

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100198.D
 Acq On : 5 Nov 2017 00:31
 Operator : SJ/JU
 Sample : PB103984BSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 23:54:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	83893	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	350243	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	168617	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	313823	20.00	ng	0.00
75) Chrysene-d12	13.94	240	219534	20.00	ng	-0.01
86) Perylene-d12	15.40	264	159772	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	358143	67.02	ng	0.01
7) Phenol-d6	6.42	99	421735	66.56	ng	-0.01
23) Nitrobenzene-d5	7.34	82	339194	62.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	102322	66.59	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	728304	66.64	ng	-0.01
78) Terphenyl-d14	12.87	244	741080	73.77	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	62980	26.690	ng	# 90
3) Pyridine	3.31	79	143425	25.275	ng	# 84
4) n-Nitrosodimethylamine	3.26	42	53916	26.595	ng	# 65
6) Aniline	6.44	93	110675	13.472	ng	# 54
8) 2-Chlorophenol	6.56	128	189232	33.227	ng	93
9) Benzaldehyde	6.35	77	59128	15.617	ng	87
10) Phenol	6.43	94	212815	30.592	ng	96
11) bis(2-Chloroethyl)ether	6.50	93	165741	30.853	ng	95
12) 1,3-Dichlorobenzene	6.93	146	190482	29.788	ng	97
13) 1,4-Dichlorobenzene	6.78	146	208092	32.063	ng	97
14) 1,2-Dichlorobenzene	6.93	146	190704	32.241	ng	95
15) Benzyl Alcohol	6.92	79	136308	33.828	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	209125	35.044	ng	60
17) 2-Methylphenol	7.04	107	148409	31.153	ng	# 91
18) Hexachloroethane	7.26	117	66929	30.911	ng	94
19) n-Nitroso-di-n-propylamine	7.18	70	116901	31.484	ng	# 90
20) 3+4-Methylphenols	7.20	107	206145	37.164	ng	91
22) Acetophenone	7.18	105	248514	31.163	ng	# 91
24) Nitrobenzene	7.36	77	172004	31.379	ng	91
25) Isophorone	7.59	82	323076	32.728	ng	99
26) 2-Nitrophenol	7.67	139	103828	33.071	ng	# 83
27) 2,4-Dimethylphenol	7.71	122	173091	37.418	ng	93
28) bis(2-Chloroethoxy)methane	7.79	93	216081	31.255	ng	98
29) 2,4-Dichlorophenol	7.93	162	167934	34.947	ng	96
30) 1,2,4-Trichlorobenzene	7.99	180	161318	31.419	ng	98
31) Naphthalene	8.06	128	542409	32.083	ng	99
32) Benzoic acid	7.87	122	90788	22.297	ng	88
33) 4-Chloroaniline	8.14	127	72968	10.452	ng	94
34) Hexachlorobutadiene	8.17	225	81324	30.793	ng	98
35) Caprolactam	8.54	113	17091	11.310	ng	# 78
36) 4-Chloro-3-methylphenol	8.63	107	163918	33.420	ng	92
37) 2-Methylnaphthalene	8.76	142	384655	33.951	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	155751	28.600	ng	# 97
40) Hexachlorocyclopentadiene	8.90	237	21655	30.808	ng	97

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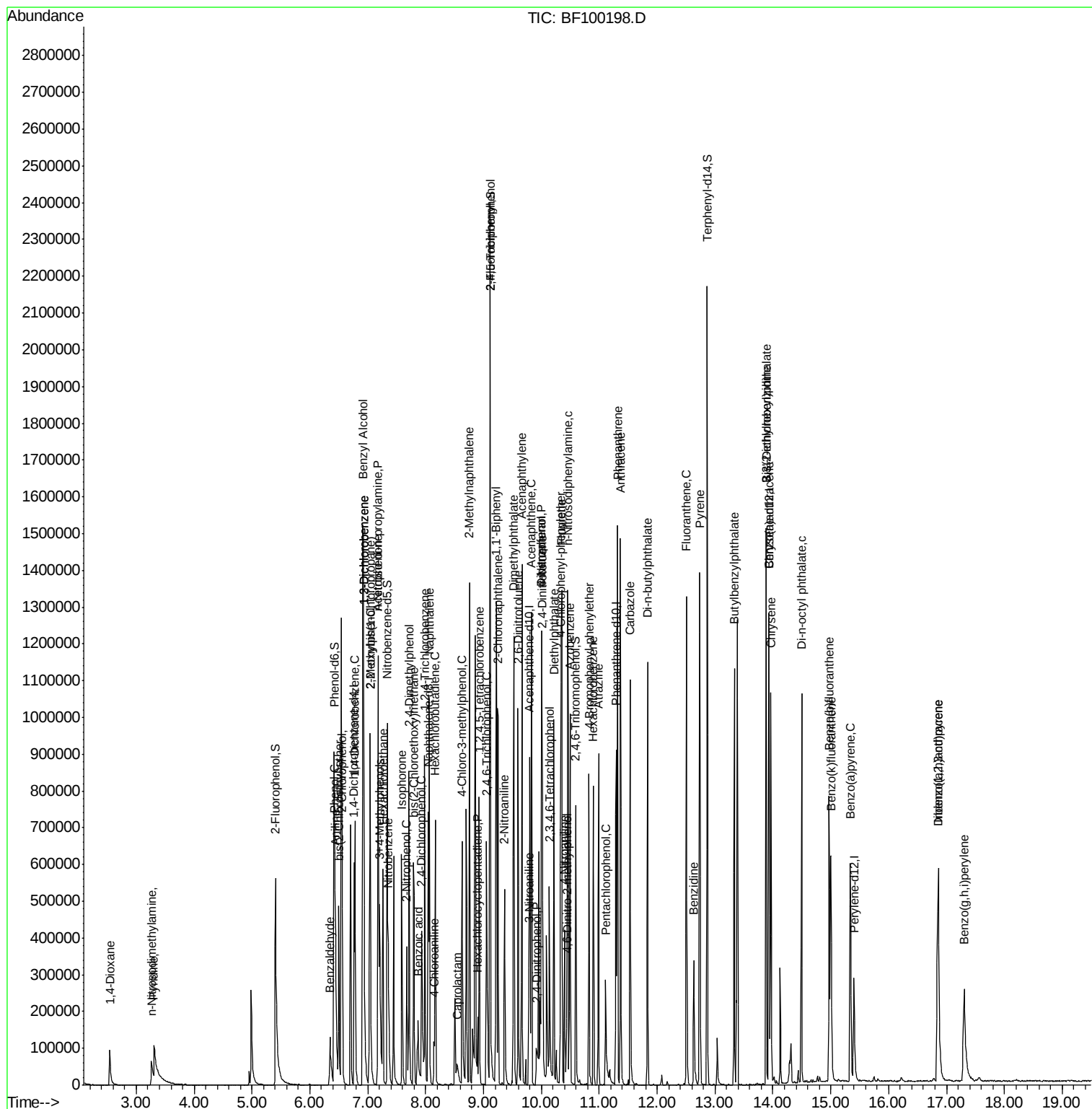
Instrument :
 BNA_F
 ClientSampleId :

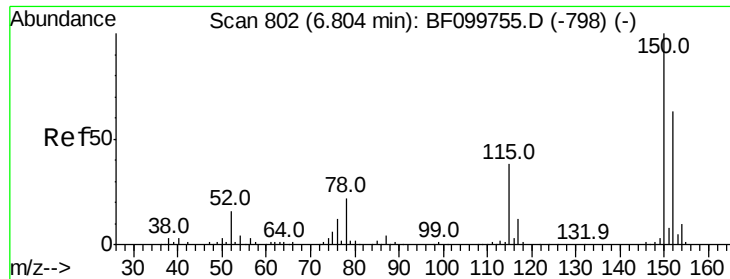
Quant Time: Nov 05 23:54:31 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	102105	30.996	ng	98
43) 2,4,5-Trichlorophenol	9.11	196	99020	28.326	ng	93
45) 1,1'-Biphenyl	9.22	154	451072	29.571	ng	98
46) 2-Chloronaphthalene	9.25	162	352619	31.831	ng	94
47) 2-Nitroaniline	9.36	65	92933	31.963	ng	84
48) Acenaphthylene	9.66	152	527030	30.889	ng	99
49) Dimethylphthalate	9.52	163	403597	30.225	ng	100
50) 2,6-Dinitrotoluene	9.60	165	88813	31.638	ng	93
51) Acenaphthene	9.83	154	319494	30.646	ng	99
52) 3-Nitroaniline	9.78	138	51786	15.657	ng	94
53) 2,4-Dinitrophenol	9.92	184	37089	36.815	ng #	83
54) Dibenzofuran	10.00	168	492715	33.481	ng	100
55) 4-Nitrophenol	10.00	139	268469	155.343	ng #	14
56) 2,4-Dinitrotoluene	10.02	165	125828	37.221	ng	87
57) Fluorene	10.35	166	394954	32.414	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	87534	35.714	ng #	87
59) Diethylphthalate	10.22	149	401726	30.807	ng	98
60) 4-Chlorophenyl-phenylether	10.33	204	180656	31.504	ng	94
61) 4-Nitroaniline	10.40	138	94405	29.916	ng	84
62) Azobenzene	10.50	77	340873	31.184	ng	89
64) 4,6-Dinitro-2-methylphenol	10.44	198	39371	19.958	ng	78
65) n-Nitrosodiphenylamine	10.46	169	347202	29.971	ng	98
66) 4-Bromophenyl-phenylether	10.82	248	103492	31.325	ng	94
67) Hexachlorobenzene	10.90	284	107245	31.730	ng	95
68) Atrazine	10.99	200	110625	31.790	ng	100
69) Pentachlorophenol	11.11	266	52369	36.260	ng	96
70) Phenanthrene	11.32	178	561774	31.720	ng	98
71) Anthracene	11.37	178	592146	32.939	ng	100
72) Carbazole	11.53	167	549520	32.506	ng	99
73) Di-n-butylphthalate	11.83	149	655992	30.423	ng	98
74) Fluoranthene	12.51	202	599118	32.551	ng	97
76) Benzidine	12.63	184	168336	17.524	ng	97
77) Pyrene	12.74	202	601853	36.054	ng	99
79) Butylbenzylphthalate	13.33	149	272671	33.171	ng	92
80) Benzo(a)anthracene	13.93	228	435220	31.273	ng	99
81) 3,3'-Dichlorobenzidine	13.89	252	76208	15.085	ng	96
82) Chrysene	13.96	228	425337	32.509	ng	97
83) Bis(2-ethylhexyl)phthalate	13.89	149	368152	31.892	ng	99
84) Di-n-octyl phthalate	14.50	149	576716	29.108	ng #	93
85) Indeno(1,2,3-cd)pyrene	16.86	276	325024	27.060	ng	98
87) Benzo(b)fluoranthene	14.97	252	310581	30.785	ng	98
88) Benzo(k)fluoranthene	15.00	252	339512	35.688	ng	98
89) Benzo(a)pyrene	15.34	252	301794	33.301	ng	98
90) Dibenzo(a,h)anthracene	16.84	278	268956	33.399	ng	98
91) Benzo(g,h,i)perylene	17.30	276	280015	35.542	ng	95

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

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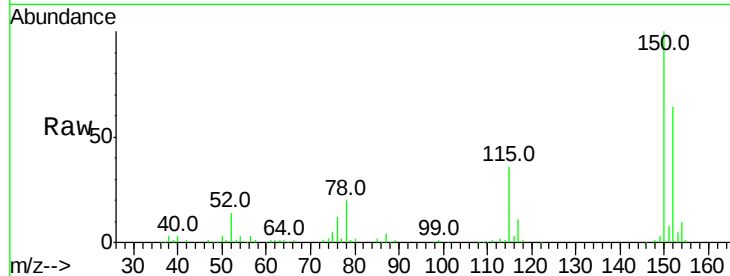


#1

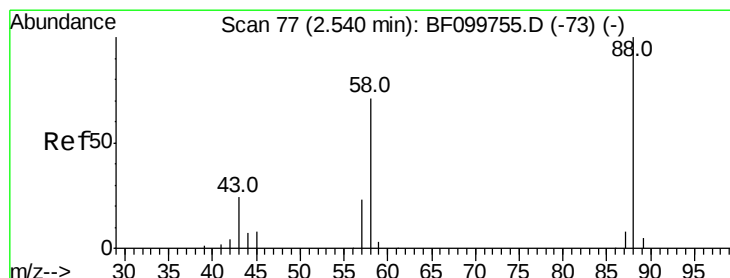
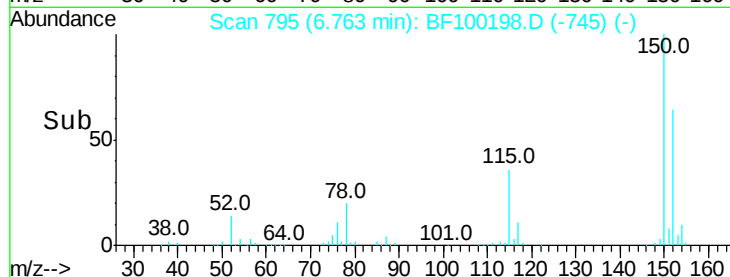
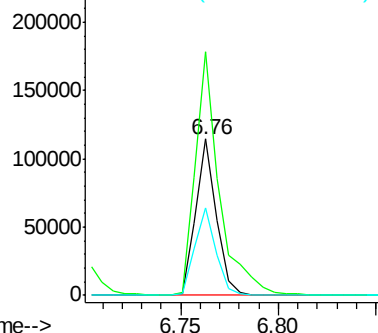
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100198.D
Acq: 5 Nov 2017 00:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 83893
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 55.9 50.1 75.1



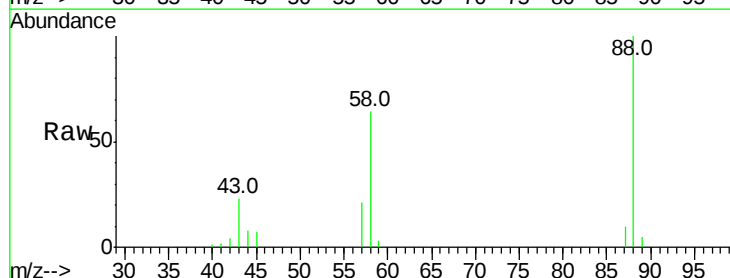
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



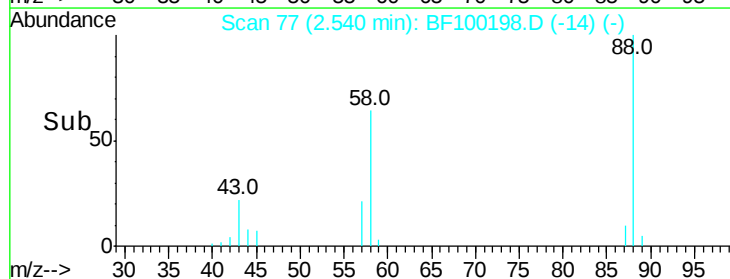
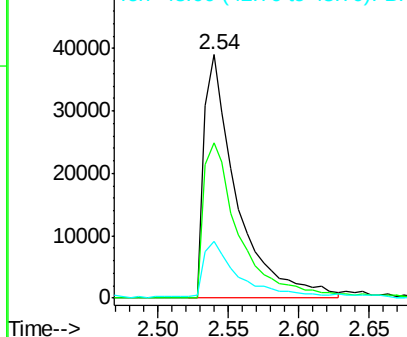
#2

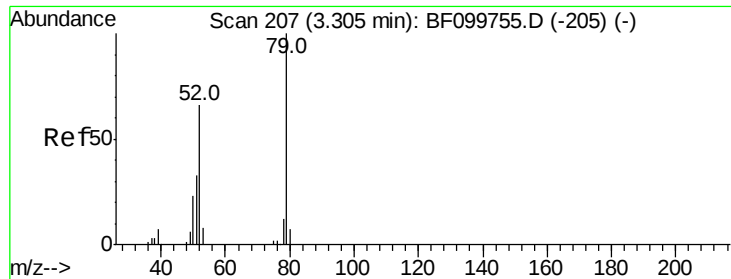
1,4-Dioxane
Concen: 26.690 ng
RT: 2.54 min Scan# 77
Delta R.T. 0.07 min
Lab File: BF100198.D
Acq: 5 Nov 2017 00:31

Tgt Ion: 88 Resp: 62980
Ion Ratio Lower Upper
88 100
58 70.5 62.6 93.8
43 23.2 24.6 37.0#



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

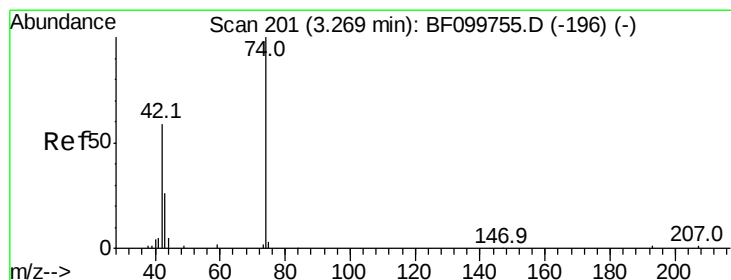
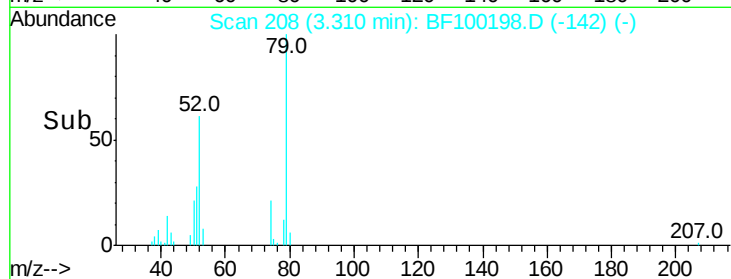
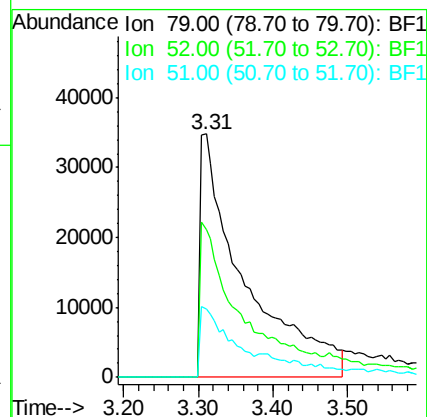
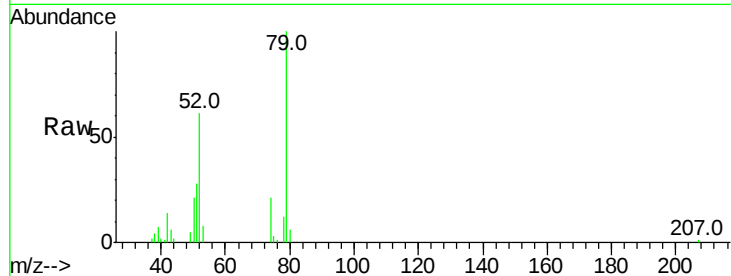




#3
 Pvridine
 Concen: 25.275 ng
 RT: 3.31 min Scan# 208
 Delta R.T. 0.09 min
 Lab File: BF100198.D
 Acq: 5 Nov 2017 00:31

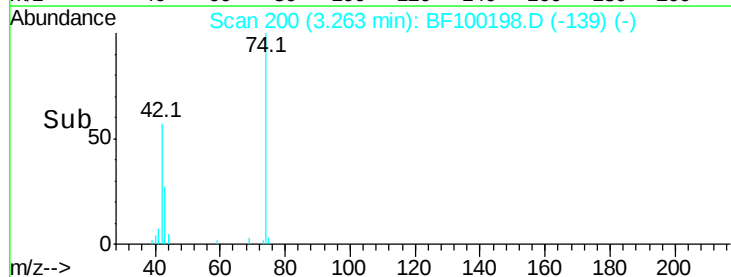
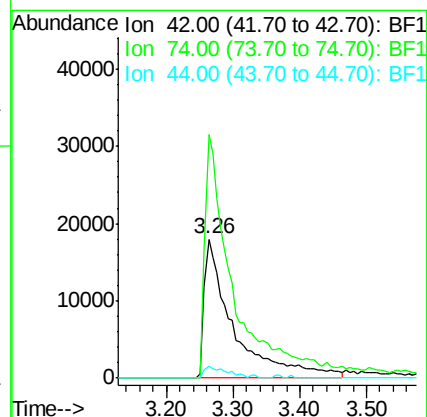
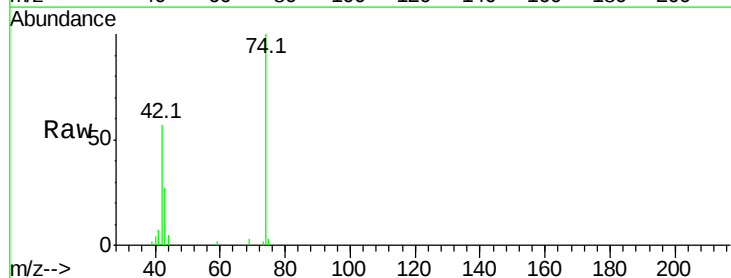
Instrument :
 BNA_F
 ClientSampleId :

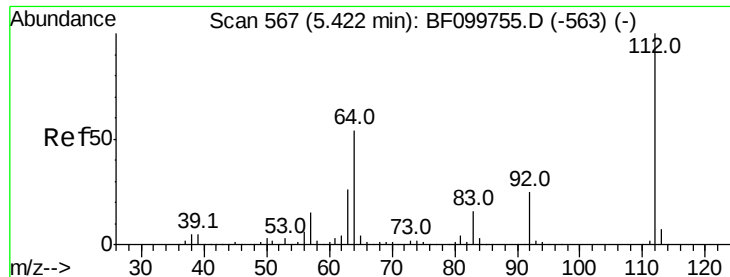
Tot Ion: 79 Resp: 143425
 Ion Ratio Lower Upper
 79 100
 52 60.6 59.8 89.6
 51 27.8 29.8 44.8#



#4
 n-Nitrosodimethylamine
 Concen: 26.595 ng
 RT: 3.26 min Scan# 200
 Delta R.T. 0.06 min
 Lab File: BF100198.D
 Acq: 5 Nov 2017 00:31

Tgt Ion: 42 Resp: 53916
 Ion Ratio Lower Upper
 42 100
 74 175.3 104.9 157.3#
 44 8.5 6.9 10.3





#5

2-Fluorophenol

Concen: 67.023 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.01 min

Lab File: BF100198.D

Acq: 5 Nov 2017 00:31

Instrument :

BNA_F

ClientSampled :

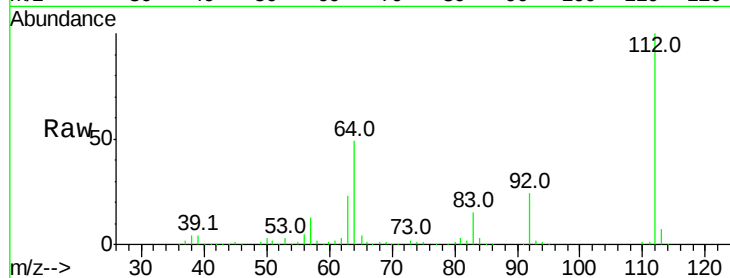
Tot Ion:112 Resp: 358143

Ion Ratio Lower Upper

112 100

64 49.1 47.9 71.9

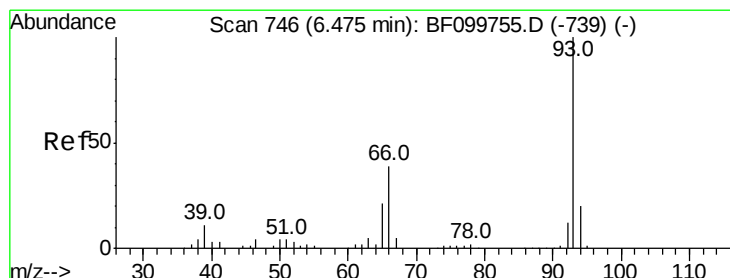
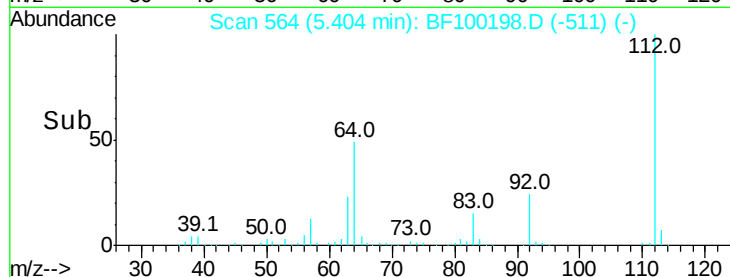
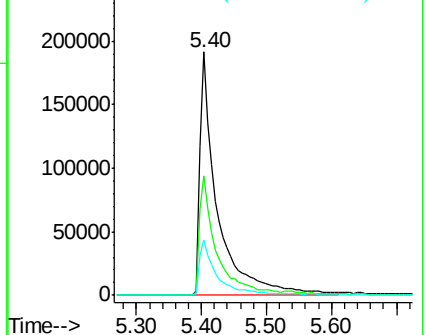
63 22.5 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.472 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF100198.D

Acq: 5 Nov 2017 00:31

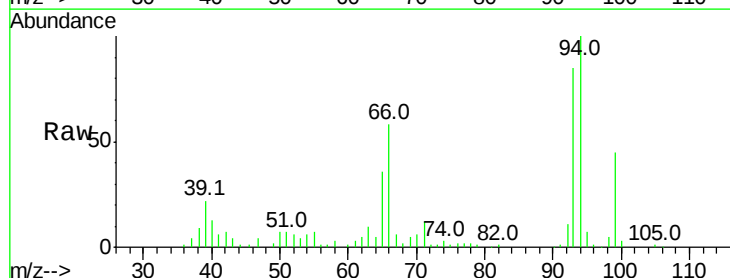
Tgt Ion: 93 Resp: 110675

Ion Ratio Lower Upper

93 100

66 68.7 32.2 48.2#

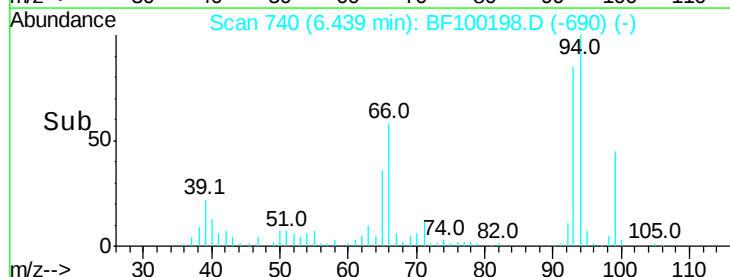
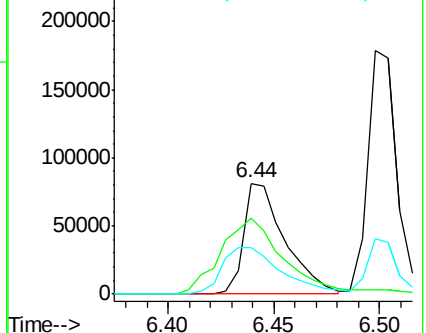
65 42.3 16.4 24.6#

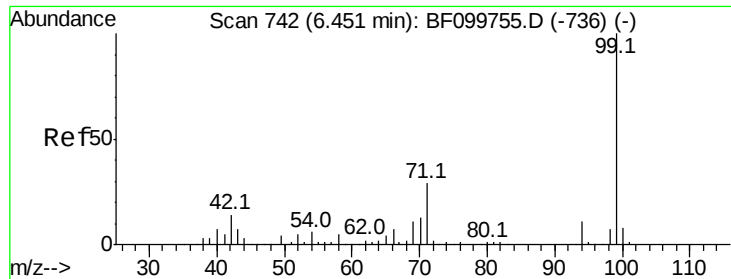


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 66.561 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100198.D

Acq: 5 Nov 2017 00:31

Instrument :

BNA_F

ClientSampled :

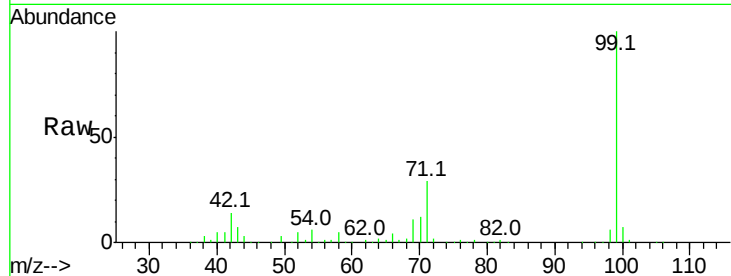
Tot Ion: 99 Resp: 421735

Ion Ratio Lower Upper

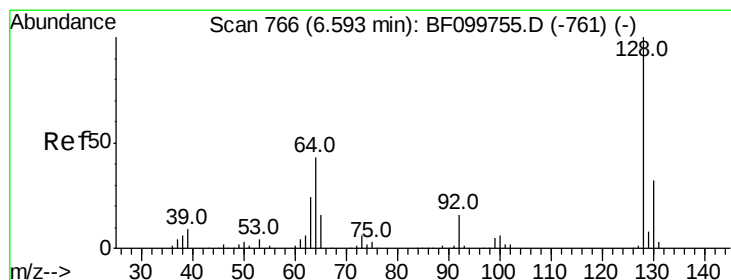
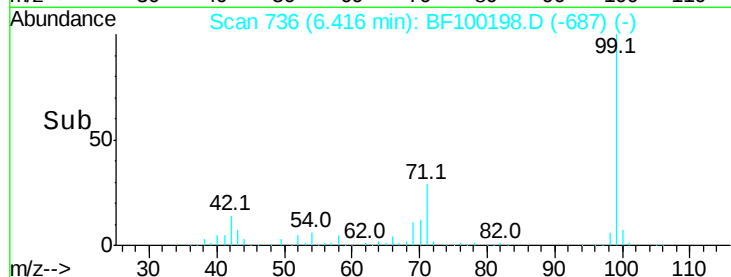
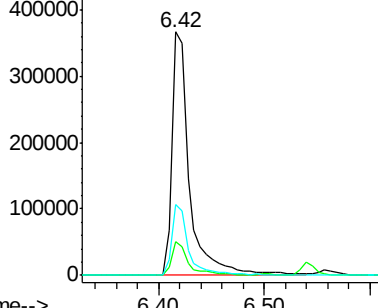
99 100

42 14.0 14.5 21.7#

71 28.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 33.227 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF100198.D

Acq: 5 Nov 2017 00:31

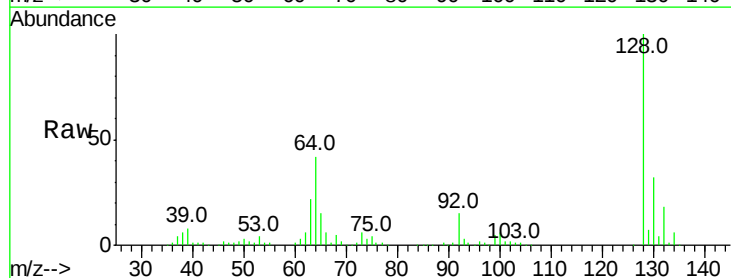
Tgt Ion:128 Resp: 189232

Ion Ratio Lower Upper

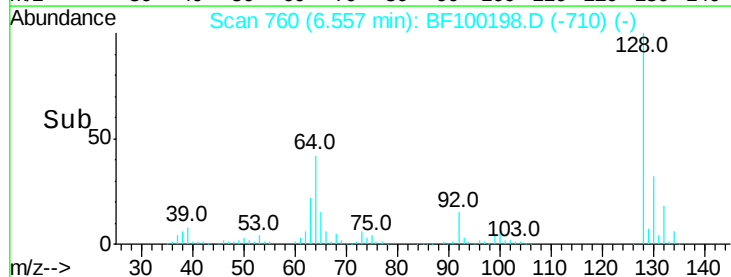
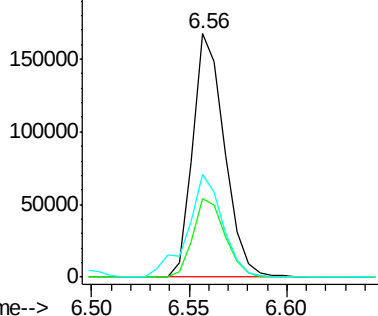
128 100

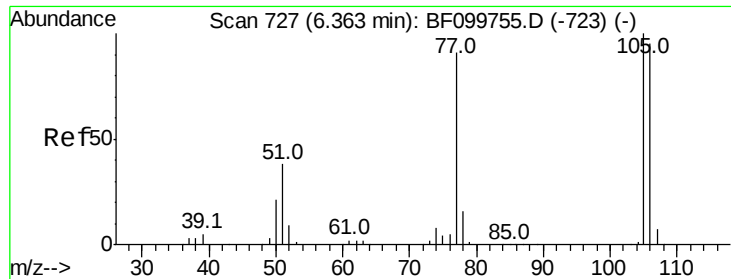
130 32.0 13.0 53.0

64 42.0 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 15.617 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF100198.D

Acq: 5 Nov 2017 00:31

Instrument :

BNA_F

ClientSampleId :

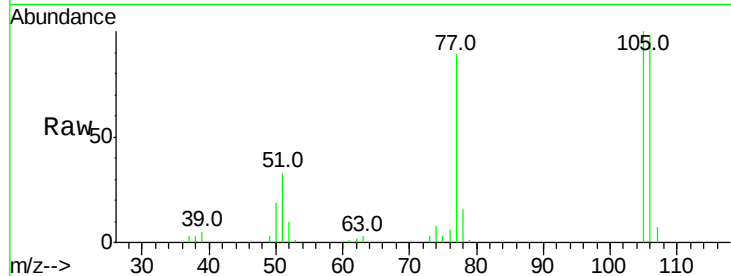
Tot Ion: 77 Resp: 59128

Ion Ratio Lower Upper

77 100

105 112.0 81.1 121.1

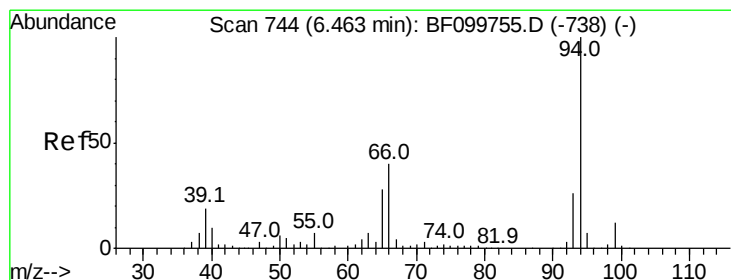
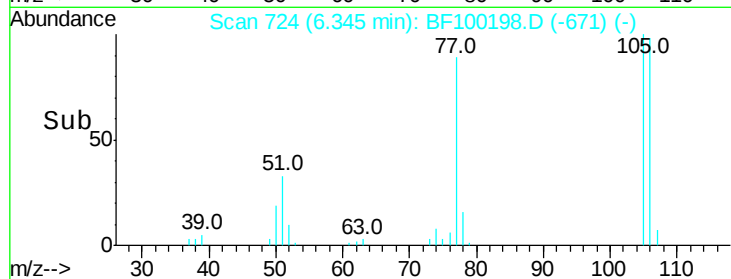
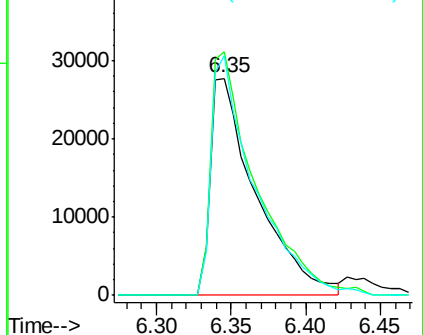
106 110.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 30.592 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF100198.D

Acq: 5 Nov 2017 00:31

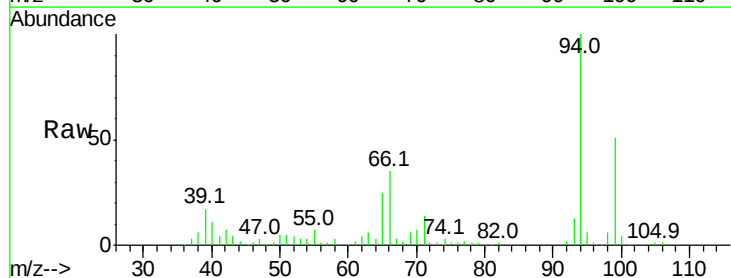
Tgt Ion: 94 Resp: 212815

Ion Ratio Lower Upper

94 100

65 25.2 7.9 47.9

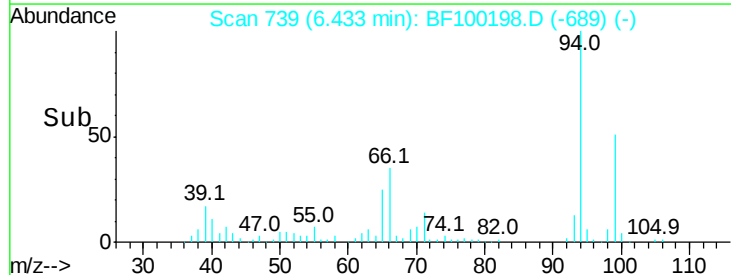
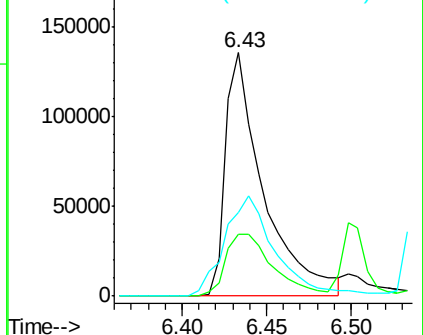
66 34.6 16.2 56.2

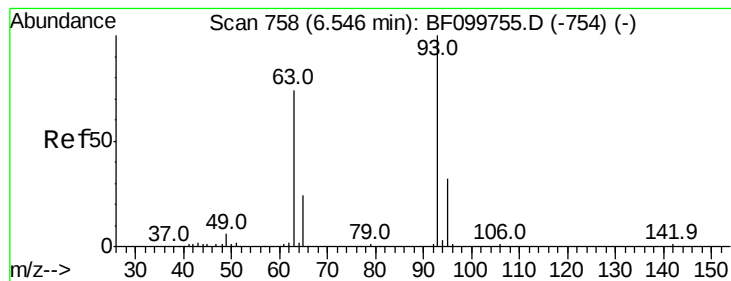


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 30.853 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100198.D

Acq: 5 Nov 2017 00:31

Instrument :

BNA_F

ClientSampled :

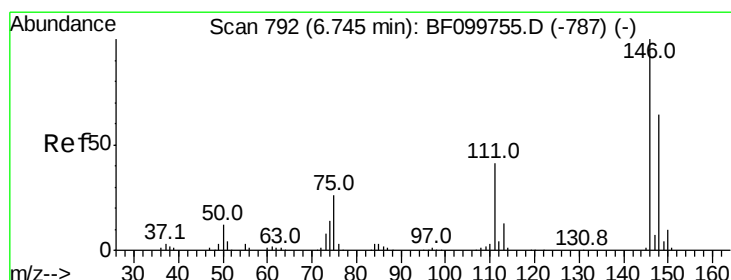
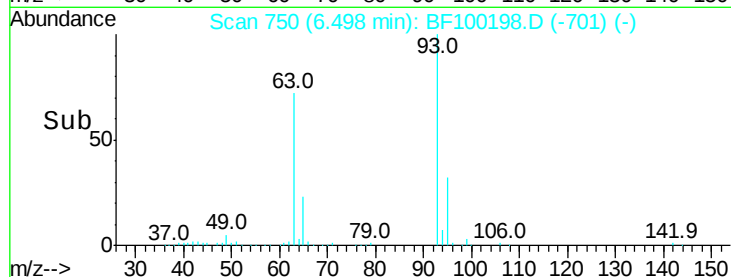
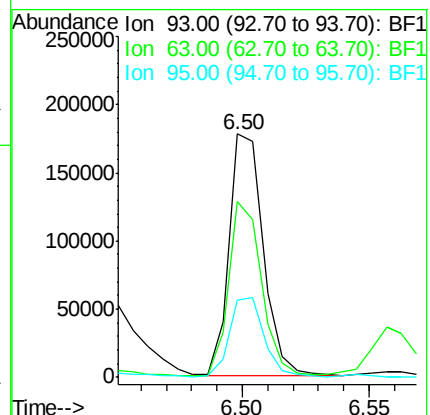
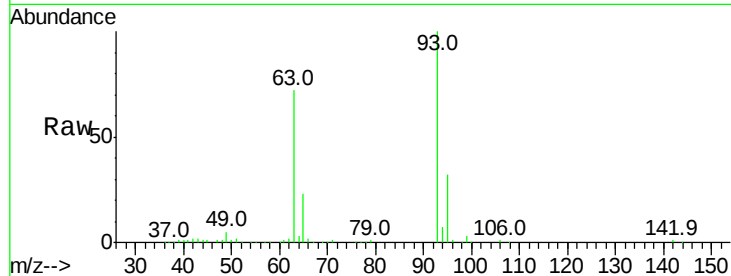
Tot Ion: 93 Resp: 165741

Ion Ratio Lower Upper

93 100

63 72.0 58.6 98.6

95 32.0 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 29.788 ng

RT: 6.93 min Scan# 824

Delta R.T. 0.22 min

Lab File: BF100198.D

Acq: 5 Nov 2017 00:31

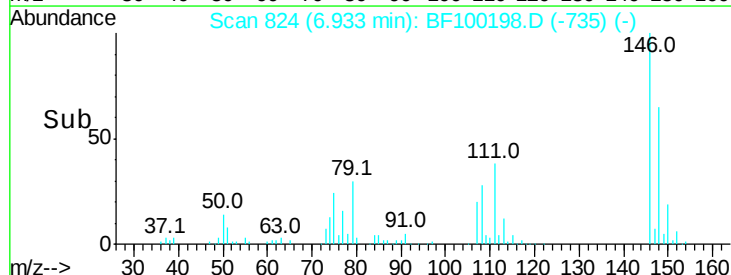
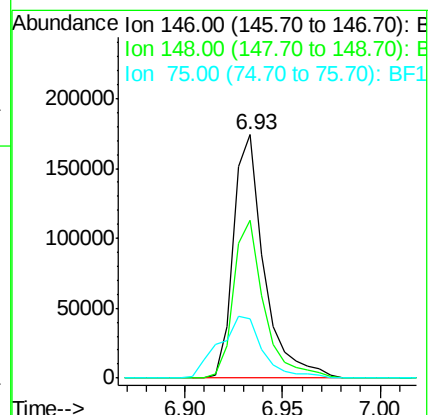
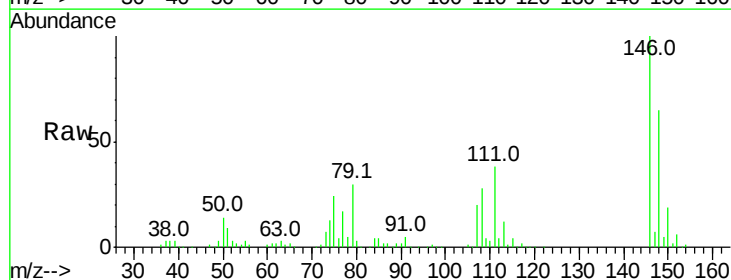
Tgt Ion: 146 Resp: 190482

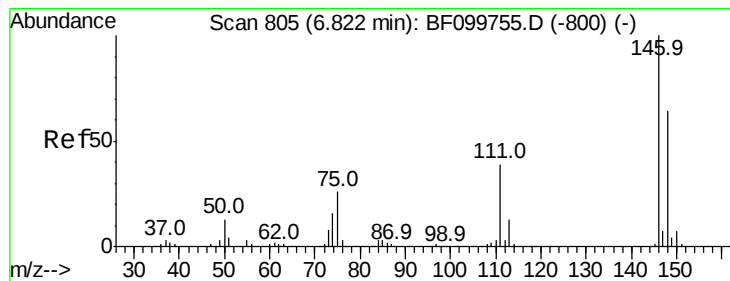
Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.8

75 24.4 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 32.063 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF100198.D

Acq: 5 Nov 2017 00:31

Instrument :

BNA_F

ClientSampleId :

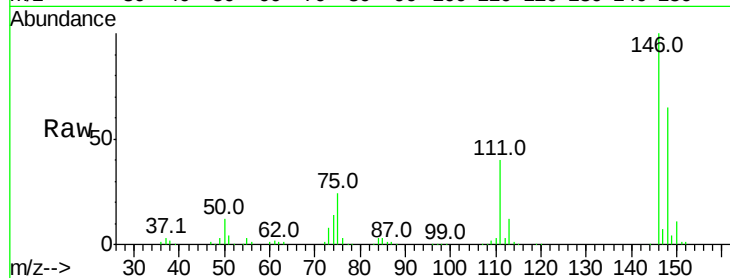
Tot Ion:146 Resp: 208092

Ion Ratio Lower Upper

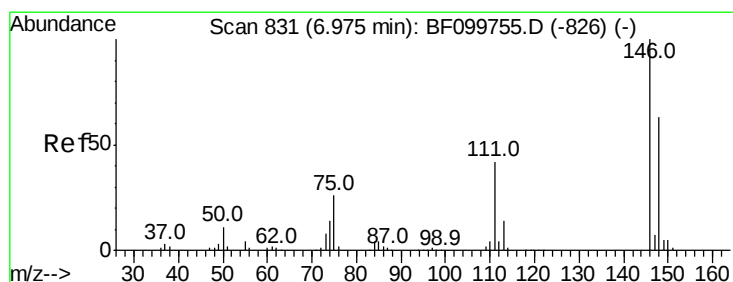
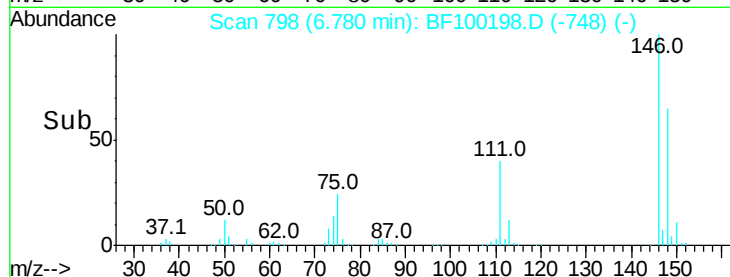
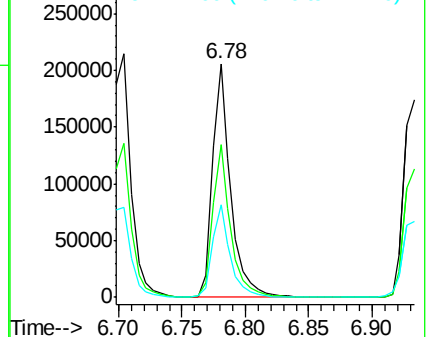
146 100

148 65.1 50.8 76.2

111 39.5 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 32.241 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF100198.D

Acq: 5 Nov 2017 00:31

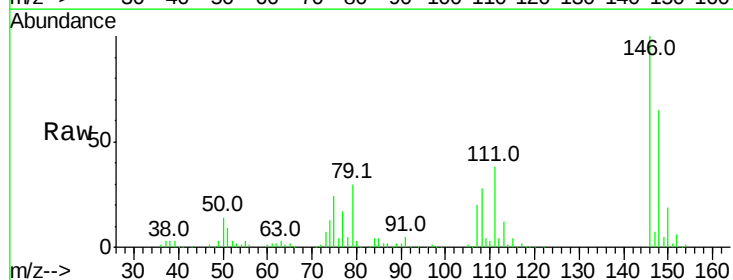
Tgt Ion:146 Resp: 190704

Ion Ratio Lower Upper

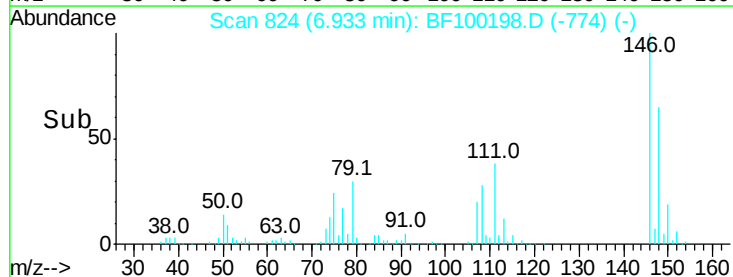
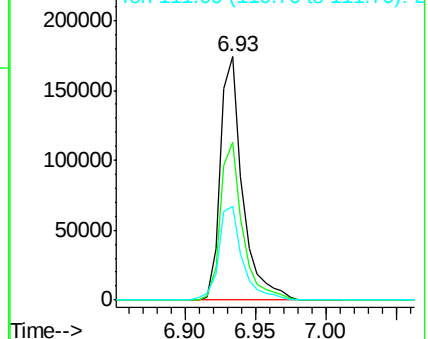
146 100

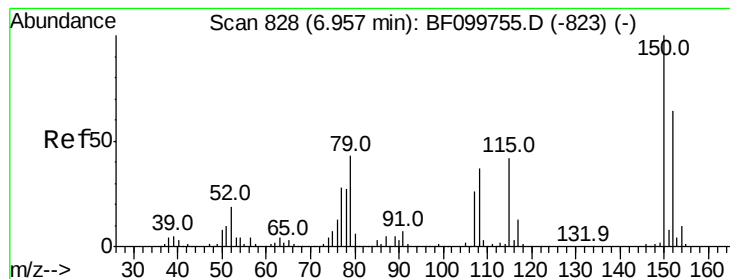
148 64.8 50.6 75.8

111 38.4 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 33.828 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF100198.D

Acq: 5 Nov 2017 00:31

Instrument :

BNA_F

ClientSampleId :

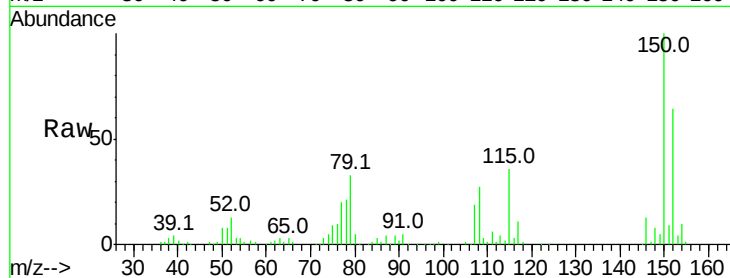
Tot Ion: 79 Resp: 136308

Ion Ratio Lower Upper

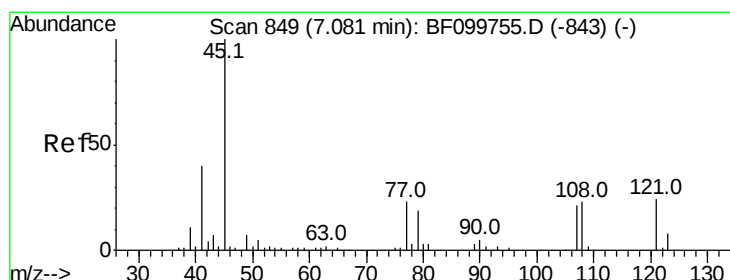
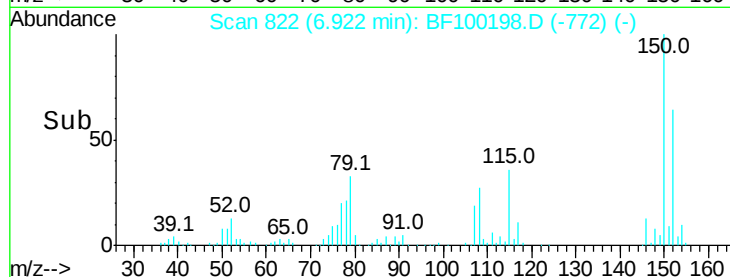
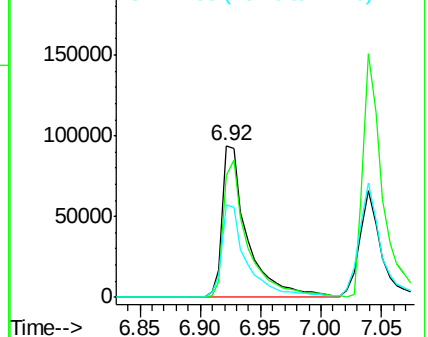
79 100

108 80.9 65.1 97.7

77 61.2 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.044 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF100198.D

Acq: 5 Nov 2017 00:31

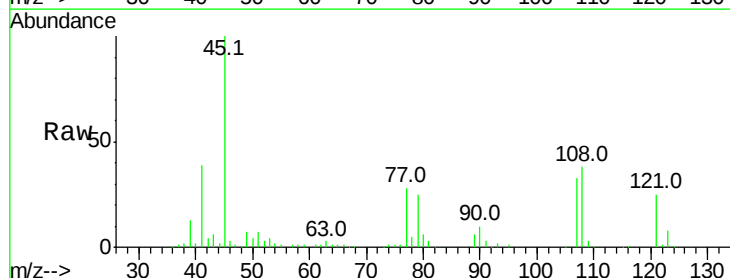
Tgt Ion: 45 Resp: 209125

Ion Ratio Lower Upper

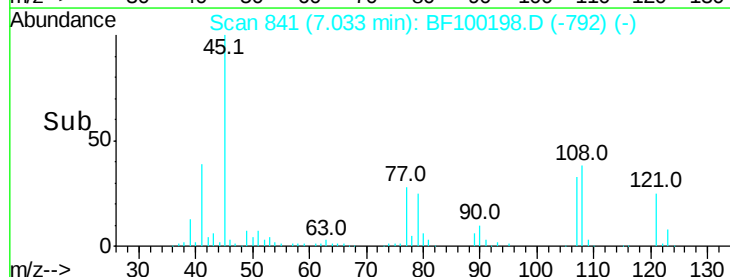
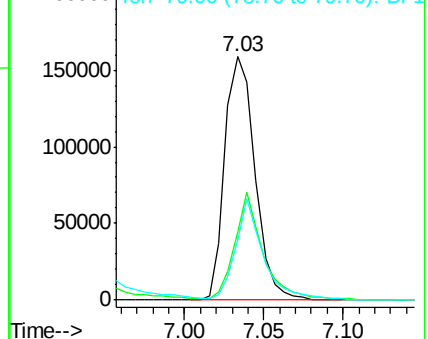
45 100

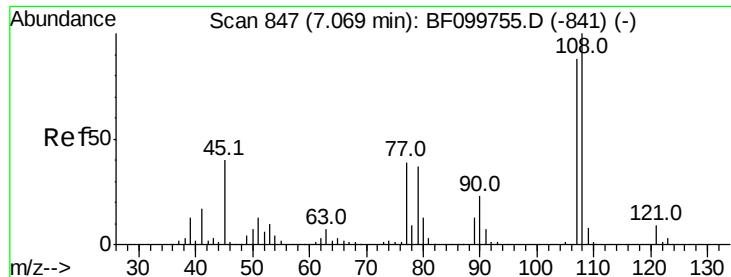
77 28.2 0.0 32.9

79 24.9 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

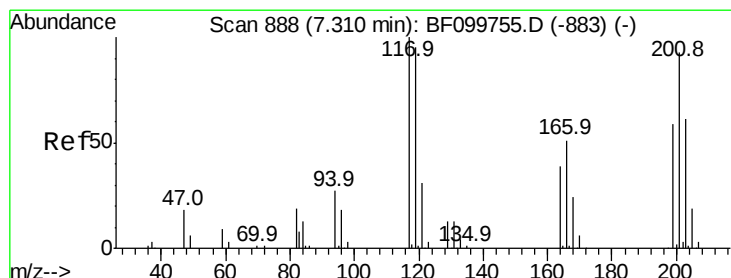
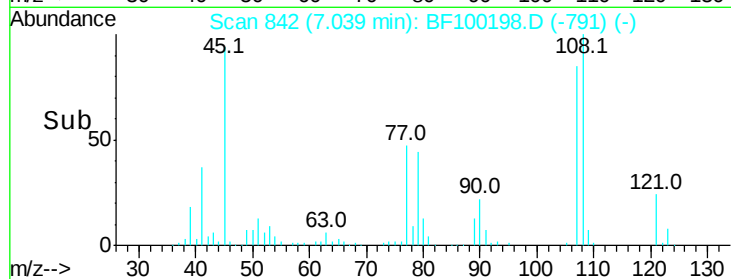
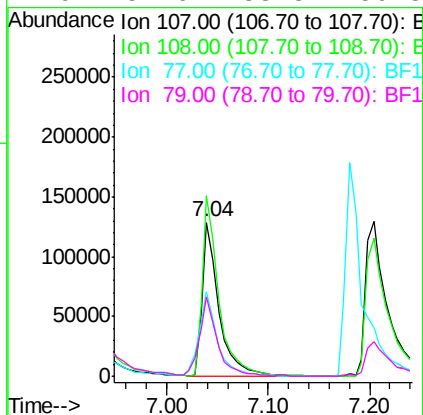
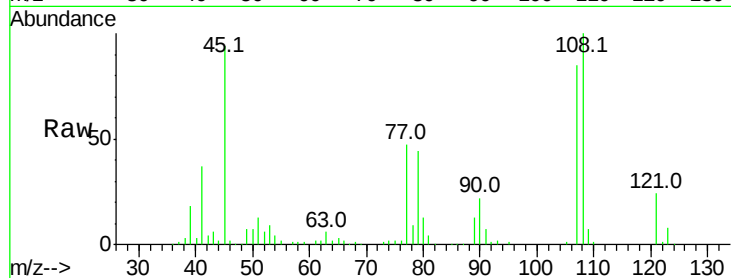




#17
2-Methylphenol
Concen: 31.153 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF100198.D
Acq: 5 Nov 2017 00:31

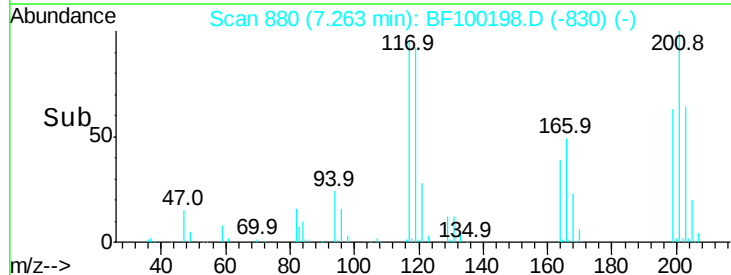
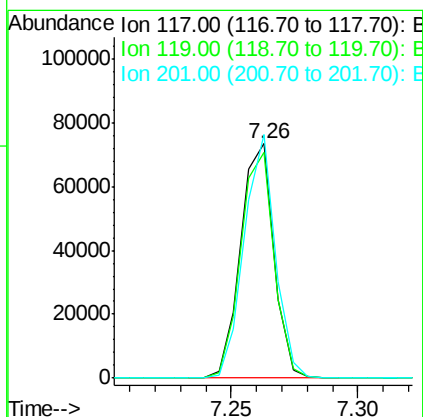
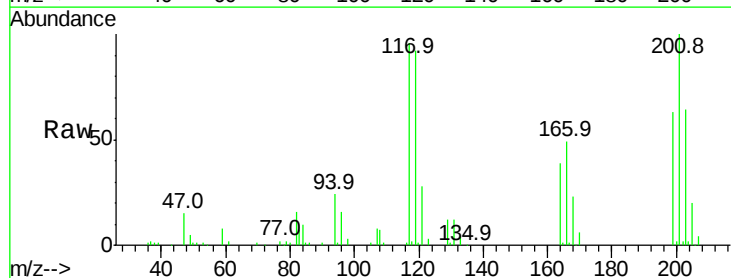
Instrument :
BNA_F
ClientSampled :

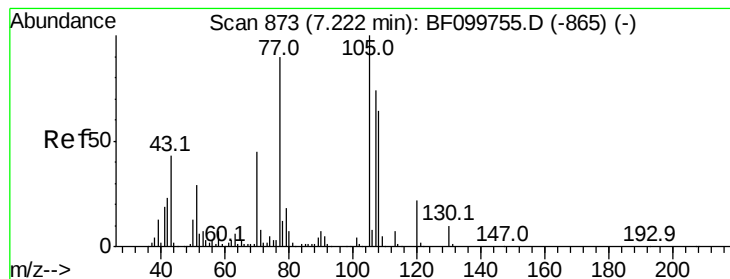
Tot Ion:107 Resp: 148409
Ion Ratio Lower Upper
107 100
108 117.1 91.7 137.5
77 54.8 33.8 50.8#
79 51.6 33.8 50.8#



#18
Hexachloroethane
Concen: 30.911 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF100198.D
Acq: 5 Nov 2017 00:31

Tgt Ion:117 Resp: 66929
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.8
201 104.0 75.7 113.5





#19

n-Nitroso-di-n-propylamine

Concen: 31.484 ng

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF100198.D

Acq: 5 Nov 2017 00:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 116901

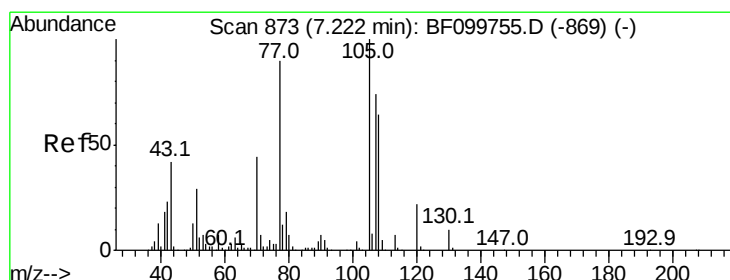
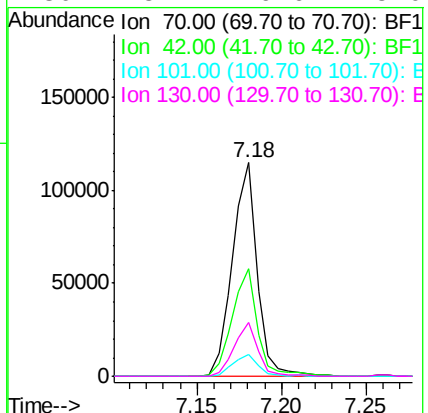
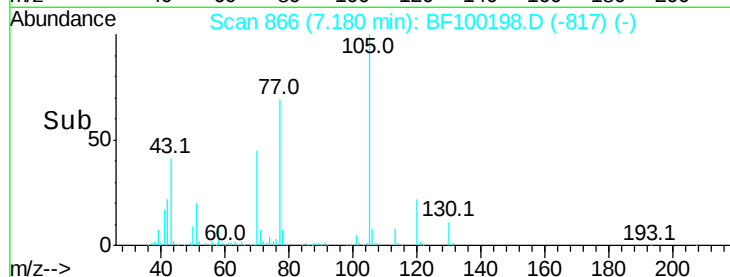
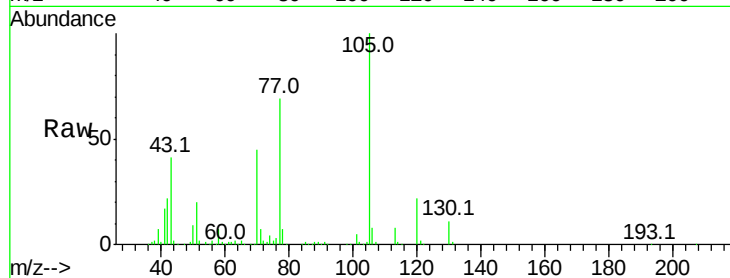
Ion Ratio Lower Upper

70 100

42 50.4 47.5 71.3

101 10.2 7.4 11.2

130 25.1 16.6 25.0#



#20

3+4-Methylphenols

Concen: 37.164 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.01 min

Lab File: BF100198.D

Acq: 5 Nov 2017 00:31

Tgt Ion: 107 Resp: 206145

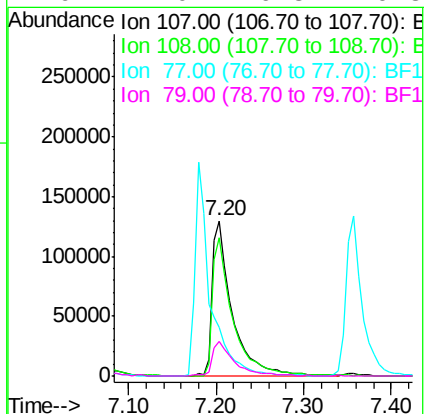
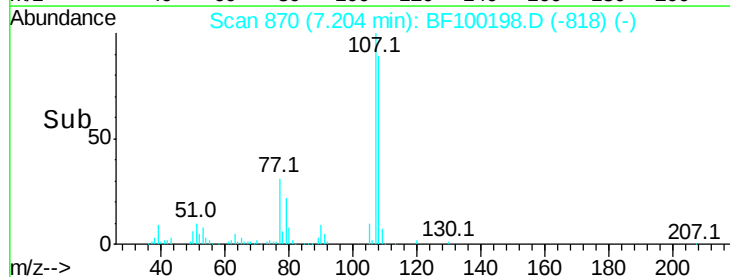
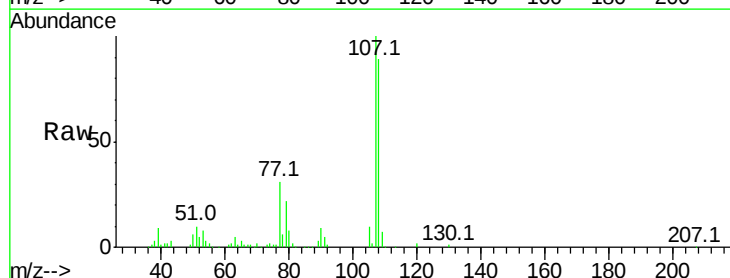
Ion Ratio Lower Upper

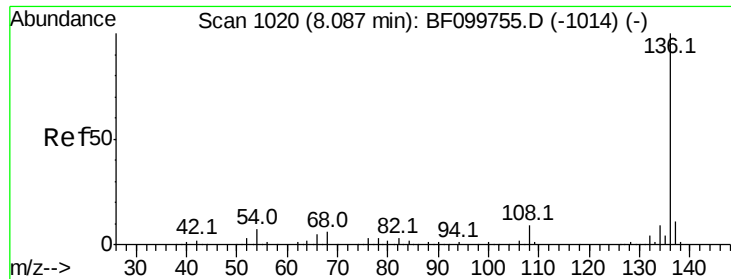
107 100

108 89.3 68.2 108.2

77 31.4 26.7 66.7

79 22.0 6.3 46.3

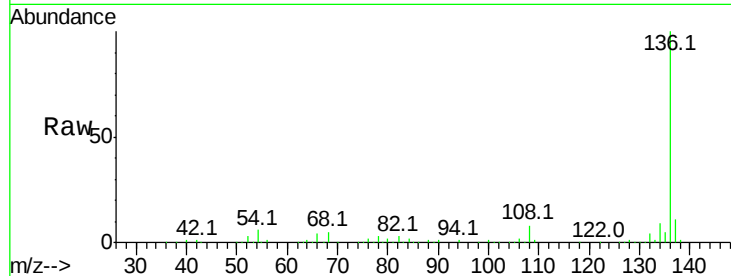




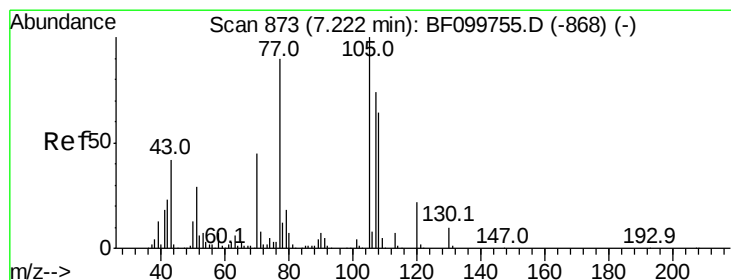
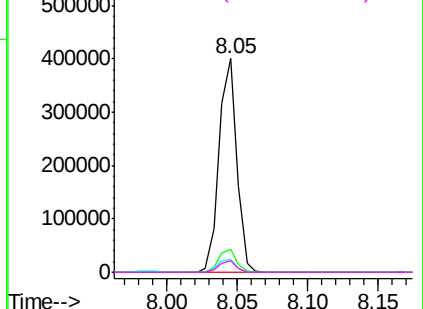
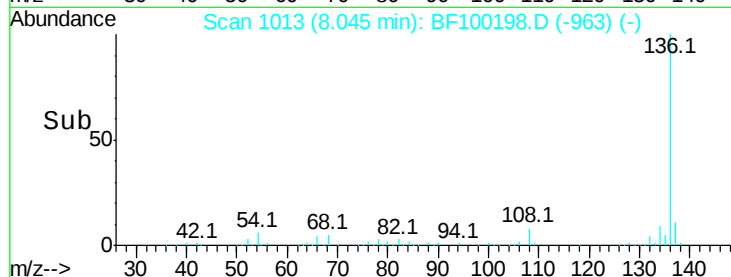
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF100198.D
Acq: 5 Nov 2017 00:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	350243
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	5.7	6.6	9.8#
68	5.3	5.0	7.4

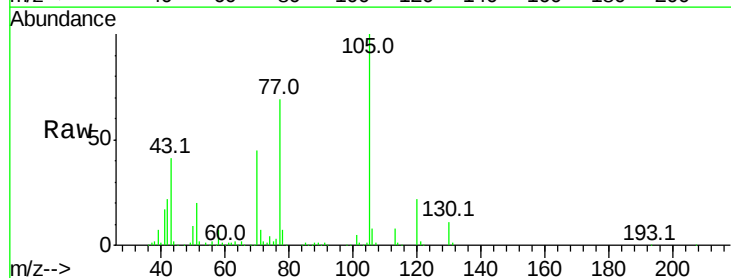


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

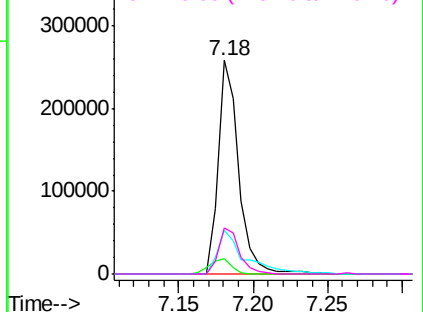
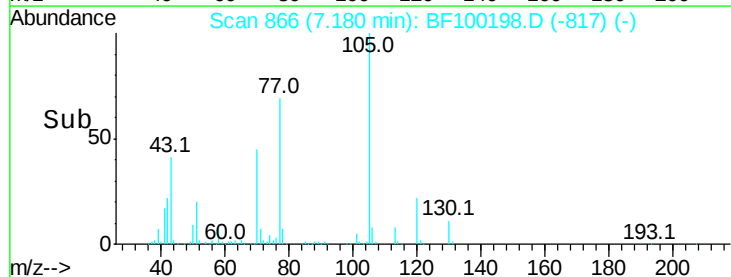


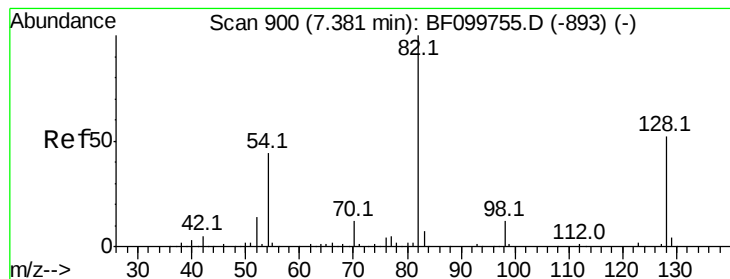
#22
Acetophenone
Concen: 31.163 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF100198.D
Acq: 5 Nov 2017 00:31

Tgt Ion:	105	Resp:	248514
Ion	Ratio	Lower	Upper
105	100		
71	7.4	4.4	6.6#
51	20.3	22.3	33.5#
120	21.7	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 62.350 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF100198.D

Acq: 5 Nov 2017 00:31

Instrument :

BNA_F

ClientSampled :

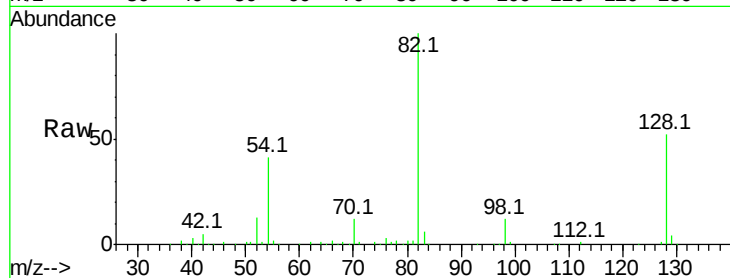
Tot Ion: 82 Resp: 339194

Ion Ratio Lower Upper

82 100

128 52.2 36.1 54.1

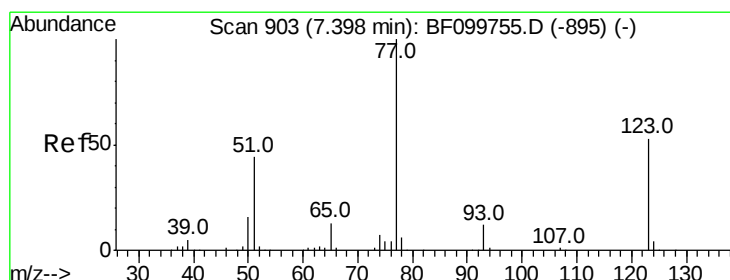
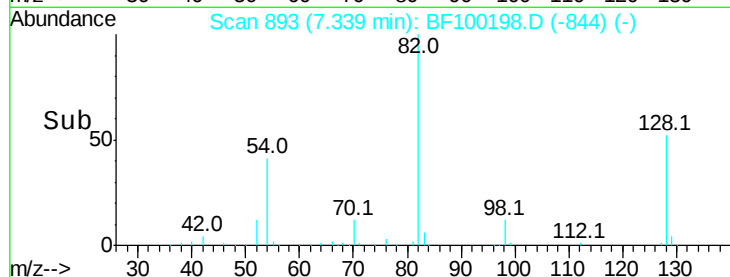
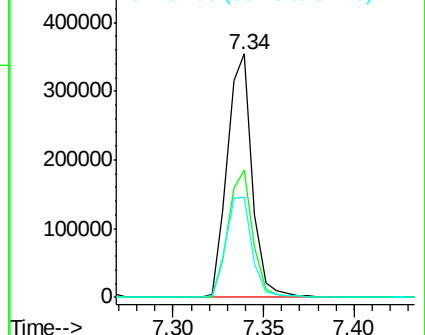
54 41.1 41.4 62.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 31.379 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF100198.D

Acq: 5 Nov 2017 00:31

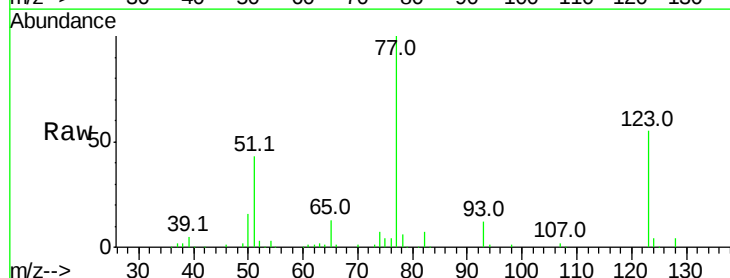
Tgt Ion: 77 Resp: 172004

Ion Ratio Lower Upper

77 100

123 54.9 37.9 56.9

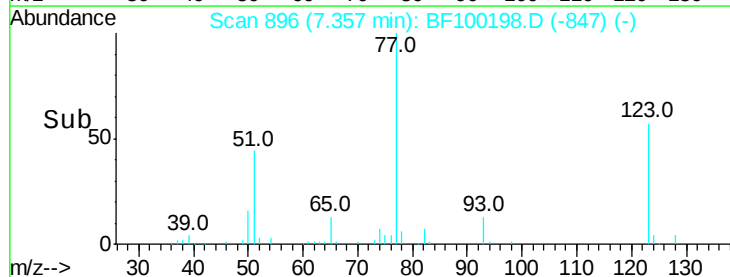
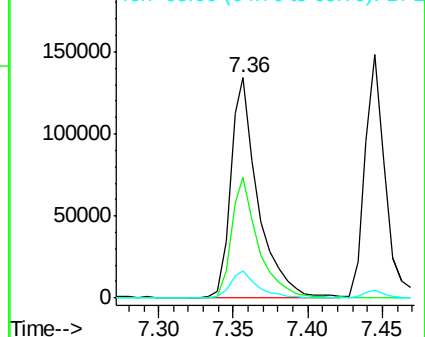
65 12.7 11.0 16.4

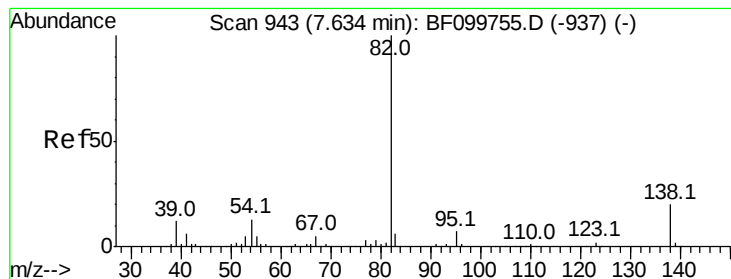


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 32.728 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF100198.D

Acq: 5 Nov 2017 00:31

Instrument :

BNA_F

ClientSampleId :

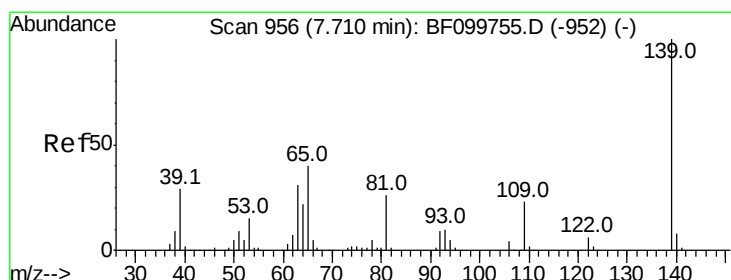
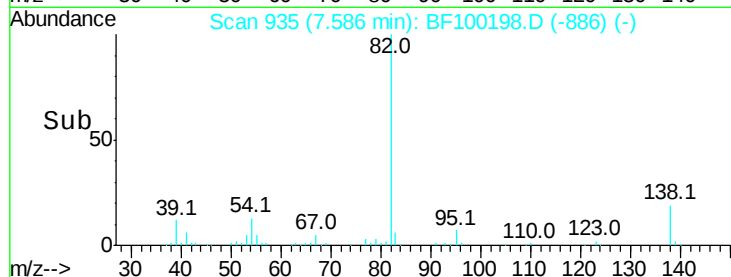
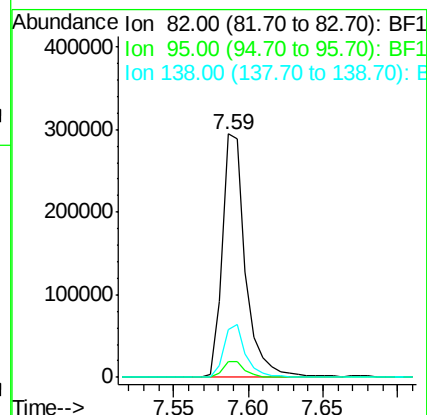
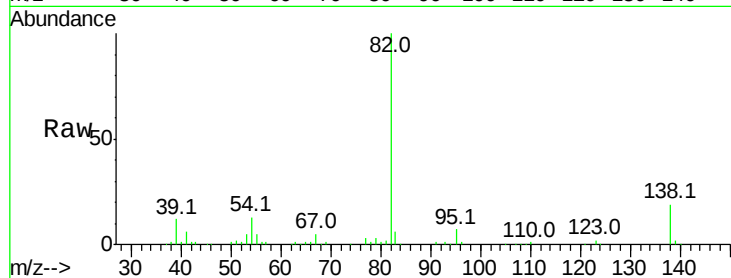
Tot Ion: 82 Resp: 323076

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 19.5 14.9 22.3



#26

2-Nitrophenol

Concen: 33.071 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF100198.D

Acq: 5 Nov 2017 00:31

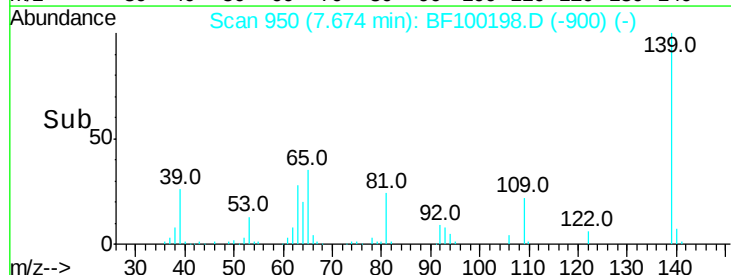
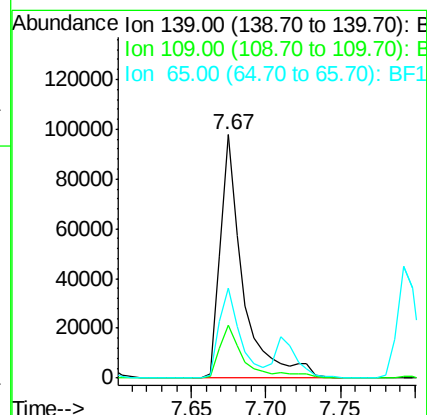
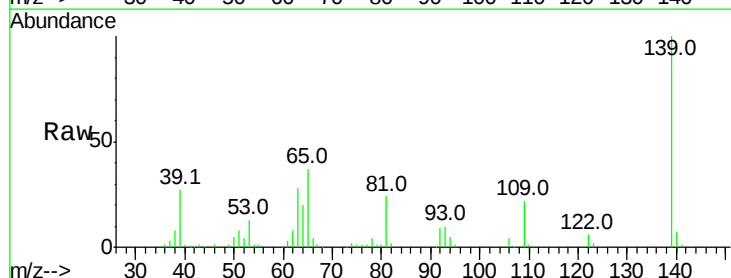
Tgt Ion: 139 Resp: 103828

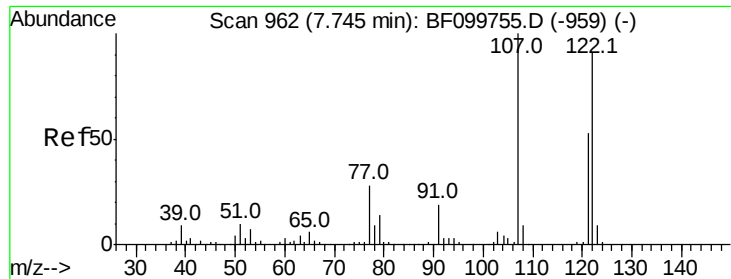
Ion Ratio Lower Upper

139 100

109 21.6 22.7 34.1#

65 37.0 40.5 60.7#

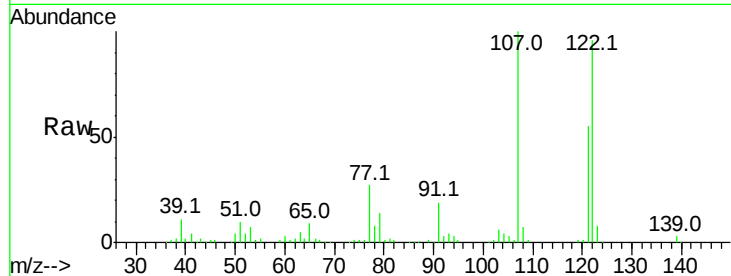




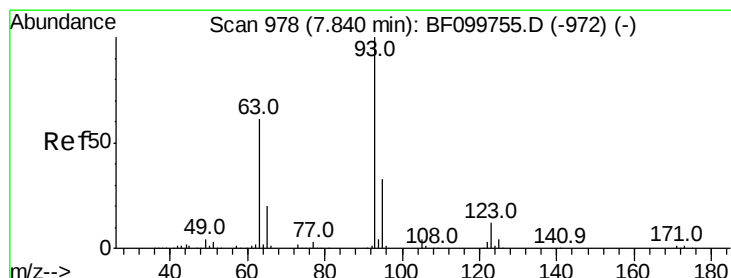
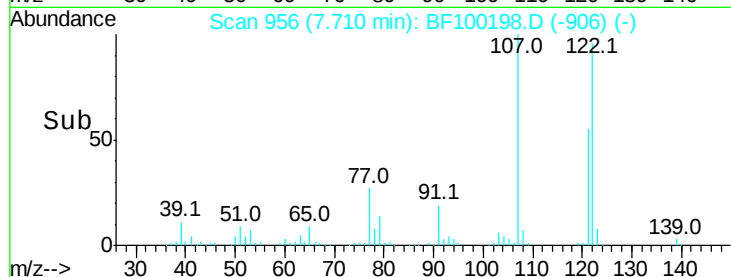
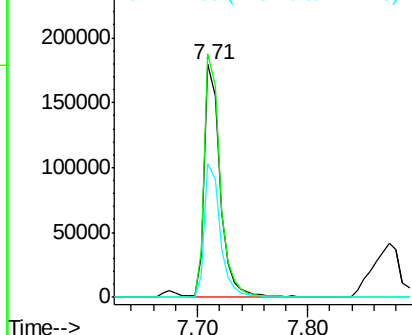
#27
 2,4-Dimethylphenol
 Concen: 37.418 ng
 RT: 7.71 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF100198.D
 Acq: 5 Nov 2017 00:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 173091
 Ion Ratio Lower Upper
 122 100
 107 104.5 91.2 136.8
 121 57.2 47.2 70.8

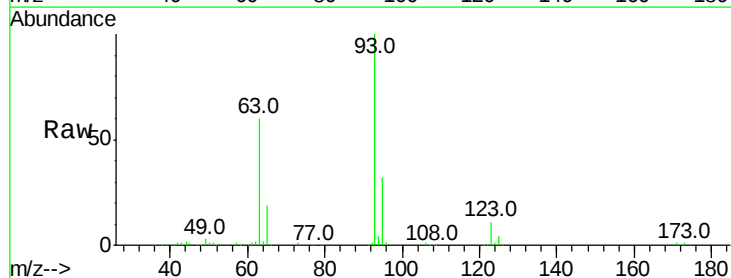


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

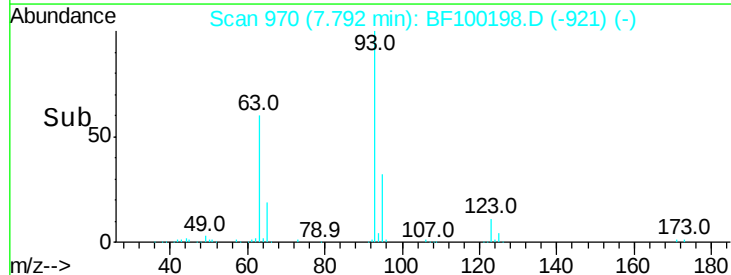
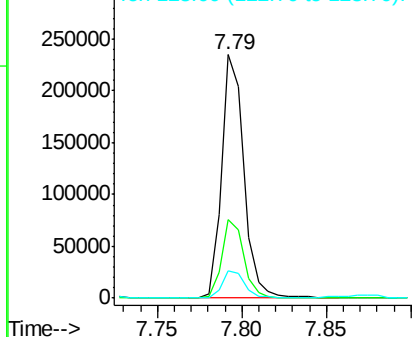


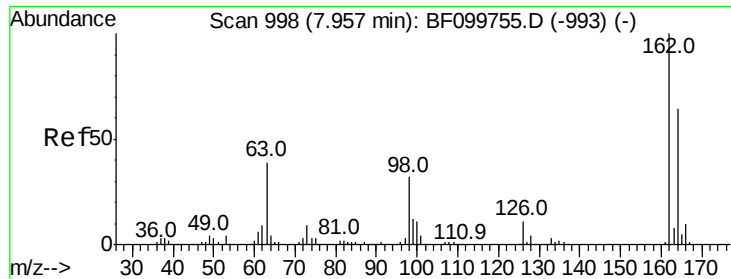
#28
 bis(2-Chloroethoxy)methane
 Concen: 31.255 ng
 RT: 7.79 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: BF100198.D
 Acq: 5 Nov 2017 00:31

Tgt Ion: 93 Resp: 216081
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.3 39.5
 123 11.4 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

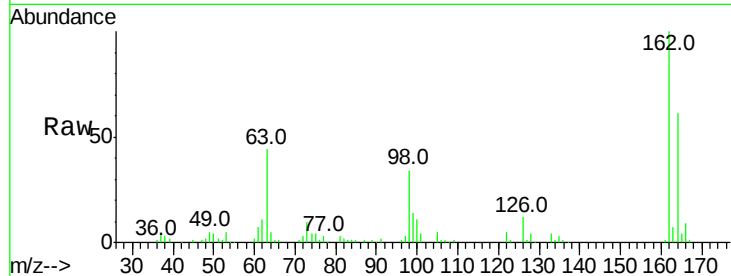




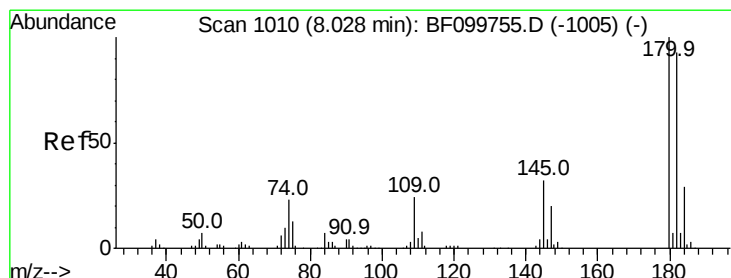
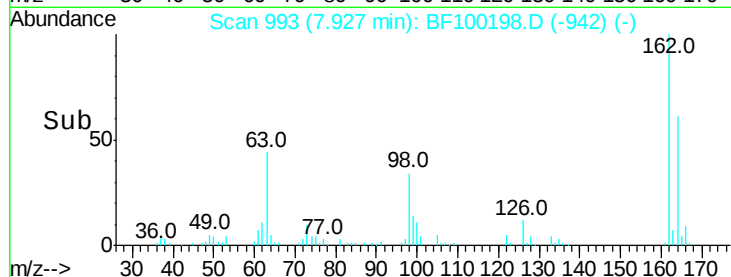
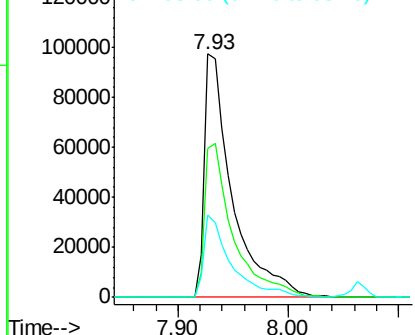
#29
 2,4-Dichlorophenol
 Concen: 34.947 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF100198.D
 Acq: 5 Nov 2017 00:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 167934
 Ion Ratio Lower Upper
 162 100
 164 61.4 42.7 82.7
 98 33.8 18.1 58.1

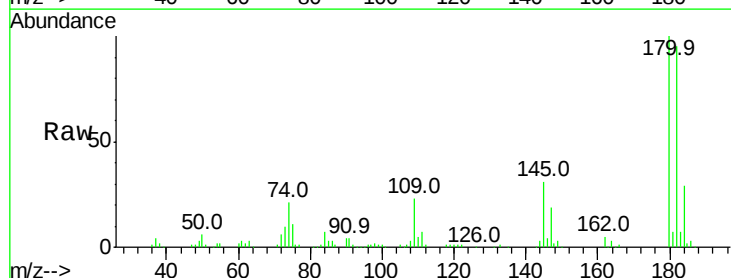


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

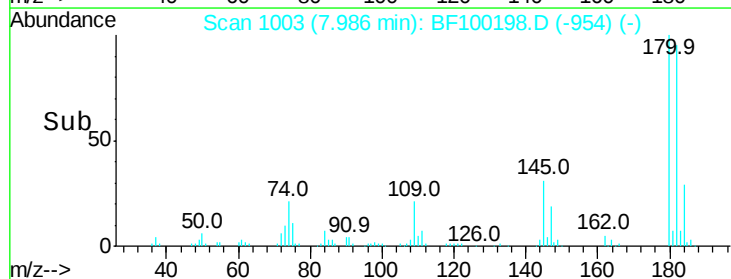
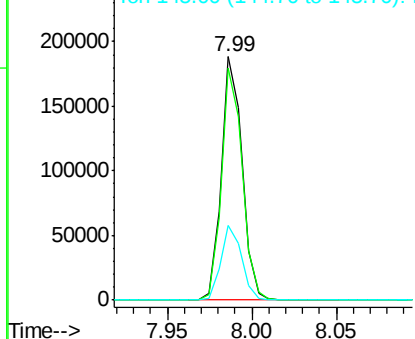


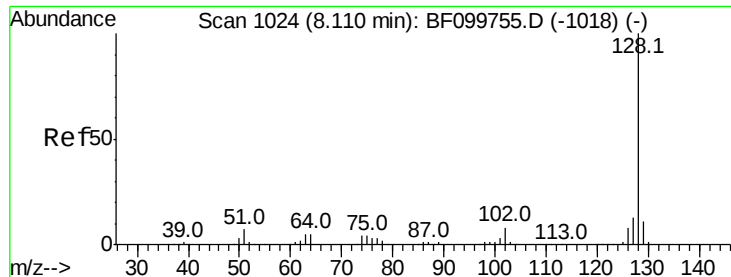
#30
 1,2,4-Trichlorobenzene
 Concen: 31.419 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF100198.D
 Acq: 5 Nov 2017 00:31

Tgt Ion:180 Resp: 161318
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.8 115.2
 145 30.9 26.5 39.7



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

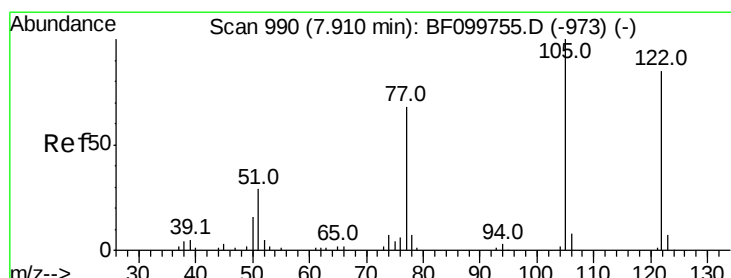
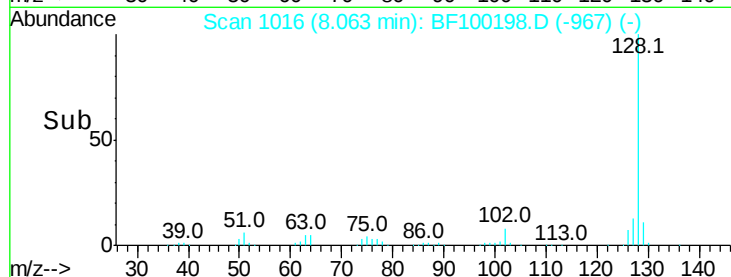
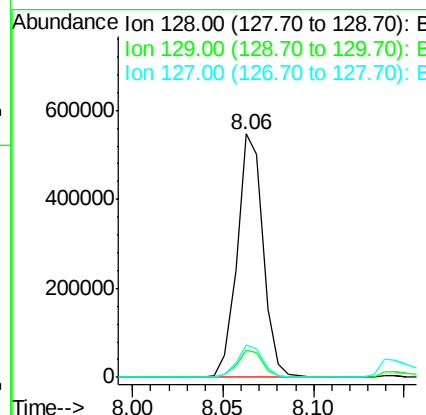
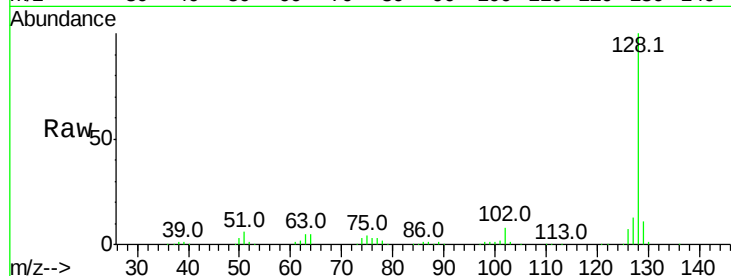




#31
Naphthalene
Concen: 32.083 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF100198.D
Acq: 5 Nov 2017 00:31

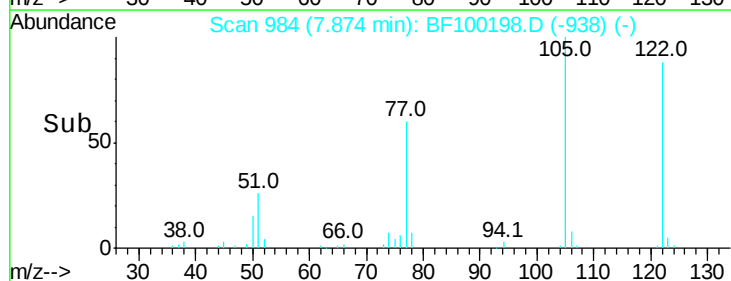
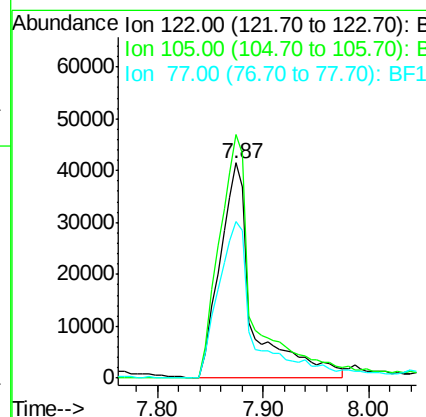
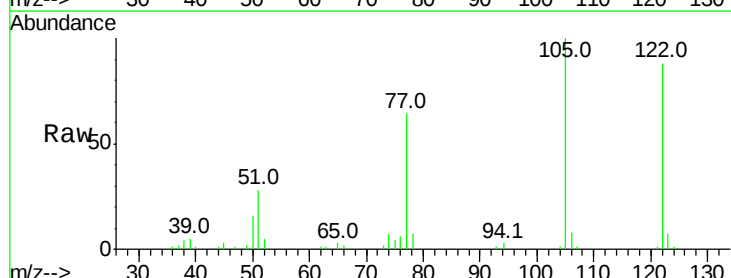
Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 542409
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.1 10.9 16.3



#32
Benzoic acid
Concen: 22.297 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.03 min
Lab File: BF100198.D
Acq: 5 Nov 2017 00:31

Tgt Ion:122 Resp: 90788
Ion Ratio Lower Upper
122 100
105 113.3 101.1 141.1
77 73.0 70.7 110.7

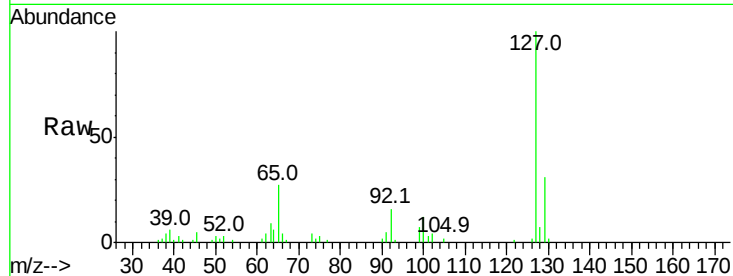




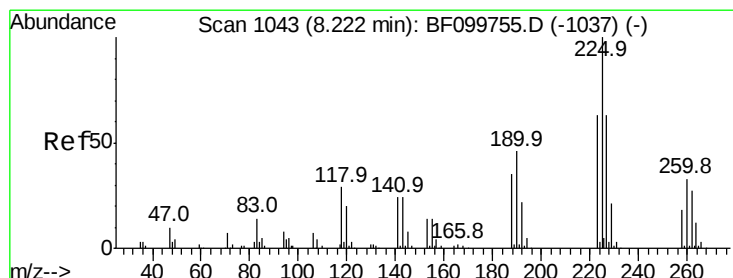
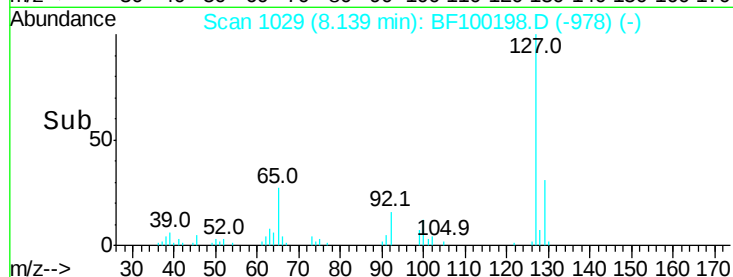
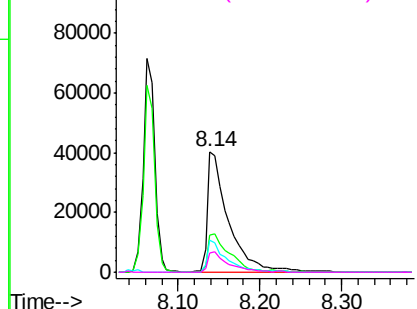
#33
4-Chloroaniline
Concen: 10.452 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF100198.D
Acq: 5 Nov 2017 00:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	72968
Ion	Ratio	Lower	Upper
127	100		
129	30.5	25.9	38.9
65	26.8	25.0	37.4
92	15.8	15.2	22.8

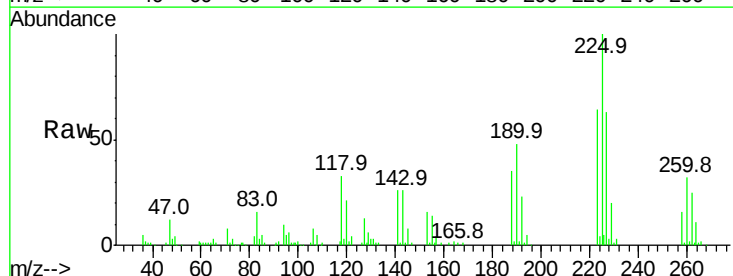


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

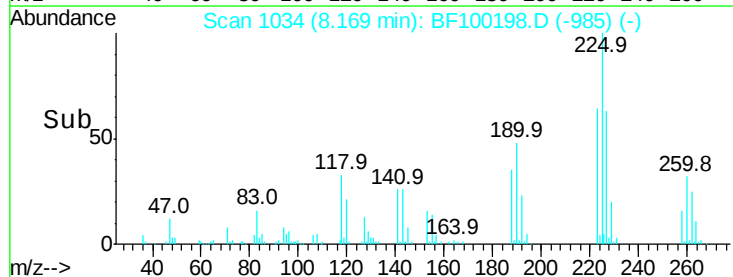
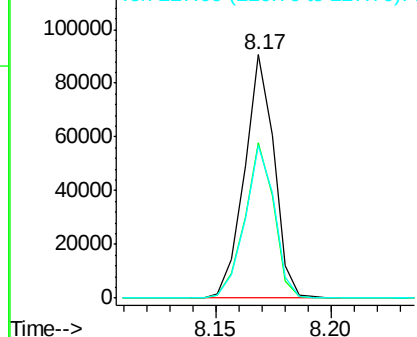


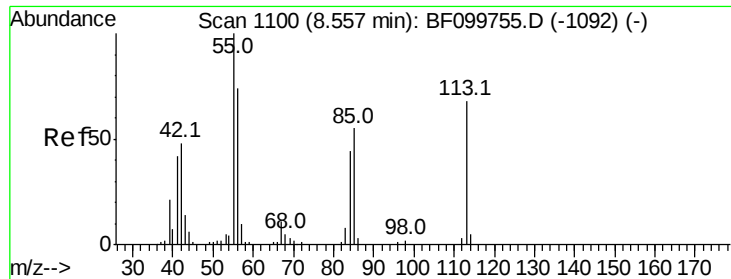
#34
Hexachlorobutadiene
Concen: 30.793 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF100198.D
Acq: 5 Nov 2017 00:31

Tgt Ion:	225	Resp:	81324
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.6	76.0
227	62.7	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

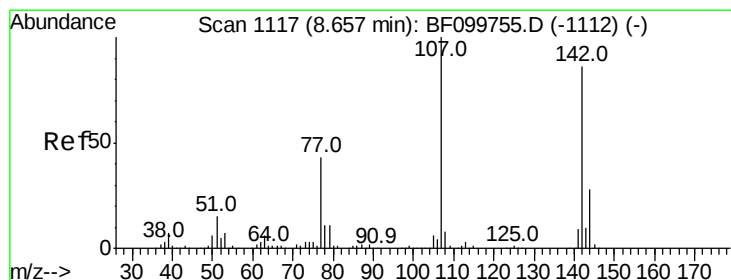
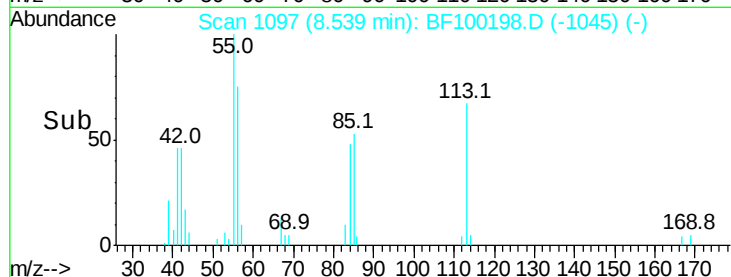
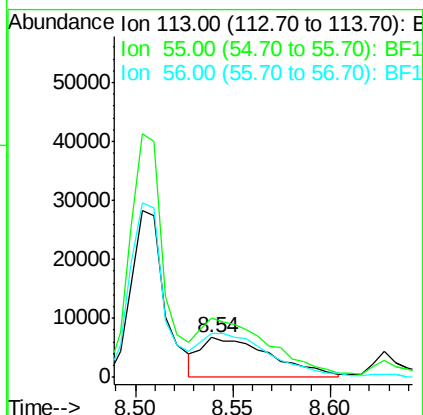
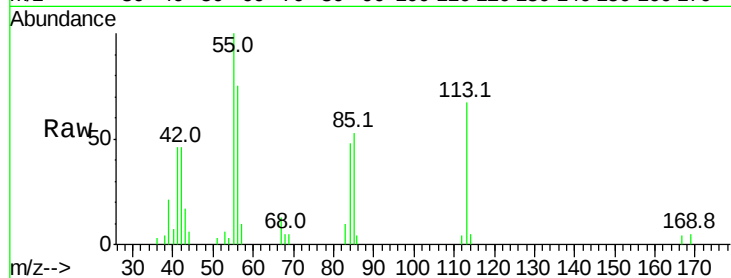




#35
Caprolactam
Concen: 11.310 ng
RT: 8.54 min Scan# 1097
Delta R.T. 0.01 min
Lab File: BF100198.D
Acq: 5 Nov 2017 00:31

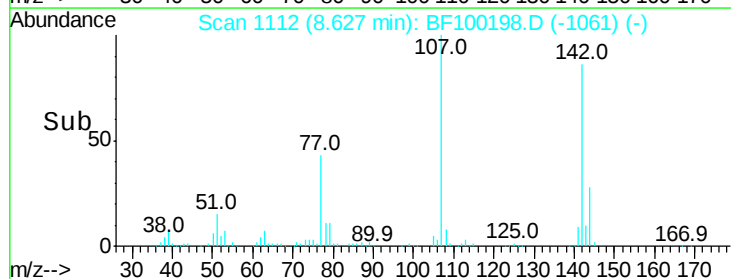
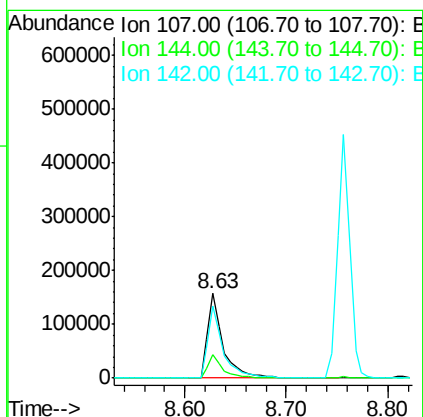
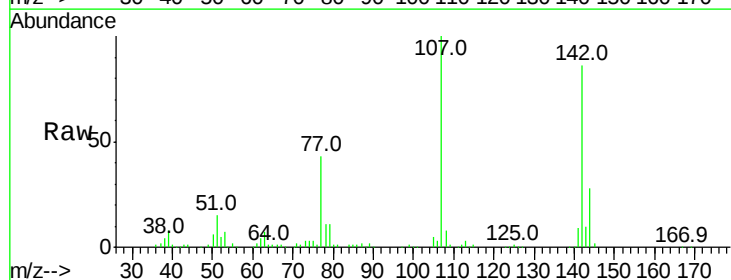
Instrument :
BNA_F
ClientSampleId :

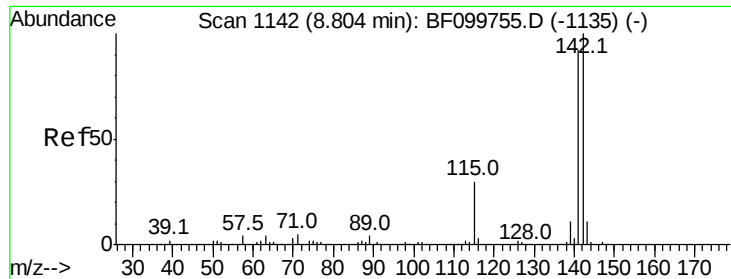
Tot Ion:113 Resp: 17091
Ion Ratio Lower Upper
113 100
55 149.4 163.3 203.3#
56 112.1 115.7 155.7#



#36
4-Chloro-3-methylphenol
Concen: 33.420 ng
RT: 8.63 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BF100198.D
Acq: 5 Nov 2017 00:31

Tgt Ion:107 Resp: 163918
Ion Ratio Lower Upper
107 100
144 28.2 20.5 30.7
142 85.7 62.0 93.0





#37

2-Methylnaphthalene

Concen: 33.951 ng

RT: 8.76 min Scan# 1134

Delta R.T. -0.01 min

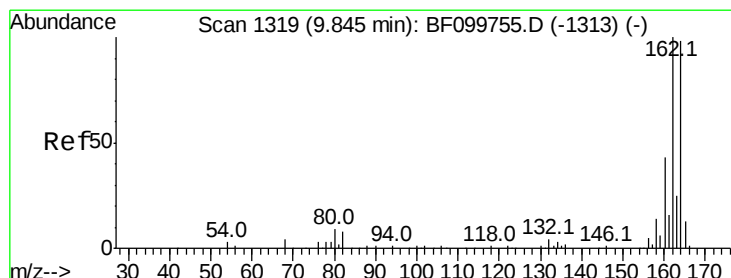
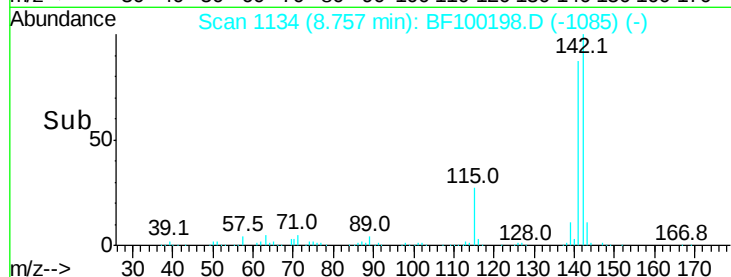
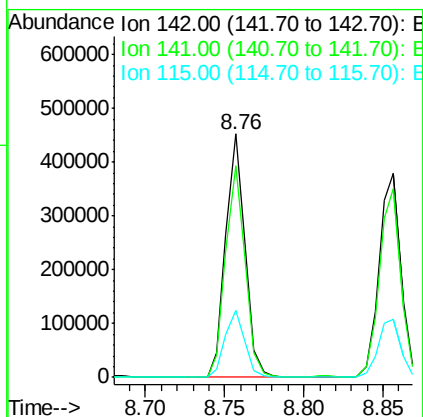
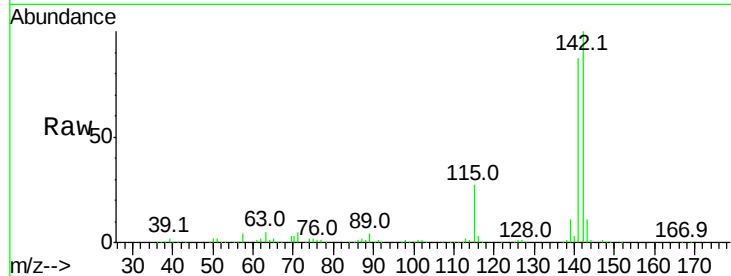
Lab File: BF100198.D

Acq: 5 Nov 2017 00:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 384655

Ion	Ratio	Lower	Upper
142	100		
141	86.7	70.8	106.2
115	27.3	26.1	39.1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1311

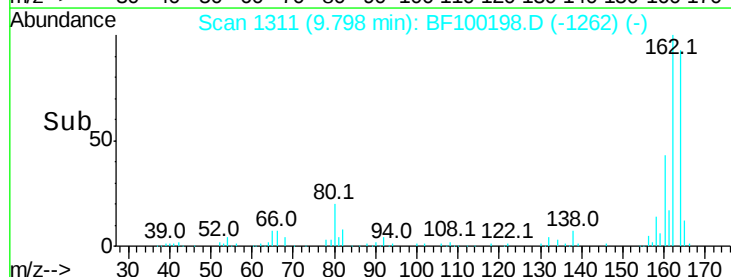
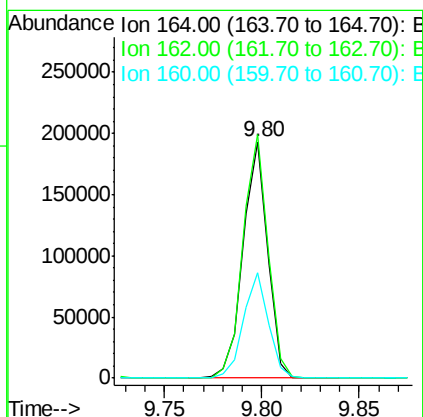
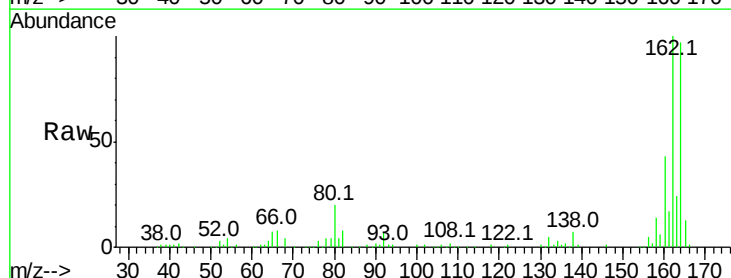
Delta R.T. -0.01 min

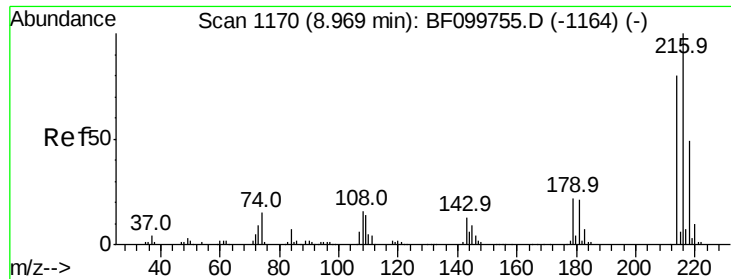
Lab File: BF100198.D

Acq: 5 Nov 2017 00:31

Tgt Ion:164 Resp: 168617

Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	44.8	38.3	57.5

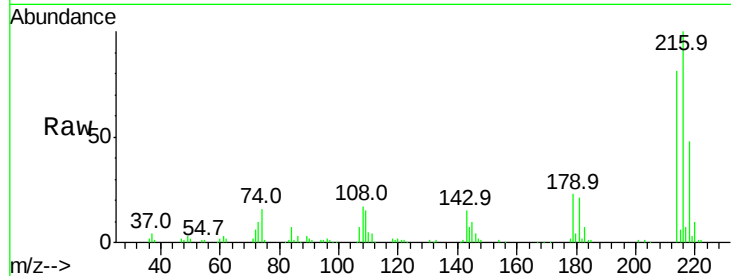




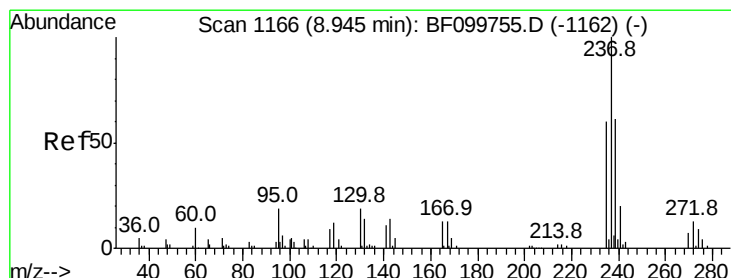
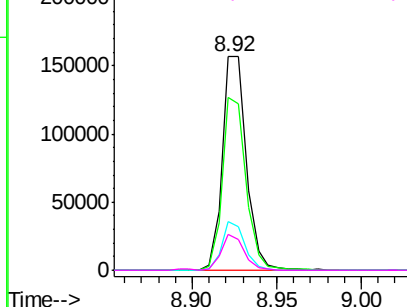
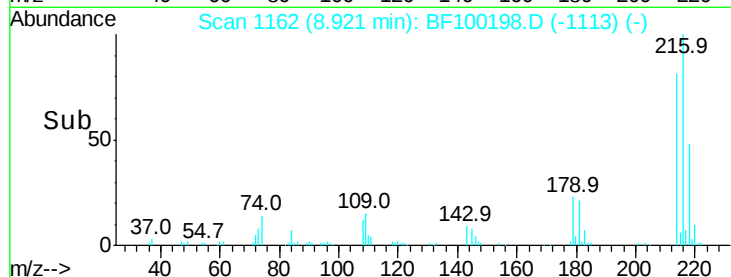
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 28.600 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF100198.D
 Acq: 5 Nov 2017 00:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	155751
Ion Ratio	Lower	Upper	
216	100		
214	79.8	63.0	94.4
179	21.6	18.1	27.1
108	16.6	17.2	25.8#

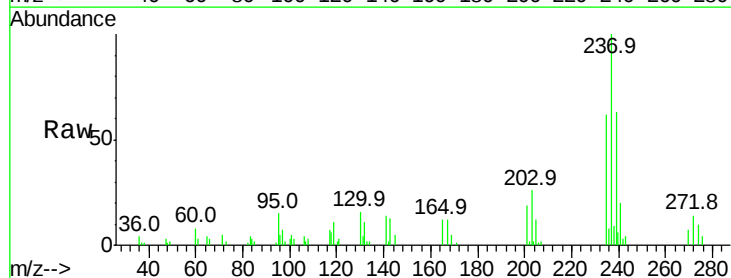


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

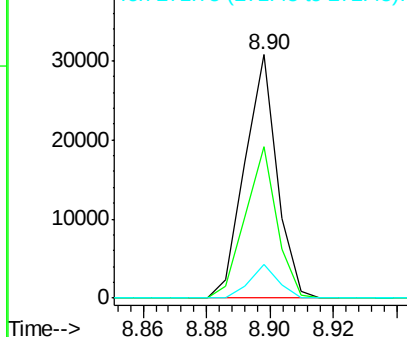
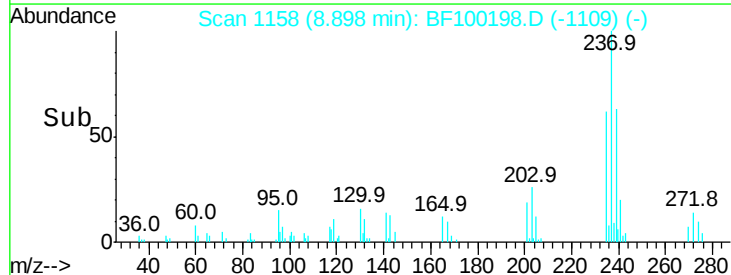


#40
 Hexachlorocyclopentadiene
 Concen: 30.808 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF100198.D
 Acq: 5 Nov 2017 00:31

Tgt Ion:	237	Resp:	21655
Ion Ratio	Lower	Upper	
237	100		
235	62.0	44.8	84.8
272	13.9	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

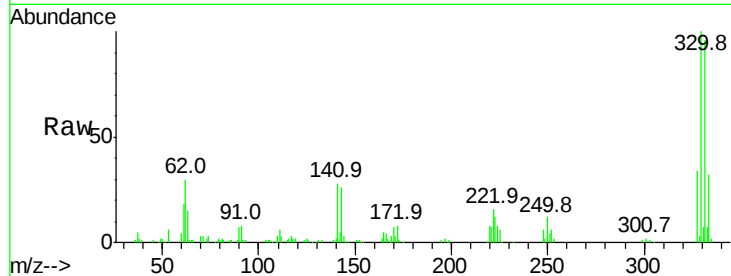




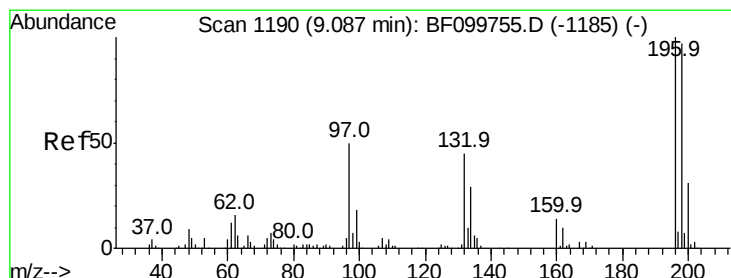
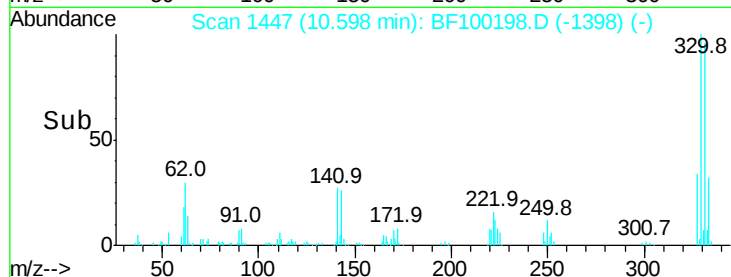
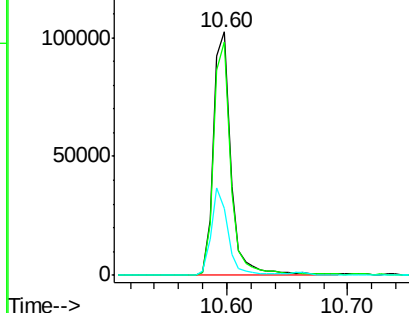
#41
 2,4,6-Tribromophenol
 Concen: 66.588 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF100198.D
 Acq: 5 Nov 2017 00:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	34.3	29.9	44.9

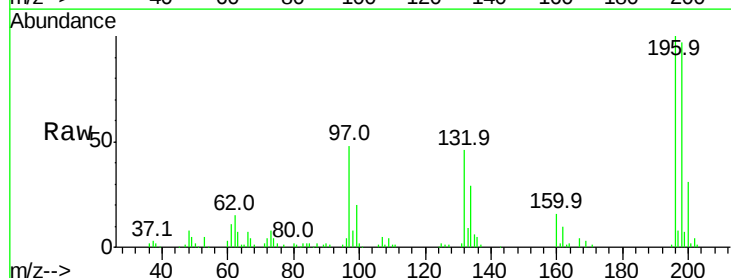


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

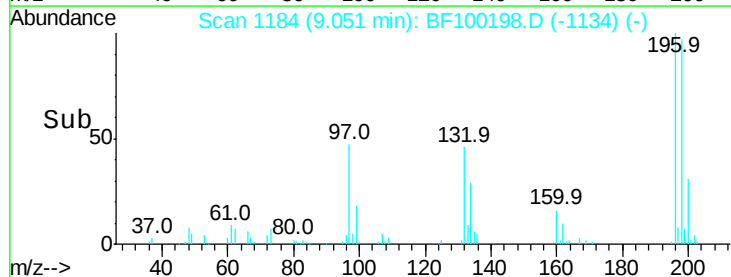
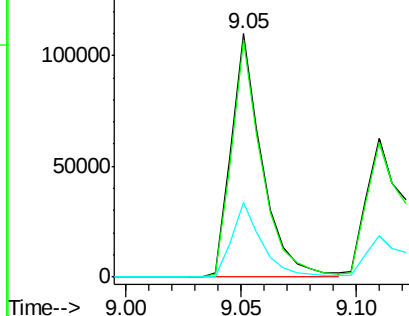


#42
 2,4,6-Trichlorophenol
 Concen: 30.996 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF100198.D
 Acq: 5 Nov 2017 00:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.3	75.7	113.5
200	30.7	24.5	36.7



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

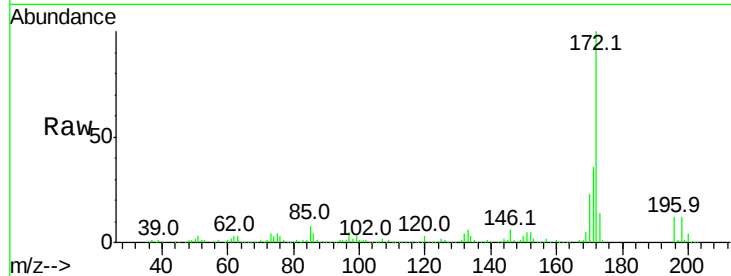




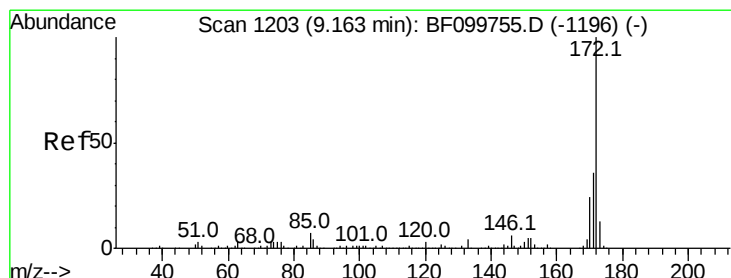
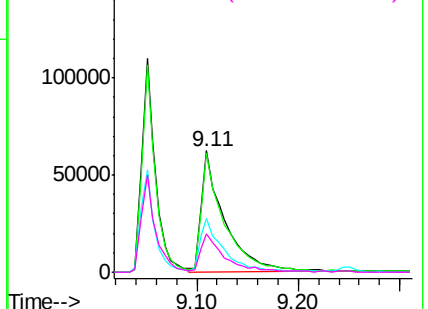
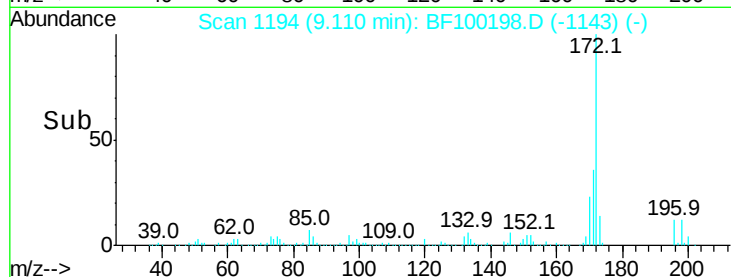
#43
 2,4,5-Trichlorophenol
 Concen: 28.326 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF100198.D
 Acq: 5 Nov 2017 00:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 99020
 Ion Ratio Lower Upper
 196 100
 198 98.0 74.6 112.0
 97 44.2 42.9 64.3
 132 31.4 26.3 39.5

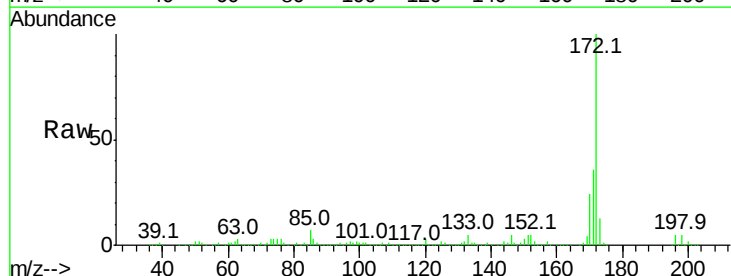


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

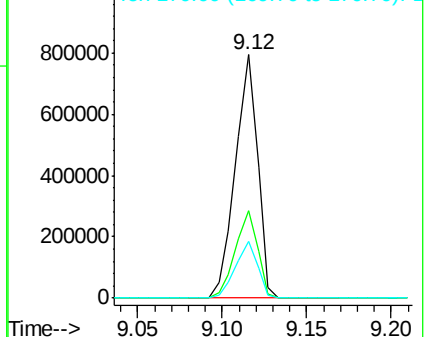
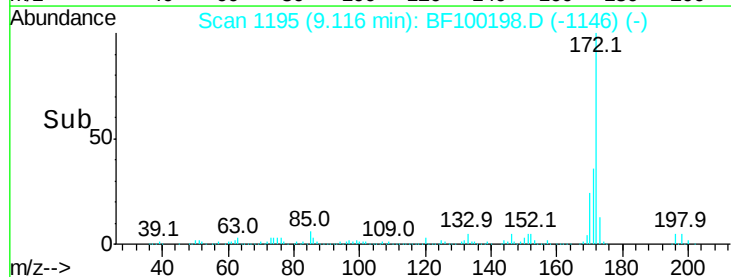


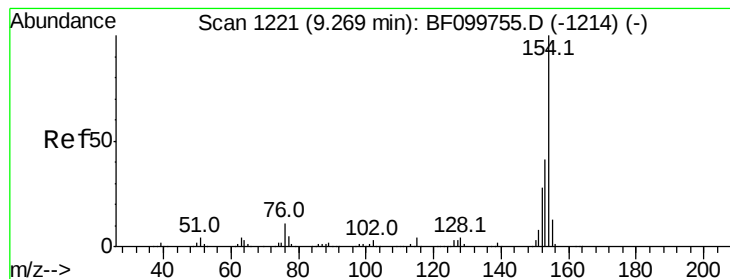
#44
 2-Fluorobiphenyl
 Concen: 66.640 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF100198.D
 Acq: 5 Nov 2017 00:31

Tgt Ion:172 Resp: 728304
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.6 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 29.571 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.02 min

Lab File: BF100198.D

Acq: 5 Nov 2017 00:31

Instrument :

BNA_F

ClientSampled :

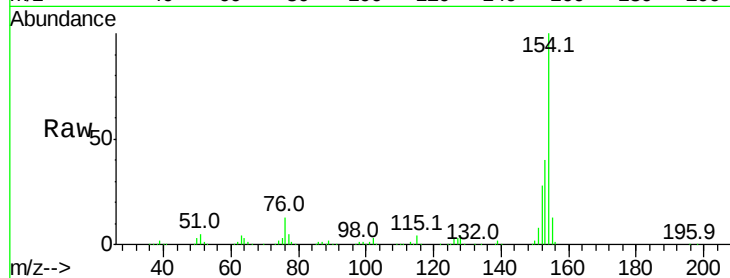
Tot Ion:154 Resp: 451072

Ion Ratio Lower Upper

154 100

153 40.5 21.3 61.3

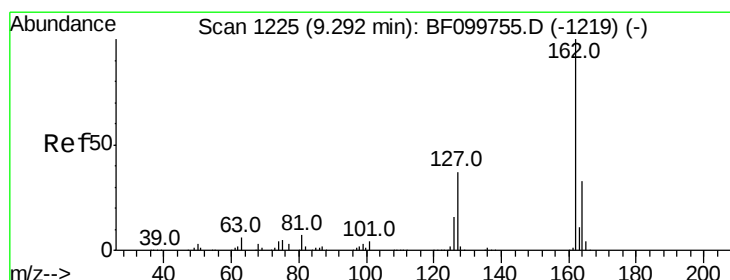
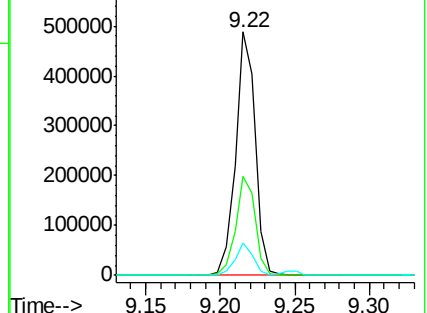
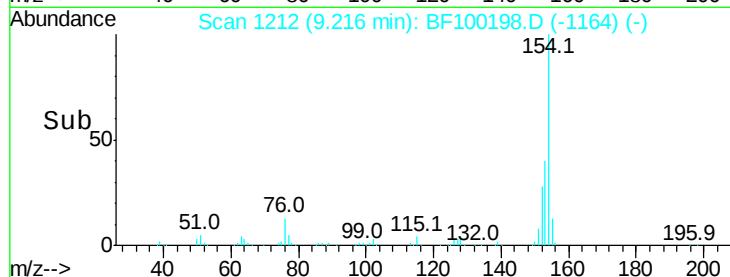
76 13.1 0.0 34.0



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): BF1



#46

2-Chloronaphthalene

Concen: 31.831 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF100198.D

Acq: 5 Nov 2017 00:31

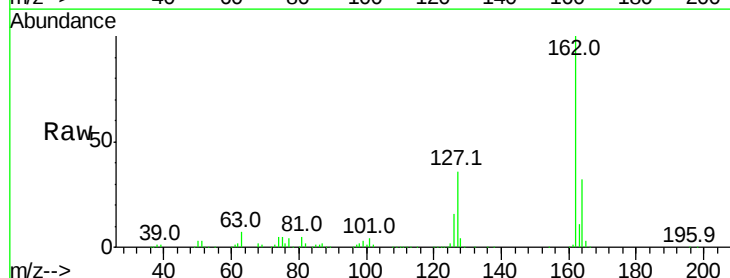
Tgt Ion:162 Resp: 352619

Ion Ratio Lower Upper

162 100

127 36.4 33.9 50.9

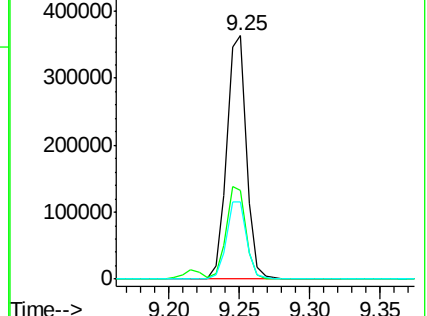
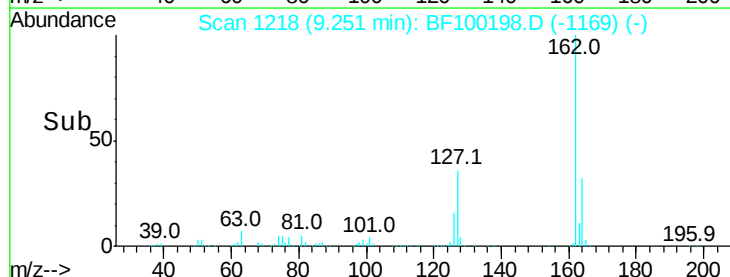
164 31.7 26.5 39.7

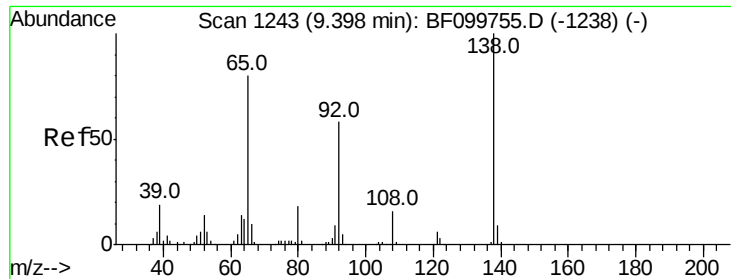


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

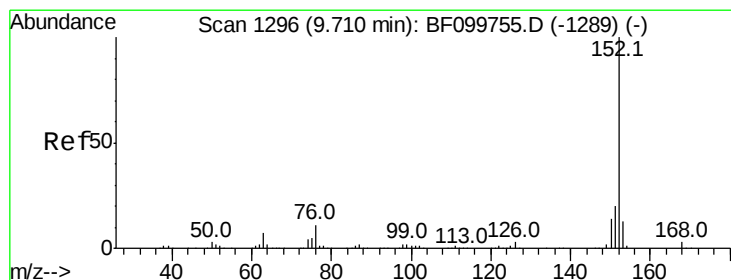
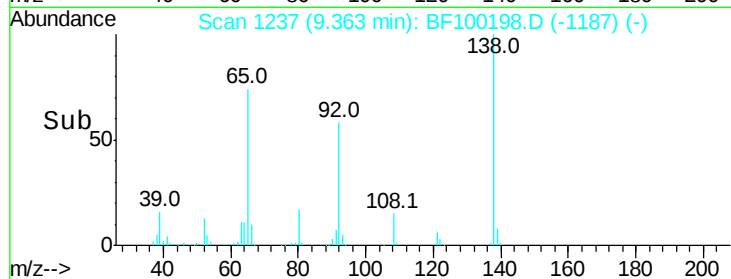
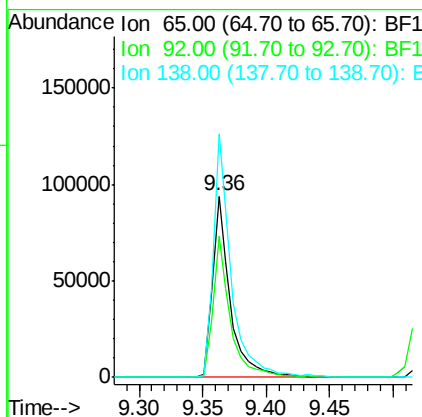
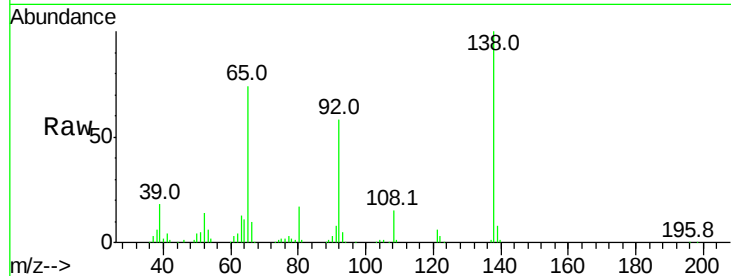




#47
2-Nitroaniline
Concen: 31.963 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF100198.D
Acq: 5 Nov 2017 00:31

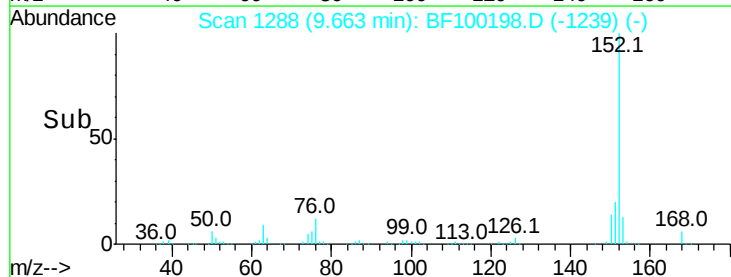
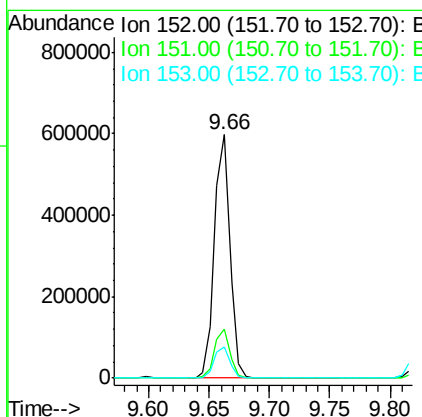
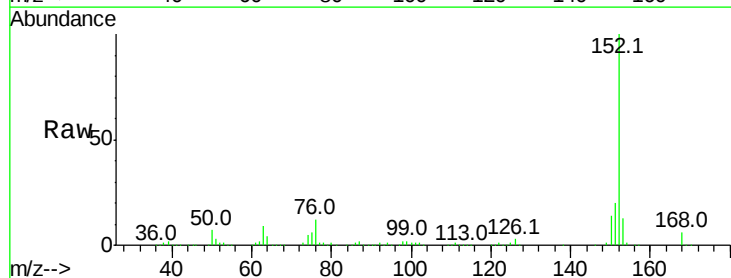
Instrument :
BNA_F
ClientSampleId :

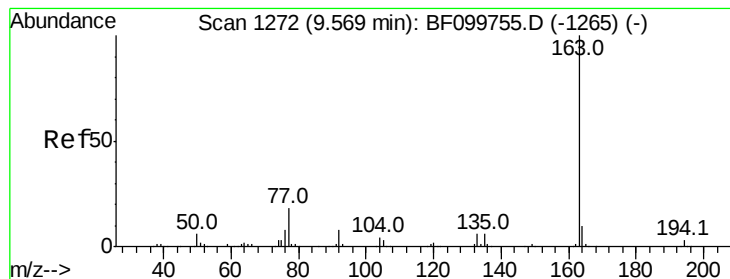
Tot Ion: 65 Resp: 92933
Ion Ratio Lower Upper
65 100
92 77.9 55.8 83.6
138 134.5 91.2 136.8



#48
Acenaphthylene
Concen: 30.889 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF100198.D
Acq: 5 Nov 2017 00:31

Tgt Ion: 152 Resp: 527030
Ion Ratio Lower Upper
152 100
151 19.9 16.3 24.5
153 12.8 10.7 16.1





#49

Dimethylphthalate

Concen: 30.225 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF100198.D

Acq: 5 Nov 2017 00:31

Instrument :

BNA_F

ClientSampleId :

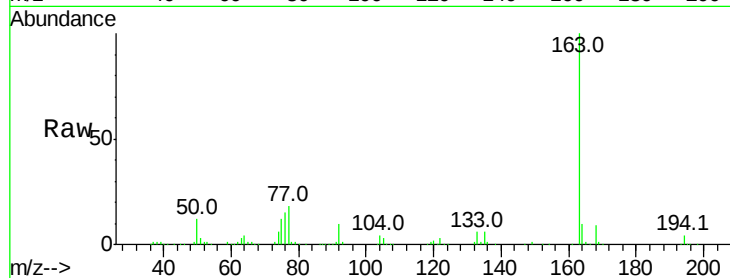
Tot Ion:163 Resp: 403597

Ion Ratio Lower Upper

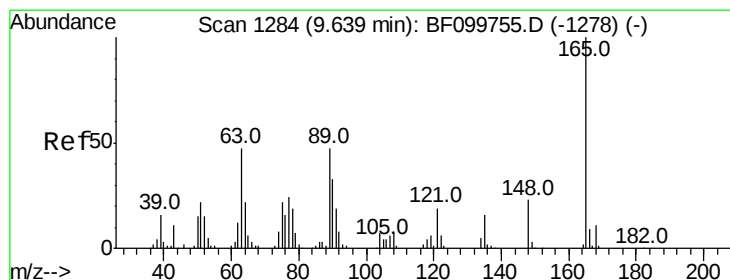
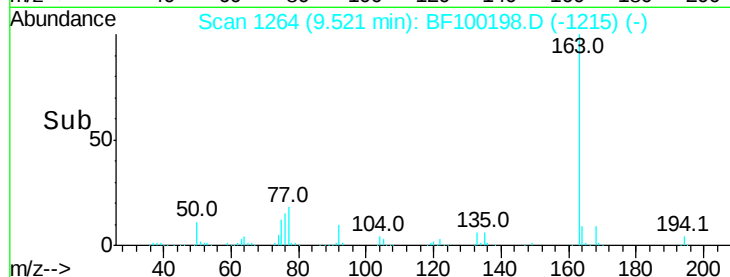
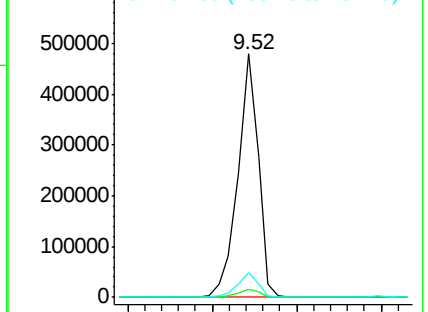
163 100

194 3.5 2.7 4.1

164 10.3 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: 31.638 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF100198.D

Acq: 5 Nov 2017 00:31

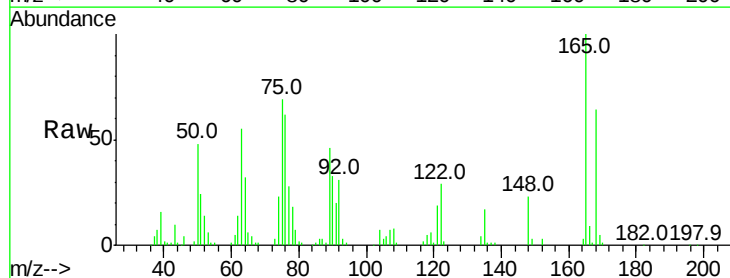
Tgt Ion:165 Resp: 88813

Ion Ratio Lower Upper

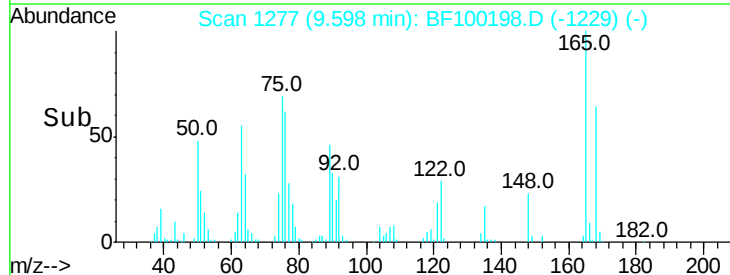
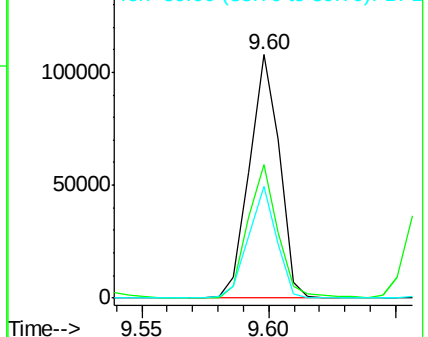
165 100

63 54.8 44.7 67.1

89 46.0 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

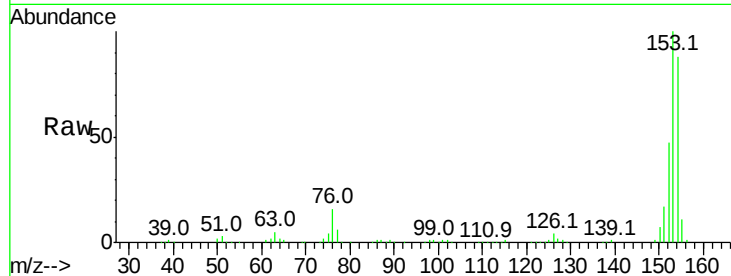




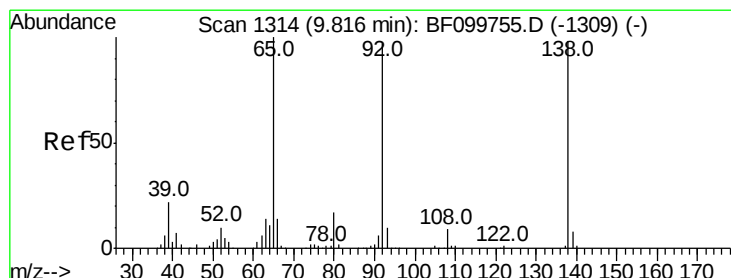
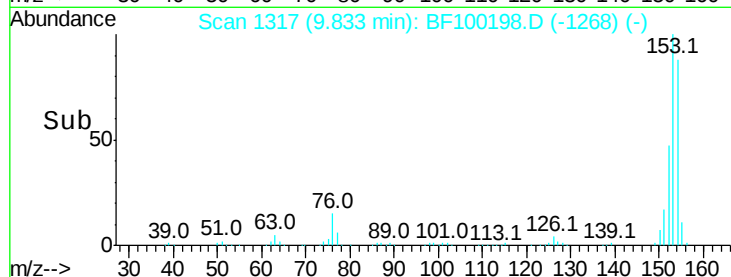
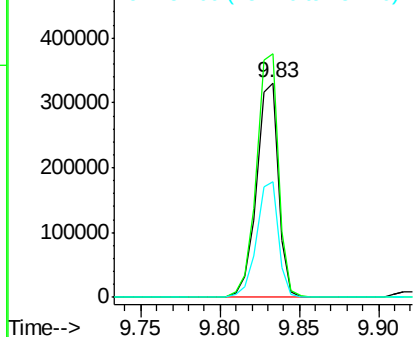
#51
Acenaphthene
Concen: 30.646 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF100198.D
Acq: 5 Nov 2017 00:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 319494
Ion Ratio Lower Upper
154 100
153 113.6 91.2 136.8
152 53.7 43.8 65.8

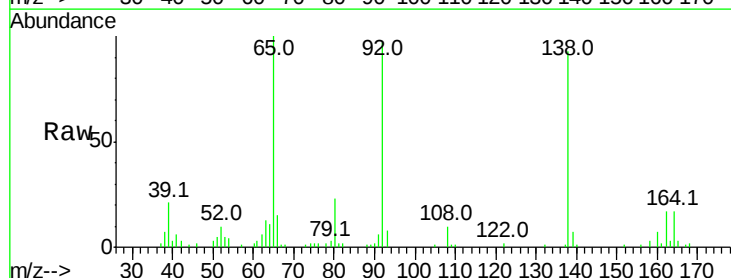


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

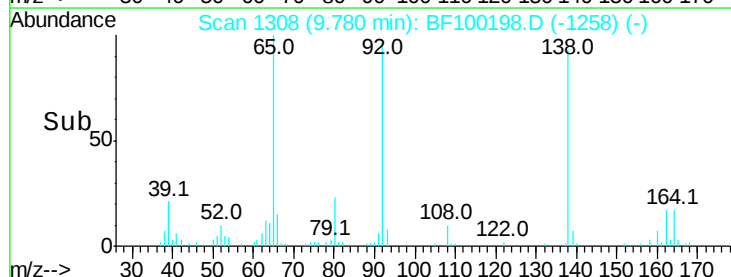
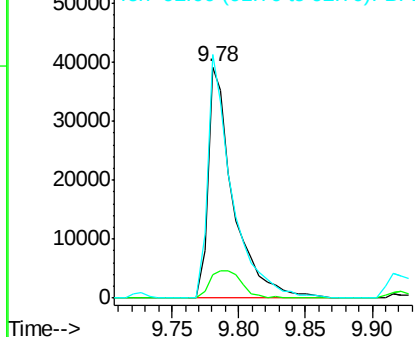


#52
3-Nitroaniline
Concen: 15.657 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF100198.D
Acq: 5 Nov 2017 00:31

Tgt Ion:138 Resp: 51786
Ion Ratio Lower Upper
138 100
108 10.3 9.4 14.0
92 105.3 89.4 134.2



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

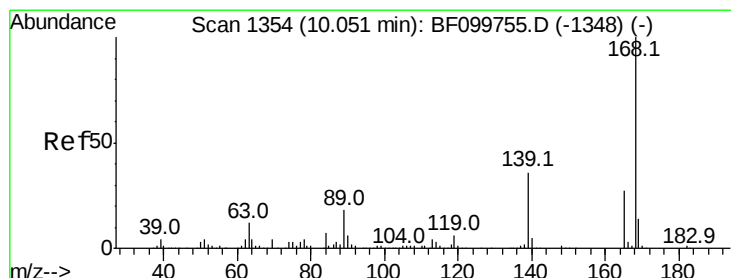
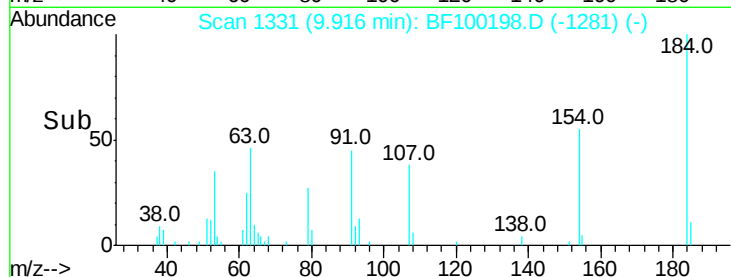
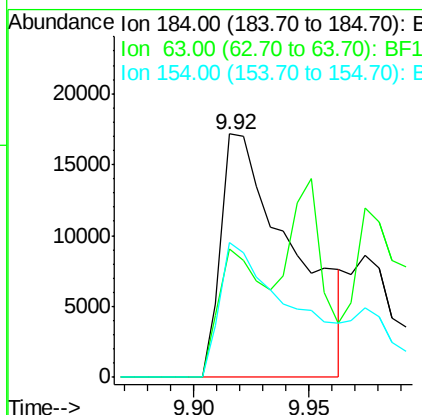
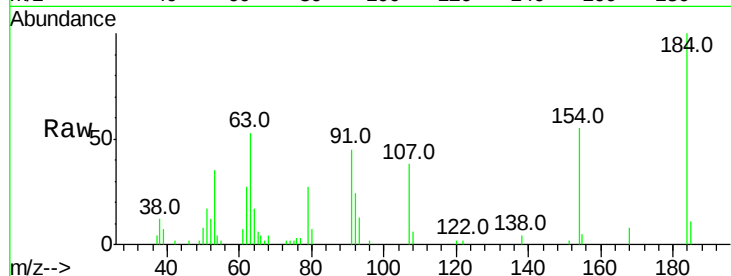




#53
 2,4-Dinitrophenol
 Concen: 36.815 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100198.D
 Acq: 5 Nov 2017 00:31

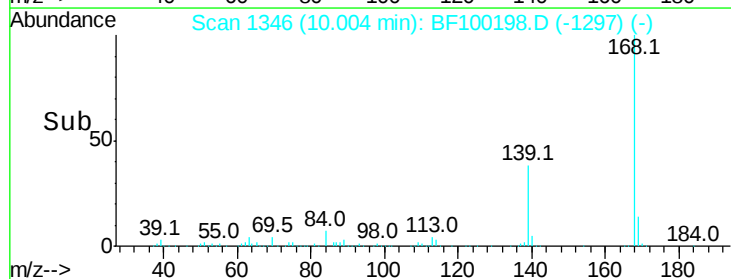
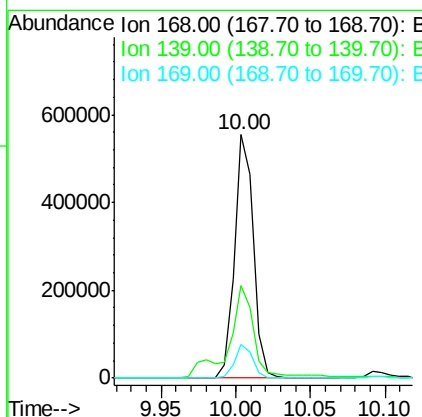
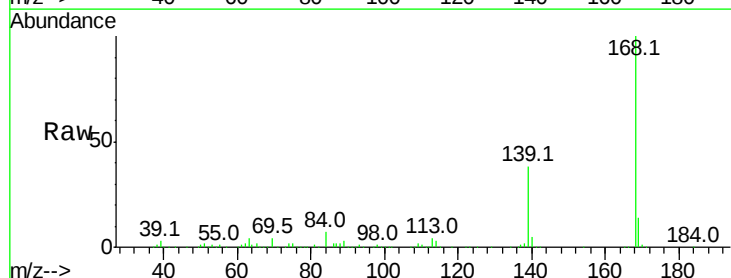
Instrument :
 BNA_F
 ClientSampleId :

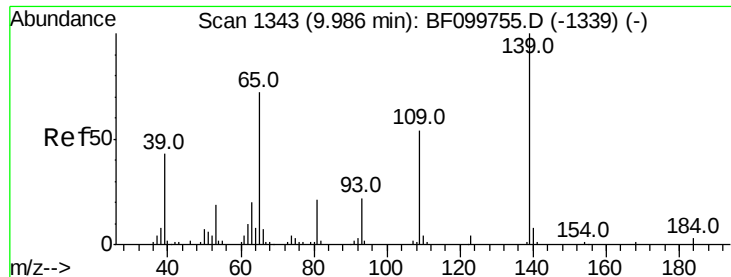
Tot Ion:184 Resp: 37089
 Ion Ratio Lower Upper
 184 100
 63 52.7 54.2 81.2#
 154 55.4 53.5 80.3



#54
 Dibenzofuran
 Concen: 33.481 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF100198.D
 Acq: 5 Nov 2017 00:31

Tgt Ion:168 Resp: 492715
 Ion Ratio Lower Upper
 168 100
 139 38.0 30.1 45.1
 169 13.7 10.9 16.3

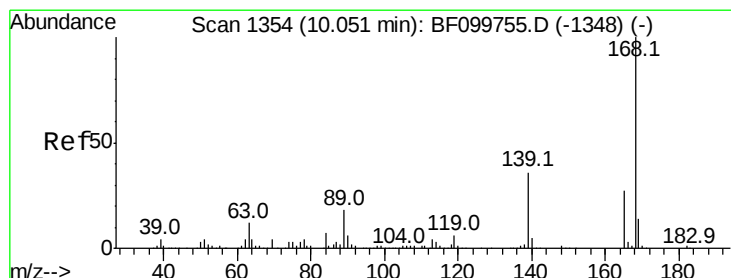
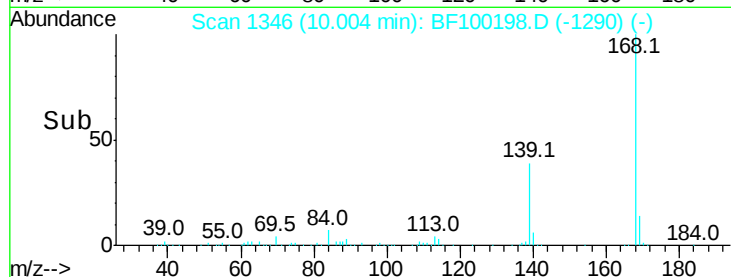
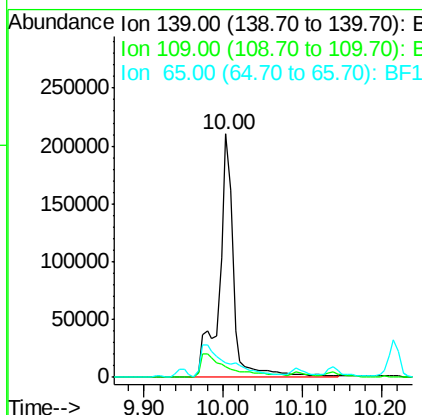
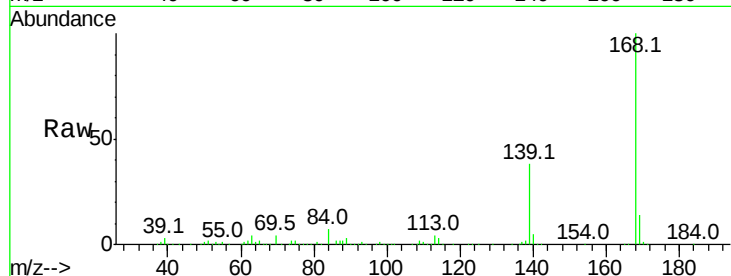




#55
4-Nitrophenol
Concen: 155.343 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.03 min
Lab File: BF100198.D
Acq: 5 Nov 2017 00:31

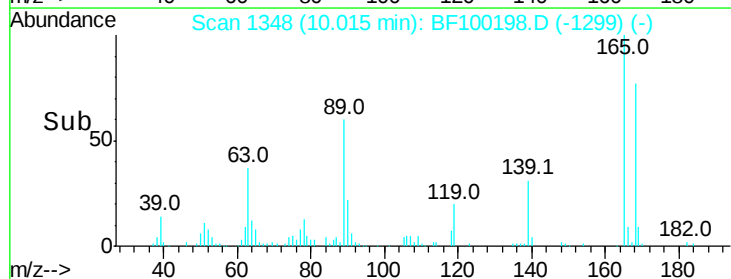
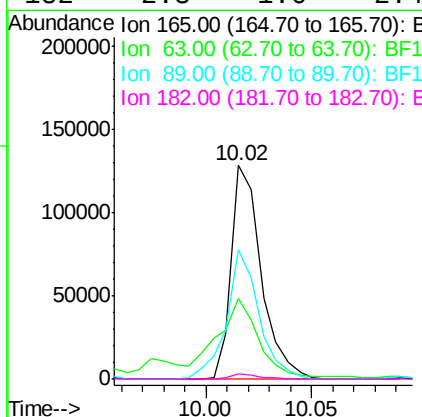
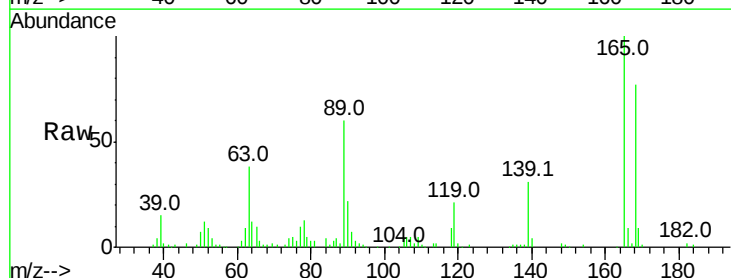
Instrument :
BNA_F
ClientSampleId :

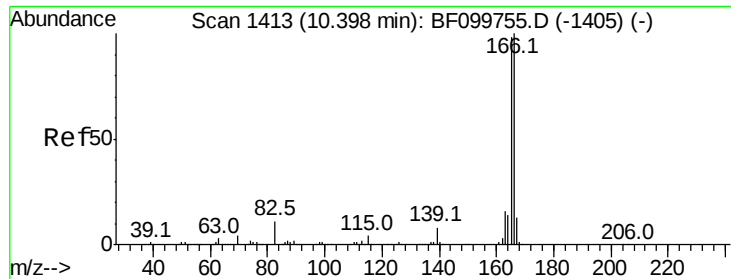
Tot Ion:139 Resp: 268469
Ion Ratio Lower Upper
139 100
109 4.4 48.4 88.4#
65 5.8 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 37.221 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF100198.D
Acq: 5 Nov 2017 00:31

Tgt Ion:165 Resp: 125828
Ion Ratio Lower Upper
165 100
63 37.8 36.4 54.6
89 60.3 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 32.414 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF100198.D

Acq: 5 Nov 2017 00:31

Instrument :

BNA_F

ClientSampled :

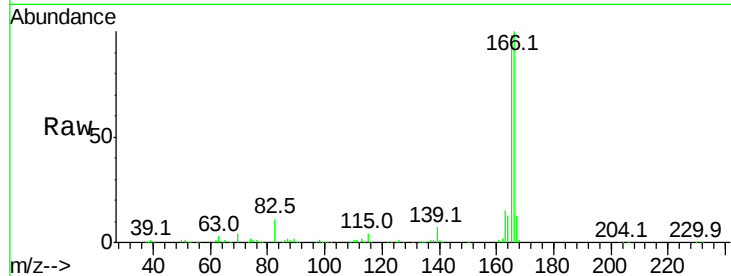
Tot Ion:166 Resp: 394954

Ion Ratio Lower Upper

166 100

165 98.3 79.8 119.8

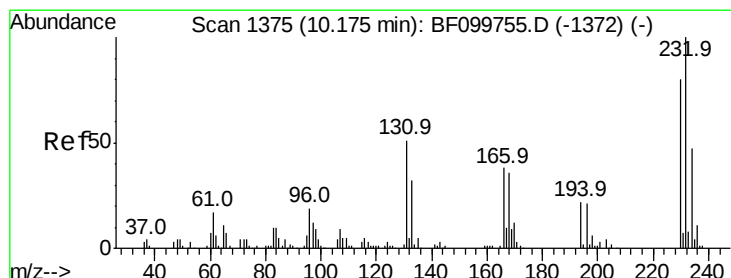
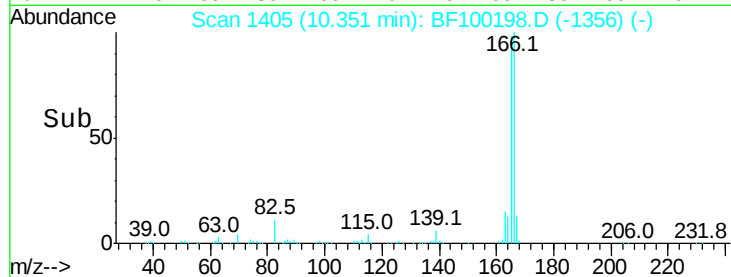
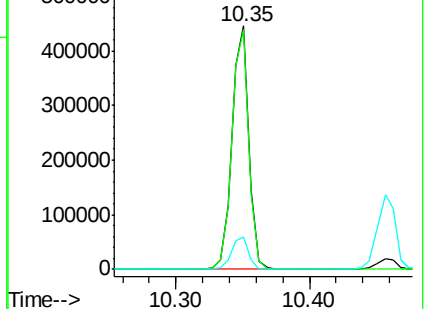
167 13.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.714 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.01 min

Lab File: BF100198.D

Acq: 5 Nov 2017 00:31

Tgt Ion:232 Resp: 87534

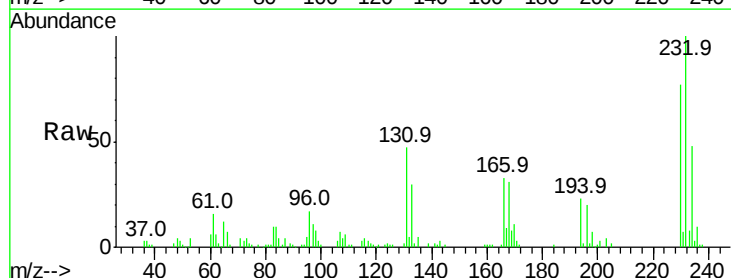
Ion Ratio Lower Upper

232 100

131 41.8 43.8 65.8#

130 1.8 2.1 3.1#

166 30.7 27.8 41.6

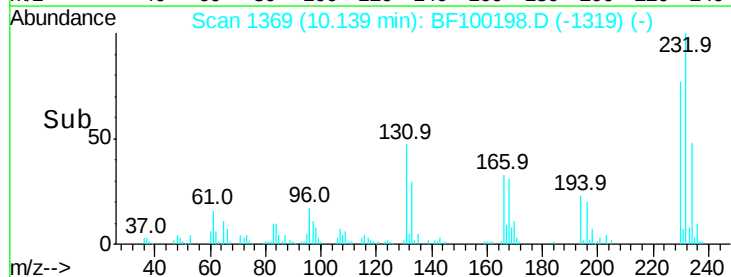
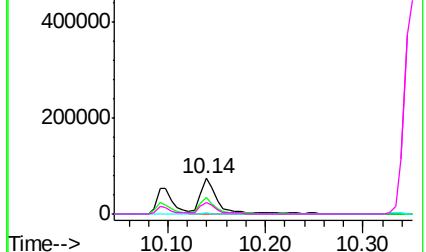


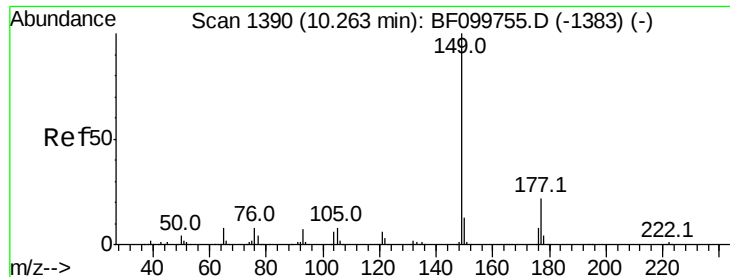
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

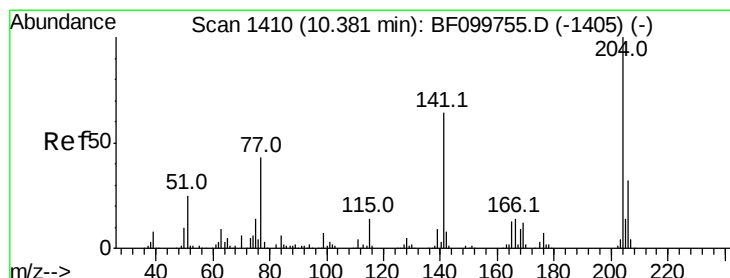
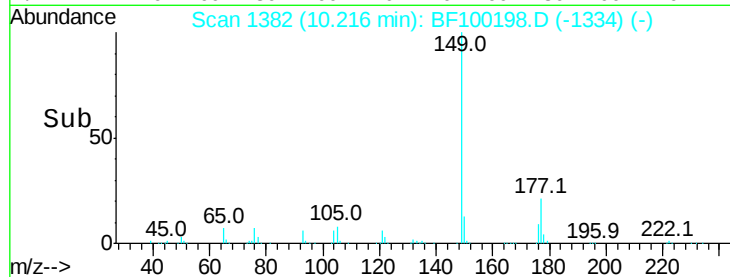
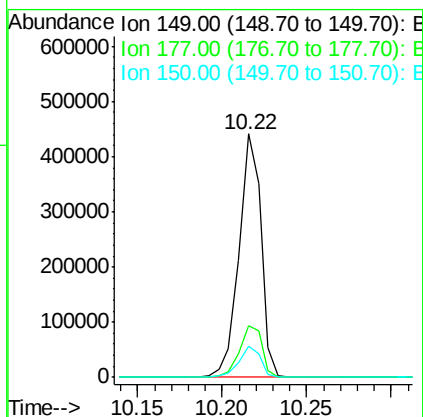
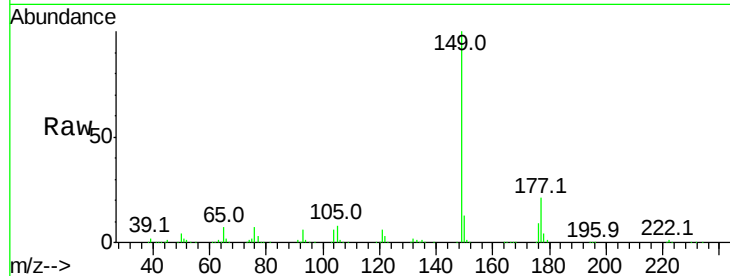




#59
Diethylphthalate
Concen: 30.807 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.02 min
Lab File: BF100198.D
Acq: 5 Nov 2017 00:31

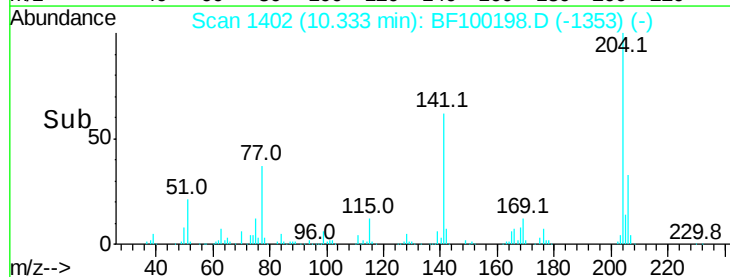
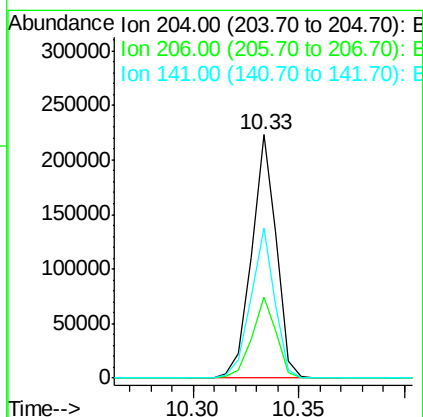
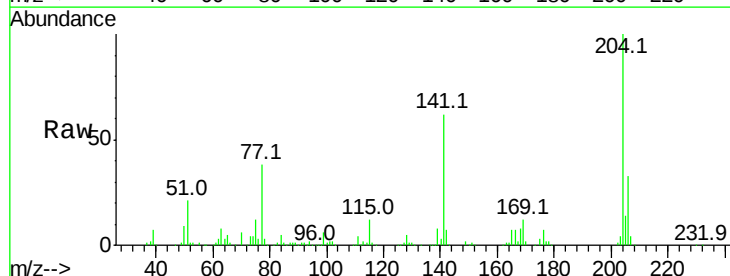
Instrument :
BNA_F
ClientSampleId :

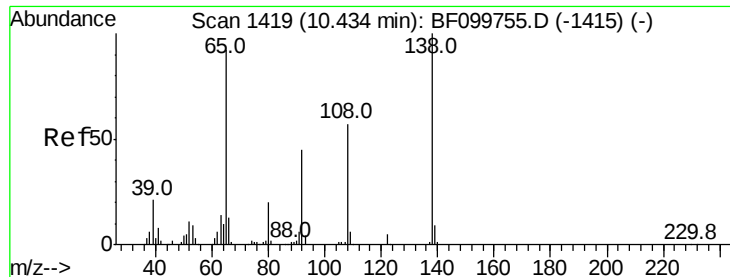
Tot Ion:149 Resp: 401726
Ion Ratio Lower Upper
149 100
177 21.3 16.1 24.1
150 12.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 31.504 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF100198.D
Acq: 5 Nov 2017 00:31

Tgt Ion:204 Resp: 180656
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 61.6 54.6 81.8

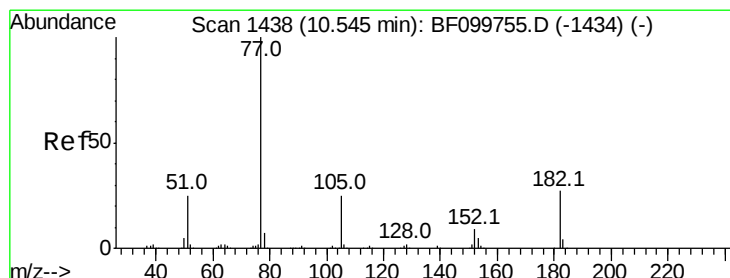
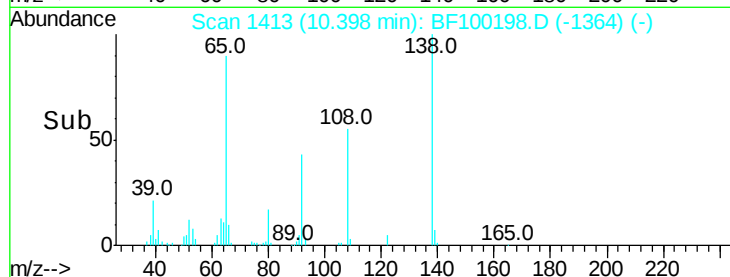
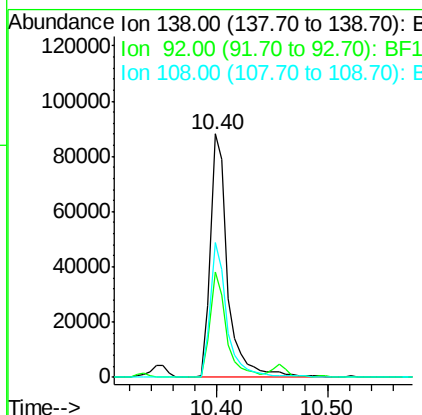
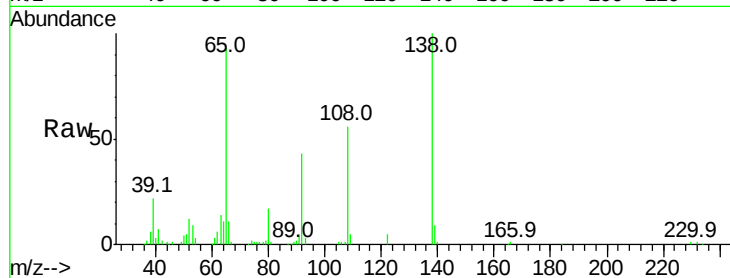




#61
4-Nitroaniline
Concen: 29.916 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF100198.D
Acq: 5 Nov 2017 00:31

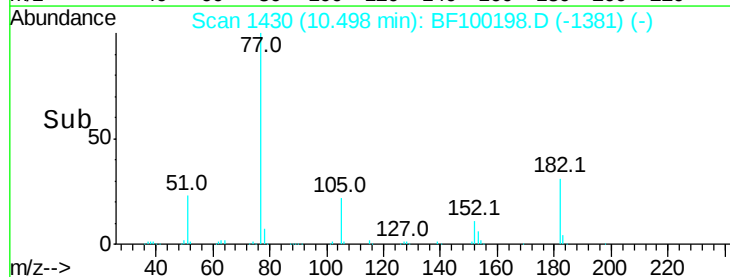
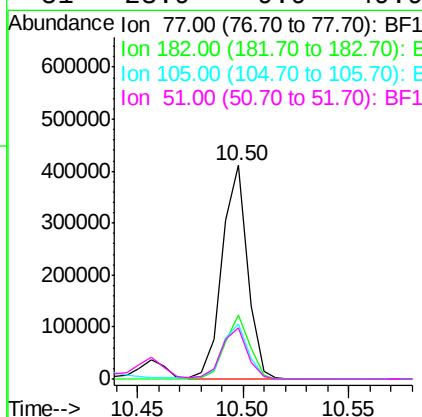
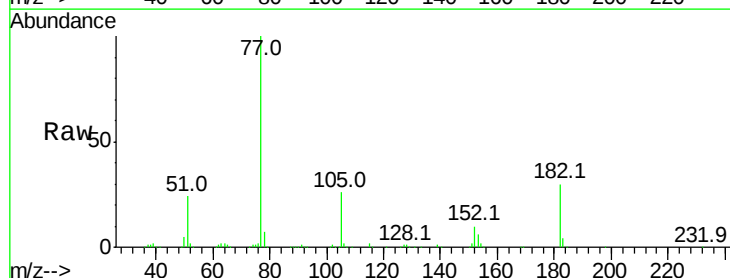
Instrument :
BNA_F
ClientSampled :

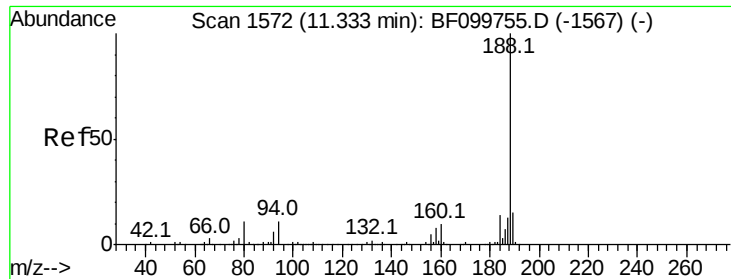
Tot Ion:138 Resp: 94405
Ion Ratio Lower Upper
138 100
92 43.4 30.2 70.2
108 55.6 52.5 92.5



#62
Azobenzene
Concen: 31.184 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF100198.D
Acq: 5 Nov 2017 00:31

Tgt Ion: 77 Resp: 340873
Ion Ratio Lower Upper
77 100
182 30.2 1.7 41.7
105 25.7 3.0 43.0
51 23.9 9.9 49.9

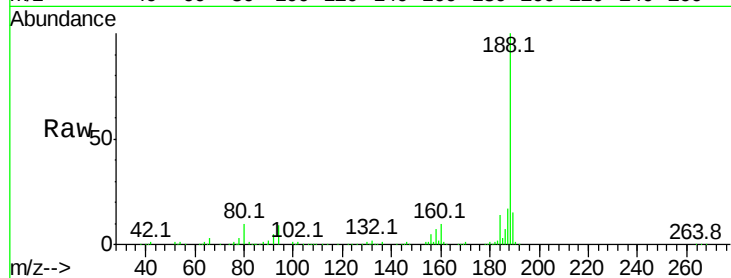




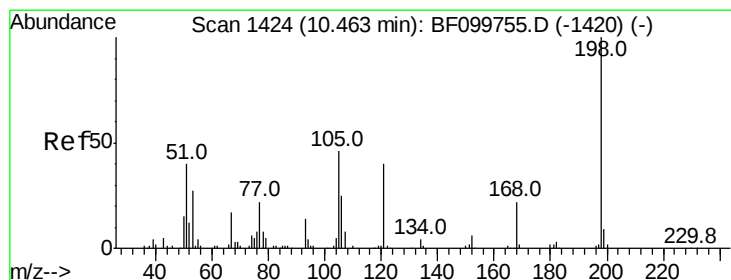
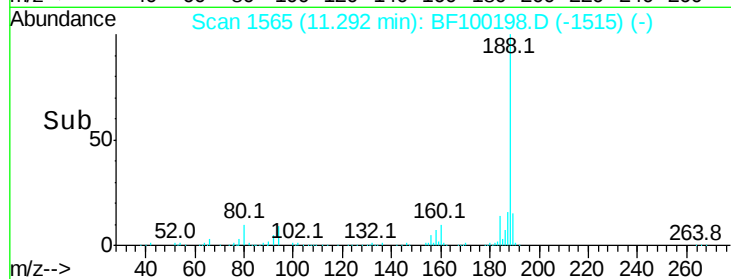
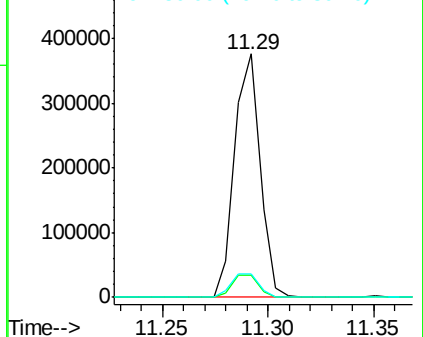
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF100198.D
Acq: 5 Nov 2017 00:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 313823
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 9.8 9.2 13.8

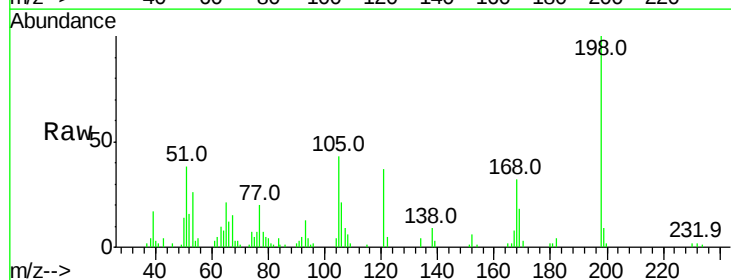


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

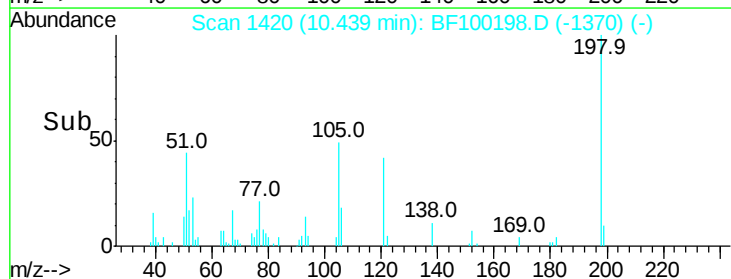
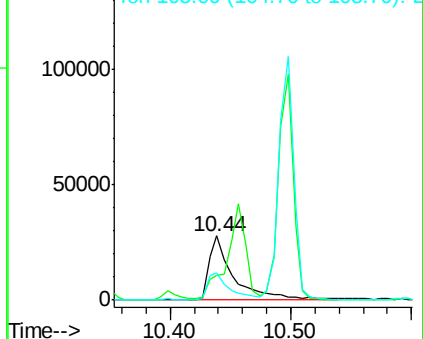


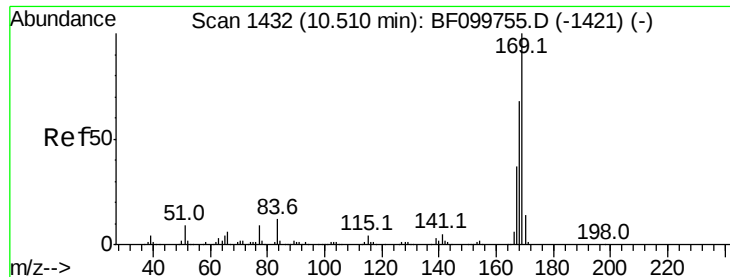
#64
4,6-Dinitro-2-methylphenol
Concen: 19.958 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF100198.D
Acq: 5 Nov 2017 00:31

Tgt Ion:198 Resp: 39371
Ion Ratio Lower Upper
198 100
51 38.3 37.7 77.7
105 42.8 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

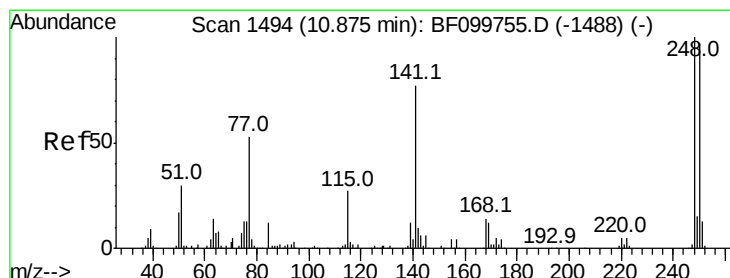
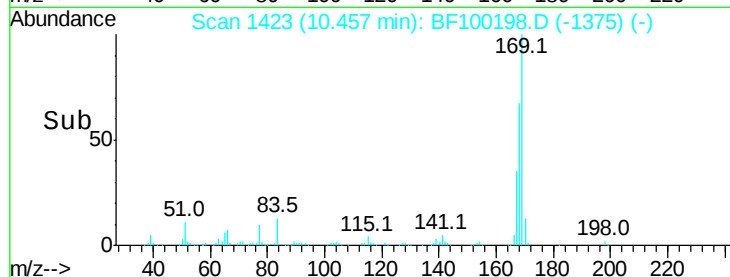
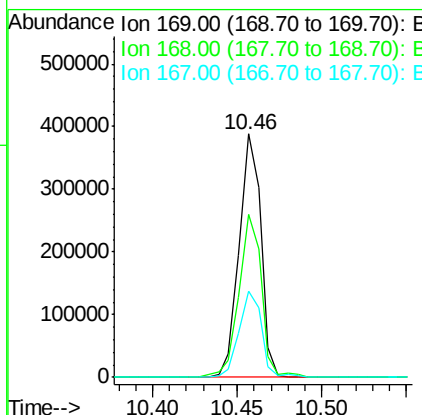
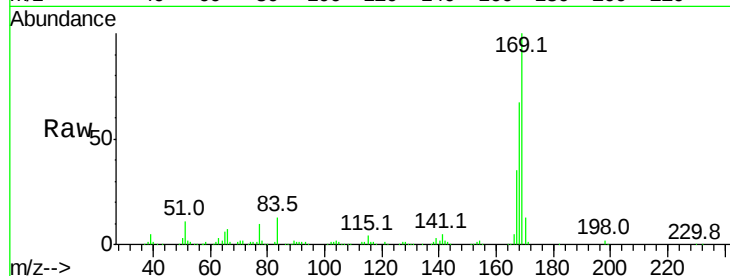




#65
 n-Nitrosodiphenylamine
 Concen: 29.971 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.02 min
 Lab File: BF100198.D
 Acq: 5 Nov 2017 00:31

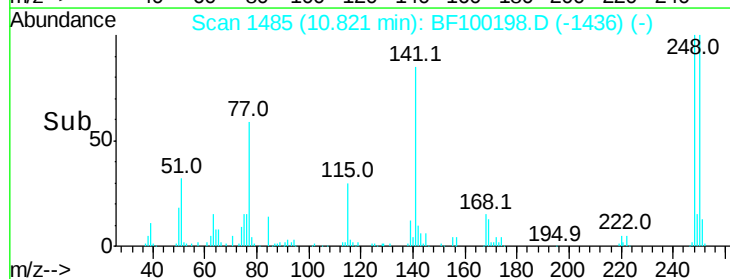
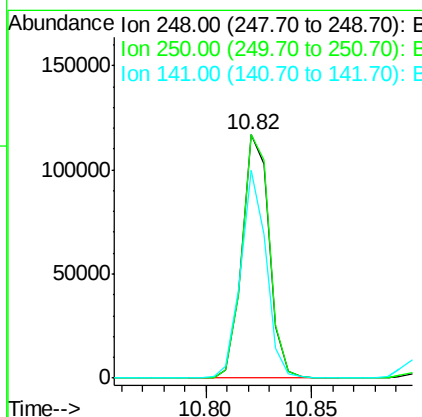
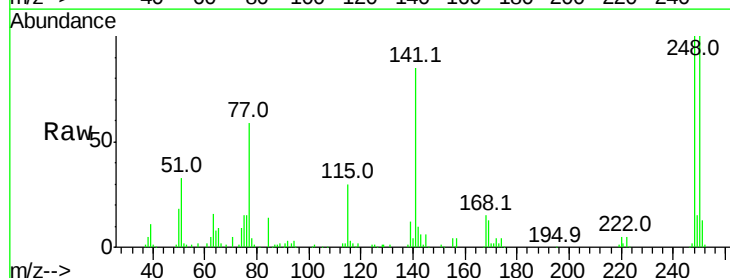
Instrument :
 BNA_F
 ClientSampleId :

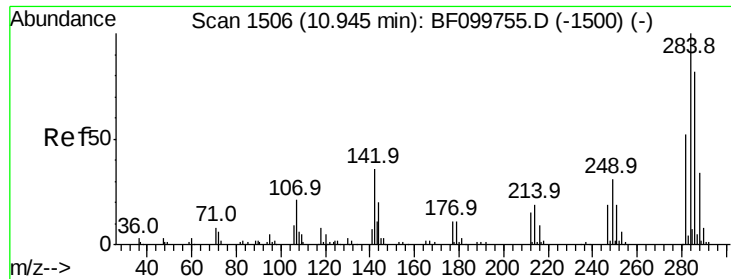
Tot Ion:169 Resp: 347202
 Ion Ratio Lower Upper
 169 100
 168 67.0 54.4 81.6
 167 35.4 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 31.325 ng
 RT: 10.82 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: BF100198.D
 Acq: 5 Nov 2017 00:31

Tgt Ion:248 Resp: 103492
 Ion Ratio Lower Upper
 248 100
 250 100.1 76.9 115.3
 141 85.4 74.4 111.6





#67

Hexachlorobenzene

Concen: 31.730 ng

RT: 10.90 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BF100198.D

Acq: 5 Nov 2017 00:31

Instrument :

BNA_F

ClientSampleId :

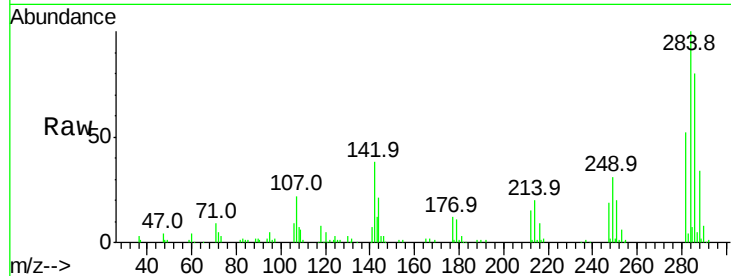
Tot Ion:284 Resp: 107245

Ion Ratio Lower Upper

284 100

142 38.1 34.6 52.0

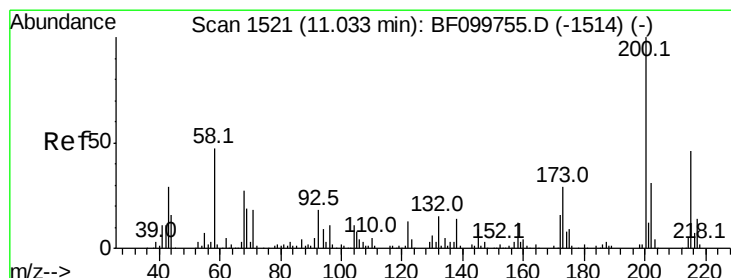
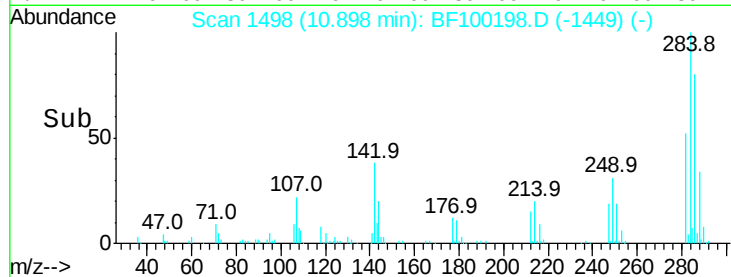
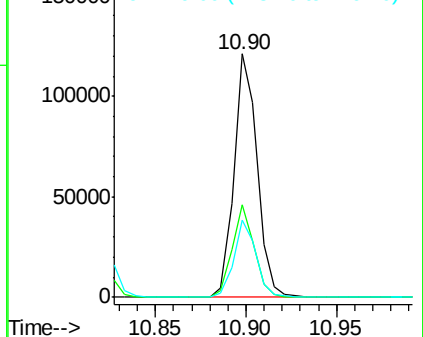
249 31.5 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 31.790 ng

RT: 10.99 min Scan# 1513

Delta R.T. -0.02 min

Lab File: BF100198.D

Acq: 5 Nov 2017 00:31

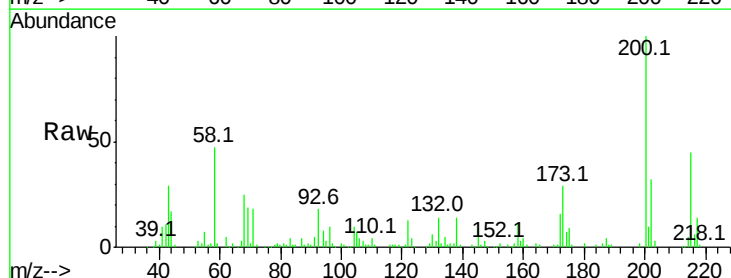
Tgt Ion:200 Resp: 110625

Ion Ratio Lower Upper

200 100

173 29.0 8.6 48.6

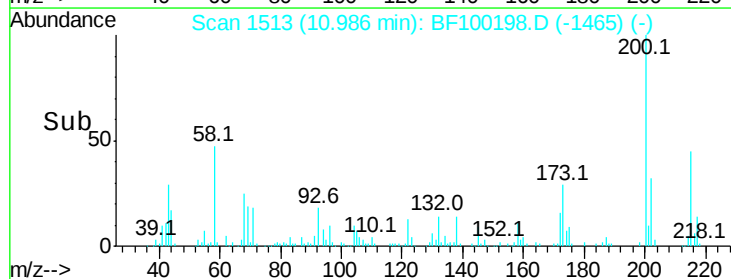
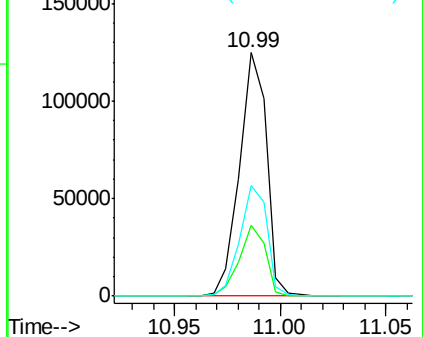
215 45.3 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

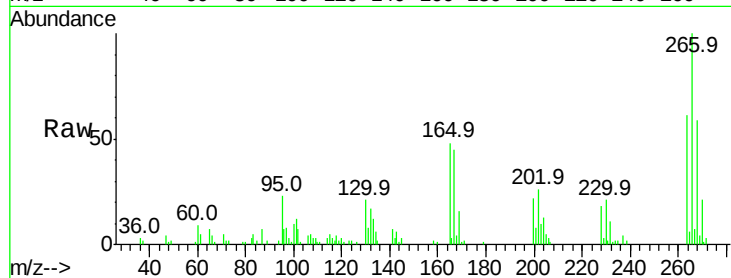




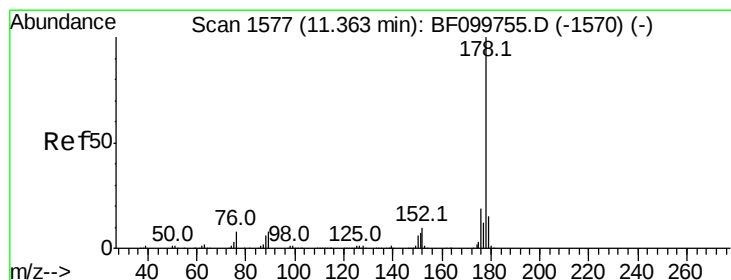
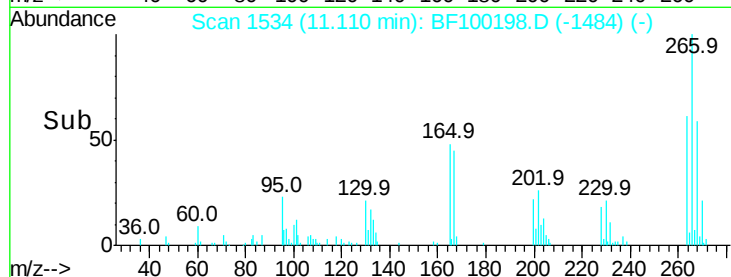
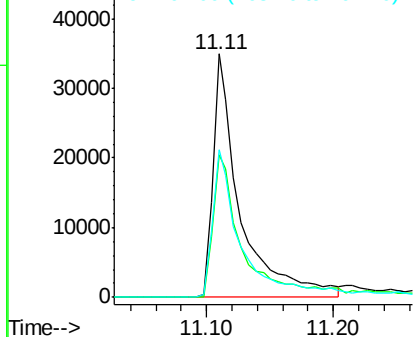
#69
 Pentachlorophenol
 Concen: 36.260 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: BF100198.D
 Acq: 5 Nov 2017 00:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 52369
 Ion Ratio Lower Upper
 266 100
 268 58.5 51.1 76.7
 264 60.7 49.5 74.3

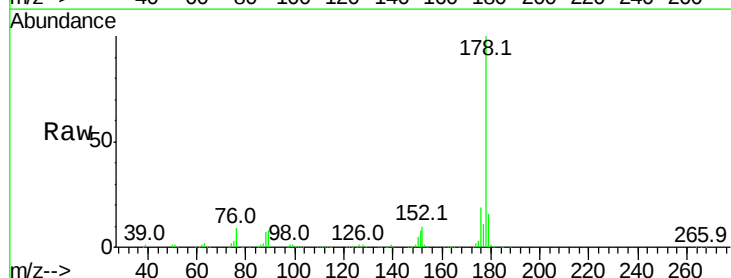


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

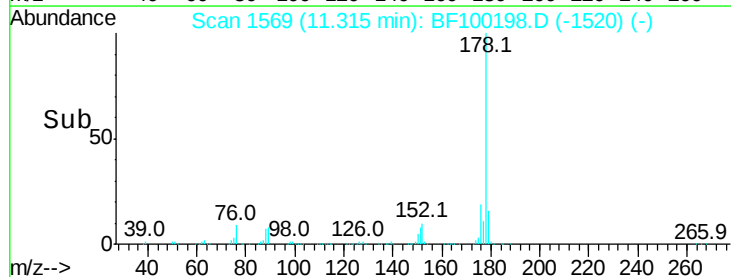
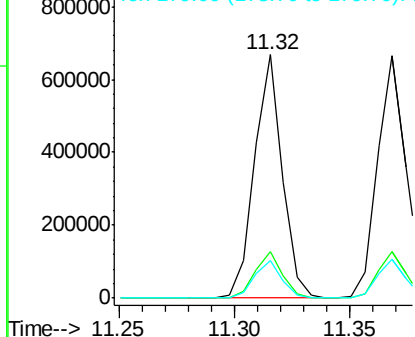


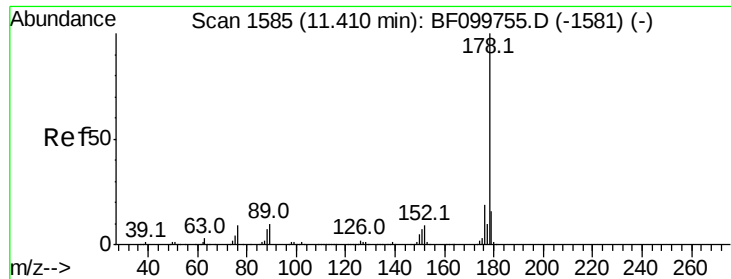
#70
 Phenanthrene
 Concen: 31.720 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF100198.D
 Acq: 5 Nov 2017 00:31

Tgt Ion:178 Resp: 561774
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.6 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

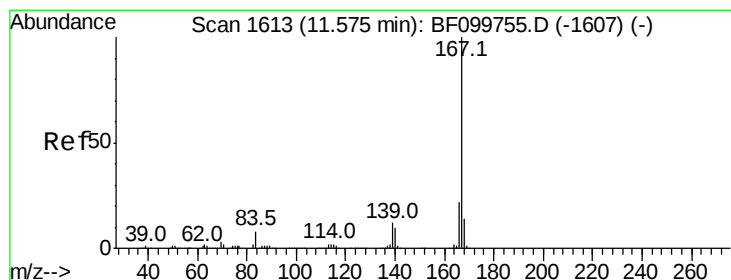
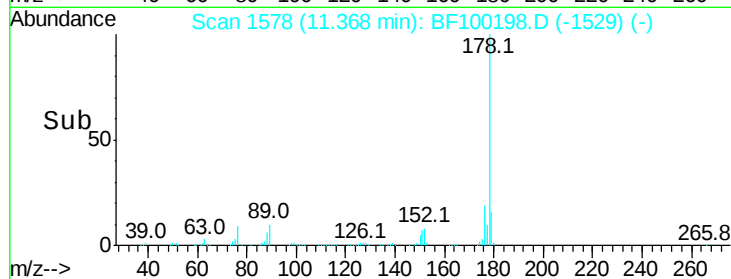
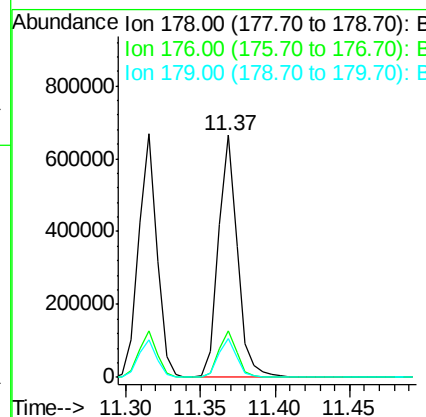
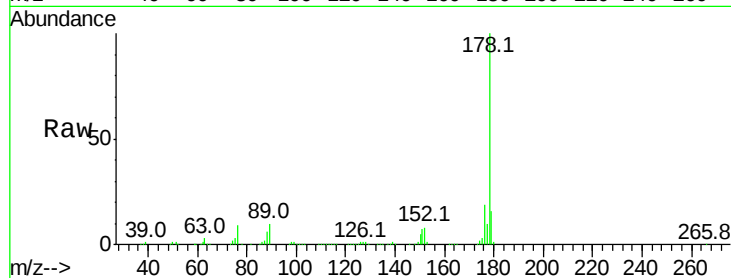




#71
 Anthracene
 Concen: 32.939 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF100198.D
 Acq: 5 Nov 2017 00:31

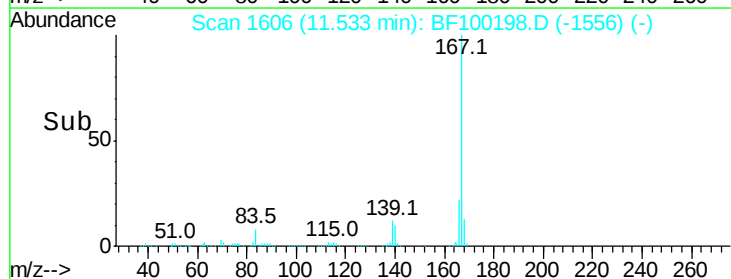
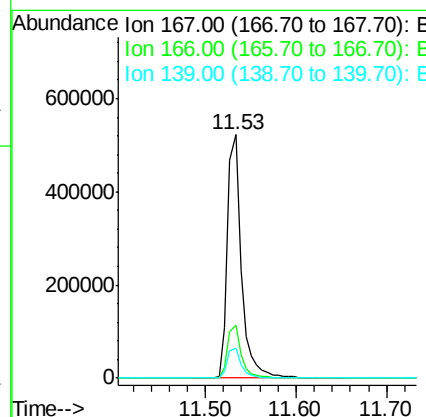
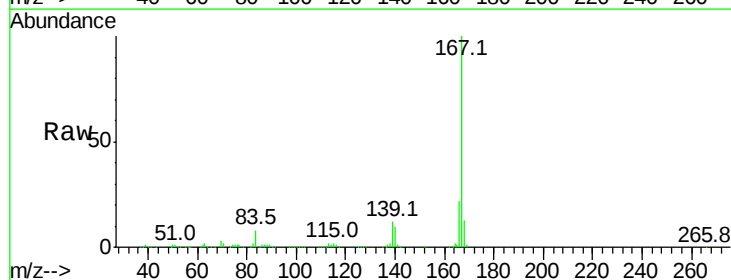
Instrument :
 BNA_F
 ClientSampleId :

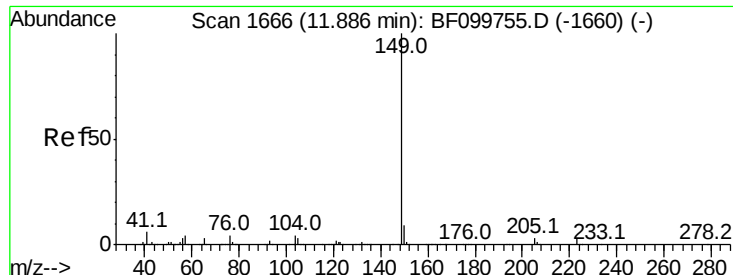
Tot Ion:178 Resp: 592146
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 32.506 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BF100198.D
 Acq: 5 Nov 2017 00:31

Tgt Ion:167 Resp: 549520
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 12.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 30.423 ng

RT: 11.83 min Scan# 1657

Delta R.T. -0.02 min

Lab File: BF100198.D

Acq: 5 Nov 2017 00:31

Instrument :

BNA_F

ClientSampleId :

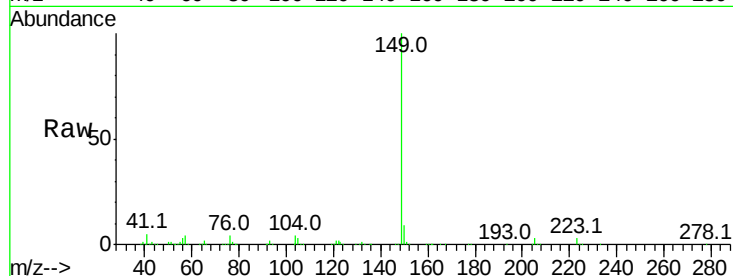
Tot Ion:149 Resp: 655992

Ion Ratio Lower Upper

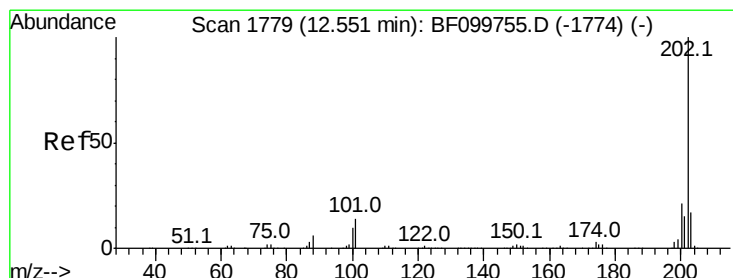
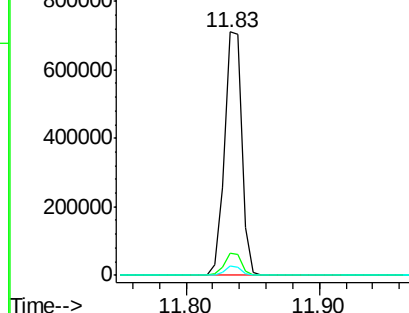
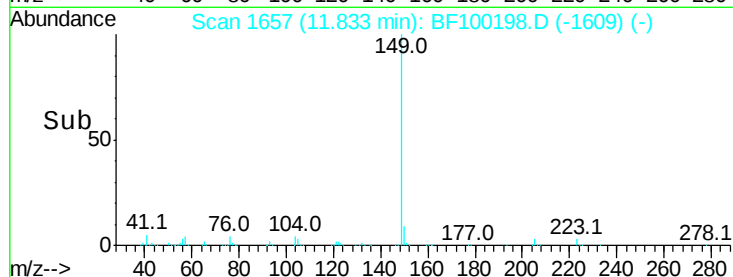
149 100

150 9.3 7.8 11.6

104 3.9 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: 32.551 ng

RT: 12.51 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF100198.D

Acq: 5 Nov 2017 00:31

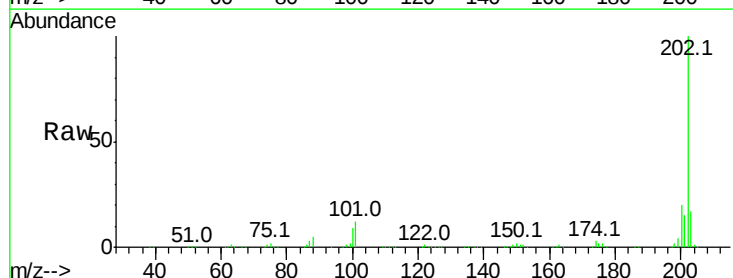
Tgt Ion:202 Resp: 599118

Ion Ratio Lower Upper

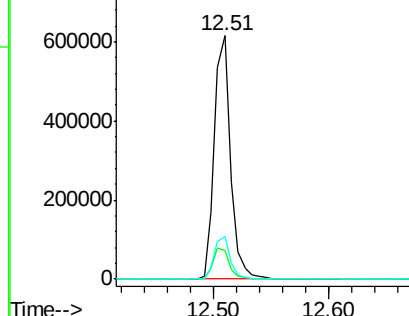
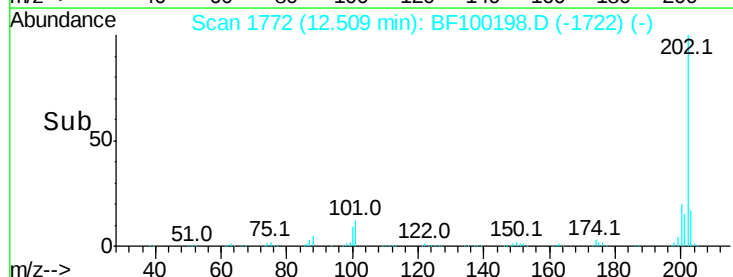
202 100

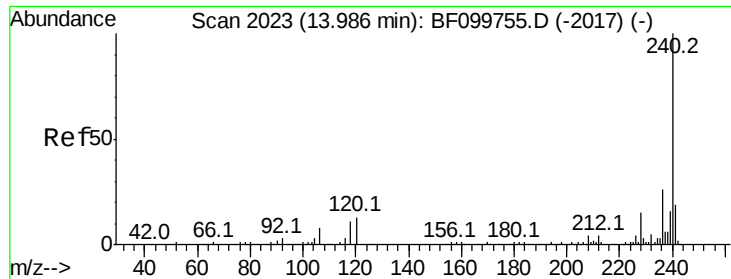
101 11.9 0.0 34.1

203 17.3 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

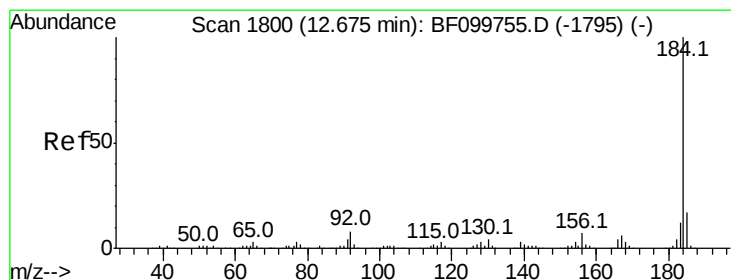
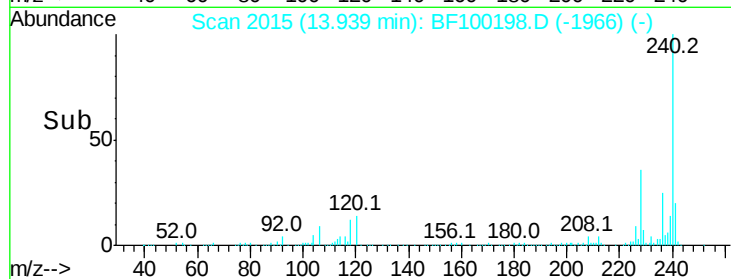
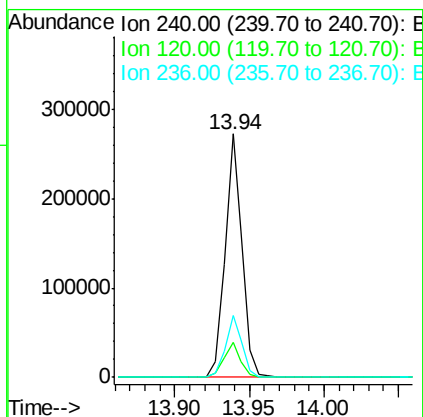
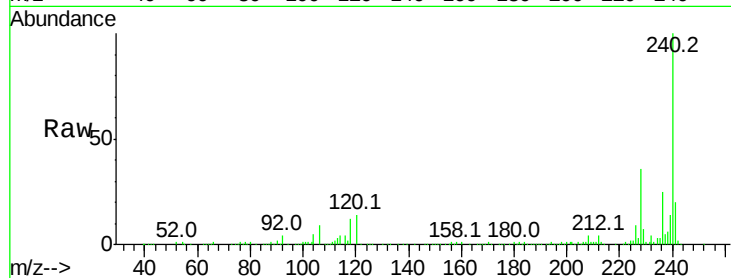




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF100198.D
Acq: 5 Nov 2017 00:31

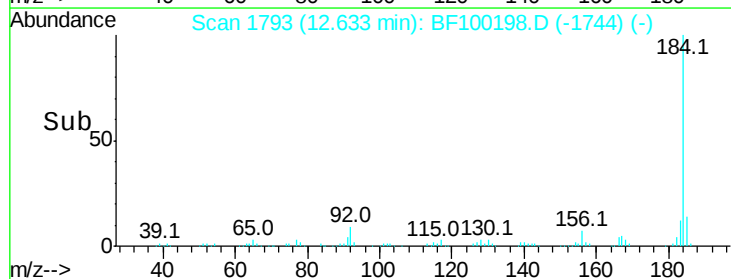
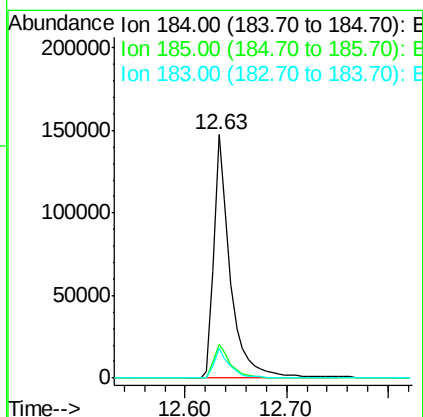
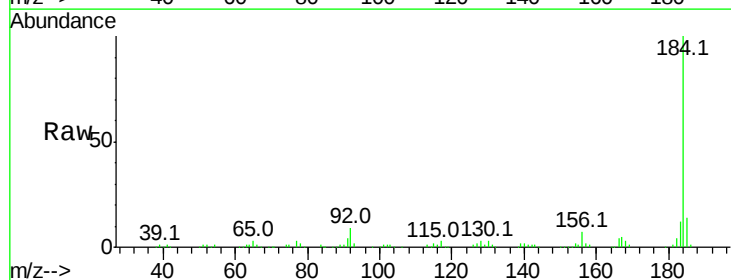
Instrument :
BNA_F
ClientSampleId :

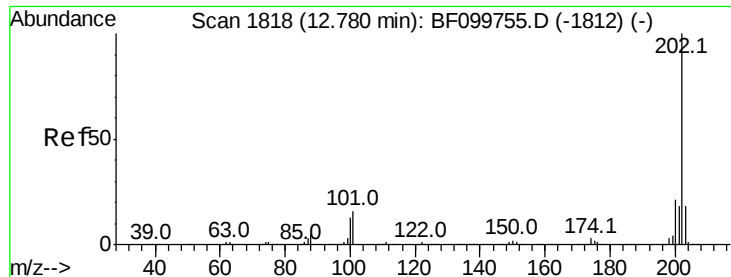
Tot Ion:240 Resp: 219534
Ion Ratio Lower Upper
240 100
120 14.5 9.5 14.3#
236 25.4 20.7 31.1



#76
Benzidine
Concen: 17.524 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF100198.D
Acq: 5 Nov 2017 00:31

Tgt Ion:184 Resp: 168336
Ion Ratio Lower Upper
184 100
185 14.1 12.6 18.8
183 12.1 9.3 13.9

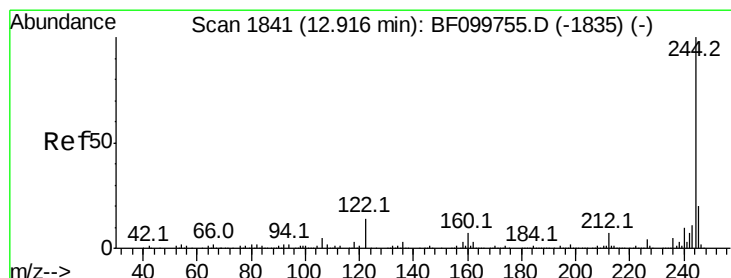
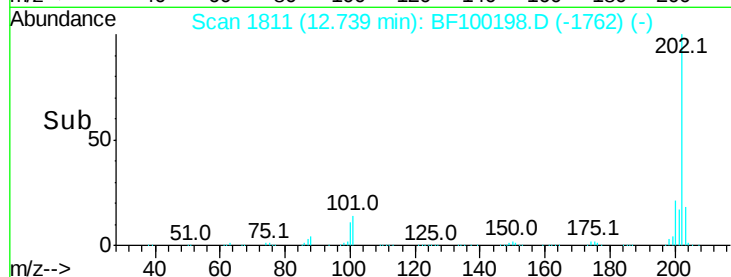
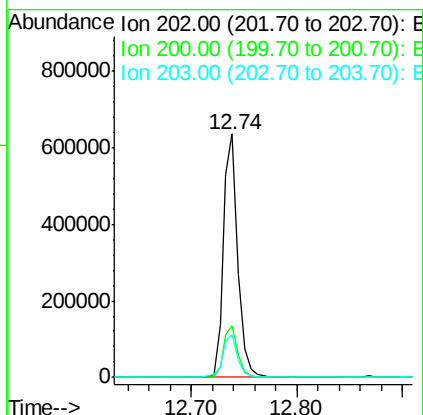
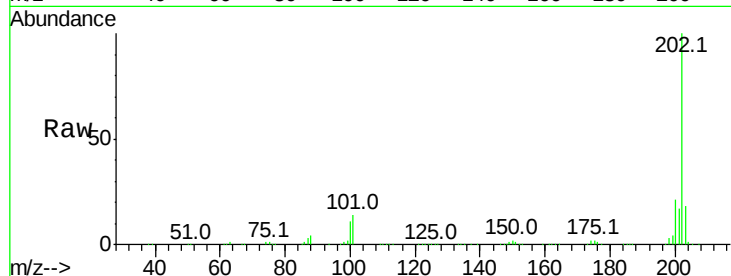




#77
Pvrene
Concen: 36.054 ng
RT: 12.74 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF100198.D
Acq: 5 Nov 2017 00:31

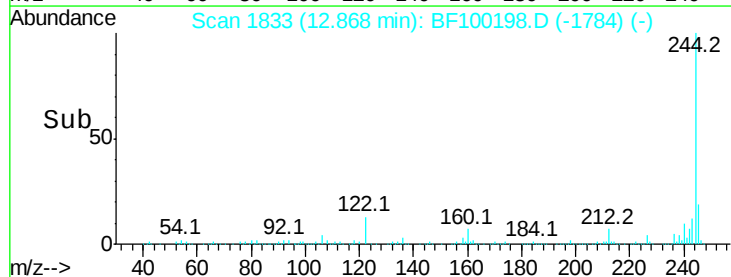
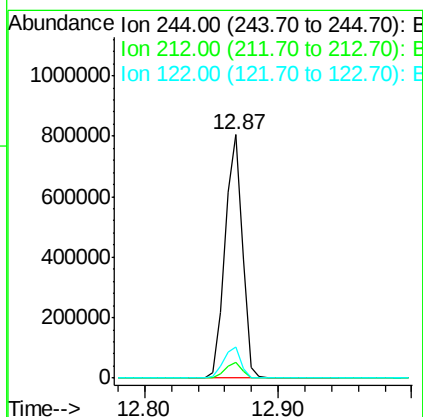
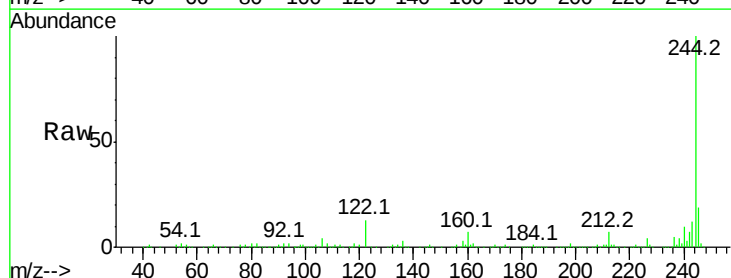
Instrument :
BNA_F
ClientSampleId :

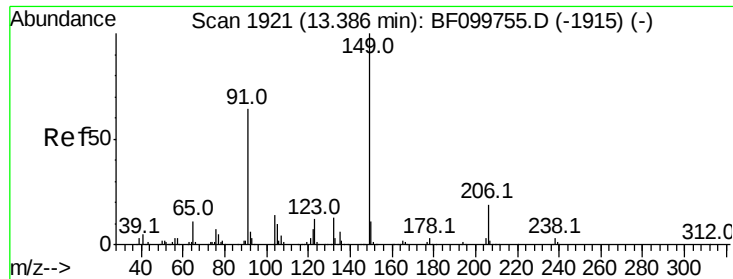
Tot Ion:202 Resp: 601853
Ion Ratio Lower Upper
202 100
200 21.1 17.4 26.2
203 17.8 14.3 21.5



#78
Terphenyl-d14
Concen: 73.771 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF100198.D
Acq: 5 Nov 2017 00:31

Tgt Ion:244 Resp: 741080
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 12.9 11.0 16.4

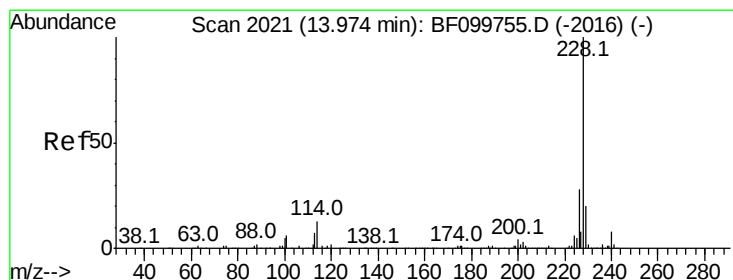
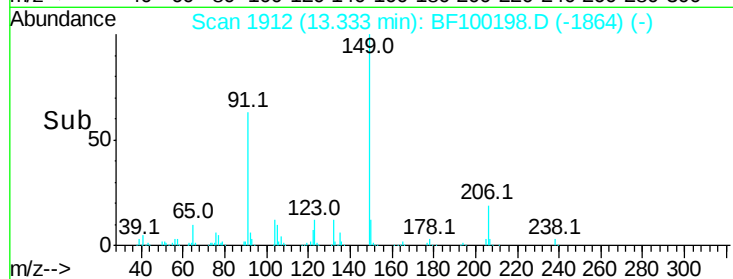
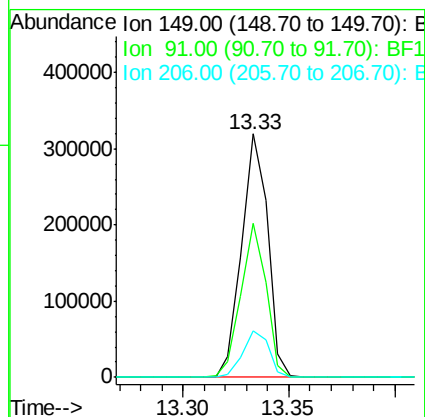
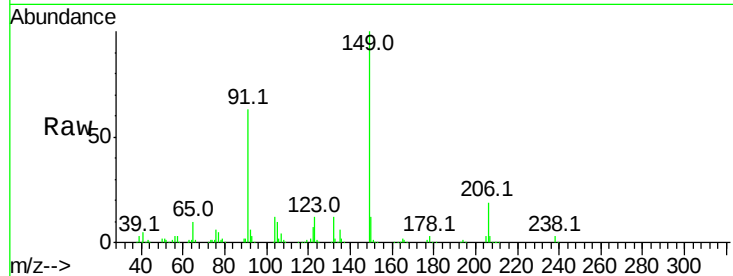




#79
 Butylbenzylphthalate
 Concen: 33.171 ng
 RT: 13.33 min Scan# 1912
 Delta R.T. -0.02 min
 Lab File: BF100198.D
 Acq: 5 Nov 2017 00:31

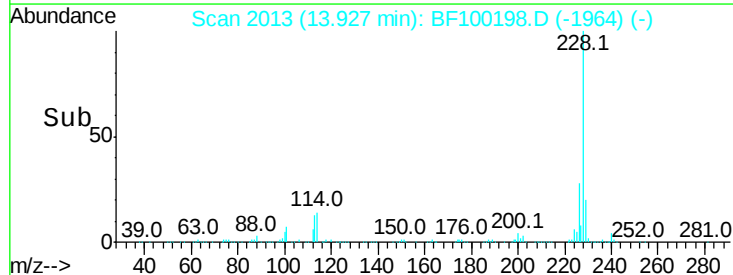
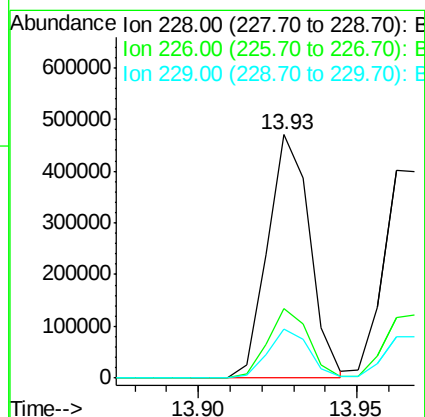
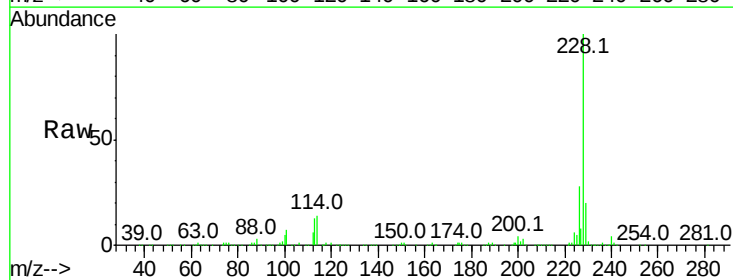
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	149	Resp:	272671
Ion	Ratio	Lower	Upper
149	100		
91	63.0	56.8	85.2
206	19.1	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 31.273 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF100198.D
 Acq: 5 Nov 2017 00:31

Tgt Ion:	228	Resp:	435220
Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	20.4	15.8	23.6

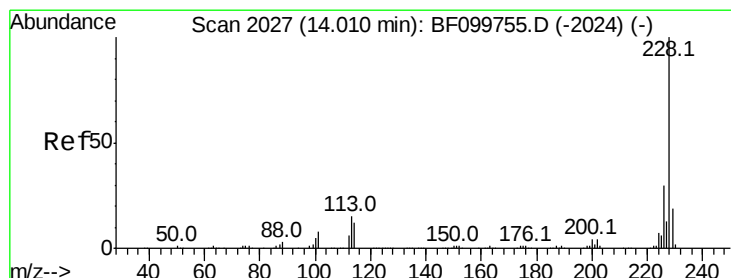
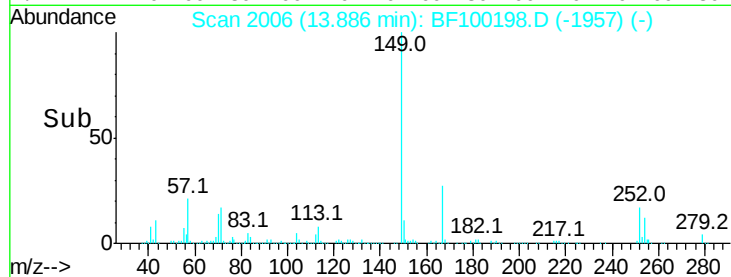
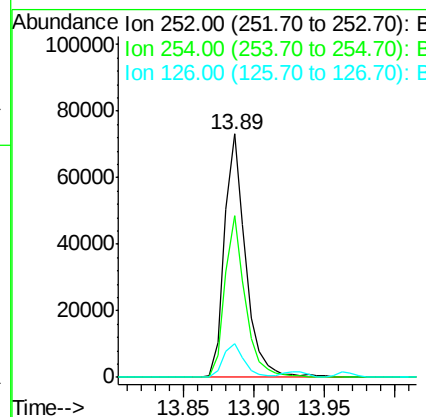
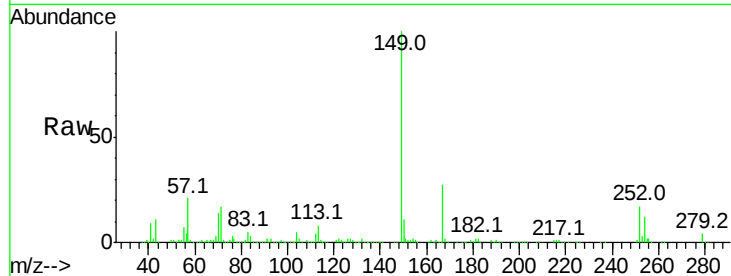




#81
 3,3'-Dichlorobenzidine
 Concen: 15.085 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF100198.D
 Acq: 5 Nov 2017 00:31

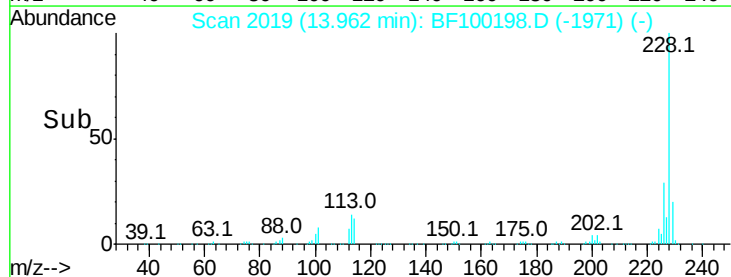
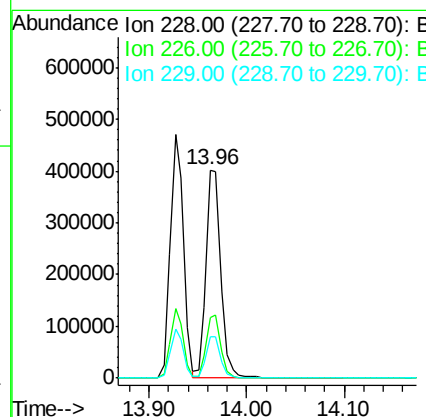
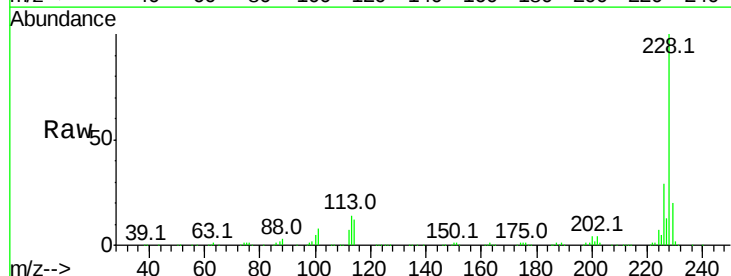
Instrument :
 BNA_F
 ClientSampled :

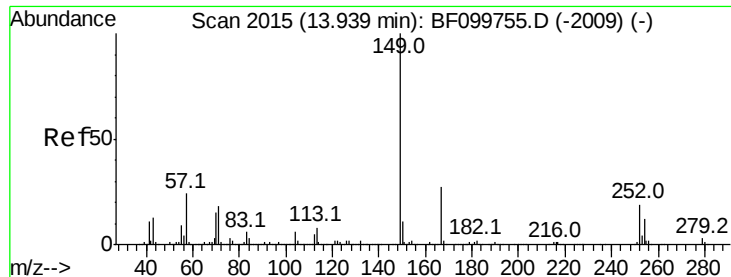
Tot Ion:252 Resp: 76208
 Ion Ratio Lower Upper
 252 100
 254 66.6 50.4 75.6
 126 13.6 11.3 16.9



#82
 Chrysene
 Concen: 32.509 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BF100198.D
 Acq: 5 Nov 2017 00:31

Tgt Ion:228 Resp: 425337
 Ion Ratio Lower Upper
 228 100
 226 29.4 25.0 37.6
 229 19.6 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 31.892 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF100198.D

Acq: 5 Nov 2017 00:31

Instrument :

BNA_F

ClientSampleId :

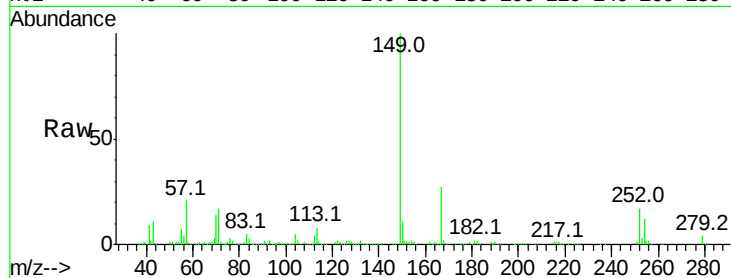
Tot Ion:149 Resp: 368152

Ion Ratio Lower Upper

149 100

167 27.3 21.3 31.9

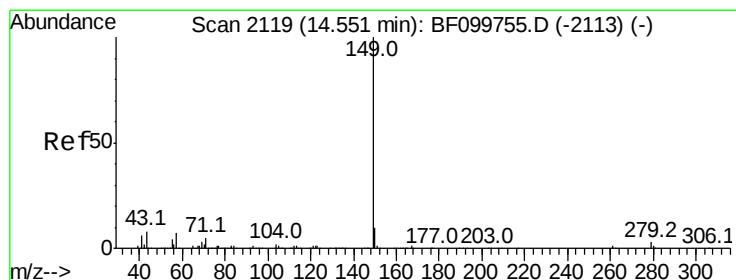
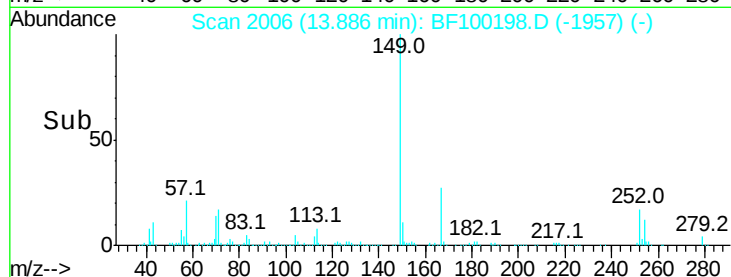
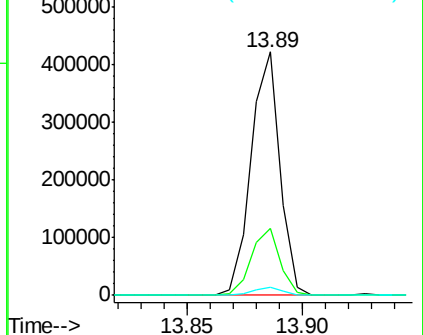
279 3.5 3.0 4.4



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: 29.108 ng

RT: 14.50 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BF100198.D

Acq: 5 Nov 2017 00:31

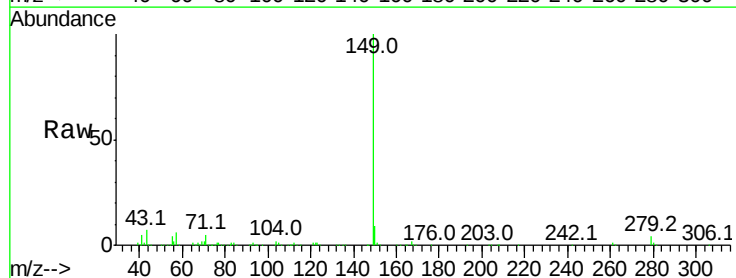
Tgt Ion:149 Resp: 576716

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

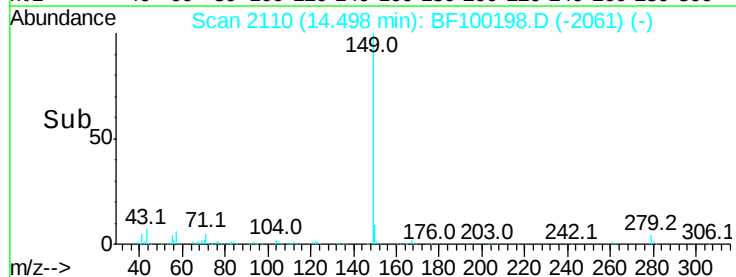
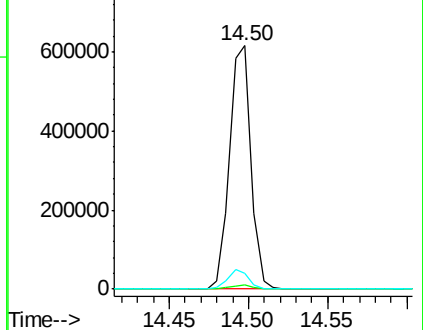
43 7.5 8.4 12.6#

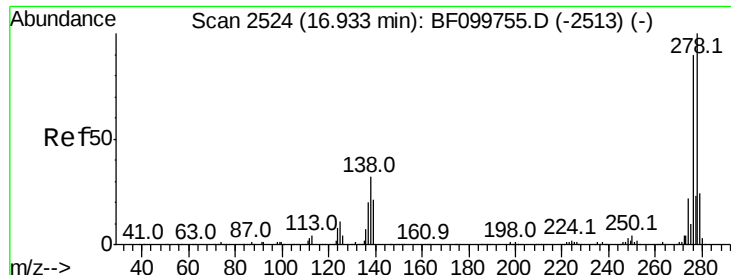


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

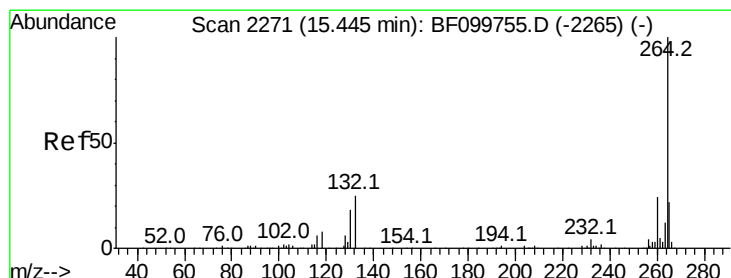
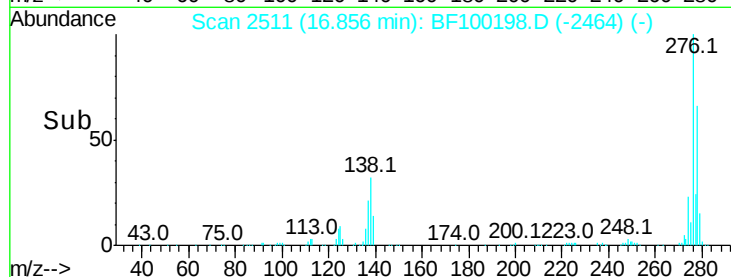
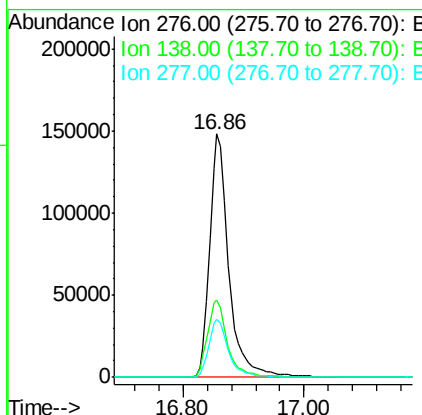
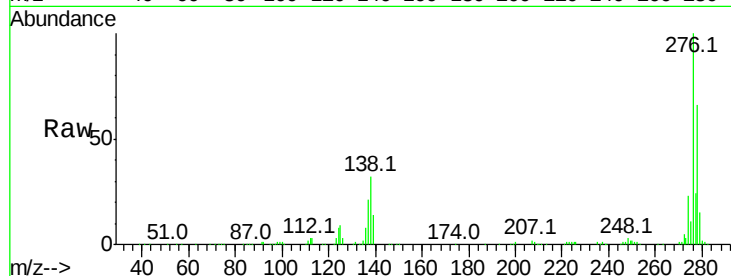




#85
Indeno(1,2,3-cd)pyrene
Concen: 27.060 ng
RT: 16.86 min Scan# 2511
Delta R.T. -0.02 min
Lab File: BF100198.D
Acq: 5 Nov 2017 00:31

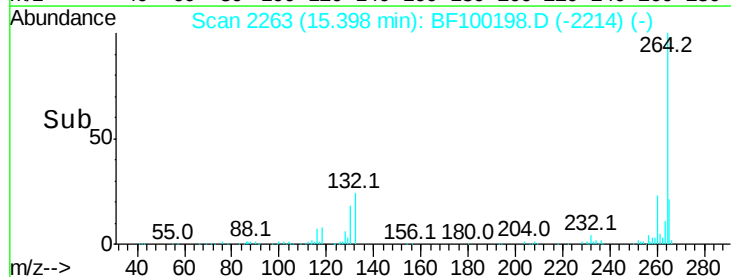
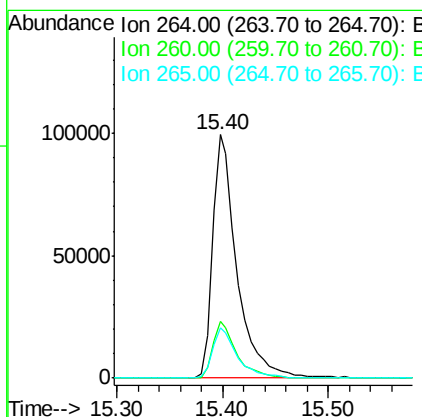
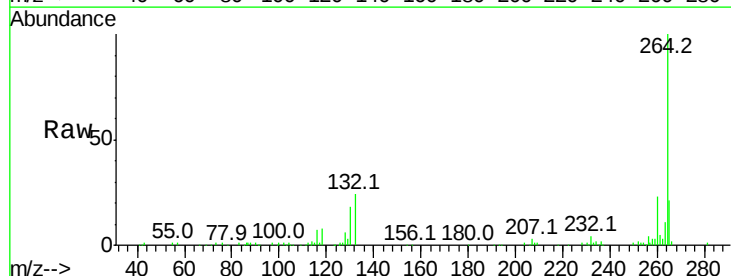
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.0	25.0	37.6
277	24.8	20.1	30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF100198.D
Acq: 5 Nov 2017 00:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.8	17.5	26.3

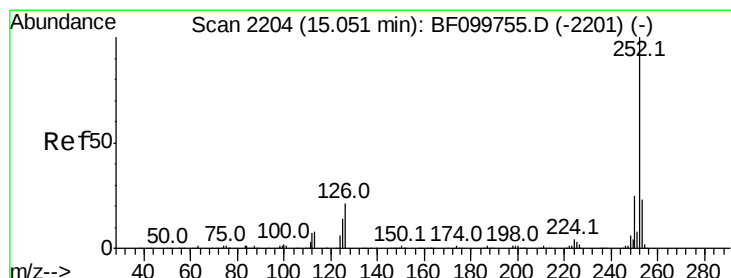
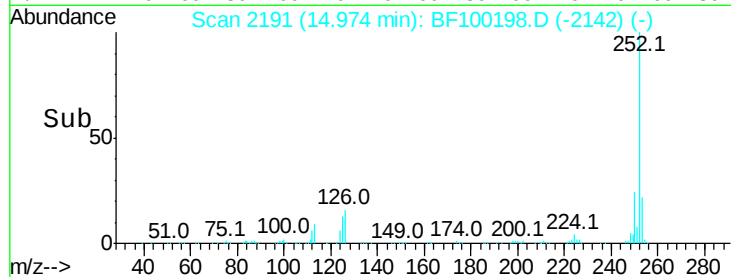
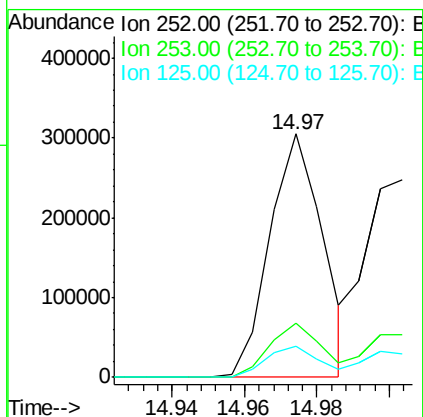
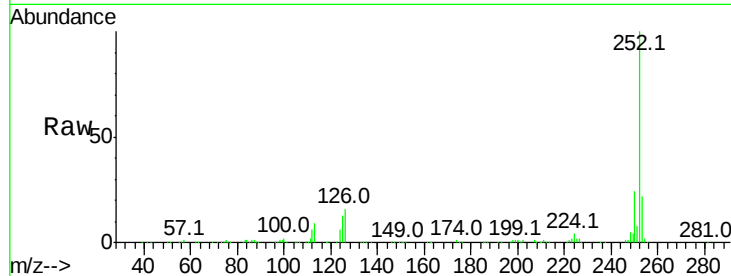




#87
Benzo(b)fluoranthene
Concen: 30.785 ng
RT: 14.97 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF100198.D
Acq: 5 Nov 2017 00:31

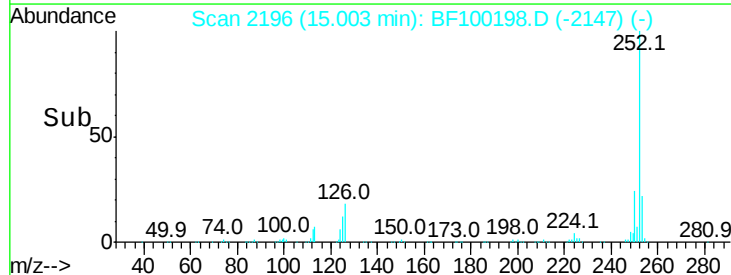
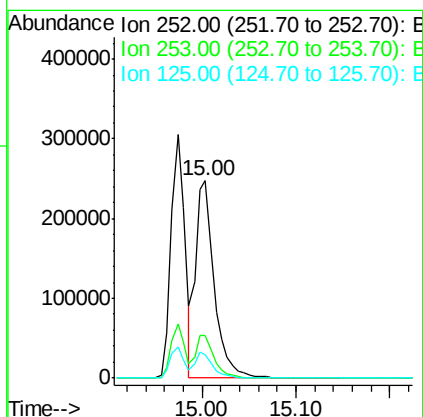
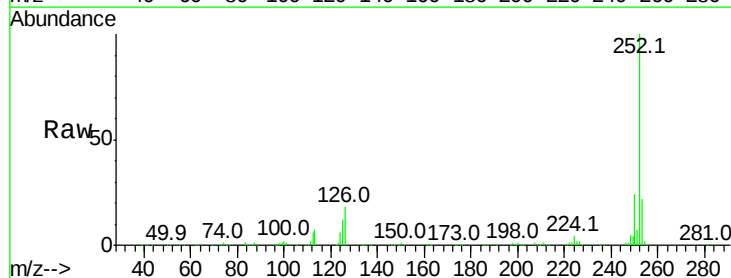
Instrument :
BNA_F
ClientSampleId :

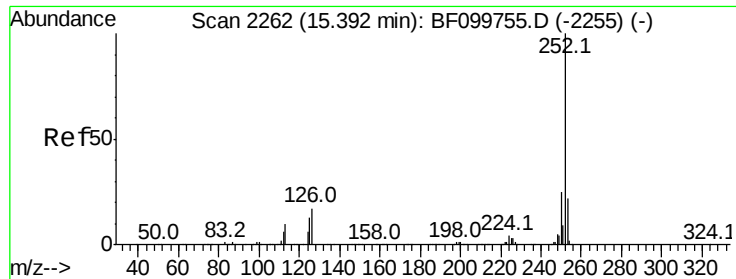
Tot Ion:252 Resp: 310581
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 12.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 35.688 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF100198.D
Acq: 5 Nov 2017 00:31

Tgt Ion:252 Resp: 339512
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 12.0 10.2 15.2





#89

Benzo(a)pyrene

Concen: 33.301 ng

RT: 15.34 min Scan# 2253

Delta R.T. -0.01 min

Lab File: BF100198.D

Acq: 5 Nov 2017 00:31

Instrument :

BNA_F

ClientSampleId :

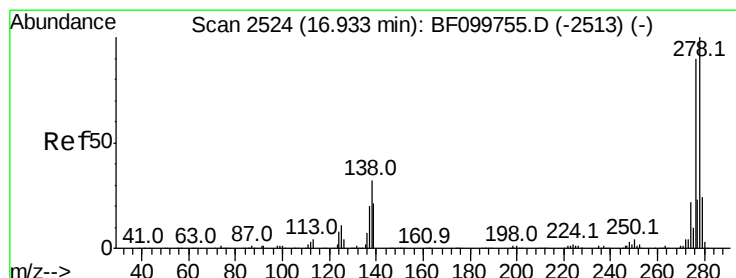
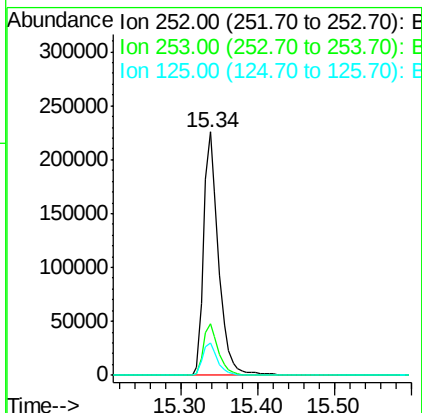
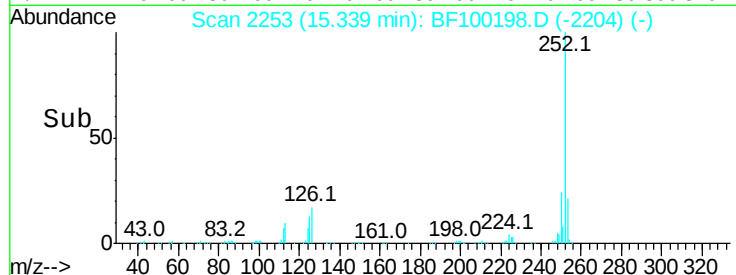
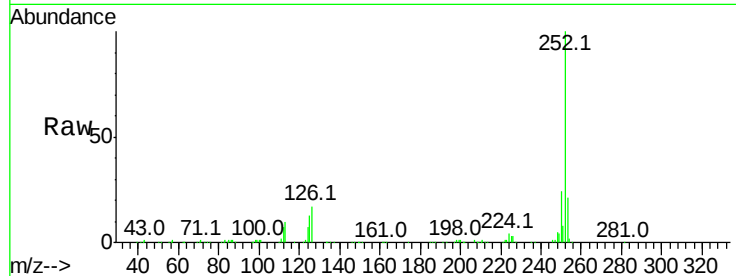
Tot Ion:252 Resp: 301794

Ion Ratio Lower Upper

252 100

253 21.0 17.1 25.7

125 13.5 9.8 14.6



#90

Dibenzo(a,h)anthracene

Concen: 33.399 ng

RT: 16.84 min Scan# 2509

Delta R.T. -0.03 min

Lab File: BF100198.D

Acq: 5 Nov 2017 00:31

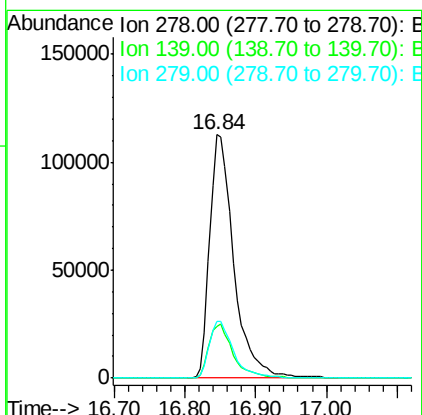
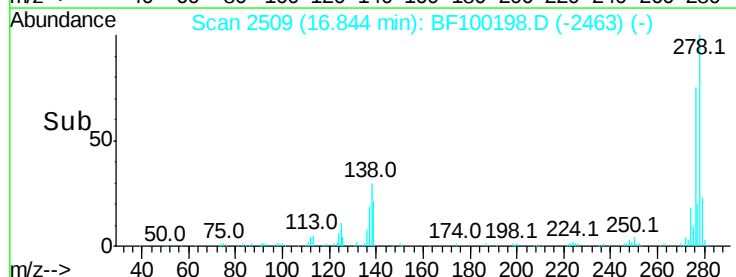
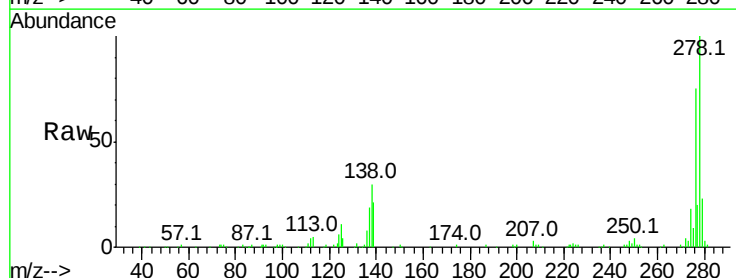
Tgt Ion:278 Resp: 268956

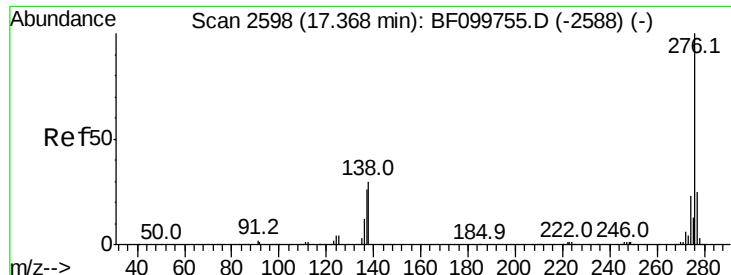
Ion Ratio Lower Upper

278 100

139 21.1 15.9 23.9

279 23.2 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 35.542 ng

RT: 17.30 min Scan# 2587

Delta R.T. -0.02 min

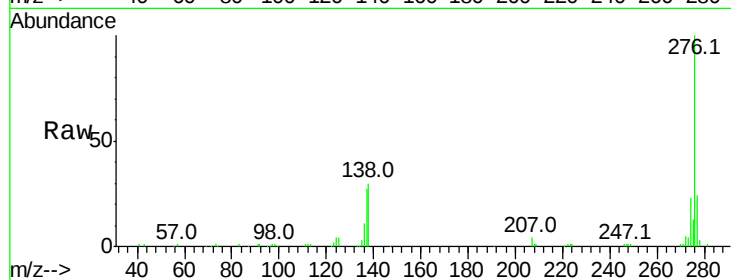
Lab File: BF100198.D

Acq: 5 Nov 2017 00:31

Instrument :

BNA_F

ClientSampleId :



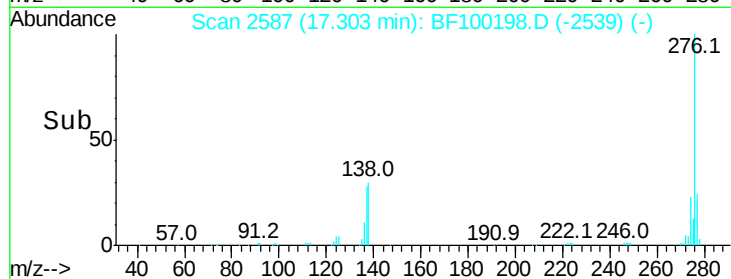
Tot Ion: 276 Resp: 280015

Ion Ratio Lower Upper

276 100

277 24.3 17.9 26.9

138 30.2 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

