

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
 Data File : BF107850.D
 Acq On : 31 Jul 2018 15:39
 Operator : JU/SJ
 Sample : PB111618BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111618BS

Quant Time: Jul 31 16:38:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	162995	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	652292	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	288957	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	531951	20.00	ng	0.00
75) Chrysene-d12	14.15	240	321499	20.00	ng	0.00
86) Perylene-d12	15.69	264	415459	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1300241	135.58	ng	0.01
7) Phenol-d6	6.61	99	1510319	119.49	ng	0.00
23) Nitrobenzene-d5	7.53	82	1015098	89.65	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	465580	118.58	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1876230	90.48	ng	0.00
78) Terphenyl-d14	13.08	244	1569228	105.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.87	88	147554	34.628	ng	85
3) Pyridine	3.66	79	349350	33.242	ng	90
4) n-Nitrosodimethylamine	3.62	42	113651	23.290	ng	97
6) Aniline	6.64	93	485562	36.934	ng	# 67
8) 2-Chlorophenol	6.76	128	481928	40.004	ng	99
9) Benzaldehyde	6.52	77	200802	26.331	ng	96
10) Phenol	6.62	94	524685	34.809	ng	84
11) bis(2-Chloroethyl)ether	6.70	93	419918	31.330	ng	96
12) 1,3-Dichlorobenzene	6.90	146	495104	39.185	ng	97
13) 1,4-Dichlorobenzene	6.98	146	545909	38.813	ng	98
14) 1,2-Dichlorobenzene	7.13	146	493376	37.789	ng	99
15) Benzyl Alcohol	7.11	79	340608	43.355	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	757410	39.304	ng	63
17) 2-Methylphenol	7.22	107	382263	42.984	ng	# 82
18) Hexachloroethane	7.47	117	187037	36.996	ng	96
19) n-Nitroso-di-n-propylamine	7.37	70	322477	40.219	ng	97
20) 3+4-Methylphenols	7.38	107	498402	45.648	ng	# 67
22) Acetophenone	7.37	105	681750	43.442	ng	# 92
24) Nitrobenzene	7.55	77	478604	40.312	ng	99
25) Isophorone	7.78	82	909594	48.940	ng	98
26) 2-Nitrophenol	7.87	139	276145	46.346	ng	97
27) 2,4-Dimethylphenol	7.90	122	415981	52.146	ng	96
28) bis(2-Chloroethoxy)methane	7.99	93	596629	48.711	ng	98
29) 2,4-Dichlorophenol	8.11	162	408807	45.305	ng	96
30) 1,2,4-Trichlorobenzene	8.18	180	429613	41.734	ng	99
31) Naphthalene	8.27	128	1424491	46.980	ng	99
32) Benzoic acid	8.04	122	217079	40.455	ng	97
33) 4-Chloroaniline	8.32	127	371926	28.717	ng	98
34) Hexachlorobutadiene	8.37	225	252545	39.701	ng	99
35) Caprolactam	8.70	113	115433	42.495	ng	# 77
36) 4-Chloro-3-methylphenol	8.81	107	430933	43.974	ng	100
37) 2-Methylnaphthalene	8.96	142	956320	50.210	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	452781	45.958	ng	98
40) Hexachlorocyclopentadiene	9.10	237	405310	94.128	ng	98

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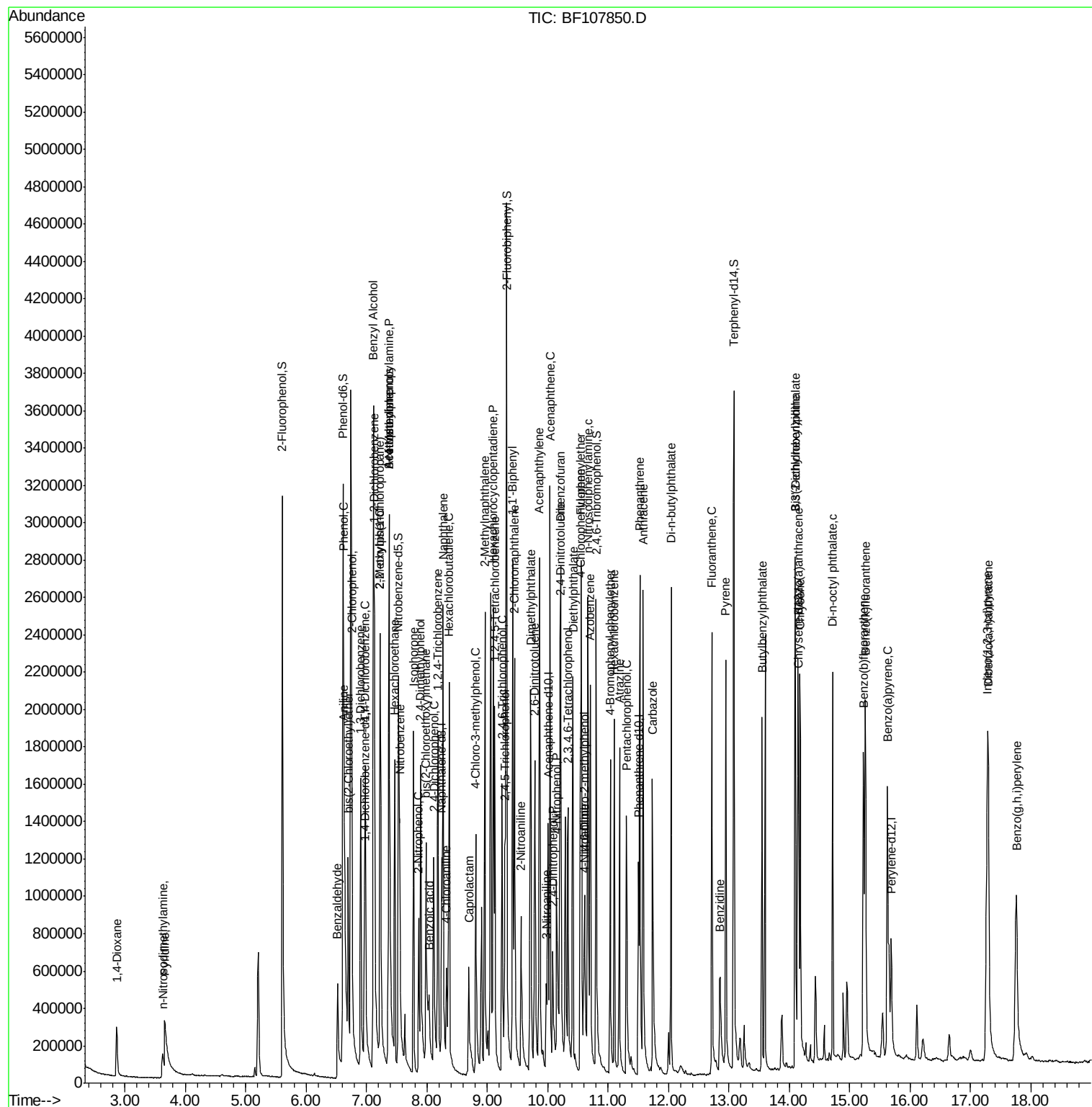
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	264940	48.644	nq	100
43) 2,4,5-Trichlorophenol	9.29	196	304747	46.477	nq	97
45) 1,1'-Biphenyl	9.42	154	1175189	44.690	nq	98
46) 2-Chloronaphthalene	9.45	162	879070	44.329	nq	97
47) 2-Nitroaniline	9.56	65	279792	43.377	nq	95
48) Acenaphthylene	9.87	152	1393674	45.333	nq	99
49) Dimethylphthalate	9.72	163	951569	43.849	nq	99
50) 2,6-Dinitrotoluene	9.79	165	208713	44.256	nq	# 90
51) Acenaphthene	10.04	154	763660	42.762	nq	99
52) 3-Nitroaniline	9.98	138	161204	27.126	nq	96
53) 2,4-Dinitrophenol	10.08	184	183271	74.396	nq	# 25
54) Dibenzofuran	10.21	168	1193121	43.225	nq	98
55) 4-Nitrophenol	10.15	139	181332	66.599	nq	90
56) 2,4-Dinitrotoluene	10.20	165	252489	40.734	nq	# 92
57) Fluorene	10.55	166	944344	44.022	nq	95
58) 2,3,4,6-Tetrachlorophenol	10.34	232	269183	44.697	nq	# 81
59) Diethylphthalate	10.42	149	952827	40.837	nq	97
60) 4-Chlorophenyl-phenylether	10.54	204	470013	40.220	nq	91
61) 4-Nitroaniline	10.60	138	186482	35.360	nq	93
62) Azobenzene	10.71	77	918417	42.265	nq	94
64) 4,6-Dinitro-2-methylphenol	10.61	198	117037	40.442	nq	93
65) n-Nitrosodiphenylamine	10.67	169	810088	46.249	nq	99
66) 4-Bromophenyl-phenylether	11.04	248	278792	44.965	nq	# 87
67) Hexachlorobenzene	11.10	284	300982	43.777	nq	# 91
68) Atrazine	11.19	200	222686	42.956	nq	96
69) Pentachlorophenol	11.31	266	250487	74.008	nq	100
70) Phenanthrene	11.52	178	1197790	47.421	nq	99
71) Anthracene	11.58	178	1383922	47.502	nq	100
72) Carbazole	11.74	167	1131956	39.316	nq	99
73) Di-n-butylphthalate	12.04	149	1340172	42.667	nq	100
74) Fluoranthene	12.72	202	1199585	40.426	nq	97
76) Benzidine	12.85	184	463932	44.631	nq	97
77) Pyrene	12.95	202	1152952	49.802	nq	99
79) Butylbenzylphthalate	13.55	149	462108	45.582	nq	92
80) Benzo(a)anthracene	14.14	228	865863	47.544	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	311913	44.182	nq	98
82) Chrysene	14.18	228	958535	48.797	nq	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	596440	46.799	nq	99
84) Di-n-octyl phthalate	14.72	149	1077113	52.653	nq	98
85) Indeno(1,2,3-cd)pyrene	17.28	276	1331490	89.115	nq	94
87) Benzo(b)fluoranthene	15.23	252	881182	43.005	nq	98
88) Benzo(k)fluoranthene	15.26	252	1058904	42.092	nq	97
89) Benzo(a)pyrene	15.62	252	1006973	47.604	nq	99
90) Dibenzo(a,h)anthracene	17.29	278	1094328	59.308	nq	97
91) Benzo(g,h,i)perylene	17.76	276	1136471	63.654	nq	95

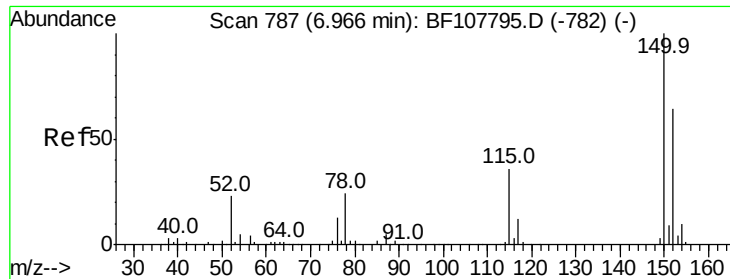
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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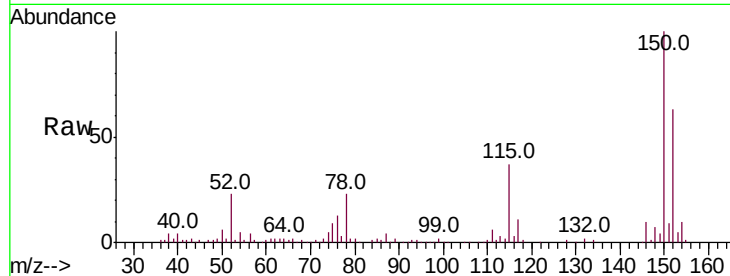


#1

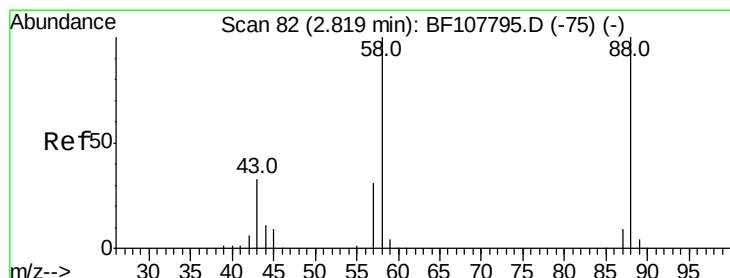
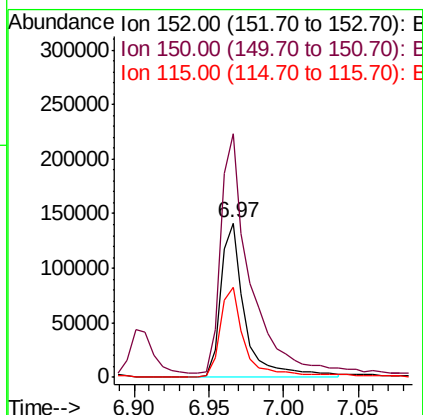
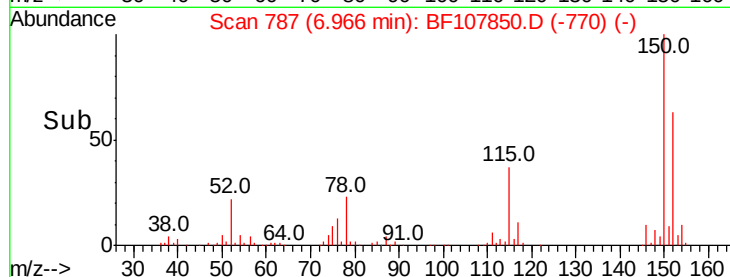
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107850.D
Acq: 31 Jul 2018 15:39

Instrument :
BNA_F
ClientSampleId :
PB111618BS

Tot Ion:152 Resp: 162995
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 58.3 50.1 75.1



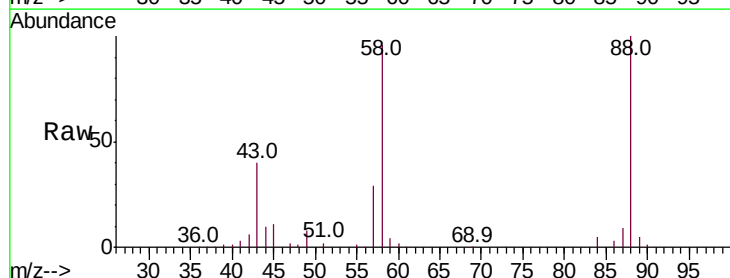
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



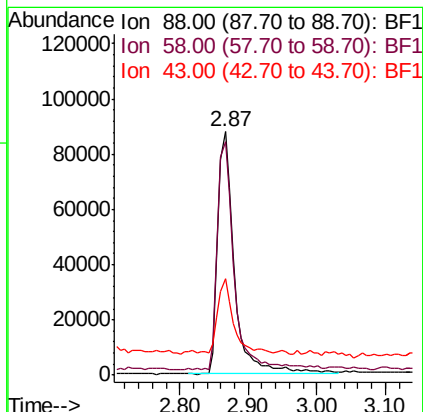
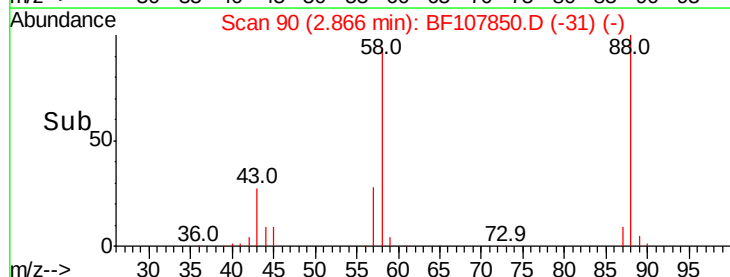
#2

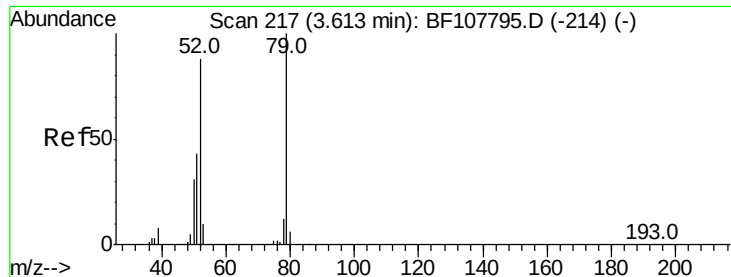
1,4-Dioxane
Concen: 34.628 ng
RT: 2.87 min Scan# 90
Delta R.T. 0.05 min
Lab File: BF107850.D
Acq: 31 Jul 2018 15:39

Tgt Ion: 88 Resp: 147554
Ion Ratio Lower Upper
88 100
58 93.5 62.6 93.8
43 26.0 24.6 37.0



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





#3

Pvridine

Concen: 33.242 ng

RT: 3.66 min Scan# 225

Delta R.T. 0.05 min

Lab File: BF107850.D

Acq: 31 Jul 2018 15:39

Instrument :

BNA_F

ClientSampleId :

PB111618BS

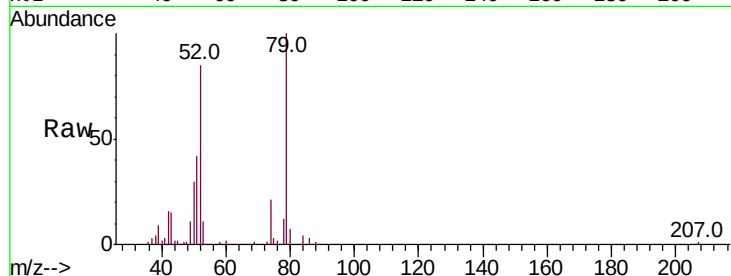
Tot Ion: 79 Resp: 349350

Ion Ratio Lower Upper

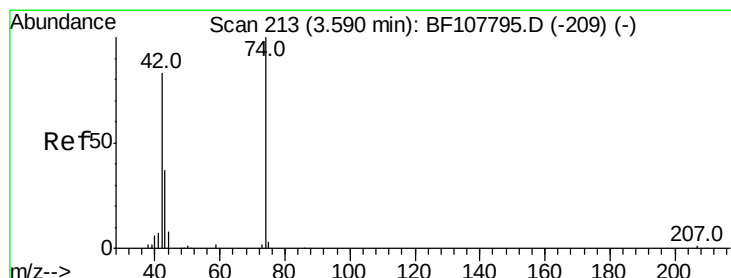
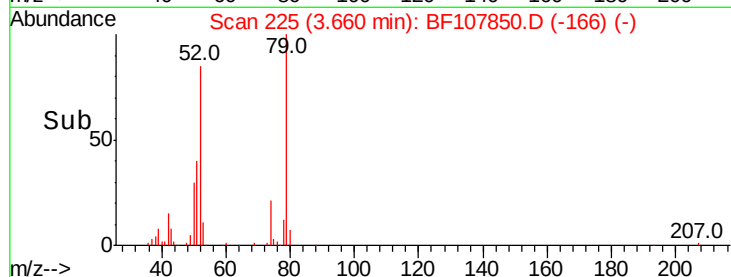
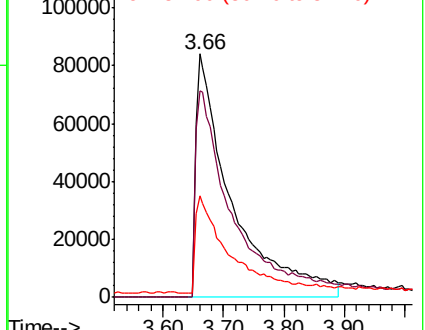
79 100

52 84.6 59.8 89.6

51 41.7 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 23.290 ng

RT: 3.62 min Scan# 219

Delta R.T. 0.04 min

Lab File: BF107850.D

Acq: 31 Jul 2018 15:39

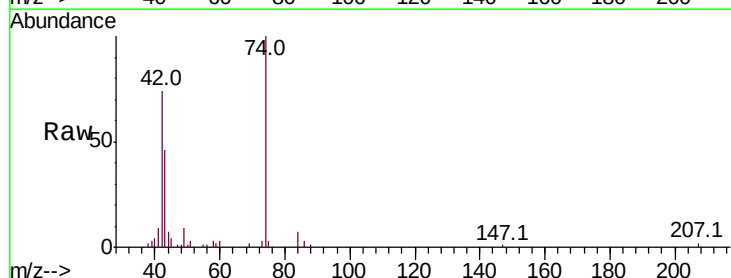
Tgt Ion: 42 Resp: 113651

Ion Ratio Lower Upper

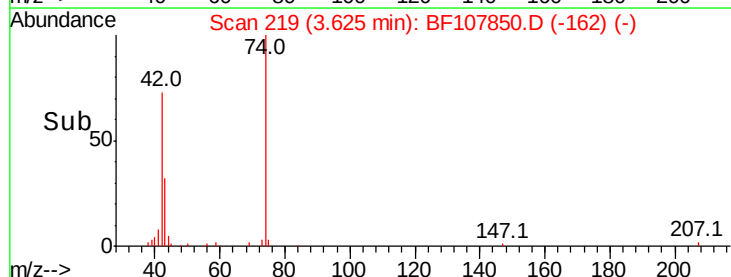
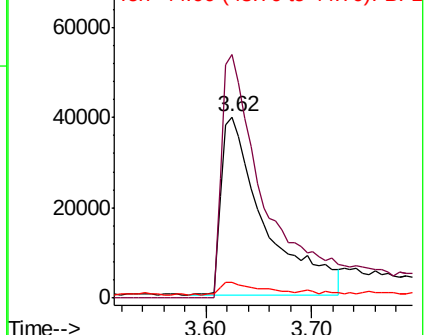
42 100

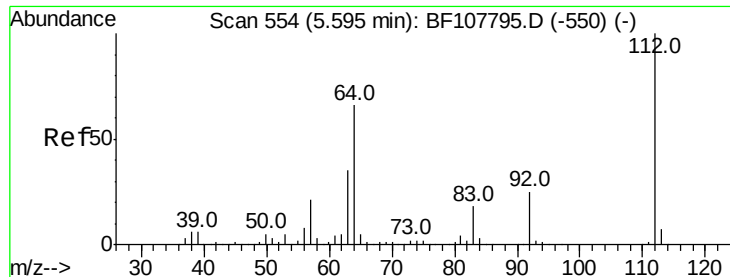
74 134.3 104.9 157.3

44 8.8 6.9 10.3



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





#5

2-Fluorophenol

Concen: 135.576 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.01 min

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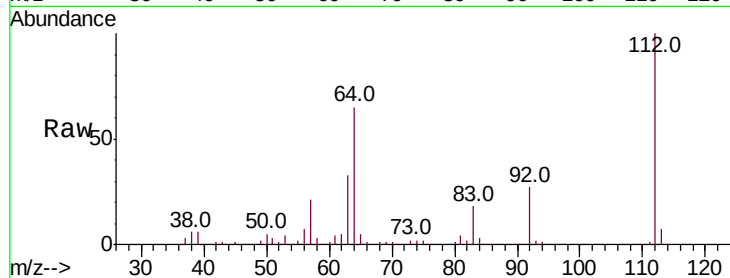
Tot Ion:112 Resp: 1300241

Ion Ratio Lower Upper

112 100

64 64.9 47.9 71.9

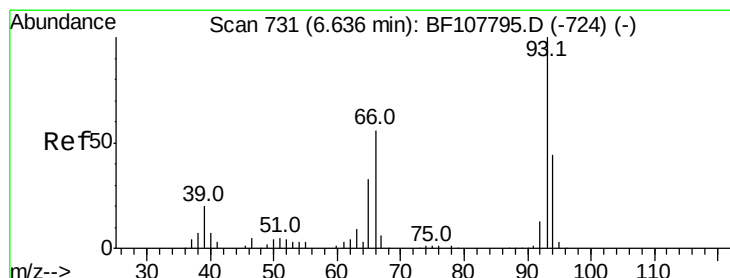
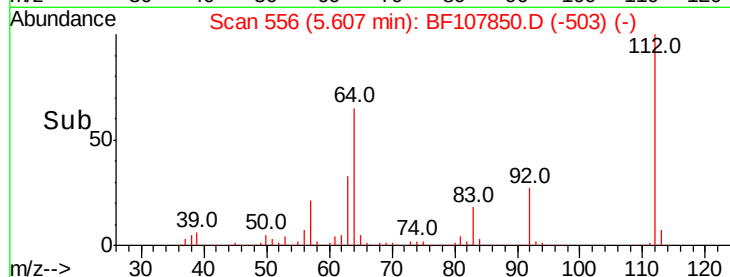
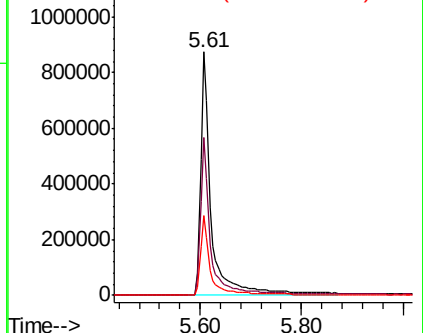
63 32.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.934 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF107850.D

Acq: 31 Jul 2018 15:39

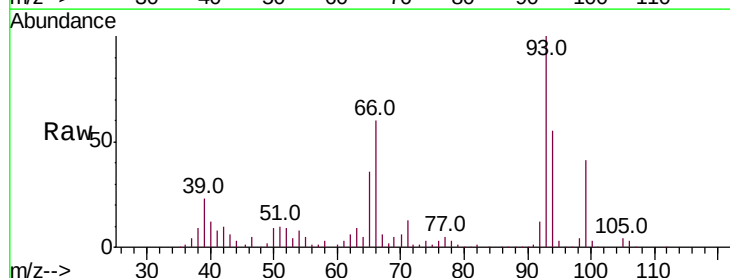
Tgt Ion: 93 Resp: 485562

Ion Ratio Lower Upper

93 100

66 60.4 32.2 48.2#

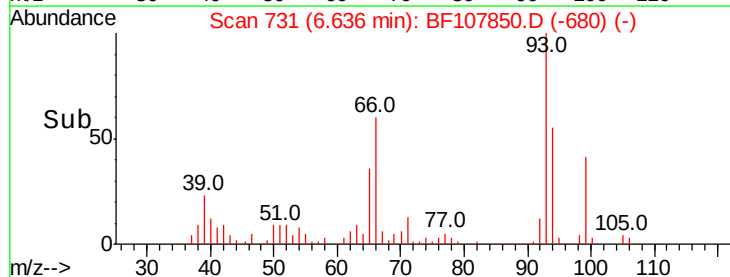
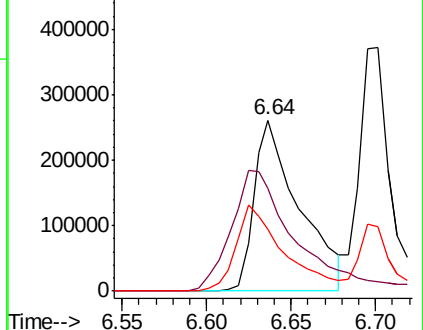
65 36.0 16.4 24.6#

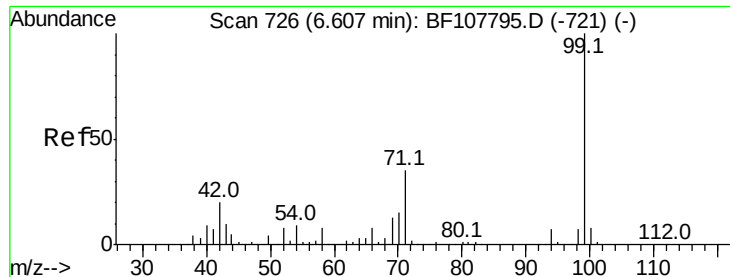


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 119.490 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

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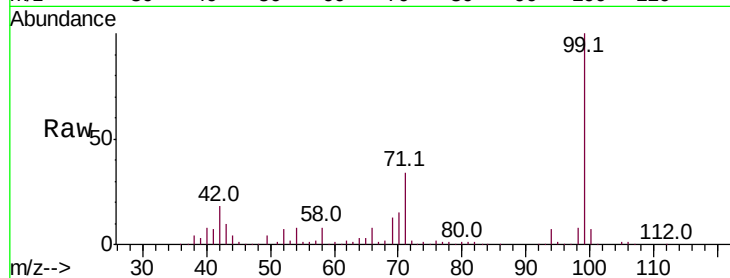
Tot Ion: 99 Resp: 1510319

Ion Ratio Lower Upper

99 100

42 18.3 14.5 21.7

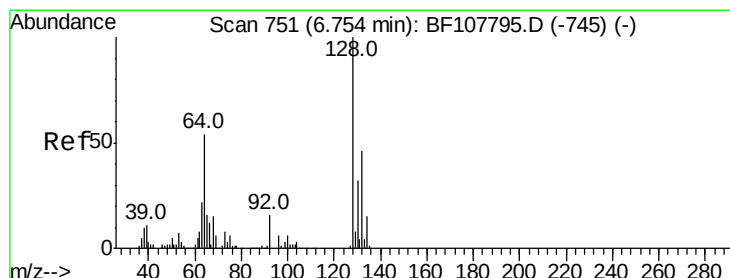
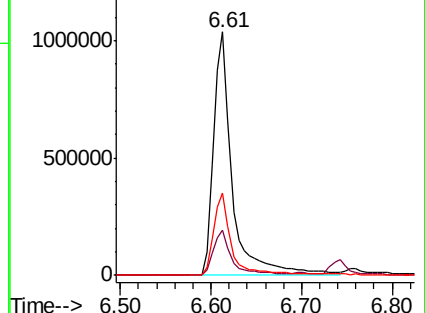
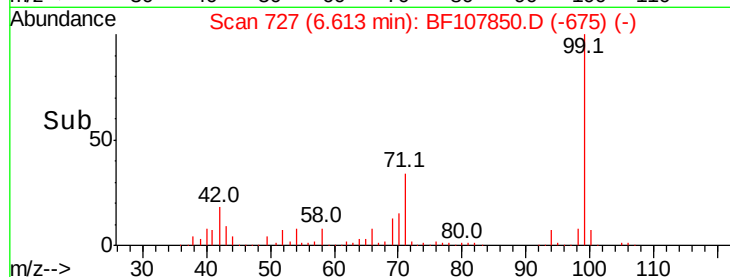
71 33.6 25.4 38.0



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: 40.004 ng

RT: 6.76 min Scan# 752

Delta R.T. 0.01 min

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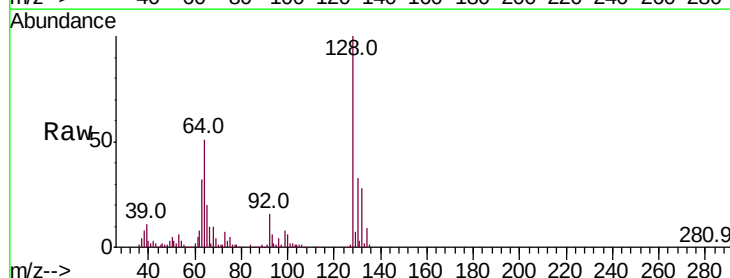
Tgt Ion: 128 Resp: 481928

Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

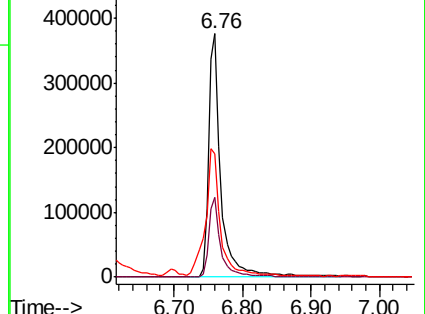
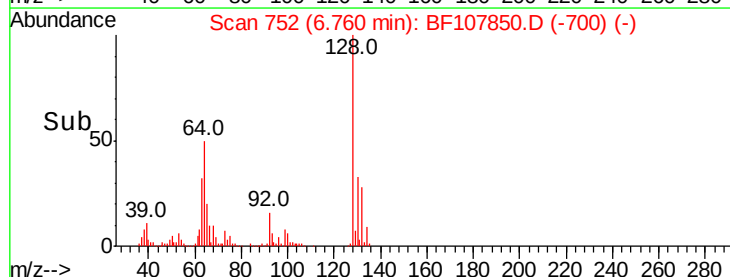
64 50.6 29.4 69.4

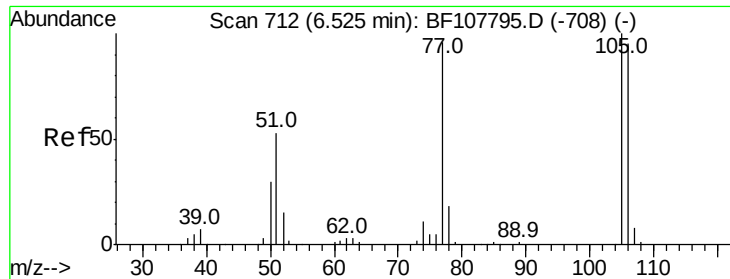


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 26.331 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.01 min

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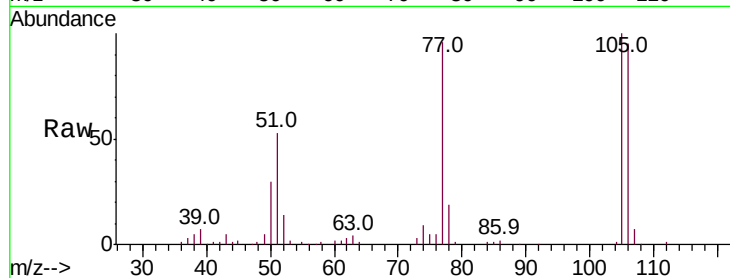
Tot Ion: 77 Resp: 200802

Ion Ratio Lower Upper

77 100

105 104.4 81.1 121.1

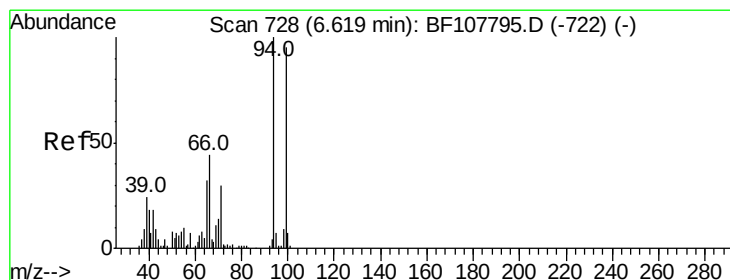
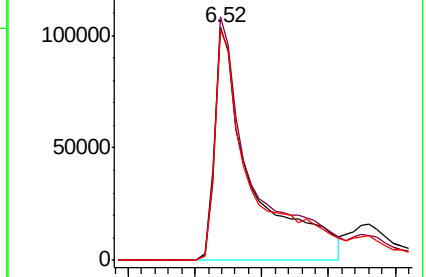
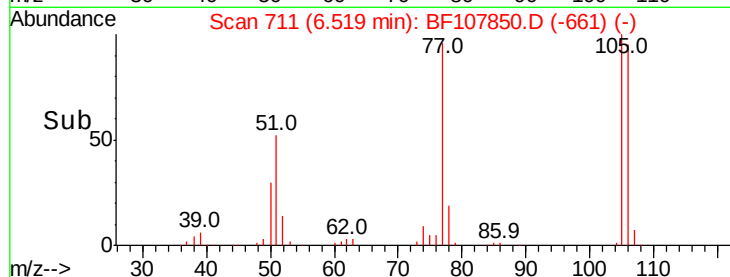
106 98.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 34.809 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF107850.D

Acq: 31 Jul 2018 15:39

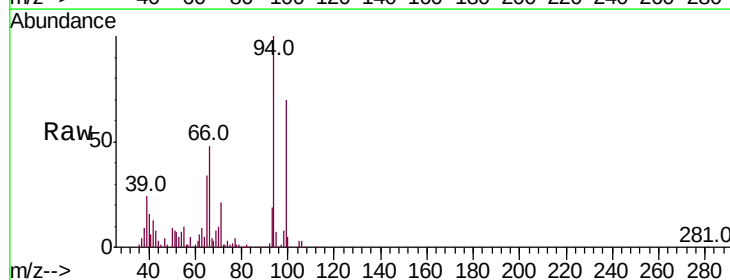
Tgt Ion: 94 Resp: 524685

Ion Ratio Lower Upper

94 100

65 33.7 7.9 47.9

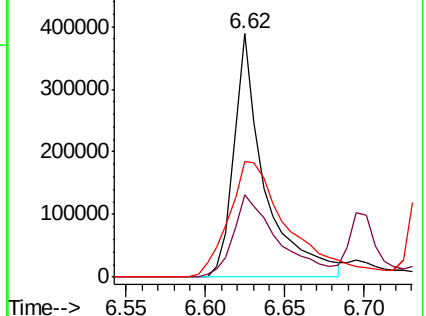
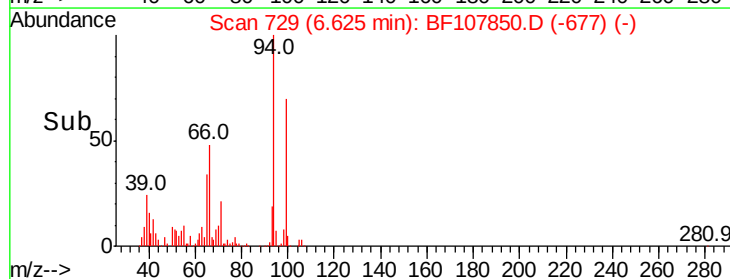
66 47.7 16.2 56.2

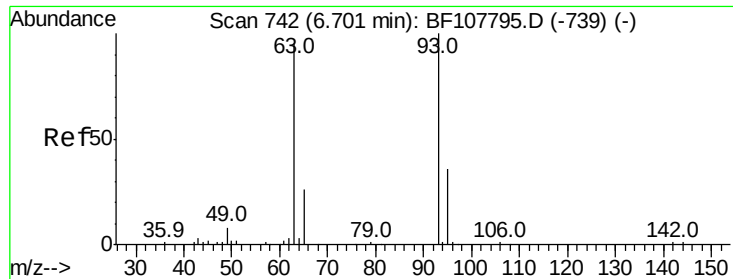


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

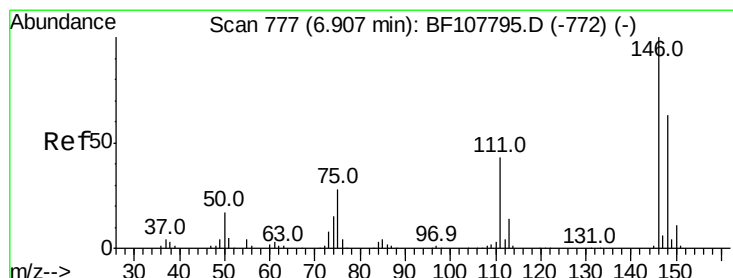
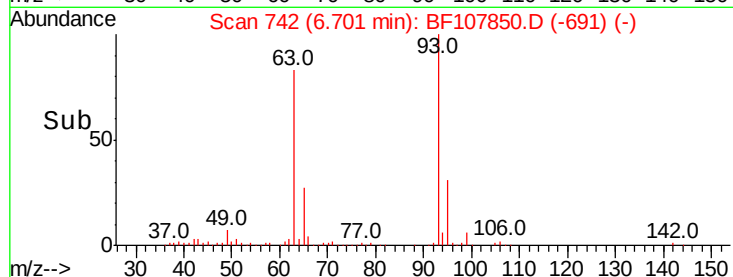
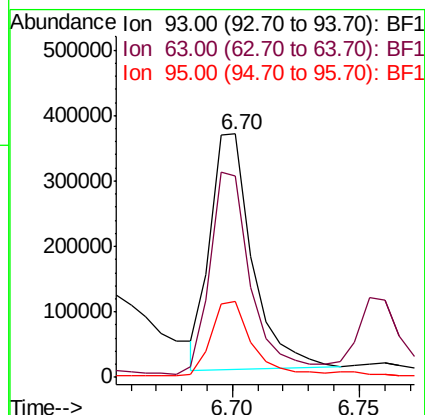
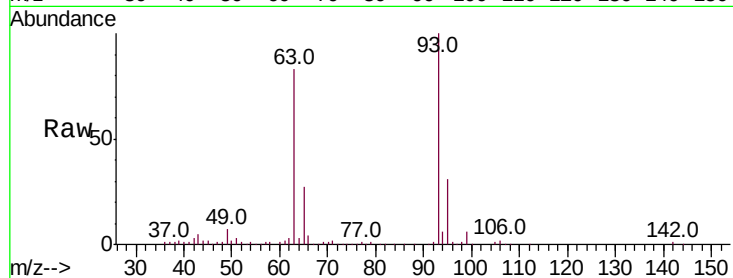




#11
bis(2-Chloroethyl)ether
Concen: 31.330 ng
RT: 6.70 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF107850.D
Acq: 31 Jul 2018 15:39

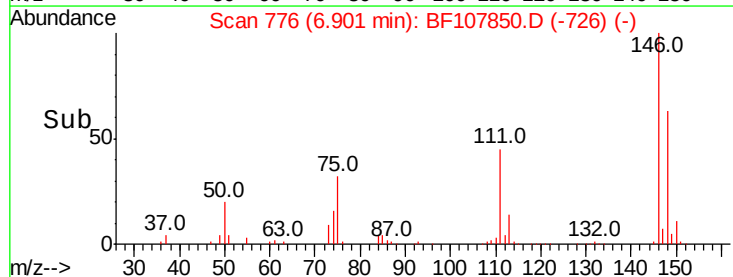
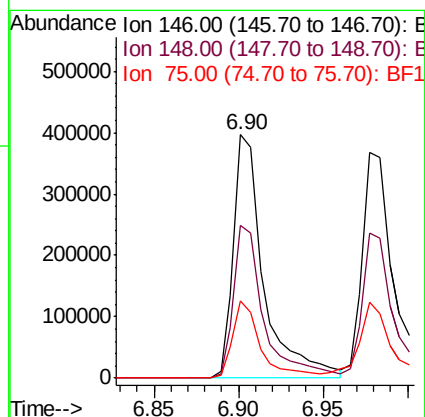
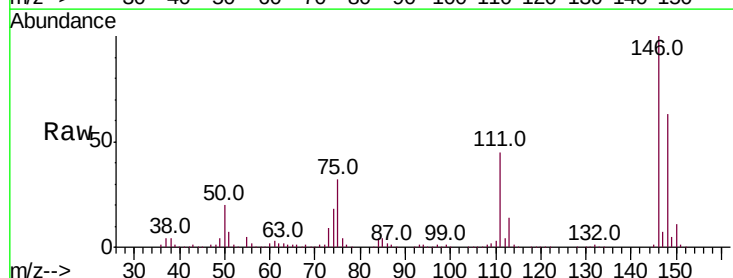
Instrument :
BNA_F
ClientSampleId :
PB111618BS

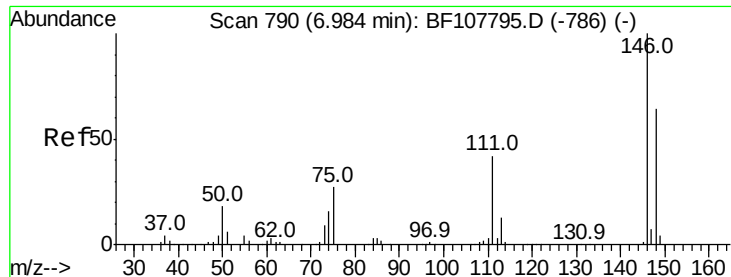
Tot Ion: 93 Resp: 419918
Ion Ratio Lower Upper
93 100
63 82.7 58.6 98.6
95 31.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.185 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF107850.D
Acq: 31 Jul 2018 15:39

Tgt Ion: 146 Resp: 495104
Ion Ratio Lower Upper
146 100
148 62.7 51.8 77.8
75 31.8 24.2 36.4

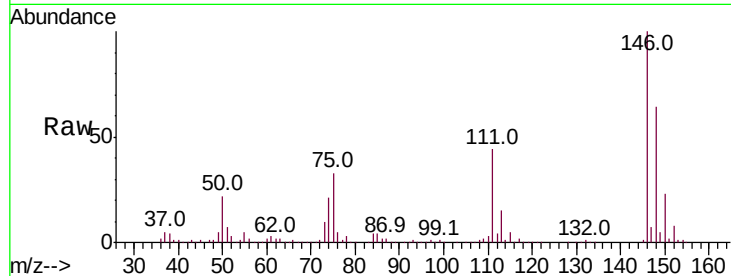




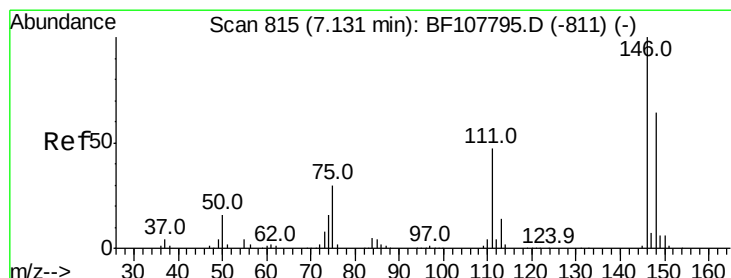
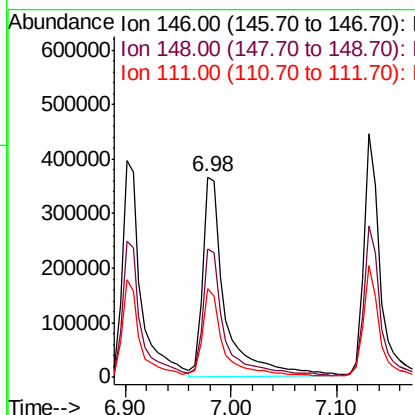
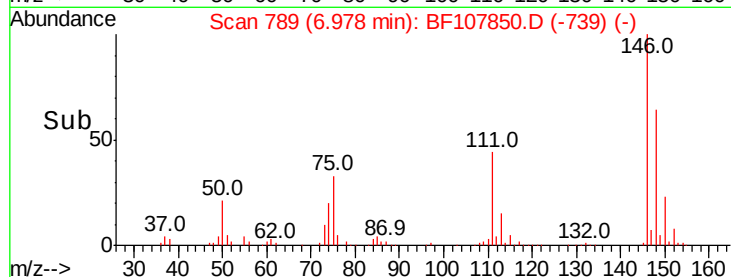
#13
 1,4-Dichlorobenzene
 Concen: 38.813 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF107850.D
 Acq: 31 Jul 2018 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB111618BS

Tot Ion:146 Resp: 545909
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.8 76.2
 111 44.2 34.2 51.2

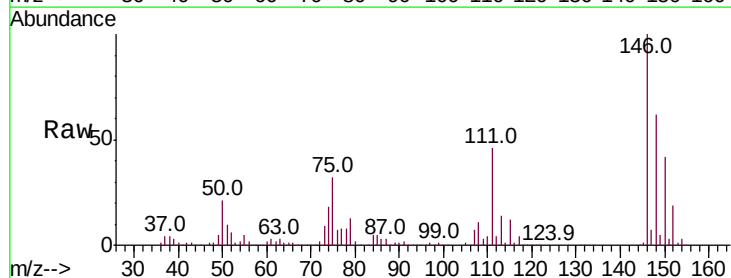


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

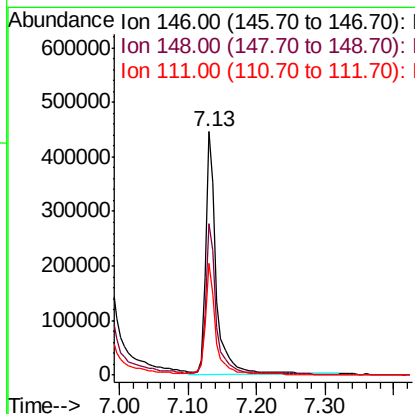
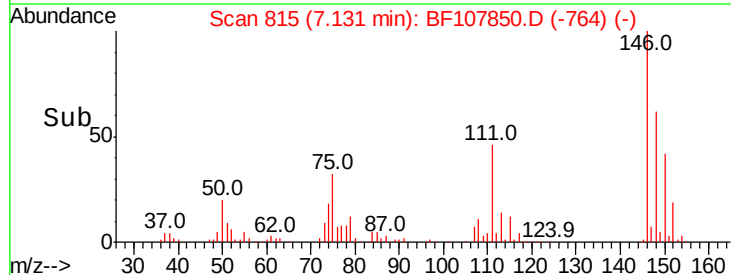


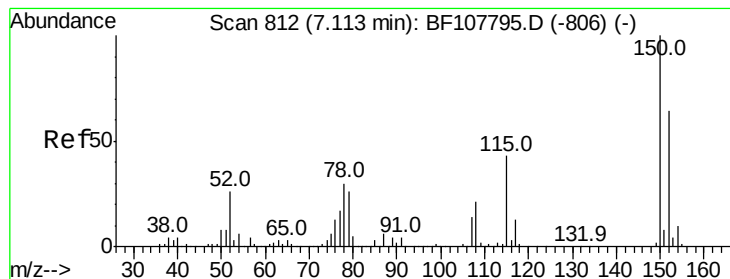
#14
 1,2-Dichlorobenzene
 Concen: 37.789 ng
 RT: 7.13 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF107850.D
 Acq: 31 Jul 2018 15:39

Tgt Ion:146 Resp: 493376
 Ion Ratio Lower Upper
 146 100
 148 62.4 50.6 75.8
 111 45.7 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: 43.355 ng

RT: 7.11 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF107850.D

Acq: 31 Jul 2018 15:39

Instrument :

BNA_F

ClientSampleId :

PB111618BS

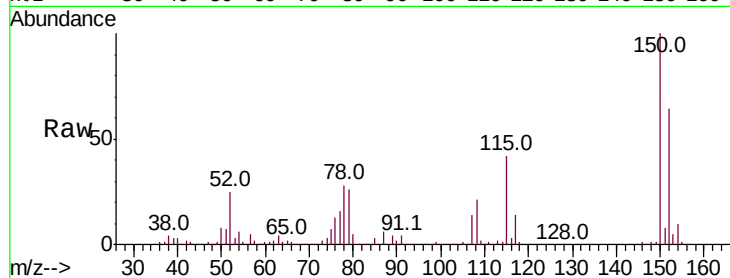
Tot Ion: 79 Resp: 340608

Ion Ratio Lower Upper

79 100

108 79.8 65.1 97.7

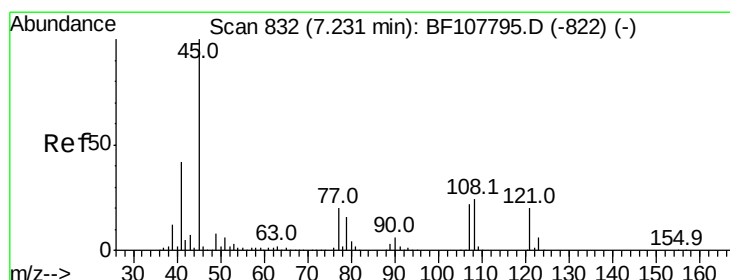
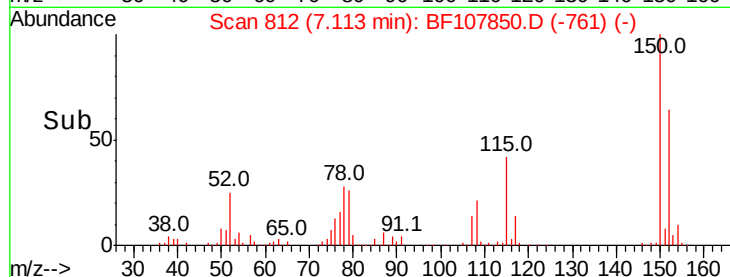
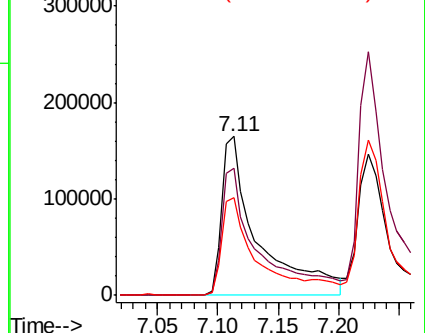
77 61.8 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.304 ng

RT: 7.23 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF107850.D

Acq: 31 Jul 2018 15:39

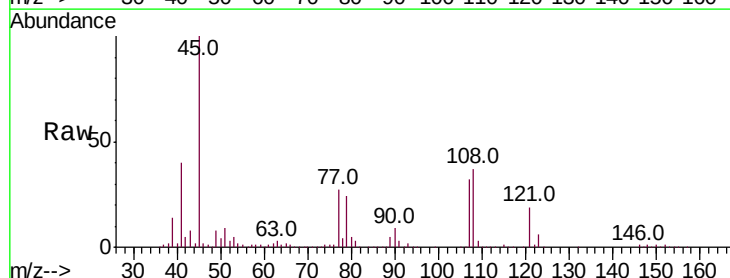
Tgt Ion: 45 Resp: 757410

Ion Ratio Lower Upper

45 100

77 27.1 0.0 32.9

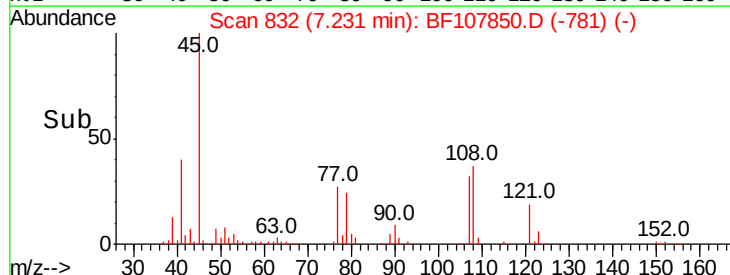
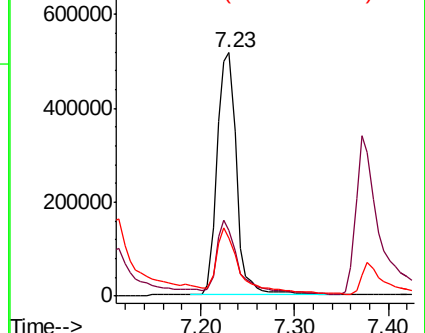
79 23.9 0.0 29.6

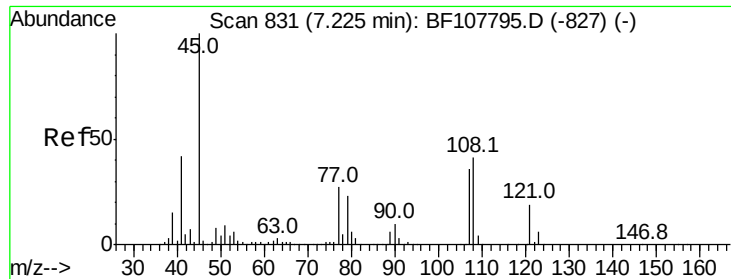


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

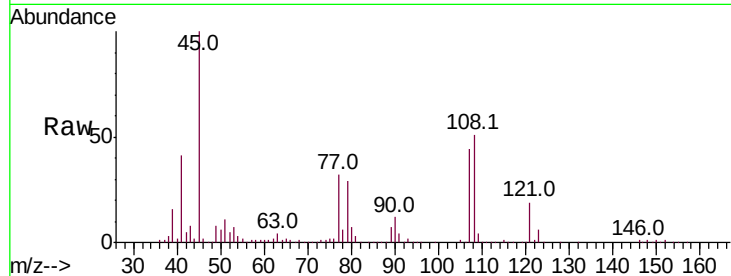




#17
2-Methylphenol
Concen: 42.984 ng
RT: 7.22 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF107850.D
Acq: 31 Jul 2018 15:39

Instrument :
BNA_F
ClientSampleId :
PB111618BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.9	91.7	137.5
77	73.0	33.8	50.8#
79	66.4	33.8	50.8#



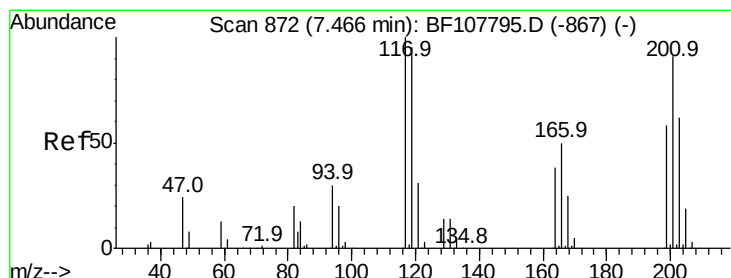
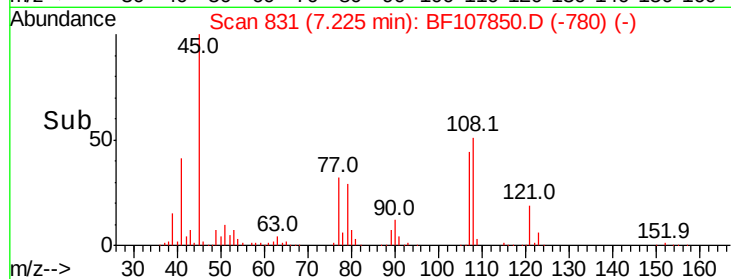
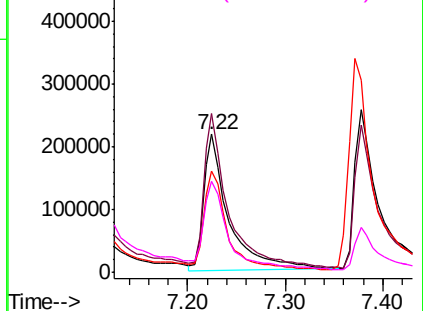
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

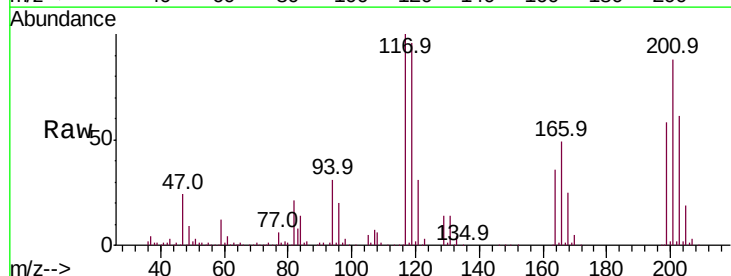
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 36.996 ng
RT: 7.47 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF107850.D
Acq: 31 Jul 2018 15:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.8	113.8
201	88.5	75.7	113.5

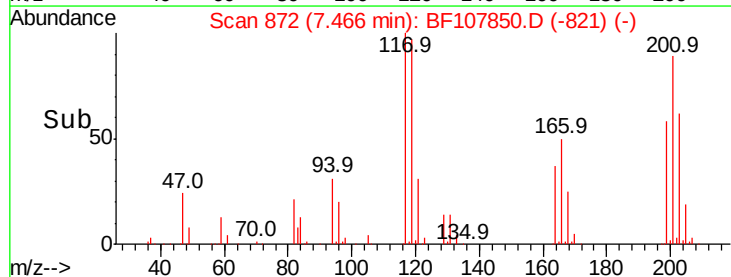
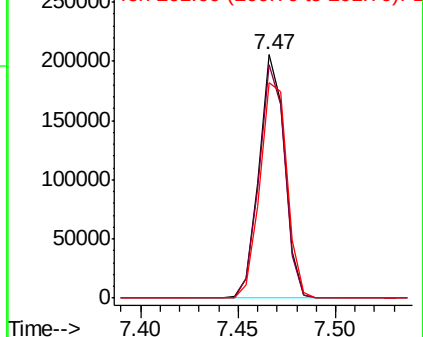


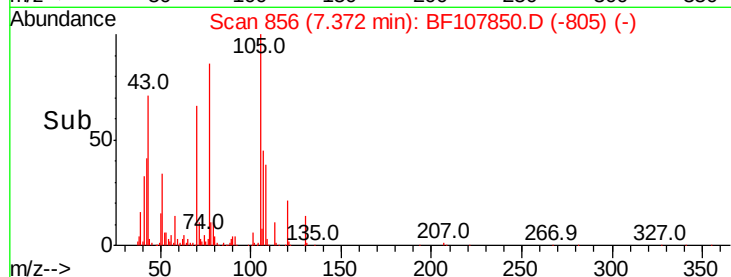
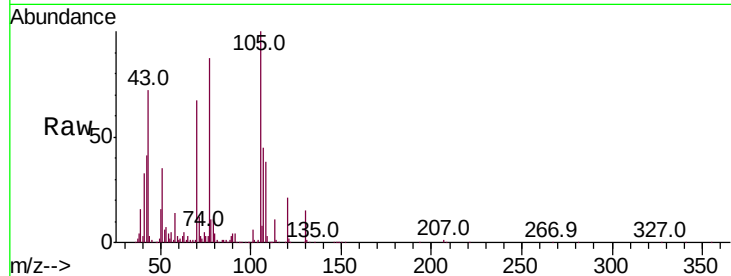
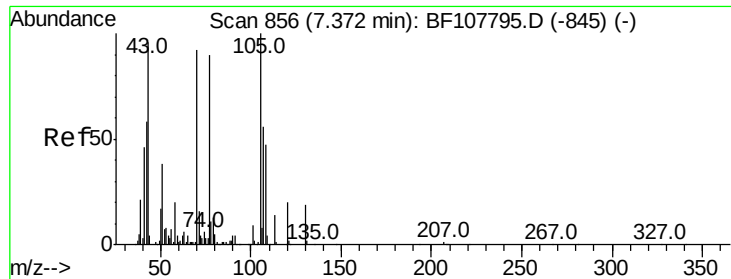
Abundance

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

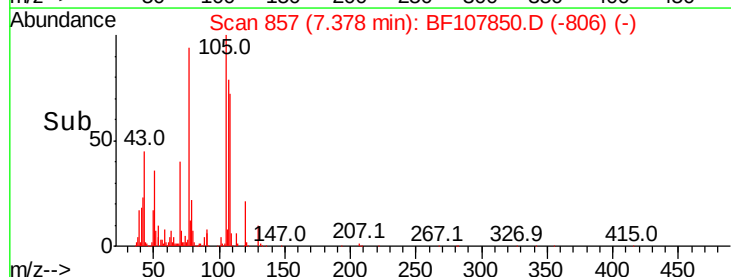
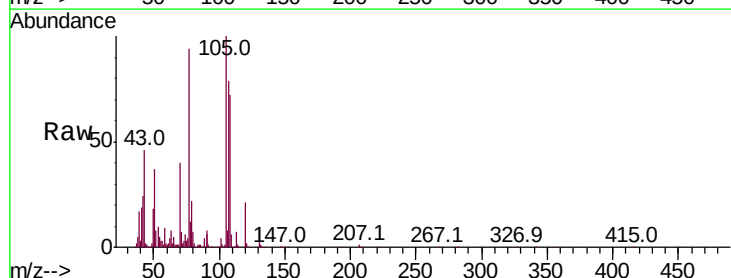
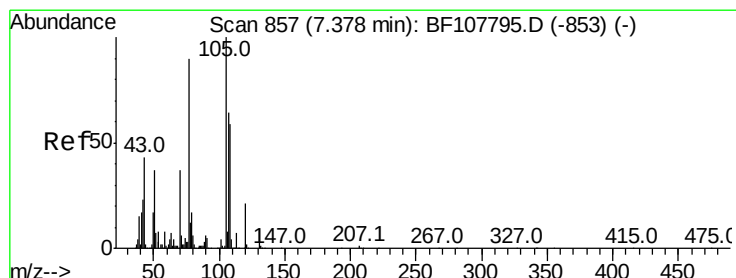
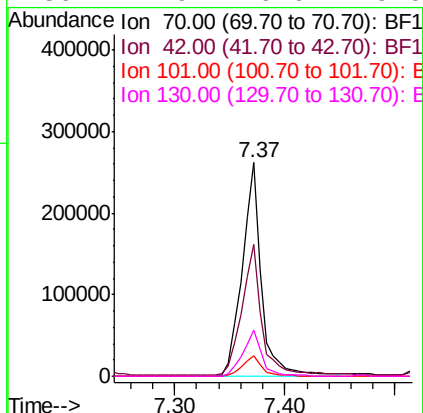




#19
n-Nitroso-di-n-propylamine
Concen: 40.219 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF107850.D
Acq: 31 Jul 2018 15:39

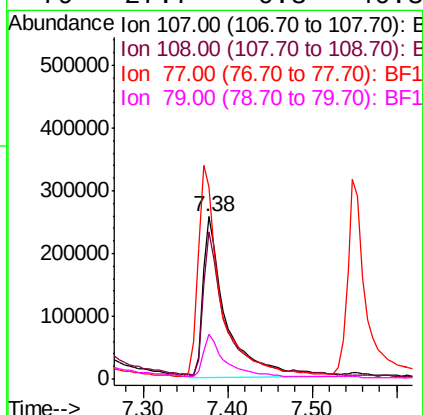
Instrument :
BNA_F
ClientSampleId :
PB111618BS

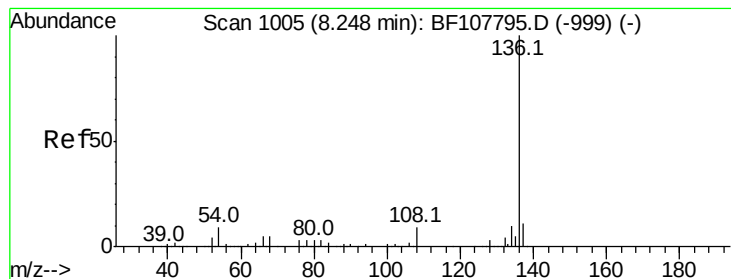
Tot Ion:	70	Resp:	322477
Ion	Ratio	Lower	Upper
70	100		
42	61.8	47.5	71.3
101	9.5	7.4	11.2
130	21.9	16.6	25.0



#20
3+4-Methylphenols
Concen: 45.648 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF107850.D
Acq: 31 Jul 2018 15:39

Tgt Ion:	107	Resp:	498402
Ion	Ratio	Lower	Upper
107	100		
108	90.6	68.2	108.2
77	118.3	26.7	66.7#
79	27.7	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF107850.D

Acq: 31 Jul 2018 15:39

Instrument :

BNA_F

ClientSampleId :

PB111618BS

Tot Ion:136 Resp: 652292

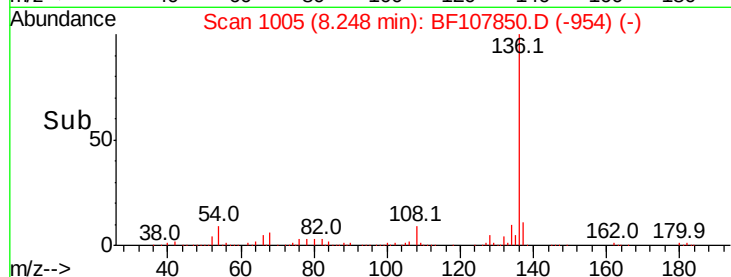
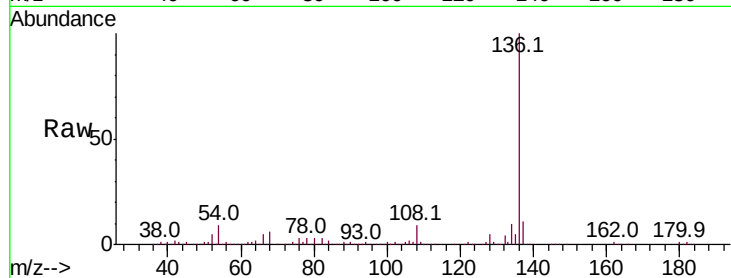
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.2 6.6 9.8

68 5.8 5.0 7.4



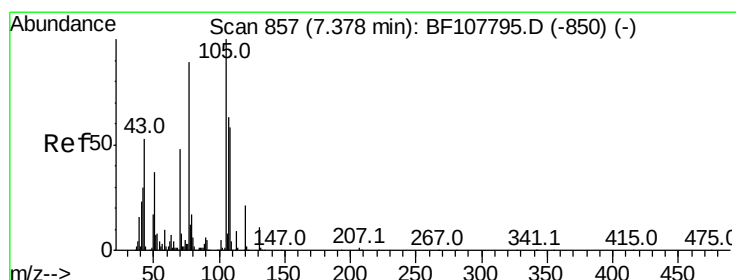
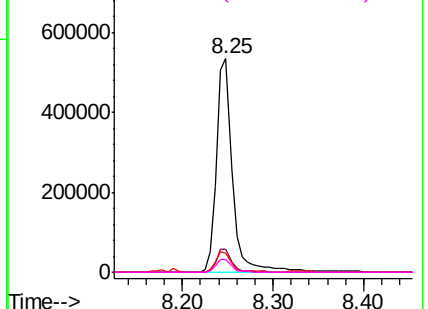
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.442 ng

RT: 7.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF107850.D

Acq: 31 Jul 2018 15:39

Tgt Ion:105 Resp: 681750

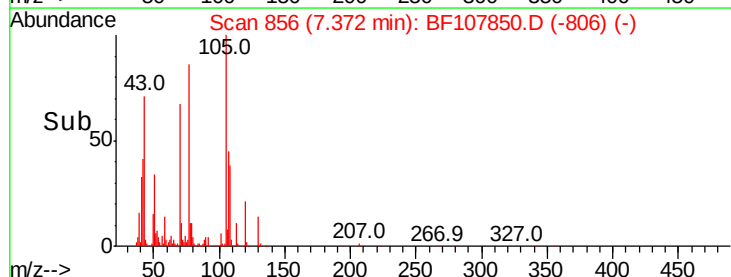
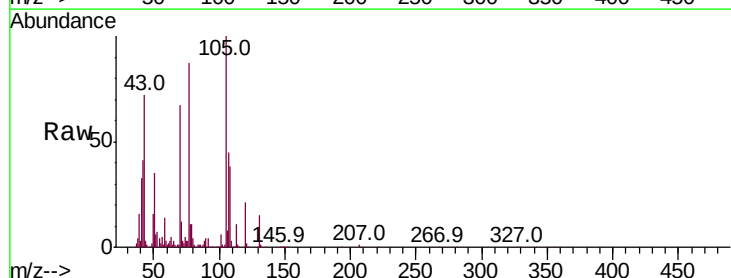
Ion Ratio Lower Upper

105 100

71 11.6 4.4 6.6#

51 34.6 22.3 33.5#

120 21.1 16.9 25.3



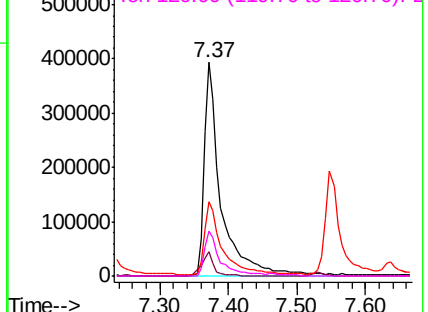
Abundance

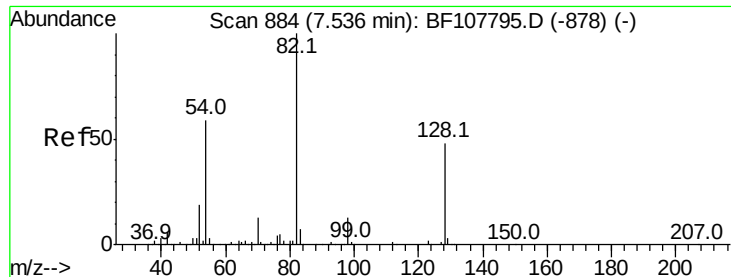
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 89.653 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF107850.D

Acq: 31 Jul 2018 15:39

Instrument :

BNA_F

ClientSampleId :

PB111618BS

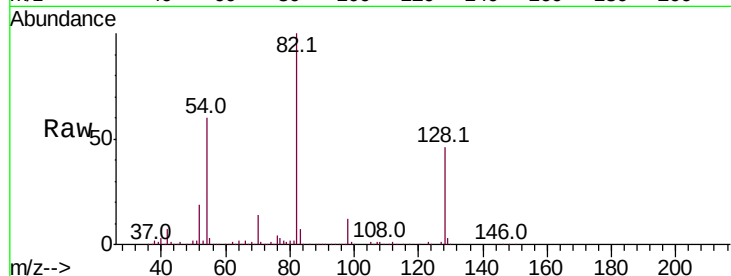
Tot Ion: 82 Resp: 1015098

Ion Ratio Lower Upper

82 100

128 46.1 36.1 54.1

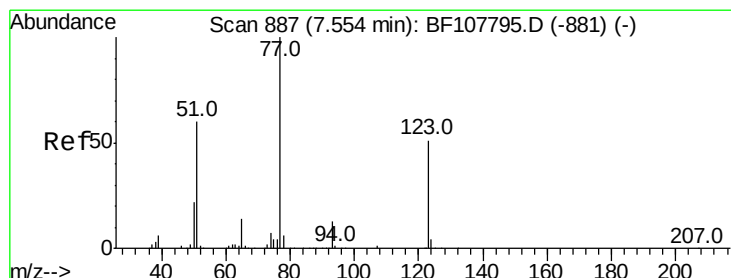
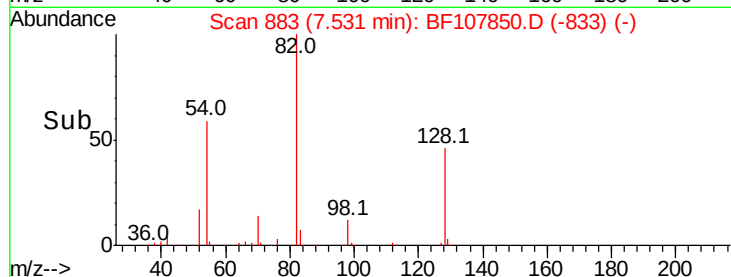
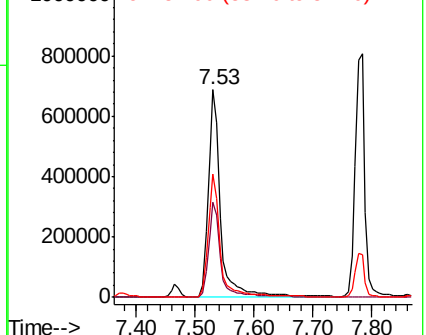
54 59.6 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 40.312 ng

RT: 7.55 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF107850.D

Acq: 31 Jul 2018 15:39

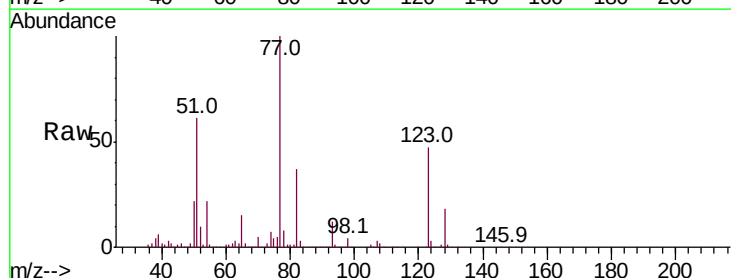
Tgt Ion: 77 Resp: 478604

Ion Ratio Lower Upper

77 100

123 46.9 37.9 56.9

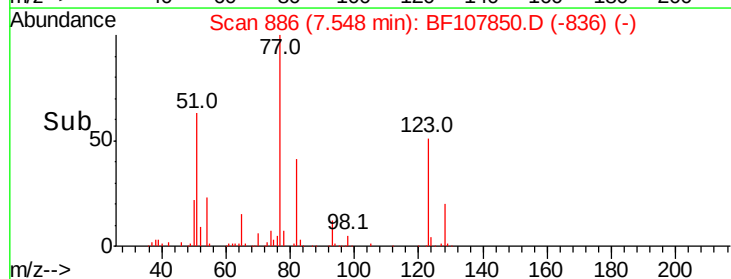
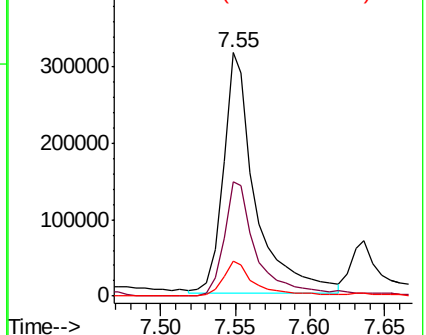
65 14.6 11.0 16.4

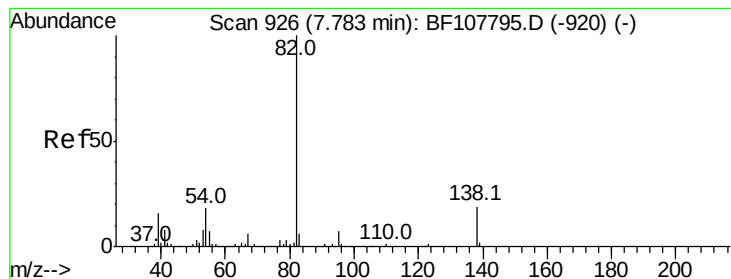


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 48.940 ng

RT: 7.78 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF107850.D

Acq: 31 Jul 2018 15:39

Instrument :

BNA_F

ClientSampleId :

PB111618BS

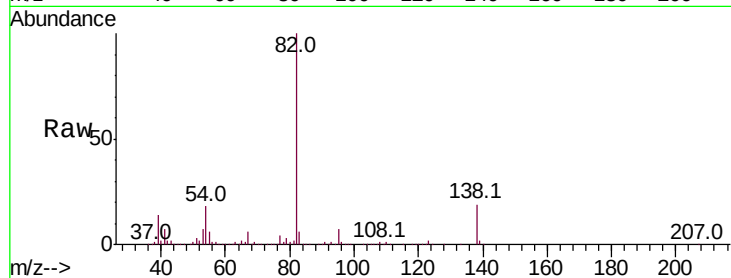
Tot Ion: 82 Resp: 909594

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

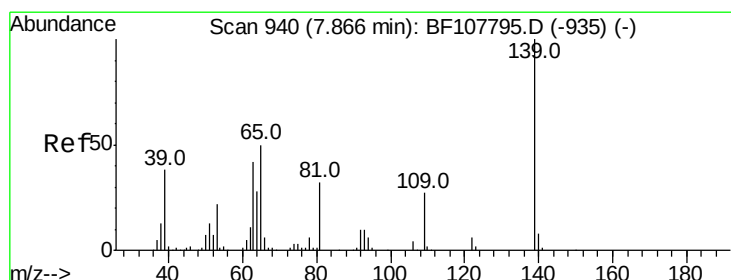
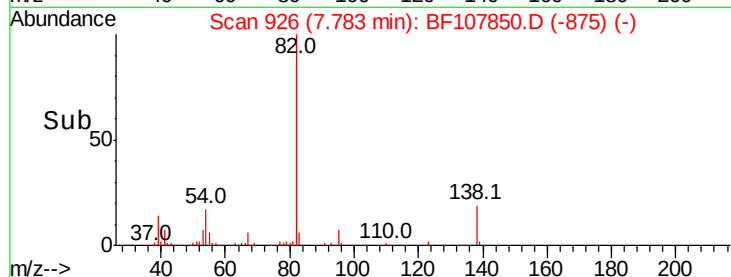
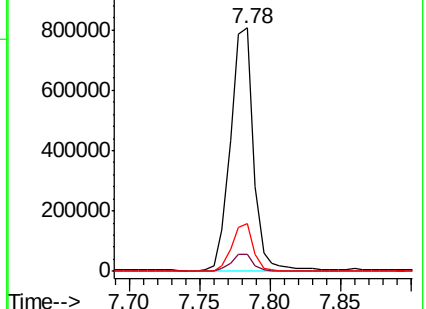
138 19.5 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 46.346 ng

RT: 7.87 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF107850.D

Acq: 31 Jul 2018 15:39

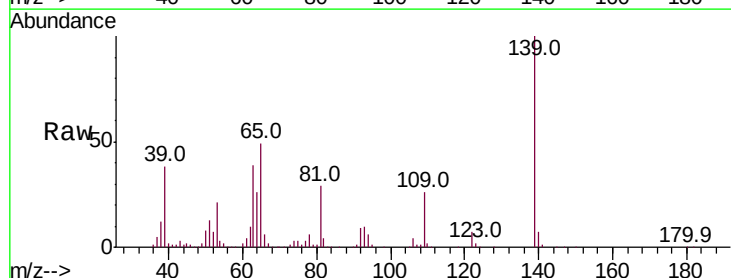
Tgt Ion: 139 Resp: 276145

Ion Ratio Lower Upper

139 100

109 25.7 22.7 34.1

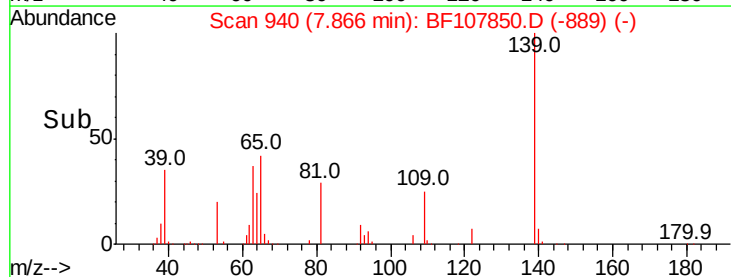
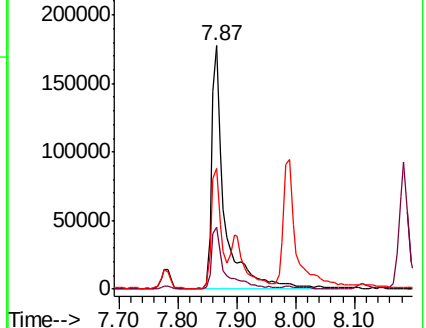
65 49.4 40.5 60.7

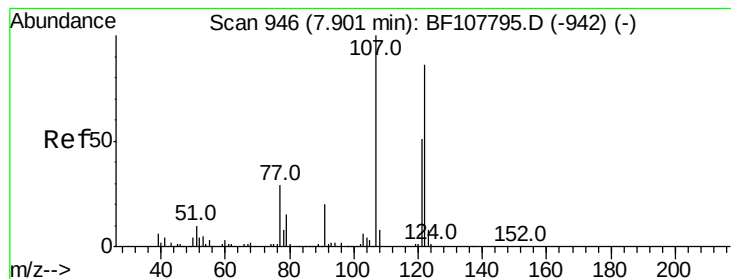


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 52.146 ng

RT: 7.90 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF107850.D

Acq: 31 Jul 2018 15:39

Instrument :

BNA_F

ClientSampleId :

PB111618BS

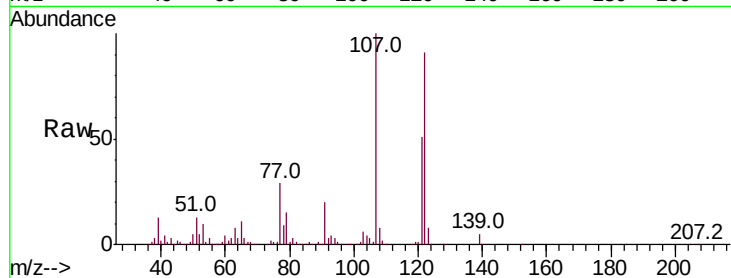
Tot Ion:122 Resp: 415981

Ion Ratio Lower Upper

122 100

107 110.2 91.2 136.8

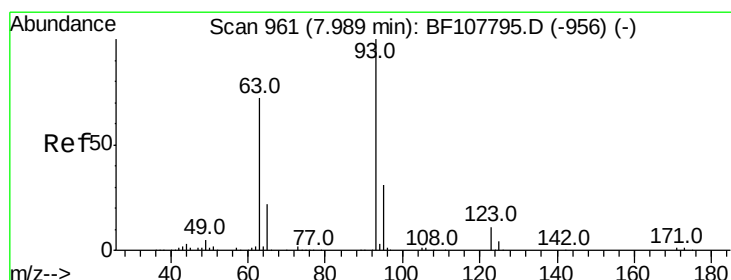
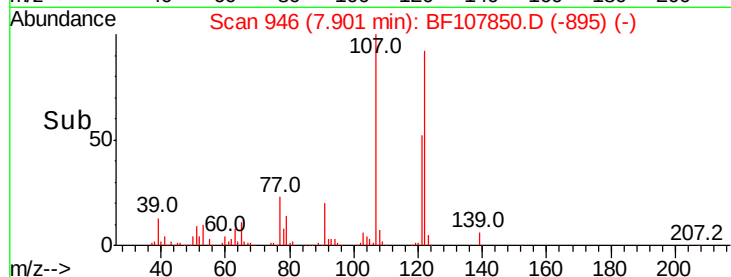
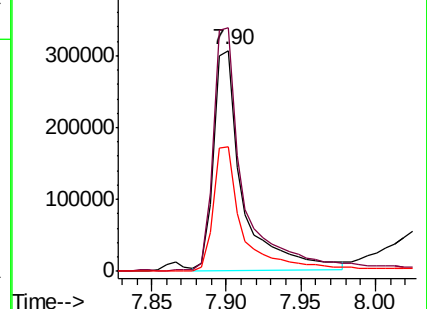
121 56.4 47.2 70.8



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: 48.711 ng

RT: 7.99 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF107850.D

Acq: 31 Jul 2018 15:39

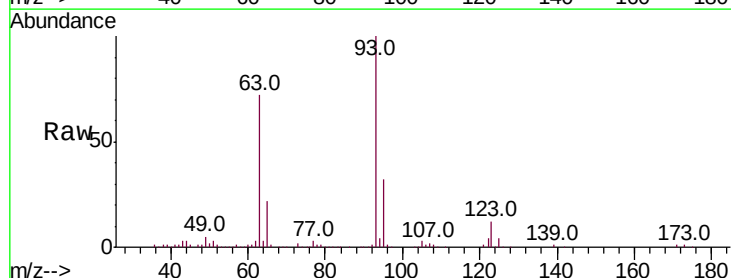
Tgt Ion: 93 Resp: 596629

Ion Ratio Lower Upper

93 100

95 31.9 26.3 39.5

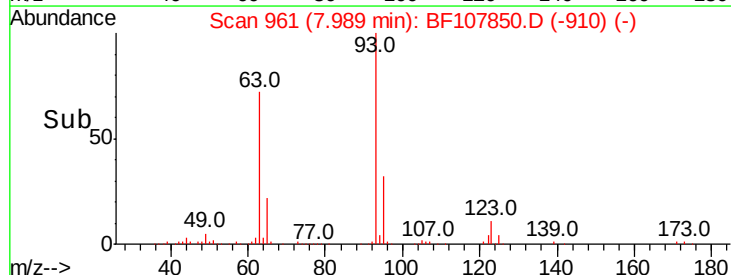
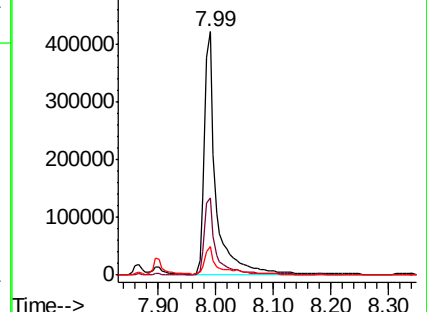
123 11.5 9.8 14.6

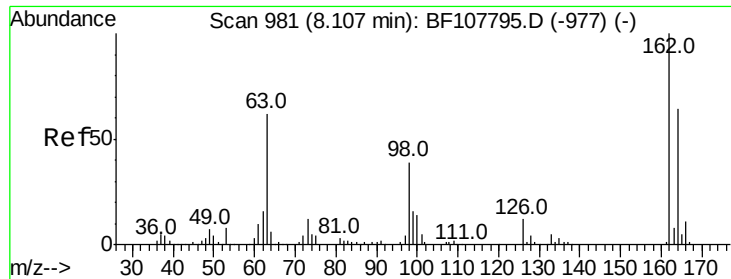


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

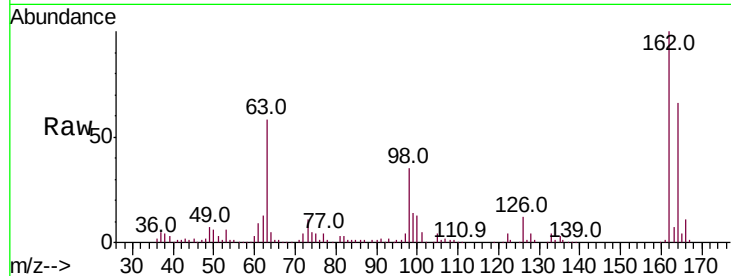




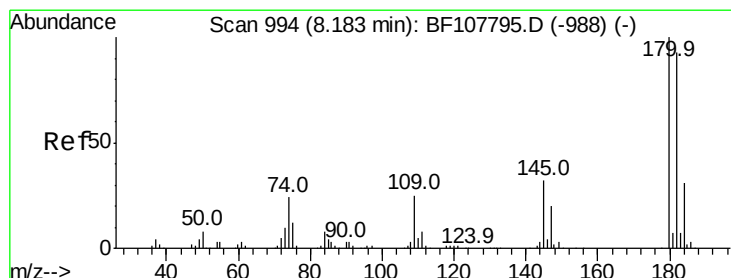
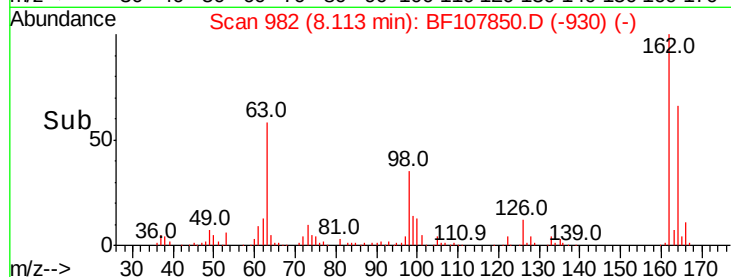
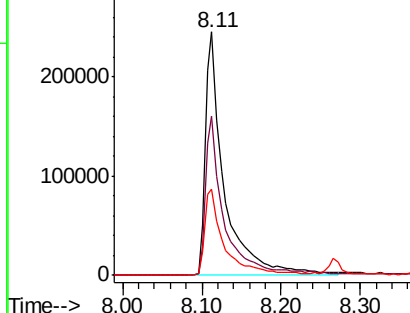
#29
2,4-Dichlorophenol
Concen: 45.305 ng
RT: 8.11 min Scan# 982
Delta R.T. 0.01 min
Lab File: BF107850.D
Acq: 31 Jul 2018 15:39

Instrument :
BNA_F
ClientSampleId :
PB111618BS

Tot Ion:162 Resp: 408807
Ion Ratio Lower Upper
162 100
164 65.6 42.7 82.7
98 35.4 18.1 58.1

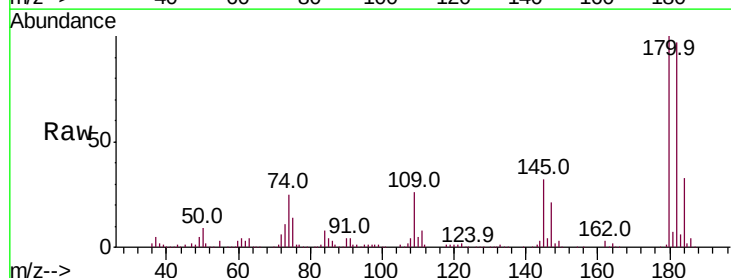


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

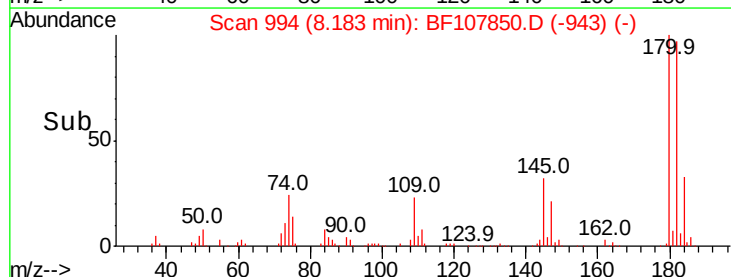
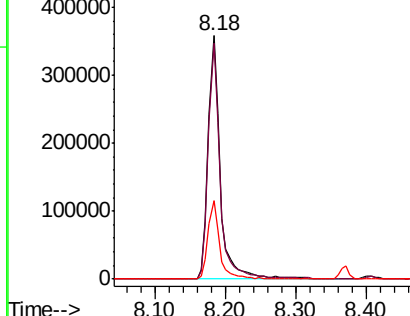


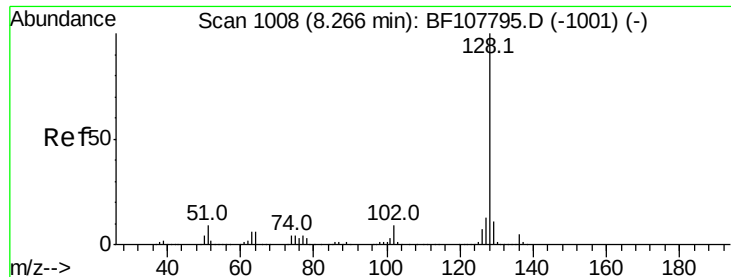
#30
1,2,4-Trichlorobenzene
Concen: 41.734 ng
RT: 8.18 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF107850.D
Acq: 31 Jul 2018 15:39

Tgt Ion:180 Resp: 429613
Ion Ratio Lower Upper
180 100
182 96.7 76.8 115.2
145 32.1 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

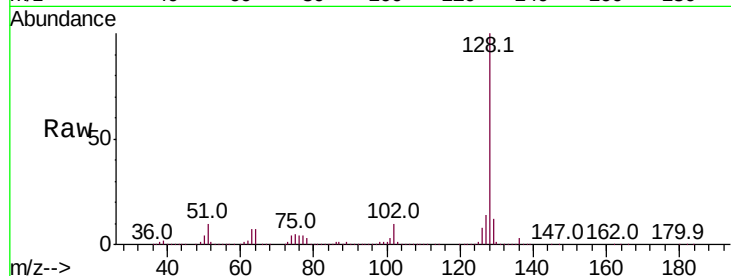




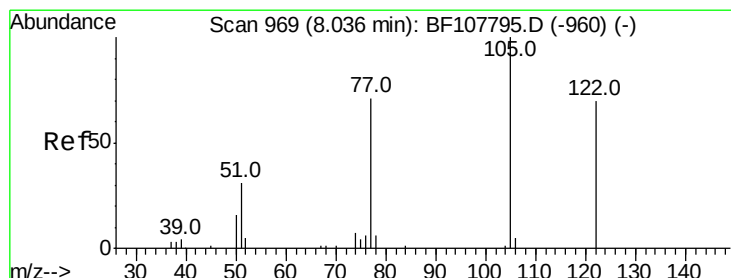
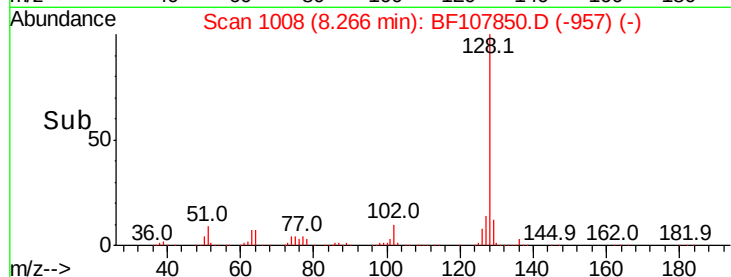
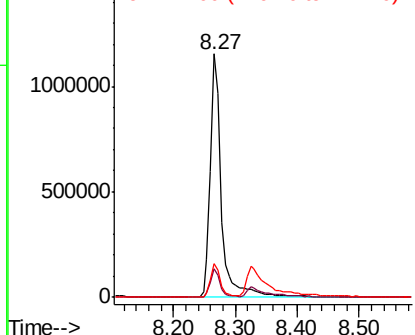
#31
Naphthalene
Concen: 46.980 ng
RT: 8.27 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF107850.D
Acq: 31 Jul 2018 15:39

Instrument :
BNA_F
ClientSampleId :
PB111618BS

Tot Ion:128 Resp: 1424491
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 13.7 10.9 16.3

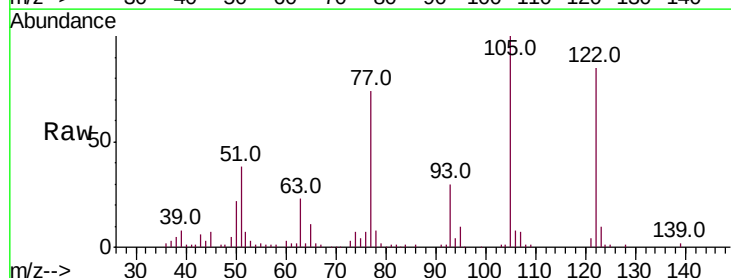


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

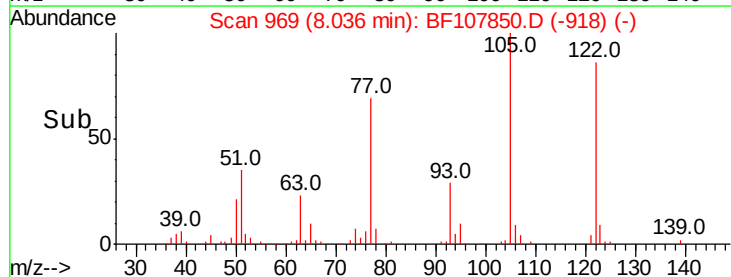
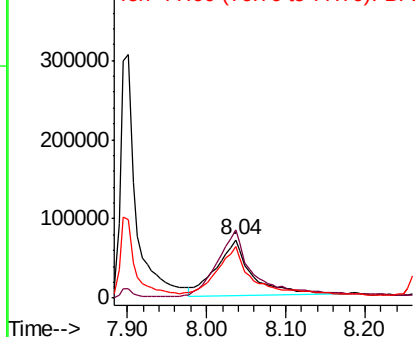


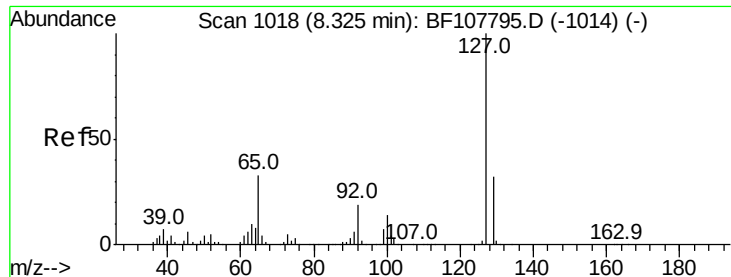
#32
Benzoic acid
Concen: 40.455 ng
RT: 8.04 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF107850.D
Acq: 31 Jul 2018 15:39

Tgt Ion:122 Resp: 217079
Ion Ratio Lower Upper
122 100
105 118.2 101.1 141.1
77 87.8 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

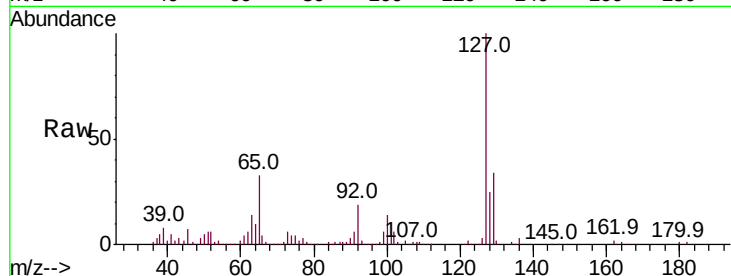




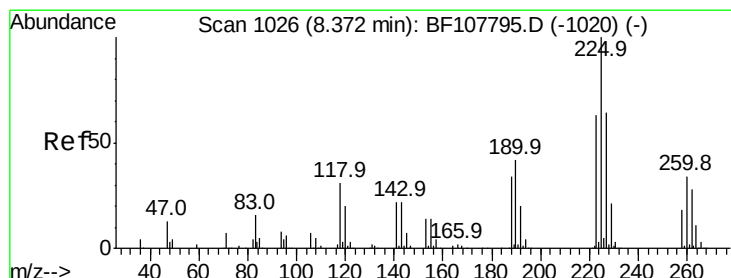
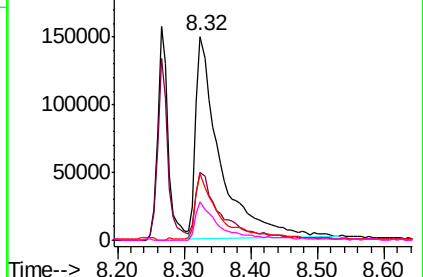
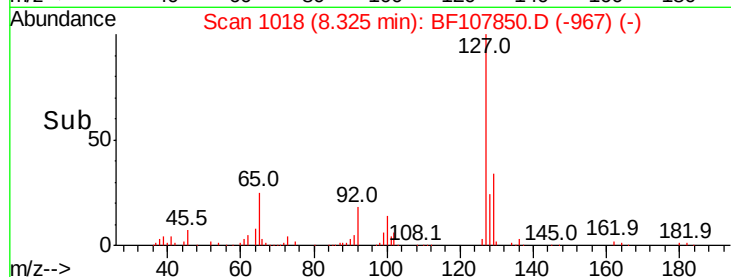
#33
4-Chloroaniline
Concen: 28.717 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF107850.D
Acq: 31 Jul 2018 15:39

Instrument :
BNA_F
ClientSampleId :
PB111618BS

Tot Ion:127	Resp:	371926	
Ion Ratio	Lower	Upper	
127 100			
129 33.5	25.9	38.9	
65 32.6	25.0	37.4	
92 18.9	15.2	22.8	

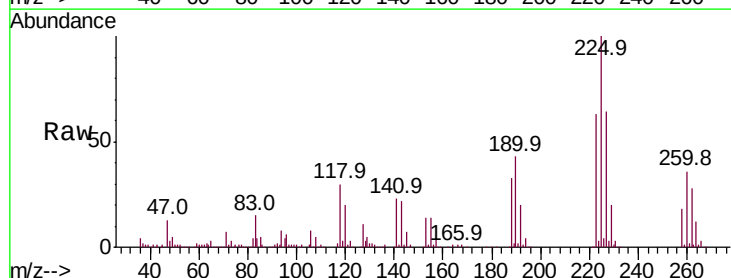


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

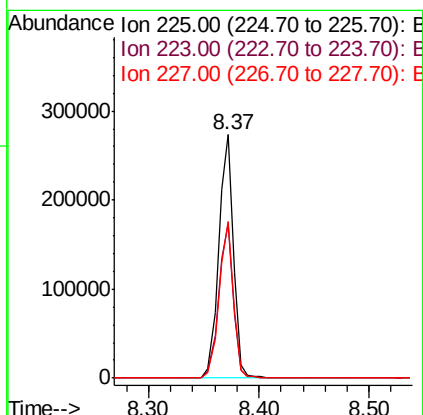
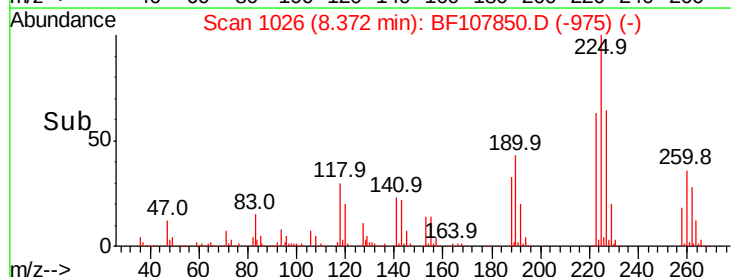


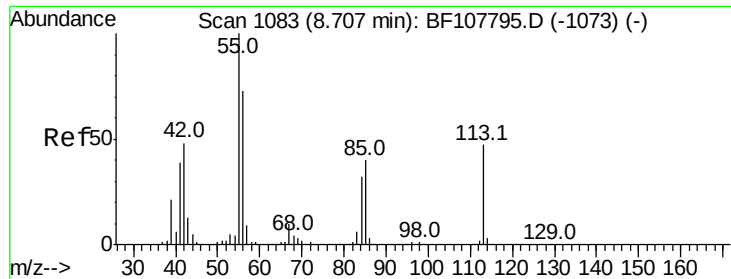
#34
Hexachlorobutadiene
Concen: 39.701 ng
RT: 8.37 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF107850.D
Acq: 31 Jul 2018 15:39

Tgt Ion	225	Resp: Lower	252545 Upper
	Ratio		
225	100		
223	63.3	50.6	76.0
227	64.1	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

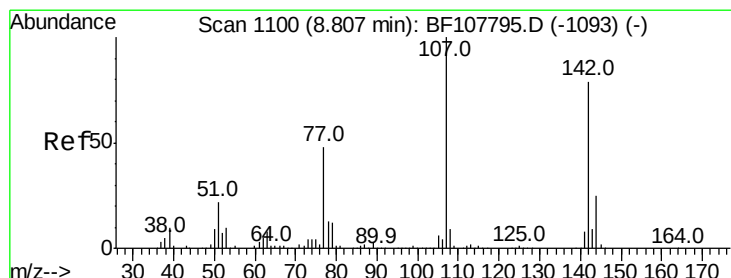
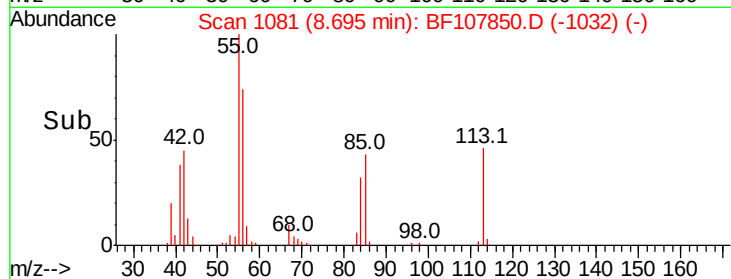
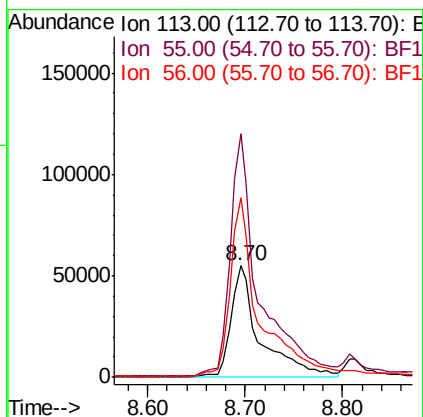
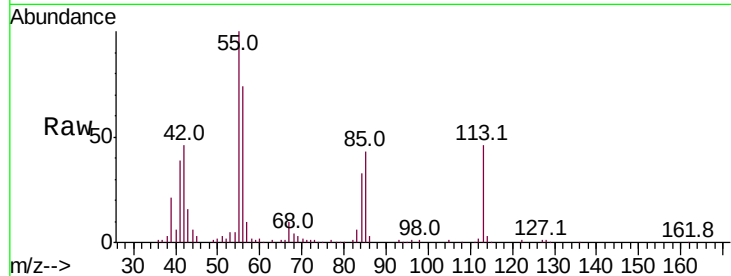




#35
 Caprolactam
 Concen: 42.495 ng
 RT: 8.70 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BF107850.D
 Acq: 31 Jul 2018 15:39

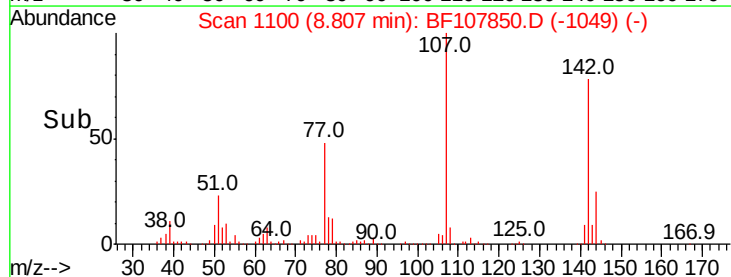
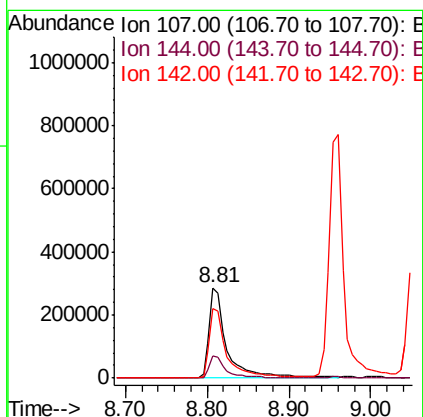
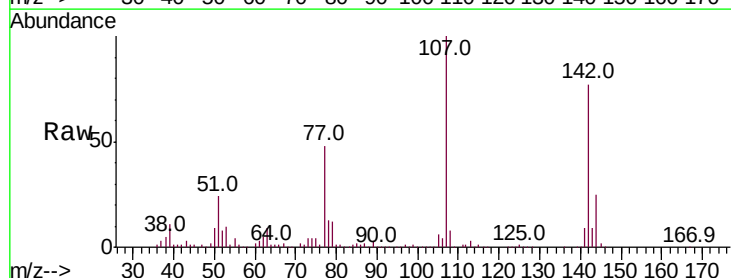
Instrument :
 BNA_F
 ClientSampleId :
 PB111618BS

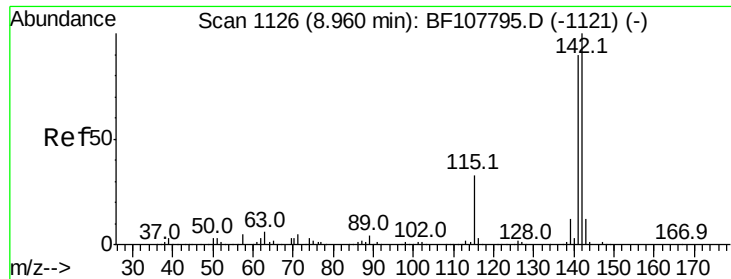
Tot Ion:113 Resp: 115433
 Ion Ratio Lower Upper
 113 100
 55 218.3 163.3 203.3#
 56 161.5 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 43.974 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF107850.D
 Acq: 31 Jul 2018 15:39

Tgt Ion:107 Resp: 430933
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.5 30.7
 142 77.4 62.0 93.0

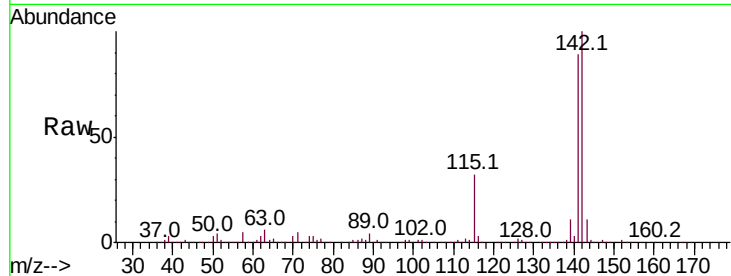




#37
2-Methylnaphthalene
Concen: 50.210 ng
RT: 8.96 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF107850.D
Acq: 31 Jul 2018 15:39

Instrument :
BNA_F
ClientSampleId :
PB111618BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.8	106.2
115	31.8	26.1	39.1

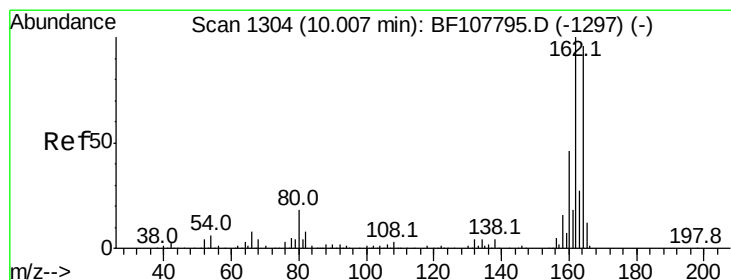
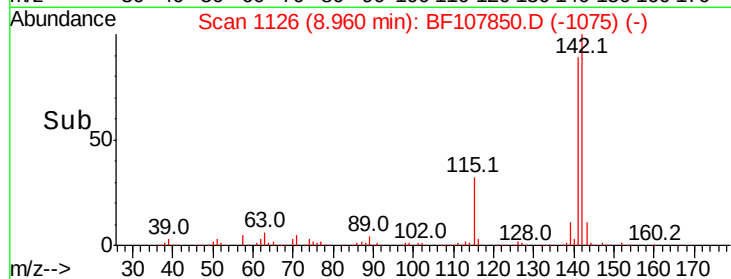
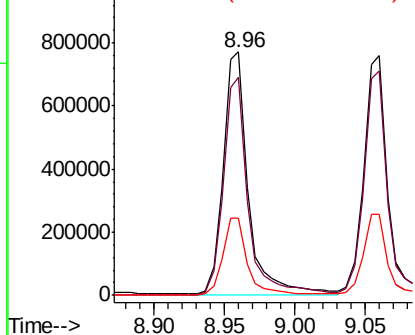


Abundance

Ion 142.00 (141.70 to 142.70): E

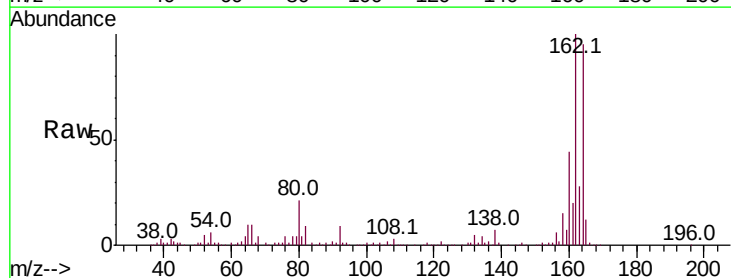
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF107850.D
Acq: 31 Jul 2018 15:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	46.5	38.3	57.5

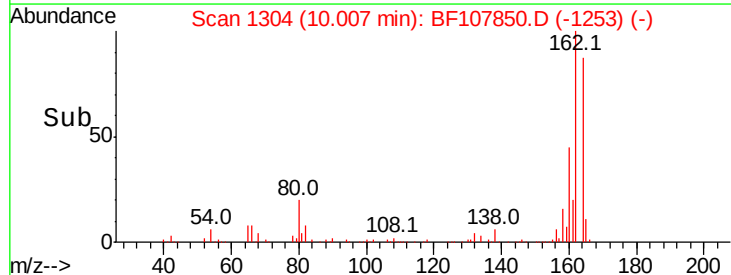
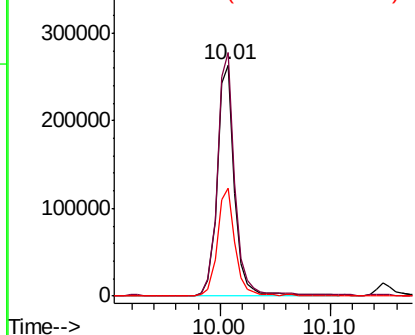


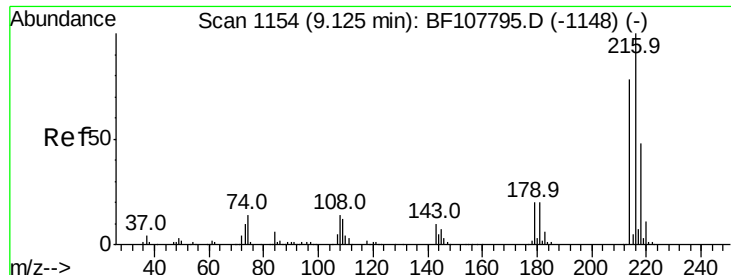
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

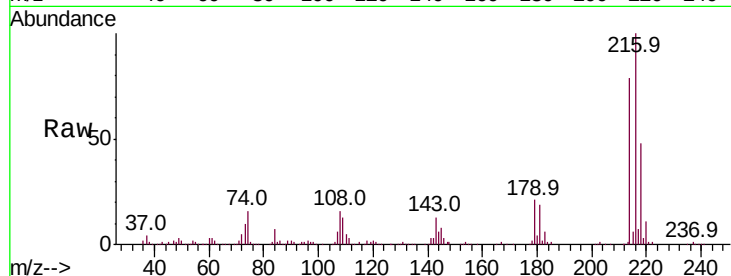




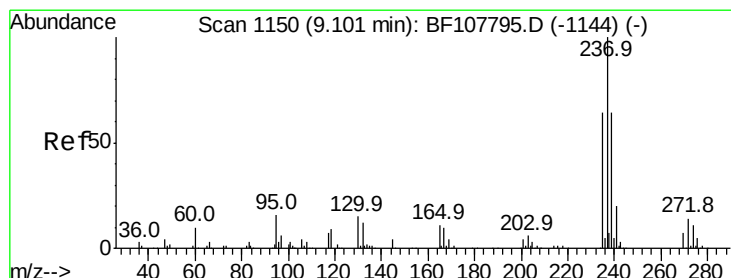
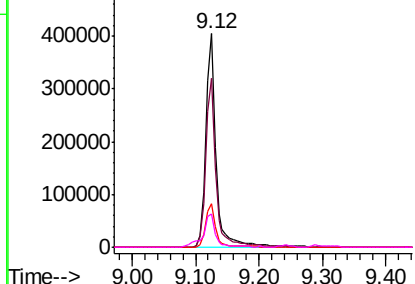
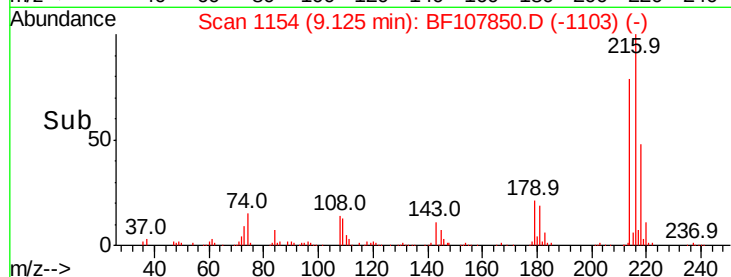
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.958 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF107850.D
 Acq: 31 Jul 2018 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB111618BS

Tot Ion:	216	Resp:	452781
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.4
179	20.9	18.1	27.1
108	18.2	17.2	25.8

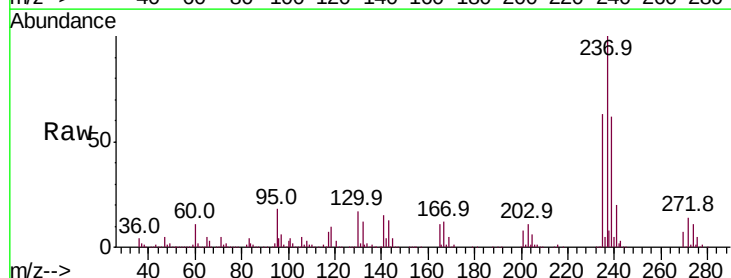


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

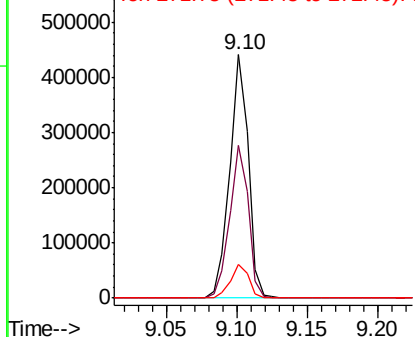
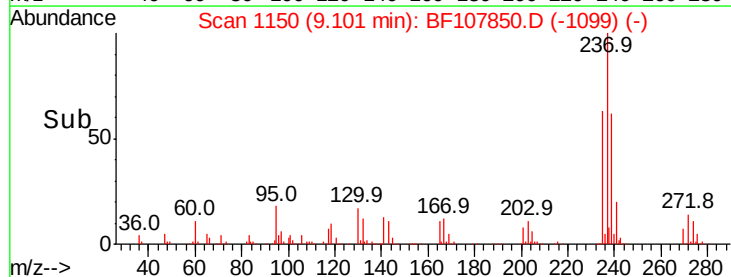


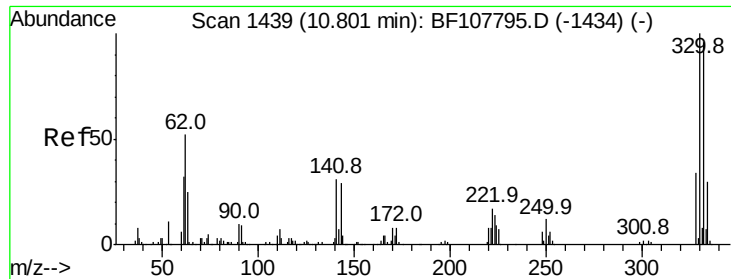
#40
 Hexachlorocyclopentadiene
 Concen: 94.128 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF107850.D
 Acq: 31 Jul 2018 15:39

Tgt Ion:	237	Resp:	405310
Ion	Ratio	Lower	Upper
237	100		
235	62.8	44.8	84.8
272	13.7	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

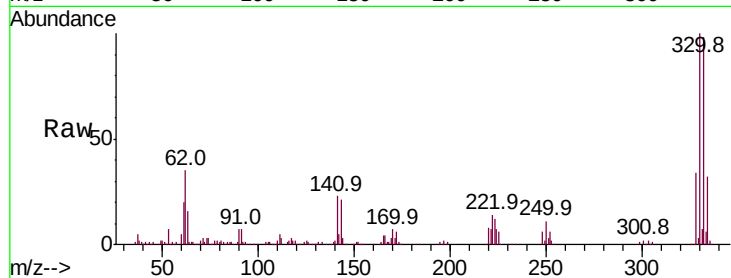




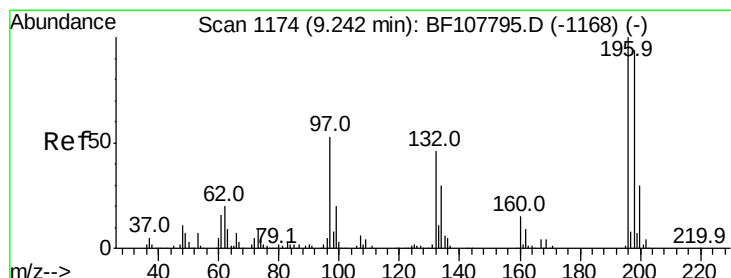
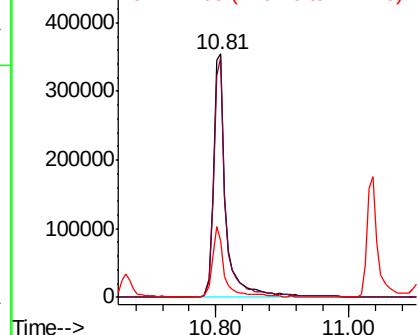
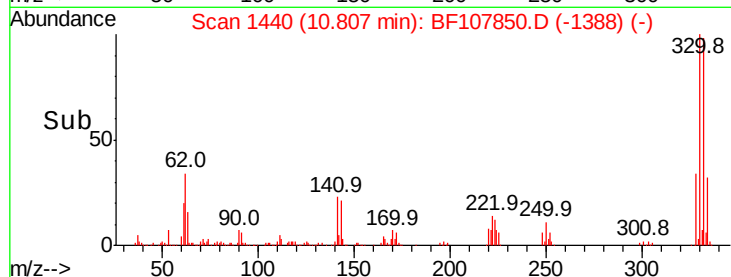
#41
 2,4,6-Tribromophenol
 Concen: 118.579 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF107850.D
 Acq: 31 Jul 2018 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB111618BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	26.3	29.9	44.9#

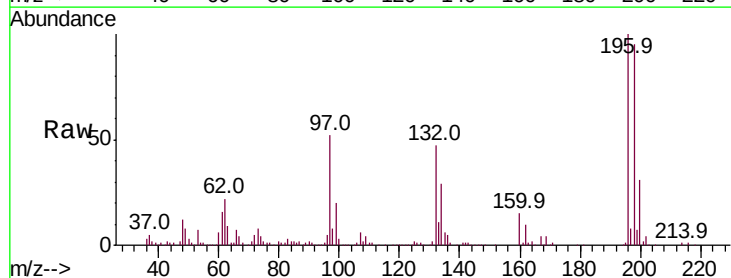


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

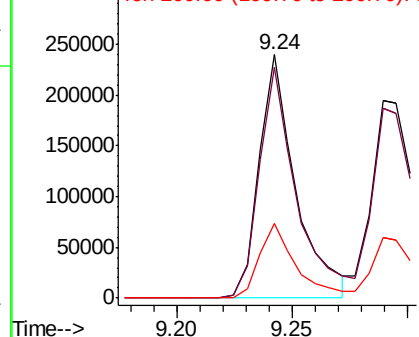
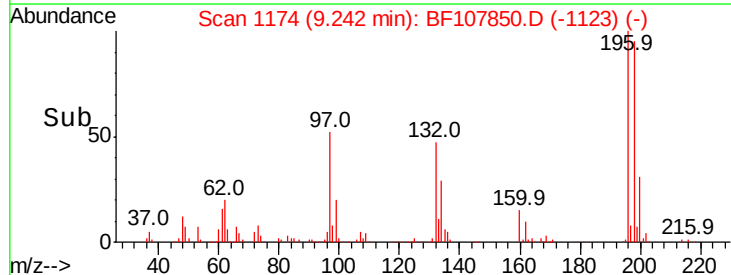


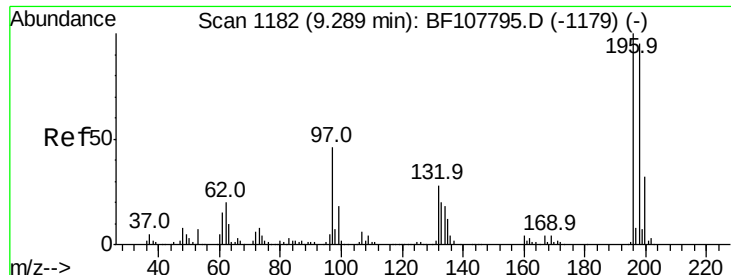
#42
 2,4,6-Trichlorophenol
 Concen: 48.644 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF107850.D
 Acq: 31 Jul 2018 15:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	75.7	113.5
200	30.5	24.5	36.7



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

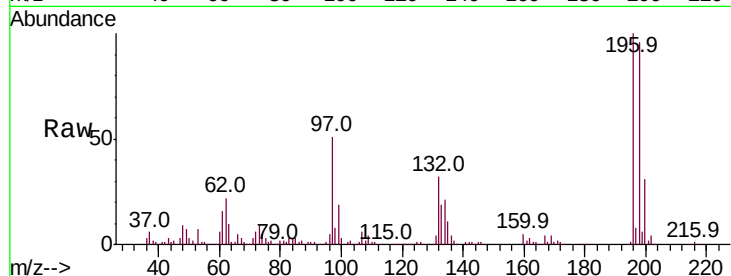




#43
 2,4,5-Trichlorophenol
 Concen: 46.477 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF107850.D
 Acq: 31 Jul 2018 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB111618BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.1	74.6	112.0
97	51.0	42.9	64.3
132	31.6	26.3	39.5



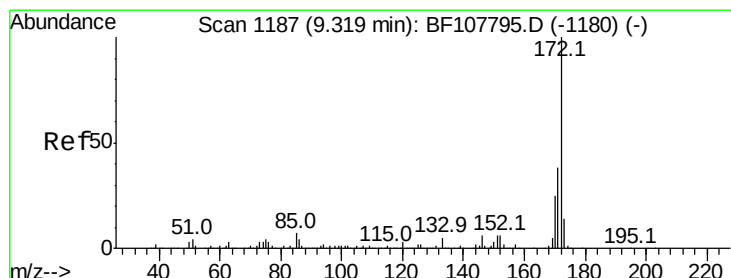
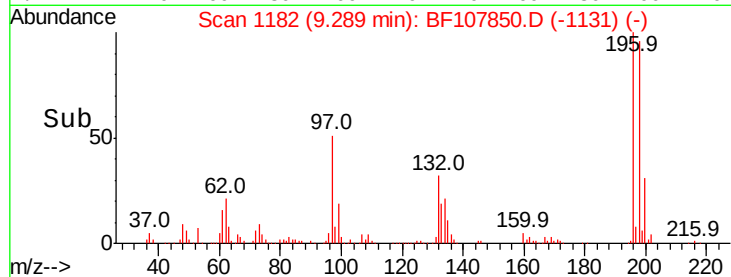
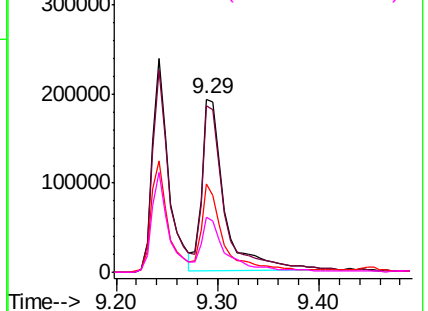
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

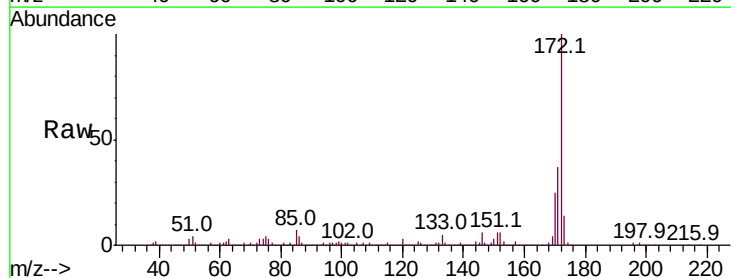
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.481 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF107850.D
 Acq: 31 Jul 2018 15:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.7	44.5
170	24.9	19.6	29.4

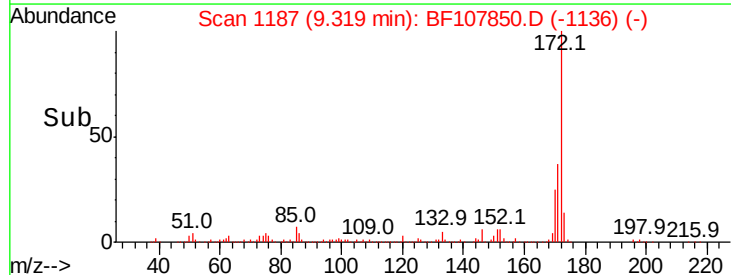
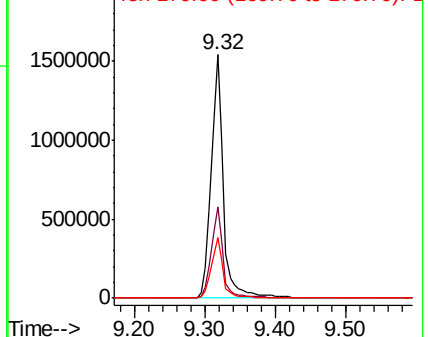


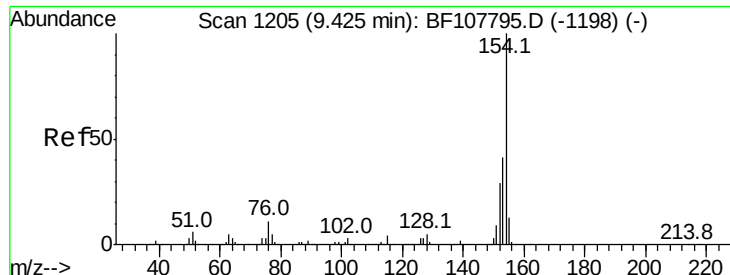
Abundance

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: 44.690 ng

RT: 9.42 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF107850.D

Acq: 31 Jul 2018 15:39

Instrument :

BNA_F

ClientSampleId :

PB111618BS

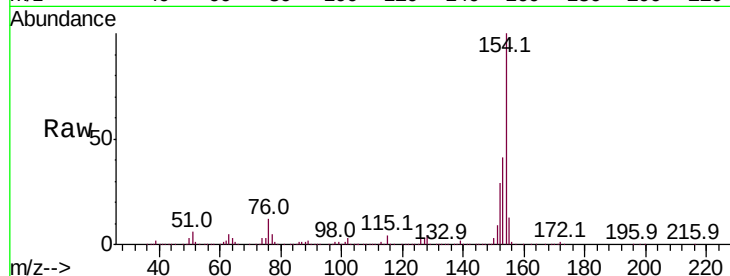
Tot Ion:154 Resp: 1175189

Ion Ratio Lower Upper

154 100

153 41.1 21.3 61.3

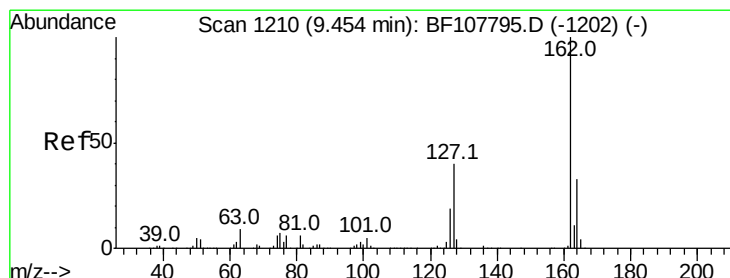
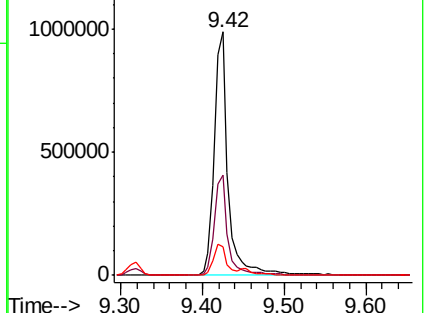
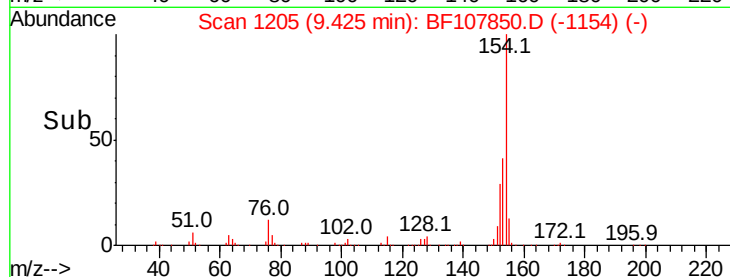
76 11.8 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 44.329 ng

RT: 9.45 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BF107850.D

Acq: 31 Jul 2018 15:39

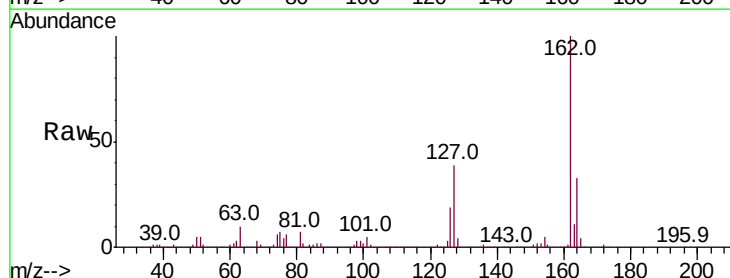
Tgt Ion:162 Resp: 879070

Ion Ratio Lower Upper

162 100

127 39.2 33.9 50.9

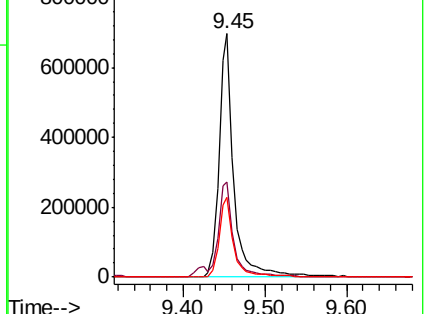
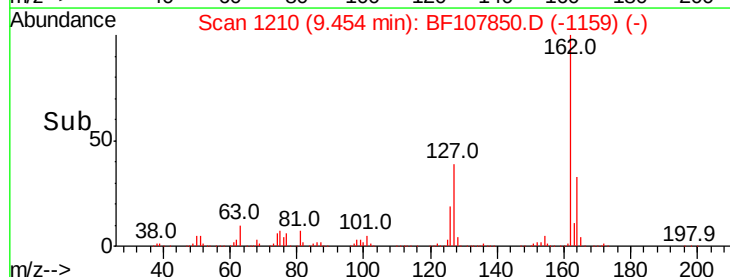
164 33.0 26.5 39.7

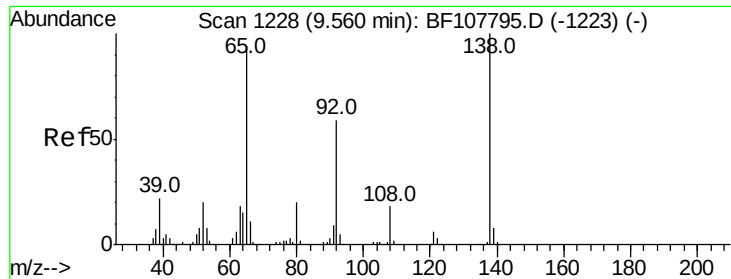


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

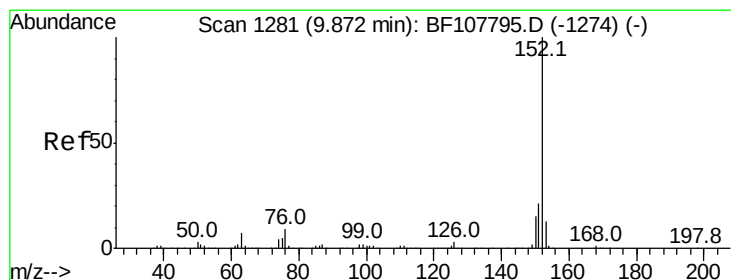
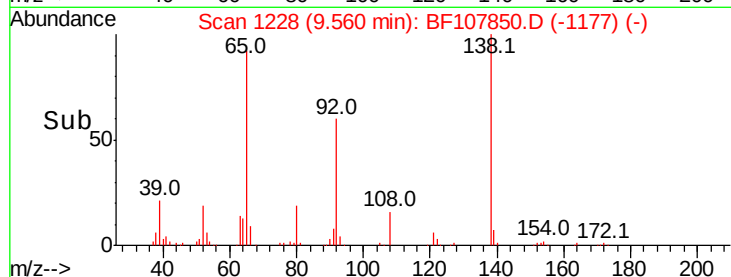
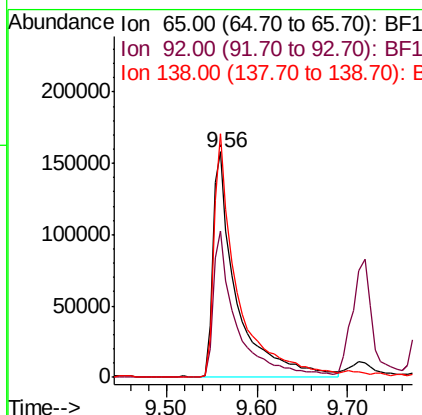
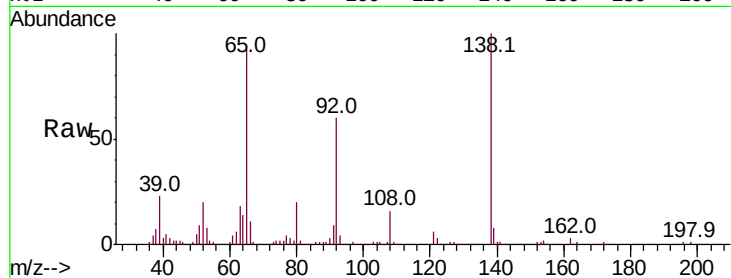




#47
2-Nitroaniline
Concen: 43.377 ng
RT: 9.56 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF107850.D
Acq: 31 Jul 2018 15:39

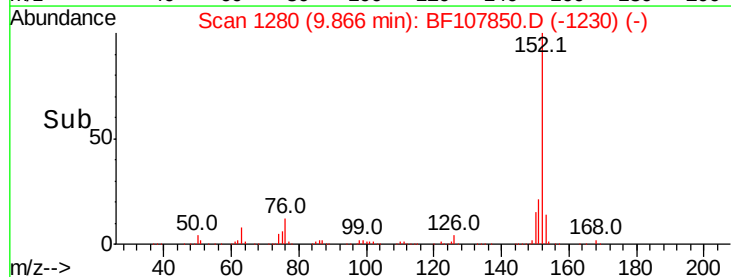
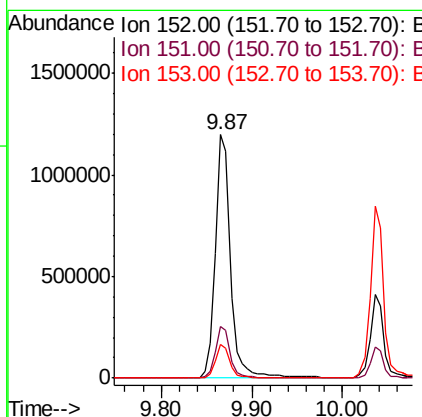
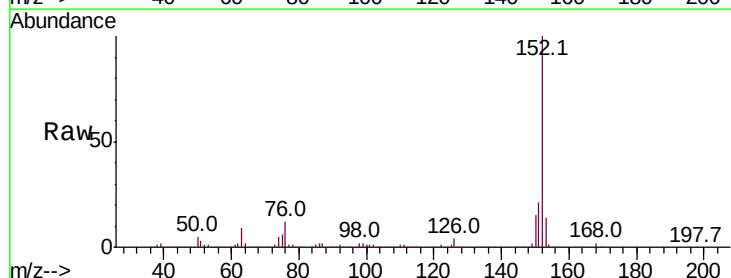
Instrument :
BNA_F
ClientSampleId :
PB111618BS

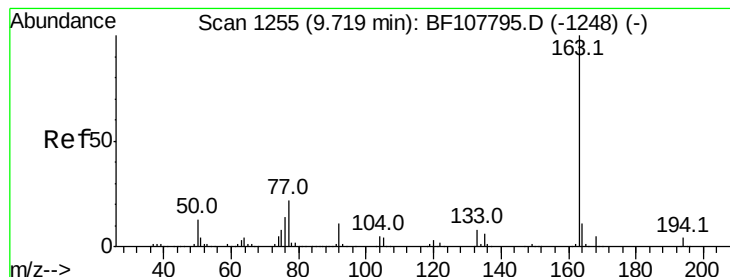
Tot Ion: 65 Resp: 279792
Ion Ratio Lower Upper
65 100
92 65.2 55.8 83.6
138 108.2 91.2 136.8



#48
Acenaphthylene
Concen: 45.333 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF107850.D
Acq: 31 Jul 2018 15:39

Tgt Ion: 152 Resp: 1393674
Ion Ratio Lower Upper
152 100
151 21.2 16.3 24.5
153 13.7 10.7 16.1





#49

Dimethylphthalate

Concen: 43.849 ng

RT: 9.72 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF107850.D

Acq: 31 Jul 2018 15:39

Instrument :

BNA_F

ClientSampleId :

PB111618BS

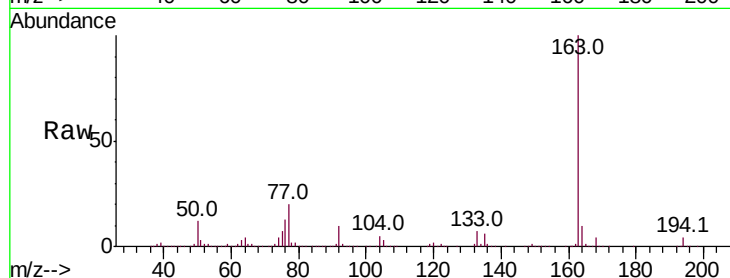
Tot Ion:163 Resp: 951569

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

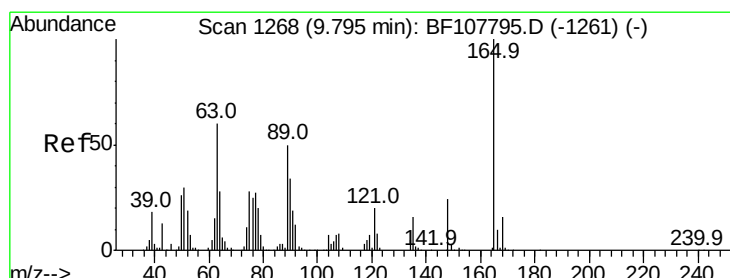
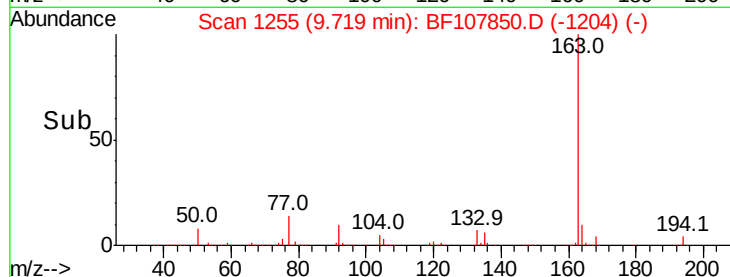
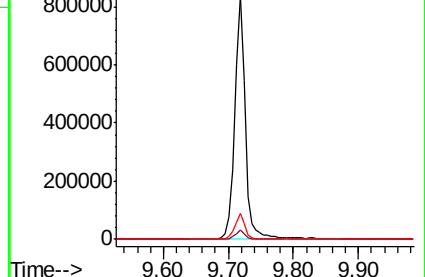
164 10.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.256 ng

RT: 9.79 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF107850.D

Acq: 31 Jul 2018 15:39

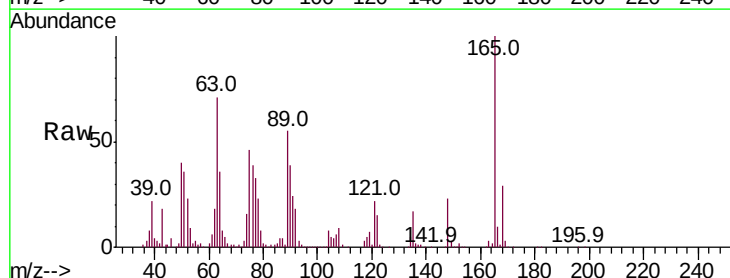
Tgt Ion:165 Resp: 208713

Ion Ratio Lower Upper

165 100

63 70.5 44.7 67.1#

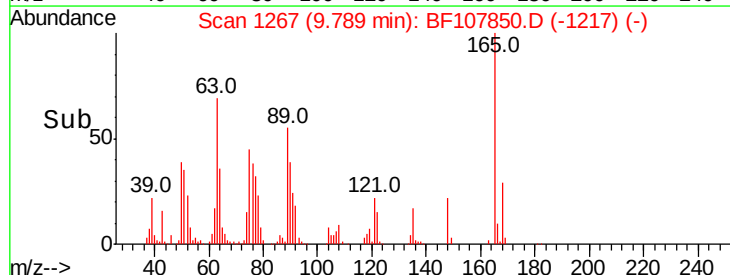
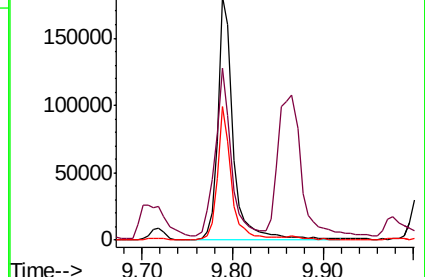
89 54.9 44.0 66.0

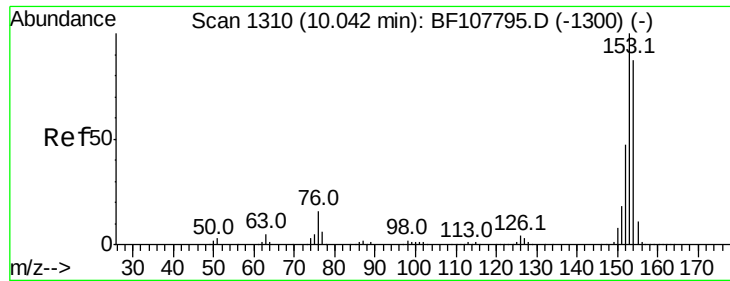


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

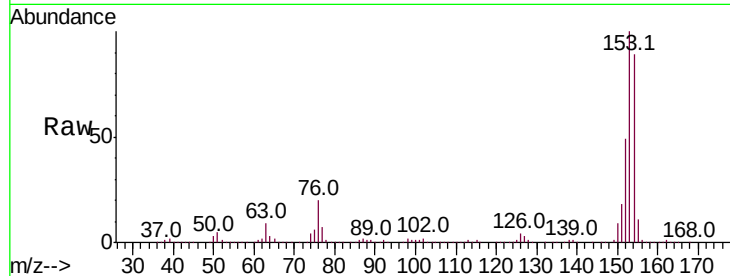




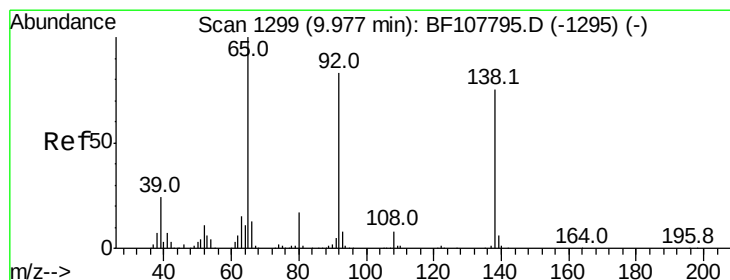
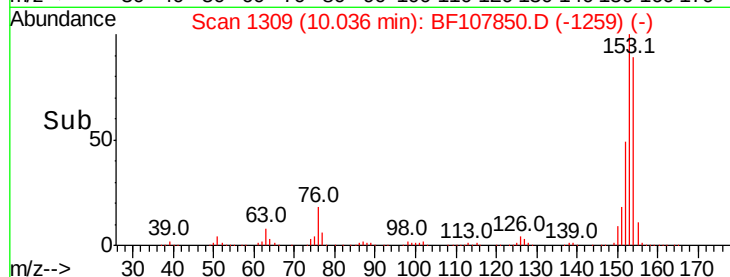
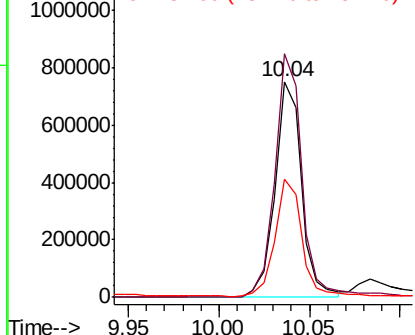
#51
Acenaphthene
Concen: 42.762 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF107850.D
Acq: 31 Jul 2018 15:39

Instrument :
BNA_F
ClientSampleId :
PB111618BS

Tot Ion:154 Resp: 763660
Ion Ratio Lower Upper
154 100
153 112.8 91.2 136.8
152 54.9 43.8 65.8

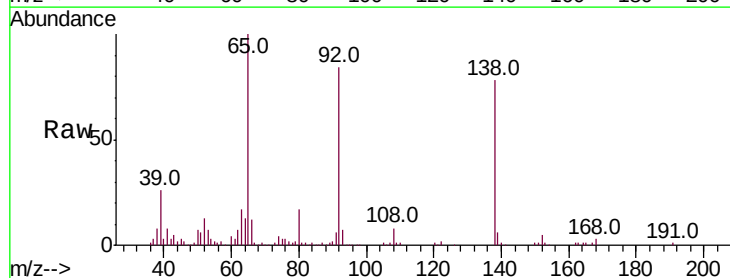


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

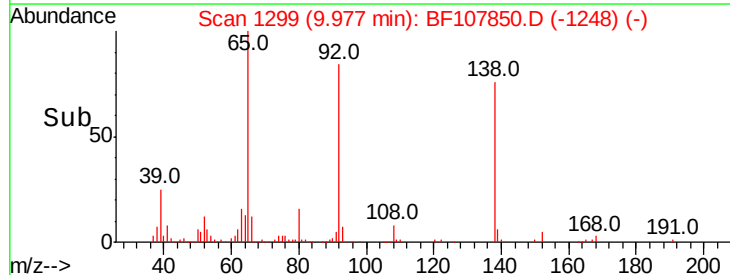
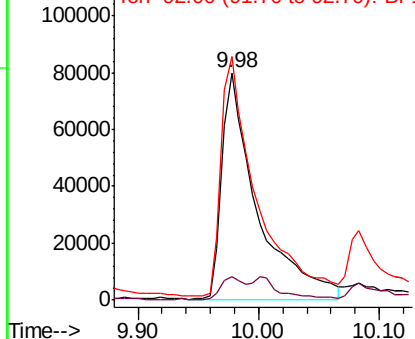


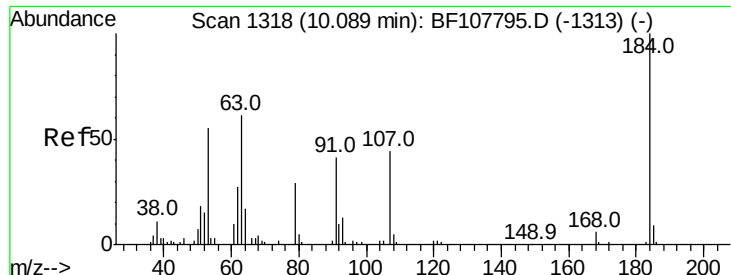
#52
3-Nitroaniline
Concen: 27.126 ng
RT: 9.98 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF107850.D
Acq: 31 Jul 2018 15:39

Tgt Ion:138 Resp: 161204
Ion Ratio Lower Upper
138 100
108 10.4 9.4 14.0
92 107.0 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

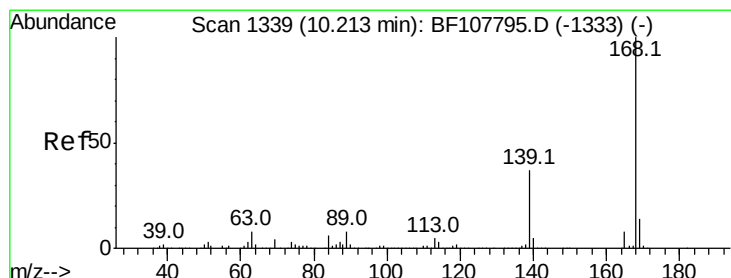
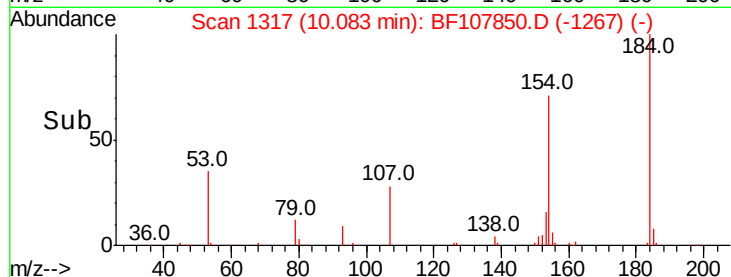
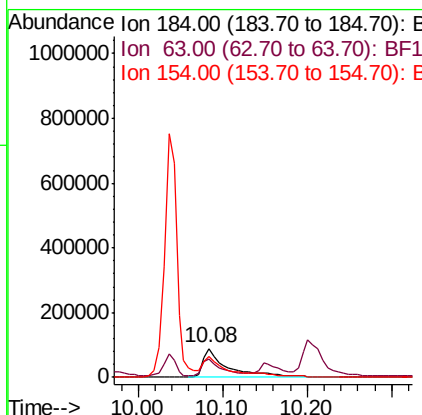
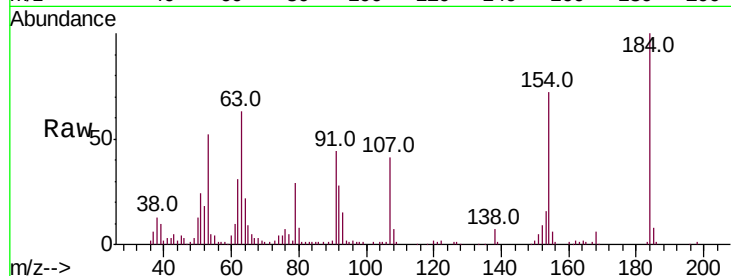




#53
 2,4-Dinitrophenol
 Concen: 74.396 ng
 RT: 10.08 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF107850.D
 Acq: 31 Jul 2018 15:39

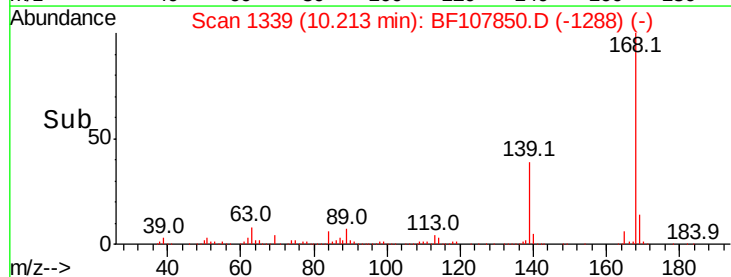
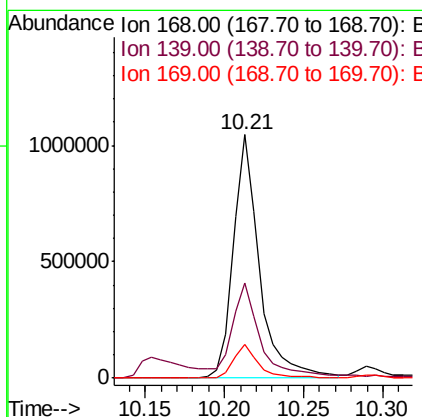
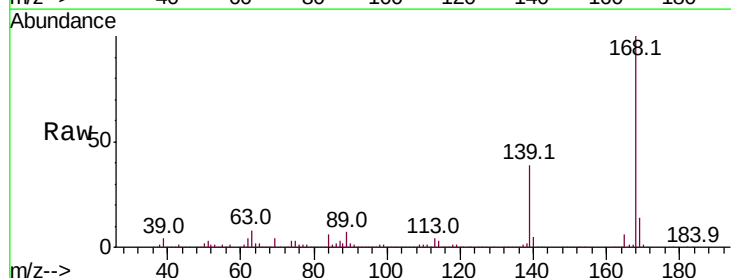
Instrument :
 BNA_F
 ClientSampleId :
 PB111618BS

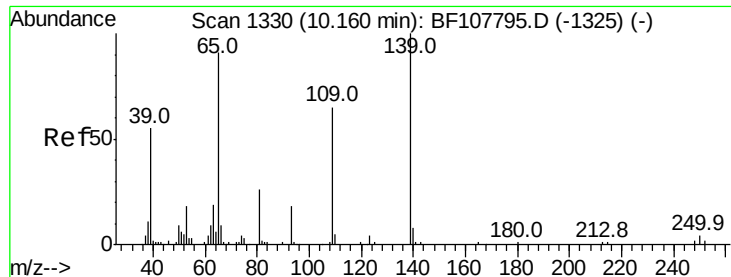
Tot Ion:184 Resp: 183271
 Ion Ratio Lower Upper
 184 100
 63 63.2 54.2 81.2
 154 71.8 184.0 276.0#



#54
 Dibenzofuran
 Concen: 43.225 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF107850.D
 Acq: 31 Jul 2018 15:39

Tgt Ion:168 Resp: 1193121
 Ion Ratio Lower Upper
 168 100
 139 38.9 30.1 45.1
 169 13.8 10.9 16.3

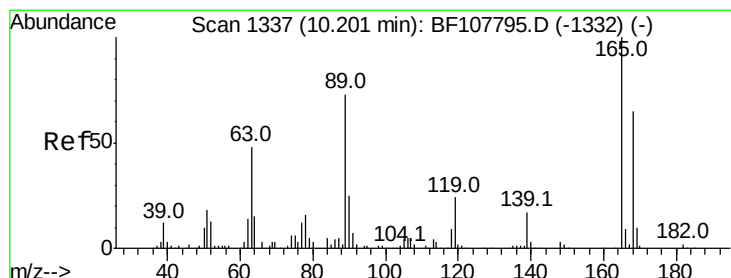
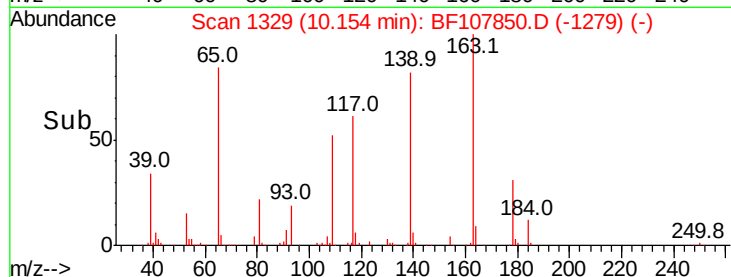
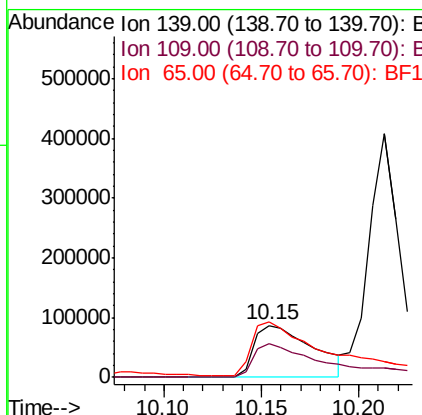
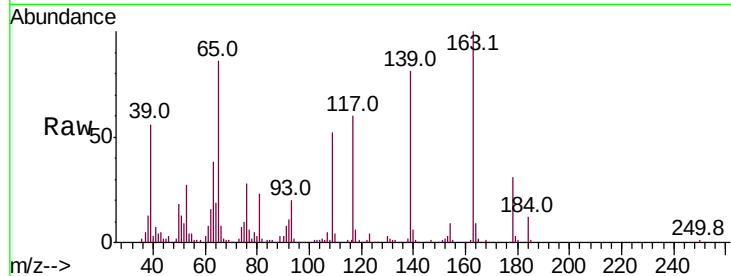




#55
4-Nitrophenol
Concen: 66.599 ng
RT: 10.15 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF107850.D
Acq: 31 Jul 2018 15:39

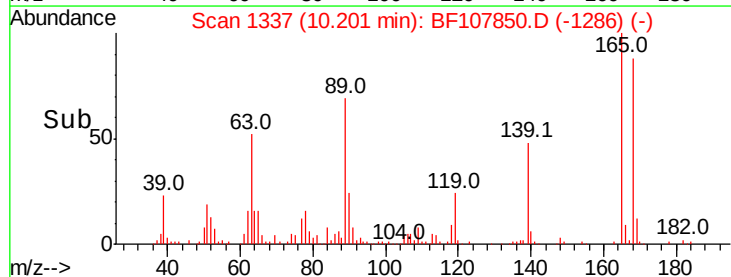
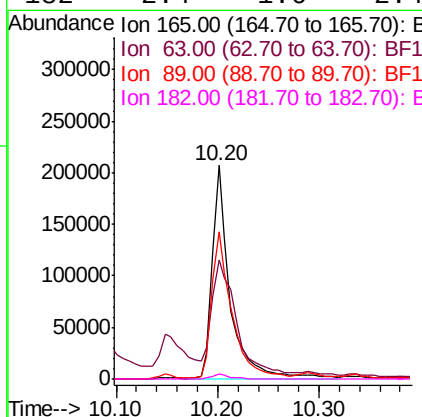
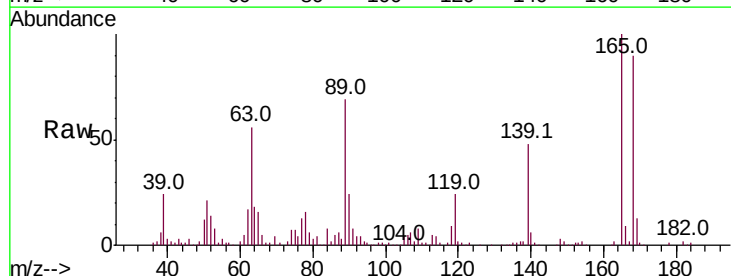
Instrument :
BNA_F
ClientSampleId :
PB111618BS

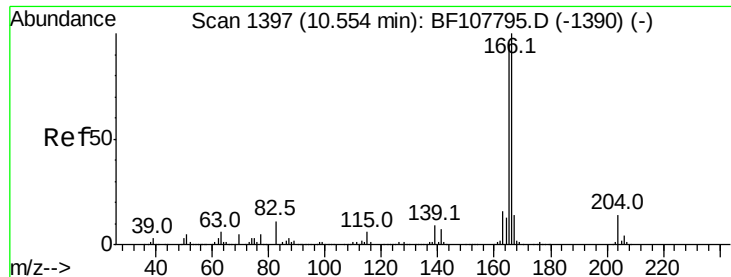
Tot Ion:139 Resp: 181332
Ion Ratio Lower Upper
139 100
109 64.3 48.4 88.4
65 105.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 40.734 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF107850.D
Acq: 31 Jul 2018 15:39

Tgt Ion:165 Resp: 252489
Ion Ratio Lower Upper
165 100
63 55.9 36.4 54.6#
89 69.1 57.8 86.6
182 2.4 1.6 2.4#

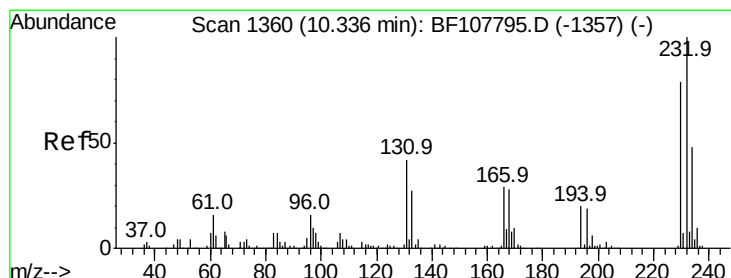
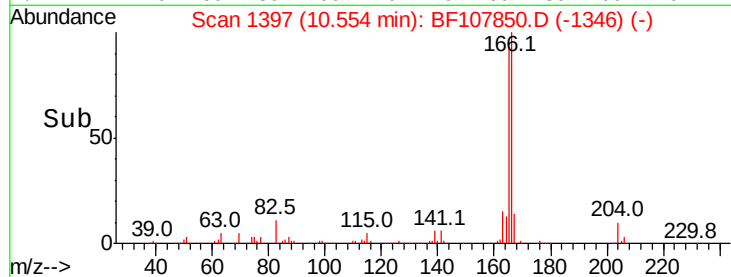
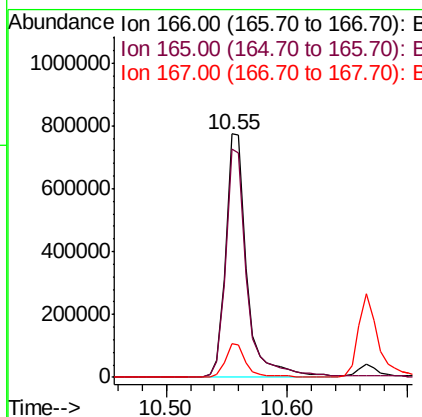
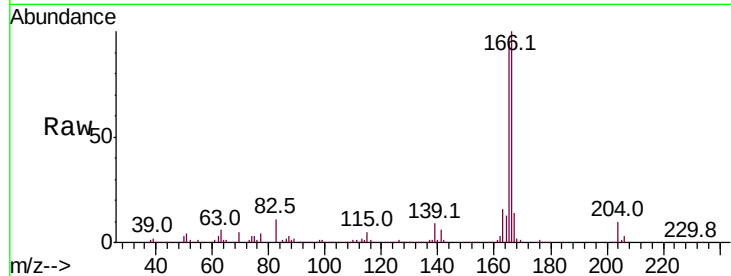




#57
 Fluorene
 Concen: 44.022 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF107850.D
 Acq: 31 Jul 2018 15:39

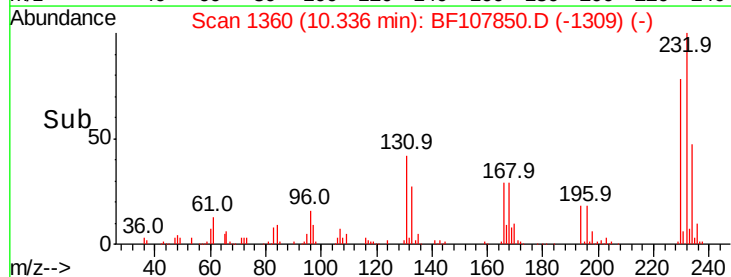
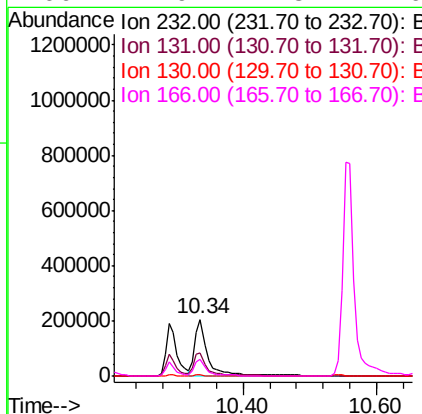
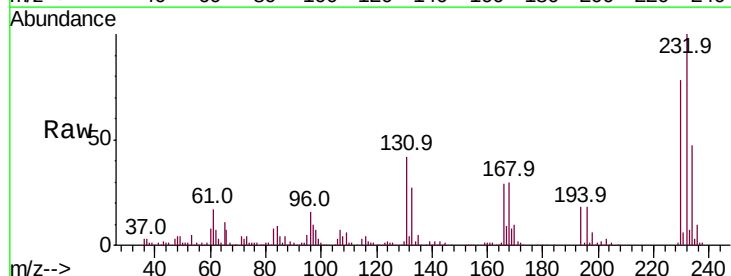
Instrument :
 BNA_F
 ClientSampleId :
 PB111618BS

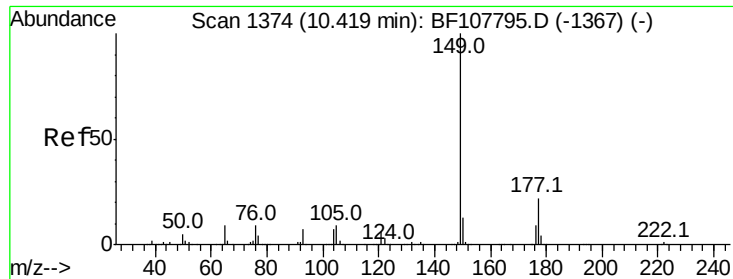
Tot Ion:166 Resp: 944344
 Ion Ratio Lower Upper
 166 100
 165 93.9 79.8 119.8
 167 14.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.697 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BF107850.D
 Acq: 31 Jul 2018 15:39

Tgt Ion:232 Resp: 269183
 Ion Ratio Lower Upper
 232 100
 131 39.6 43.8 65.8#
 130 1.9 2.1 3.1#
 166 24.9 27.8 41.6#

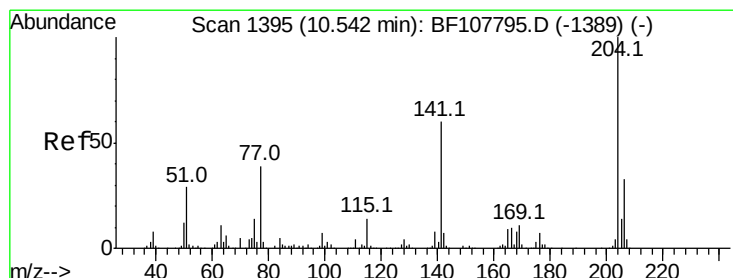
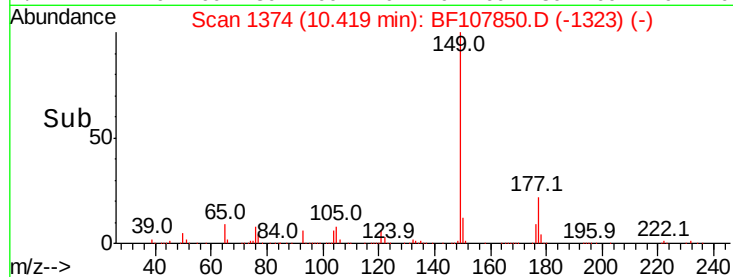
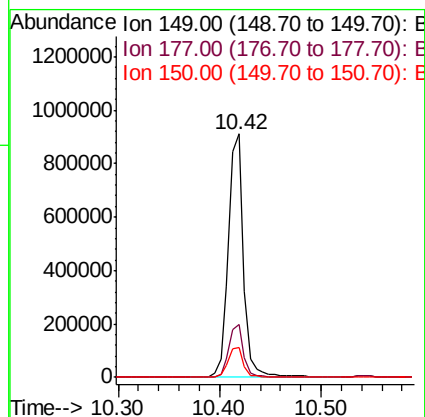
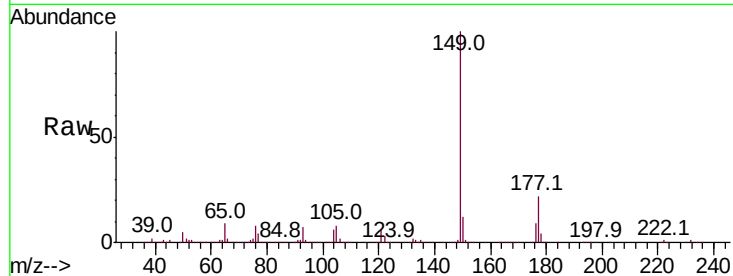




#59
Diethylphthalate
Concen: 40.837 ng
RT: 10.42 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BF107850.D
Acq: 31 Jul 2018 15:39

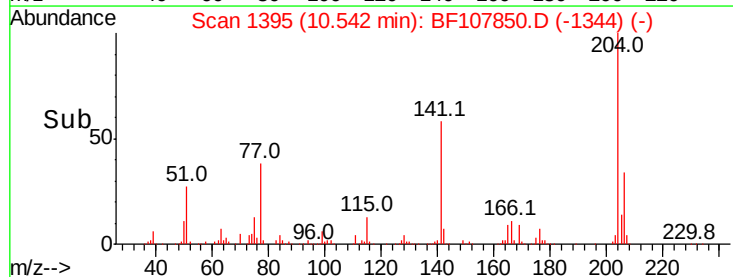
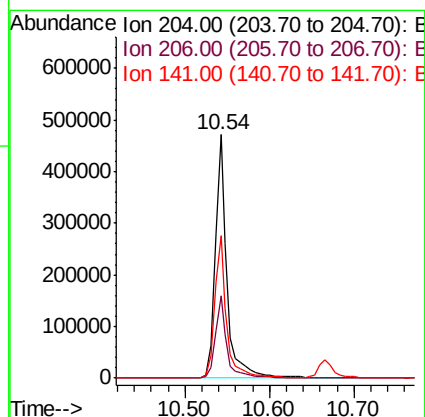
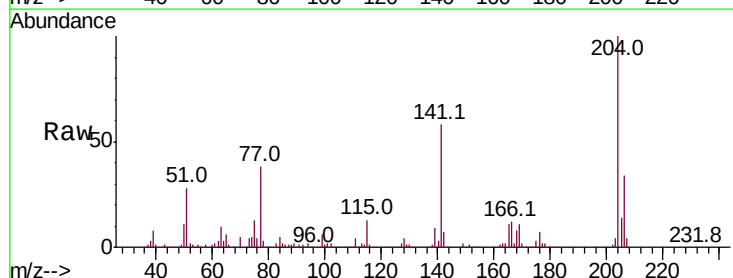
Instrument :
BNA_F
ClientSampleId :
PB111618BS

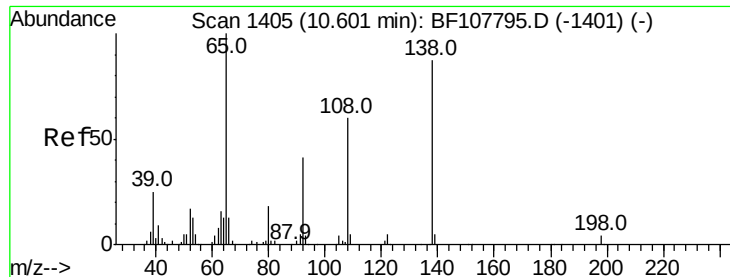
Tot Ion:149 Resp: 952827
Ion Ratio Lower Upper
149 100
177 21.9 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 40.220 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF107850.D
Acq: 31 Jul 2018 15:39

Tgt Ion:204 Resp: 470013
Ion Ratio Lower Upper
204 100
206 33.7 26.5 39.7
141 58.4 54.6 81.8

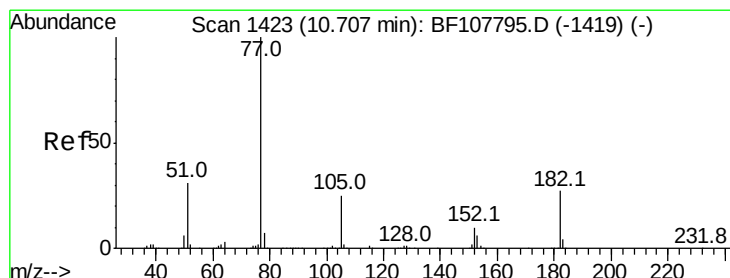
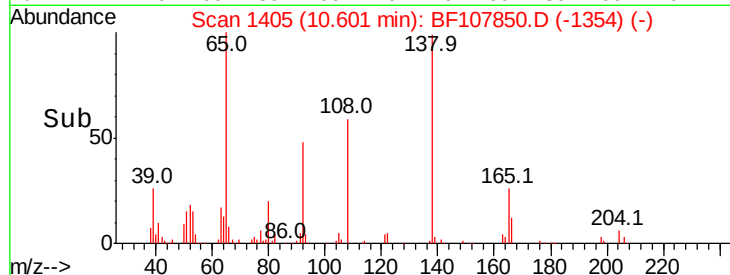
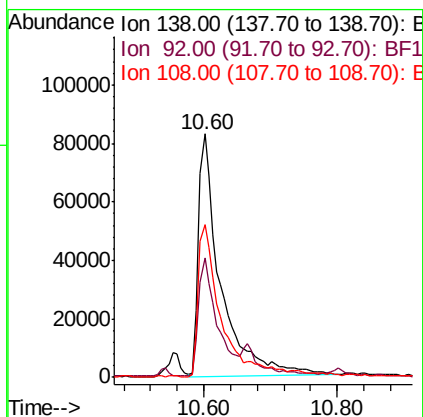
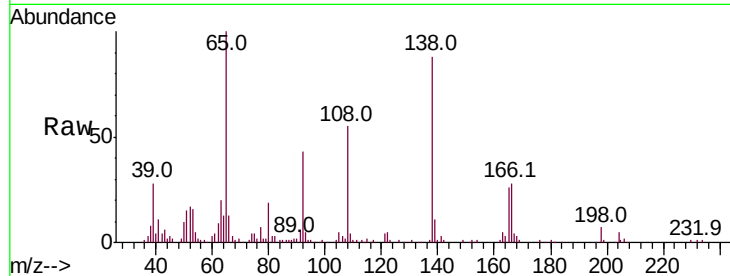




#61
4-Nitroaniline
Concen: 35.360 ng
RT: 10.60 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF107850.D
Acq: 31 Jul 2018 15:39

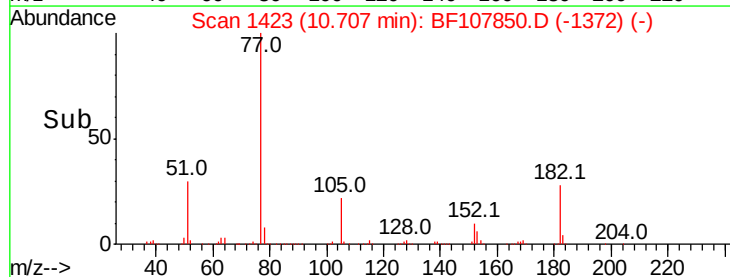
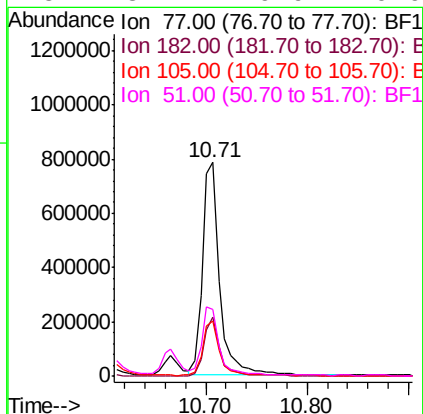
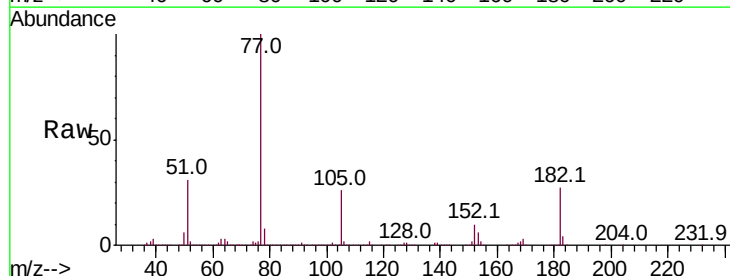
Instrument :
BNA_F
ClientSampleId :
PB111618BS

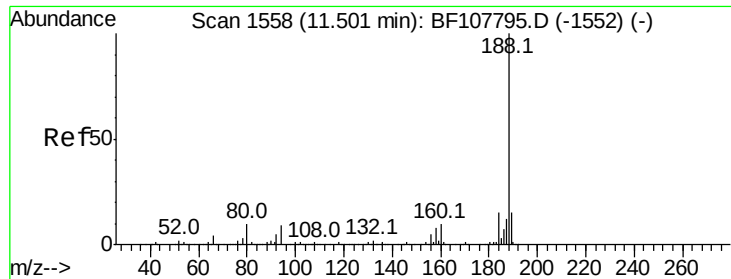
Tot Ion:138 Resp: 186482
Ion Ratio Lower Upper
138 100
92 49.1 30.2 70.2
108 62.9 52.5 92.5



#62
Azobenzene
Concen: 42.265 ng
RT: 10.71 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF107850.D
Acq: 31 Jul 2018 15:39

Tgt Ion: 77 Resp: 918417
Ion Ratio Lower Upper
77 100
182 27.4 1.7 41.7
105 25.8 3.0 43.0
51 31.4 9.9 49.9

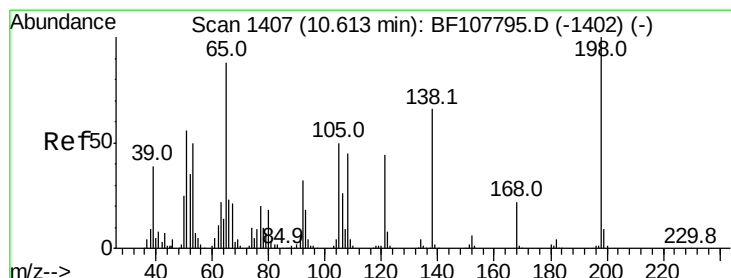
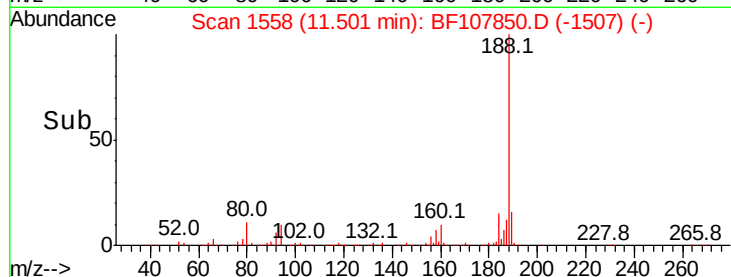
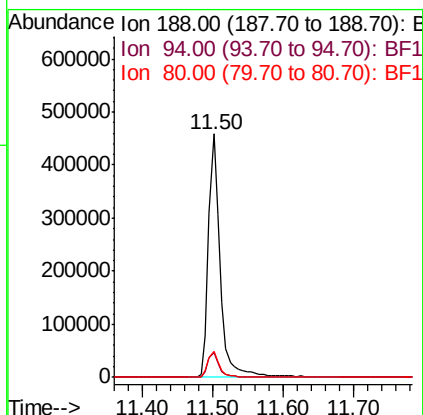
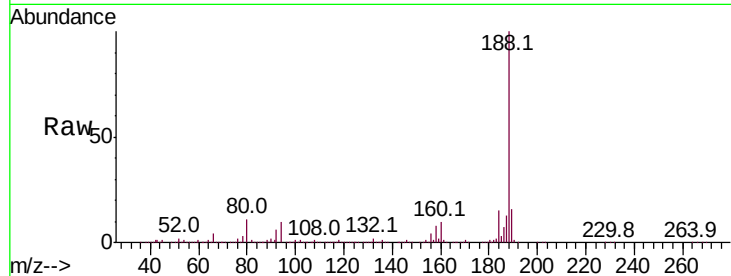




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107850.D
Acq: 31 Jul 2018 15:39

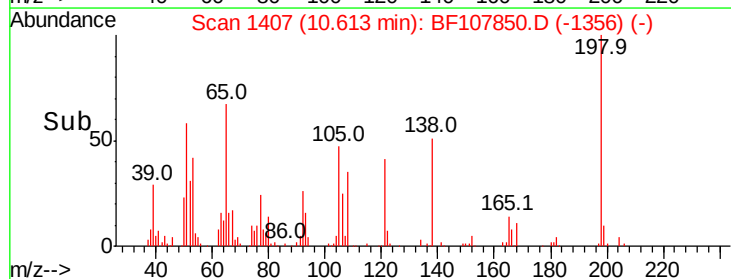
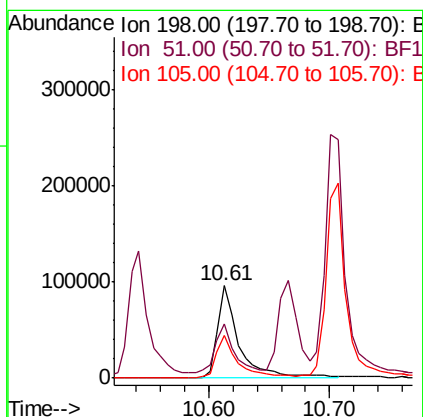
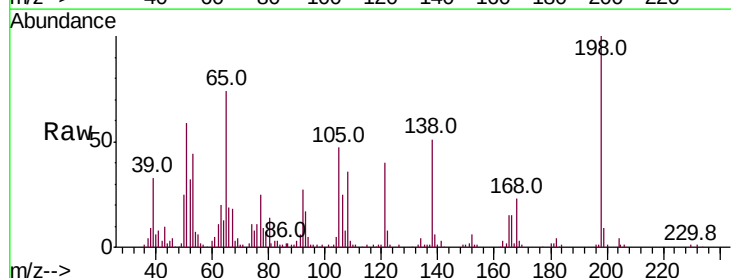
Instrument :
BNA_F
ClientSampleId :
PB111618BS

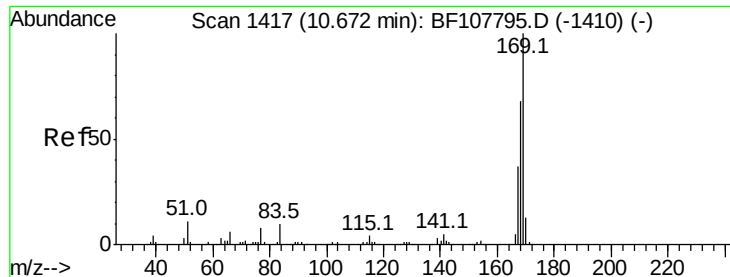
Tot Ion:188 Resp: 531951
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 40.442 ng
RT: 10.61 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF107850.D
Acq: 31 Jul 2018 15:39

Tgt Ion:198 Resp: 117037
Ion Ratio Lower Upper
198 100
51 58.6 37.7 77.7
105 46.5 36.3 76.3

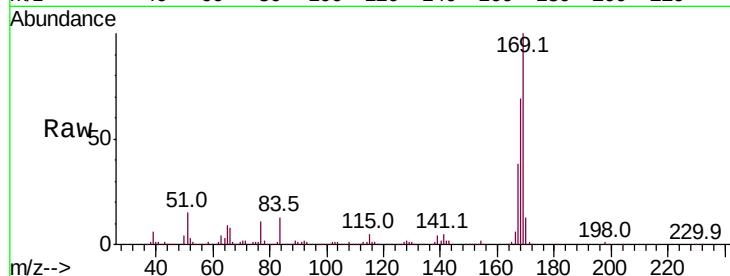




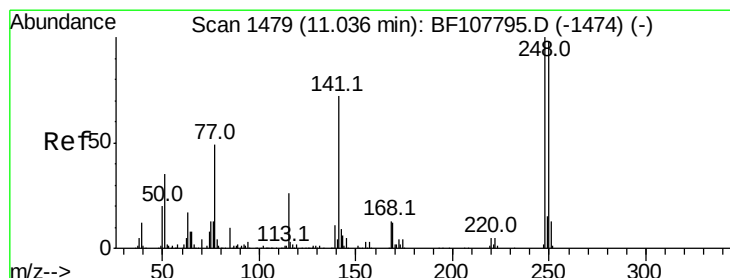
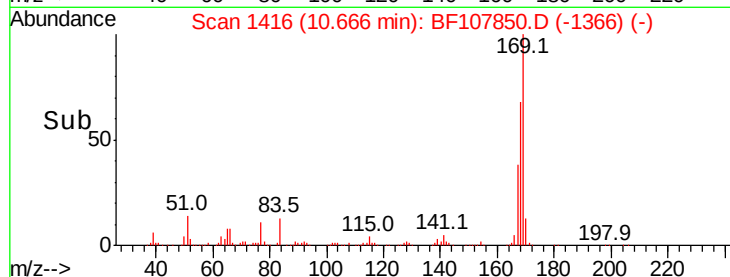
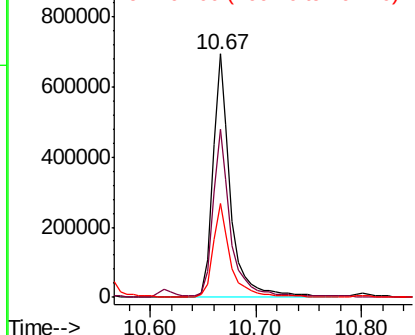
#65
n-Nitrosodiphenylamine
Concen: 46.249 ng
RT: 10.67 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF107850.D
Acq: 31 Jul 2018 15:39

Instrument :
BNA_F
ClientSampleId :
PB111618BS

Tot Ion:169 Resp: 810088
Ion Ratio Lower Upper
169 100
168 68.8 54.4 81.6
167 38.4 29.8 44.6

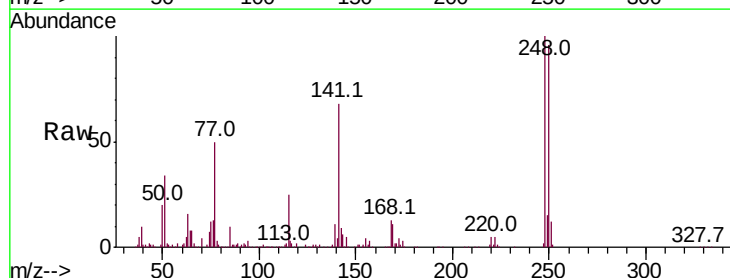


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

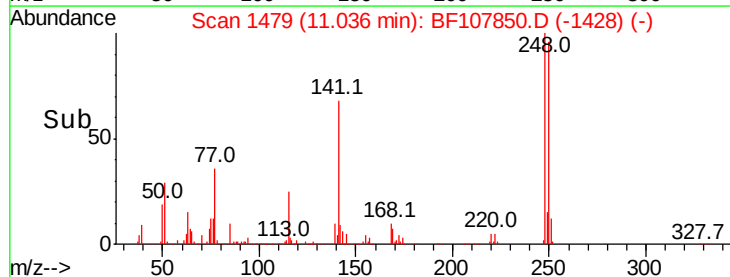
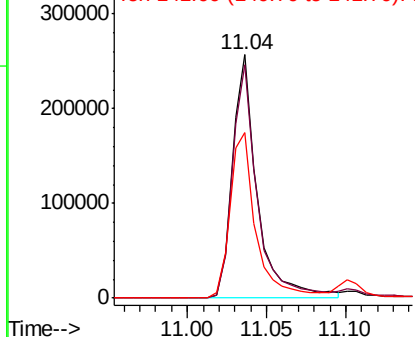


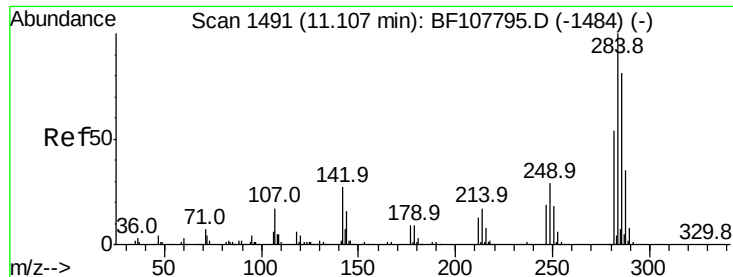
#66
4-Bromophenyl-phenylether
Concen: 44.965 ng
RT: 11.04 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF107850.D
Acq: 31 Jul 2018 15:39

Tgt Ion:248 Resp: 278792
Ion Ratio Lower Upper
248 100
250 96.1 76.9 115.3
141 68.2 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: 43.777 ng

RT: 11.10 min Scan# 1490

Delta R.T. -0.01 min

Lab File: BF107850.D

Acq: 31 Jul 2018 15:39

Instrument :

BNA_F

ClientSampleId :

PB111618BS

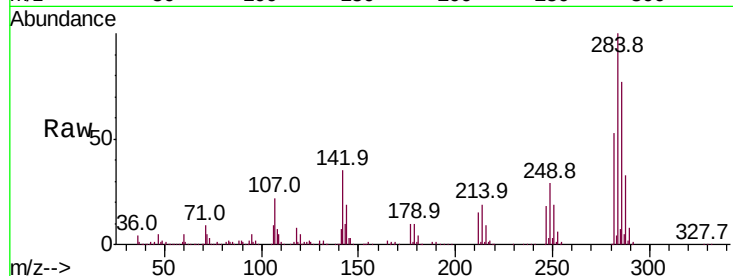
Tot Ion:284 Resp: 300982

Ion Ratio Lower Upper

284 100

142 34.5 34.6 52.0#

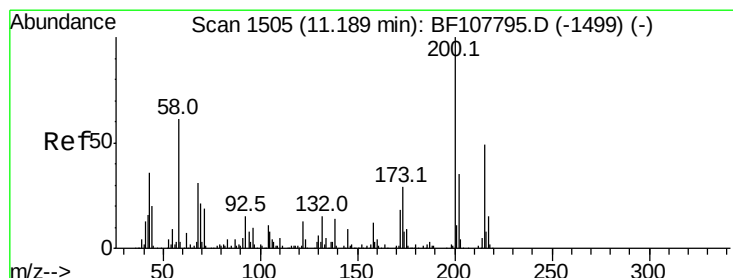
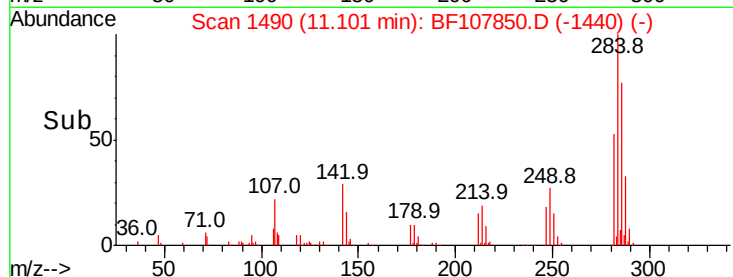
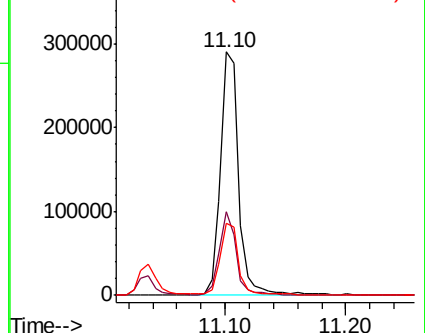
249 29.4 24.8 37.2



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: 42.956 ng

RT: 11.19 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BF107850.D

Acq: 31 Jul 2018 15:39

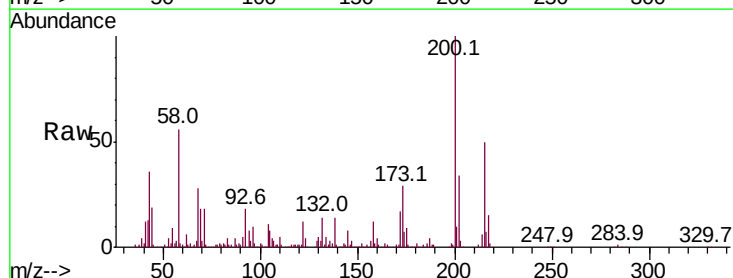
Tgt Ion:200 Resp: 222686

Ion Ratio Lower Upper

200 100

173 28.7 8.6 48.6

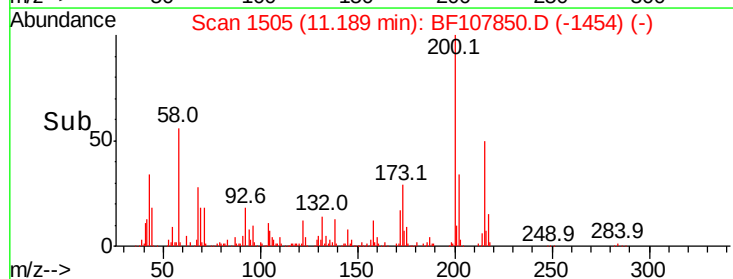
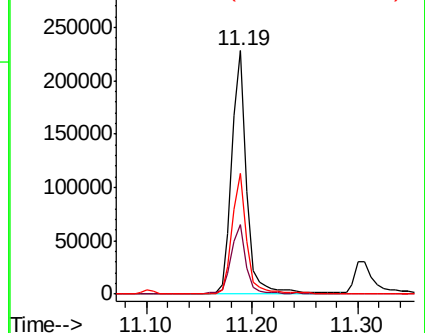
215 49.6 25.1 65.1

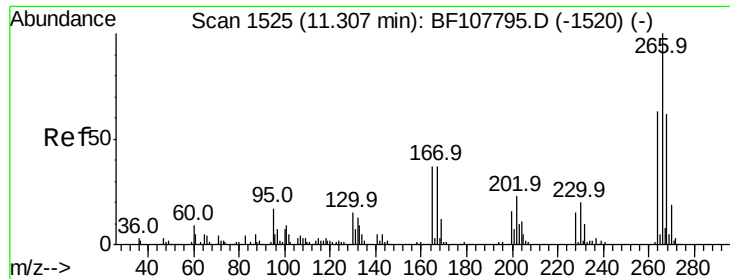


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 74.008 ng

RT: 11.31 min Scan# 1525

Delta R.T. 0.00 min

Lab File: BF107850.D

Acq: 31 Jul 2018 15:39

Instrument :

BNA_F

ClientSampleId :

PB111618BS

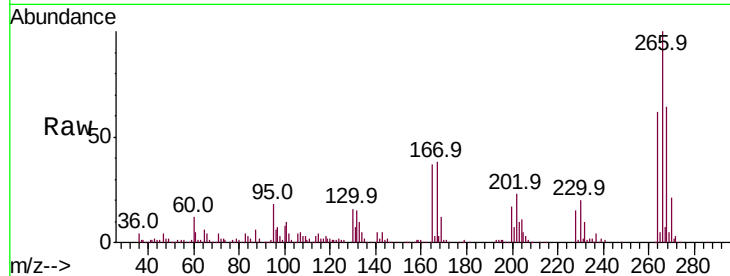
Tot Ion:266 Resp: 250487

Ion Ratio Lower Upper

266 100

268 64.4 51.1 76.7

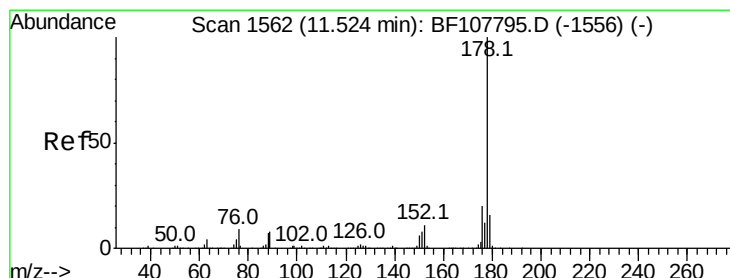
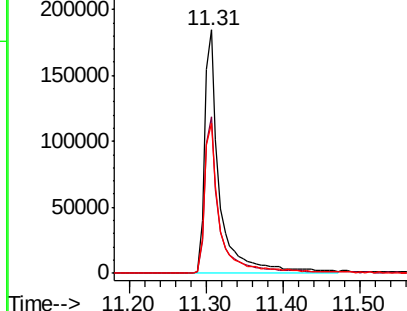
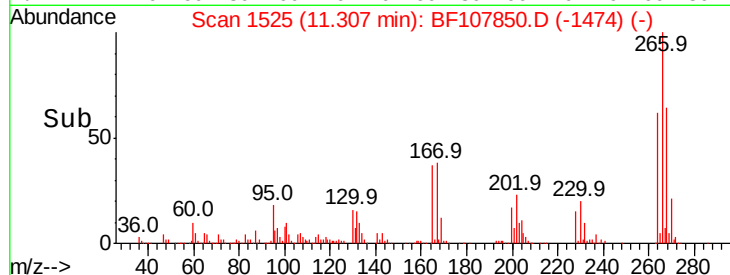
264 61.8 49.5 74.3



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: 47.421 ng

RT: 11.52 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF107850.D

Acq: 31 Jul 2018 15:39

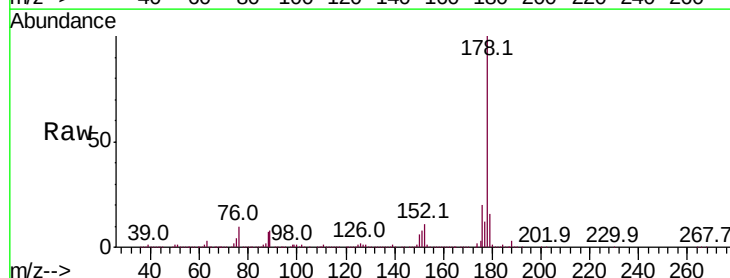
Tgt Ion:178 Resp: 1197790

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

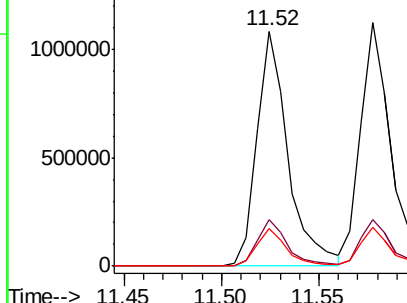
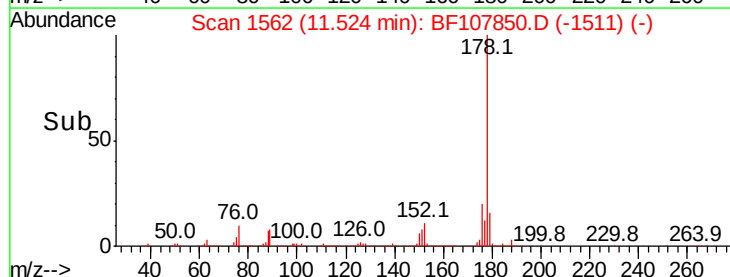
179 16.0 13.0 19.6

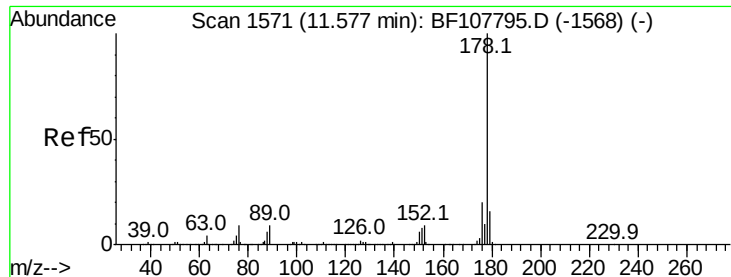


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



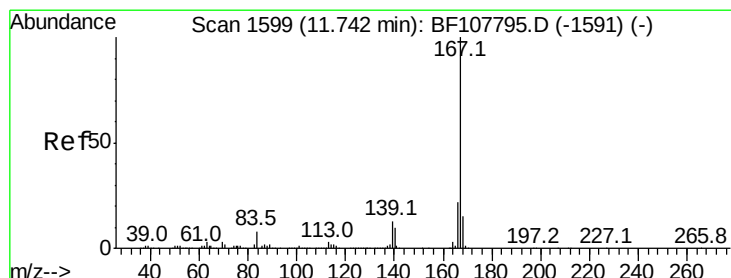
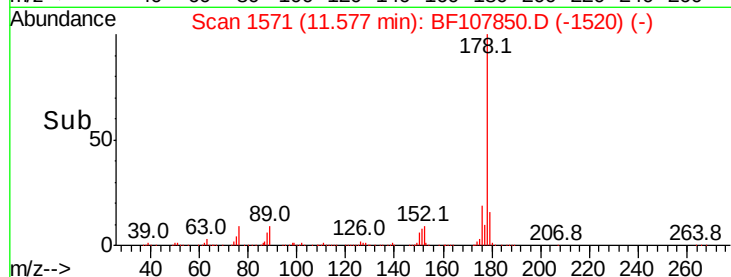
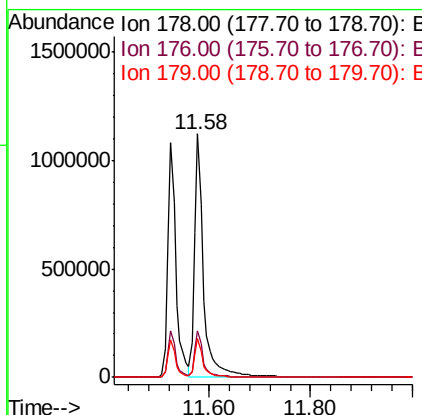
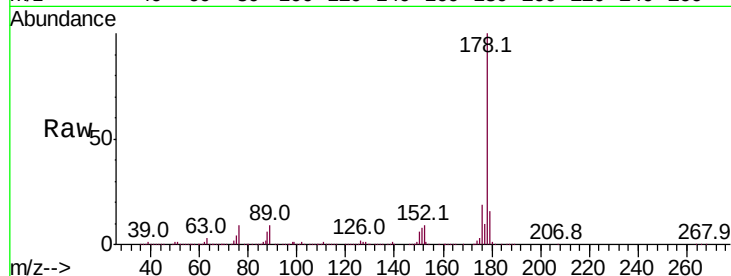


#71
 Anthracene
 Concen: 47.502 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF107850.D
 Acq: 31 Jul 2018 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB111618BS

Tot Ion:178 Resp: 1383922

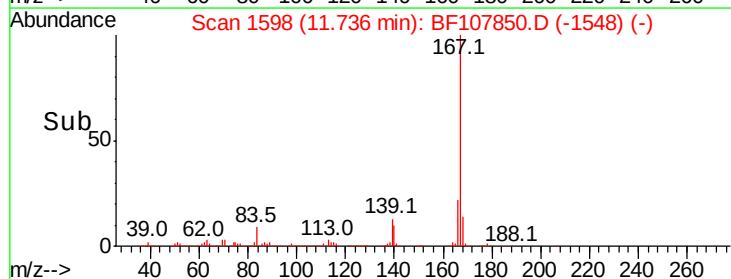
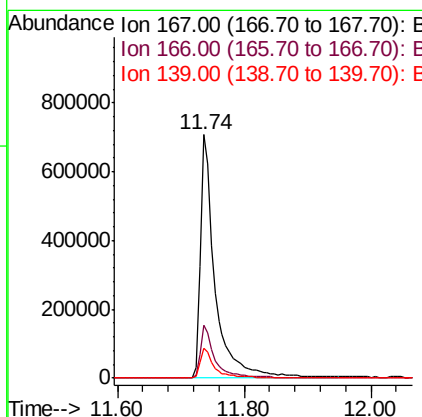
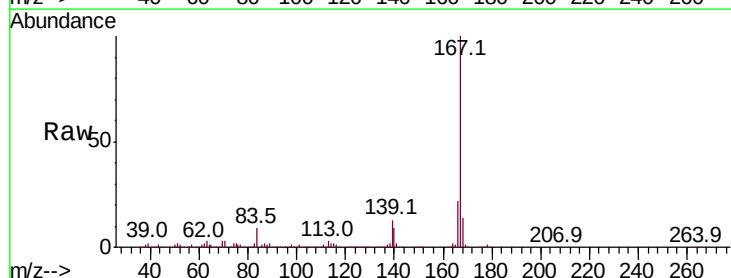
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.9	12.6	19.0

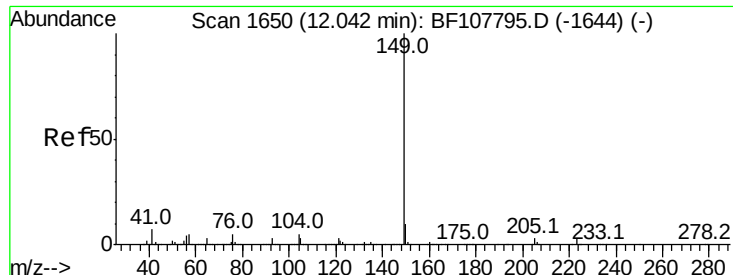


#72
 Carbazole
 Concen: 39.316 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF107850.D
 Acq: 31 Jul 2018 15:39

Tgt Ion:167 Resp: 1131956

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	12.5	10.9	16.3

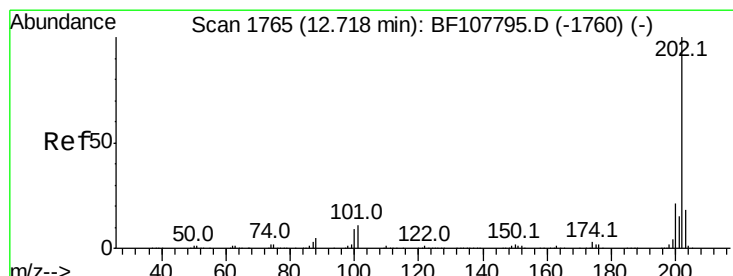
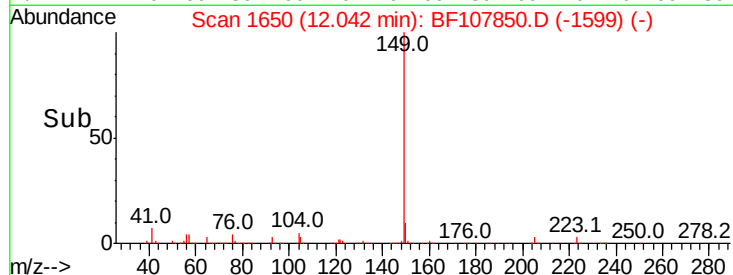
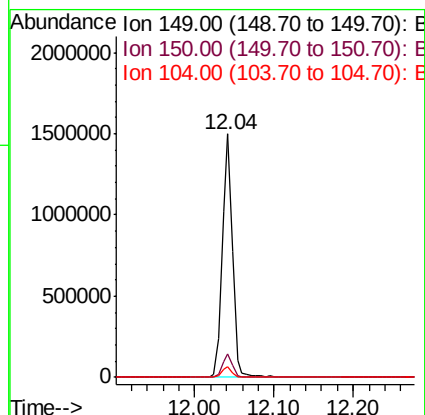
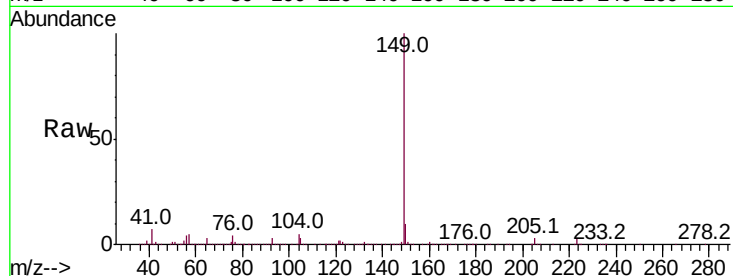




#73
Di-n-butylphthalate
Concen: 42.667 ng
RT: 12.04 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BF107850.D
Acq: 31 Jul 2018 15:39

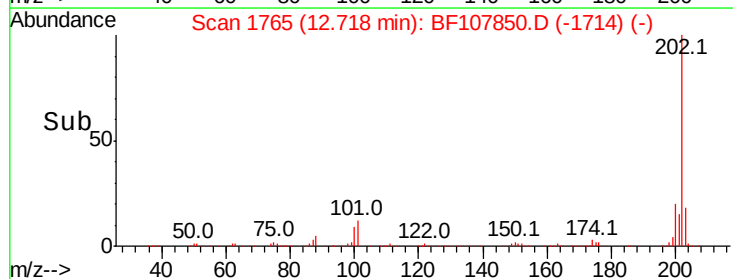
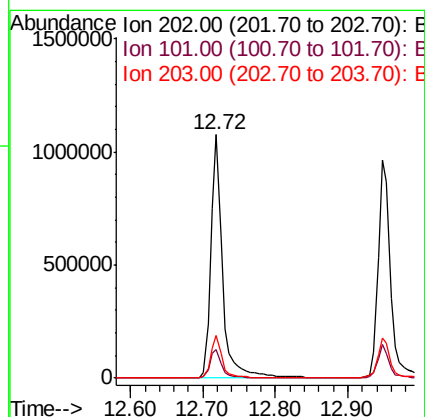
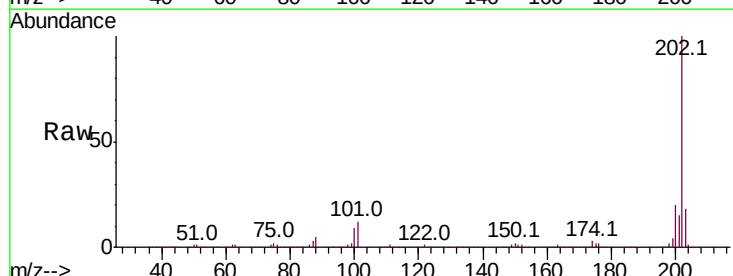
Instrument :
BNA_F
ClientSampleId :
PB111618BS

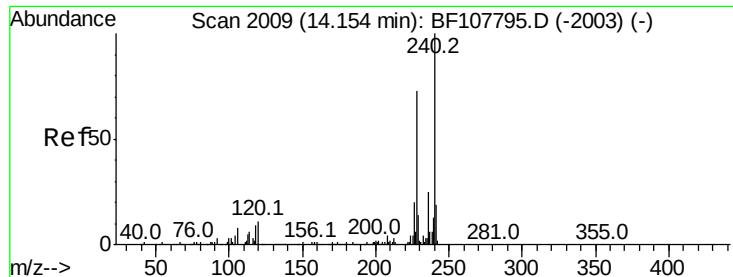
Tot Ion:149 Resp: 1340172
Ion Ratio Lower Upper
149 100
150 9.8 7.8 11.6
104 4.6 3.8 5.8



#74
Fluoranthene
Concen: 40.426 ng
RT: 12.72 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF107850.D
Acq: 31 Jul 2018 15:39

Tgt Ion:202 Resp: 1199585
Ion Ratio Lower Upper
202 100
101 11.7 0.0 34.1
203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF107850.D

Acq: 31 Jul 2018 15:39

Instrument :

BNA_F

ClientSampleId :

PB111618BS

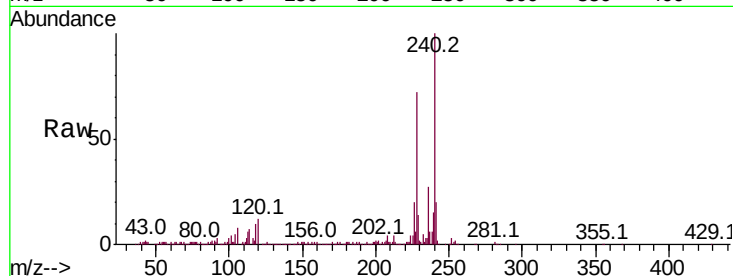
Tot Ion:240 Resp: 321499

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

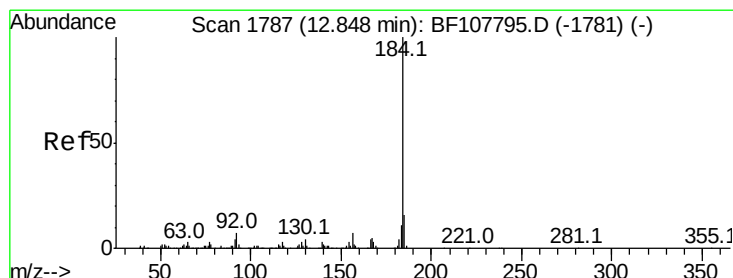
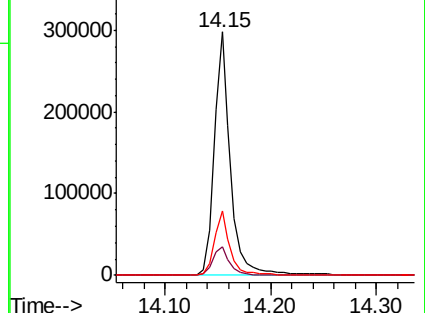
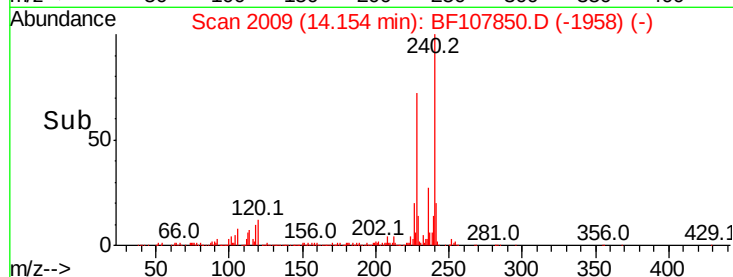
236 26.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 44.631 ng

RT: 12.85 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF107850.D

Acq: 31 Jul 2018 15:39

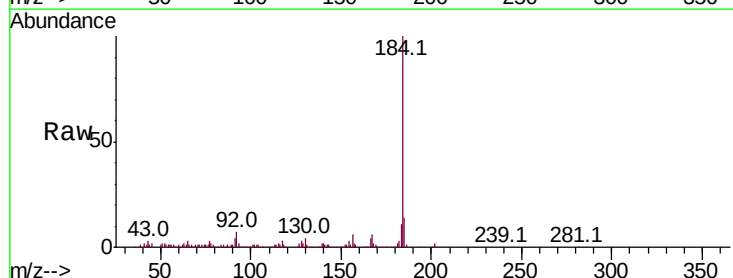
Tgt Ion:184 Resp: 463932

Ion Ratio Lower Upper

184 100

185 13.7 12.6 18.8

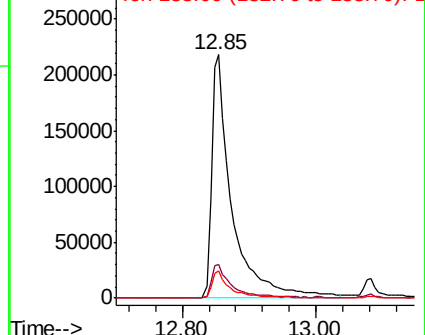
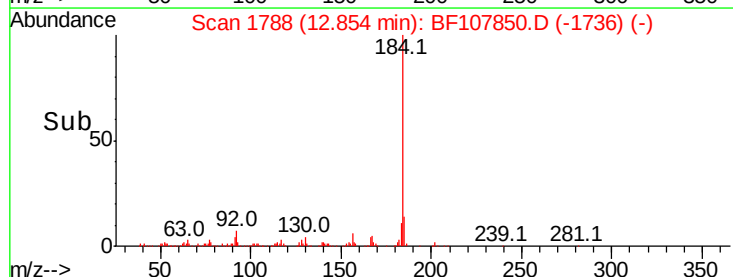
183 11.2 9.3 13.9

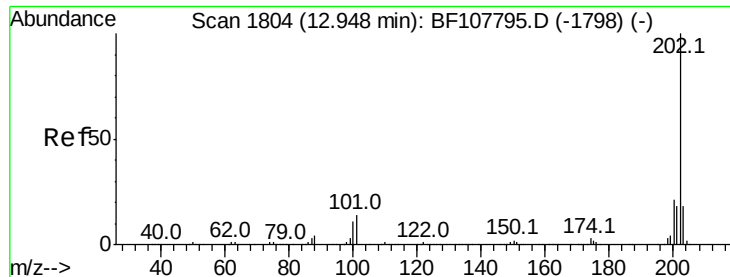


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



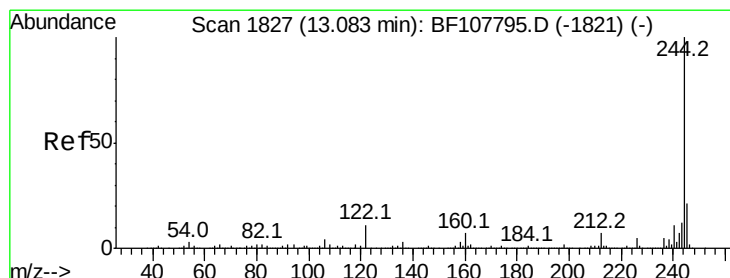
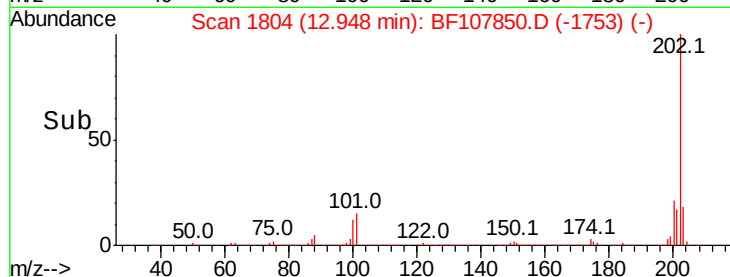
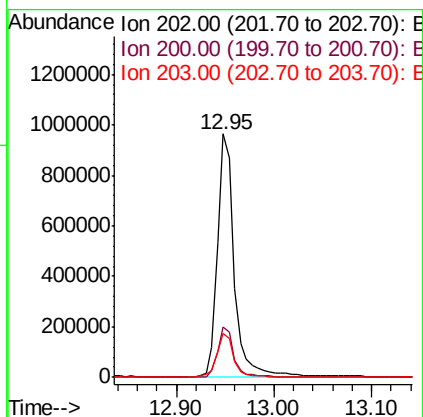
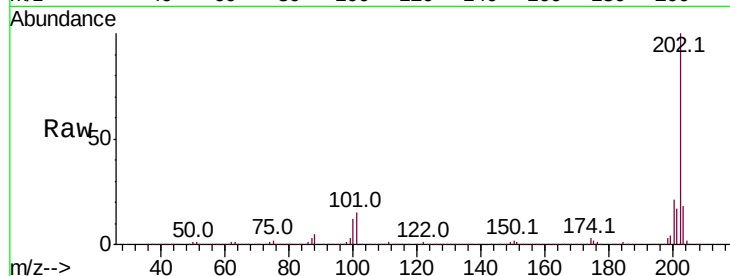


#77
 Pvrene
 Concen: 49.802 ng
 RT: 12.95 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: BF107850.D
 Acq: 31 Jul 2018 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB111618BS

Tot Ion:202 Resp: 1152952

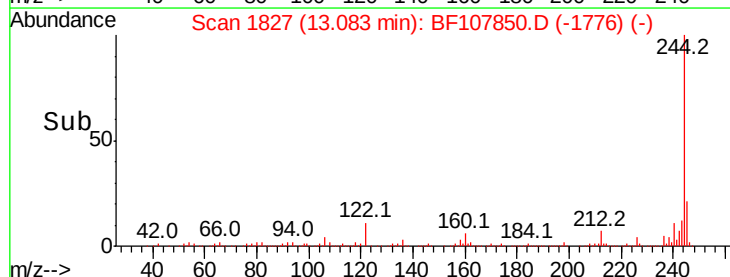
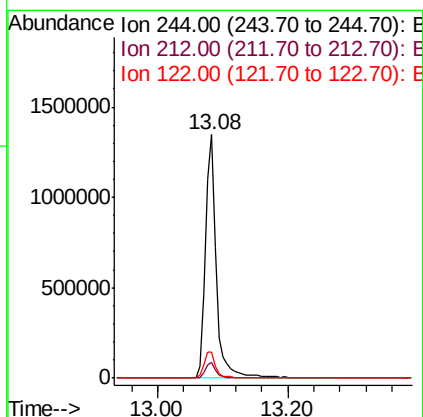
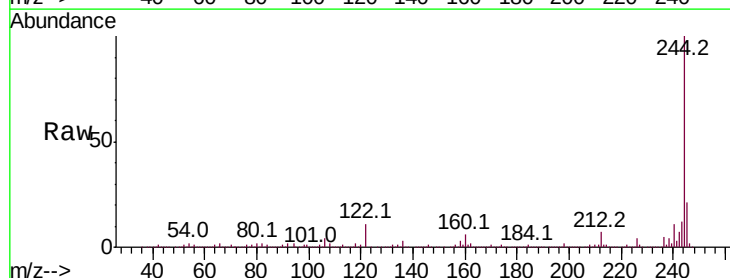
Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	18.2	14.3	21.5

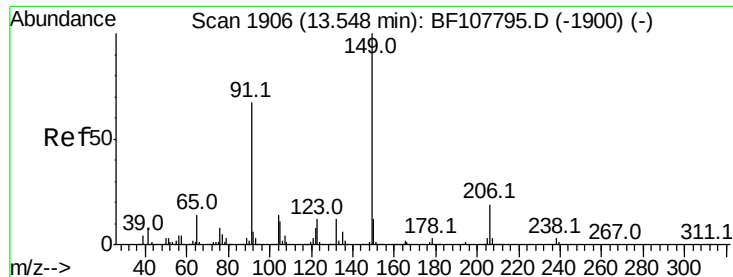


#78
 Terphenyl-d14
 Concen: 105.841 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF107850.D
 Acq: 31 Jul 2018 15:39

Tgt Ion:244 Resp: 1569228

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.9	11.0	16.4

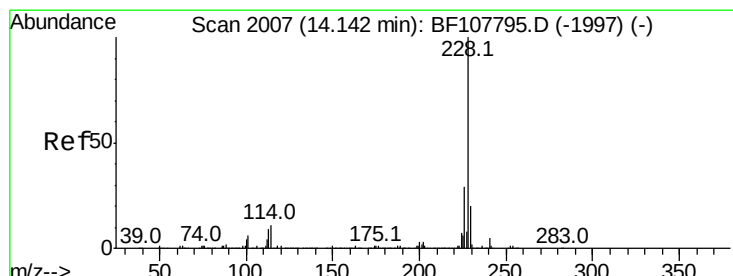
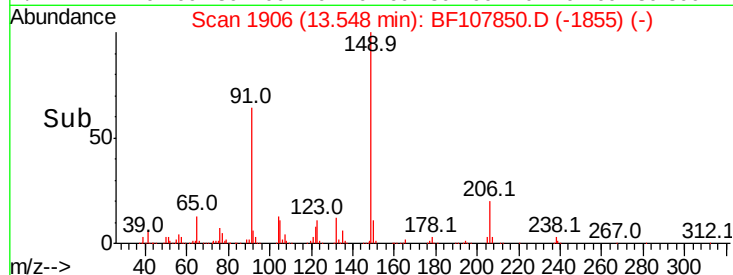
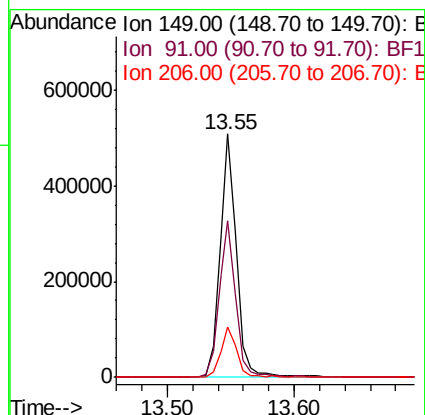
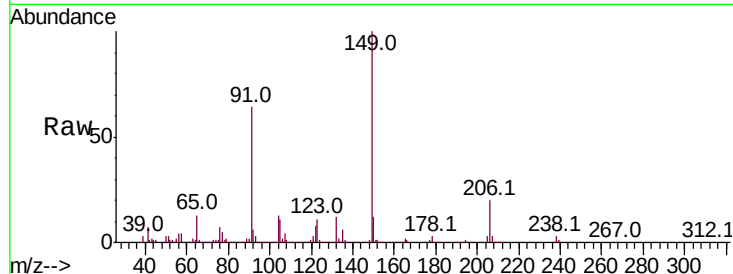




#79
 Butylbenzylphthalate
 Concen: 45.582 ng
 RT: 13.55 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BF107850.D
 Acq: 31 Jul 2018 15:39

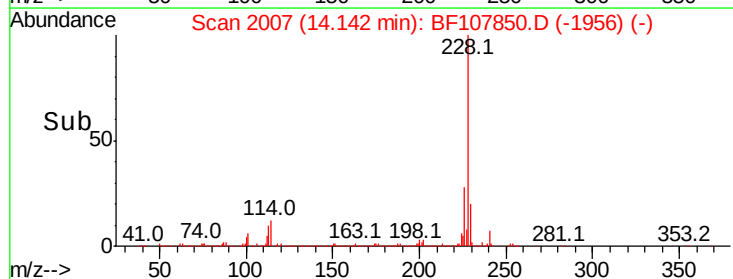
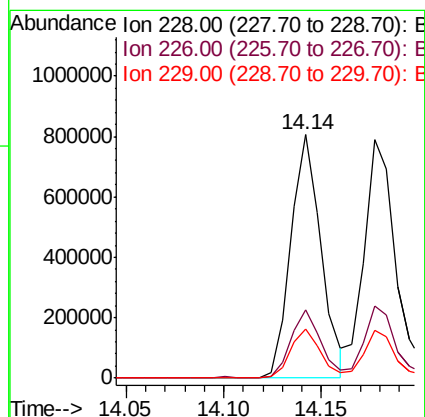
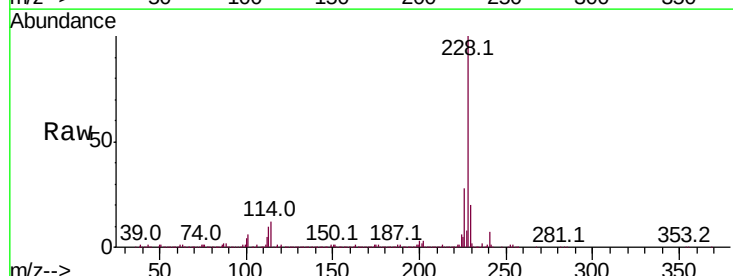
Instrument :
 BNA_F
 ClientSampleId :
 PB111618BS

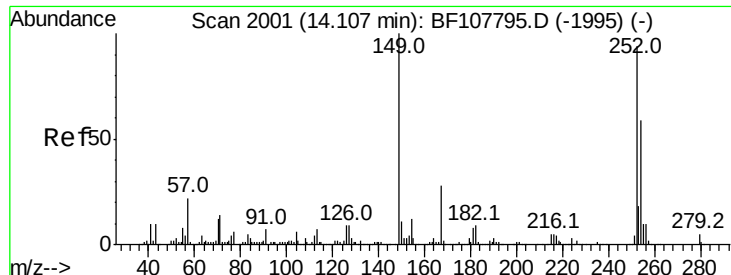
Tot Ion	Ratio	Lower	Upper
149	100		
91	64.2	56.8	85.2
206	20.5	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 47.544 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BF107850.D
 Acq: 31 Jul 2018 15:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	19.9	15.8	23.6

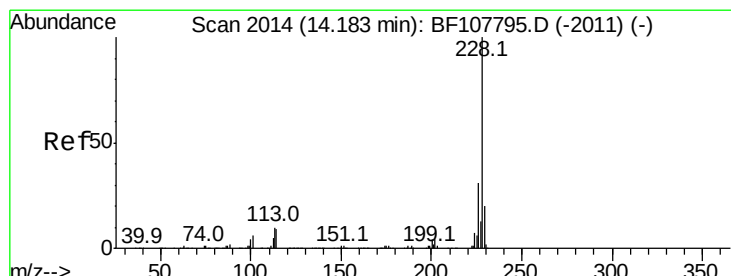
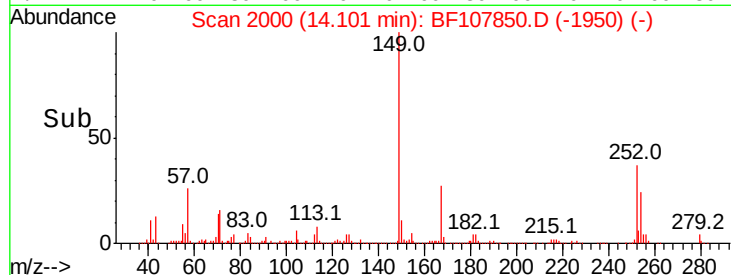
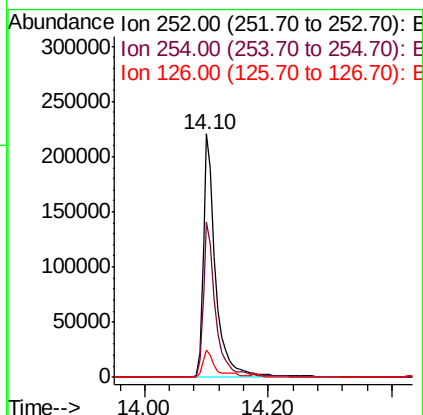
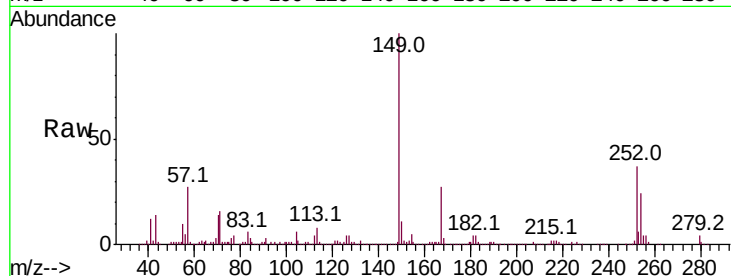




#81
 3,3'-Dichlorobenzidine
 Concen: 44.182 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF107850.D
 Acq: 31 Jul 2018 15:39

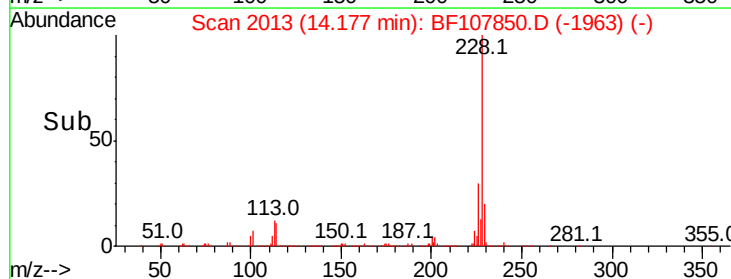
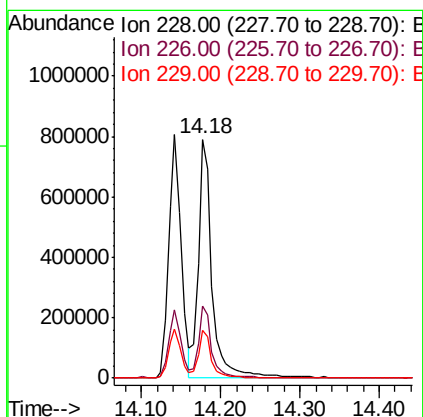
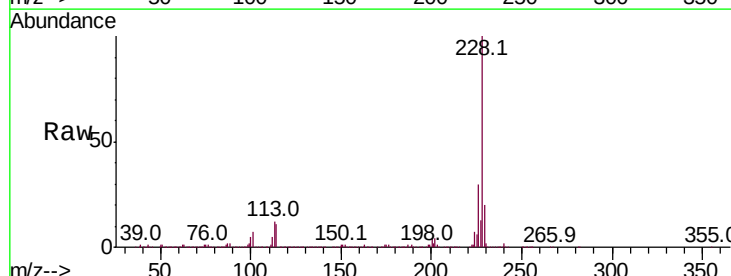
Instrument :
 BNA_F
 ClientSampleId :
 PB111618BS

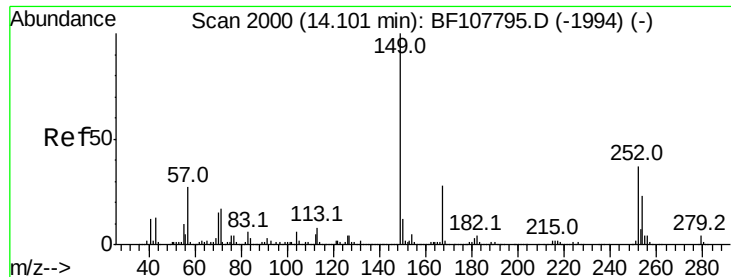
Tot Ion:252 Resp: 311913
 Ion Ratio Lower Upper
 252 100
 254 64.0 50.4 75.6
 126 11.5 11.3 16.9



#82
 Chrysene
 Concen: 48.797 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF107850.D
 Acq: 31 Jul 2018 15:39

Tgt Ion:228 Resp: 958535
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.0 37.6
 229 19.9 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.799 ng

RT: 14.09 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF107850.D

Acq: 31 Jul 2018 15:39

Instrument :

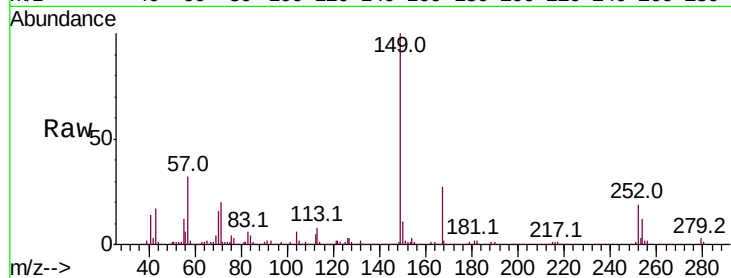
BNA_F

ClientSampleId :

PB111618BS

Tot Ion:149 Resp: 596440

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	3.4	3.0	4.4

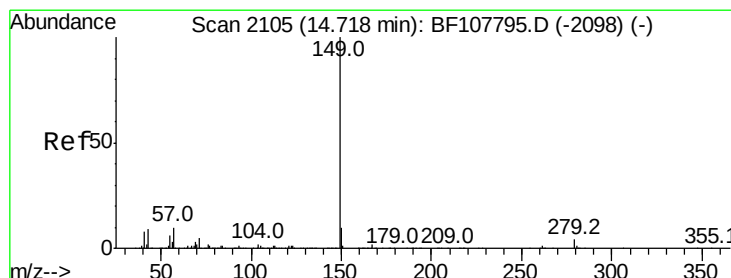
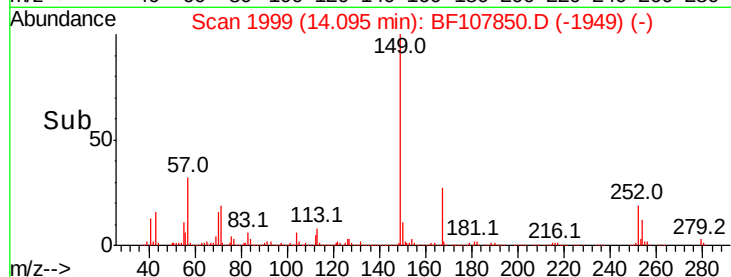
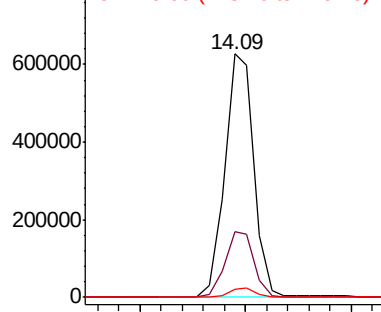


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 52.653 ng

RT: 14.72 min Scan# 2105

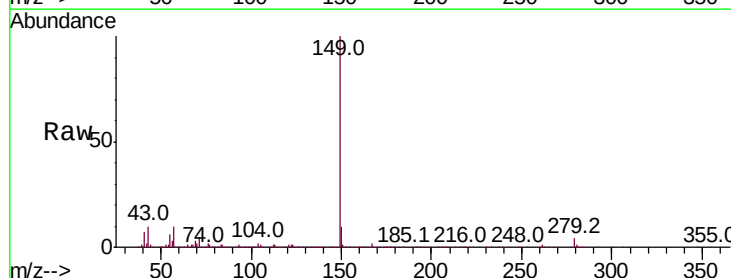
Delta R.T. -0.00 min

Lab File: BF107850.D

Acq: 31 Jul 2018 15:39

Tgt Ion:149 Resp: 1077113

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.5	8.4	12.6

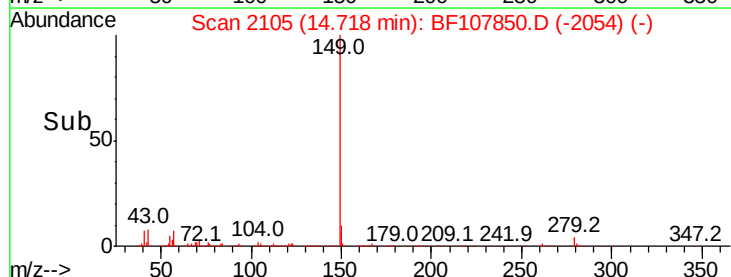
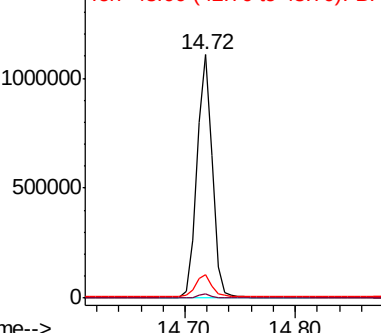


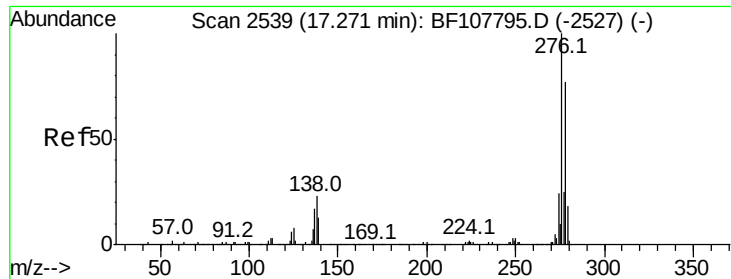
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



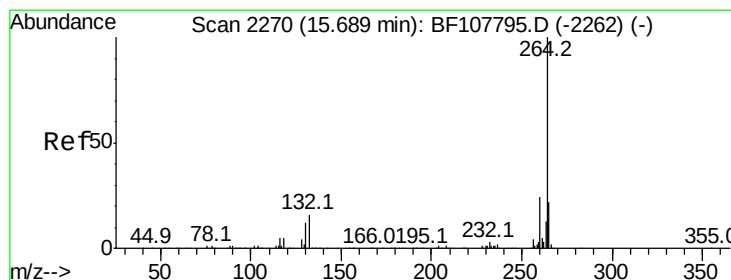
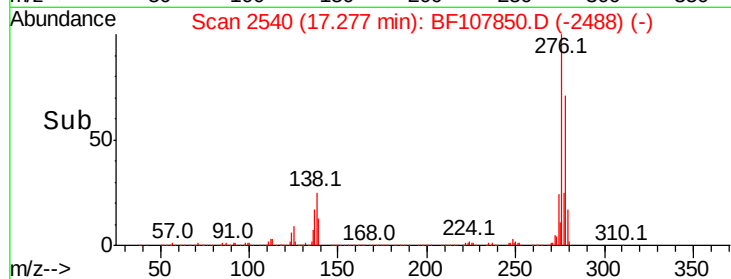
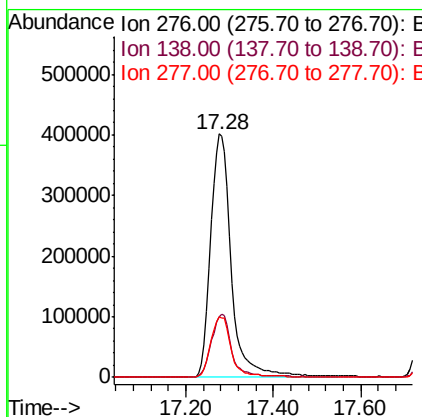
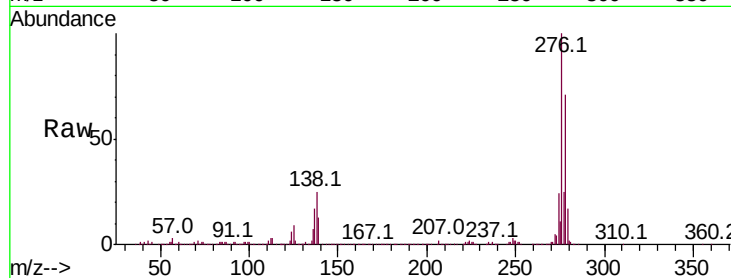


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 89.115 ng
 RT: 17.28 min Scan# 2540
 Delta R.T. 0.01 min
 Lab File: BF107850.D
 Acq: 31 Jul 2018 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB111618BS

Tot Ion:276 Resp: 1331490

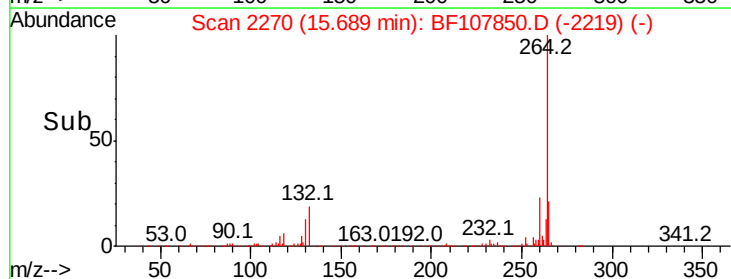
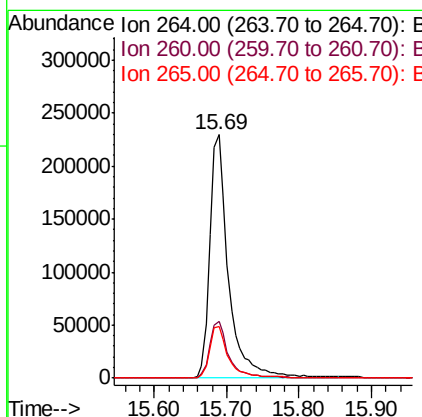
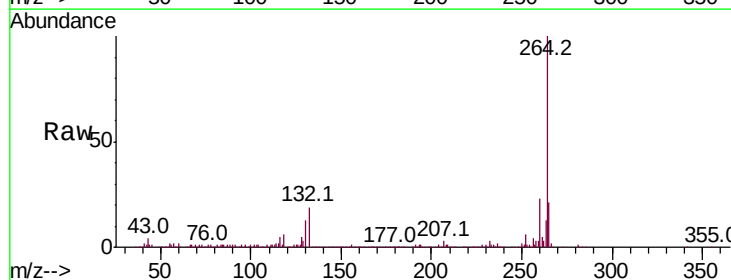
Ion	Ratio	Lower	Upper
276	100		
138	25.6	25.0	37.6
277	24.9	20.1	30.1

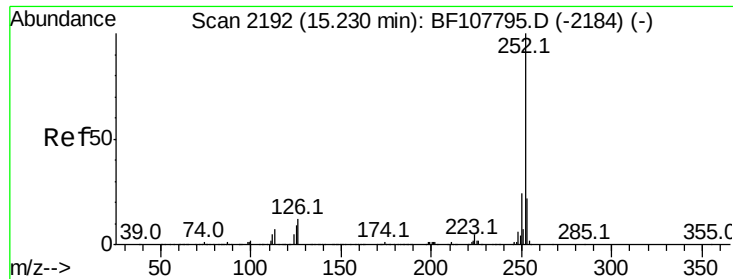


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: BF107850.D
 Acq: 31 Jul 2018 15:39

Tgt Ion:264 Resp: 415459

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.4	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 43.005 ng

RT: 15.23 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BF107850.D

Acq: 31 Jul 2018 15:39

Instrument :

BNA_F

ClientSampleId :

PB111618BS

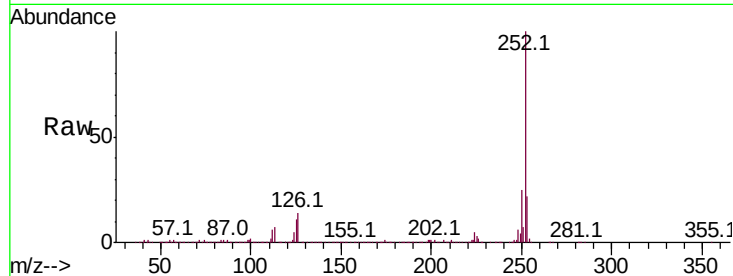
Tot Ion:252 Resp: 881182

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

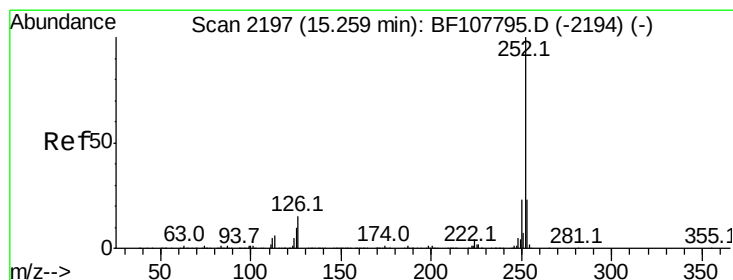
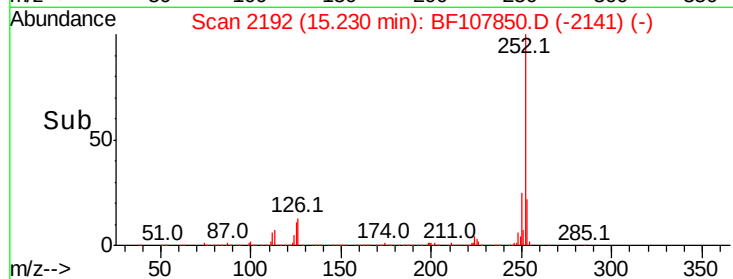
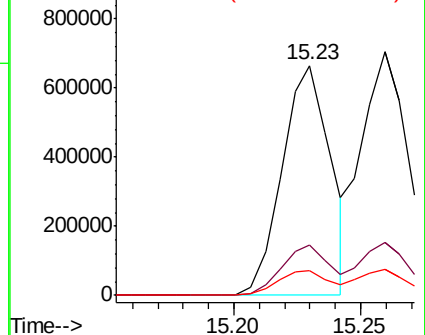
125 10.9 9.0 13.6



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: 42.092 ng

RT: 15.26 min Scan# 2197

Delta R.T. 0.00 min

Lab File: BF107850.D

Acq: 31 Jul 2018 15:39

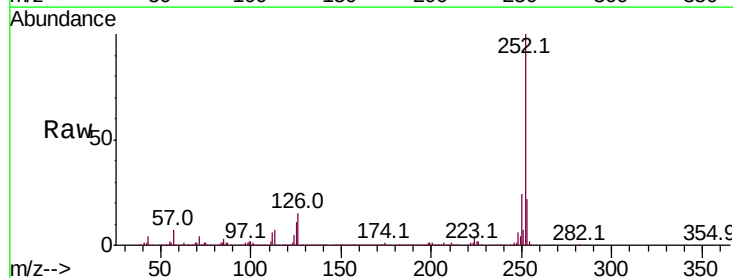
Tgt Ion:252 Resp: 1058904

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

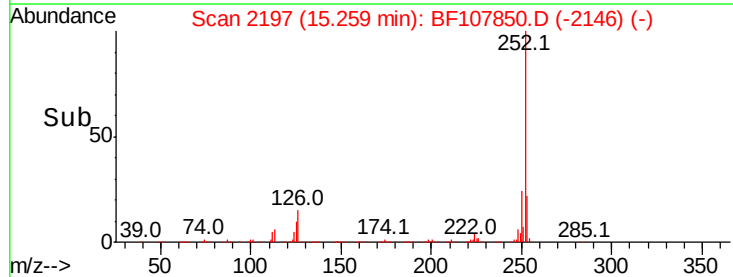
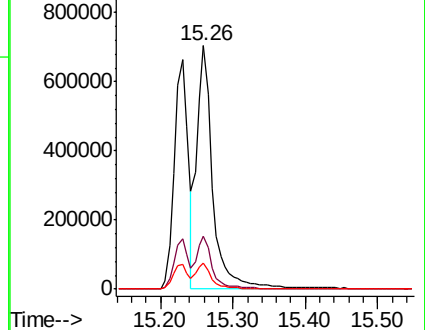
125 10.5 10.2 15.2

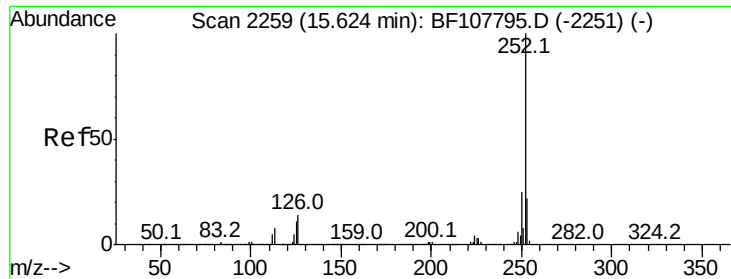


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 47.604 ng

RT: 15.62 min Scan# 2259

Delta R.T. 0.00 min

Lab File: BF107850.D

Acq: 31 Jul 2018 15:39

Instrument :

BNA_F

ClientSampleId :

PB111618BS

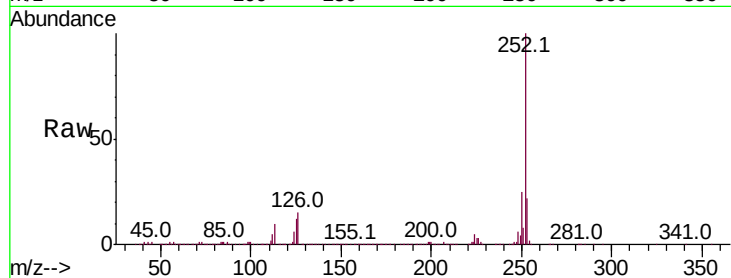
Tot Ion:252 Resp: 1006973

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

125 12.5 9.8 14.6

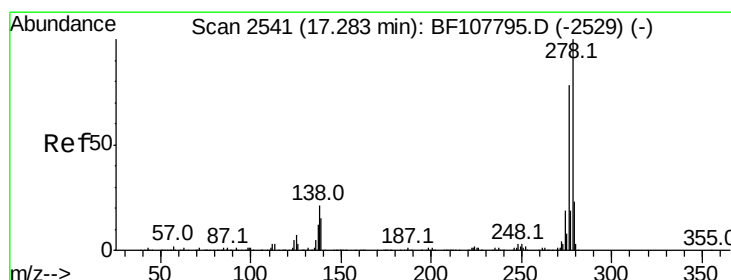
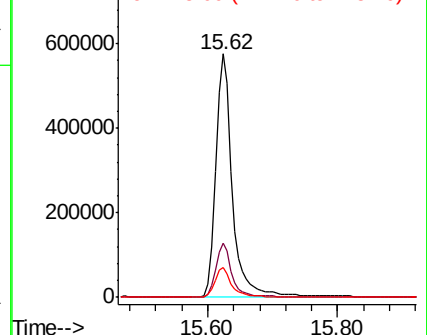
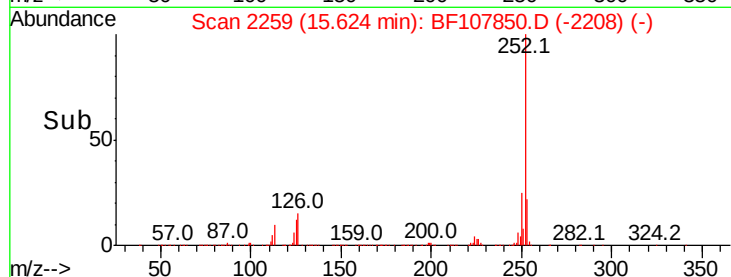


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 59.308 ng

RT: 17.29 min Scan# 2542

Delta R.T. 0.01 min

Lab File: BF107850.D

Acq: 31 Jul 2018 15:39

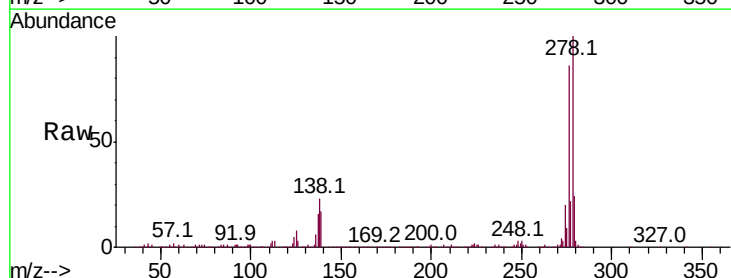
Tgt Ion:278 Resp: 1094328

Ion Ratio Lower Upper

278 100

139 17.3 15.9 23.9

279 24.0 19.0 28.4

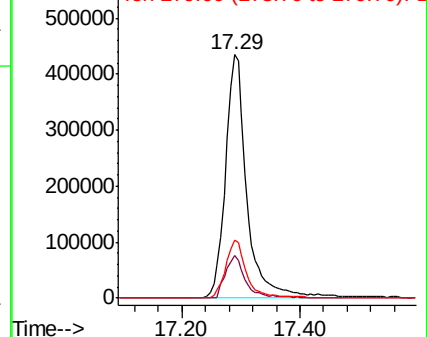
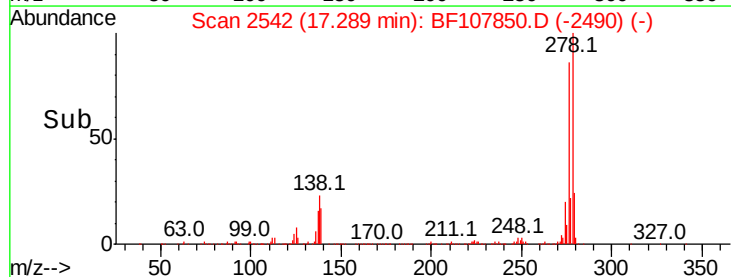


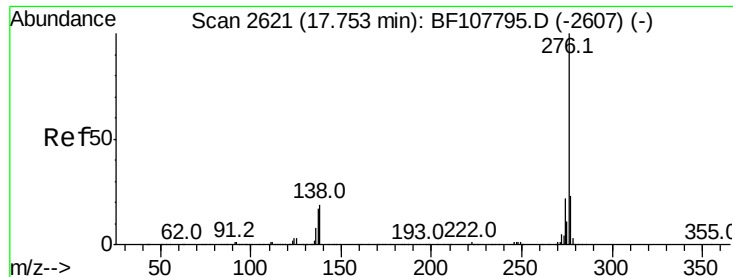
Abundance

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(a,h,i)perylene

Concen: 63.654 ng

RT: 17.76 min Scan# 2622

Delta R.T. 0.01 min

Lab File: BF107850.D

Acq: 31 Jul 2018 15:39

Instrument :

BNA_F

ClientSampleId :

PB111618BS

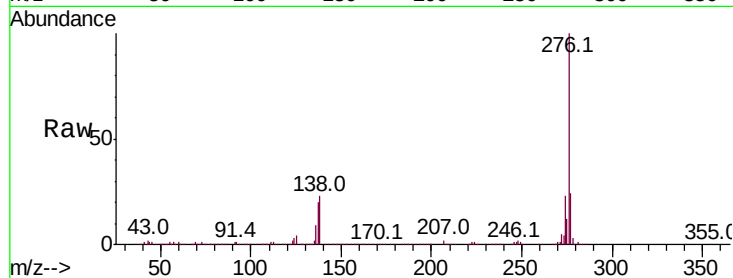
Tot Ion:276 Resp: 1136471

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 23.2 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

