

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
 Data File : BF113984.D
 Acq On : 25 Apr 2019 18:17
 Operator : JU/SJ
 Sample : K2555-03MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HW-7MS

Quant Time: Apr 25 23:17:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	103470	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	397831	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	216556	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	458435	20.00	ng	0.00
76) Chrysene-d12	14.06	240	415206	20.00	ng	0.00
87) Perylene-d12	15.56	264	459397	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	307355	50.81	ng	0.00
7) Phenol-d6	6.52	99	260522	34.32	ng	0.00
23) Nitrobenzene-d5	7.46	82	637355	98.92	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	314690	119.29	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1304207	94.19	ng	0.00
79) Terphenyl-d14	13.00	244	1838556	90.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	48963	17.170	ng	95
3) Pyridine	3.45	79	73940	9.499	ng	96
4) n-Nitrosodimethylamine	3.36	42	45962	17.249	ng	91
6) Aniline	6.55	93	180406	17.309	ng	99
8) 2-Chlorophenol	6.68	128	201454	29.167	ng	98
9) Benzaldehyde	6.44	77	79221	13.939	ng	95
10) Phenol	6.53	94	105216	11.593	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	295323	43.241	ng	98
12) 1,3-Dichlorobenzene	6.84	146	307380	39.295	ng	98
13) 1,4-Dichlorobenzene	6.92	146	313142	39.800	ng	99
14) 1,2-Dichlorobenzene	7.07	146	300576	41.569	ng	99
15) Benzyl Alcohol	7.03	79	155761	30.471	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	342932	43.014	ng	94
17) 2-Methylphenol	7.15	107	156314	25.819	ng	98
18) Hexachloroethane	7.41	117	103155	37.401	ng	96
19) n-Nitroso-di-n-propylamine	7.30	70	224202	45.614	ng	98
20) 3+4-Methylphenols	7.30	107	167355	24.466	ng	# 1
22) Acetophenone	7.30	105	442556	49.989	ng	# 96
24) Nitrobenzene	7.47	77	343970	48.314	ng	98
25) Isophorone	7.72	82	614645	46.621	ng	98
26) 2-Nitrophenol	7.79	139	127273	39.186	ng	100
27) 2,4-Dimethylphenol	7.83	122	202718	38.308	ng	100
28) bis(2-Chloroethoxy)methane	7.92	93	389284	46.338	ng	100
29) 2,4-Dichlorophenol	8.03	162	214203	35.398	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	295560	43.804	ng	98
31) Naphthalene	8.20	128	878572	46.487	ng	99
32) Benzoic acid	7.90	122	47676	13.341	ng	100
33) 4-Chloroaniline	8.24	127	148768	18.603	ng	98
34) Hexachlorobutadiene	8.32	225	165630	39.378	ng	98
35) Caprolactam	8.60	113	15313	7.955	ng	96
36) 4-Chloro-3-methylphenol	8.72	107	204748	34.152	ng	99
37) 2-Methylnaphthalene	8.89	142	618269	48.513	ng	98
38) 1-Methylnaphthalene	8.99	142	587260	47.742	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	321979	45.772	ng	99

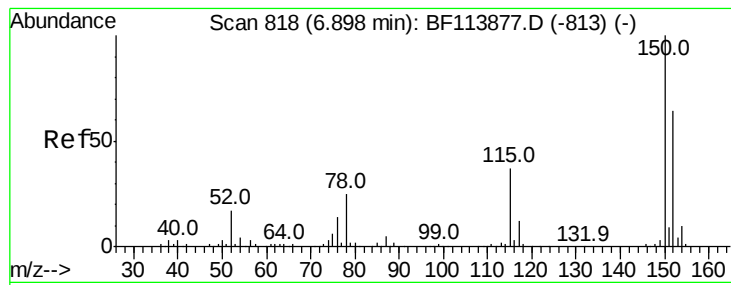
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
 Data File : BF113984.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	343931	87.677	nq	99
43) 2,4,6-Trichlorophenol	9.17	196	170060	38.072	nq	99
44) 2,4,5-Trichlorophenol	9.21	196	191548	38.231	nq	98
46) 1,1'-Biphenyl	9.36	154	792395	47.898	nq	98
47) 2-Chloronaphthalene	9.38	162	643305	47.818	nq	98
48) 2-Nitroaniline	9.47	65	185827	52.691	nq	93
49) Acenaphthylene	9.80	152	1003506	47.647	nq	99
50) Dimethylphthalate	9.65	163	796134	50.833	nq	100
51) 2,6-Dinitrotoluene	9.71	165	181876	54.129	nq	91
52) Acenaphthene	9.97	154	654620	52.593	nq	97
53) 3-Nitroaniline	9.87	138	100207	28.381	nq	100
54) 2,4-Dinitrophenol	9.99	184	131594	89.428	nq	# 4
55) Dibenzofuran	10.14	168	928496	49.800	nq	98
56) 4-Nitrophenol	10.04	139	89257	31.928	nq	99
57) 2,4-Dinitrotoluene	10.12	165	246848	58.204	nq	99
58) Fluorene	10.48	166	709660	50.556	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	174232	39.572	nq	98
60) Diethylphthalate	10.35	149	765557	51.474	nq	99
61) 4-Chlorophenyl-phenylether	10.47	204	376892	50.699	nq	97
62) 4-Nitroaniline	10.49	138	173597	50.383	nq	96
63) Azobenzene	10.63	77	709121	49.195	nq	97
65) 4,6-Dinitro-2-methylphenol	10.53	198	86263	42.111	nq	94
66) n-Nitrosodiphenylamine	10.59	169	651778	47.383	nq	99
67) 4-Bromophenyl-phenylether	10.96	248	247812	44.747	nq	95
68) Hexachlorobenzene	11.03	284	284589	46.763	nq	99
69) Atrazine	11.12	200	228689	51.107	nq	99
70) Pentachlorophenol	11.23	266	263355	76.430	nq	96
71) Phenanthrene	11.45	178	1133771	49.211	nq	99
72) Anthracene	11.50	178	1176067	50.550	nq	99
73) Carbazole	11.65	167	1084777	52.263	nq	99
74) Di-n-butylphthalate	11.97	149	1268138	51.938	nq	100
75) Fluoranthene	12.63	202	1290613	51.345	nq	99
77) Benzidine	12.75	184	170301	13.766	nq	97
78) Pyrene	12.86	202	1319414	45.441	nq	99
80) Butylbenzylphthalate	13.47	149	582333	50.974	nq	96
81) Benzo(a)anthracene	14.05	228	1263530	51.650	nq	99
82) 3,3'-Dichlorobenzidine	14.01	252	382296	42.636	nq	# 99
83) Chrysene	14.09	228	1260020	52.887	nq	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	808257	55.607	nq	100
85) Di-n-octyl phthalate	14.67	149	1413742	62.140	nq	98
86) Indeno(1,2,3-cd)pyrene	17.06	276	1332568	59.048	nq	98
88) Benzo(b)fluoranthene	15.13	252	1386183	47.691	nq	99
89) Benzo(k)fluoranthene	15.16	252	1270843	50.830	nq	99
90) Benzo(a)pyrene	15.50	252	1267595	50.420	nq	100
91) Dibenzo(a,h)anthracene	17.08	278	1125069	47.673	nq	99
92) Benzo(g,h,i)perylene	17.51	276	1088129	45.689	nq	99

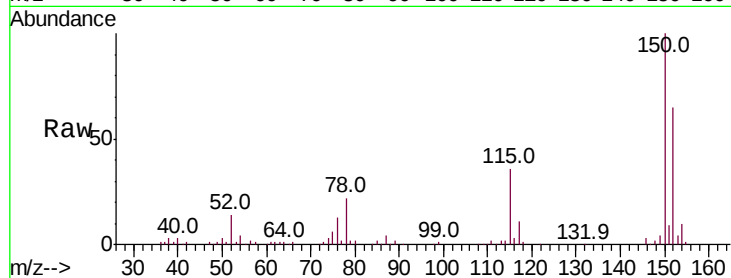
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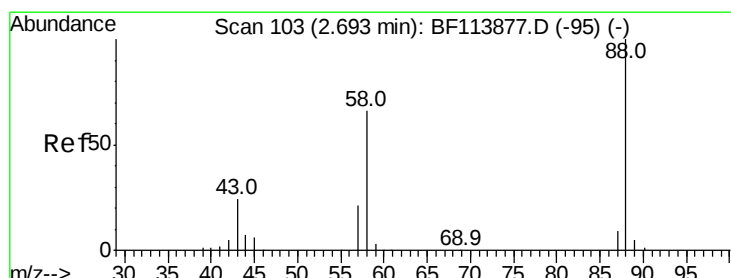
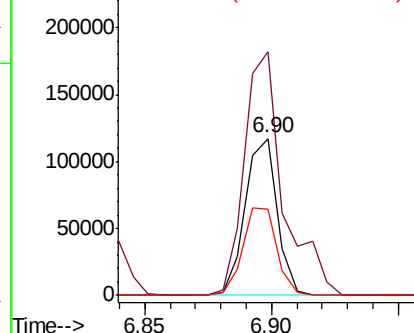
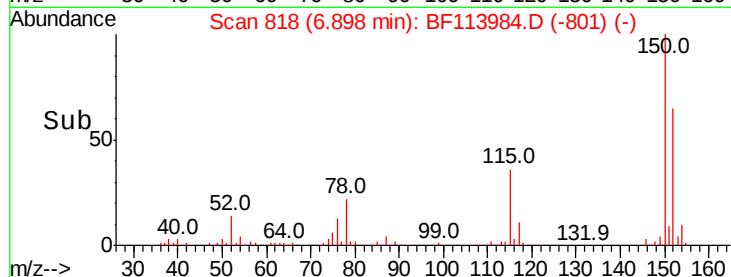
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF113984.D
 Acq: 25 Apr 2019 18:17

Instrument :
 BNA_F
 ClientSampleId :
 HW-7MS

Tot Ion:152 Resp: 103470
 Ion Ratio Lower Upper
 152 100
 150 155.0 125.9 188.9
 115 55.1 45.9 68.9

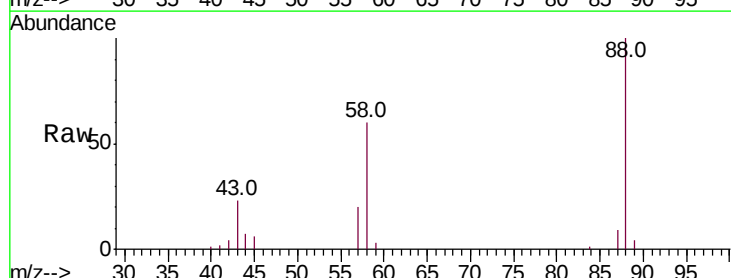


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

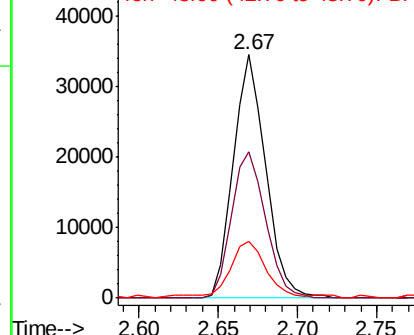
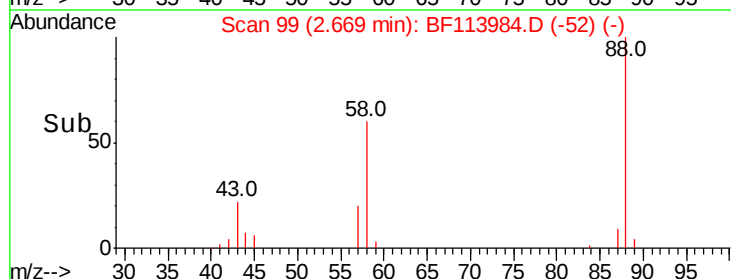


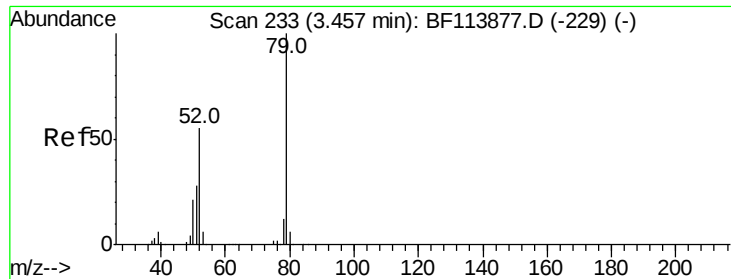
#2
 1,4-Dioxane
 Concen: 17.170 ng
 RT: 2.67 min Scan# 99
 Delta R.T. -0.02 min
 Lab File: BF113984.D
 Acq: 25 Apr 2019 18:17

Tgt Ion: 88 Resp: 48963
 Ion Ratio Lower Upper
 88 100
 58 62.7 53.3 79.9
 43 26.4 19.0 28.4



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

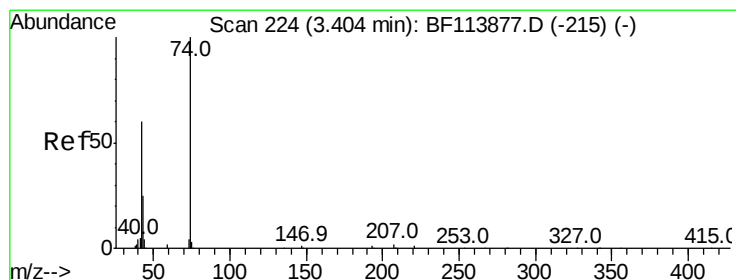
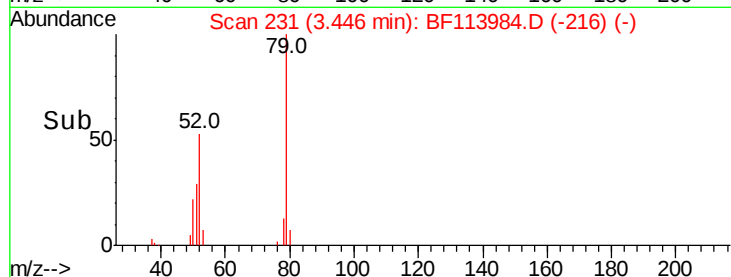
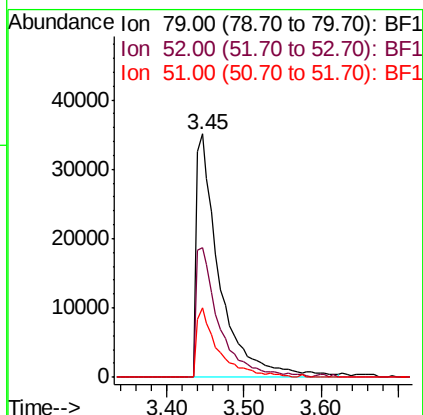
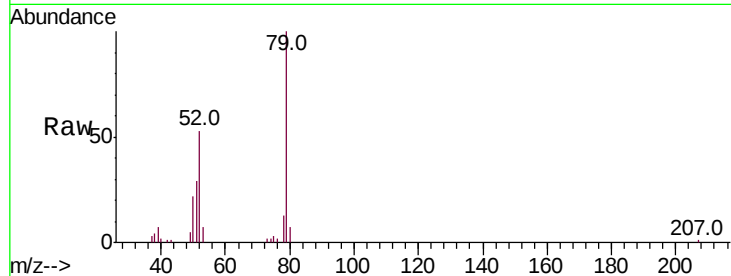




#3
 Pvridine
 Concen: 9.499 ng
 RT: 3.45 min Scan# 231
 Delta R.T. -0.01 min
 Lab File: BF113984.D
 Acq: 25 Apr 2019 18:17

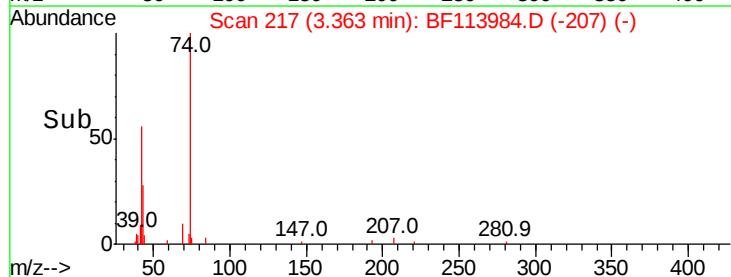
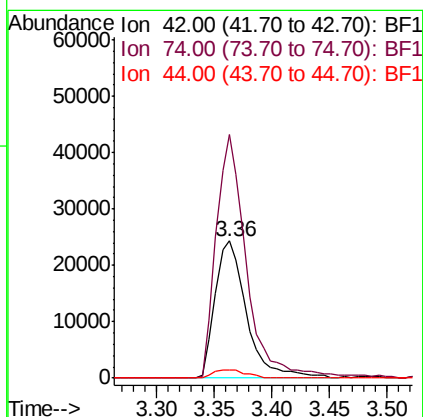
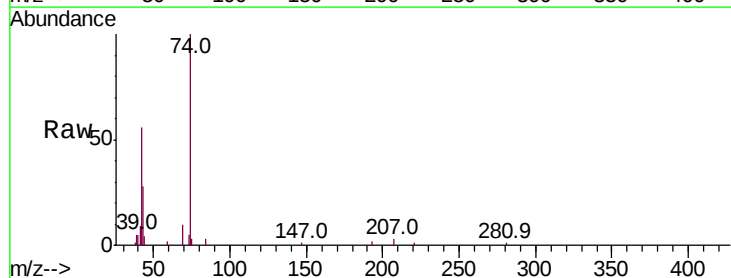
Instrument :
 BNA_F
 ClientSampleId :
 HW-7MS

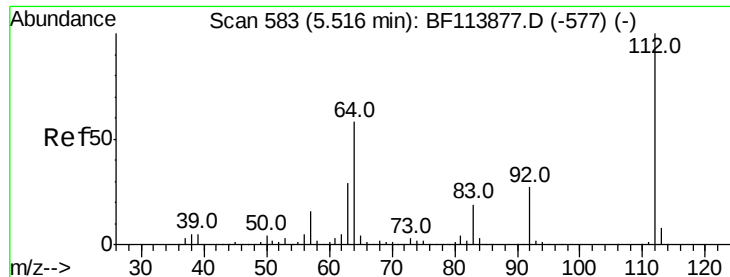
Tot Ion: 79 Resp: 73940
 Ion Ratio Lower Upper
 79 100
 52 53.4 45.3 67.9
 51 28.6 22.1 33.1



#4
 n-Nitrosodimethylamine
 Concen: 17.249 ng
 RT: 3.36 min Scan# 217
 Delta R.T. -0.04 min
 Lab File: BF113984.D
 Acq: 25 Apr 2019 18:17

Tgt Ion: 42 Resp: 45962
 Ion Ratio Lower Upper
 42 100
 74 177.9 132.6 198.8
 44 6.3 5.8 8.8





#5

2-Fluorophenol

Concen: 50.806 ng

RT: 5.51 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF113984.D

Acq: 25 Apr 2019 18:17

Instrument :

BNA_F

ClientSampleId :

HW-7MS

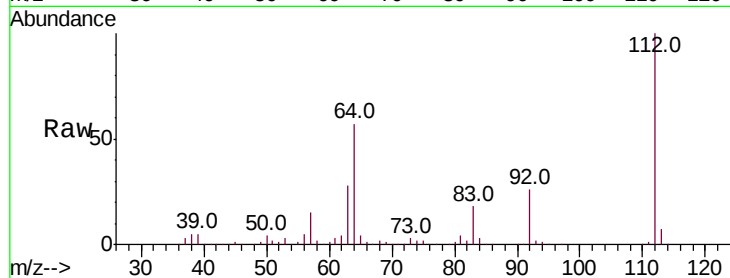
Tot Ion:112 Resp: 307355

Ion Ratio Lower Upper

112 100

64 57.3 46.6 69.8

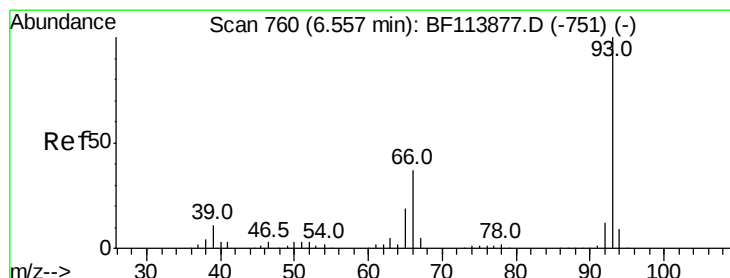
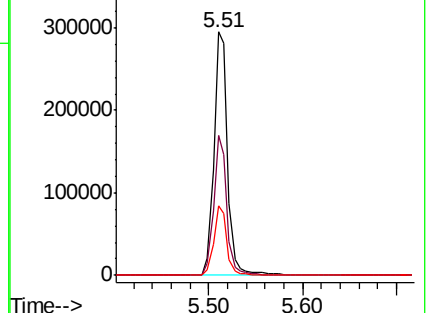
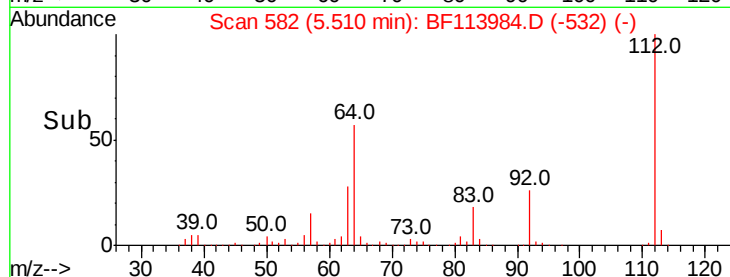
63 28.4 23.1 34.7



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: 17.309 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF113984.D

Acq: 25 Apr 2019 18:17

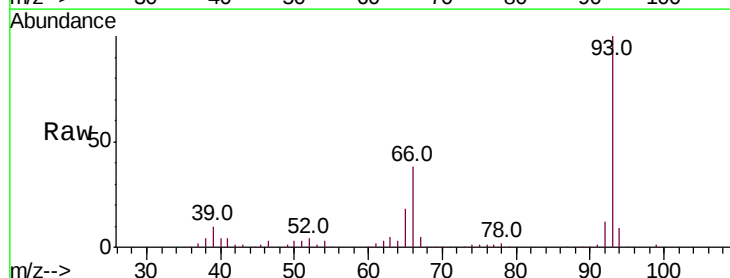
Tgt Ion: 93 Resp: 180406

Ion Ratio Lower Upper

93 100

66 37.8 29.8 44.6

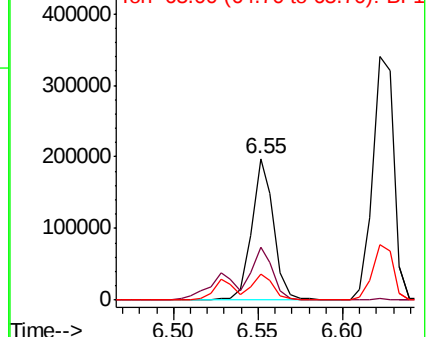
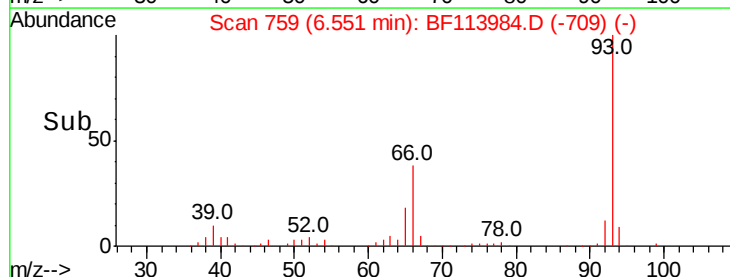
65 18.1 14.9 22.3

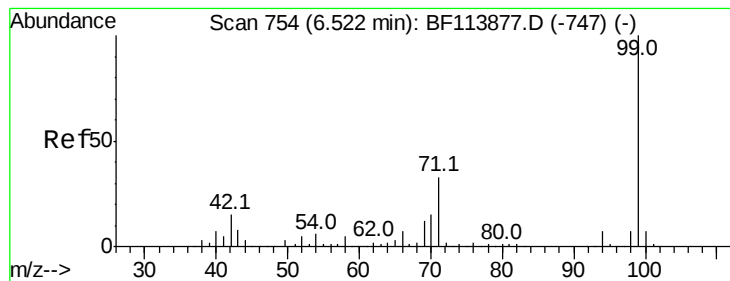


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 34.325 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF113984.D

Acq: 25 Apr 2019 18:17

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BNA_F

ClientSampleId :

HW-7MS

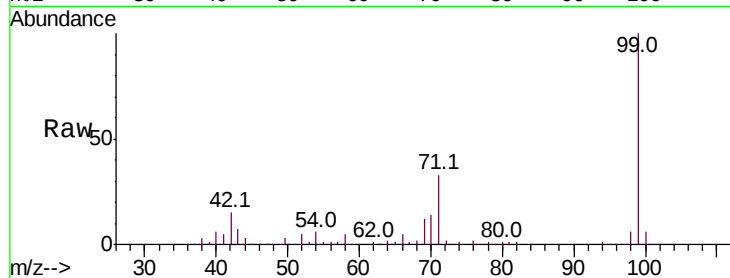
Tot Ion: 99 Resp: 260522

Ion Ratio Lower Upper

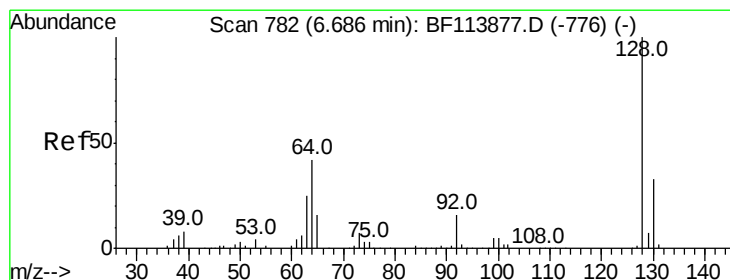
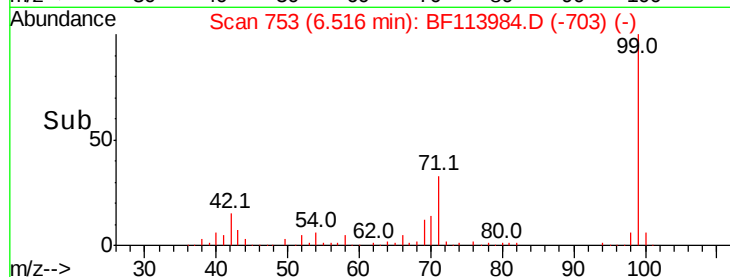
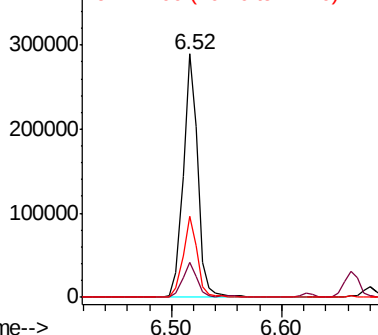
99 100

42 14.6 12.5 18.7

71 33.1 26.9 40.3



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: 29.167 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF113984.D

Acq: 25 Apr 2019 18:17

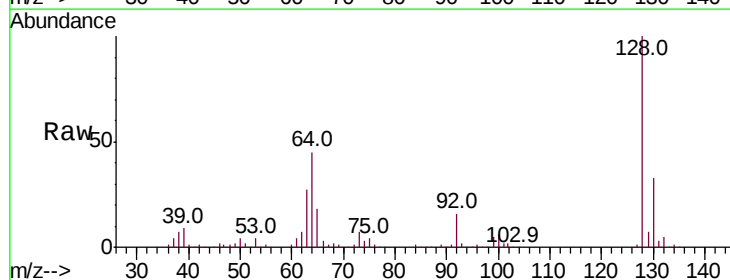
Tgt Ion: 128 Resp: 201454

Ion Ratio Lower Upper

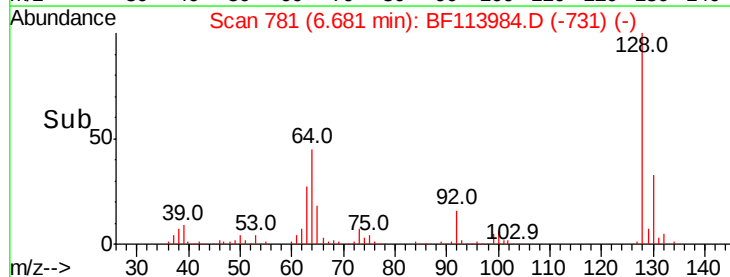
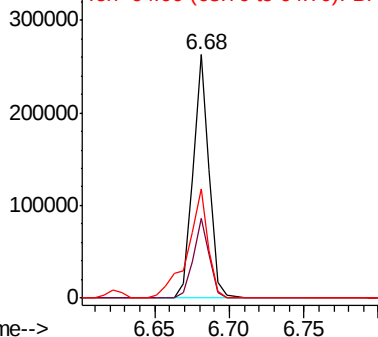
128 100

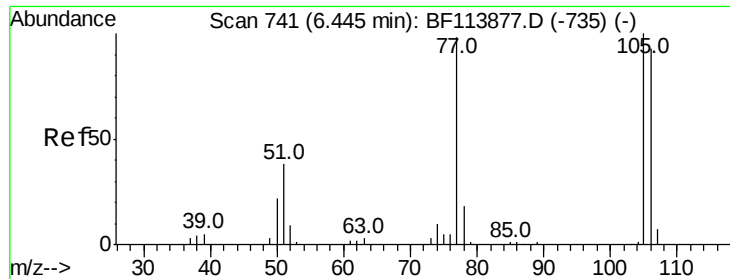
130 32.9 12.3 52.3

64 44.8 26.1 66.1



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: 13.939 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF113984.D

Acq: 25 Apr 2019 18:17

Instrument :

BNA_F

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HW-7MS

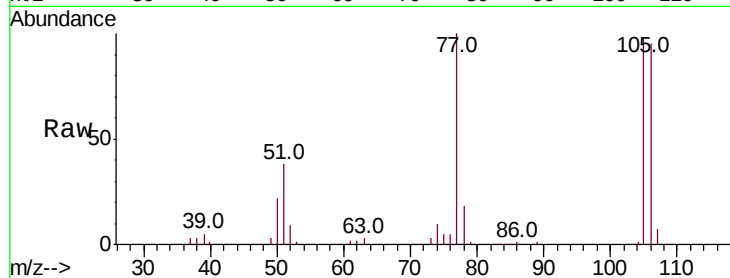
Tot Ion: 77 Resp: 79221

Ion Ratio Lower Upper

77 100

105 98.4 74.1 114.1

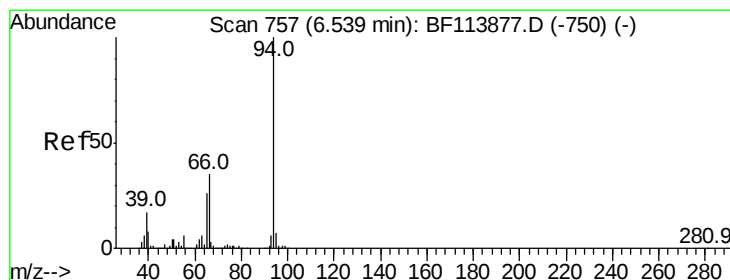
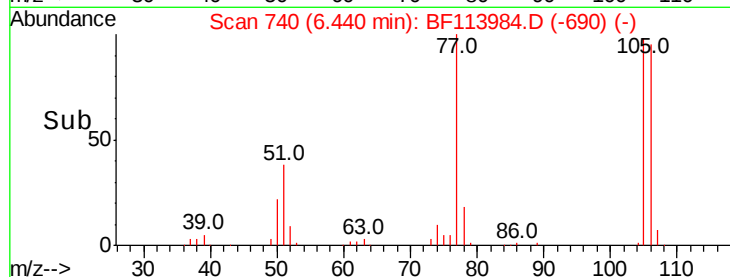
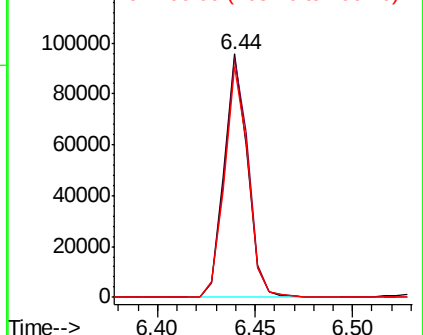
106 94.7 70.3 110.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 11.593 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF113984.D

Acq: 25 Apr 2019 18:17

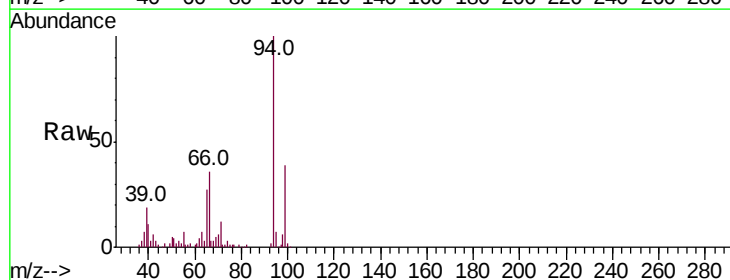
Tgt Ion: 94 Resp: 105216

Ion Ratio Lower Upper

94 100

65 27.1 8.1 48.1

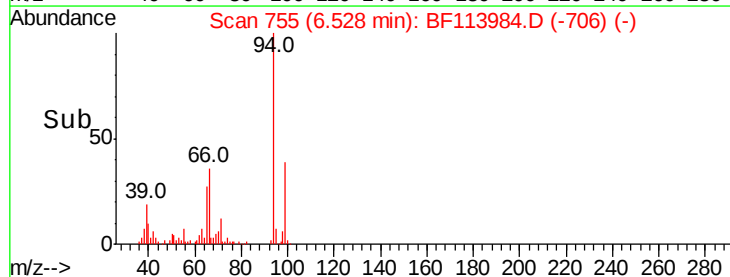
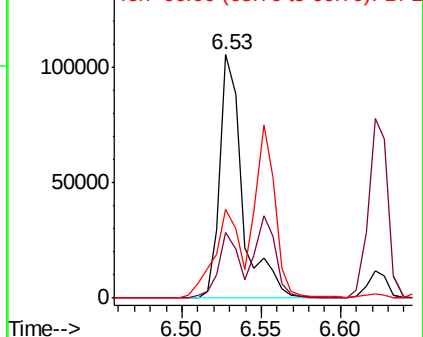
66 36.2 16.6 56.6

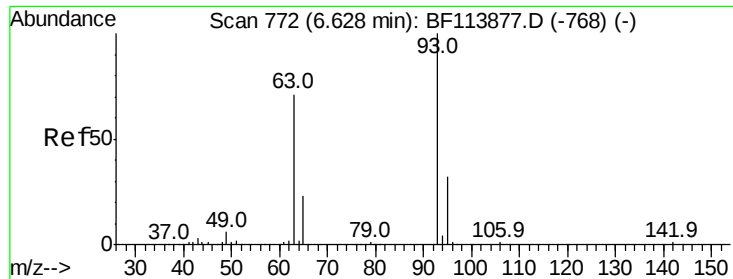


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 43.241 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF113984.D

Acq: 25 Apr 2019 18:17

Instrument :

BNA_F

ClientSampleId :

HW-7MS

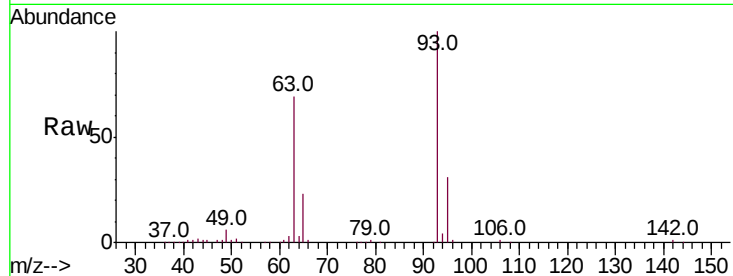
Tot Ion: 93 Resp: 295323

Ion Ratio Lower Upper

93 100

63 69.2 50.7 90.7

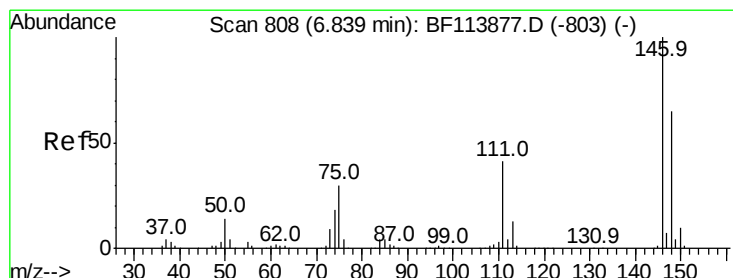
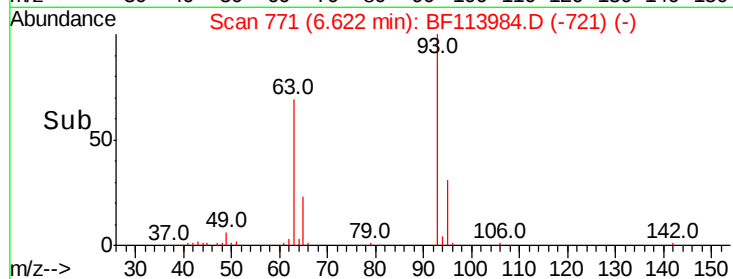
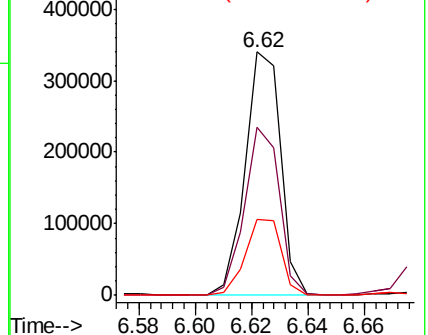
95 31.2 12.3 52.3



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: 39.295 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF113984.D

Acq: 25 Apr 2019 18:17

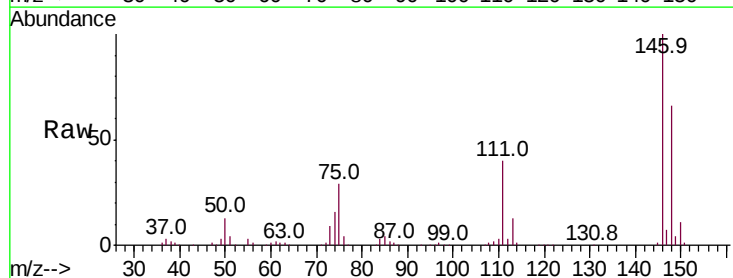
Tgt Ion: 146 Resp: 307380

Ion Ratio Lower Upper

146 100

148 65.6 51.0 76.6

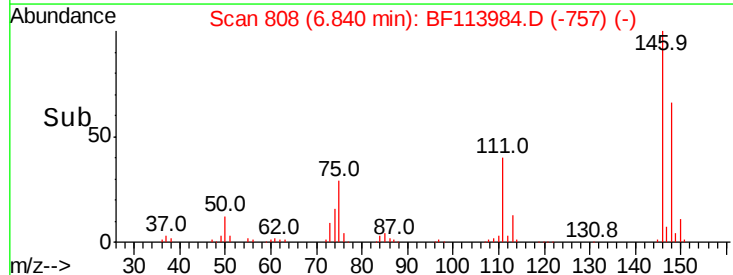
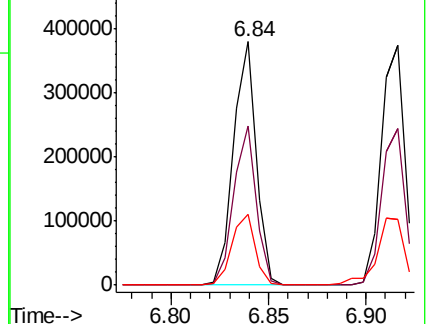
75 28.8 23.8 35.8

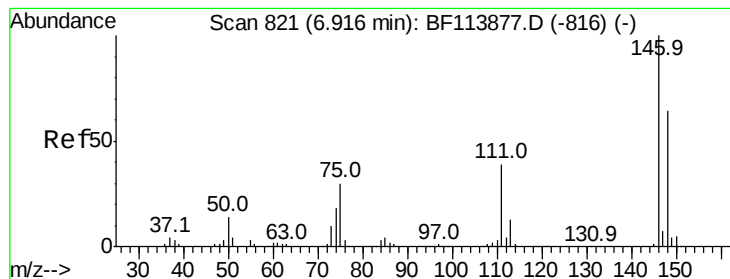


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 39.800 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF113984.D

Acq: 25 Apr 2019 18:17

Instrument :

BNA_F

ClientSampled :

HW-7MS

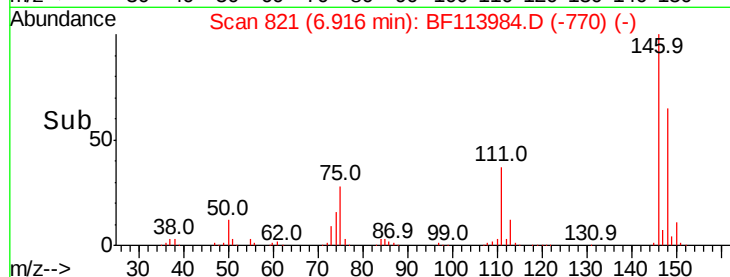
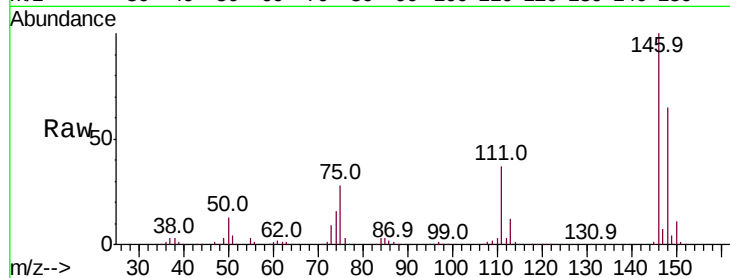
Tot Ion:146 Resp: 313142

Ion Ratio Lower Upper

146 100

148 65.1 51.8 77.8

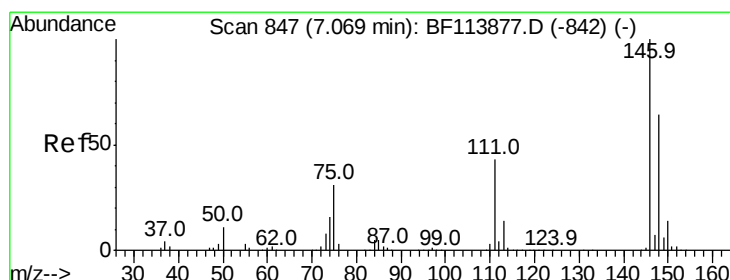
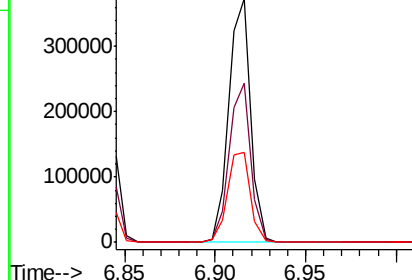
111 37.0 30.9 46.3



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: 41.569 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF113984.D

Acq: 25 Apr 2019 18:17

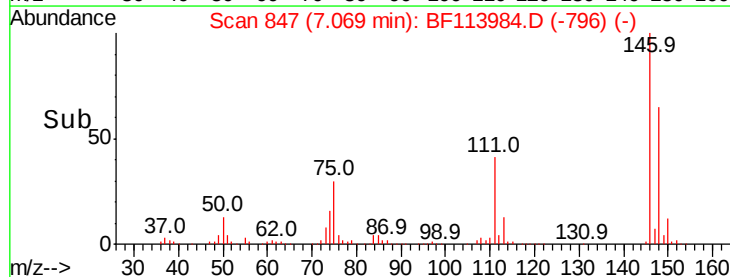
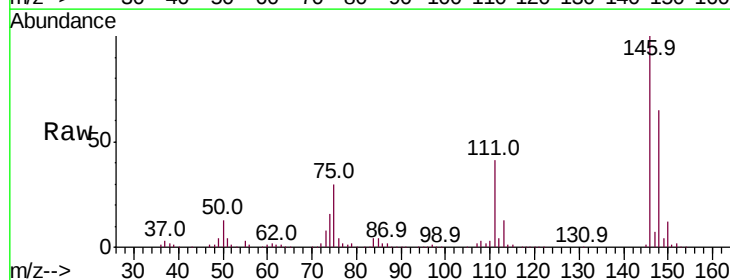
Tgt Ion:146 Resp: 300576

Ion Ratio Lower Upper

146 100

148 65.2 52.1 78.1

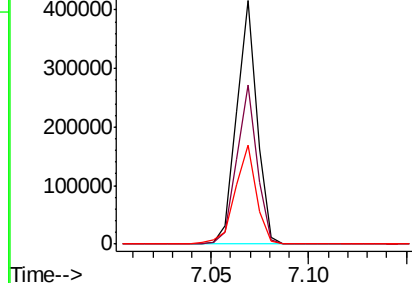
111 40.8 34.2 51.4

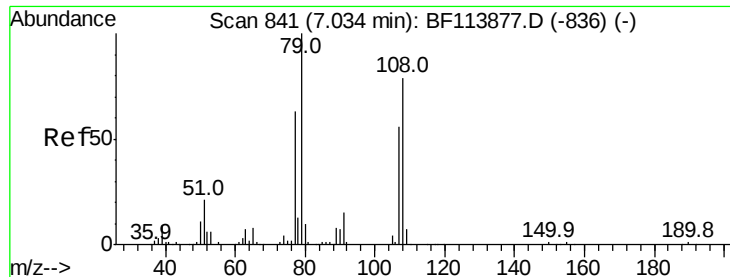


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 30.471 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF113984.D

Acq: 25 Apr 2019 18:17

Instrument :

BNA_F

ClientSampleId :

HW-7MS

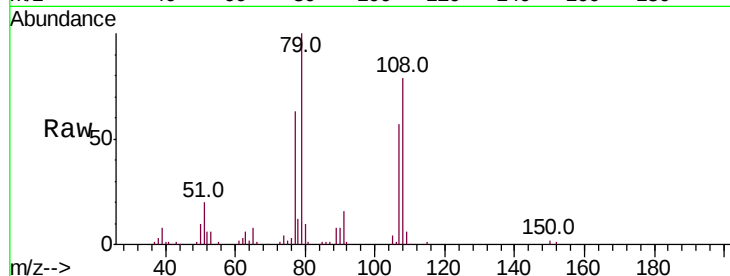
Tot Ion: 79 Resp: 155761

Ion Ratio Lower Upper

79 100

108 79.0 61.4 92.0

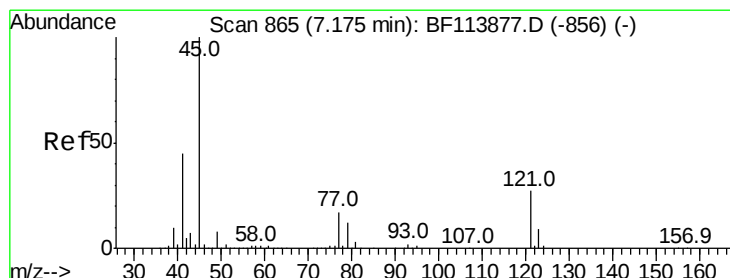
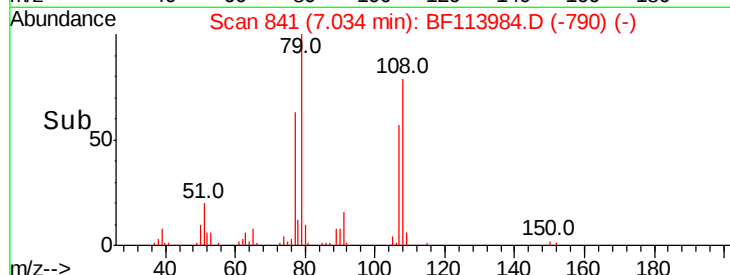
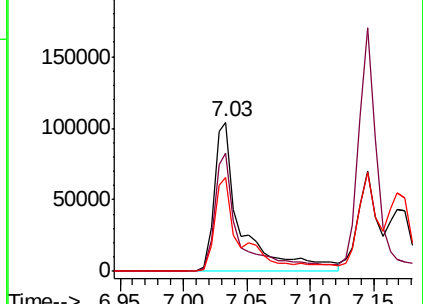
77 63.1 51.6 77.4



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: 43.014 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF113984.D

Acq: 25 Apr 2019 18:17

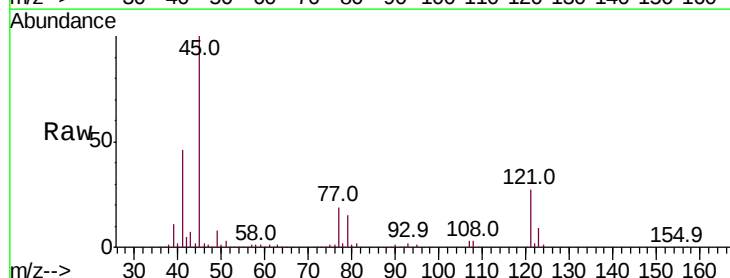
Tgt Ion: 45 Resp: 342932

Ion Ratio Lower Upper

45 100

77 19.3 0.0 37.0

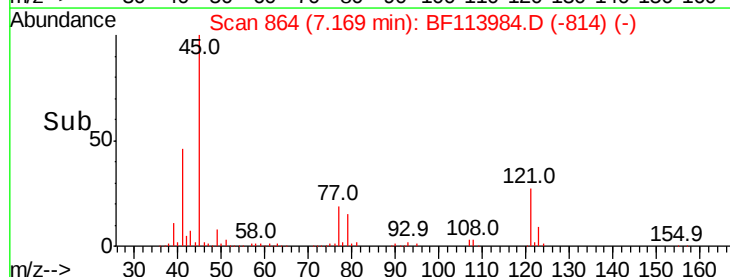
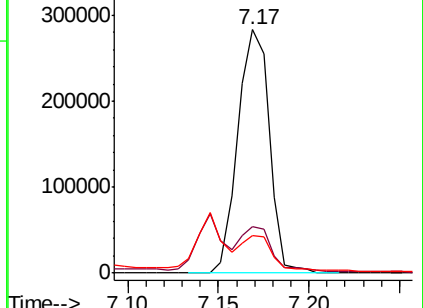
79 15.4 0.0 32.7

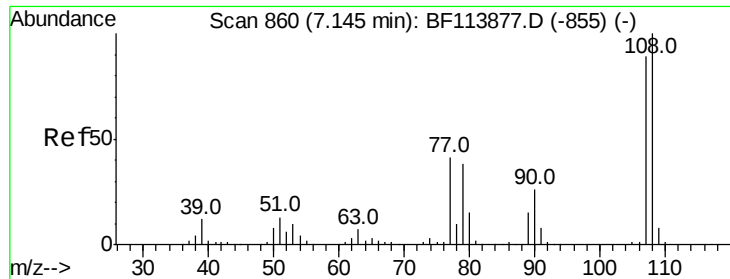


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

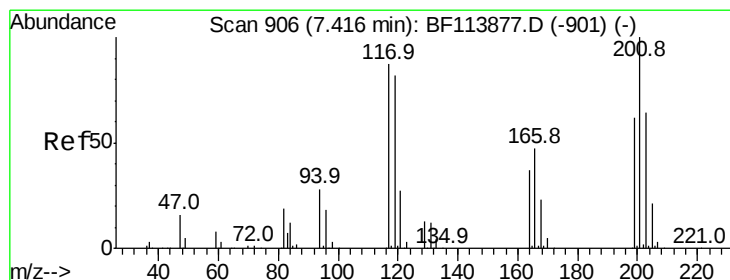
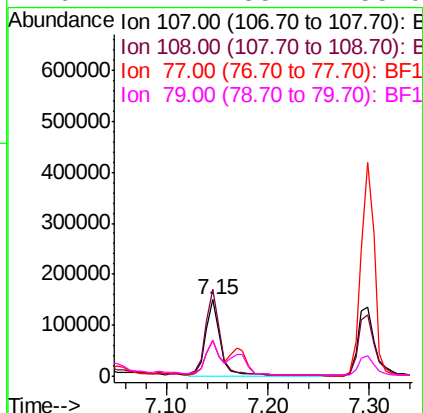
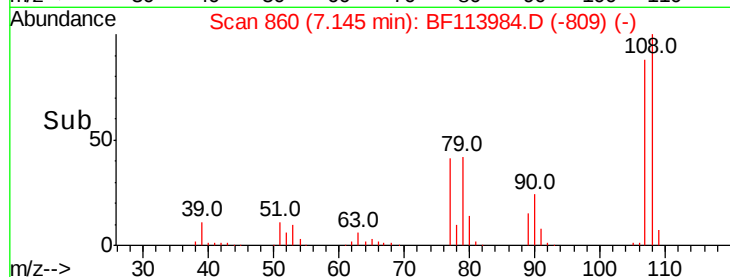
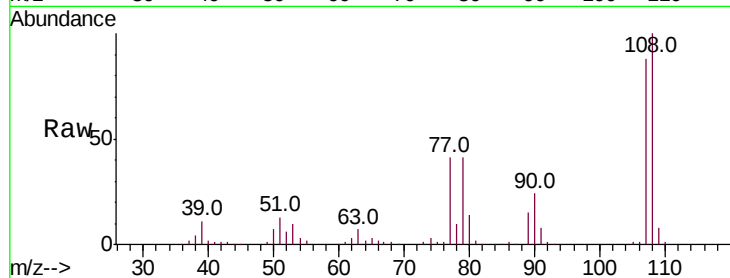




#17
2-Methylphenol
Concen: 25.819 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF113984.D
Acq: 25 Apr 2019 18:17

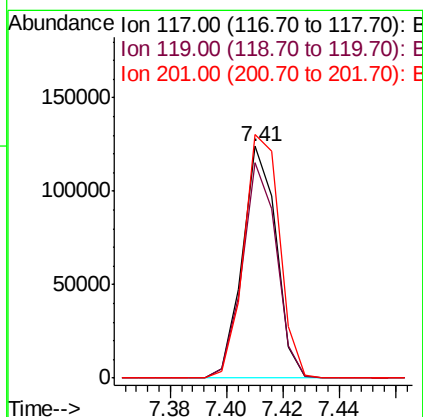
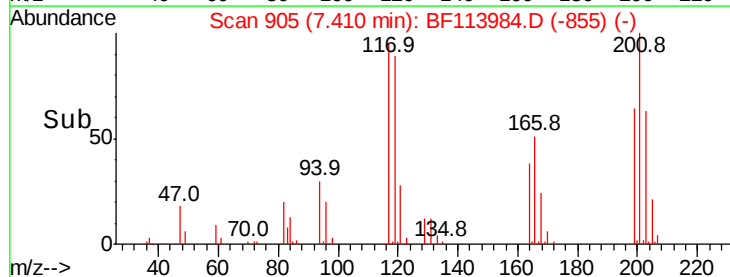
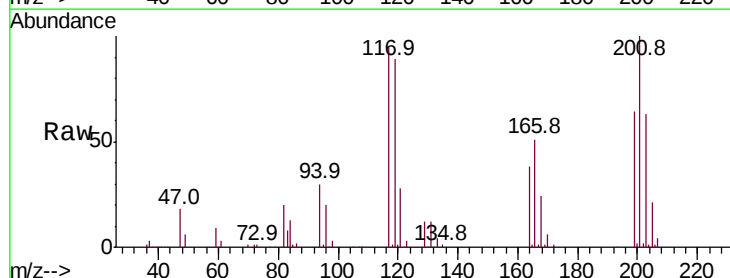
Instrument :
BNA_F
ClientSampleId :
HW-7MS

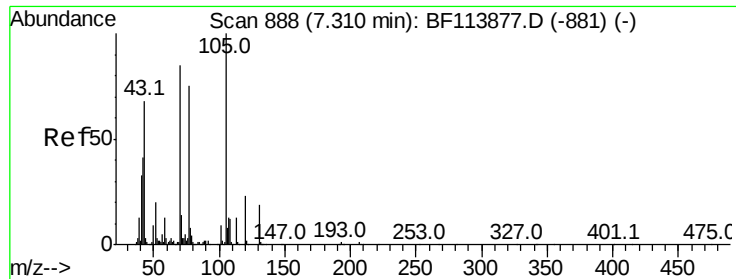
Tot Ion:	107	Resp:	156314
Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.5	137.3
77	46.6	36.2	54.4
79	47.1	35.4	53.0



#18
Hexachloroethane
Concen: 37.401 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF113984.D
Acq: 25 Apr 2019 18:17

Tgt Ion:	117	Resp:	103155
Ion	Ratio	Lower	Upper
117	100		
119	93.0	74.4	111.6
201	105.0	90.2	135.2

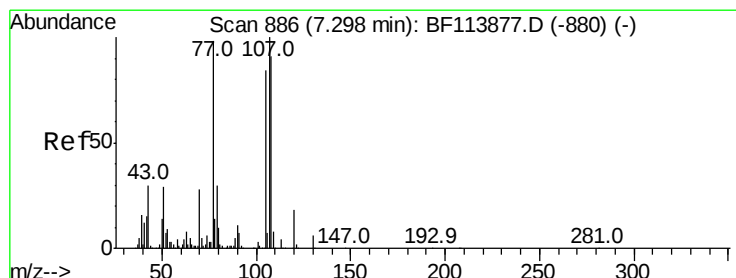
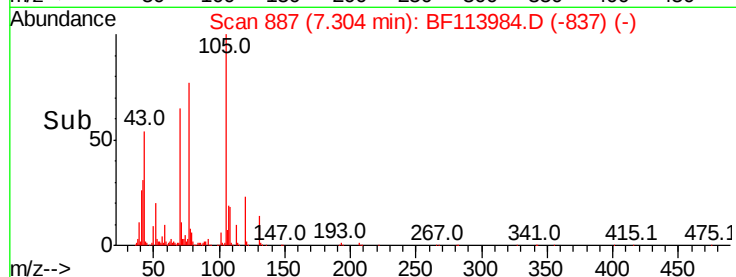
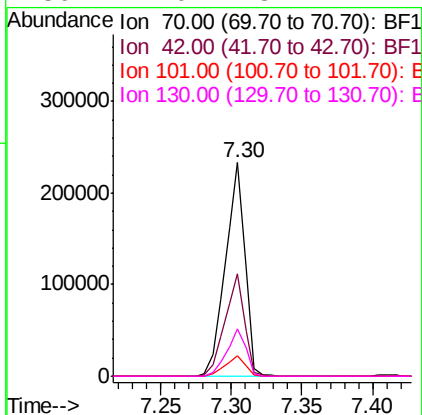
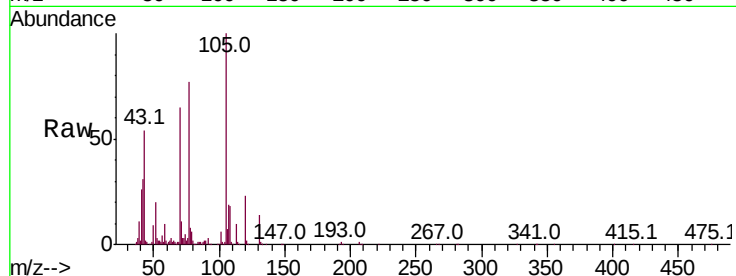




#19
n-Nitroso-di-n-propylamine
Concen: 45.614 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF113984.D
Acq: 25 Apr 2019 18:17

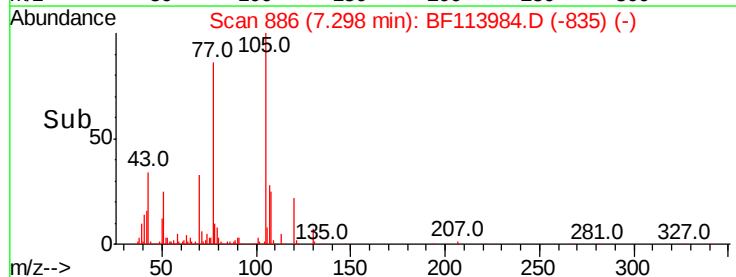
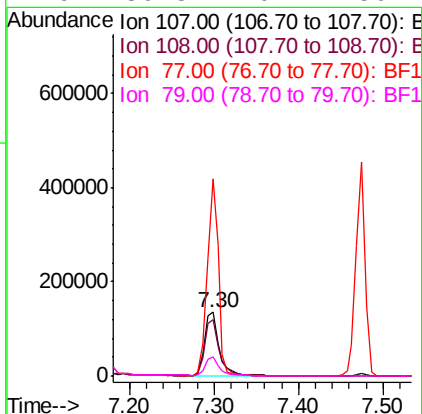
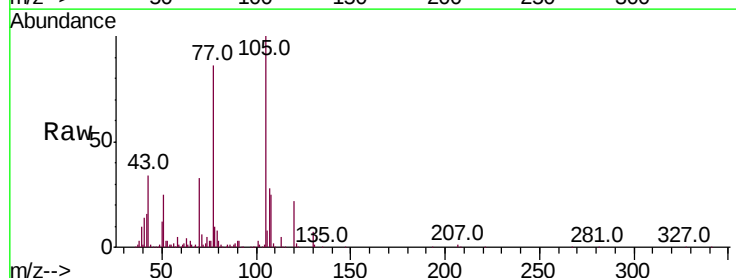
Instrument :
BNA_F
ClientSampleId :
HW-7MS

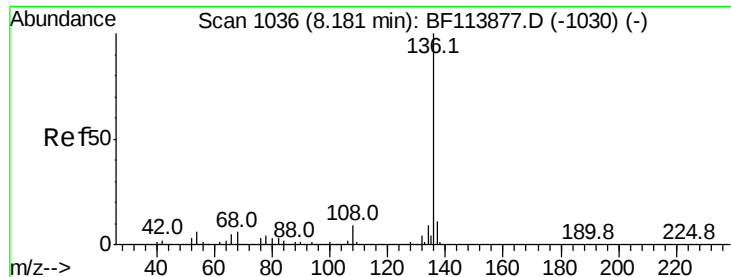
Tot Ion: 70 Resp: 224202
Ion Ratio Lower Upper
70 100
42 48.2 37.3 55.9
101 9.7 7.8 11.8
130 22.0 18.2 27.2



#20
3+4-Methylphenols
Concen: 24.466 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF113984.D
Acq: 25 Apr 2019 18:17

Tgt Ion:107 Resp: 167355
Ion Ratio Lower Upper
107 100
108 89.0 70.1 110.1
77 308.6 52.9 92.9#
79 30.3 10.2 50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF113984.D

Acq: 25 Apr 2019 18:17

Instrument :

BNA_F

ClientSampleId :

HW-7MS

Tot Ion:136 Resp: 397831

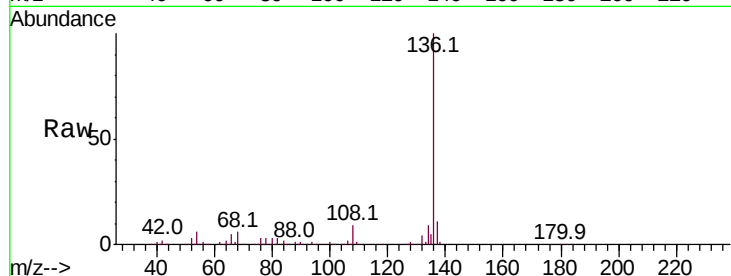
Ion Ratio Lower Upper

136 100

137 10.5 8.6 12.8

54 5.8 5.0 7.6

68 5.8 4.9 7.3

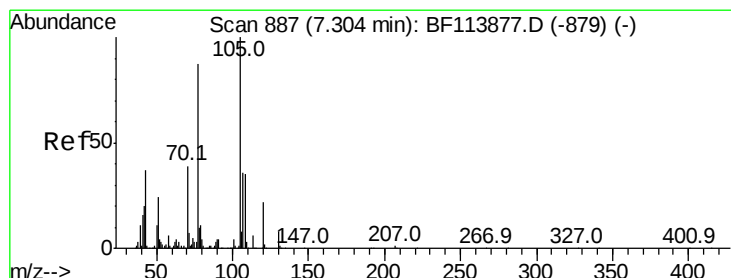
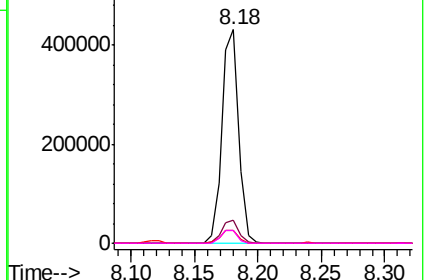
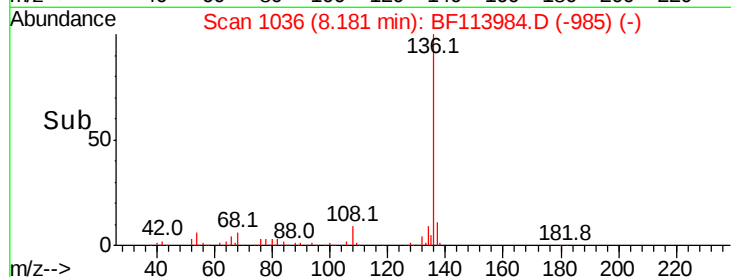


Abundance Ion 136.00 (135.70 to 136.70): E

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: 49.989 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF113984.D

Acq: 25 Apr 2019 18:17

Tgt Ion:105 Resp: 442556

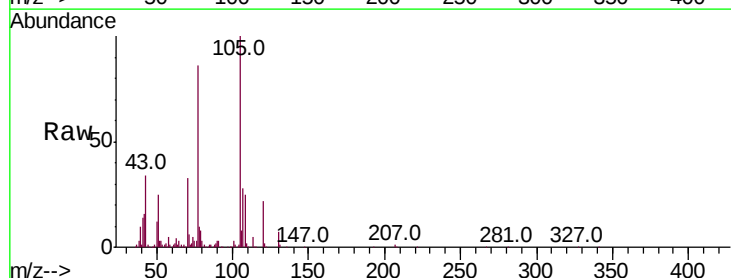
Ion Ratio Lower Upper

105 100

71 5.7 6.1 9.1#

51 24.6 16.8 25.2

120 21.9 17.6 26.4

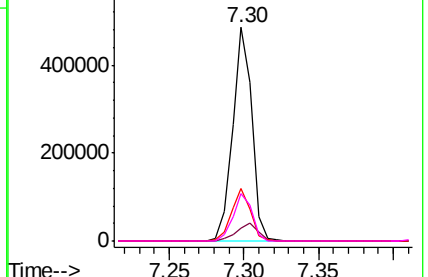
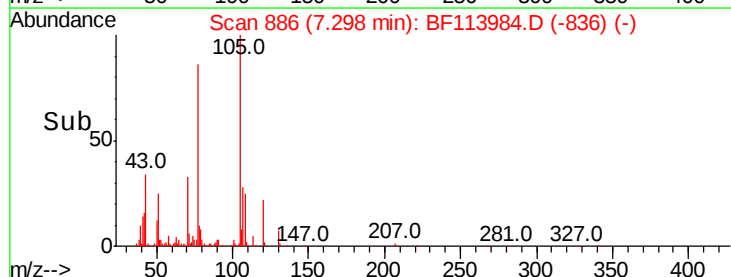


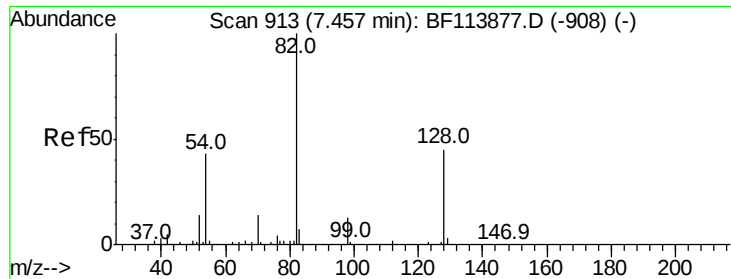
Abundance Ion 105.00 (104.70 to 105.70): E

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

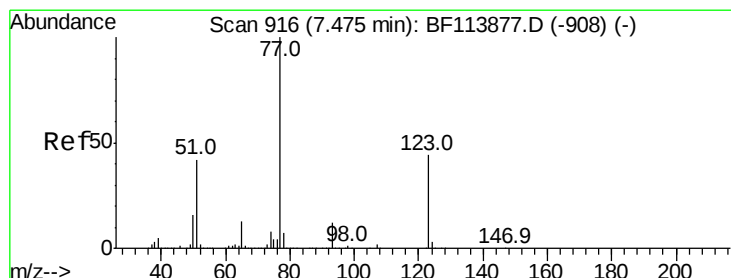
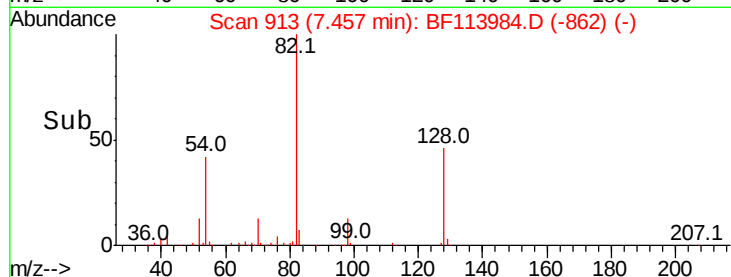
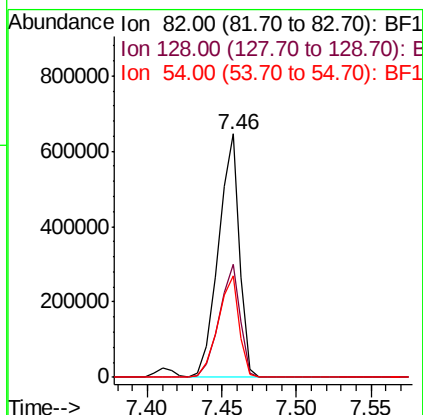
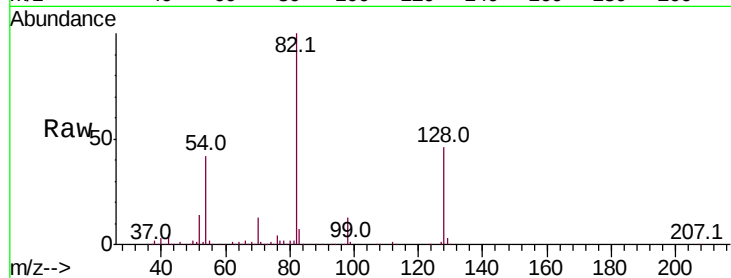




#23
 Nitrobenzene-d5
 Concen: 98.918 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF113984.D
 Acq: 25 Apr 2019 18:17

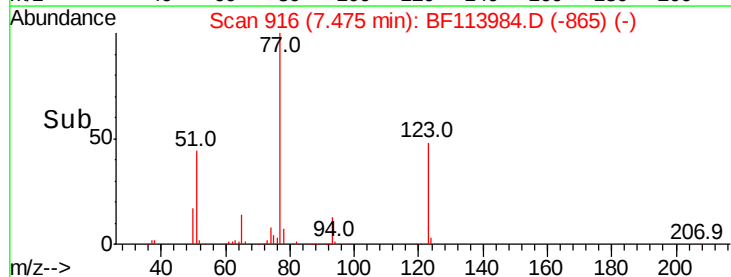
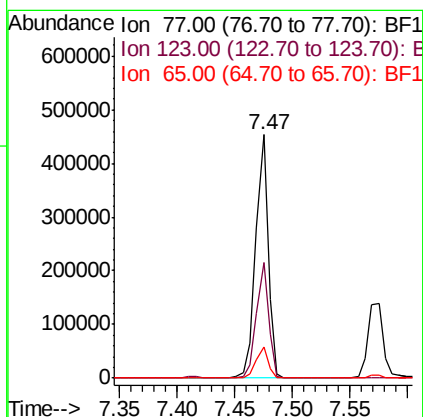
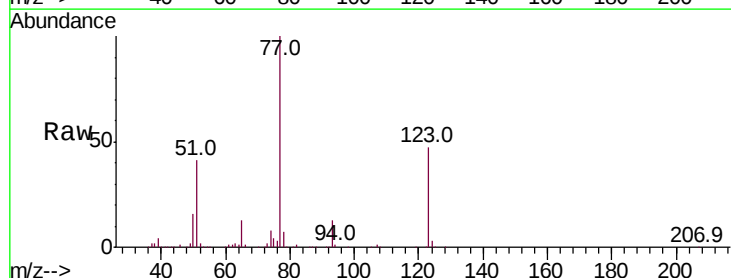
Instrument :
 BNA_F
 ClientSampleId :
 HW-7MS

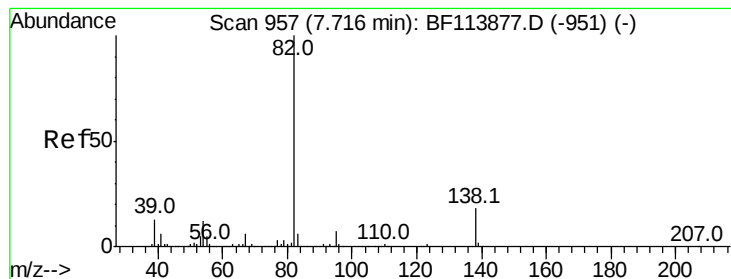
Tot Ion	82	Resp	637355
Ion Ratio	100	Lower	Upper
128	46.4	36.8	55.2
54	41.6	33.8	50.6



#24
 Nitrobenzene
 Concen: 48.314 ng
 RT: 7.47 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: BF113984.D
 Acq: 25 Apr 2019 18:17

Tgt Ion	77	Resp	343970
Ion Ratio	100	Lower	Upper
123	47.3	36.3	54.5
65	12.8	10.3	15.5





#25

Isophorone

Concen: 46.621 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF113984.D

Acq: 25 Apr 2019 18:17

Instrument :

BNA_F

ClientSampleId :

HW-7MS

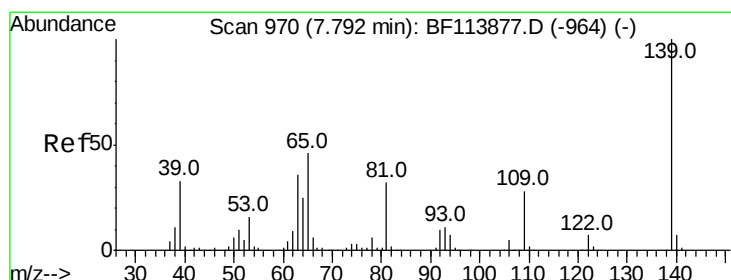
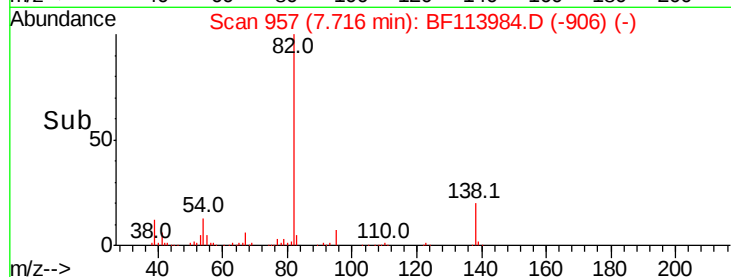
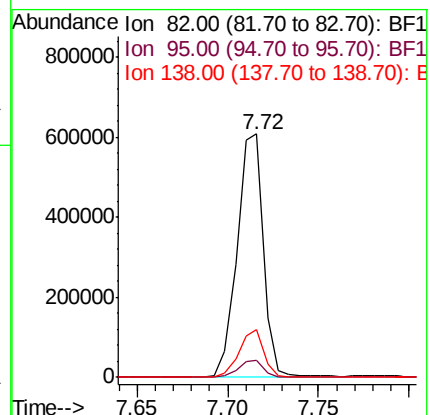
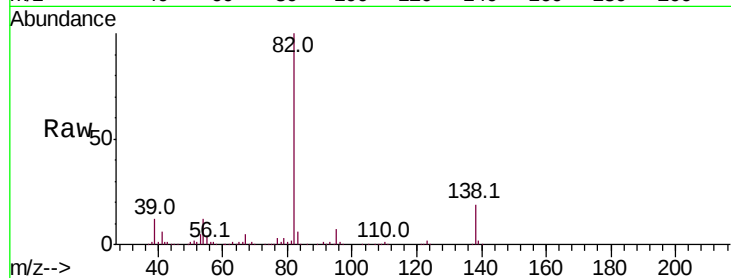
Tot Ion: 82 Resp: 614645

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

138 19.4 14.6 22.0



#26

2-Nitrophenol

Concen: 39.186 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF113984.D

Acq: 25 Apr 2019 18:17

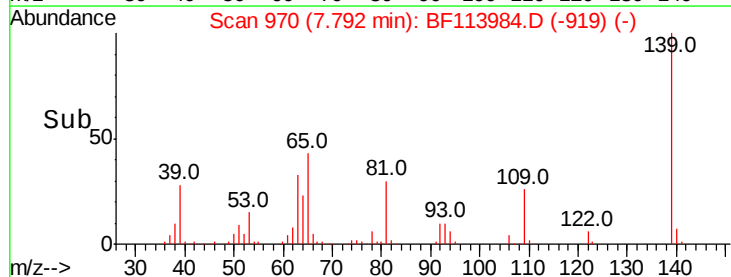
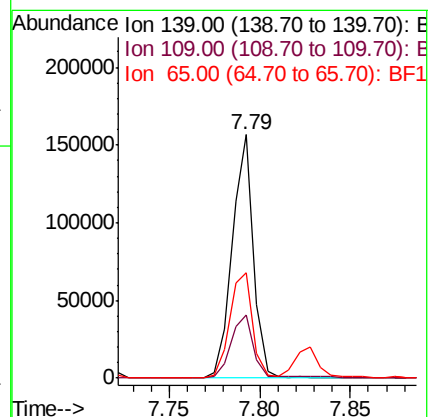
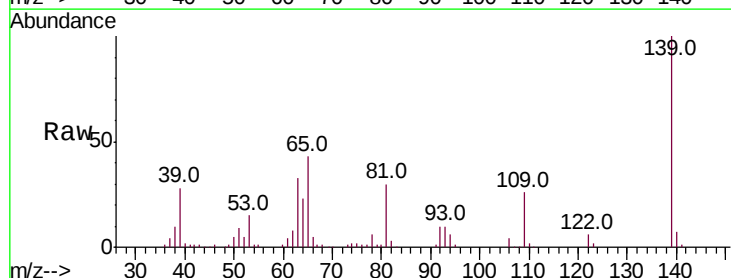
Tgt Ion: 139 Resp: 127273

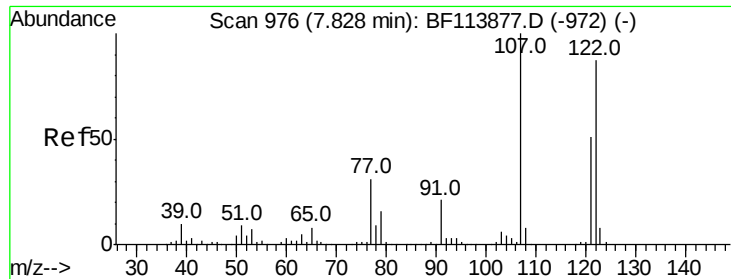
Ion Ratio Lower Upper

139 100

109 26.1 20.6 31.0

65 43.5 34.6 52.0

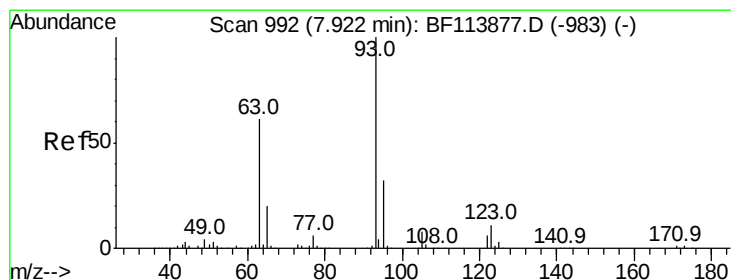
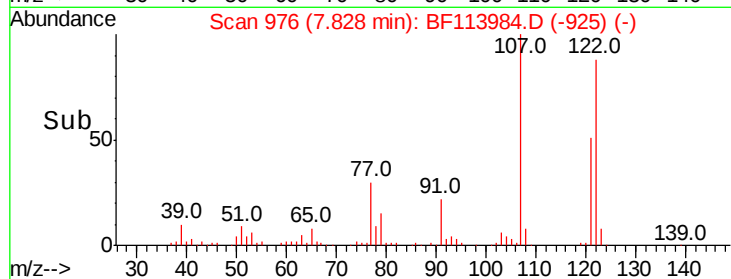
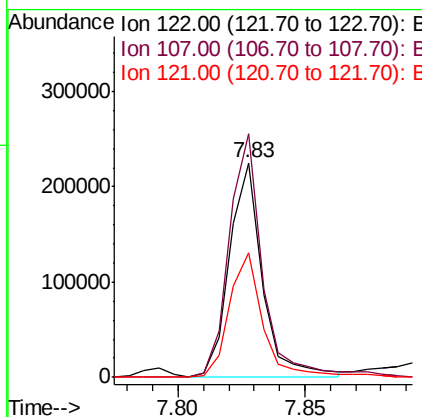
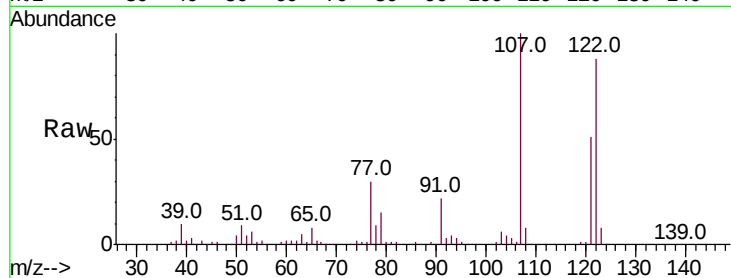




#27
 2,4-Dimethylphenol
 Concen: 38.308 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF113984.D
 Acq: 25 Apr 2019 18:17

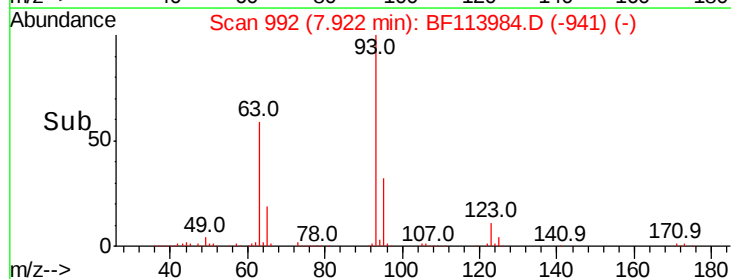
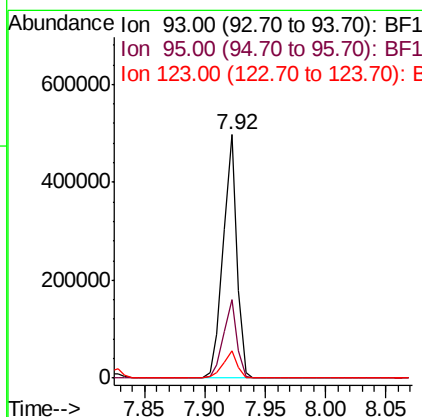
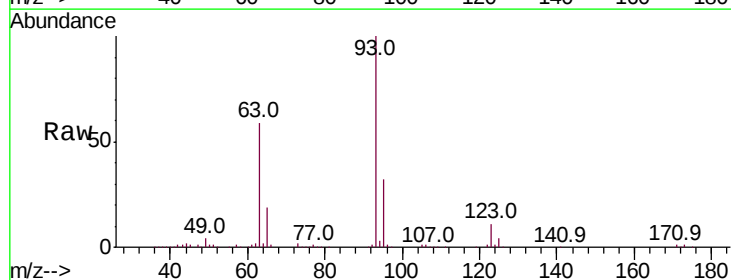
Instrument :
 BNA_F
 ClientSampleId :
 HW-7MS

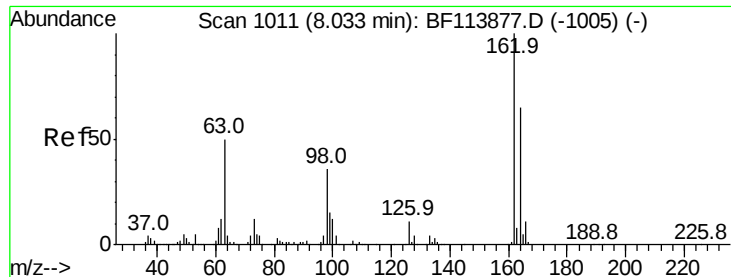
Tot Ion:122 Resp: 202718
 Ion Ratio Lower Upper
 122 100
 107 113.7 91.2 136.8
 121 58.3 46.4 69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.338 ng
 RT: 7.92 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BF113984.D
 Acq: 25 Apr 2019 18:17

Tgt Ion: 93 Resp: 389284
 Ion Ratio Lower Upper
 93 100
 95 32.3 25.8 38.6
 123 11.2 9.0 13.6

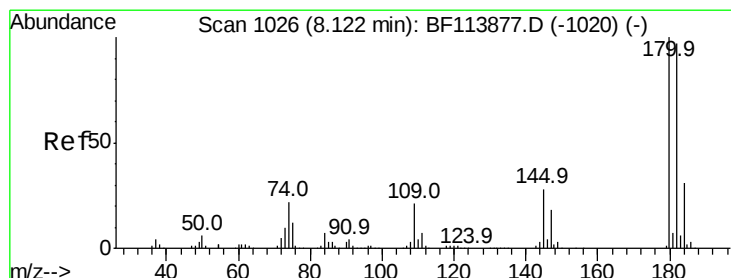
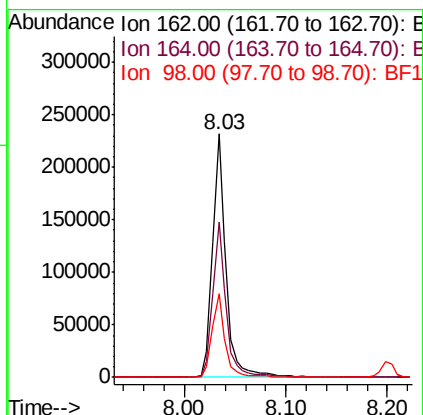
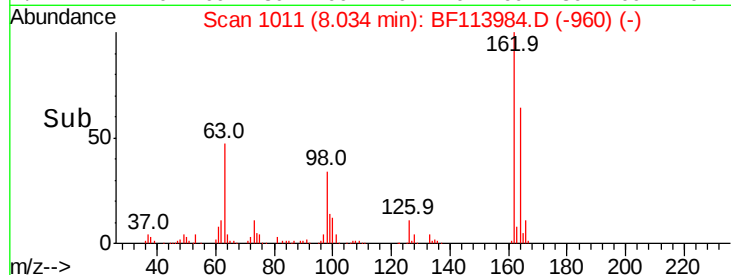
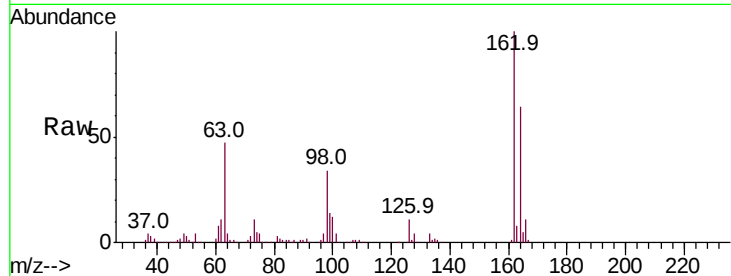




#29
 2,4-Dichlorophenol
 Concen: 35.398 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BF113984.D
 Acq: 25 Apr 2019 18:17

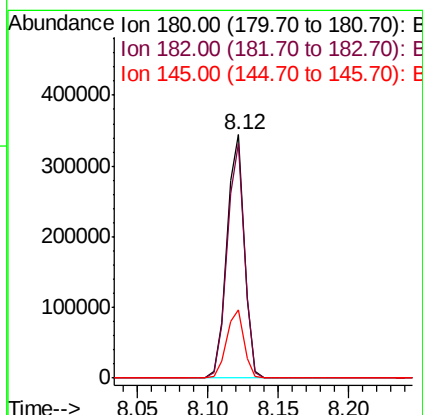
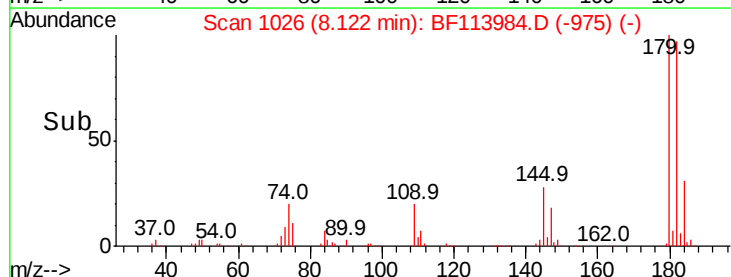
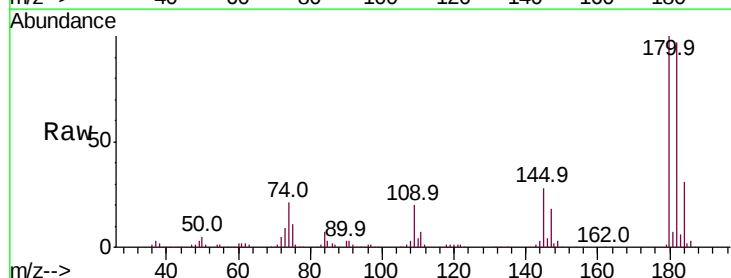
Instrument :
 BNA_F
 ClientSampleId :
 HW-7MS

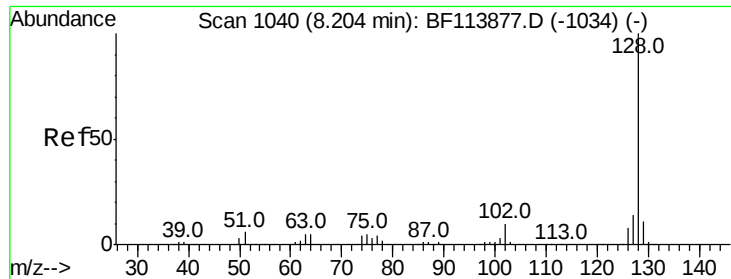
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.7	83.7
98	34.2	15.5	55.5



#30
 1,2,4-Trichlorobenzene
 Concen: 43.804 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BF113984.D
 Acq: 25 Apr 2019 18:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	75.4	113.0
145	27.8	23.0	34.4





#31

Naphthalene

Concen: 46.487 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF113984.D

Acq: 25 Apr 2019 18:17

Instrument :

BNA_F

ClientSampleId :

HW-7MS

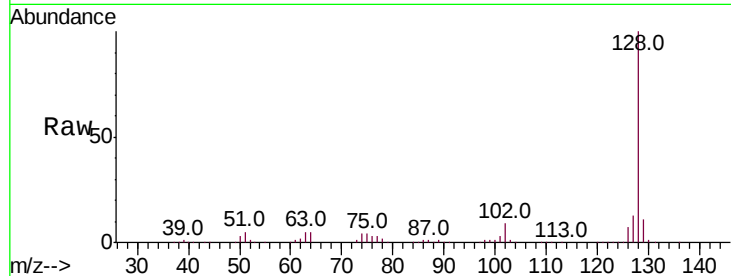
Tot Ion:128 Resp: 878572

Ion Ratio Lower Upper

128 100

129 10.8 9.4 14.0

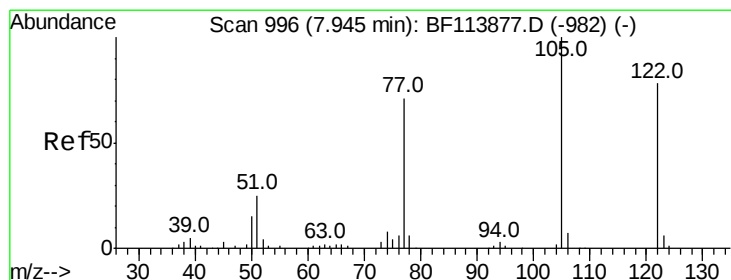
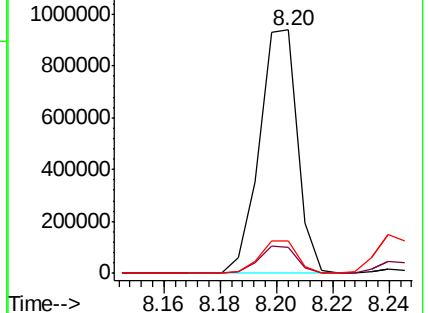
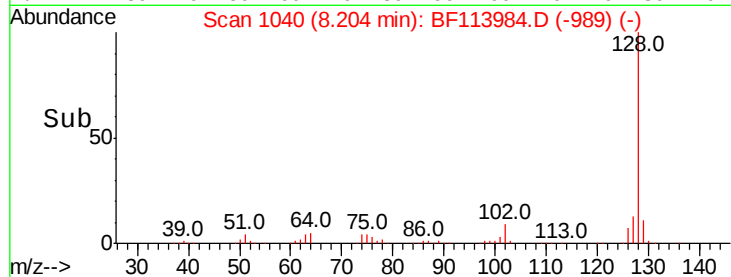
127 13.2 10.8 16.2



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: 13.341 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.04 min

Lab File: BF113984.D

Acq: 25 Apr 2019 18:17

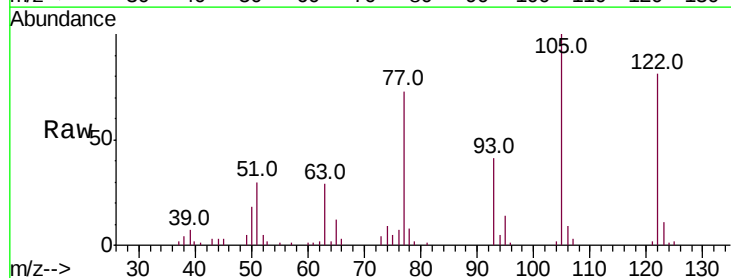
Tgt Ion:122 Resp: 47676

Ion Ratio Lower Upper

122 100

105 123.6 104.3 144.3

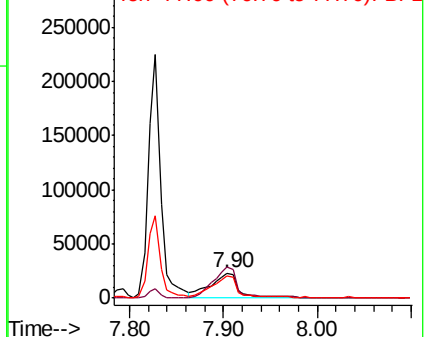
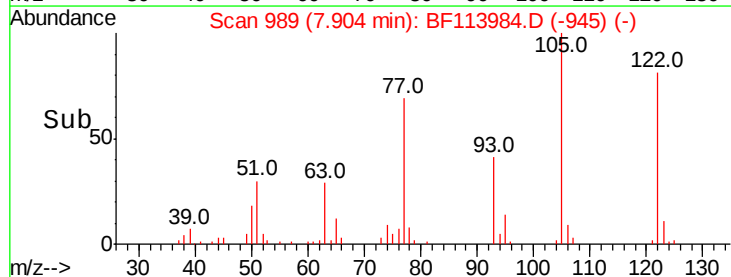
77 90.1 70.4 110.4

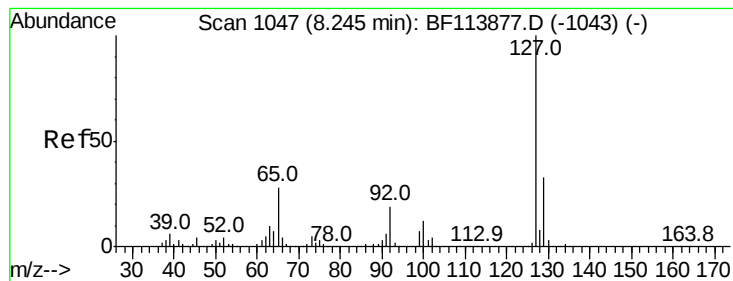


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 18.603 ng

RT: 8.24 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF113984.D

Acq: 25 Apr 2019 18:17

Instrument :

BNA_F

ClientSampleId :

HW-7MS

Tot Ion:127 Resp: 148768

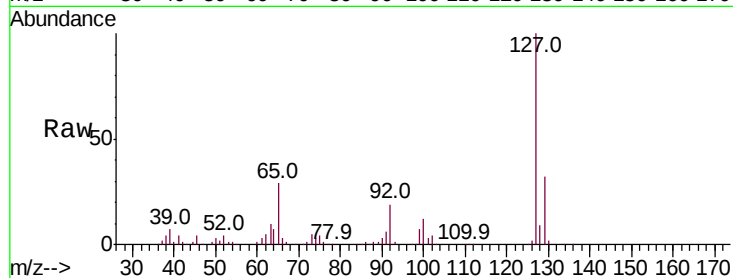
Ion Ratio Lower Upper

127 100

129 32.1 26.4 39.6

65 28.9 24.9 37.3

92 19.3 15.9 23.9

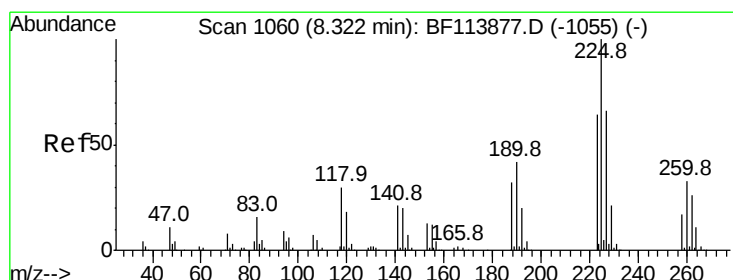
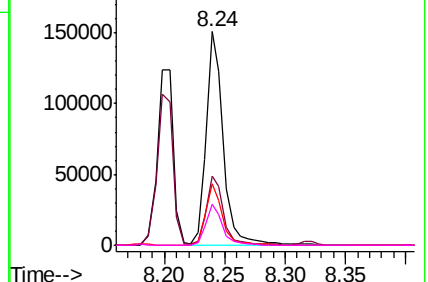
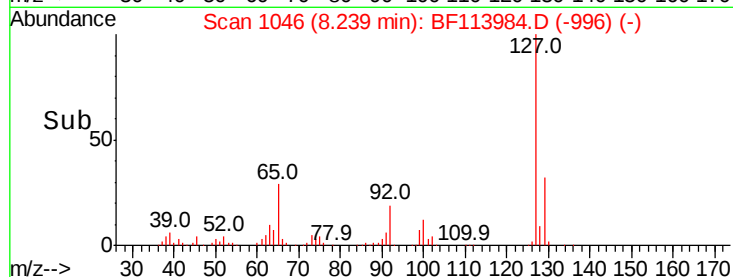


Abundance Ion 127.00 (126.70 to 127.70): E

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: 39.378 ng

RT: 8.32 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF113984.D

Acq: 25 Apr 2019 18:17

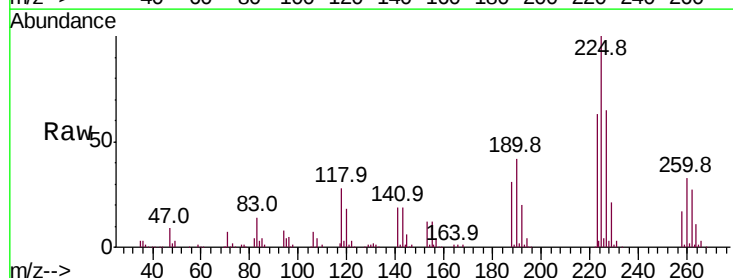
Tgt Ion:225 Resp: 165630

Ion Ratio Lower Upper

225 100

223 63.1 51.1 76.7

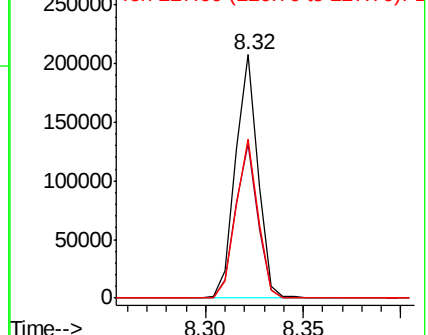
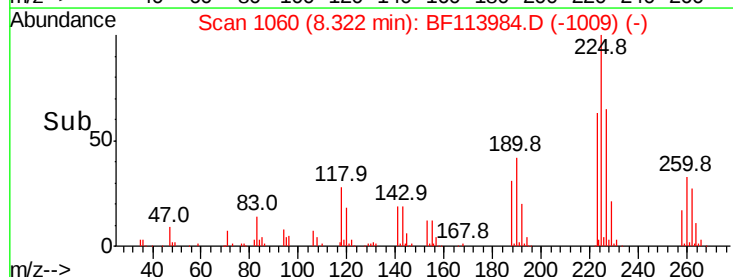
227 65.1 49.9 74.9

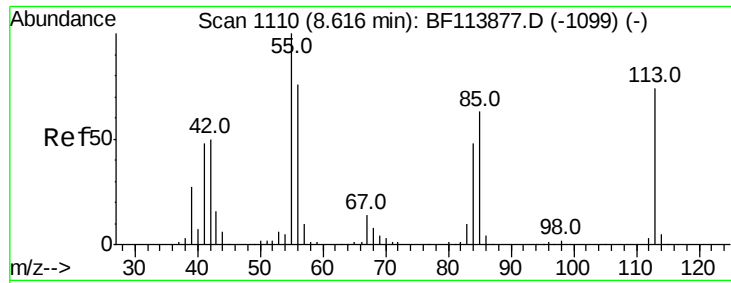


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

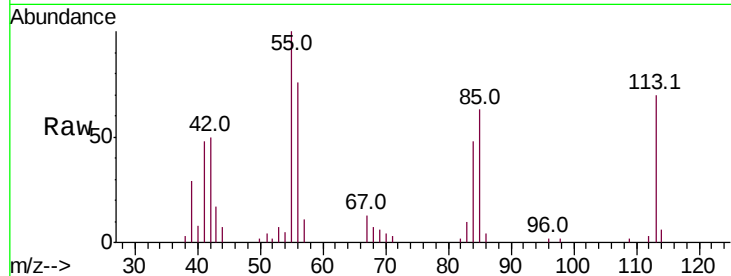




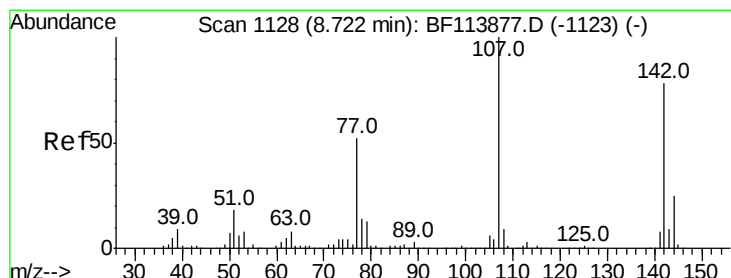
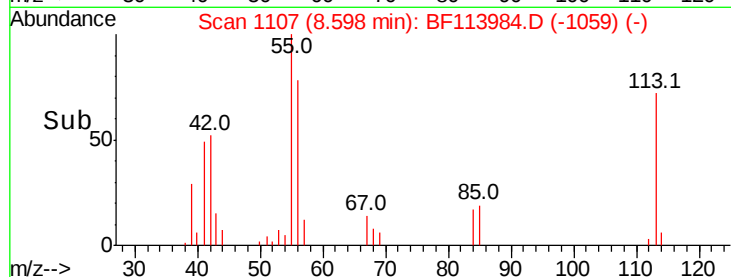
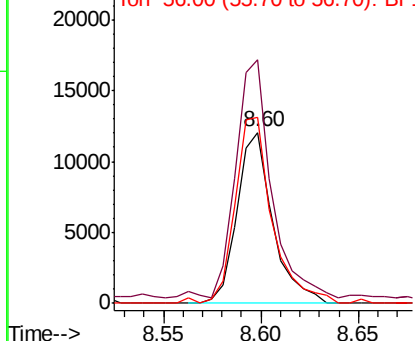
#35
 Caprolactam
 Concen: 7.955 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.02 min
 Lab File: BF113984.D
 Acq: 25 Apr 2019 18:17

Instrument :
 BNA_F
 ClientSampleId :
 HW-7MS

Tot Ion:113 Resp: 15313
 Ion Ratio Lower Upper
 113 100
 55 142.3 128.6 168.6
 56 108.5 91.9 131.9

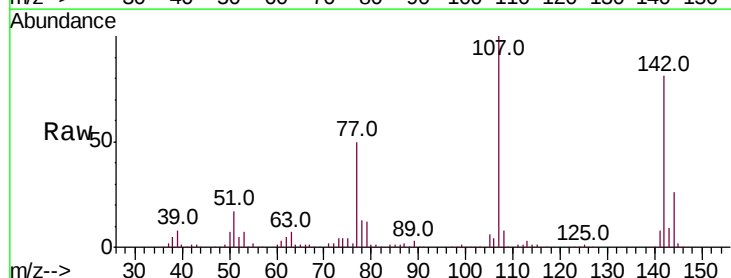


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

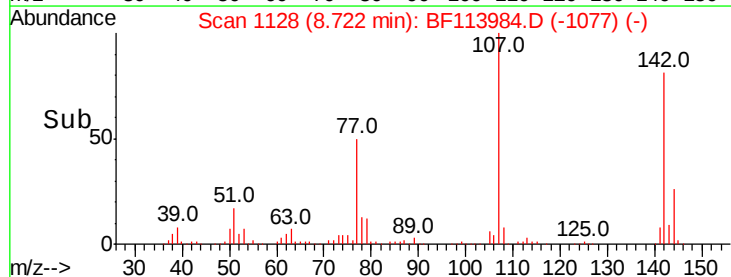
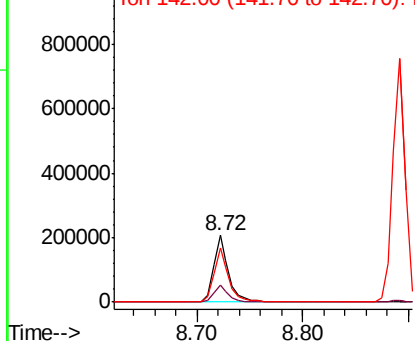


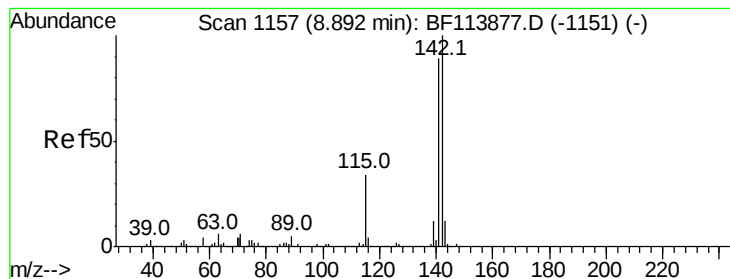
#36
 4-Chloro-3-methylphenol
 Concen: 34.152 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: BF113984.D
 Acq: 25 Apr 2019 18:17

Tgt Ion:107 Resp: 204748
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.5 30.7
 142 81.0 64.2 96.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

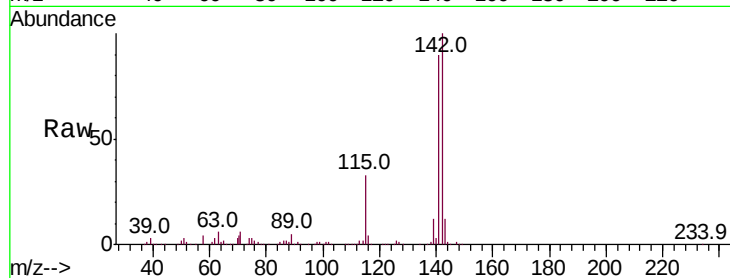




#37
 2-Methylnaphthalene
 Concen: 48.513 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF113984.D
 Acq: 25 Apr 2019 18:17

Instrument :
 BNA_F
 ClientSampleId :
 HW-7MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.4	105.6
115	33.4	26.3	39.5

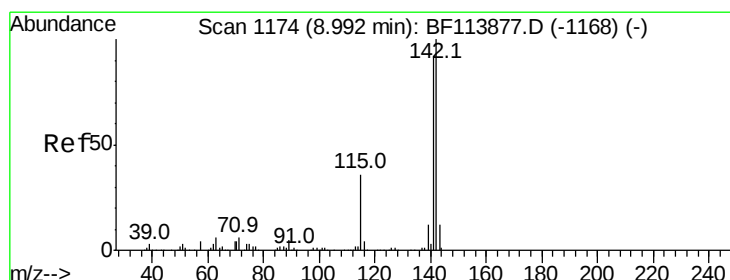
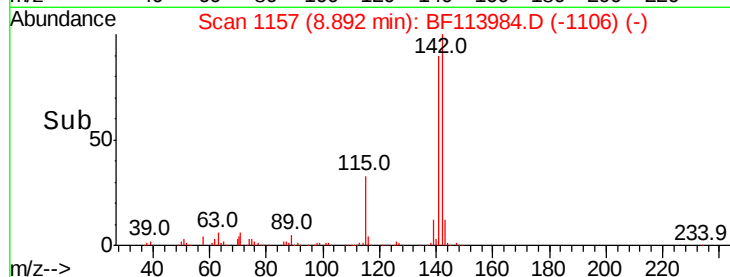
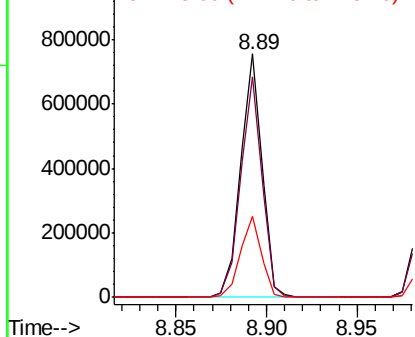


Abundance

Ion 142.00 (141.70 to 142.70): E

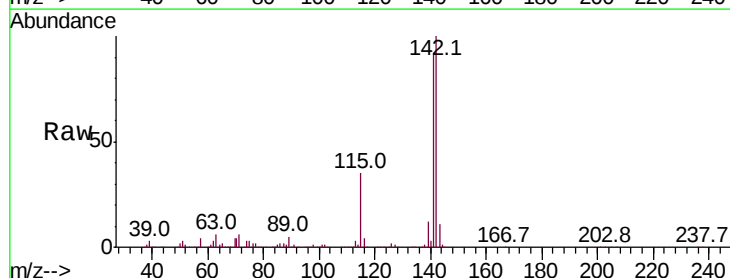
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 47.742 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF113984.D
 Acq: 25 Apr 2019 18:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	72.3	108.5
116	3.6	3.0	4.4

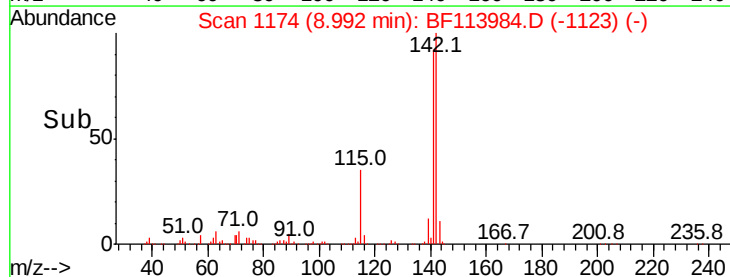
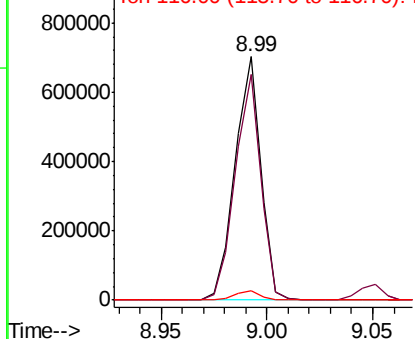


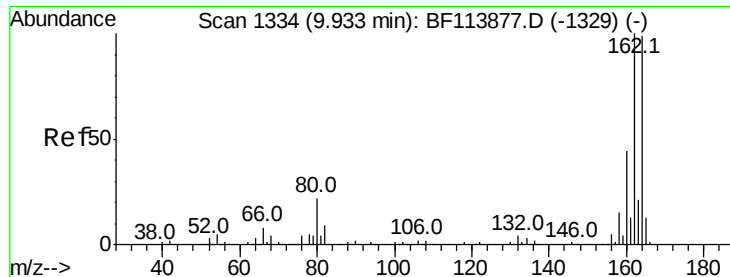
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

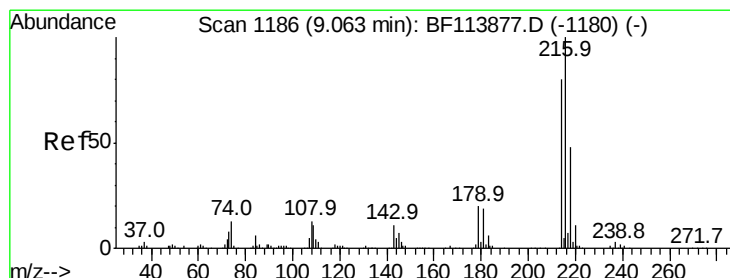
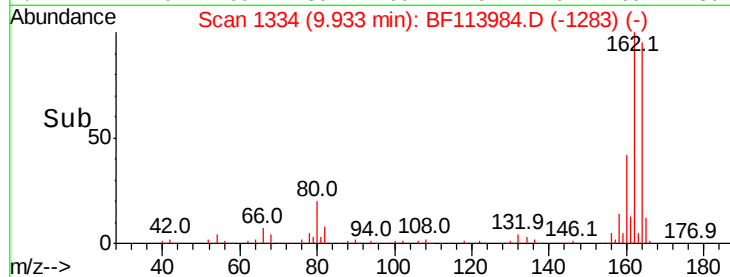
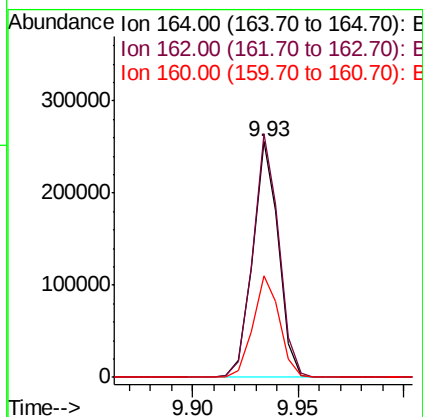
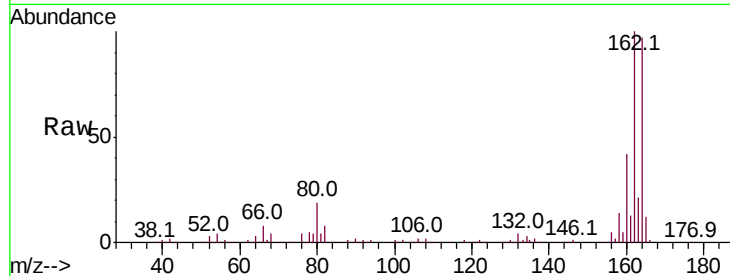




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF113984.D
 Acq: 25 Apr 2019 18:17

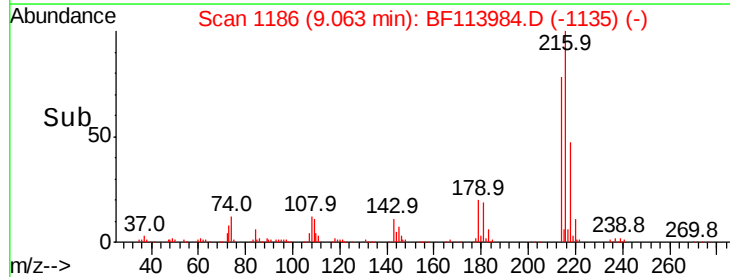
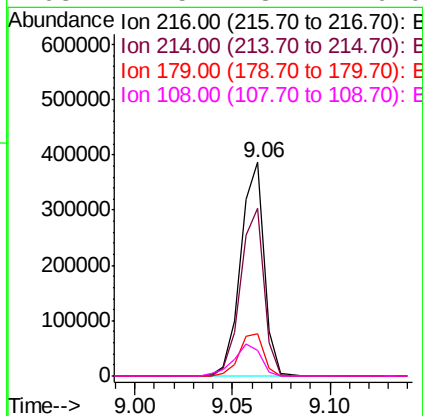
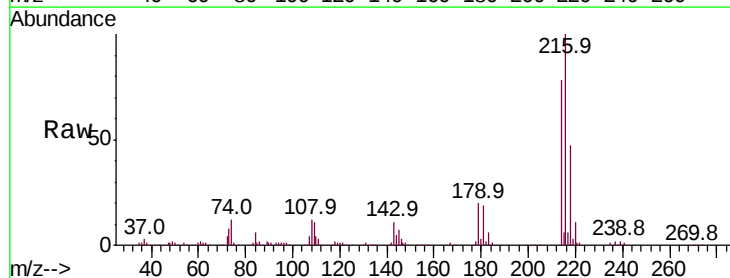
Instrument :
 BNA_F
 ClientSampleId :
 HW-7MS

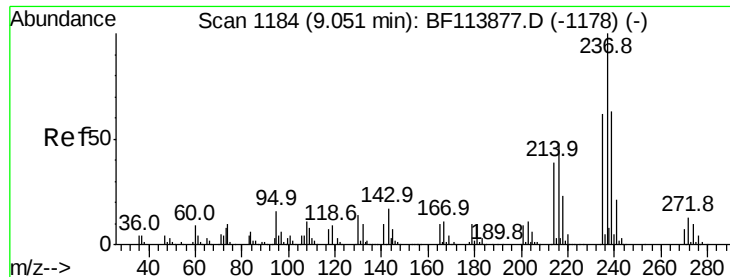
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.1	121.7
160	43.2	35.8	53.6



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.772 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113984.D
 Acq: 25 Apr 2019 18:17

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.5	95.3
179	20.6	16.1	24.1
108	17.5	13.4	20.0





#41

Hexachlorocyclopentadiene

Concen: 87.677 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF113984.D

Acq: 25 Apr 2019 18:17

Instrument :

BNA_F

ClientSampleId :

HW-7MS

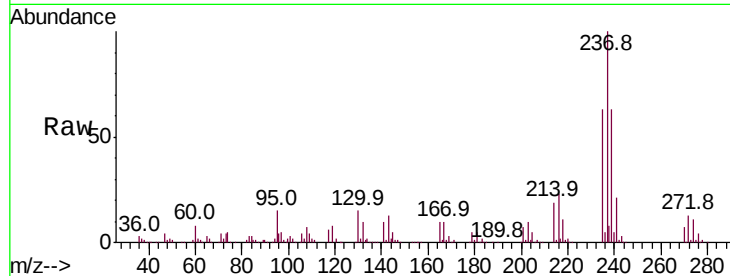
Tot Ion:237 Resp: 343931

Ion Ratio Lower Upper

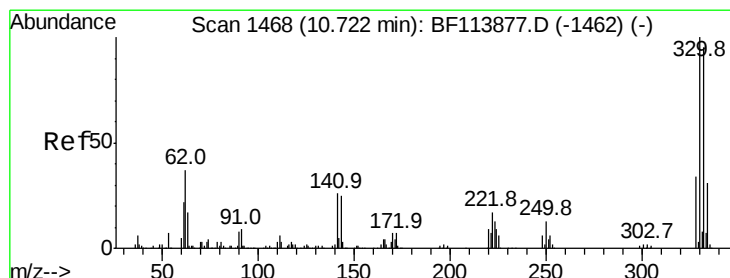
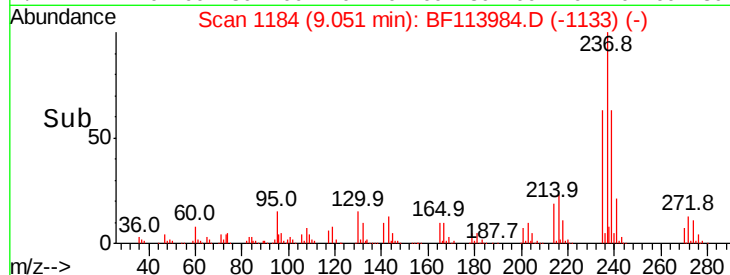
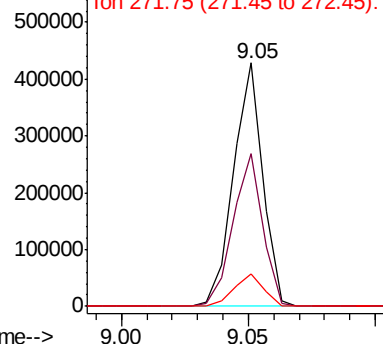
237 100

235 63.0 42.6 82.6

272 13.3 0.0 33.8



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



#42

2,4,6-Tribromophenol

Concen: 119.287 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BF113984.D

Acq: 25 Apr 2019 18:17

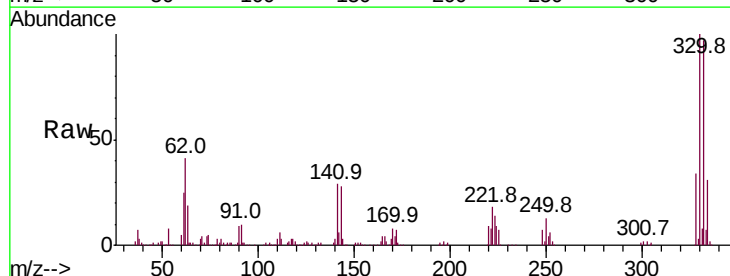
Tgt Ion:330 Resp: 314690

Ion Ratio Lower Upper

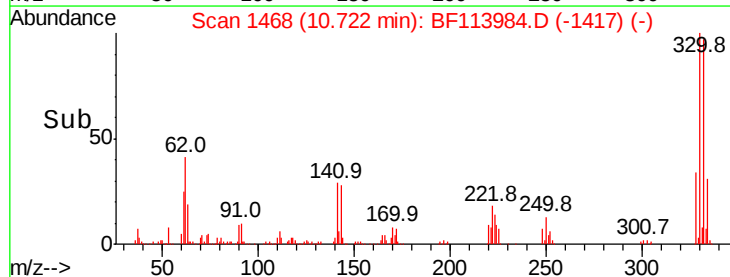
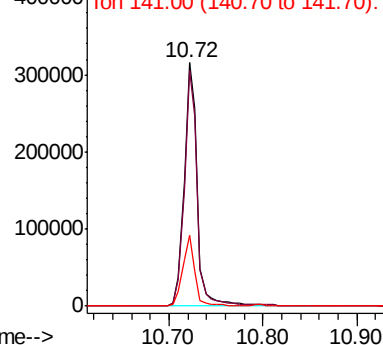
330 100

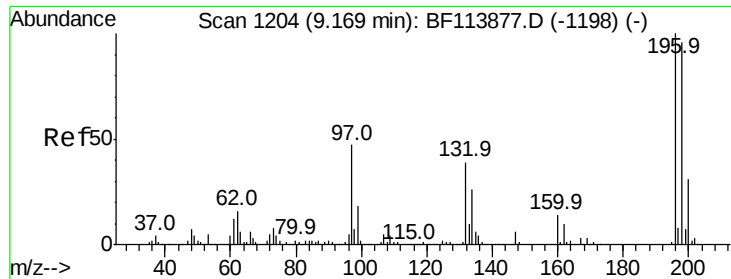
332 96.5 77.5 116.3

141 26.7 22.2 33.2



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

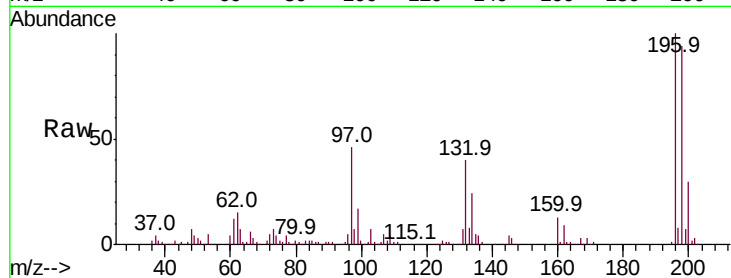




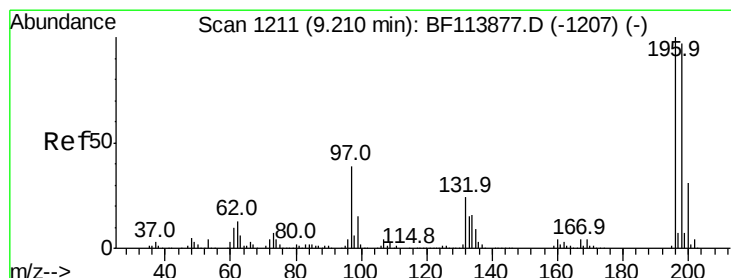
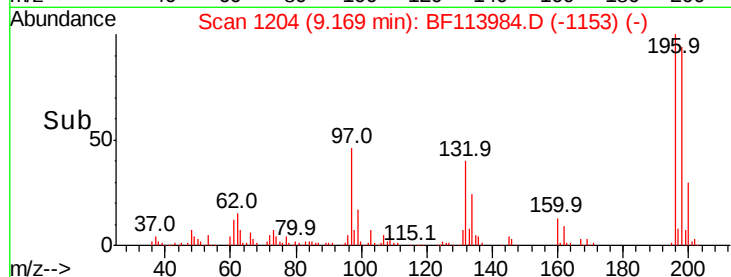
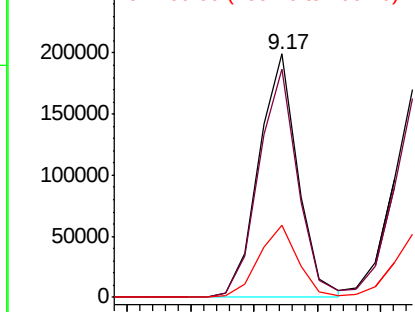
#43
 2,4,6-Trichlorophenol
 Concen: 38.072 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF113984.D
 Acq: 25 Apr 2019 18:17

Instrument :
 BNA_F
 ClientSampleId :
 HW-7MS

Tot Ion:196 Resp: 170060
 Ion Ratio Lower Upper
 196 100
 198 93.9 75.6 113.4
 200 29.8 24.7 37.1

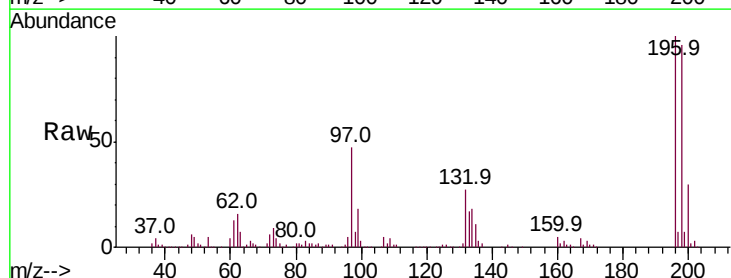


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

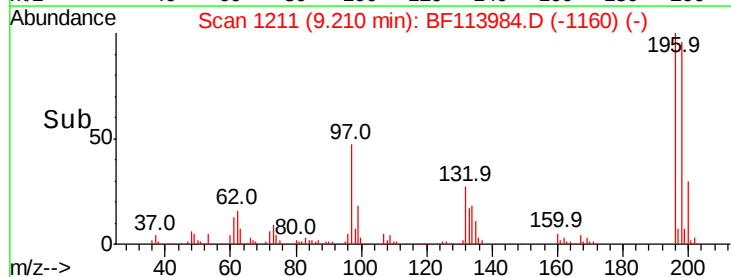
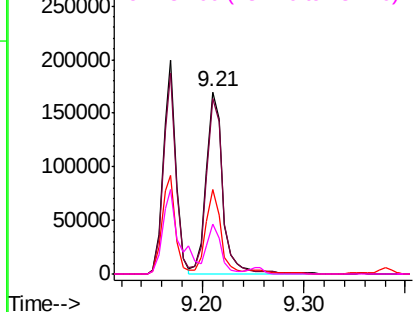


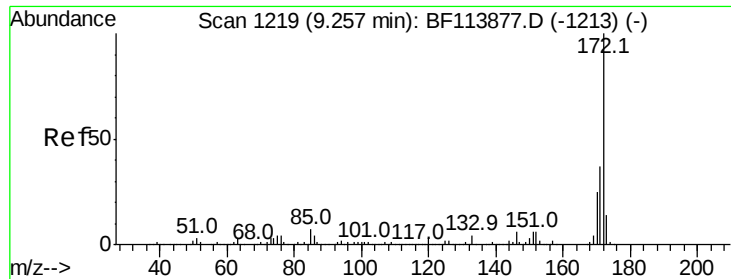
#44
 2,4,5-Trichlorophenol
 Concen: 38.231 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF113984.D
 Acq: 25 Apr 2019 18:17

Tgt Ion:196 Resp: 191548
 Ion Ratio Lower Upper
 196 100
 198 96.2 76.2 114.4
 97 46.5 35.8 53.8
 132 27.3 20.9 31.3



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

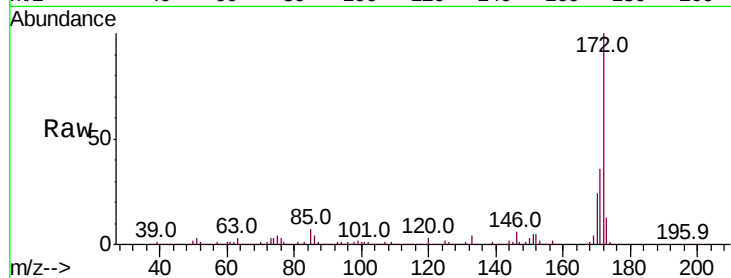




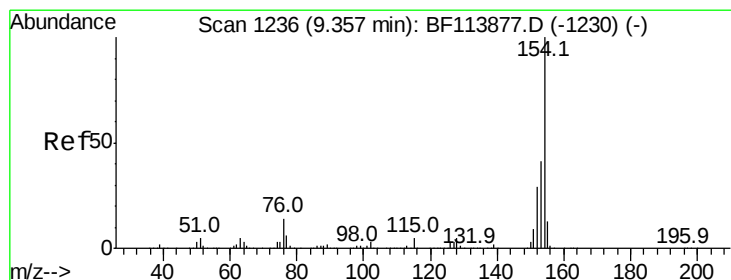
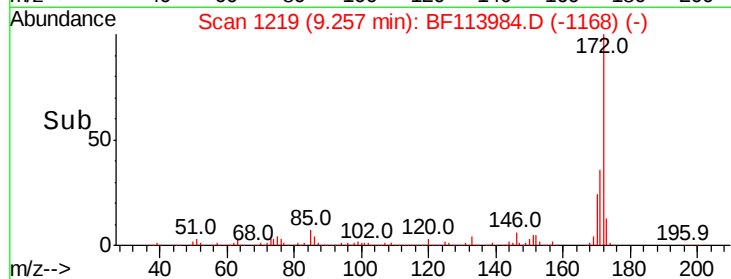
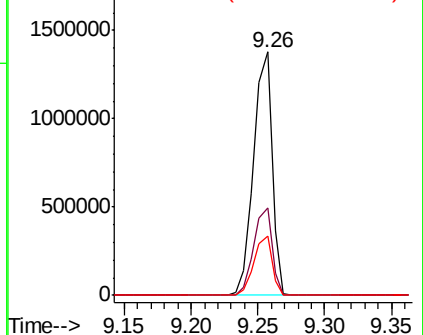
#45
2-Fluorobiphenyl
Concen: 94.193 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF113984.D
Acq: 25 Apr 2019 18:17

Instrument :
BNA_F
ClientSampleId :
HW-7MS

Tot Ion:172 Resp: 1304207
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.0
170 24.2 19.9 29.9

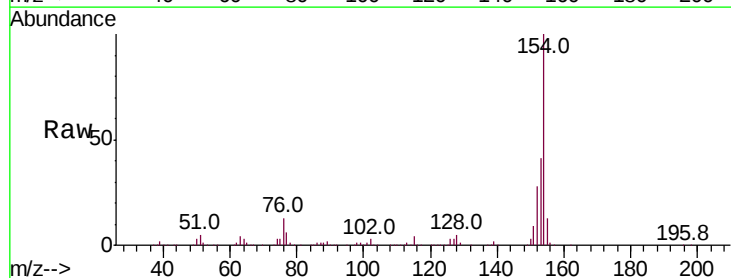


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

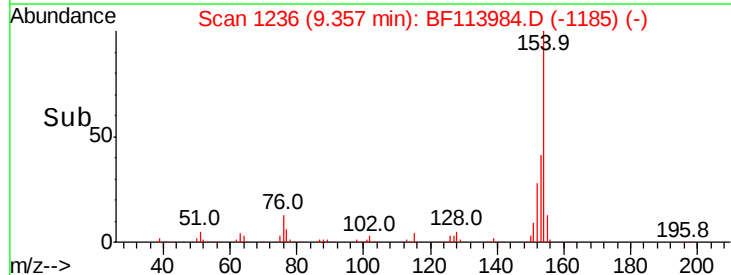
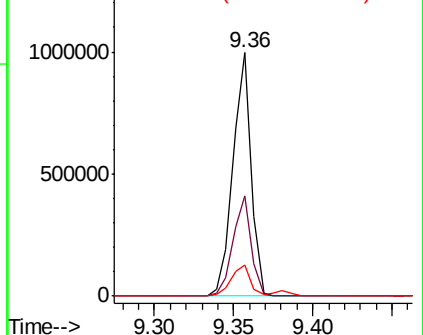


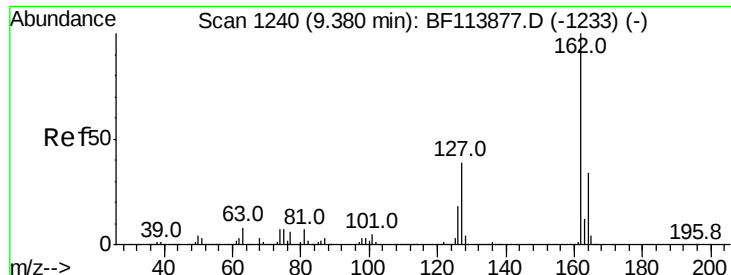
#46
1,1'-Biphenyl
Concen: 47.898 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF113984.D
Acq: 25 Apr 2019 18:17

Tgt Ion:154 Resp: 792395
Ion Ratio Lower Upper
154 100
153 41.3 20.8 60.8
76 12.9 0.0 35.2



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

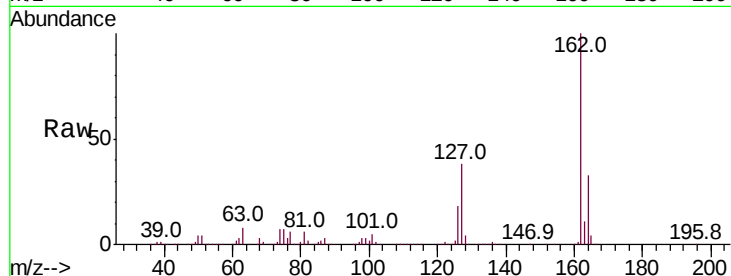




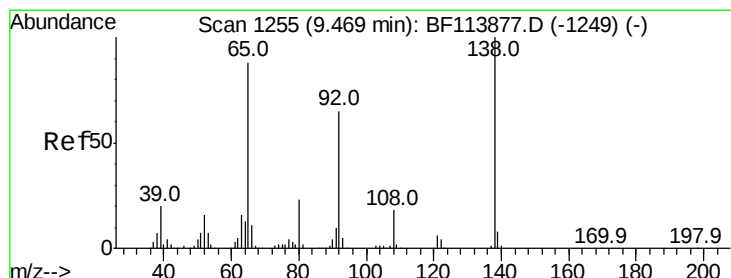
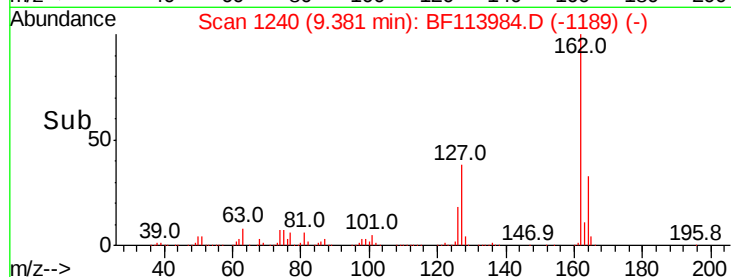
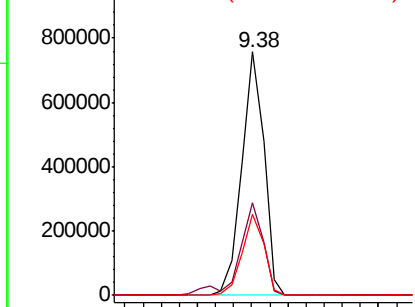
#47
 2-Chloronaphthalene
 Concen: 47.818 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF113984.D
 Acq: 25 Apr 2019 18:17

Instrument :
 BNA_F
 ClientSampleId :
 HW-7MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	29.3	43.9
164	33.1	27.1	40.7

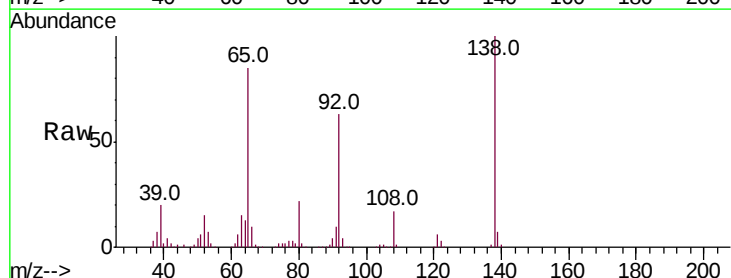


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

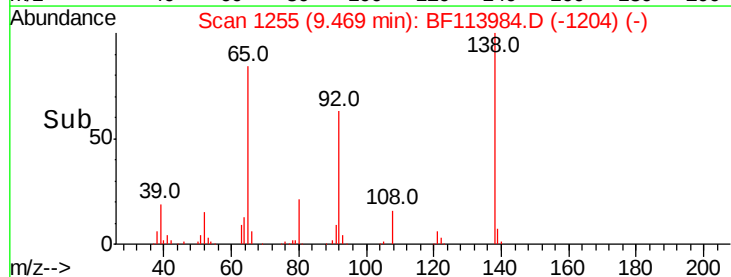
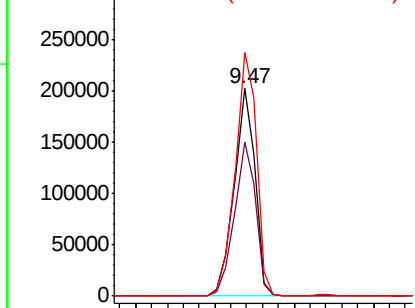


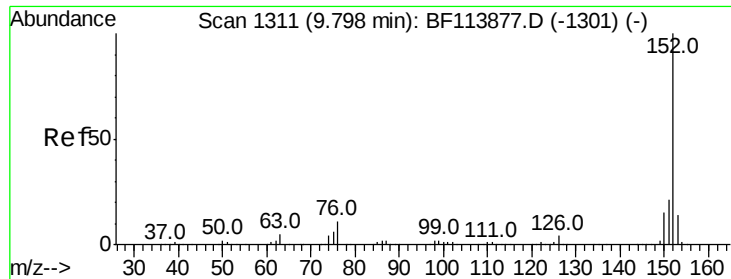
#48
 2-Nitroaniline
 Concen: 52.691 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF113984.D
 Acq: 25 Apr 2019 18:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.0	57.4	86.0
138	117.3	85.4	128.0



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





#49

Acenaphthylene

Concen: 47.647 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF113984.D

Acq: 25 Apr 2019 18:17

Instrument :

BNA_F

ClientSampleId :

HW-7MS

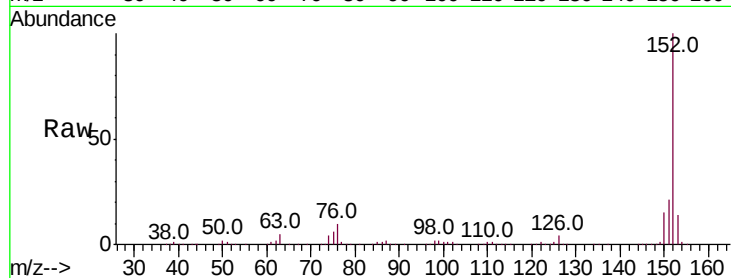
Tot Ion:152 Resp: 1003506

Ion Ratio Lower Upper

152 100

151 20.6 17.0 25.4

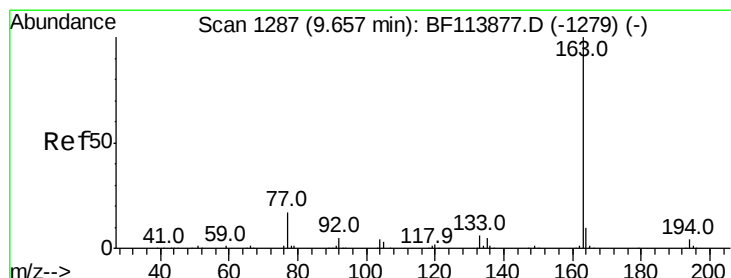
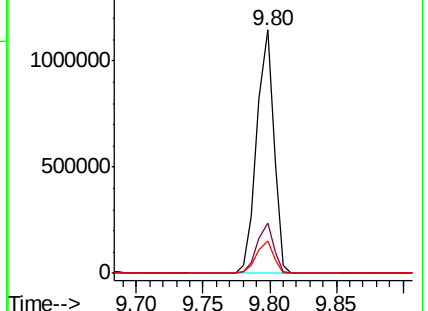
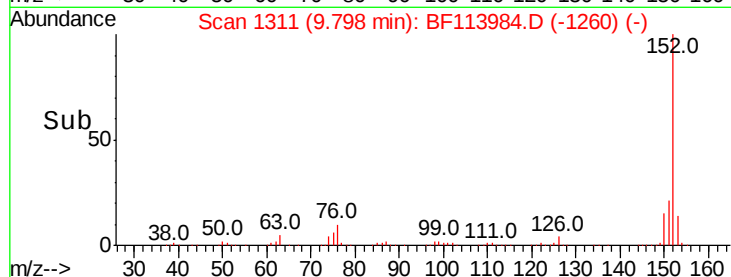
153 13.5 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.833 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF113984.D

Acq: 25 Apr 2019 18:17

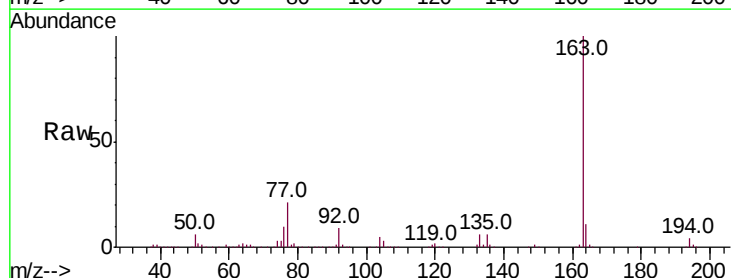
Tgt Ion:163 Resp: 796134

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

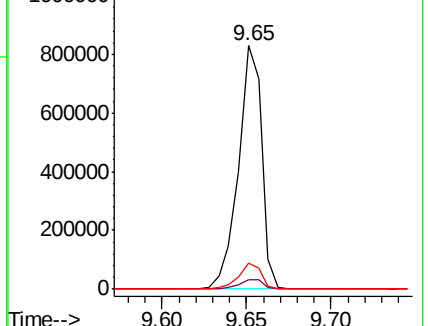
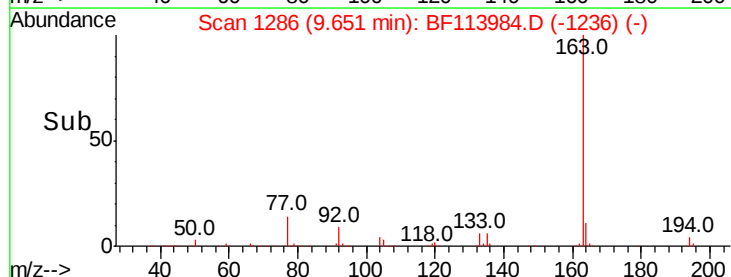
164 10.7 8.5 12.7

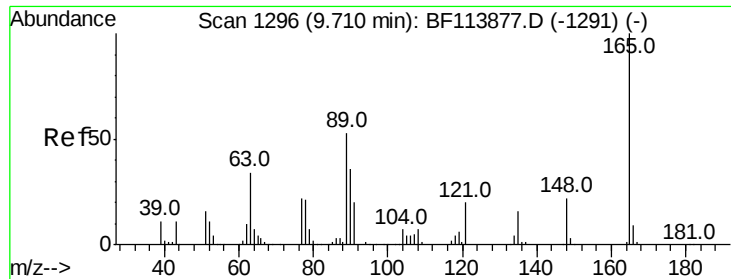


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

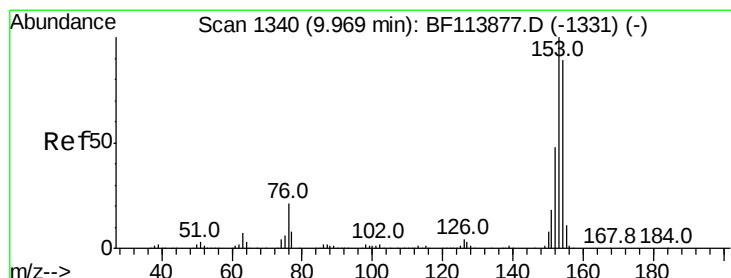
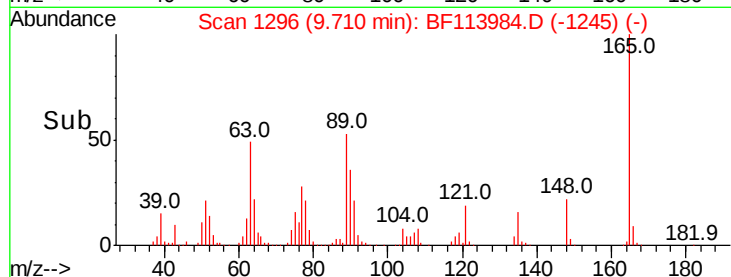
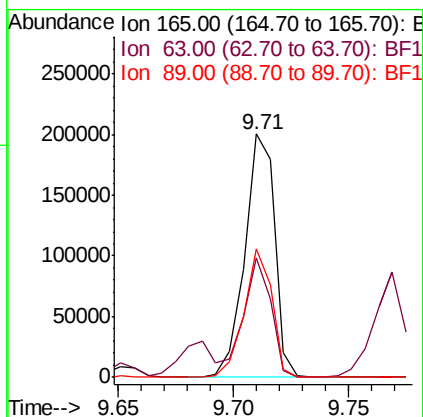
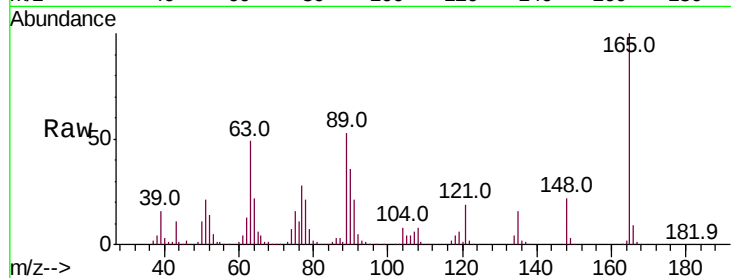




#51
 2,6-Dinitrotoluene
 Concen: 54.129 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF113984.D
 Acq: 25 Apr 2019 18:17

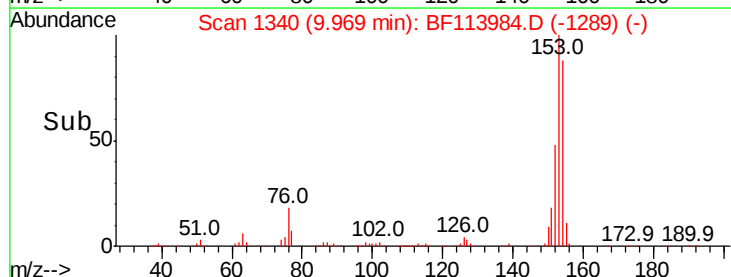
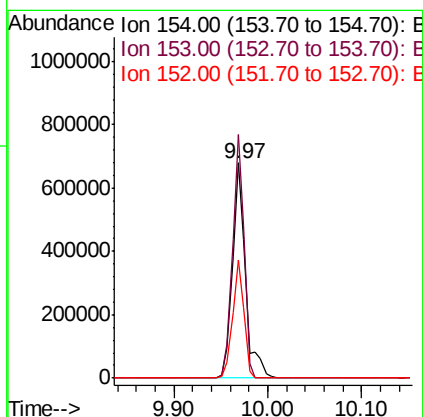
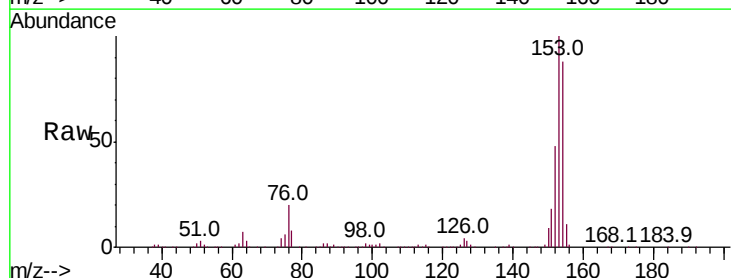
Instrument :
 BNA_F
 ClientSampleId :
 HW-7MS

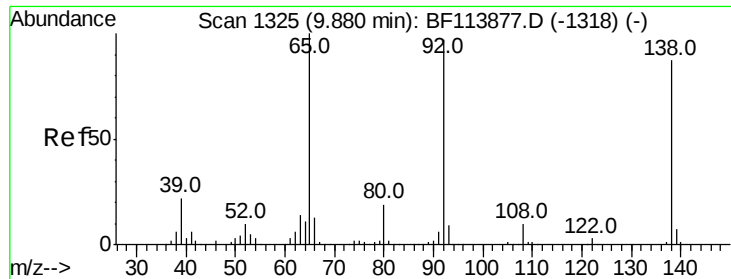
Tot Ion	Ratio	Lower	Upper
165	100		
63	49.2	33.8	50.8
89	52.5	38.2	57.2



#52
 Acenaphthene
 Concen: 52.593 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF113984.D
 Acq: 25 Apr 2019 18:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.2	87.2	130.8
152	54.7	42.3	63.5

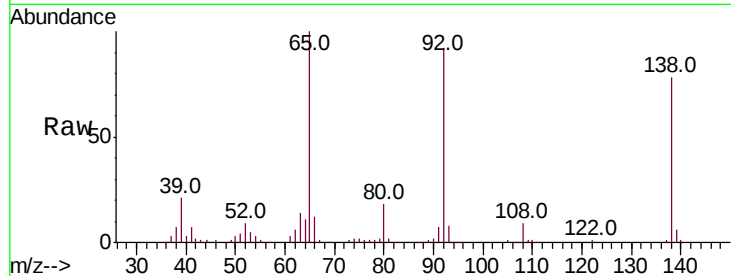




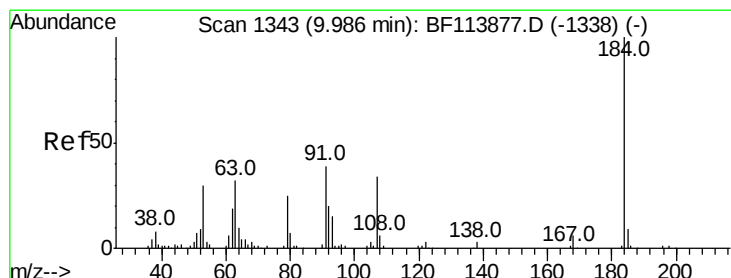
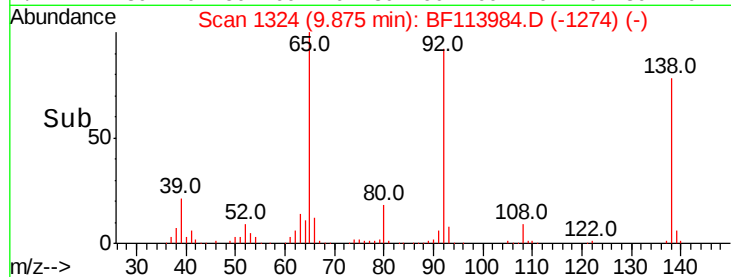
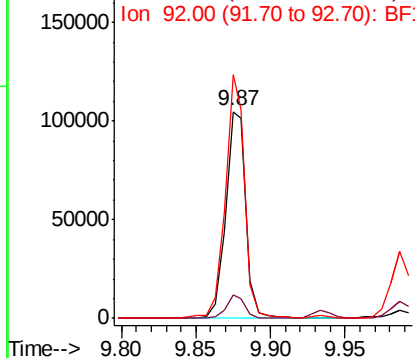
#53
 3-Nitroaniline
 Concen: 28.381 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF113984.D
 Acq: 25 Apr 2019 18:17

Instrument :
 BNA_F
 ClientSampleId :
 HW-7MS

Tot Ion:138 Resp: 100207
 Ion Ratio Lower Upper
 138 100
 108 11.2 9.4 14.2
 92 117.8 94.1 141.1

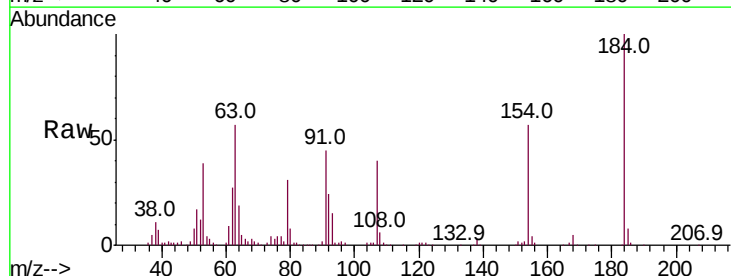


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

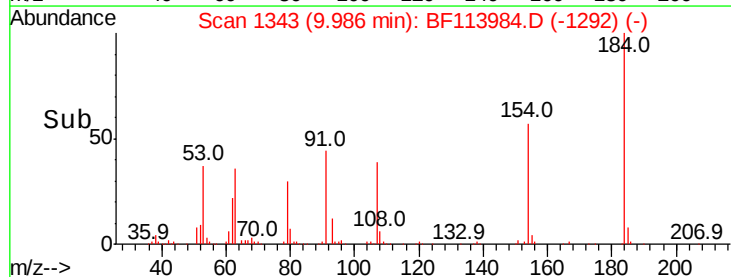
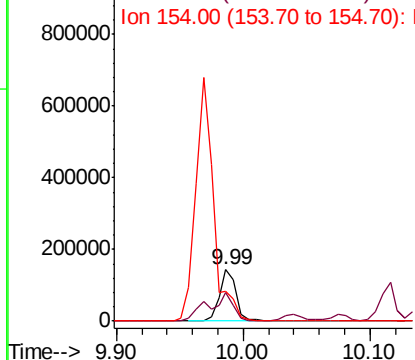


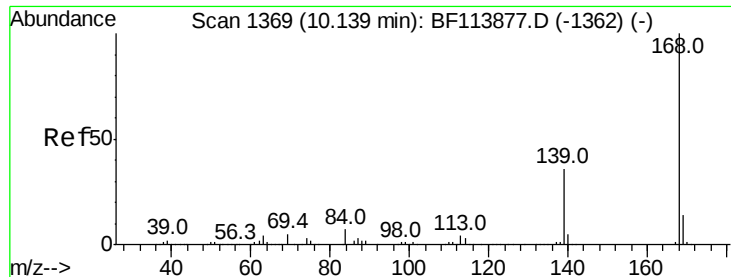
#54
 2,4-Dinitrophenol
 Concen: 89.428 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.00 min
 Lab File: BF113984.D
 Acq: 25 Apr 2019 18:17

Tgt Ion:184 Resp: 131594
 Ion Ratio Lower Upper
 184 100
 63 56.5 54.6 81.8
 154 57.3 218.6 328.0#



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

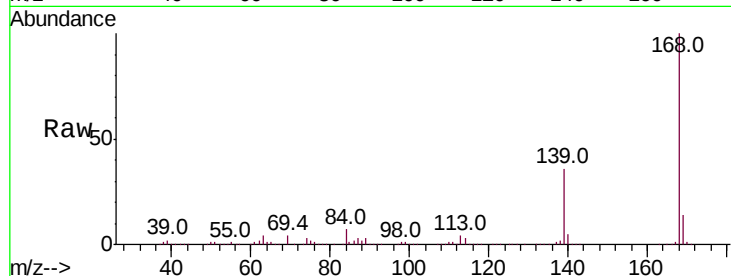




#55
 Dibenzofuran
 Concen: 49.800 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: BF113984.D
 Acq: 25 Apr 2019 18:17

Instrument :
 BNA_F
 ClientSampleId :
 HW-7MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.2	27.8	41.6
169	14.0	11.0	16.6

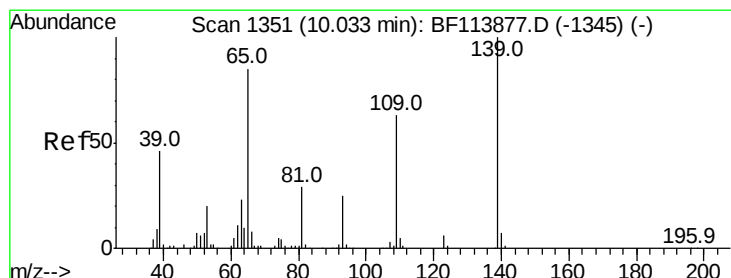
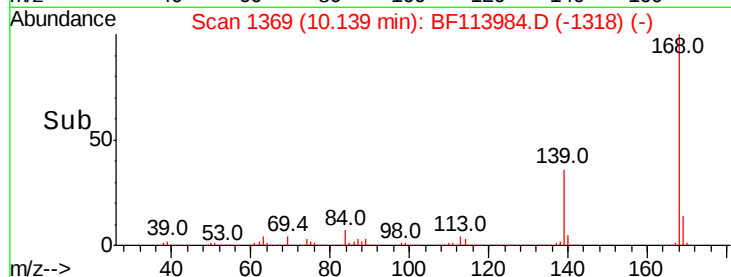
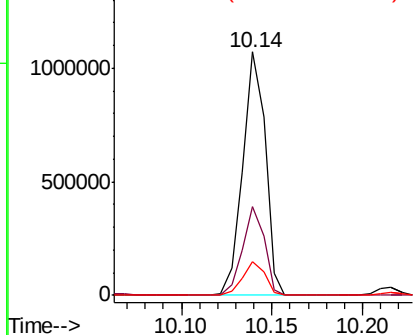


Abundance

Ion 168.00 (167.70 to 168.70): E

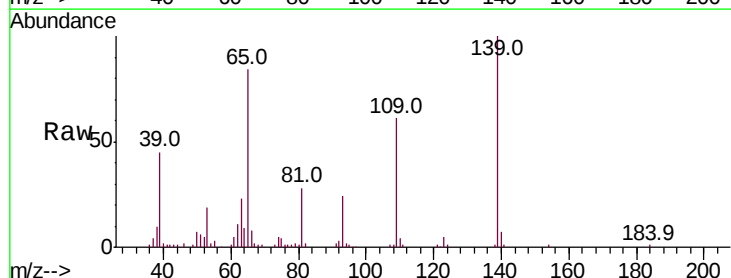
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
 4-Nitrophenol
 Concen: 31.928 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. 0.01 min
 Lab File: BF113984.D
 Acq: 25 Apr 2019 18:17

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.4	42.9	82.9
65	83.8	64.4	104.4

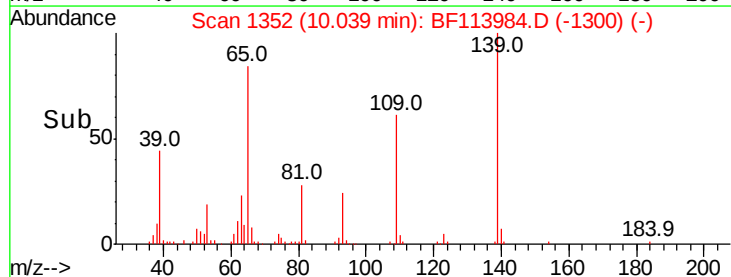
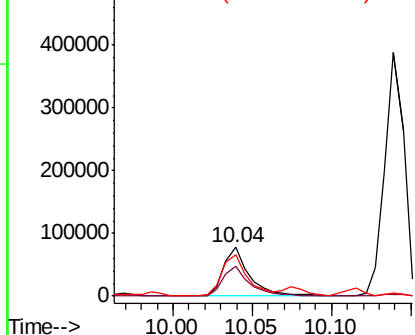


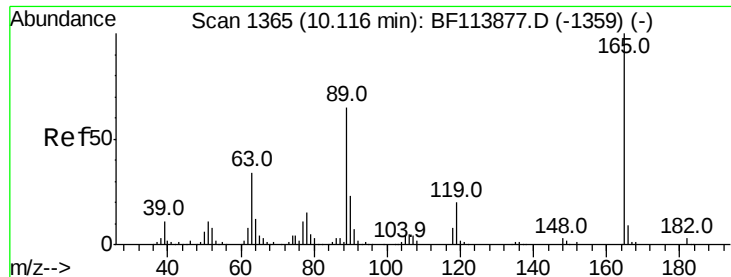
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

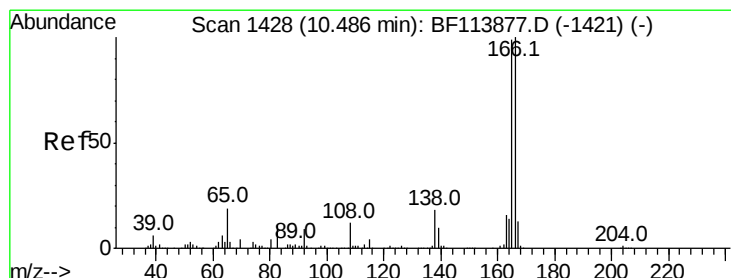
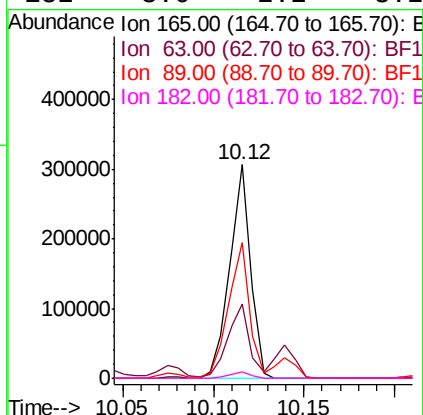
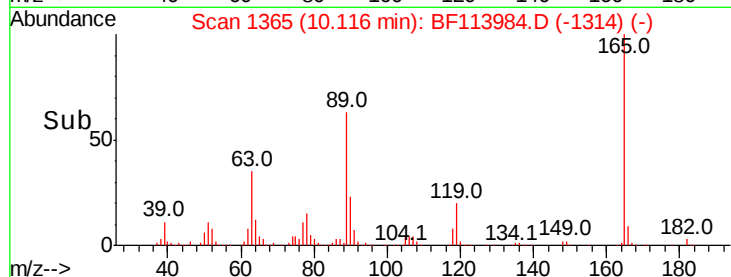
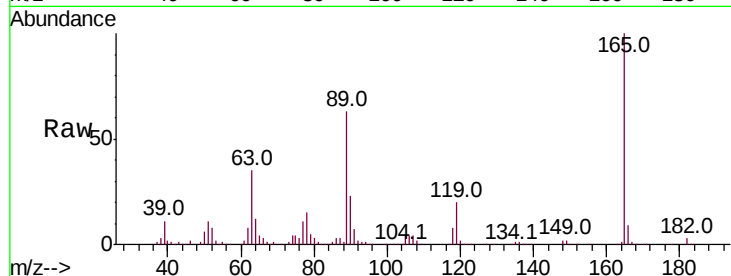




#57
 2,4-Dinitrotoluene
 Concen: 58.204 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: BF113984.D
 Acq: 25 Apr 2019 18:17

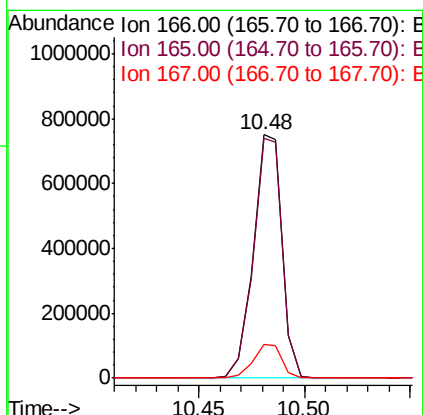
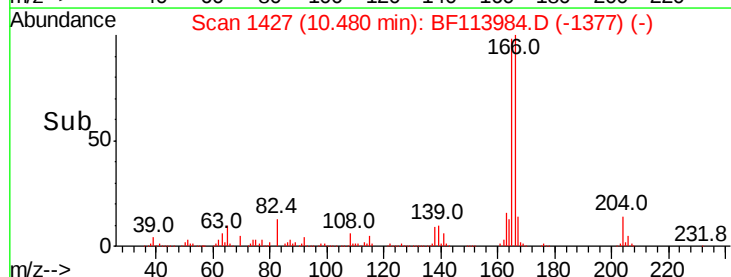
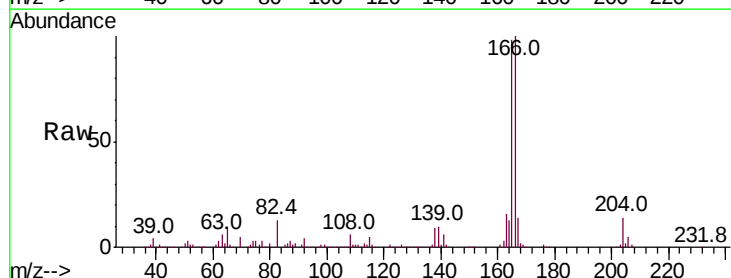
Instrument :
 BNA_F
 ClientSampleId :
 HW-7MS

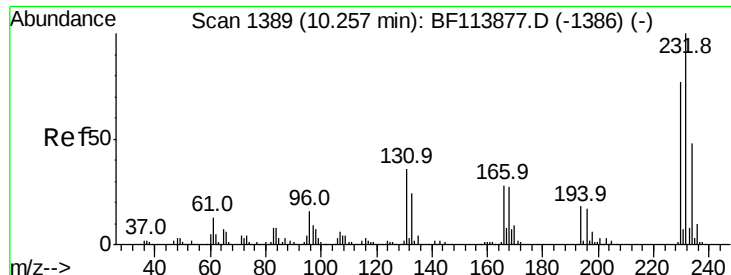
Tot Ion:	165	Resp:	246848
Ion	Ratio	Lower	Upper
165	100		
63	34.8	27.4	41.0
89	63.5	51.8	77.6
182	3.0	2.2	3.2



#58
 Fluorene
 Concen: 50.556 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF113984.D
 Acq: 25 Apr 2019 18:17

Tgt Ion:	166	Resp:	709660
Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.4	117.6
167	14.0	10.9	16.3

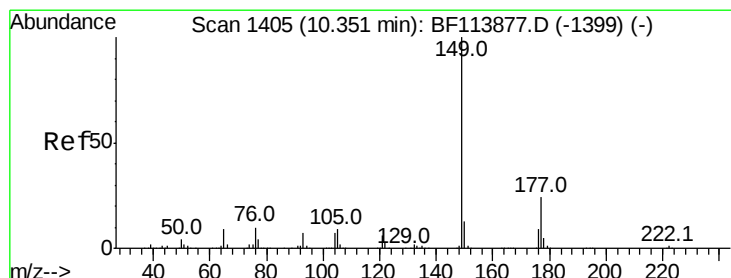
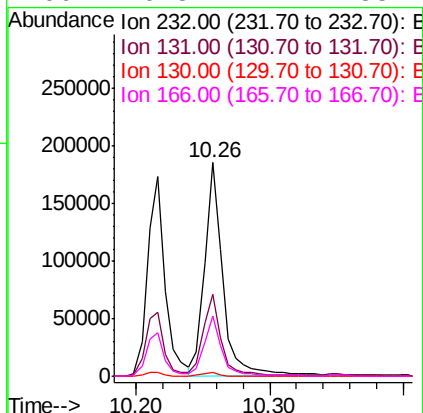
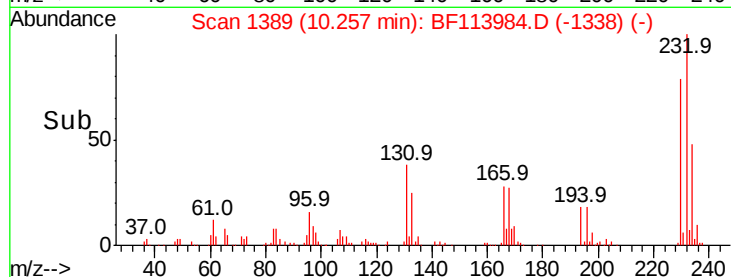
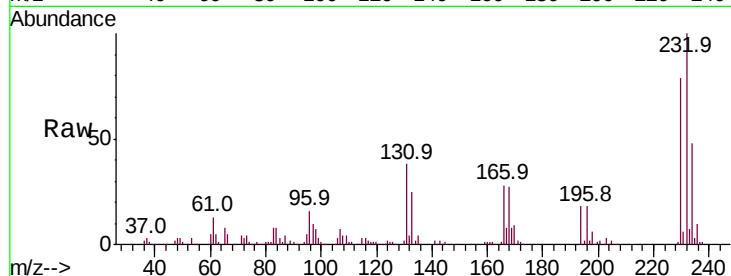




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.572 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF113984.D
Acq: 25 Apr 2019 18:17

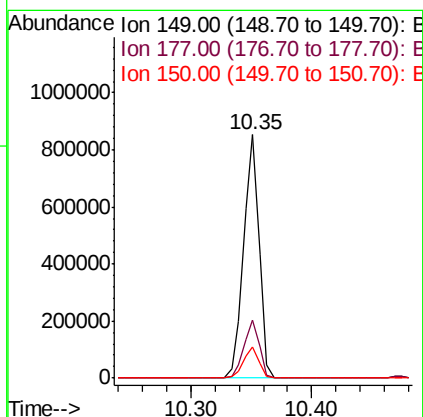
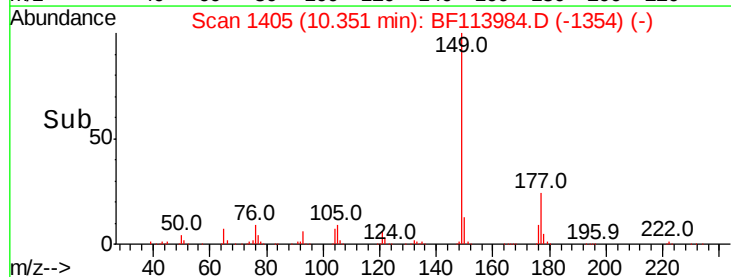
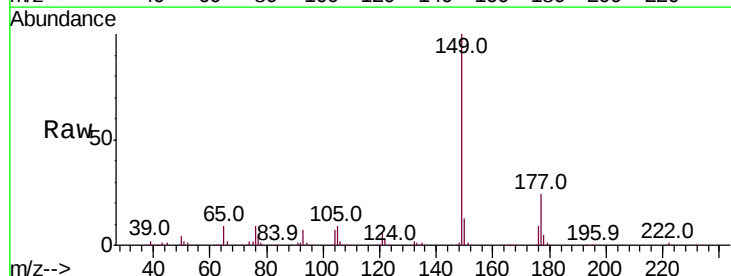
Instrument :
BNA_F
ClientSampleId :
HW-7MS

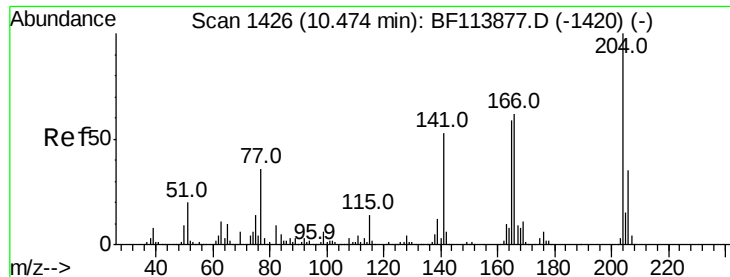
Tot Ion:	232	Resp:	174232
Ion	Ratio	Lower	Upper
232	100		
131	38.7	30.2	45.2
130	1.8	1.5	2.3
166	26.8	22.2	33.4



#60
Diethylphthalate
Concen: 51.474 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF113984.D
Acq: 25 Apr 2019 18:17

Tgt Ion:	149	Resp:	765557
Ion	Ratio	Lower	Upper
149	100		
177	23.7	19.2	28.8
150	12.8	10.3	15.5

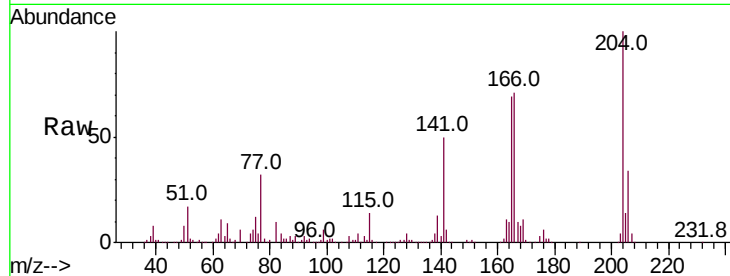




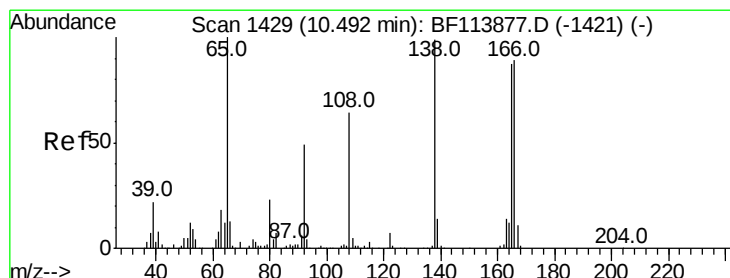
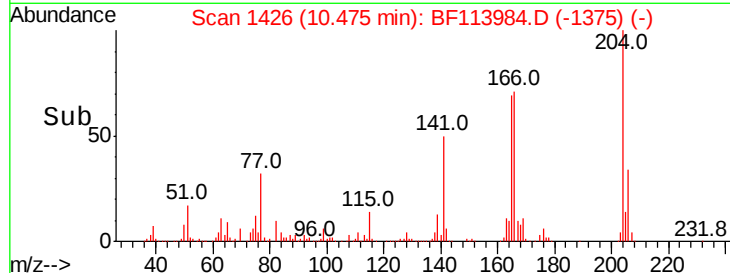
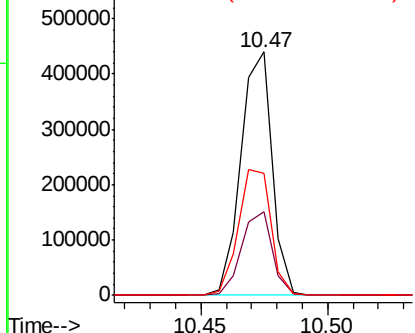
#61
4-Chlorophenyl-phenylether
Concen: 50.699 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF113984.D
Acq: 25 Apr 2019 18:17

Instrument :
BNA_F
ClientSampleId :
HW-7MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.3	27.4	41.2
141	49.9	42.6	63.8

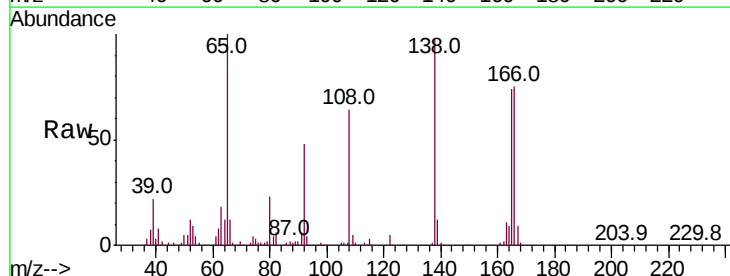


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

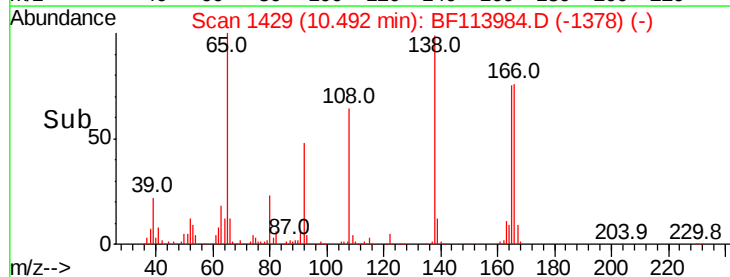
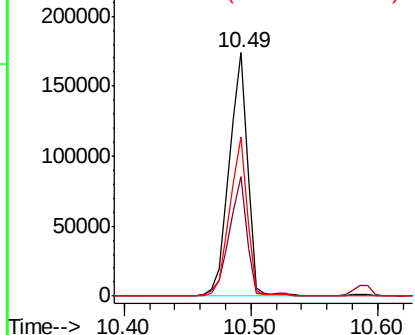


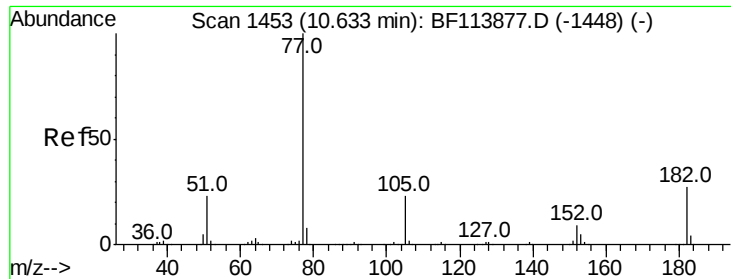
#62
4-Nitroaniline
Concen: 50.383 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF113984.D
Acq: 25 Apr 2019 18:17

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.0	31.3	71.3
108	65.2	48.9	88.9



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

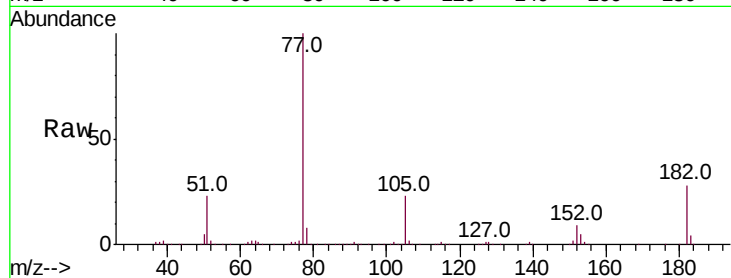




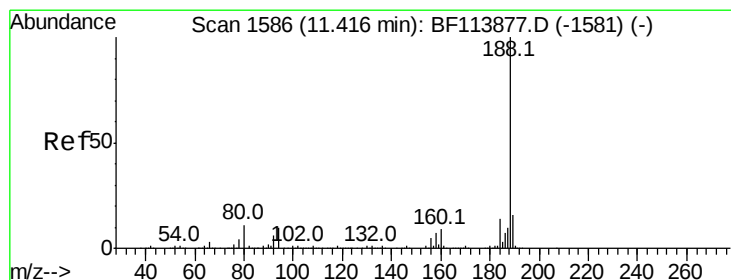
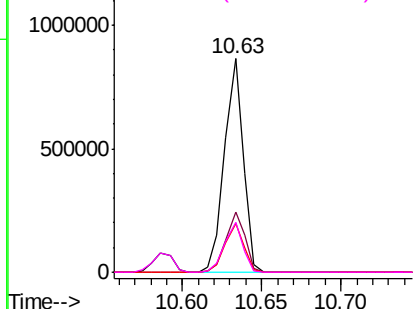
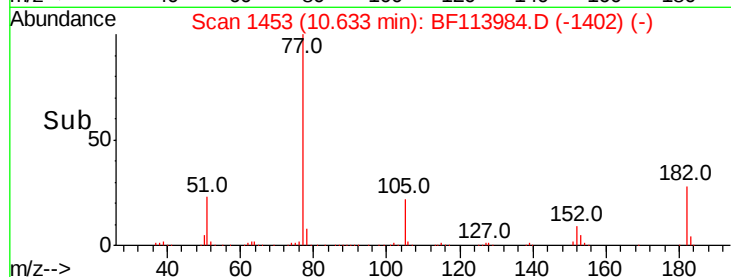
#63
Azobenzene
Concen: 49.195 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF113984.D
Acq: 25 Apr 2019 18:17

Instrument :
BNA_F
ClientSampleId :
HW-7MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.1	4.4	44.4
105	22.5	2.2	42.2
51	23.4	3.9	43.9

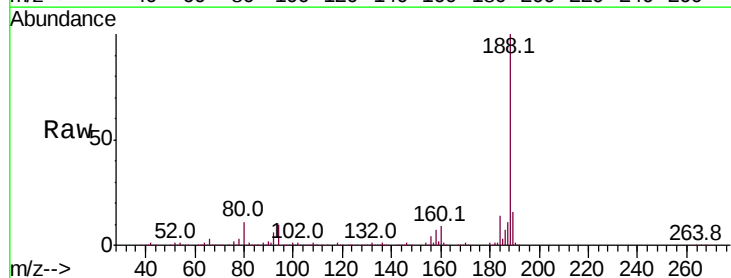


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

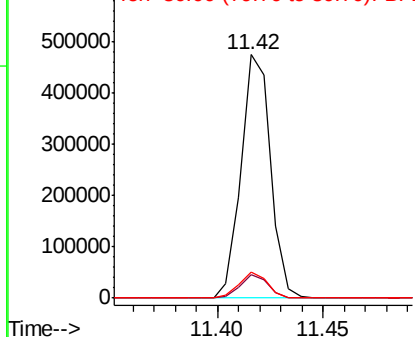
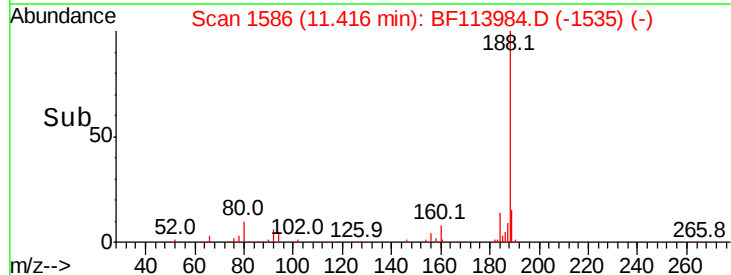


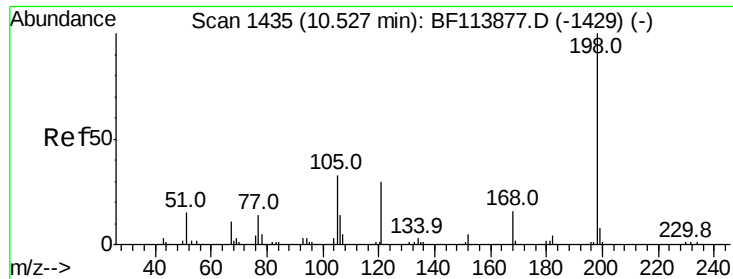
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF113984.D
Acq: 25 Apr 2019 18:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.2	12.4
80	10.6	9.0	13.6



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

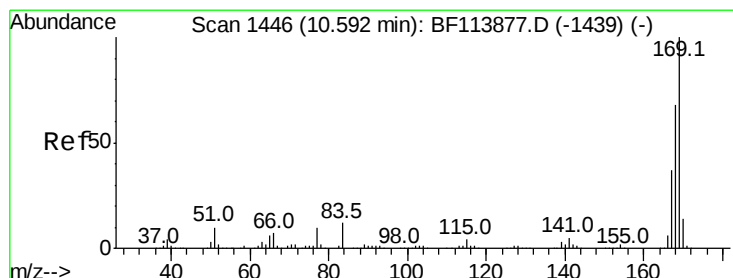
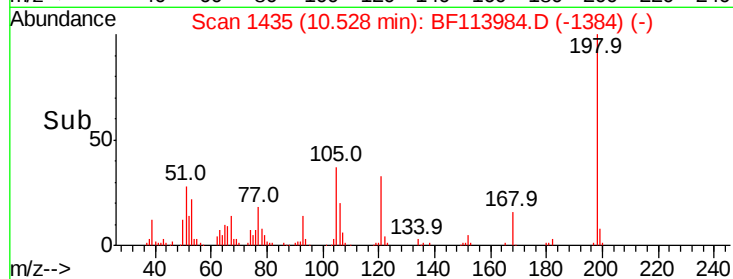
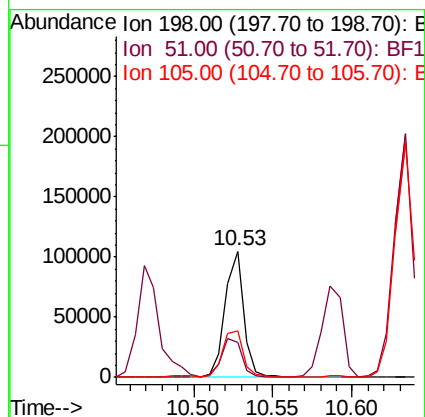
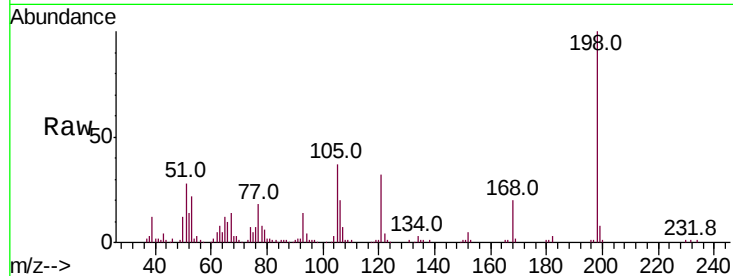




#65
4,6-Dinitro-2-methylphenol
Concen: 42.111 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF113984.D
Acq: 25 Apr 2019 18:17

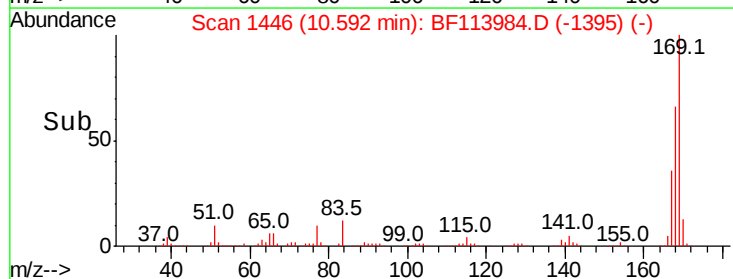
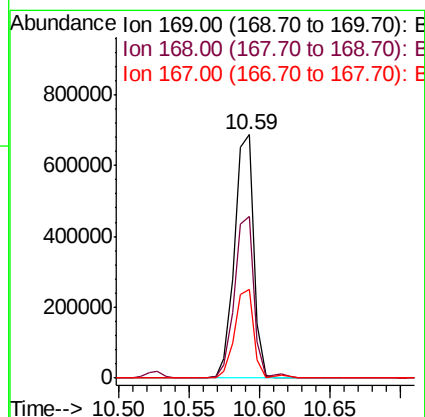
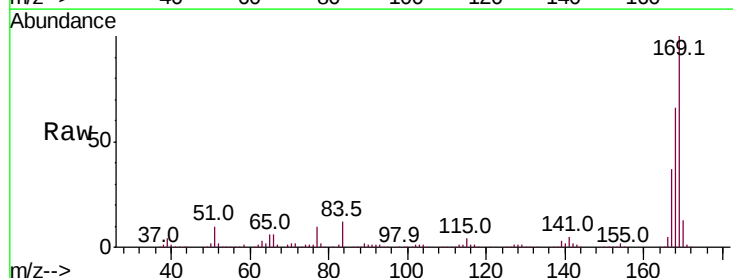
Instrument :
BNA_F
ClientSampleId :
HW-7MS

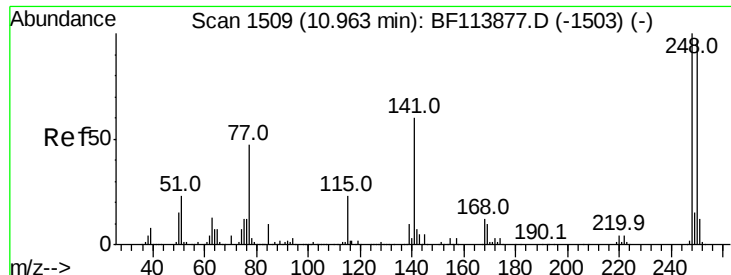
Tot Ion:198 Resp: 86263
Ion Ratio Lower Upper
198 100
51 28.0 11.1 51.1
105 37.2 20.7 60.7



#66
n-Nitrosodiphenylamine
Concen: 47.383 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF113984.D
Acq: 25 Apr 2019 18:17

Tgt Ion:169 Resp: 651778
Ion Ratio Lower Upper
169 100
168 66.3 54.3 81.5
167 36.5 29.4 44.0

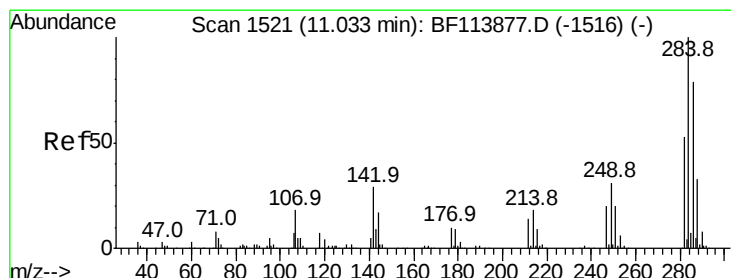
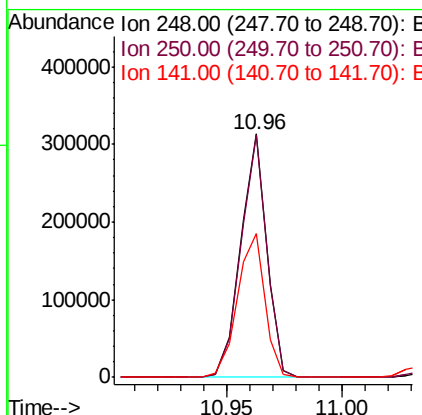
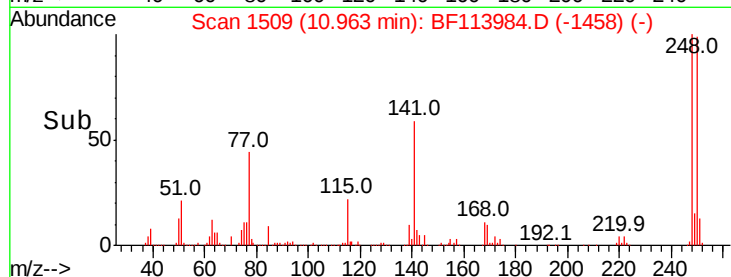
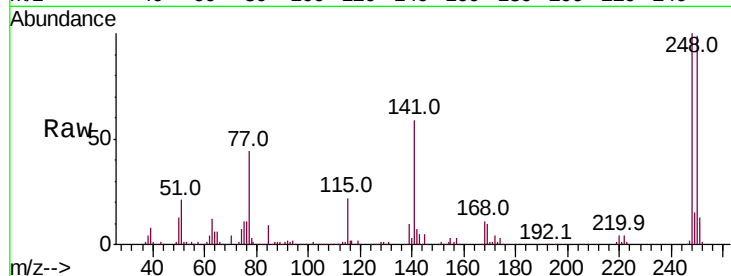




#67
 4-Bromophenyl-phenylether
 Concen: 44.747 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: BF113984.D
 Acq: 25 Apr 2019 18:17

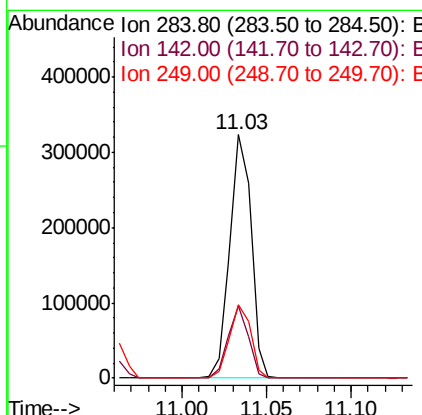
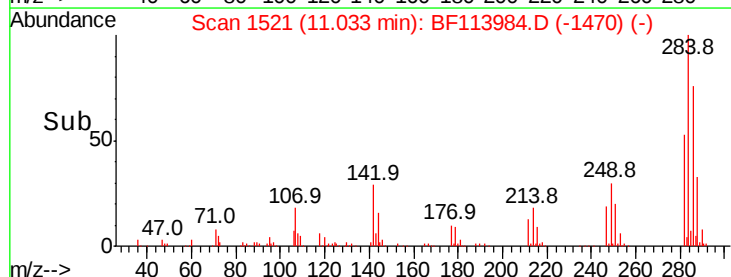
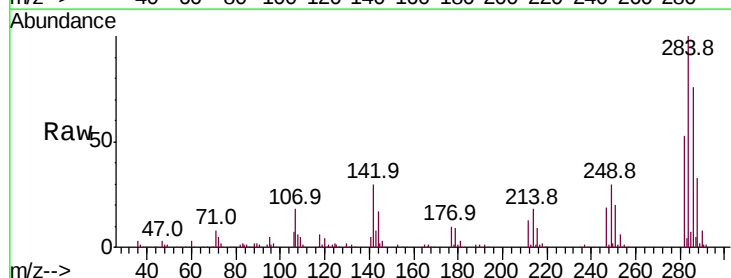
Instrument :
 BNA_F
 ClientSampleId :
 HW-7MS

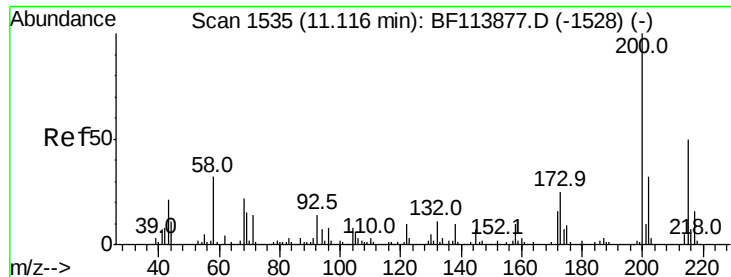
Tot Ion:248 Resp: 247812
 Ion Ratio Lower Upper
 248 100
 250 99.4 75.8 113.6
 141 59.1 50.2 75.4



#68
 Hexachlorobenzene
 Concen: 46.763 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF113984.D
 Acq: 25 Apr 2019 18:17

Tgt Ion:284 Resp: 284589
 Ion Ratio Lower Upper
 284 100
 142 29.5 23.0 34.4
 249 30.0 24.4 36.6

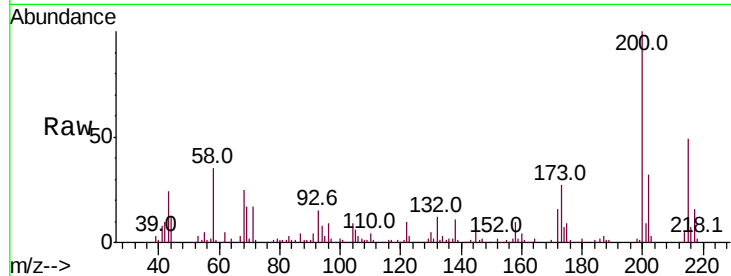




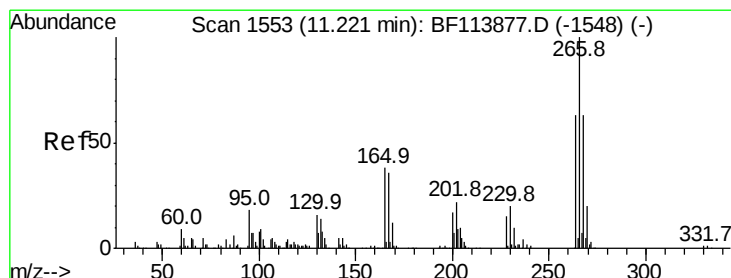
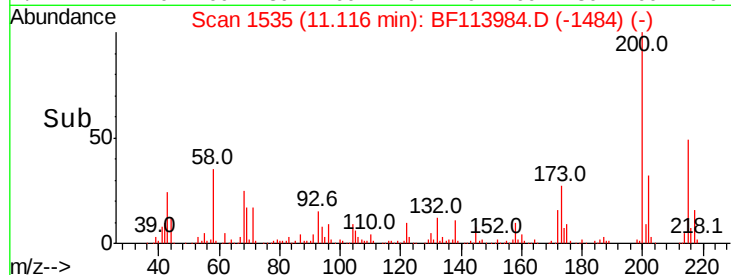
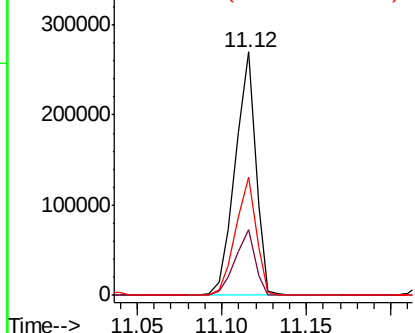
#69
Atrazine
Concen: 51.107 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF113984.D
Acq: 25 Apr 2019 18:17

Instrument :
BNA_F
ClientSampleId :
HW-7MS

Tot Ion:200 Resp: 228689
Ion Ratio Lower Upper
200 100
173 27.0 5.9 45.9
215 48.7 29.3 69.3

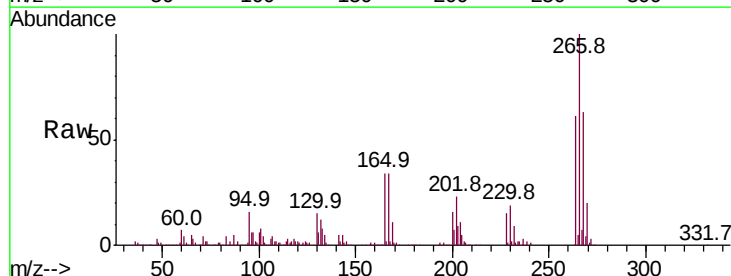


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

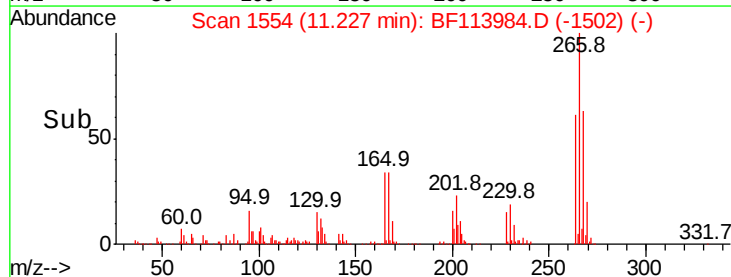
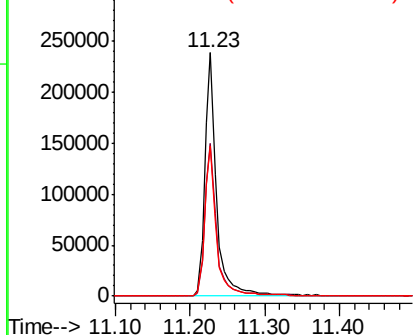


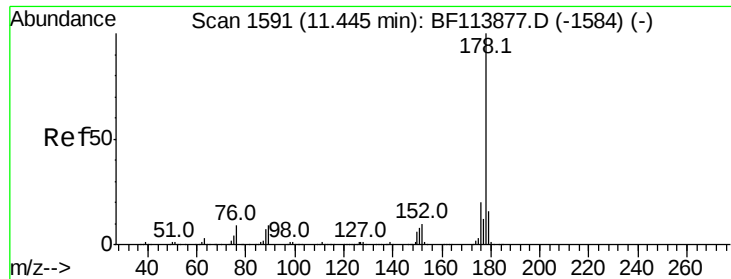
#70
Pentachlorophenol
Concen: 76.430 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF113984.D
Acq: 25 Apr 2019 18:17

Tgt Ion:266 Resp: 263355
Ion Ratio Lower Upper
266 100
268 62.9 53.5 80.3
264 61.4 51.0 76.6



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





#71

Phenanthrene

Concen: 49.211 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BF113984.D

Acq: 25 Apr 2019 18:17

Instrument :

BNA_F

ClientSampleId :

HW-7MS

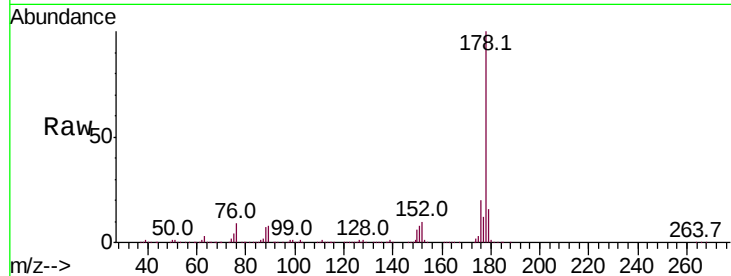
Tot Ion:178 Resp: 1133771

Ion Ratio Lower Upper

178 100

176 20.5 16.1 24.1

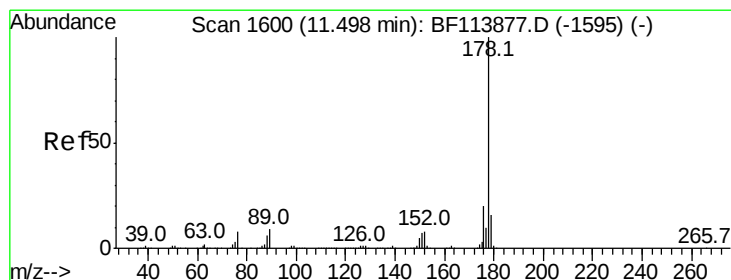
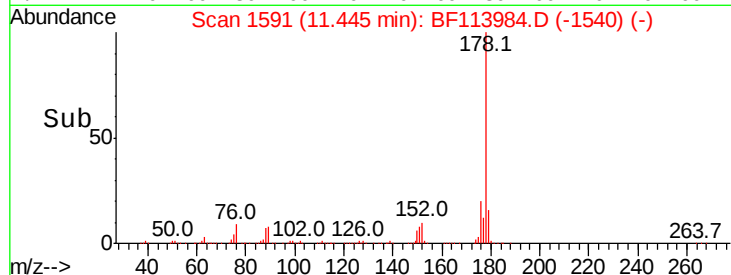
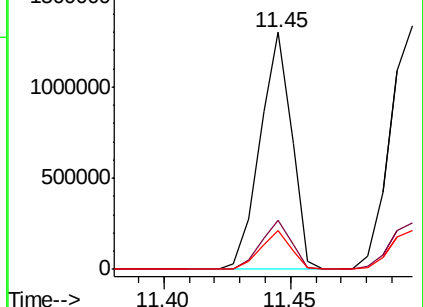
179 16.3 12.8 19.2



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



#72

Anthracene

Concen: 50.550 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF113984.D

Acq: 25 Apr 2019 18:17

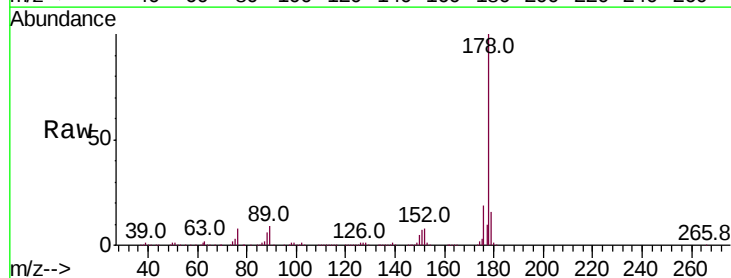
Tgt Ion:178 Resp: 1176067

Ion Ratio Lower Upper

178 100

176 19.1 15.7 23.5

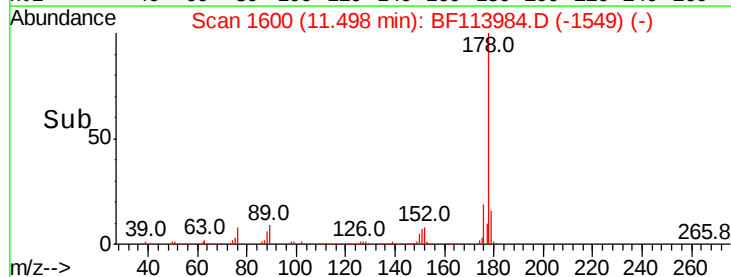
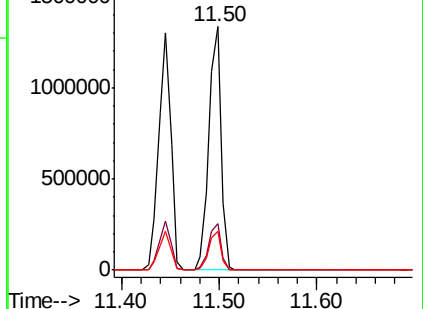
179 15.7 13.0 19.4

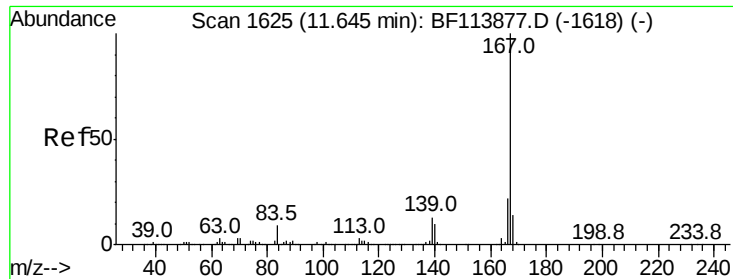


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



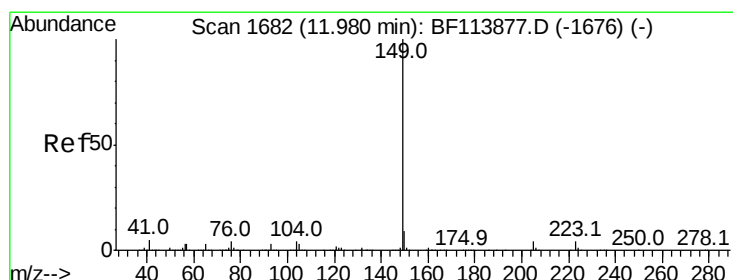
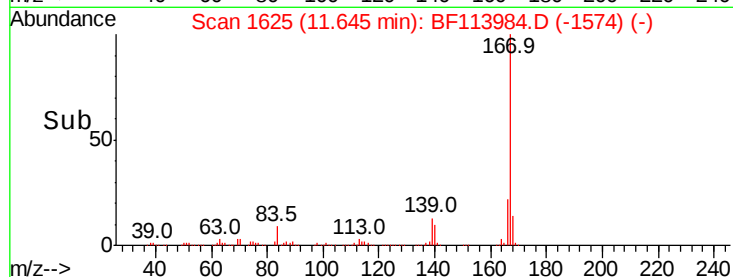
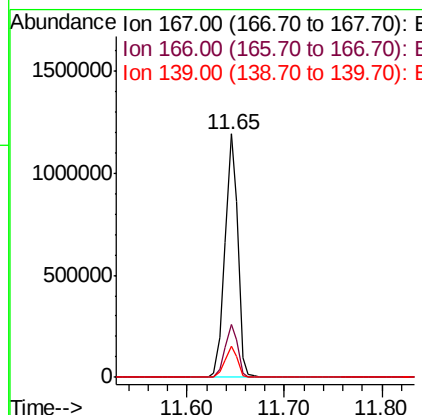
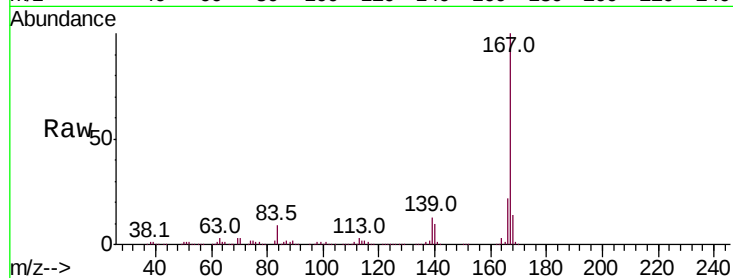


#73
 Carbazole
 Concen: 52.263 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF113984.D
 Acq: 25 Apr 2019 18:17

Instrument :
 BNA_F
 ClientSampleId :
 HW-7MS

Tot Ion:167 Resp: 1084777

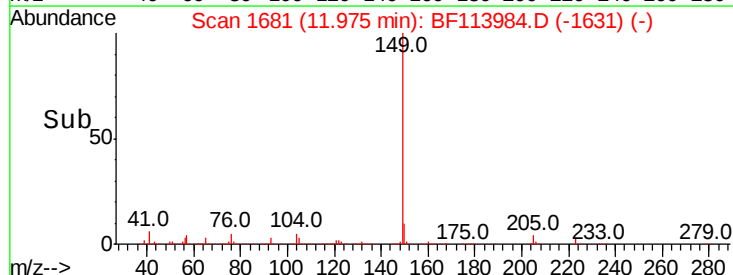
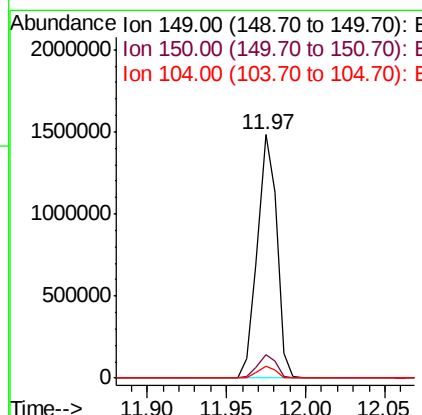
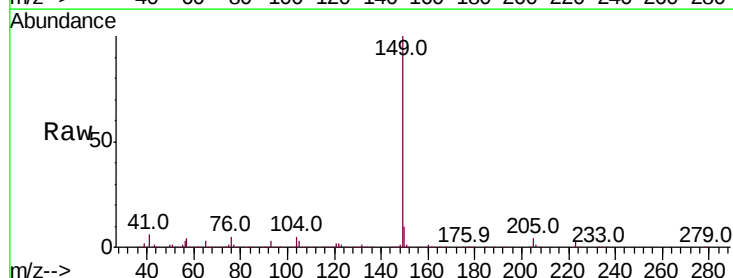
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.7	26.5
139	12.9	10.0	15.0

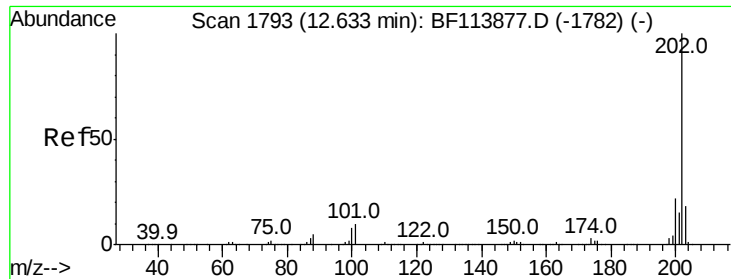


#74
 Di-n-butylphthalate
 Concen: 51.938 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BF113984.D
 Acq: 25 Apr 2019 18:17

Tgt Ion:149 Resp: 1268138

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.8
104	4.8	3.8	5.8



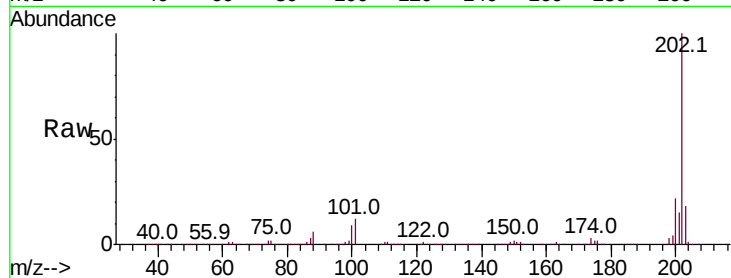


#75
 Fluoranthene
 Concen: 51.345 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BF113984.D
 Acq: 25 Apr 2019 18:17

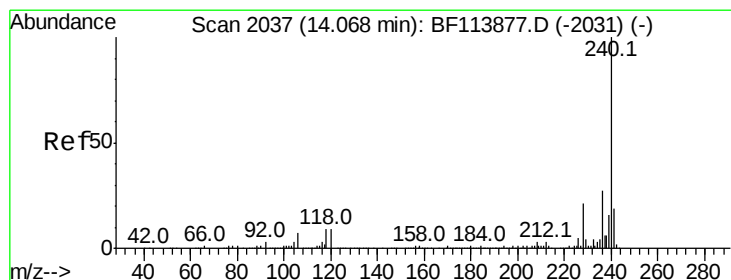
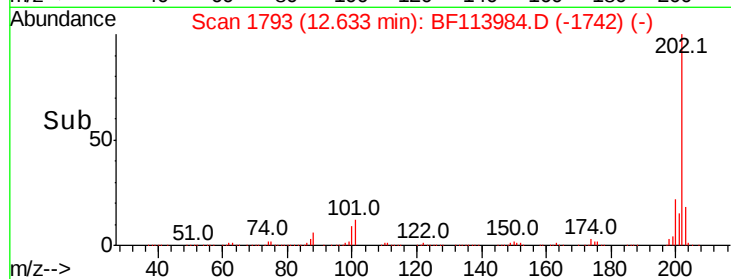
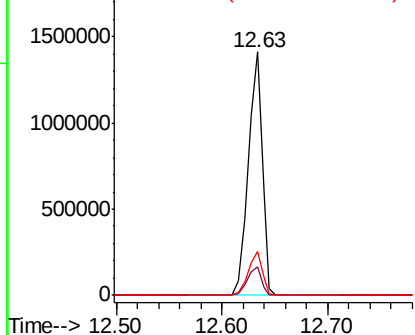
Instrument :
 BNA_F
 ClientSampleId :
 HW-7MS

Tot Ion:202 Resp: 1290613

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	32.9
203	18.1	0.0	38.2



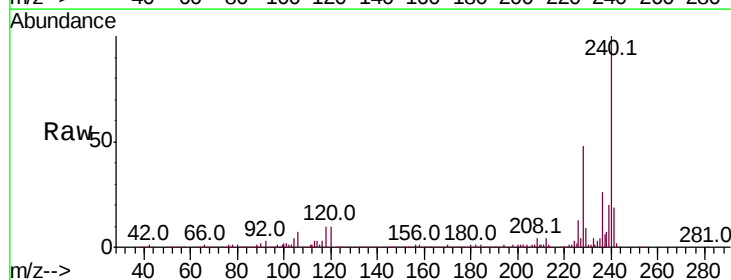
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



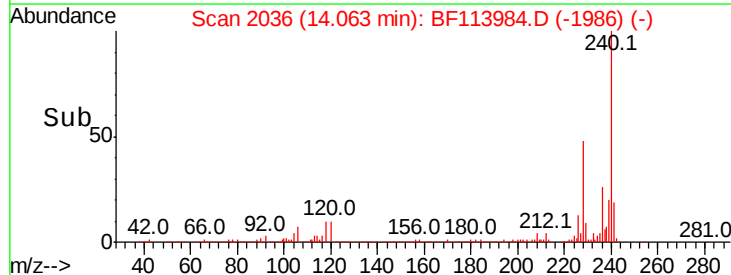
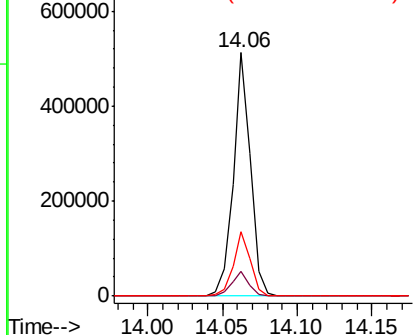
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF113984.D
 Acq: 25 Apr 2019 18:17

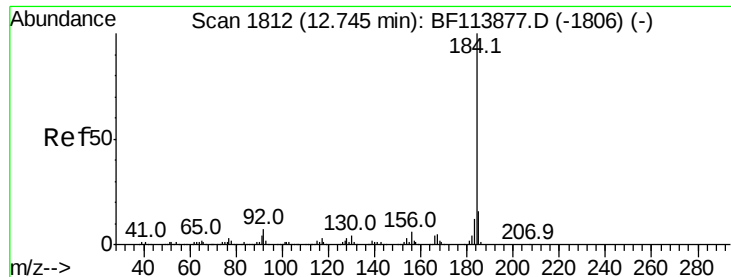
Tgt Ion:240 Resp: 415206

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.3	13.9
236	26.2	21.2	31.8



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





#77

Benzidine

Concen: 13.766 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF113984.D

Acq: 25 Apr 2019 18:17

Instrument :

BNA_F

ClientSampleId :

HW-7MS

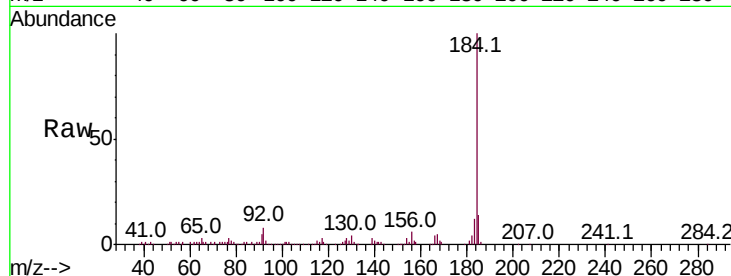
Tot Ion:184 Resp: 170301

Ion Ratio Lower Upper

184 100

185 14.2 13.0 19.6

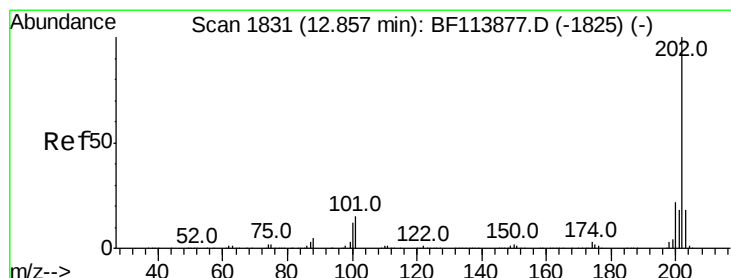
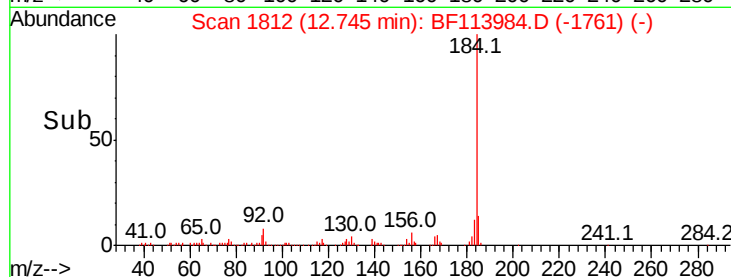
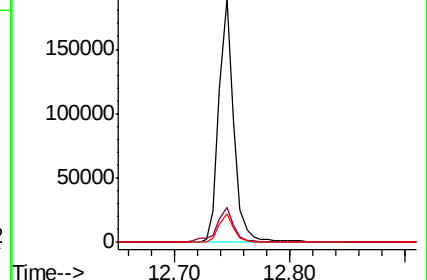
183 11.7 9.4 14.0



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



#78

Pyrene

Concen: 45.441 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF113984.D

Acq: 25 Apr 2019 18:17

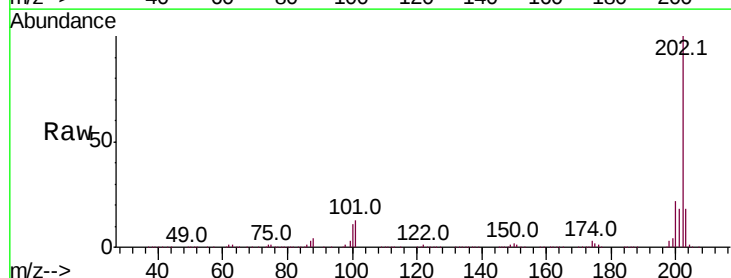
Tgt Ion:202 Resp: 1319414

Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

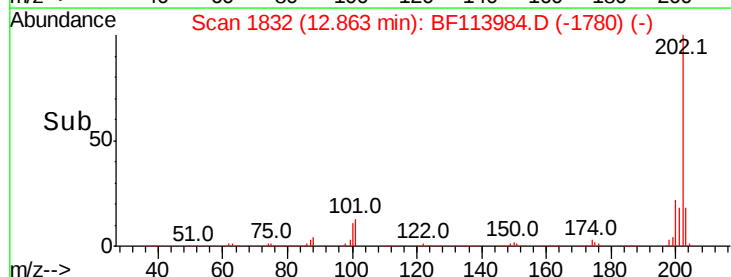
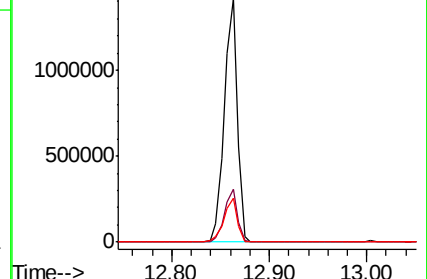
203 17.9 15.0 22.6

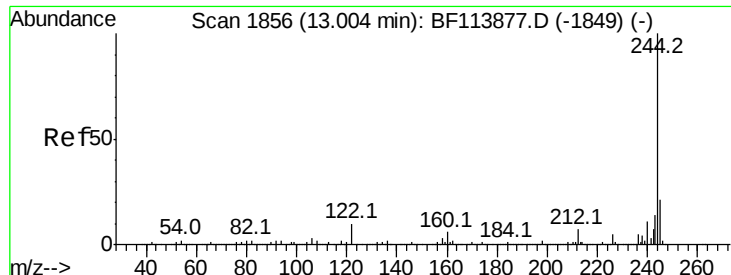


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.781 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF113984.D

Acq: 25 Apr 2019 18:17

Instrument :

BNA_F

ClientSampleId :

HW-7MS

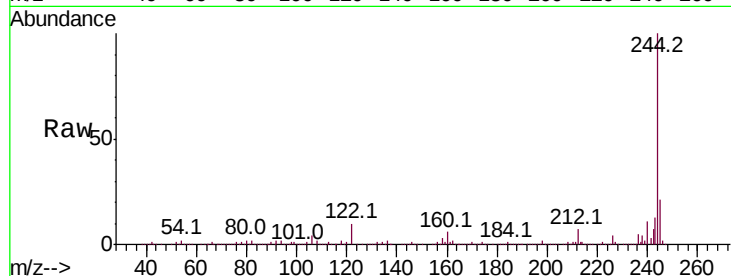
Tot Ion:244 Resp: 1838556

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

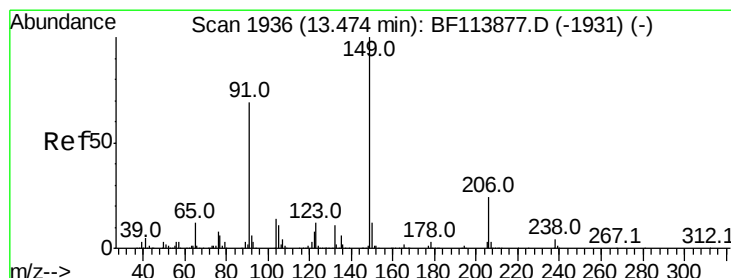
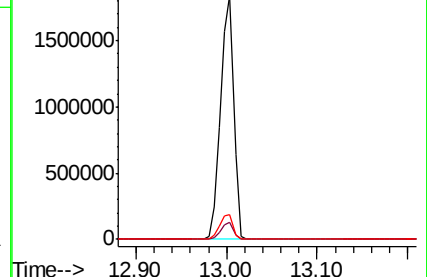
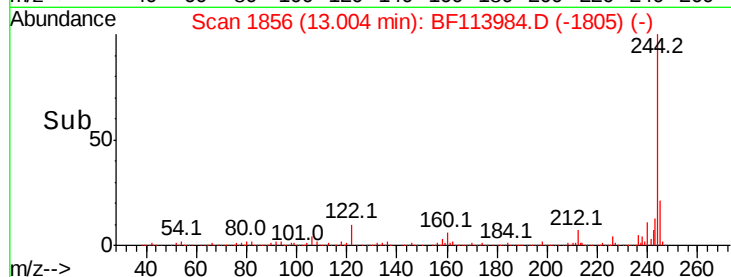
122 10.0 7.6 11.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.974 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BF113984.D

Acq: 25 Apr 2019 18:17

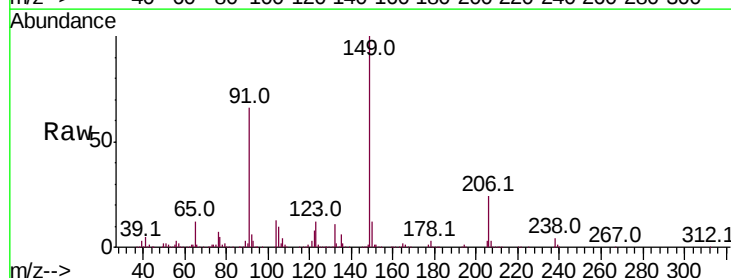
Tgt Ion:149 Resp: 582333

Ion Ratio Lower Upper

149 100

91 66.4 56.3 84.5

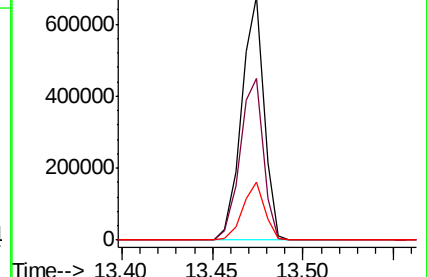
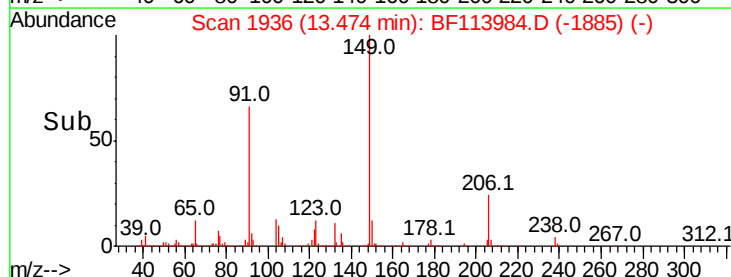
206 23.7 19.0 28.6

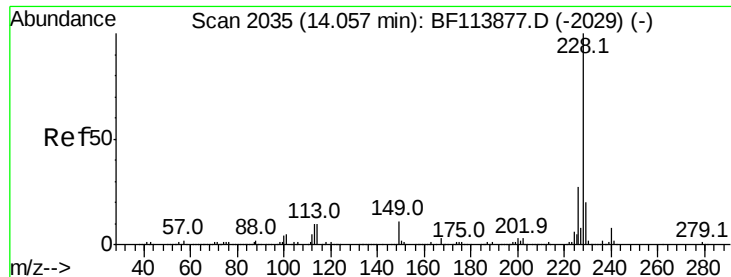


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 51.650 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF113984.D

Acq: 25 Apr 2019 18:17

Instrument :

BNA_F

ClientSampleId :

HW-7MS

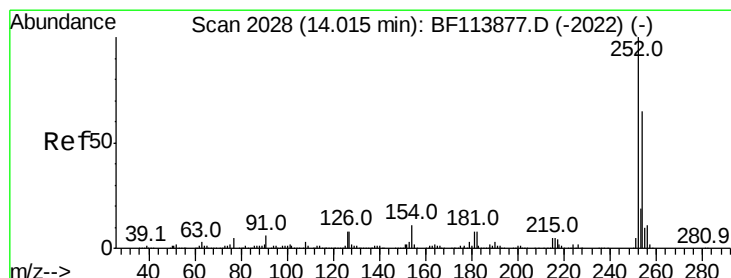
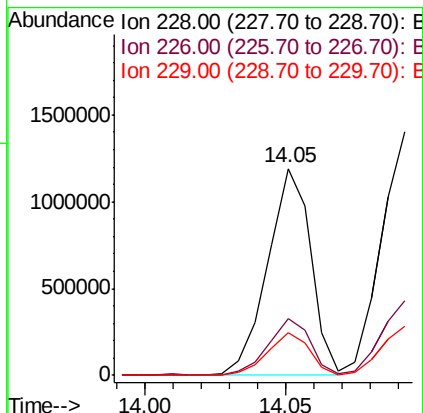
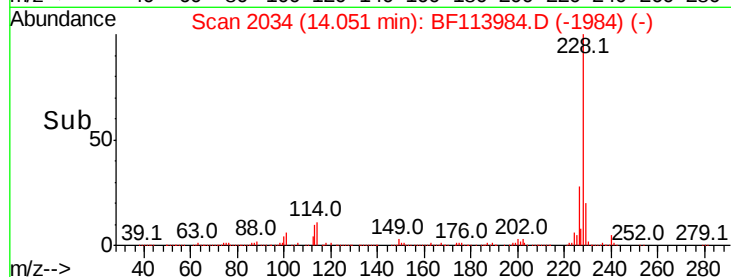
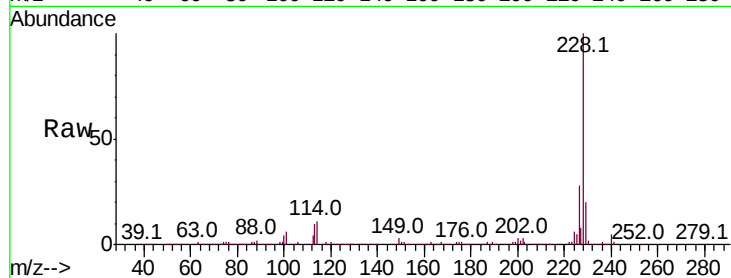
Tot Ion:228 Resp: 1263530

Ion Ratio Lower Upper

228 100

226 27.5 22.2 33.2

229 20.4 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 42.636 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF113984.D

Acq: 25 Apr 2019 18:17

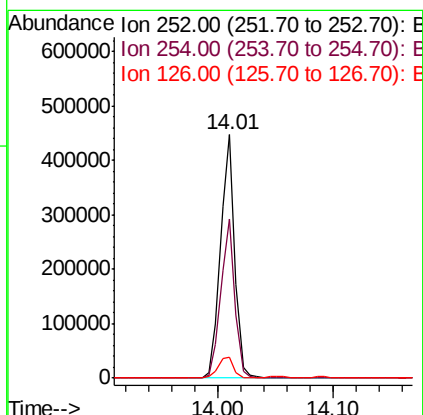
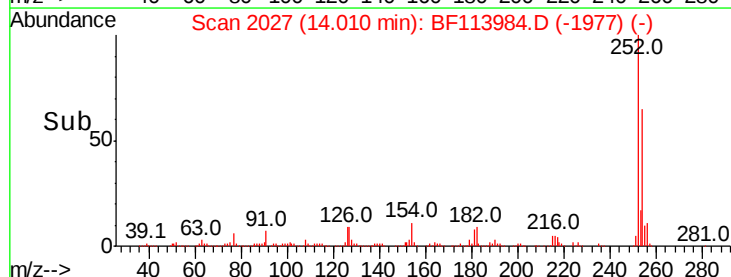
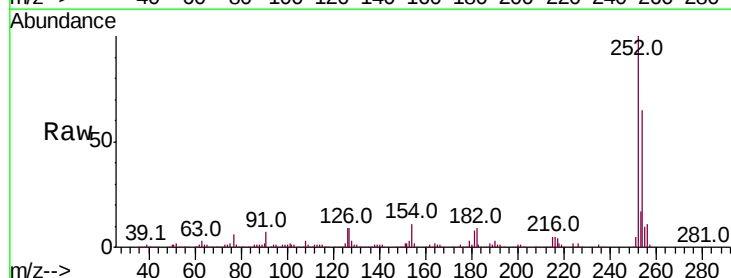
Tgt Ion:252 Resp: 382296

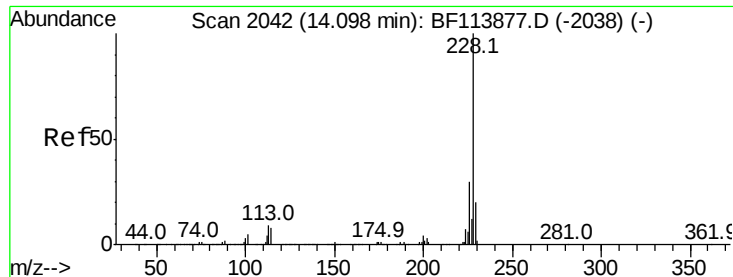
Ion Ratio Lower Upper

252 100

254 65.2 52.1 78.1

126 8.6 9.3 13.9#

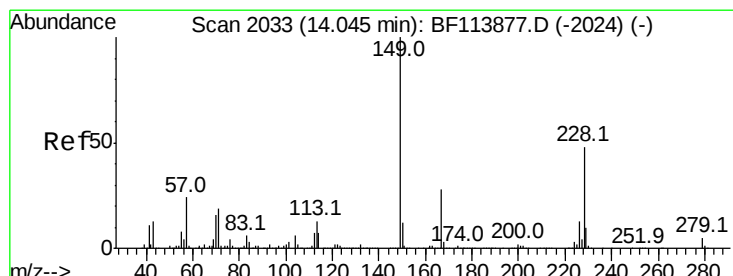
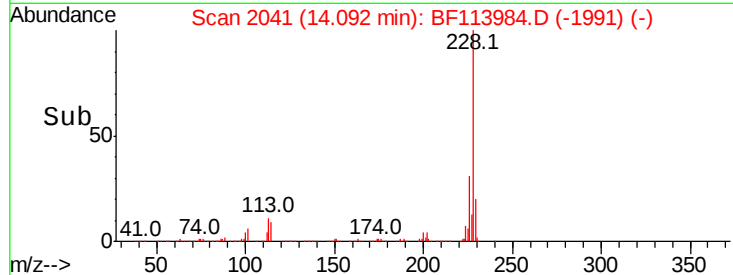
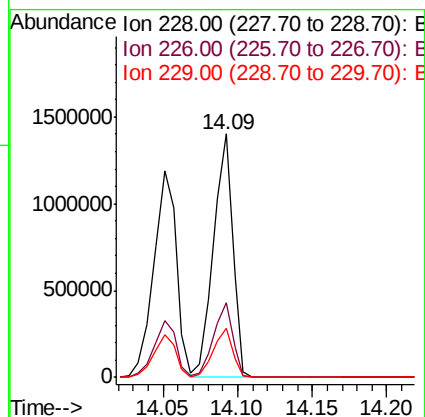
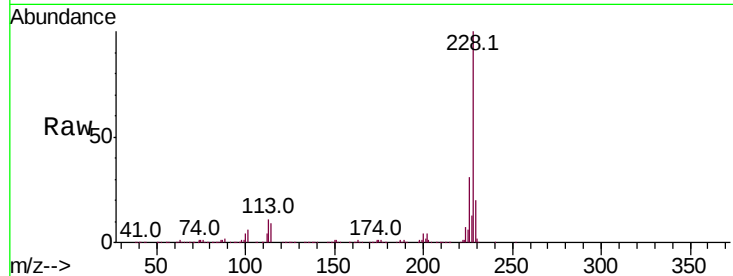




#83
Chrysene
Concen: 52.887 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF113984.D
Acq: 25 Apr 2019 18:17

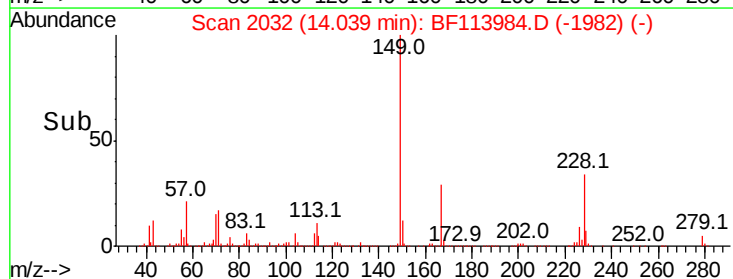
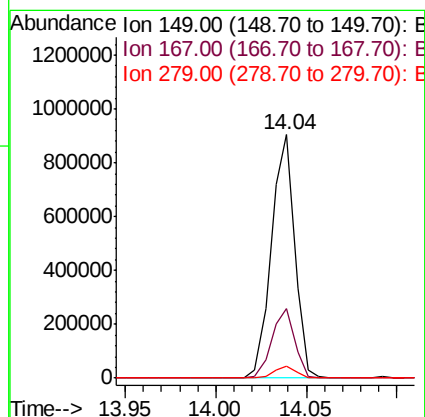
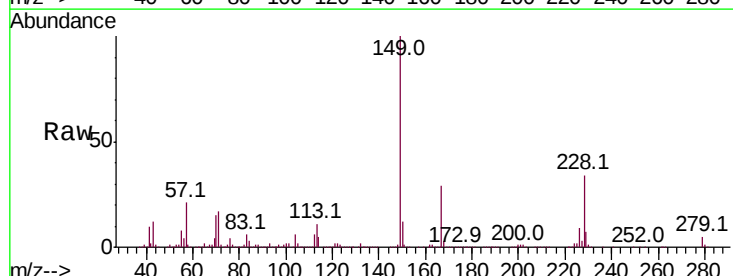
Instrument :
BNA_F
ClientSampleId :
HW-7MS

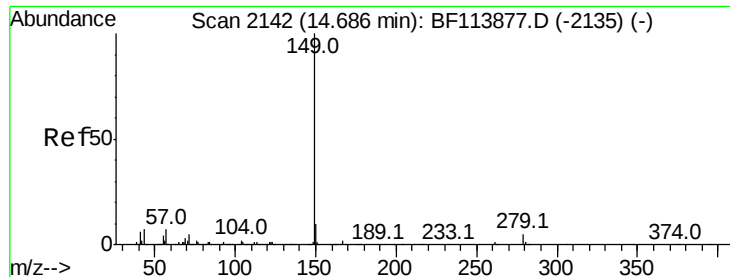
Tot Ion:228 Resp: 1260020
Ion Ratio Lower Upper
228 100
226 30.6 25.2 37.8
229 20.1 16.7 25.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 55.607 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF113984.D
Acq: 25 Apr 2019 18:17

Tgt Ion:149 Resp: 808257
Ion Ratio Lower Upper
149 100
167 28.7 22.9 34.3
279 5.1 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 62.140 ng

RT: 14.67 min Scan# 2139

Delta R.T. -0.02 min

Lab File: BF113984.D

Acq: 25 Apr 2019 18:17

Instrument :

BNA_F

ClientSampleId :

HW-7MS

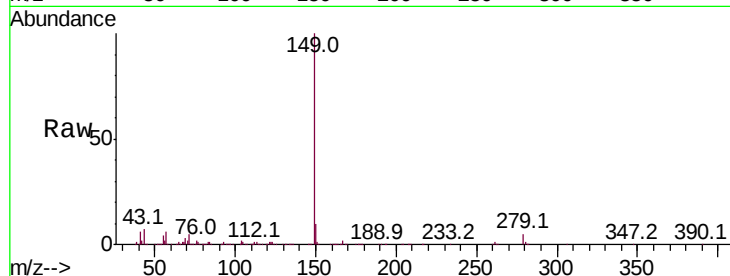
Tot Ion:149 Resp: 1413742

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

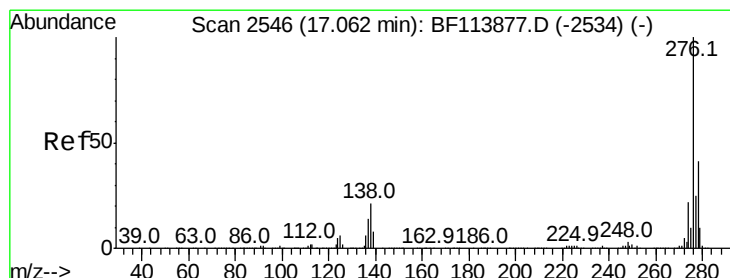
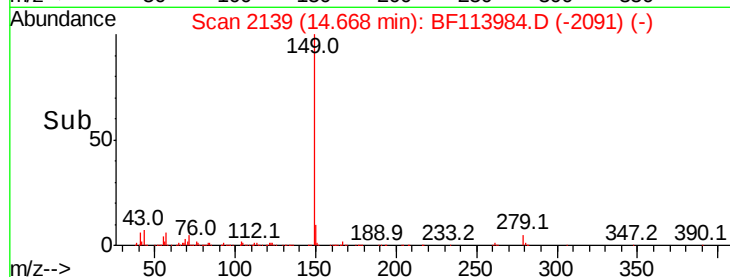
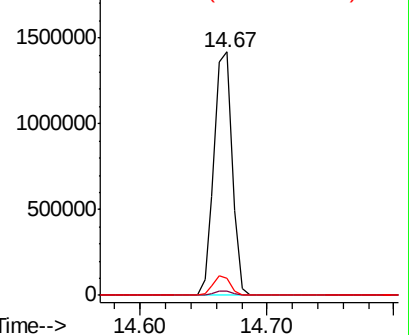
43 7.5 6.6 10.0



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 59.048 ng

RT: 17.06 min Scan# 2545

Delta R.T. -0.01 min

Lab File: BF113984.D

Acq: 25 Apr 2019 18:17

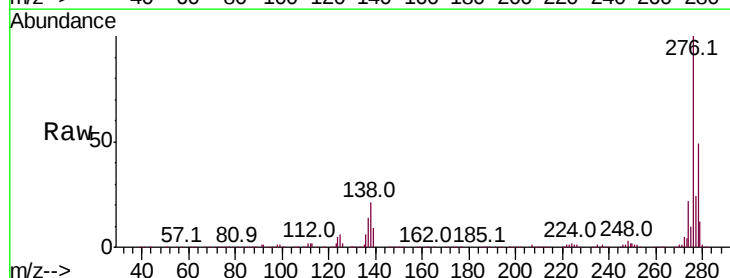
Tgt Ion:276 Resp: 1332568

Ion Ratio Lower Upper

276 100

138 23.0 19.6 29.4

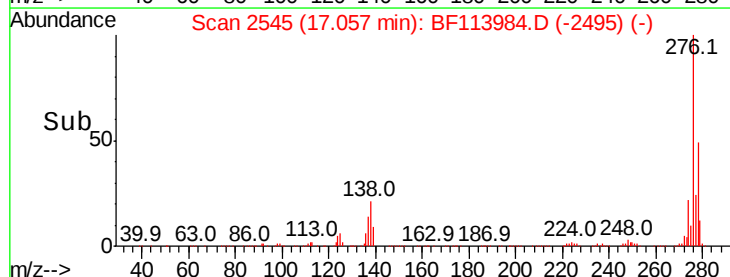
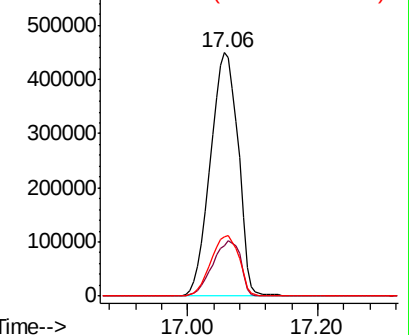
277 25.5 20.2 30.4

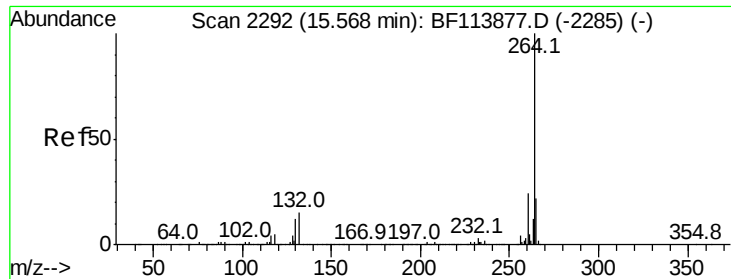


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2290

Delta R.T. -0.01 min

Lab File: BF113984.D

Acq: 25 Apr 2019 18:17

Instrument :

BNA_F

ClientSampleId :

HW-7MS

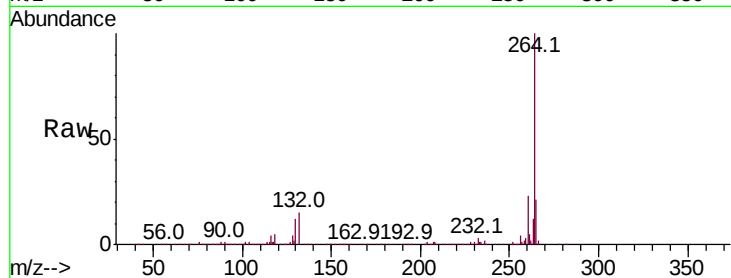
Tot Ion:264 Resp: 459397

Ion Ratio Lower Upper

264 100

260 23.0 18.9 28.3

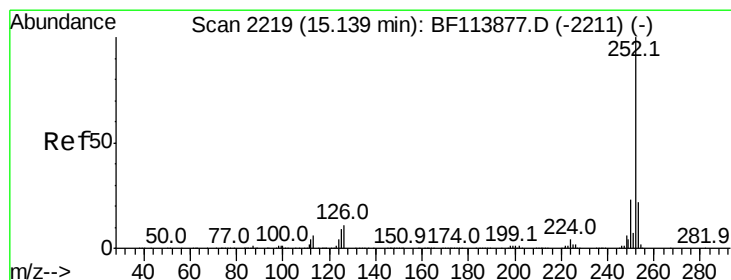
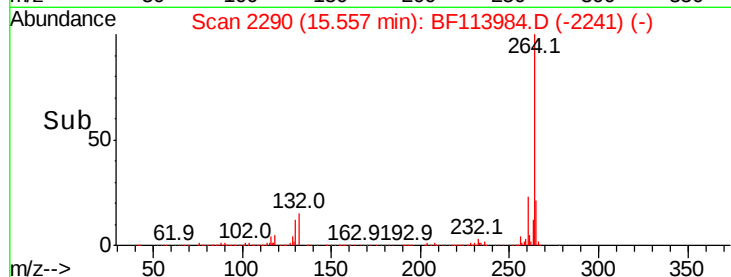
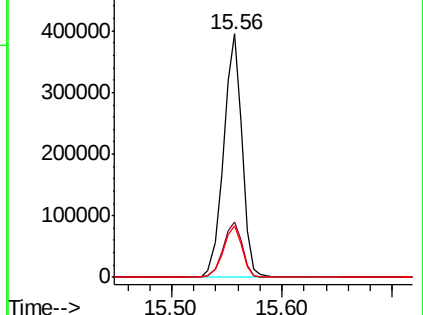
265 21.2 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.691 ng

RT: 15.13 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BF113984.D

Acq: 25 Apr 2019 18:17

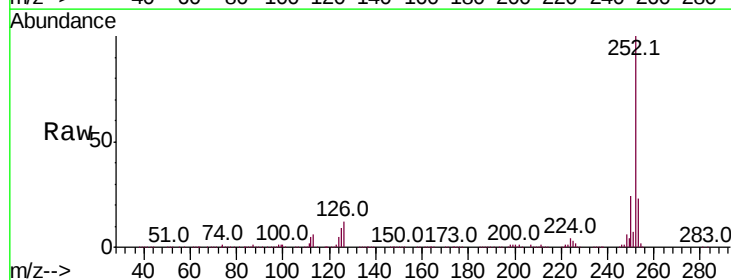
Tgt Ion:252 Resp: 1386183

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

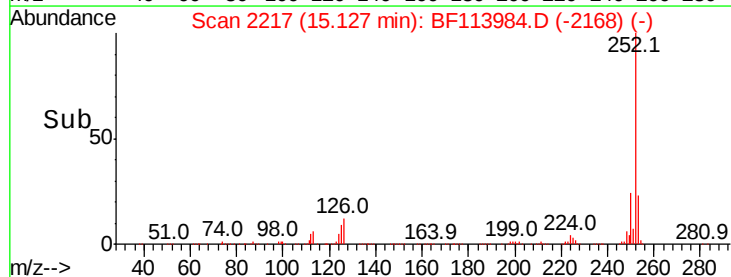
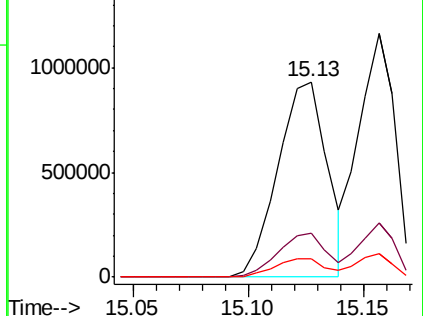
125 9.1 7.0 10.6

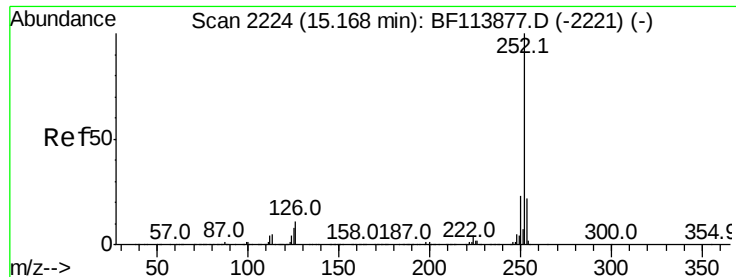


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

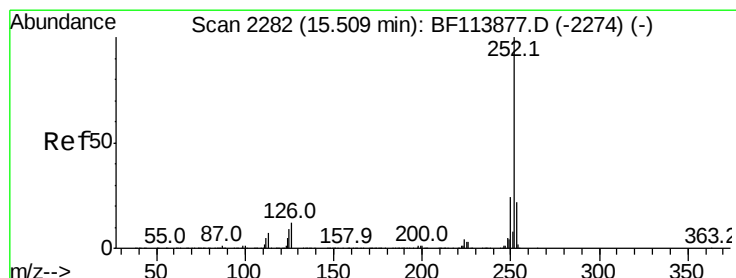
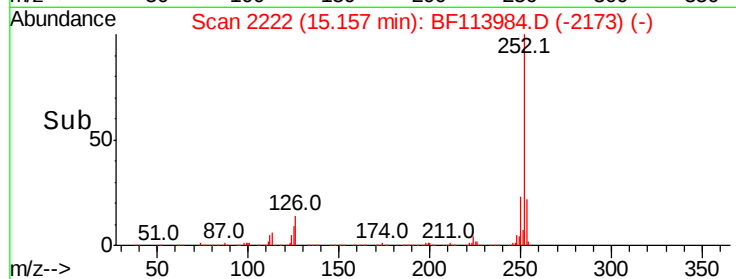
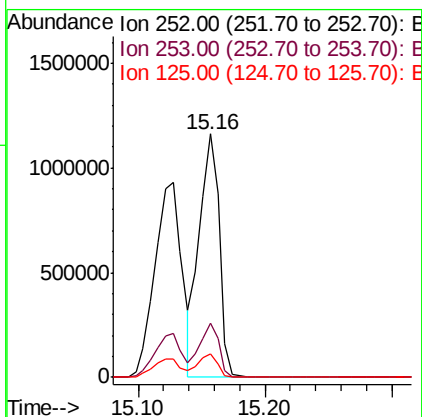
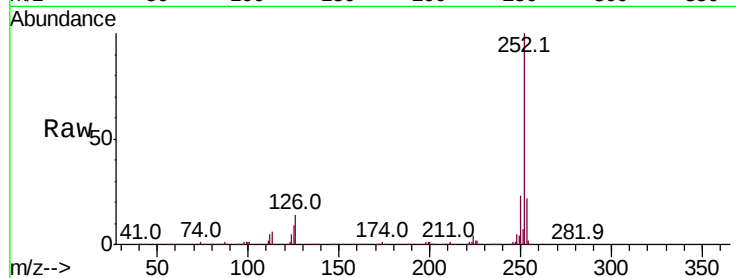




#89
Benzo(k)fluoranthene
Concen: 50.830 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF113984.D
Acq: 25 Apr 2019 18:17

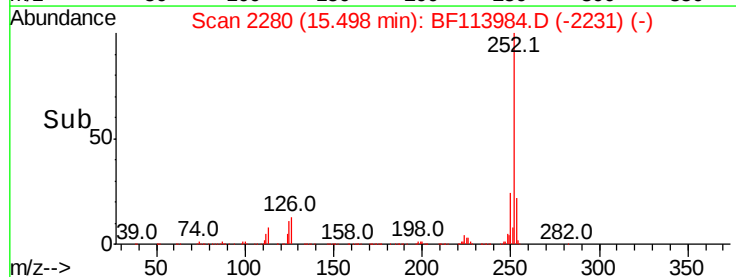
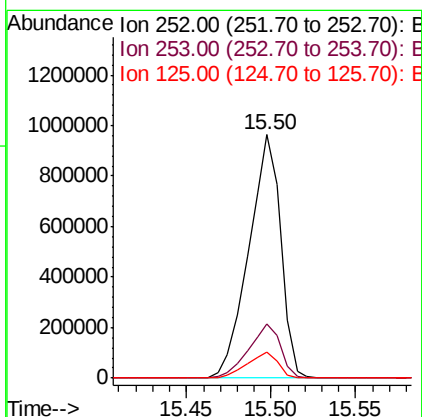
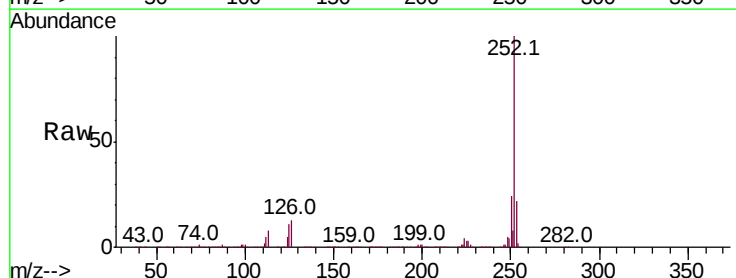
Instrument :
BNA_F
ClientSampleId :
HW-7MS

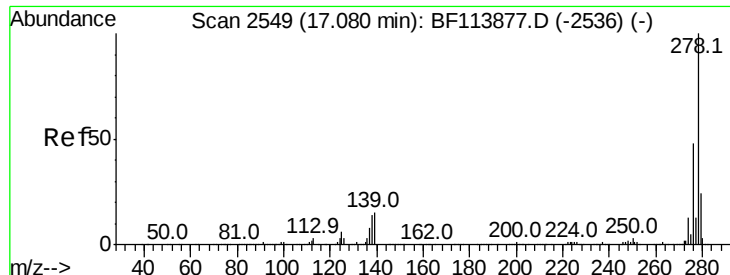
Tot Ion:252 Resp: 1270843
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 9.4 7.4 11.2



#90
Benzo(a)pyrene
Concen: 50.420 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF113984.D
Acq: 25 Apr 2019 18:17

Tgt Ion:252 Resp: 1267595
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.6 8.5 12.7

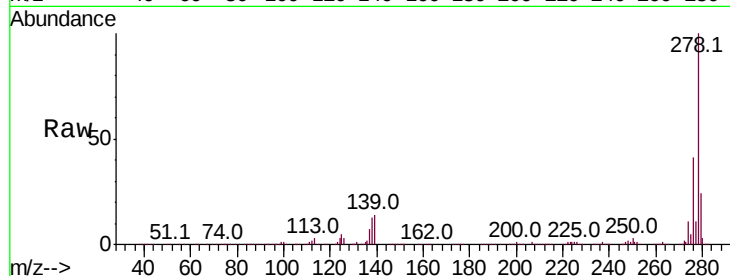




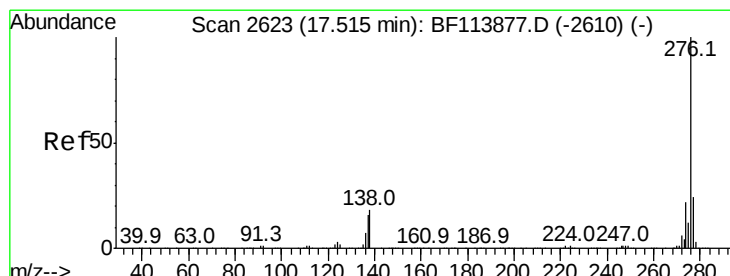
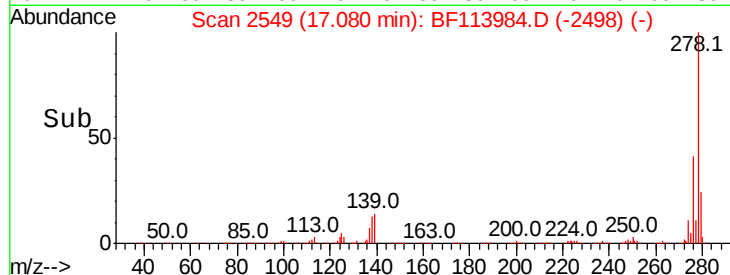
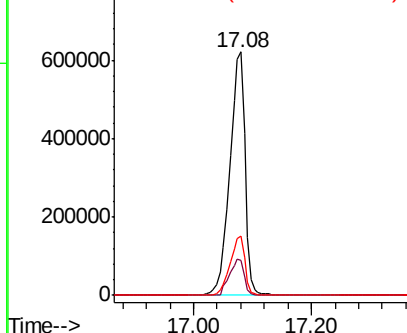
#91
Dibenzo(a,h)anthracene
Concen: 47.673 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.00 min
Lab File: BF113984.D
Acq: 25 Apr 2019 18:17

Instrument :
BNA_F
ClientSampleId :
HW-7MS

Tot Ion:278 Resp: 1125069
Ion Ratio Lower Upper
278 100
139 14.3 11.6 17.4
279 24.5 19.0 28.6

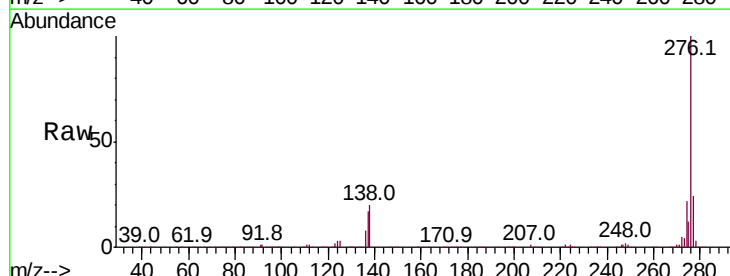


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.689 ng
RT: 17.51 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BF113984.D
Acq: 25 Apr 2019 18:17

Tgt Ion:276 Resp: 1088129
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.4
138 19.6 16.6 25.0



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

