

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092117\
 Data File : BF098683.D
 Acq On : 22 Sep 2017 4:51
 Operator : SJ/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092117

Quant Time: Sep 22 10:46:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 10:38:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	155036	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	659677	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	302242	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	532533	20.00	ng	0.00
75) Chrysene-d12	14.09	240	404303	20.00	ng	0.00
86) Perylene-d12	15.57	264	333334	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	807692	79.11	ng	0.00
7) Phenol-d6	6.55	99	973934	78.78	ng	0.00
23) Nitrobenzene-d5	7.49	82	832655	85.62	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	234208	84.73	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1473689	77.59	ng	0.00
78) Terphenyl-d14	13.03	244	1447161	76.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	190924	39.590	ng	99
3) Pyridine	3.54	79	527553	41.162	ng	97
4) n-Nitrosodimethylamine	3.49	42	222353	39.593	ng	98
6) Aniline	6.59	93	648303	39.584	ng	100
8) 2-Chlorophenol	6.71	128	447069	40.312	ng	99
9) Benzaldehyde	6.48	77	281387	40.576	ng	98
10) Phenol	6.56	94	532544	39.027	ng	99
11) bis(2-Chloroethyl)ether	6.66	93	419012	39.859	ng	99
12) 1,3-Dichlorobenzene	6.87	146	467885	39.941	ng	99
13) 1,4-Dichlorobenzene	6.95	146	473135	39.905	ng	99
14) 1,2-Dichlorobenzene	7.10	146	441045	39.888	ng	99
15) Benzyl Alcohol	7.06	79	357099	40.028	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	663692	39.618	ng	99
17) 2-Methylphenol	7.17	107	357997	39.615	ng	99
18) Hexachloroethane	7.44	117	167478	41.031	ng	92
19) n-Nitroso-di-n-propylamine	7.34	70	302861	39.543	ng	99
20) 3+4-Methylphenols	7.32	107	460304	39.506	ng	96
22) Acetophenone	7.34	105	633551	38.823	ng	# 95
24) Nitrobenzene	7.51	77	469238	41.776	ng	99
25) Isophorone	7.75	82	836310	39.430	ng	100
26) 2-Nitrophenol	7.82	139	208393	42.611	ng	100
27) 2,4-Dimethylphenol	7.85	122	416486	39.984	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	524487	39.740	ng	100
29) 2,4-Dichlorophenol	8.06	162	363104	40.524	ng	99
30) 1,2,4-Trichlorobenzene	8.15	180	360247	39.862	ng	99
31) Naphthalene	8.23	128	1228680	39.243	ng	99
32) Benzoic acid	7.97	122	309335	44.676	ng	94
33) 4-Chloroaniline	8.27	127	505644	38.845	ng	100
34) Hexachlorobutadiene	8.35	225	192417	39.519	ng	99
35) Caprolactam	8.65	113	115191	41.227	ng	97
36) 4-Chloro-3-methylphenol	8.75	107	406059	39.702	ng	99
37) 2-Methylnaphthalene	8.92	142	794930	39.541	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	354162	39.620	ng	100
40) Hexachlorocyclopentadiene	9.07	237	167834	43.207	ng	97

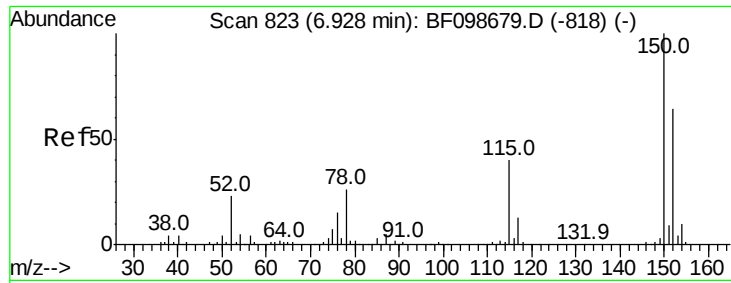
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	248599	41.267	ng	100
43) 2,4,5-Trichlorophenol	9.23	196	251664	40.742	ng	99
45) 1,1'-Biphenyl	9.39	154	1018408	39.220	ng	100
46) 2-Chloronaphthalene	9.41	162	773421	39.721	ng	98
47) 2-Nitroaniline	9.50	65	231532	42.350	ng	100
48) Acenaphthylene	9.83	152	1181748	39.460	ng	99
49) Dimethylphthalate	9.69	163	899145	39.670	ng	100
50) 2,6-Dinitrotoluene	9.75	165	200651	44.862	ng	98
51) Acenaphthene	10.00	154	731435	39.347	ng	99
52) 3-Nitroaniline	9.92	138	230143	43.166	ng	97
53) 2,4-Dinitrophenol	10.02	184	69230	45.482	ng	93
54) Dibenzofuran	10.17	168	998585	39.340	ng	98
55) 4-Nitrophenol	10.06	139	194834	41.994	ng	100
56) 2,4-Dinitrotoluene	10.15	165	258927	43.094	ng	99
57) Fluorene	10.52	166	788103	38.628	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	185741	42.265	ng	98
59) Diethylphthalate	10.38	149	880267	39.631	ng	99
60) 4-Chlorophenyl-phenylether	10.50	204	346959	38.819	ng	99
61) 4-Nitroaniline	10.53	138	225193	44.039	ng	97
62) Azobenzene	10.66	77	820728	39.508	ng	99
64) 4,6-Dinitro-2-methylphenol	10.55	198	107358	41.836	ng	99
65) n-Nitrosodiphenylamine	10.62	169	721036	39.336	ng	99
66) 4-Bromophenyl-phenylether	10.99	248	217596	40.467	ng	98
67) Hexachlorobenzene	11.06	284	245667	40.095	ng	98
68) Atrazine	11.15	200	218263	39.584	ng	99
69) Pentachlorophenol	11.25	266	155414	44.378	ng	99
70) Phenanthrene	11.47	178	1128221	39.054	ng	99
71) Anthracene	11.53	178	1150257	39.050	ng	99
72) Carbazole	11.68	167	1124633	39.074	ng	99
73) Di-n-butylphthalate	12.00	149	1375629	41.148	ng	100
74) Fluoranthene	12.66	202	1137584	39.513	ng	99
76) Benzidine	12.78	184	599220	36.499	ng	# 95
77) Pyrene	12.89	202	1183677	39.435	ng	100
79) Butylbenzylphthalate	13.50	149	545249	43.909	ng	99
80) Benzo(a)anthracene	14.07	228	958495	39.358	ng	99
81) 3,3'-Dichlorobenzidine	14.04	252	344360	39.625	ng	98
82) Chrysene	14.12	228	913756	38.853	ng	99
83) Bis(2-ethylhexyl)phthalate	14.06	149	727890	42.377	ng	99
84) Di-n-octyl phthalate	14.67	149	1127433	43.705	ng	100
85) Indeno(1,2,3-cd)pyrene	17.08	276	730078	40.018	ng	100
87) Benzo(b)fluoranthene	15.14	252	765669	39.607	ng	98
88) Benzo(k)fluoranthene	15.17	252	776571	40.199	ng	99
89) Benzo(a)pyrene	15.52	252	695724	39.628	ng	98
90) Dibenzo(a,h)anthracene	17.10	278	602129	40.553	ng	99
91) Benzo(g,h,i)perylene	17.54	276	588335	39.418	ng	98

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

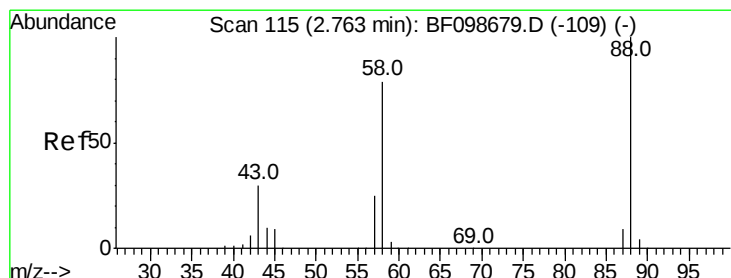
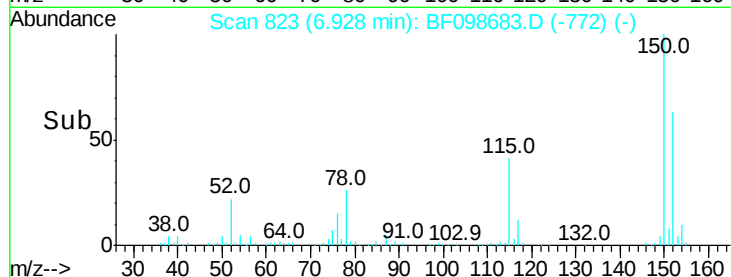
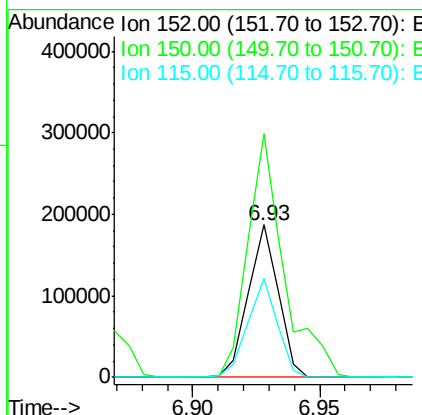
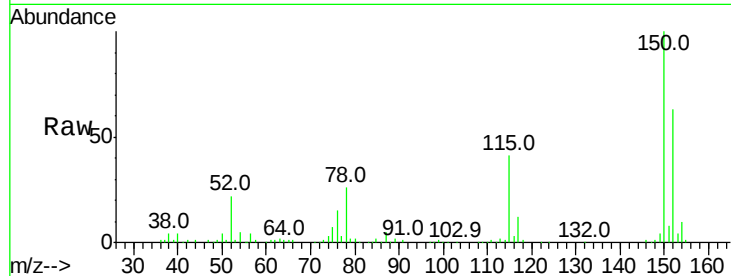


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.93 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF098683.D
 Acq: 22 Sep 2017 4:51

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092117

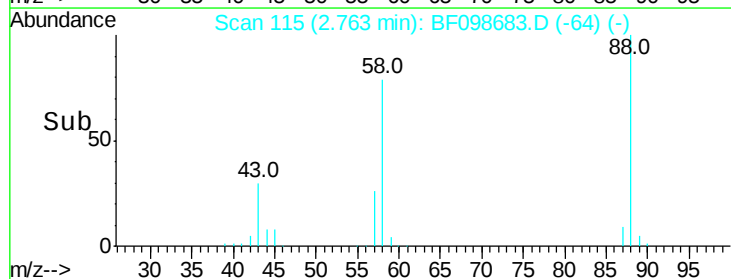
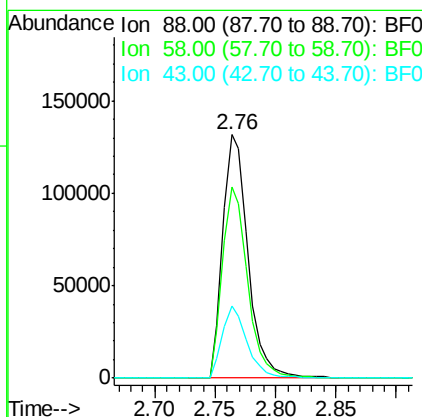
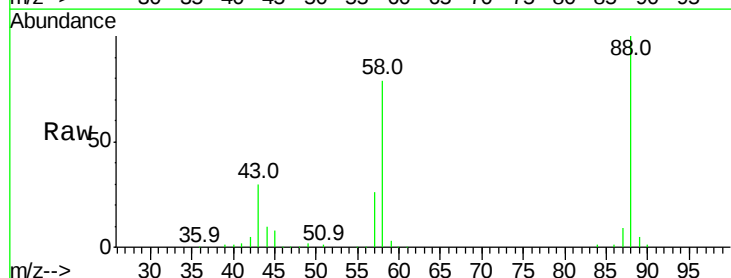
Tot Ion:152 Resp: 155036
 Ion Ratio Lower Upper
 152 100
 150 159.9 124.6 186.8
 115 65.1 50.1 75.1

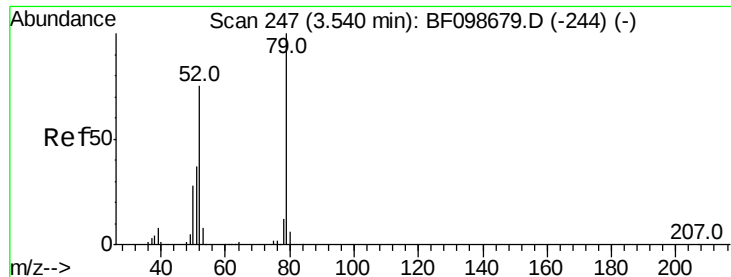


#2

1,4-Dioxane
 Concen: 39.590 ng
 RT: 2.76 min Scan# 115
 Delta R.T. 0.00 min
 Lab File: BF098683.D
 Acq: 22 Sep 2017 4:51

Tgt Ion: 88 Resp: 190924
 Ion Ratio Lower Upper
 88 100
 58 78.2 62.6 93.8
 43 29.0 24.6 37.0





#3

Pvridine

Concen: 41.162 ng

RT: 3.54 min Scan# 247

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

Instrument :

BNA_F

ClientSampleId :

ICVBF092117

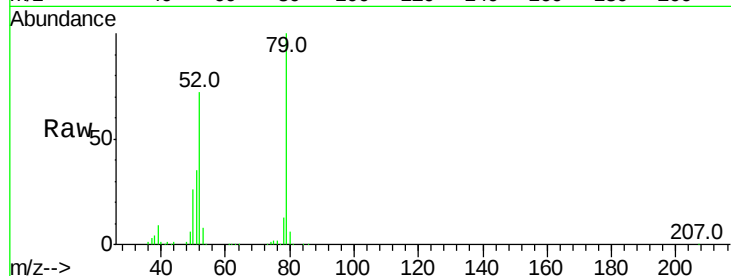
Tot Ion: 79 Resp: 527553

Ion Ratio Lower Upper

79 100

52 72.1 59.8 89.6

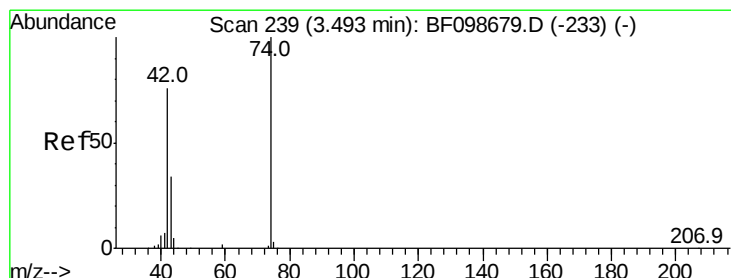
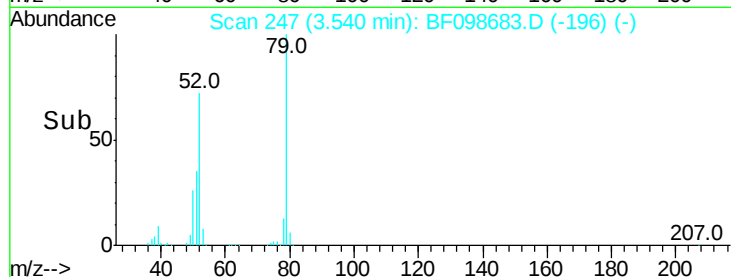
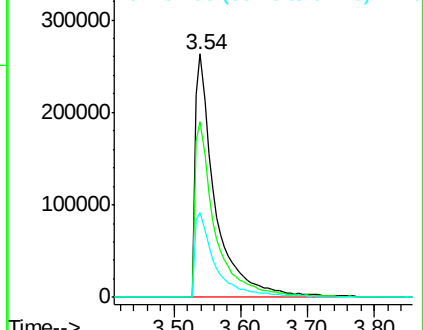
51 35.0 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.593 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

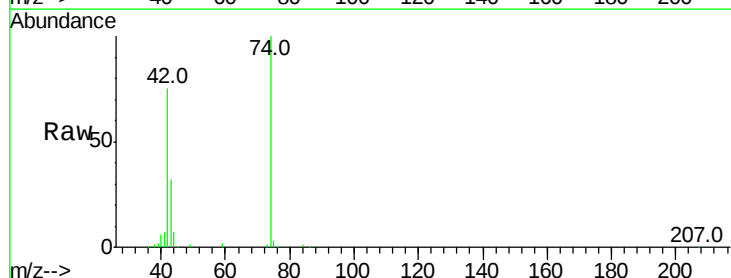
Tgt Ion: 42 Resp: 222353

Ion Ratio Lower Upper

42 100

74 133.8 104.9 157.3

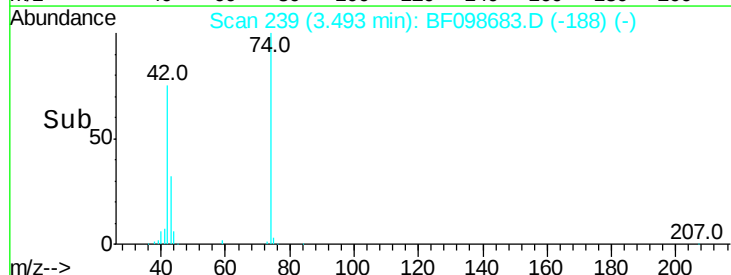
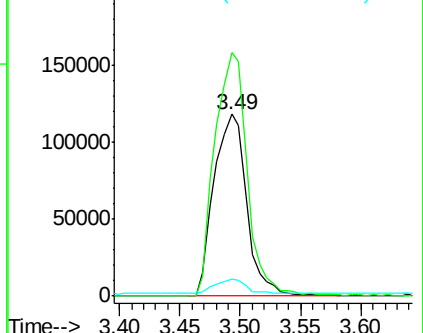
44 9.0 6.9 10.3

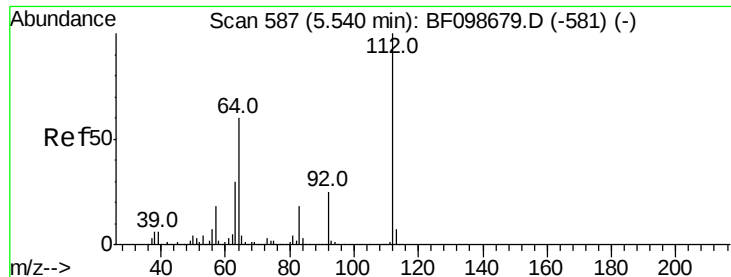


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 79.110 ng

RT: 5.54 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

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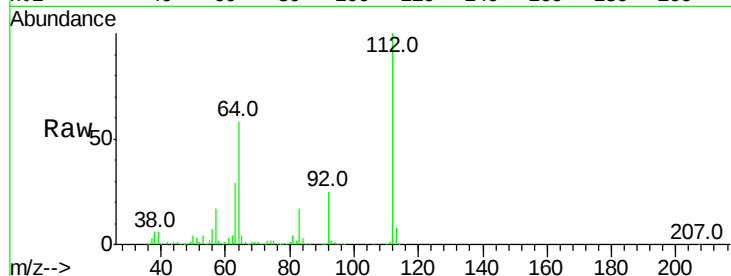
Tot Ion:112 Resp: 807692

Ion Ratio Lower Upper

112 100

64 58.2 47.9 71.9

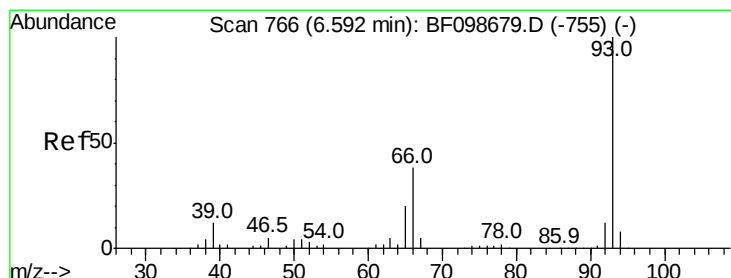
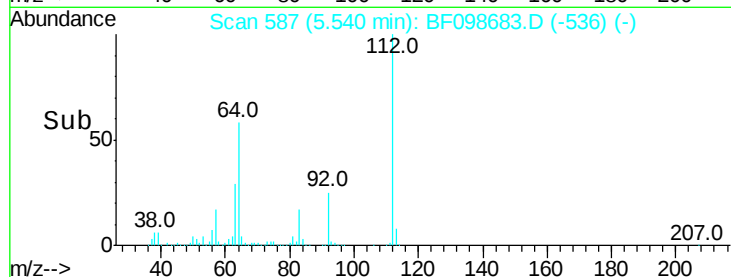
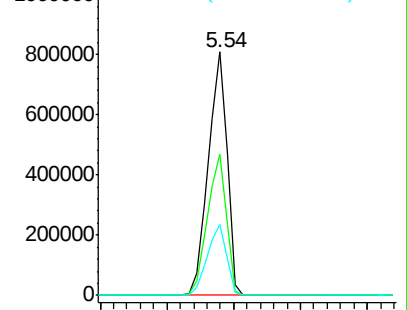
63 29.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.584 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

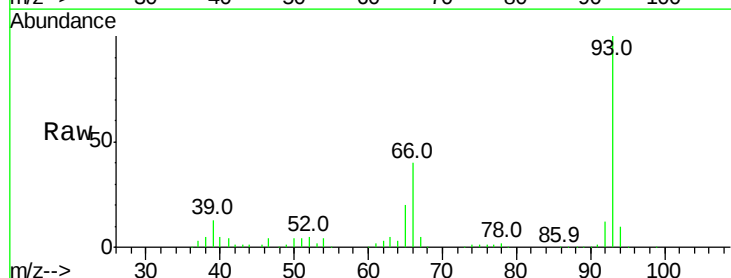
Tgt Ion: 93 Resp: 648303

Ion Ratio Lower Upper

93 100

66 39.9 32.2 48.2

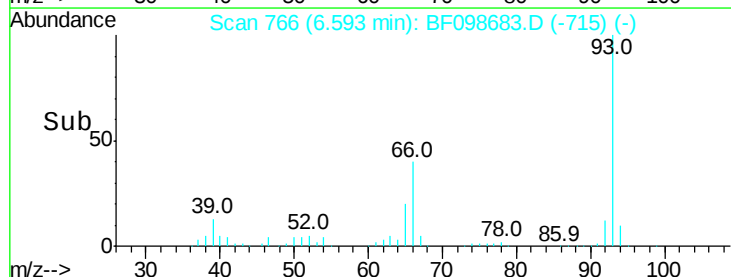
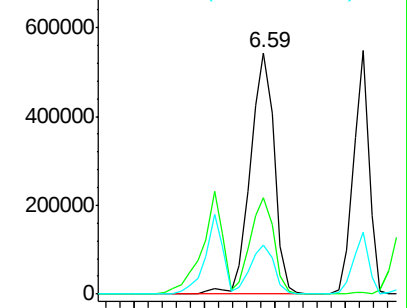
65 20.3 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.776 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

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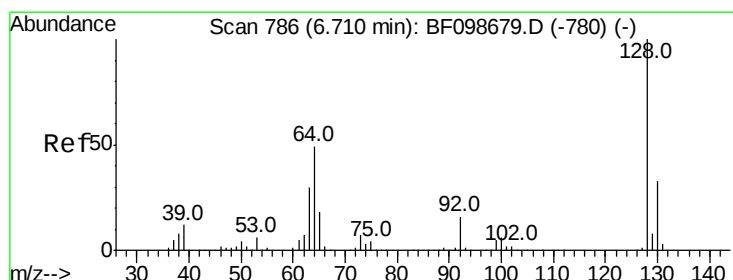
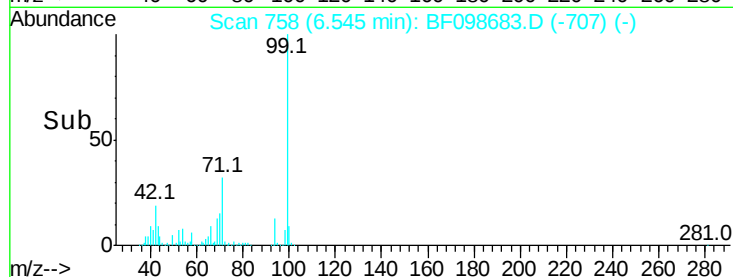
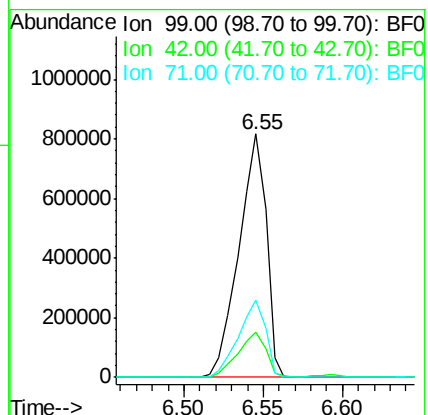
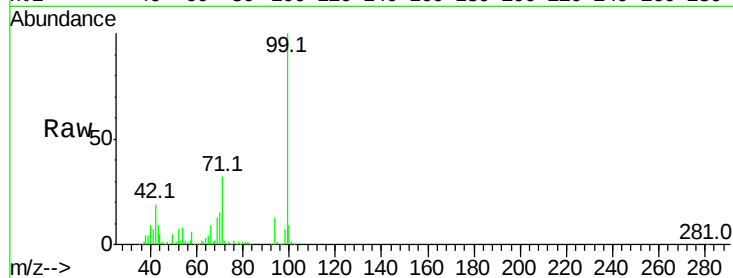
Tot Ion: 99 Resp: 973934

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

71 31.6 25.4 38.0



#8

2-Chlorophenol

Concen: 40.312 ng

RT: 6.71 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

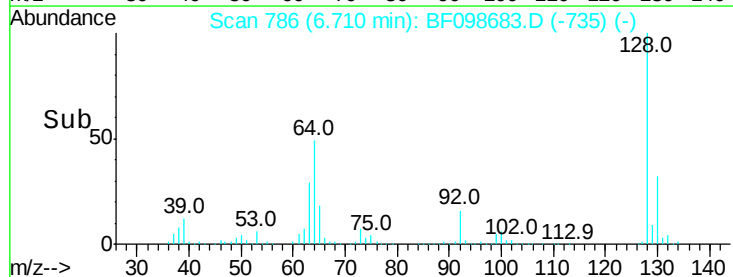
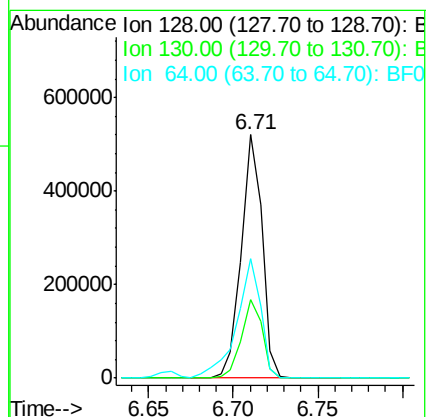
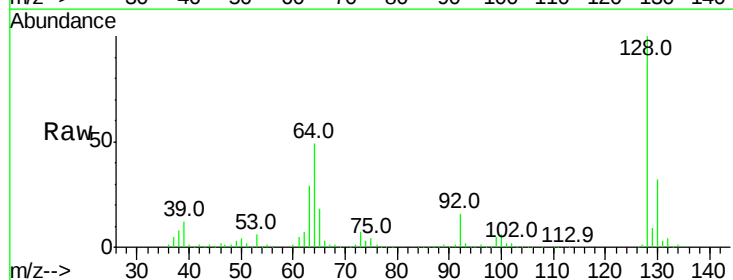
Tgt Ion: 128 Resp: 447069

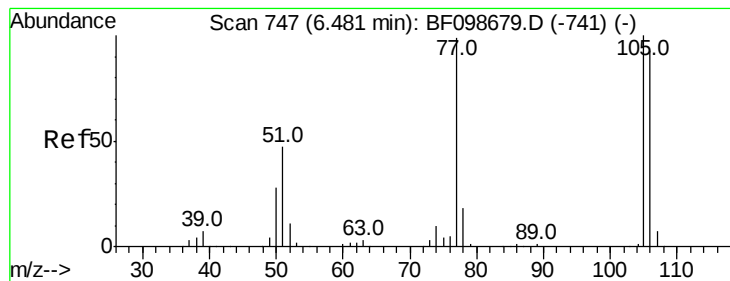
Ion Ratio Lower Upper

128 100

130 32.2 13.0 53.0

64 49.1 29.4 69.4





#9

Benzaldehyde

Concen: 40.576 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

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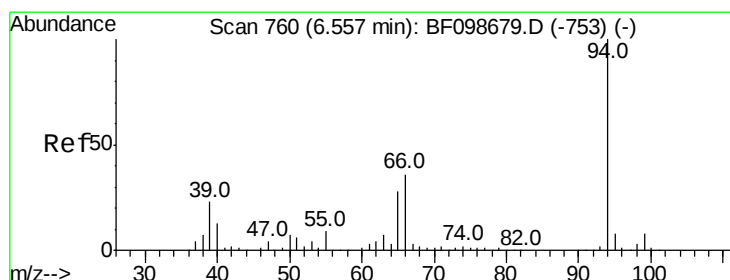
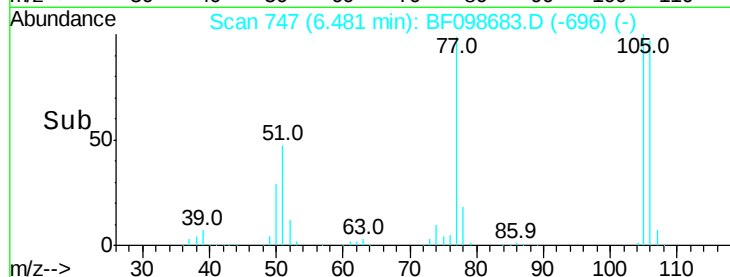
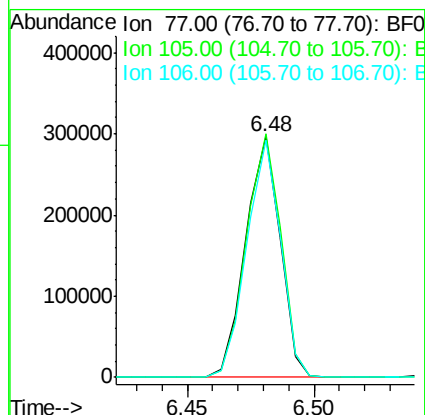
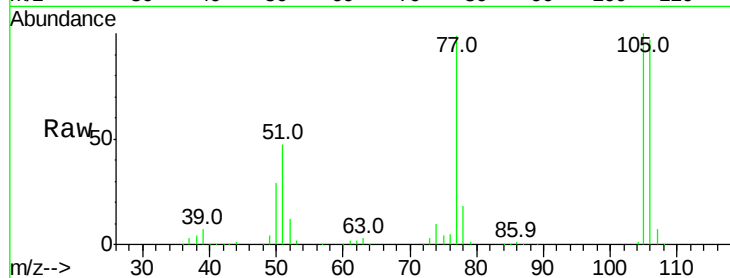
Tot Ion: 77 Resp: 281387

Ion Ratio Lower Upper

77 100

105 101.3 81.1 121.1

106 98.5 74.5 114.5



#10

Phenol

Concen: 39.027 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

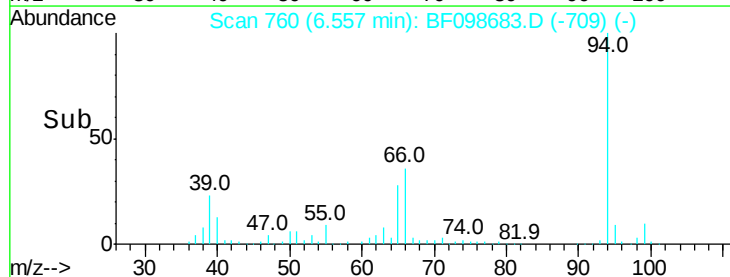
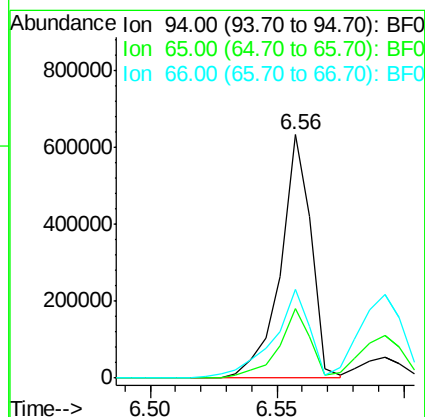
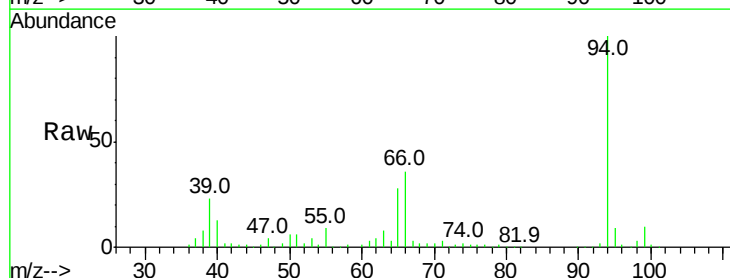
Tgt Ion: 94 Resp: 532544

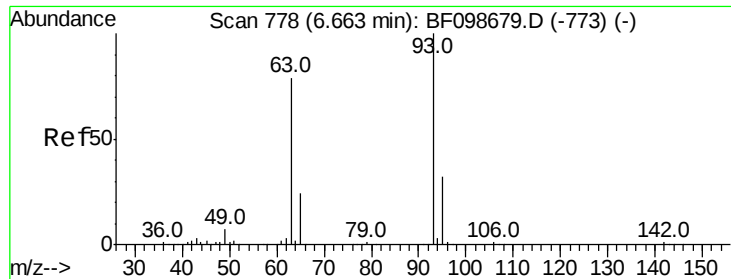
Ion Ratio Lower Upper

94 100

65 28.4 7.9 47.9

66 36.4 16.2 56.2

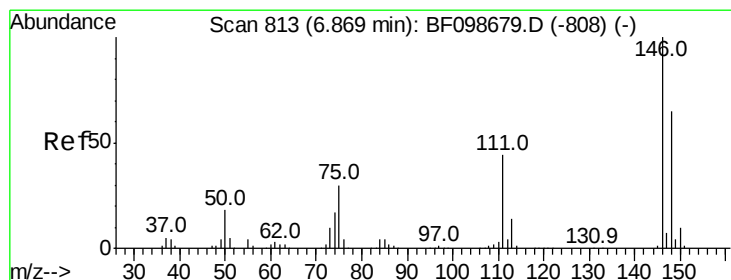
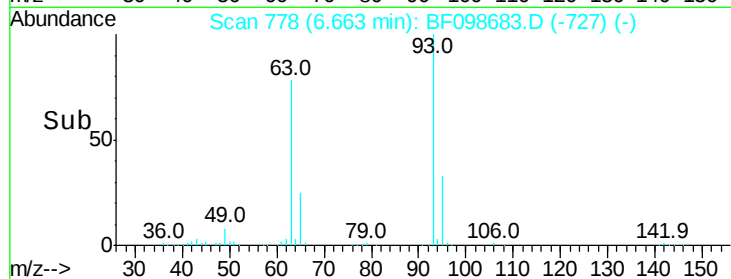
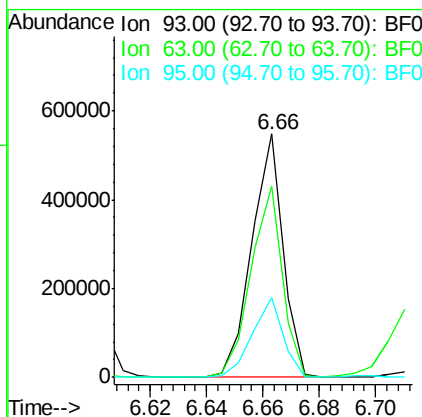
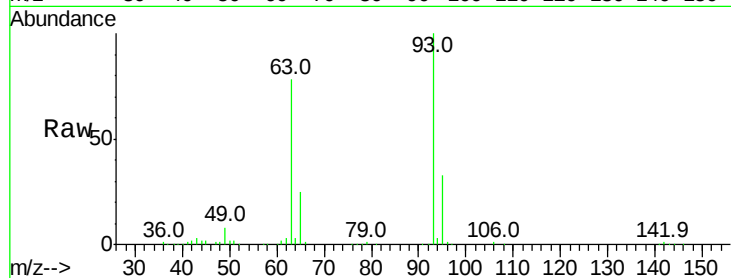




#11
 bis(2-Chloroethyl)ether
 Concen: 39.859 ng
 RT: 6.66 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF098683.D
 Acq: 22 Sep 2017 4:51

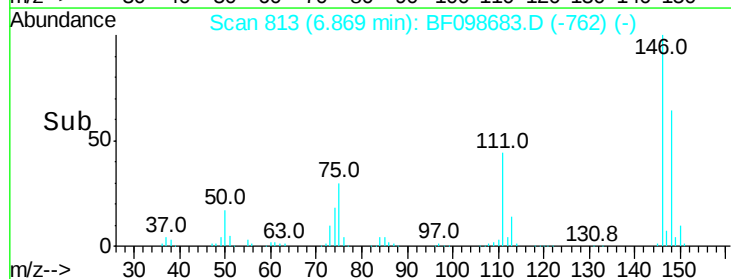
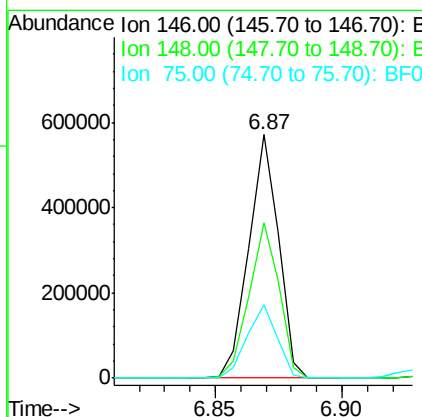
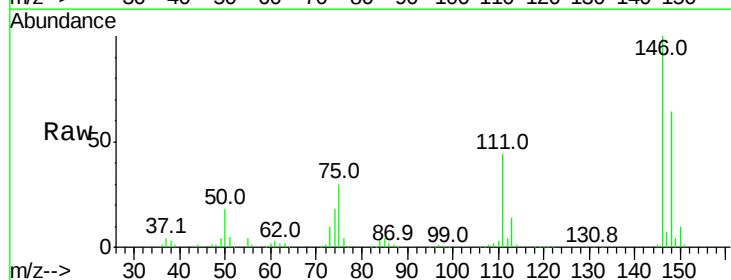
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092117

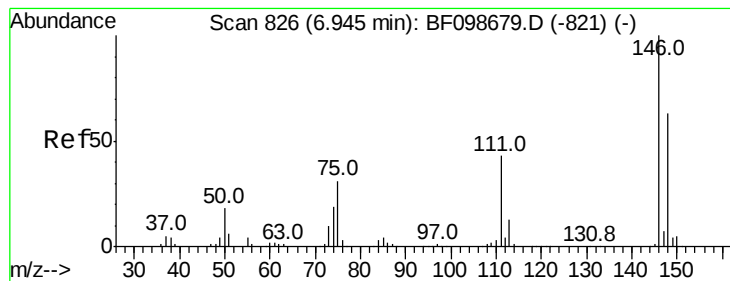
Tot Ion:	93	Resp:	419012
Ion	Ratio	Lower	Upper
93	100		
63	78.4	58.6	98.6
95	32.6	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 39.941 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF098683.D
 Acq: 22 Sep 2017 4:51

Tgt Ion:	146	Resp:	467885
Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.8
75	30.3	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 39.905 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

Instrument :

BNA_F

ClientSampleId :

ICVBF092117

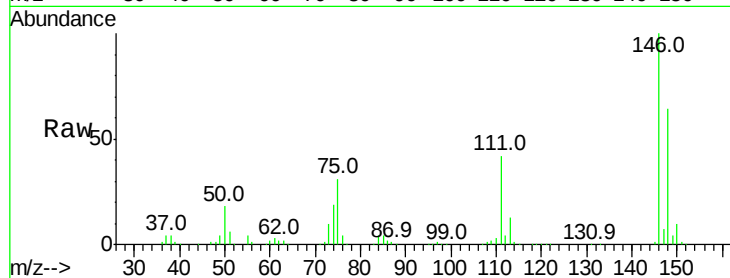
Tot Ion:146 Resp: 473135

Ion Ratio Lower Upper

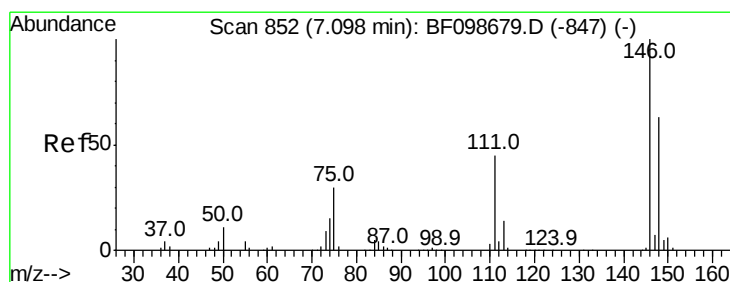
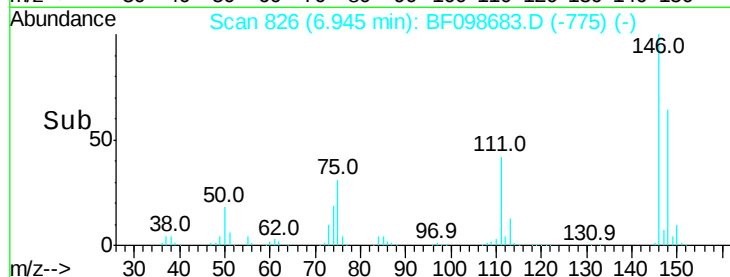
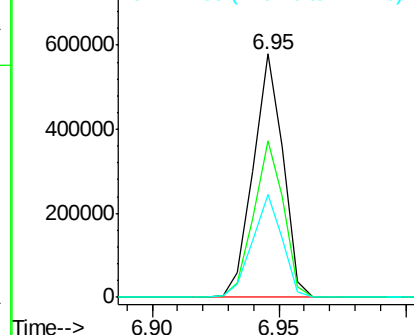
146 100

148 64.1 50.8 76.2

111 42.5 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 39.888 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

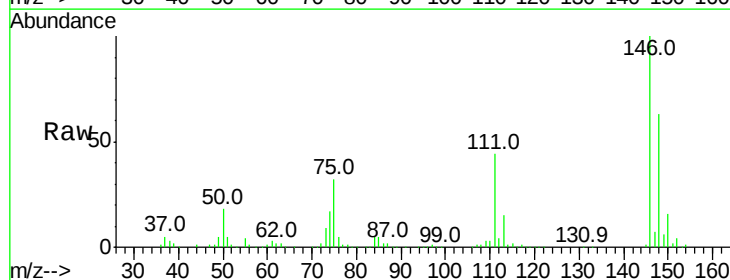
Tgt Ion:146 Resp: 441045

Ion Ratio Lower Upper

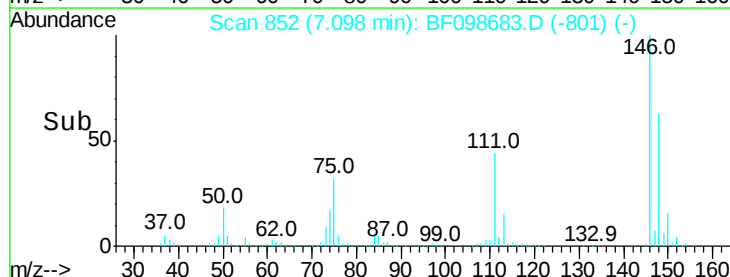
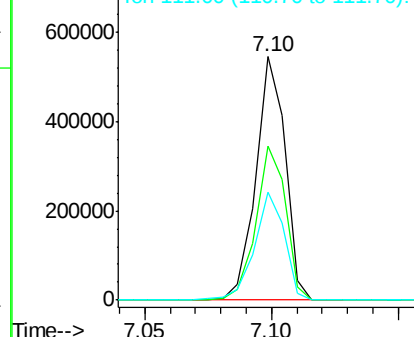
146 100

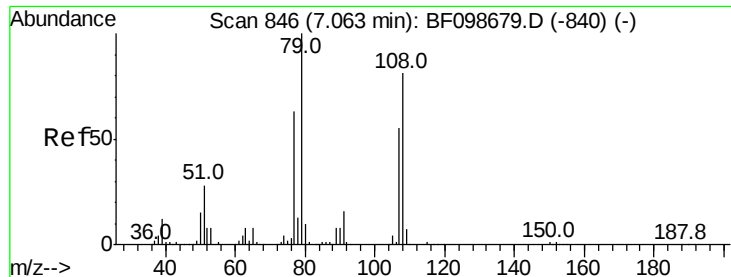
148 63.2 50.6 75.8

111 44.2 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 40.028 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

Instrument :

BNA_F

ClientSampleId :

ICVBF092117

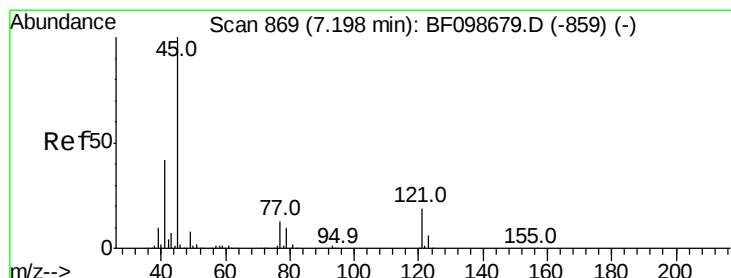
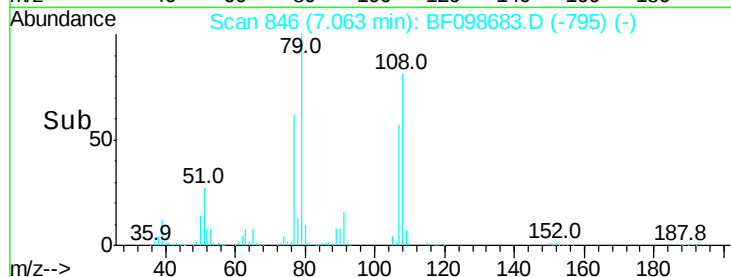
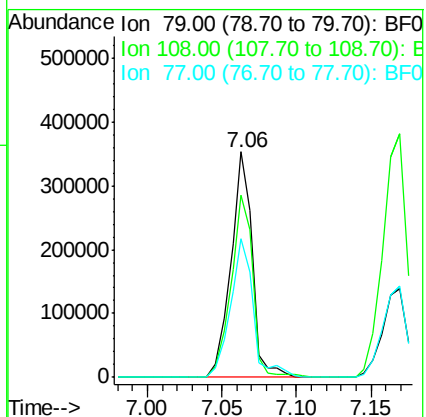
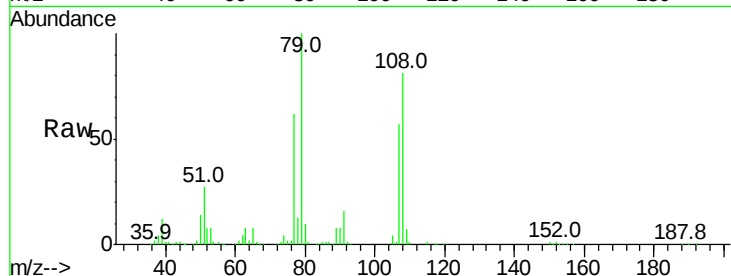
Tot Ion: 79 Resp: 357099

Ion Ratio Lower Upper

79 100

108 80.9 65.1 97.7

77 61.7 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.618 ng

RT: 7.20 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

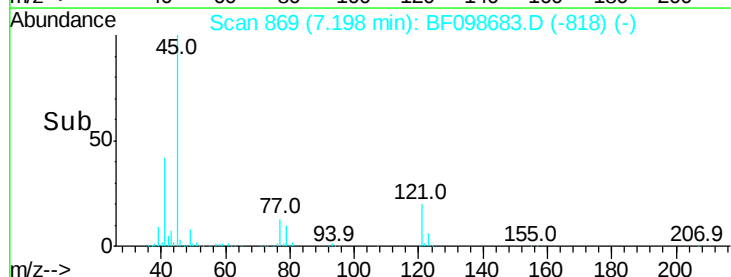
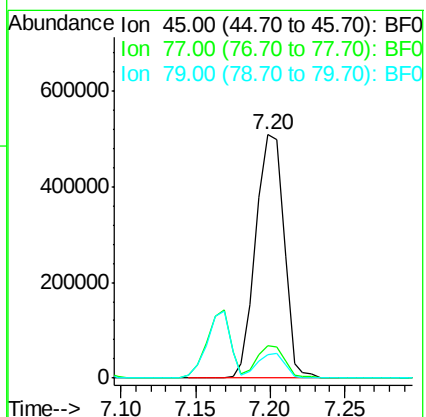
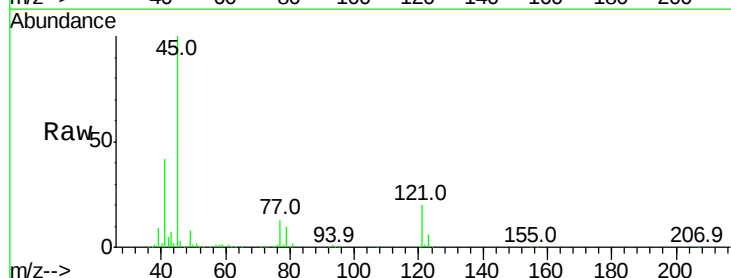
Tgt Ion: 45 Resp: 663692

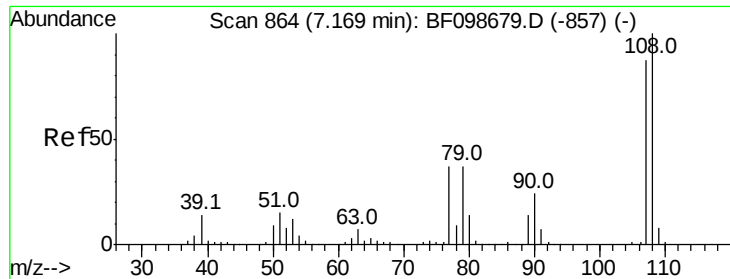
Ion Ratio Lower Upper

45 100

77 13.3 0.0 32.9

79 9.9 0.0 29.6

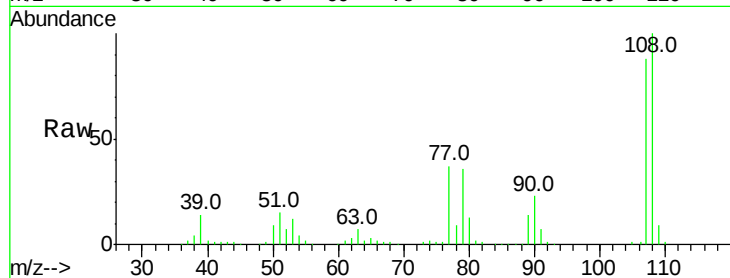




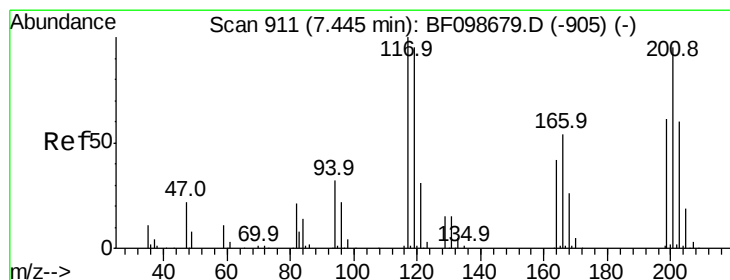
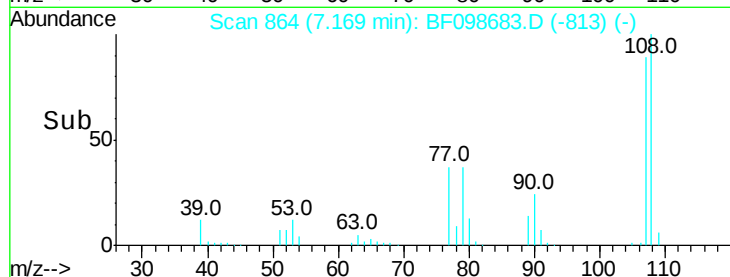
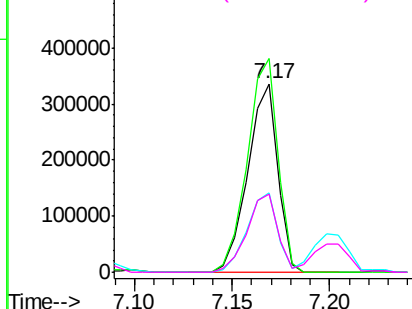
#17
2-Methylphenol
Concen: 39.615 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF098683.D
Acq: 22 Sep 2017 4:51

Instrument :
BNA_F
ClientSampleId :
ICVBF092117

Tot Ion:	107	Resp:	357997
Ion	Ratio	Lower	Upper
107	100		
108	113.1	91.7	137.5
77	42.2	33.8	50.8
79	41.2	33.8	50.8

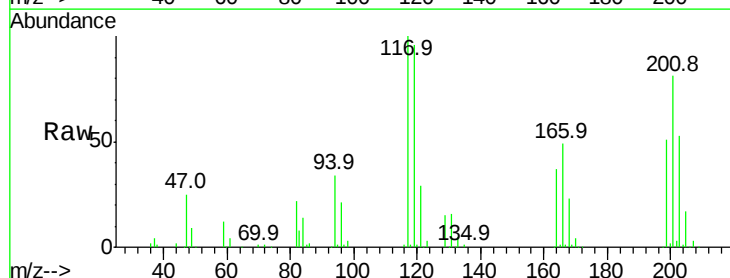


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

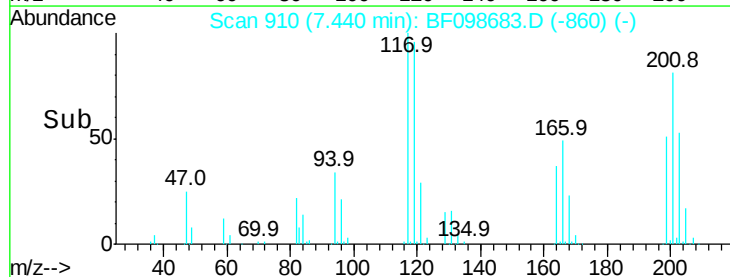
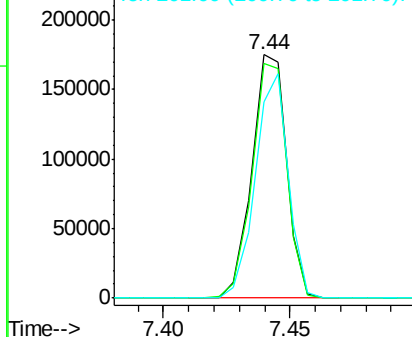


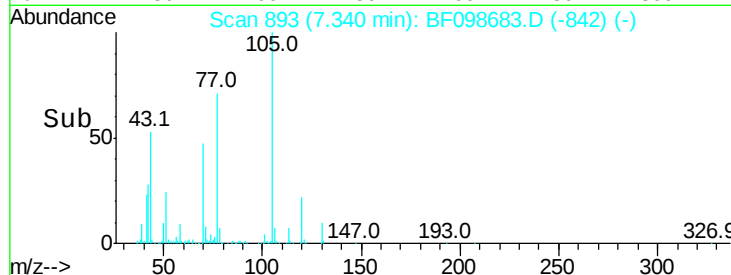
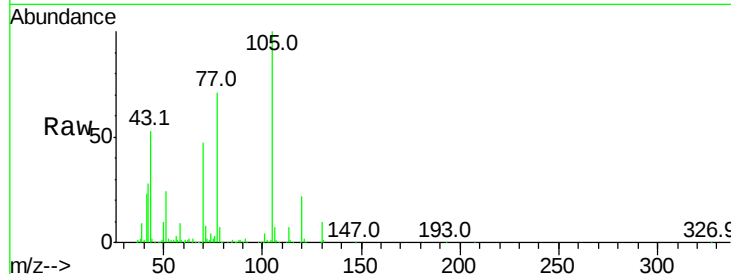
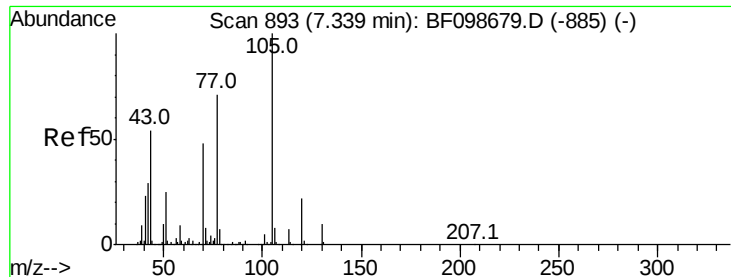
#18
Hexachloroethane
Concen: 41.031 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF098683.D
Acq: 22 Sep 2017 4:51

Tgt Ion:	117	Resp:	167478
Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.8	113.8
201	80.6	75.7	113.5



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

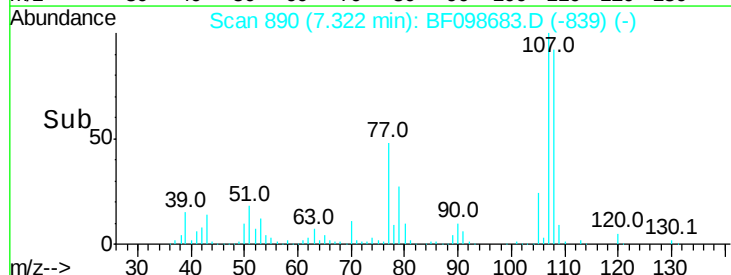
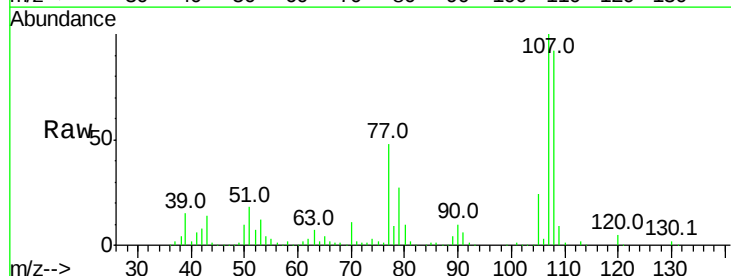
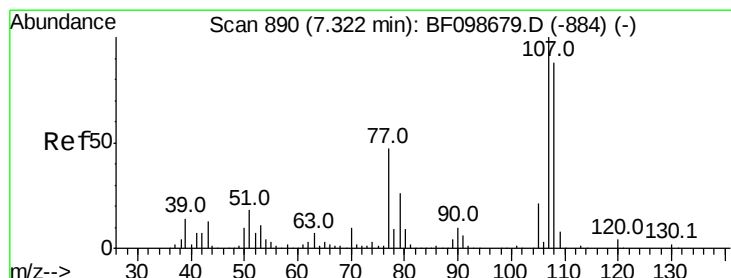
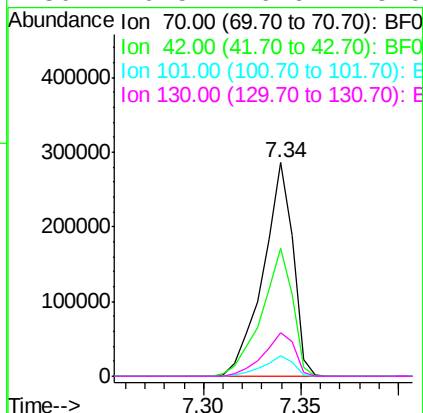




#19
n-Nitroso-di-n-propylamine
Concen: 39.543 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF098683.D
Acq: 22 Sep 2017 4:51

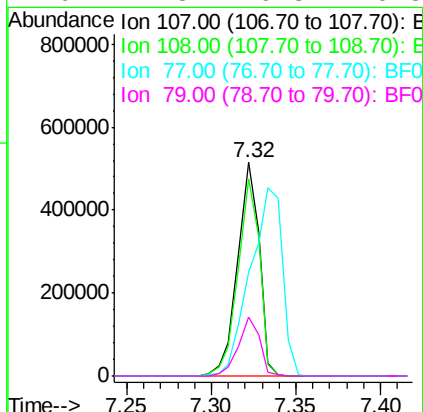
Instrument :
BNA_F
ClientSampleId :
ICVBF092117

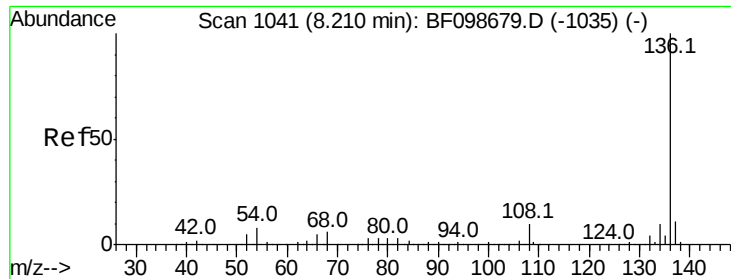
Tot Ion	70	Resp	302861
Ion	Ratio	Lower	Upper
70	100		
42	59.8	47.5	71.3
101	9.5	7.4	11.2
130	20.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 39.506 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF098683.D
Acq: 22 Sep 2017 4:51

Tgt Ion	107	Resp	460304
Ion	Ratio	Lower	Upper
107	100		
108	92.4	68.2	108.2
77	48.5	26.7	66.7
79	27.3	6.3	46.3

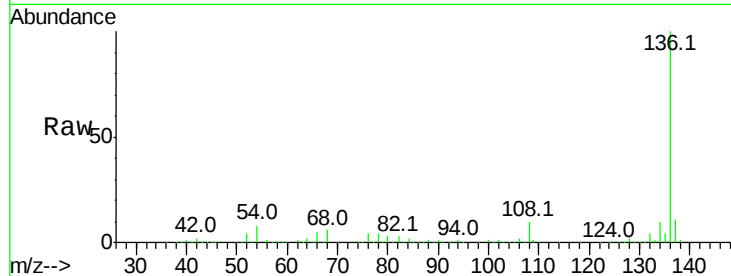




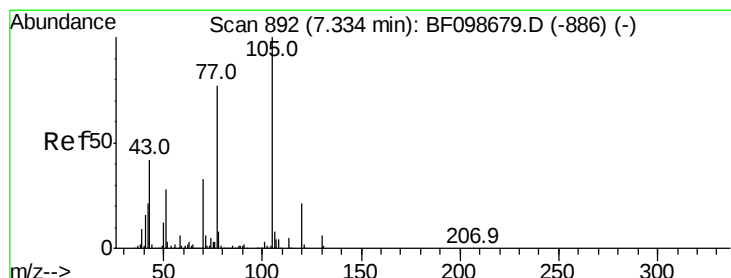
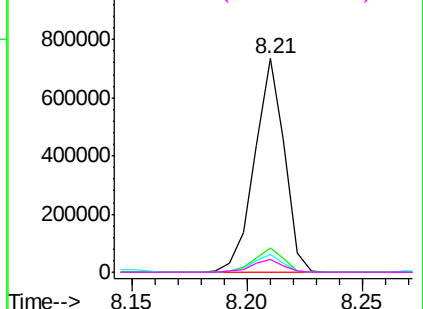
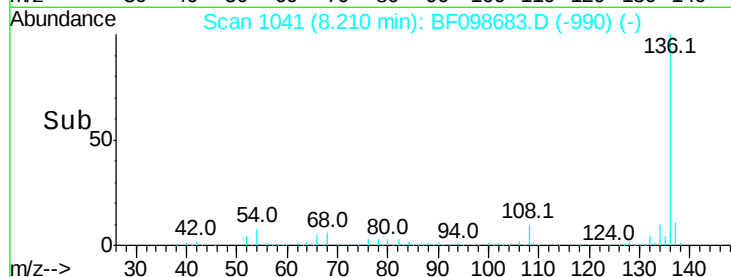
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF098683.D
Acq: 22 Sep 2017 4:51

Instrument :
BNA_F
ClientSampleId :
ICVBF092117

Tot Ion:136	Resp: 659677
Ion Ratio	Lower Upper
136 100	
137 11.5	8.9 13.3
54 8.4	6.6 9.8
68 6.3	5.0 7.4

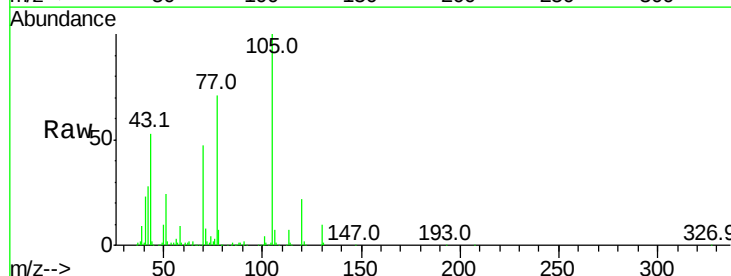


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

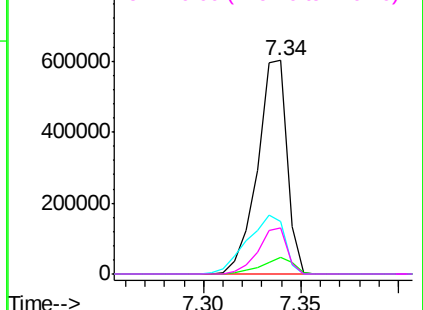
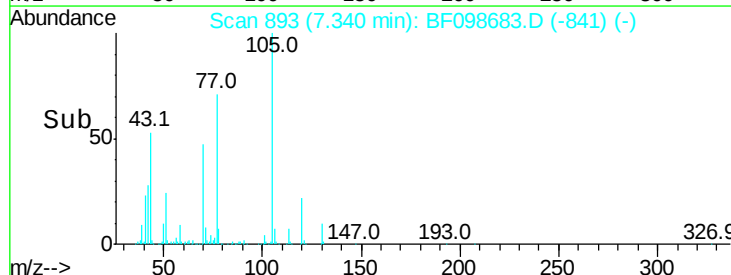


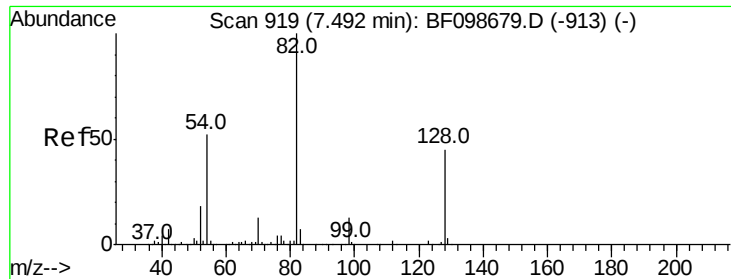
#22
Acetophenone
Concen: 38.823 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.01 min
Lab File: BF098683.D
Acq: 22 Sep 2017 4:51

Tgt	Ion:105	Resp:	633551
Ion	Ratio	Lower	Upper
105	100		
71	8.0	4.4	6.6#
51	24.4	22.3	33.5
120	21.9	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

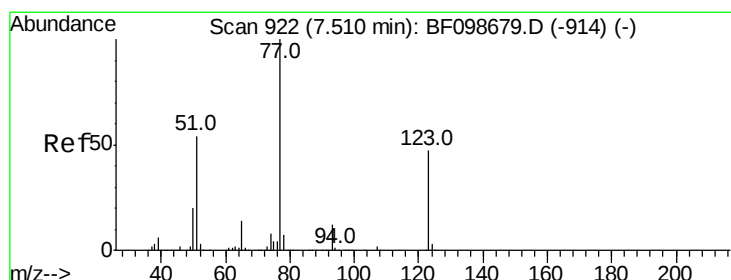
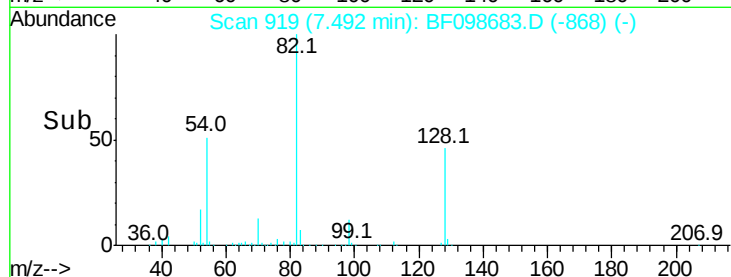
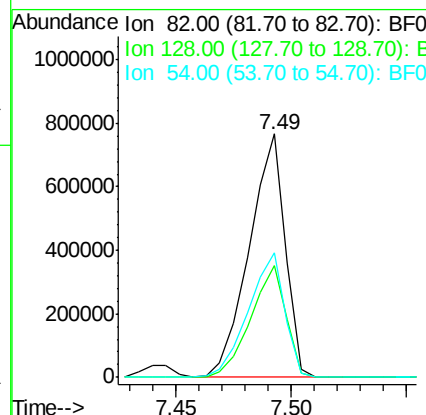
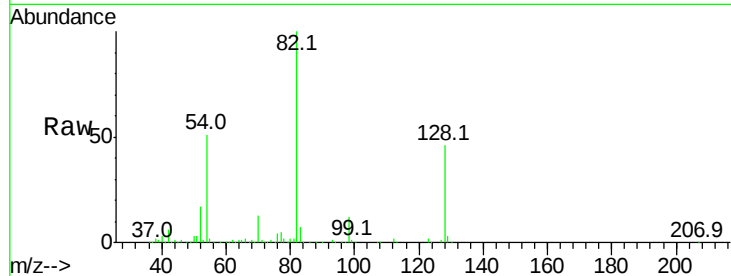




#23
 Nitrobenzene-d5
 Concen: 85.617 ng
 RT: 7.49 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BF098683.D
 Acq: 22 Sep 2017 4:51

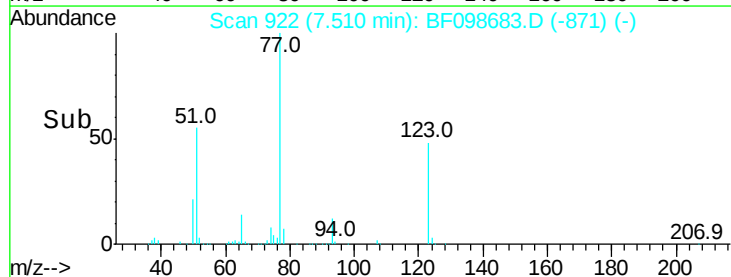
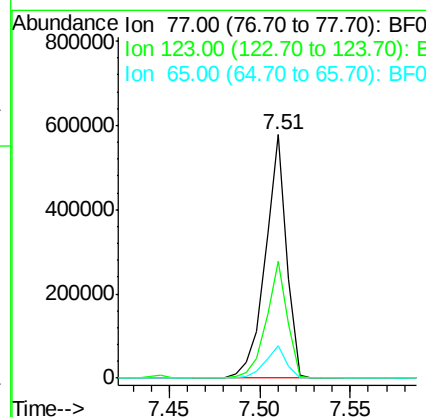
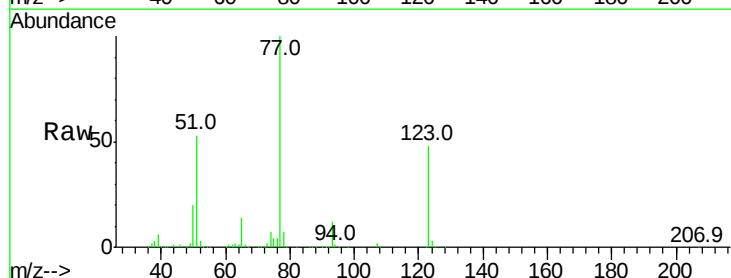
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092117

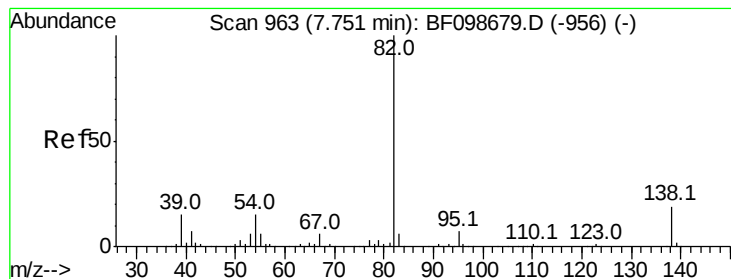
Tot Ion	82	Resp	832655
Ion Ratio	Lower	Upper	
82	100		
128	46.0	36.1	54.1
54	51.0	41.4	62.2



#24
 Nitrobenzene
 Concen: 41.776 ng
 RT: 7.51 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BF098683.D
 Acq: 22 Sep 2017 4:51

Tgt Ion	77	Resp	469238
Ion Ratio	Lower	Upper	
77	100		
123	48.2	37.9	56.9
65	13.6	11.0	16.4





#25

Isophorone

Concen: 39.430 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

Instrument :

BNA_F

ClientSampleId :

ICVBF092117

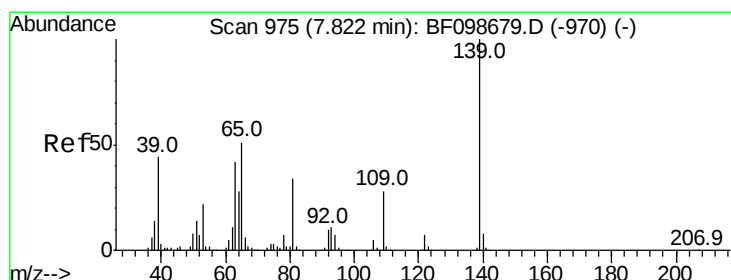
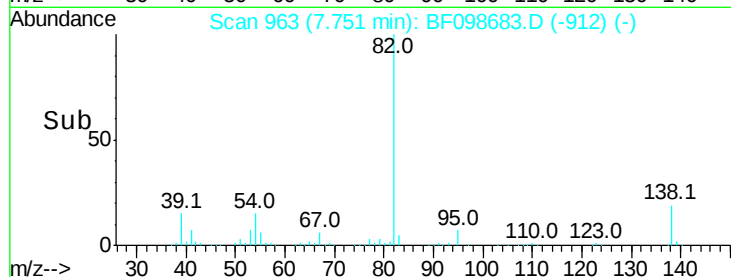
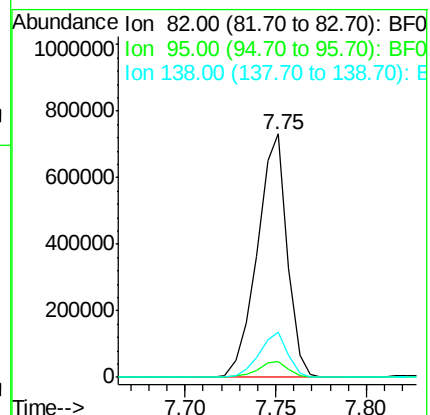
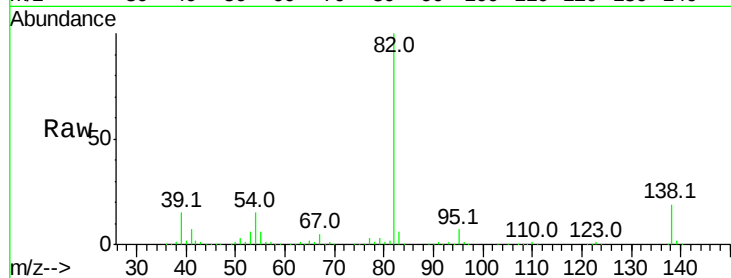
Tot Ion: 82 Resp: 836310

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 18.7 14.9 22.3



#26

2-Nitrophenol

Concen: 42.611 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

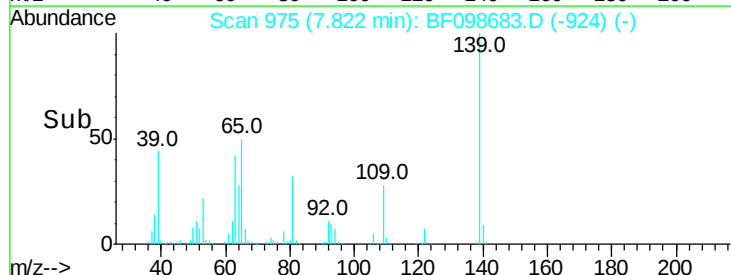
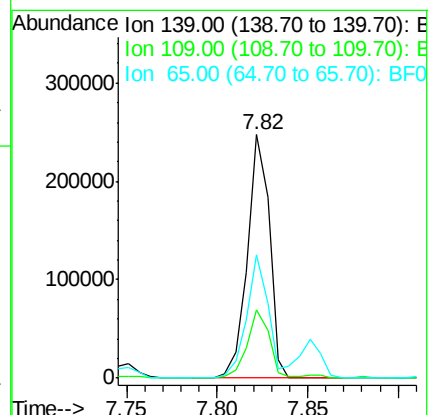
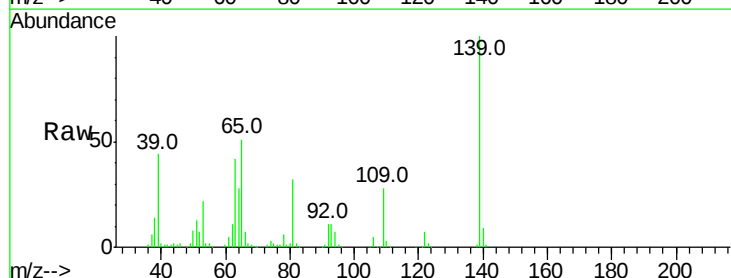
Tgt Ion: 139 Resp: 208393

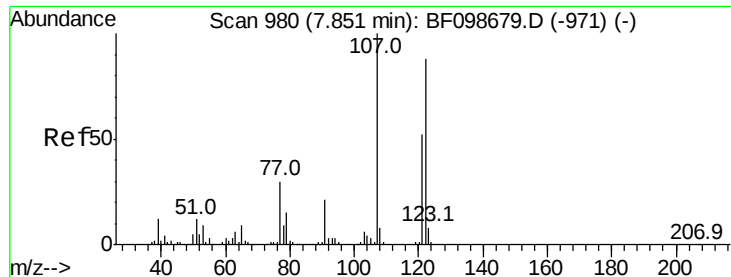
Ion Ratio Lower Upper

139 100

109 28.1 22.7 34.1

65 50.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 39.984 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

Instrument :

BNA_F

ClientSampleId :

ICVBF092117

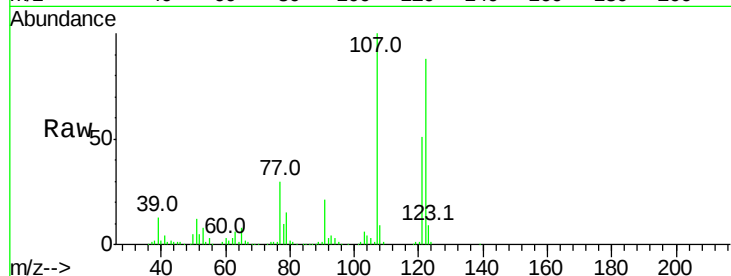
Tot Ion:122 Resp: 416486

Ion Ratio Lower Upper

122 100

107 113.6 91.2 136.8

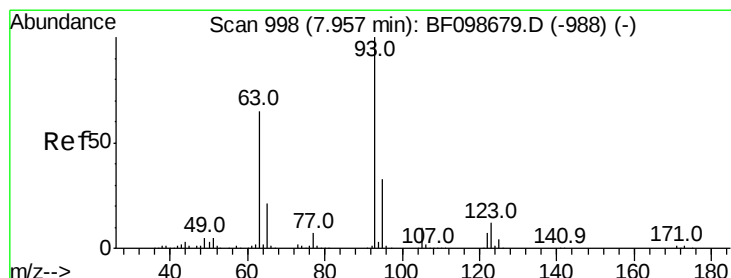
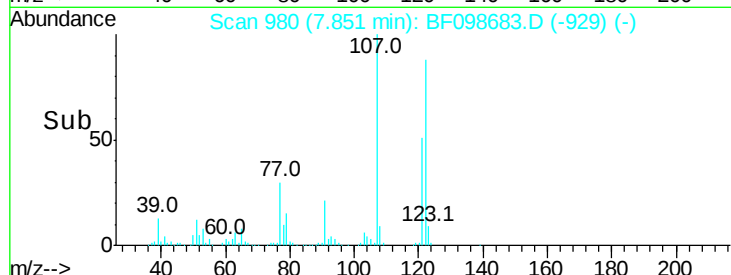
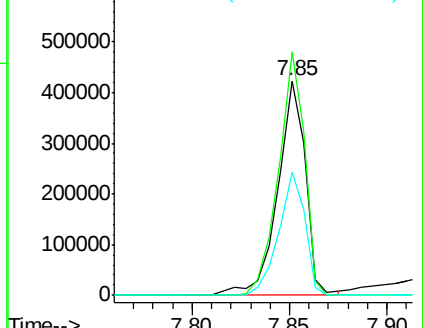
121 57.7 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.740 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

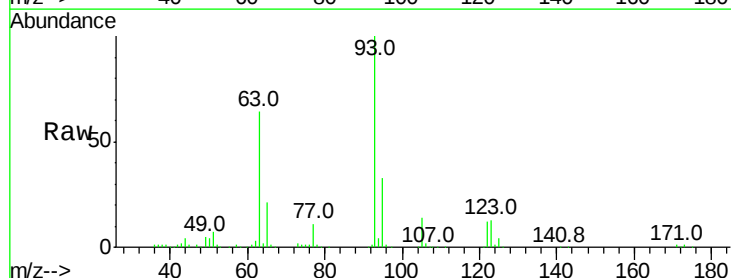
Tgt Ion: 93 Resp: 524487

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

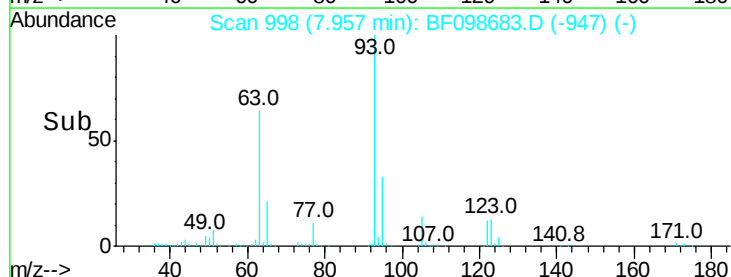
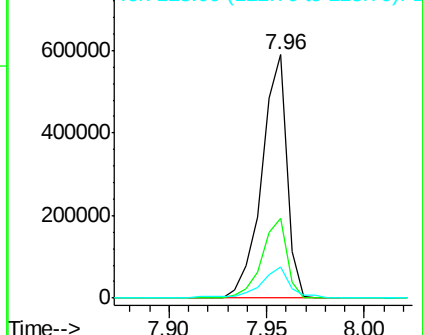
123 12.5 9.8 14.6

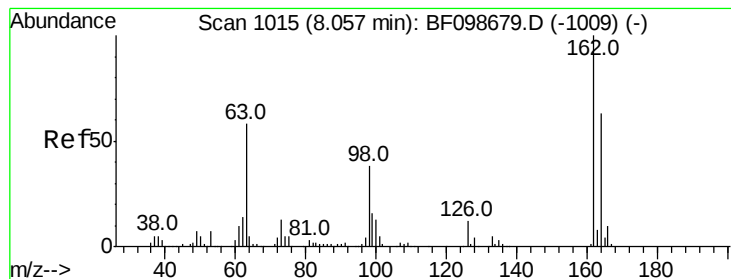


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.524 ng

RT: 8.06 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

Instrument :

BNA_F

ClientSampleId :

ICVBF092117

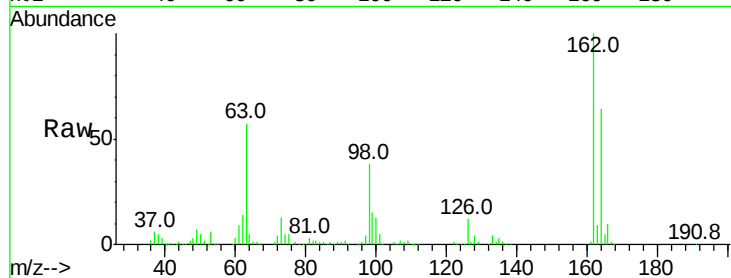
Tot Ion:162 Resp: 363104

Ion Ratio Lower Upper

162 100

164 63.6 42.7 82.7

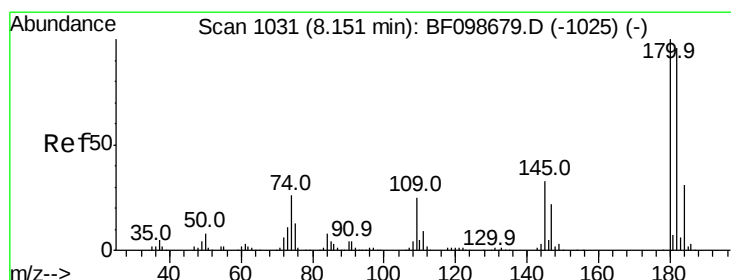
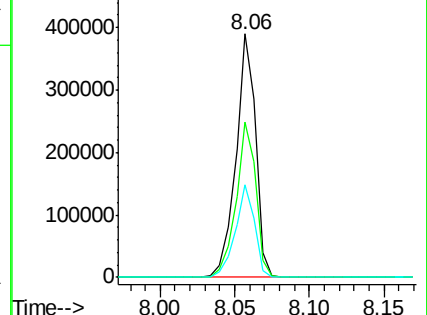
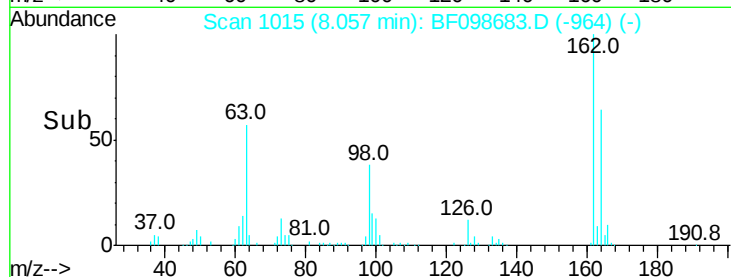
98 37.9 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 39.862 ng

RT: 8.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

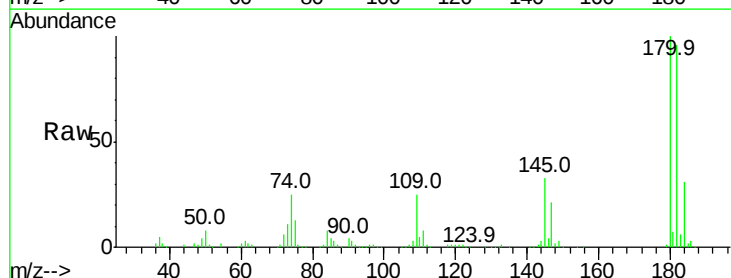
Tgt Ion:180 Resp: 360247

Ion Ratio Lower Upper

180 100

182 96.4 76.8 115.2

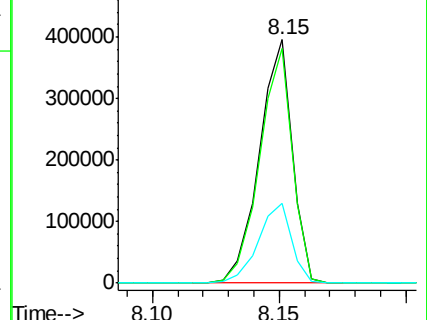
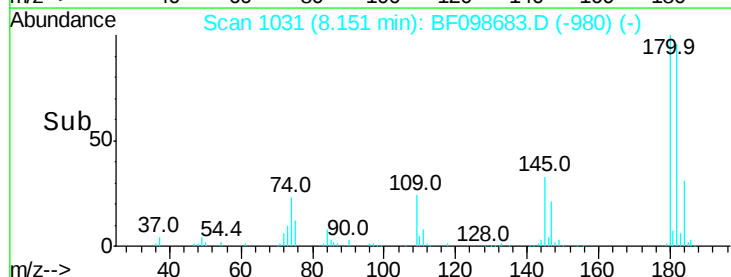
145 32.6 26.5 39.7

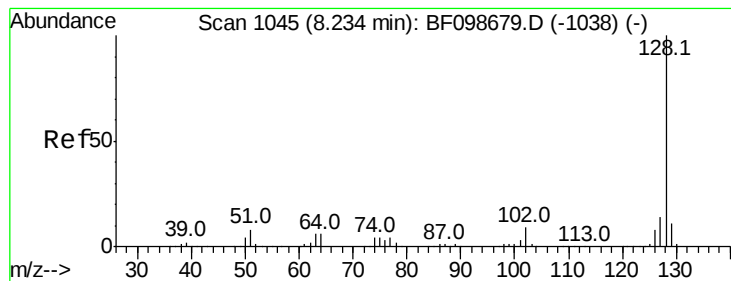


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.243 ng

RT: 8.23 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

Instrument :

BNA_F

ClientSampleId :

ICVBF092117

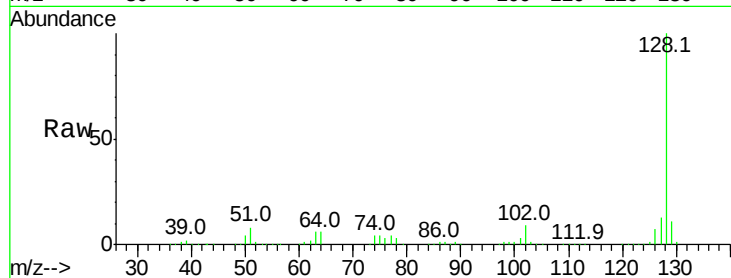
Tot Ion:128 Resp: 1228680

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

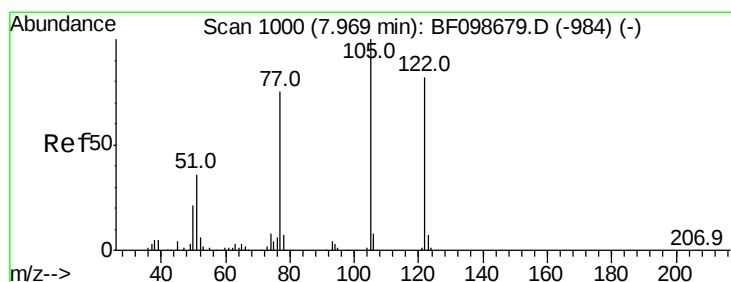
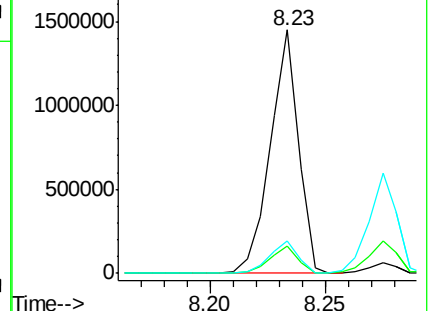
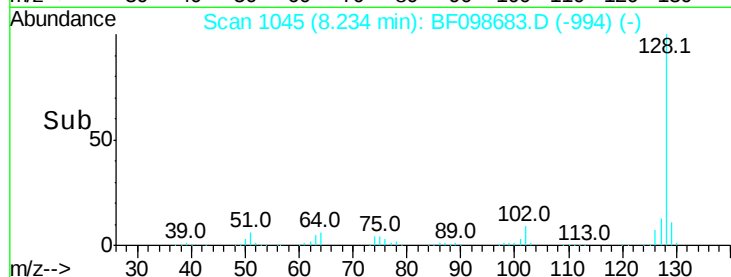
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.676 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

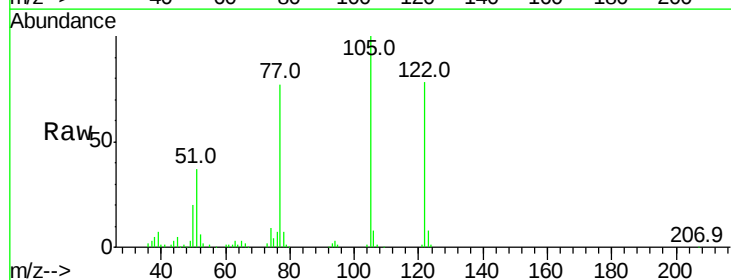
Tgt Ion:122 Resp: 309335

Ion Ratio Lower Upper

122 100

105 127.5 101.1 141.1

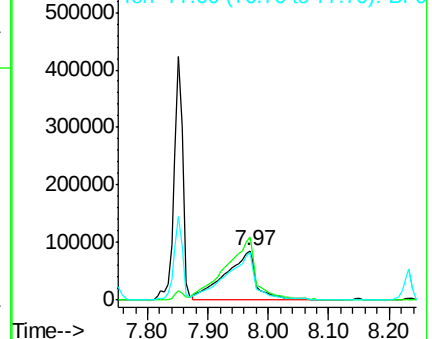
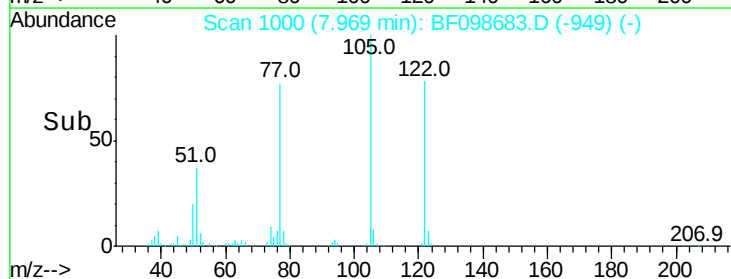
77 97.8 70.7 110.7

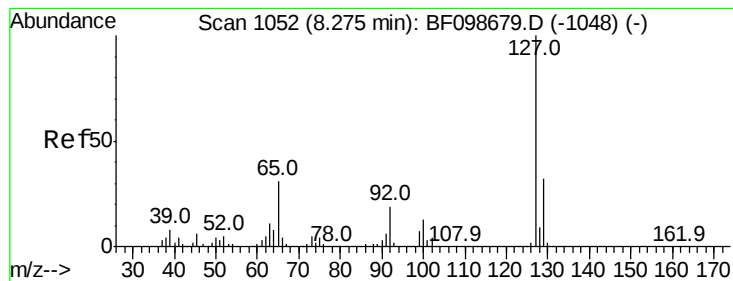


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 38.845 ng

RT: 8.27 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

Instrument :

BNA_F

ClientSampleId :

ICVBF092117

Tot Ion:127 Resp: 505644

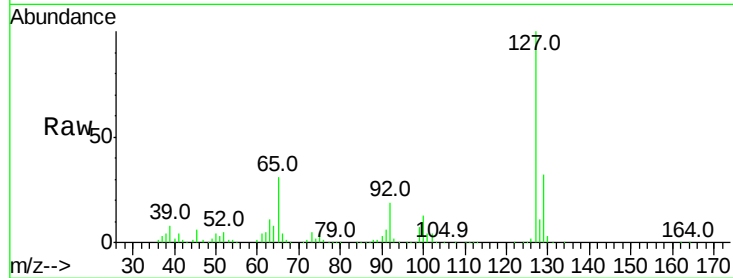
Ion Ratio Lower Upper

127 100

129 32.3 25.9 38.9

65 30.8 25.0 37.4

92 19.0 15.2 22.8

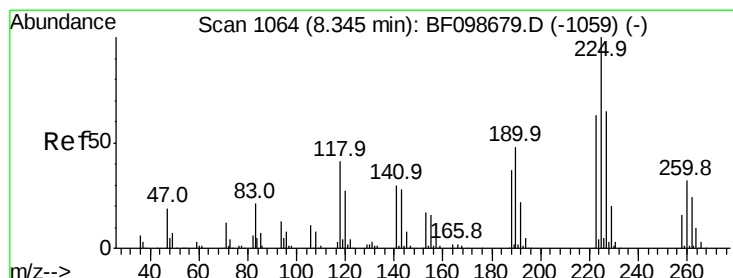
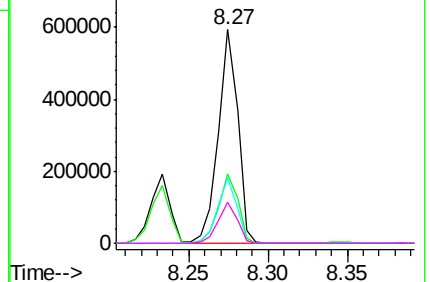
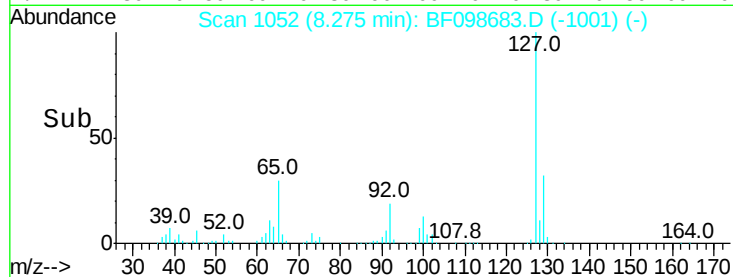


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 39.519 ng

RT: 8.35 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

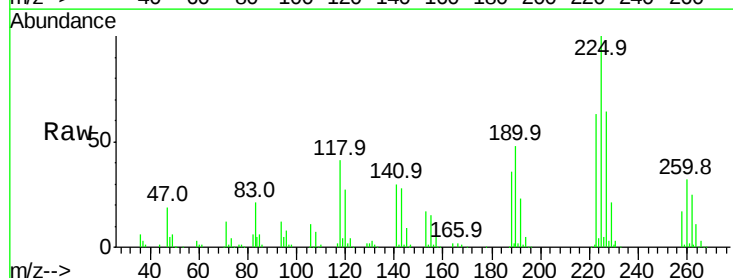
Tgt Ion:225 Resp: 192417

Ion Ratio Lower Upper

225 100

223 62.9 50.6 76.0

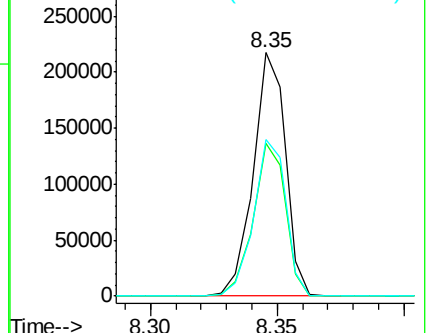
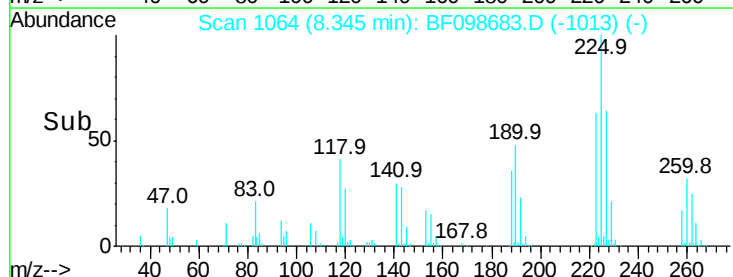
227 64.4 51.9 77.9

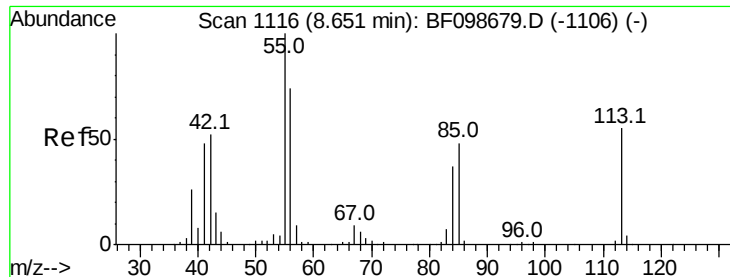


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

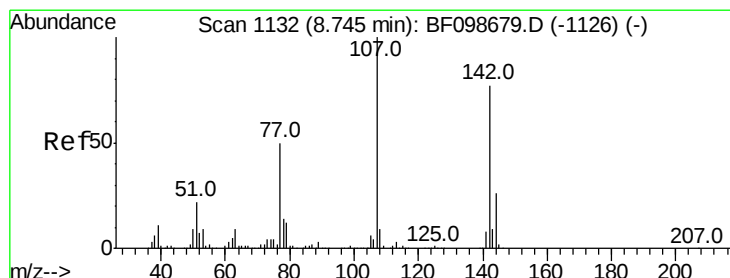
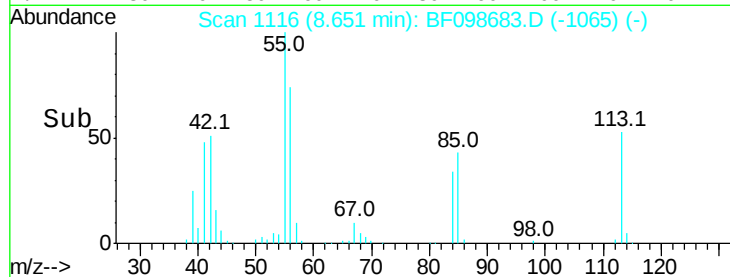
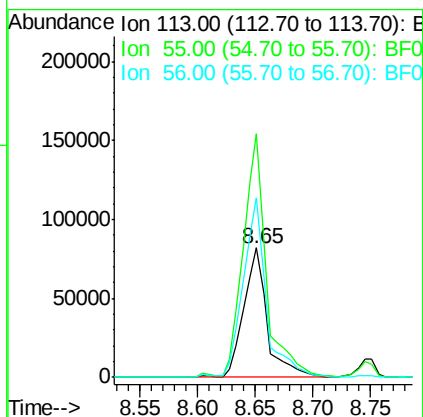
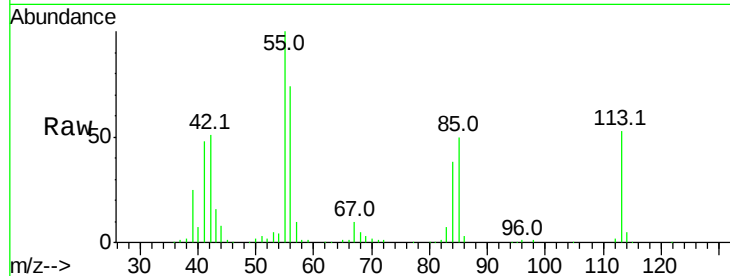




#35
 Caprolactam
 Concen: 41.227 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.00 min
 Lab File: BF098683.D
 Acq: 22 Sep 2017 4:51

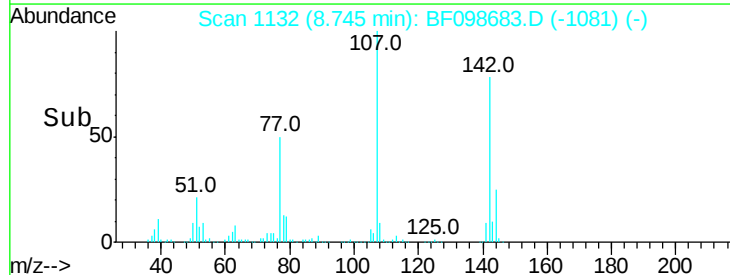
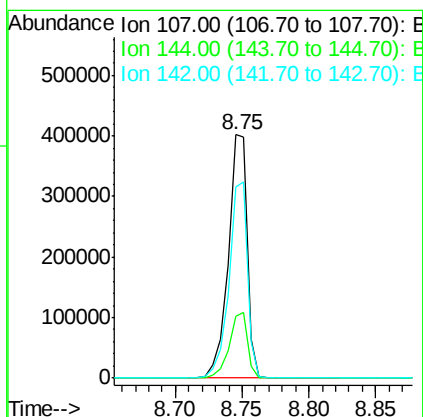
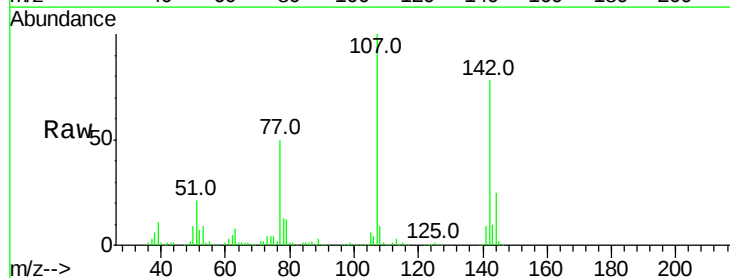
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092117

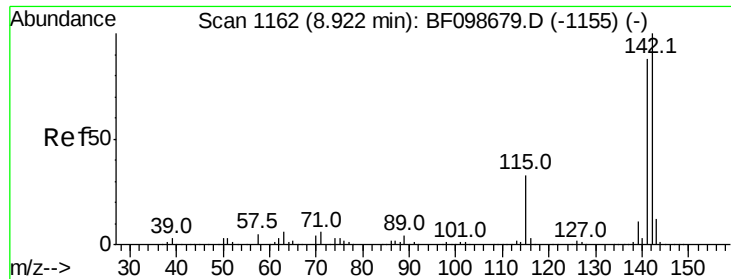
Tot Ion:113 Resp: 115191
 Ion Ratio Lower Upper
 113 100
 55 187.9 163.3 203.3
 56 138.9 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.702 ng
 RT: 8.75 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BF098683.D
 Acq: 22 Sep 2017 4:51

Tgt Ion:107 Resp: 406059
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.5 30.7
 142 78.3 62.0 93.0

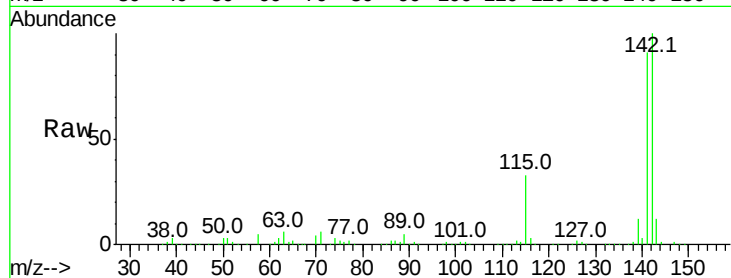




#37
 2-Methylnaphthalene
 Concen: 39.541 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BF098683.D
 Acq: 22 Sep 2017 4:51

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092117

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	70.8	106.2
115	33.1	26.1	39.1

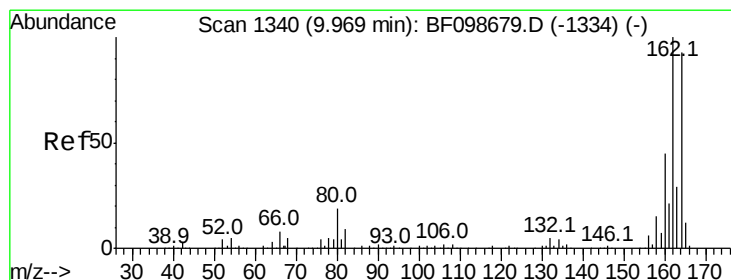
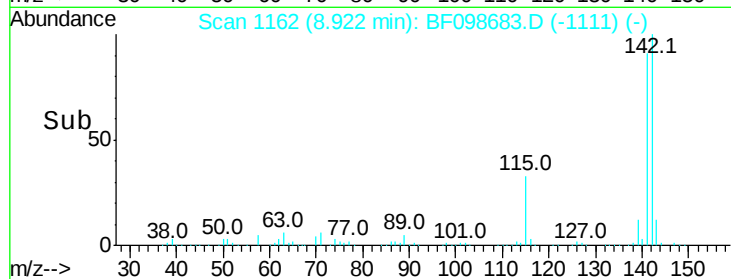
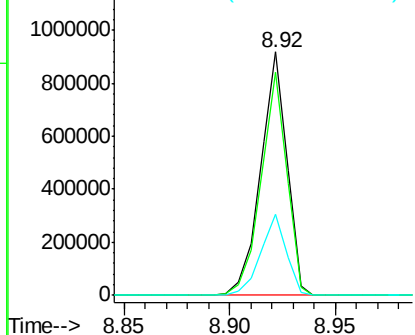


Abundance

Ion 142.00 (141.70 to 142.70): E

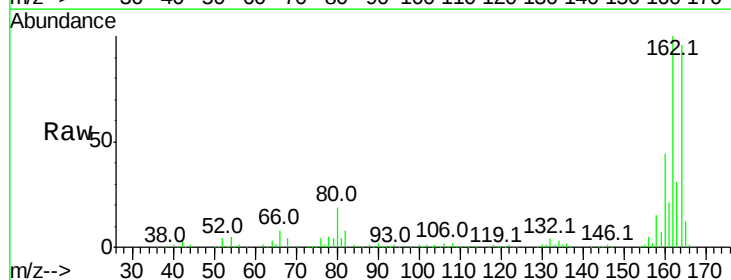
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF098683.D
 Acq: 22 Sep 2017 4:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	45.4	38.3	57.5

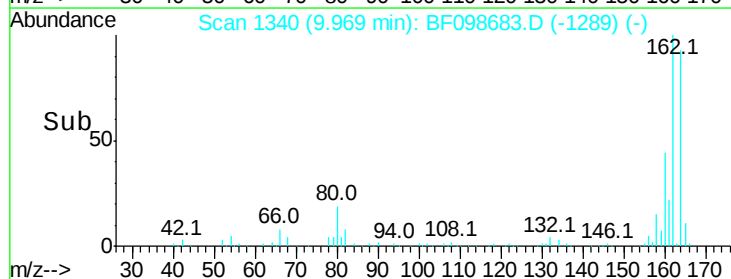
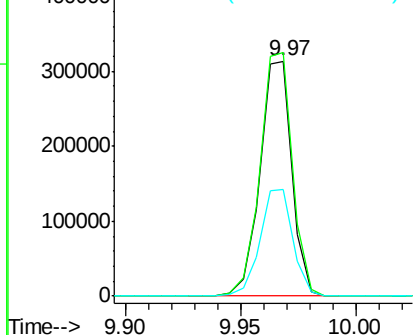


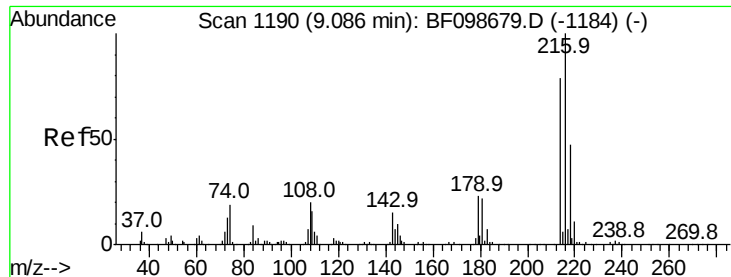
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

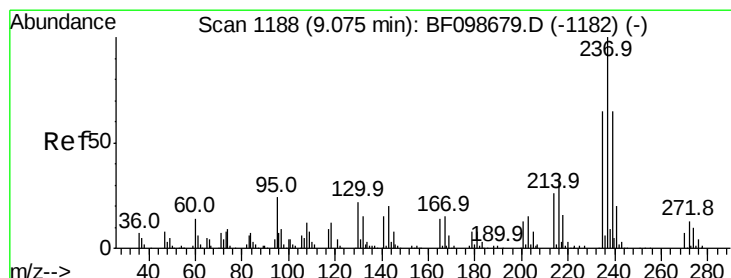
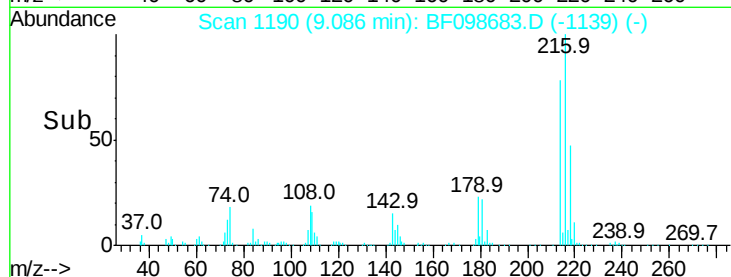
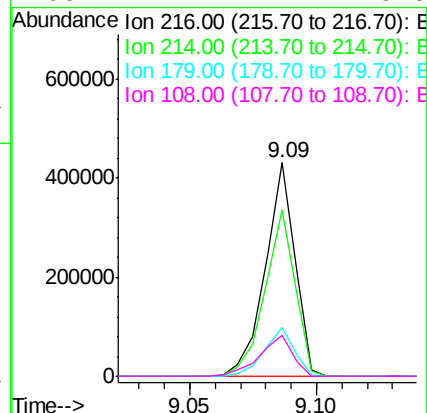
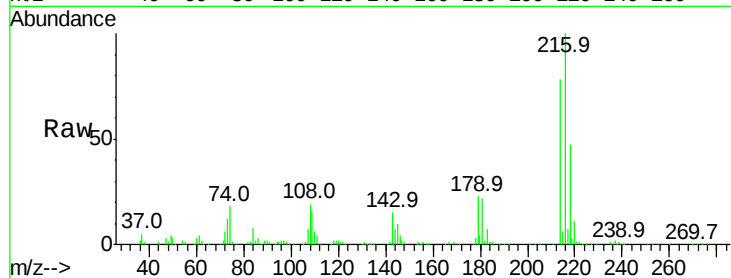




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.620 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF098683.D
 Acq: 22 Sep 2017 4:51

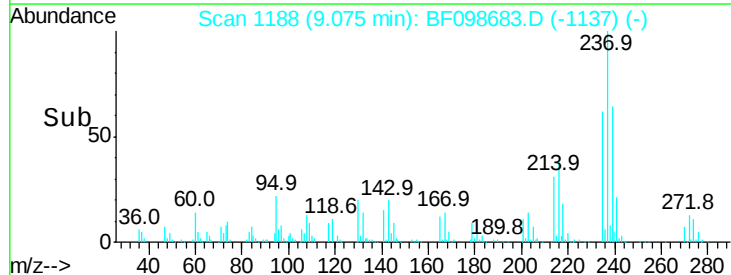
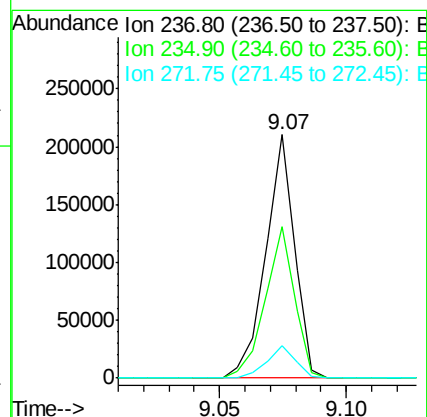
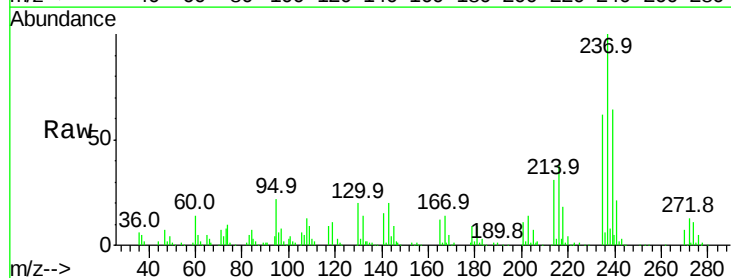
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092117

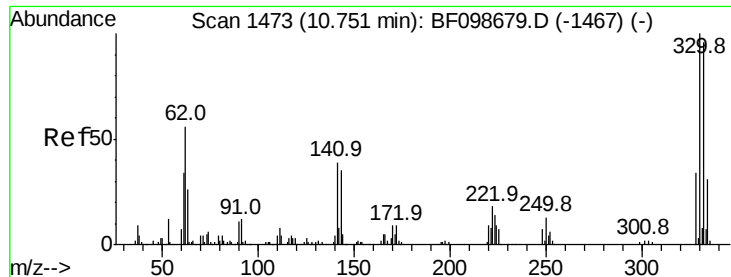
Tot Ion:	216	Resp:	354162
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.0	94.4
179	23.0	18.1	27.1
108	21.4	17.2	25.8



#40
 Hexachlorocyclopentadiene
 Concen: 43.207 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF098683.D
 Acq: 22 Sep 2017 4:51

Tgt Ion:	237	Resp:	167834
Ion	Ratio	Lower	Upper
237	100		
235	62.4	44.8	84.8
272	13.4	0.0	33.3

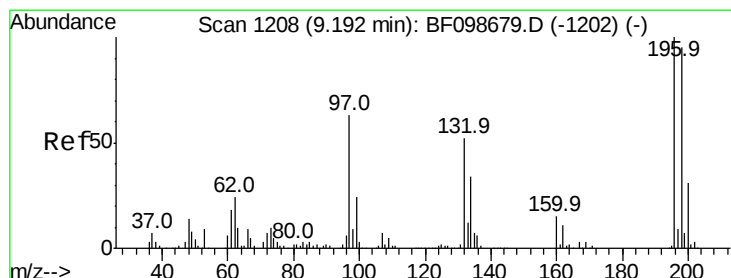
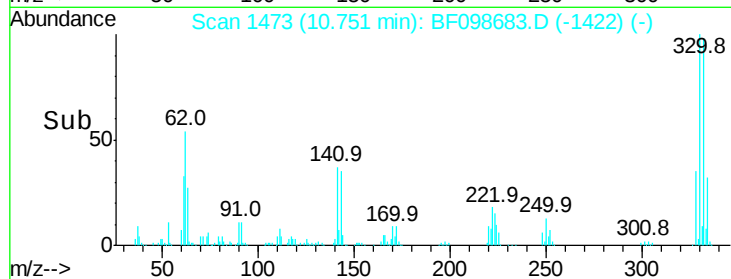
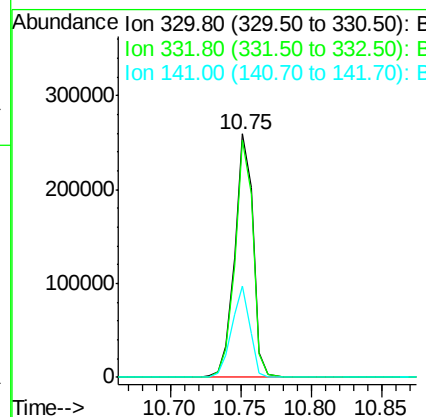
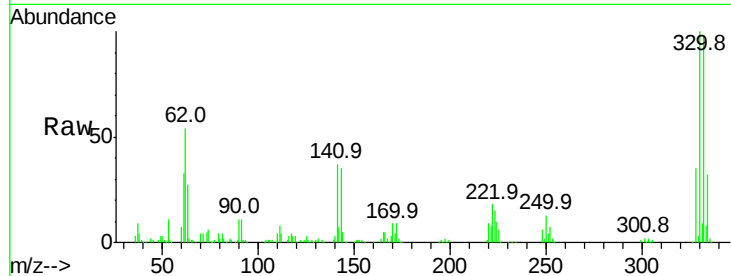




#41
 2,4,6-Tribromophenol
 Concen: 84.733 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. 0.00 min
 Lab File: BF098683.D
 Acq: 22 Sep 2017 4:51

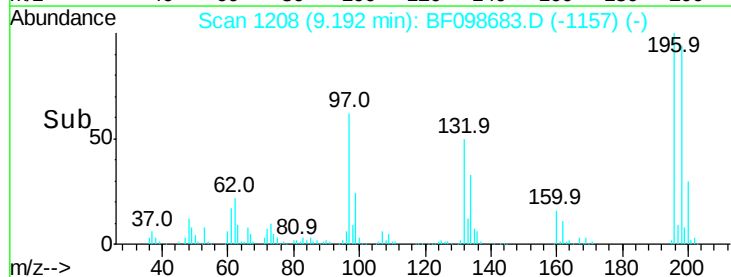
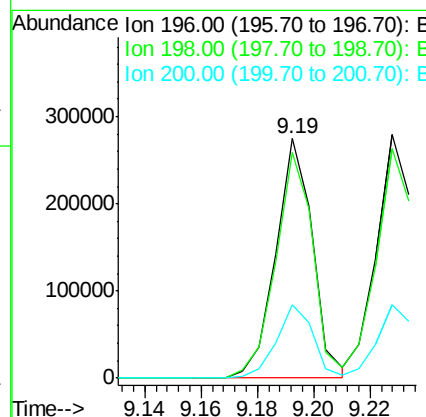
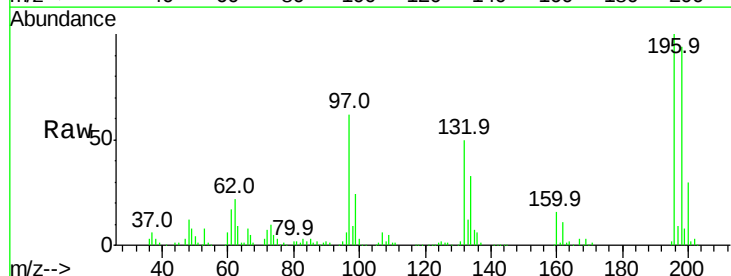
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092117

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	37.3	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 41.267 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF098683.D
 Acq: 22 Sep 2017 4:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.3	75.7	113.5
200	30.5	24.5	36.7

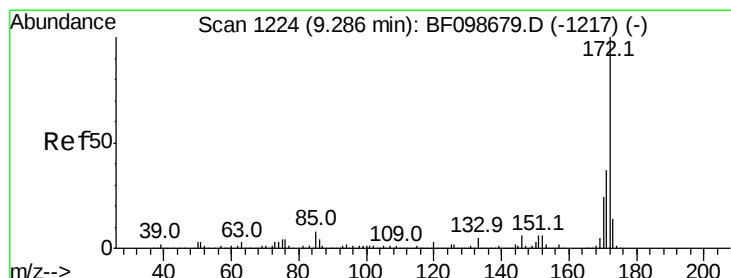
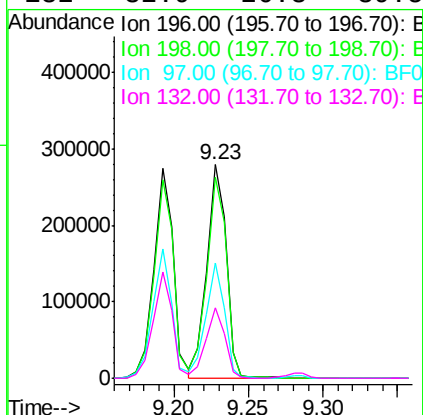
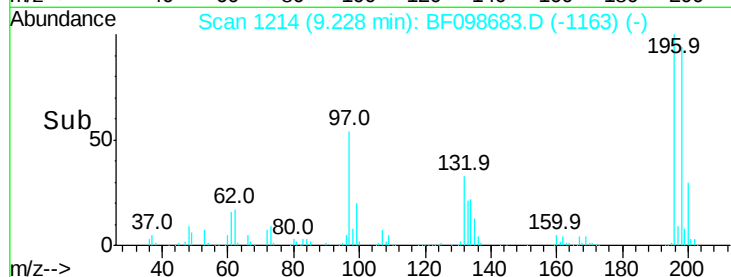
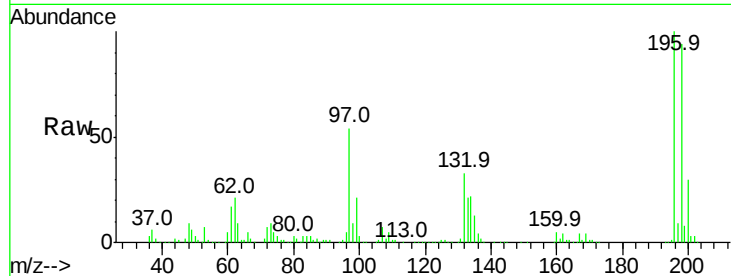




#43
 2,4,5-Trichlorophenol
 Concen: 40.742 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF098683.D
 Acq: 22 Sep 2017 4:51

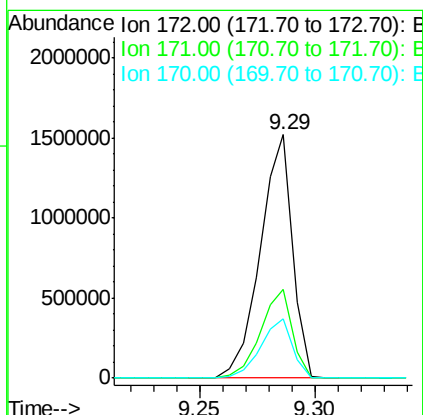
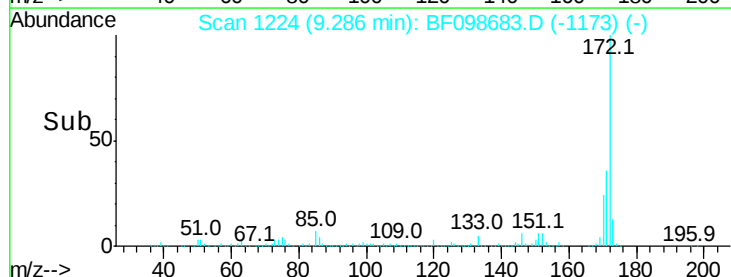
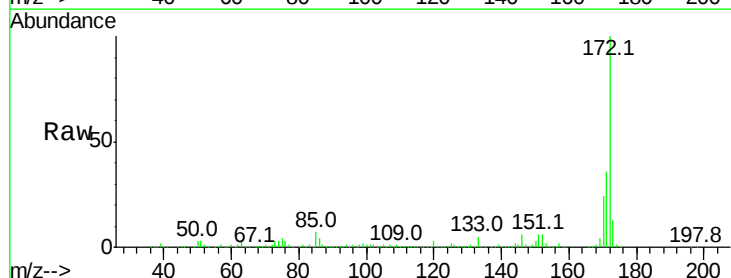
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092117

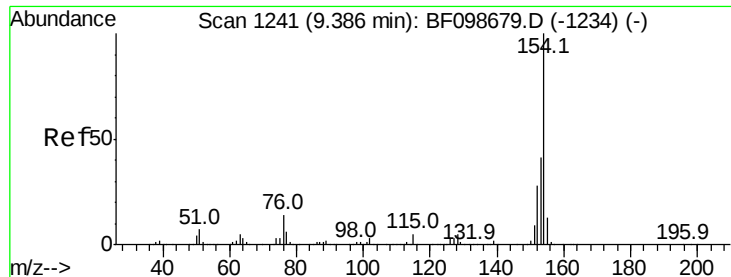
Tot Ion:	196	Resp:	251664
Ion	Ratio	Lower	Upper
196	100		
198	94.2	74.6	112.0
97	53.9	42.9	64.3
132	32.9	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 77.589 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF098683.D
 Acq: 22 Sep 2017 4:51

Tgt Ion:	172	Resp:	1473689
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.3	19.6	29.4





#45

1,1'-Biphenyl

Concen: 39.220 ng

RT: 9.39 min Scan# 1241

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

Instrument :

BNA_F

ClientSampleId :

ICVBF092117

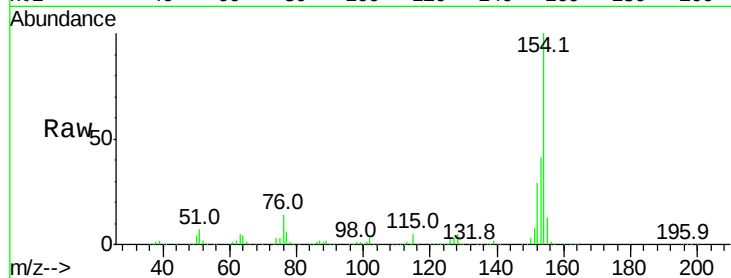
Tot Ion:154 Resp: 1018408

Ion Ratio Lower Upper

154 100

153 41.0 21.3 61.3

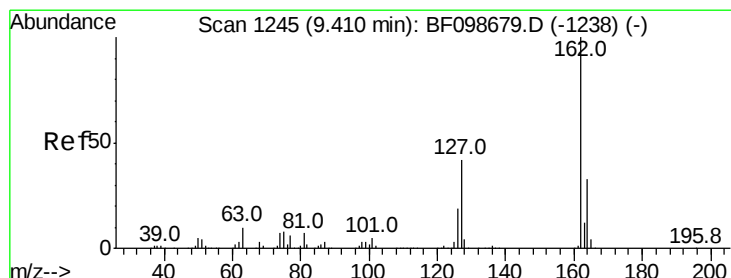
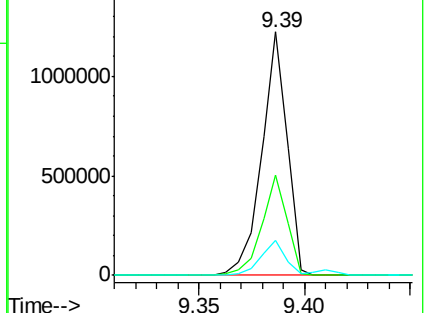
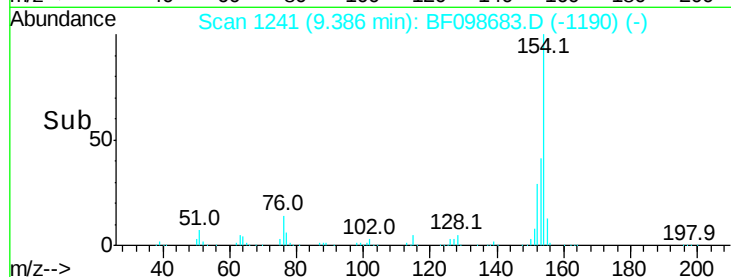
76 14.2 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.721 ng

RT: 9.41 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

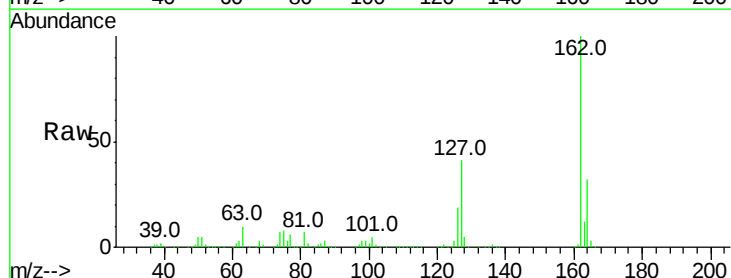
Tgt Ion:162 Resp: 773421

Ion Ratio Lower Upper

162 100

127 40.6 33.9 50.9

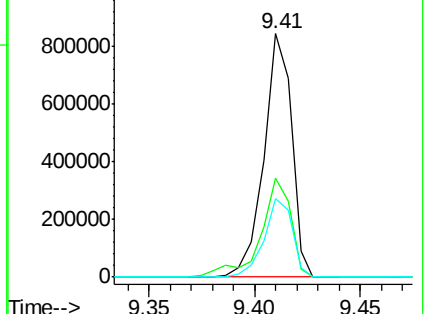
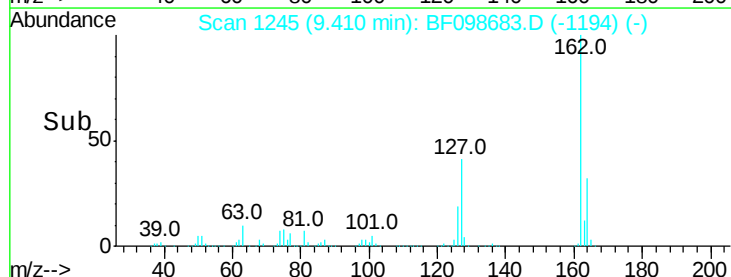
164 32.4 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.350 ng

RT: 9.50 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

Instrument :

BNA_F

ClientSampleId :

ICVBF092117

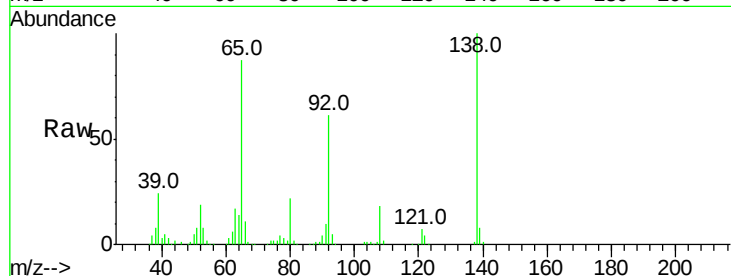
Tot Ion: 65 Resp: 231532

Ion Ratio Lower Upper

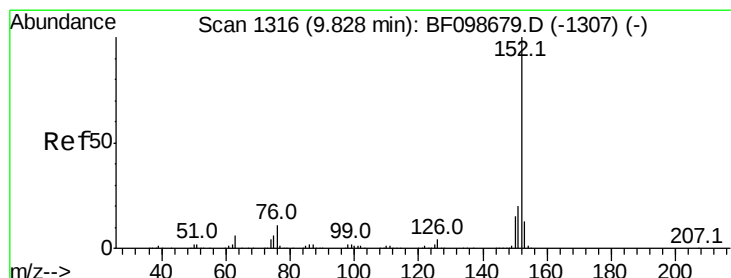
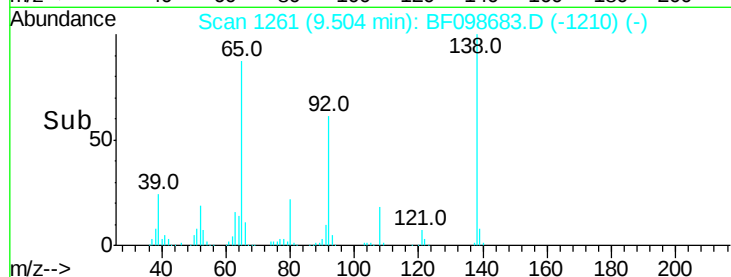
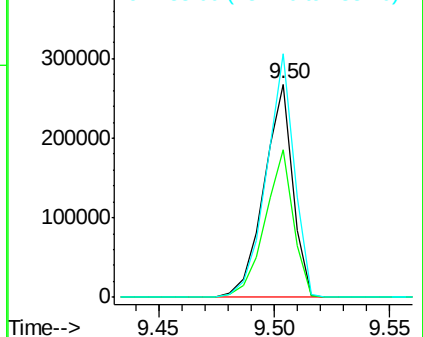
65 100

92 69.2 55.8 83.6

138 114.3 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 39.460 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

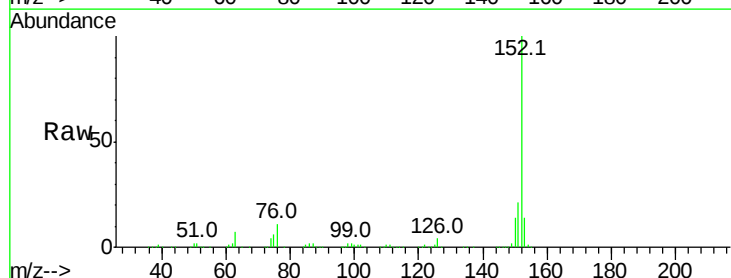
Tgt Ion: 152 Resp: 1181748

Ion Ratio Lower Upper

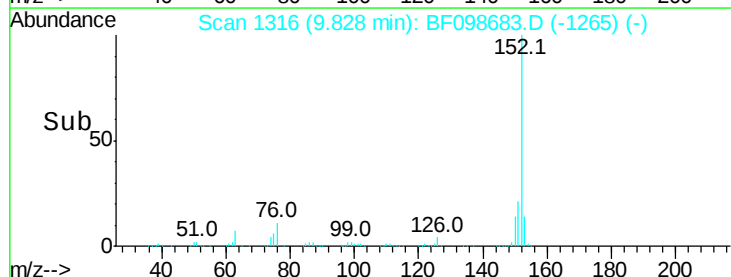
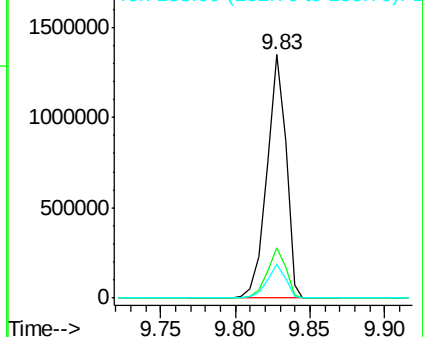
152 100

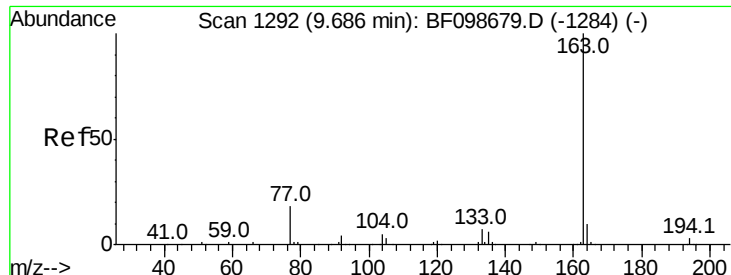
151 20.8 16.3 24.5

153 13.6 10.7 16.1



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

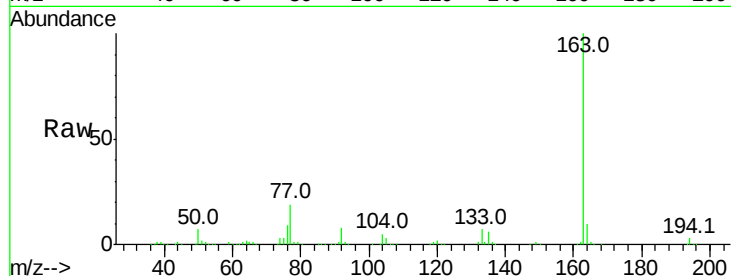




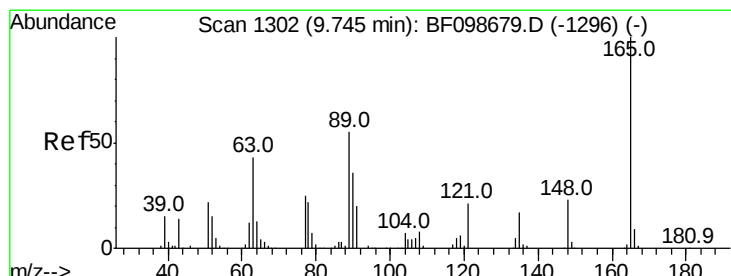
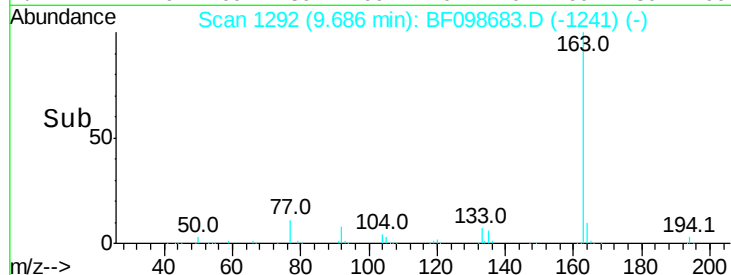
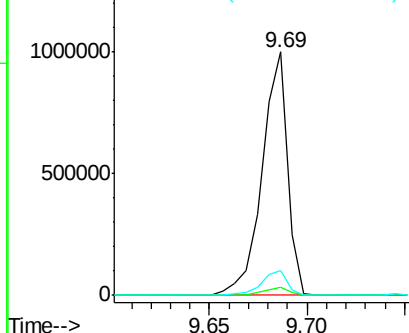
#49
Dimethylphthalate
Concen: 39.670 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BF098683.D
Acq: 22 Sep 2017 4:51

Instrument :
BNA_F
ClientSampleId :
ICVBF092117

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.2	8.2	12.2

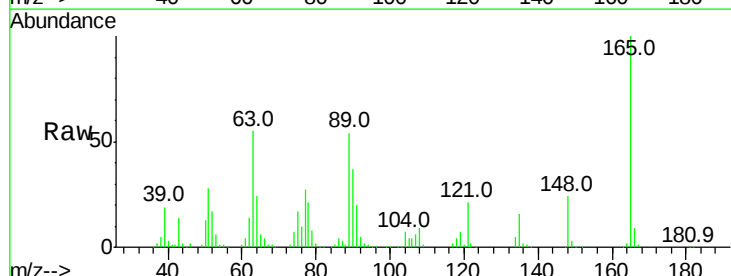


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

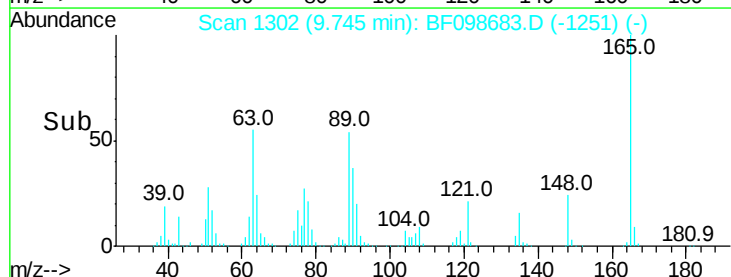
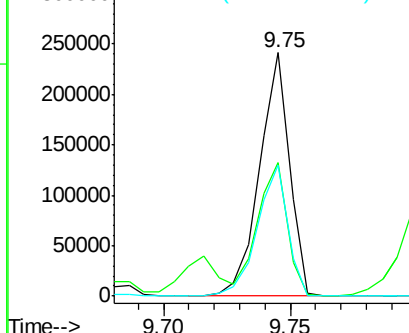


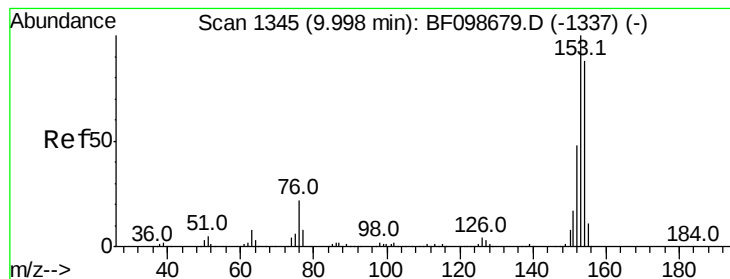
#50
2,6-Dinitrotoluene
Concen: 44.862 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BF098683.D
Acq: 22 Sep 2017 4:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.8	44.7	67.1
89	53.6	44.0	66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.347 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

Instrument :

BNA_F

ClientSampleId :

ICVBF092117

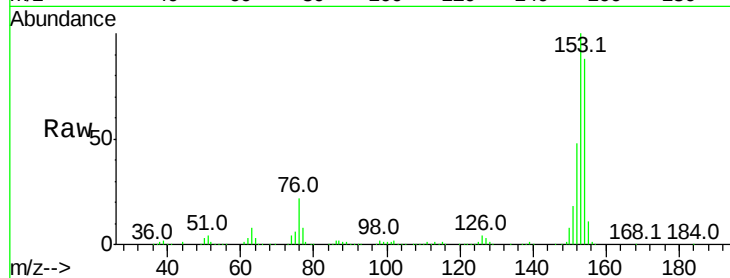
Tot Ion:154 Resp: 731435

Ion Ratio Lower Upper

154 100

153 113.7 91.2 136.8

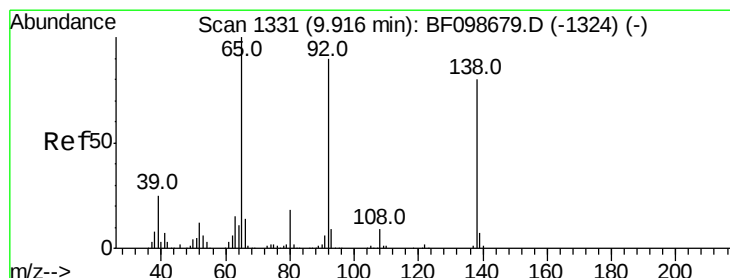
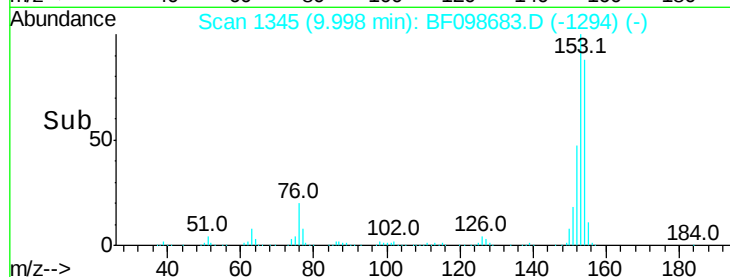
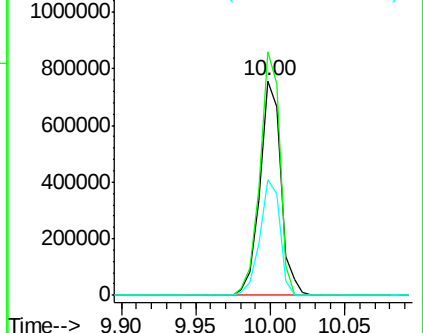
152 54.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.166 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

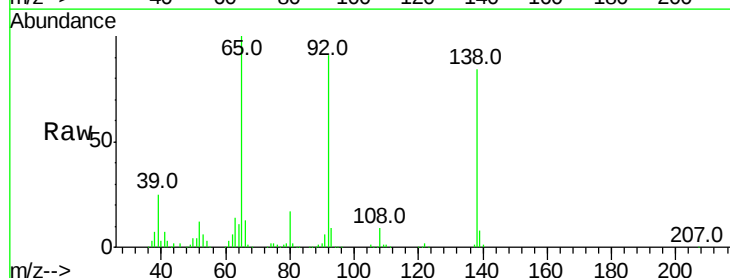
Tgt Ion:138 Resp: 230143

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

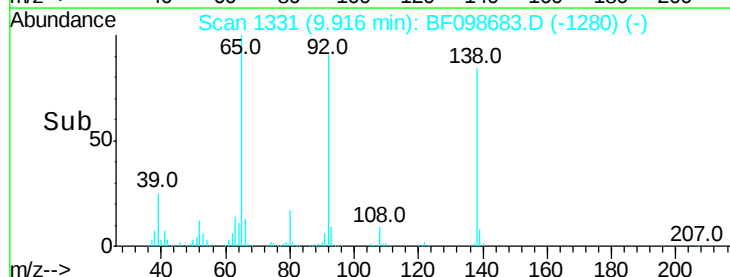
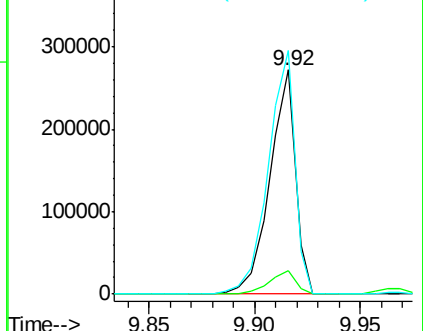
92 108.5 89.4 134.2

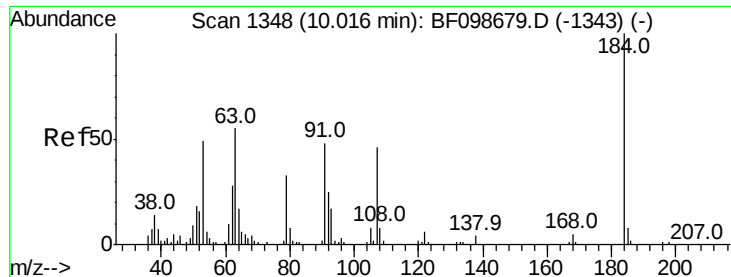


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

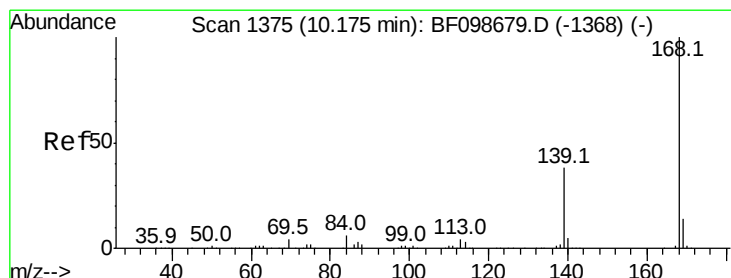
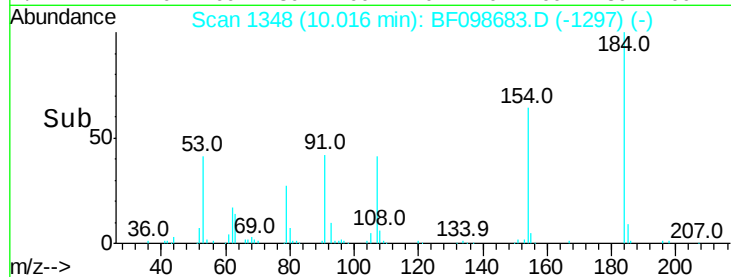
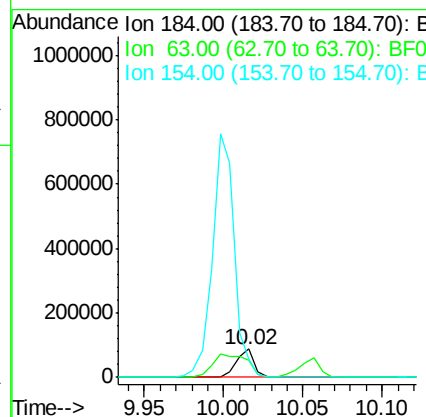
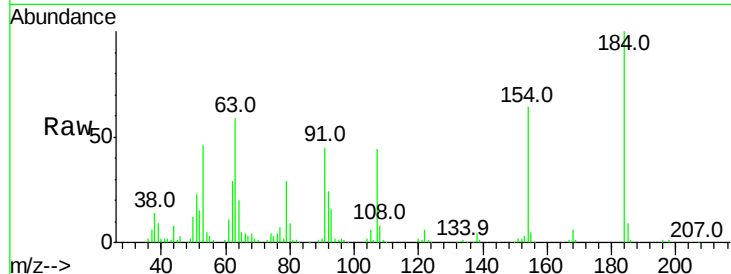




#53
 2,4-Dinitrophenol
 Concen: 45.482 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: BF098683.D
 Acq: 22 Sep 2017 4:51

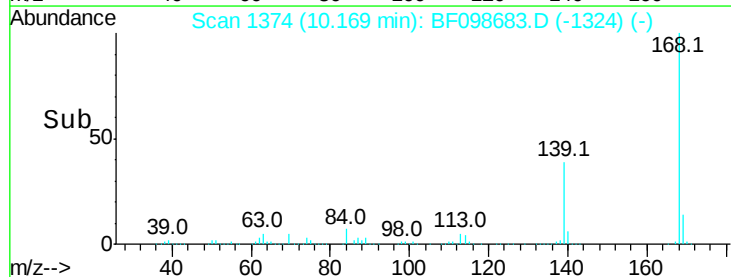
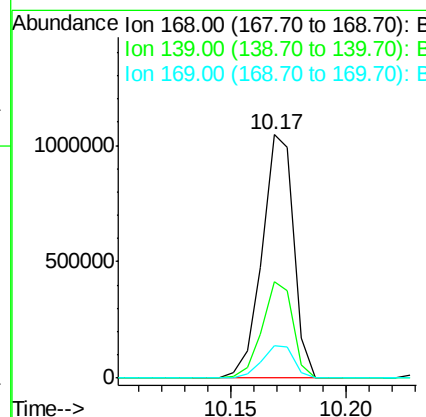
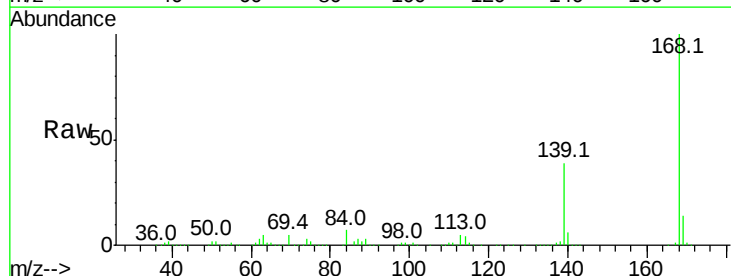
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092117

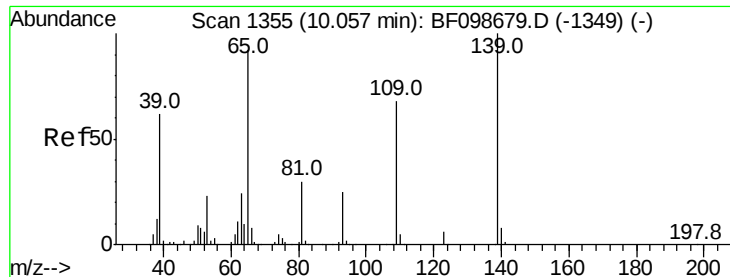
Tot Ion	Ratio	Lower	Upper
184	100		
63	59.3	54.2	81.2
154	64.3	53.5	80.3



#54
 Dibenzofuran
 Concen: 39.340 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: BF098683.D
 Acq: 22 Sep 2017 4:51

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.4	30.1	45.1
169	13.6	10.9	16.3

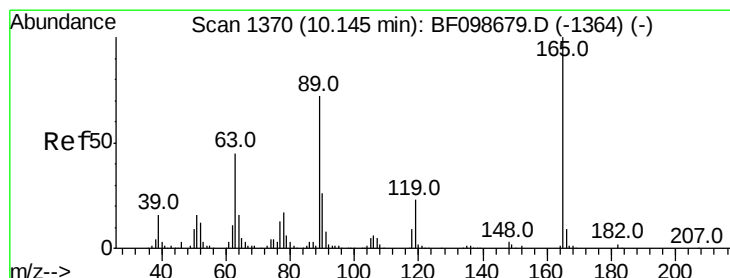
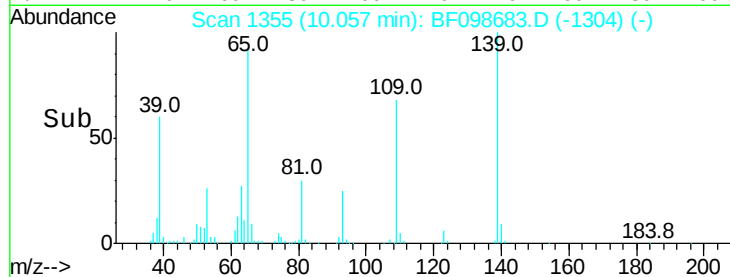
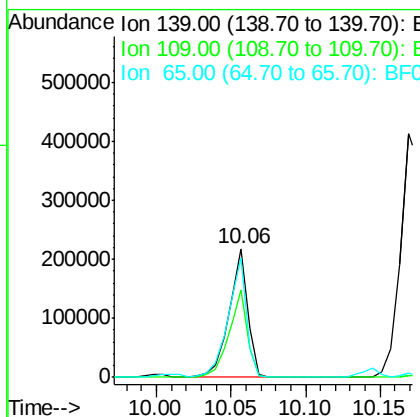
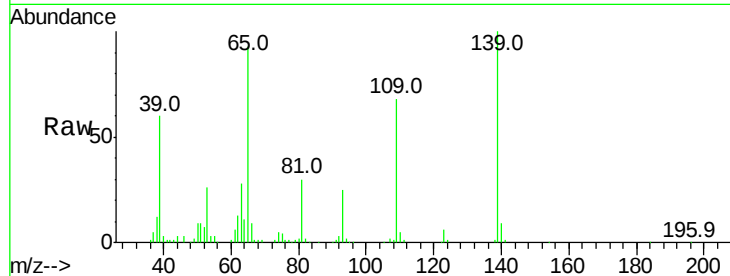




#55
4-Nitrophenol
Concen: 41.994 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF098683.D
Acq: 22 Sep 2017 4:51

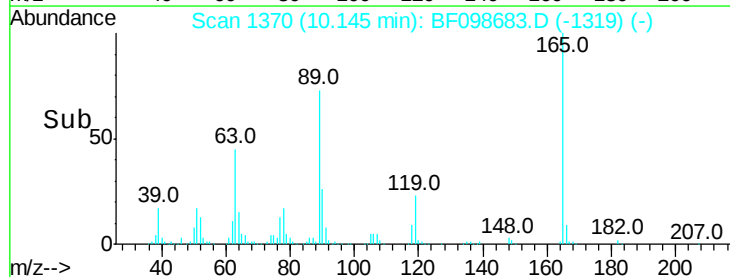
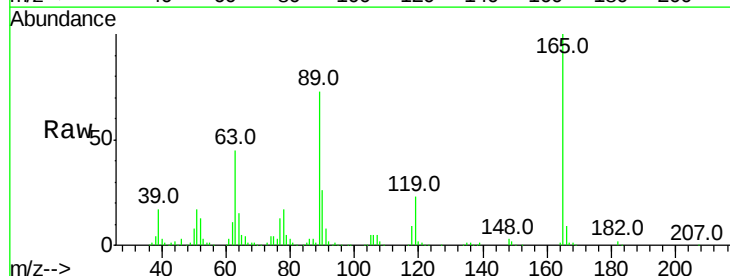
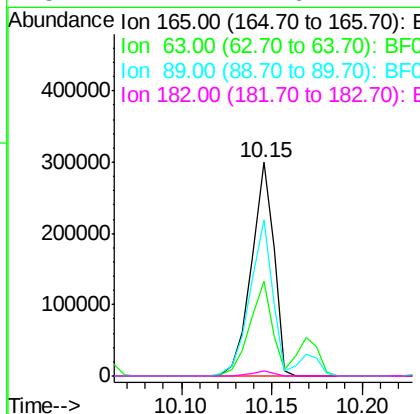
Instrument :
BNA_F
ClientSampleId :
ICVBF092117

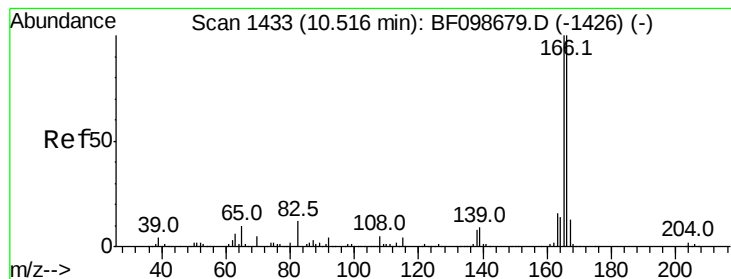
Tot Ion	Ratio	Lower	Upper
139	100		
109	67.7	48.4	88.4
65	92.6	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 43.094 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BF098683.D
Acq: 22 Sep 2017 4:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.5	36.4	54.6
89	72.9	57.8	86.6
182	2.2	1.6	2.4





#57

Fluorene

Concen: 38.628 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

Instrument :

BNA_F

ClientSampleId :

ICVBF092117

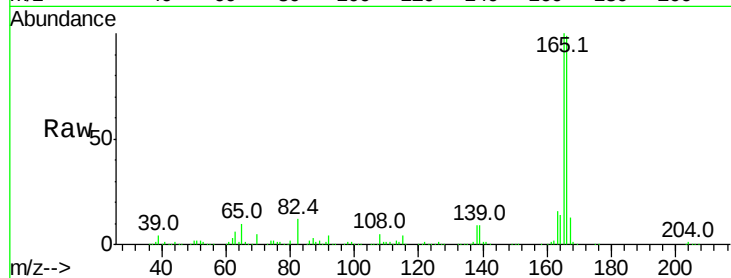
Tot Ion:166 Resp: 788103

Ion Ratio Lower Upper

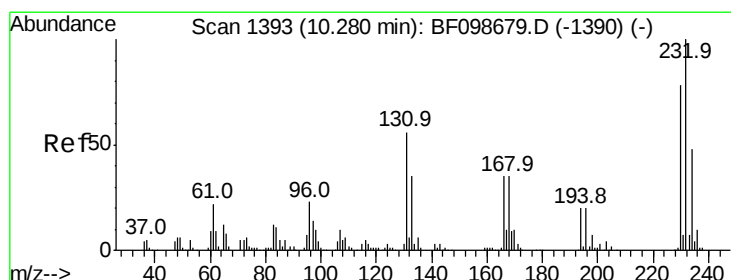
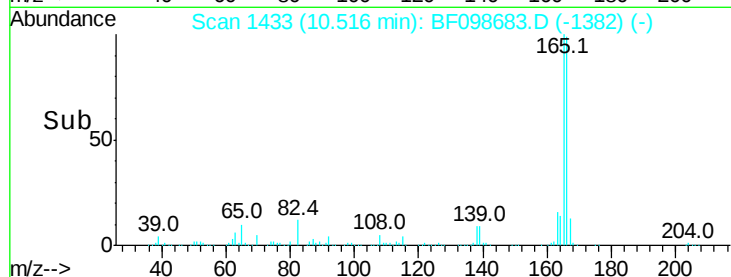
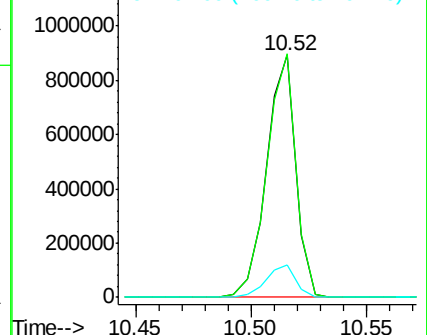
166 100

165 100.5 79.8 119.8

167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.265 ng

RT: 10.28 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

Tgt Ion:232 Resp: 185741

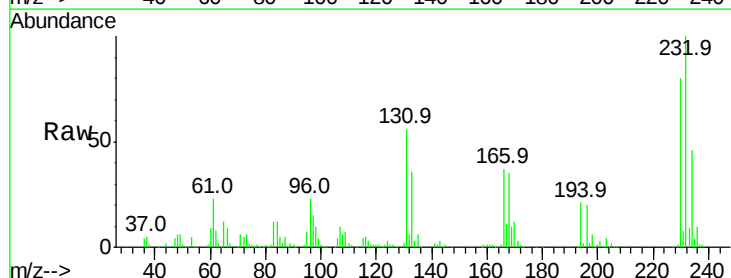
Ion Ratio Lower Upper

232 100

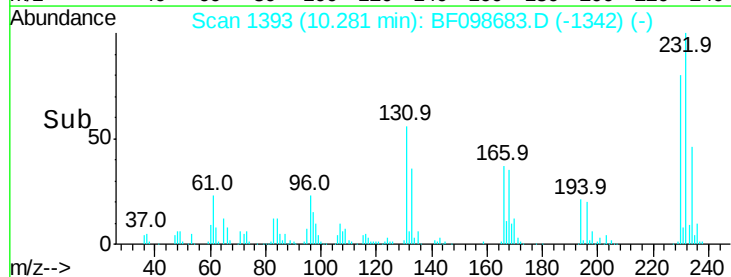
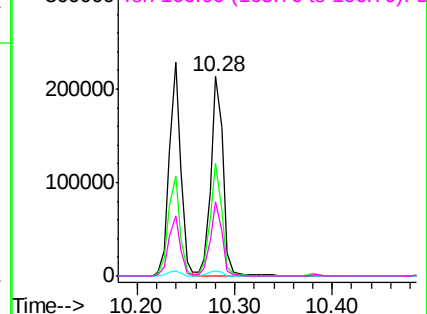
131 53.0 43.8 65.8

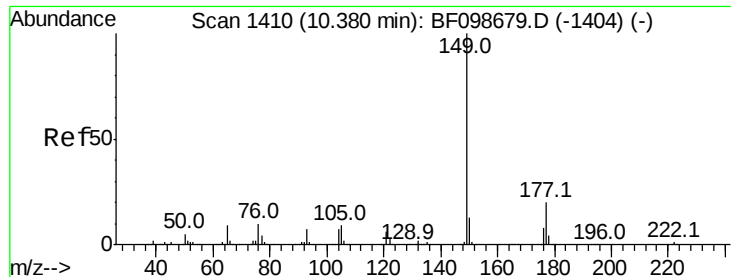
130 2.6 2.1 3.1

166 35.4 27.8 41.6



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

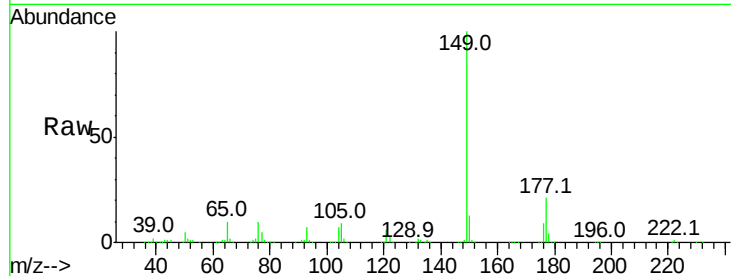




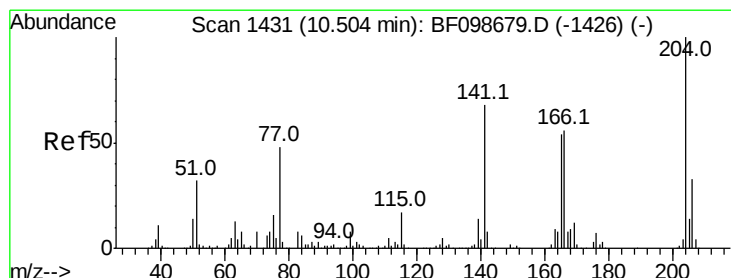
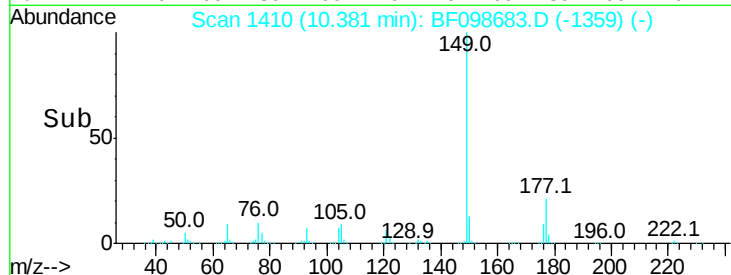
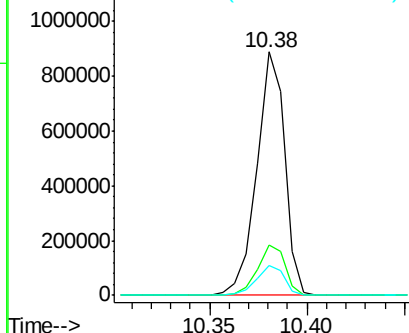
#59
Diethylphthalate
Concen: 39.631 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF098683.D
Acq: 22 Sep 2017 4:51

Instrument :
BNA_F
ClientSampleId :
ICVBF092117

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.1	24.1
150	12.5	10.1	15.1

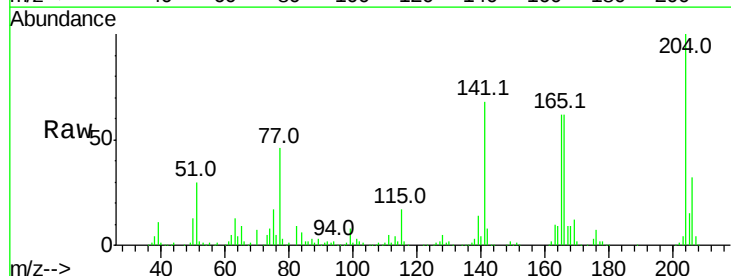


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

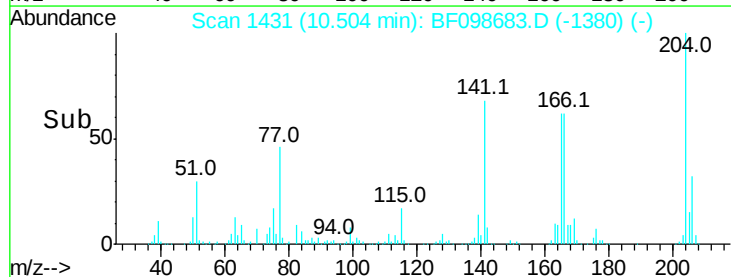
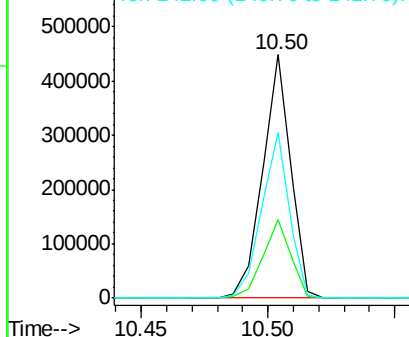


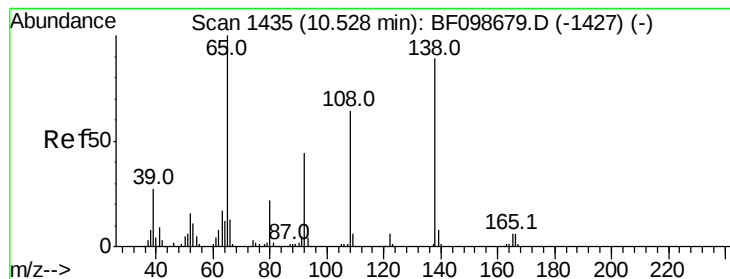
#60
4-Chlorophenyl-phenylether
Concen: 38.819 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF098683.D
Acq: 22 Sep 2017 4:51

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.5	39.7
141	67.9	54.6	81.8



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





#61

4-Nitroaniline

Concen: 44.039 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

Instrument :

BNA_F

ClientSampleId :

ICVBF092117

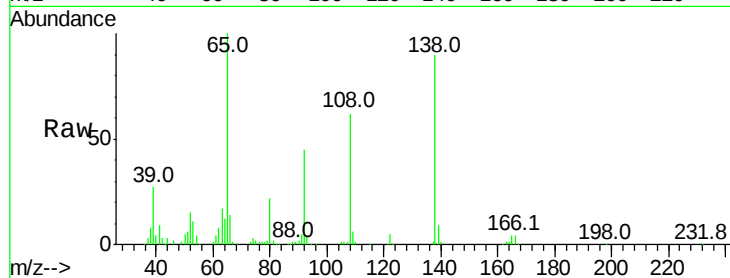
Tot Ion:138 Resp: 225193

Ion Ratio Lower Upper

138 100

92 50.1 30.2 70.2

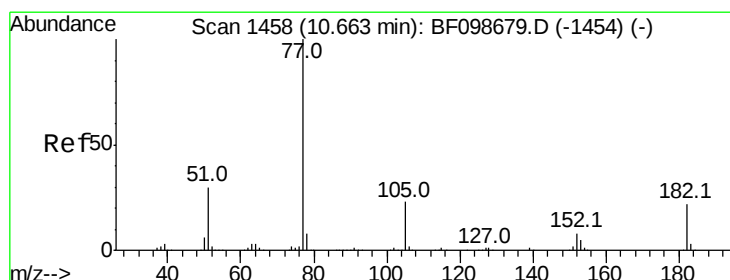
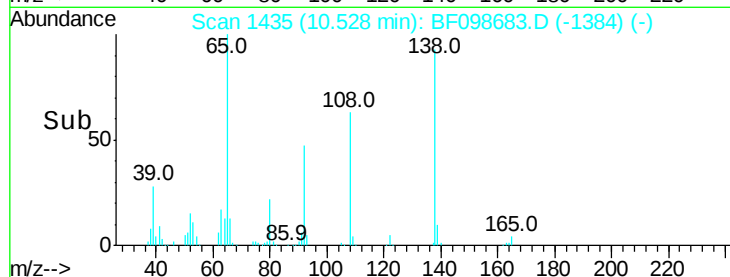
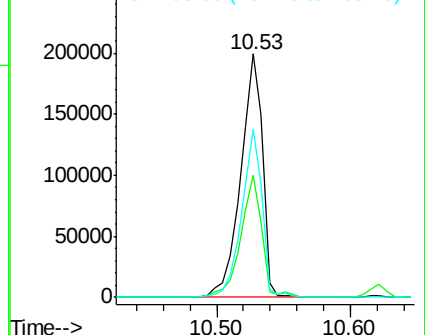
108 68.9 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.508 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

Tgt Ion: 77 Resp: 820728

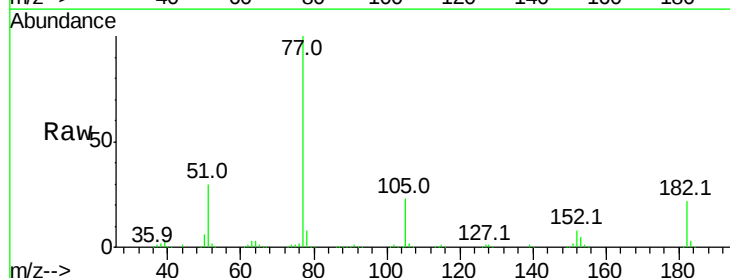
Ion Ratio Lower Upper

77 100

182 22.2 1.7 41.7

105 23.3 3.0 43.0

51 29.5 9.9 49.9

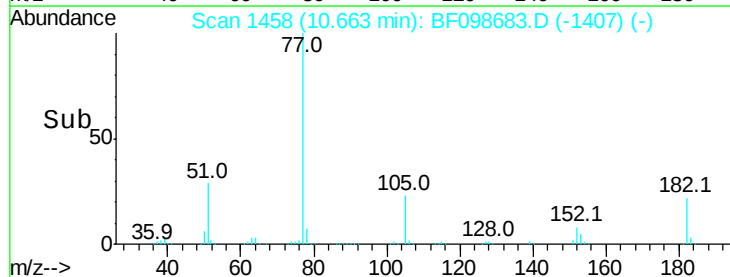
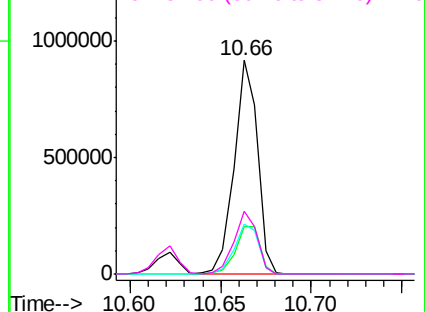


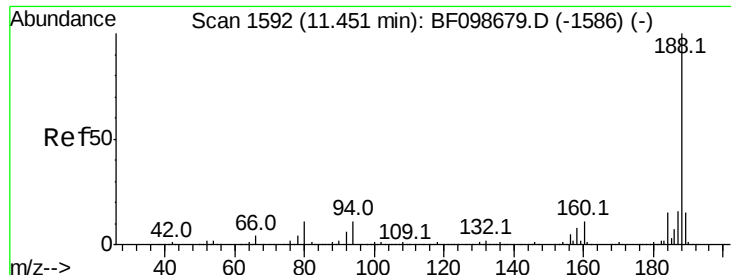
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

Instrument :

BNA_F

ClientSampleId :

ICVBF092117

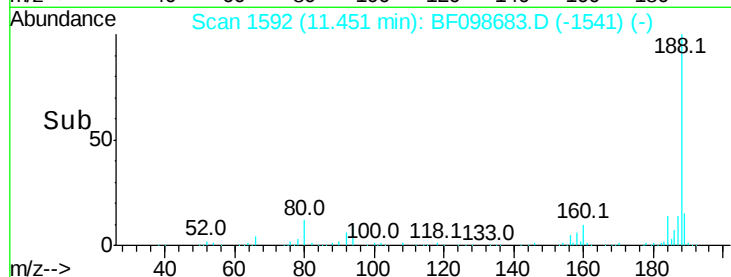
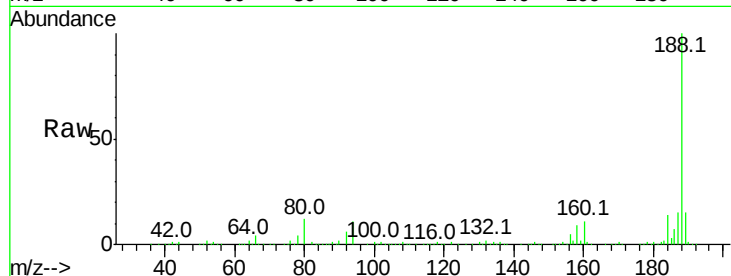
Tot Ion:188 Resp: 532533

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

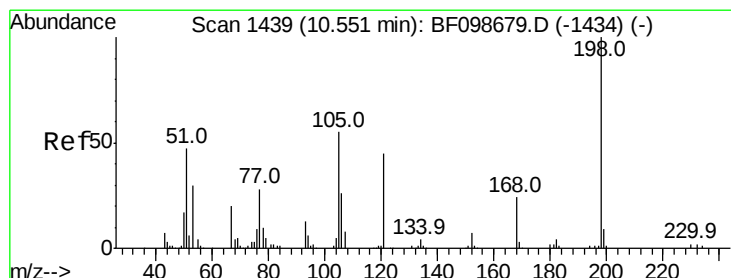
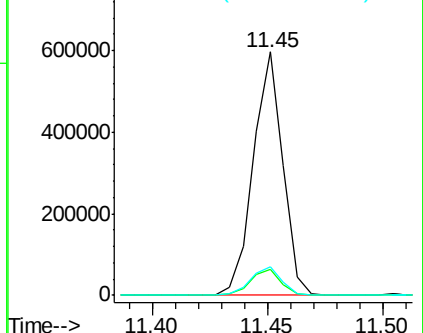
80 11.8 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 41.836 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

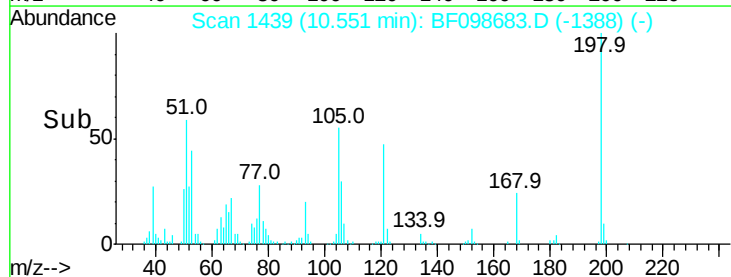
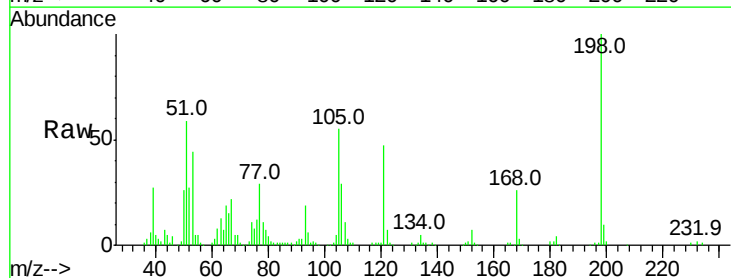
Tgt Ion:198 Resp: 107358

Ion Ratio Lower Upper

198 100

51 58.9 37.7 77.7

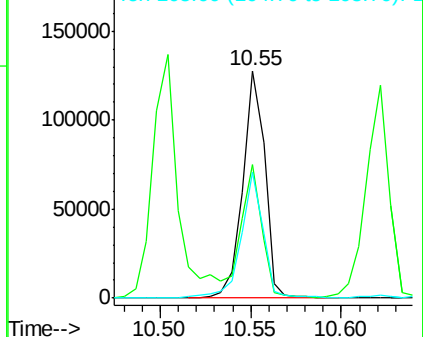
105 55.4 36.3 76.3

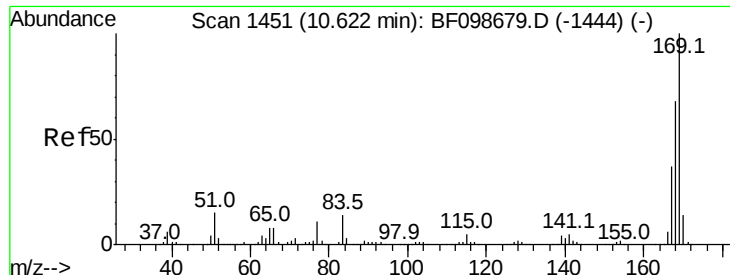


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

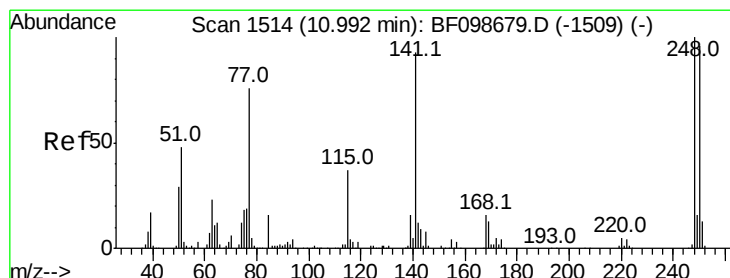
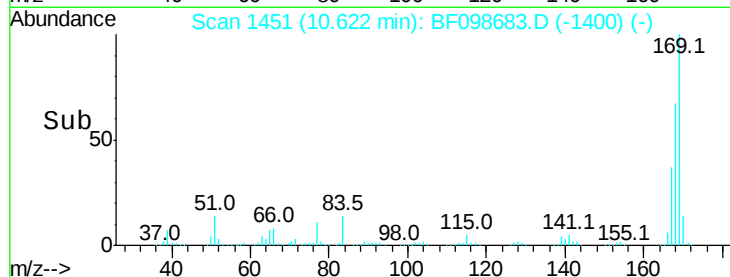
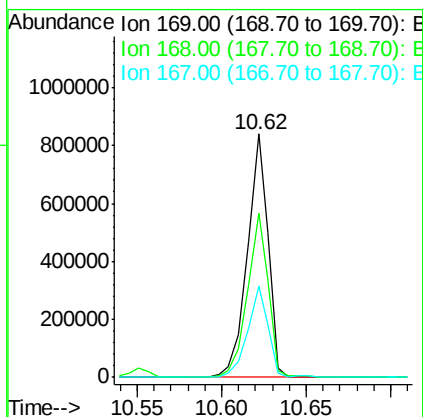
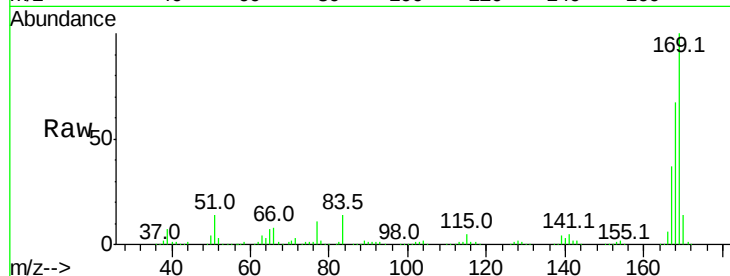




#65
 n-Nitrosodiphenylamine
 Concen: 39.336 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF098683.D
 Acq: 22 Sep 2017 4:51

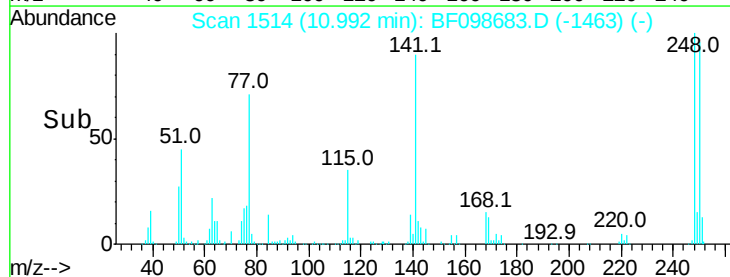
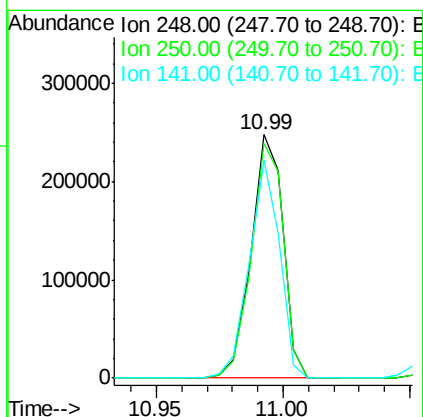
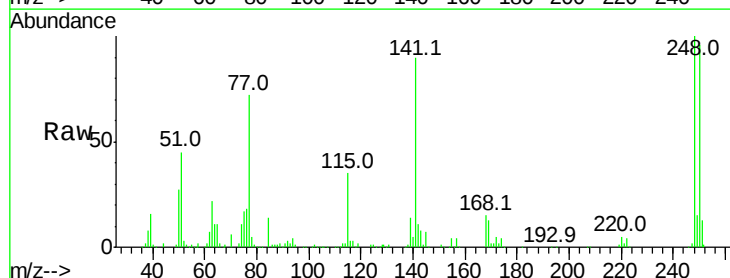
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092117

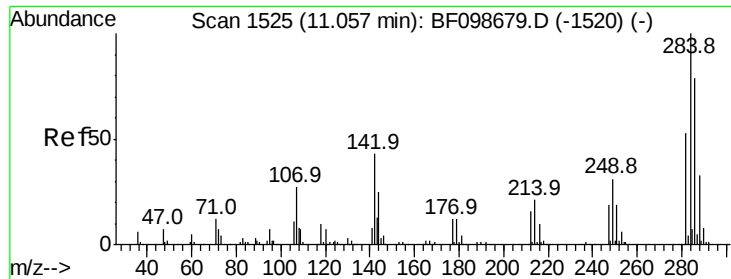
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.3	54.4	81.6
167	37.5	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 40.467 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: BF098683.D
 Acq: 22 Sep 2017 4:51

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.5	76.9	115.3
141	89.5	74.4	111.6

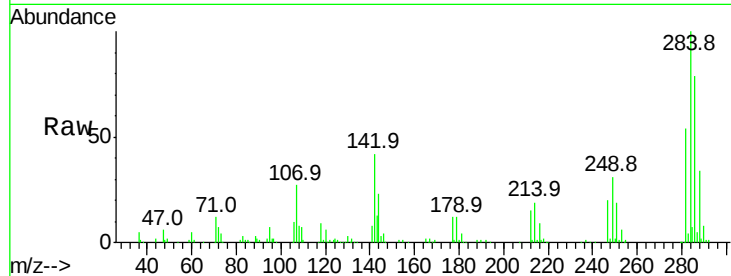




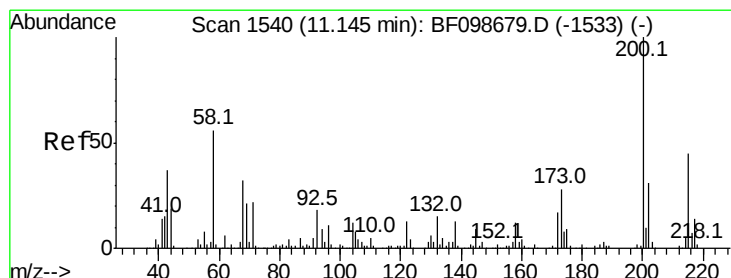
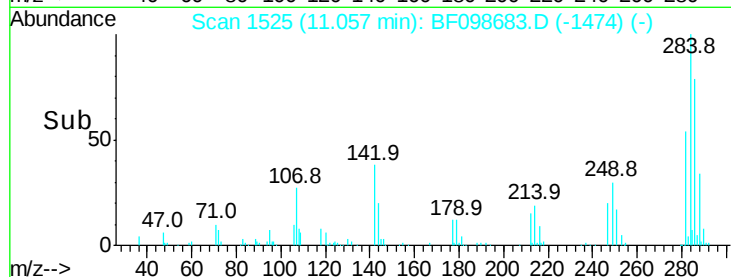
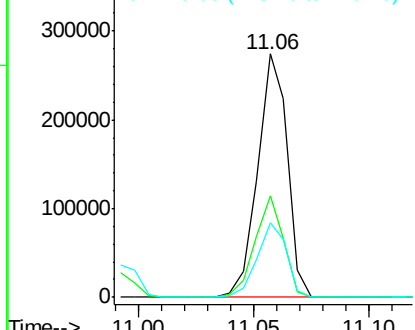
#67
Hexachlorobenzene
Concen: 40.095 ng
RT: 11.06 min Scan# 1525
Delta R.T. 0.00 min
Lab File: BF098683.D
Acq: 22 Sep 2017 4:51

Instrument :
BNA_F
ClientSampleId :
ICVBF092117

Tot Ion	Ratio	Lower	Upper
284	100		
142	41.8	34.6	52.0
249	30.8	24.8	37.2

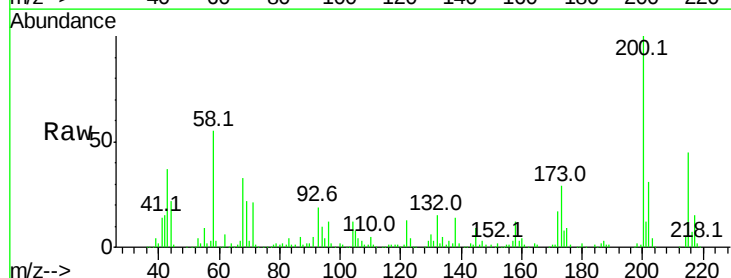


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

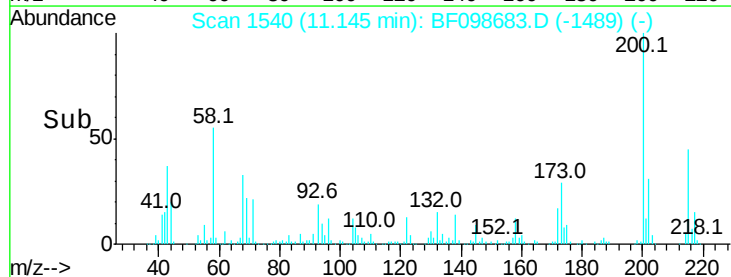
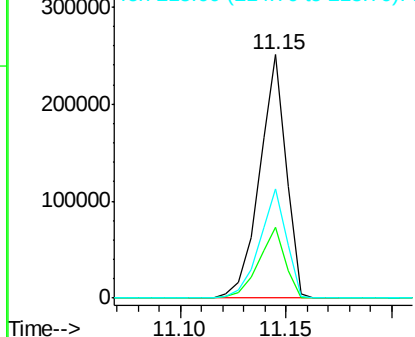


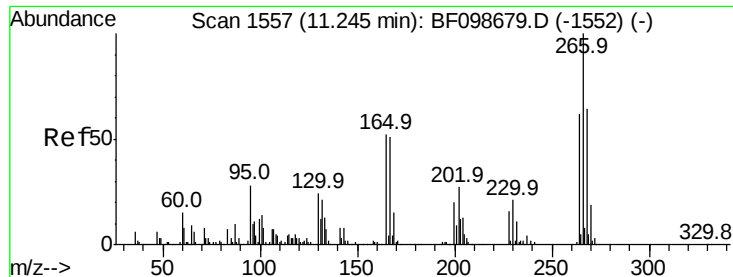
#68
Atrazine
Concen: 39.584 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BF098683.D
Acq: 22 Sep 2017 4:51

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.3	8.6	48.6
215	44.8	25.1	65.1



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





#69

Pentachlorophenol

Concen: 44.378 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

Instrument :

BNA_F

ClientSampleId :

ICVBF092117

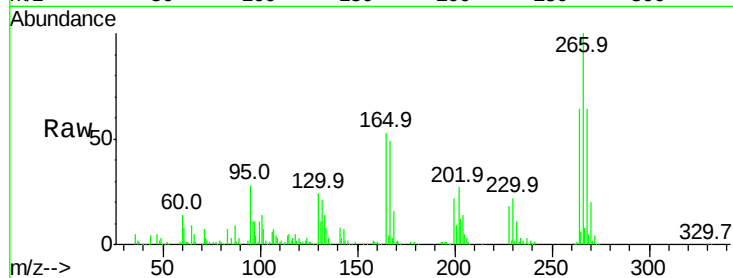
Tot Ion:266 Resp: 155414

Ion Ratio Lower Upper

266 100

268 63.5 51.1 76.7

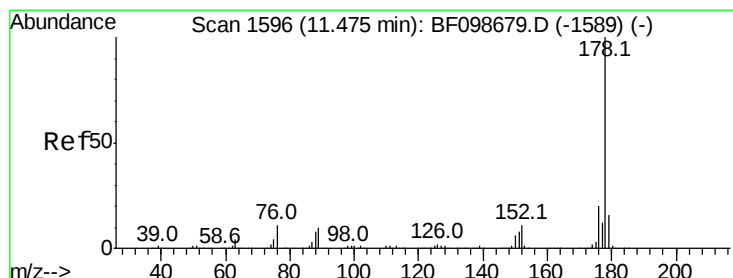
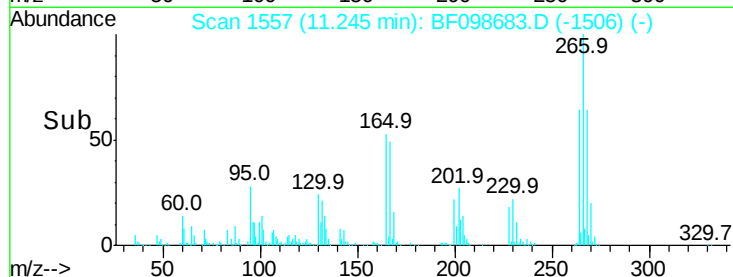
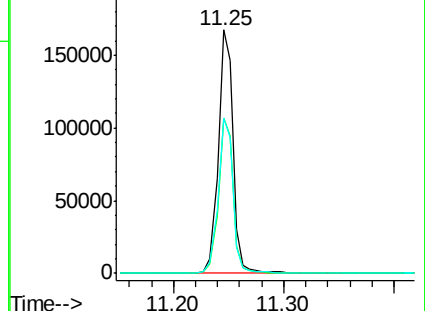
264 63.8 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 39.054 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

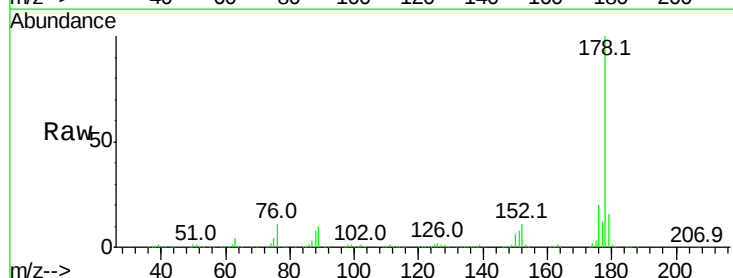
Tgt Ion:178 Resp: 1128221

Ion Ratio Lower Upper

178 100

176 20.3 15.8 23.8

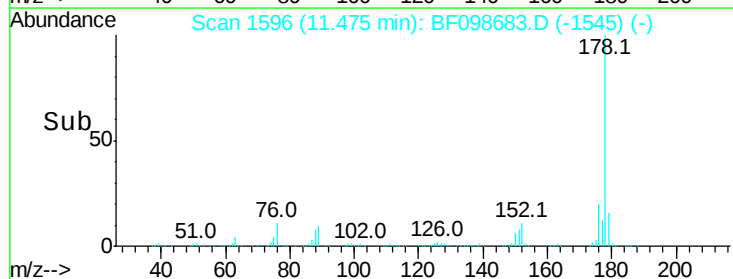
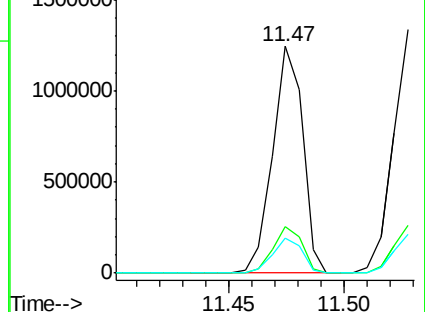
179 15.7 13.0 19.6

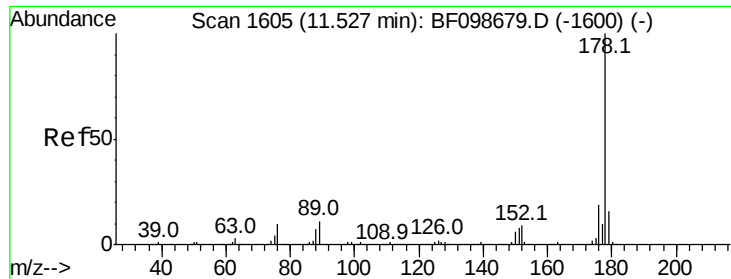


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 39.050 ng

RT: 11.53 min Scan# 1605

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

Instrument :

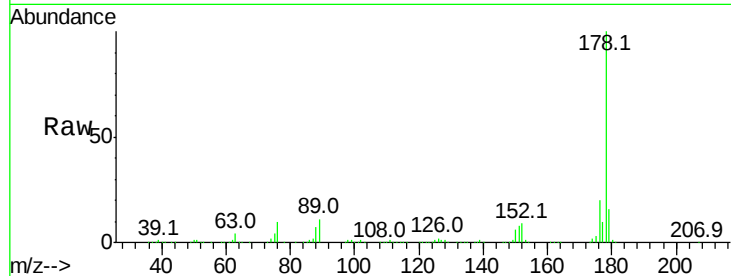
BNA_F

ClientSampleId :

ICVBF092117

Tot Ion:178 Resp: 1150257

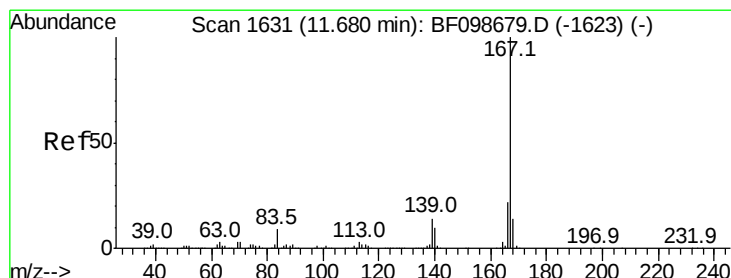
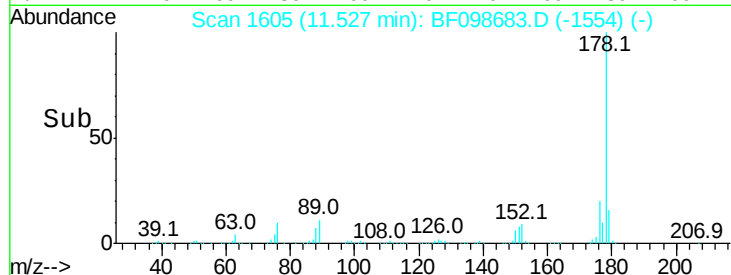
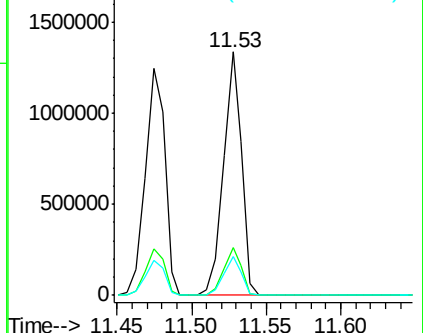
Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	15.9	12.6	19.0



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

Carbazole

Concen: 39.074 ng

RT: 11.68 min Scan# 1631

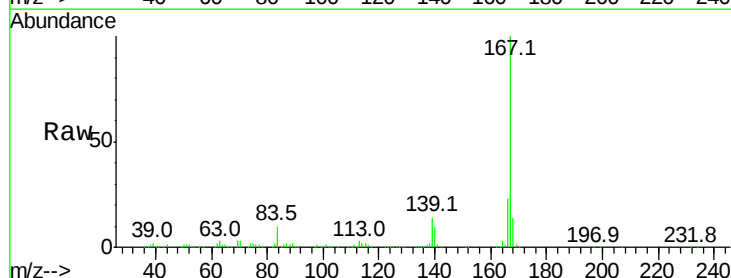
Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

Tgt Ion:167 Resp: 1124633

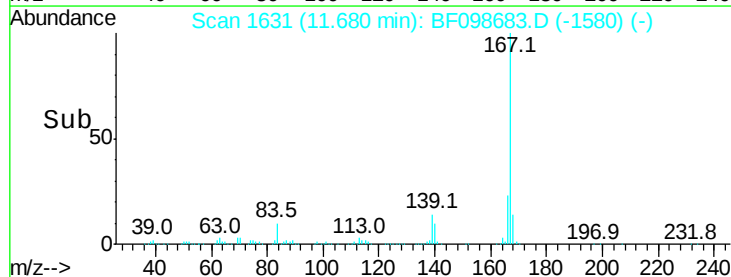
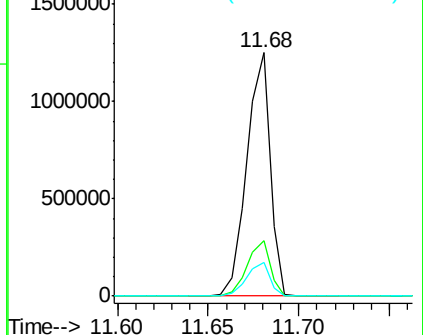
Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.6	26.4
139	13.7	10.9	16.3

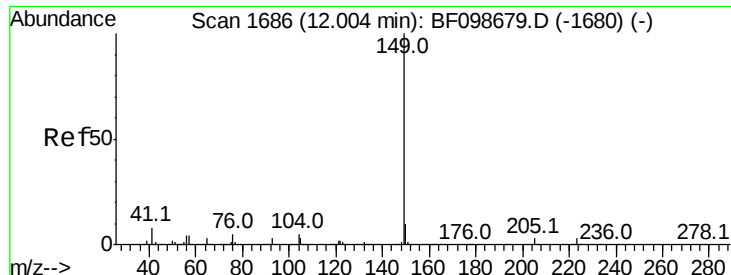


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

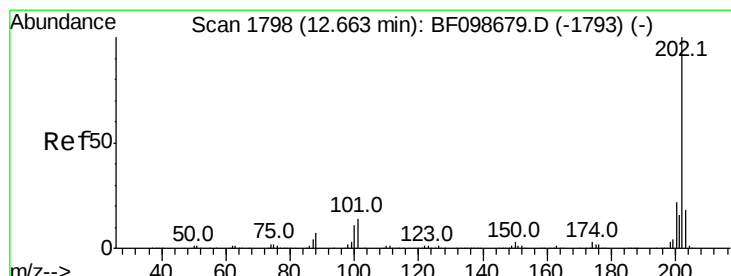
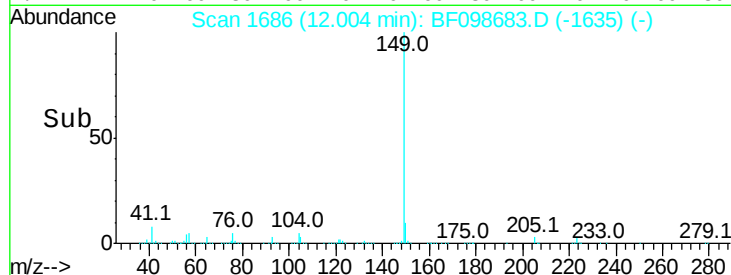
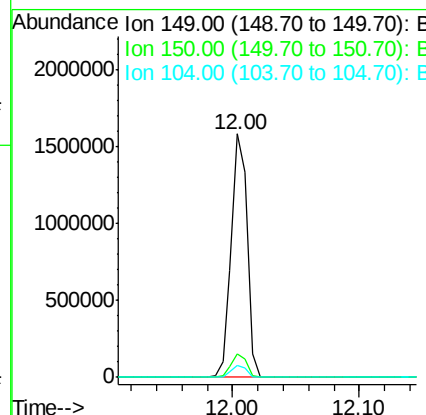
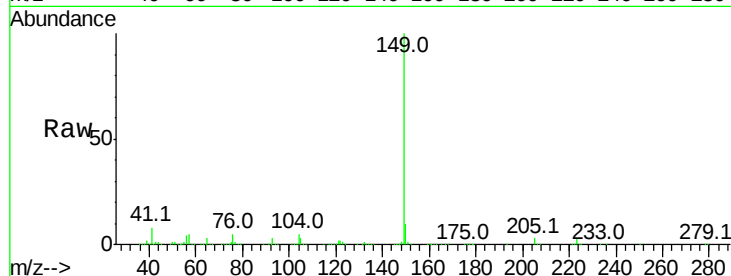




#73
Di-n-butylphthalate
Concen: 41.148 ng
RT: 12.00 min Scan# 1686
Delta R.T. 0.00 min
Lab File: BF098683.D
Acq: 22 Sep 2017 4:51

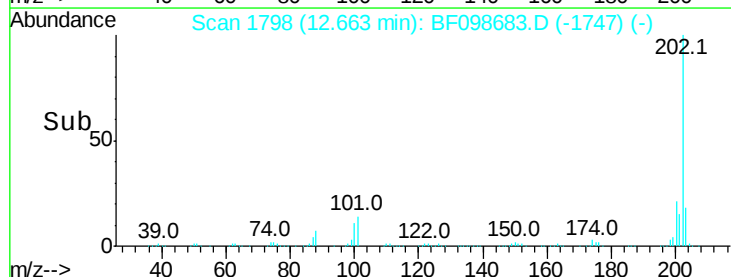
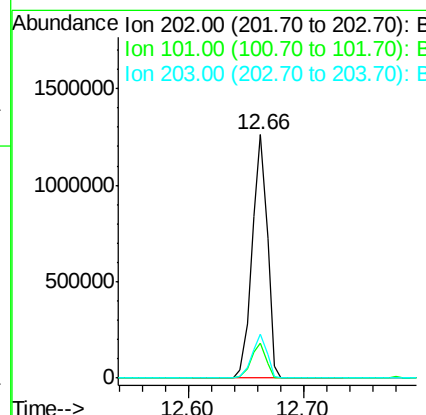
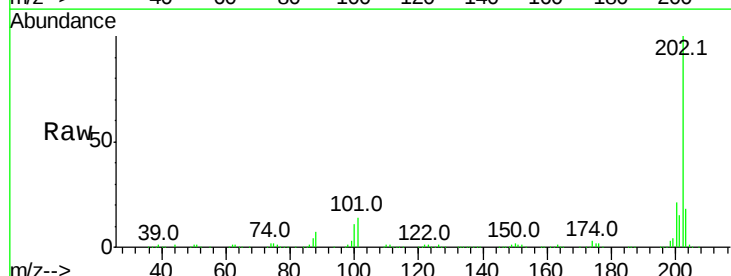
Instrument :
BNA_F
ClientSampleId :
ICVBF092117

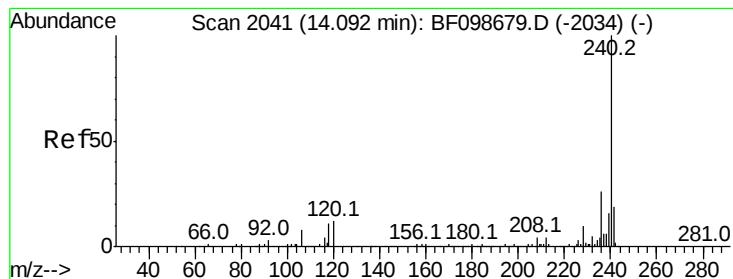
Tot Ion:149 Resp: 1375629
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 4.8 3.8 5.8



#74
Fluoranthene
Concen: 39.513 ng
RT: 12.66 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BF098683.D
Acq: 22 Sep 2017 4:51

Tgt Ion:202 Resp: 1137584
Ion Ratio Lower Upper
202 100
101 14.3 0.0 34.1
203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2041

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

Instrument :

BNA_F

ClientSampleId :

ICVBF092117

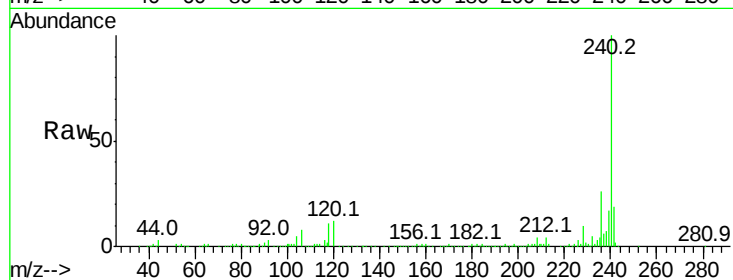
Tot Ion:240 Resp: 404303

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

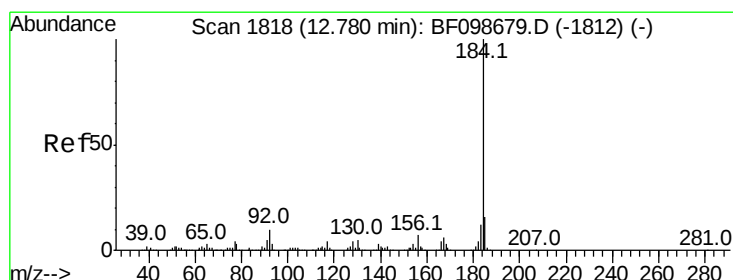
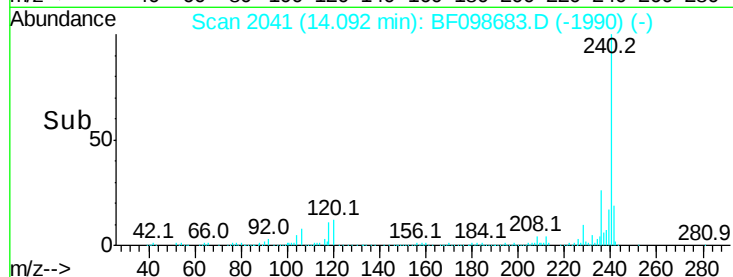
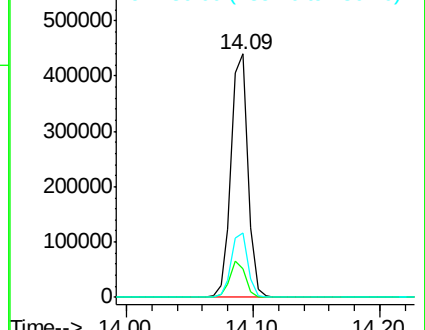
236 26.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.499 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

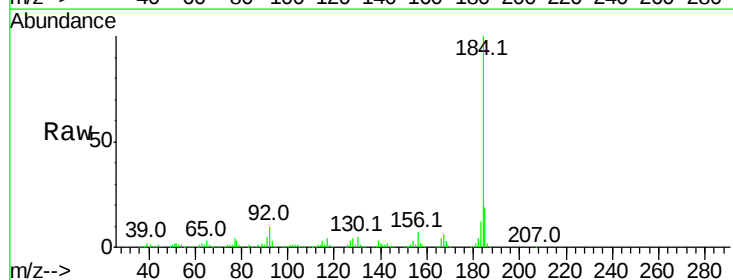
Tgt Ion:184 Resp: 599220

Ion Ratio Lower Upper

184 100

185 18.9 12.6 18.8#

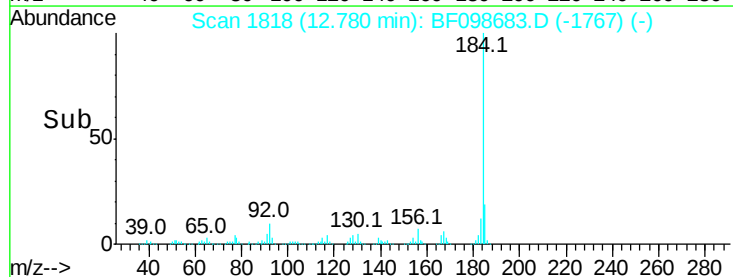
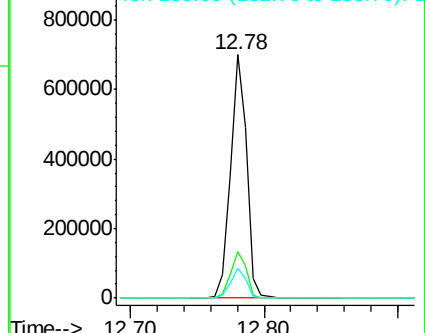
183 12.1 9.3 13.9

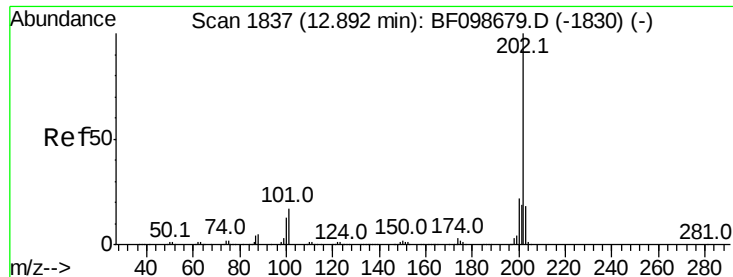


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.435 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

Instrument :

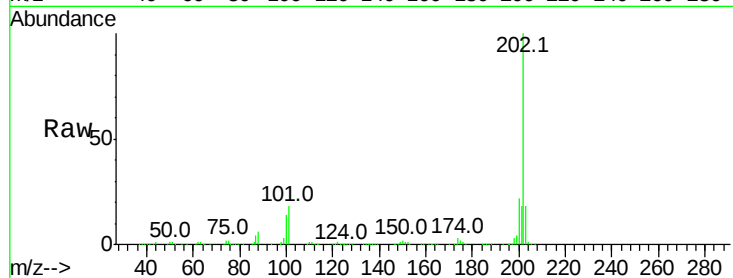
BNA_F

ClientSampleId :

ICVBF092117

Tot Ion:202 Resp: 1183677

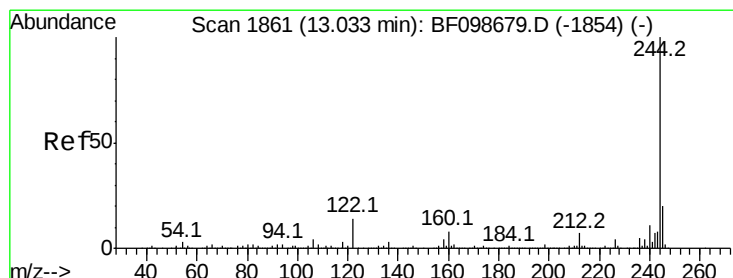
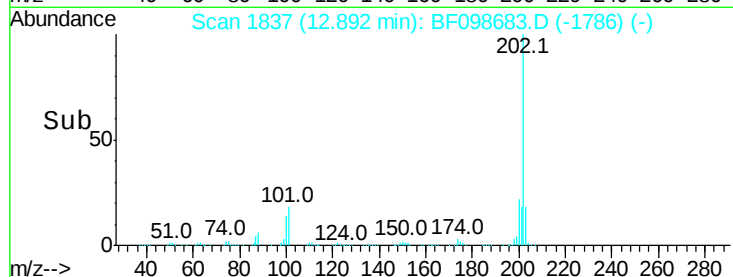
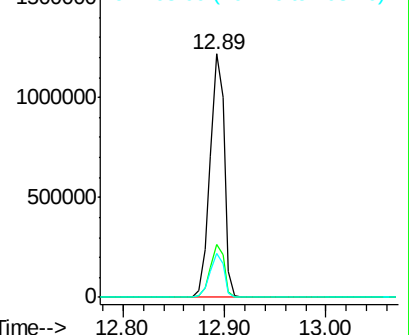
Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.0	14.3	21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.858 ng

RT: 13.03 min Scan# 1861

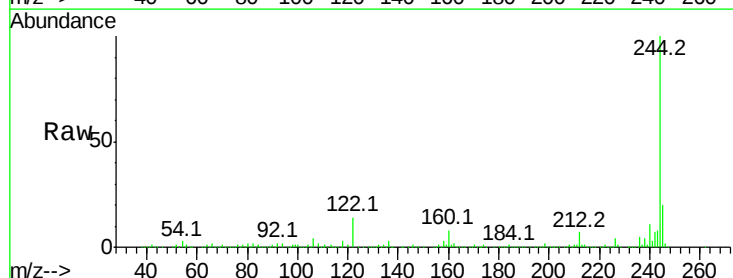
Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

Tgt Ion:244 Resp: 1447161

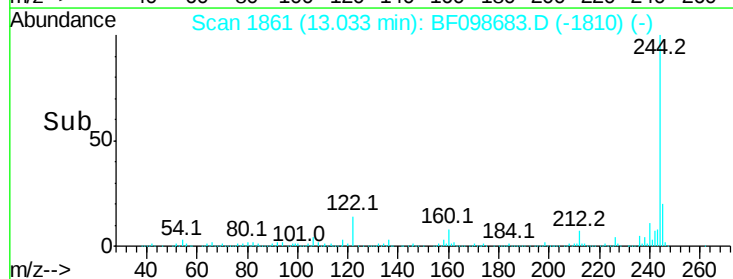
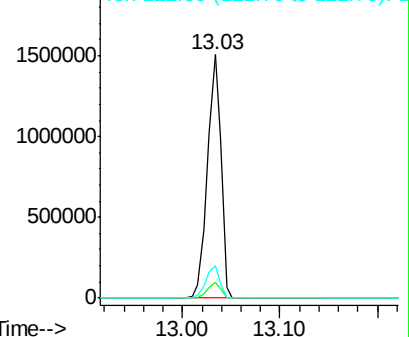
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.5	11.0	16.4

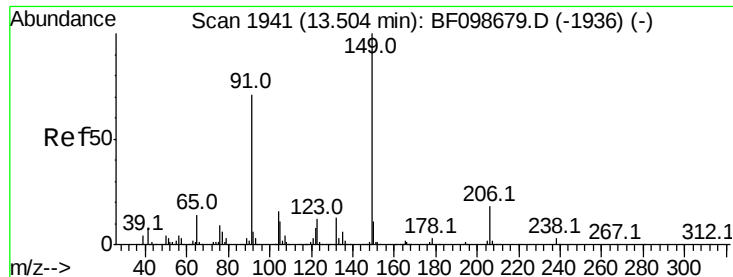


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

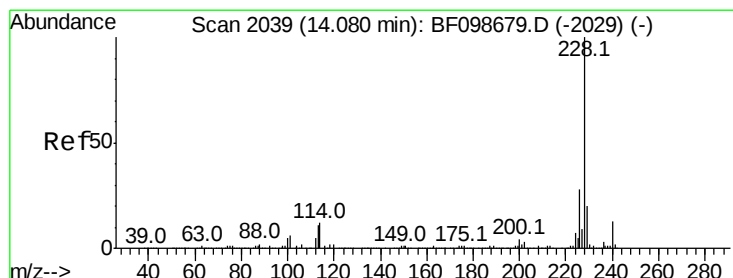
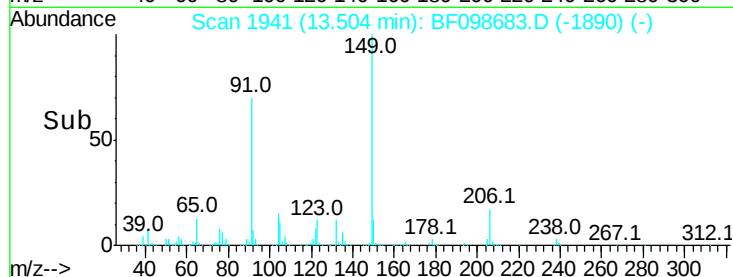
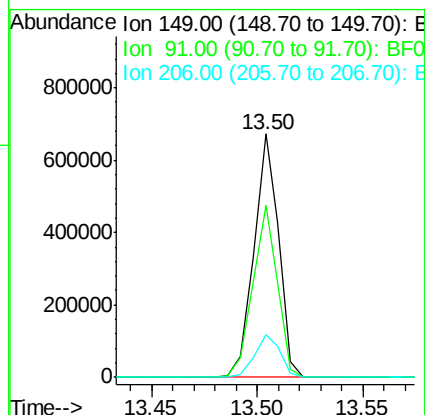
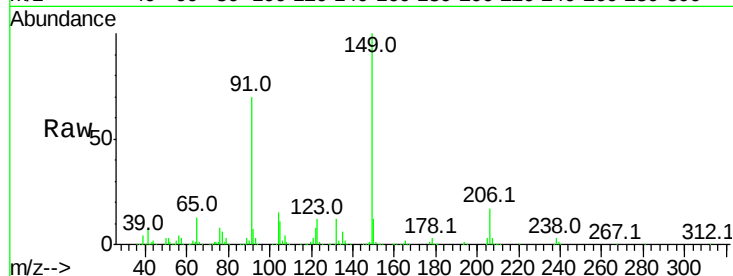




#79
Butylbenzylphthalate
Concen: 43.909 ng
RT: 13.50 min Scan# 1941
Delta R.T. 0.00 min
Lab File: BF098683.D
Acq: 22 Sep 2017 4:51

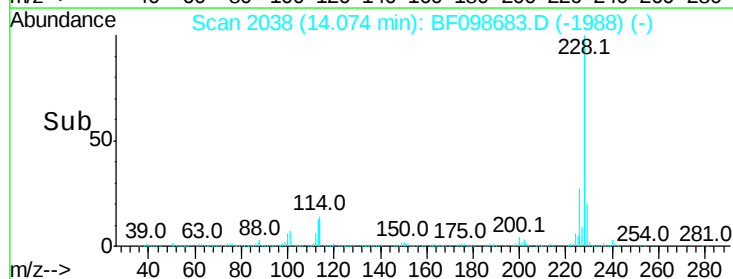
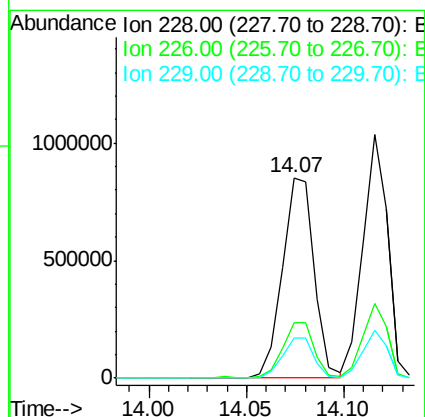
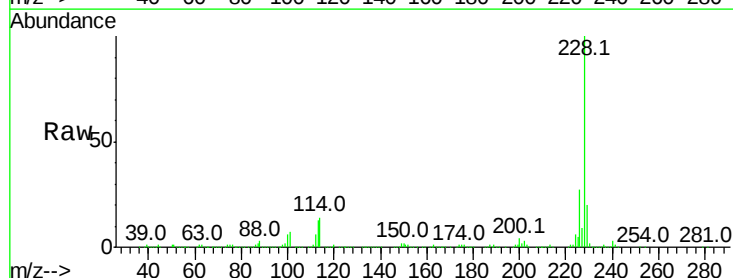
Instrument :
BNA_F
ClientSampleId :
ICVBF092117

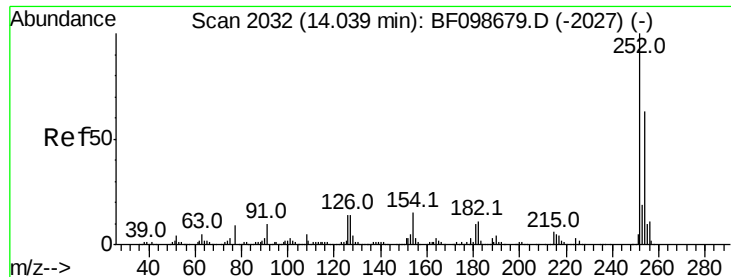
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.4	56.8	85.2
206	17.5	14.1	21.1



#80
Benzo(a)anthracene
Concen: 39.358 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098683.D
Acq: 22 Sep 2017 4:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	20.0	15.8	23.6

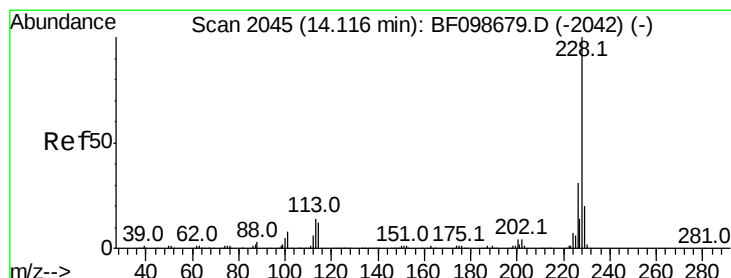
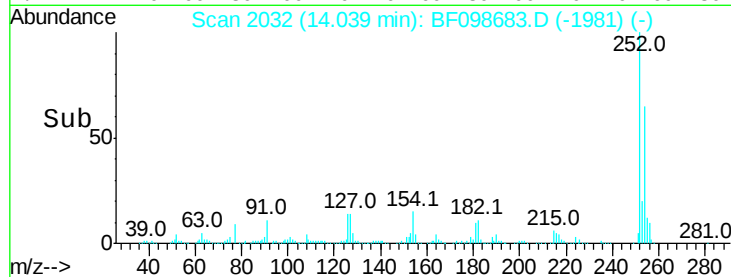
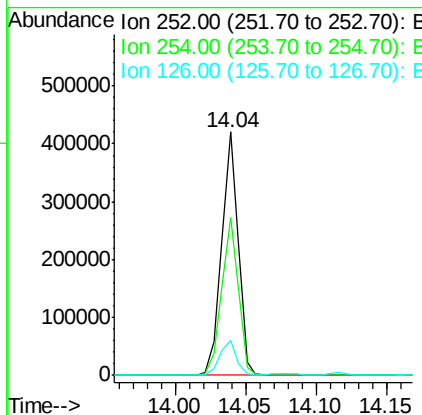




#81
 3,3'-Dichlorobenzidine
 Concen: 39.625 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BF098683.D
 Acq: 22 Sep 2017 4:51

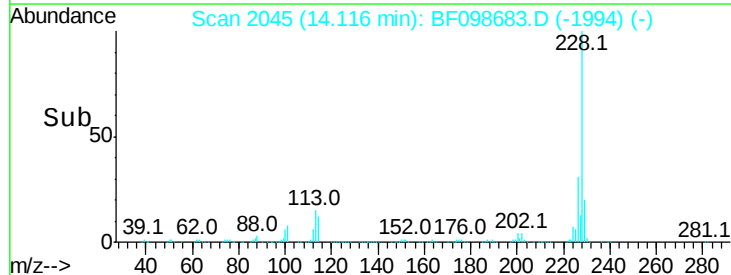
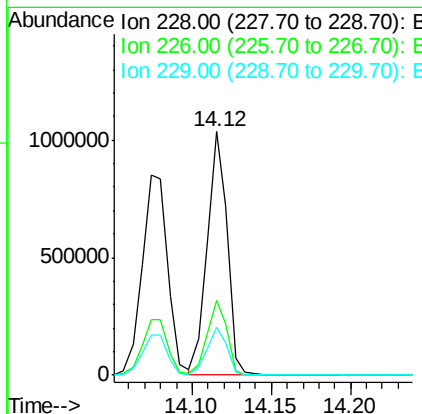
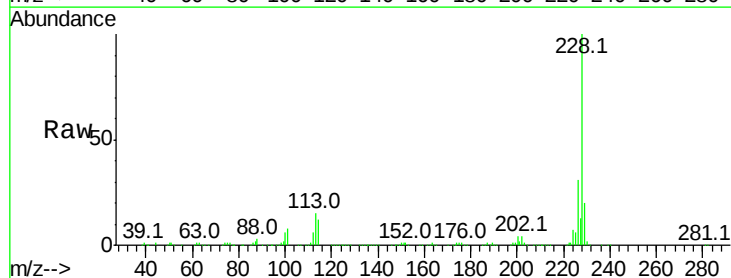
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092117

Tot Ion:252 Resp: 344360
 Ion Ratio Lower Upper
 252 100
 254 64.7 50.4 75.6
 126 14.1 11.3 16.9



#82
 Chrysene
 Concen: 38.853 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: BF098683.D
 Acq: 22 Sep 2017 4:51

Tgt Ion:228 Resp: 913756
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.0 37.6
 229 19.8 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.377 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

Instrument :

BNA_F

ClientSampleId :

ICVBF092117

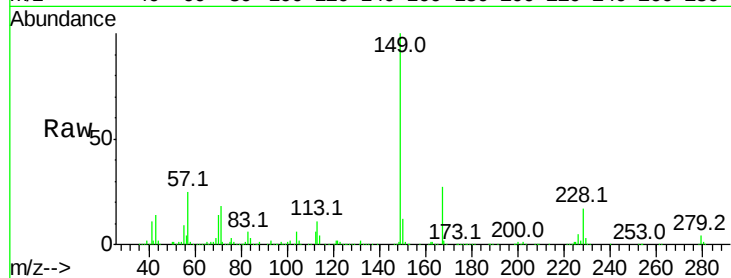
Tot Ion:149 Resp: 727890

Ion Ratio Lower Upper

149 100

167 27.3 21.3 31.9

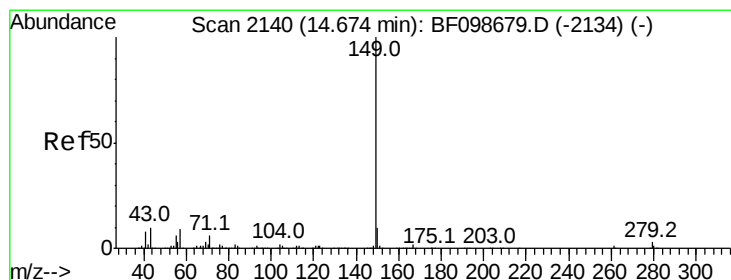
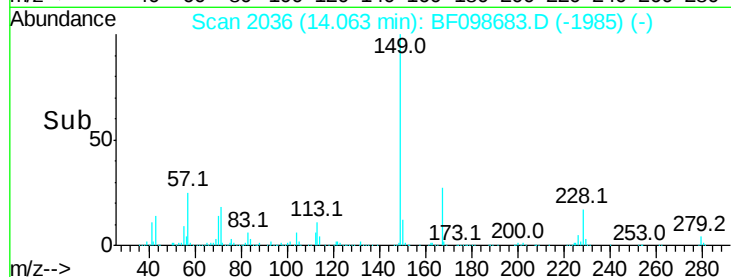
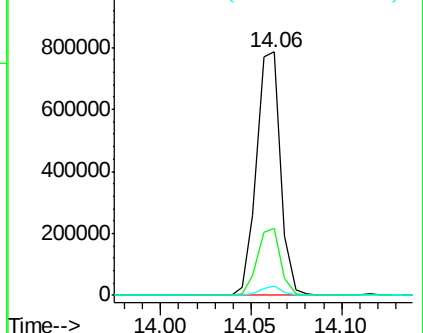
279 3.7 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.705 ng

RT: 14.67 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

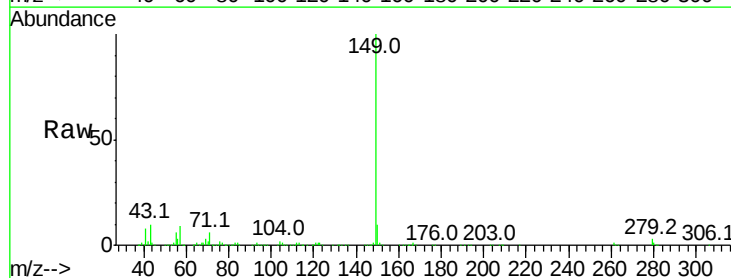
Tgt Ion:149 Resp: 1127433

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

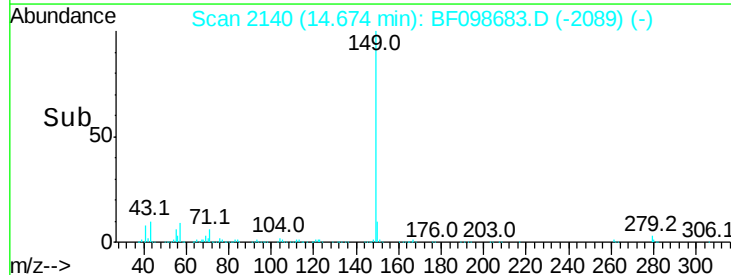
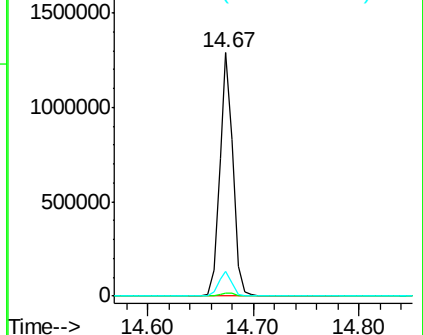
43 10.4 8.4 12.6

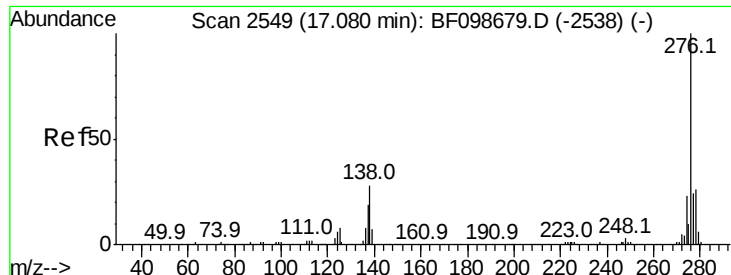


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

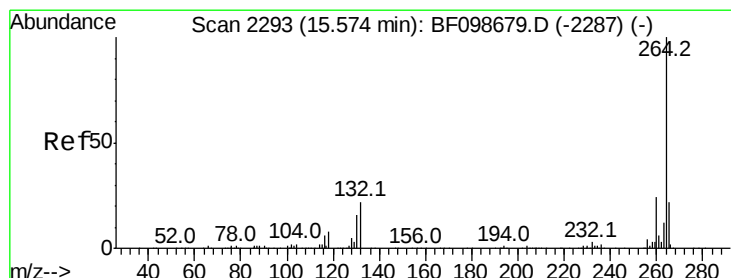
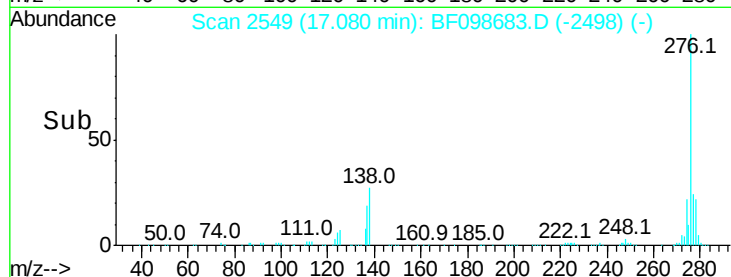
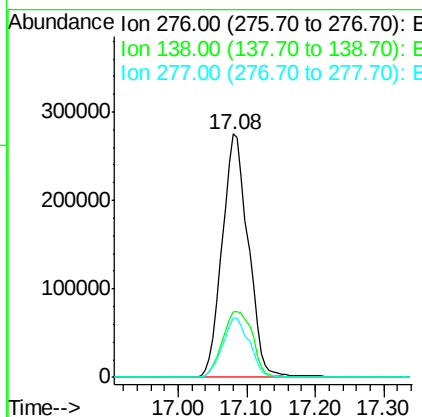
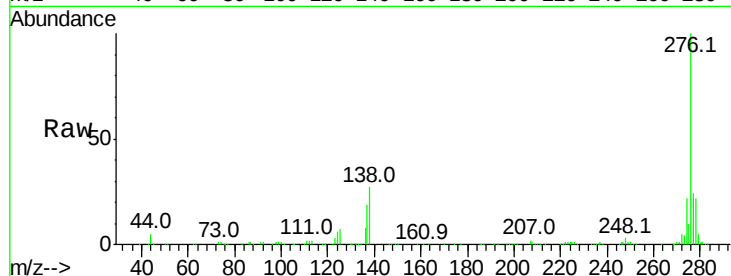




#85
Indeno(1,2,3-cd)pyrene
Concen: 40.018 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.00 min
Lab File: BF098683.D
Acq: 22 Sep 2017 4:51

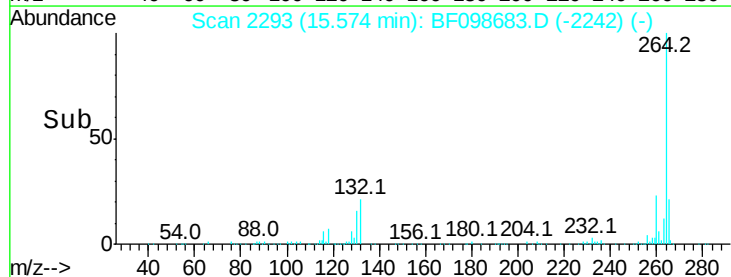
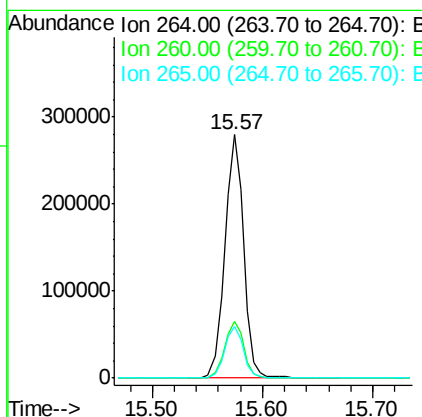
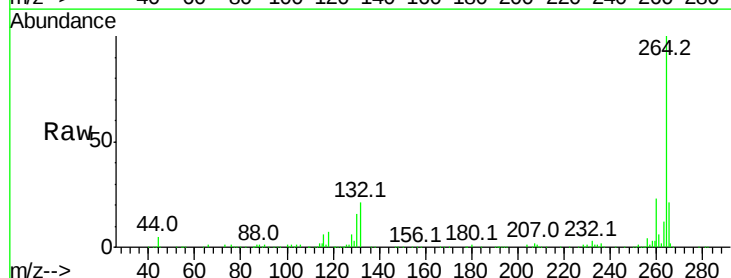
Instrument :
BNA_F
ClientSampleId :
ICVBF092117

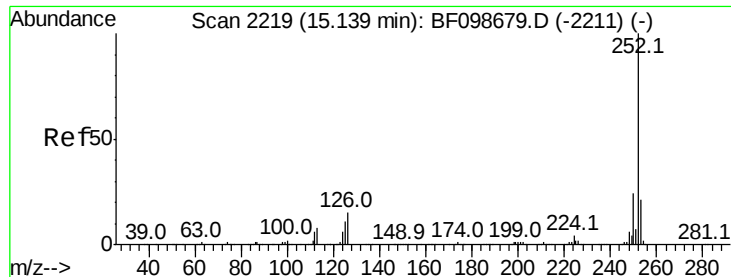
Tot Ion	Ratio	Lower	Upper
276	100		
138	31.1	25.0	37.6
277	25.0	20.1	30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BF098683.D
Acq: 22 Sep 2017 4:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 39.607 ng

RT: 15.14 min Scan# 2219

Delta R.T. 0.00 min

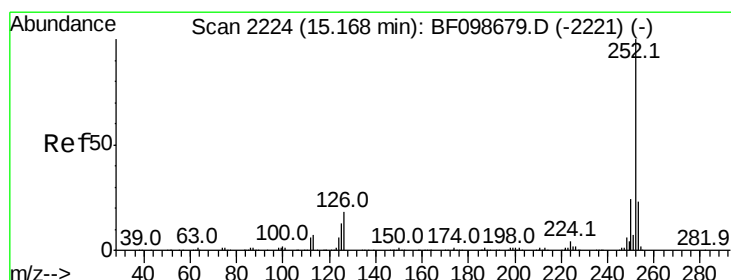
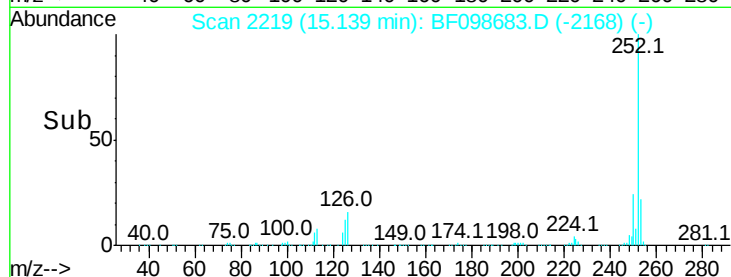
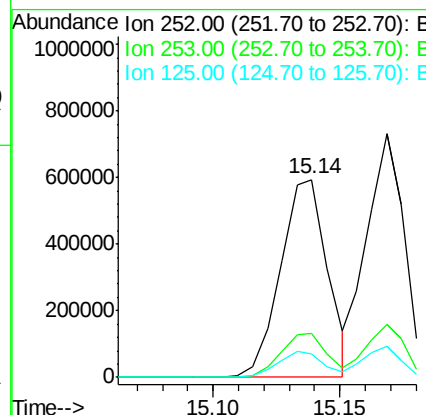
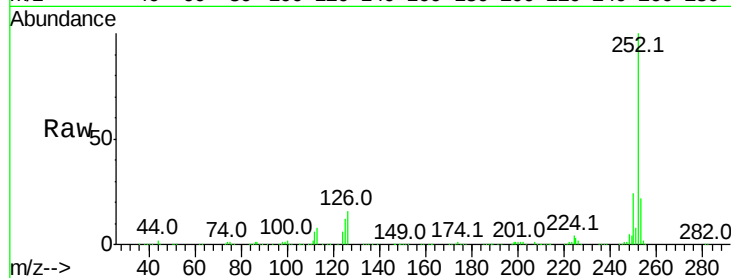
Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

Instrument :
BNA_F
ClientSampleId :
ICVBF092117

Tot Ion:252 Resp: 765669

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	11.9	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 40.199 ng

RT: 15.17 min Scan# 2224

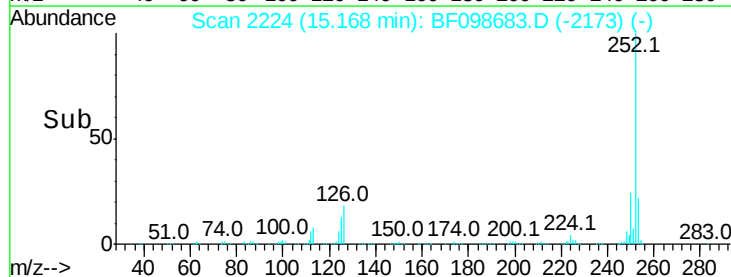
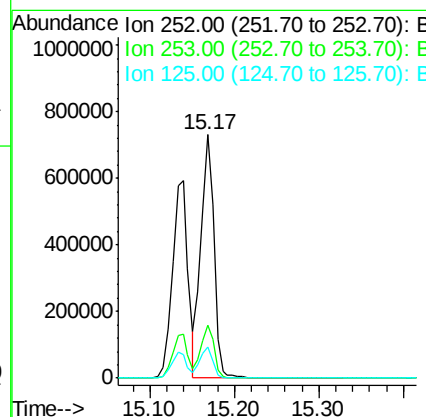
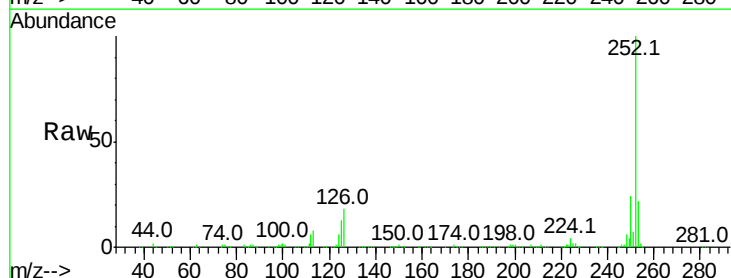
Delta R.T. 0.00 min

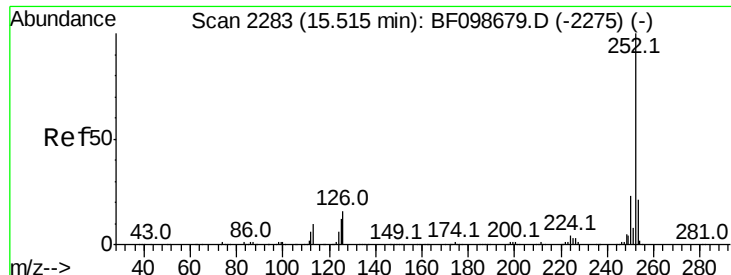
Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

Tgt Ion:252 Resp: 776571

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	12.7	10.2	15.2

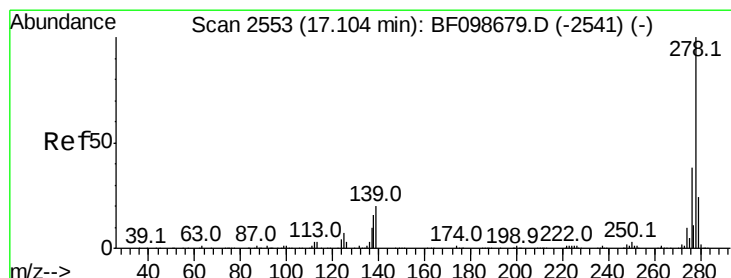
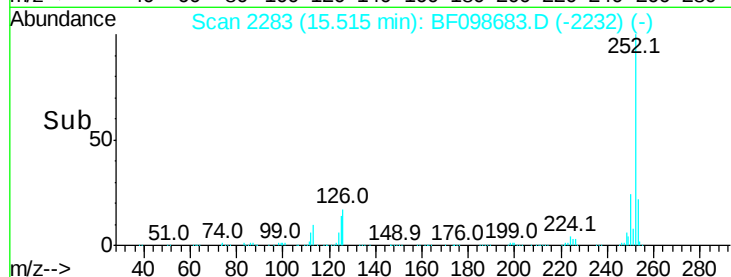
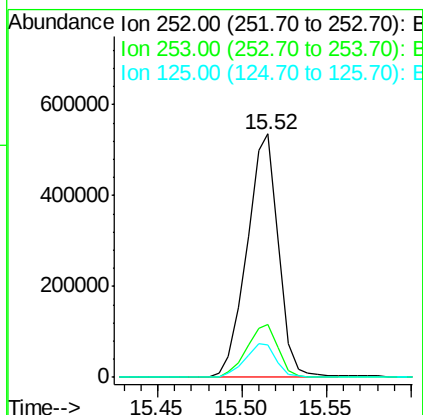
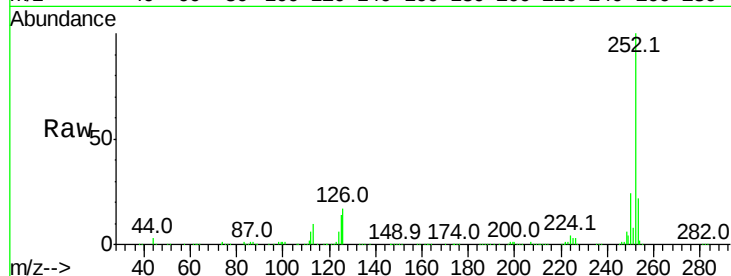




#89
Benzo(a)pyrene
Concen: 39.628 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF098683.D
Acq: 22 Sep 2017 4:51

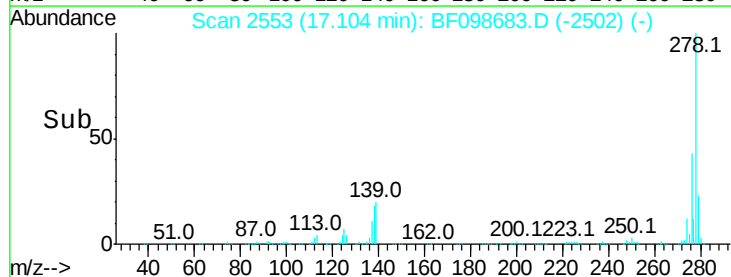
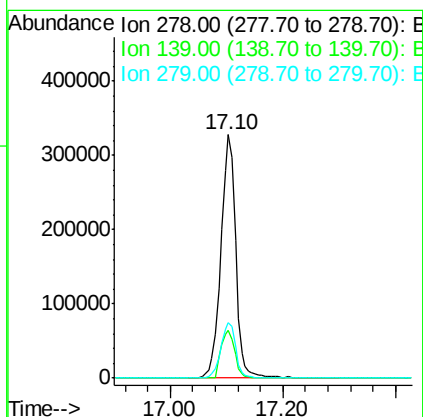
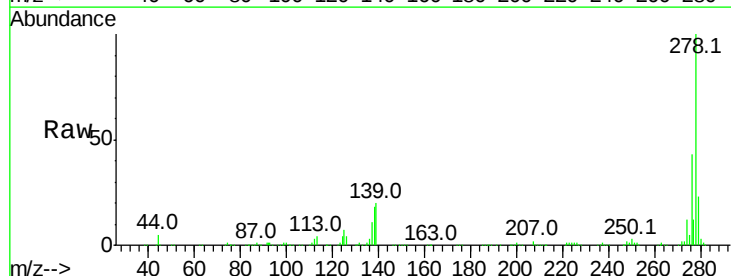
Instrument :
BNA_F
ClientSampleId :
ICVBF092117

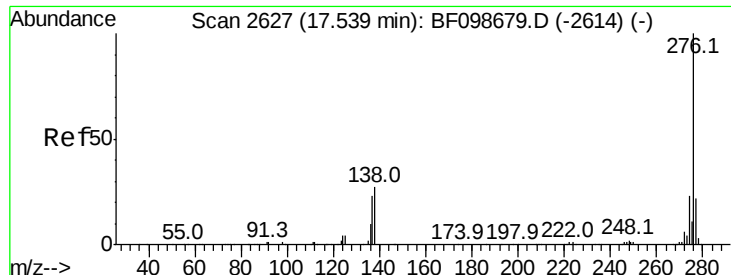
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	13.6	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 40.553 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.00 min
Lab File: BF098683.D
Acq: 22 Sep 2017 4:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.7	15.9	23.9
279	22.9	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 39.418 ng

RT: 17.54 min Scan# 2628

Delta R.T. 0.01 min

Lab File: BF098683.D

Acq: 22 Sep 2017 4:51

Instrument :

BNA_F

ClientSampleId :

ICVBF092117

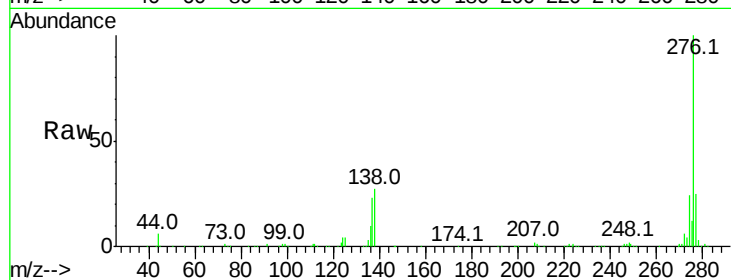
Tot Ion: 276 Resp: 588335

Ion Ratio Lower Upper

276 100

277 24.6 17.9 26.9

138 27.1 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

