

Data File : BF108873.D
Acq On : 7 Sep 2018 20:54
Operator : JU/SJ
Sample : PB112683BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112683BS

Quant Time: Sep 07 23:24:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	223115	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	834151	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	379704	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	623474	20.00	ng	0.00
75) Chrysene-d12	13.87	240	397887	20.00	ng	0.00
86) Perylene-d12	15.28	264	499279	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1215797	90.27	ng	0.02
7) Phenol-d6	6.38	99	1580487	91.21	ng	0.01
23) Nitrobenzene-d5	7.30	82	1416891	106.30	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	349580	96.44	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2302702	103.46	ng	0.00
78) Terphenyl-d14	12.83	244	1705146	99.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	240811	37.206	ng	94
3) Pyridine	3.20	79	735577	41.498	ng	90
4) n-Nitrosodimethylamine	3.14	42	327508	48.106	ng	# 91
6) Aniline	6.40	93	786599	33.751	ng	96
8) 2-Chlorophenol	6.52	128	677627	45.457	ng	98
9) Benzaldehyde	6.28	77	386375	31.430	ng	99
10) Phenol	6.39	94	835301	42.086	ng	85
11) bis(2-Chloroethyl)ether	6.48	93	660716	41.556	ng	97
12) 1,3-Dichlorobenzene	6.68	146	714800	42.019	ng	99
13) 1,4-Dichlorobenzene	6.75	146	721627	42.419	ng	99
14) 1,2-Dichlorobenzene	6.91	146	663210	42.296	ng	97
15) Benzyl Alcohol	6.88	79	601302	45.217	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1012226	42.591	ng	97
17) 2-Methylphenol	7.00	107	567704	45.063	ng	98
18) Hexachloroethane	7.25	117	245733	40.061	ng	97
19) n-Nitroso-di-n-propylamine	7.16	70	483525	40.143	ng	99
20) 3+4-Methylphenols	7.15	107	640888	43.428	ng	# 68
22) Acetophenone	7.15	105	876302	46.289	ng	# 90
24) Nitrobenzene	7.32	77	714901	49.987	ng	98
25) Isophorone	7.57	82	1344326	50.563	ng	99
26) 2-Nitrophenol	7.64	139	309074	54.854	ng	99
27) 2,4-Dimethylphenol	7.68	122	619398	54.134	ng	98
28) bis(2-Chloroethoxy)methane	7.78	93	857693	48.250	ng	99
29) 2,4-Dichlorophenol	7.88	162	567923	48.137	ng	96
30) 1,2,4-Trichlorobenzene	7.97	180	572593	44.783	ng	97
31) Naphthalene	8.04	128	1847307	49.224	ng	98
32) Benzoic acid	7.80	122	216113	31.692	ng	98
33) 4-Chloroaniline	8.09	127	399719	23.191	ng	98
34) Hexachlorobutadiene	8.17	225	341580	44.719	ng	98
35) Caprolactam	8.47	113	136059	34.033	ng	# 81
36) 4-Chloro-3-methylphenol	8.58	107	593599	47.230	ng	98
37) 2-Methylnaphthalene	8.74	142	1229867	49.605	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	545926	48.097	ng	98
40) Hexachlorocyclopentadiene	8.90	237	311245	54.507	ng	97

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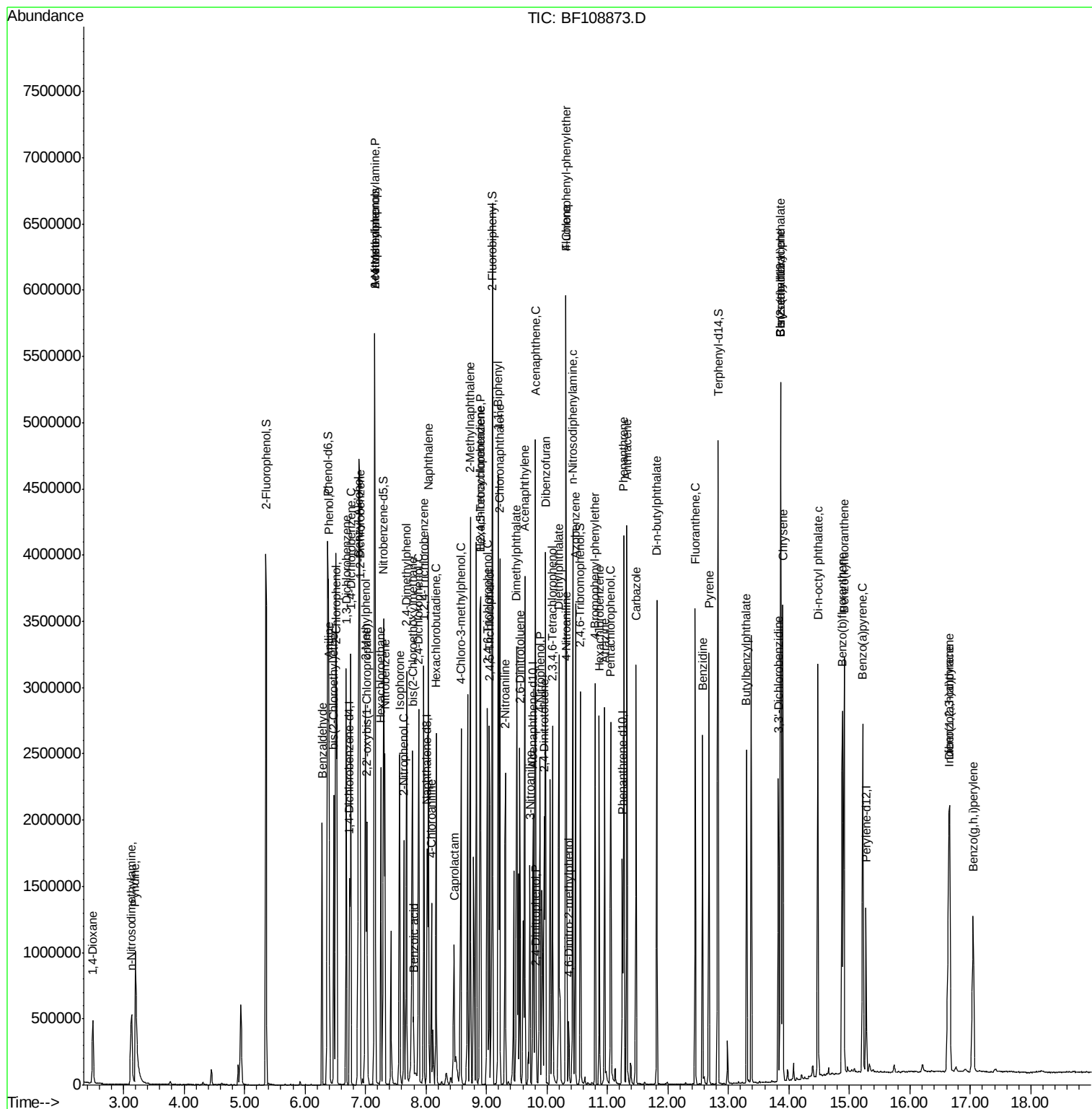
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	393888	50.948	ng	99
43) 2,4,5-Trichlorophenol	9.05	196	408510	50.976	ng	97
45) 1,1'-Biphenyl	9.20	154	1441403	49.309	ng	99
46) 2-Chloronaphthalene	9.22	162	1125889	47.624	ng	100
47) 2-Nitroaniline	9.31	65	371027	57.448	ng	99
48) Acenaphthylene	9.64	152	1768761	50.193	ng	98
49) Dimethylphthalate	9.50	163	1348835	50.789	ng	99
50) 2,6-Dinitrotoluene	9.55	165	291557	57.614	ng	95
51) Acenaphthene	9.81	154	1044960	47.919	ng	99
52) 3-Nitroaniline	9.72	138	230424	38.251	ng	96
53) 2,4-Dinitrophenol	9.82	184	57880	36.815	ng	# 15
54) Dibenzofuran	9.98	168	1493956	46.998	ng	97
55) 4-Nitrophenol	9.88	139	419284	93.104	ng	96
56) 2,4-Dinitrotoluene	9.96	165	368172	56.890	ng	# 91
57) Fluorene	10.32	166	1066083	52.261	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	314467	48.659	ng	# 88
59) Diethylphthalate	10.20	149	1315076	47.984	ng	96
60) 4-Chlorophenyl-phenylether	10.31	204	530146	48.662	ng	93
61) 4-Nitroaniline	10.33	138	256855	47.067	ng	97
62) Azobenzene	10.47	77	1303839	46.088	ng	95
64) 4,6-Dinitro-2-methylphenol	10.36	198	50402	24.484	ng	92
65) n-Nitrosodiphenylamine	10.43	169	1076796	51.946	ng	95
66) 4-Bromophenyl-phenylether	10.80	248	366420	52.034	ng	92
67) Hexachlorobenzene	10.87	284	367195	48.848	ng	93
68) Atrazine	10.96	200	358656	54.047	ng	95
69) Pentachlorophenol	11.05	266	327111	71.175	ng	98
70) Phenanthrene	11.27	178	1515730	50.908	ng	99
71) Anthracene	11.32	178	1532351	53.754	ng	98
72) Carbazole	11.48	167	1333628	44.423	ng	99
73) Di-n-butylphthalate	11.82	149	1783945	53.510	ng	100
74) Fluoranthene	12.45	202	1339650	45.445	ng	97
76) Benzidine	12.57	184	1007767	53.439	ng	99
77) Pyrene	12.68	202	1315032	42.951	ng	98
79) Butylbenzylphthalate	13.31	149	593187	43.023	ng	# 94
80) Benzo(a)anthracene	13.86	228	1218858	47.792	ng	99
81) 3,3'-Dichlorobenzidine	13.82	252	450188	45.308	ng	97
82) Chrysene	13.90	228	1208907	48.965	ng	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	716026	41.325	ng	98
84) Di-n-octyl phthalate	14.48	149	1403112	48.572	ng	100
85) Indeno(1,2,3-cd)pyrene	16.64	276	1231703	56.372	ng	96
87) Benzo(b)fluoranthene	14.88	252	1362379	50.182	ng	98
88) Benzo(k)fluoranthene	14.91	252	1263339	50.531	ng	98
89) Benzo(a)pyrene	15.22	252	1262065	51.520	ng	99
90) Dibenzo(a,h)anthracene	16.66	278	1038186	48.097	ng	96
91) Benzo(g,h,i)perylene	17.05	276	963341	44.574	ng	95

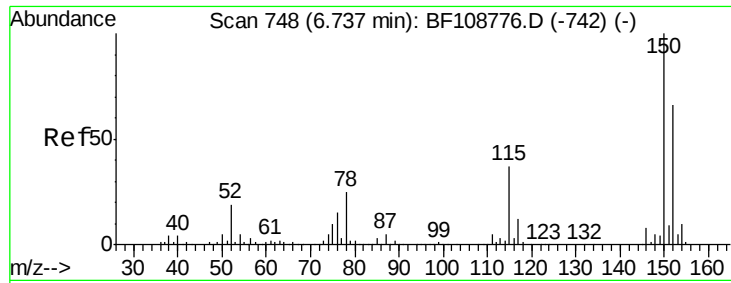
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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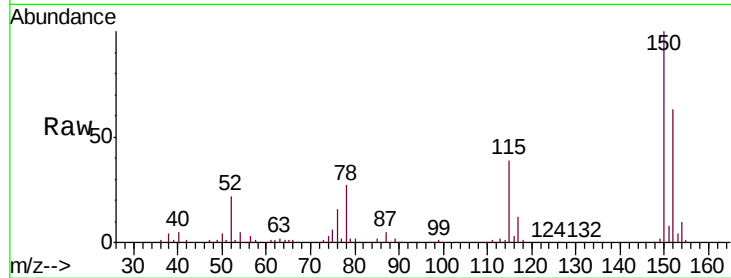




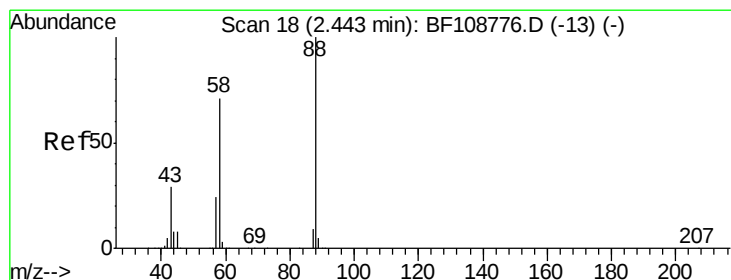
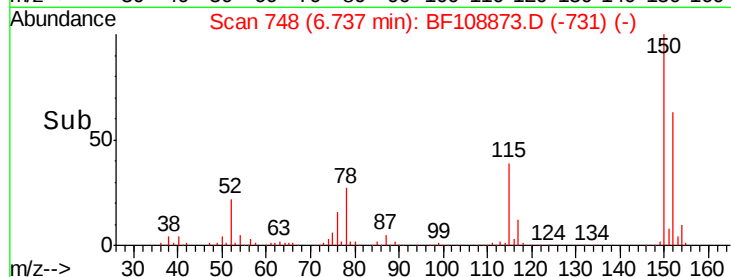
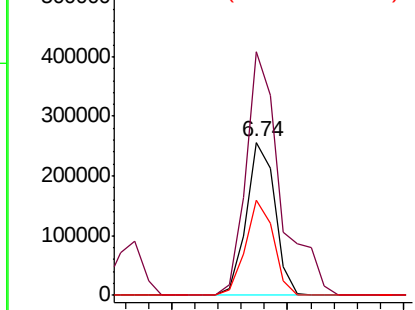
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF108873.D
 Acq: 7 Sep 2018 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PB112683BS

Tgt Ion:152 Resp: 223115
 Ion Ratio Lower Upper
 152 100
 150 158.8 124.6 186.8
 115 62.1 50.1 75.1

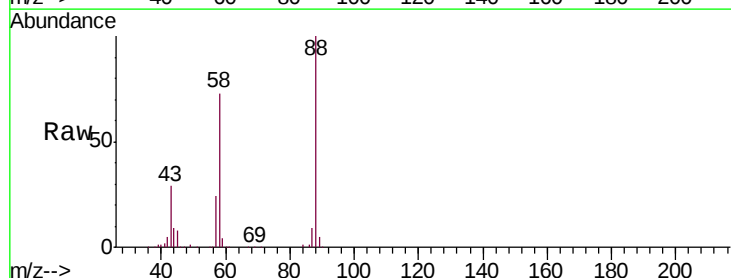


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

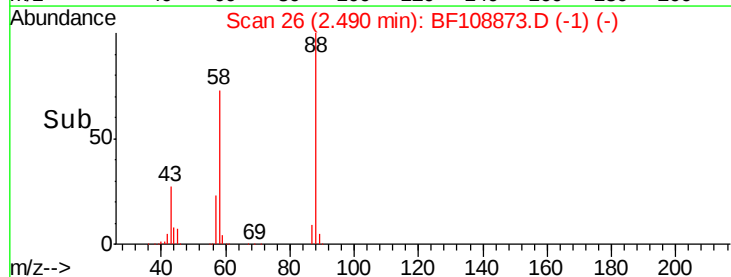
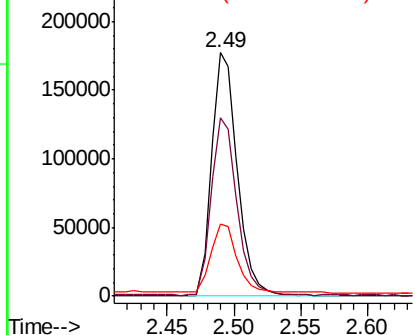


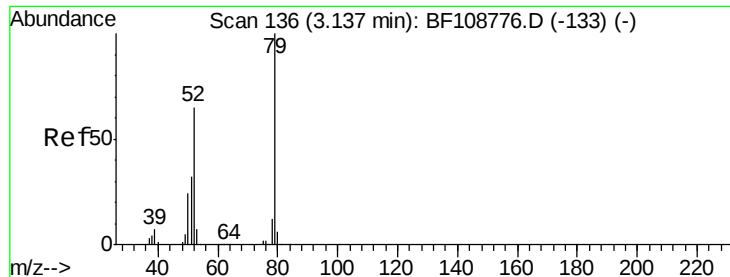
#2
 1,4-Dioxane
 Concen: 37.206 ng
 RT: 2.49 min Scan# 26
 Delta R.T. 0.05 min
 Lab File: BF108873.D
 Acq: 7 Sep 2018 20:54

Tgt Ion: 88 Resp: 240811
 Ion Ratio Lower Upper
 88 100
 58 73.0 62.6 93.8
 43 27.9 24.6 37.0



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

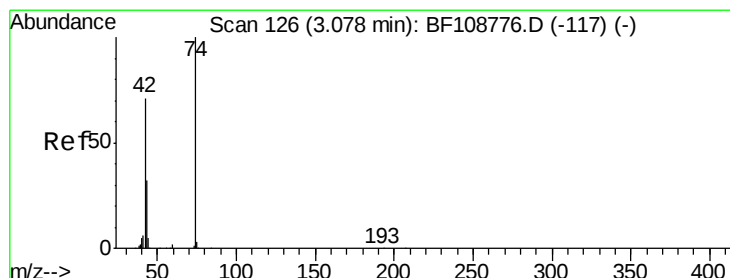
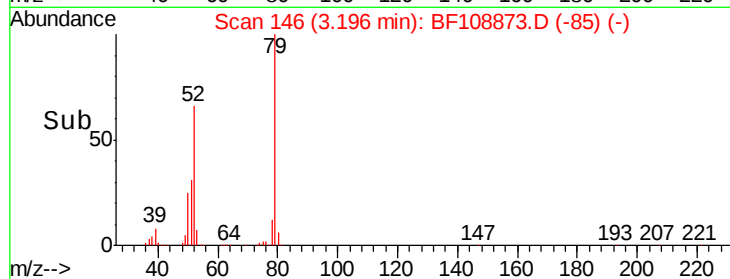
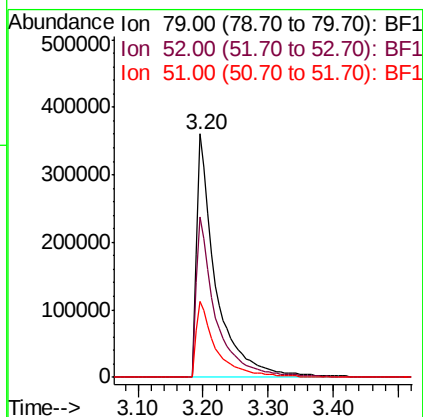
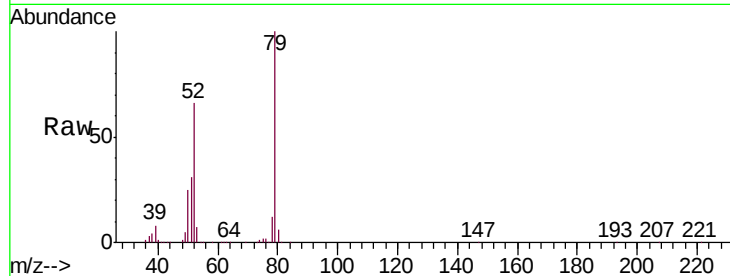




#3
 Pyridine
 Concen: 41.498 ng
 RT: 3.20 min Scan# 146
 Delta R.T. 0.06 min
 Lab File: BF108873.D
 Acq: 7 Sep 2018 20:54

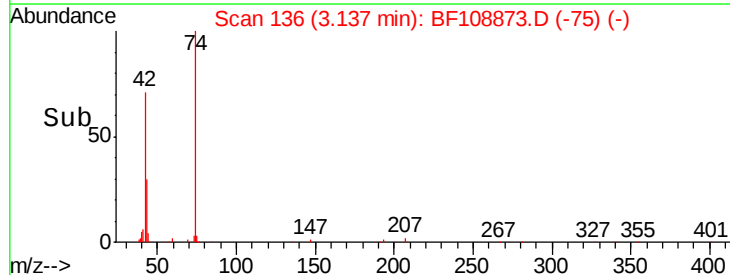
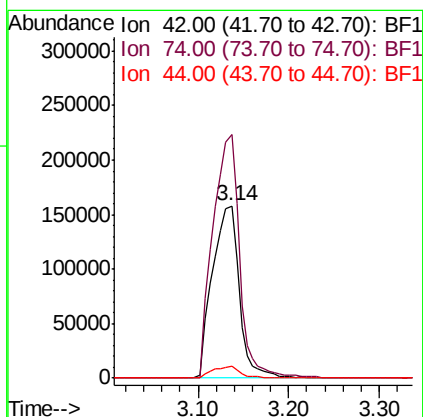
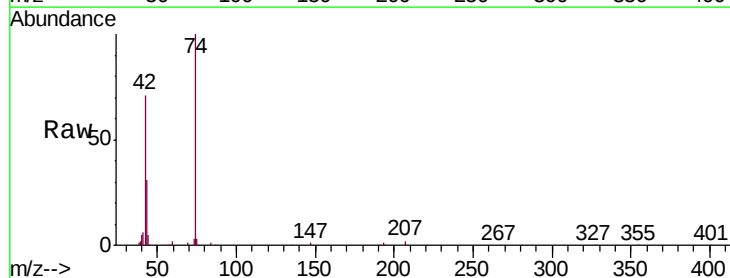
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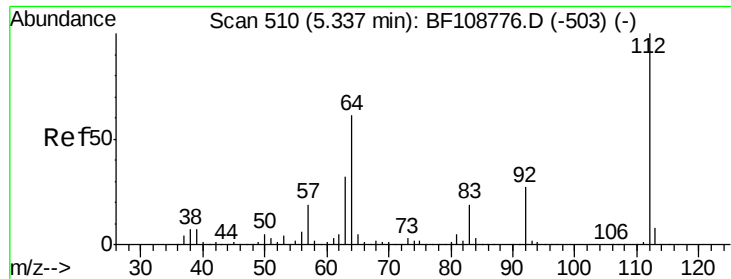
Tgt Ion: 79 Resp: 735577
 Ion Ratio Lower Upper
 79 100
 52 65.9 59.8 89.6
 51 31.4 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 48.106 ng
 RT: 3.14 min Scan# 136
 Delta R.T. 0.06 min
 Lab File: BF108873.D
 Acq: 7 Sep 2018 20:54

Tgt Ion: 42 Resp: 327508
 Ion Ratio Lower Upper
 42 100
 74 141.4 104.9 157.3
 44 6.8 6.9 10.3#





#5

2-Fluorophenol

Concen: 90.275 ng

RT: 5.35 min Scan# 513

Delta R.T. 0.02 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

Instrument :

BNA_F

ClientSampleId :

PB112683BS

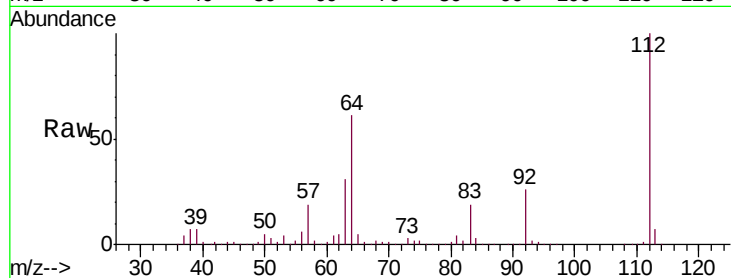
Tgt Ion: 112 Resp: 1215797

Ion Ratio Lower Upper

112 100

64 60.9 47.9 71.9

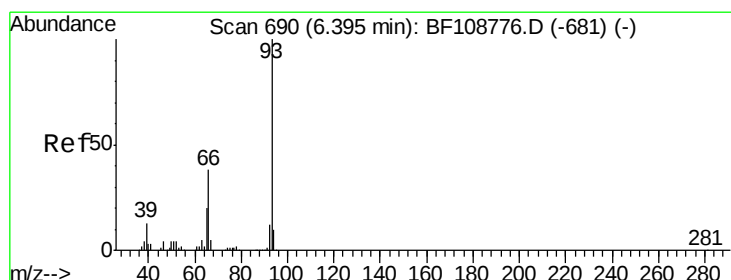
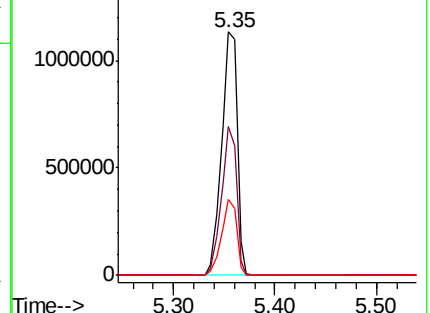
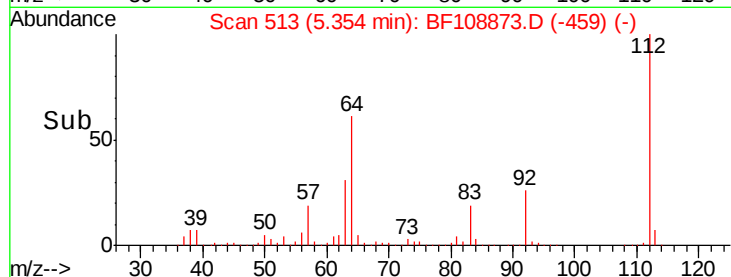
63 31.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.751 ng

RT: 6.40 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

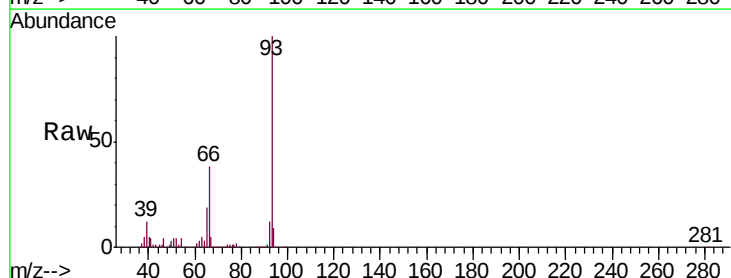
Tgt Ion: 93 Resp: 786599

Ion Ratio Lower Upper

93 100

66 37.6 32.2 48.2

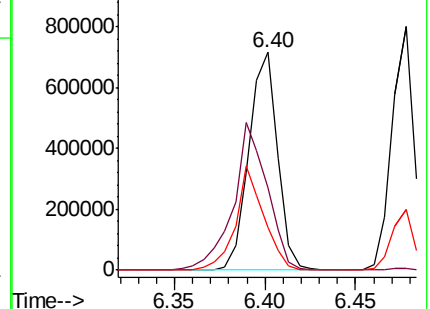
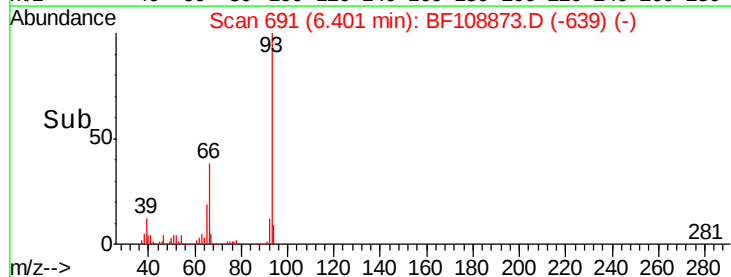
65 19.3 16.4 24.6

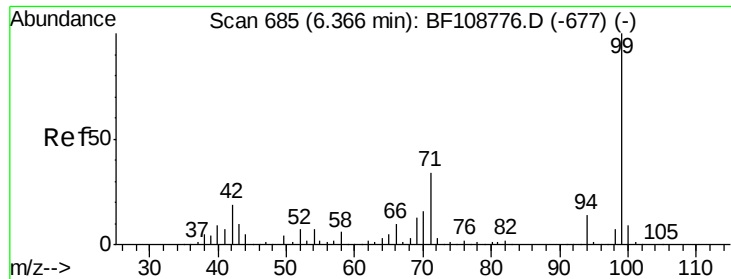


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 91.208 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

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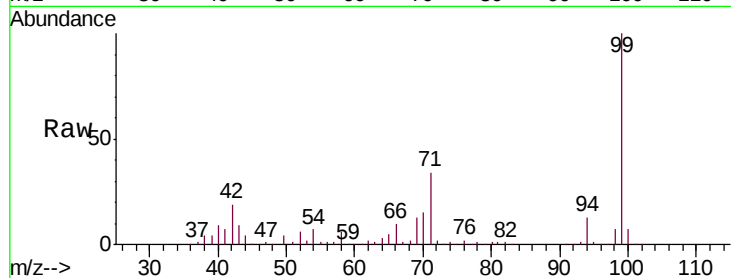
Tgt Ion: 99 Resp: 1580487

Ion Ratio Lower Upper

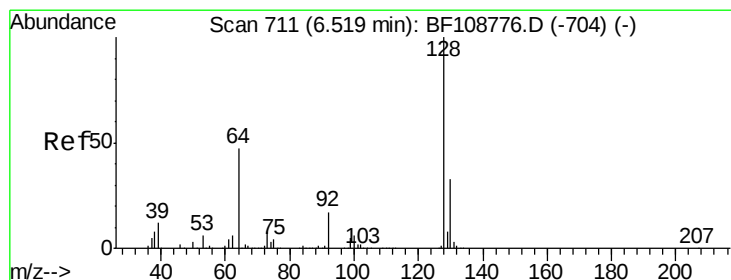
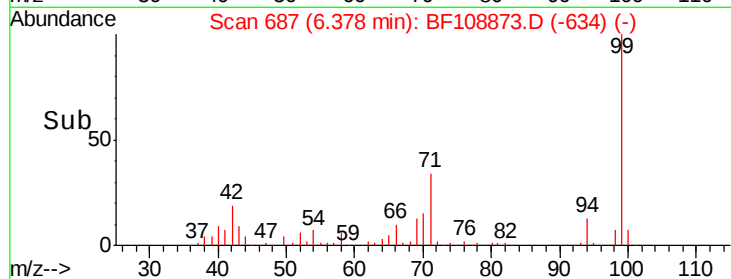
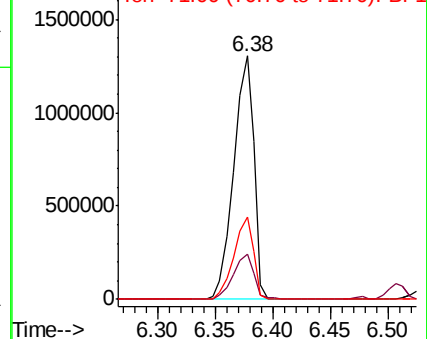
99 100

42 18.8 14.5 21.7

71 33.7 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: 45.457 ng

RT: 6.52 min Scan# 712

Delta R.T. 0.01 min

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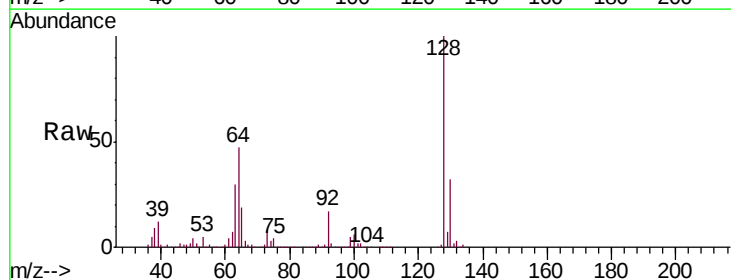
Tgt Ion: 128 Resp: 677627

Ion Ratio Lower Upper

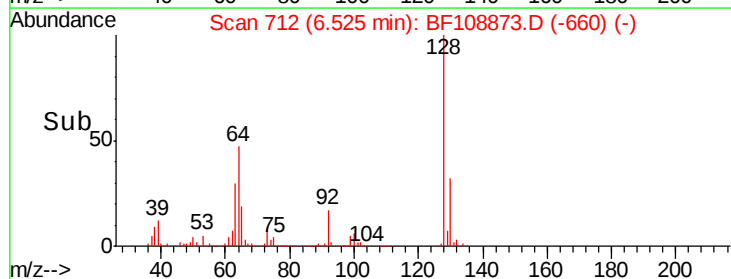
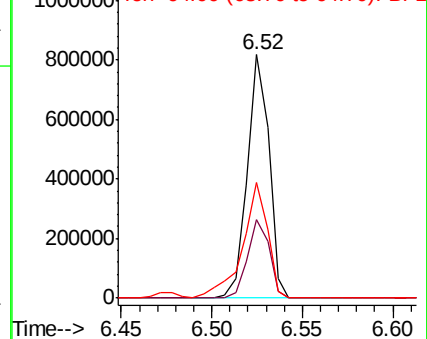
128 100

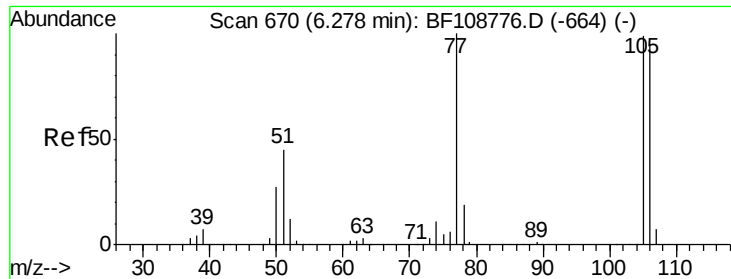
130 32.4 13.0 53.0

64 47.5 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: 31.430 ng

RT: 6.28 min Scan# 671

Delta R.T. 0.01 min

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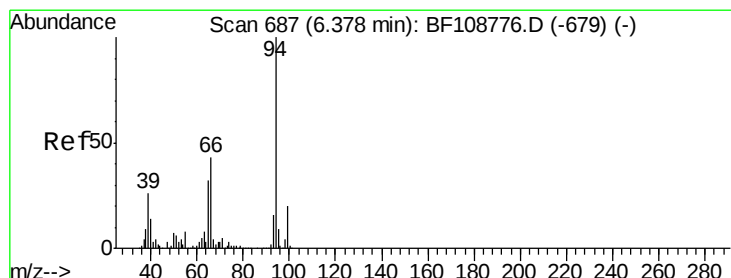
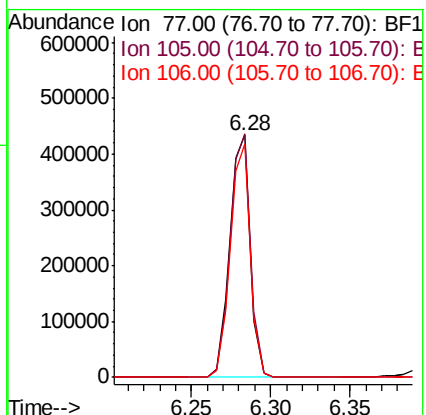
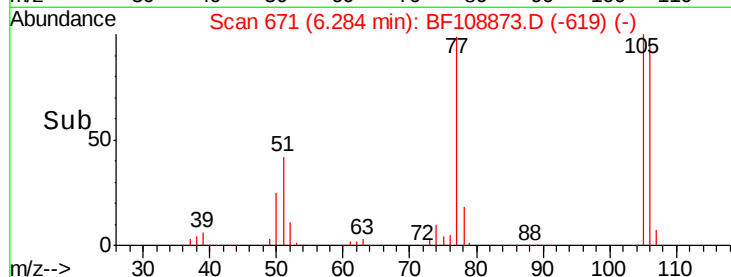
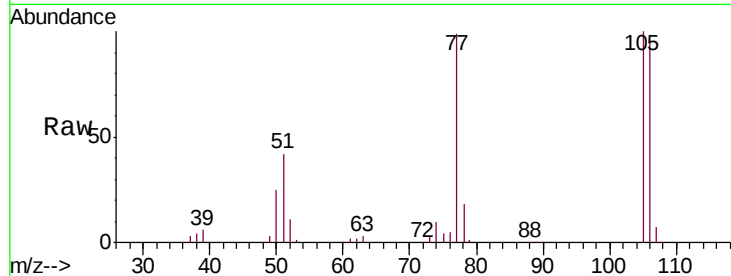
Tgt Ion: 77 Resp: 386375

Ion Ratio Lower Upper

77 100

105 100.5 81.1 121.1

106 96.5 74.5 114.5



#10

Phenol

Concen: 42.086 ng

RT: 6.39 min Scan# 689

Delta R.T. 0.01 min

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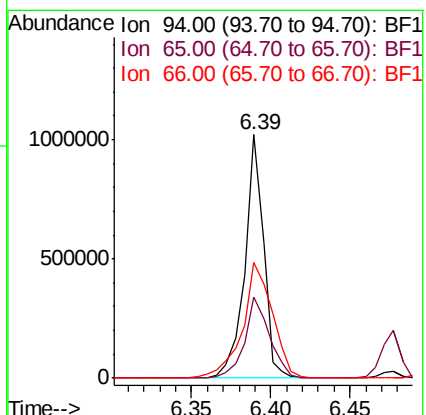
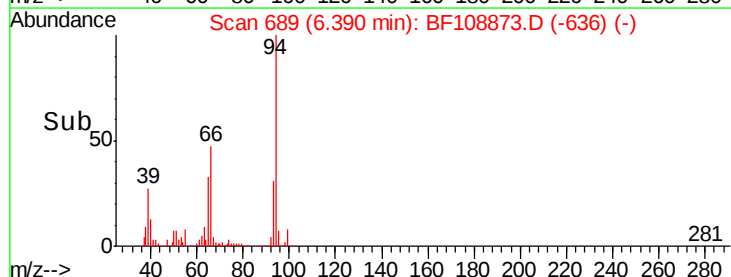
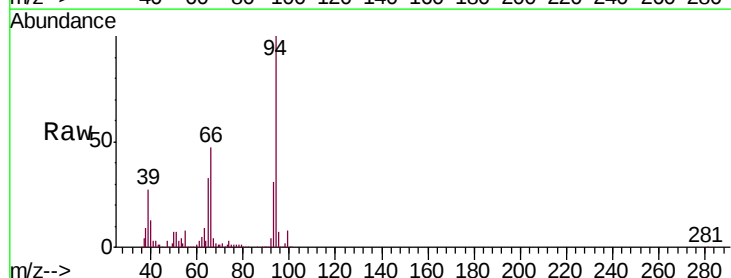
Tgt Ion: 94 Resp: 835301

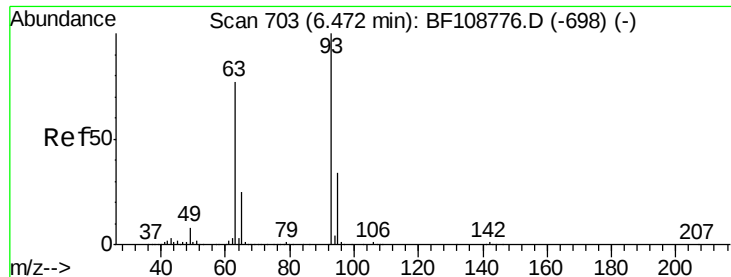
Ion Ratio Lower Upper

94 100

65 33.4 7.9 47.9

66 47.3 16.2 56.2

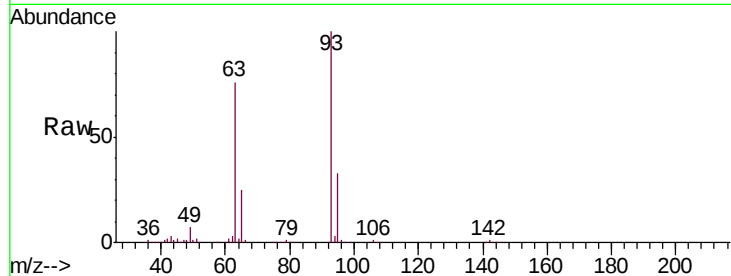




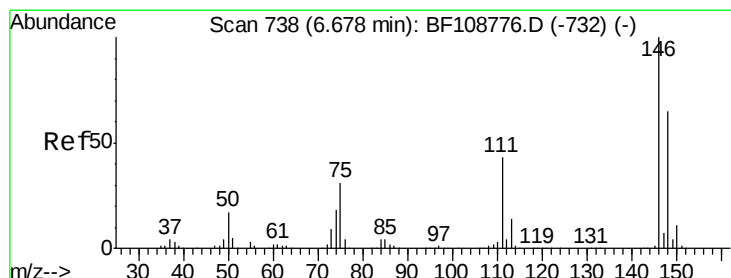
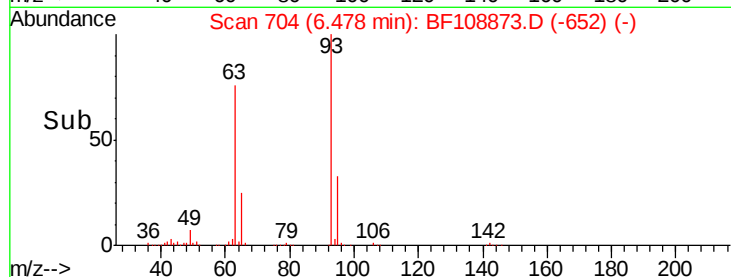
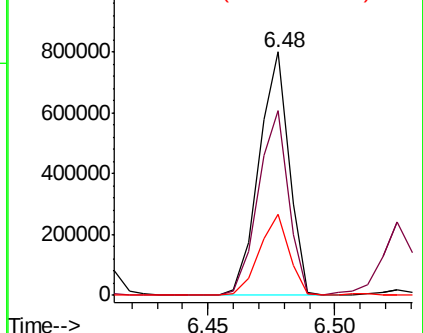
#11
bis(2-Chloroethyl)ether
Concen: 41.556 ng
RT: 6.48 min Scan# 704
Delta R.T. 0.01 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Instrument :
BNA_F
ClientSampleId :
PB112683BS

Tgt Ion: 93 Resp: 660716
Ion Ratio Lower Upper
93 100
63 75.9 58.6 98.6
95 33.1 11.8 51.8

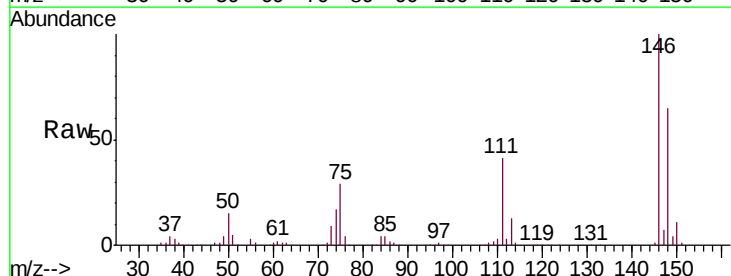


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

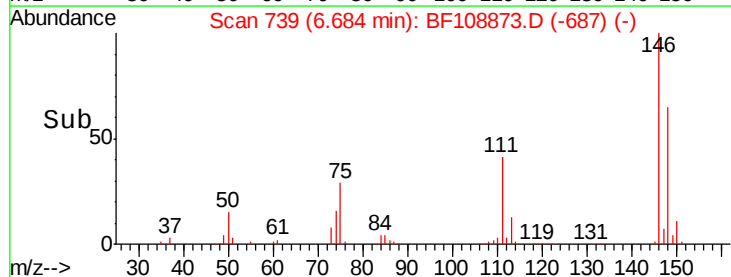
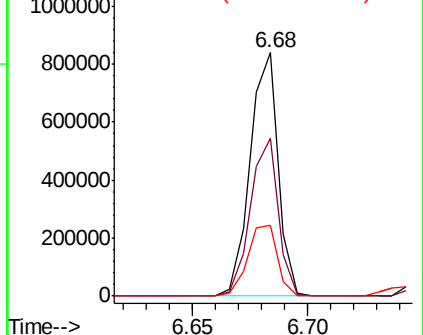


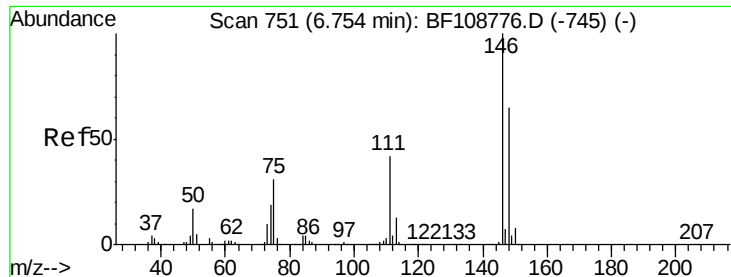
#12
1,3-Dichlorobenzene
Concen: 42.019 ng
RT: 6.68 min Scan# 739
Delta R.T. 0.01 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Tgt Ion: 146 Resp: 714800
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.8
75 29.3 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

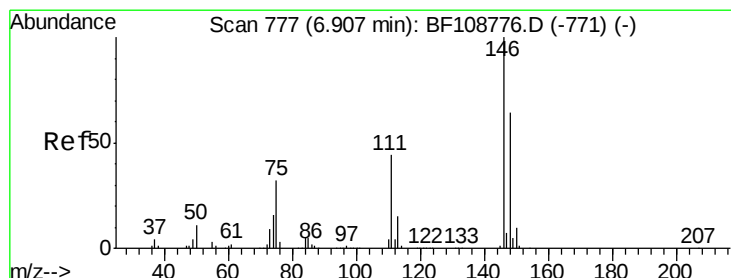
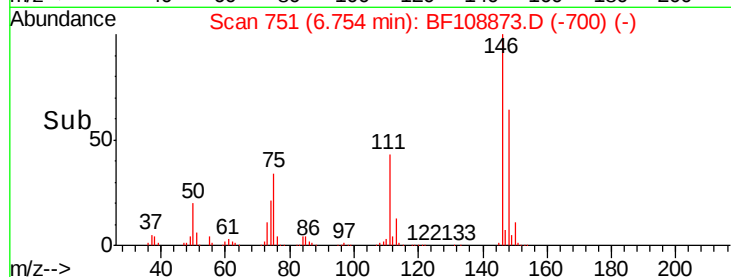
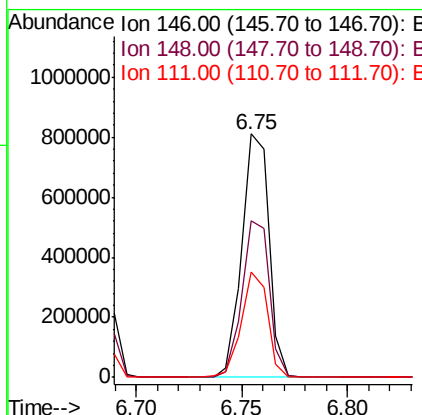
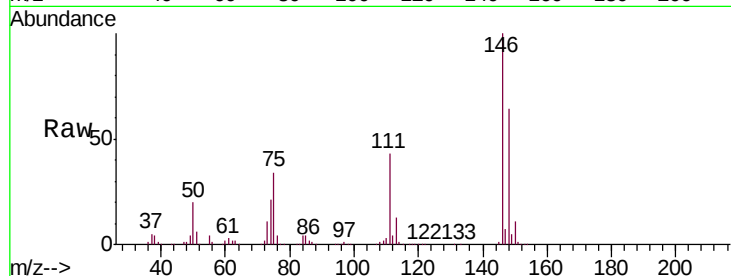




#13
 1,4-Dichlorobenzene
 Concen: 42.419 ng
 RT: 6.75 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF108873.D
 Acq: 7 Sep 2018 20:54

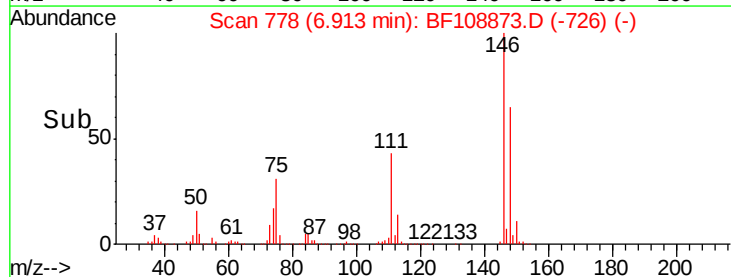
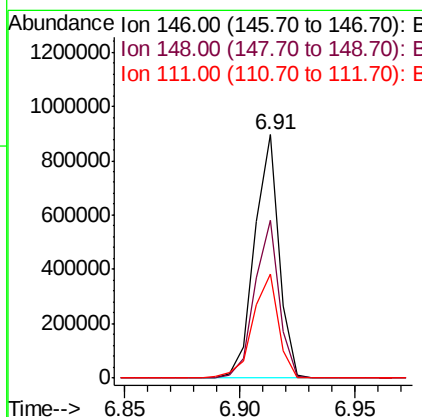
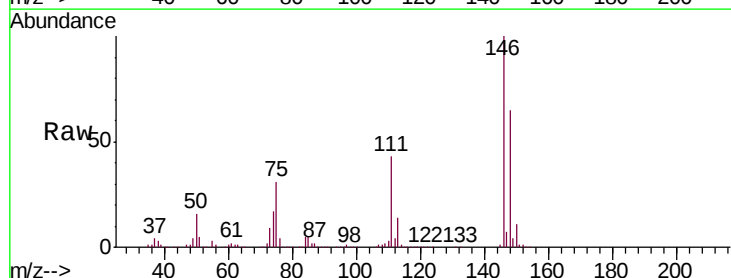
Instrument :
 BNA_F
 ClientSampleId :
 PB112683BS

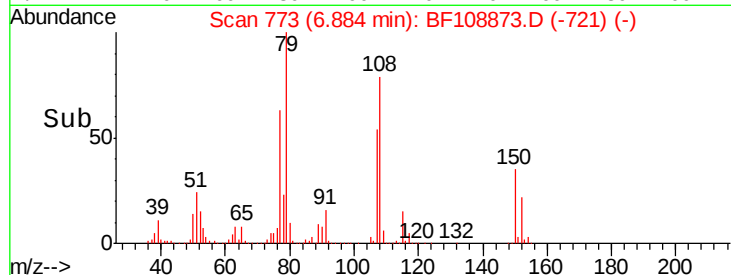
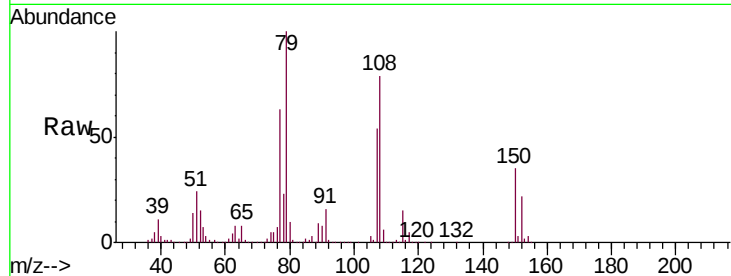
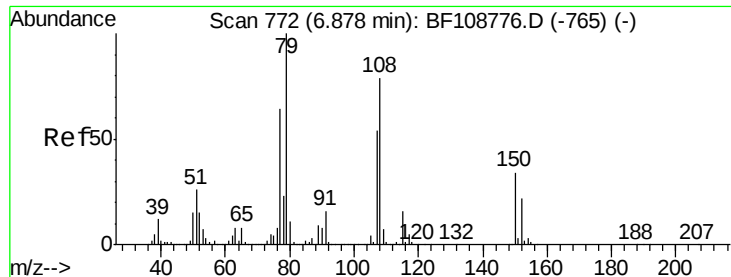
Tgt Ion:146 Resp: 721627
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.8 76.2
 111 43.0 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 42.296 ng
 RT: 6.91 min Scan# 778
 Delta R.T. 0.01 min
 Lab File: BF108873.D
 Acq: 7 Sep 2018 20:54

Tgt Ion:146 Resp: 663210
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.6 75.8
 111 42.7 36.0 54.0





#15

Benzyl Alcohol

Concen: 45.217 ng

RT: 6.88 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

Instrument :

BNA_F

ClientSampleId :

PB112683BS

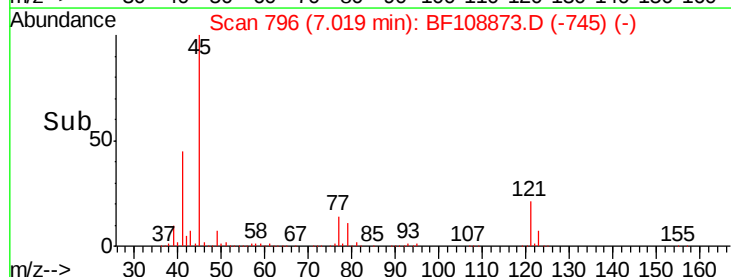
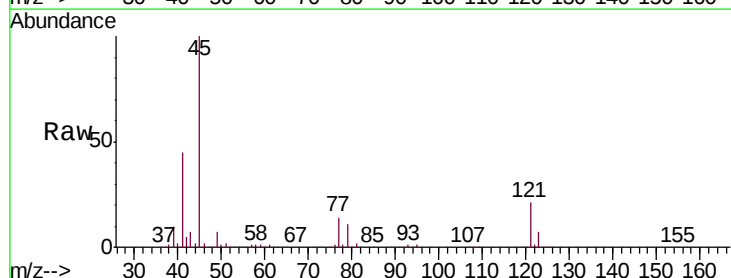
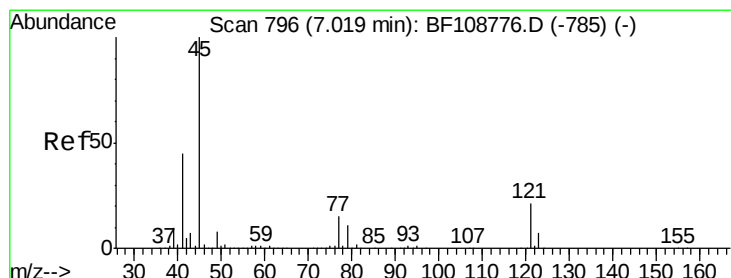
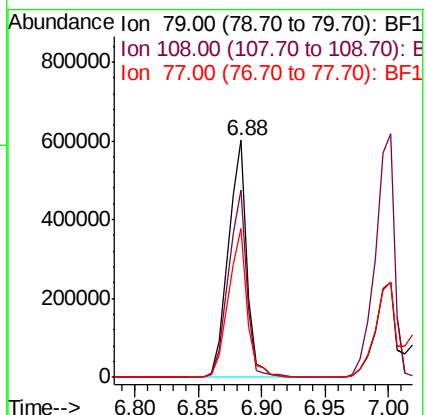
Tgt Ion: 79 Resp: 601302

Ion Ratio Lower Upper

79 100

108 78.9 65.1 97.7

77 62.9 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.591 ng

RT: 7.02 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

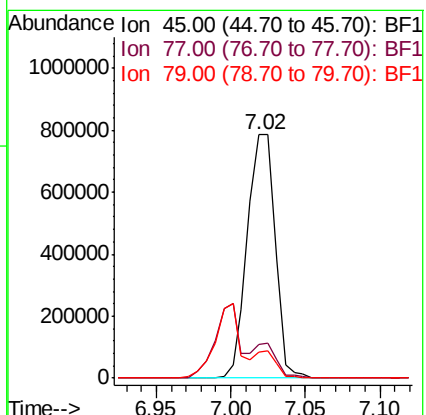
Tgt Ion: 45 Resp: 1012226

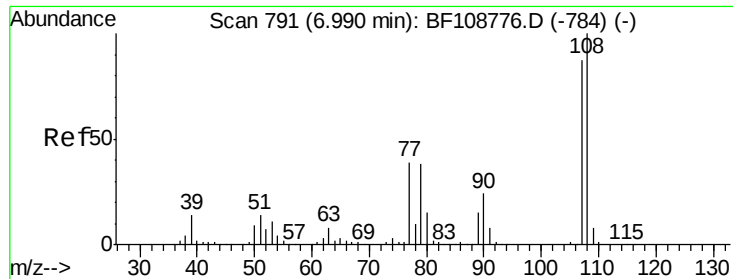
Ion Ratio Lower Upper

45 100

77 13.9 0.0 32.9

79 10.7 0.0 29.6

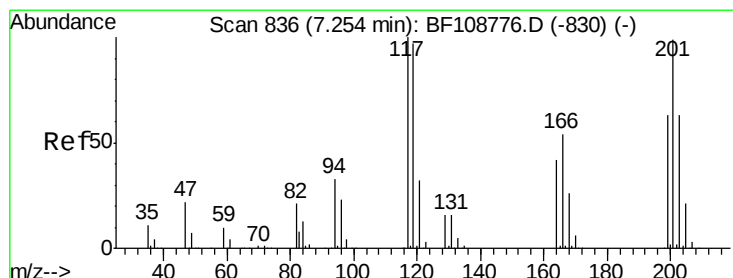
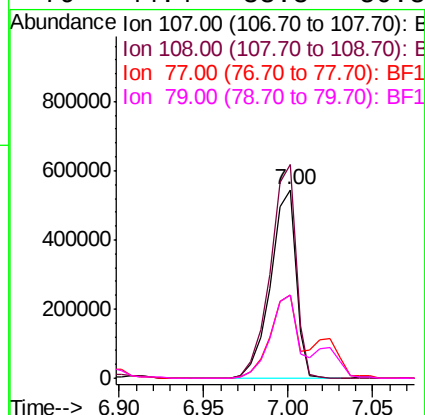
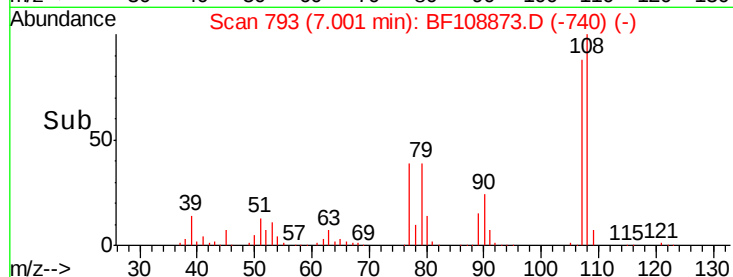
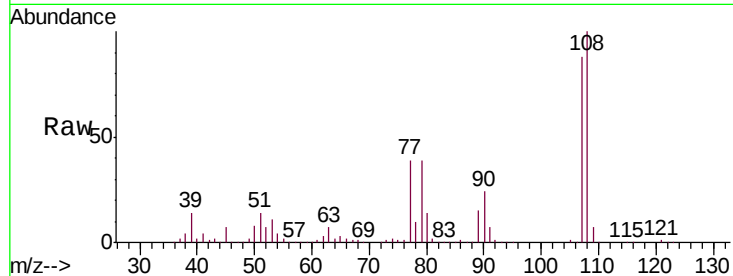




#17
2-Methylphenol
Concen: 45.063 ng
RT: 7.00 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

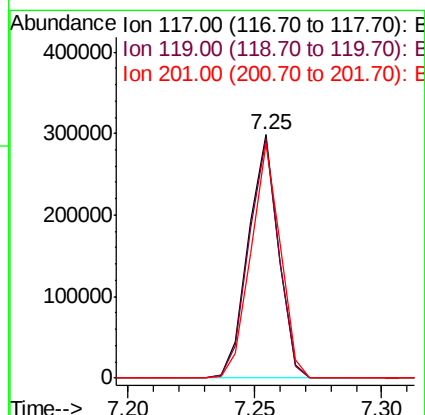
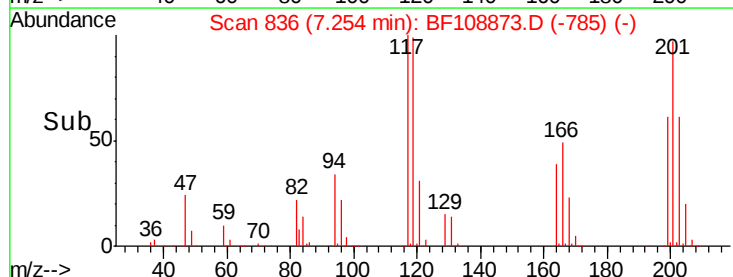
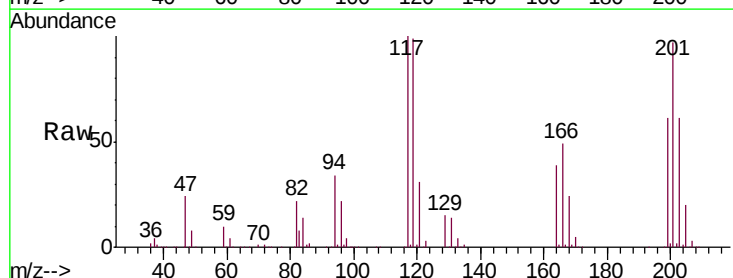
Instrument :
BNA_F
ClientSampleId :
PB112683BS

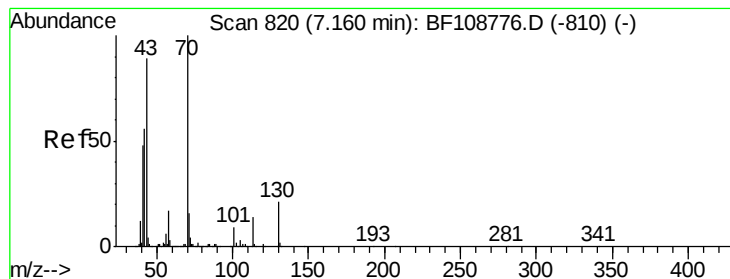
Tgt Ion:107 Resp: 567704
Ion Ratio Lower Upper
107 100
108 113.2 91.7 137.5
77 44.4 33.8 50.8
79 44.4 33.8 50.8



#18
Hexachloroethane
Concen: 40.061 ng
RT: 7.25 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Tgt Ion:117 Resp: 245733
Ion Ratio Lower Upper
117 100
119 98.6 75.8 113.8
201 96.5 75.7 113.5





#19

n-Nitroso-di-n-propylamine

Concen: 40.143 ng

RT: 7.16 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

Instrument :

BNA_F

ClientSampleId :

PB112683BS

Tgt Ion: 70 Resp: 483525

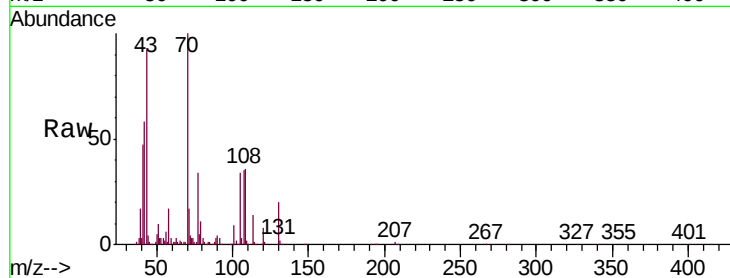
Ion Ratio Lower Upper

70 100

42 58.4 47.5 71.3

101 9.1 7.4 11.2

130 20.2 16.6 25.0

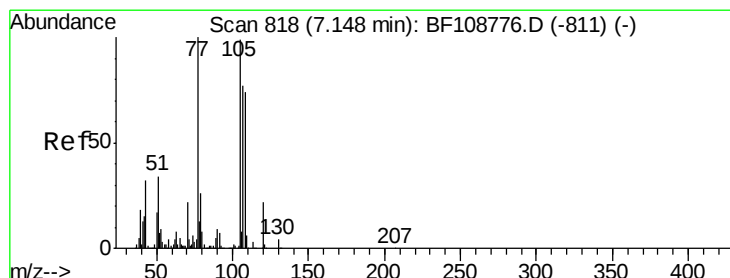
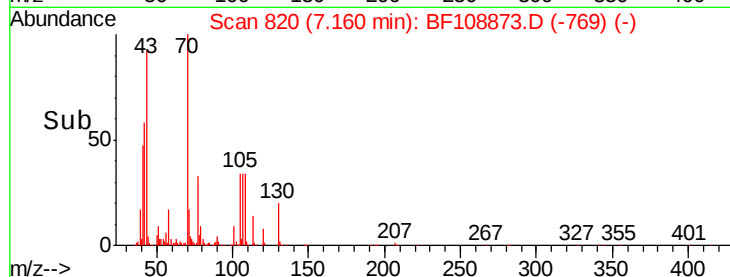
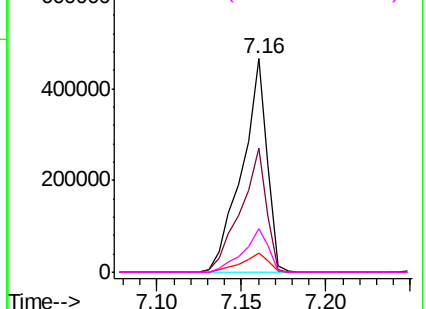


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 43.428 ng

RT: 7.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

Tgt Ion: 107 Resp: 640888

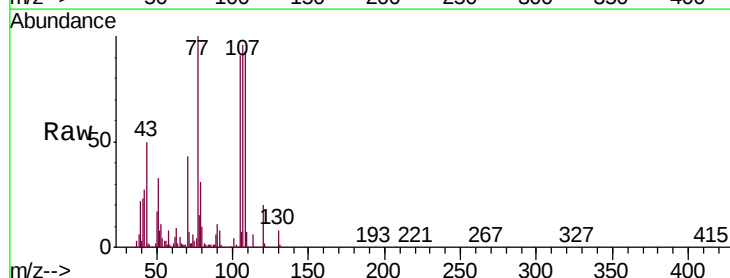
Ion Ratio Lower Upper

107 100

108 96.5 68.2 108.2

77 104.2 26.7 66.7#

79 32.2 6.3 46.3

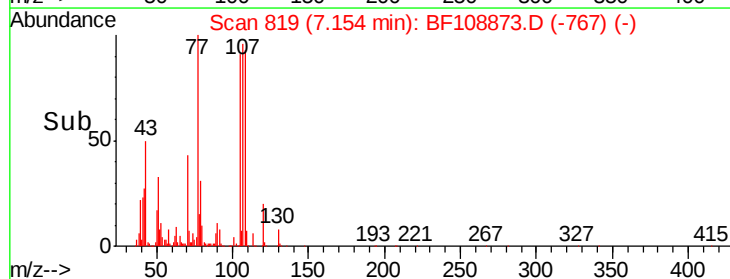
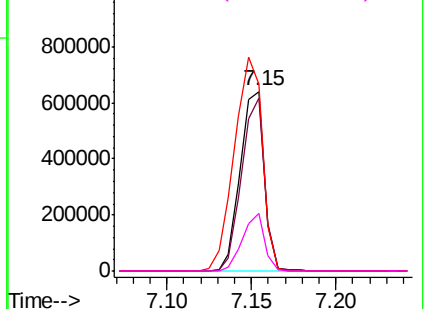


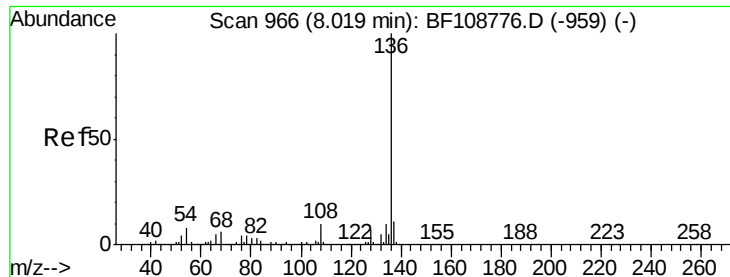
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

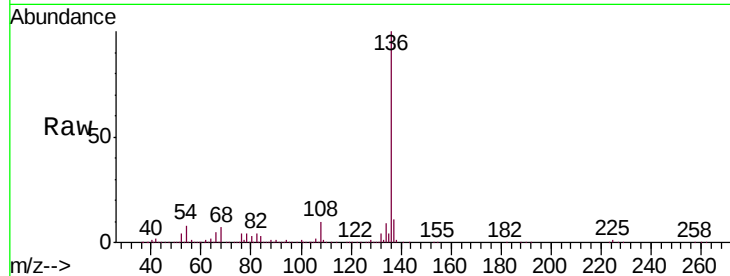




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Instrument :
BNA_F
ClientSampleId :
PB112683BS

Tgt Ion:	136	Resp:	834151
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.2	6.6	9.8
68	6.9	5.0	7.4



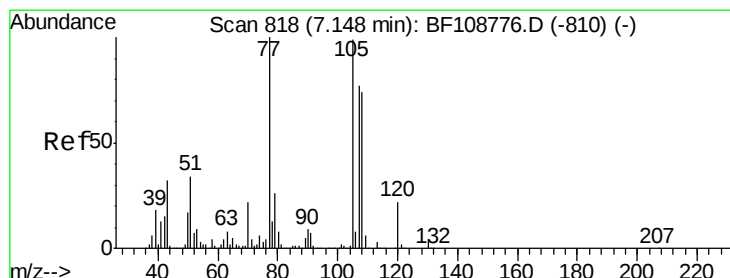
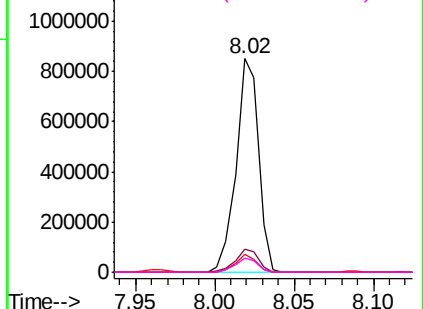
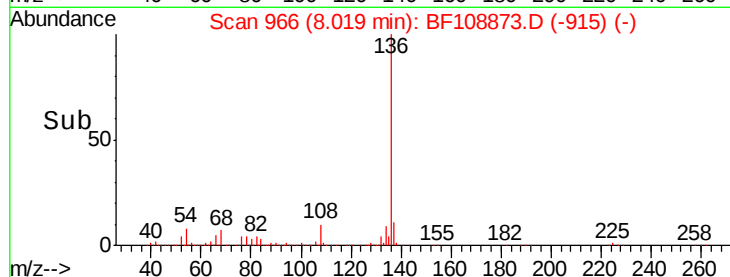
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

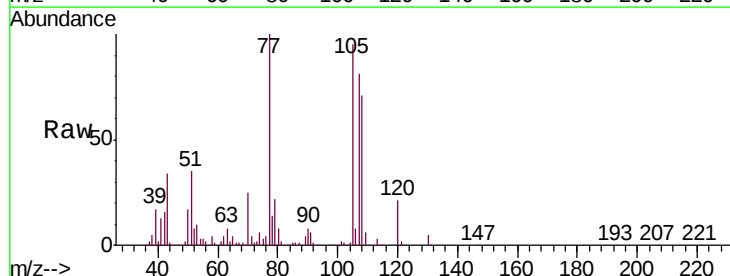
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 46.289 ng
RT: 7.15 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Tgt Ion:	105	Resp:	876302
Ion	Ratio	Lower	Upper
105	100		
71	4.4	4.4	6.6#
51	36.5	22.3	33.5#
120	22.1	16.9	25.3



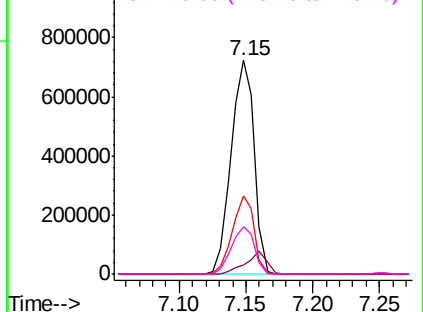
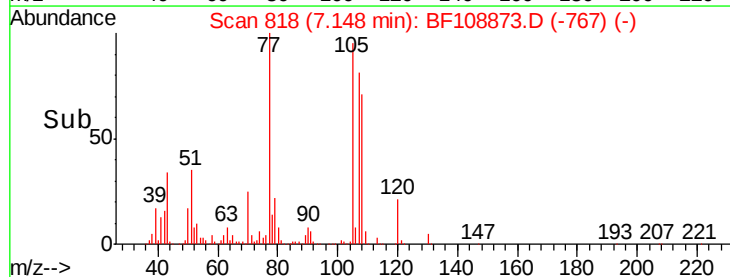
Abundance

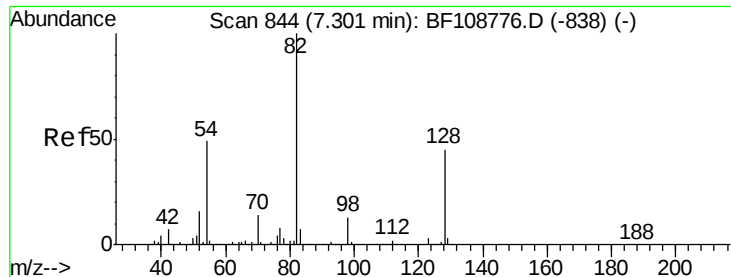
Ion 105.00 (104.70 to 105.70): E

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

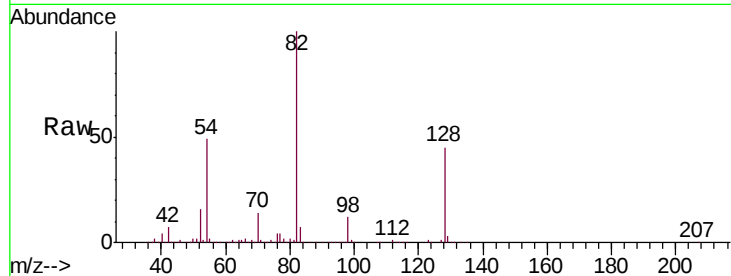




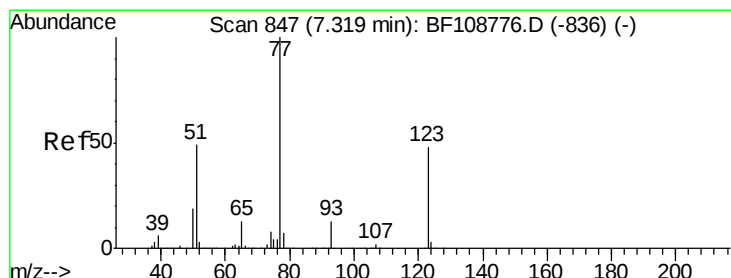
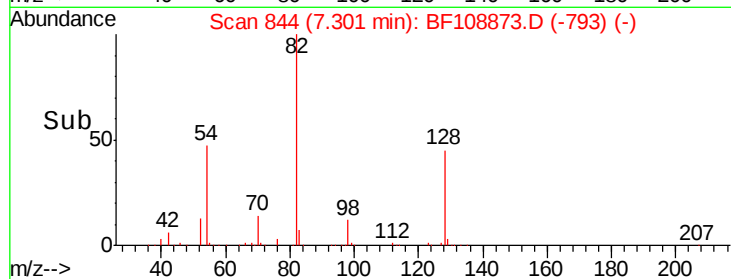
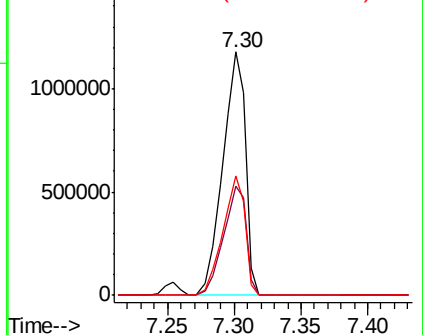
#23
 Nitrobenzene-d5
 Concen: 106.300 ng
 RT: 7.30 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BF108873.D
 Acq: 7 Sep 2018 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PB112683BS

Tgt Ion: 82 Resp: 1416891
 Ion Ratio Lower Upper
 82 100
 128 44.8 36.1 54.1
 54 48.9 41.4 62.2

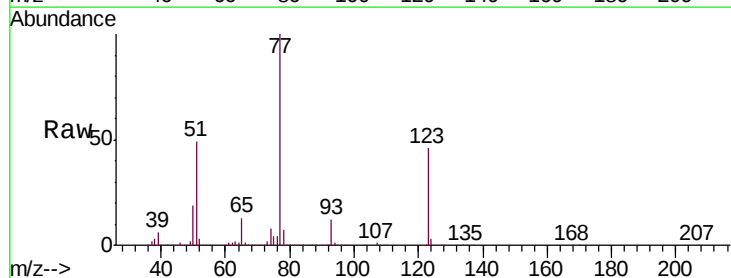


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

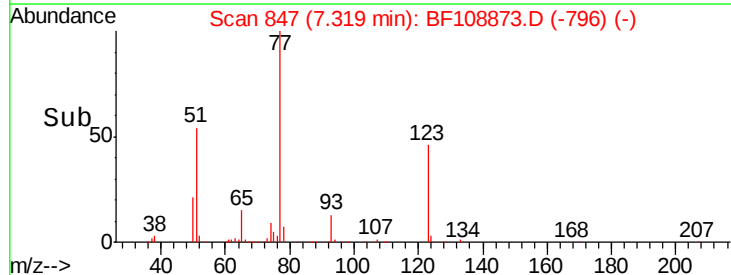
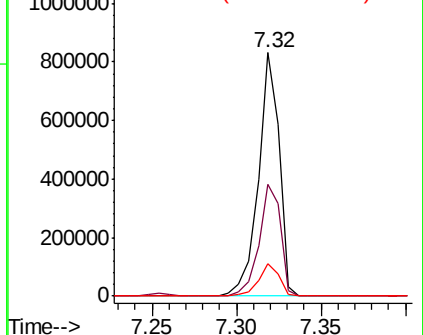


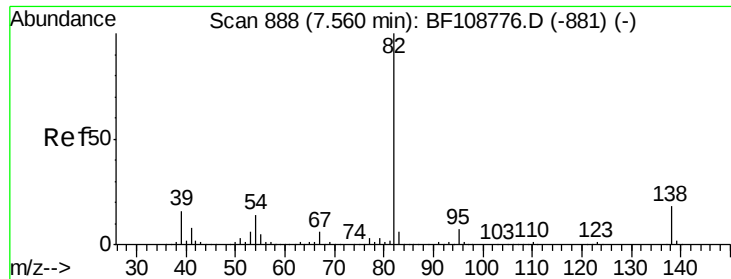
#24
 Nitrobenzene
 Concen: 49.987 ng
 RT: 7.32 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BF108873.D
 Acq: 7 Sep 2018 20:54

Tgt Ion: 77 Resp: 714901
 Ion Ratio Lower Upper
 77 100
 123 46.1 37.9 56.9
 65 13.3 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

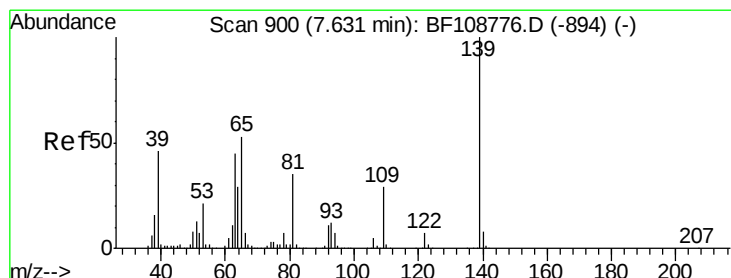
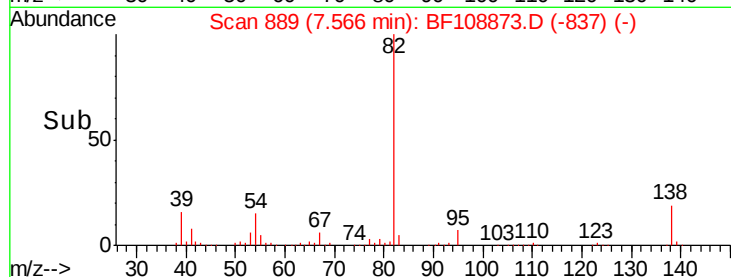
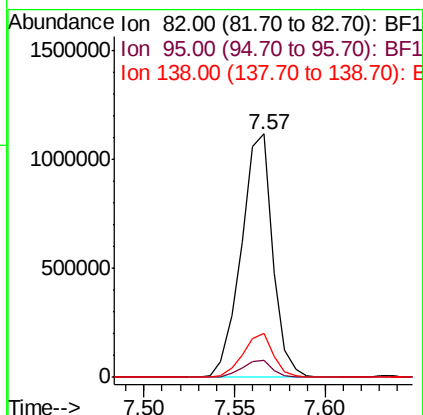
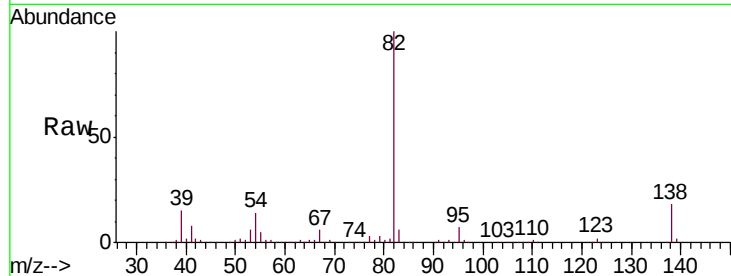




#25
Isophorone
Concen: 50.563 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

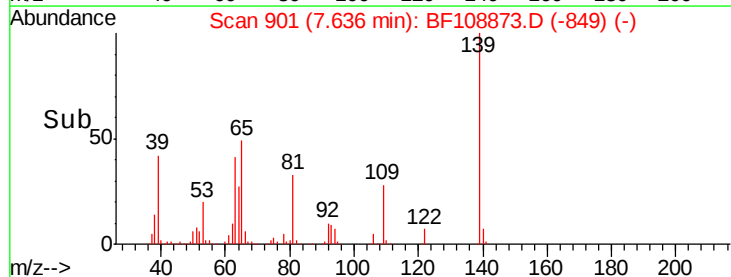
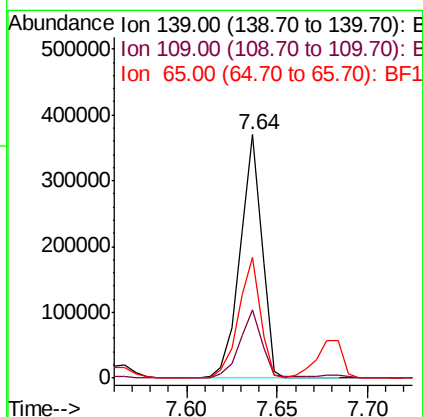
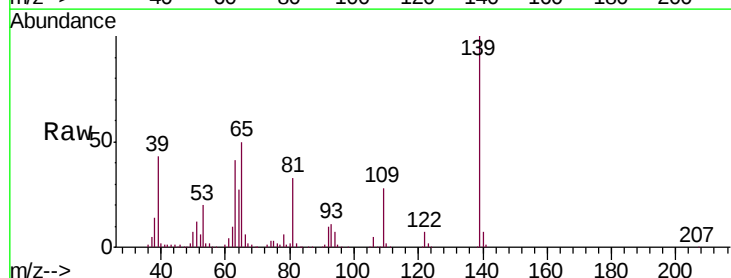
Instrument :
BNA_F
ClientSampleId :
PB112683BS

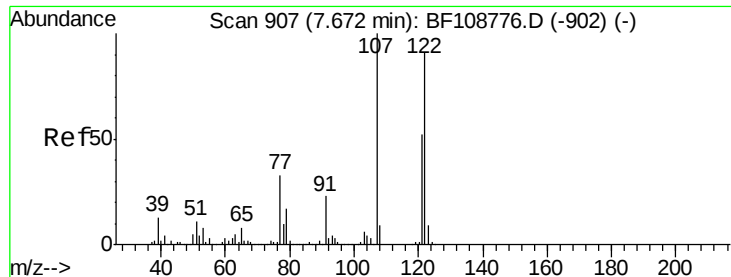
Tgt Ion: 82 Resp: 1344326
Ion Ratio Lower Upper
82 100
95 6.8 5.2 7.8
138 18.2 14.9 22.3



#26
2-Nitrophenol
Concen: 54.854 ng
RT: 7.64 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Tgt Ion: 139 Resp: 309074
Ion Ratio Lower Upper
139 100
109 27.9 22.7 34.1
65 49.7 40.5 60.7

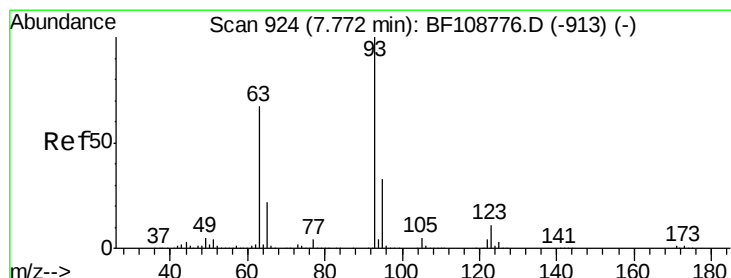
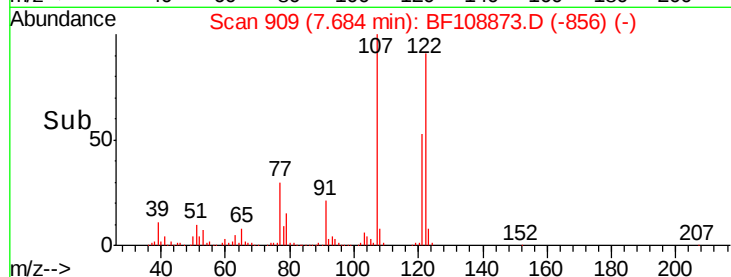
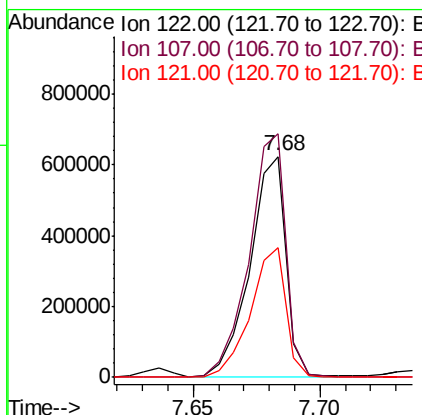
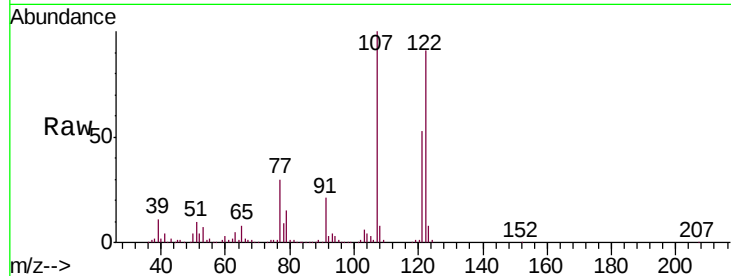




#27
 2,4-Dimethylphenol
 Concen: 54.134 ng
 RT: 7.68 min Scan# 909
 Delta R.T. 0.01 min
 Lab File: BF108873.D
 Acq: 7 Sep 2018 20:54

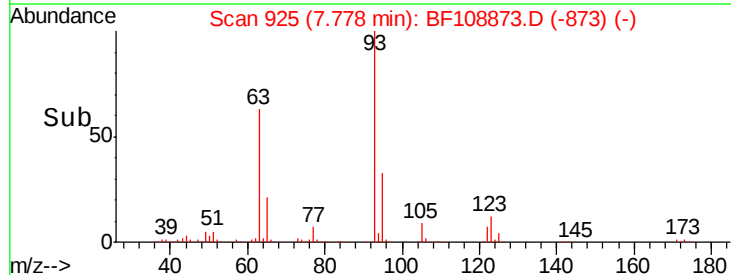
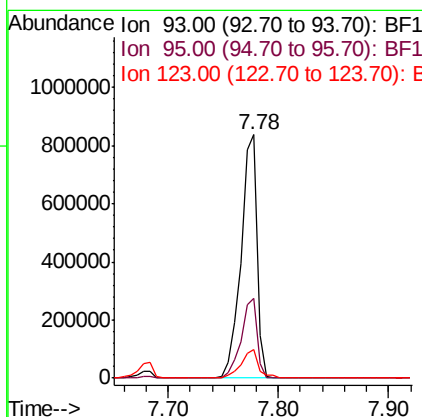
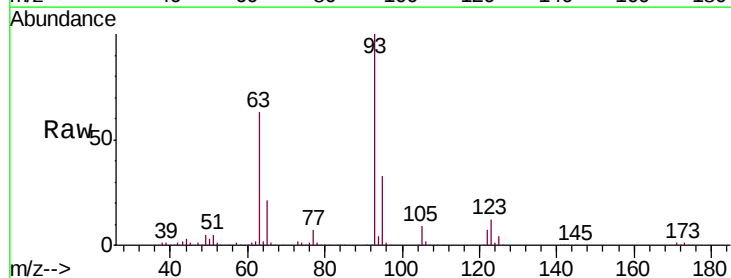
Instrument :
 BNA_F
 ClientSampleId :
 PB112683BS

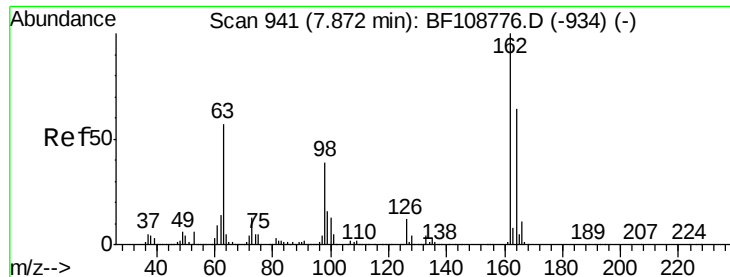
Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.2	91.2	136.8
121	58.7	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.250 ng
 RT: 7.78 min Scan# 925
 Delta R.T. 0.01 min
 Lab File: BF108873.D
 Acq: 7 Sep 2018 20:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.3	39.5
123	11.7	9.8	14.6

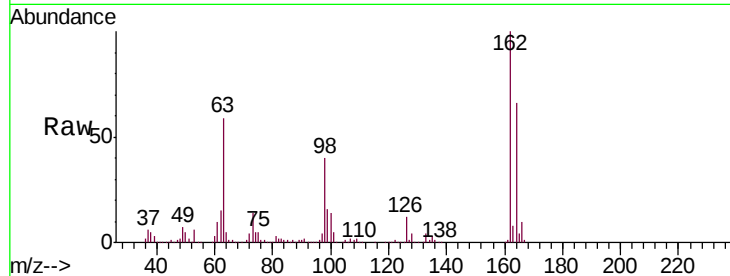




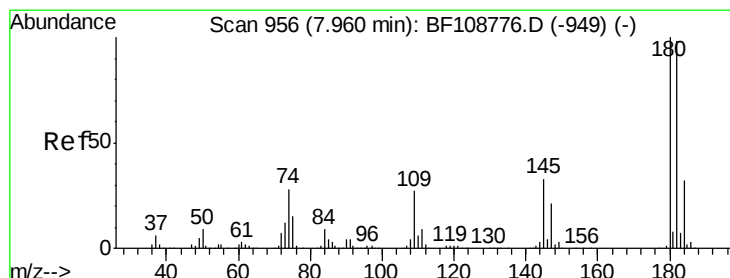
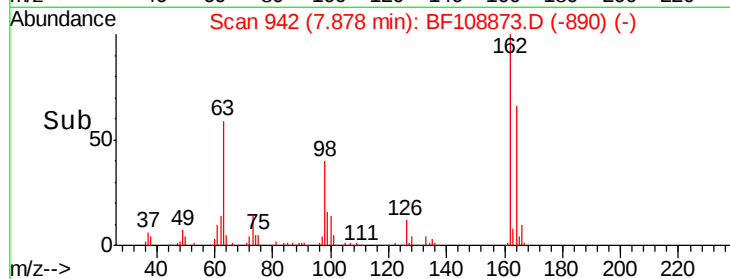
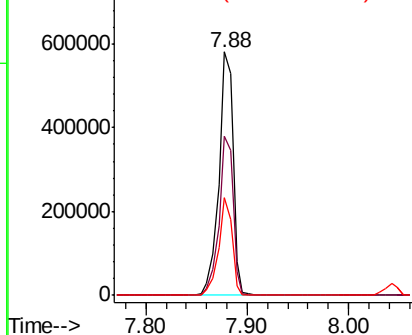
#29
2,4-Dichlorophenol
Concen: 48.137 ng
RT: 7.88 min Scan# 942
Delta R.T. 0.01 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Instrument :
BNA_F
ClientSampleId :
PB112683BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.6	42.7	82.7
98	40.0	18.1	58.1

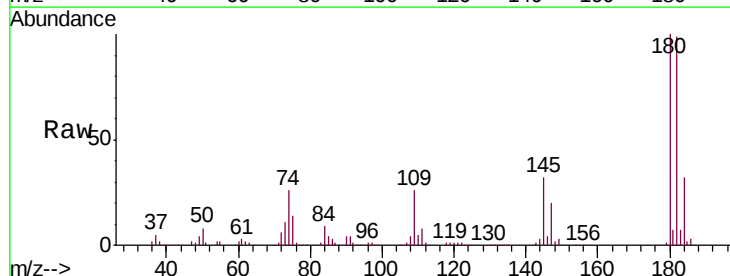


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

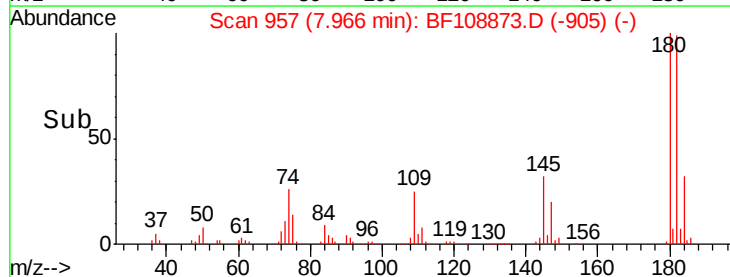
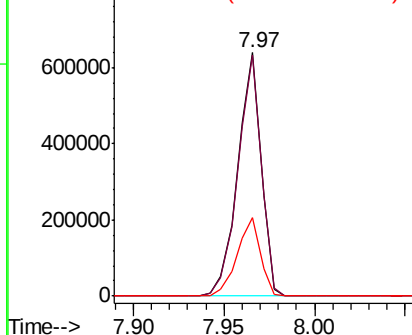


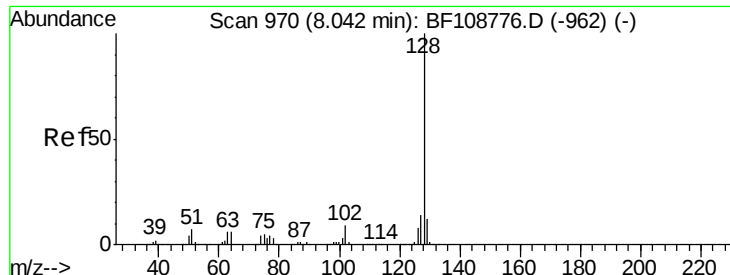
#30
1,2,4-Trichlorobenzene
Concen: 44.783 ng
RT: 7.97 min Scan# 957
Delta R.T. 0.01 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.9	76.8	115.2
145	32.3	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

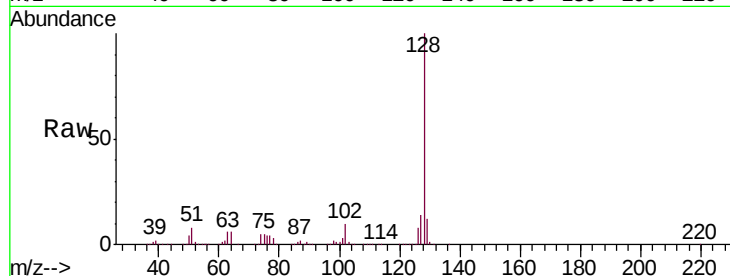




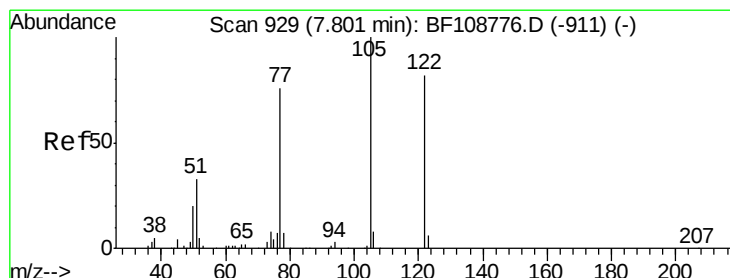
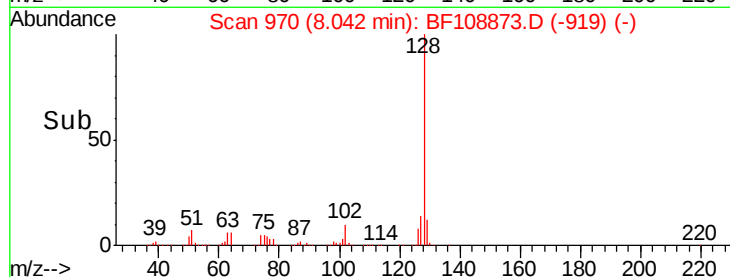
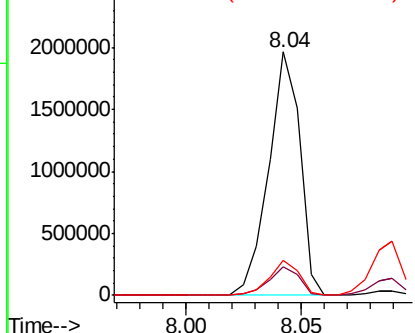
#31
Naphthalene
Concen: 49.224 ng
RT: 8.04 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Instrument :
BNA_F
ClientSampleId :
PB112683BS

Tgt Ion:128 Resp: 1847307
Ion Ratio Lower Upper
128 100
129 12.0 8.8 13.2
127 14.1 10.9 16.3

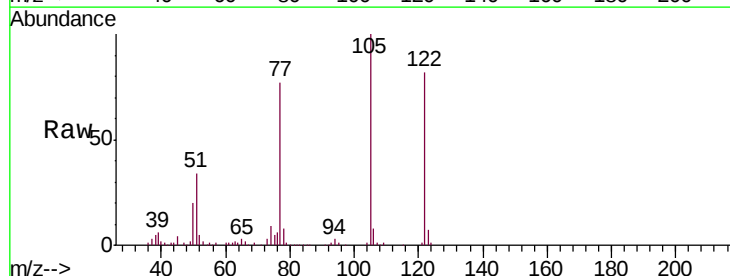


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

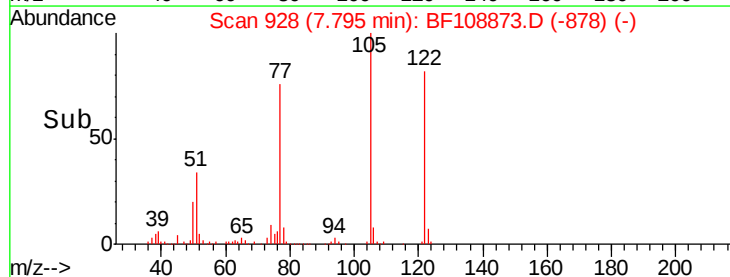
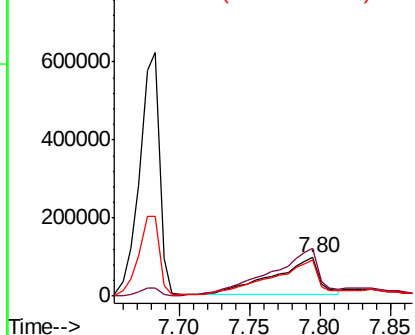


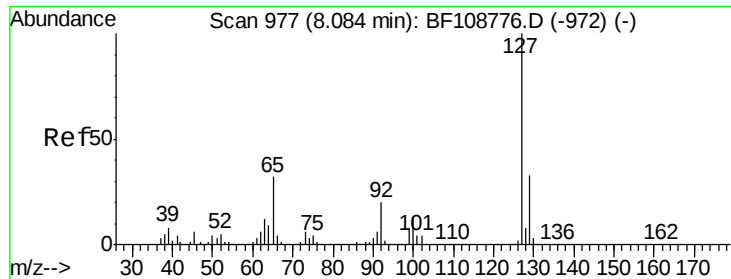
#32
Benzoic acid
Concen: 31.692 ng
RT: 7.80 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Tgt Ion:122 Resp: 216113
Ion Ratio Lower Upper
122 100
105 122.2 101.1 141.1
77 93.6 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

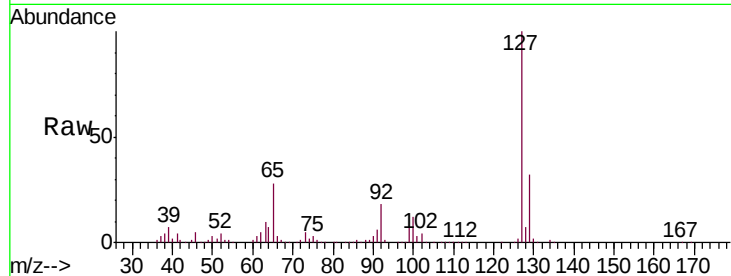




#33
4-Chloroaniline
Concen: 23.191 ng
RT: 8.09 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Instrument :
BNA_F
ClientSampleId :
PB112683BS

Tgt Ion:	127	Resp:	399719
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	28.0	25.0	37.4
92	18.5	15.2	22.8



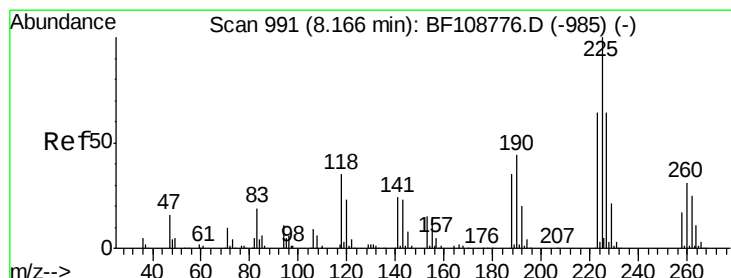
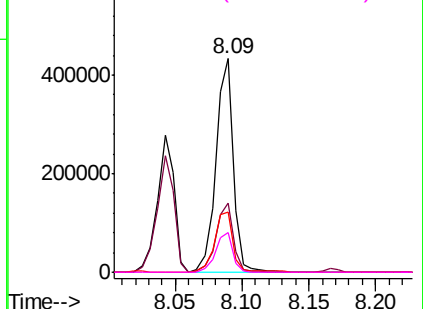
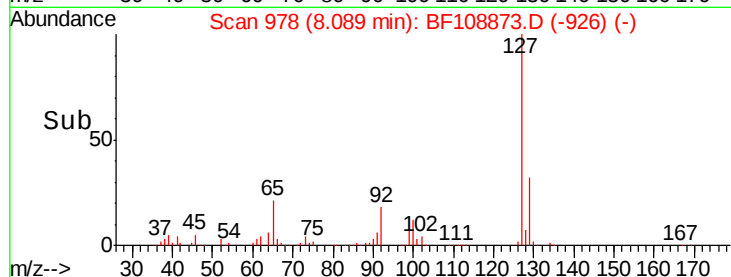
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

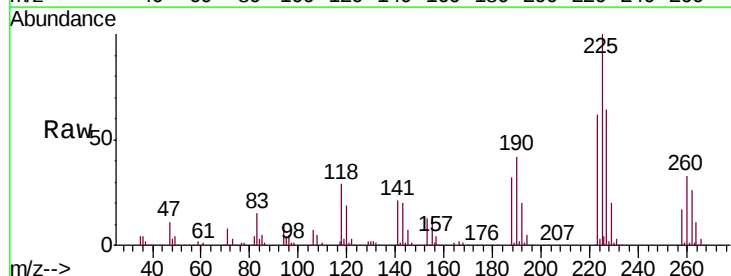
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 44.719 ng
RT: 8.17 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF108873.D
Acq: 7 Sep 2018 20:54

Tgt Ion:	225	Resp:	341580
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.6	76.0
227	64.0	51.9	77.9

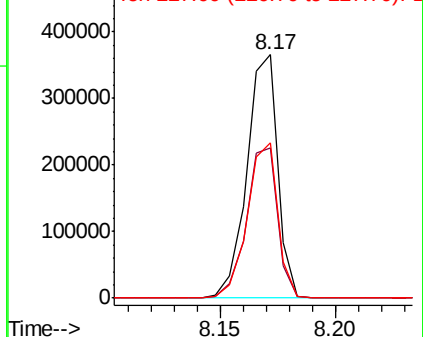
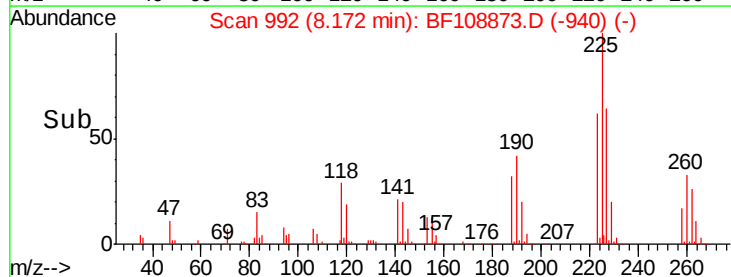


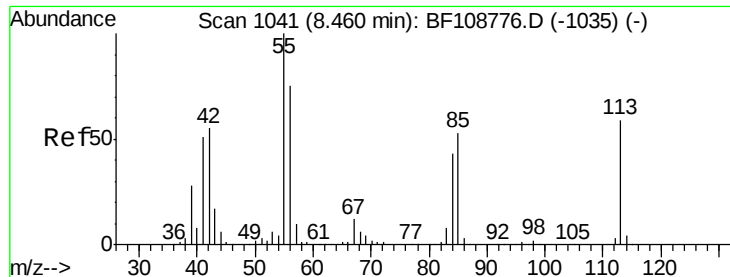
Abundance

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

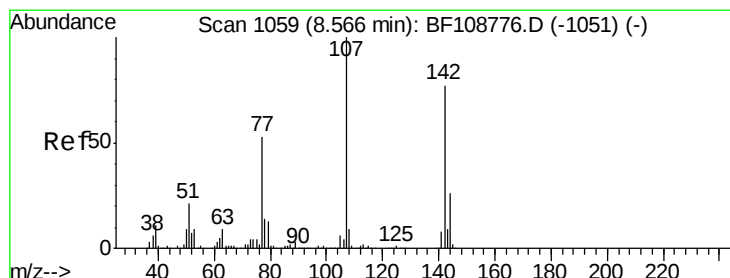
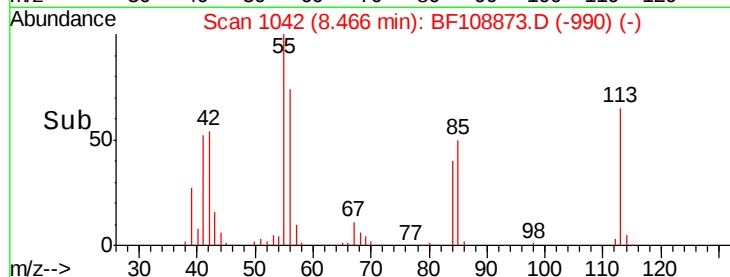
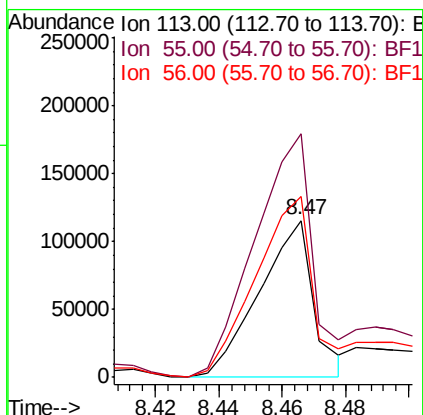
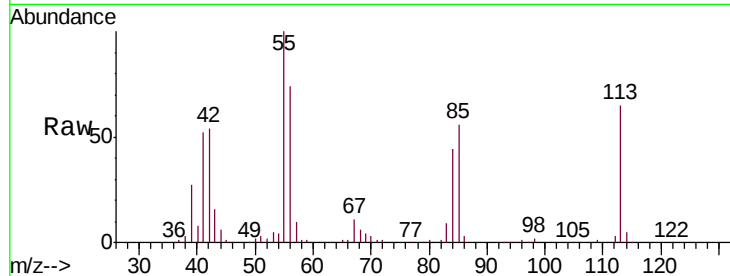




#35
 Caprolactam
 Concen: 34.033 ng
 RT: 8.47 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BF108873.D
 Acq: 7 Sep 2018 20:54

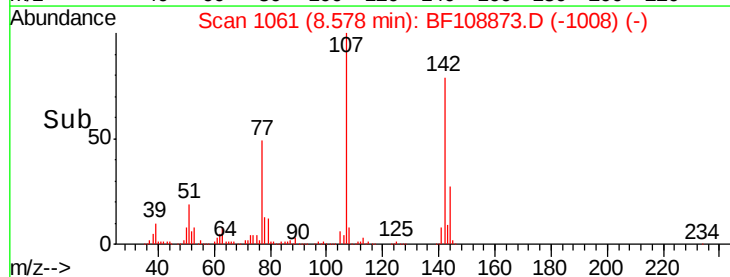
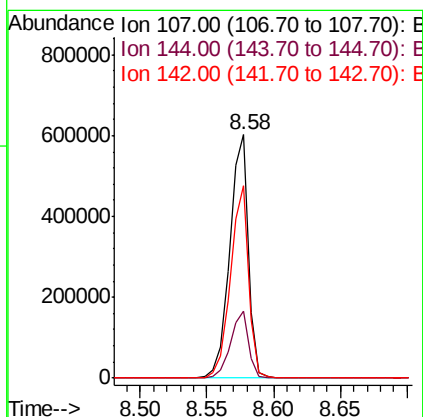
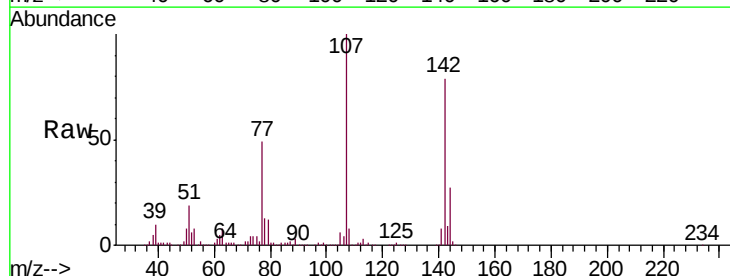
Instrument :
 BNA_F
 ClientSampleId :
 PB112683BS

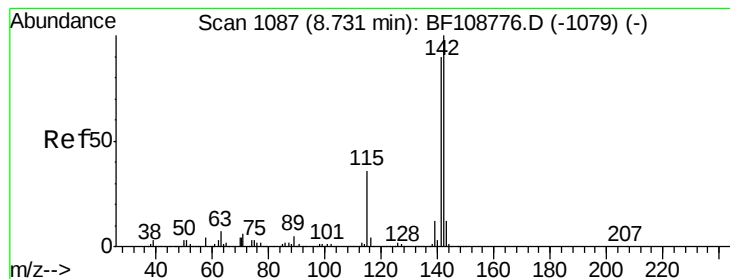
Tgt Ion:113 Resp: 136059
 Ion Ratio Lower Upper
 113 100
 55 155.0 163.3 203.3#
 56 115.3 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 47.230 ng
 RT: 8.58 min Scan# 1061
 Delta R.T. 0.01 min
 Lab File: BF108873.D
 Acq: 7 Sep 2018 20:54

Tgt Ion:107 Resp: 593599
 Ion Ratio Lower Upper
 107 100
 144 27.3 20.5 30.7
 142 79.1 62.0 93.0





#37

2-Methylnaphthalene

Concen: 49.605 ng

RT: 8.74 min Scan# 1088

Delta R.T. 0.01 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

Instrument :

BNA_F

ClientSampleId :

PB112683BS

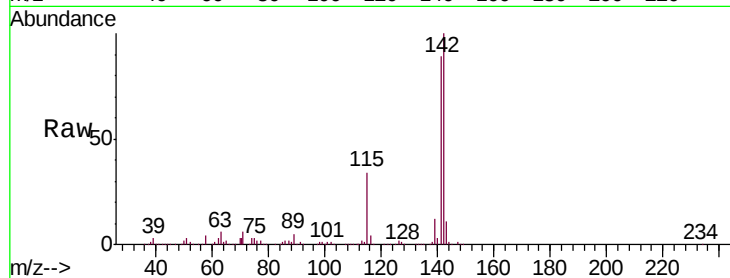
Tgt Ion:142 Resp: 1229867

Ion Ratio Lower Upper

142 100

141 88.8 70.8 106.2

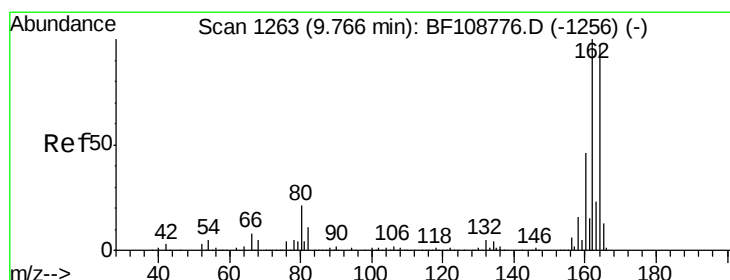
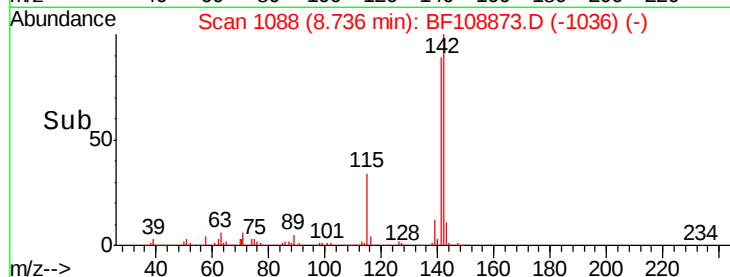
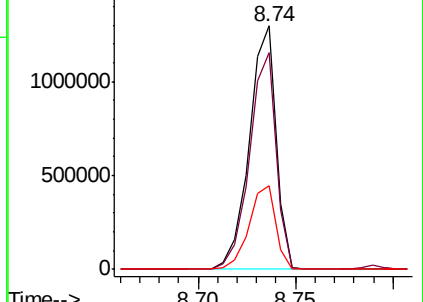
115 34.3 26.1 39.1



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: 9.77 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

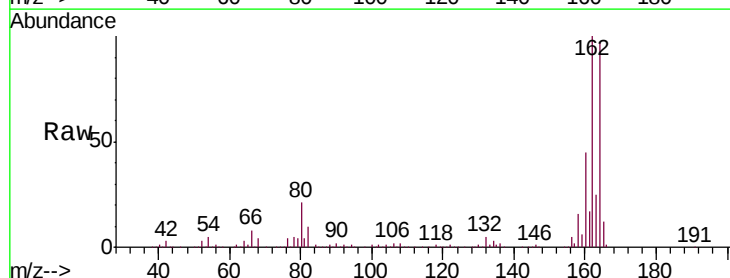
Tgt Ion:164 Resp: 379704

Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

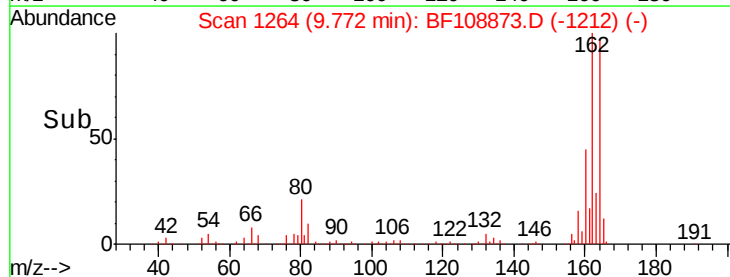
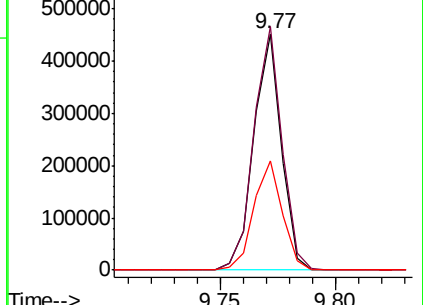
160 46.1 38.3 57.5

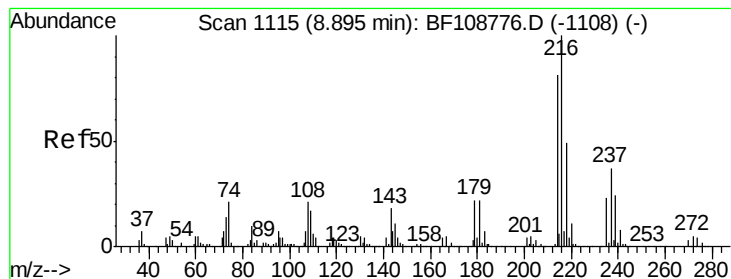


Abundance Ion 164.00 (163.70 to 164.70): E

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: 48.097 ng

RT: 8.90 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

Instrument :

BNA_F

ClientSampleId :

PB112683BS

Tgt Ion:216 Resp: 545926

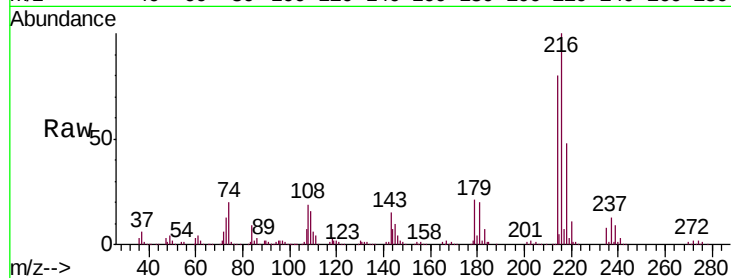
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 20.9 18.1 27.1

108 19.6 17.2 25.8

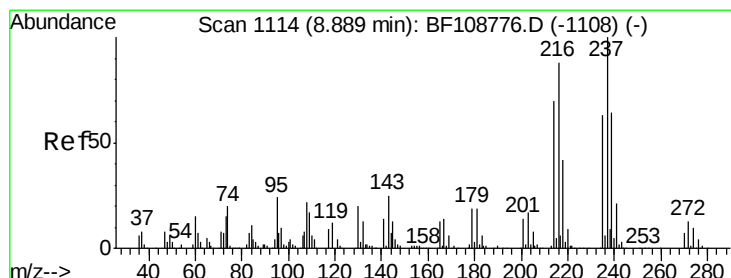
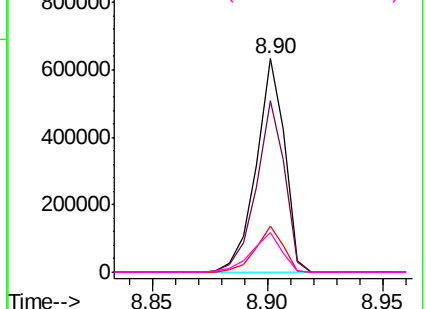
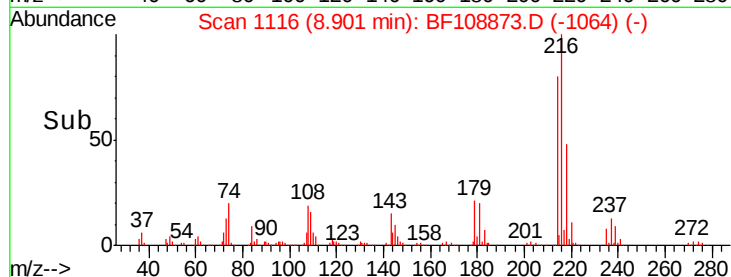


Abundance Ion 216.00 (215.70 to 216.70): E

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: 54.507 ng

RT: 8.90 min Scan# 1115

Delta R.T. 0.01 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

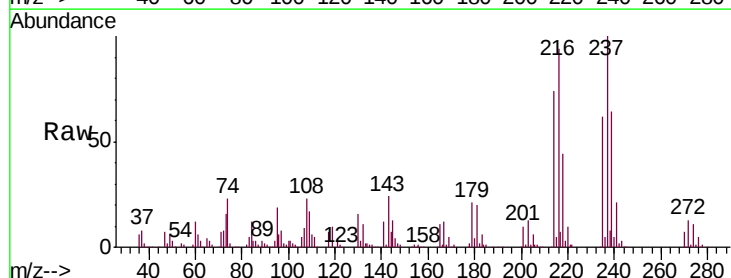
Tgt Ion:237 Resp: 311245

Ion Ratio Lower Upper

237 100

235 62.4 44.8 84.8

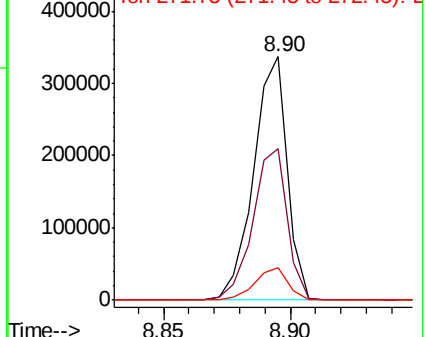
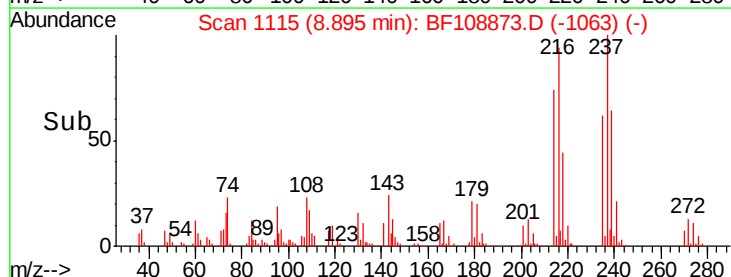
272 13.2 0.0 33.3

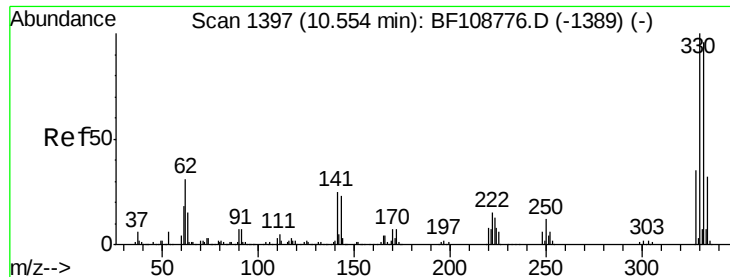


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

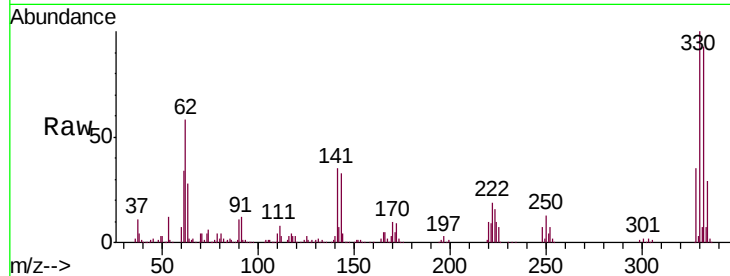




#41
 2,4,6-Tribromophenol
 Concen: 96.440 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF108873.D
 Acq: 7 Sep 2018 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PB112683BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	31.9	29.9	44.9

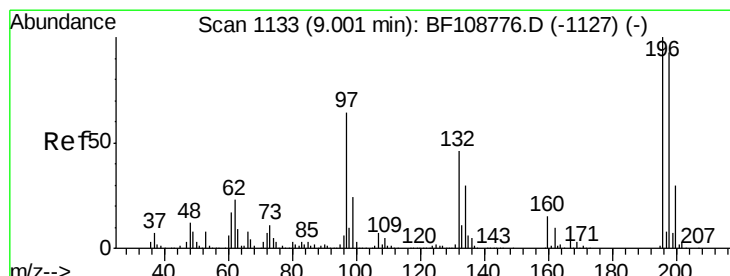
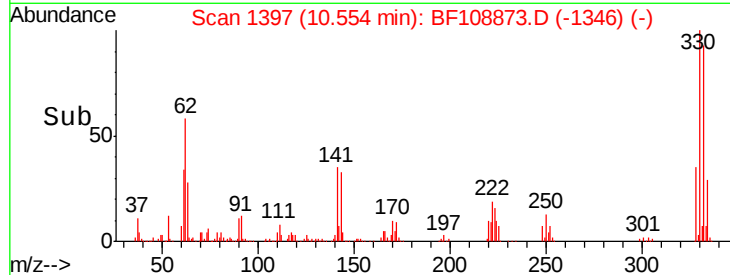
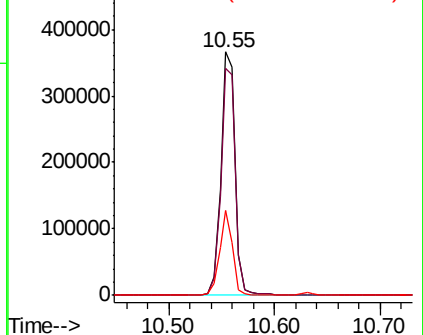


Abundance

Ion 329.80 (329.50 to 330.50): E

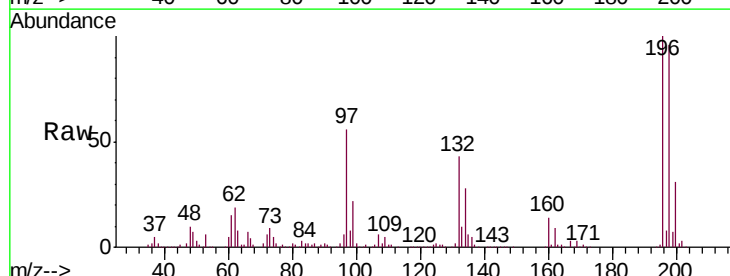
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 50.948 ng
 RT: 9.01 min Scan# 1135
 Delta R.T. 0.01 min
 Lab File: BF108873.D
 Acq: 7 Sep 2018 20:54

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.7	113.5
200	30.8	24.5	36.7

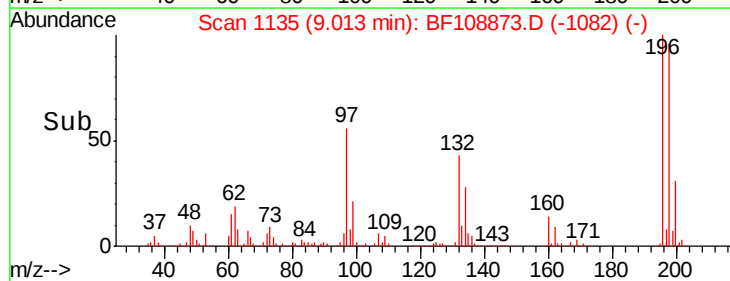
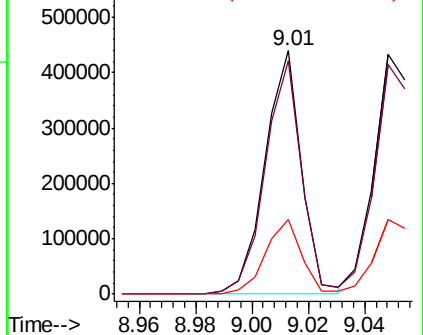


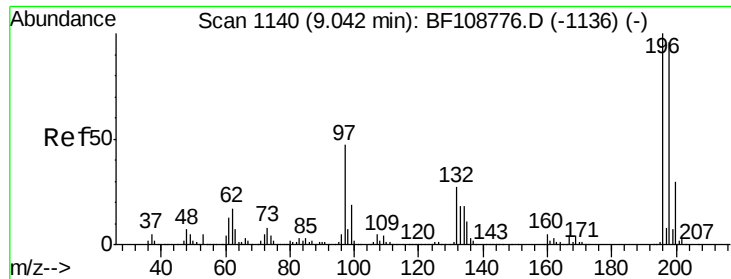
Abundance

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

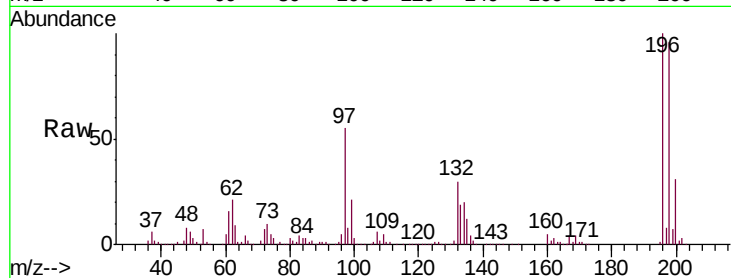




#43
 2,4,5-Trichlorophenol
 Concen: 50.976 ng
 RT: 9.05 min Scan# 1141
 Delta R.T. 0.01 min
 Lab File: BF108873.D
 Acq: 7 Sep 2018 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PB112683BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	74.6	112.0
97	55.3	42.9	64.3
132	29.9	26.3	39.5



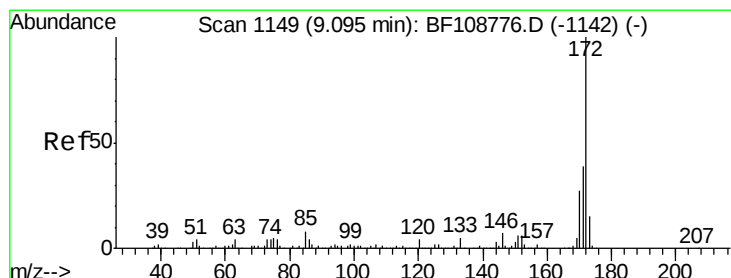
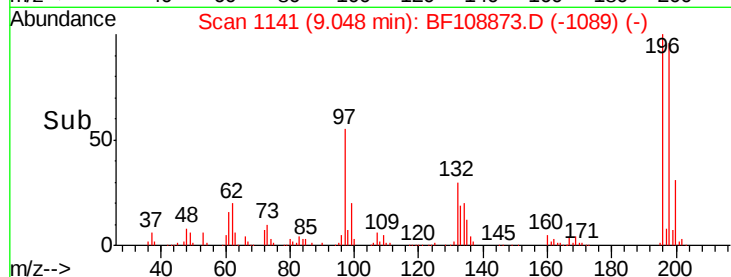
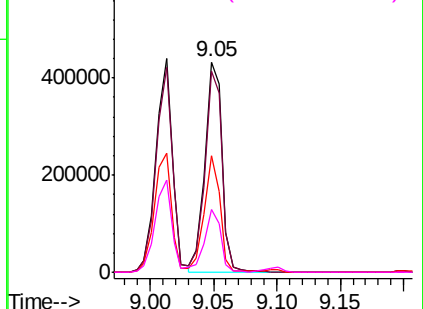
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

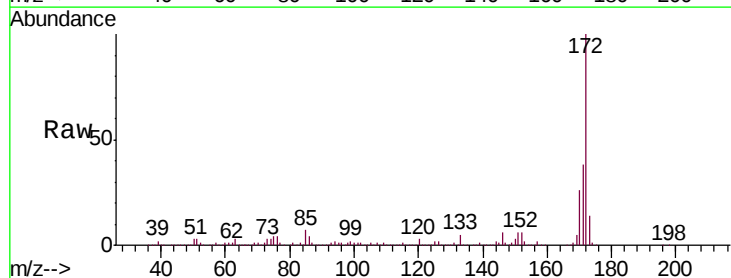
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 103.459 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: BF108873.D
 Acq: 7 Sep 2018 20:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.7	44.5
170	26.3	19.6	29.4

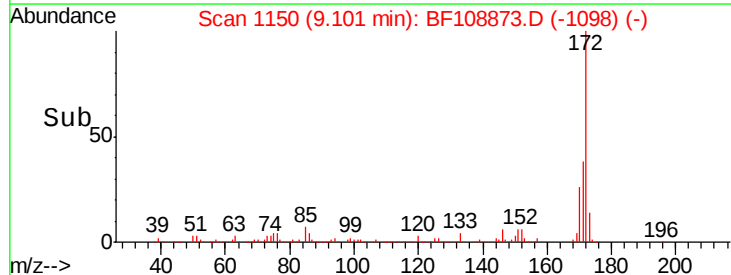
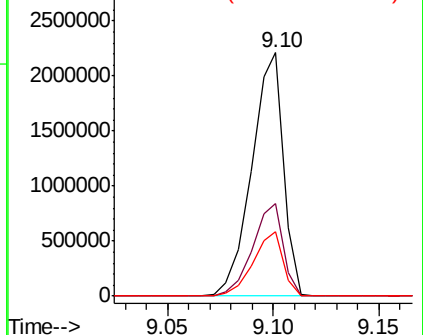


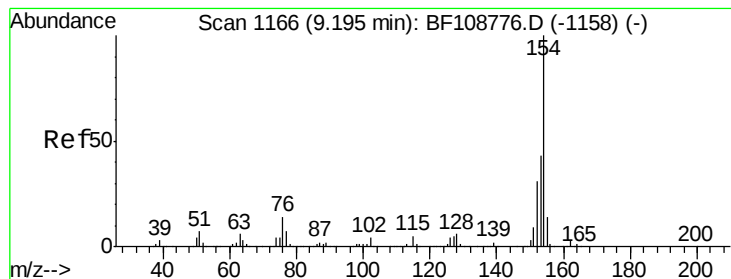
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 49.309 ng

RT: 9.20 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

Instrument :

BNA_F

ClientSampleId :

PB112683BS

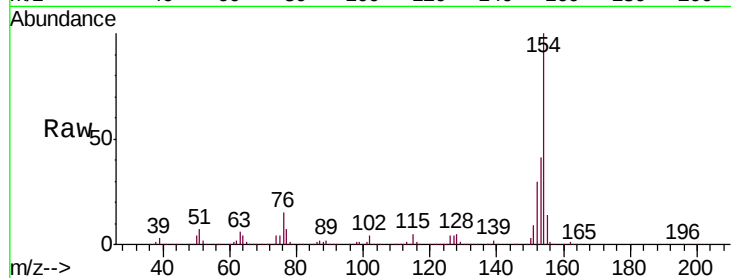
Tgt Ion:154 Resp: 1441403

Ion Ratio Lower Upper

154 100

153 40.9 21.3 61.3

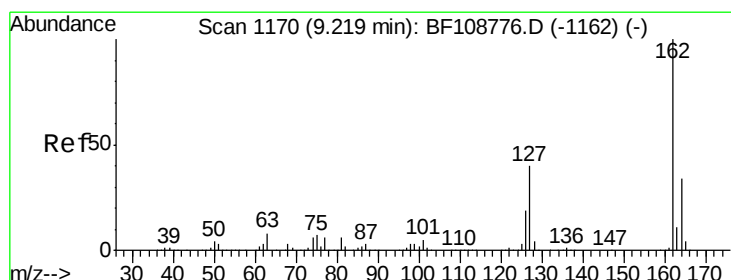
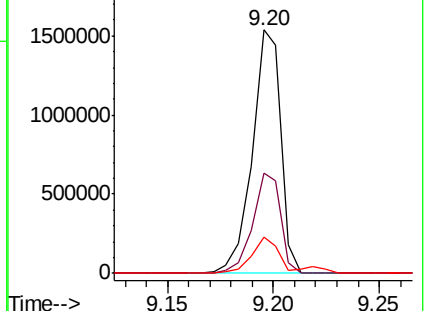
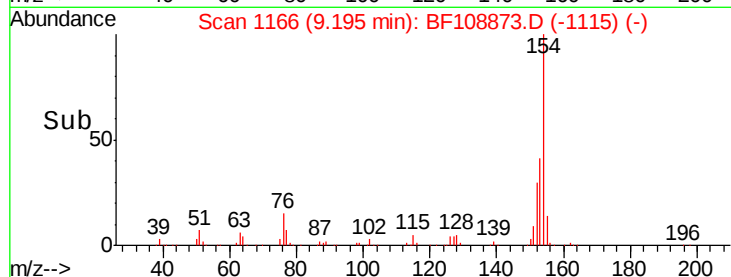
76 14.8 0.0 34.0



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: 47.624 ng

RT: 9.22 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF108873.D

Acq: 7 Sep 2018 20:54

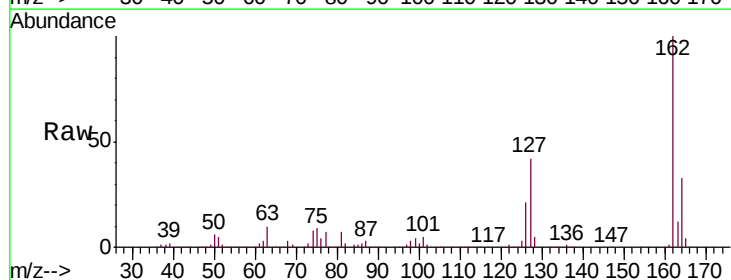
Tgt Ion:162 Resp: 1125889

Ion Ratio Lower Upper

162 100

127 42.4 33.9 50.9

164 33.4 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

