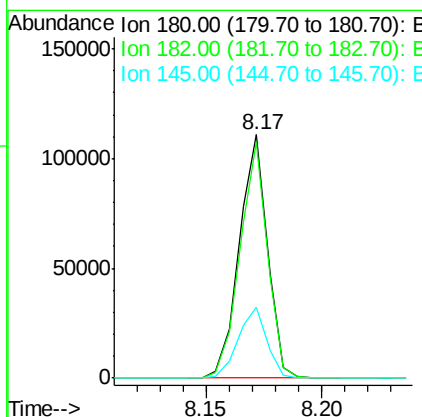
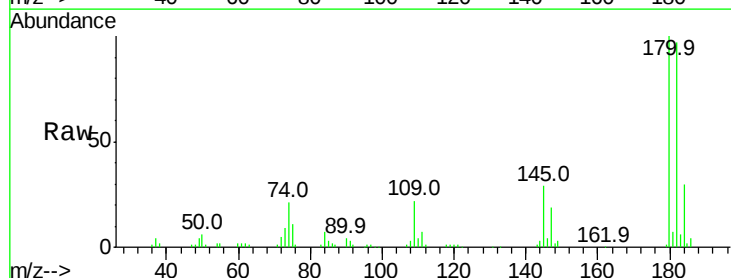
Instrument :
 BNA_F
 ClientSampleId :

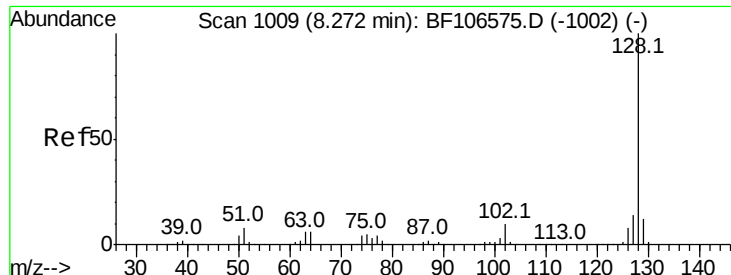
Tot Ion:162 Resp: 84038
 Ion Ratio Lower Upper
 162 100
 164 69.6 42.7 82.7
 98 33.5 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 31.497 ng
 RT: 8.17 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF107141.D
 Acq: 5 Jul 2018 21:47

Tgt Ion:180 Resp: 94548
 Ion Ratio Lower Upper
 180 100
 182 96.7 76.8 115.2
 145 29.1 26.5 39.7

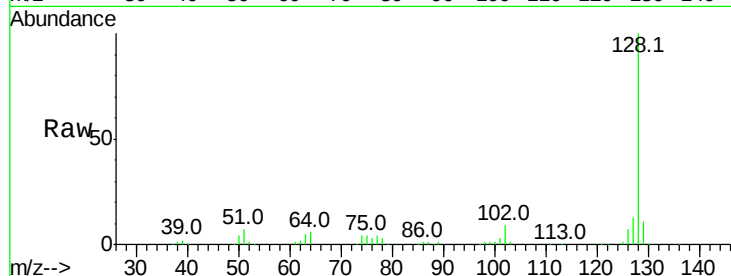




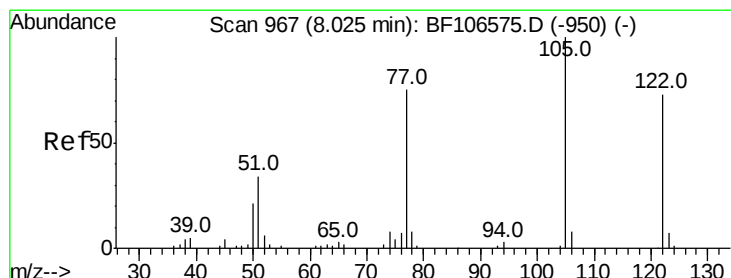
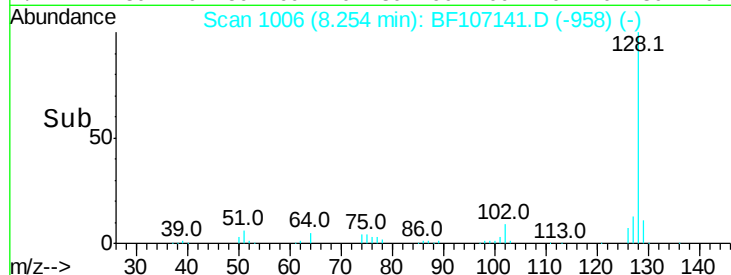
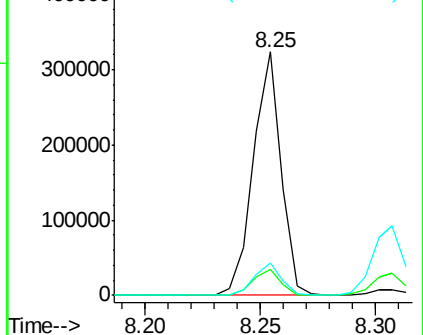
#31
Naphthalene
Concen: 30.015 ng
RT: 8.25 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BF107141.D
Acq: 5 Jul 2018 21:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 272471
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 13.2 10.9 16.3

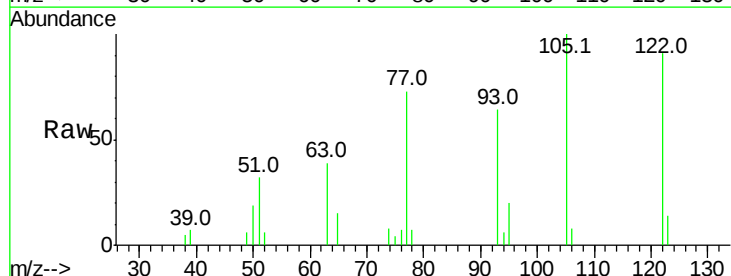


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

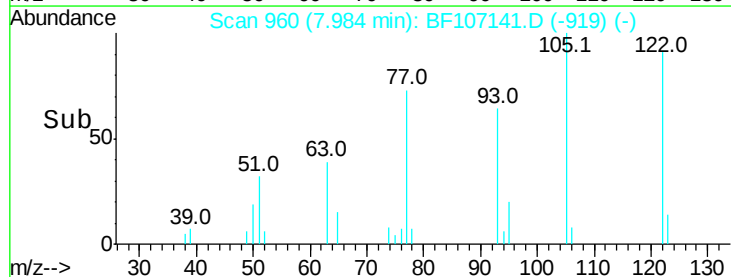
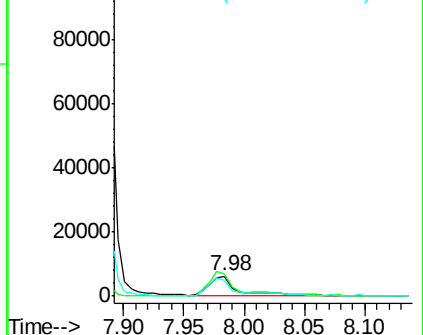


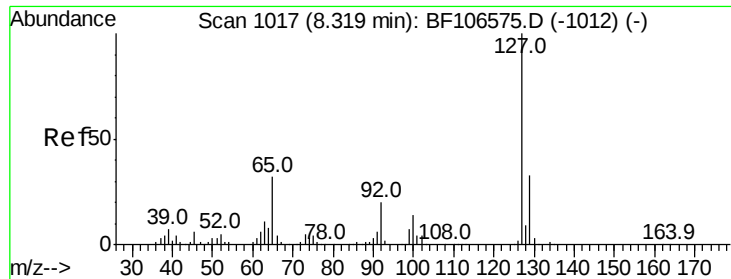
#32
Benzoic acid
Concen: 10.674 ng
RT: 7.98 min Scan# 960
Delta R.T. -0.06 min
Lab File: BF107141.D
Acq: 5 Jul 2018 21:47

Tgt Ion:122 Resp: 10627
Ion Ratio Lower Upper
122 100
105 110.4 101.1 141.1
77 80.1 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

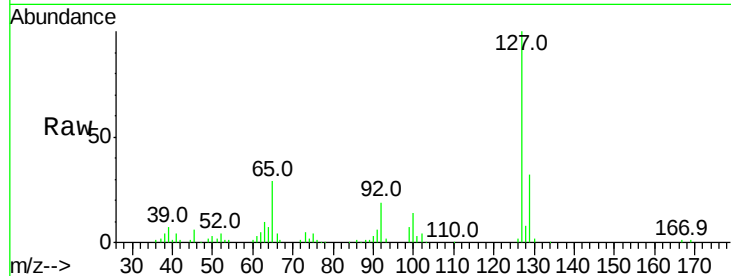




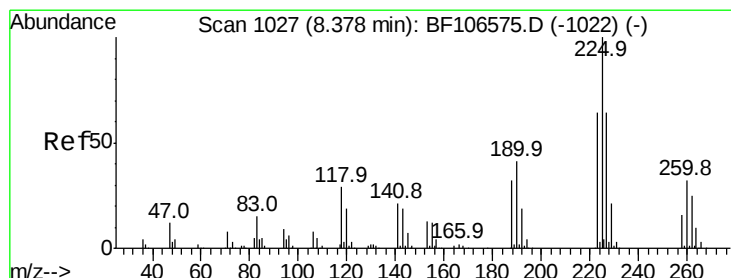
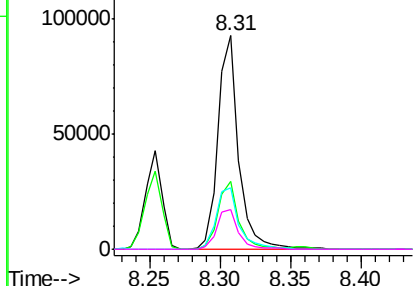
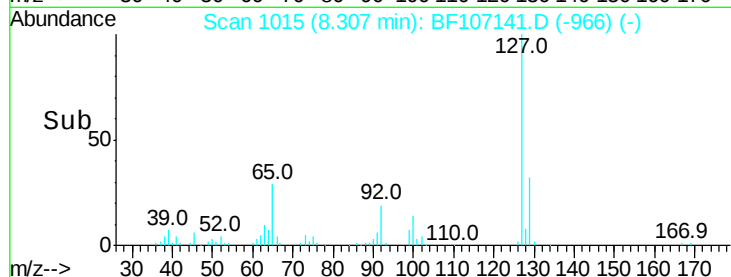
#33
4-Chloroaniline
Concen: 24.854 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF107141.D
Acq: 5 Jul 2018 21:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	94668
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	29.1	25.0	37.4
92	18.5	15.2	22.8

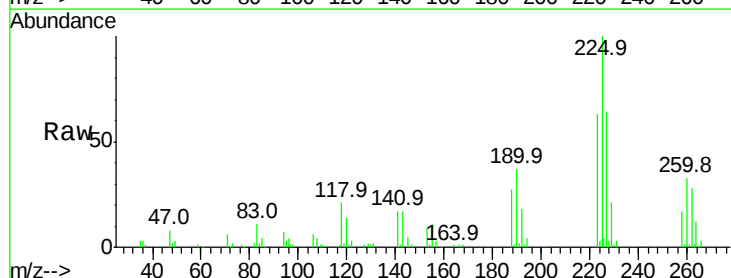


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

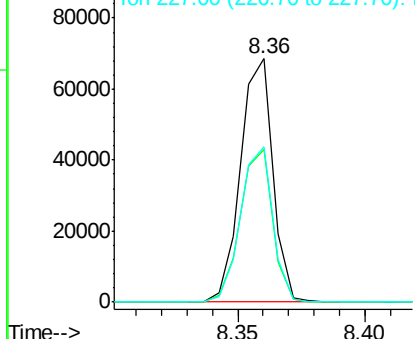
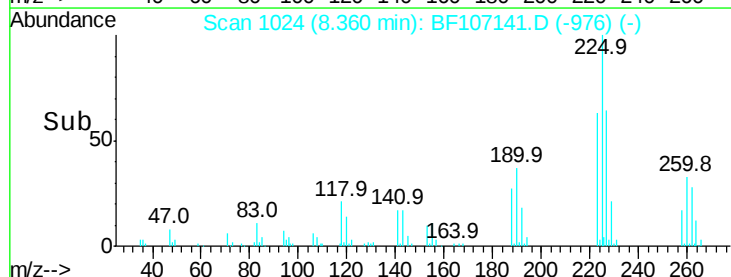


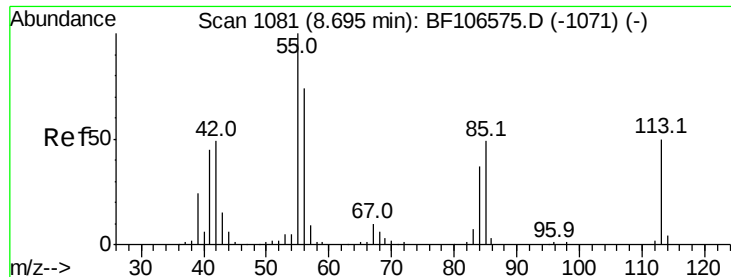
#34
Hexachlorobutadiene
Concen: 31.052 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF107141.D
Acq: 5 Jul 2018 21:47

Tgt Ion:	225	Resp:	60737
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	63.8	51.9	77.9



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





#35

Caprolactam

Concen: 24.583 ng

RT: 8.66 min Scan# 1075

Delta R.T. -0.05 min

Lab File: BF107141.D

Acq: 5 Jul 2018 21:47

Instrument :

BNA_F

ClientSampled :

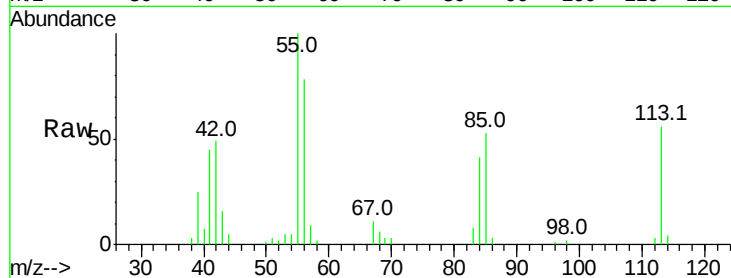
Tot Ion:113 Resp: 21835

Ion Ratio Lower Upper

113 100

55 178.4 163.3 203.3

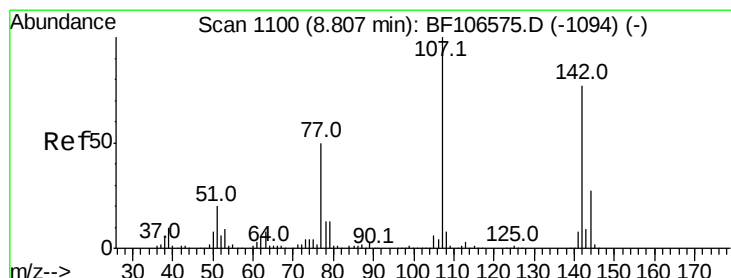
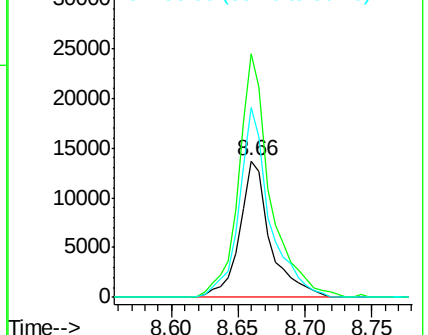
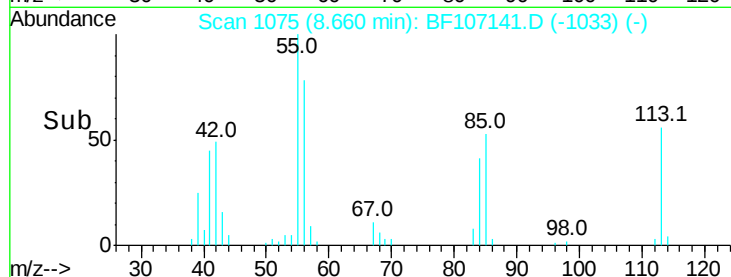
56 139.1 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 27.956 ng

RT: 8.80 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF107141.D

Acq: 5 Jul 2018 21:47

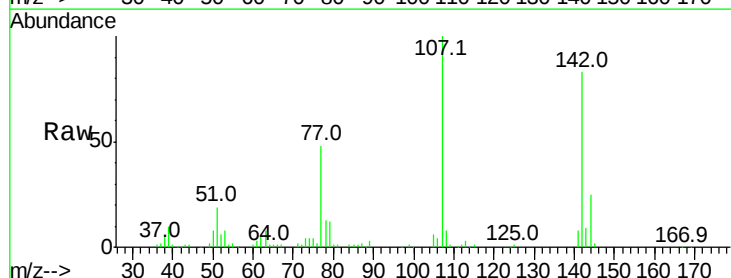
Tgt Ion:107 Resp: 80182

Ion Ratio Lower Upper

107 100

144 25.1 20.5 30.7

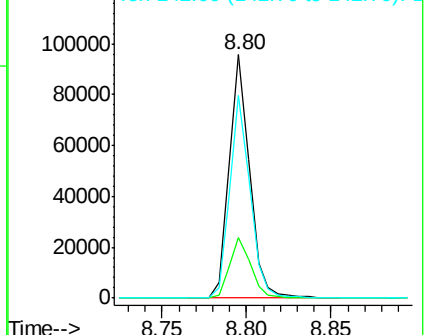
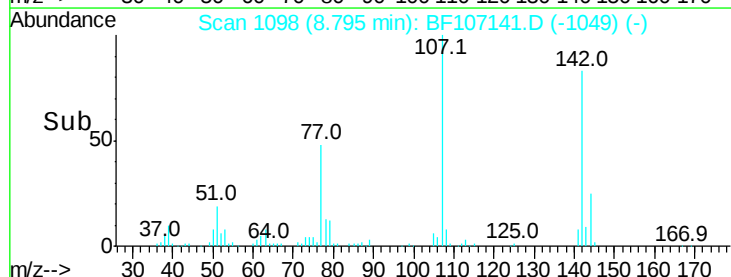
142 83.3 62.0 93.0

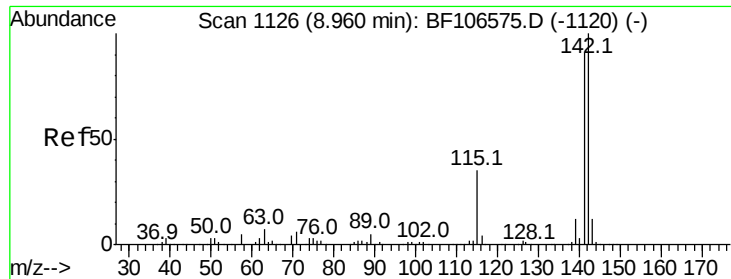


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

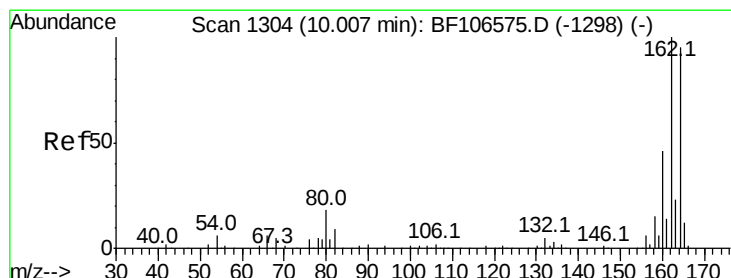
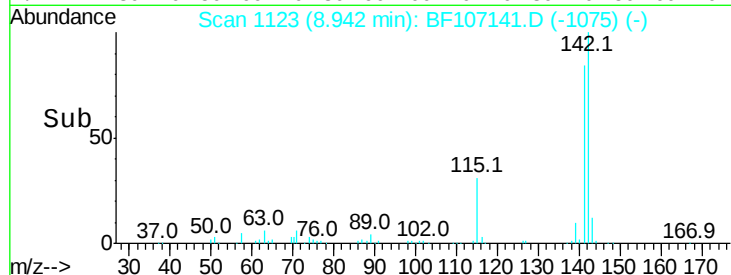
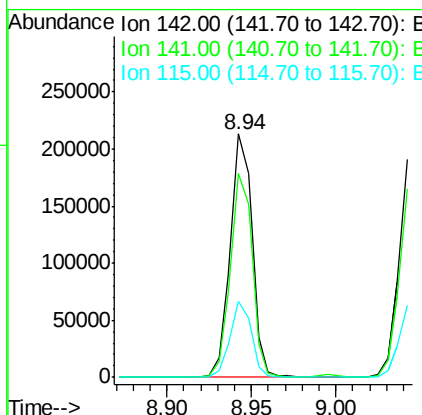
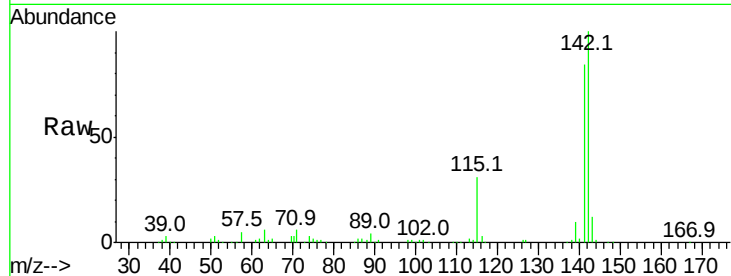




#37
 2-Methylnaphthalene
 Concen: 31.916 ng
 RT: 8.94 min Scan# 1123
 Delta R.T. -0.02 min
 Lab File: BF107141.D
 Acq: 5 Jul 2018 21:47

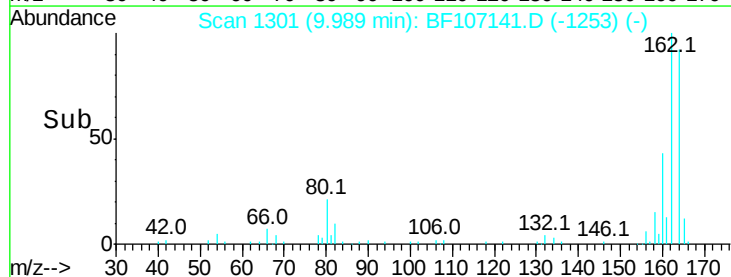
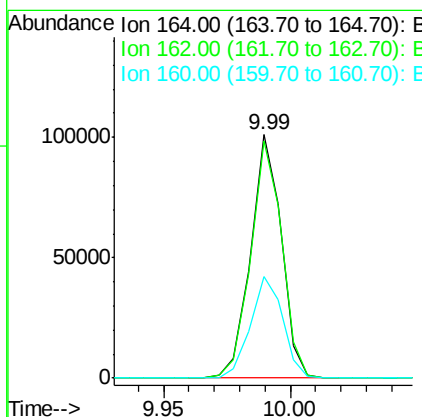
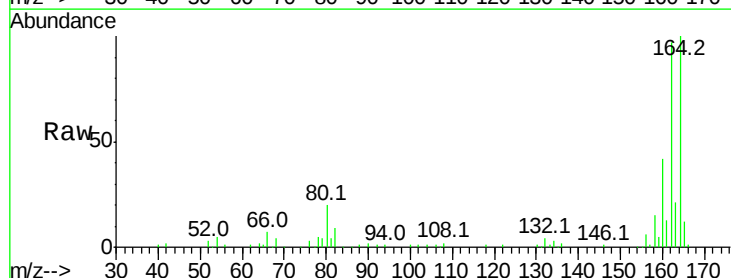
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 192041
 Ion Ratio Lower Upper
 142 100
 141 83.6 70.8 106.2
 115 31.3 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107141.D
 Acq: 5 Jul 2018 21:47

Tgt Ion:164 Resp: 85279
 Ion Ratio Lower Upper
 164 100
 162 97.2 86.1 129.1
 160 41.7 38.3 57.5

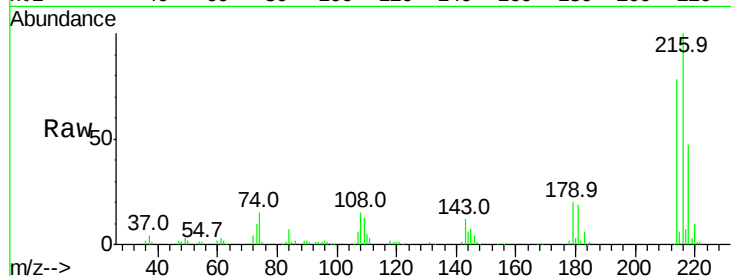




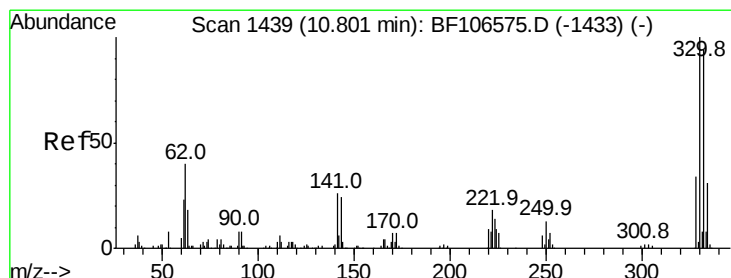
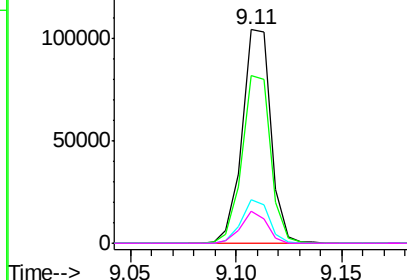
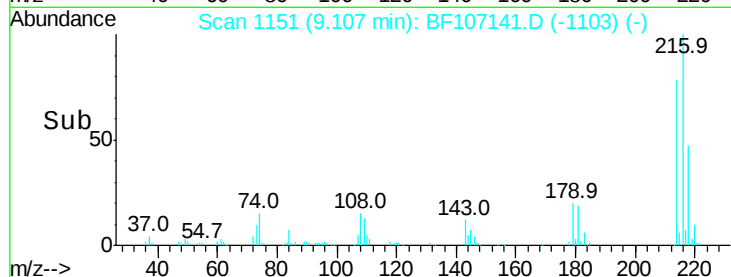
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.216 ng
 RT: 9.11 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF107141.D
 Acq: 5 Jul 2018 21:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	98267
Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.0	94.4
179	19.4	18.1	27.1
108	13.8	17.2	25.8

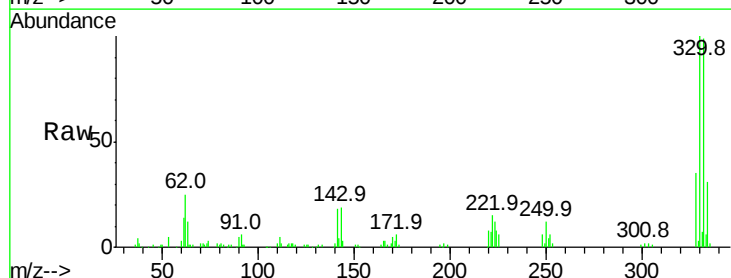


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

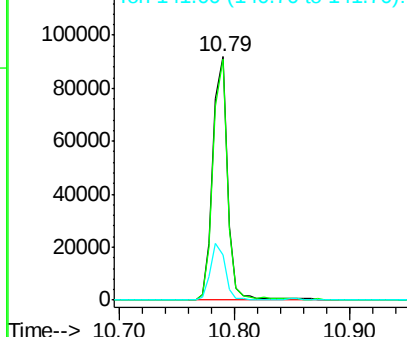
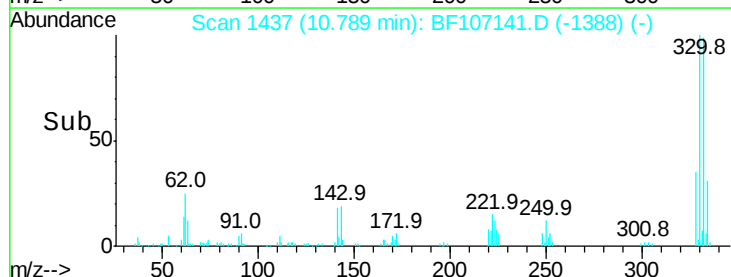


#41
 2,4,6-Tribromophenol
 Concen: 82.946 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107141.D
 Acq: 5 Jul 2018 21:47

Tgt Ion:	330	Resp:	81984
Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	23.3	29.9	44.9



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

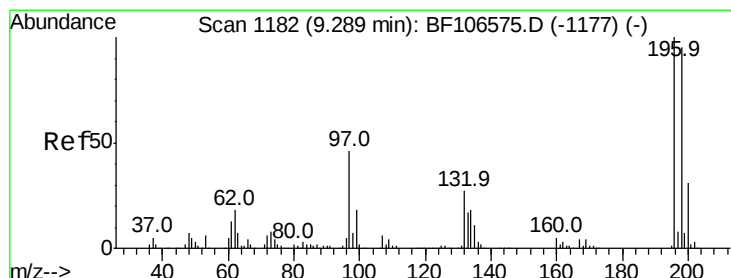
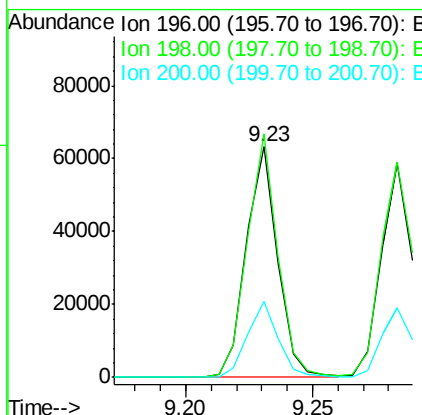
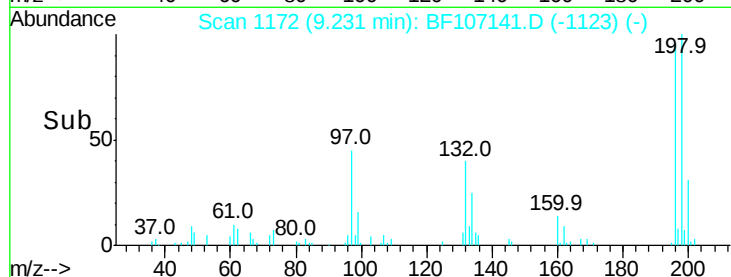
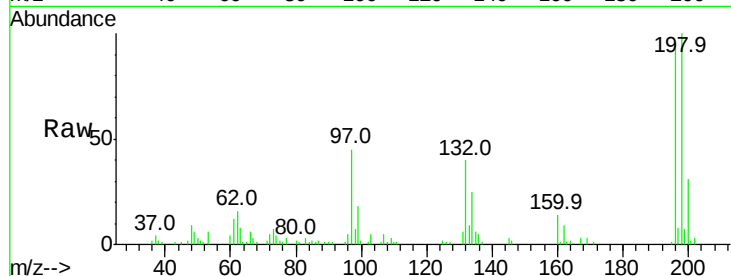




#42
 2,4,6-Trichlorophenol
 Concen: 28.728 ng
 RT: 9.23 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF107141.D
 Acq: 5 Jul 2018 21:47

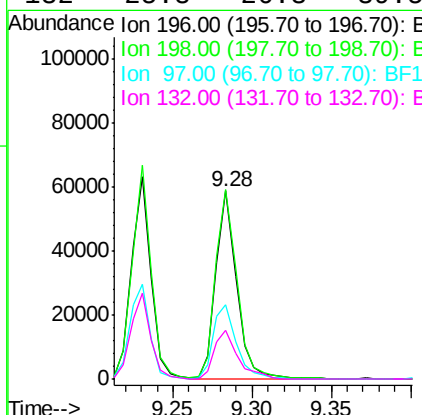
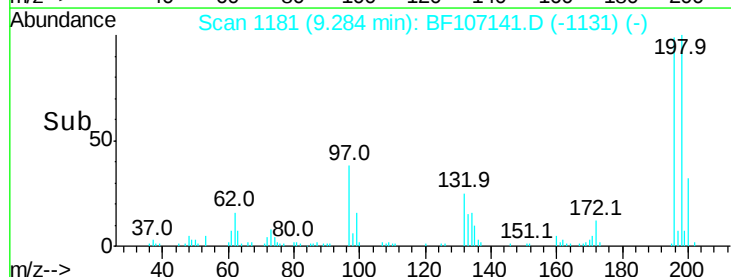
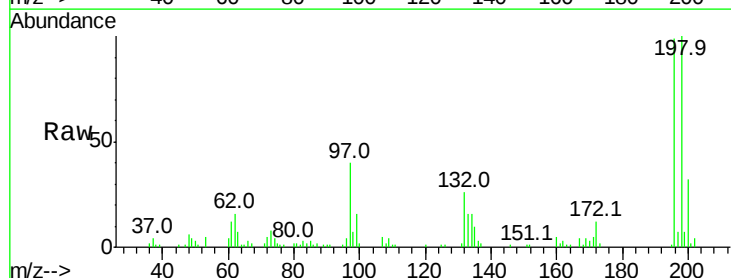
Instrument :
 BNA_F
 ClientSampleId :

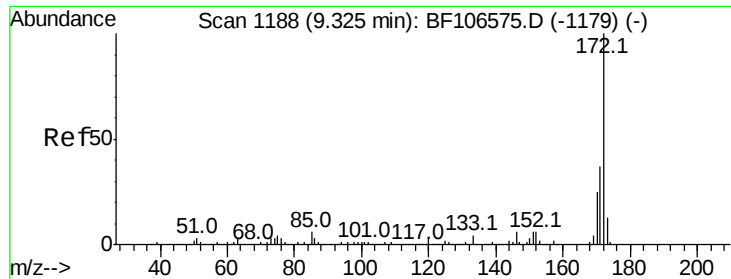
Tot Ion:196	Resp:	54842	
Ion Ratio	Lower	Upper	
196	100		
198	105.5	75.7	113.5
200	32.9	24.5	36.7



#43
 2,4,5-Trichlorophenol
 Concen: 27.410 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF107141.D
 Acq: 5 Jul 2018 21:47

Tgt	Ion:196	Resp:	54601
Ion	Ratio	Lower	Upper
196	100		
198	101.0	74.6	112.0
97	39.9	42.9	64.3#
132	25.8	26.3	39.5#

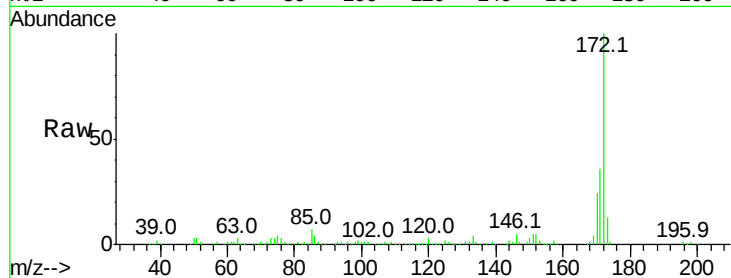




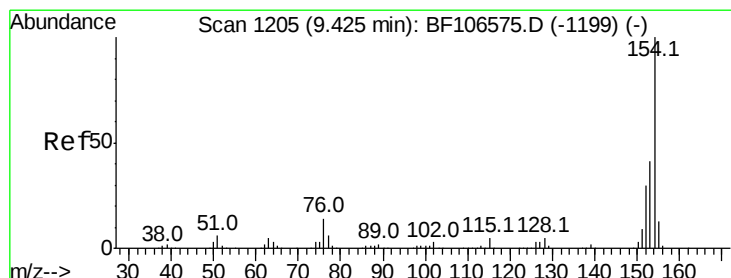
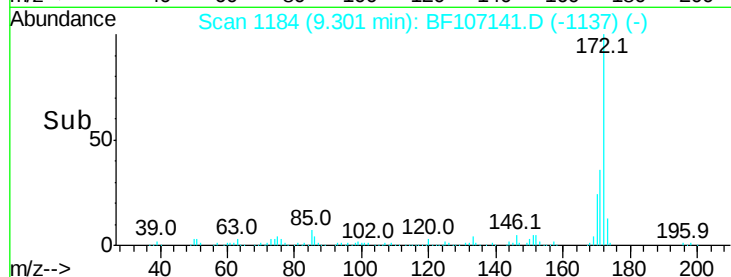
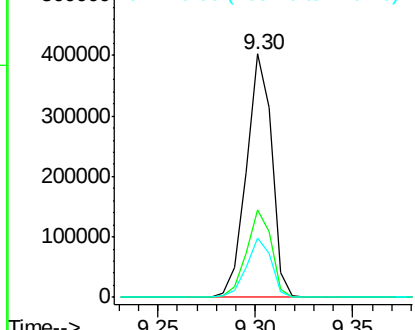
#44
2-Fluorobiphenyl
Concen: 68.905 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF107141.D
Acq: 5 Jul 2018 21:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 361233
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 24.3 19.6 29.4

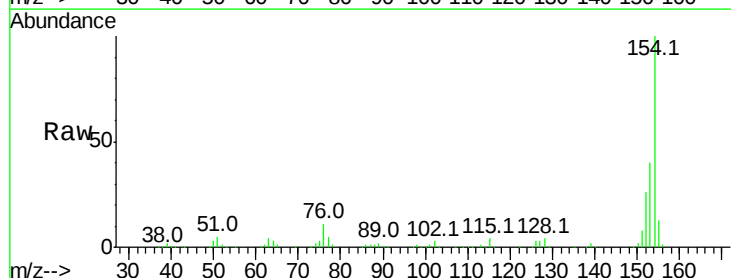


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

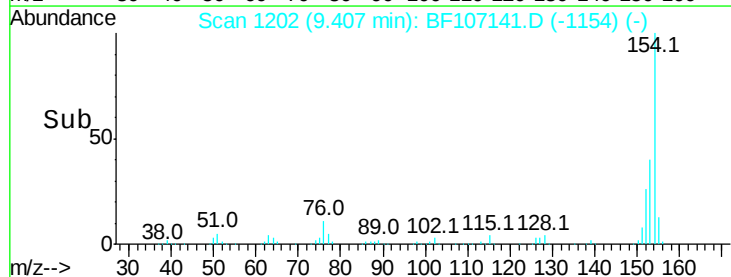
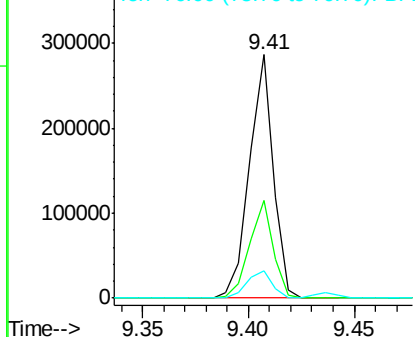


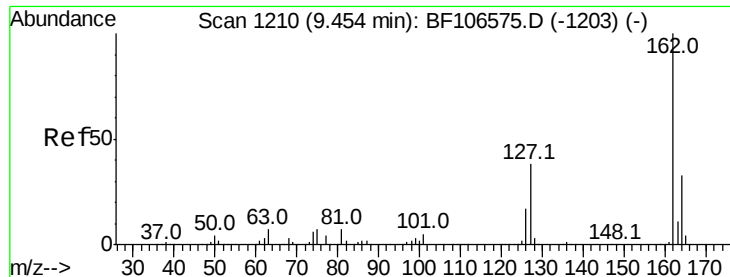
#45
1,1'-Biphenyl
Concen: 33.181 ng
RT: 9.41 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF107141.D
Acq: 5 Jul 2018 21:47

Tgt Ion:154 Resp: 225509
Ion Ratio Lower Upper
154 100
153 40.2 21.3 61.3
76 11.3 0.0 34.0



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

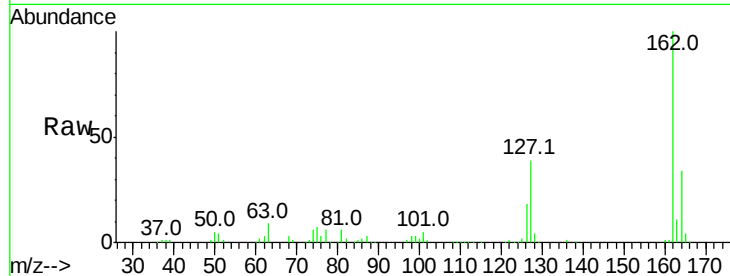




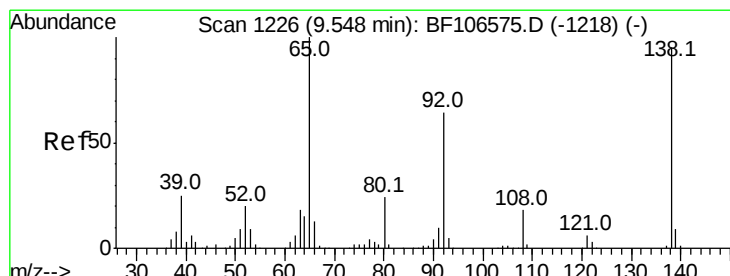
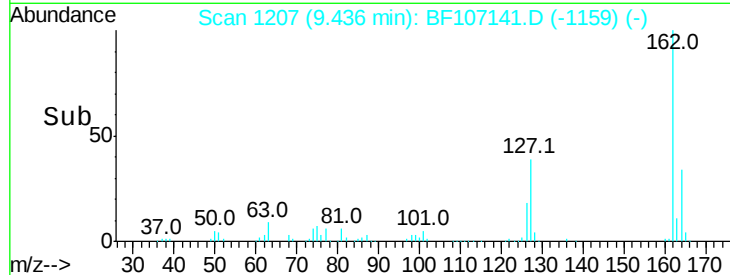
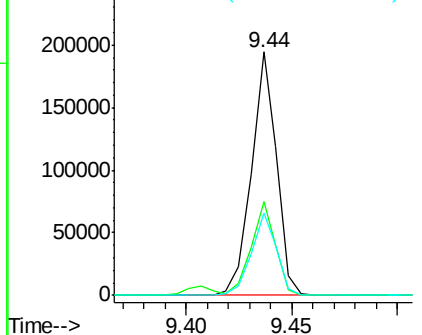
#46
 2-Chloronaphthalene
 Concen: 29.949 ng
 RT: 9.44 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF107141.D
 Acq: 5 Jul 2018 21:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 160215
 Ion Ratio Lower Upper
 162 100
 127 38.8 33.9 50.9
 164 34.0 26.5 39.7

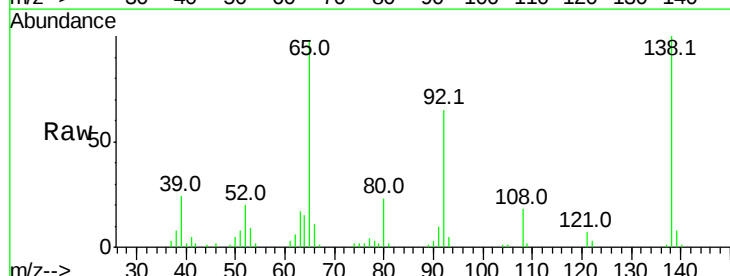


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

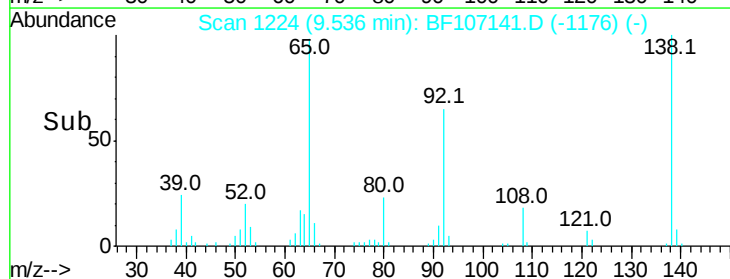
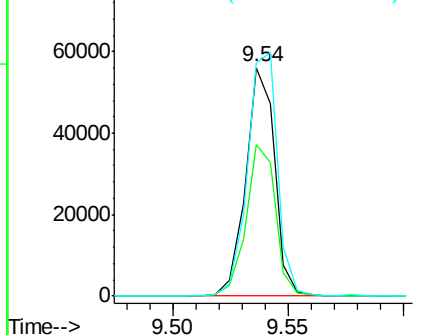


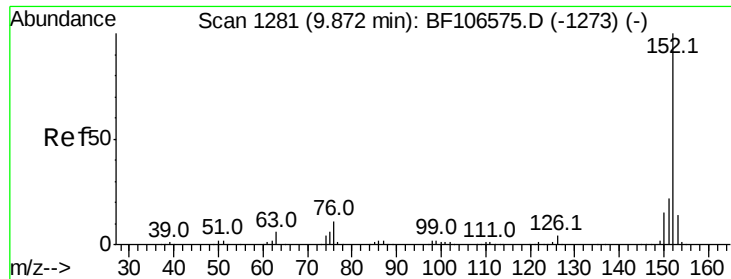
#47
 2-Nitroaniline
 Concen: 27.388 ng
 RT: 9.54 min Scan# 1224
 Delta R.T. -0.02 min
 Lab File: BF107141.D
 Acq: 5 Jul 2018 21:47

Tgt Ion: 65 Resp: 49270
 Ion Ratio Lower Upper
 65 100
 92 66.1 55.8 83.6
 138 102.2 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): E





#48

Acenaphthylene

Concen: 28.740 ng

RT: 9.85 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF107141.D

Acq: 5 Jul 2018 21:47

Instrument :

BNA_F

ClientSampleId :

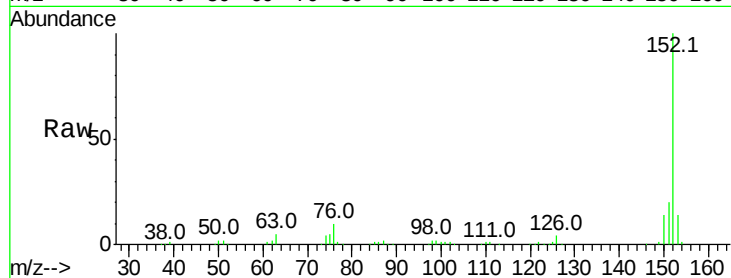
Tot Ion:152 Resp: 242740

Ion Ratio Lower Upper

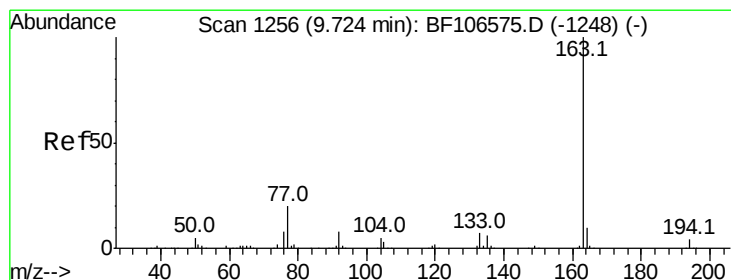
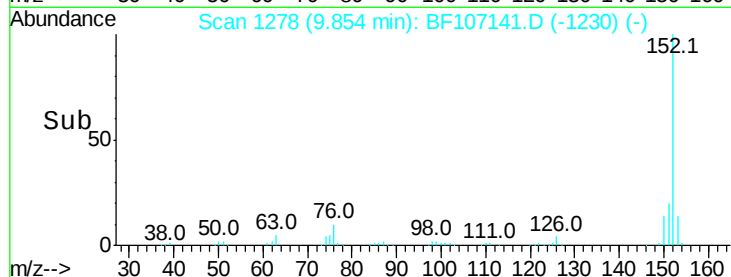
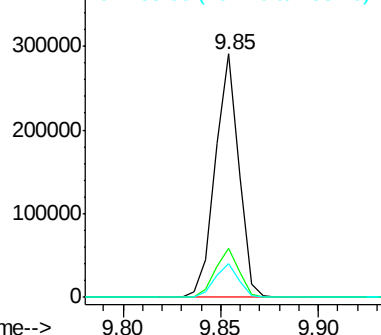
152 100

151 20.2 16.3 24.5

153 14.0 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: 39.217 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF107141.D

Acq: 5 Jul 2018 21:47

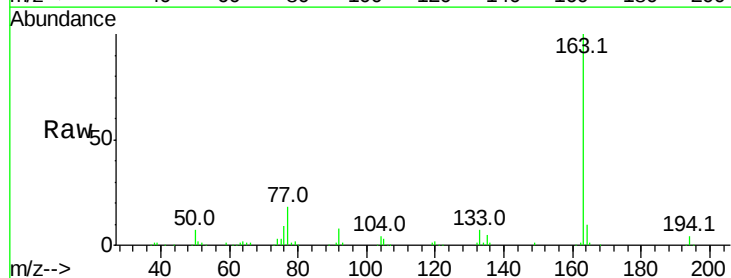
Tgt Ion:163 Resp: 250830

Ion Ratio Lower Upper

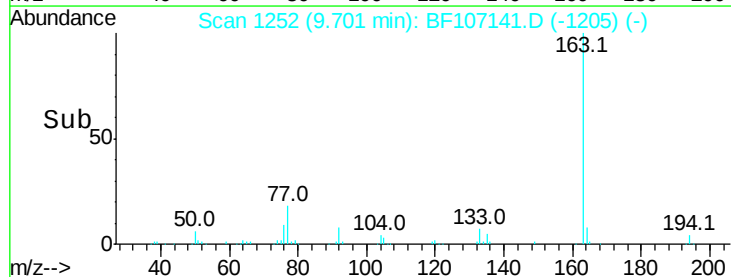
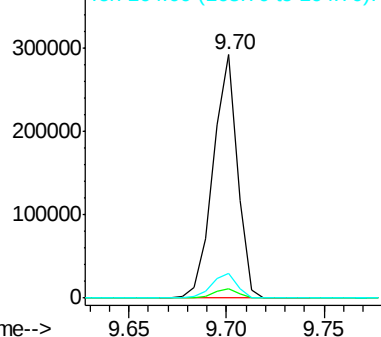
163 100

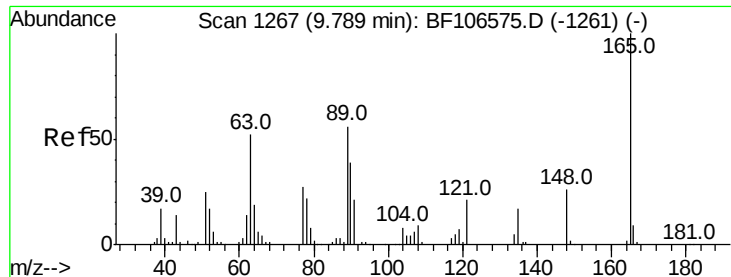
194 4.0 2.7 4.1

164 10.4 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

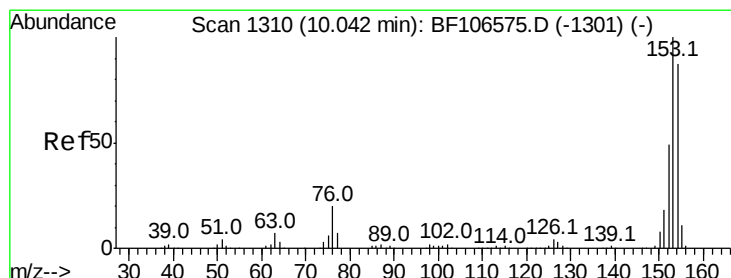
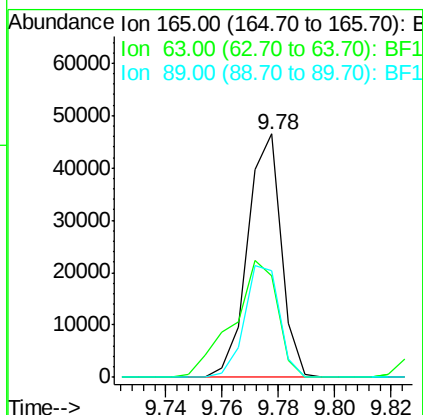
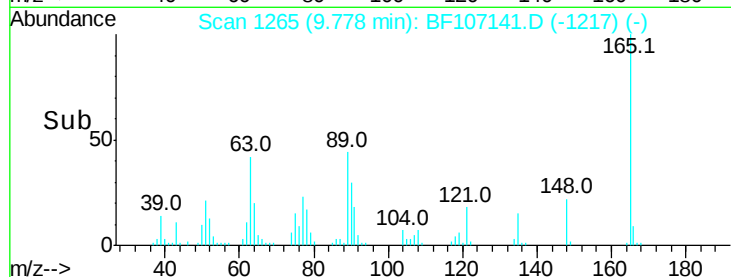
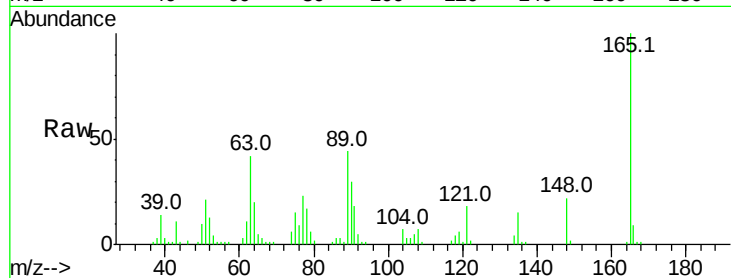




#50
2,6-Dinitrotoluene
Concen: 28.275 ng
RT: 9.78 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF107141.D
Acq: 5 Jul 2018 21:47

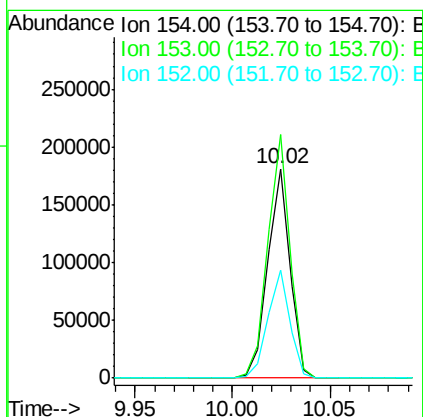
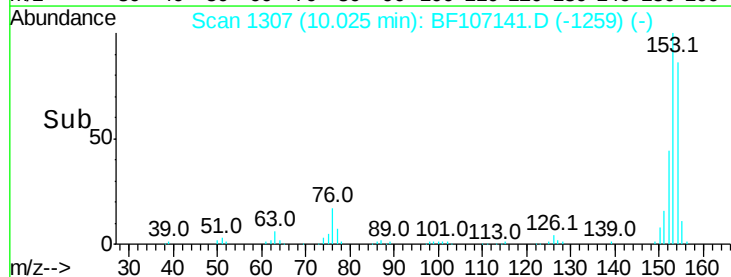
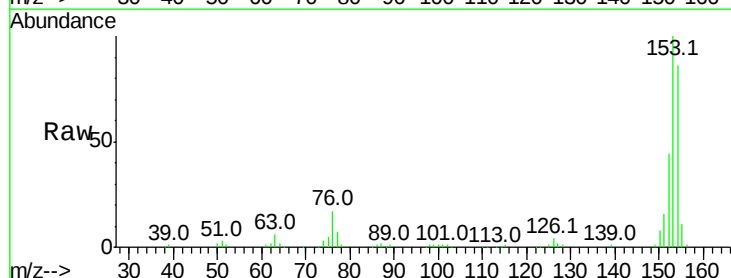
Instrument :
BNA_F
ClientSampleId :

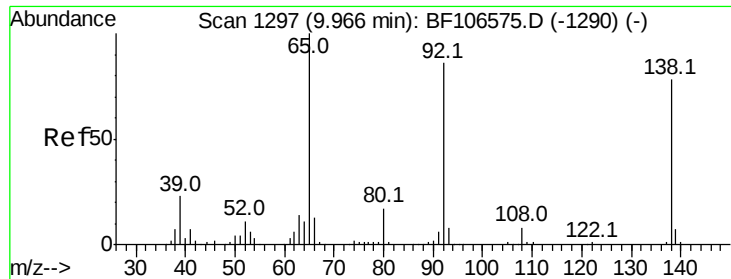
Tot Ion:165 Resp: 38295
Ion Ratio Lower Upper
165 100
63 41.8 44.7 67.1#
89 43.9 44.0 66.0#



#51
Acenaphthene
Concen: 26.930 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF107141.D
Acq: 5 Jul 2018 21:47

Tgt Ion:154 Resp: 143232
Ion Ratio Lower Upper
154 100
153 116.4 91.2 136.8
152 51.7 43.8 65.8

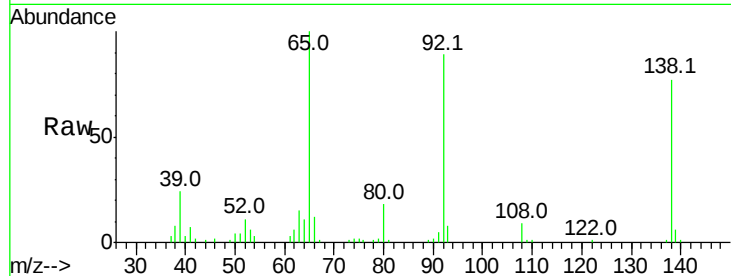




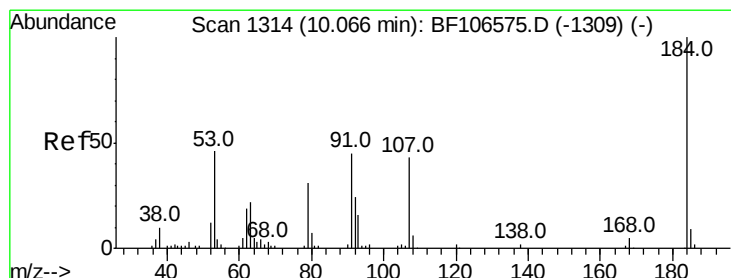
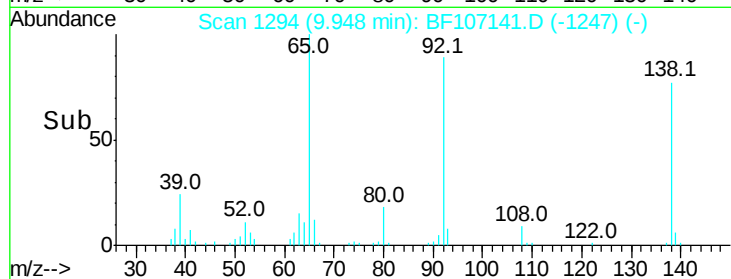
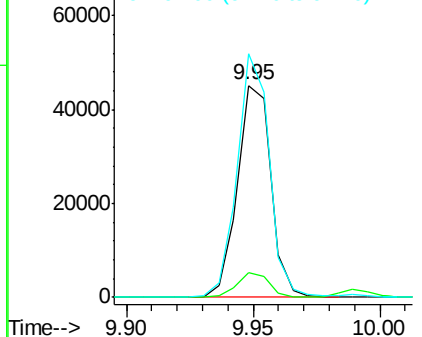
#52
 3-Nitroaniline
 Concen: 26.610 ng
 RT: 9.95 min Scan# 1294
 Delta R.T. -0.02 min
 Lab File: BF107141.D
 Acq: 5 Jul 2018 21:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 41473
 Ion Ratio Lower Upper
 138 100
 108 11.5 9.4 14.0
 92 115.0 89.4 134.2

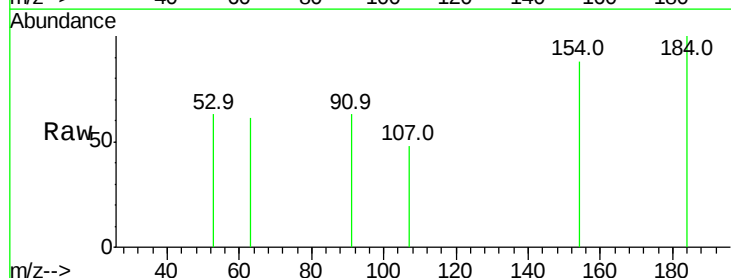


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

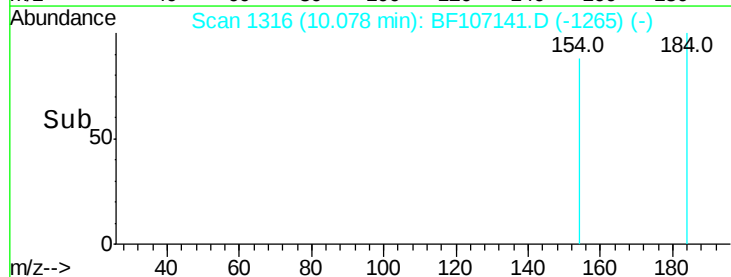
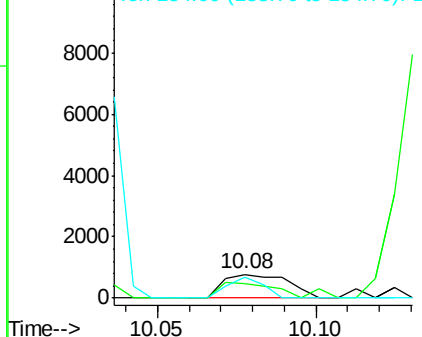


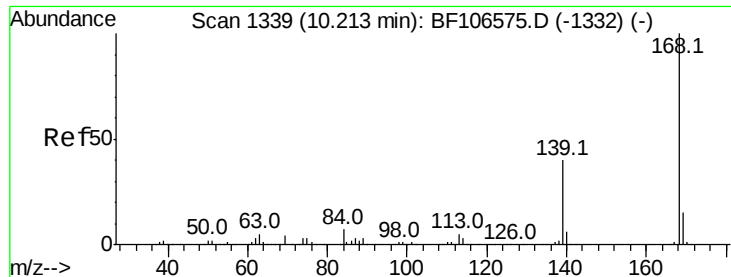
#53
 2,4-Dinitrophenol
 Concen: 6.785 ng
 RT: 10.08 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF107141.D
 Acq: 5 Jul 2018 21:47

Tgt Ion:184 Resp: 1081
 Ion Ratio Lower Upper
 184 100
 63 60.5 54.2 81.2
 154 87.5 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 30.164 ng

RT: 10.20 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BF107141.D

Acq: 5 Jul 2018 21:47

Instrument :

BNA_F

ClientSampleId :

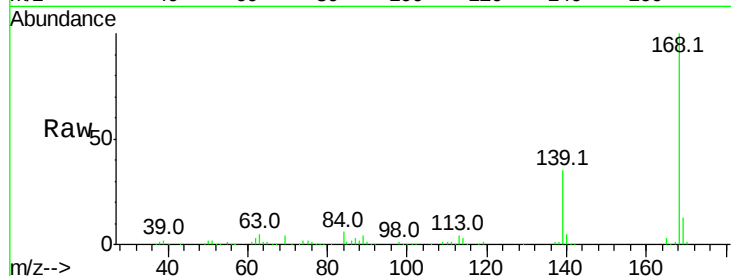
Tot Ion:168 Resp: 219675

Ion Ratio Lower Upper

168 100

139 34.8 30.1 45.1

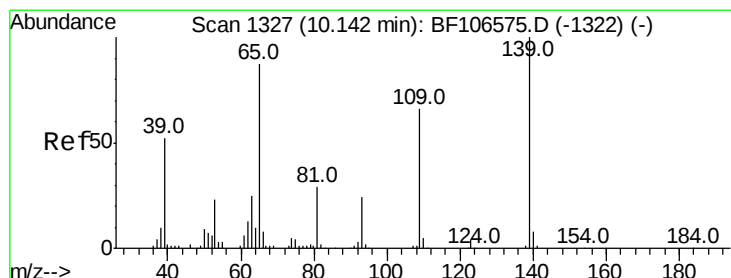
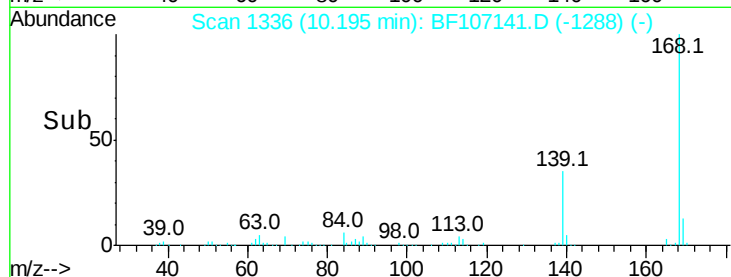
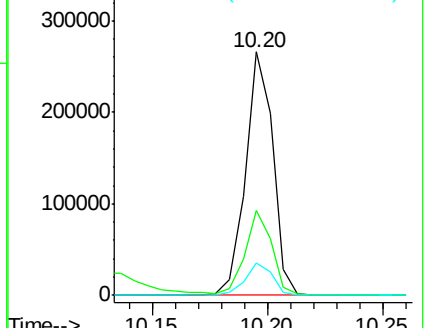
169 13.4 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 32.229 ng

RT: 10.13 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF107141.D

Acq: 5 Jul 2018 21:47

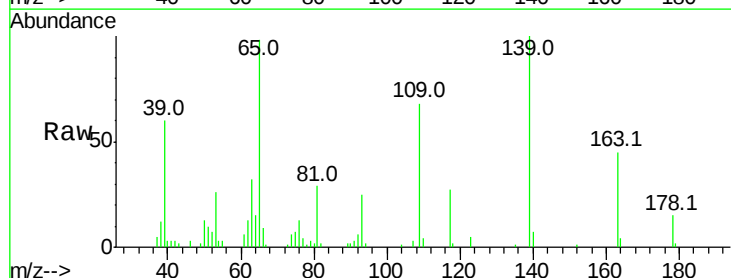
Tgt Ion:139 Resp: 35061

Ion Ratio Lower Upper

139 100

109 67.6 48.4 88.4

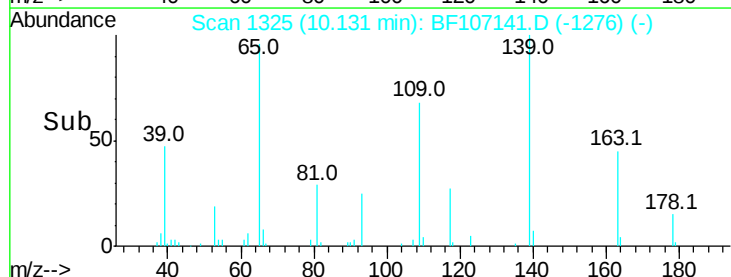
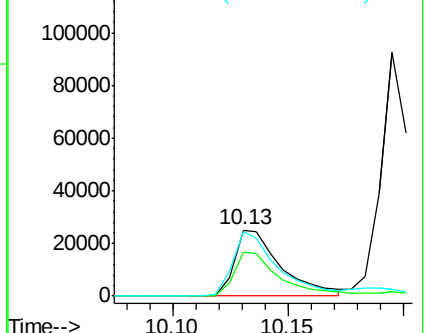
65 98.5 72.6 112.6

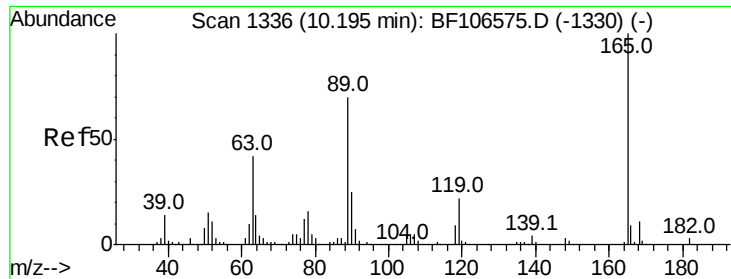


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

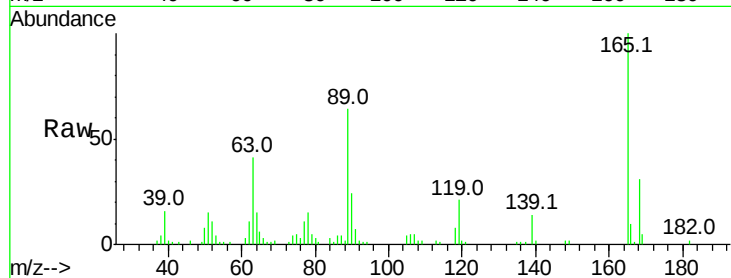




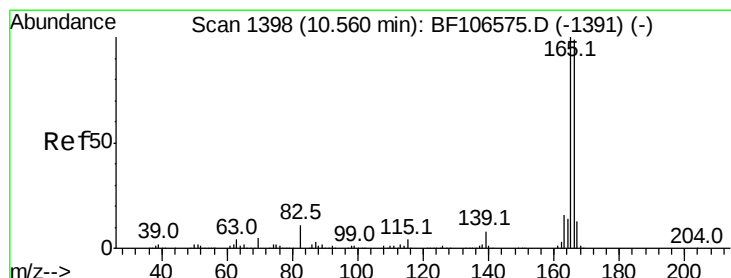
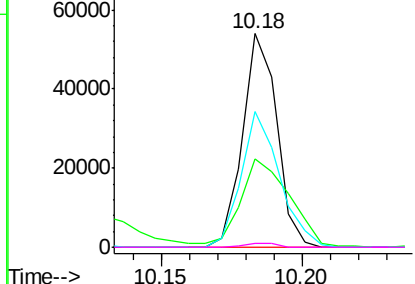
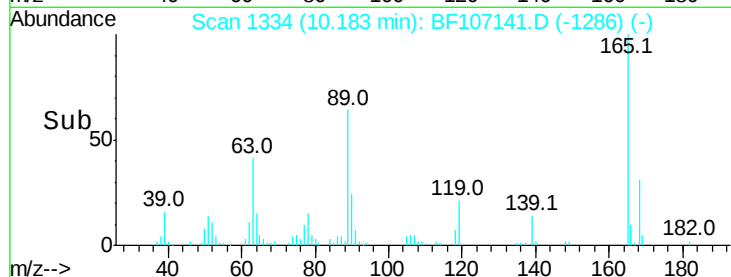
#56
2,4-Dinitrotoluene
Concen: 25.792 ng
RT: 10.18 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BF107141.D
Acq: 5 Jul 2018 21:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	165	Resp:	45597
Ion	Ratio	Lower	Upper
165	100		
63	41.3	36.4	54.6
89	63.8	57.8	86.6
182	2.1	1.6	2.4

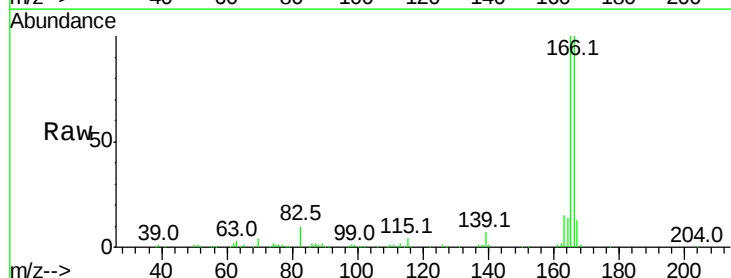


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

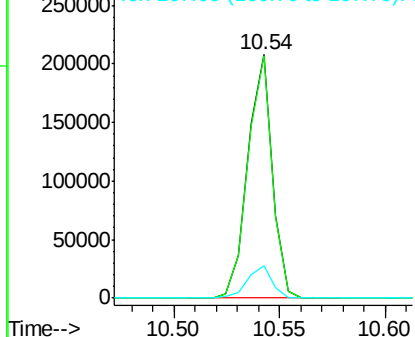
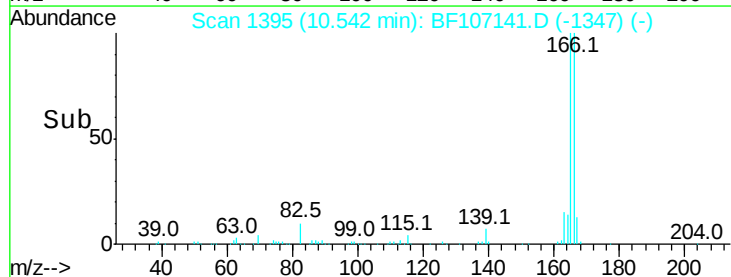


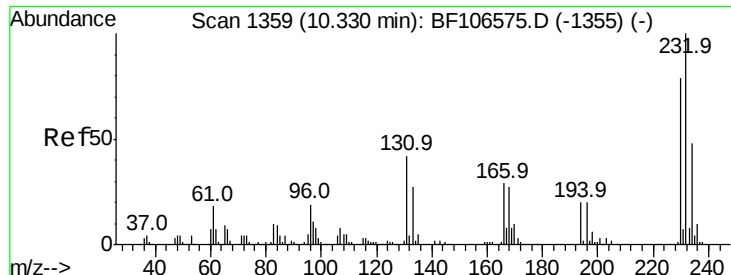
#57
Fluorene
Concen: 29.021 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF107141.D
Acq: 5 Jul 2018 21:47

Tgt Ion:	166	Resp:	167715
Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.8	119.8
167	13.3	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

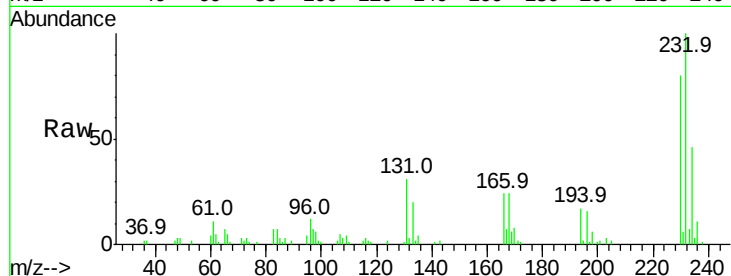




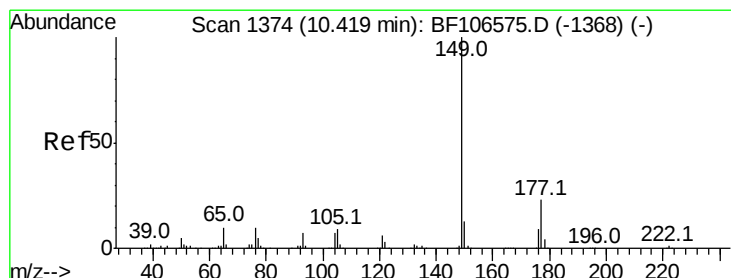
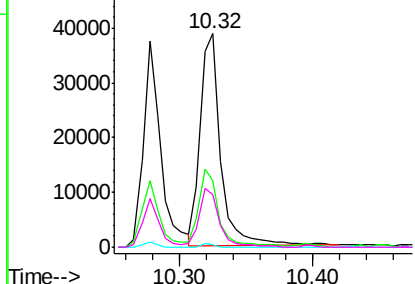
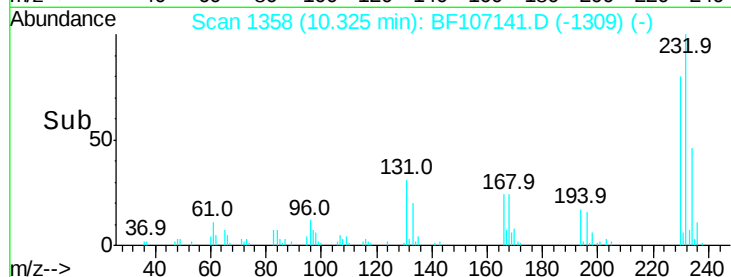
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 25.832 ng
 RT: 10.32 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF107141.D
 Acq: 5 Jul 2018 21:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 40905
 Ion Ratio Lower Upper
 232 100
 131 36.6 43.8 65.8#
 130 1.0 2.1 3.1#
 166 27.7 27.8 41.6#

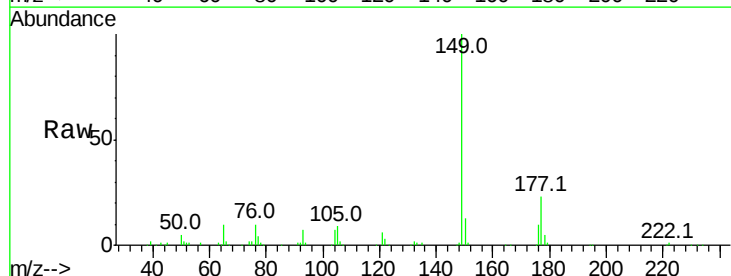


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

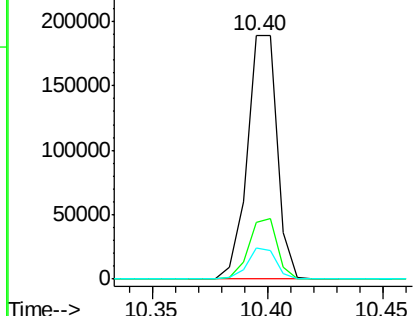
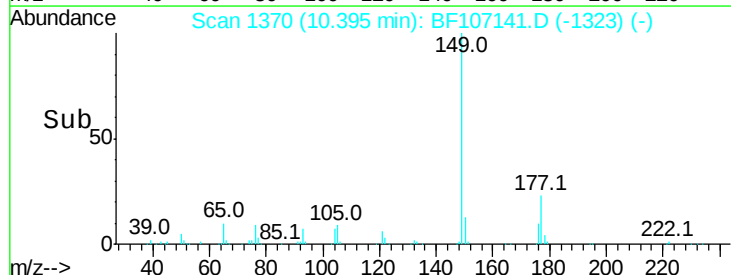


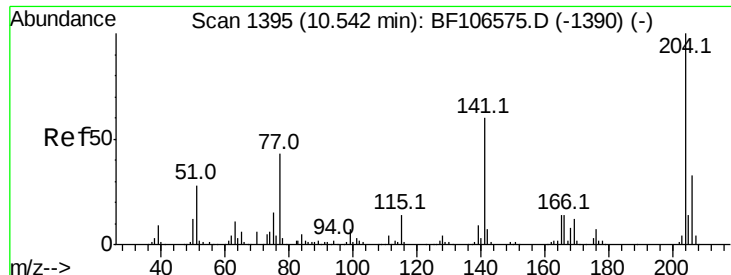
#59
 Diethylphthalate
 Concen: 27.759 ng
 RT: 10.40 min Scan# 1370
 Delta R.T. -0.02 min
 Lab File: BF107141.D
 Acq: 5 Jul 2018 21:47

Tgt Ion:149 Resp: 171366
 Ion Ratio Lower Upper
 149 100
 177 23.3 16.1 24.1
 150 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

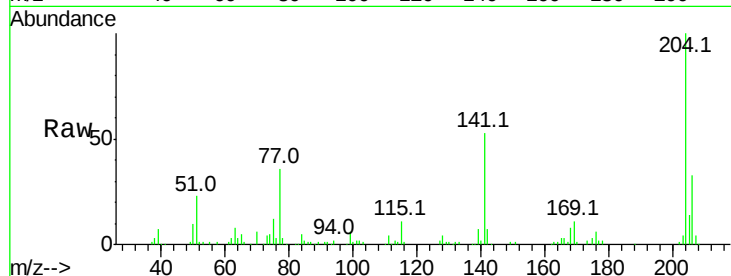




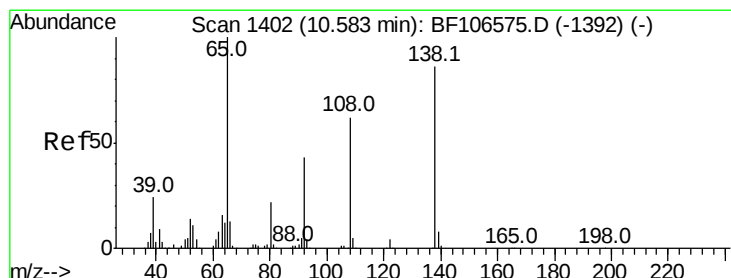
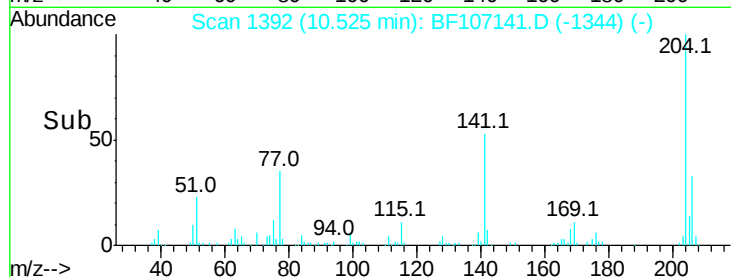
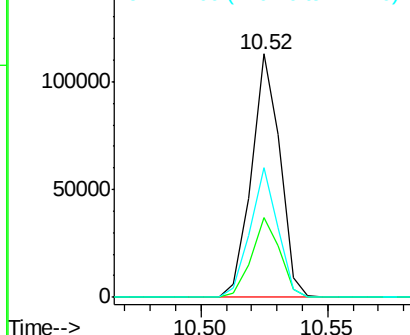
#60
4-Chlorophenyl-phenylether
Concen: 29.311 ng
RT: 10.52 min Scan# 1392
Delta R.T. -0.02 min
Lab File: BF107141.D
Acq: 5 Jul 2018 21:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 88629
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 53.1 54.6 81.8#

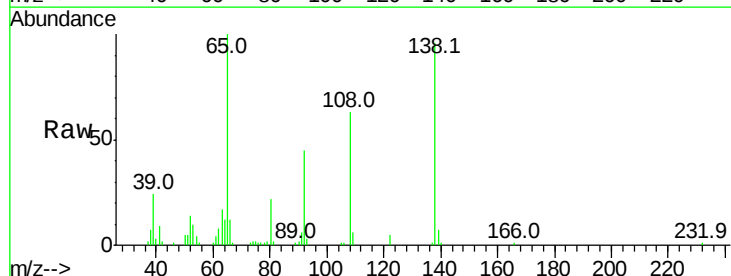


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

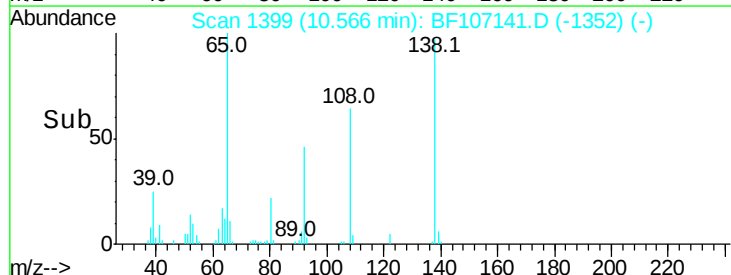
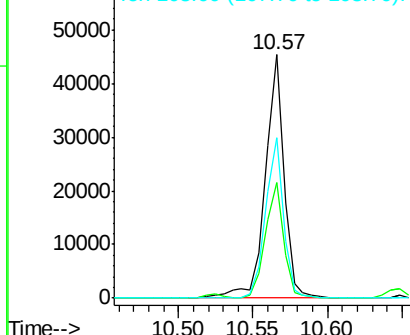


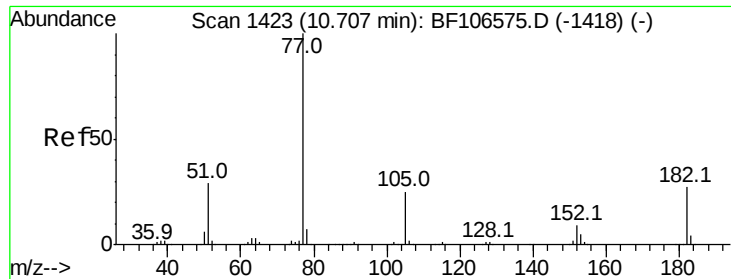
#61
4-Nitroaniline
Concen: 25.279 ng
RT: 10.57 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BF107141.D
Acq: 5 Jul 2018 21:47

Tgt Ion:138 Resp: 39100
Ion Ratio Lower Upper
138 100
92 47.6 30.2 70.2
108 65.9 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 24.772 ng

RT: 10.69 min Scan# 1420

Delta R.T. -0.02 min

Lab File: BF107141.D

Acq: 5 Jul 2018 21:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 150591

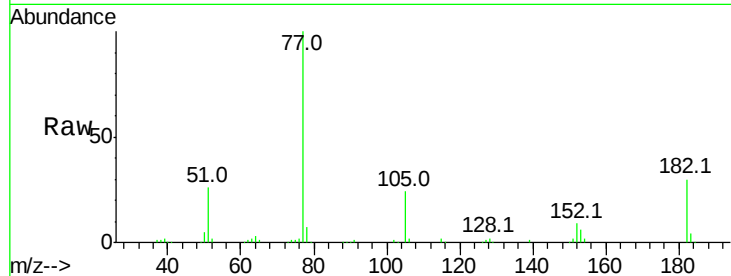
Ion Ratio Lower Upper

77 100

182 29.9 1.7 41.7

105 24.4 3.0 43.0

51 26.0 9.9 49.9

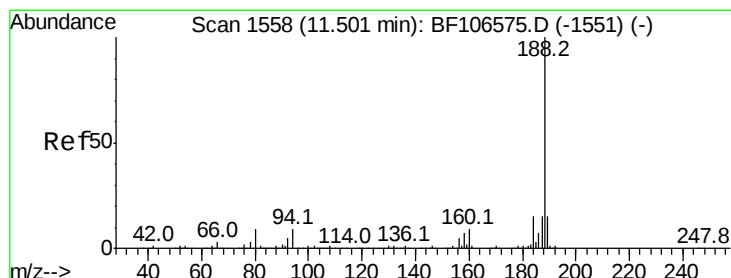
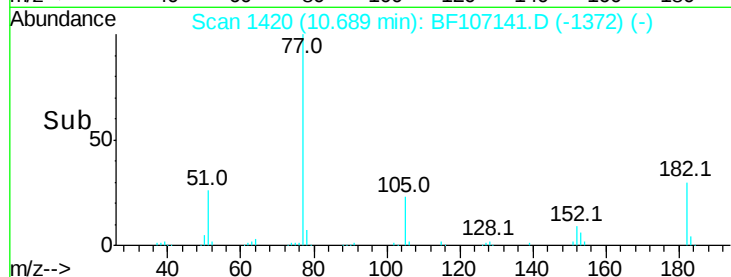
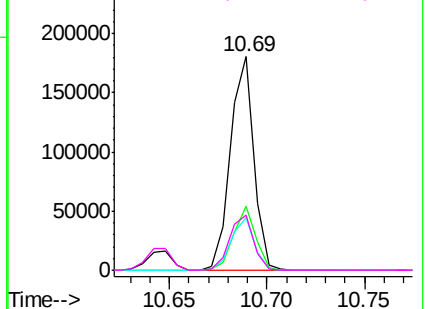


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BF107141.D

Acq: 5 Jul 2018 21:47

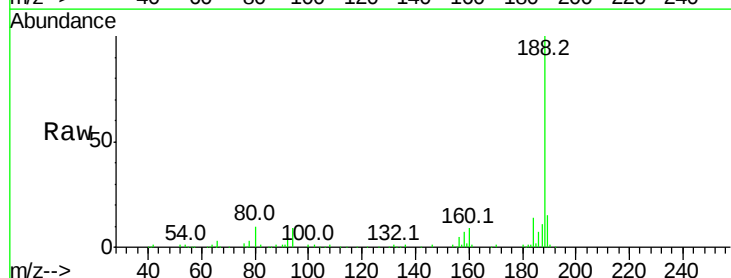
Tgt Ion: 188 Resp: 146213

Ion Ratio Lower Upper

188 100

94 8.8 8.5 12.7

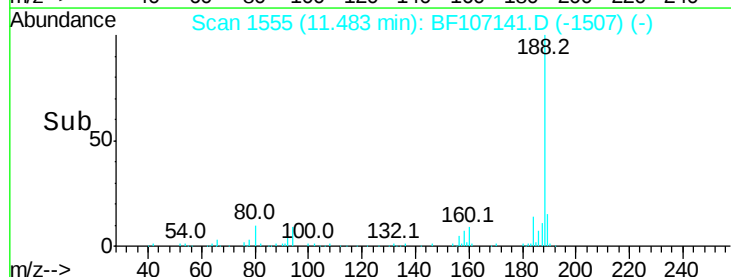
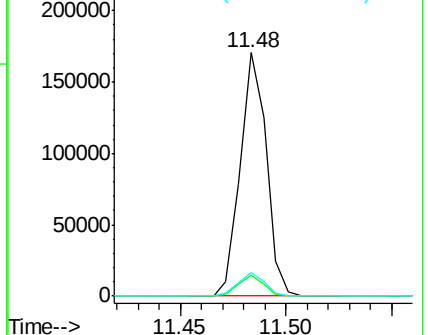
80 9.5 9.2 13.8

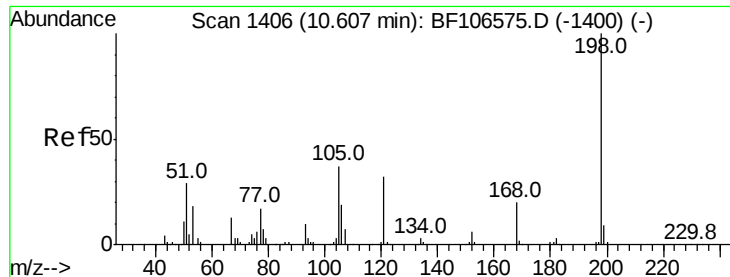


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 3.484 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF107141.D

Acq: 5 Jul 2018 21:47

Instrument :

BNA_F

ClientSampleId :

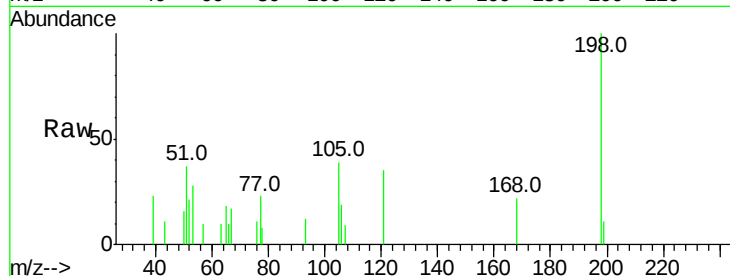
Tot Ion:198 Resp: 3149

Ion Ratio Lower Upper

198 100

51 36.9 37.7 77.7#

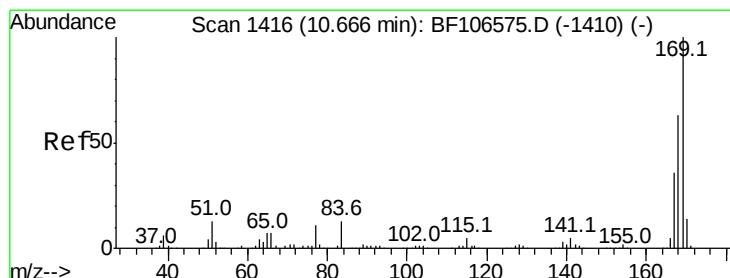
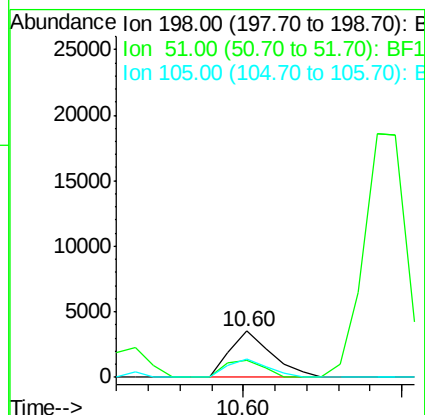
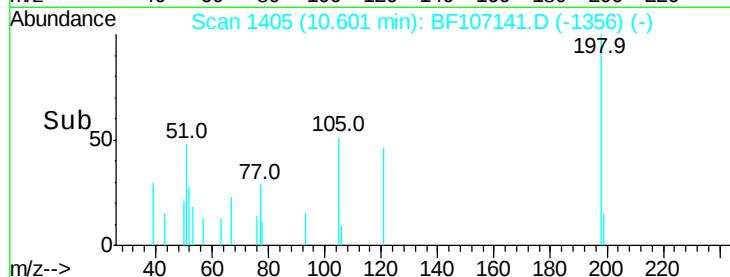
105 39.3 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 29.117 ng

RT: 10.65 min Scan# 1413

Delta R.T. -0.02 min

Lab File: BF107141.D

Acq: 5 Jul 2018 21:47

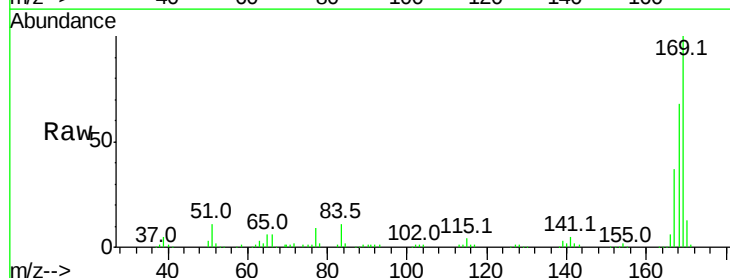
Tgt Ion:169 Resp: 143193

Ion Ratio Lower Upper

169 100

168 68.3 54.4 81.6

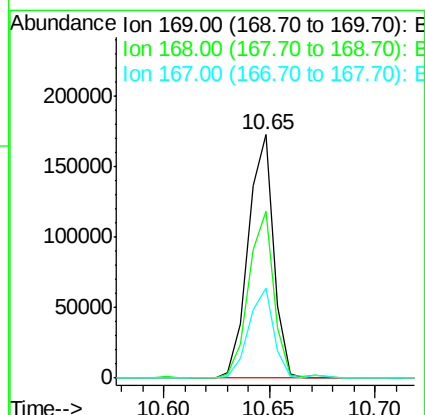
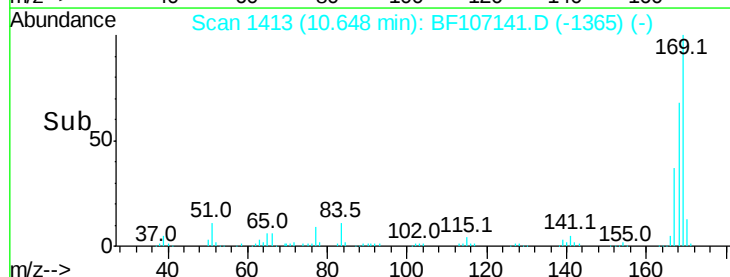
167 36.9 29.8 44.6

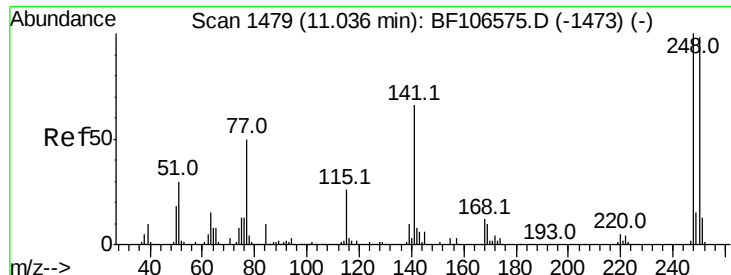


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

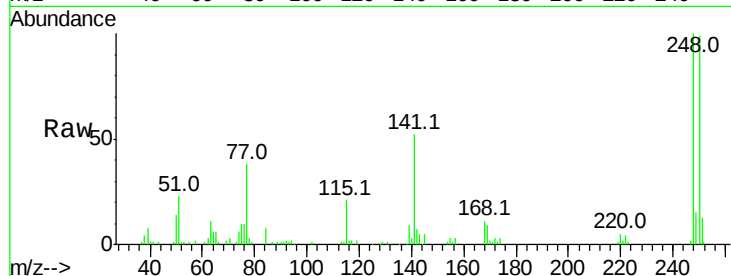




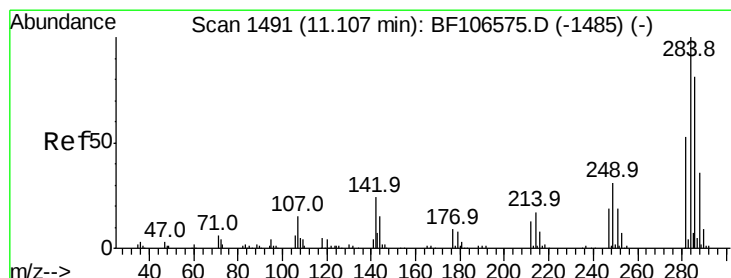
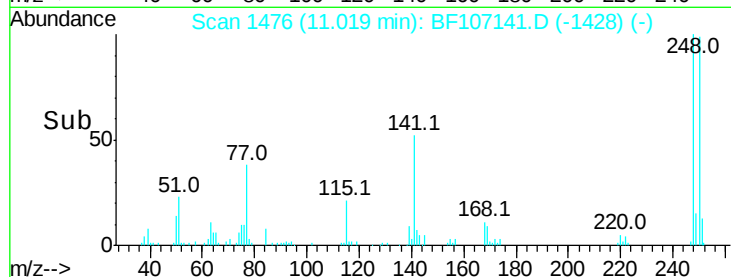
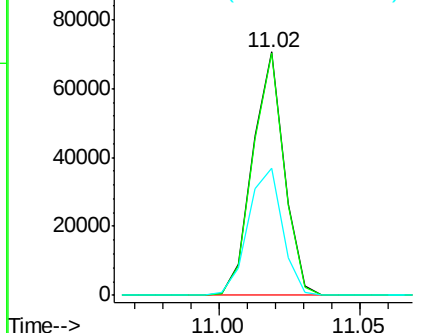
#66
4-Bromophenyl-phenylether
Concen: 31.449 ng
RT: 11.02 min Scan# 1476
Delta R.T. -0.02 min
Lab File: BF107141.D
Acq: 5 Jul 2018 21:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 54877
Ion Ratio Lower Upper
248 100
250 99.4 76.9 115.3
141 52.4 74.4 111.6#

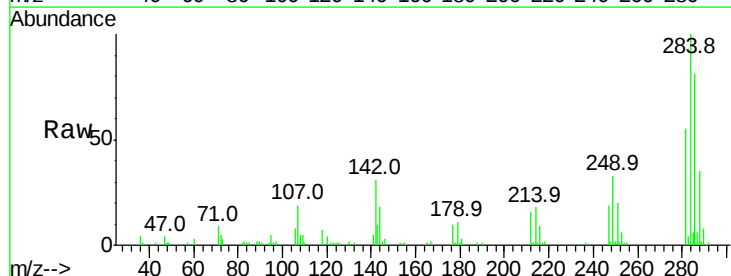


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

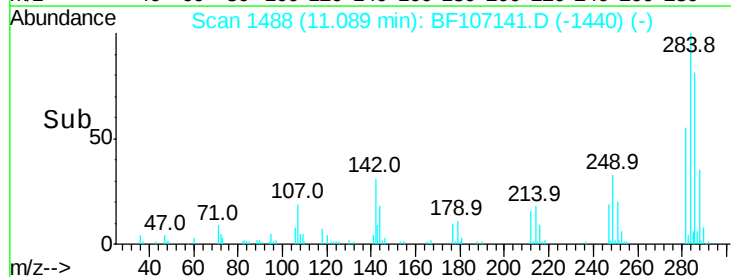
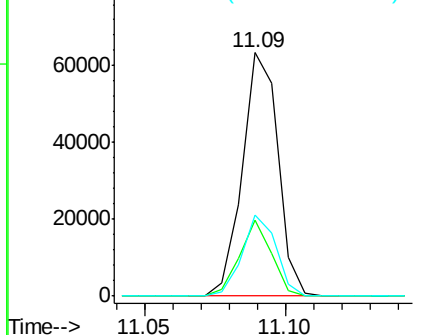


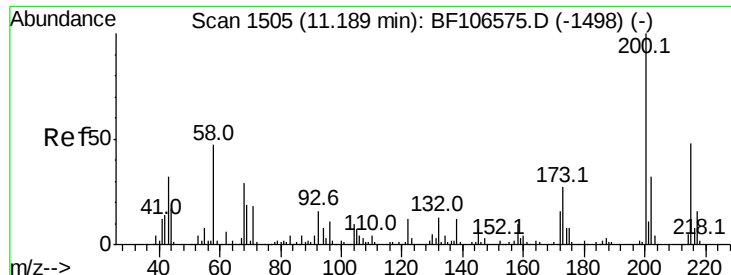
#67
Hexachlorobenzene
Concen: 30.349 ng
RT: 11.09 min Scan# 1488
Delta R.T. -0.02 min
Lab File: BF107141.D
Acq: 5 Jul 2018 21:47

Tgt Ion:284 Resp: 55428
Ion Ratio Lower Upper
284 100
142 31.0 34.6 52.0#
249 33.2 24.8 37.2



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

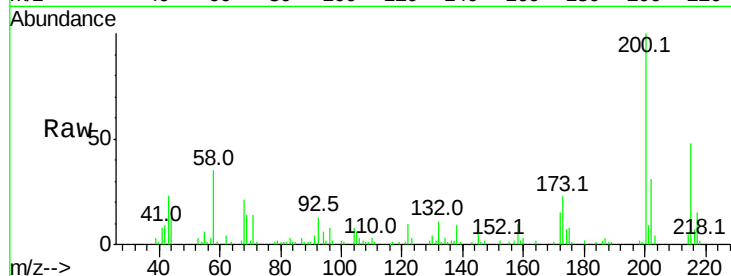




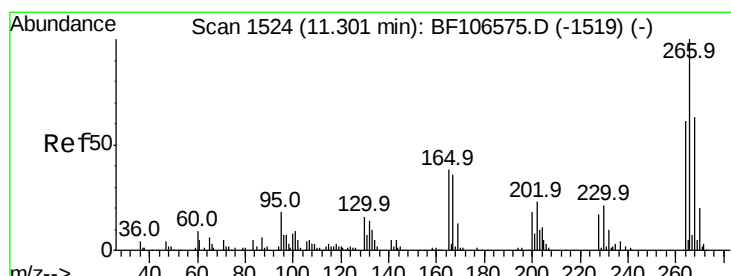
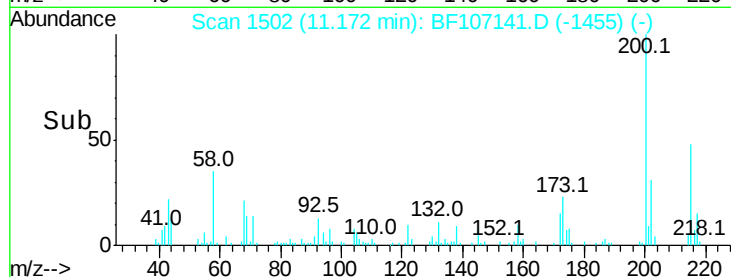
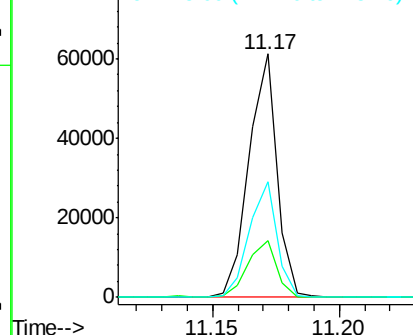
#68
Atrazine
Concen: 30.190 ng
RT: 11.17 min Scan# 1502
Delta R.T. -0.02 min
Lab File: BF107141.D
Acq: 5 Jul 2018 21:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 47199
Ion Ratio Lower Upper
200 100
173 23.3 8.6 48.6
215 47.6 25.1 65.1

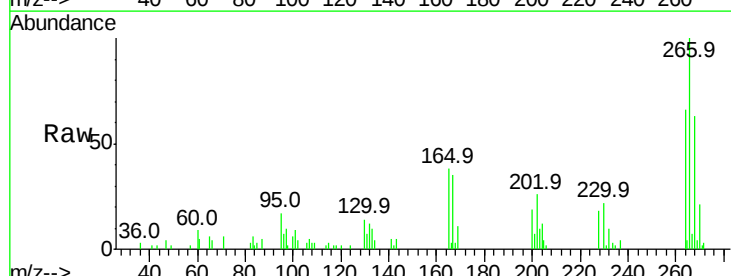


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

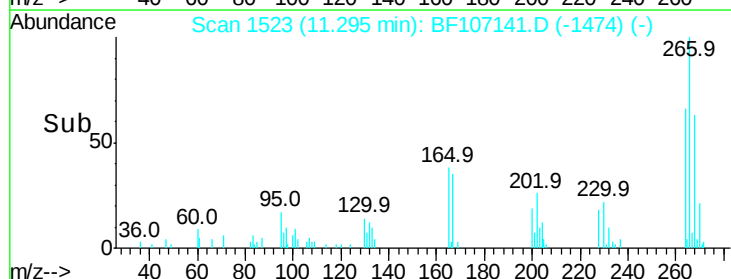
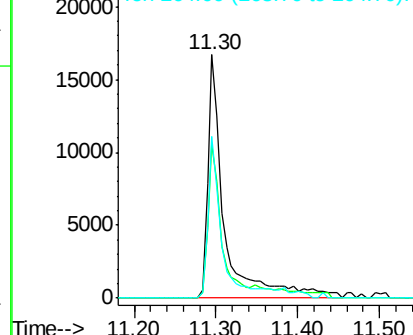


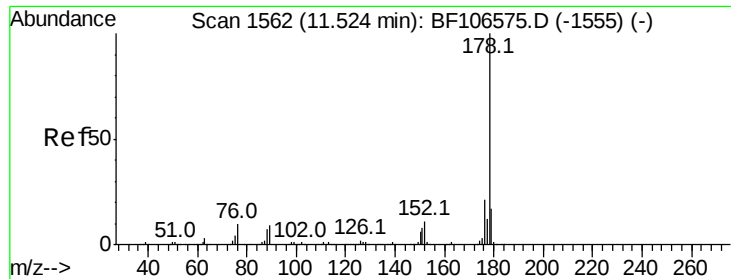
#69
Pentachlorophenol
Concen: 26.200 ng
RT: 11.30 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF107141.D
Acq: 5 Jul 2018 21:47

Tgt Ion:266 Resp: 23876
Ion Ratio Lower Upper
266 100
268 63.2 51.1 76.7
264 66.2 49.5 74.3



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

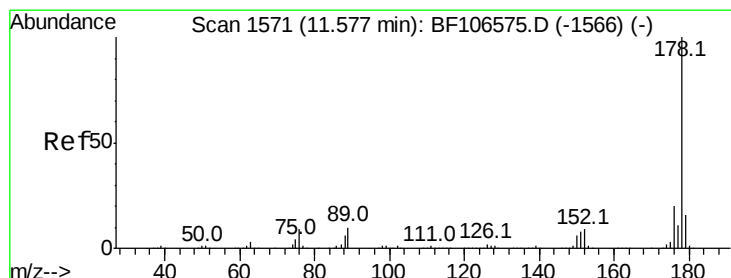
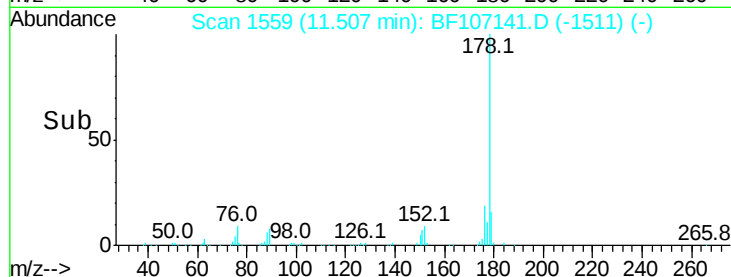
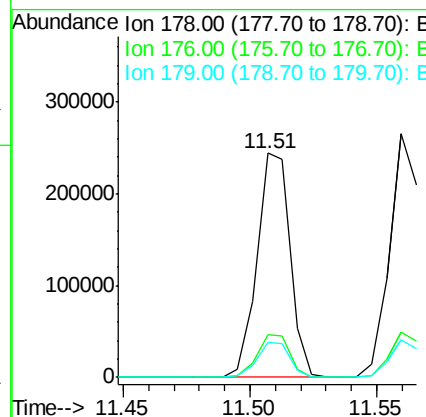
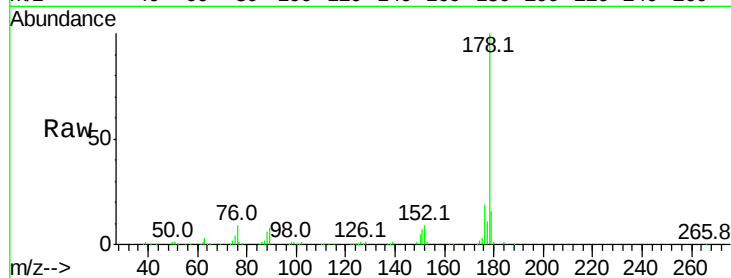




#70
Phenanthrene
Concen: 31.700 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF107141.D
Acq: 5 Jul 2018 21:47

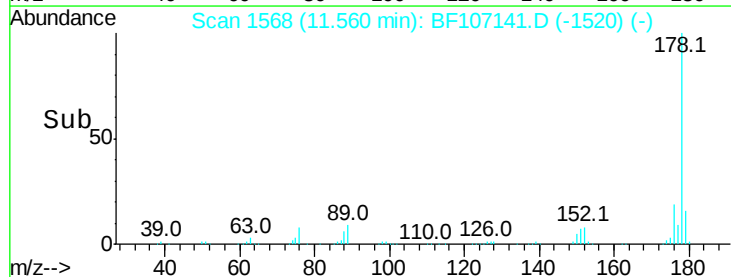
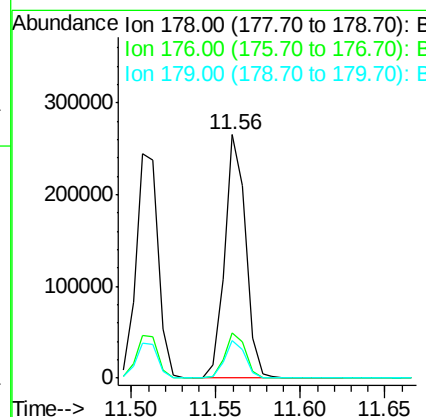
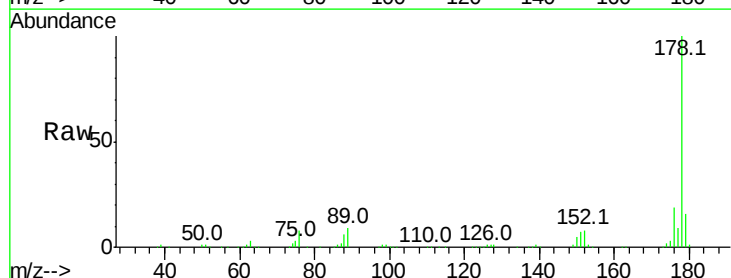
Instrument :
BNA_F
ClientSampleId :

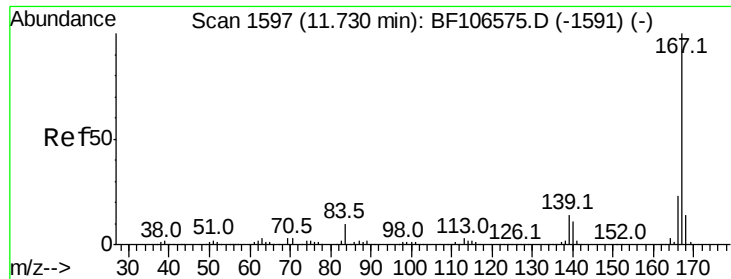
Tot Ion:178 Resp: 223556
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.8
179 15.6 13.0 19.6



#71
Anthracene
Concen: 31.855 ng
RT: 11.56 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF107141.D
Acq: 5 Jul 2018 21:47

Tgt Ion:178 Resp: 229300
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.6 12.6 19.0

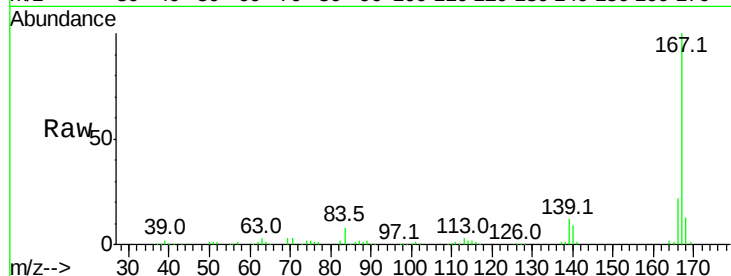




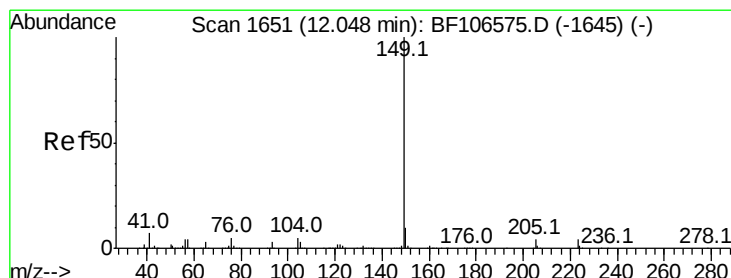
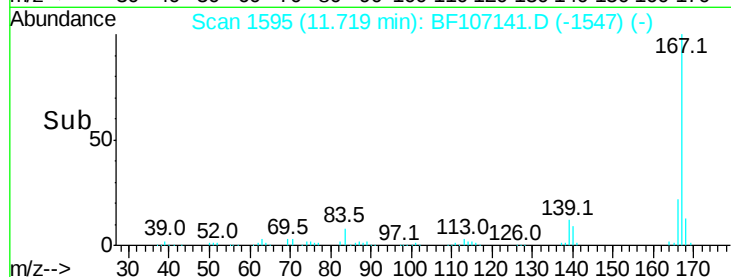
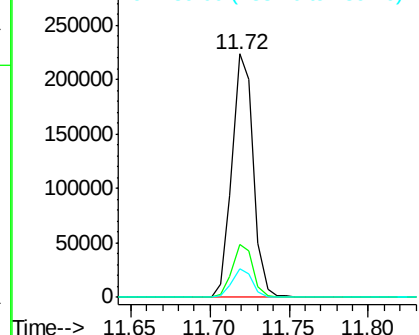
#72
 Carbazole
 Concen: 30.999 ng
 RT: 11.72 min Scan# 1595
 Delta R.T. -0.02 min
 Lab File: BF107141.D
 Acq: 5 Jul 2018 21:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.6	26.4
139	11.7	10.9	16.3

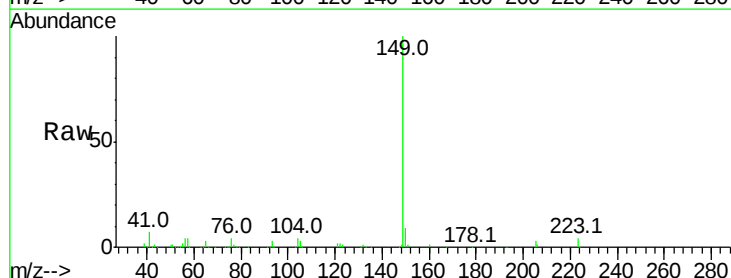


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

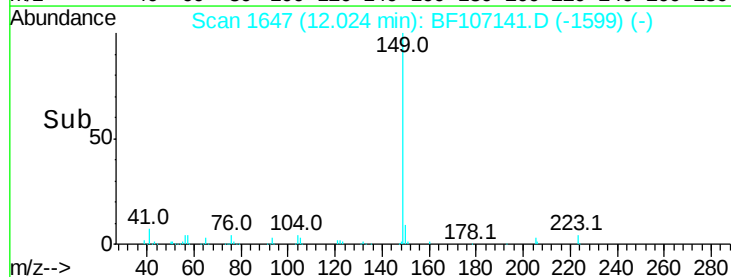
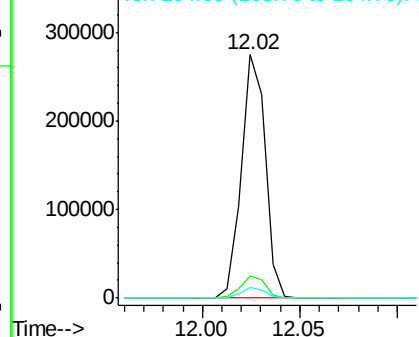


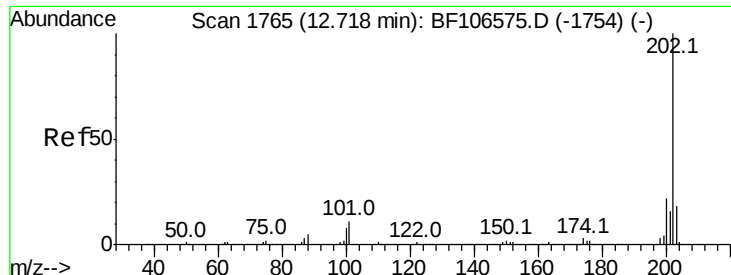
#73
 Di-n-butylphthalate
 Concen: 29.311 ng
 RT: 12.02 min Scan# 1647
 Delta R.T. -0.02 min
 Lab File: BF107141.D
 Acq: 5 Jul 2018 21:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.8	11.6
104	4.4	3.8	5.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

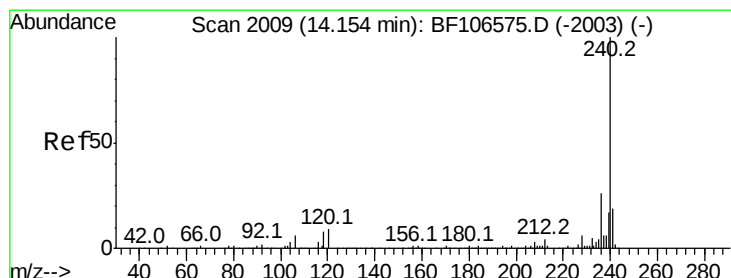
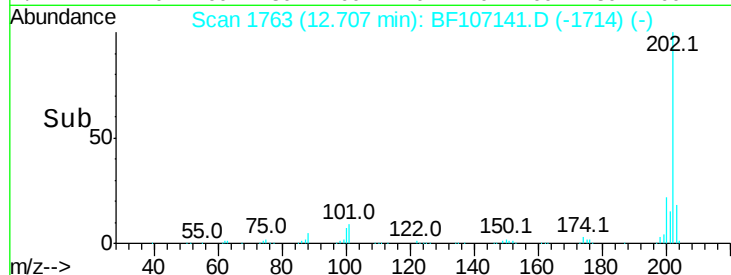
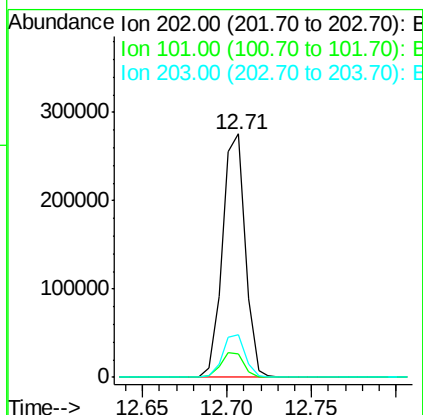
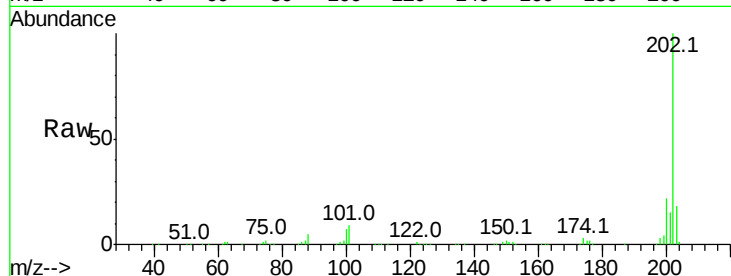




#74
 Fluoranthene
 Concen: 33.352 ng
 RT: 12.71 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: BF107141.D
 Acq: 5 Jul 2018 21:47

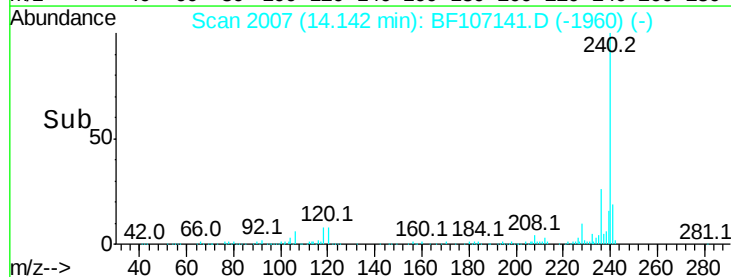
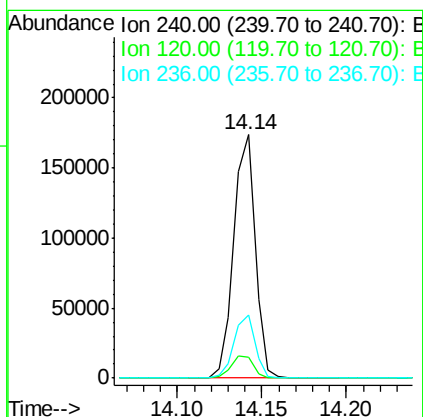
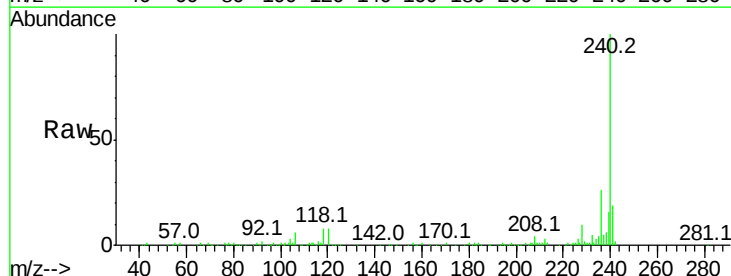
Instrument :
 BNA_F
 ClientSampleId :

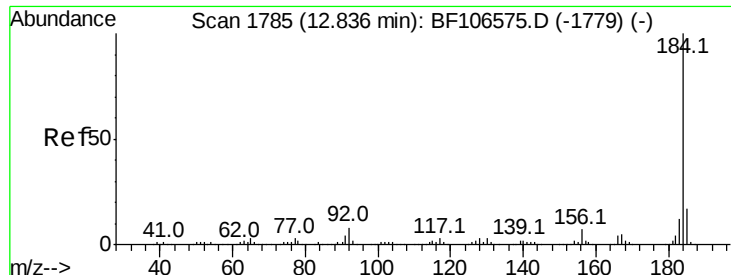
Tot Ion:202 Resp: 259241
 Ion Ratio Lower Upper
 202 100
 101 9.5 0.0 34.1
 203 17.7 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.02 min
 Lab File: BF107141.D
 Acq: 5 Jul 2018 21:47

Tgt Ion:240 Resp: 154069
 Ion Ratio Lower Upper
 240 100
 120 8.5 9.5 14.3#
 236 25.8 20.7 31.1

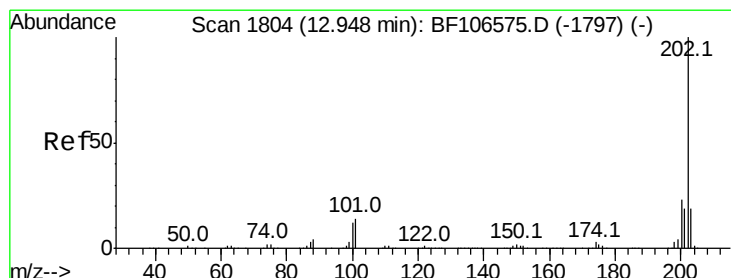
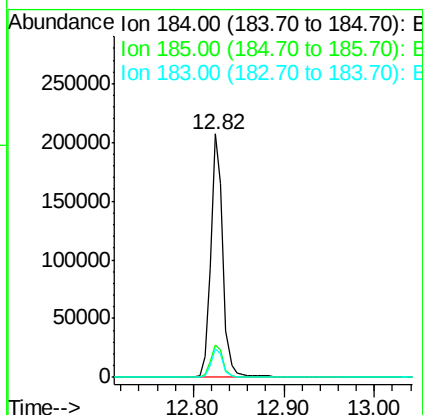
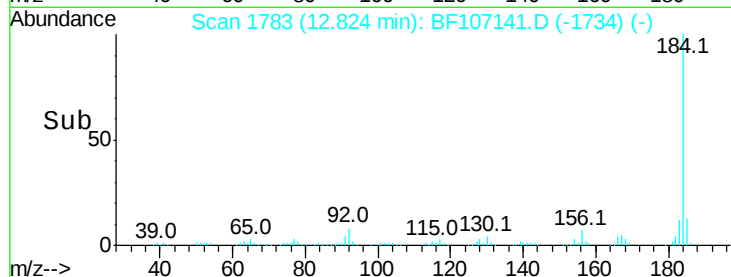
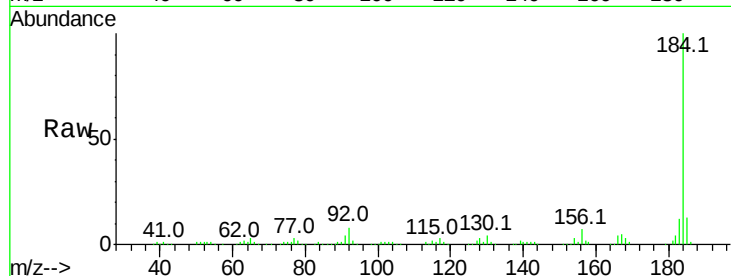




#76
Benzidine
Concen: 44.408 ng
RT: 12.82 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF107141.D
Acq: 5 Jul 2018 21:47

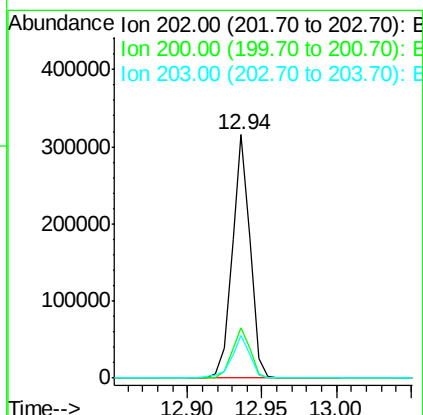
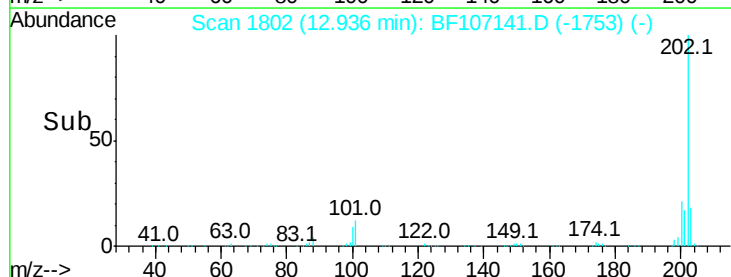
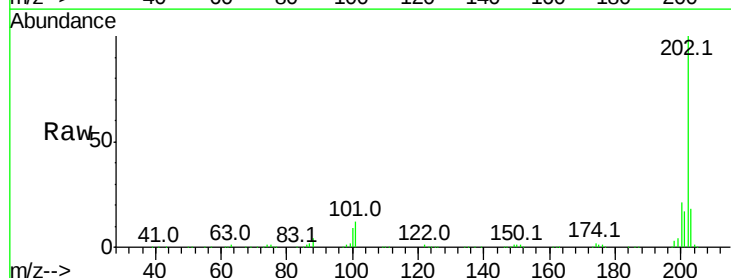
Instrument :
BNA_F
ClientSampled :

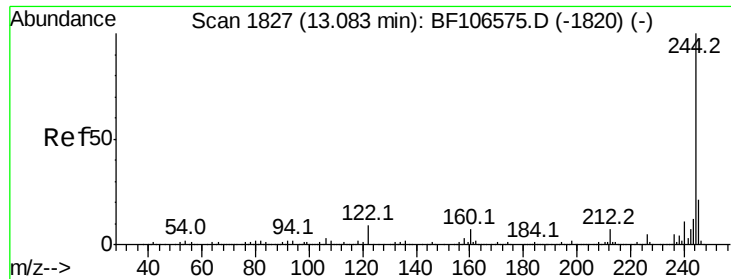
Tot Ion:184 Resp: 194854
Ion Ratio Lower Upper
184 100
185 13.3 12.6 18.8
183 11.6 9.3 13.9



#77
Pyrene
Concen: 26.220 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF107141.D
Acq: 5 Jul 2018 21:47

Tgt Ion:202 Resp: 266386
Ion Ratio Lower Upper
202 100
200 20.7 17.4 26.2
203 17.5 14.3 21.5

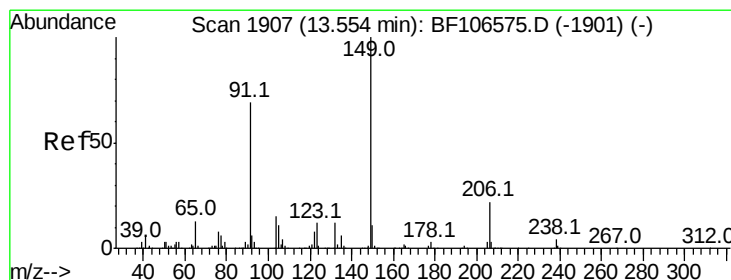
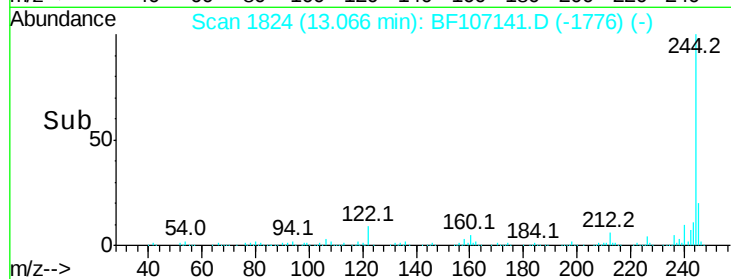
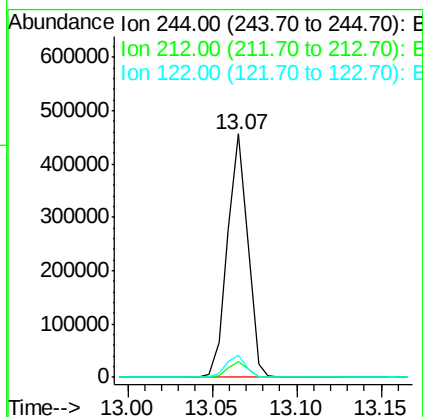
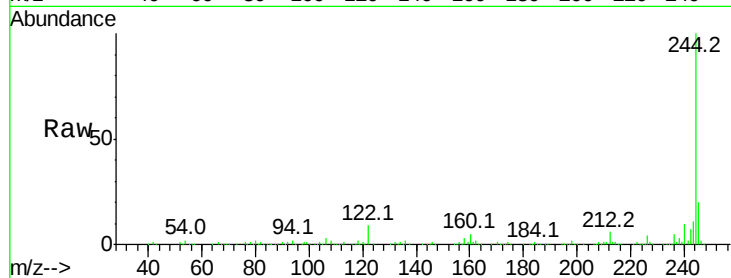




#78
 Terphenyl-d14
 Concen: 59.655 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107141.D
 Acq: 5 Jul 2018 21:47

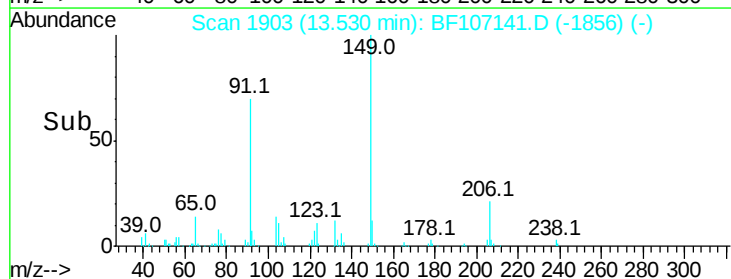
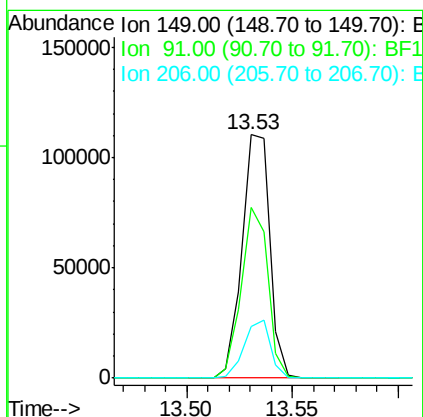
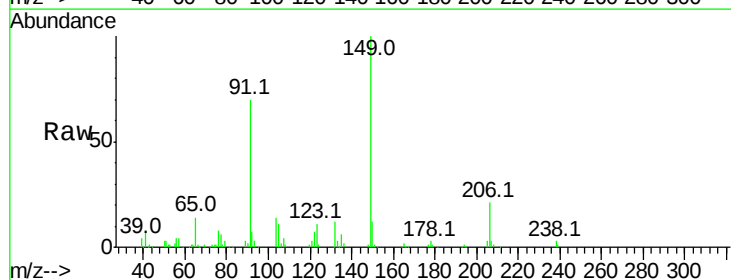
Instrument :
 BNA_F
 ClientSampleId :

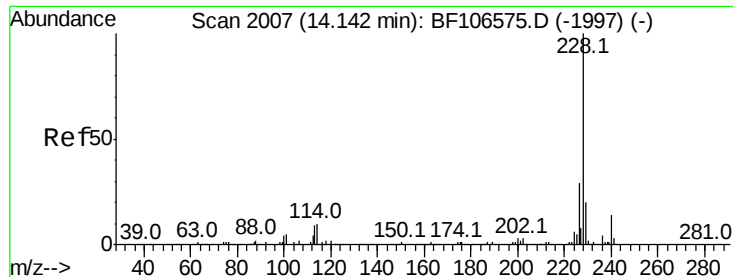
Tot Ion:244 Resp: 379434
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 9.0 11.0 16.4#



#79
 Butylbenzylphthalate
 Concen: 24.204 ng
 RT: 13.53 min Scan# 1903
 Delta R.T. -0.02 min
 Lab File: BF107141.D
 Acq: 5 Jul 2018 21:47

Tgt Ion:149 Resp: 101106
 Ion Ratio Lower Upper
 149 100
 91 69.8 56.8 85.2
 206 21.1 14.1 21.1





#80

Benzo(a)anthracene

Concen: 29.561 ng

RT: 14.13 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF107141.D

Acq: 5 Jul 2018 21:47

Instrument :

BNA_F

ClientSampleId :

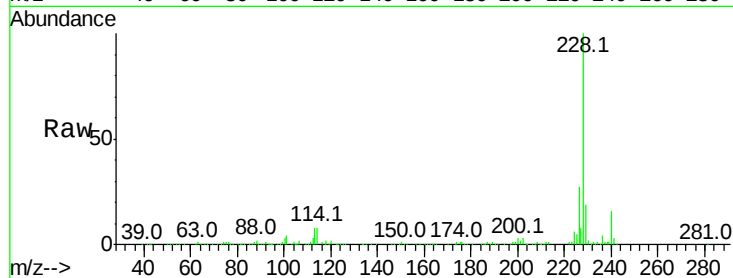
Tot Ion:228 Resp: 277579

Ion Ratio Lower Upper

228 100

226 27.5 22.6 33.8

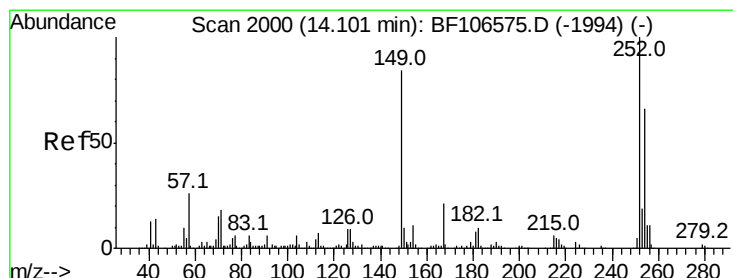
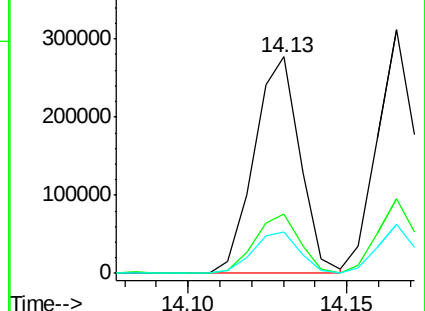
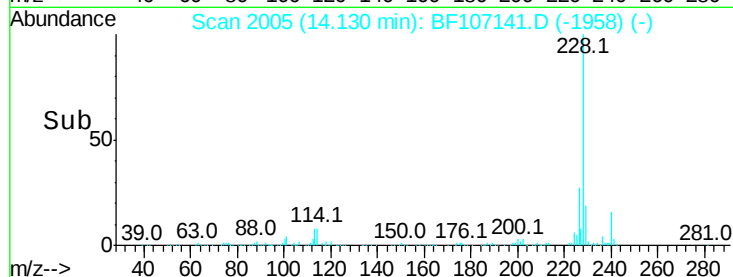
229 19.3 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 31.063 ng

RT: 14.08 min Scan# 1997

Delta R.T. -0.03 min

Lab File: BF107141.D

Acq: 5 Jul 2018 21:47

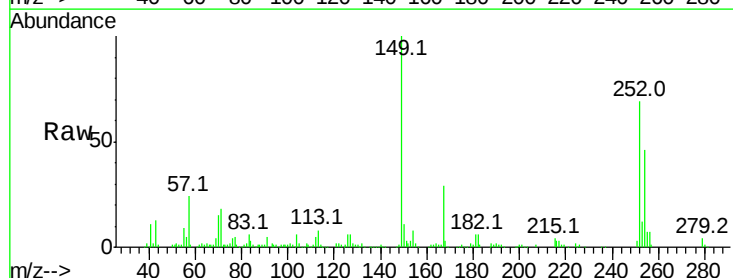
Tgt Ion:252 Resp: 102514

Ion Ratio Lower Upper

252 100

254 65.9 50.4 75.6

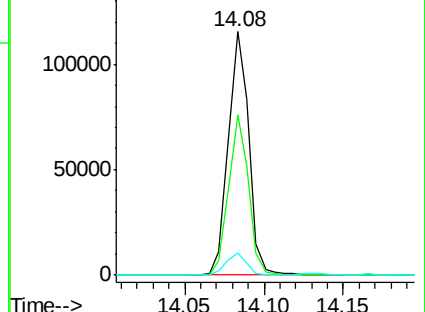
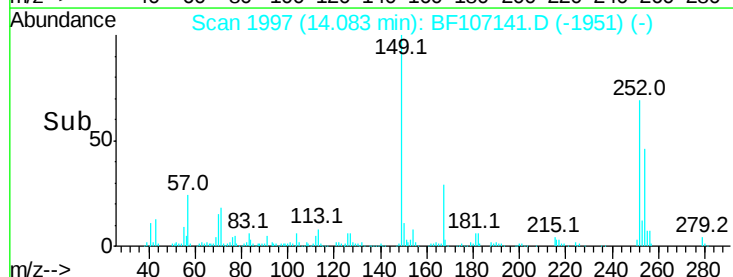
126 9.1 11.3 16.9#

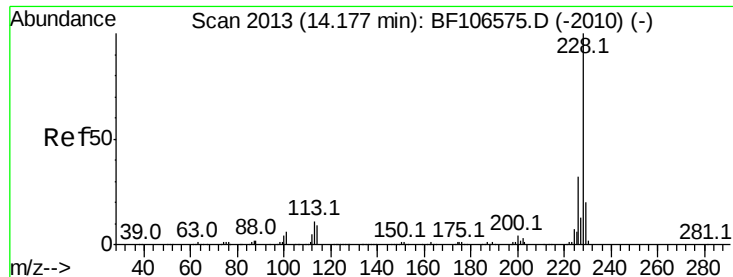


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

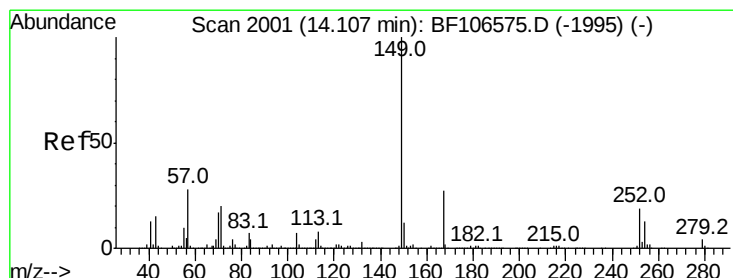
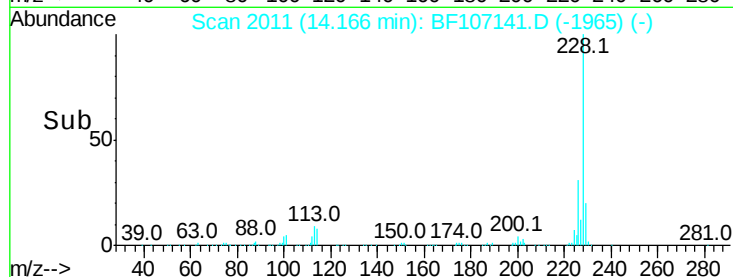
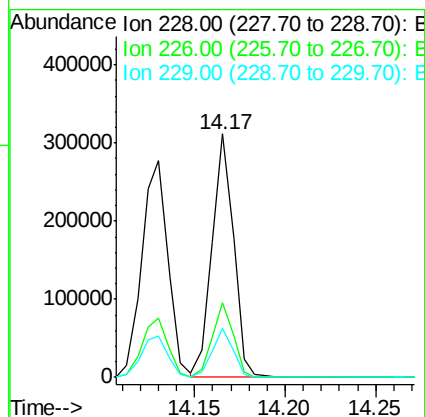
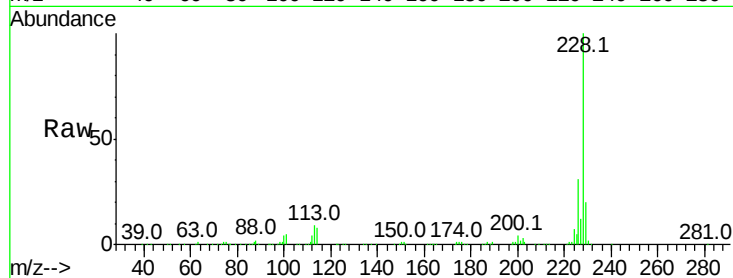




#82
 Chrysene
 Concen: 29.724 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.03 min
 Lab File: BF107141.D
 Acq: 5 Jul 2018 21:47

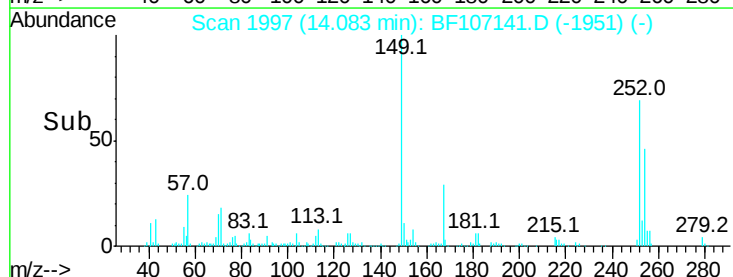
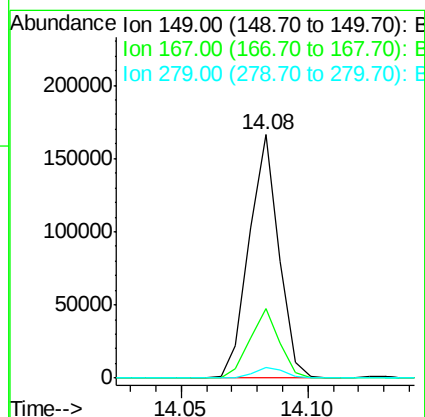
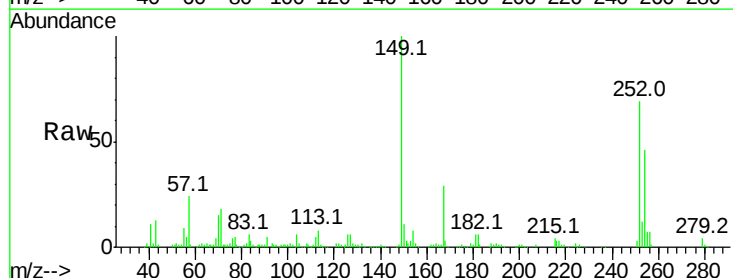
Instrument :
 BNA_F
 ClientSampleId :

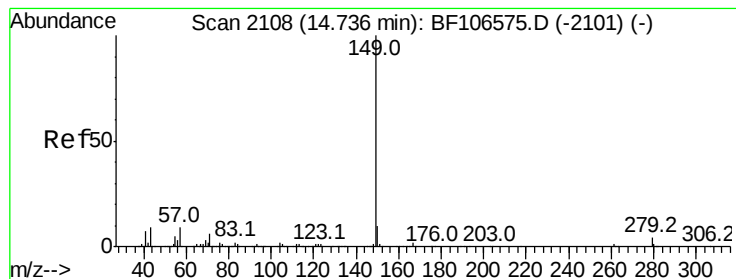
Tot Ion:228 Resp: 256780
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.0 37.6
 229 20.2 16.2 24.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 25.463 ng
 RT: 14.08 min Scan# 1997
 Delta R.T. -0.03 min
 Lab File: BF107141.D
 Acq: 5 Jul 2018 21:47

Tgt Ion:149 Resp: 135983
 Ion Ratio Lower Upper
 149 100
 167 28.6 21.3 31.9
 279 4.4 3.0 4.4





#84

Di-n-octyl phthalate

Concen: 29.454 ng

RT: 14.71 min Scan# 2103

Delta R.T. -0.06 min

Lab File: BF107141.D

Acq: 5 Jul 2018 21:47

Instrument :

BNA_F

ClientSampleId :

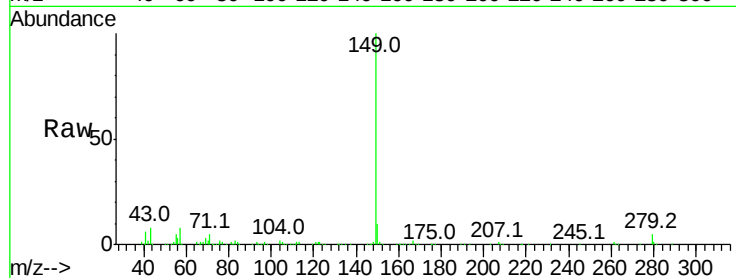
Tot Ion:149 Resp: 256396

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

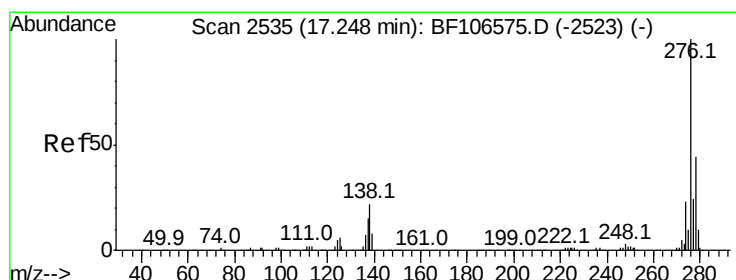
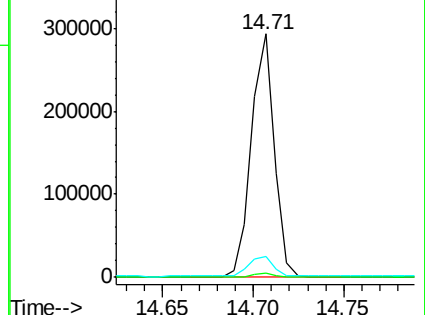
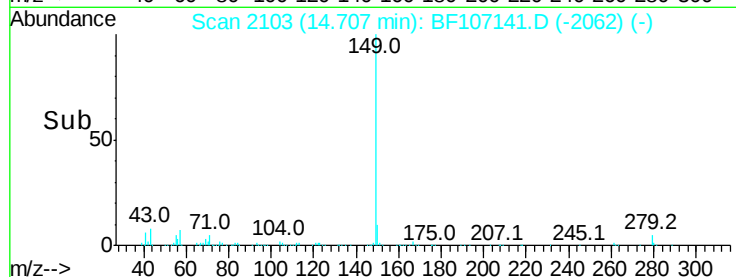
43 8.9 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 23.415 ng

RT: 17.25 min Scan# 2536

Delta R.T. -0.05 min

Lab File: BF107141.D

Acq: 5 Jul 2018 21:47

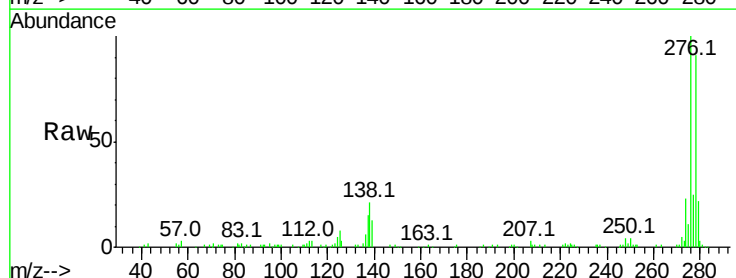
Tgt Ion:276 Resp: 171661

Ion Ratio Lower Upper

276 100

138 21.2 25.0 37.6#

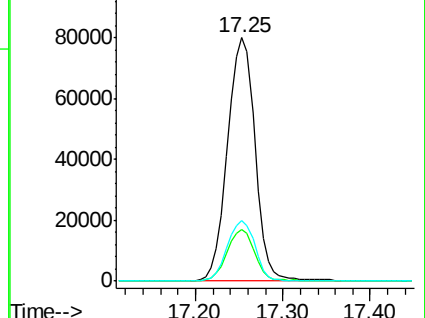
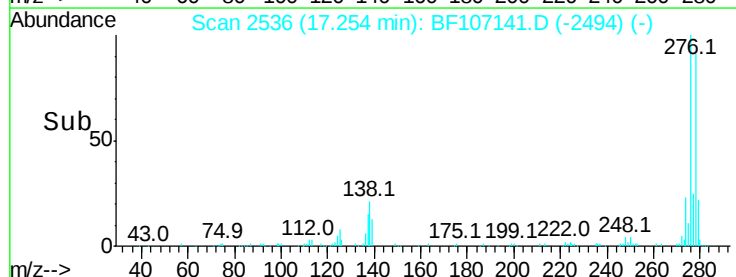
277 24.9 20.1 30.1

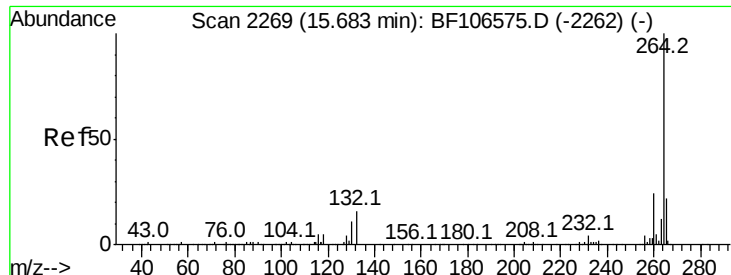


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

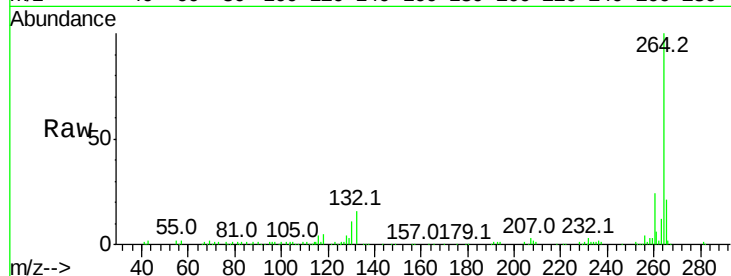




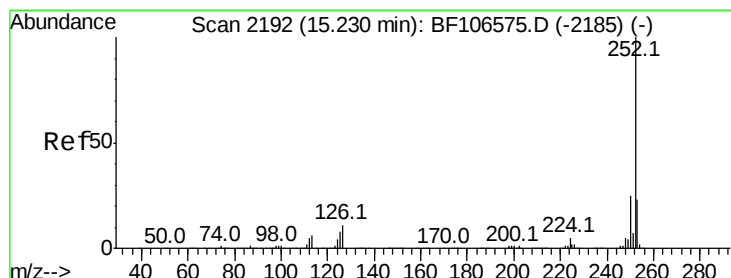
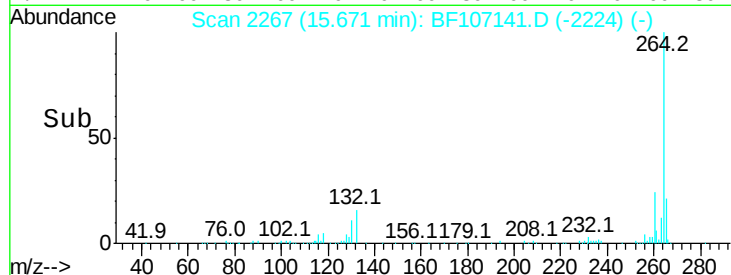
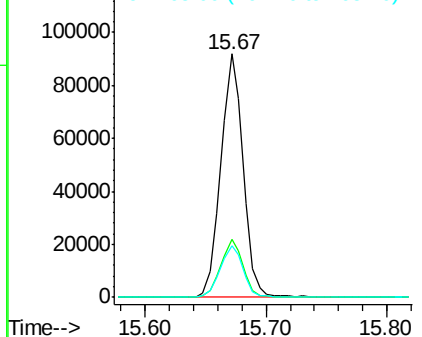
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.05 min
Lab File: BF107141.D
Acq: 5 Jul 2018 21:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 116924
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.3 17.5 26.3

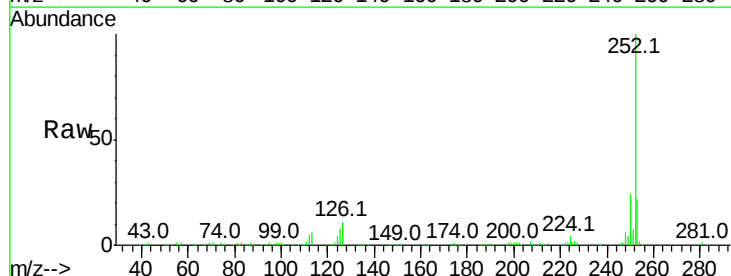


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

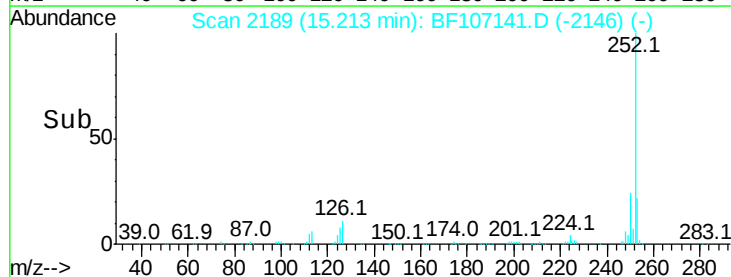
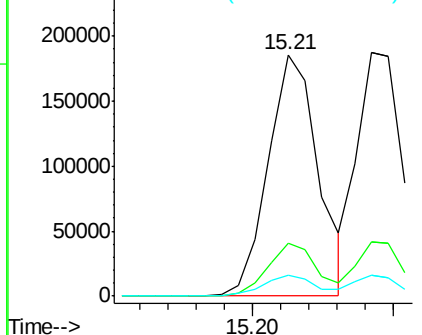


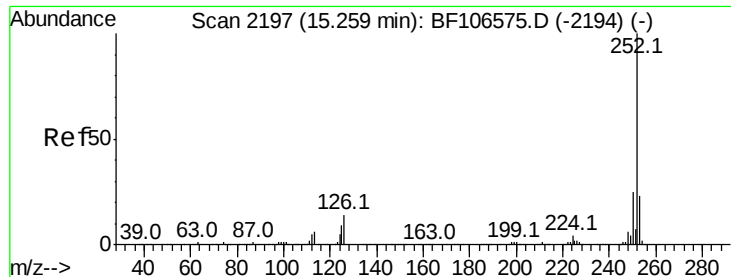
#87
Benzo(b)fluoranthene
Concen: 31.550 ng
RT: 15.21 min Scan# 2189
Delta R.T. -0.05 min
Lab File: BF107141.D
Acq: 5 Jul 2018 21:47

Tgt Ion:252 Resp: 229158
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 8.5 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

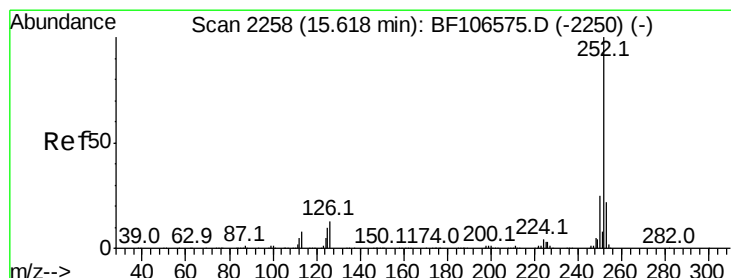
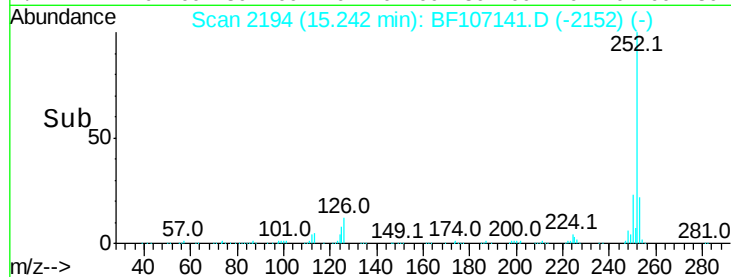
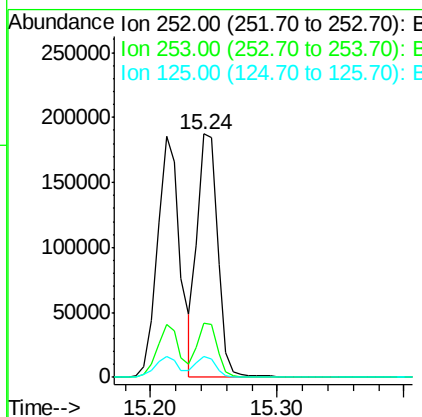
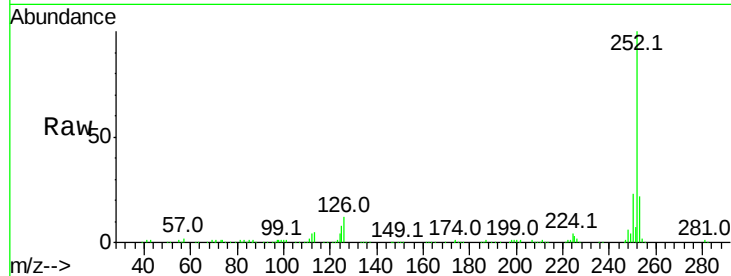




#88
Benzo(k)fluoranthene
Concen: 30.391 ng
RT: 15.24 min Scan# 2194
Delta R.T. -0.05 min
Lab File: BF107141.D
Acq: 5 Jul 2018 21:47

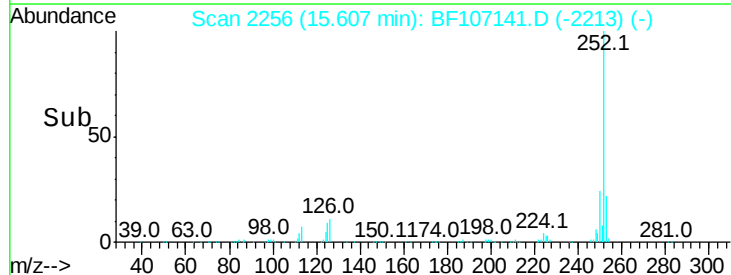
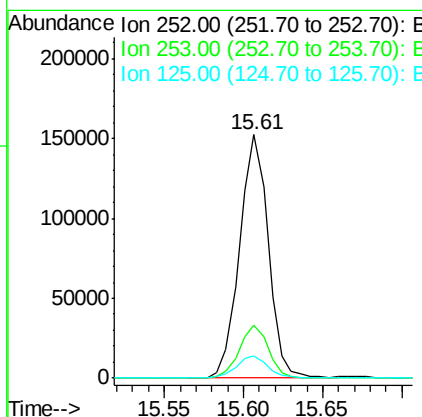
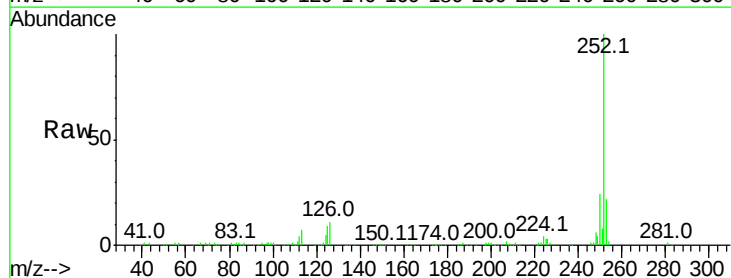
Instrument :
BNA_F
ClientSampleId :

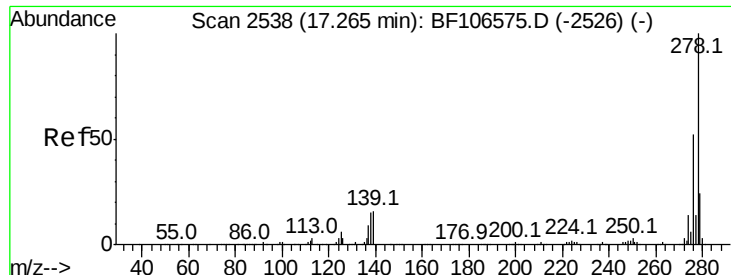
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	8.5	10.2	15.2#



#89
Benzo(a)pyrene
Concen: 29.791 ng
RT: 15.61 min Scan# 2256
Delta R.T. -0.05 min
Lab File: BF107141.D
Acq: 5 Jul 2018 21:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	9.4	9.8	14.6#





#90

Dibenzo(a,h)anthracene

Concen: 26.794 ng

RT: 17.26 min Scan# 2537

Delta R.T. -0.06 min

Lab File: BF107141.D

Acq: 5 Jul 2018 21:47

Instrument :

BNA_F

ClientSampleId :

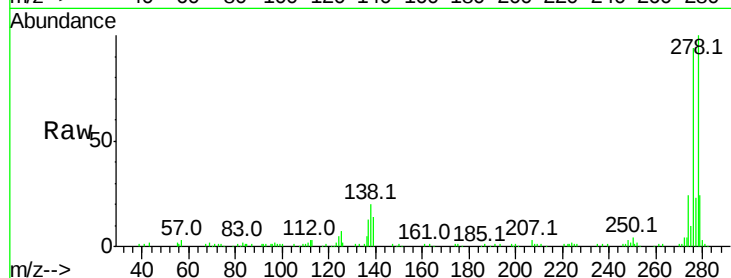
Tot Ion:278 Resp: 146618

Ion Ratio Lower Upper

278 100

139 13.5 15.9 23.9#

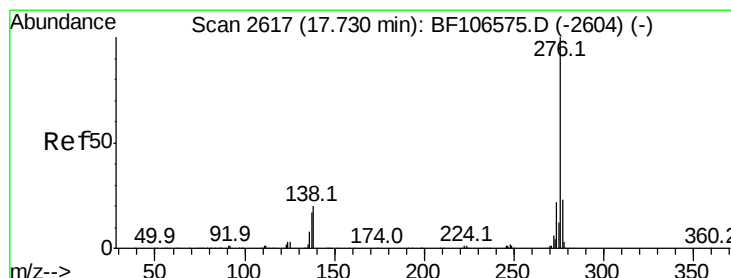
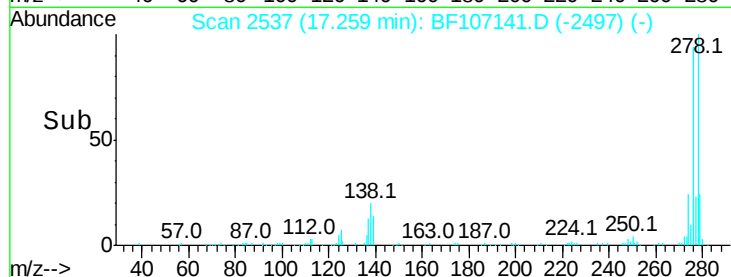
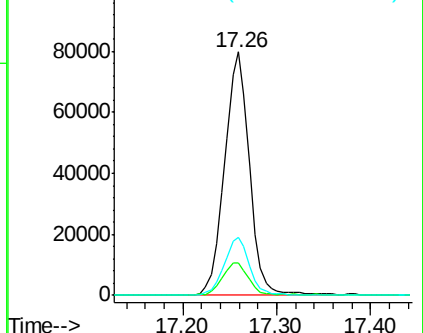
279 24.0 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 26.259 ng

RT: 17.74 min Scan# 2618

Delta R.T. -0.05 min

Lab File: BF107141.D

Acq: 5 Jul 2018 21:47

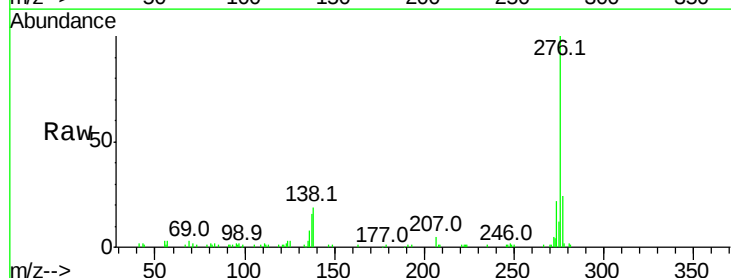
Tgt Ion:276 Resp: 140447

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 18.6 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

