

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098852.D
 Acq On : 27 Sep 2017 10:00
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 28 01:45:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	153604	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	639987	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	297112	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	530040	20.00	ng	0.00
75) Chrysene-d12	14.08	240	399295	20.00	ng	0.00
86) Perylene-d12	15.57	264	341258	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	774735	80.29	ng	-0.01
7) Phenol-d6	6.54	99	947335	79.59	ng	0.00
23) Nitrobenzene-d5	7.48	82	799146	80.08	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	204310	84.04	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1406249	79.01	ng	0.00
78) Terphenyl-d14	13.03	244	1371231	78.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	180075	39.068	ng	97
3) Pyridine	3.49	79	476913	38.248	ng	97
4) n-Nitrosodimethylamine	3.45	42	197041	37.266	ng	89
6) Aniline	6.58	93	621148	38.664	ng	100
8) 2-Chlorophenol	6.70	128	430255	39.375	ng	94
9) Benzaldehyde	6.47	77	254579	36.870	ng	96
10) Phenol	6.56	94	525238	39.455	ng	94
11) bis(2-Chloroethyl)ether	6.65	93	407027	39.329	ng	99
12) 1,3-Dichlorobenzene	6.86	146	449548	39.283	ng	99
13) 1,4-Dichlorobenzene	6.93	146	456009	39.165	ng	99
14) 1,2-Dichlorobenzene	7.09	146	420866	39.120	ng	99
15) Benzyl Alcohol	7.06	79	340683	39.014	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.19	45	610089	37.837	ng	99
17) 2-Methylphenol	7.16	107	346118	38.712	ng	98
18) Hexachloroethane	7.43	117	161243	38.528	ng	96
19) n-Nitroso-di-n-propylamine	7.33	70	282703	37.199	ng	97
20) 3+4-Methylphenols	7.32	107	438046	38.728	ng	92
22) Acetophenone	7.33	105	584537	37.698	ng	# 95
24) Nitrobenzene	7.50	77	444690	39.282	ng	99
25) Isophorone	7.74	82	788142	38.199	ng	99
26) 2-Nitrophenol	7.82	139	234978	43.165	ng	89
27) 2,4-Dimethylphenol	7.85	122	393625	38.288	ng	100
28) bis(2-Chloroethoxy)methane	7.95	93	500850	38.952	ng	99
29) 2,4-Dichlorophenol	8.05	162	350723	39.735	ng	98
30) 1,2,4-Trichlorobenzene	8.14	180	349778	39.621	ng	99
31) Naphthalene	8.22	128	1170225	38.933	ng	99
32) Benzoic acid	7.97	122	347644	41.167	ng	98
33) 4-Chloroaniline	8.27	127	499096	39.762	ng	96
34) Hexachlorobutadiene	8.33	225	177039	38.935	ng	99
35) Caprolactam	8.65	113	115173	40.678	ng	88
36) 4-Chloro-3-methylphenol	8.75	107	392551	39.567	ng	93
37) 2-Methylnaphthalene	8.91	142	766818	39.243	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	348456	39.326	ng	99
40) Hexachlorocyclopentadiene	9.06	237	148264	36.614	ng	97

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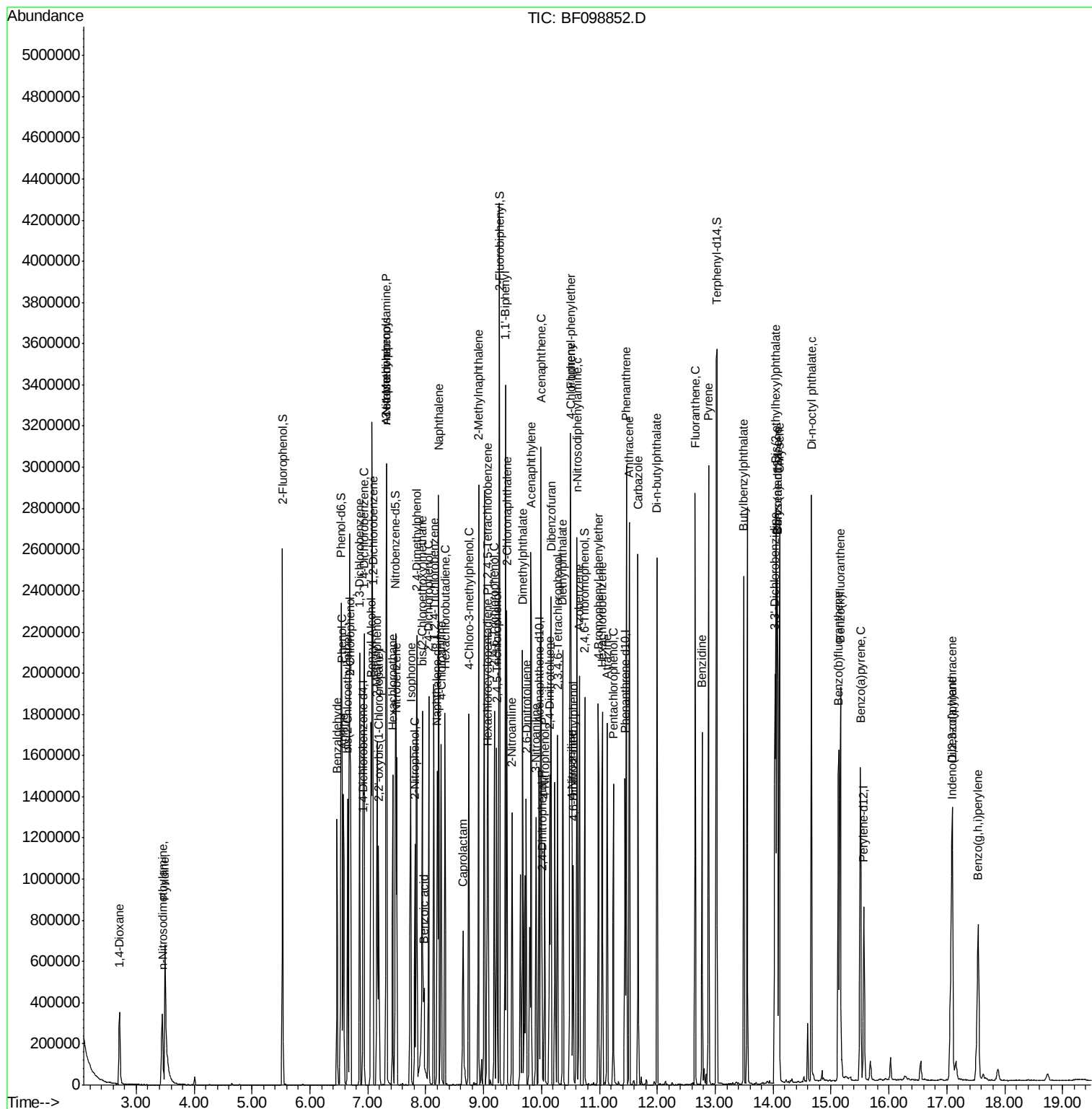
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	248083	39.521	ng	100
43) 2,4,5-Trichlorophenol	9.22	196	250618	39.995	ng	99
45) 1,1'-Biphenyl	9.37	154	980480	38.397	ng	99
46) 2-Chloronaphthalene	9.40	162	743178	38.763	ng	97
47) 2-Nitroaniline	9.49	65	234329	39.916	ng	98
48) Acenaphthylene	9.82	152	1136239	38.714	ng	99
49) Dimethylphthalate	9.67	163	882099	39.337	ng	100
50) 2,6-Dinitrotoluene	9.74	165	201078	41.188	ng	# 86
51) Acenaphthene	9.99	154	724539	38.972	ng	99
52) 3-Nitroaniline	9.91	138	234574	41.209	ng	92
53) 2,4-Dinitrophenol	10.01	184	93089	39.785	ng	94
54) Dibenzofuran	10.16	168	967517	39.086	ng	99
55) 4-Nitrophenol	10.06	139	195161	40.546	ng	94
56) 2,4-Dinitrotoluene	10.14	165	264003	41.668	ng	94
57) Fluorene	10.50	166	777801	39.093	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.27	232	174685	40.355	ng	99
59) Diethylphthalate	10.37	149	863643	39.414	ng	99
60) 4-Chlorophenyl-phenylether	10.49	204	346270	38.744	ng	99
61) 4-Nitroaniline	10.52	138	228301	41.571	ng	96
62) Azobenzene	10.65	77	771698	38.303	ng	98
64) 4,6-Dinitro-2-methylphenol	10.55	198	134161	41.602	ng	95
65) n-Nitrosodiphenylamine	10.61	169	711778	38.763	ng	99
66) 4-Bromophenyl-phenylether	10.99	248	202573	39.045	ng	89
67) Hexachlorobenzene	11.05	284	218521	39.435	ng	96
68) Atrazine	11.13	200	212200	38.410	ng	98
69) Pentachlorophenol	11.24	266	138293	40.101	ng	97
70) Phenanthrene	11.47	178	1105296	38.958	ng	99
71) Anthracene	11.52	178	1118259	38.521	ng	100
72) Carbazole	11.67	167	1116336	39.269	ng	99
73) Di-n-butylphthalate	11.99	149	1346245	39.344	ng	100
74) Fluoranthene	12.66	202	1128477	39.280	ng	99
76) Benzidine	12.77	184	600478	40.659	ng	98
77) Pyrene	12.89	202	1178773	38.715	ng	99
79) Butylbenzylphthalate	13.49	149	574901	40.176	ng	100
80) Benzo(a)anthracene	14.07	228	943527	39.024	ng	99
81) 3,3'-Dichlorobenzidine	14.03	252	352943	39.820	ng	99
82) Chrysene	14.11	228	896840	38.961	ng	100
83) Bis(2-ethylhexyl)phthalate	14.05	149	800149	40.609	ng	99
84) Di-n-octyl phthalate	14.66	149	1330274	41.928	ng	98
85) Indeno(1,2,3-cd)pyrene	17.08	276	761348	41.347	ng	96
87) Benzo(b)fluoranthene	15.13	252	815726	38.878	ng	99
88) Benzo(k)fluoranthene	15.16	252	807882	38.983	ng	98
89) Benzo(a)pyrene	15.51	252	750838	38.985	ng	97
90) Dibenzo(a,h)anthracene	17.10	278	629820	40.861	ng	97
91) Benzo(g,h,i)perylene	17.54	276	619545	40.663	ng	95

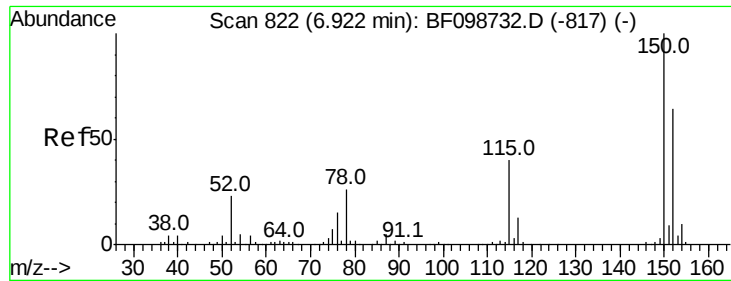
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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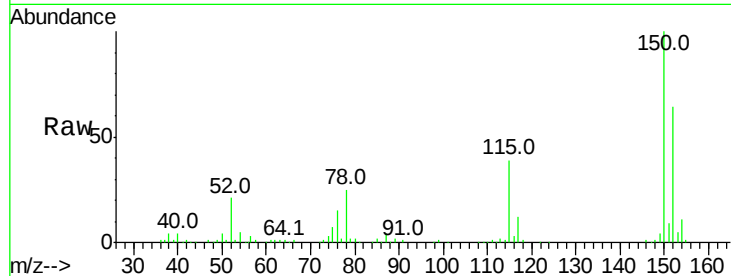


#1

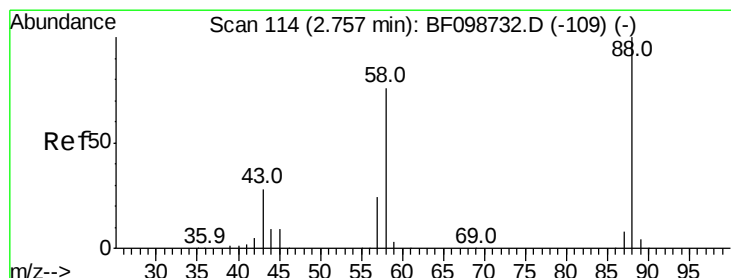
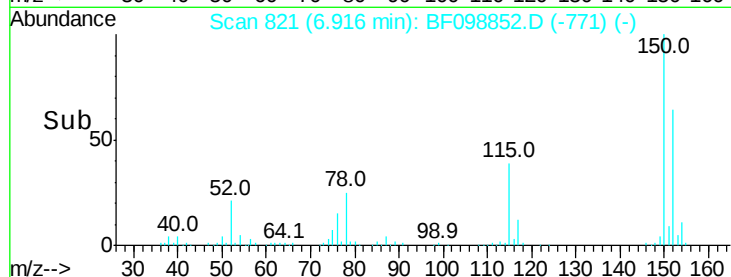
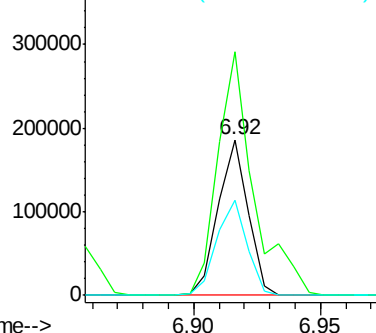
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098852.D
Acq: 27 Sep 2017 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 153604
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 60.7 50.1 75.1



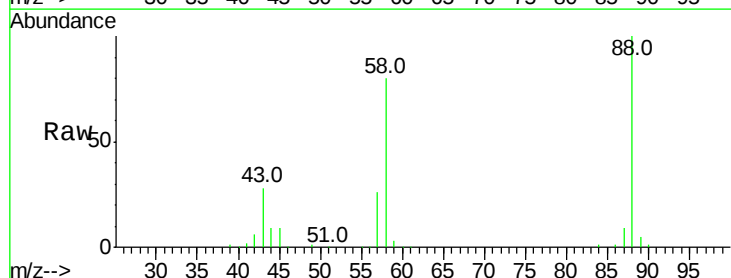
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



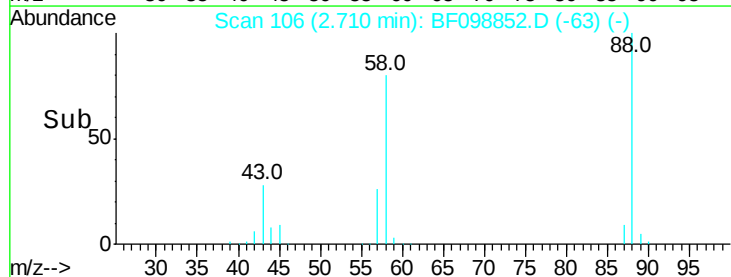
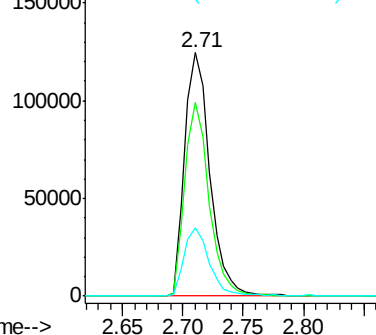
#2

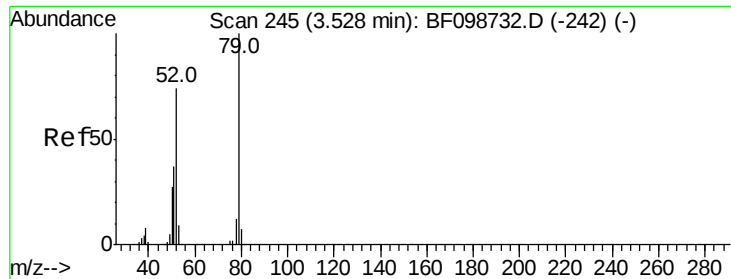
1,4-Dioxane
Concen: 39.068 ng
RT: 2.71 min Scan# 106
Delta R.T. -0.05 min
Lab File: BF098852.D
Acq: 27 Sep 2017 10:00

Tgt Ion: 88 Resp: 180075
Ion Ratio Lower Upper
88 100
58 76.6 62.6 93.8
43 28.2 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 38.248 ng

RT: 3.49 min Scan# 239

Delta R.T. -0.04 min

Lab File: BF098852.D

Acq: 27 Sep 2017 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

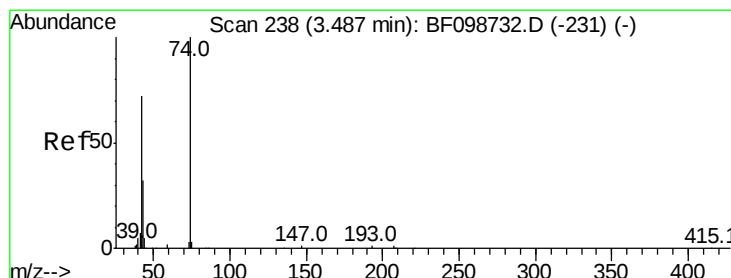
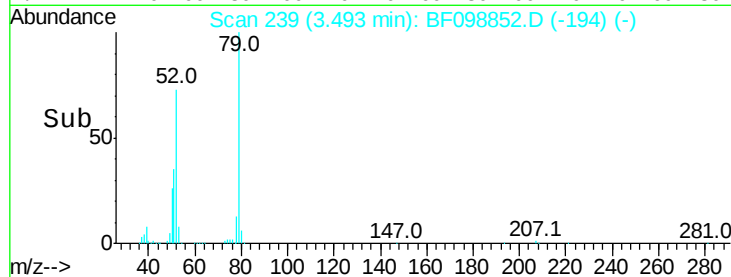
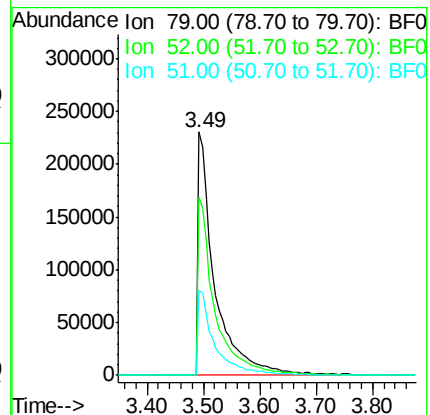
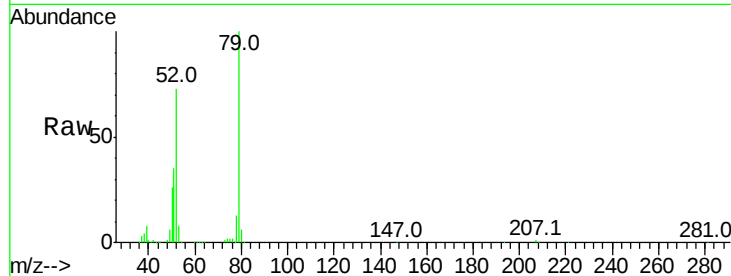
Tot Ion: 79 Resp: 476913

Ion Ratio Lower Upper

79 100

52 73.1 59.8 89.6

51 34.8 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 37.266 ng

RT: 3.45 min Scan# 232

Delta R.T. -0.04 min

Lab File: BF098852.D

Acq: 27 Sep 2017 10:00

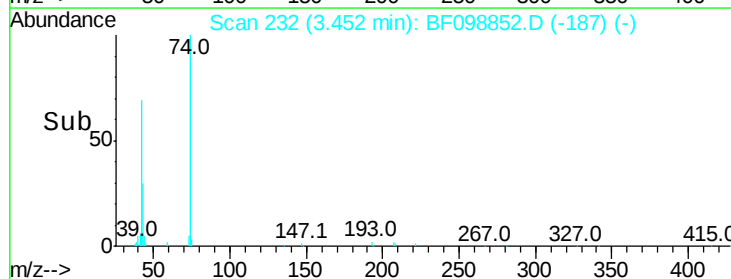
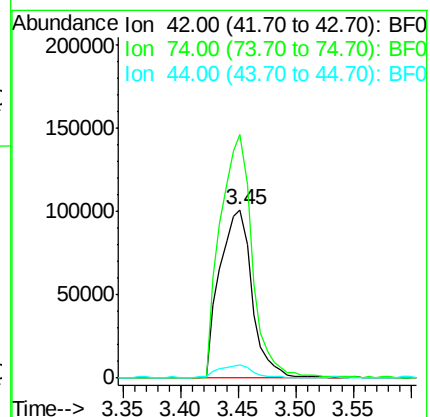
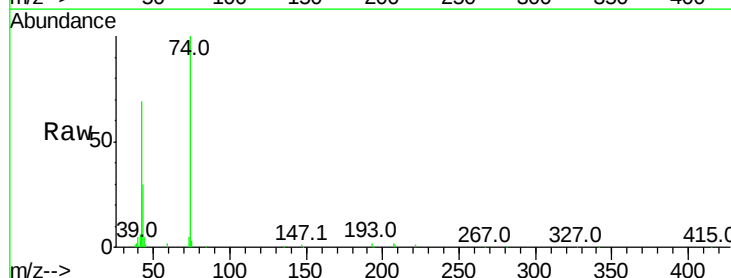
Tgt Ion: 42 Resp: 197041

Ion Ratio Lower Upper

42 100

74 144.7 104.9 157.3

44 7.6 6.9 10.3





#5

2-Fluorophenol

Concen: 80.291 ng

RT: 5.53 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF098852.D

Acq: 27 Sep 2017 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

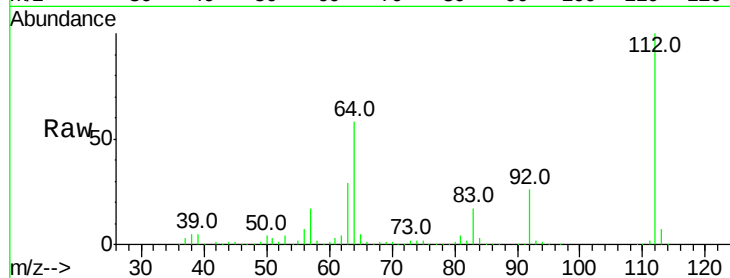
Tot Ion:112 Resp: 774735

Ion Ratio Lower Upper

112 100

64 57.7 47.9 71.9

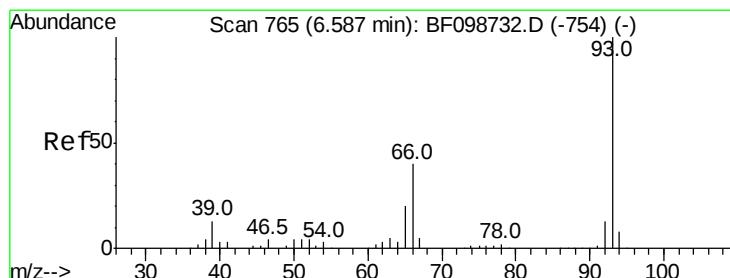
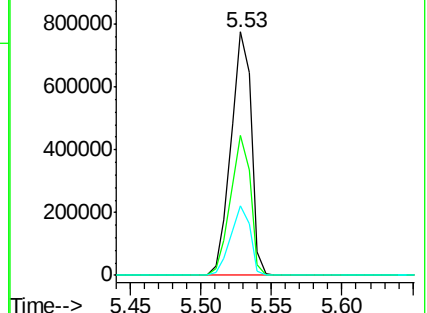
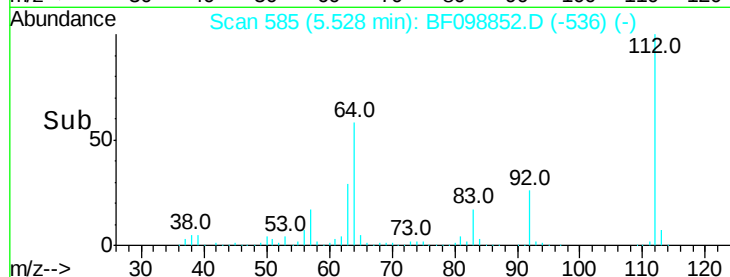
63 28.6 23.7 35.5



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: 38.664 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF098852.D

Acq: 27 Sep 2017 10:00

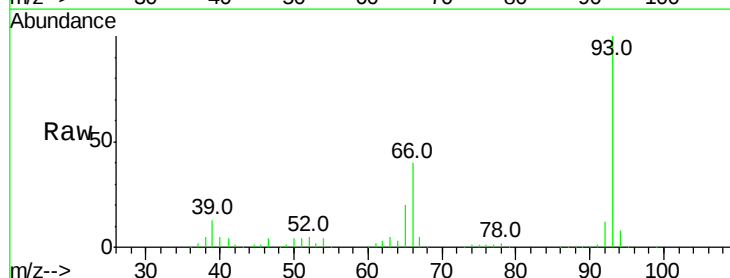
Tgt Ion: 93 Resp: 621148

Ion Ratio Lower Upper

93 100

66 40.3 32.2 48.2

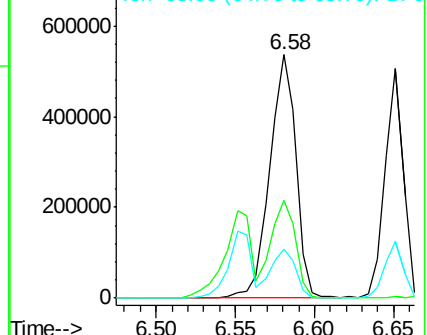
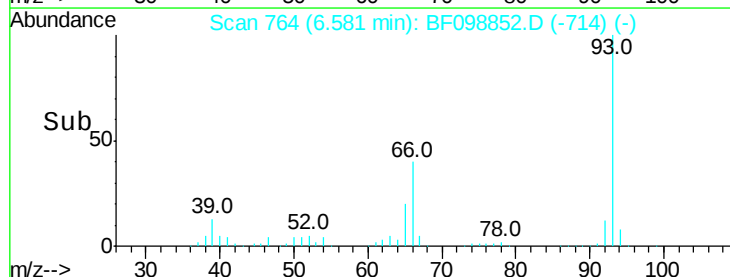
65 20.3 16.4 24.6

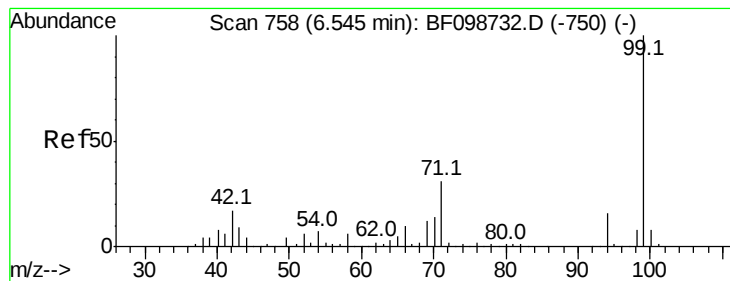


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.586 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098852.D

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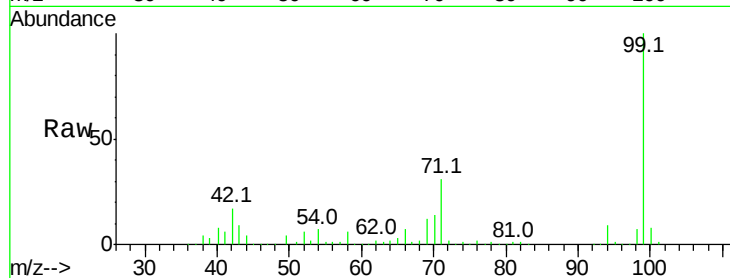
Tot Ion: 99 Resp: 947335

Ion Ratio Lower Upper

99 100

42 17.4 14.5 21.7

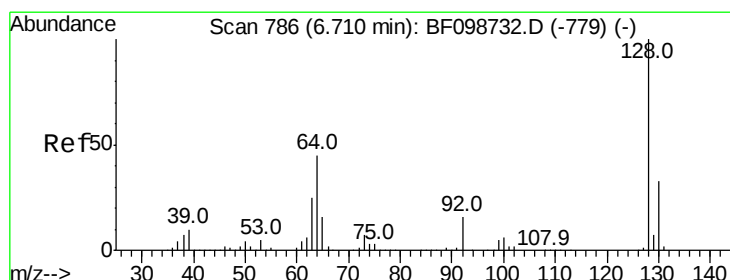
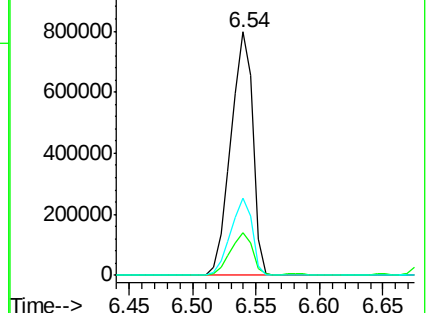
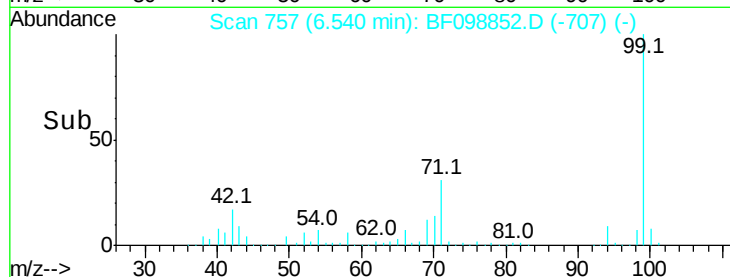
71 31.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.375 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF098852.D

Acq: 27 Sep 2017 10:00

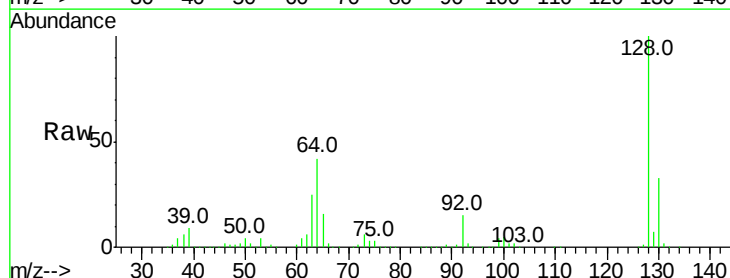
Tgt Ion: 128 Resp: 430255

Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

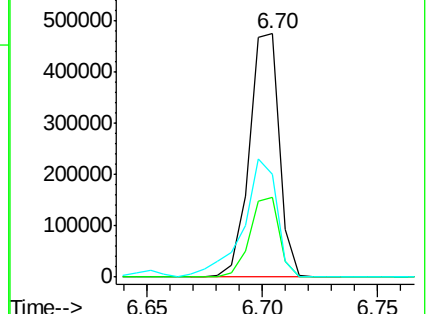
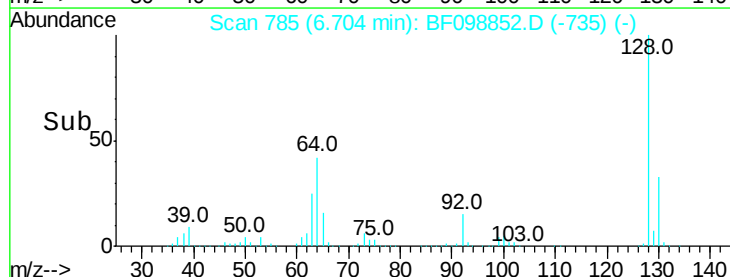
64 42.3 29.4 69.4

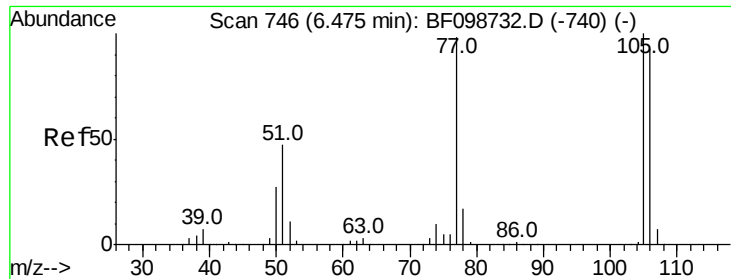


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

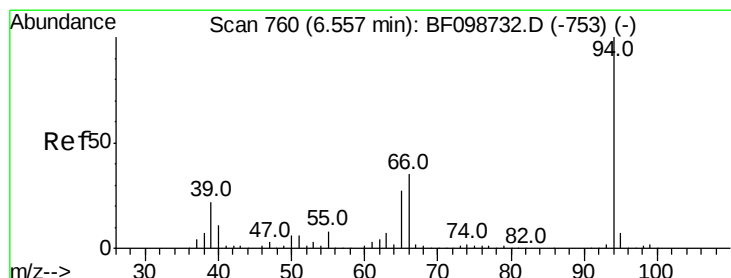
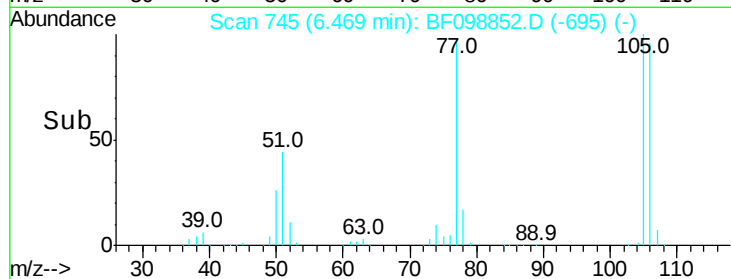
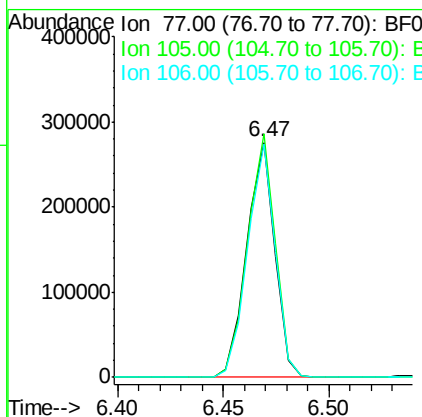
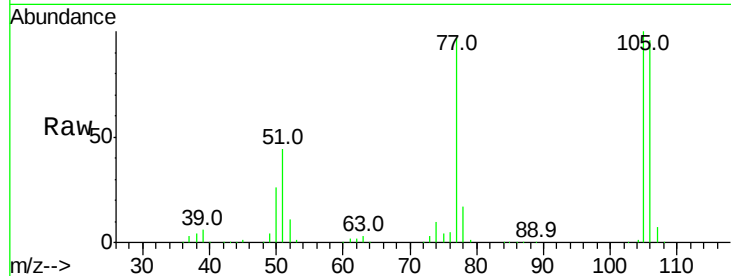




#9
Benzaldehyde
Concen: 36.870 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
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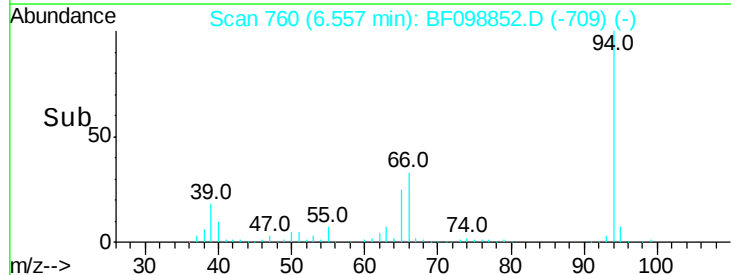
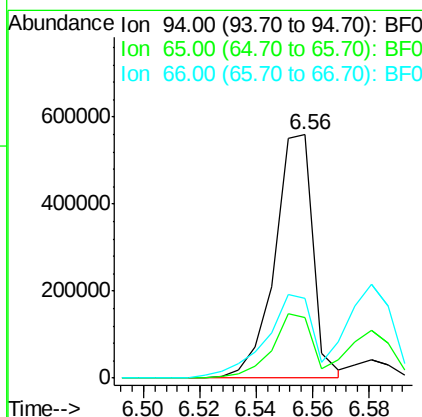
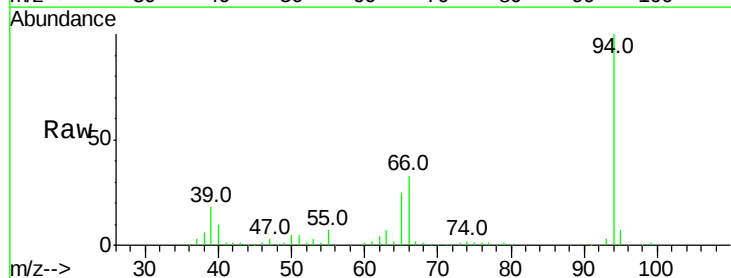
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Tot Ion: 77 Resp: 254579
Ion Ratio Lower Upper
77 100
105 103.6 81.1 121.1
106 99.4 74.5 114.5



#10
Phenol
Concen: 39.455 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF098852.D
Acq: 27 Sep 2017 10:00

Tgt Ion: 94 Resp: 525238
Ion Ratio Lower Upper
94 100
65 24.7 7.9 47.9
66 32.6 16.2 56.2

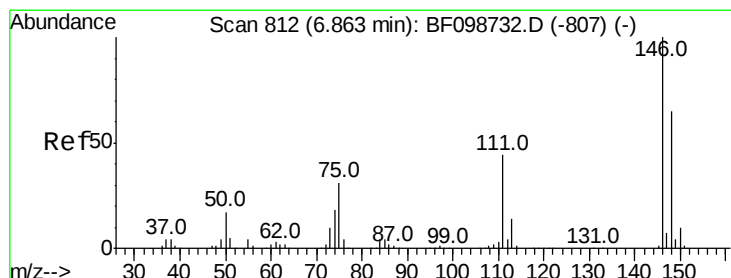
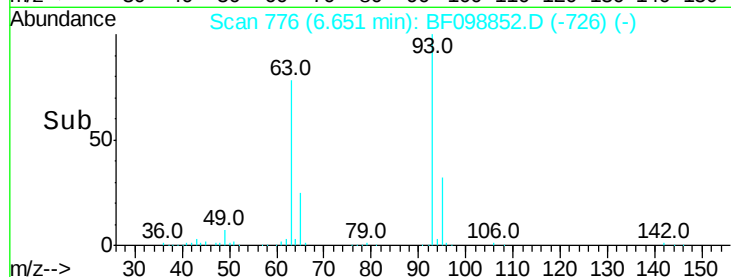
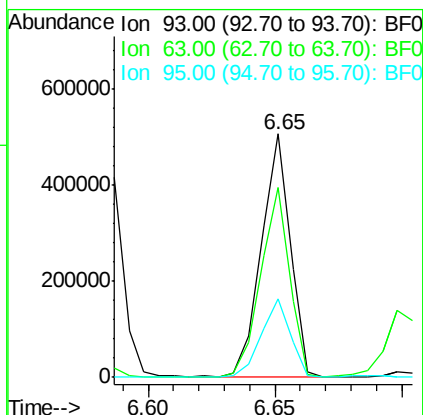
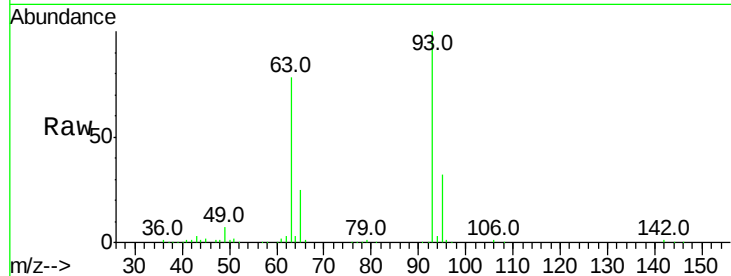




#11
bis(2-Chloroethyl)ether
Concen: 39.329 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF098852.D
Acq: 27 Sep 2017 10:00

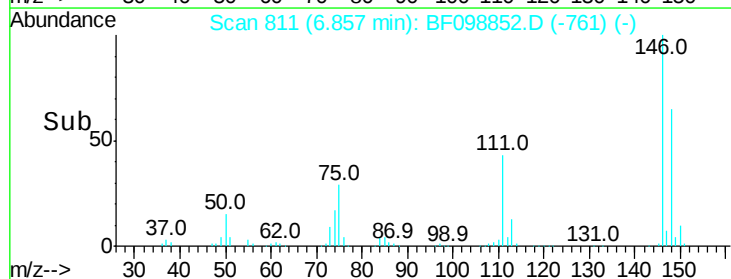
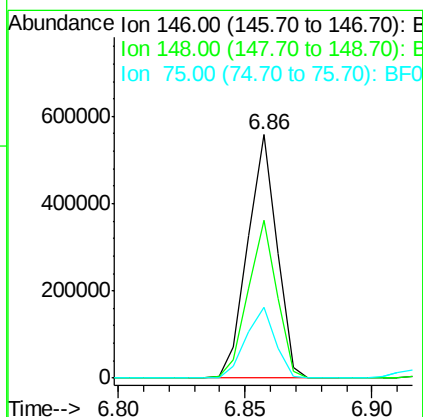
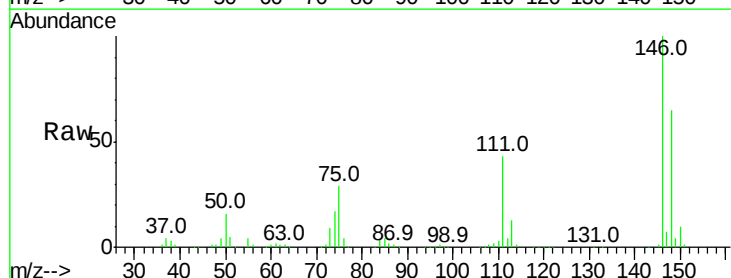
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

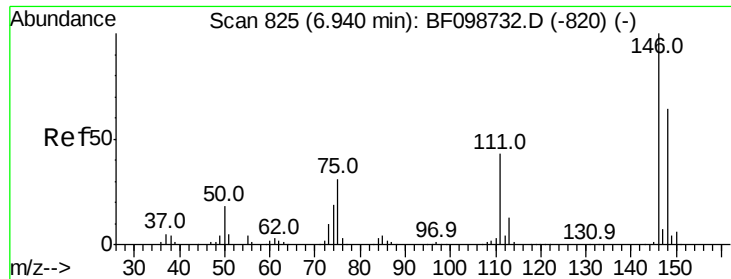
Tot Ion: 93 Resp: 407027
Ion Ratio Lower Upper
93 100
63 77.9 58.6 98.6
95 32.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.283 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF098852.D
Acq: 27 Sep 2017 10:00

Tgt Ion: 146 Resp: 449548
Ion Ratio Lower Upper
146 100
148 65.0 51.8 77.8
75 29.0 24.2 36.4

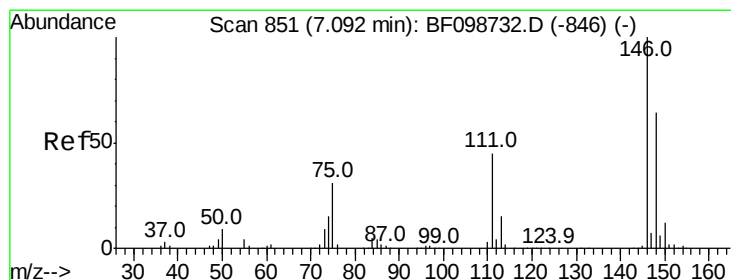
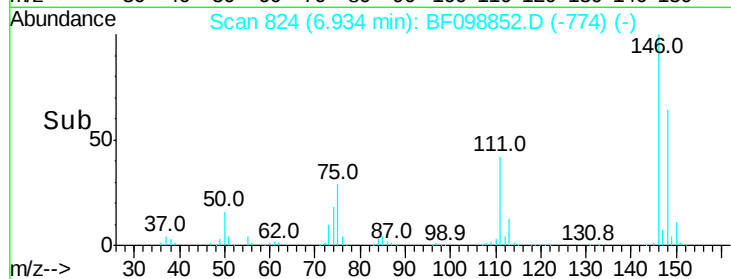
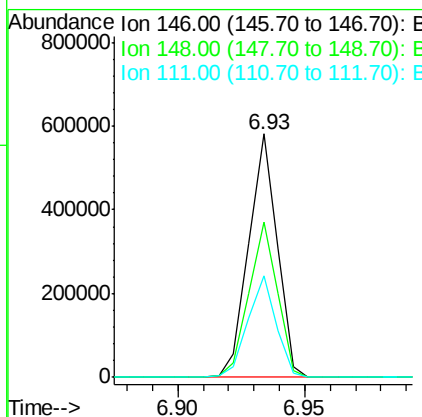
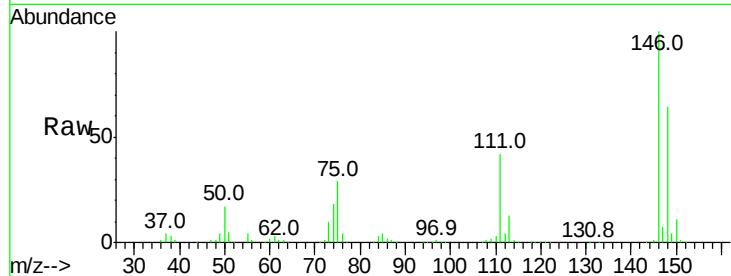




#13
 1,4-Dichlorobenzene
 Concen: 39.165 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF098852.D
 Acq: 27 Sep 2017 10:00

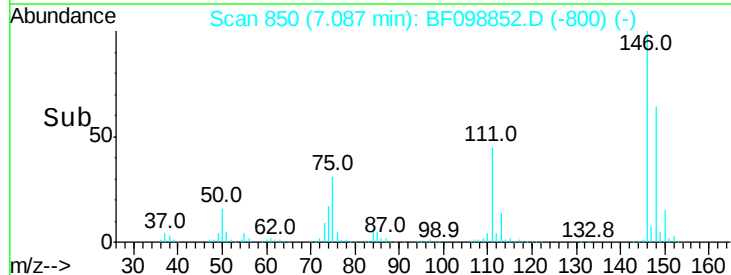
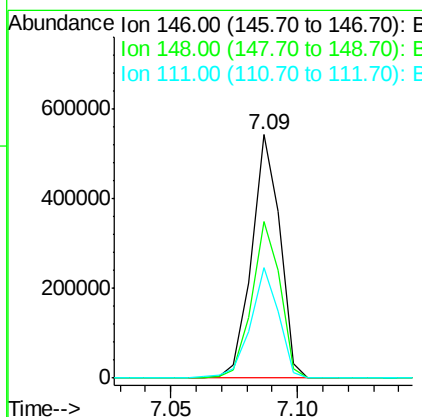
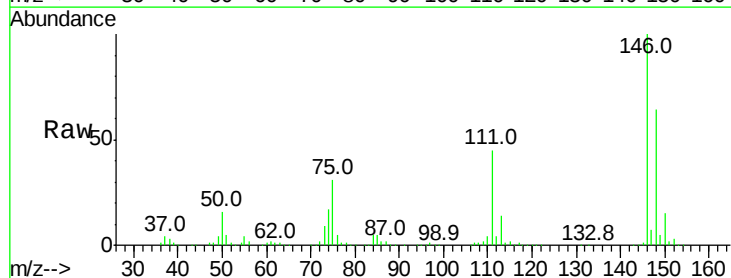
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

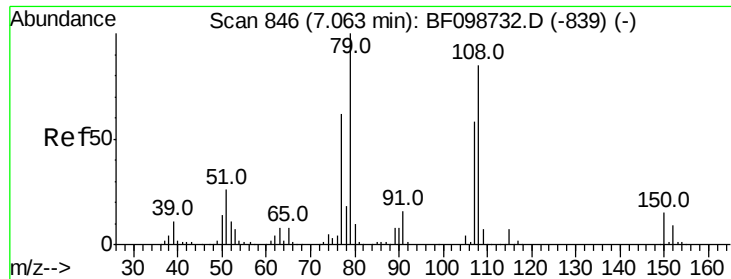
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.8	76.2
111	41.8	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 39.120 ng
 RT: 7.09 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BF098852.D
 Acq: 27 Sep 2017 10:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	75.8
111	45.4	36.0	54.0





#15

Benzyl Alcohol

Concen: 39.014 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF098852.D

Acq: 27 Sep 2017 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

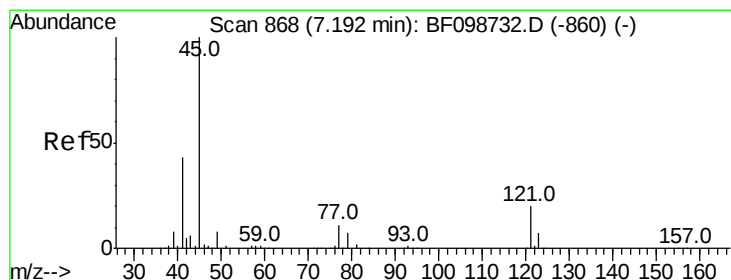
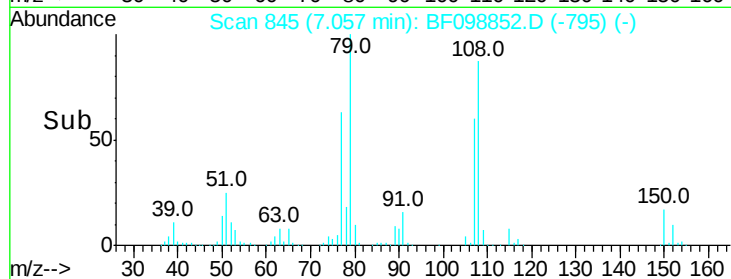
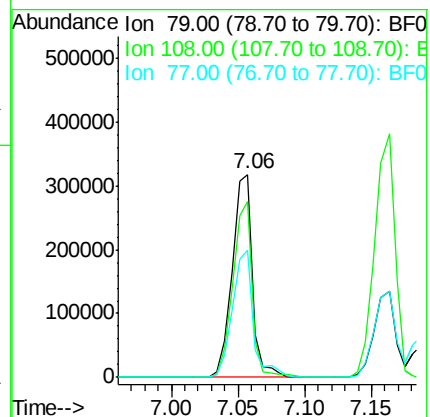
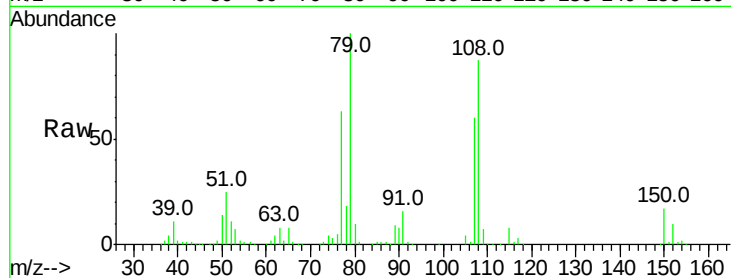
Tot Ion: 79 Resp: 340683

Ion Ratio Lower Upper

79 100

108 87.0 65.1 97.7

77 62.8 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.837 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF098852.D

Acq: 27 Sep 2017 10:00

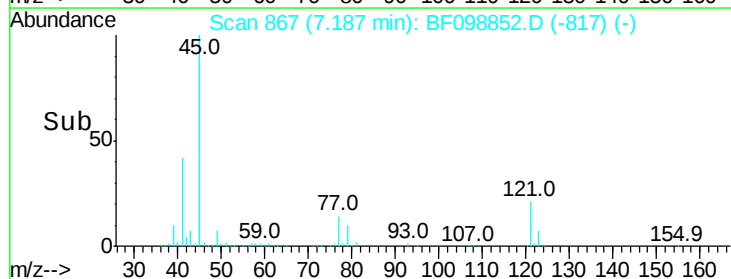
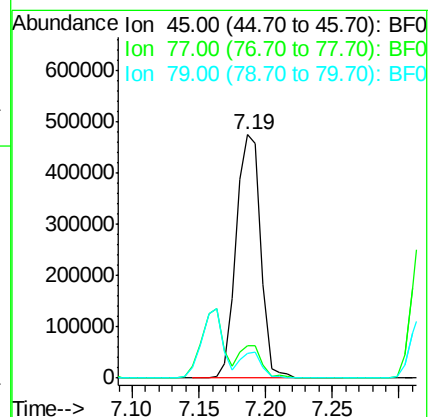
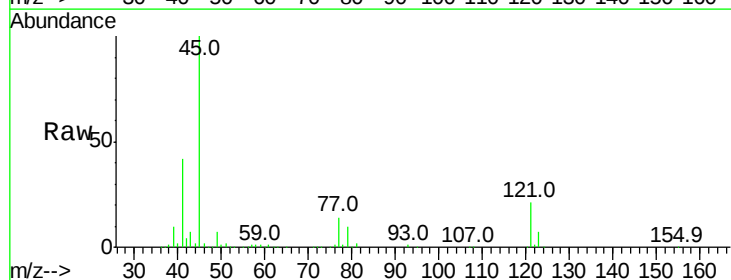
Tgt Ion: 45 Resp: 610089

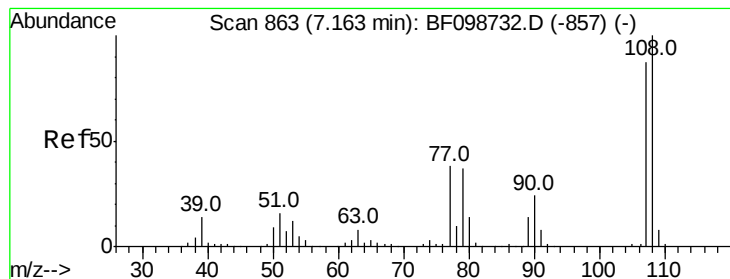
Ion Ratio Lower Upper

45 100

77 13.5 0.0 32.9

79 10.1 0.0 29.6

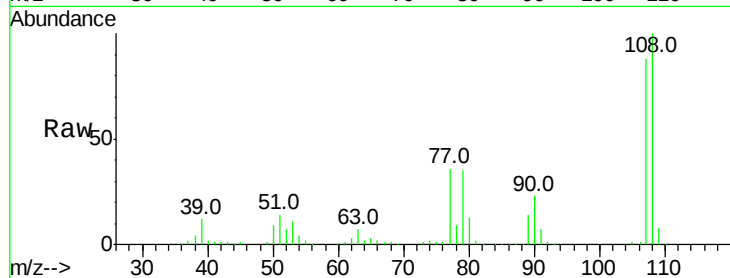




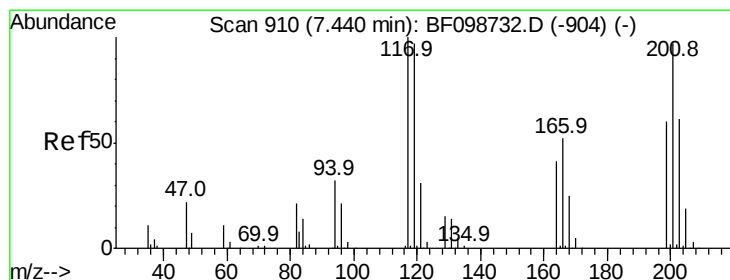
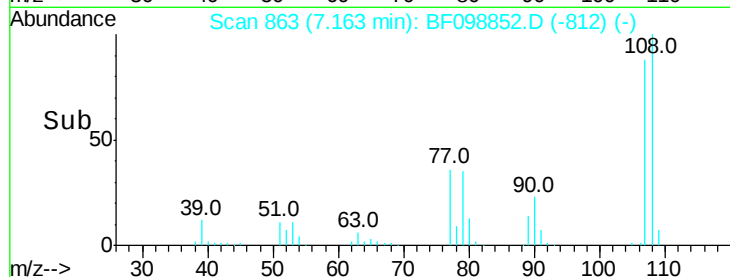
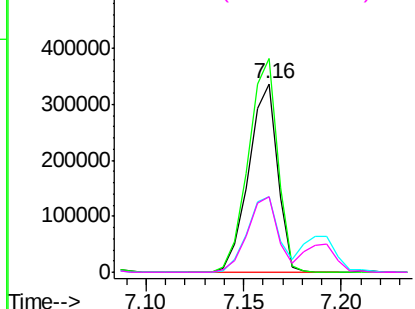
#17
2-Methylphenol
Concen: 38.712 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF098852.D
Acq: 27 Sep 2017 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 346118
Ion Ratio Lower Upper
107 100
108 113.5 91.7 137.5
77 40.4 33.8 50.8
79 40.1 33.8 50.8

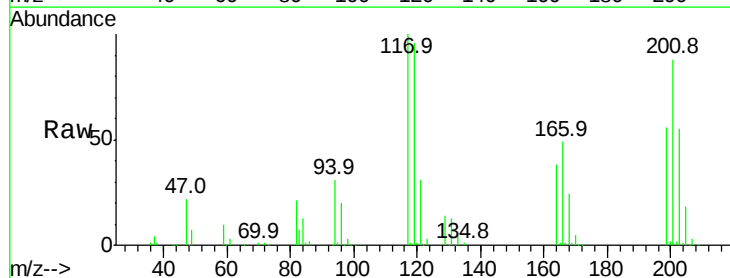


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

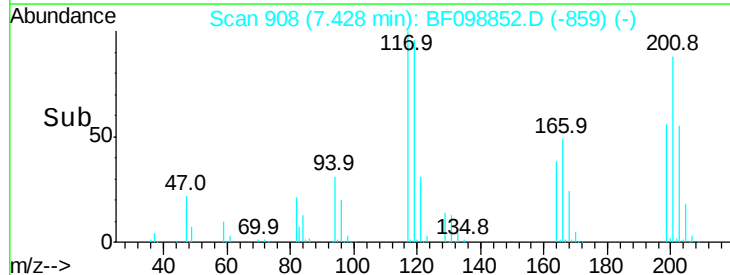
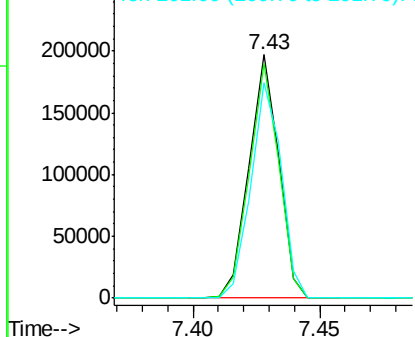


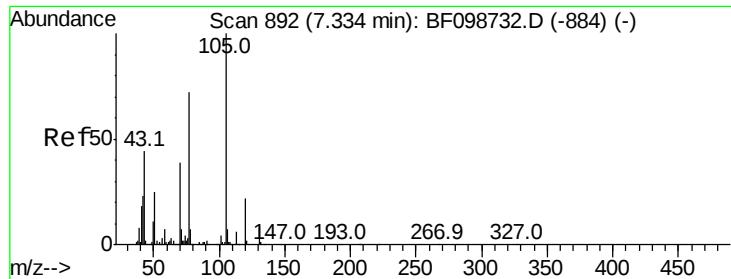
#18
Hexachloroethane
Concen: 38.528 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF098852.D
Acq: 27 Sep 2017 10:00

Tgt Ion:117 Resp: 161243
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.8
201 88.3 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

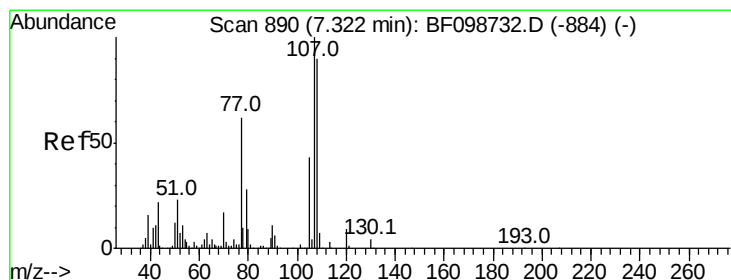
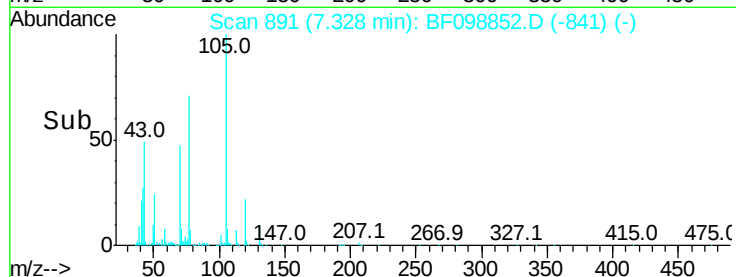
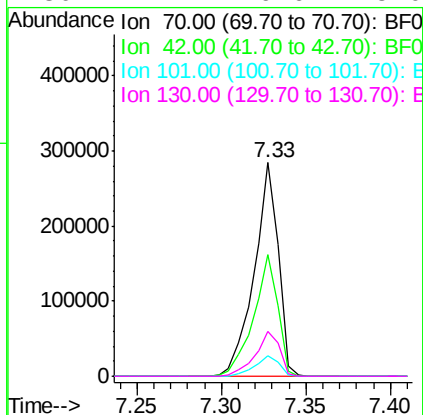
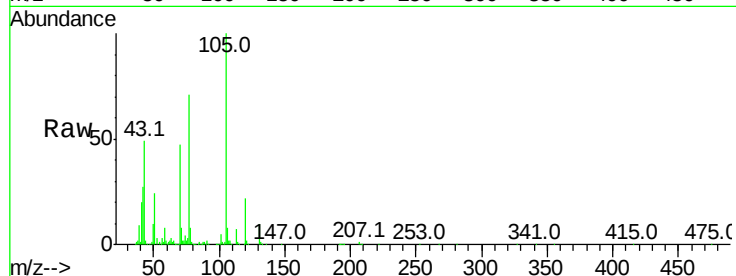




#19
n-Nitroso-di-n-propylamine
Concen: 37.199 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF098852.D
Acq: 27 Sep 2017 10:00

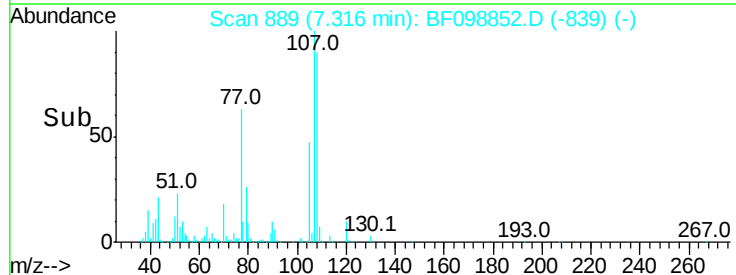
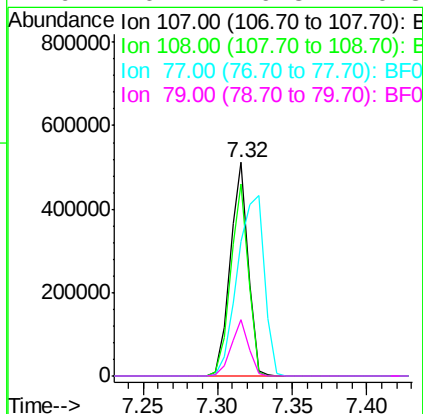
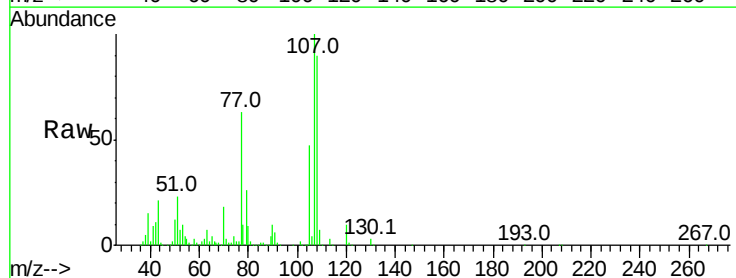
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

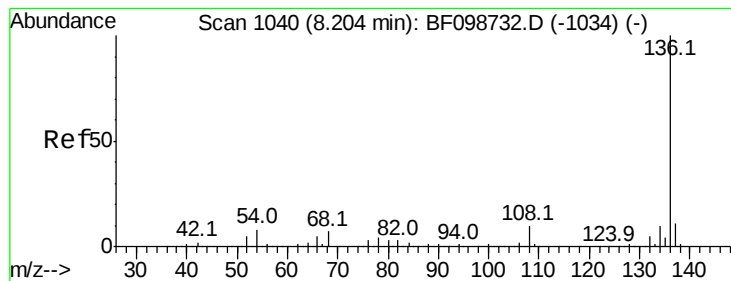
Tot Ion:	70	Resp:	282703
Ion	Ratio	Lower	Upper
70	100		
42	56.7	47.5	71.3
101	9.8	7.4	11.2
130	21.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 38.728 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF098852.D
Acq: 27 Sep 2017 10:00

Tgt Ion:	107	Resp:	438046
Ion	Ratio	Lower	Upper
107	100		
108	90.1	68.2	108.2
77	63.0	26.7	66.7
79	26.2	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF098852.D

Acq: 27 Sep 2017 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 639987

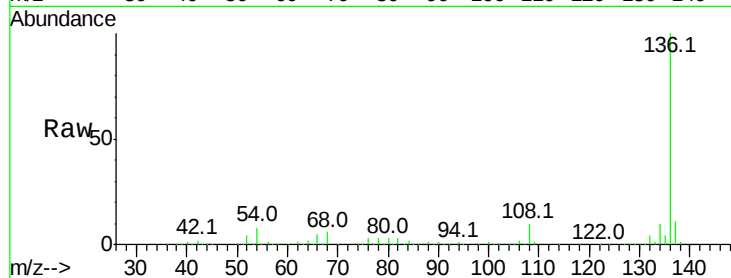
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.8 6.6 9.8

68 6.3 5.0 7.4

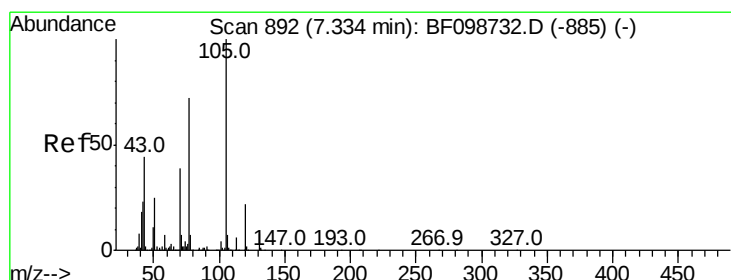
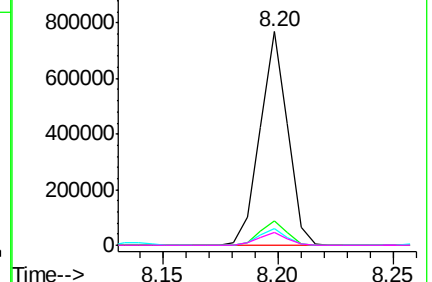
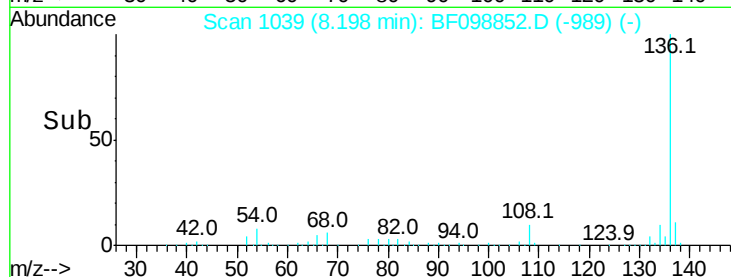


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.698 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF098852.D

Acq: 27 Sep 2017 10:00

Tgt Ion:105 Resp: 584537

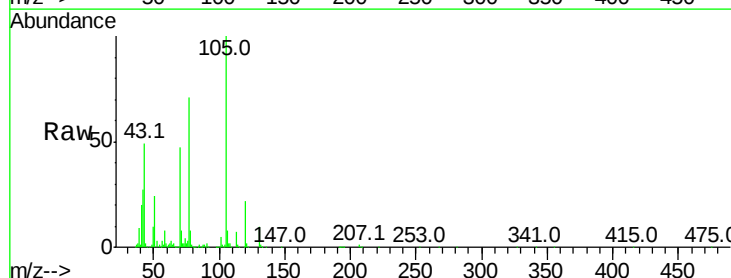
Ion Ratio Lower Upper

105 100

71 8.0 4.4 6.6#

51 24.1 22.3 33.5

120 22.0 16.9 25.3

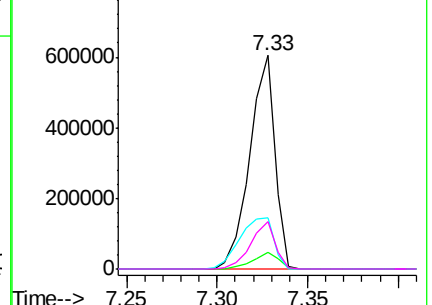
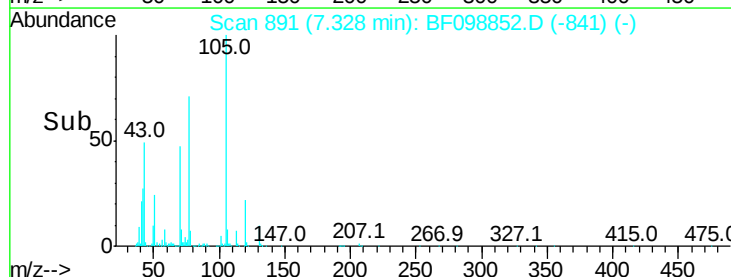


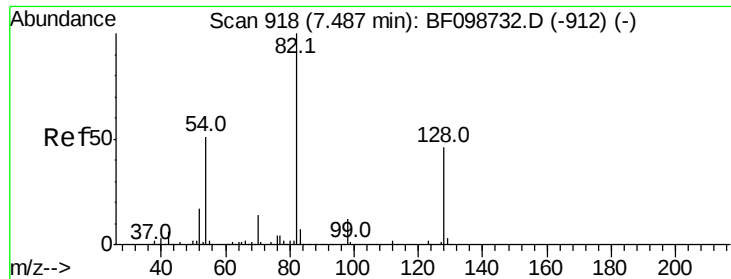
Abundance Ion 105.00 (104.70 to 105.70): E

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

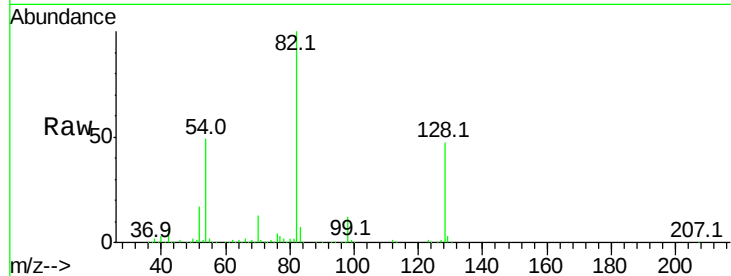




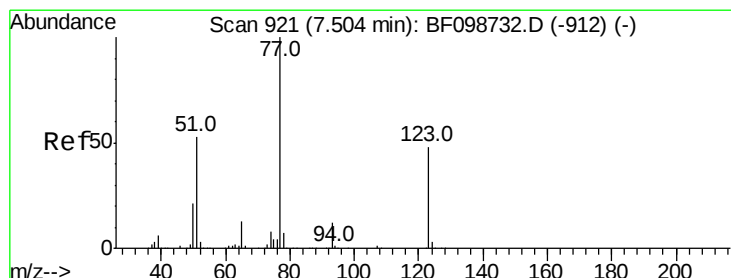
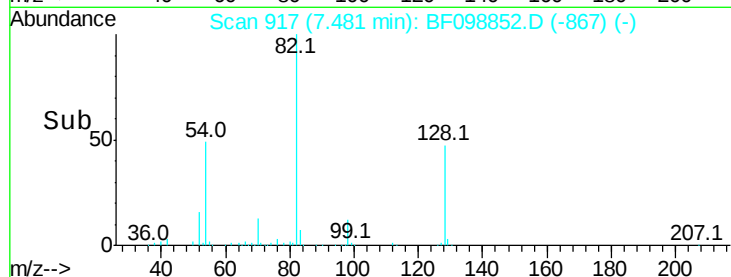
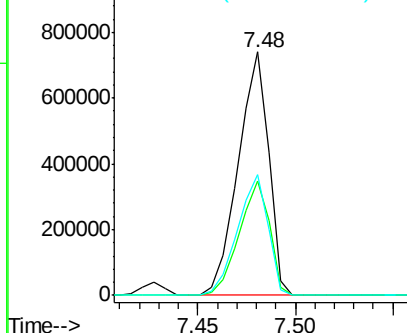
#23
Nitrobenzene-d5
Concen: 80.079 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098852.D
Acq: 27 Sep 2017 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	82	Resp	799146
Ion Ratio	Lower	Upper	
82	100		
128	46.8	36.1	54.1
54	49.4	41.4	62.2

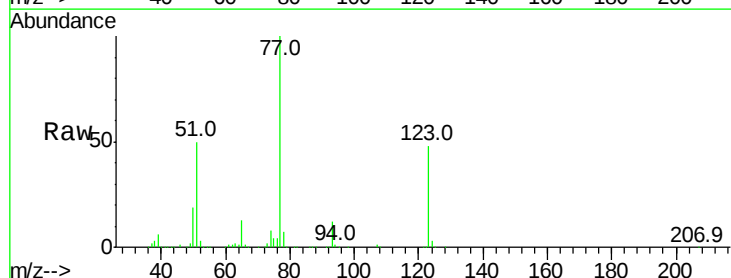


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

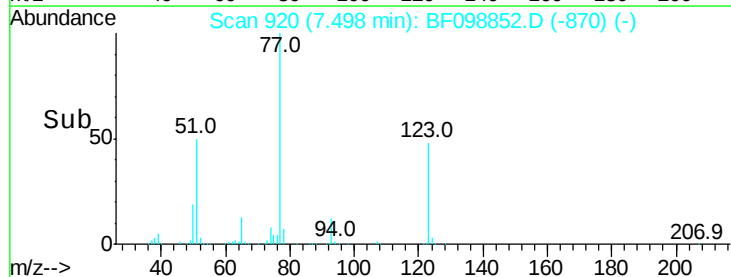
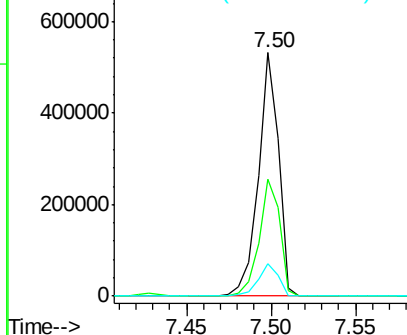


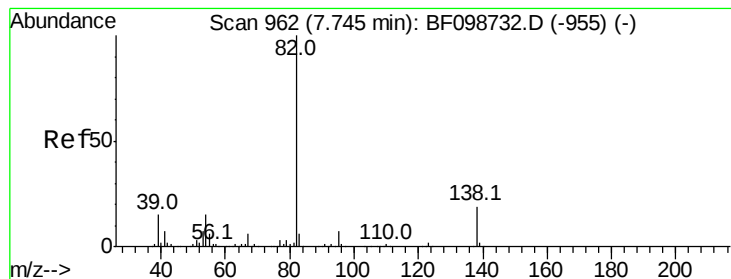
#24
Nitrobenzene
Concen: 39.282 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF098852.D
Acq: 27 Sep 2017 10:00

Tgt Ion	77	Resp	444690
Ion Ratio	Lower	Upper	
77	100		
123	48.2	37.9	56.9
65	13.3	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.199 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF098852.D

Acq: 27 Sep 2017 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

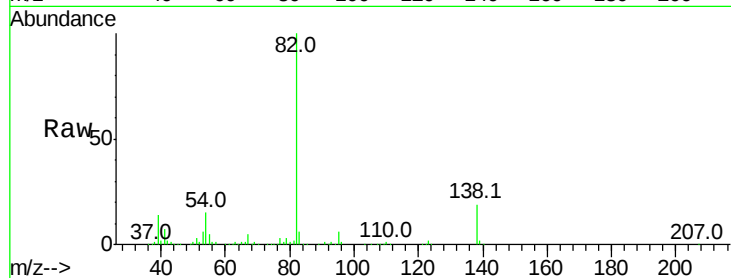
Tot Ion: 82 Resp: 788142

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

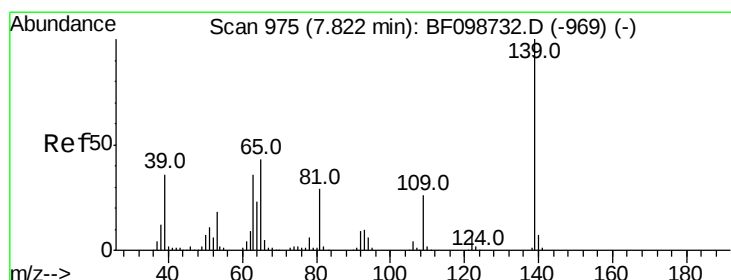
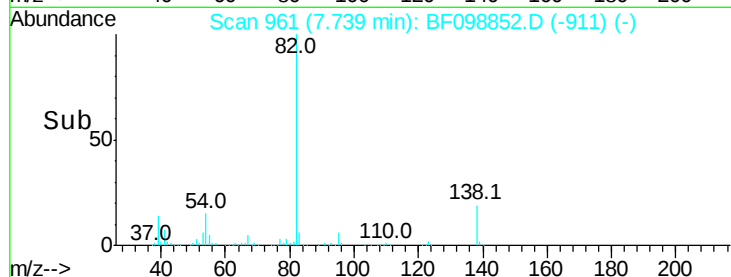
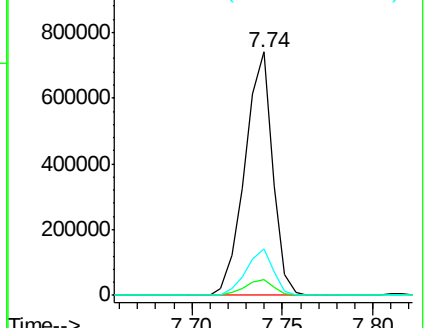
138 19.3 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.165 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF098852.D

Acq: 27 Sep 2017 10:00

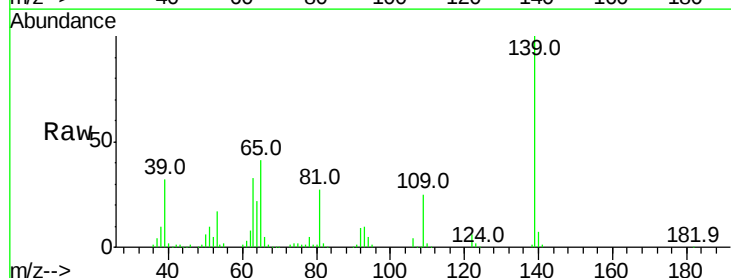
Tgt Ion: 139 Resp: 234978

Ion Ratio Lower Upper

139 100

109 24.9 22.7 34.1

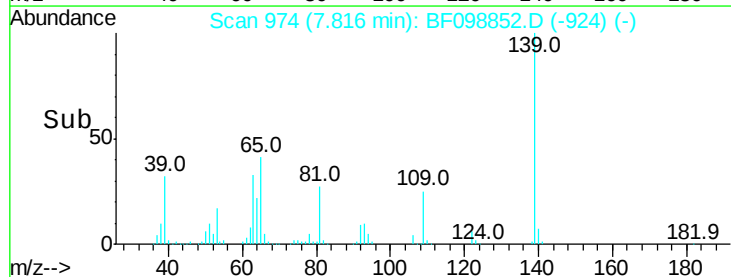
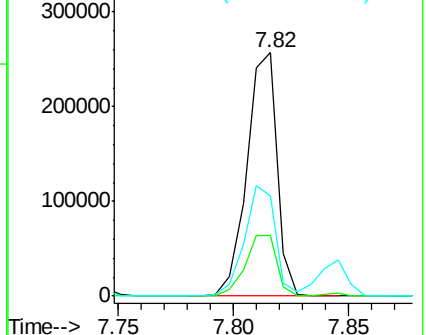
65 41.2 40.5 60.7

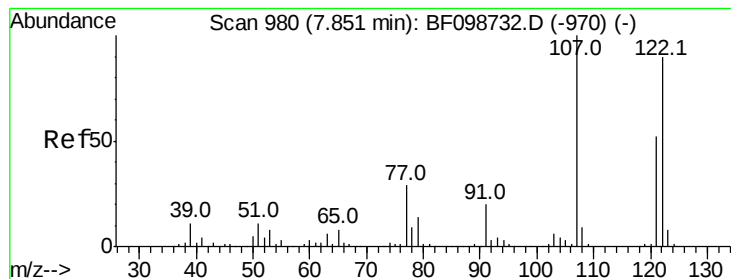


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 38.288 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF098852.D

Acq: 27 Sep 2017 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

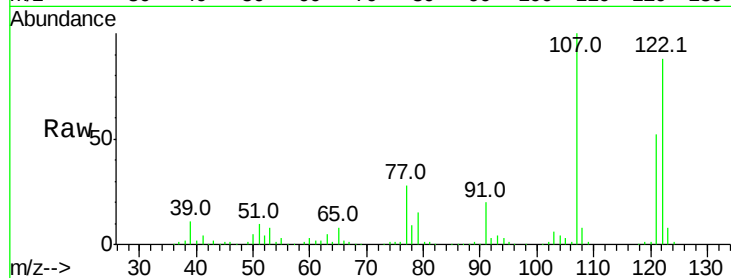
Tot Ion:122 Resp: 393625

Ion Ratio Lower Upper

122 100

107 113.3 91.2 136.8

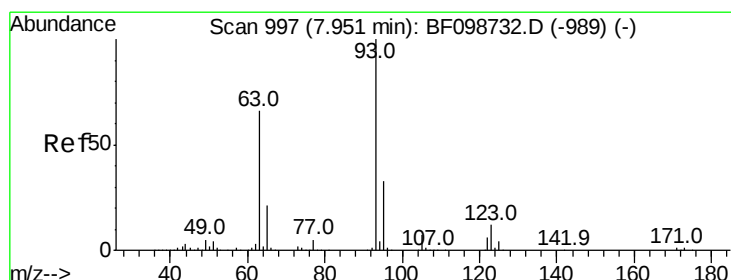
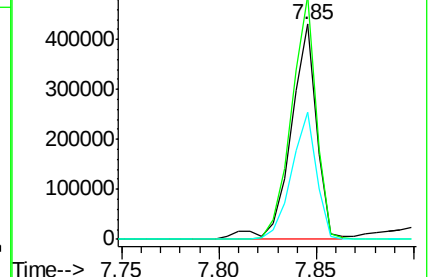
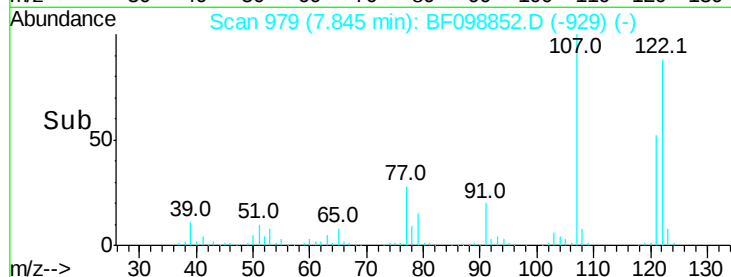
121 59.1 47.2 70.8



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: 38.952 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF098852.D

Acq: 27 Sep 2017 10:00

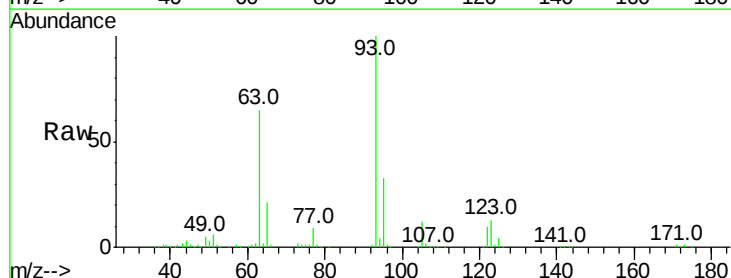
Tgt Ion: 93 Resp: 500850

Ion Ratio Lower Upper

93 100

95 33.3 26.3 39.5

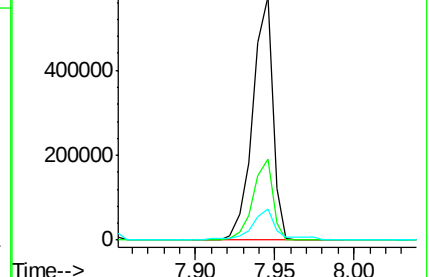
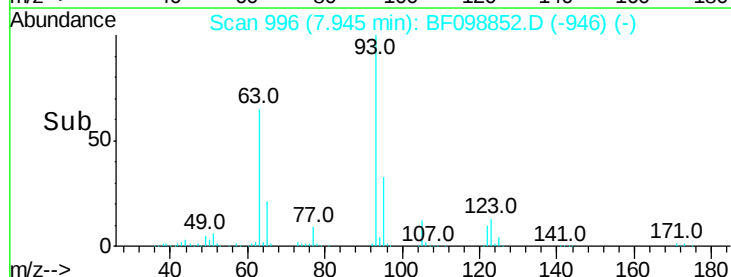
123 12.6 9.8 14.6

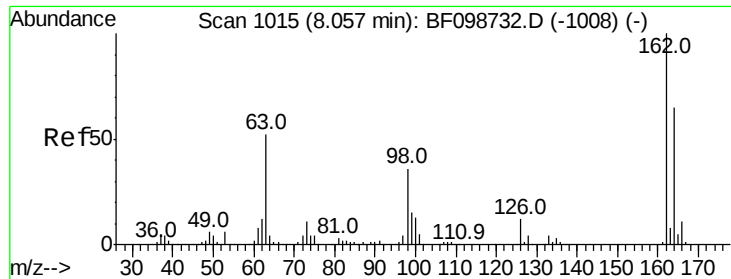


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

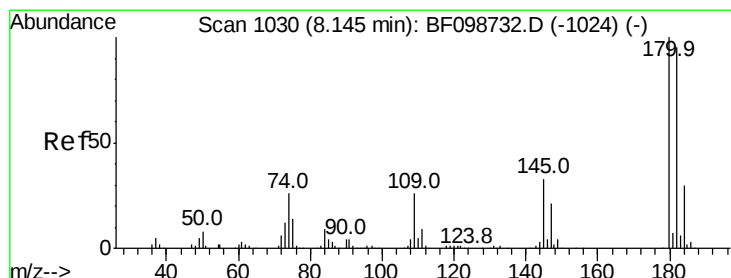
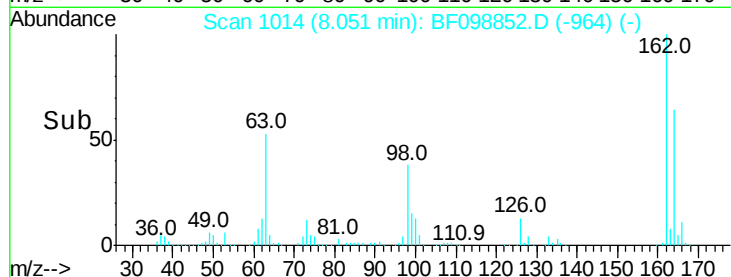
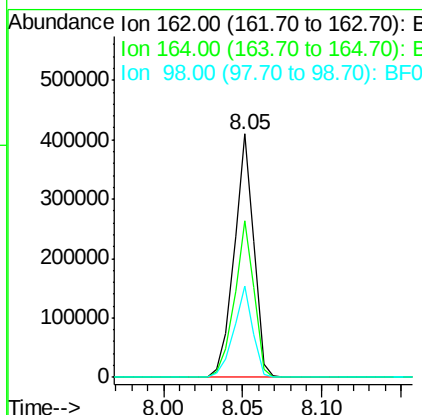
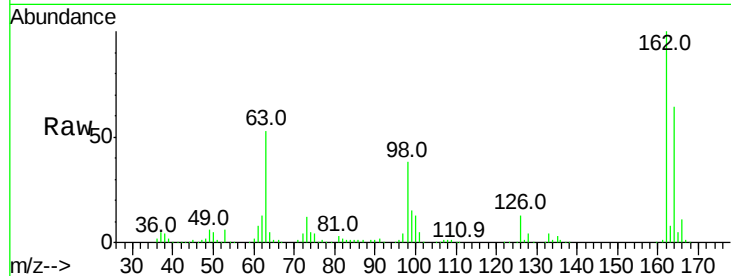




#29
 2,4-Dichlorophenol
 Concen: 39.735 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BF098852.D
 Acq: 27 Sep 2017 10:00

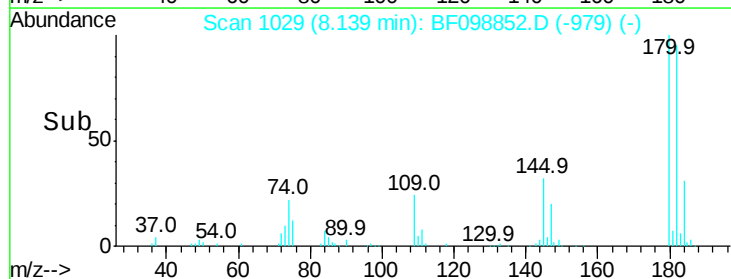
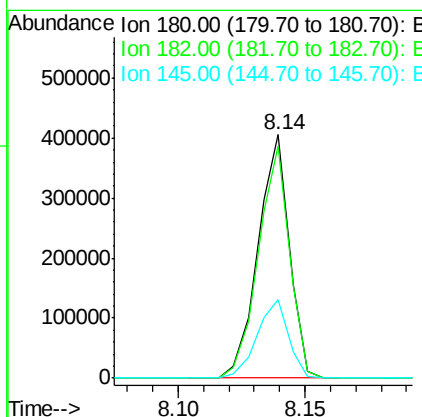
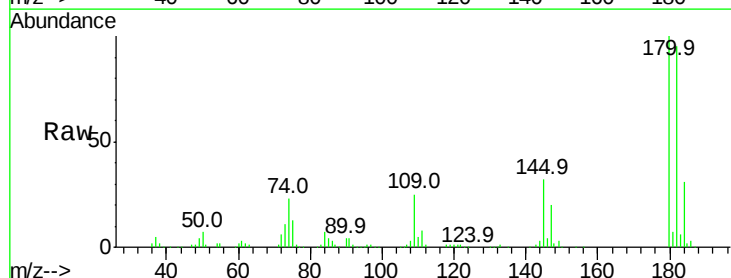
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

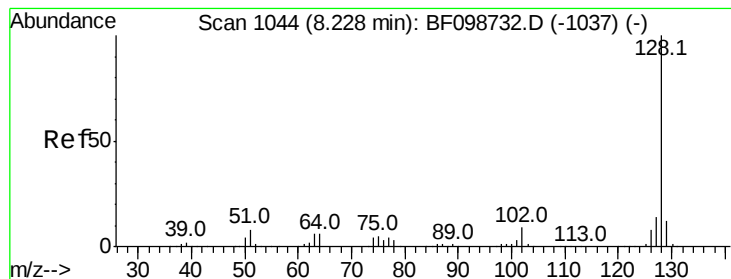
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	42.7	82.7
98	37.6	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.621 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF098852.D
 Acq: 27 Sep 2017 10:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.8	115.2
145	32.2	26.5	39.7





#31

Naphthalene

Concen: 38.933 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF098852.D

Acq: 27 Sep 2017 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

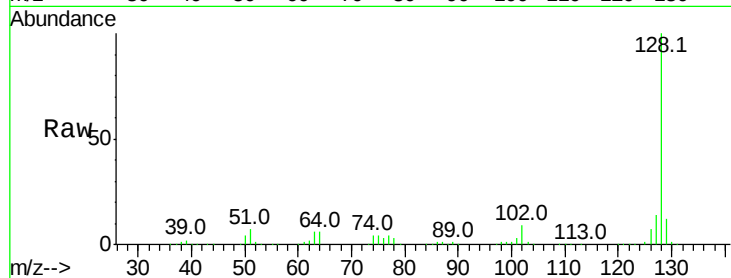
Tot Ion:128 Resp: 1170225

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

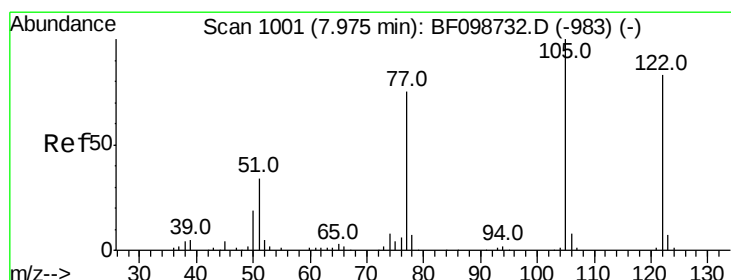
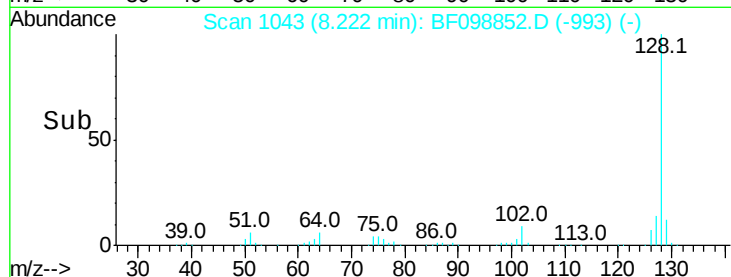
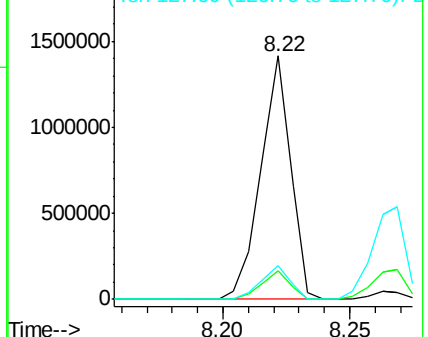
127 13.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.167 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF098852.D

Acq: 27 Sep 2017 10:00

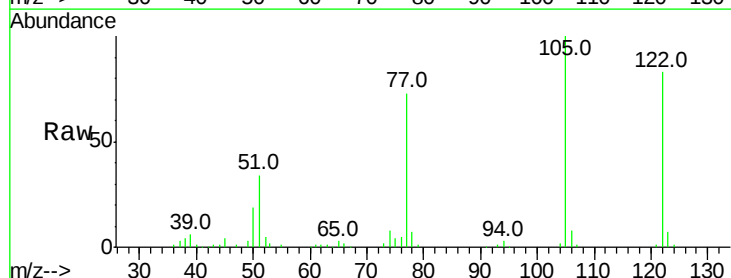
Tgt Ion:122 Resp: 347644

Ion Ratio Lower Upper

122 100

105 120.4 101.1 141.1

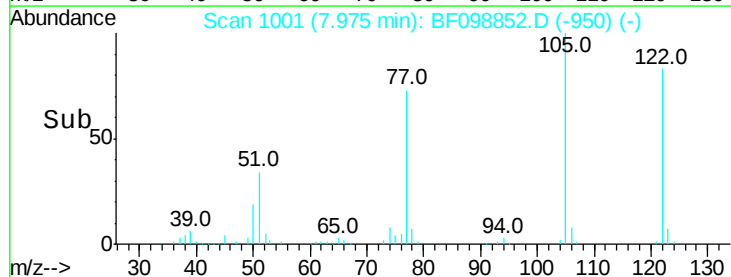
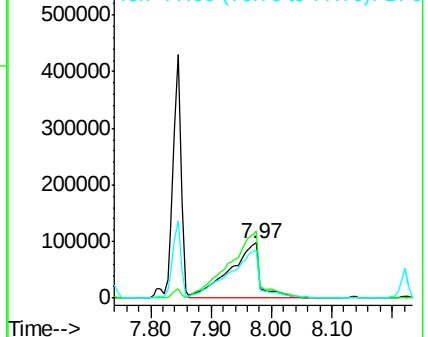
77 87.4 70.7 110.7

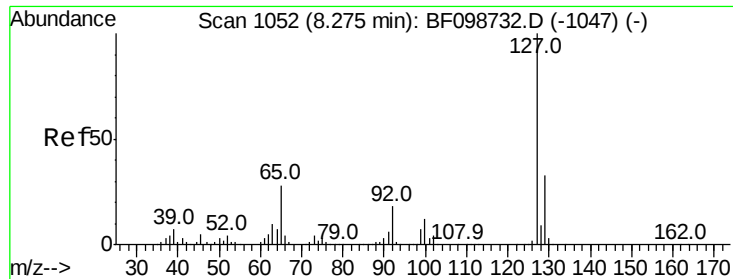


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

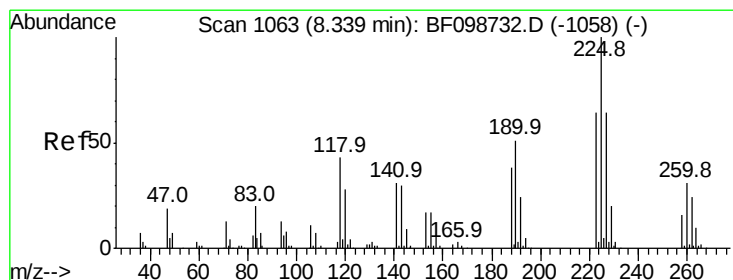
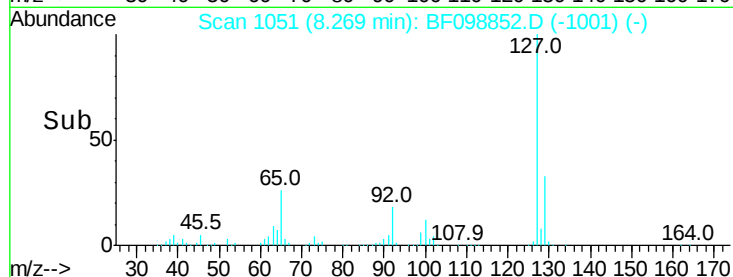
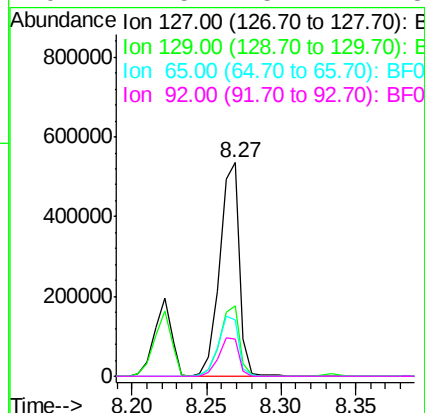
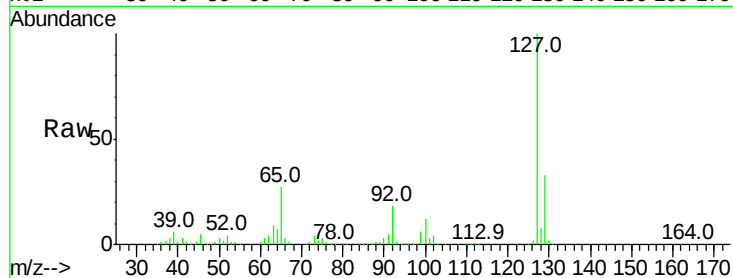




#33
4-Chloroaniline
Concen: 39.762 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF098852.D
Acq: 27 Sep 2017 10:00

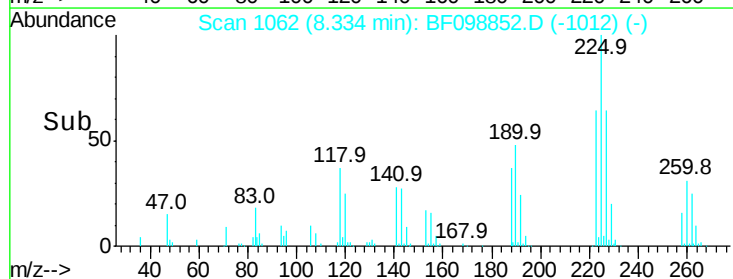
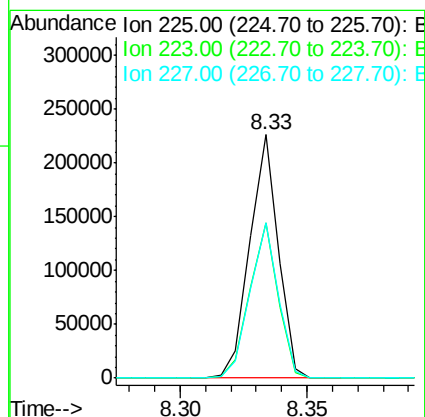
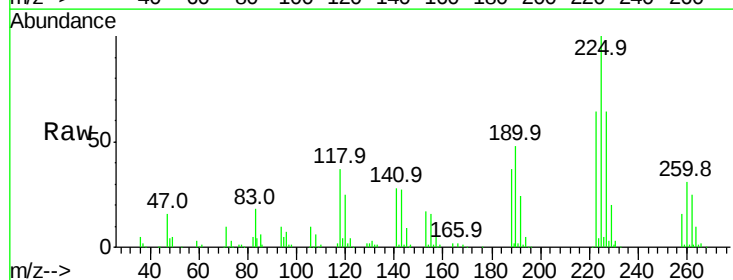
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

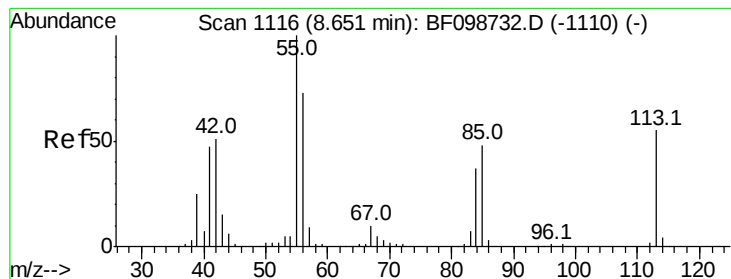
Tot Ion:	127	Resp:	499096
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	26.6	25.0	37.4
92	17.5	15.2	22.8



#34
Hexachlorobutadiene
Concen: 38.935 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BF098852.D
Acq: 27 Sep 2017 10:00

Tgt Ion:	225	Resp:	177039
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	63.7	51.9	77.9





#35

Caprolactam

Concen: 40.678 ng

RT: 8.65 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BF098852.D

Acq: 27 Sep 2017 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

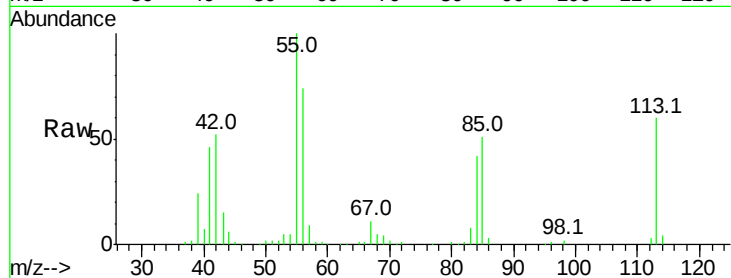
Tot Ion:113 Resp: 115173

Ion Ratio Lower Upper

113 100

55 165.4 163.3 203.3

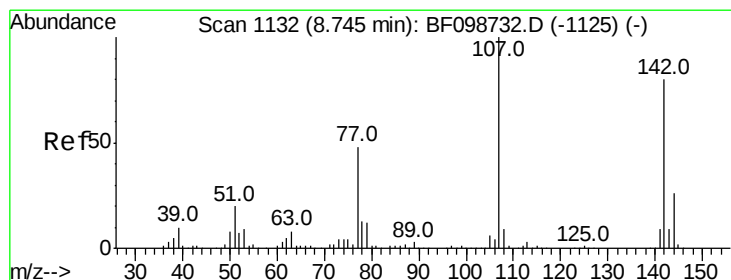
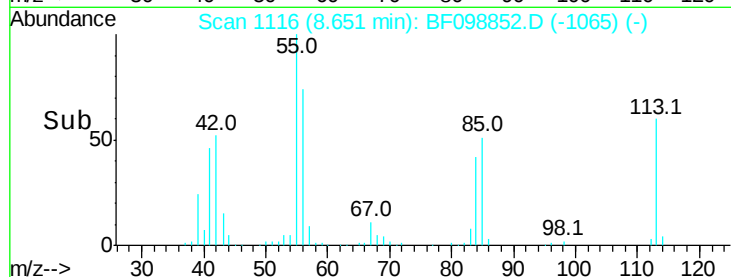
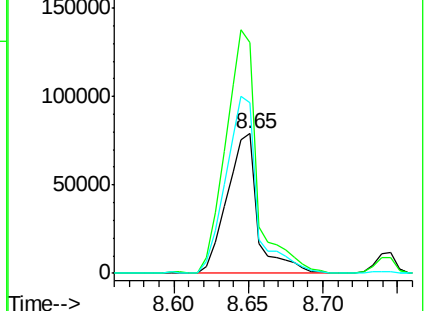
56 122.3 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.567 ng

RT: 8.75 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BF098852.D

Acq: 27 Sep 2017 10:00

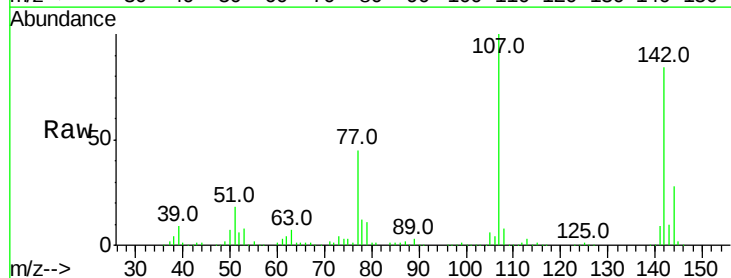
Tgt Ion:107 Resp: 392551

Ion Ratio Lower Upper

107 100

144 28.2 20.5 30.7

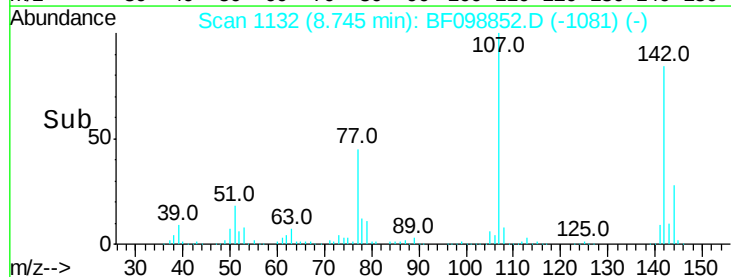
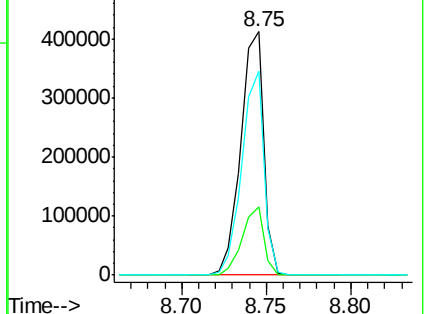
142 83.9 62.0 93.0

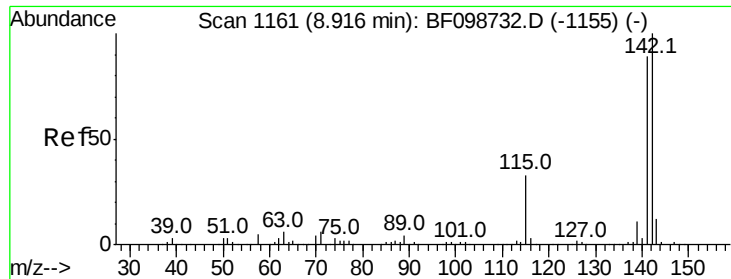


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

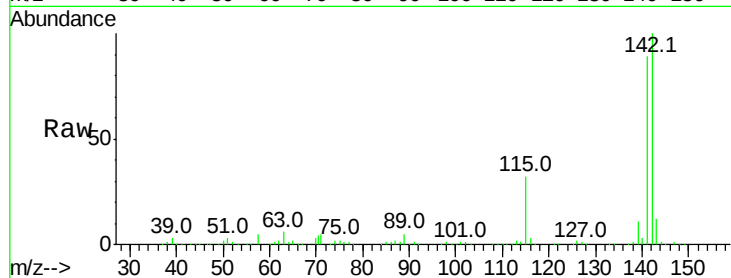




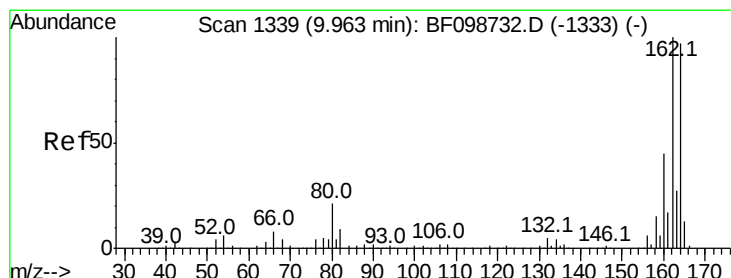
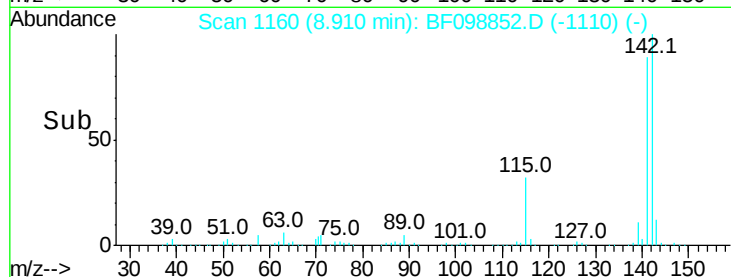
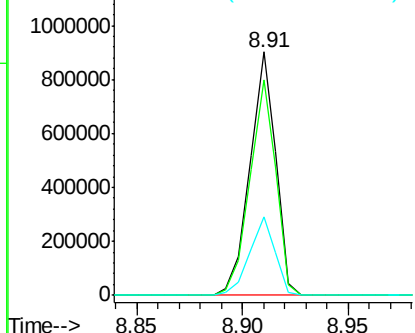
#37
 2-Methylnaphthalene
 Concen: 39.243 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF098852.D
 Acq: 27 Sep 2017 10:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:142 Resp: 766818
 Ion Ratio Lower Upper
 142 100
 141 88.7 70.8 106.2
 115 32.1 26.1 39.1

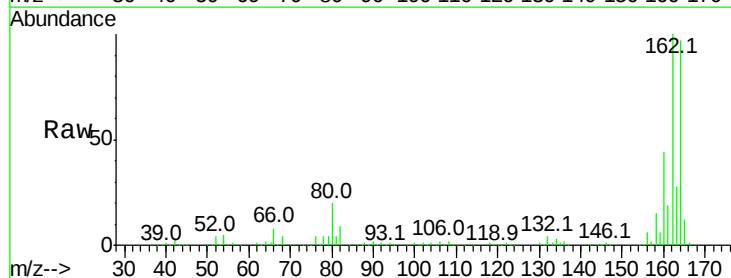


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

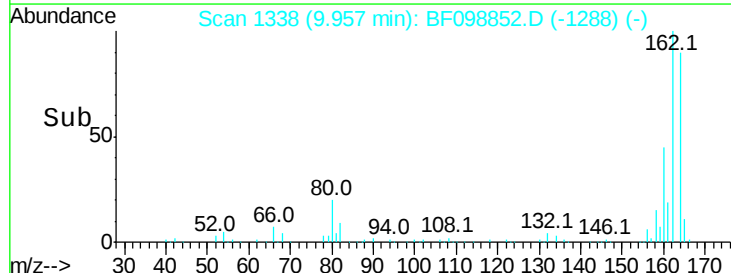
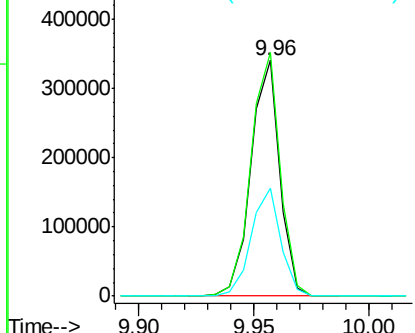


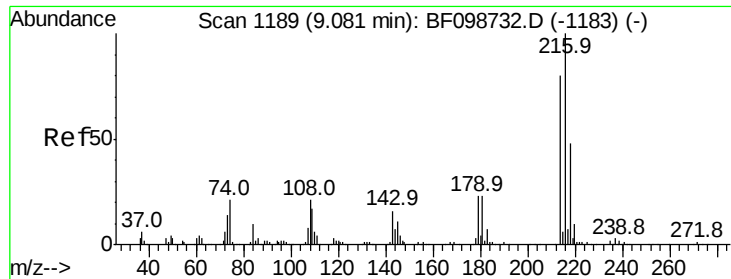
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF098852.D
 Acq: 27 Sep 2017 10:00

Tgt Ion:164 Resp: 297112
 Ion Ratio Lower Upper
 164 100
 162 103.2 86.1 129.1
 160 45.8 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

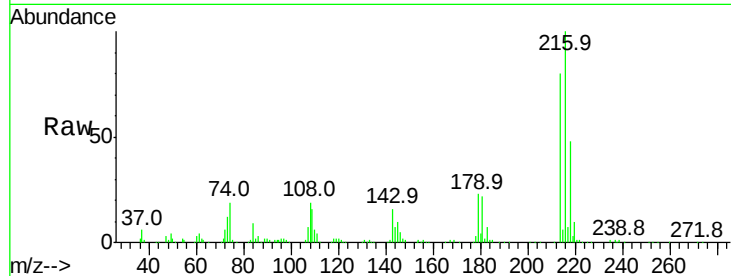




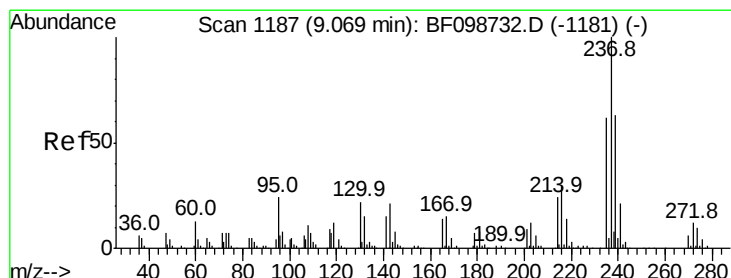
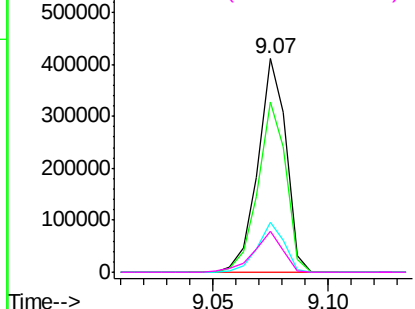
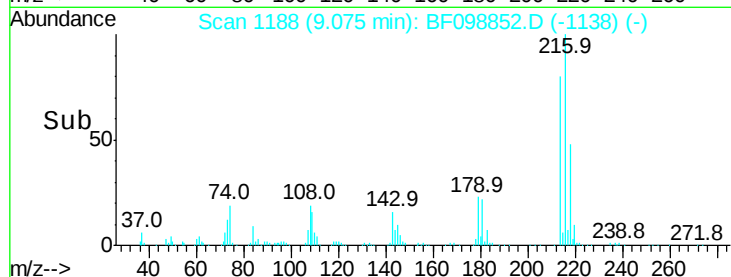
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.326 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF098852.D
 Acq: 27 Sep 2017 10:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	348456
Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.0	94.4
179	22.5	18.1	27.1
108	20.2	17.2	25.8

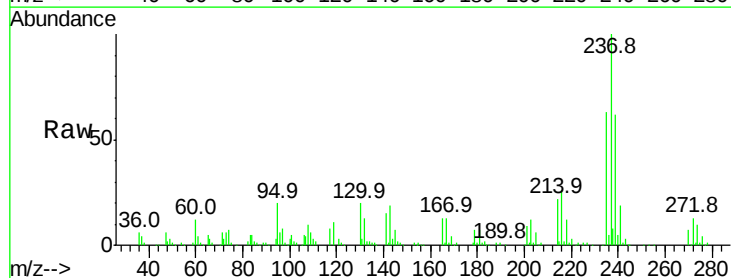


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

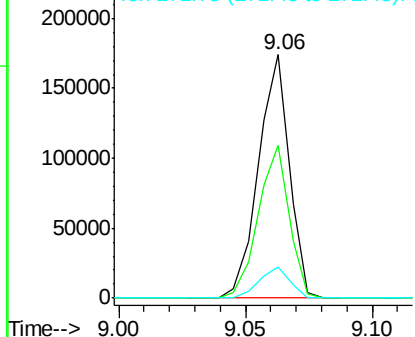
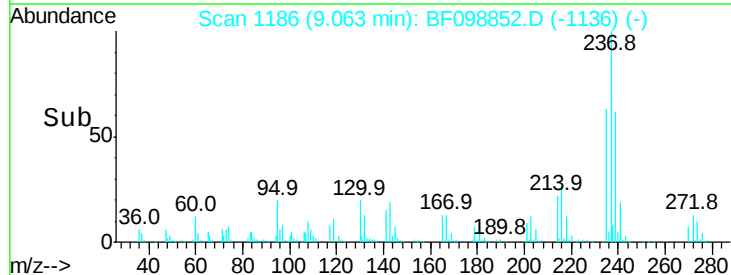


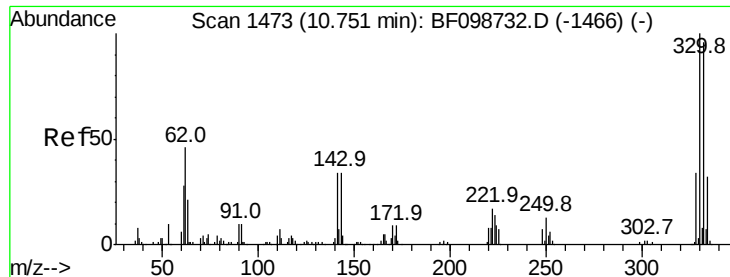
#40
 Hexachlorocyclopentadiene
 Concen: 36.614 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF098852.D
 Acq: 27 Sep 2017 10:00

Tgt Ion:	237	Resp:	148264
Ion	Ratio	Lower	Upper
237	100		
235	62.6	44.8	84.8
272	12.8	0.0	33.3



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

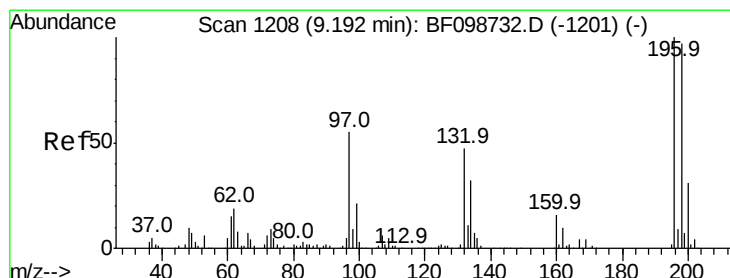
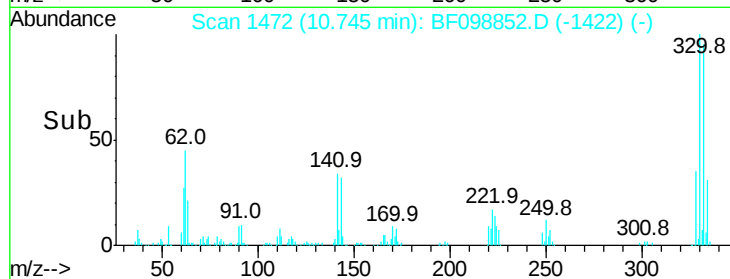
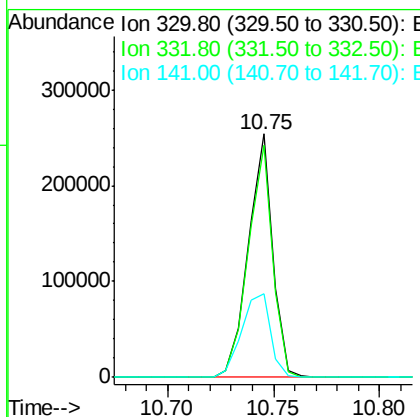
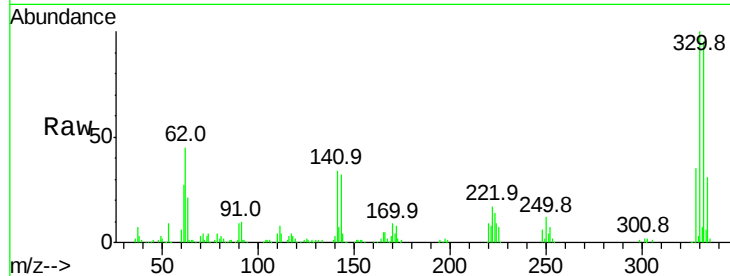




#41
 2,4,6-Tribromophenol
 Concen: 84.037 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098852.D
 Acq: 27 Sep 2017 10:00

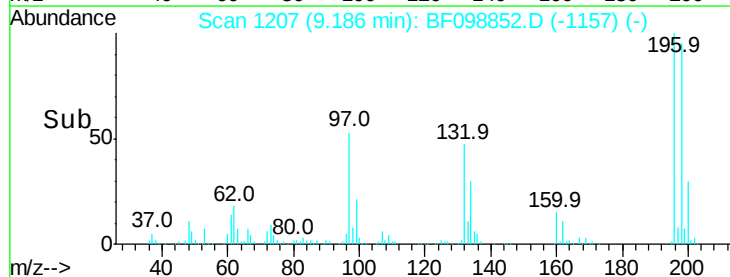
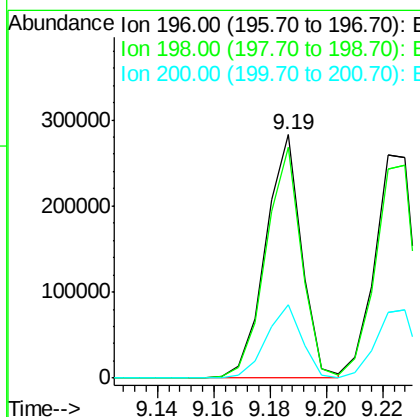
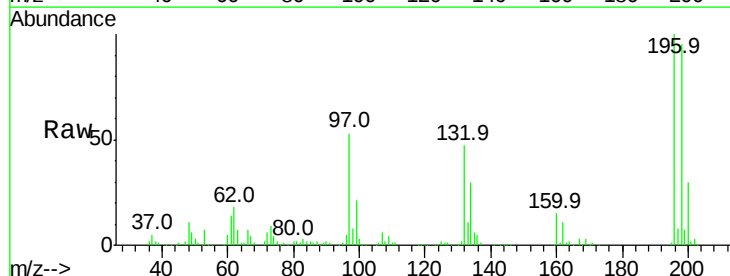
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	40.9	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 39.521 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF098852.D
 Acq: 27 Sep 2017 10:00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	75.7	113.5
200	30.3	24.5	36.7

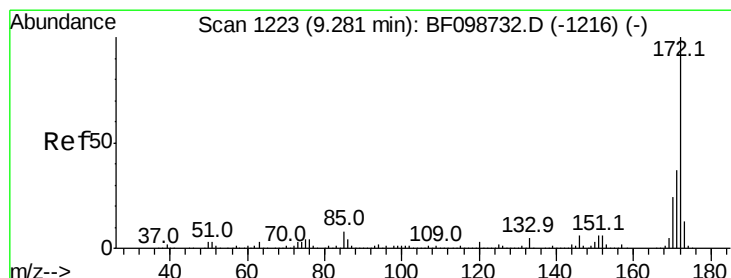
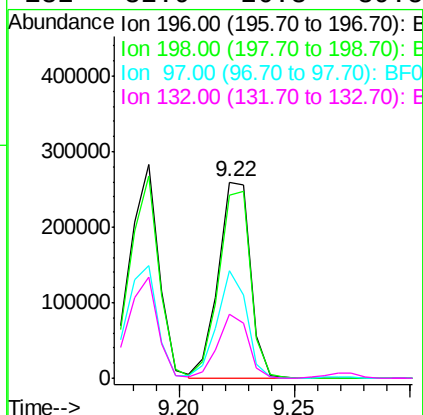
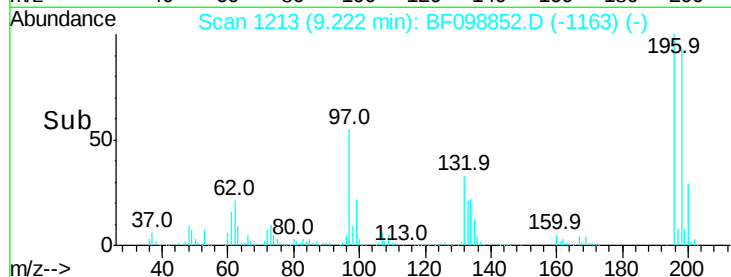
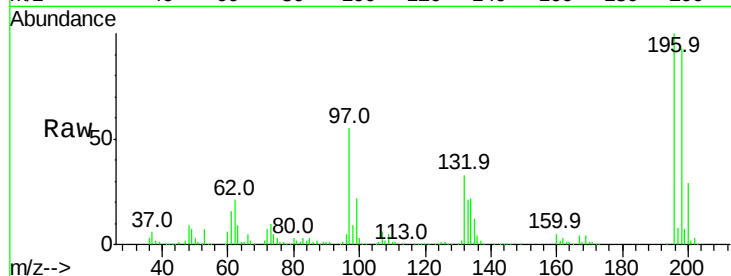




#43
 2,4,5-Trichlorophenol
 Concen: 39.995 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF098852.D
 Acq: 27 Sep 2017 10:00

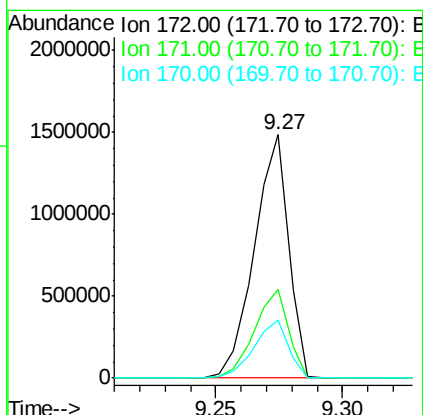
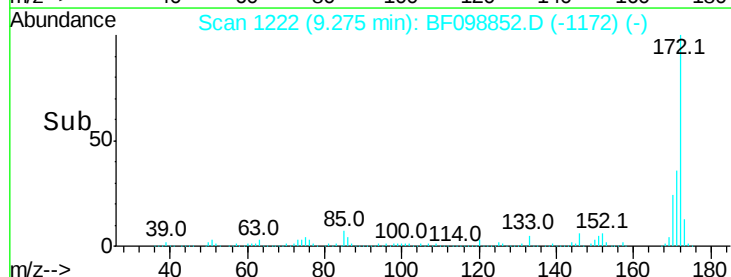
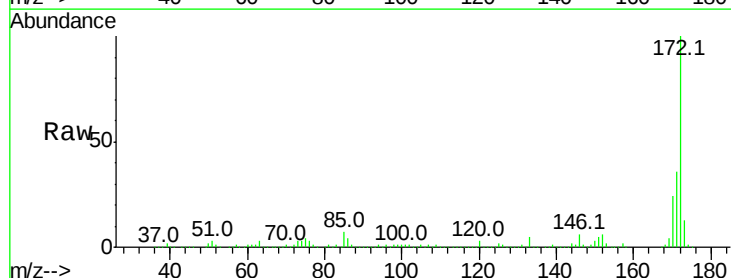
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

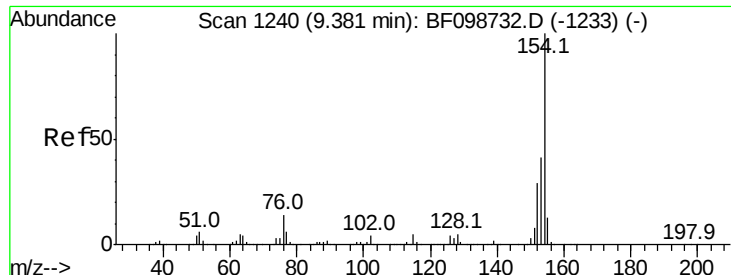
Tot Ion:	196	Resp:	250618
Ion	Ratio	Lower	Upper
196	100		
198	93.3	74.6	112.0
97	55.0	42.9	64.3
132	32.9	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 79.014 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098852.D
 Acq: 27 Sep 2017 10:00

Tgt Ion:	172	Resp:	1406249
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.1	19.6	29.4

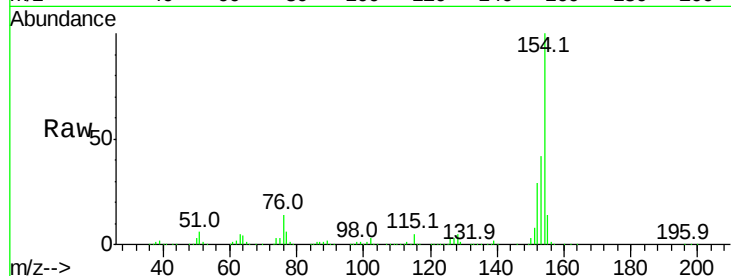




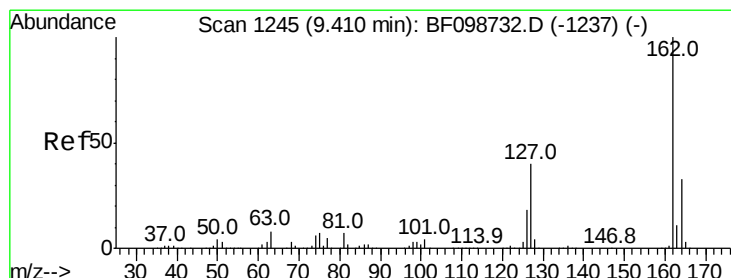
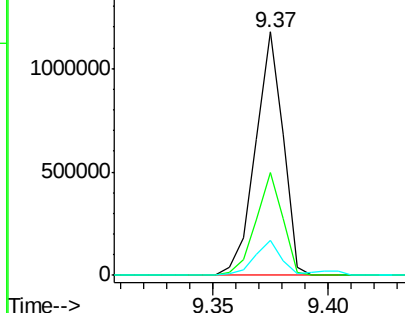
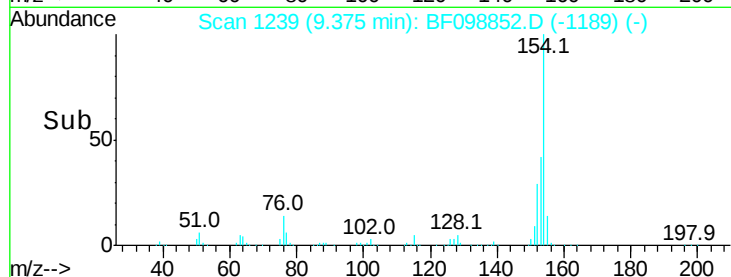
#45
 1,1'-Biphenyl
 Concen: 38.397 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF098852.D
 Acq: 27 Sep 2017 10:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.2	21.3	61.3
76	14.1	0.0	34.0

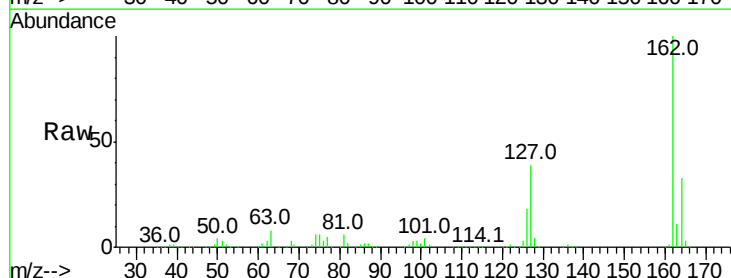


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BFO

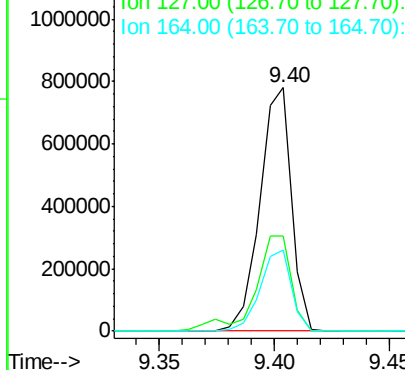
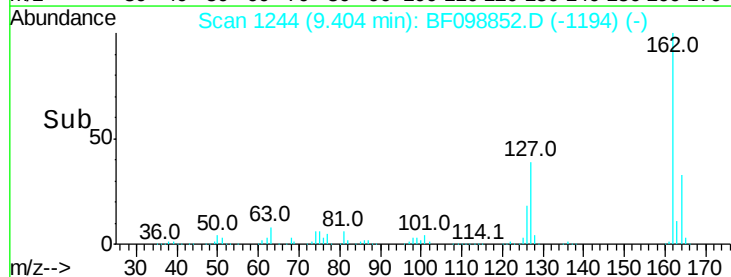


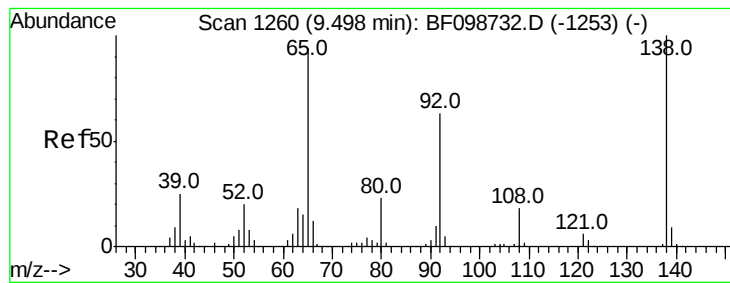
#46
 2-Chloronaphthalene
 Concen: 38.763 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BF098852.D
 Acq: 27 Sep 2017 10:00

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.9	33.9	50.9
164	33.3	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: 39.916 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BF098852.D

Acq: 27 Sep 2017 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

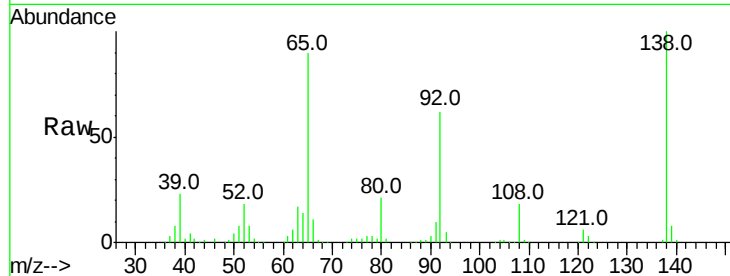
Tot Ion: 65 Resp: 234329

Ion Ratio Lower Upper

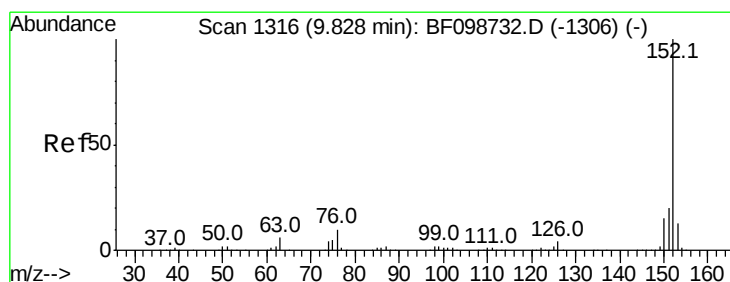
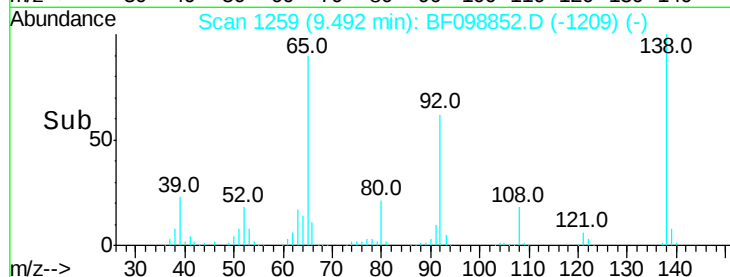
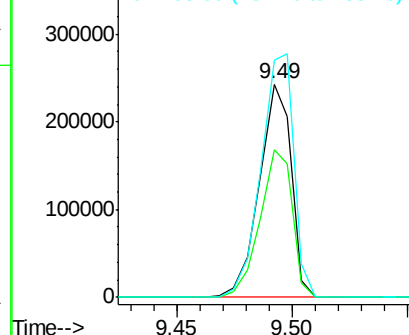
65 100

92 69.3 55.8 83.6

138 111.2 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): E



#48

Acenaphthylene

Concen: 38.714 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF098852.D

Acq: 27 Sep 2017 10:00

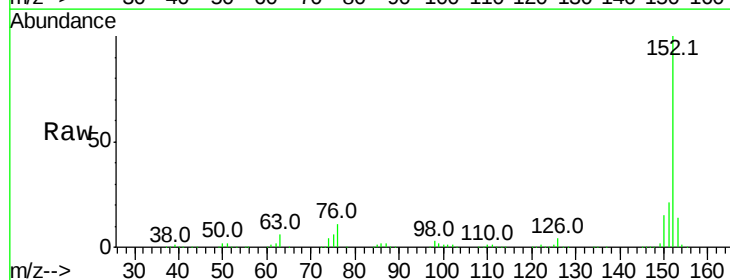
Tgt Ion:152 Resp: 1136239

Ion Ratio Lower Upper

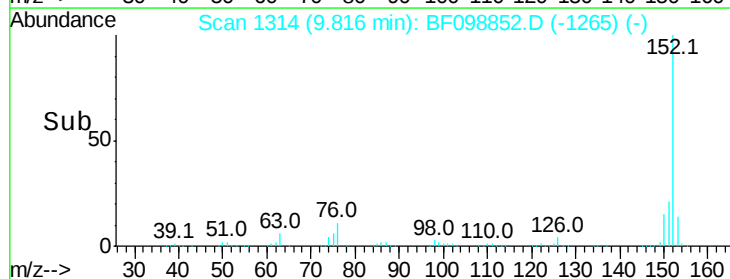
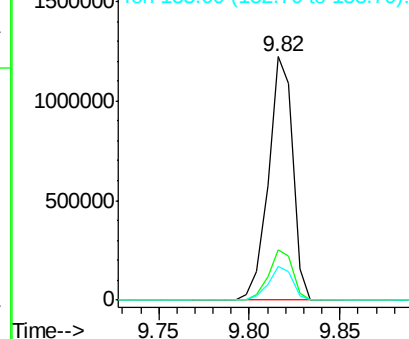
152 100

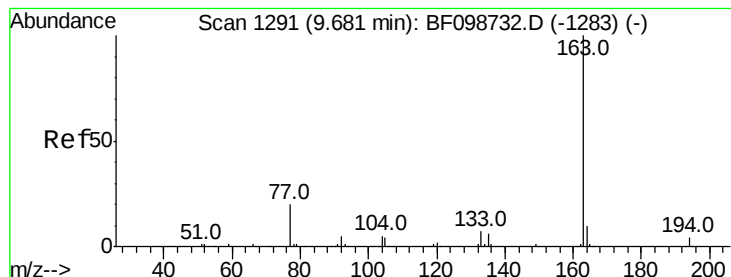
151 20.8 16.3 24.5

153 13.7 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: 39.337 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF098852.D

Acq: 27 Sep 2017 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

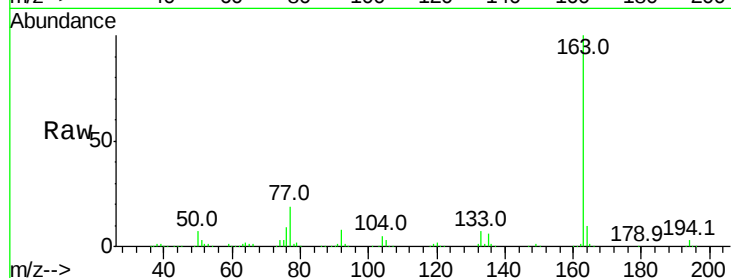
Tot Ion:163 Resp: 882099

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

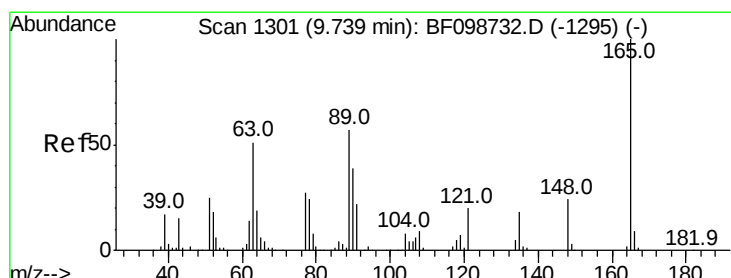
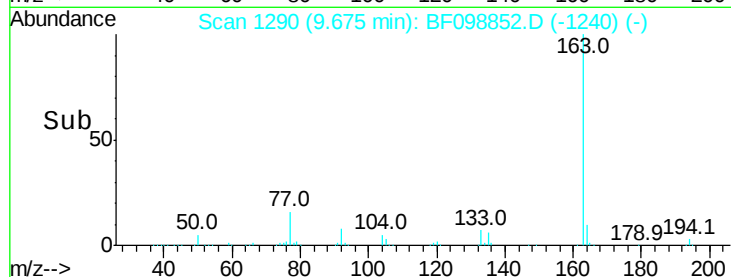
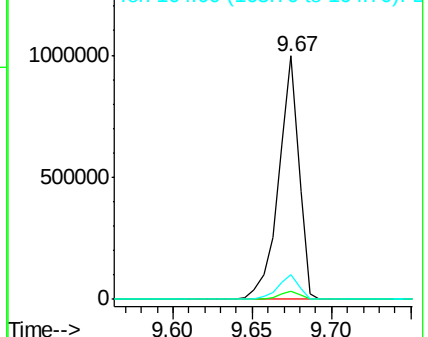
164 10.1 8.2 12.2



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: 41.188 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF098852.D

Acq: 27 Sep 2017 10:00

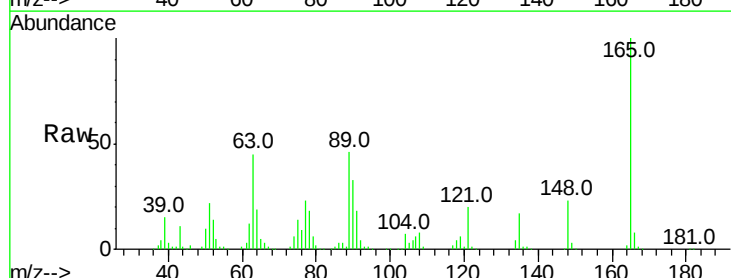
Tgt Ion:165 Resp: 201078

Ion Ratio Lower Upper

165 100

63 44.6 44.7 67.1#

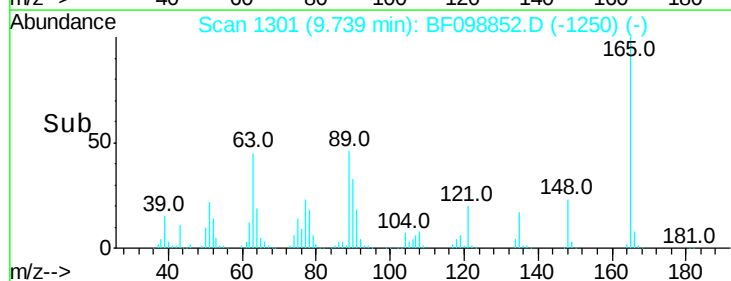
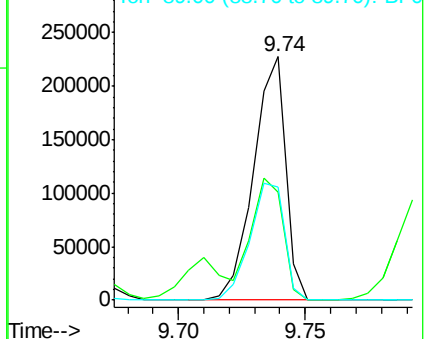
89 46.4 44.0 66.0



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: 38.972 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF098852.D

Acq: 27 Sep 2017 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

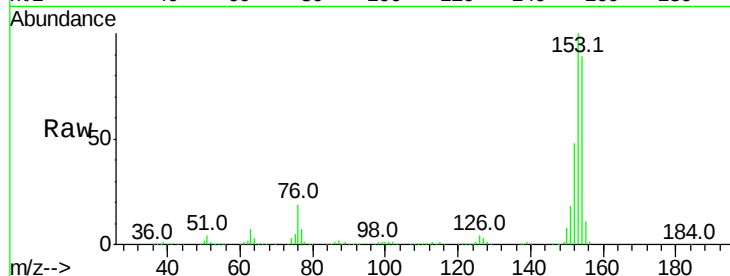
Tot Ion:154 Resp: 724539

Ion Ratio Lower Upper

154 100

153 112.2 91.2 136.8

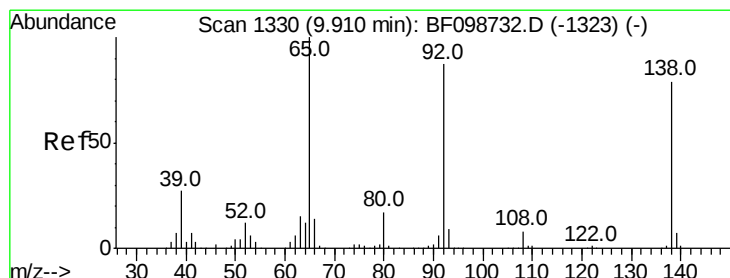
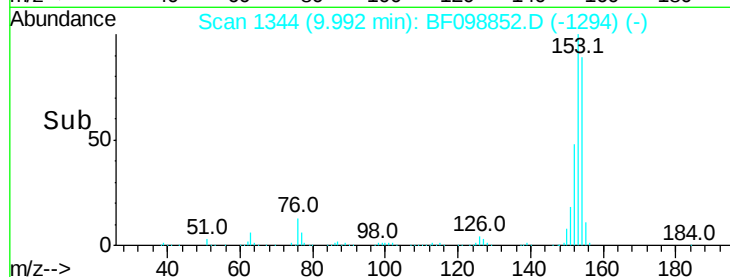
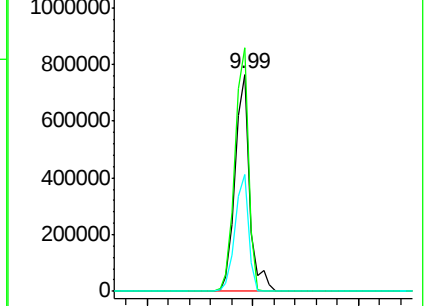
152 54.1 43.8 65.8



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: 41.209 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF098852.D

Acq: 27 Sep 2017 10:00

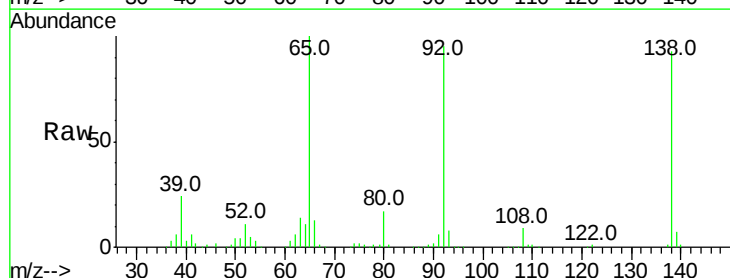
Tgt Ion:138 Resp: 234574

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

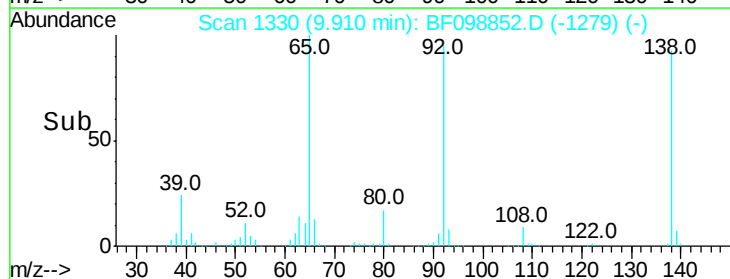
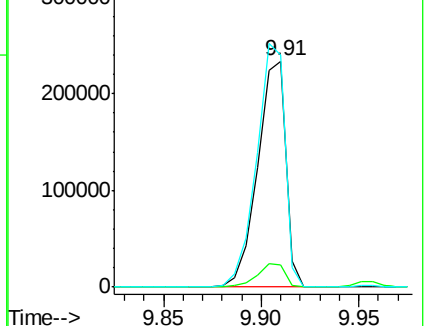
92 103.0 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

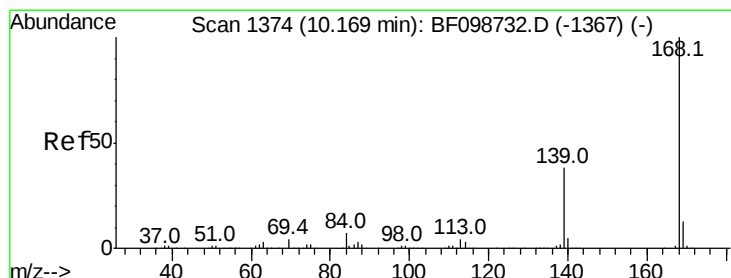
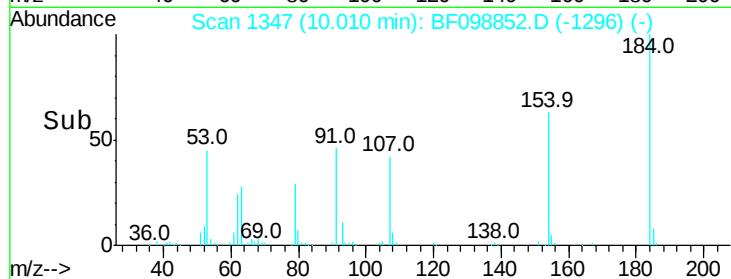
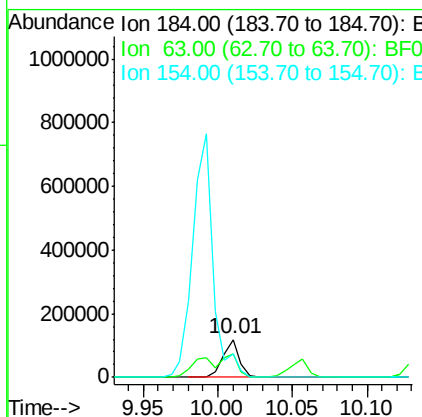
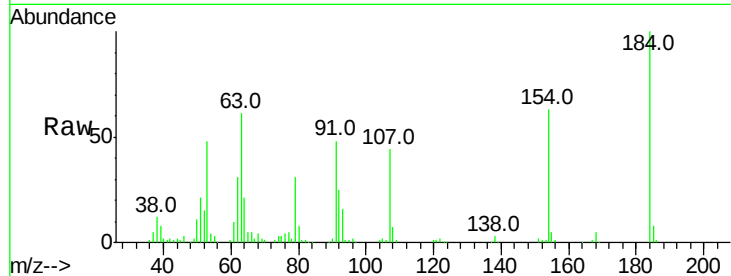




#53
2,4-Dinitrophenol
Concen: 39.785 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF098852.D
Acq: 27 Sep 2017 10:00

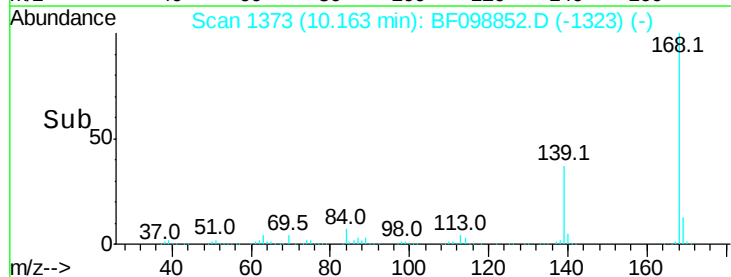
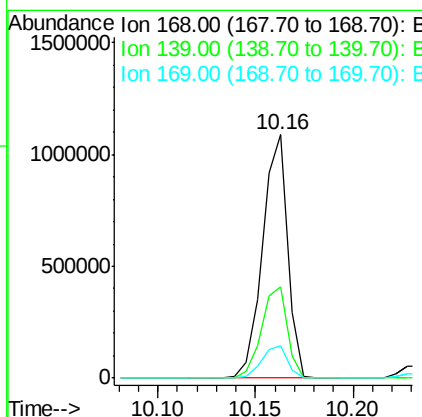
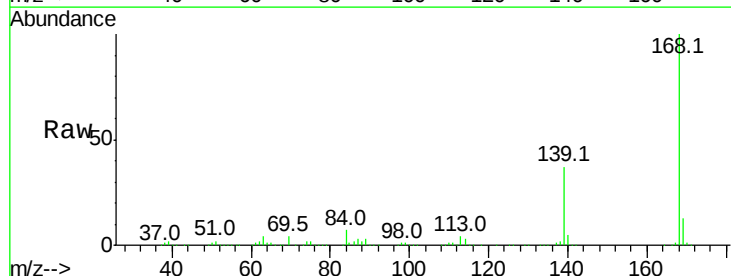
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

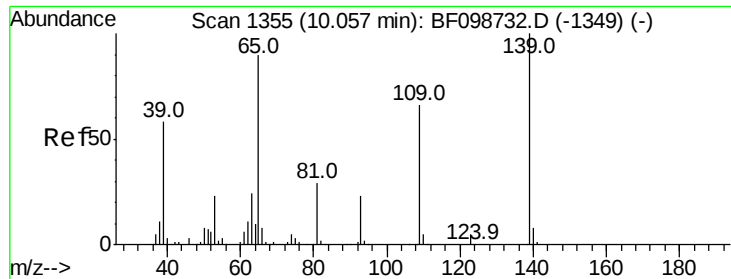
Tot Ion	Ratio	Lower	Upper
184	100		
63	61.1	54.2	81.2
154	63.4	53.5	80.3



#54
Dibenzofuran
Concen: 39.086 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF098852.D
Acq: 27 Sep 2017 10:00

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.1	45.1
169	13.1	10.9	16.3

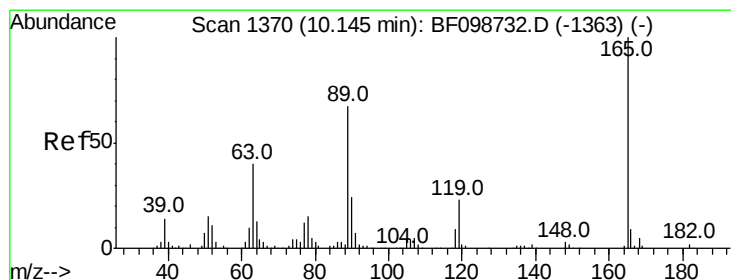
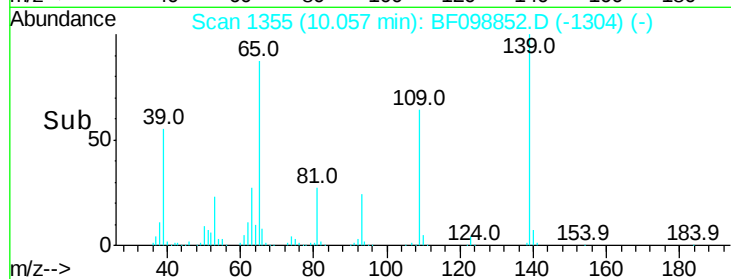
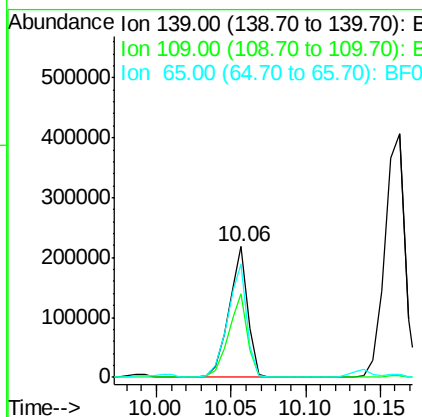
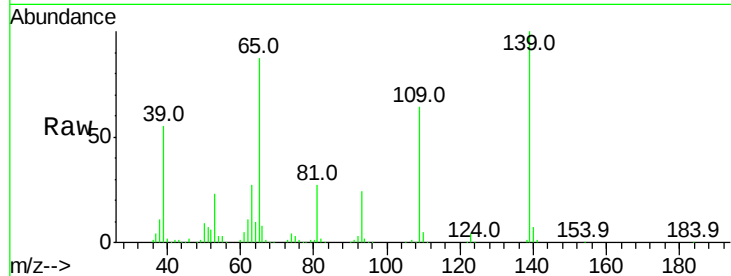




#55
4-Nitrophenol
Concen: 40.546 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF098852.D
Acq: 27 Sep 2017 10:00

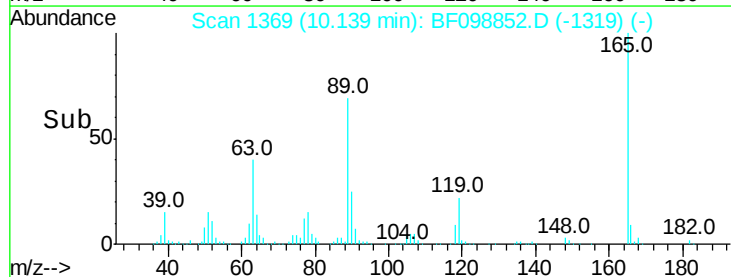
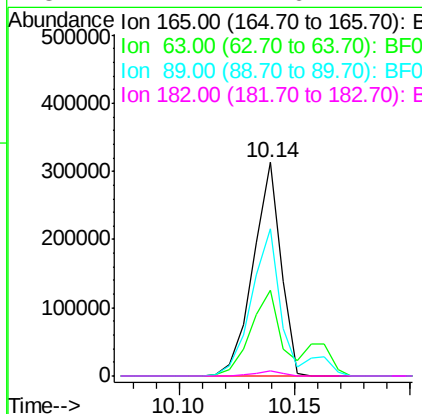
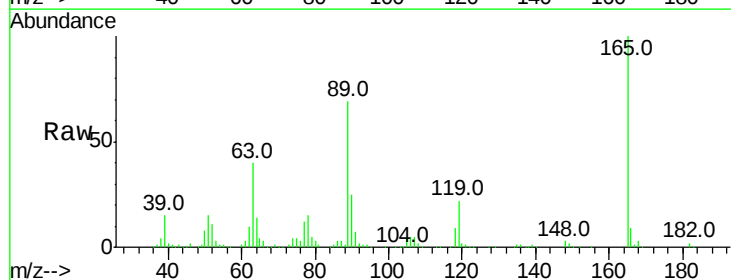
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:139 Resp: 195161
Ion Ratio Lower Upper
139 100
109 63.7 48.4 88.4
65 86.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 41.668 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF098852.D
Acq: 27 Sep 2017 10:00

Tgt Ion:165 Resp: 264003
Ion Ratio Lower Upper
165 100
63 40.0 36.4 54.6
89 68.7 57.8 86.6
182 2.4 1.6 2.4

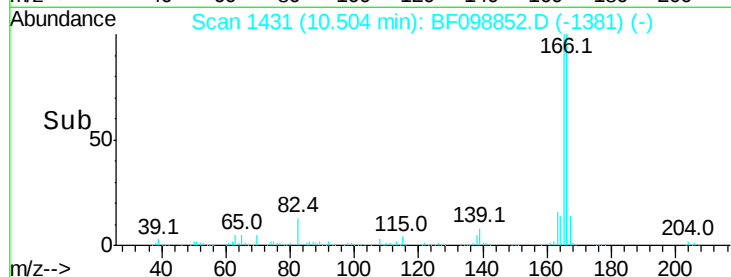
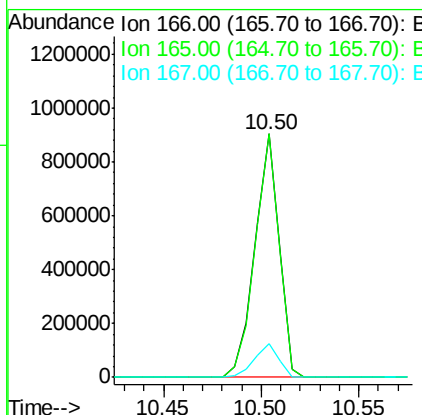
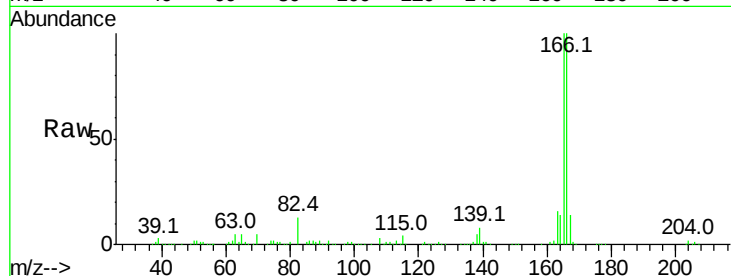




#57
 Fluorene
 Concen: 39.093 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF098852.D
 Acq: 27 Sep 2017 10:00

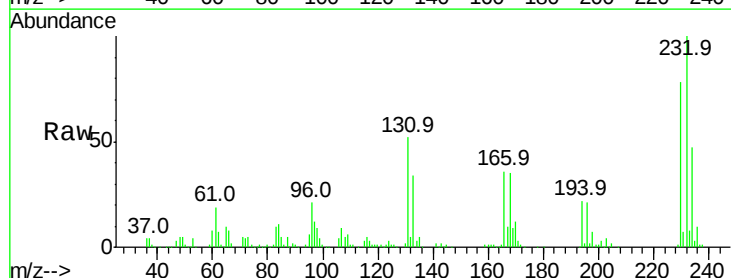
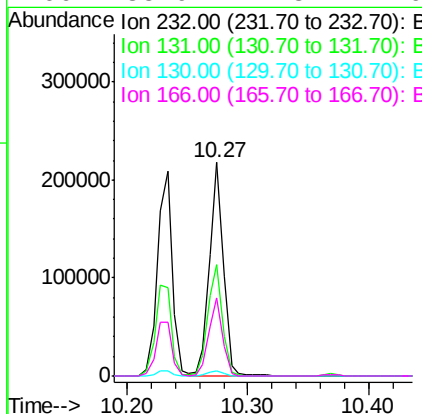
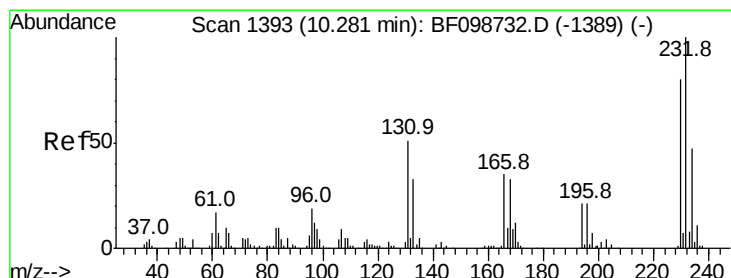
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

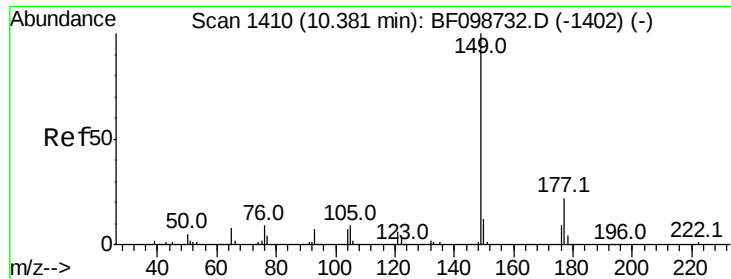
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.8	119.8
167	13.6	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.355 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF098852.D
 Acq: 27 Sep 2017 10:00

Tgt Ion	Ratio	Lower	Upper
232	100		
131	54.3	43.8	65.8
130	2.5	2.1	3.1
166	35.9	27.8	41.6

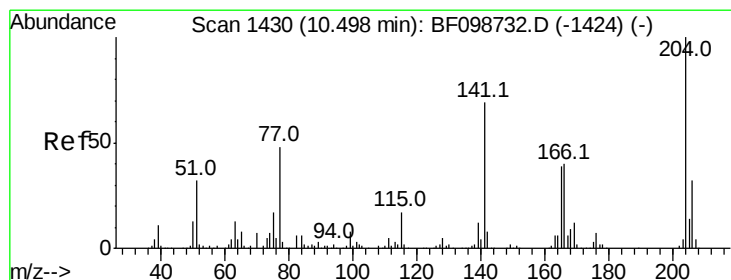
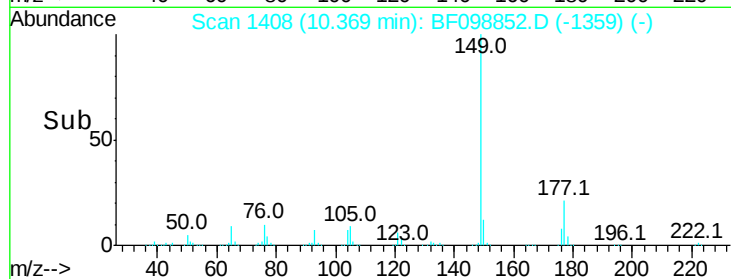
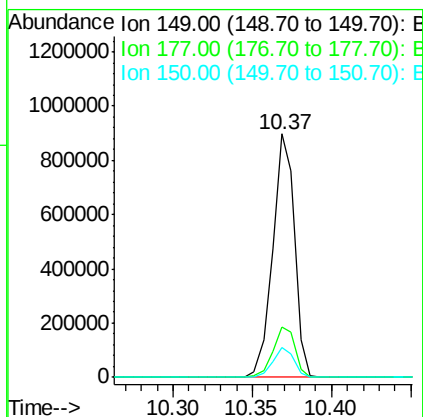
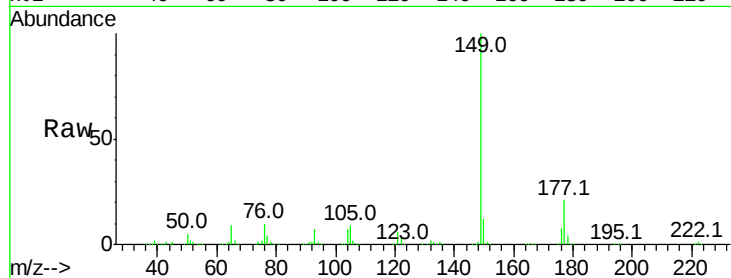




#59
Diethylphthalate
Concen: 39.414 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF098852.D
Acq: 27 Sep 2017 10:00

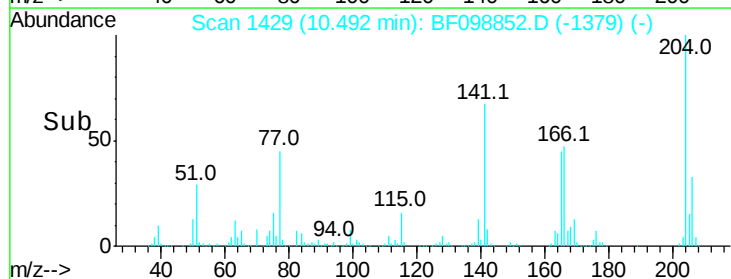
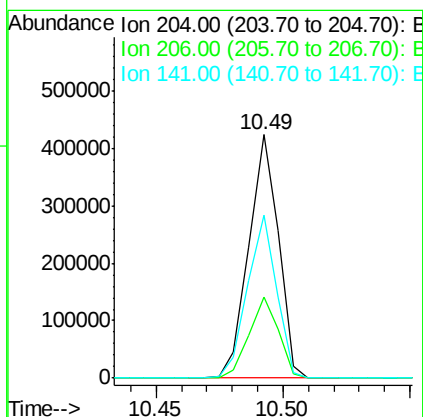
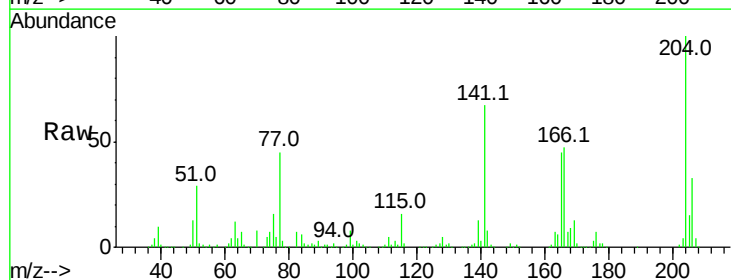
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

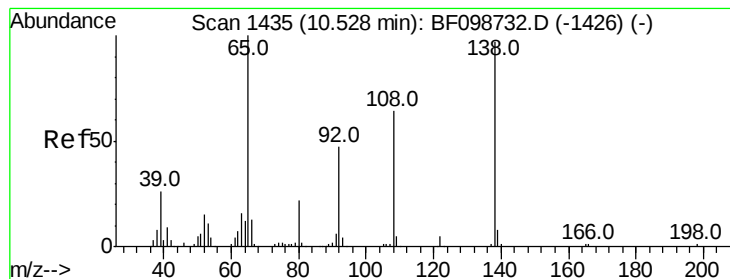
Tot Ion:149 Resp: 863643
Ion Ratio Lower Upper
149 100
177 20.8 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 38.744 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF098852.D
Acq: 27 Sep 2017 10:00

Tgt Ion:204 Resp: 346270
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 66.9 54.6 81.8





#61

4-Nitroaniline

Concen: 41.571 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF098852.D

Acq: 27 Sep 2017 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

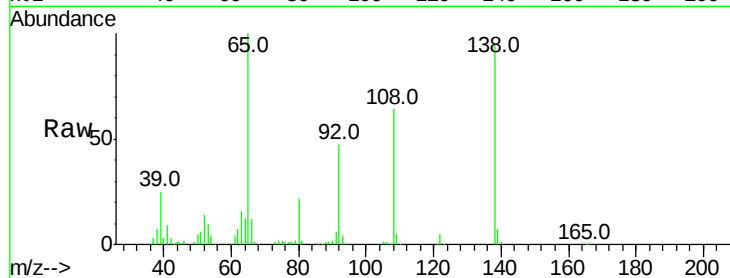
Tot Ion:138 Resp: 228301

Ion Ratio Lower Upper

138 100

92 49.3 30.2 70.2

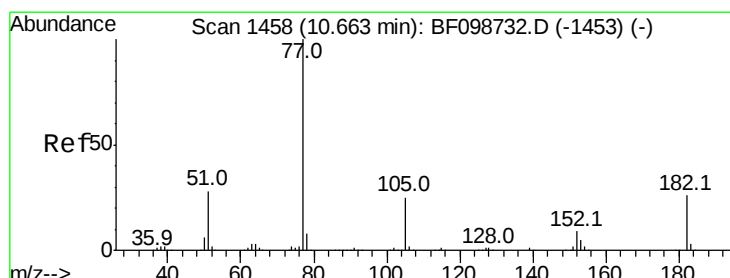
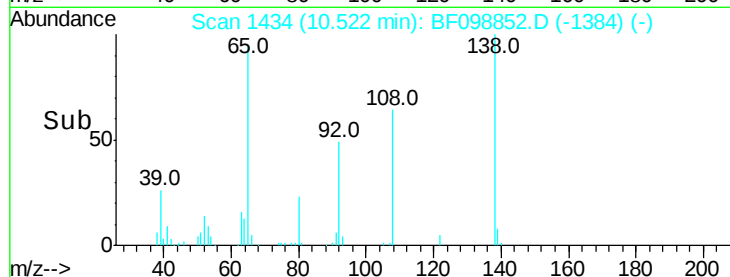
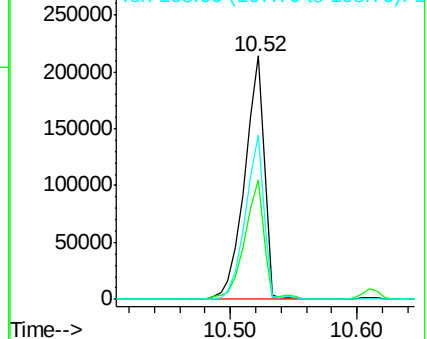
108 67.4 52.5 92.5



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: 38.303 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF098852.D

Acq: 27 Sep 2017 10:00

Tgt Ion: 77 Resp: 771698

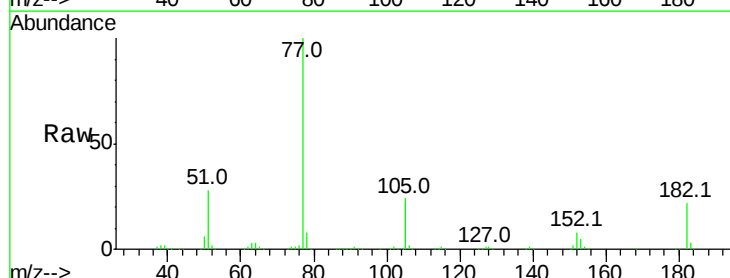
Ion Ratio Lower Upper

77 100

182 21.9 1.7 41.7

105 23.7 3.0 43.0

51 28.5 9.9 49.9

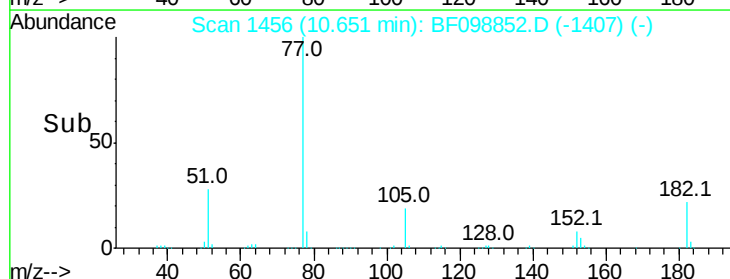
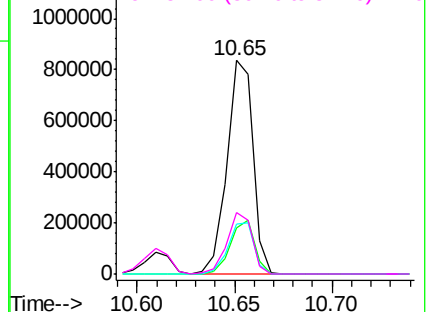


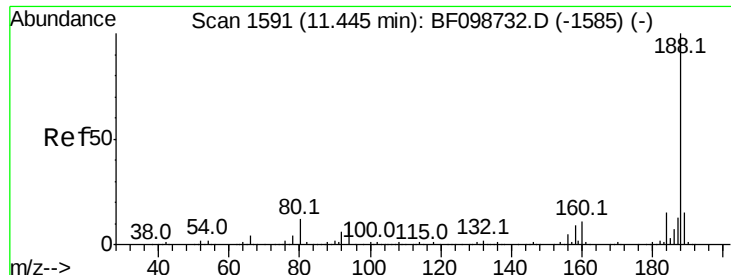
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF098852.D

Acq: 27 Sep 2017 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

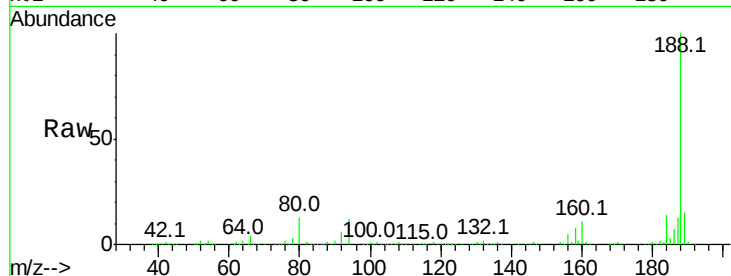
Tot Ion:188 Resp: 530040

Ion Ratio Lower Upper

188 100

94 11.6 8.5 12.7

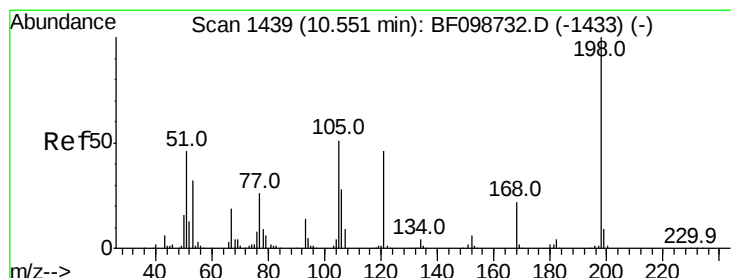
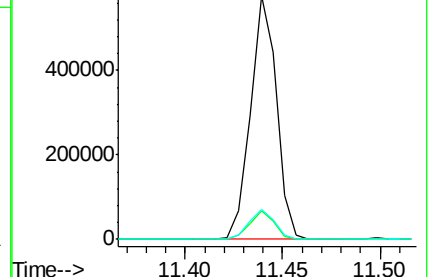
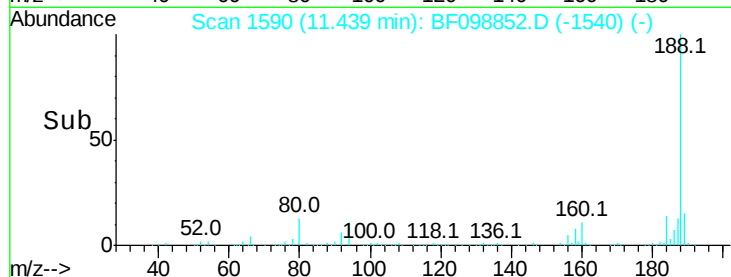
80 12.5 9.2 13.8



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: 41.602 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF098852.D

Acq: 27 Sep 2017 10:00

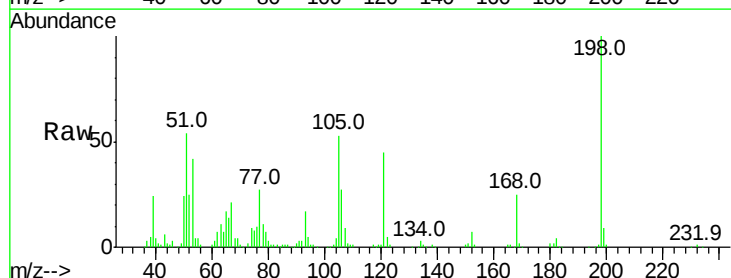
Tgt Ion:198 Resp: 134161

Ion Ratio Lower Upper

198 100

51 54.0 37.7 77.7

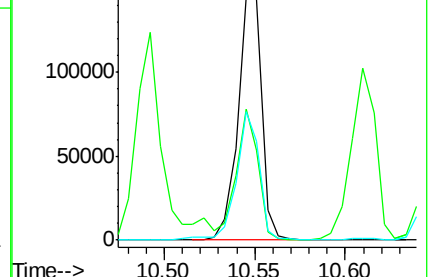
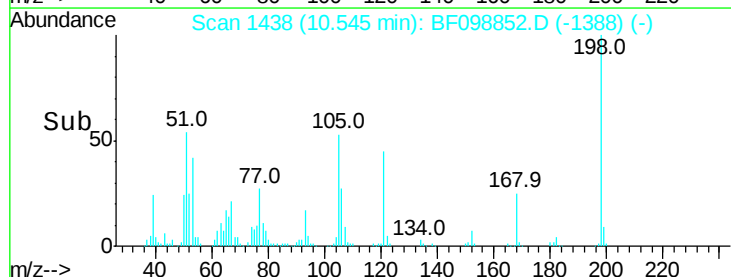
105 52.7 36.3 76.3

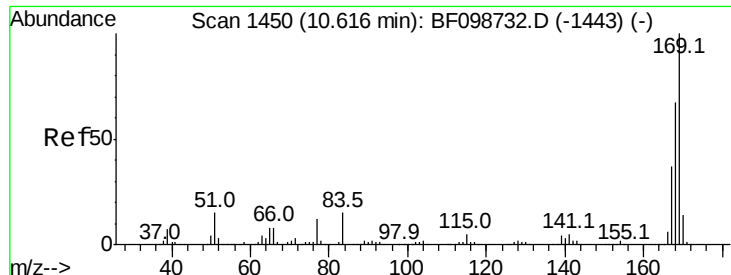


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

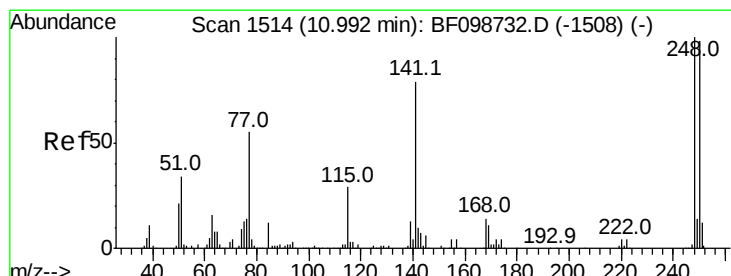
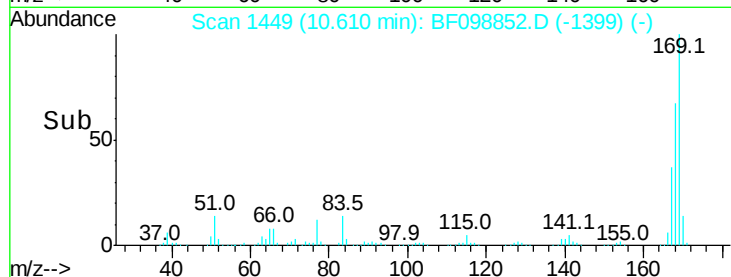
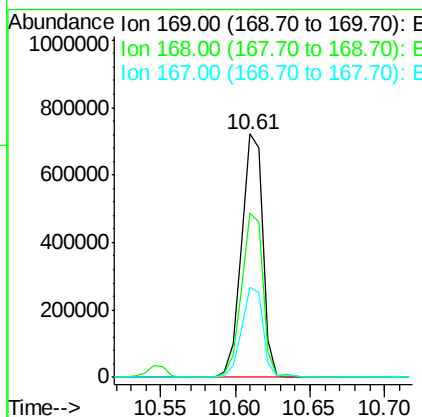
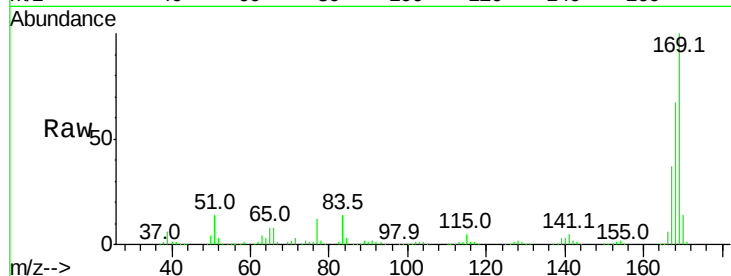




#65
 n-Nitrosodiphenylamine
 Concen: 38.763 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF098852.D
 Acq: 27 Sep 2017 10:00

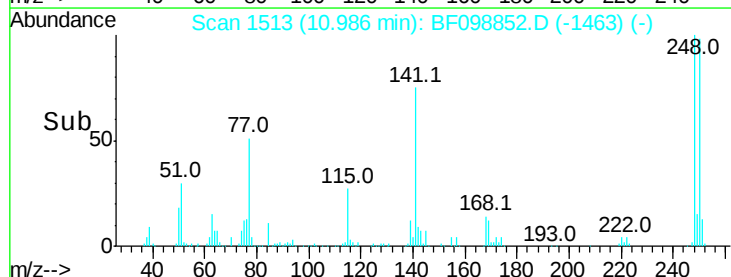
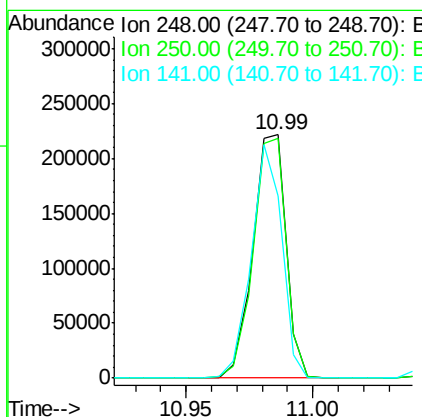
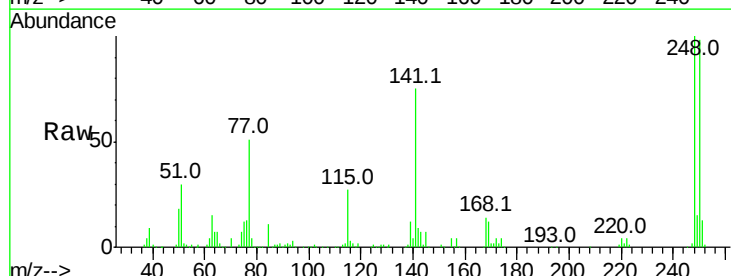
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.4	54.4	81.6
167	37.1	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 39.045 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF098852.D
 Acq: 27 Sep 2017 10:00

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.3	76.9	115.3
141	74.6	74.4	111.6

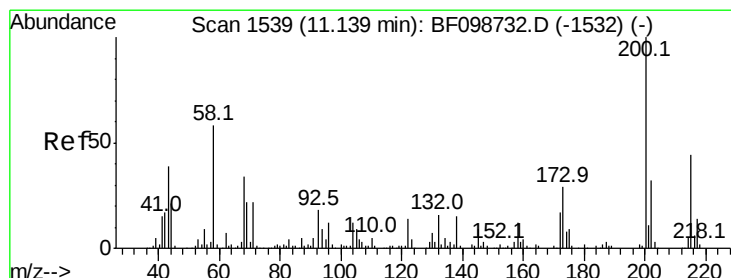
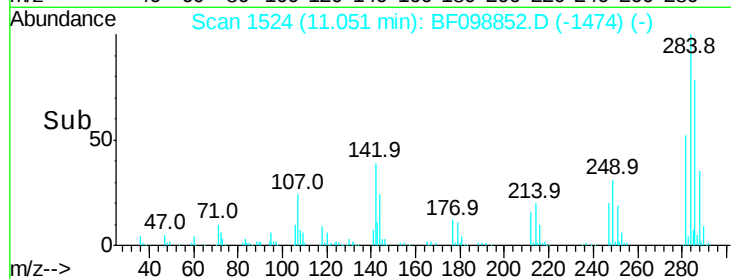
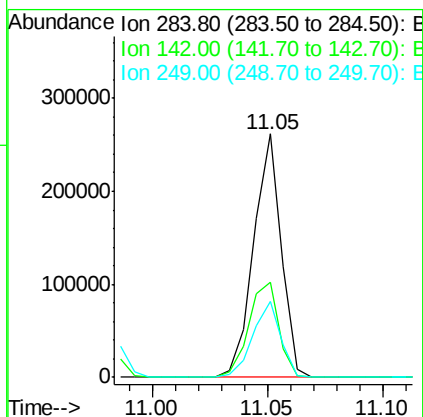
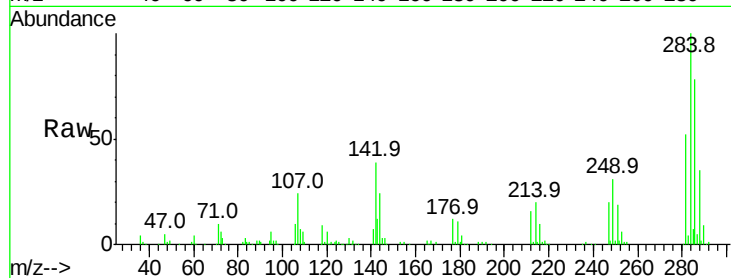




#67
Hexachlorobenzene
Concen: 39.435 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF098852.D
Acq: 27 Sep 2017 10:00

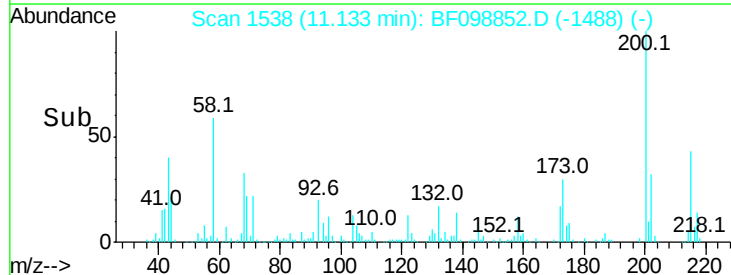
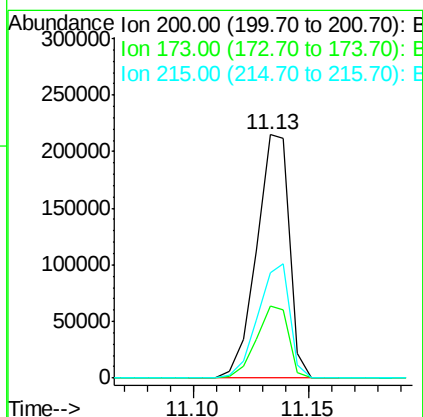
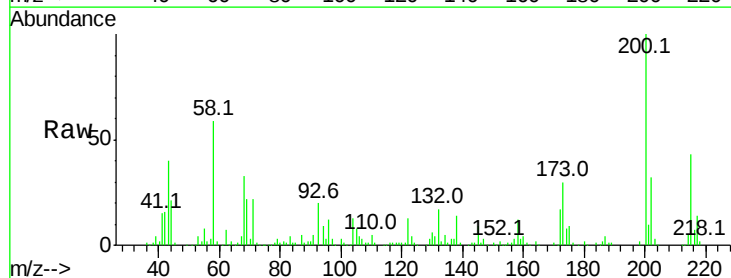
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
284	100		
142	39.1	34.6	52.0
249	31.0	24.8	37.2



#68
Atrazine
Concen: 38.410 ng
RT: 11.13 min Scan# 1538
Delta R.T. -0.01 min
Lab File: BF098852.D
Acq: 27 Sep 2017 10:00

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.6	8.6	48.6
215	43.3	25.1	65.1

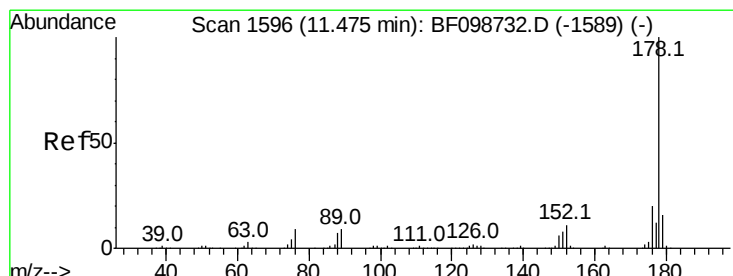
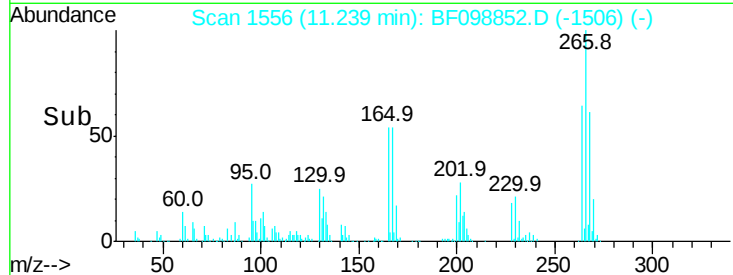
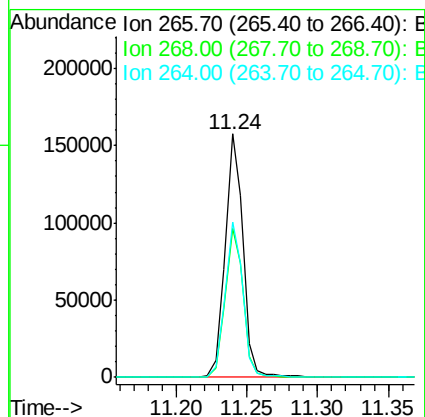
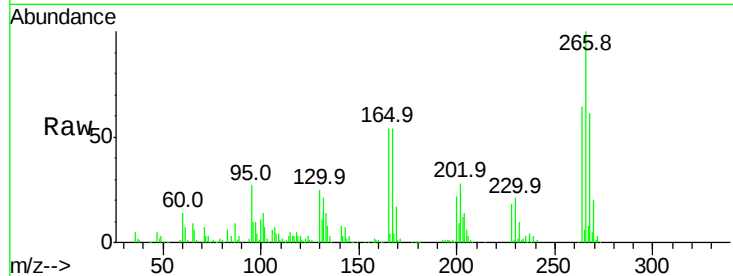




#69
 Pentachlorophenol
 Concen: 40.101 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF098852.D
 Acq: 27 Sep 2017 10:00

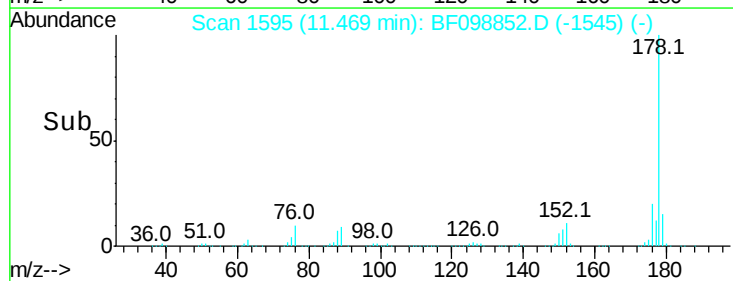
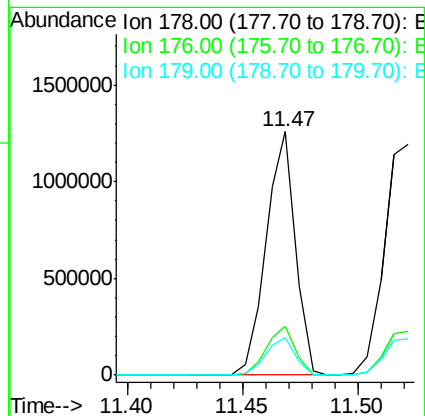
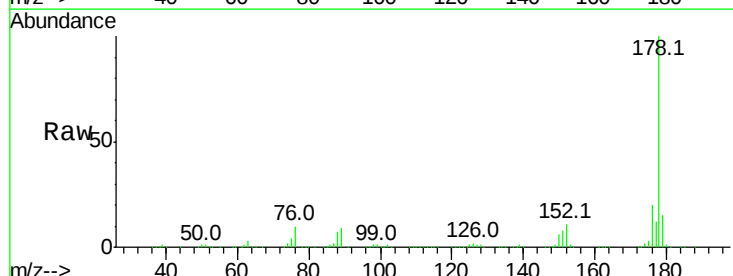
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.0	51.1	76.7
264	63.7	49.5	74.3



#70
 Phenanthrene
 Concen: 38.958 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF098852.D
 Acq: 27 Sep 2017 10:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.4	13.0	19.6

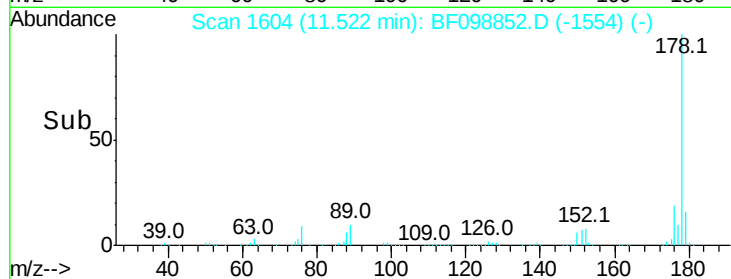
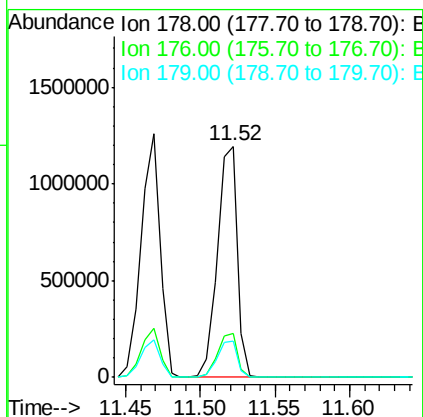
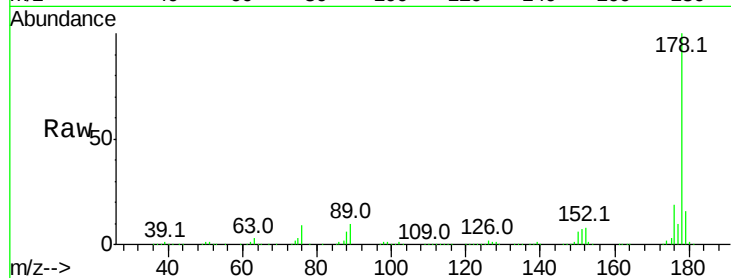




#71
 Anthracene
 Concen: 38.521 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF098852.D
 Acq: 27 Sep 2017 10:00

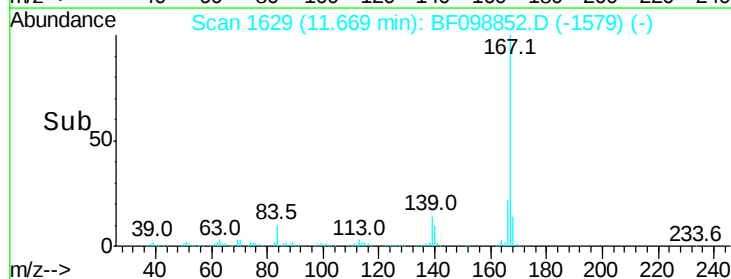
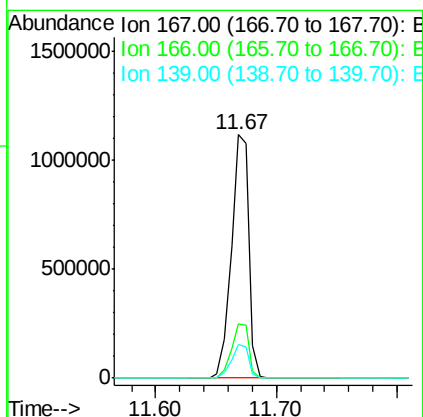
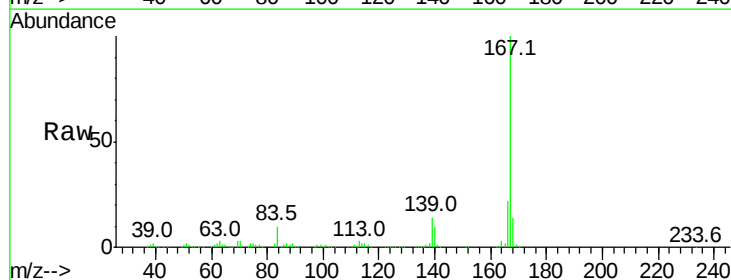
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

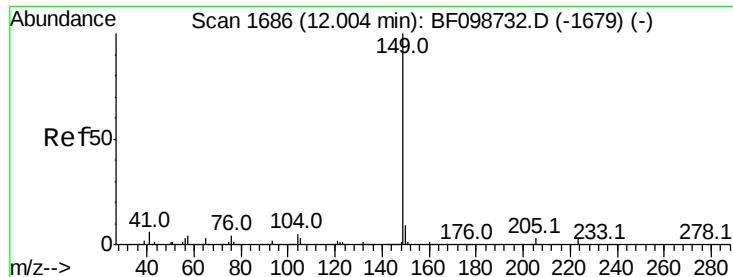
Tot Ion:178 Resp: 1118259
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 39.269 ng
 RT: 11.67 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF098852.D
 Acq: 27 Sep 2017 10:00

Tgt Ion:167 Resp: 1116336
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.9 10.9 16.3





#73

Di-n-butylphthalate

Concen: 39.344 ng

RT: 11.99 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BF098852.D

Acq: 27 Sep 2017 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

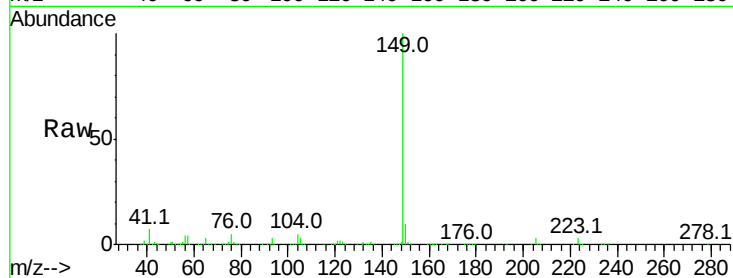
Tot Ion:149 Resp: 1346245

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	4.9	3.8	5.8

149 100

150 9.6 7.8 11.6

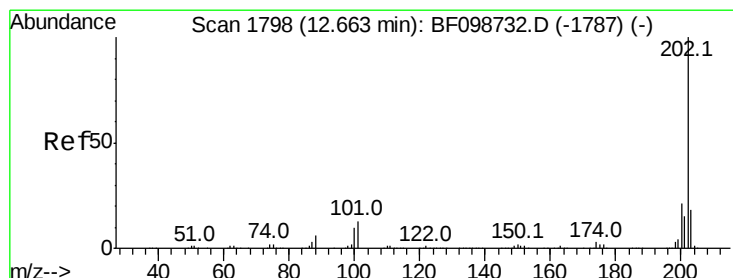
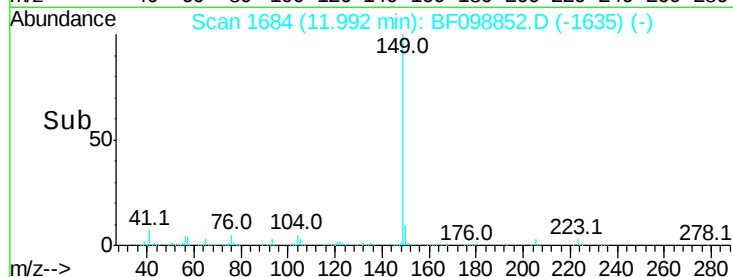
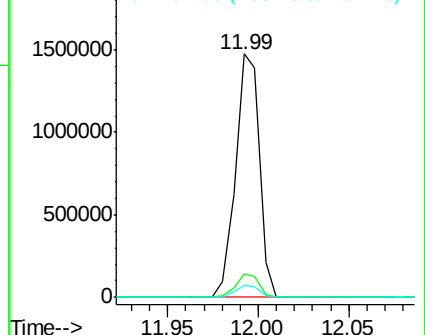
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.280 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF098852.D

Acq: 27 Sep 2017 10:00

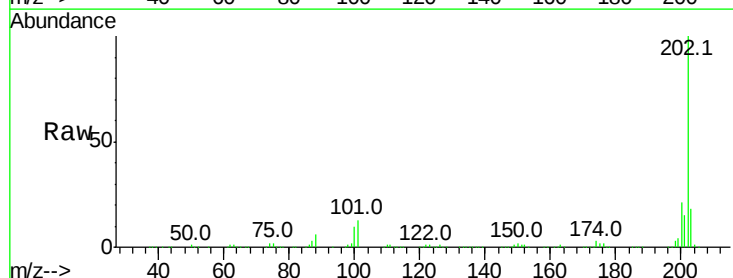
Tgt Ion:202 Resp: 1128477

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	34.1
203	17.7	0.0	38.1

202 100

101 13.5 0.0 34.1

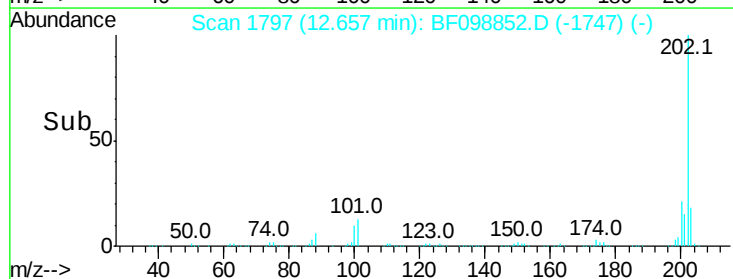
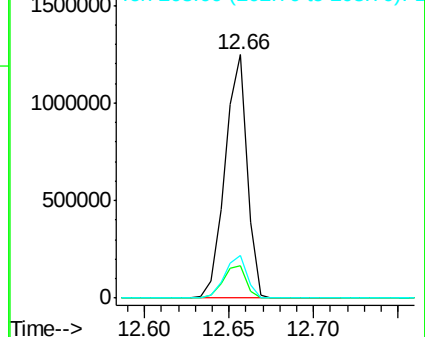
203 17.7 0.0 38.1

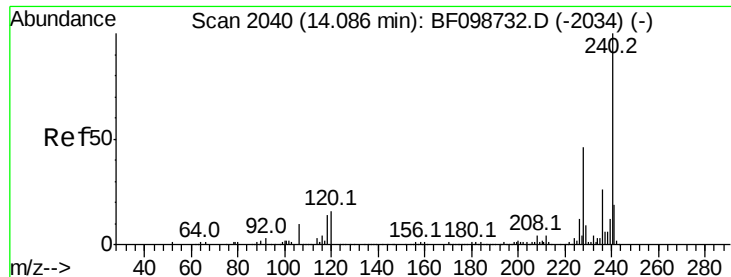


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098852.D

Acq: 27 Sep 2017 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

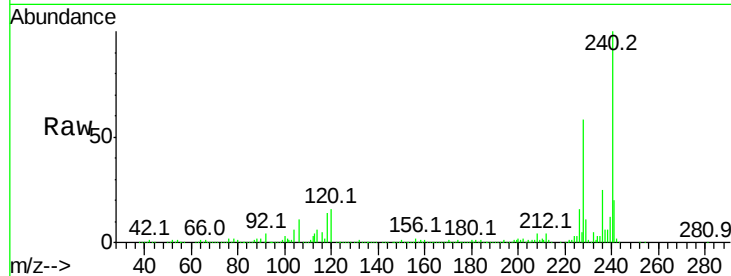
Tot Ion:240 Resp: 399295

Ion Ratio Lower Upper

240 100

120 15.8 9.5 14.3#

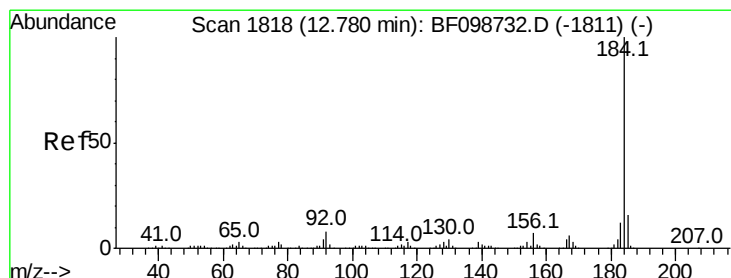
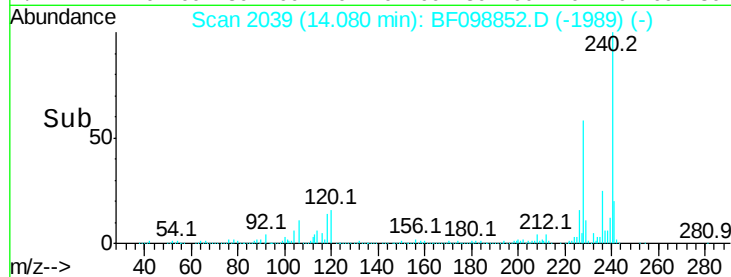
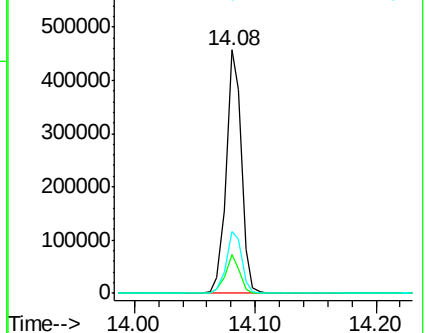
236 25.3 20.7 31.1



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: 40.659 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF098852.D

Acq: 27 Sep 2017 10:00

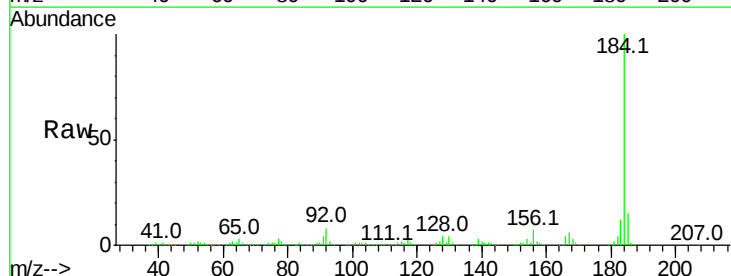
Tgt Ion:184 Resp: 600478

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

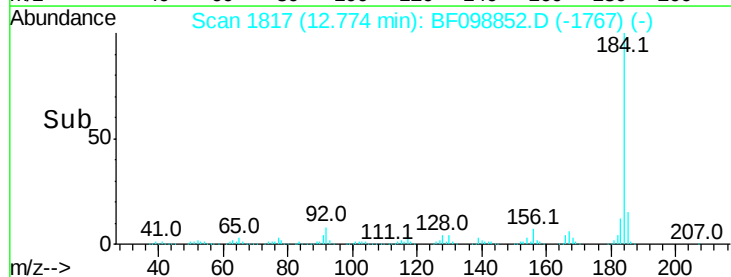
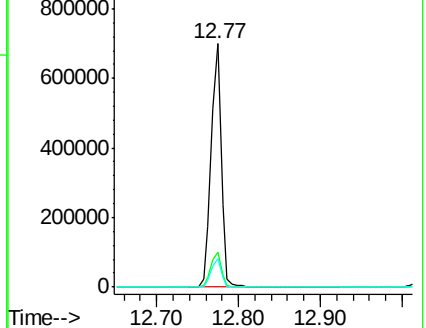
183 11.8 9.3 13.9

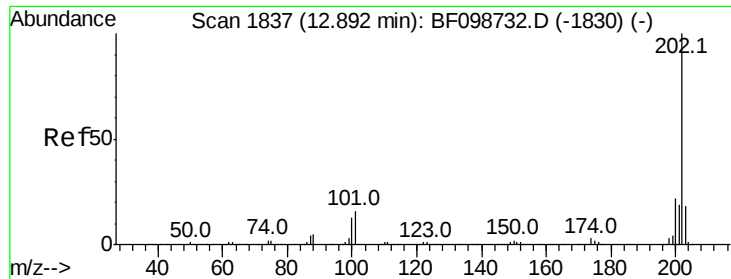


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

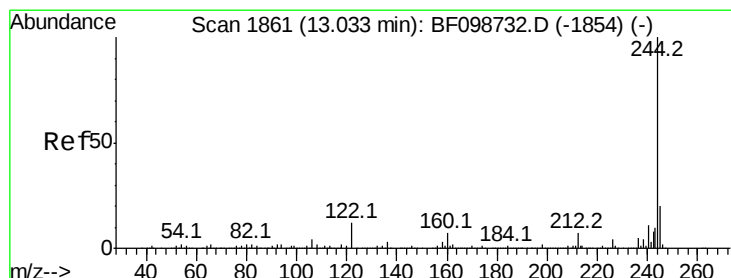
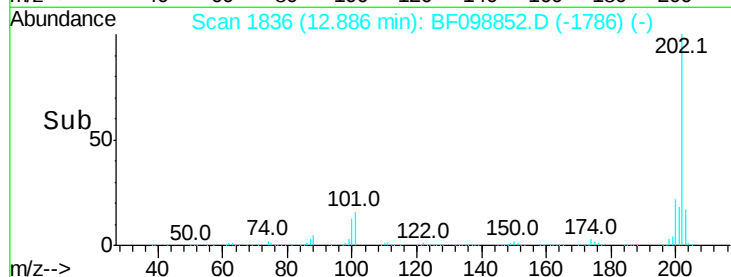
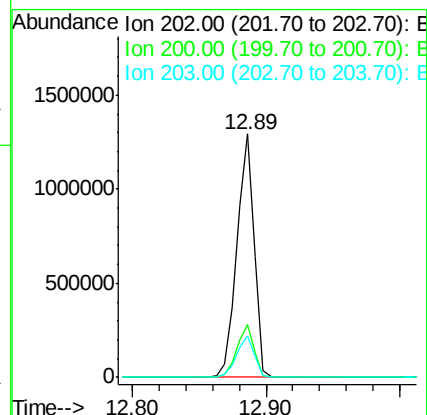
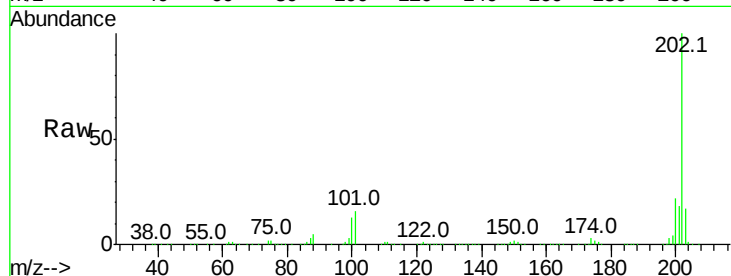




#77
Pvrene
Concen: 38.715 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF098852.D
Acq: 27 Sep 2017 10:00

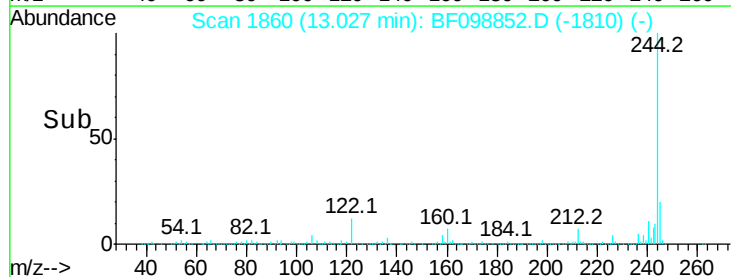
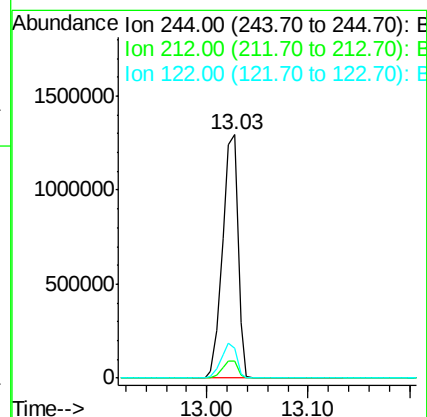
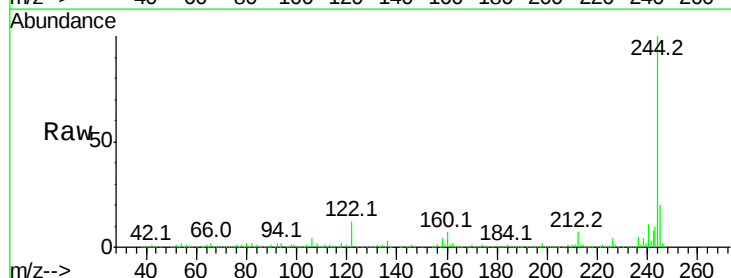
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

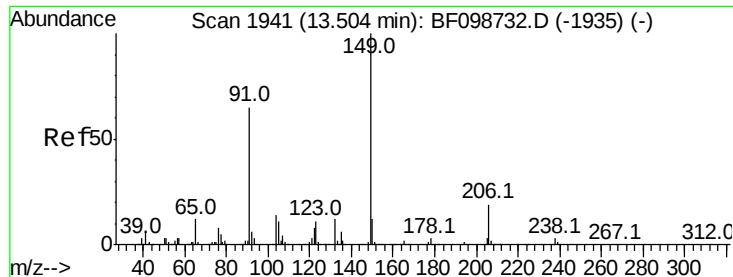
Tot Ion:202 Resp: 1178773
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 17.2 14.3 21.5



#78
Terphenyl-d14
Concen: 78.099 ng
RT: 13.03 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BF098852.D
Acq: 27 Sep 2017 10:00

Tgt Ion:244 Resp: 1371231
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 12.5 11.0 16.4

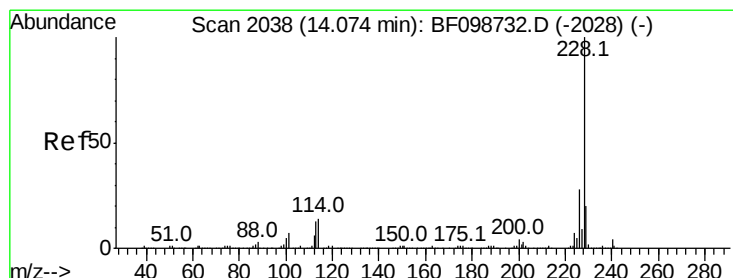
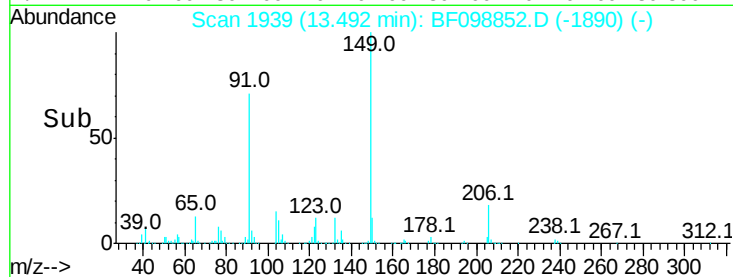
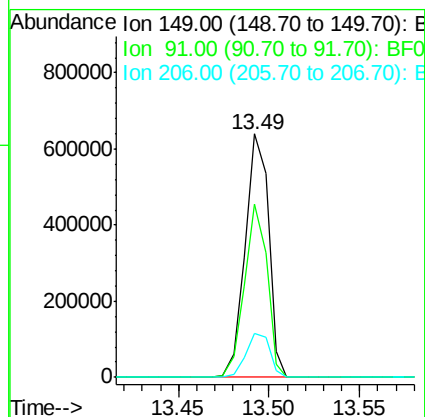
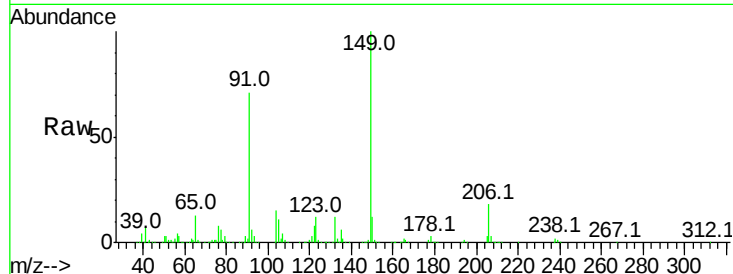




#79
Butylbenzylphthalate
Concen: 40.176 ng
RT: 13.49 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BF098852.D
Acq: 27 Sep 2017 10:00

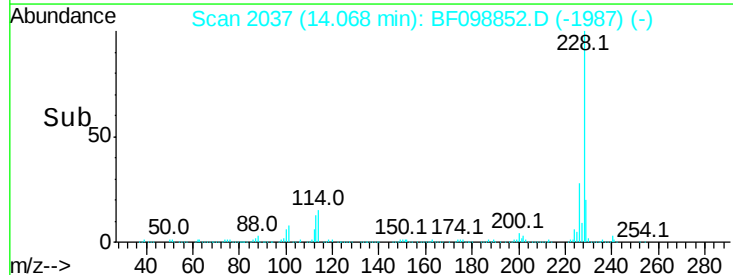
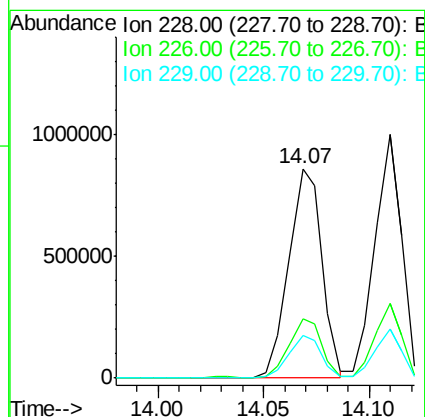
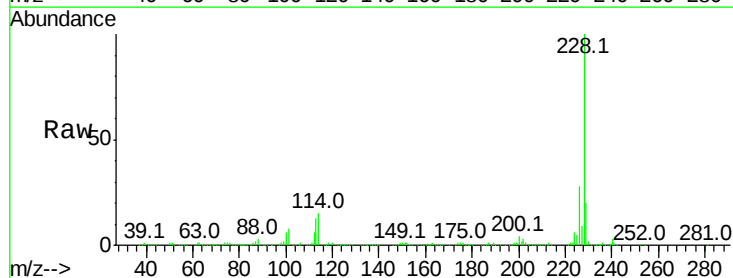
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

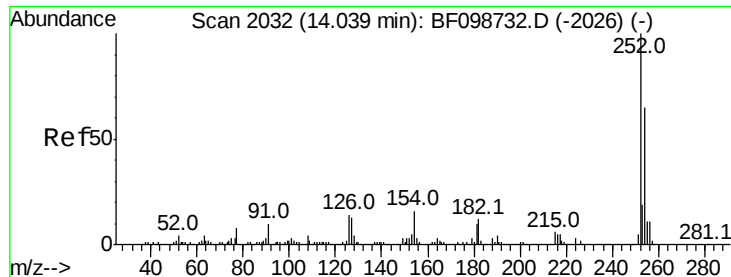
Tot Ion:149 Resp: 574901
Ion Ratio Lower Upper
149 100
91 70.9 56.8 85.2
206 18.0 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.024 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF098852.D
Acq: 27 Sep 2017 10:00

Tgt Ion:228 Resp: 943527
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 20.5 15.8 23.6

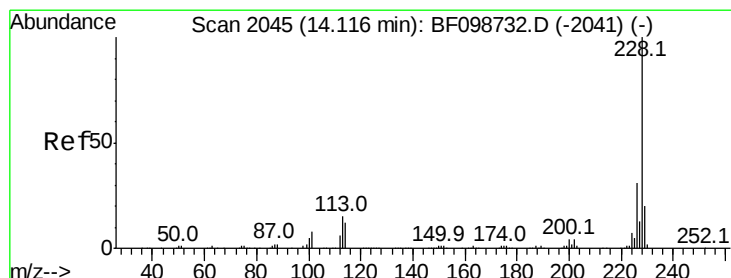
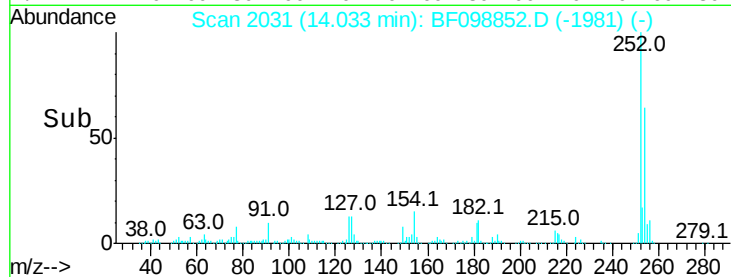
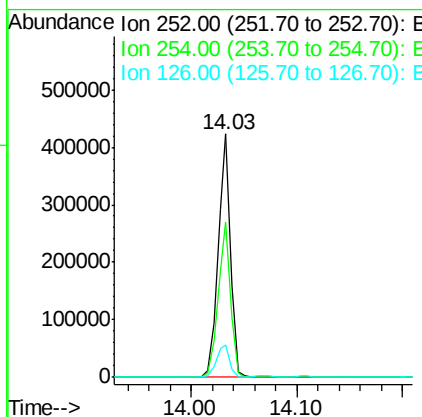
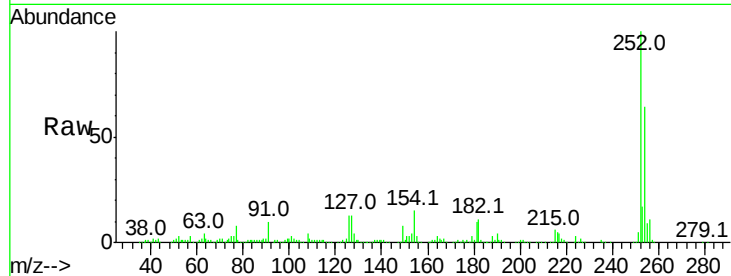




#81
 3,3'-Dichlorobenzidine
 Concen: 39.820 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF098852.D
 Acq: 27 Sep 2017 10:00

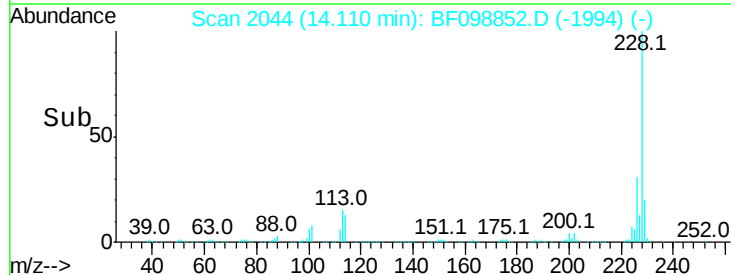
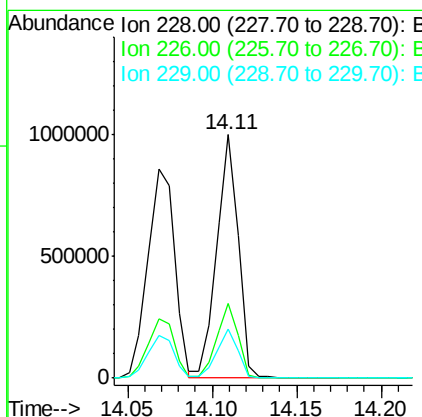
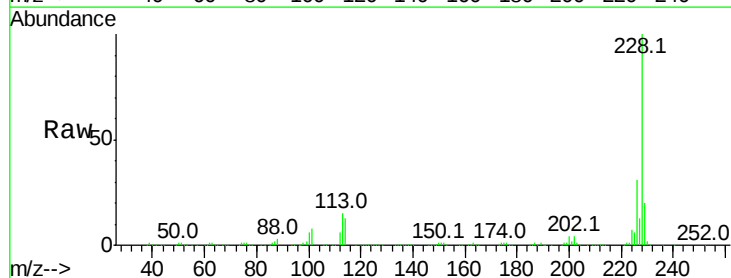
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:252 Resp: 352943
 Ion Ratio Lower Upper
 252 100
 254 63.7 50.4 75.6
 126 13.4 11.3 16.9



#82
 Chrysene
 Concen: 38.961 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF098852.D
 Acq: 27 Sep 2017 10:00

Tgt Ion:228 Resp: 896840
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.0 37.6
 229 20.3 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.609 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF098852.D

Acq: 27 Sep 2017 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

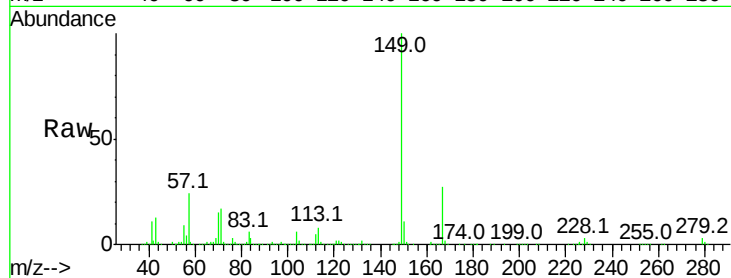
Tot Ion:149 Resp: 800149

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

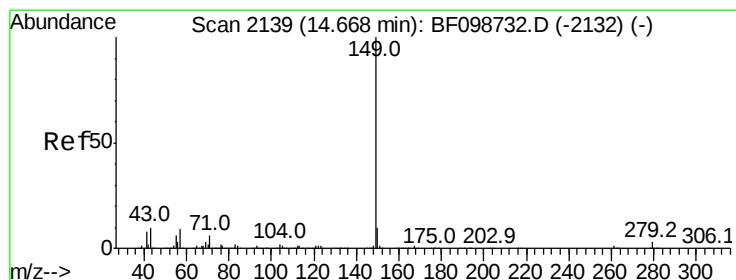
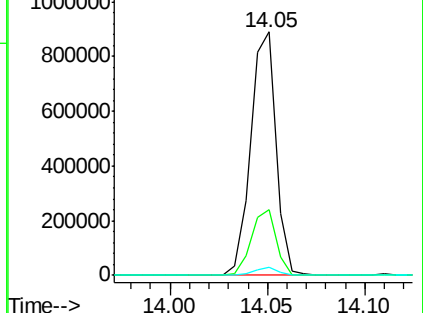
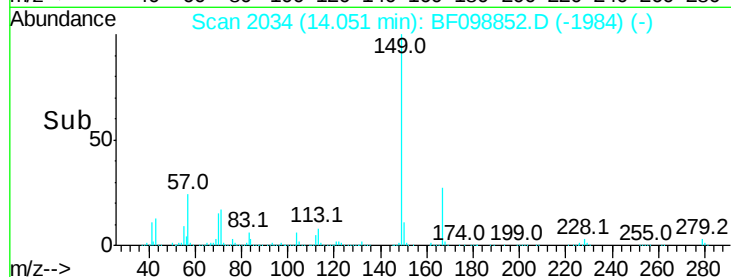
279 3.2 3.0 4.4



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: 41.928 ng

RT: 14.66 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BF098852.D

Acq: 27 Sep 2017 10:00

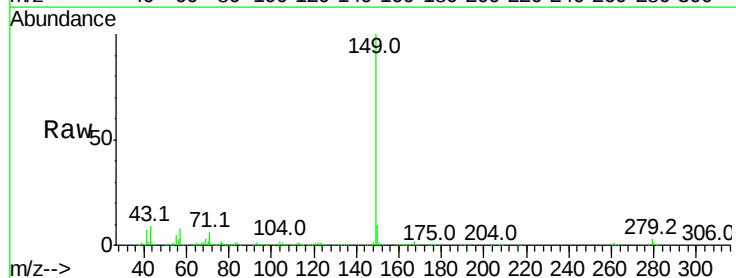
Tgt Ion:149 Resp: 1330274

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

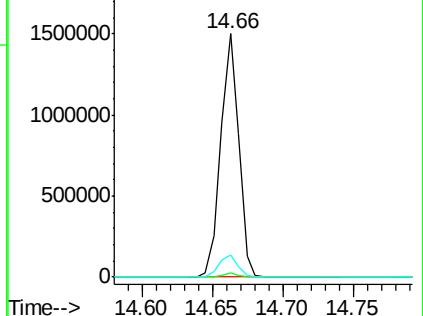
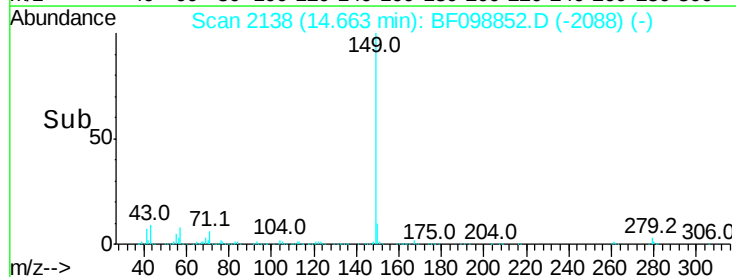
43 9.7 8.4 12.6

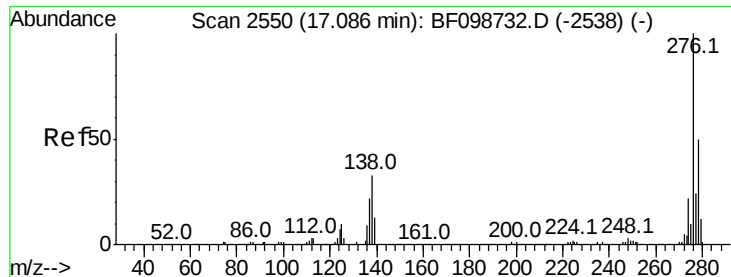


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

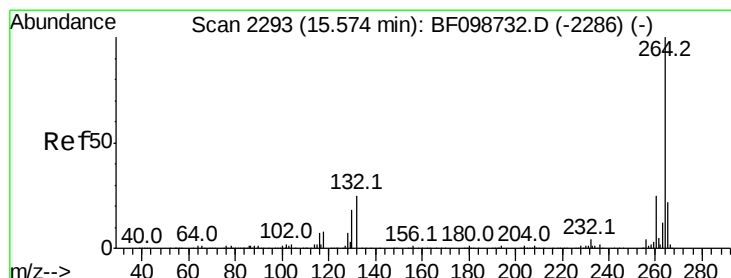
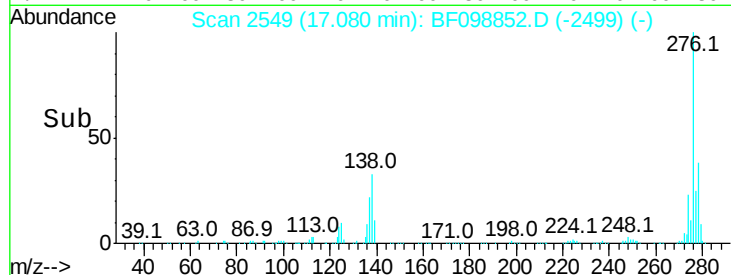
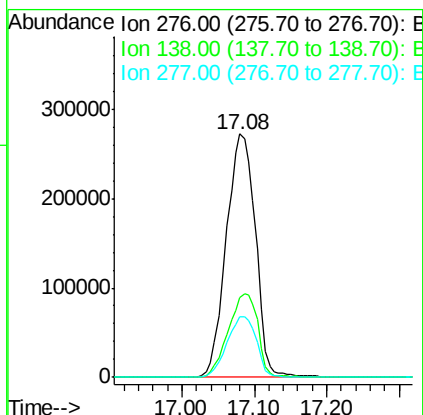
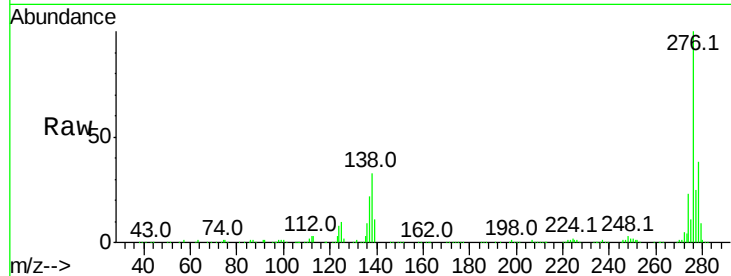




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.347 ng
 RT: 17.08 min Scan# 2549
 Delta R.T. -0.01 min
 Lab File: BF098852.D
 Acq: 27 Sep 2017 10:00

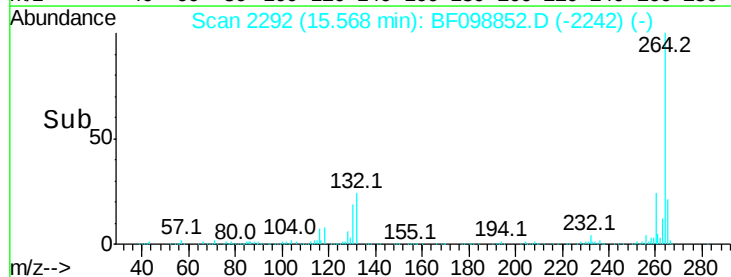
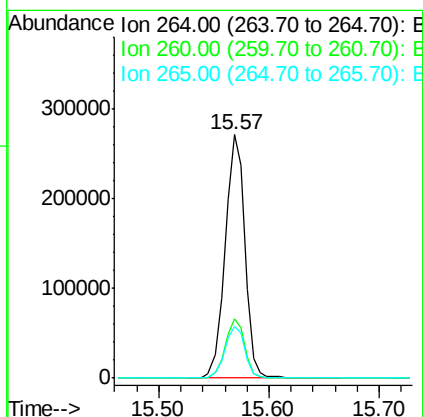
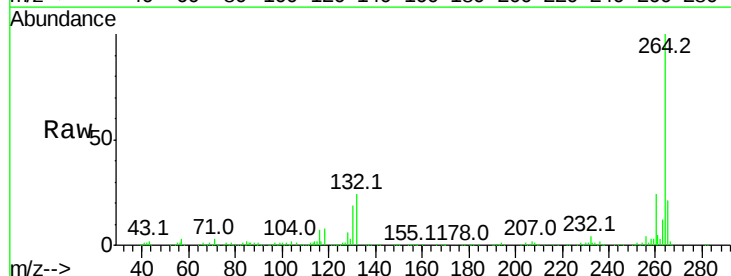
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

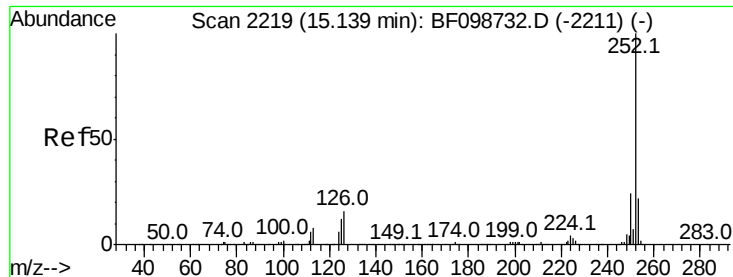
Tot Ion:276 Resp: 761348
 Ion Ratio Lower Upper
 276 100
 138 34.9 25.0 37.6
 277 25.2 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BF098852.D
 Acq: 27 Sep 2017 10:00

Tgt Ion:264 Resp: 341258
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.4 17.5 26.3

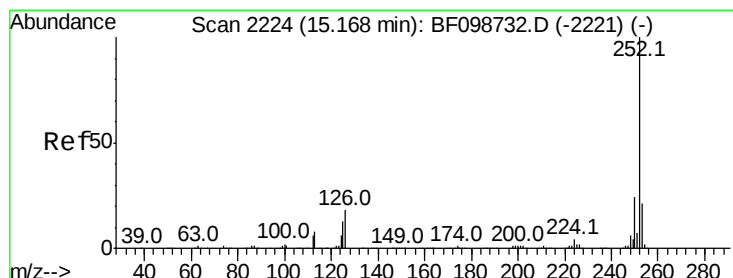
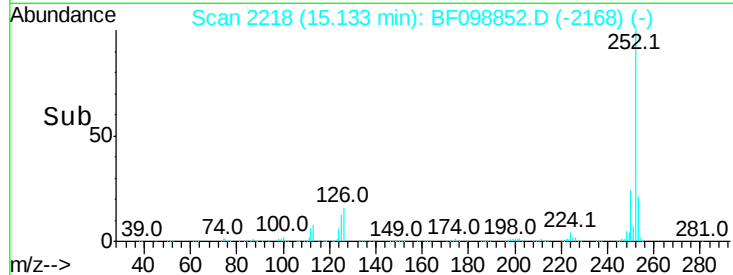
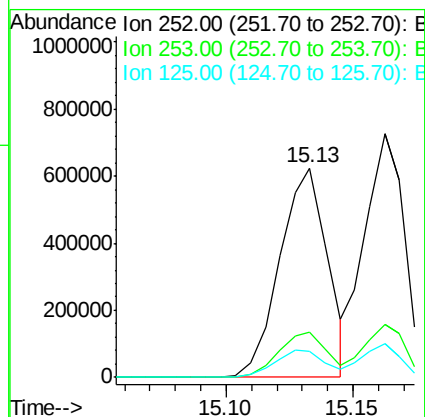
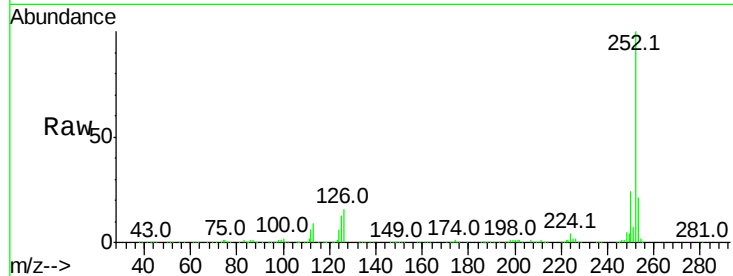




#87
Benzo(b)fluoranthene
Concen: 38.878 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF098852.D
Acq: 27 Sep 2017 10:00

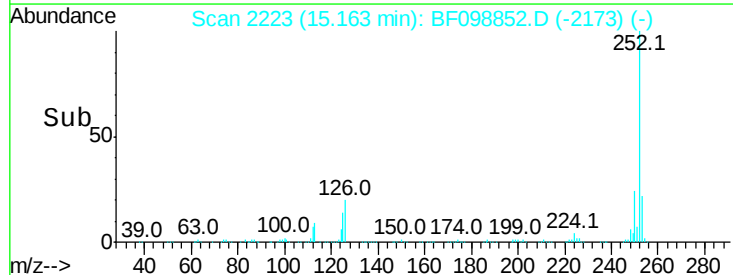
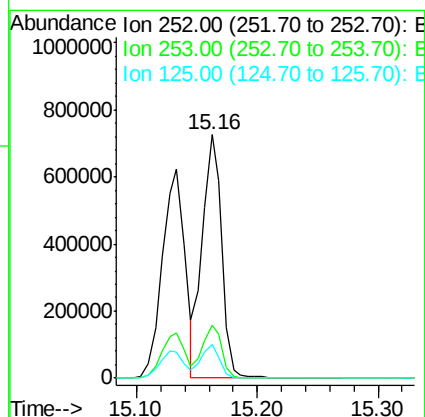
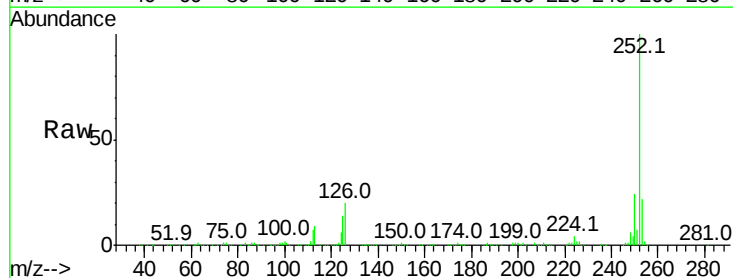
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 815726
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 12.7 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 38.983 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF098852.D
Acq: 27 Sep 2017 10:00

Tgt Ion:252 Resp: 807882
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 13.9 10.2 15.2

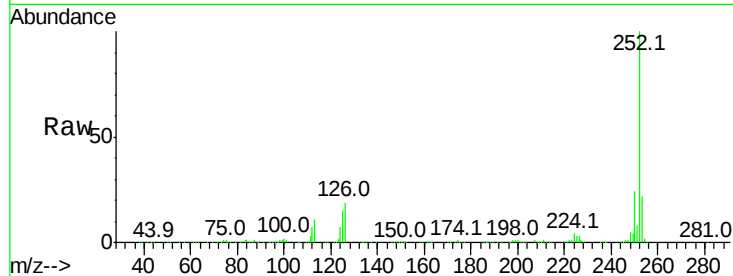




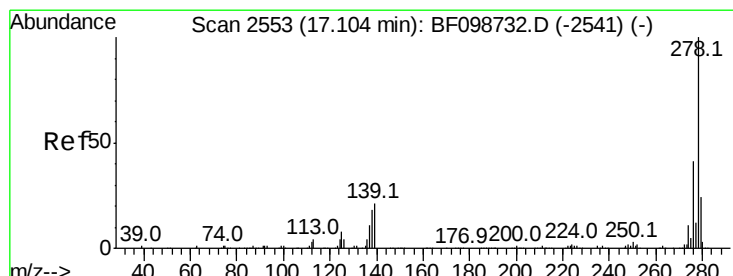
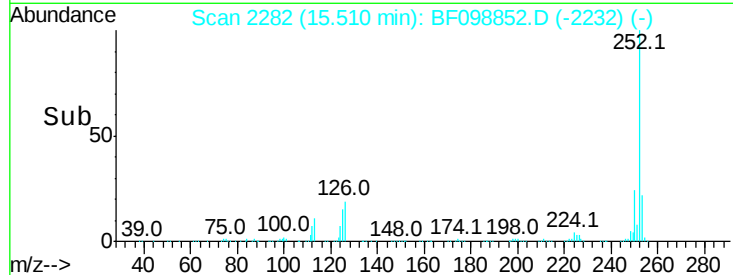
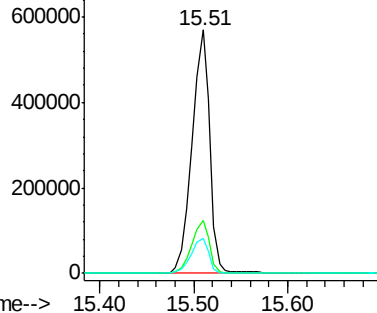
#89
Benzo(a)pyrene
Concen: 38.985 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF098852.D
Acq: 27 Sep 2017 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 750838
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 14.6 9.8 14.6

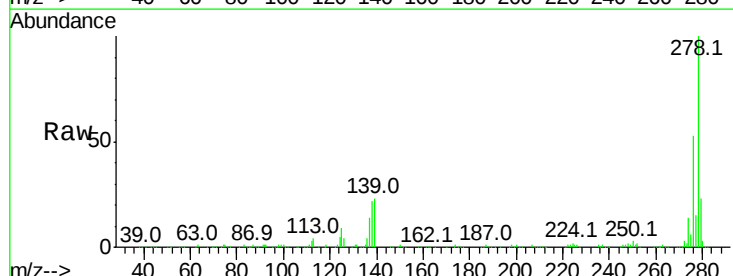


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

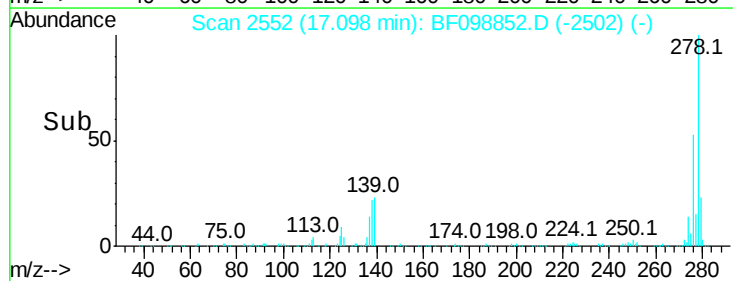
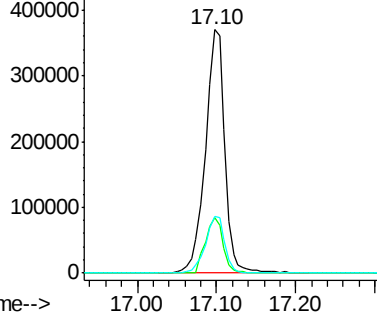


#90
Dibenzo(a,h)anthracene
Concen: 40.861 ng
RT: 17.10 min Scan# 2552
Delta R.T. -0.01 min
Lab File: BF098852.D
Acq: 27 Sep 2017 10:00

Tgt Ion:278 Resp: 629820
Ion Ratio Lower Upper
278 100
139 22.7 15.9 23.9
279 23.5 19.0 28.4



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





#91

Benzo(a,h,i)perylene

Concen: 40.663 ng

RT: 17.54 min Scan# 2628

Delta R.T. 0.00 min

Lab File: BF098852.D

Acq: 27 Sep 2017 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

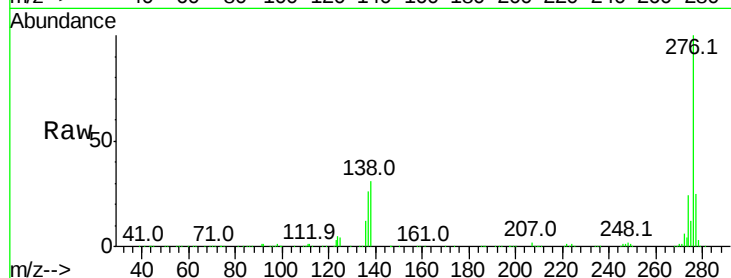
Tot Ion:276 Resp: 619545

Ion Ratio Lower Upper

276 100

277 24.6 17.9 26.9

138 30.5 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

