

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100112.D
 Acq On : 3 Nov 2017 4:33
 Operator : SJ/JU
 Sample : PB103911BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 03 05:32:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	73506	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	305215	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	138535	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	226006	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	133043	20.00	ng	-0.02
86) Perylene-d12	15.41	264	124840	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	320636	68.48	ng	0.00
7) Phenol-d6	6.42	99	368639	66.40	ng	-0.01
23) Nitrobenzene-d5	7.34	82	303671	64.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	77677	61.53	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	639015	71.17	ng	-0.01
78) Terphenyl-d14	12.88	244	487975	80.16	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	62226	30.096	ng	91
3) Pyridine	3.31	79	134045	26.960	ng	89
4) n-Nitrosodimethylamine	3.26	42	53208	29.955	ng	# 60
6) Aniline	6.44	93	148898	20.685	ng	# 83
8) 2-Chlorophenol	6.56	128	176558	35.382	ng	93
9) Benzaldehyde	6.33	77	62431	18.819	ng	87
10) Phenol	6.43	94	207203	33.994	ng	95
11) bis(2-Chloroethyl)ether	6.50	93	153746	32.664	ng	96
12) 1,3-Dichlorobenzene	6.70	146	190753	34.045	ng	96
13) 1,4-Dichlorobenzene	6.79	146	194488	34.202	ng	97
14) 1,2-Dichlorobenzene	6.93	146	179724	34.679	ng	98
15) Benzyl Alcohol	6.92	79	121616	34.446	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.04	45	196624	37.605	ng	# 25
17) 2-Methylphenol	7.03	107	140836	33.741	ng	# 94
18) Hexachloroethane	7.27	117	57245	30.174	ng	94
19) n-Nitroso-di-n-propylamine	7.18	70	108952	33.489	ng	92
20) 3+4-Methylphenols	7.19	107	187292	38.536	ng	# 80
22) Acetophenone	7.19	105	231433	33.302	ng	# 93
24) Nitrobenzene	7.36	77	160824	33.668	ng	92
25) Isophorone	7.59	82	301614	35.061	ng	97
26) 2-Nitrophenol	7.67	139	91921	33.598	ng	# 87
27) 2,4-Dimethylphenol	7.72	122	154981	38.446	ng	93
28) bis(2-Chloroethoxy)methane	7.80	93	199091	33.046	ng	98
29) 2,4-Dichlorophenol	7.92	162	149322	35.658	ng	98
30) 1,2,4-Trichlorobenzene	7.99	180	150925	33.731	ng	99
31) Naphthalene	8.07	128	500367	33.962	ng	99
32) Benzoic acid	7.87	122	85467	24.087	ng	91
33) 4-Chloroaniline	8.14	127	98618	16.210	ng	# 93
34) Hexachlorobutadiene	8.18	225	74813	32.507	ng	98
35) Caprolactam	8.51	113	29280	22.234	ng	# 74
36) 4-Chloro-3-methylphenol	8.63	107	148047	34.637	ng	89
37) 2-Methylnaphthalene	8.76	142	346328	35.078	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	143365	32.042	ng	# 97
40) Hexachlorocyclopentadiene	8.90	237	3927	15.156	ng	96

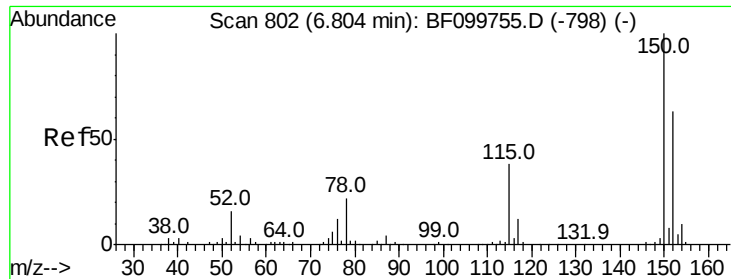
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100112.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	93757	34.642	nq	97
43) 2,4,5-Trichlorophenol	9.10	196	99230	34.550	nq	94
45) 1,1'-Biphenyl	9.23	154	406838	32.463	nq	97
46) 2-Chloronaphthalene	9.26	162	316542	34.779	nq	96
47) 2-Nitroaniline	9.37	65	80661	33.767	nq #	78
48) Acenaphthylene	9.67	152	468647	33.431	nq	99
49) Dimethylphthalate	9.53	163	350846	31.980	nq	100
50) 2,6-Dinitrotoluene	9.60	165	78540	34.054	nq	92
51) Acenaphthene	9.84	154	282303	32.958	nq	99
52) 3-Nitroaniline	9.78	138	64637	23.785	nq	89
53) 2,4-Dinitrophenol	9.92	184	20836	26.995	nq #	86
54) Dibenzofuran	10.02	168	423509	35.028	nq	97
55) 4-Nitrophenol	9.97	139	70930	49.954	nq #	78
56) 2,4-Dinitrotoluene	10.02	165	101157	36.420	nq #	84
57) Fluorene	10.36	166	338634	33.827	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.15	232	70002	34.763	nq #	93
59) Diethylphthalate	10.23	149	345786	32.276	nq	96
60) 4-Chlorophenyl-phenylether	10.35	204	155731	33.054	nq	89
61) 4-Nitroaniline	10.40	138	72335	27.899	nq #	80
62) Azobenzene	10.50	77	291791	32.490	nq	90
64) 4,6-Dinitro-2-methylphenol	10.44	198	21857	15.385	nq #	78
65) n-Nitrosodiphenylamine	10.47	169	296056	35.486	nq	100
66) 4-Bromophenyl-phenylether	10.83	248	87100	36.608	nq	93
67) Hexachlorobenzene	10.91	284	84264	34.617	nq #	91
68) Atrazine	11.00	200	89650	35.773	nq	96
69) Pentachlorophenol	11.12	266	53184	51.133	nq	98
70) Phenanthrene	11.32	178	437413	34.295	nq	98
71) Anthracene	11.37	178	454663	35.118	nq	99
72) Carbazole	11.54	167	409805	33.660	nq	98
73) Di-n-butylphthalate	11.85	149	535496	34.484	nq #	98
74) Fluoranthene	12.52	202	389333	29.373	nq	97
76) Benzidine	12.64	184	223411	38.376	nq	98
77) Pyrene	12.75	202	382872	37.846	nq	98
79) Butylbenzylphthalate	13.35	149	181357	36.405	nq	92
80) Benzo(a)anthracene	13.94	228	281812	33.414	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	92705	30.281	nq	99
82) Chrysene	13.97	228	271676	34.263	nq	99
83) Bis(2-ethylhexyl)phthalate	13.90	149	232248	33.198	nq	99
84) Di-n-octyl phthalate	14.51	149	354017	29.483	nq #	93
85) Indeno(1,2,3-cd)pyrene	16.87	276	253363	34.807	nq	97
87) Benzo(b)fluoranthene	14.99	252	260839	33.089	nq	99
88) Benzo(k)fluoranthene	15.02	252	255509	34.373	nq	97
89) Benzo(a)pyrene	15.35	252	252585	35.670	nq	98
90) Dibenzo(a,h)anthracene	16.87	278	213993	34.010	nq	98
91) Benzo(g,h,i)perylene	17.32	276	206213	33.498	nq	98

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

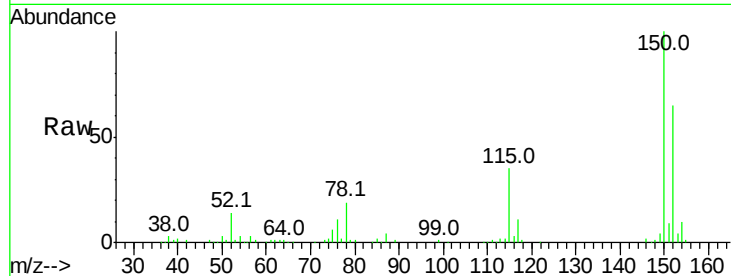


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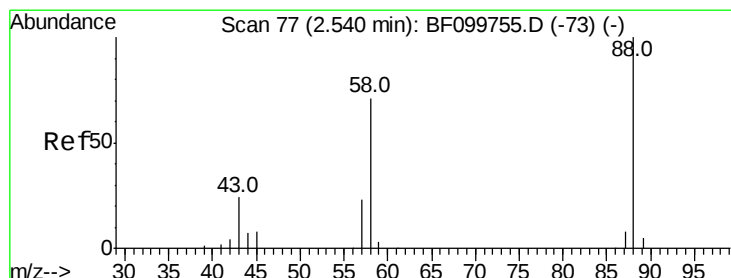
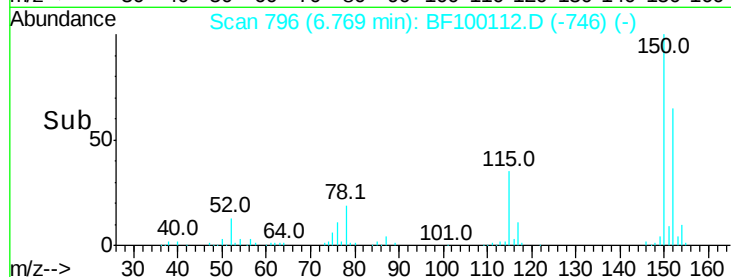
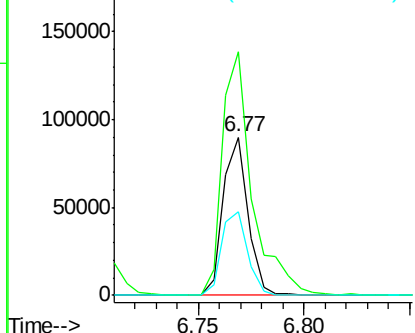
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF100112.D
 Acq: 3 Nov 2017 4:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 73506
 Ion Ratio Lower Upper
 152 100
 150 153.6 124.6 186.8
 115 53.0 50.1 75.1



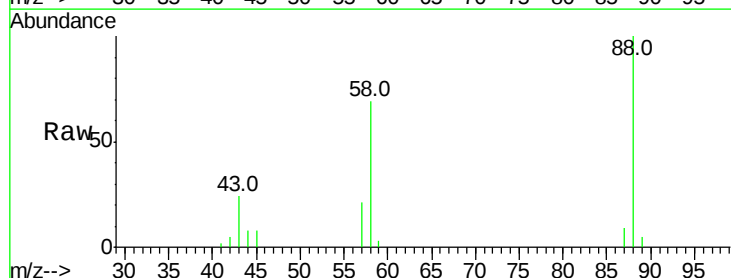
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



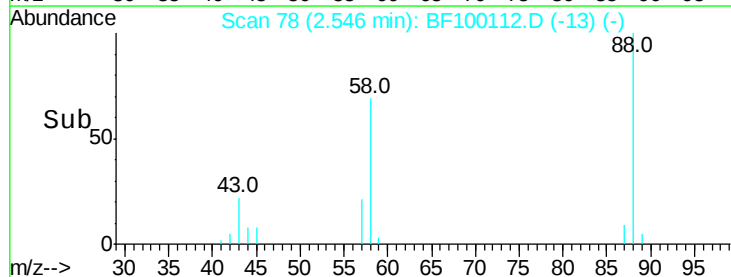
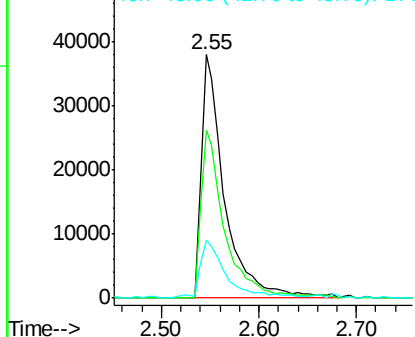
#2

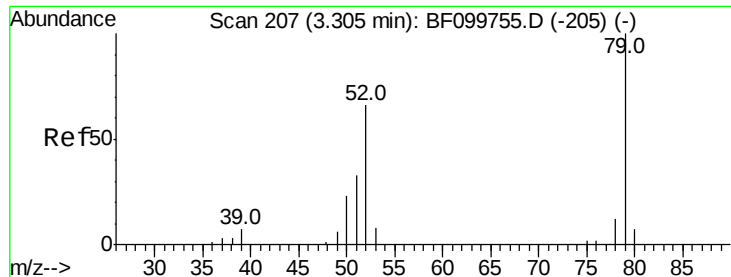
1,4-Dioxane
 Concen: 30.096 ng
 RT: 2.55 min Scan# 78
 Delta R.T. 0.08 min
 Lab File: BF100112.D
 Acq: 3 Nov 2017 4:33

Tgt Ion: 88 Resp: 62226
 Ion Ratio Lower Upper
 88 100
 58 69.3 62.6 93.8
 43 26.9 24.6 37.0



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

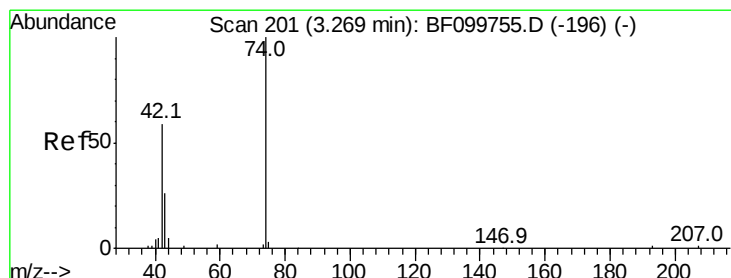
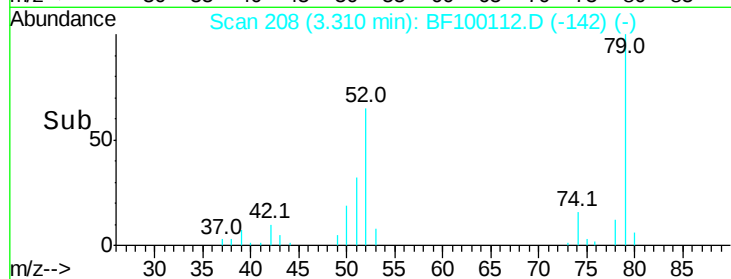
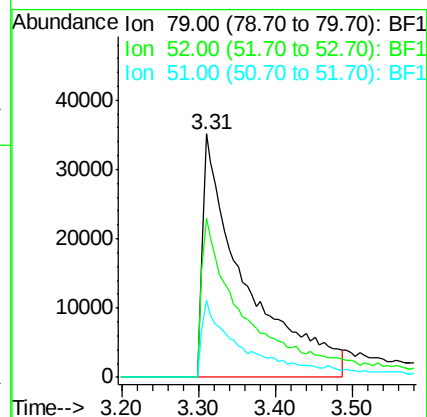
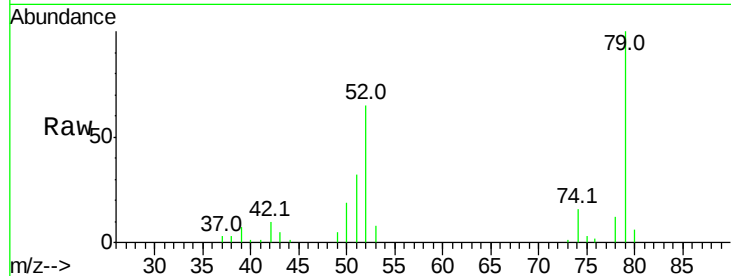




#3
 Pvrindine
 Concen: 26.960 ng
 RT: 3.31 min Scan# 208
 Delta R.T. 0.09 min
 Lab File: BF100112.D
 Acq: 3 Nov 2017 4:33

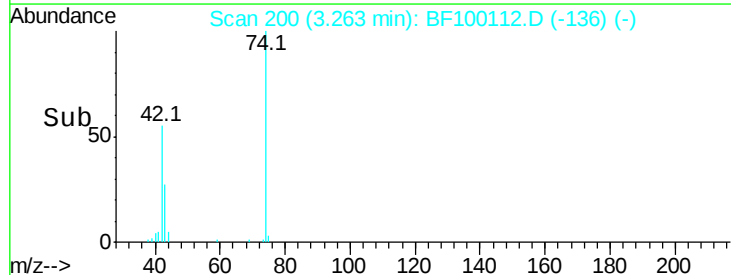
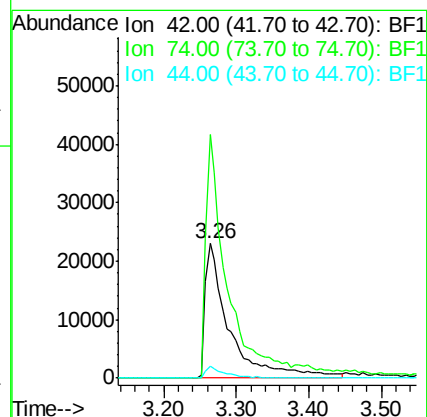
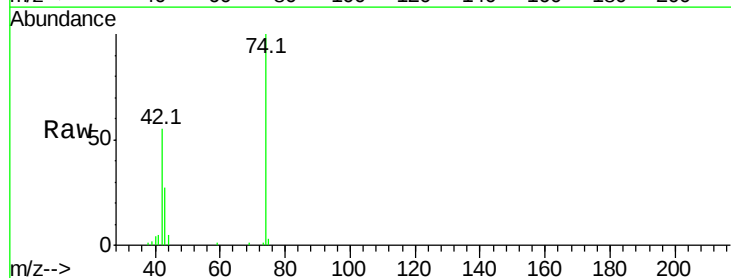
Instrument :
 BNA_F
 ClientSampleId :

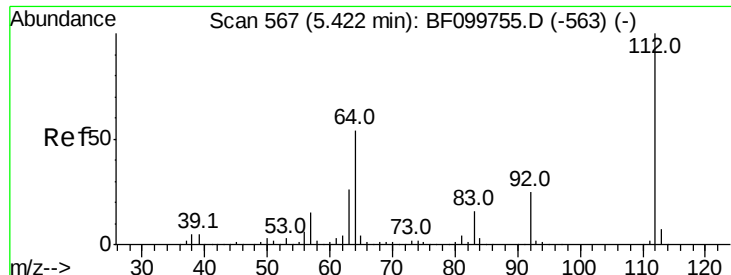
Tot Ion: 79 Resp: 134045
 Ion Ratio Lower Upper
 79 100
 52 65.2 59.8 89.6
 51 31.6 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 29.955 ng
 RT: 3.26 min Scan# 200
 Delta R.T. 0.08 min
 Lab File: BF100112.D
 Acq: 3 Nov 2017 4:33

Tgt Ion: 42 Resp: 53208
 Ion Ratio Lower Upper
 42 100
 74 180.7 104.9 157.3#
 44 8.5 6.9 10.3





#5

2-Fluorophenol

Concen: 68.483 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF100112.D

Acq: 3 Nov 2017 4:33

Instrument :

BNA_F

ClientSampled :

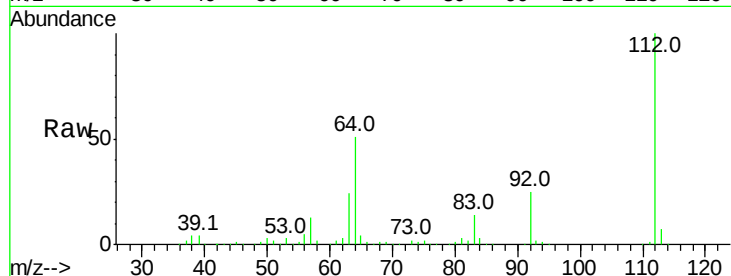
Tot Ion:112 Resp: 320636

Ion Ratio Lower Upper

112 100

64 50.9 47.9 71.9

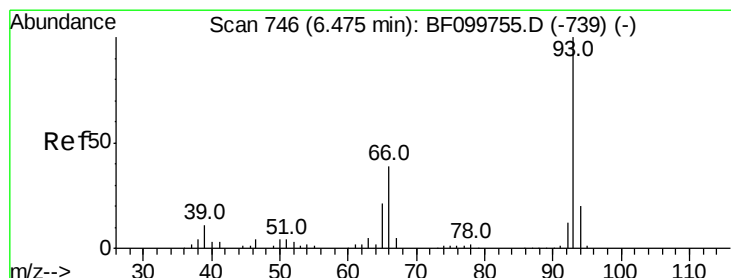
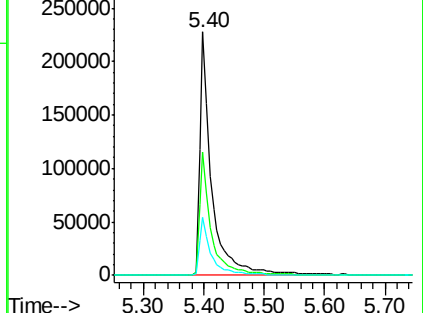
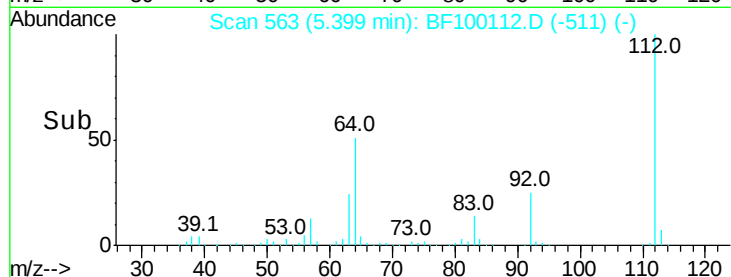
63 24.0 23.7 35.5



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: 20.685 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF100112.D

Acq: 3 Nov 2017 4:33

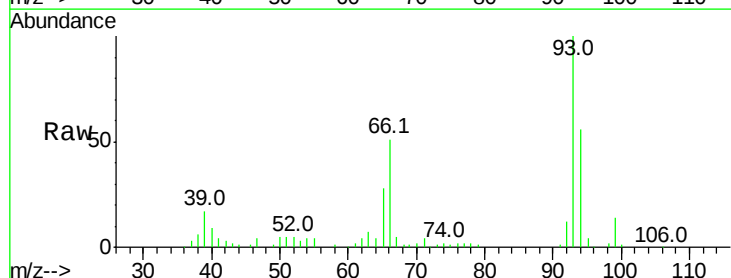
Tgt Ion: 93 Resp: 148898

Ion Ratio Lower Upper

93 100

66 50.8 32.2 48.2#

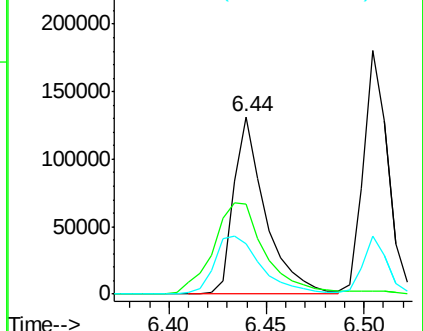
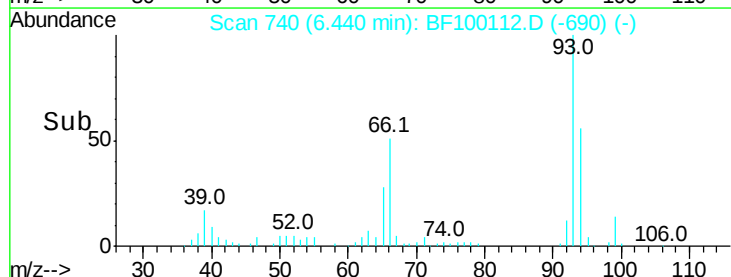
65 28.4 16.4 24.6#

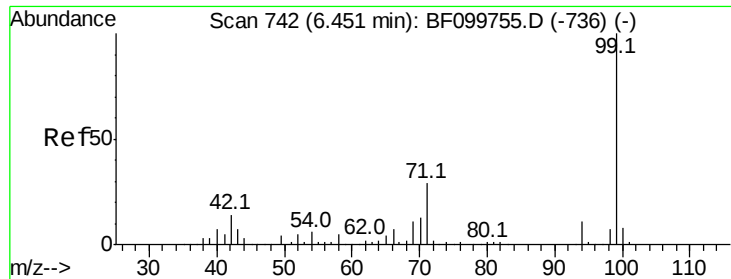


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 66.403 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100112.D

Acq: 3 Nov 2017 4:33

Instrument :

BNA_F

ClientSampled :

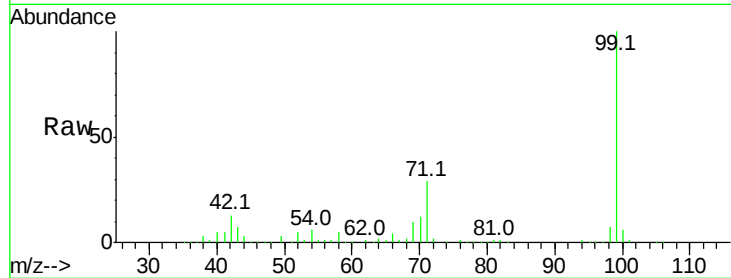
Tot Ion: 99 Resp: 368639

Ion Ratio Lower Upper

99 100

42 13.2 14.5 21.7#

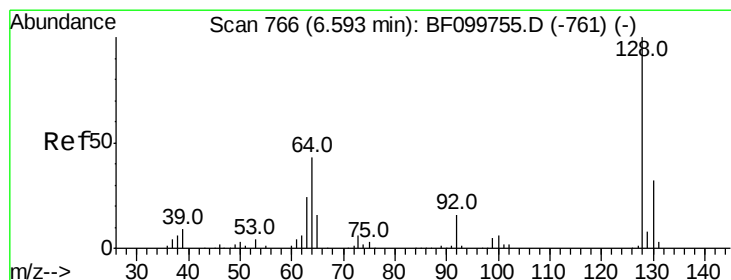
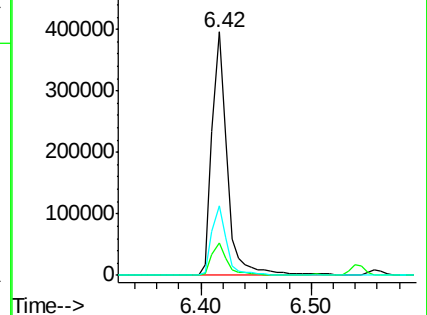
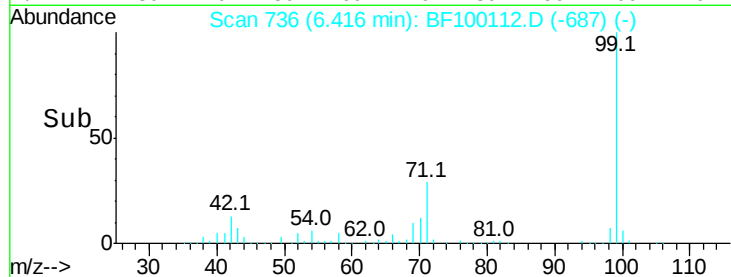
71 28.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 35.382 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF100112.D

Acq: 3 Nov 2017 4:33

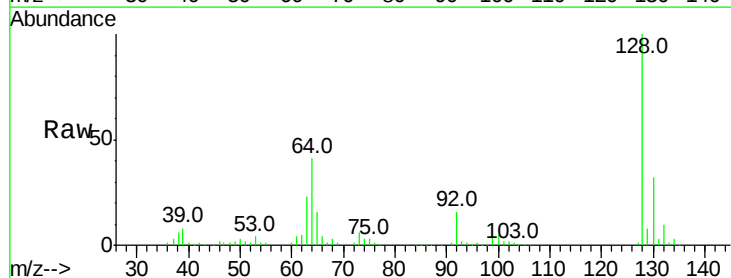
Tgt Ion: 128 Resp: 176558

Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

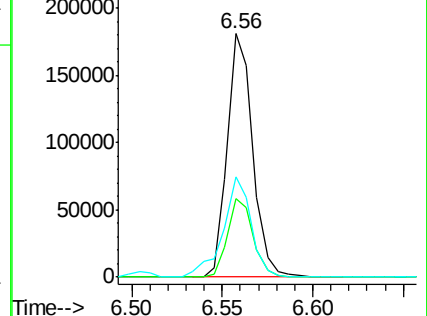
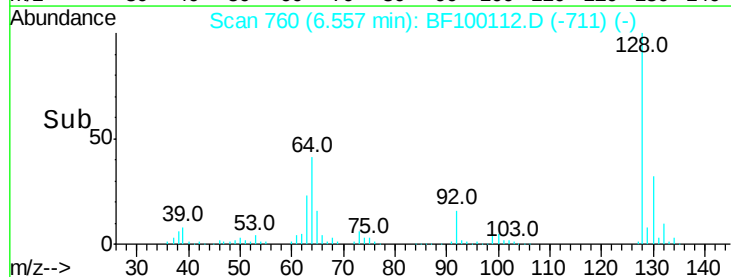
64 41.3 29.4 69.4

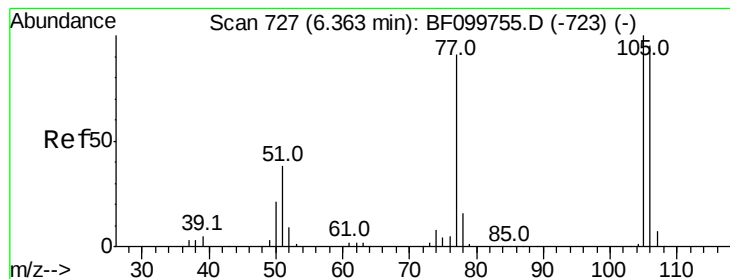


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 18.819 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF100112.D

Acq: 3 Nov 2017 4:33

Instrument :

BNA_F

ClientSampleId :

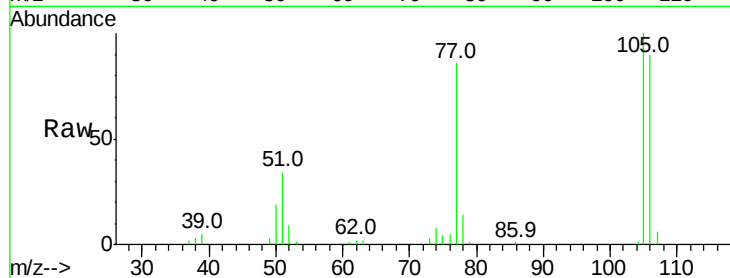
Tot Ion: 77 Resp: 62431

Ion Ratio Lower Upper

77 100

105 116.1 81.1 121.1

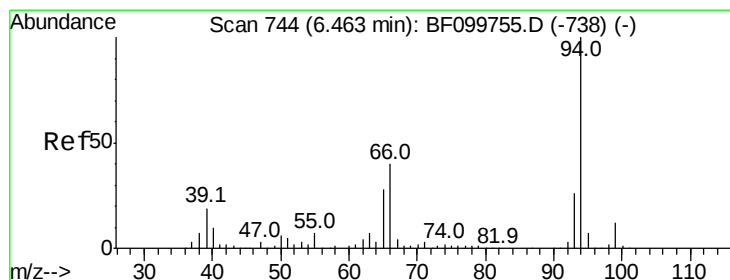
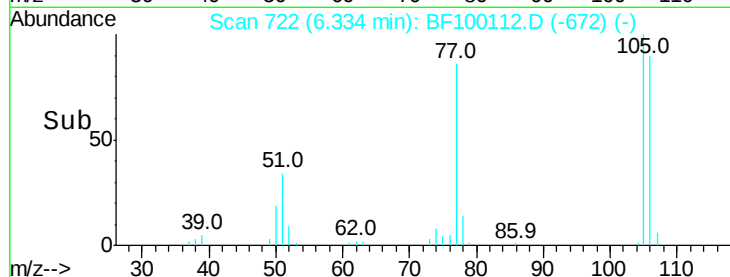
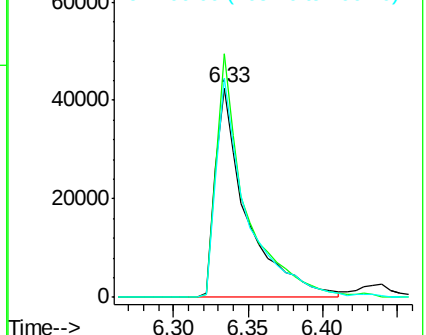
106 104.8 74.5 114.5



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: 33.994 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF100112.D

Acq: 3 Nov 2017 4:33

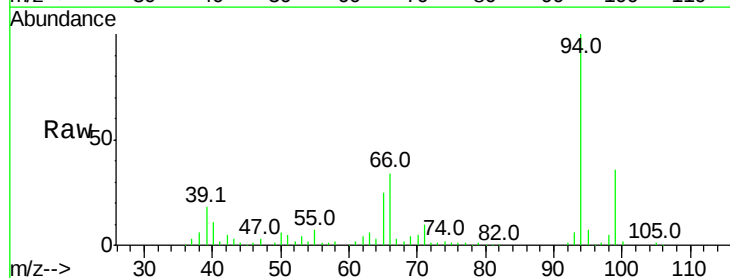
Tgt Ion: 94 Resp: 207203

Ion Ratio Lower Upper

94 100

65 24.5 7.9 47.9

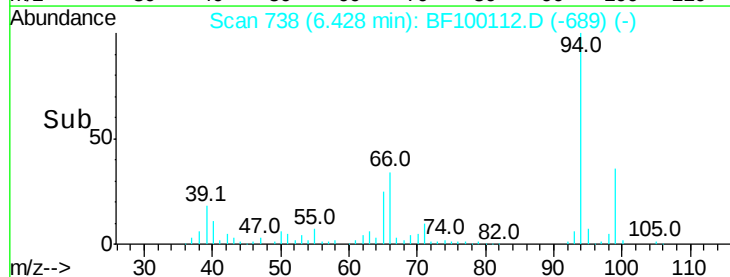
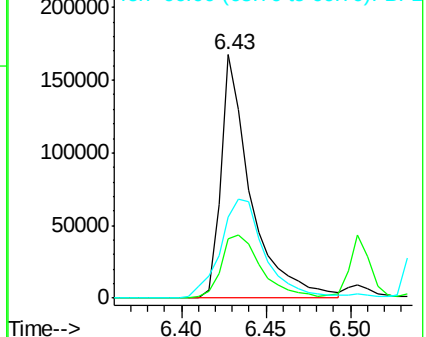
66 33.5 16.2 56.2

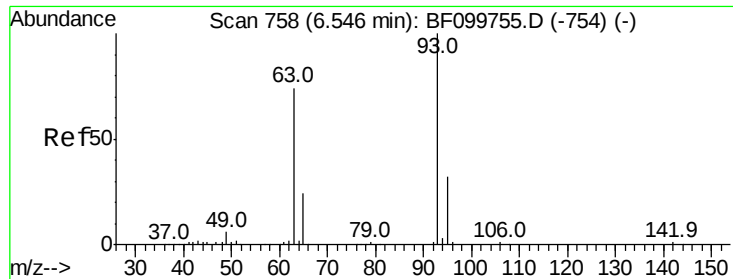


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 32.664 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100112.D

Acq: 3 Nov 2017 4:33

Instrument :

BNA_F

ClientSampled :

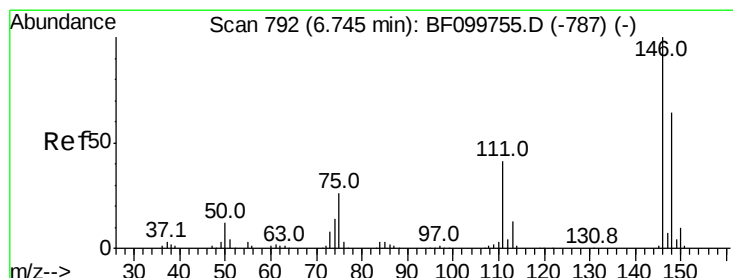
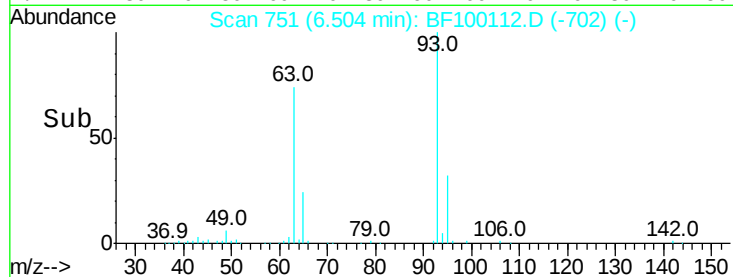
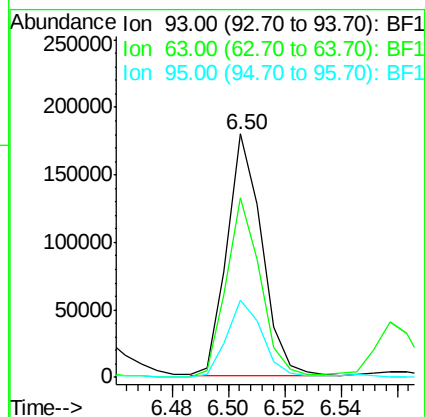
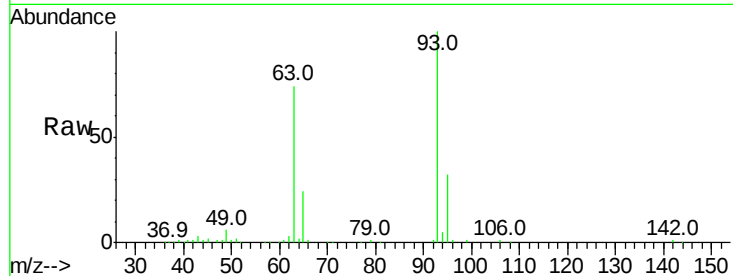
Tot Ion: 93 Resp: 153746

Ion Ratio Lower Upper

93 100

63 73.5 58.6 98.6

95 31.9 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 34.045 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF100112.D

Acq: 3 Nov 2017 4:33

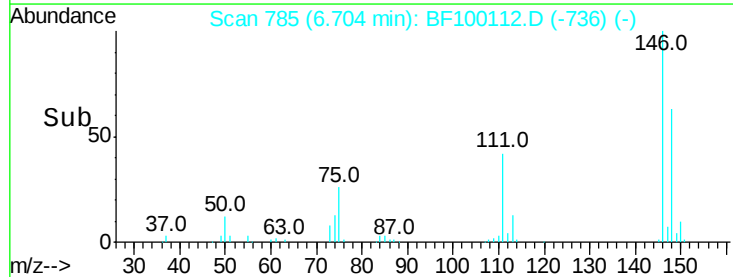
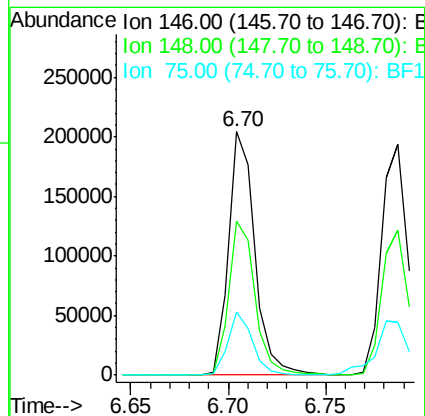
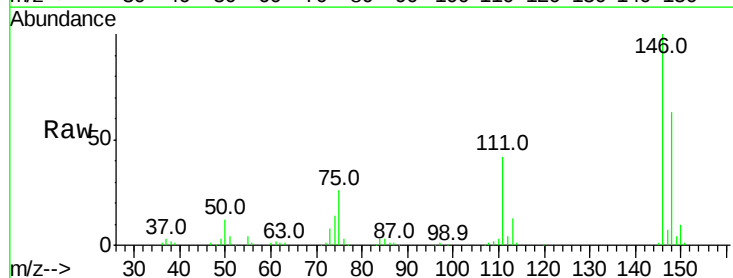
Tgt Ion: 146 Resp: 190753

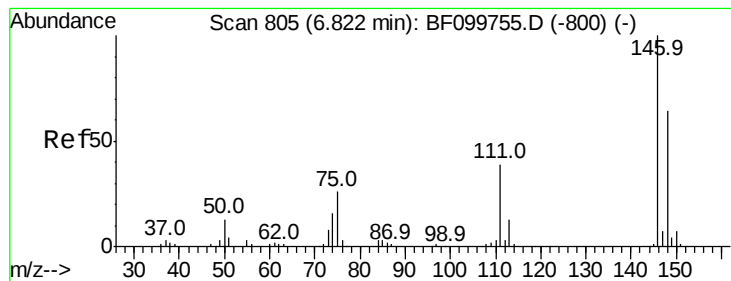
Ion Ratio Lower Upper

146 100

148 63.4 51.8 77.8

75 25.8 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 34.202 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF100112.D

Acq: 3 Nov 2017 4:33

Instrument :

BNA_F

ClientSampled :

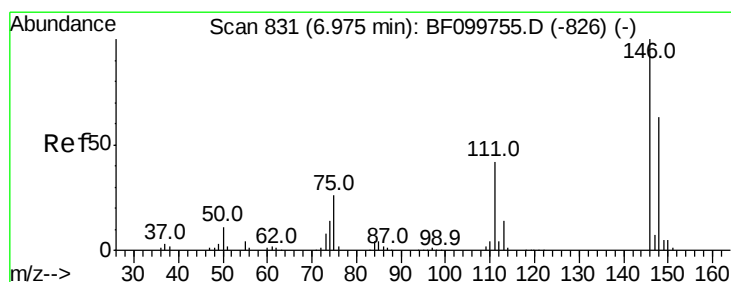
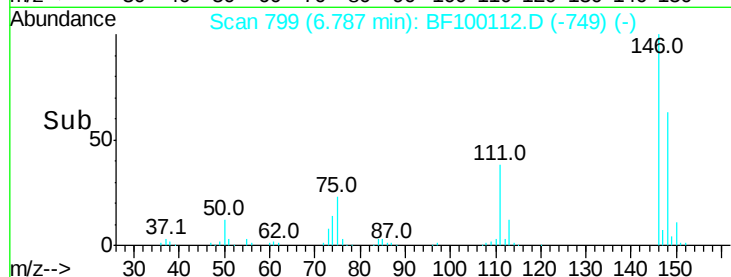
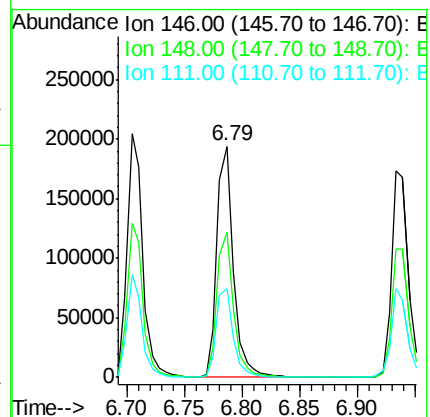
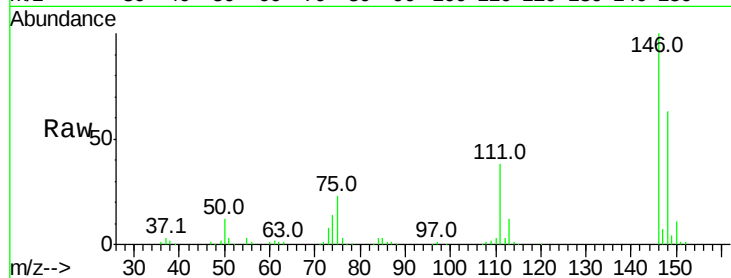
Tot Ion:146 Resp: 194488

Ion Ratio Lower Upper

146 100

148 62.6 50.8 76.2

111 38.5 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 34.679 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF100112.D

Acq: 3 Nov 2017 4:33

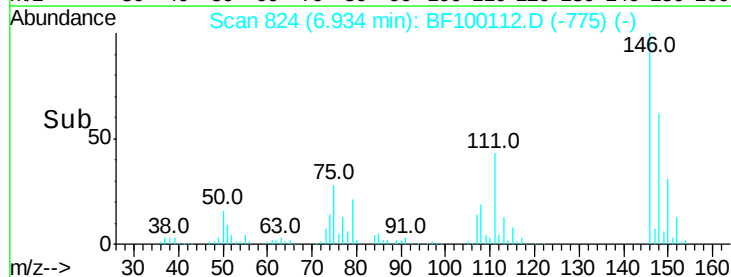
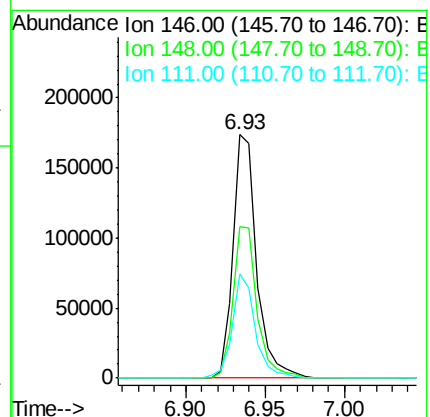
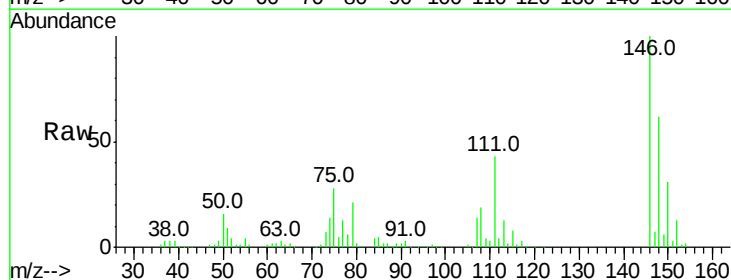
Tgt Ion:146 Resp: 179724

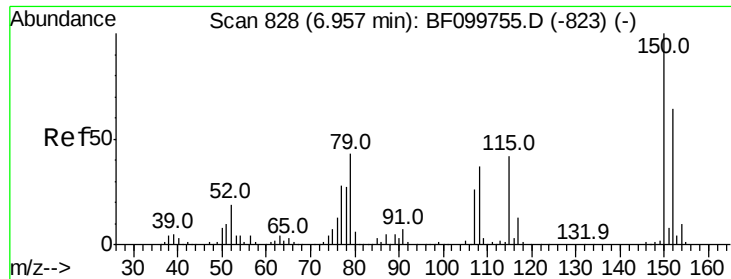
Ion Ratio Lower Upper

146 100

148 62.1 50.6 75.8

111 42.6 36.0 54.0

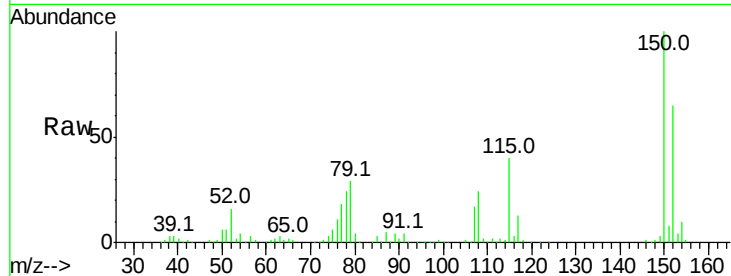




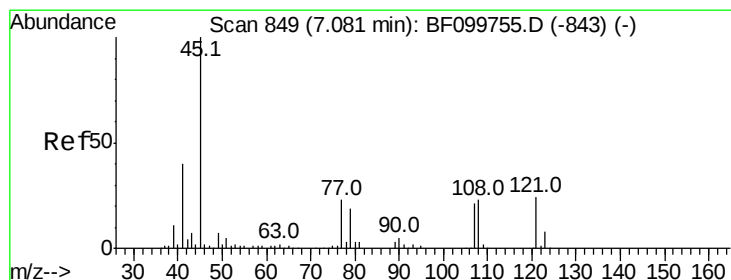
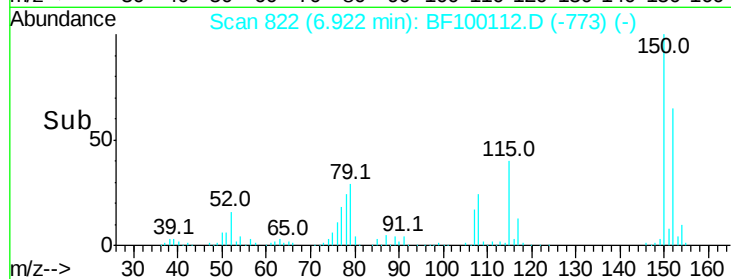
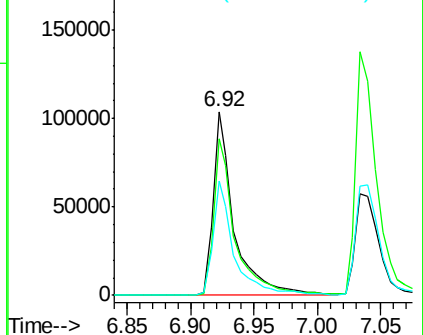
#15
Benzyl Alcohol
Concen: 34.446 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF100112.D
Acq: 3 Nov 2017 4:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 121616
Ion Ratio Lower Upper
79 100
108 85.1 65.1 97.7
77 62.3 50.6 75.8

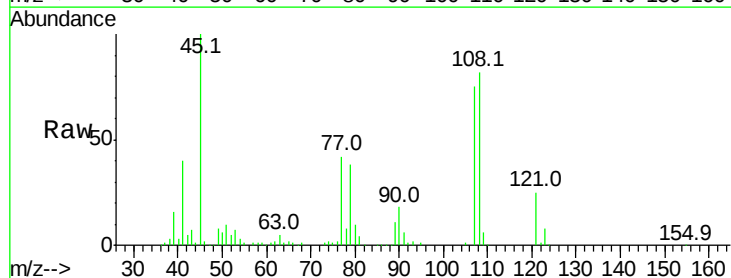


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

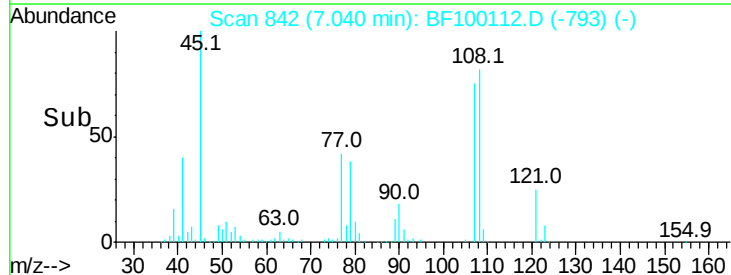
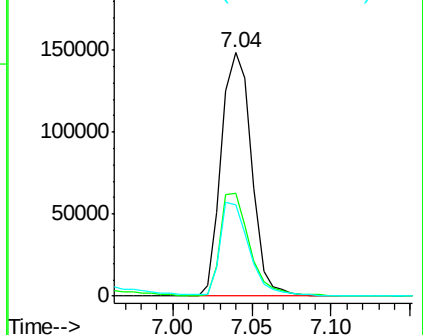


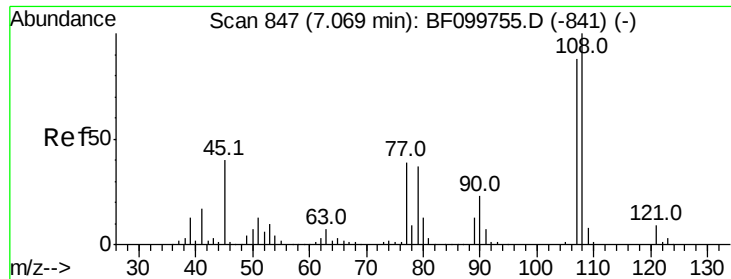
#16
2,2'-oxybis(1-chloropropane)
Concen: 37.605 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF100112.D
Acq: 3 Nov 2017 4:33

Tgt Ion: 45 Resp: 196624
Ion Ratio Lower Upper
45 100
77 42.0 0.0 32.9#
79 37.6 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

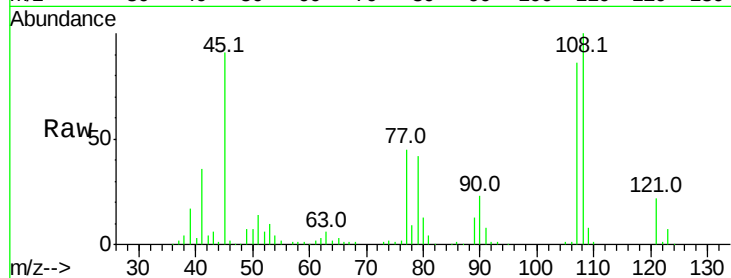




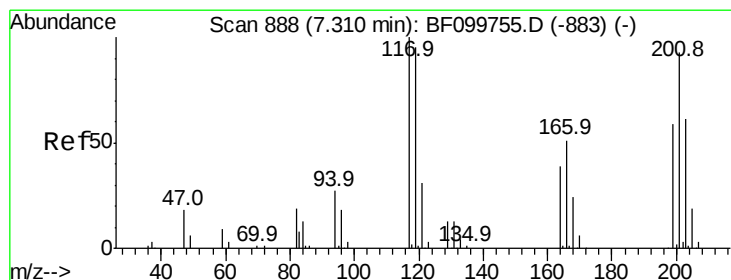
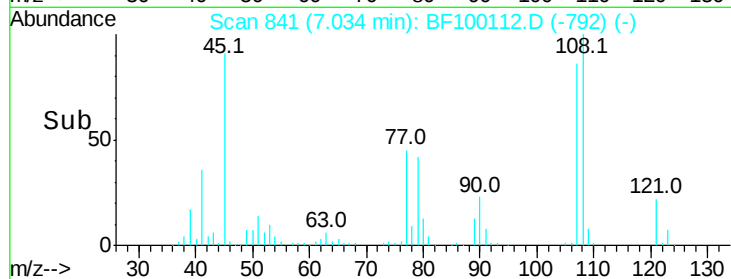
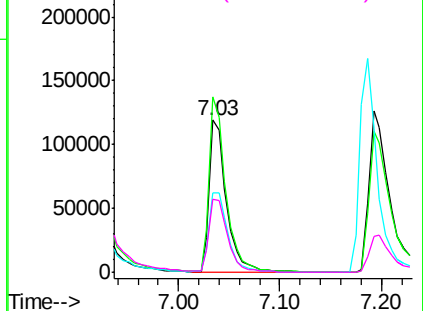
#17
2-Methylphenol
Concen: 33.741 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF100112.D
Acq: 3 Nov 2017 4:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 140836
Ion Ratio Lower Upper
107 100
108 115.8 91.7 137.5
77 52.0 33.8 50.8#
79 48.3 33.8 50.8

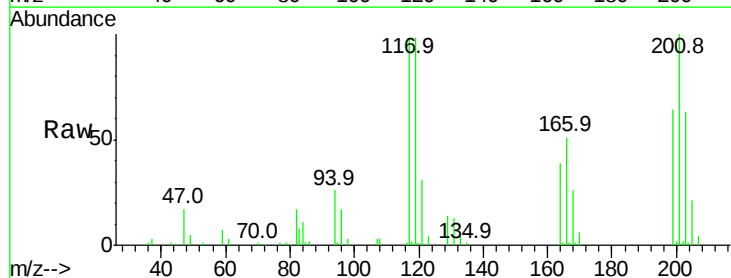


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

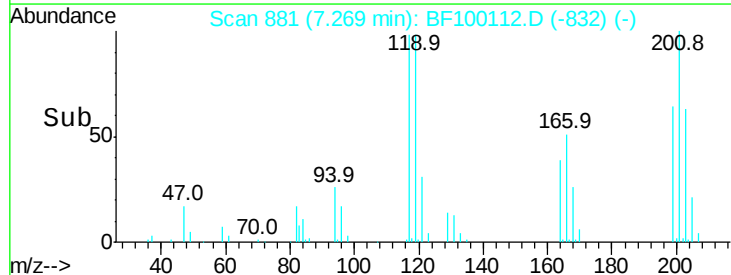
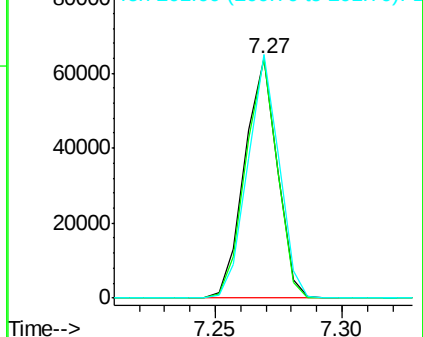


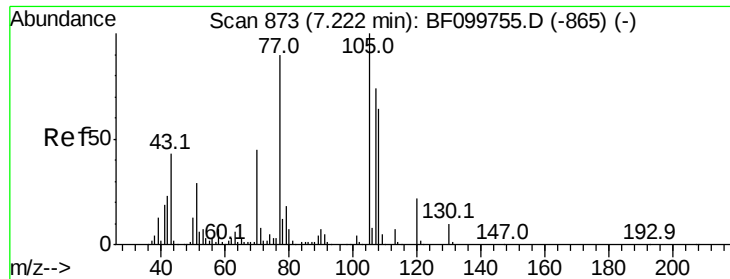
#18
Hexachloroethane
Concen: 30.174 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF100112.D
Acq: 3 Nov 2017 4:33

Tgt Ion:117 Resp: 57245
Ion Ratio Lower Upper
117 100
119 100.0 75.8 113.8
201 101.6 75.7 113.5



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

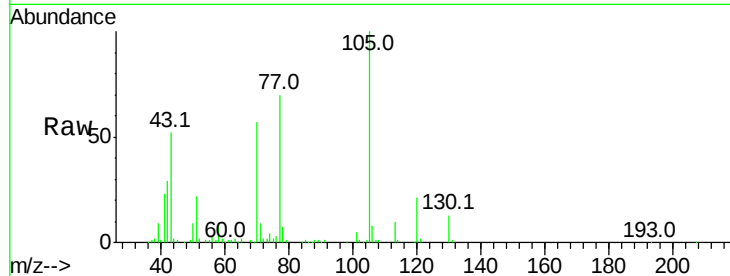




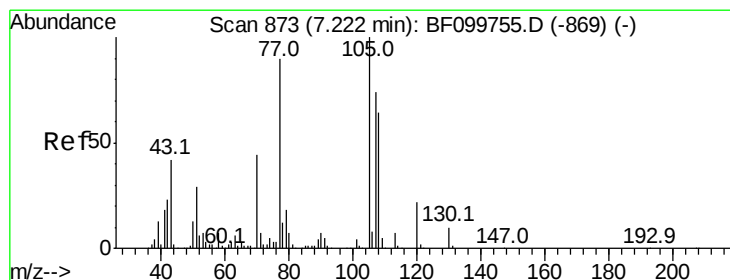
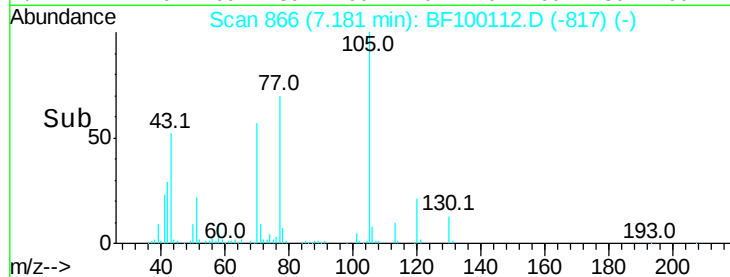
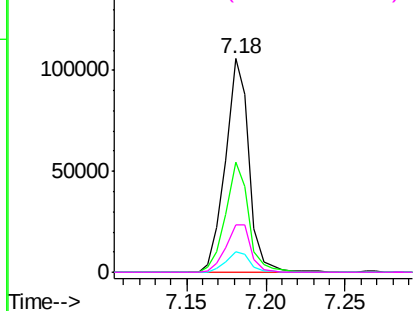
#19
n-Nitroso-di-n-propylamine
Concen: 33.489 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF100112.D
Acq: 3 Nov 2017 4:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 108952
Ion Ratio Lower Upper
70 100
42 51.5 47.5 71.3
101 9.5 7.4 11.2
130 22.4 16.6 25.0



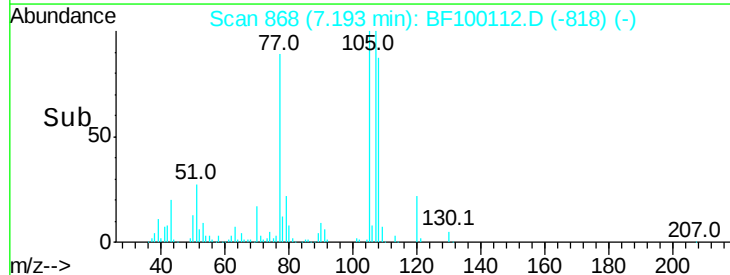
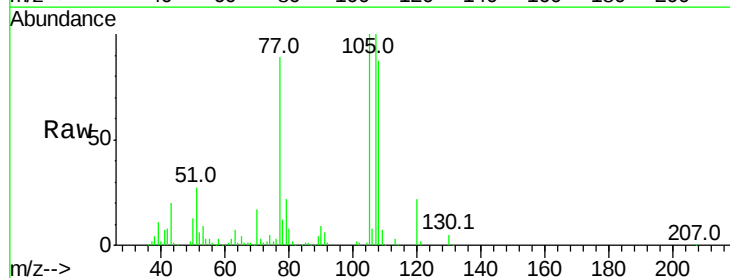
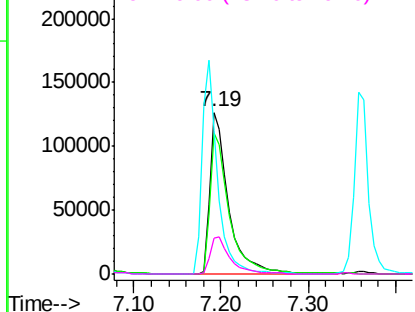
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

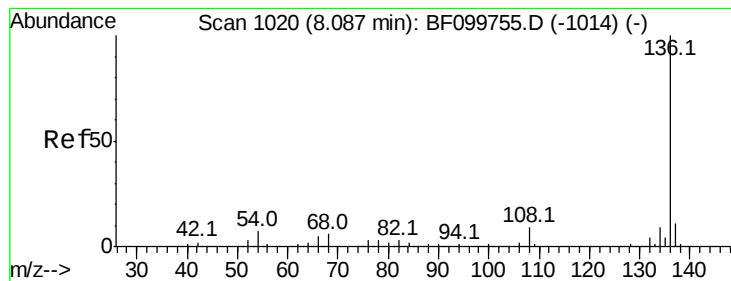


#20
3+4-Methylphenols
Concen: 38.536 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF100112.D
Acq: 3 Nov 2017 4:33

Tgt Ion: 107 Resp: 187292
Ion Ratio Lower Upper
107 100
108 87.2 68.2 108.2
77 88.5 26.7 66.7#
79 21.9 6.3 46.3

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF100112.D

Acq: 3 Nov 2017 4:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 305215

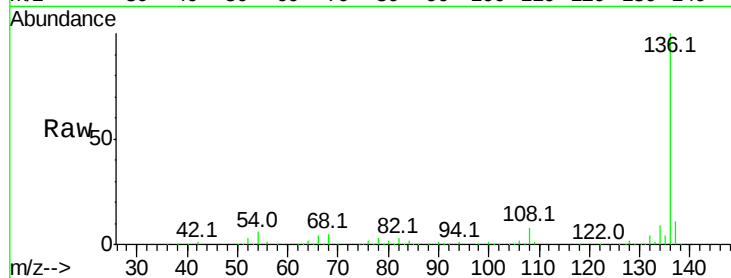
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.3 6.6 9.8#

68 5.3 5.0 7.4

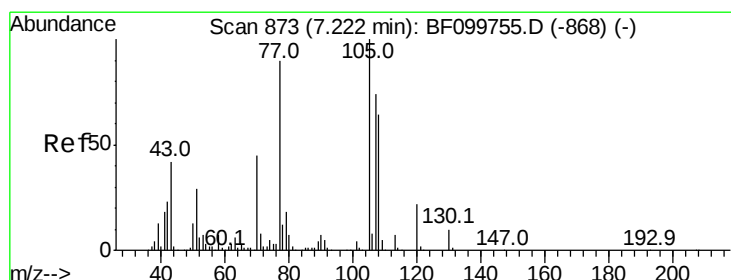
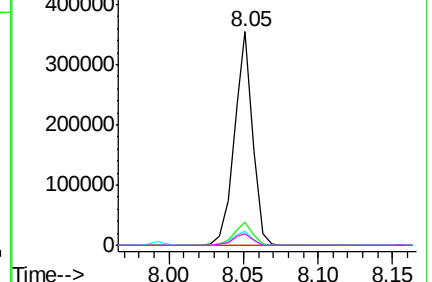
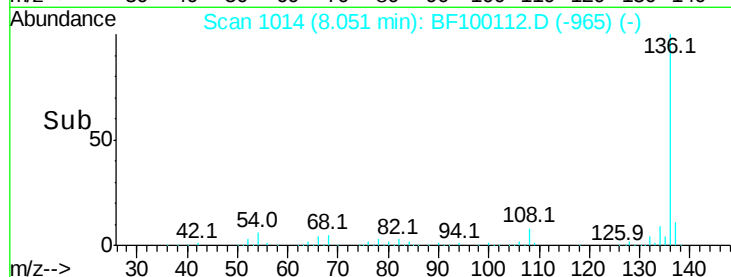


Abundance Ion 136.00 (135.70 to 136.70): E

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: 33.302 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF100112.D

Acq: 3 Nov 2017 4:33

Tgt Ion:105 Resp: 231433

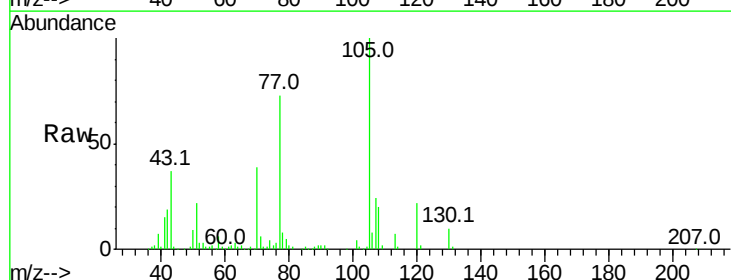
Ion Ratio Lower Upper

105 100

71 6.2 4.4 6.6

51 21.5 22.3 33.5#

120 21.9 16.9 25.3

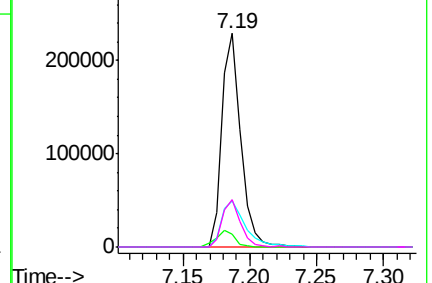
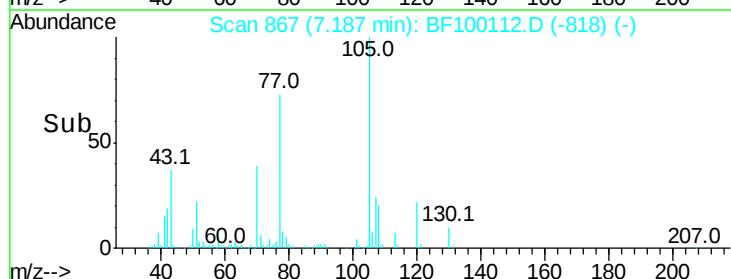


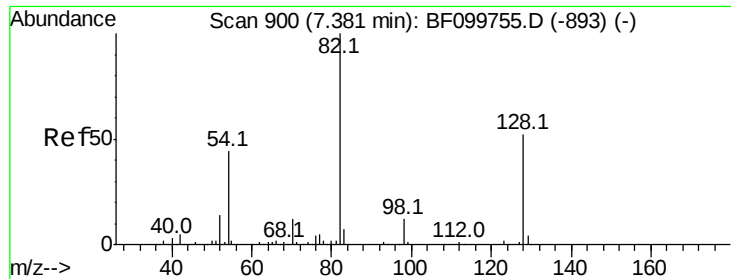
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

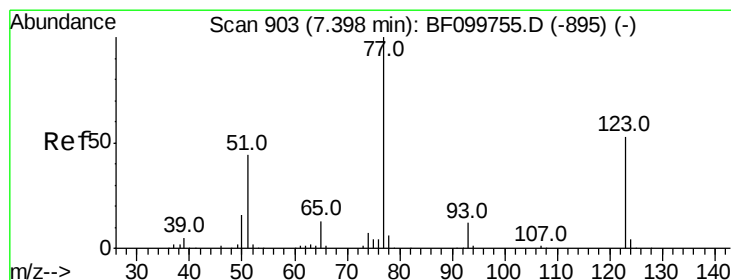
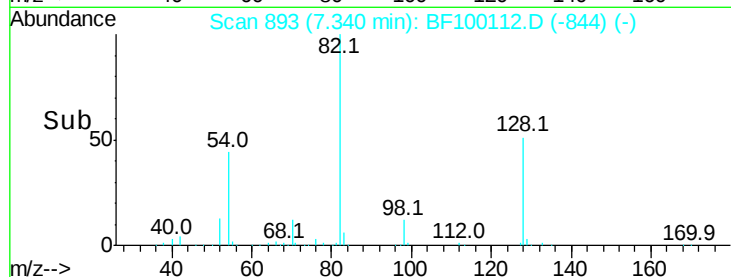
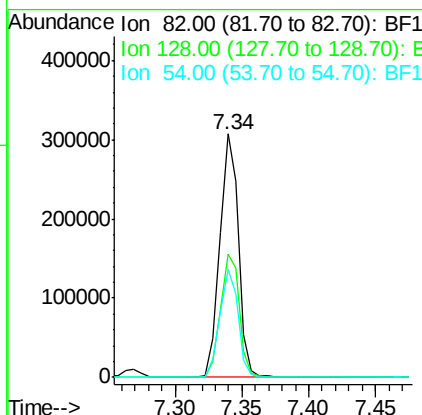
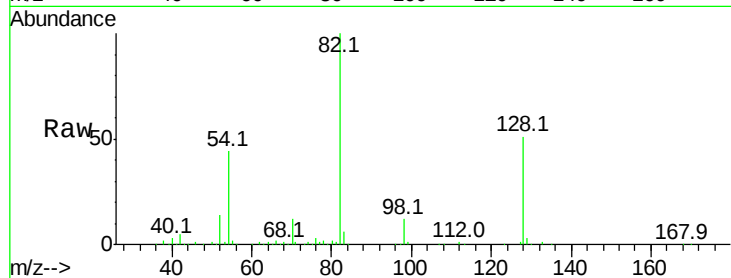




#23
Nitrobenzene-d5
Concen: 64.055 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100112.D
Acq: 3 Nov 2017 4:33

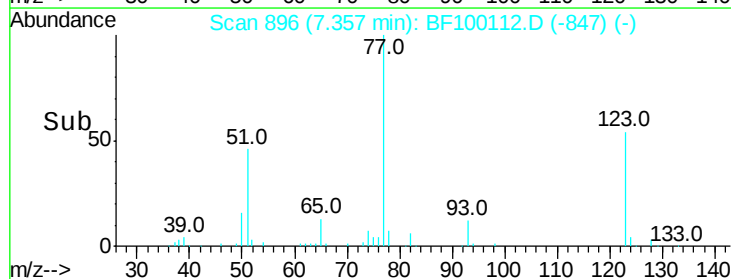
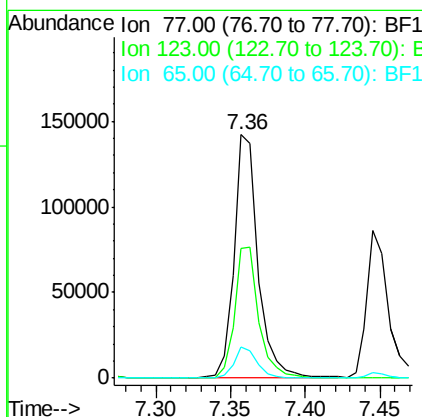
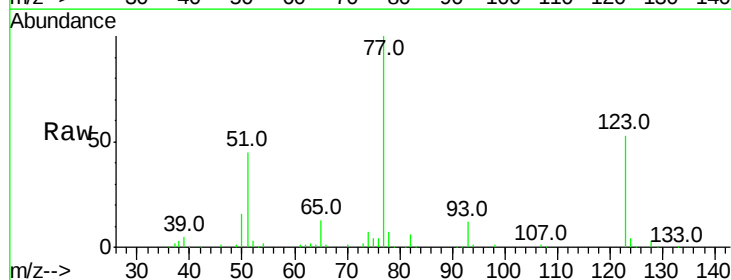
Instrument :
BNA_F
ClientSampleId :

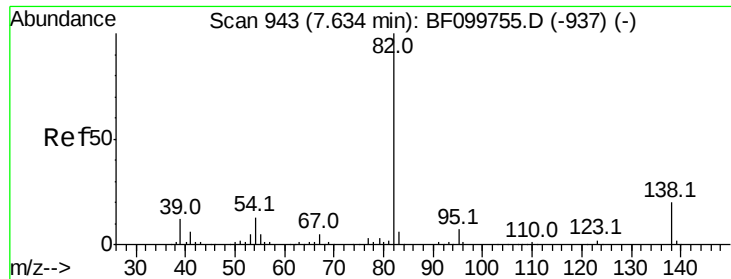
Tot Ion: 82 Resp: 303671
Ion Ratio Lower Upper
82 100
128 50.8 36.1 54.1
54 44.5 41.4 62.2



#24
Nitrobenzene
Concen: 33.668 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF100112.D
Acq: 3 Nov 2017 4:33

Tgt Ion: 77 Resp: 160824
Ion Ratio Lower Upper
77 100
123 53.4 37.9 56.9
65 12.5 11.0 16.4





#25

Isophorone

Concen: 35.061 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF100112.D

Acq: 3 Nov 2017 4:33

Instrument :

BNA_F

ClientSampleId :

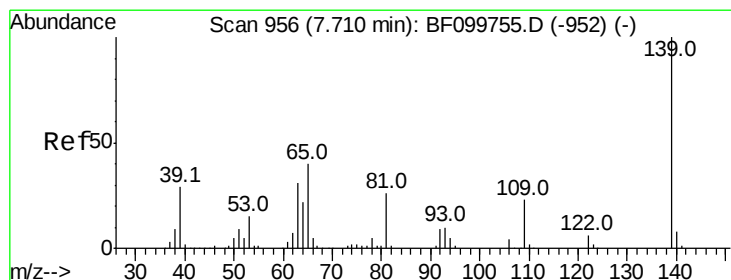
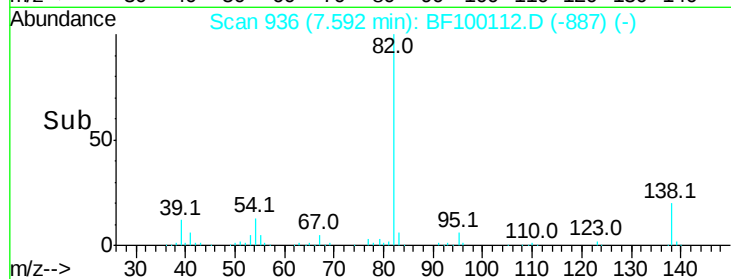
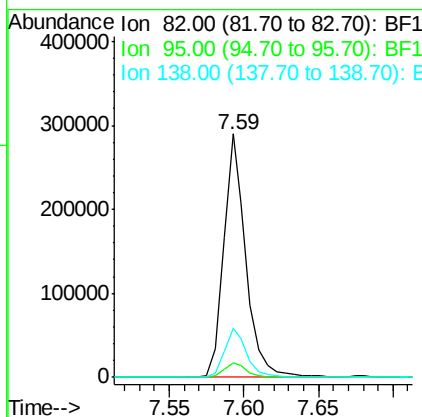
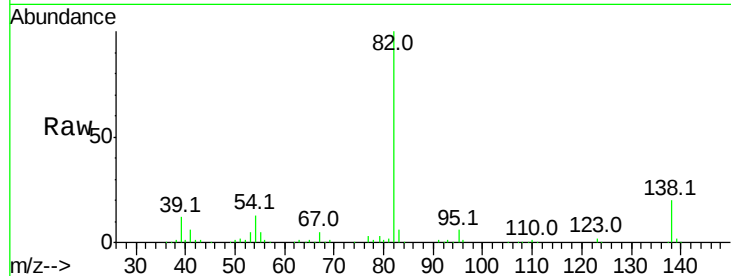
Tot Ion: 82 Resp: 301614

Ion Ratio Lower Upper

82 100

95 6.1 5.2 7.8

138 20.3 14.9 22.3



#26

2-Nitrophenol

Concen: 33.598 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF100112.D

Acq: 3 Nov 2017 4:33

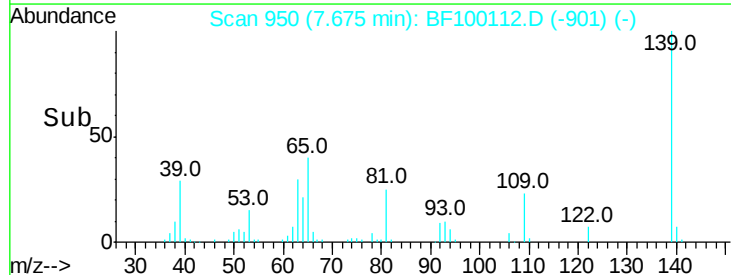
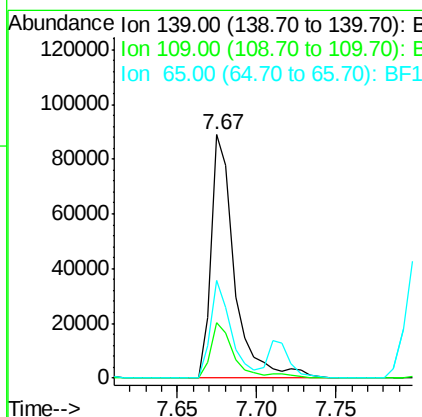
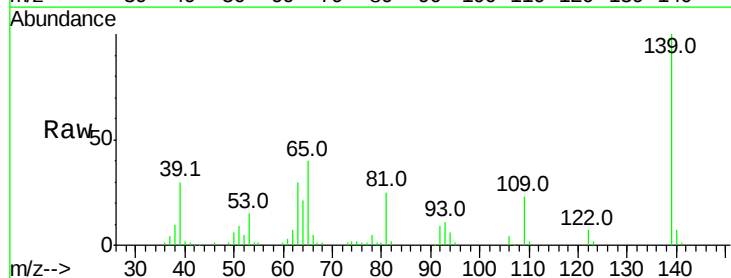
Tgt Ion: 139 Resp: 91921

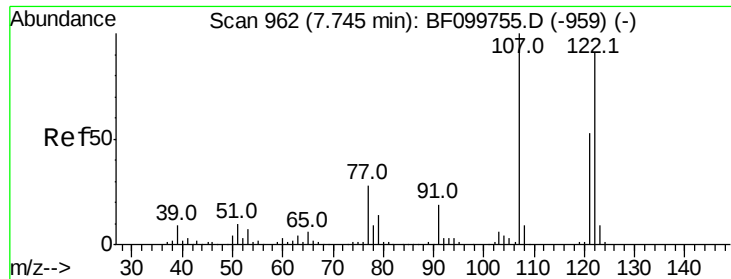
Ion Ratio Lower Upper

139 100

109 22.6 22.7 34.1#

65 40.4 40.5 60.7#

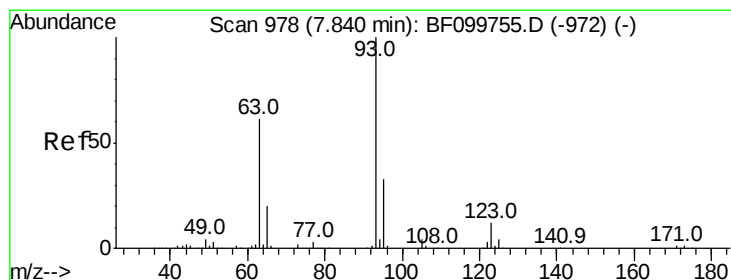
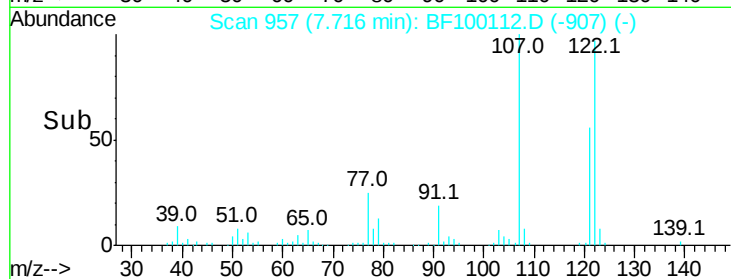
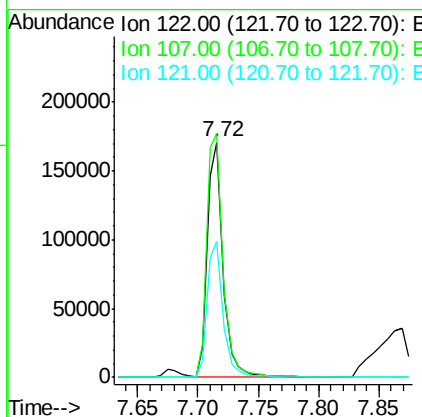
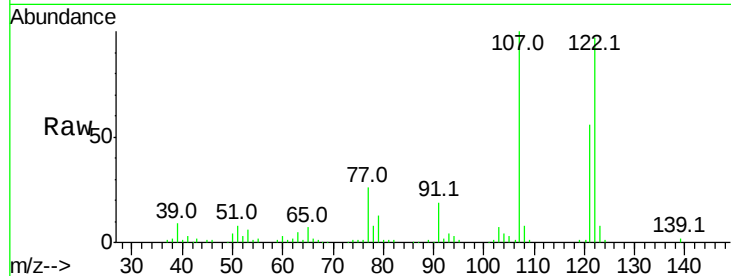




#27
2,4-Dimethylphenol
Concen: 38.446 ng
RT: 7.72 min Scan# 957
Delta R.T. -0.01 min
Lab File: BF100112.D
Acq: 3 Nov 2017 4:33

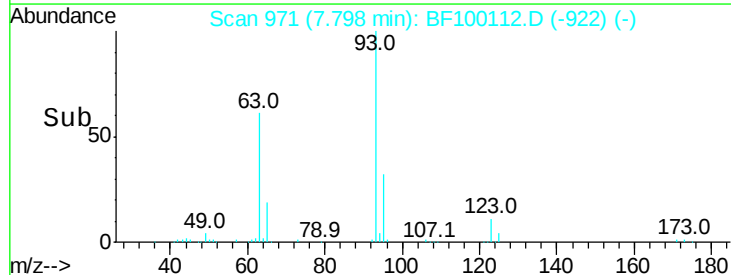
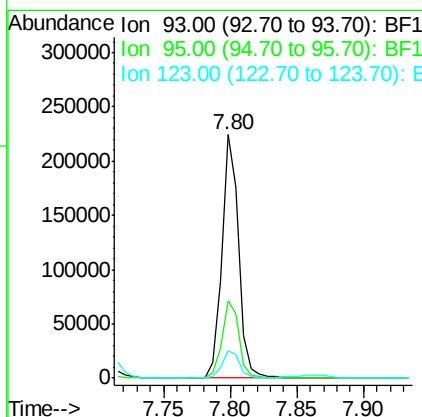
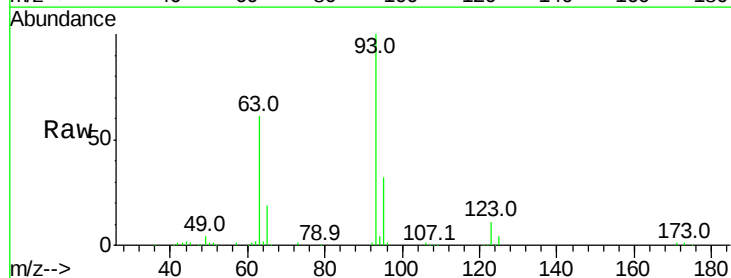
Instrument :
BNA_F
ClientSampled :

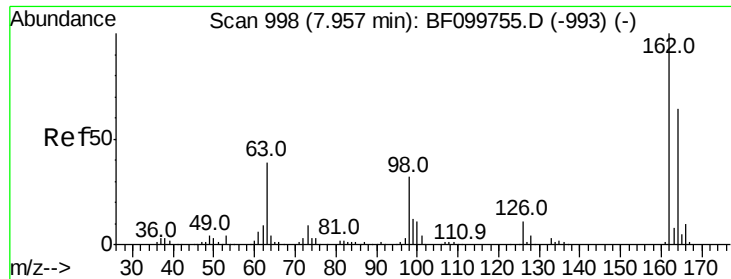
Tot Ion:122 Resp: 154981
Ion Ratio Lower Upper
122 100
107 103.6 91.2 136.8
121 57.7 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 33.046 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF100112.D
Acq: 3 Nov 2017 4:33

Tgt Ion: 93 Resp: 199091
Ion Ratio Lower Upper
93 100
95 31.8 26.3 39.5
123 11.2 9.8 14.6

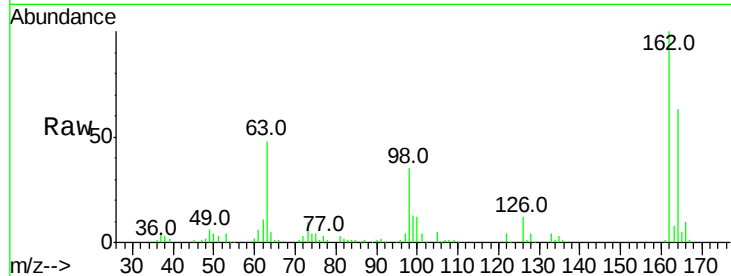




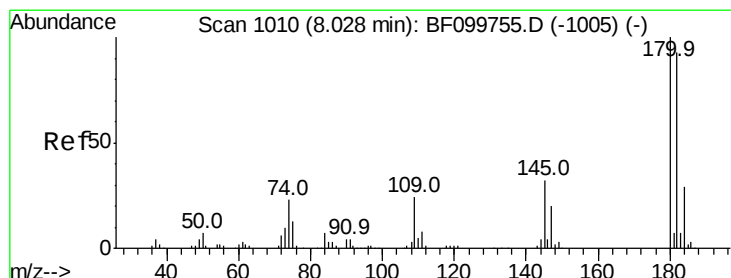
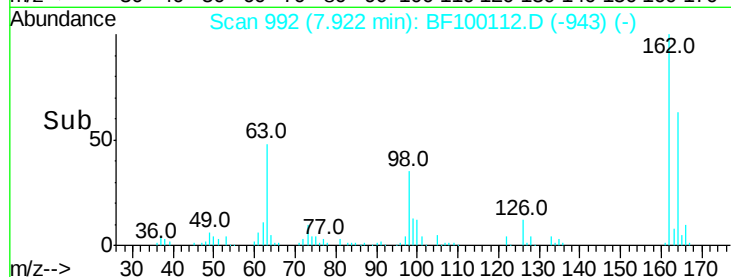
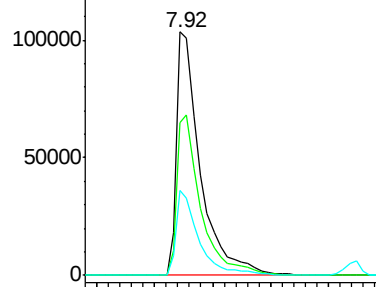
#29
 2,4-Dichlorophenol
 Concen: 35.658 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF100112.D
 Acq: 3 Nov 2017 4:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	42.7	82.7
98	34.8	18.1	58.1

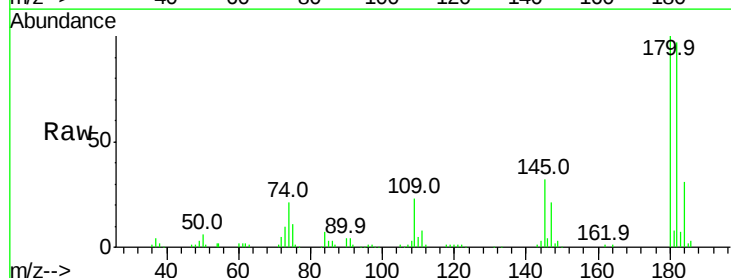


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

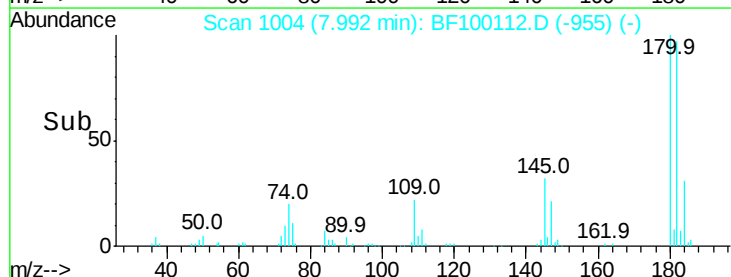
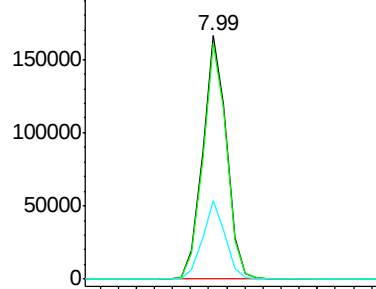


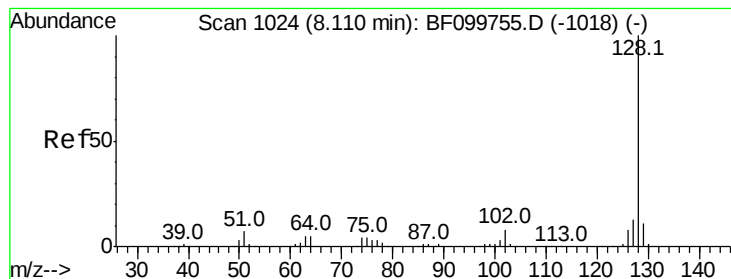
#30
 1,2,4-Trichlorobenzene
 Concen: 33.731 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BF100112.D
 Acq: 3 Nov 2017 4:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.8	115.2
145	32.4	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: 33.962 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF100112.D

Acq: 3 Nov 2017 4:33

Instrument :

BNA_F

ClientSampleId :

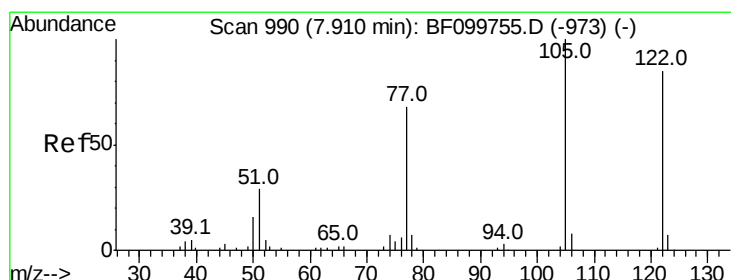
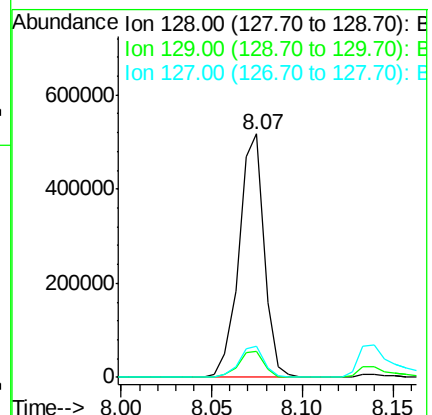
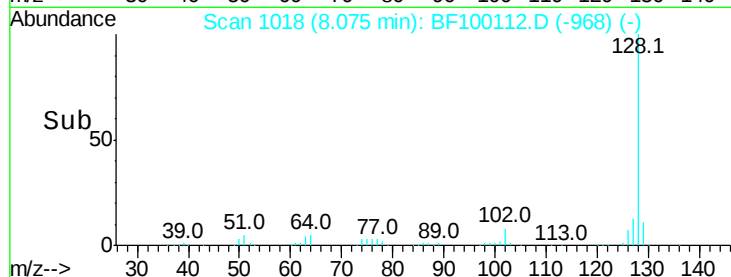
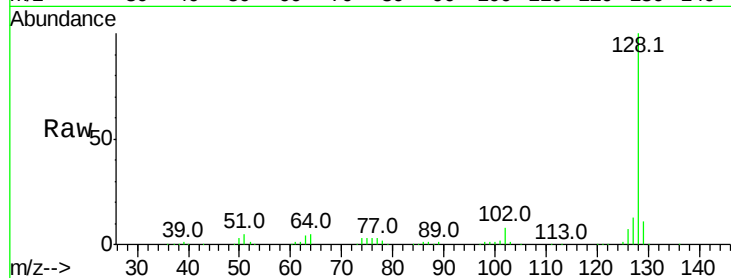
Tot Ion:128 Resp: 500367

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 12.9 10.9 16.3



#32

Benzoic acid

Concen: 24.087 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.02 min

Lab File: BF100112.D

Acq: 3 Nov 2017 4:33

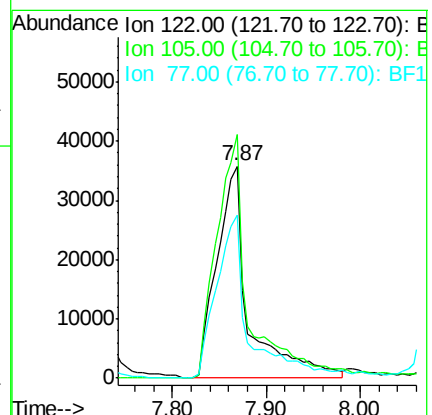
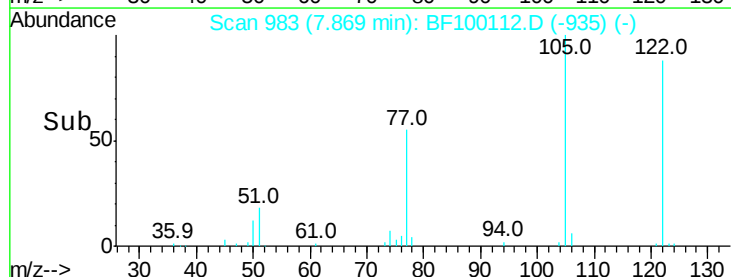
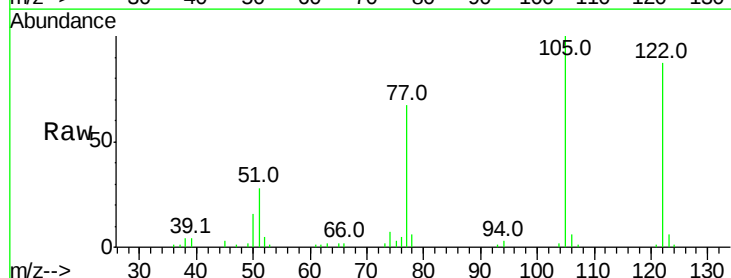
Tgt Ion:122 Resp: 85467

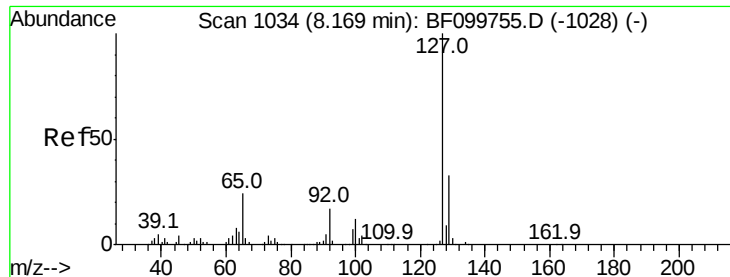
Ion Ratio Lower Upper

122 100

105 114.9 101.1 141.1

77 76.8 70.7 110.7

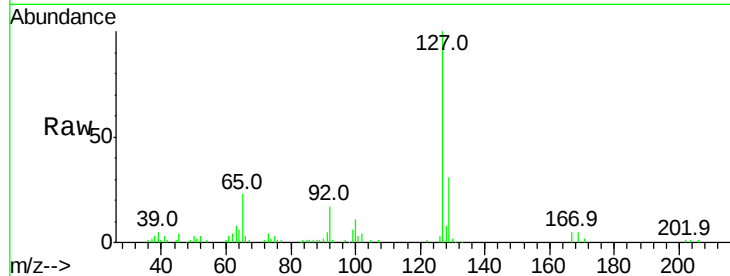




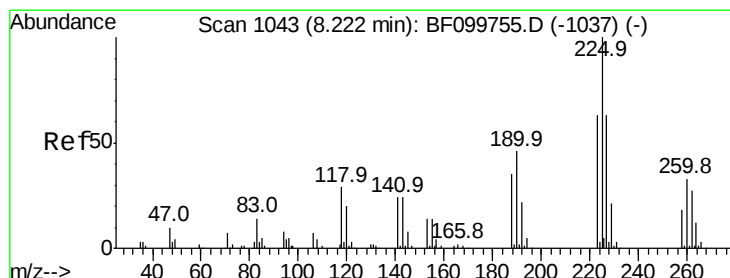
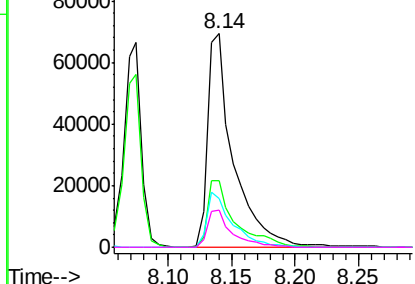
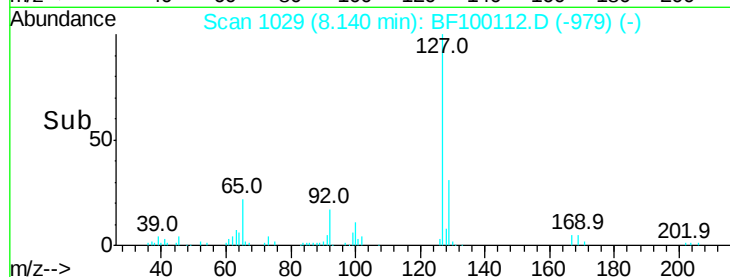
#33
4-Chloroaniline
Concen: 16.210 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF100112.D
Acq: 3 Nov 2017 4:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 98618
Ion Ratio Lower Upper
127 100
129 31.3 25.9 38.9
65 23.1 25.0 37.4#
92 17.2 15.2 22.8

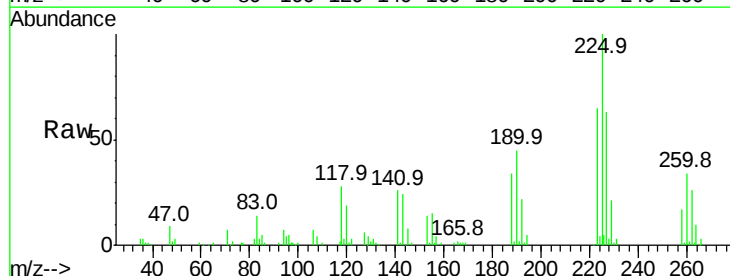


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

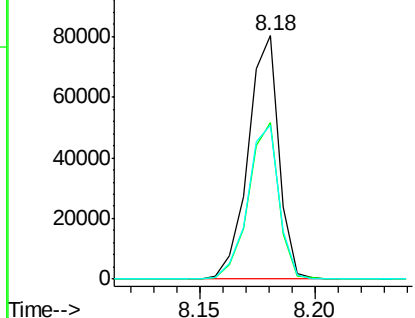
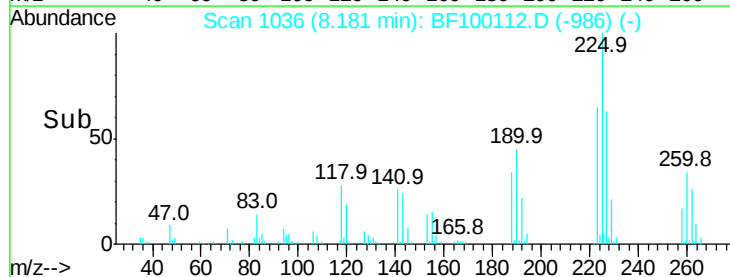


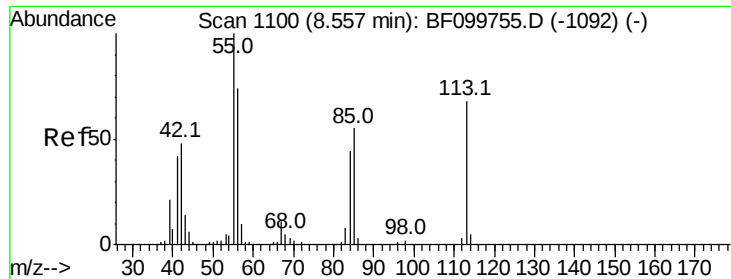
#34
Hexachlorobutadiene
Concen: 32.507 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100112.D
Acq: 3 Nov 2017 4:33

Tgt Ion:225 Resp: 74813
Ion Ratio Lower Upper
225 100
223 64.6 50.6 76.0
227 63.2 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

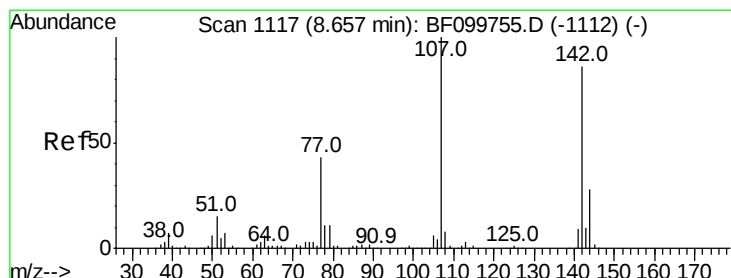
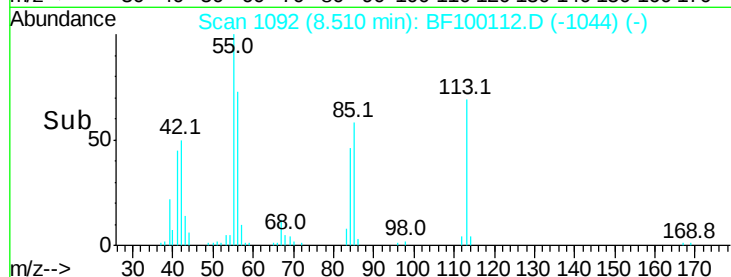
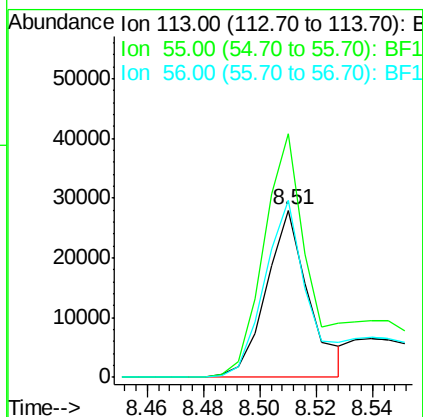
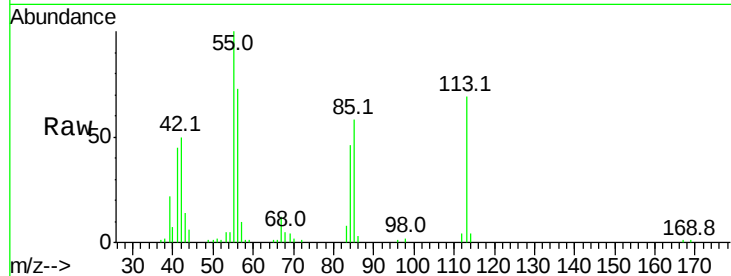




#35
Caprolactam
Concen: 22.234 ng
RT: 8.51 min Scan# 1092
Delta R.T. -0.02 min
Lab File: BF100112.D
Acq: 3 Nov 2017 4:33

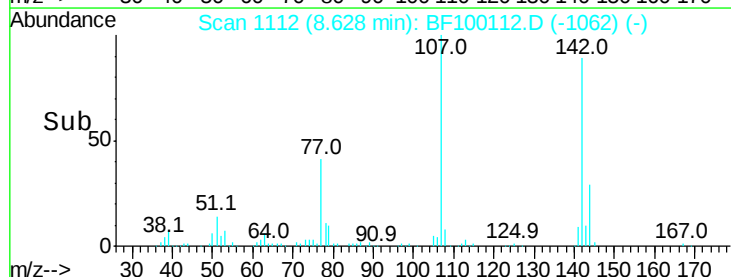
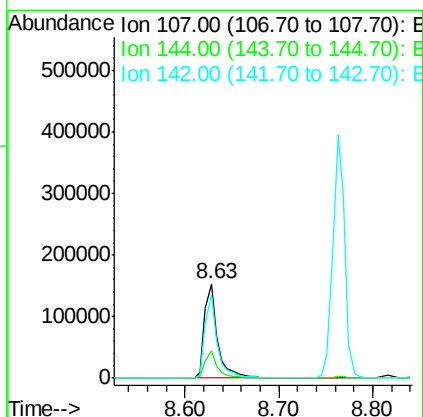
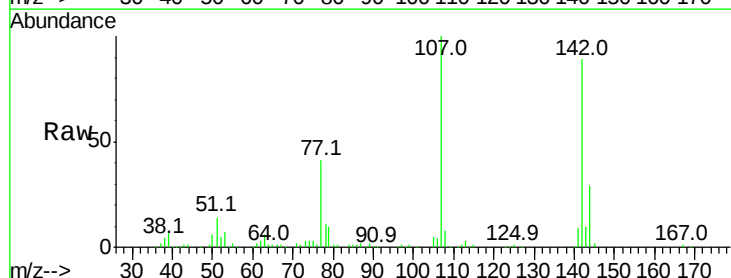
Instrument :
BNA_F
ClientSampled :

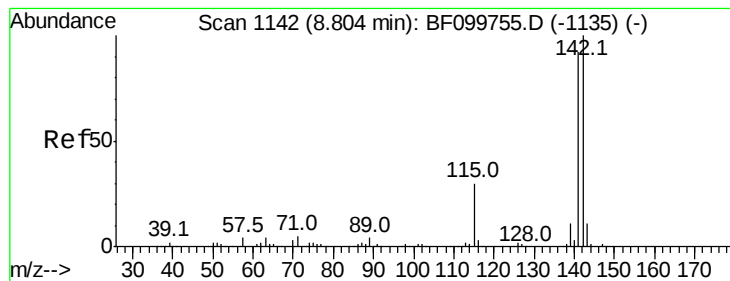
Tot Ion:113 Resp: 29280
Ion Ratio Lower Upper
113 100
55 145.7 163.3 203.3#
56 105.9 115.7 155.7#



#36
4-Chloro-3-methylphenol
Concen: 34.637 ng
RT: 8.63 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF100112.D
Acq: 3 Nov 2017 4:33

Tgt Ion:107 Resp: 148047
Ion Ratio Lower Upper
107 100
144 28.9 20.5 30.7
142 88.7 62.0 93.0





#37

2-Methylnaphthalene

Concen: 35.078 ng

RT: 8.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BF100112.D

Acq: 3 Nov 2017 4:33

Instrument :

BNA_F

ClientSampleId :

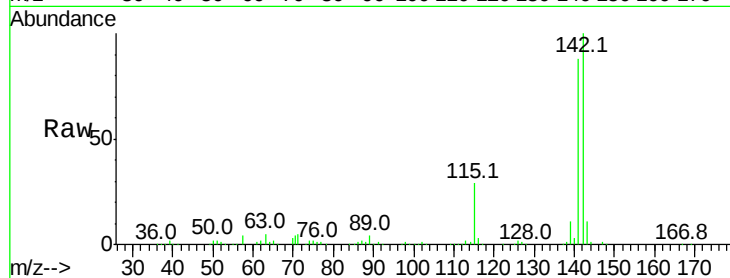
Tot Ion:142 Resp: 346328

Ion Ratio Lower Upper

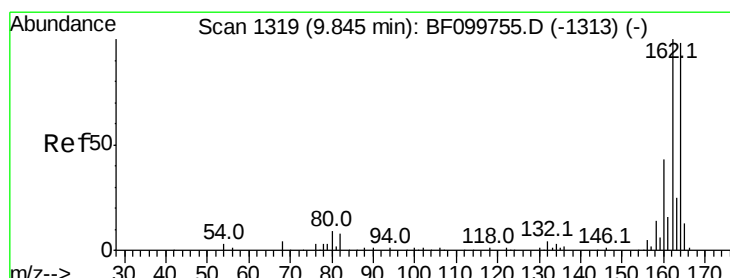
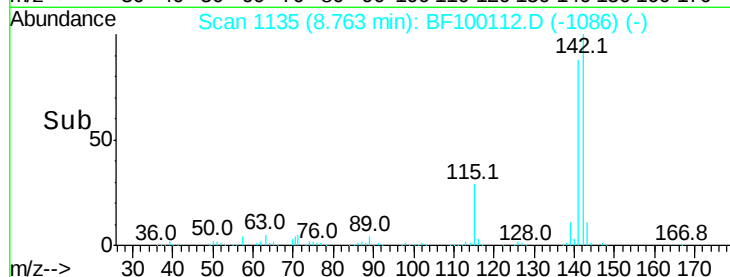
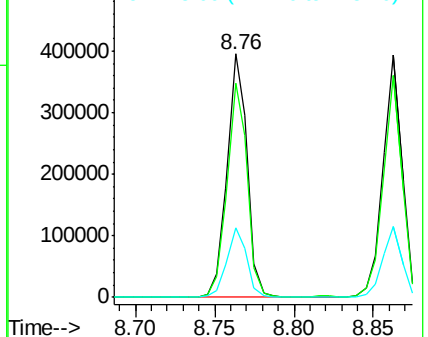
142 100

141 87.7 70.8 106.2

115 28.7 26.1 39.1



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF100112.D

Acq: 3 Nov 2017 4:33

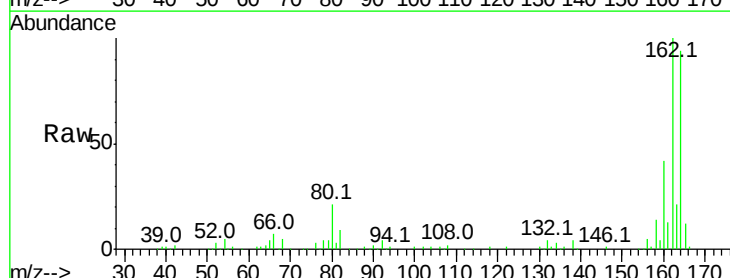
Tgt Ion:164 Resp: 138535

Ion Ratio Lower Upper

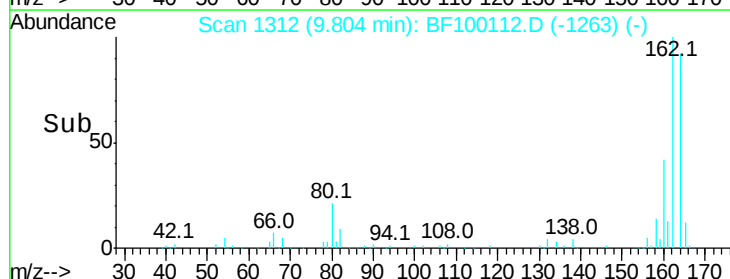
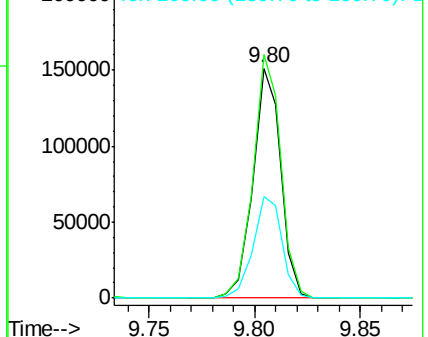
164 100

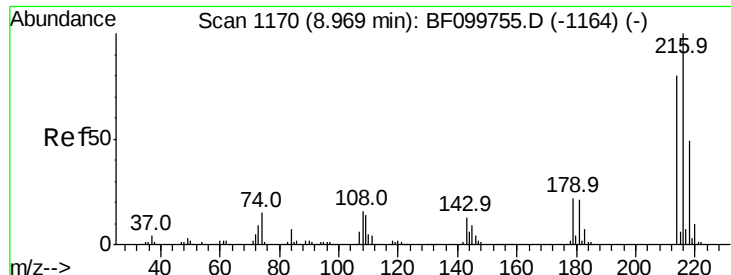
162 105.9 86.1 129.1

160 44.4 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

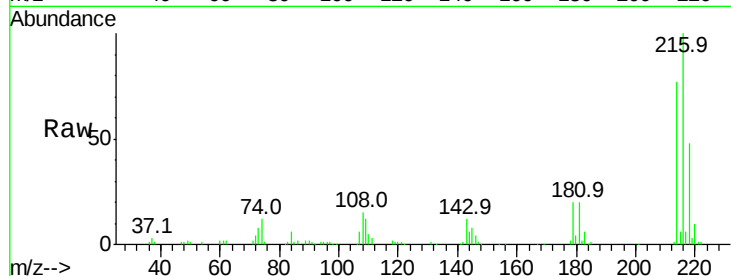




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.042 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF100112.D
 Acq: 3 Nov 2017 4:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.0	94.4
179	21.4	18.1	27.1
108	16.2	17.2	25.8#

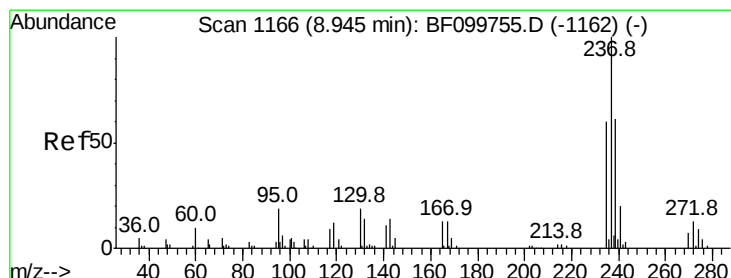
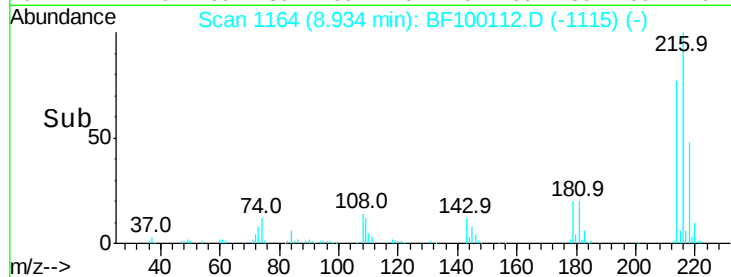
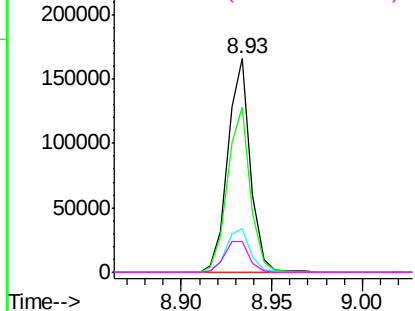


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

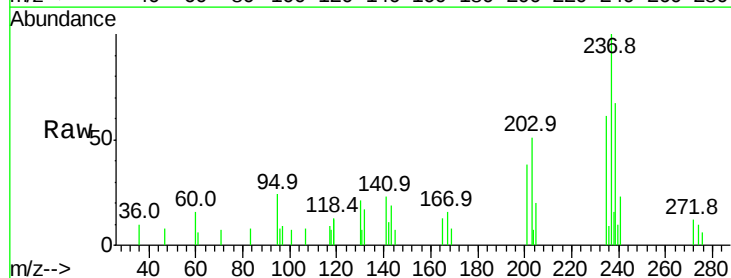
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 15.156 ng
 RT: 8.90 min Scan# 1159
 Delta R.T. -0.01 min
 Lab File: BF100112.D
 Acq: 3 Nov 2017 4:33

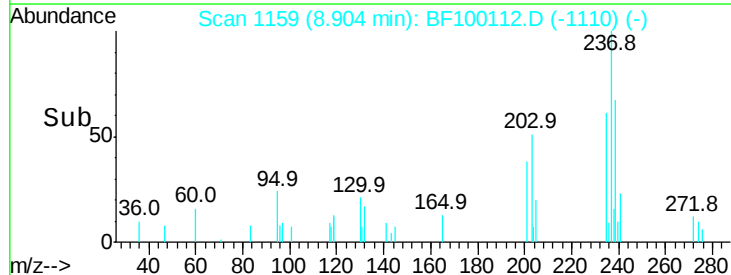
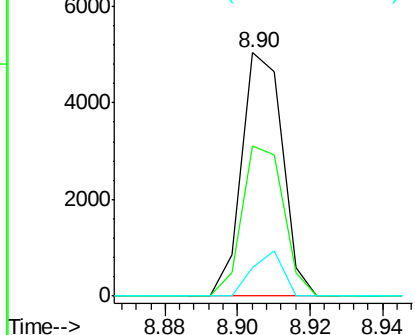
Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.5	44.8	84.8
272	11.6	0.0	33.3

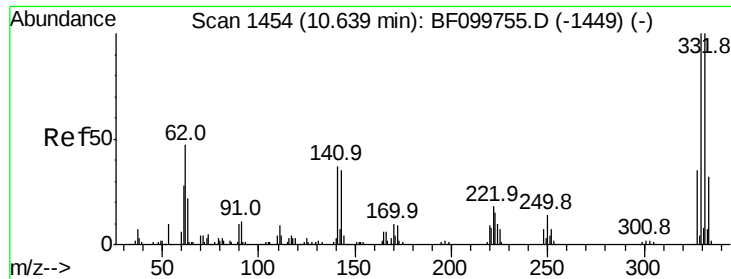


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 61.527 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BF100112.D

Acq: 3 Nov 2017 4:33

Instrument :

BNA_F

ClientSampled :

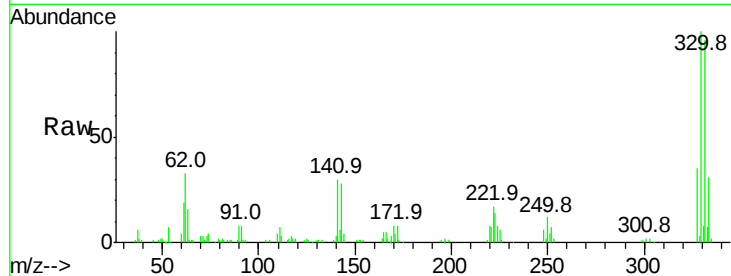
Tot Ion:330 Resp: 77677

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

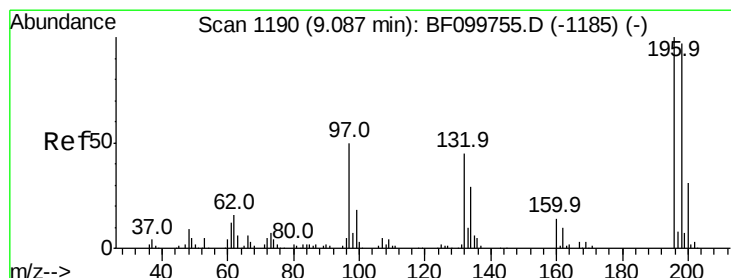
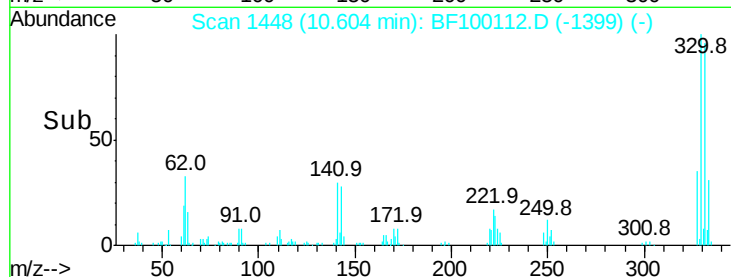
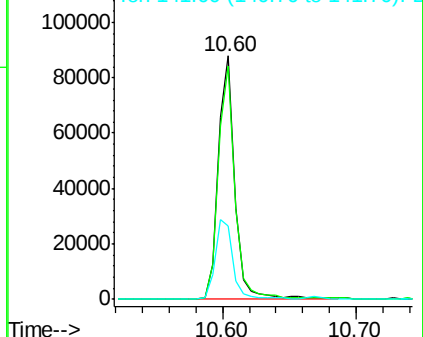
141 35.0 29.9 44.9



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: 34.642 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF100112.D

Acq: 3 Nov 2017 4:33

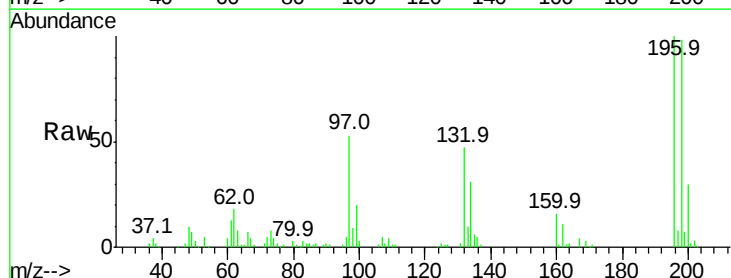
Tgt Ion:196 Resp: 93757

Ion Ratio Lower Upper

196 100

198 97.8 75.7 113.5

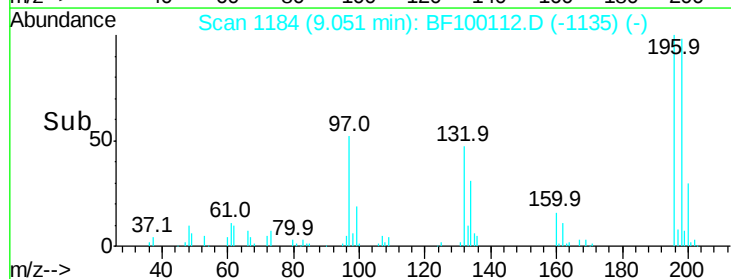
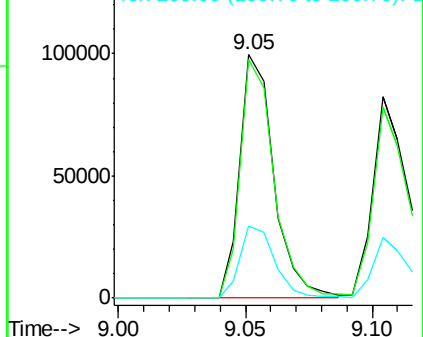
200 29.6 24.5 36.7

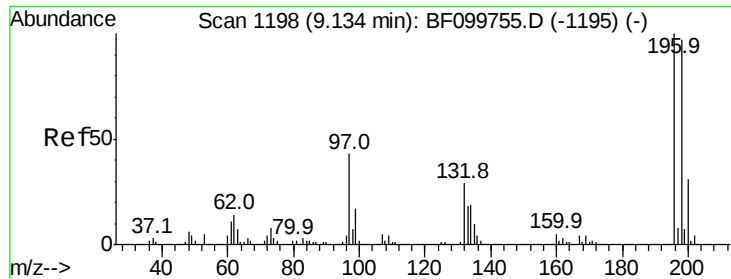


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

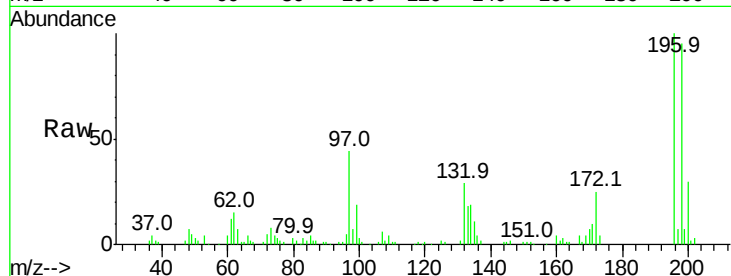




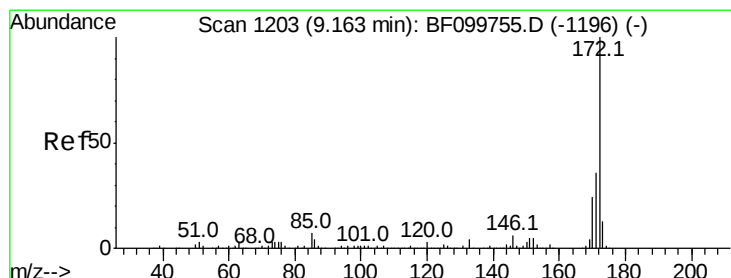
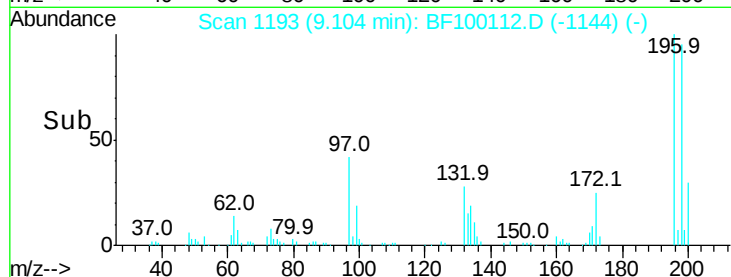
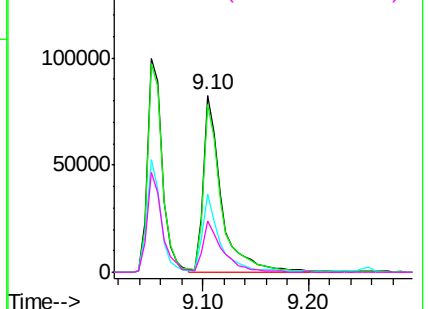
#43
 2,4,5-Trichlorophenol
 Concen: 34.550 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF100112.D
 Acq: 3 Nov 2017 4:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	99230
Ion	Ratio	Lower	Upper
196	100		
198	94.7	74.6	112.0
97	44.1	42.9	64.3
132	29.3	26.3	39.5

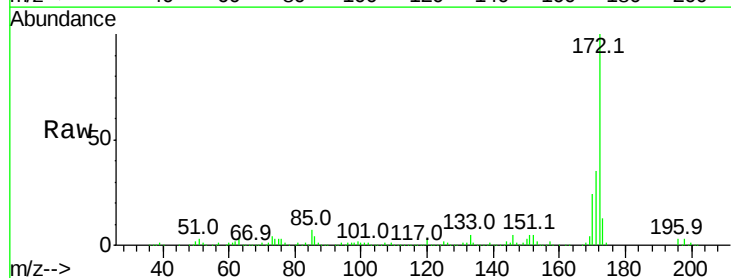


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

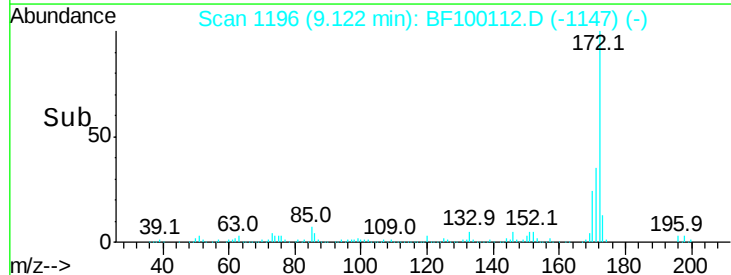
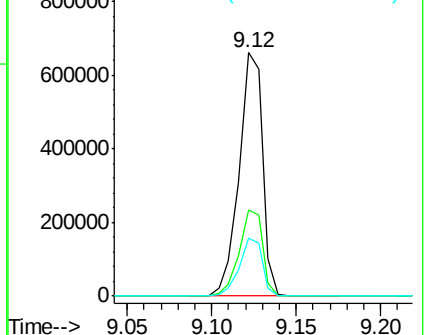


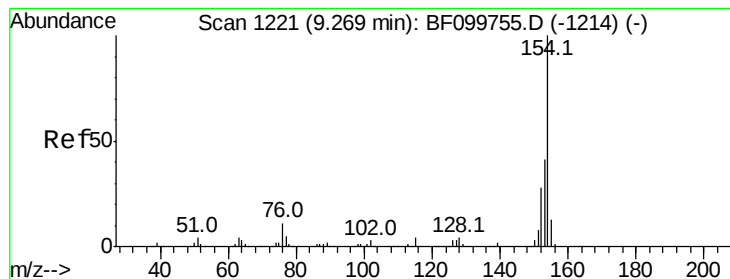
#44
 2-Fluorobiphenyl
 Concen: 71.166 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF100112.D
 Acq: 3 Nov 2017 4:33

Tgt Ion:	172	Resp:	639015
Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.7	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: 32.463 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF100112.D

Acq: 3 Nov 2017 4:33

Instrument :

BNA_F

ClientSampled :

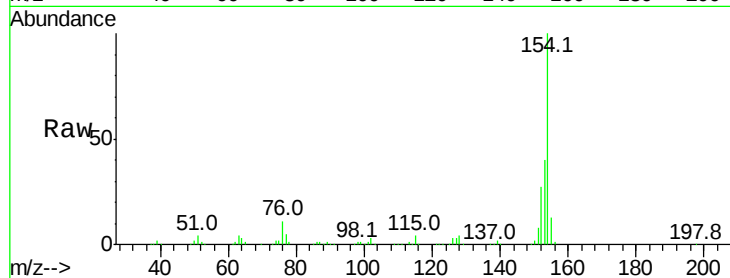
Tot Ion:154 Resp: 406838

Ion Ratio Lower Upper

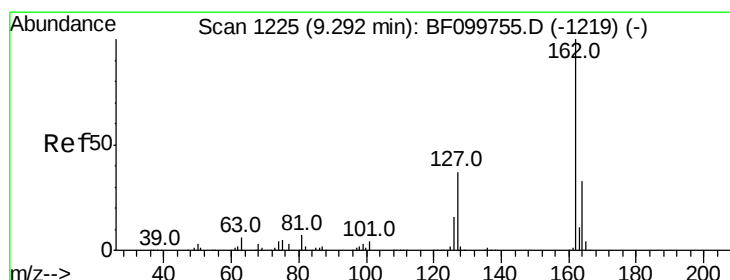
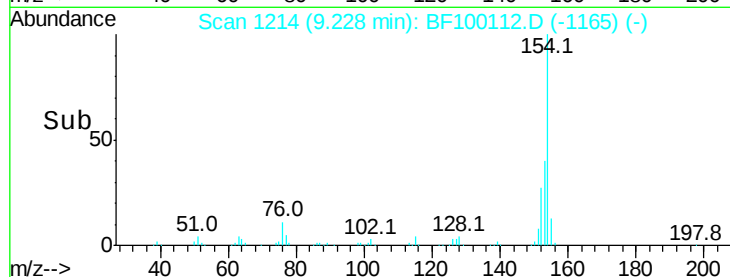
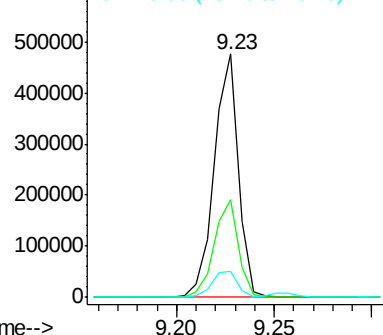
154 100

153 40.3 21.3 61.3

76 10.9 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: 34.779 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BF100112.D

Acq: 3 Nov 2017 4:33

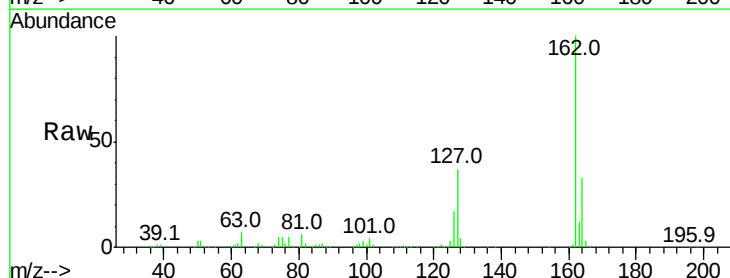
Tgt Ion:162 Resp: 316542

Ion Ratio Lower Upper

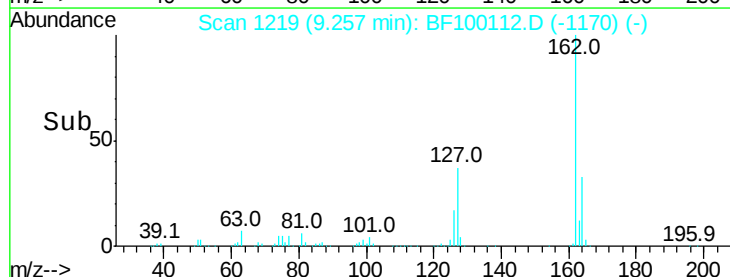
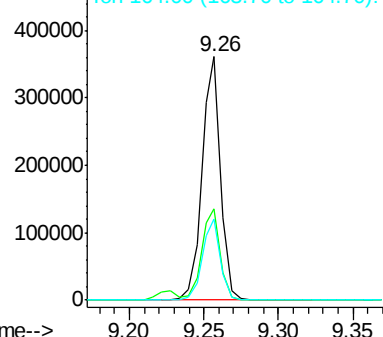
162 100

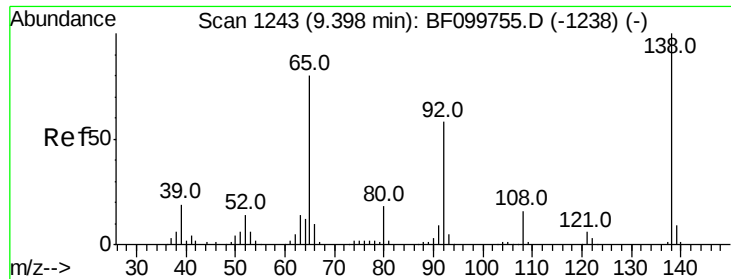
127 37.4 33.9 50.9

164 33.2 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

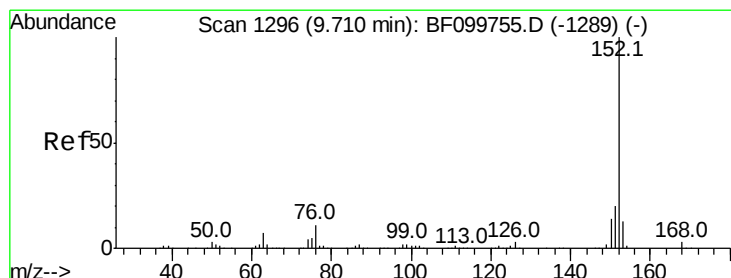
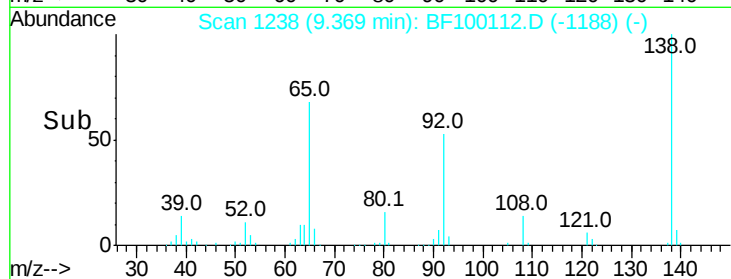
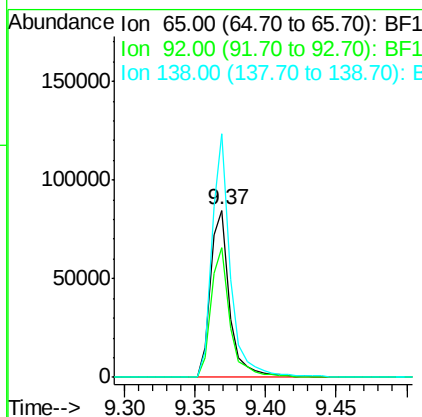
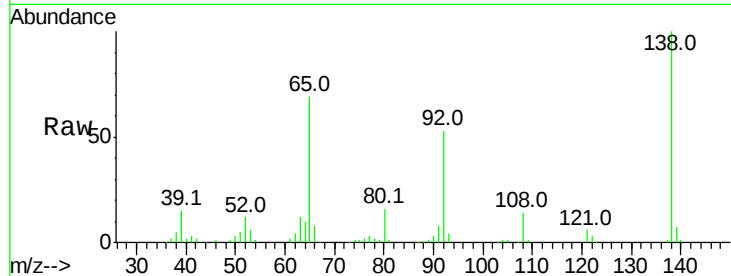




#47
2-Nitroaniline
Concen: 33.767 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF100112.D
Acq: 3 Nov 2017 4:33

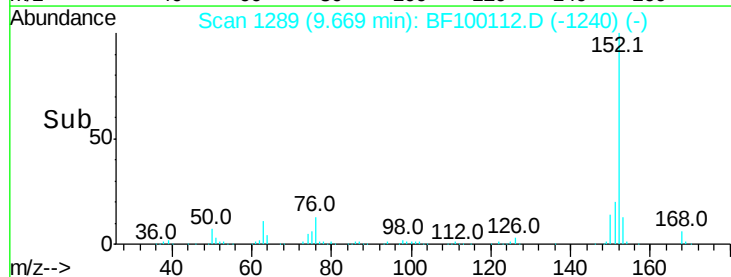
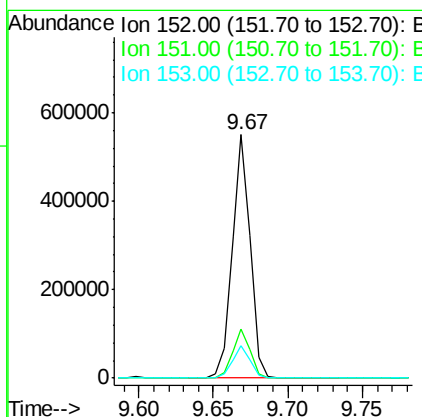
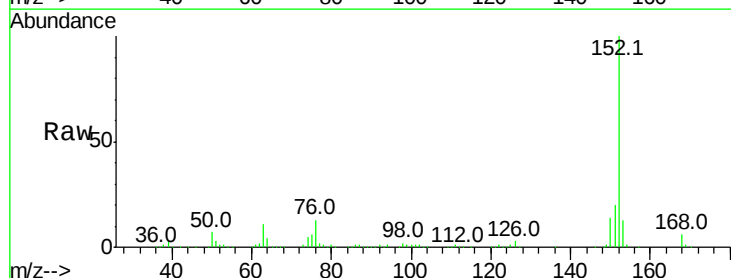
Instrument :
BNA_F
ClientSampleId :

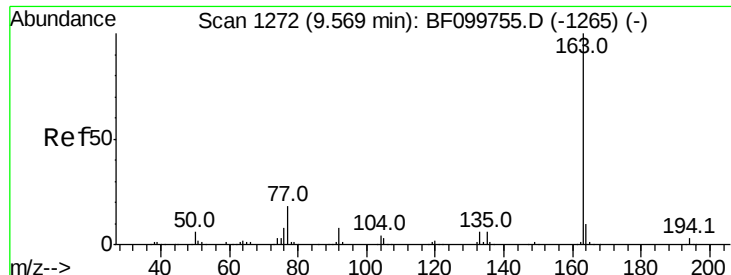
Tot Ion: 65 Resp: 80661
Ion Ratio Lower Upper
65 100
92 77.8 55.8 83.6
138 145.8 91.2 136.8#



#48
Acenaphthylene
Concen: 33.431 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF100112.D
Acq: 3 Nov 2017 4:33

Tgt Ion: 152 Resp: 468647
Ion Ratio Lower Upper
152 100
151 19.9 16.3 24.5
153 13.2 10.7 16.1





#49

Dimethylphthalate

Concen: 31.980 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF100112.D

Acq: 3 Nov 2017 4:33

Instrument :

BNA_F

ClientSampleId :

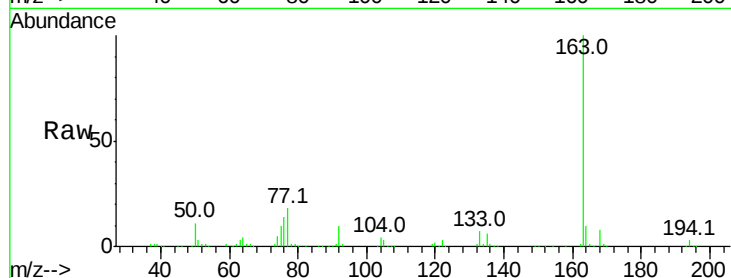
Tot Ion:163 Resp: 350846

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

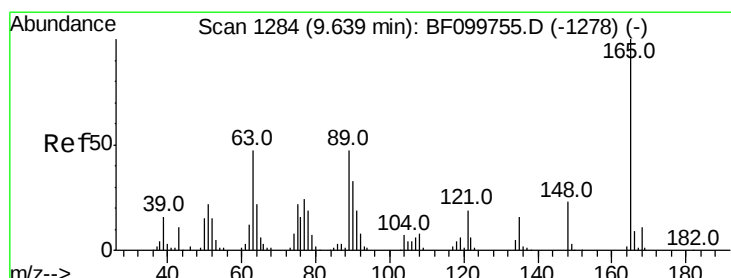
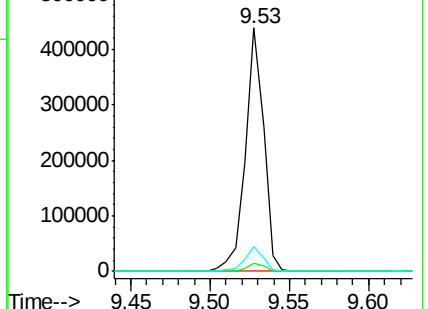
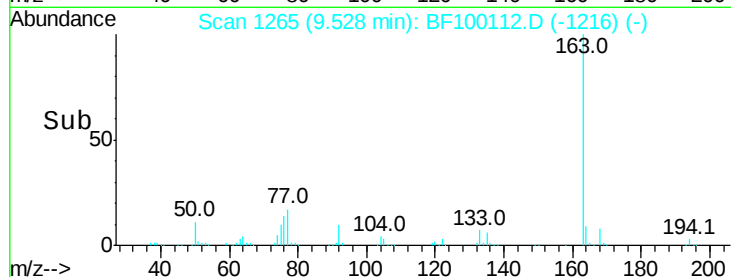
164 10.3 8.2 12.2



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: 34.054 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF100112.D

Acq: 3 Nov 2017 4:33

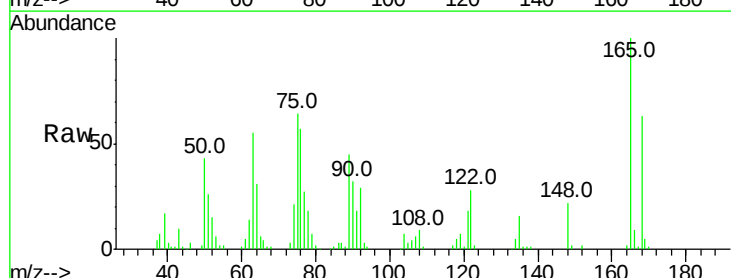
Tgt Ion:165 Resp: 78540

Ion Ratio Lower Upper

165 100

63 54.5 44.7 67.1

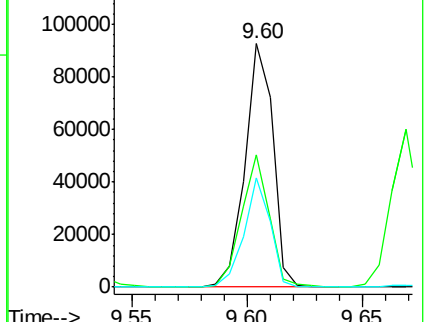
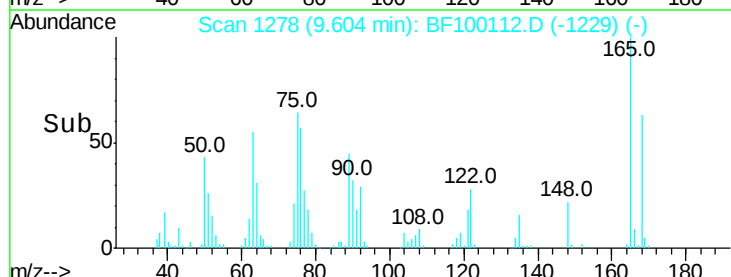
89 45.0 44.0 66.0

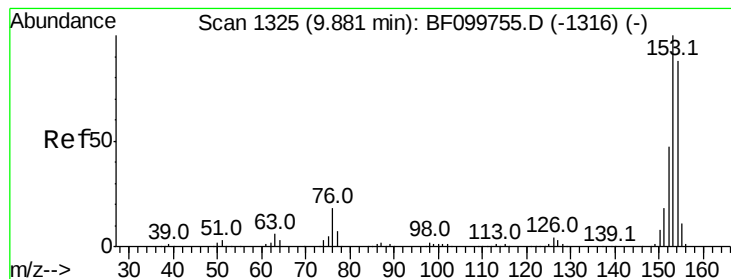


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 32.958 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF100112.D

Acq: 3 Nov 2017 4:33

Instrument :

BNA_F

ClientSampleId :

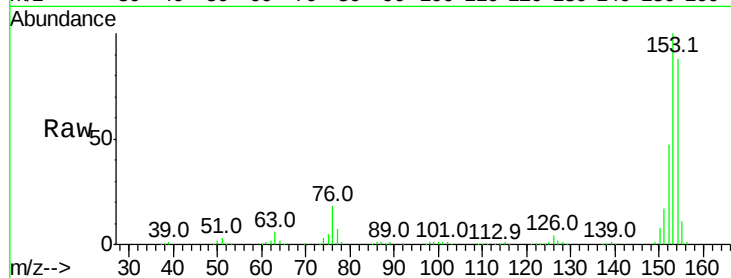
Tot Ion:154 Resp: 282303

Ion Ratio Lower Upper

154 100

153 113.3 91.2 136.8

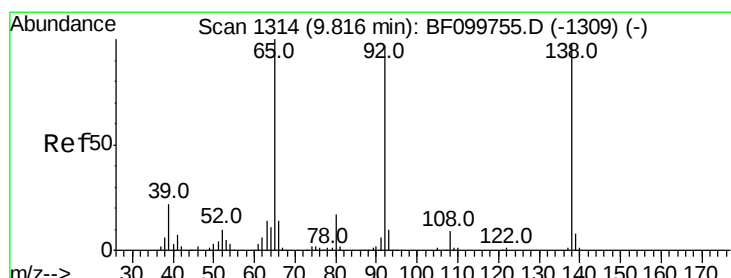
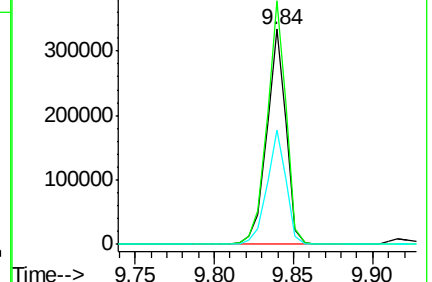
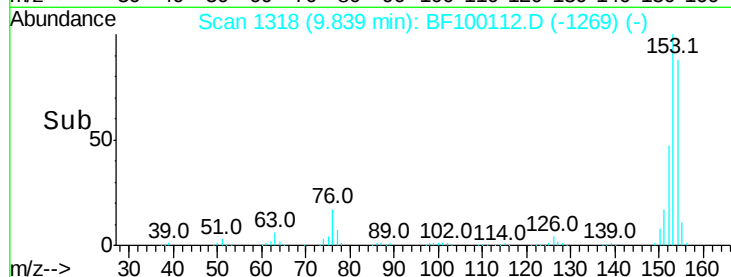
152 53.3 43.8 65.8



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: 23.785 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF100112.D

Acq: 3 Nov 2017 4:33

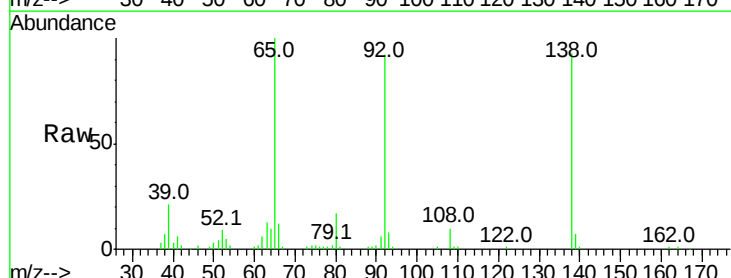
Tgt Ion:138 Resp: 64637

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

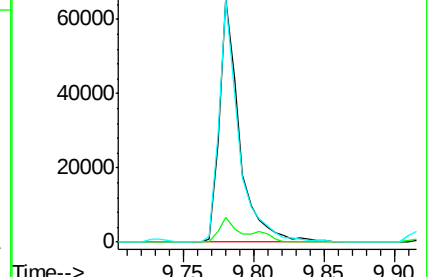
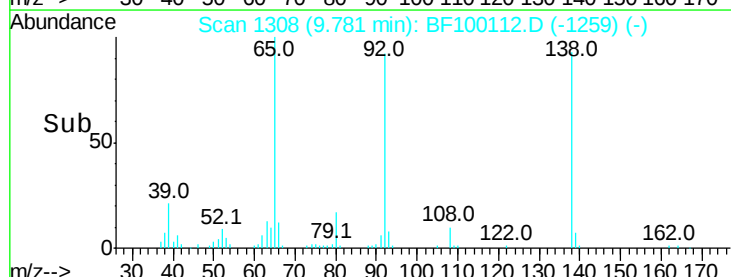
92 99.3 89.4 134.2

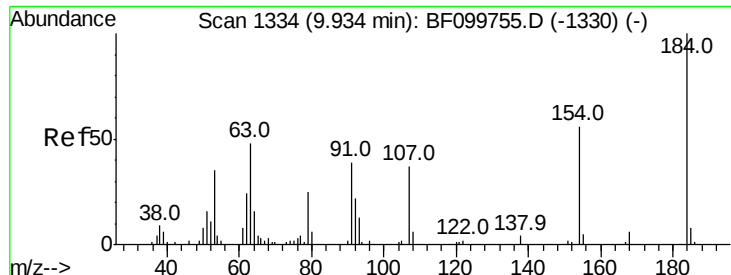


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

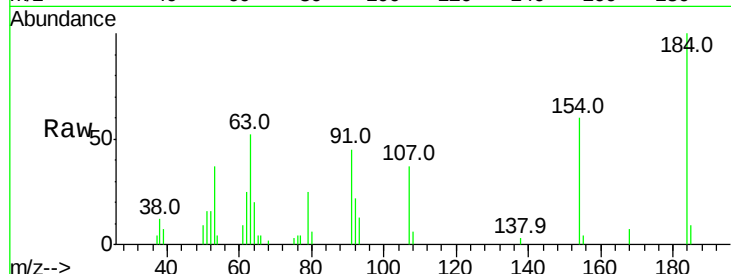




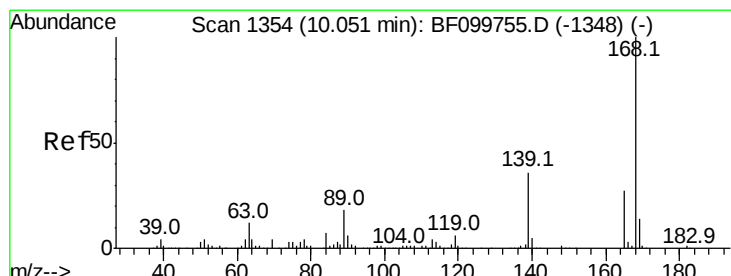
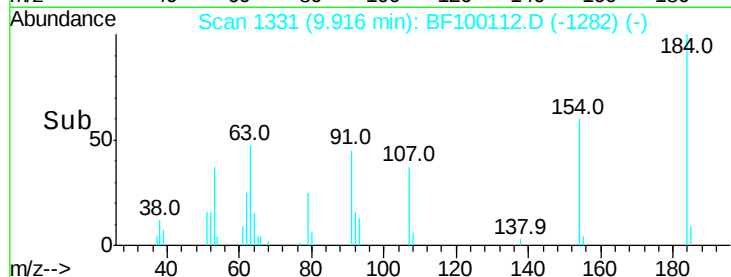
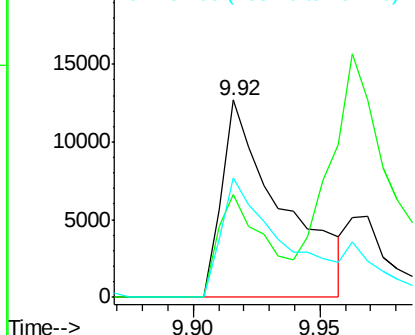
#53
 2,4-Dinitrophenol
 Concen: 26.995 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100112.D
 Acq: 3 Nov 2017 4:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 20836
 Ion Ratio Lower Upper
 184 100
 63 52.1 54.2 81.2#
 154 60.4 53.5 80.3

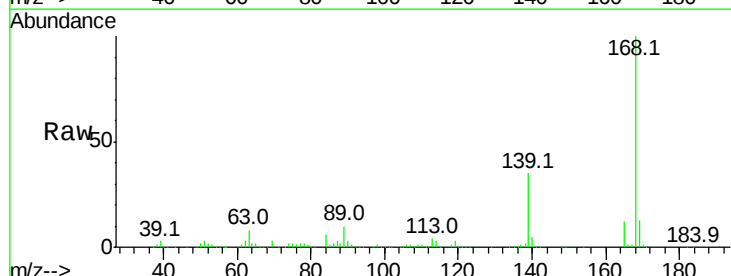


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

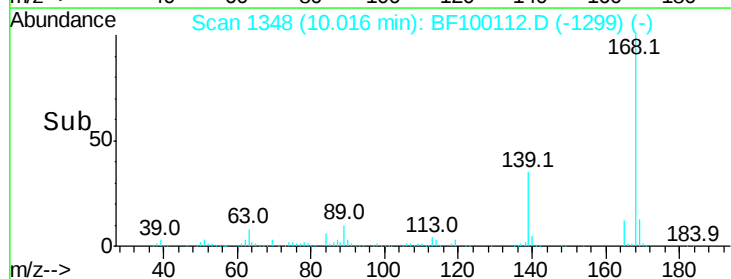
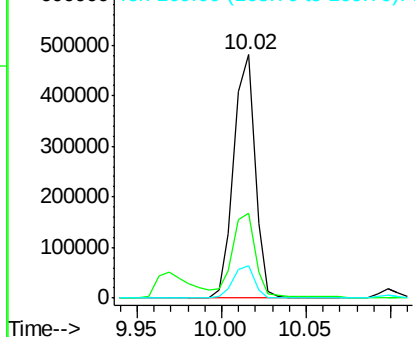


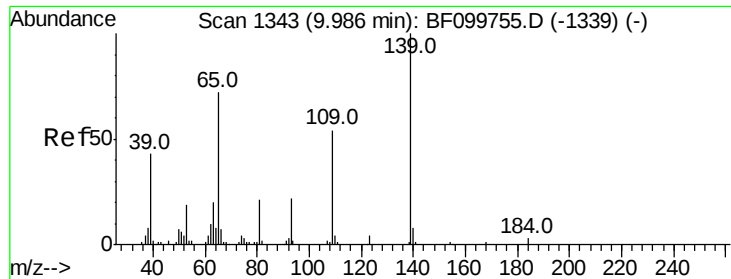
#54
 Dibenzofuran
 Concen: 35.028 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF100112.D
 Acq: 3 Nov 2017 4:33

Tgt Ion:168 Resp: 423509
 Ion Ratio Lower Upper
 168 100
 139 35.1 30.1 45.1
 169 13.1 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

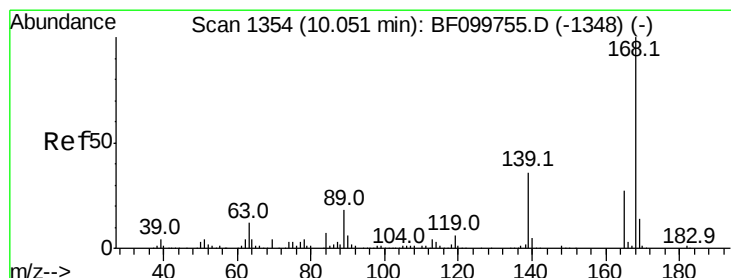
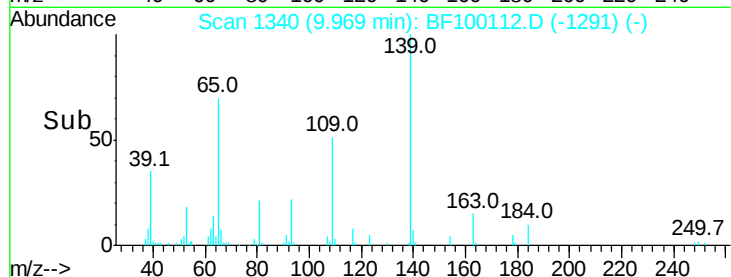
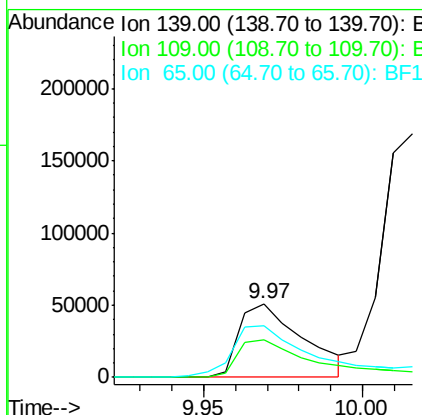
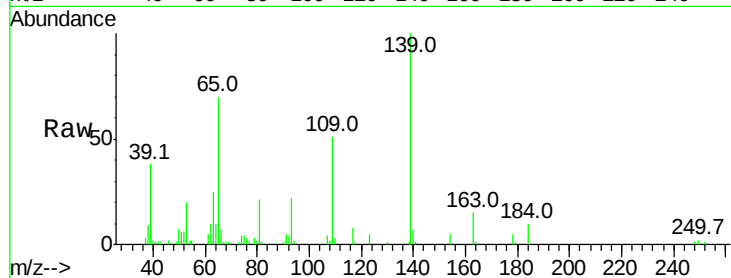




#55
4-Nitrophenol
Concen: 49.954 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF100112.D
Acq: 3 Nov 2017 4:33

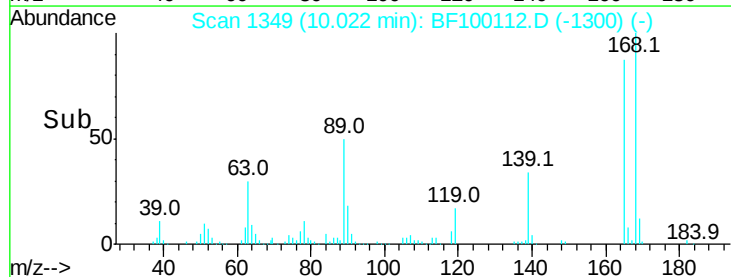
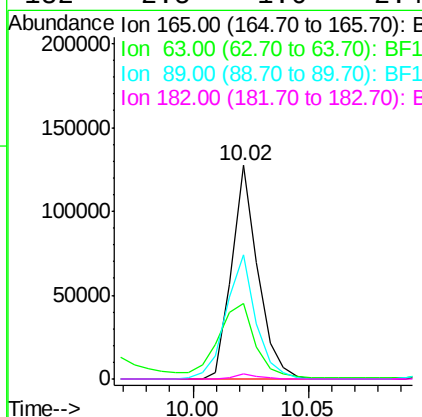
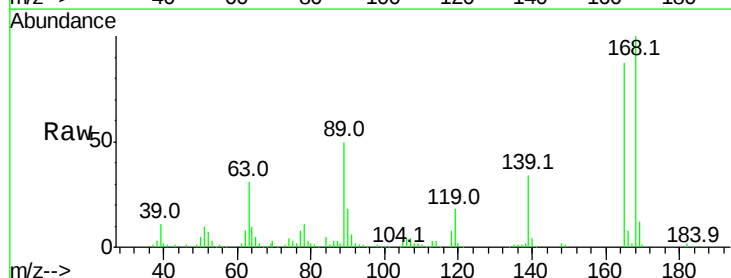
Instrument :
BNA_F
ClientSampleId :

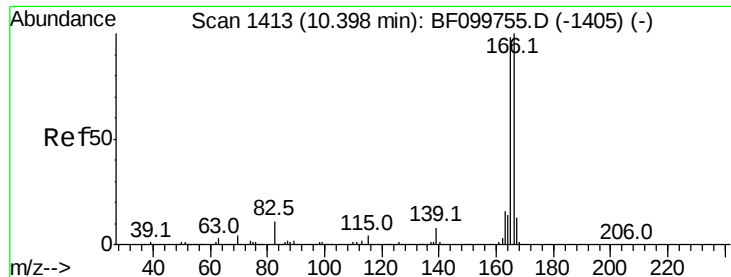
Tot Ion:139 Resp: 70930
Ion Ratio Lower Upper
139 100
109 51.1 48.4 88.4
65 70.3 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 36.420 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF100112.D
Acq: 3 Nov 2017 4:33

Tgt Ion:165 Resp: 101157
Ion Ratio Lower Upper
165 100
63 35.4 36.4 54.6#
89 58.3 57.8 86.6
182 2.5 1.6 2.4#





#57

Fluorene

Concen: 33.827 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BF100112.D

Acq: 3 Nov 2017 4:33

Instrument :

BNA_F

ClientSampleId :

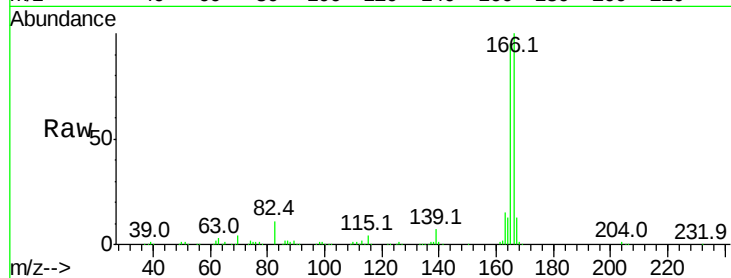
Tot Ion:166 Resp: 338634

Ion Ratio Lower Upper

166 100

165 95.2 79.8 119.8

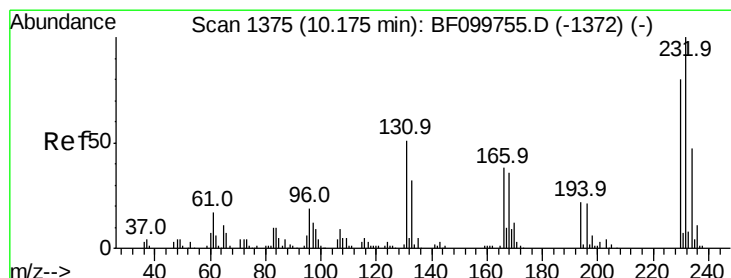
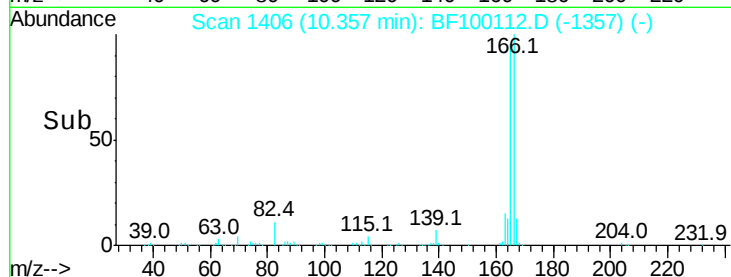
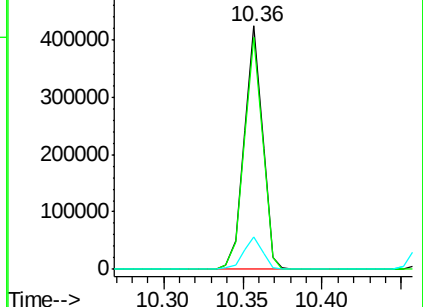
167 13.3 10.6 16.0



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: 34.763 ng

RT: 10.15 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BF100112.D

Acq: 3 Nov 2017 4:33

Tgt Ion:232 Resp: 70002

Ion Ratio Lower Upper

232 100

131 48.1 43.8 65.8

130 1.8 2.1 3.1#

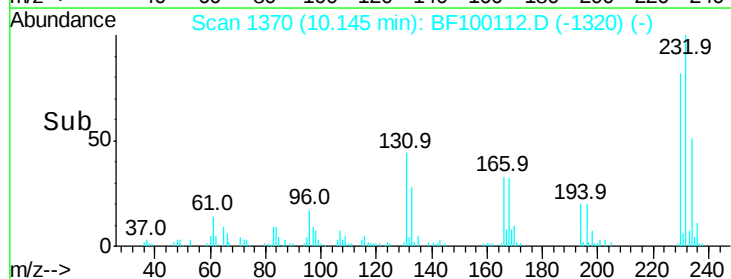
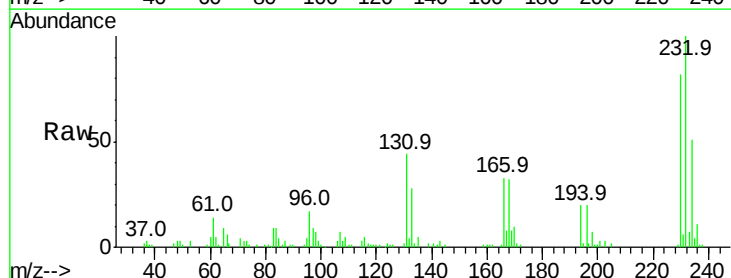
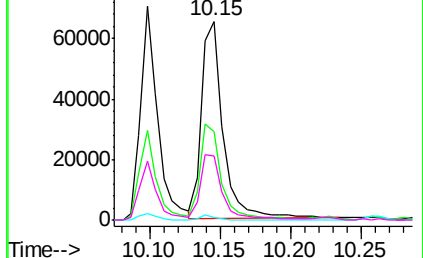
166 32.2 27.8 41.6

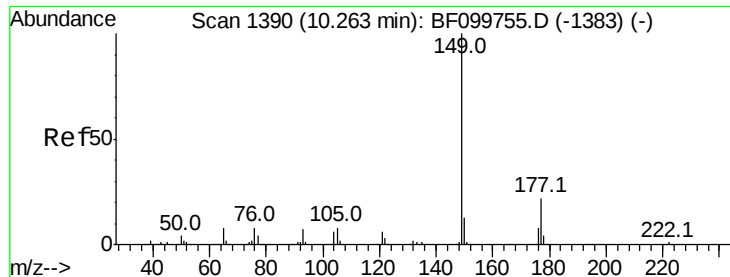
Abundance Ion 232.00 (231.70 to 232.70): E

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

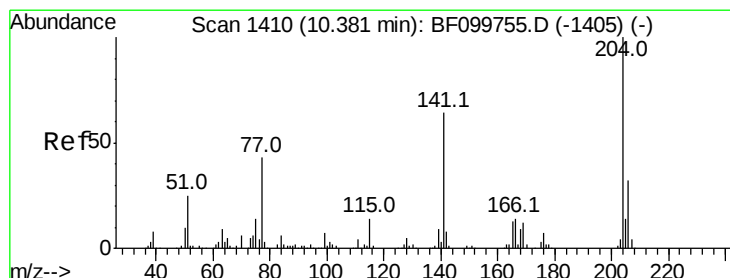
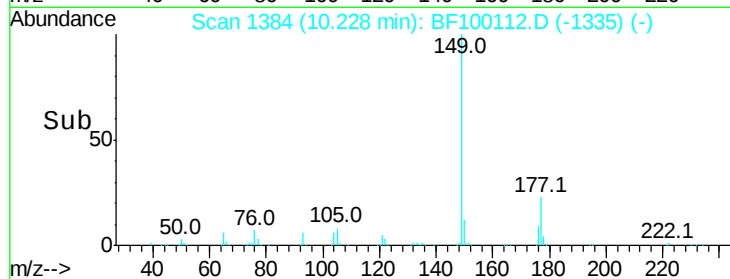
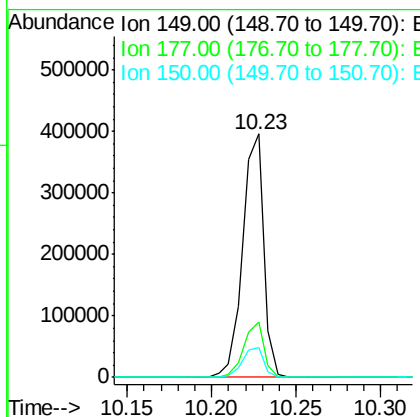
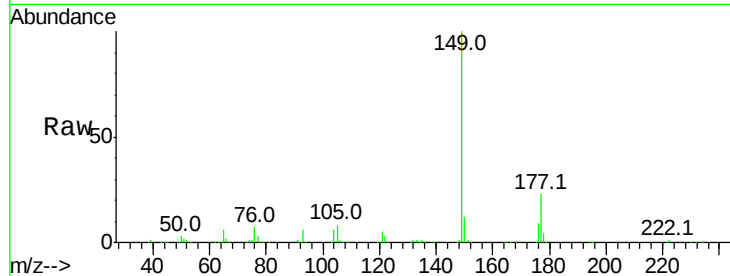




#59
Diethylphthalate
Concen: 32.276 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF100112.D
Acq: 3 Nov 2017 4:33

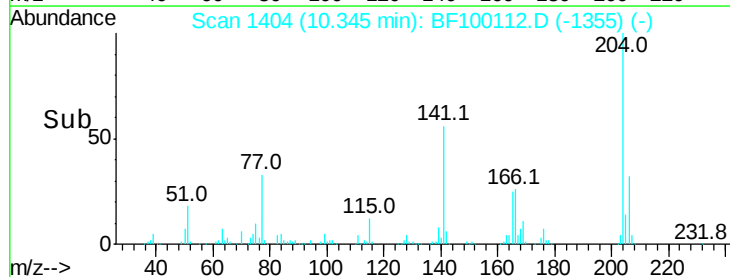
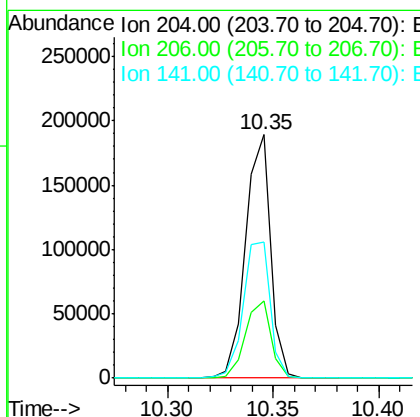
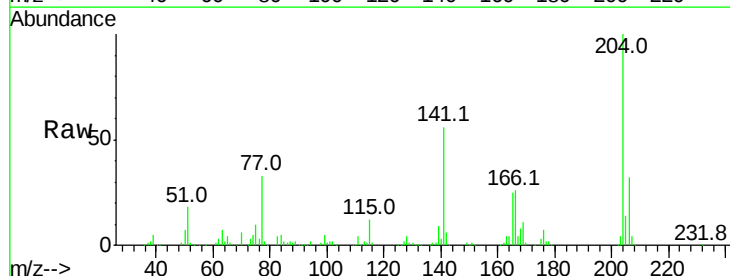
Instrument :
BNA_F
ClientSampleId :

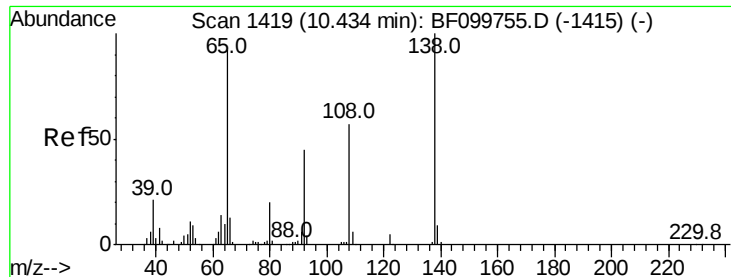
Tot Ion:149 Resp: 345786
Ion Ratio Lower Upper
149 100
177 22.9 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 33.054 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF100112.D
Acq: 3 Nov 2017 4:33

Tgt Ion:204 Resp: 155731
Ion Ratio Lower Upper
204 100
206 31.9 26.5 39.7
141 56.0 54.6 81.8

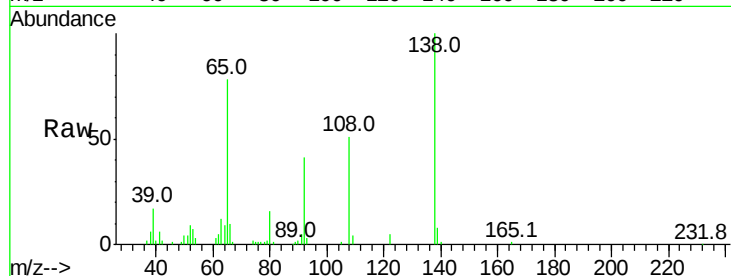




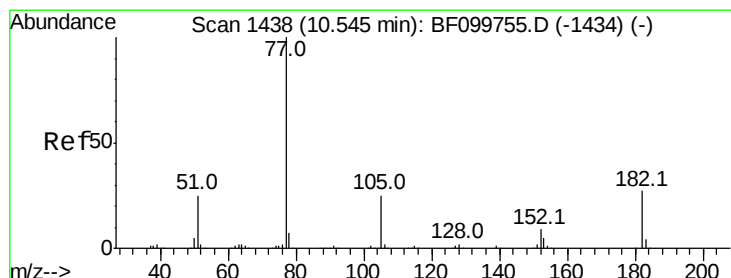
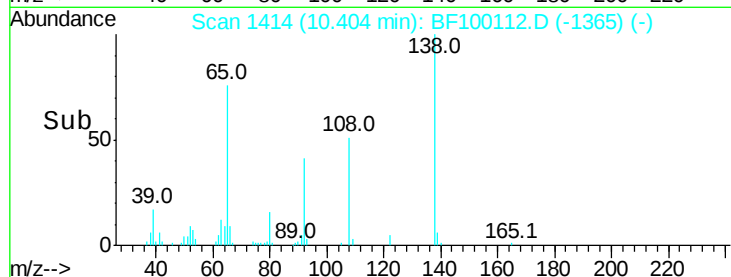
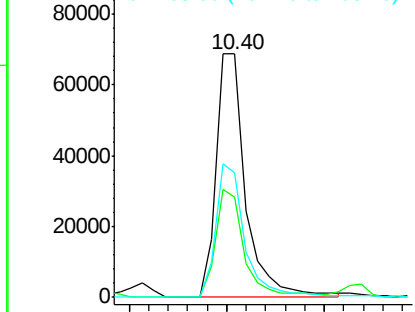
#61
4-Nitroaniline
Concen: 27.899 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF100112.D
Acq: 3 Nov 2017 4:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 72335
Ion Ratio Lower Upper
138 100
92 40.9 30.2 70.2
108 51.3 52.5 92.5#

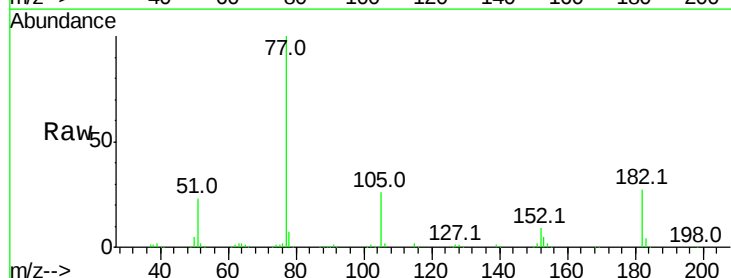


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

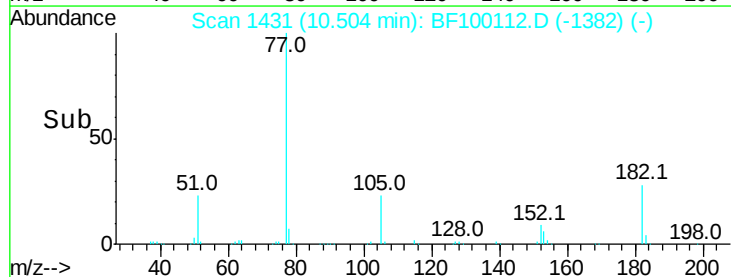
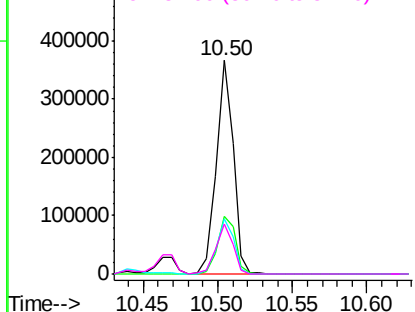


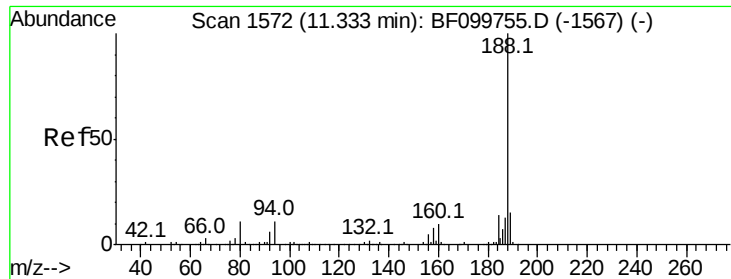
#62
Azobenzene
Concen: 32.490 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF100112.D
Acq: 3 Nov 2017 4:33

Tgt Ion: 77 Resp: 291791
Ion Ratio Lower Upper
77 100
182 27.2 1.7 41.7
105 25.5 3.0 43.0
51 23.2 9.9 49.9



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

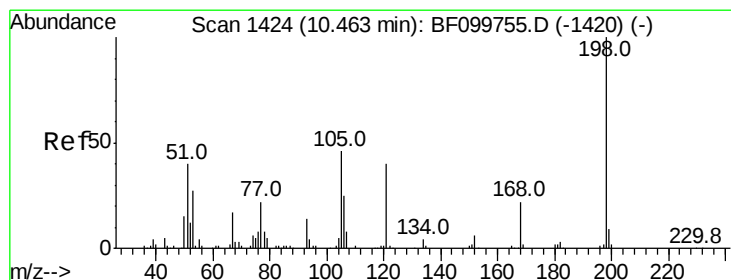
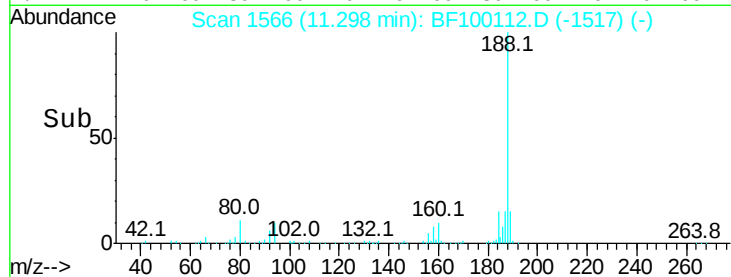
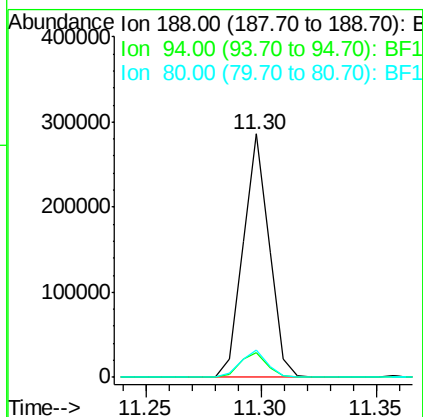
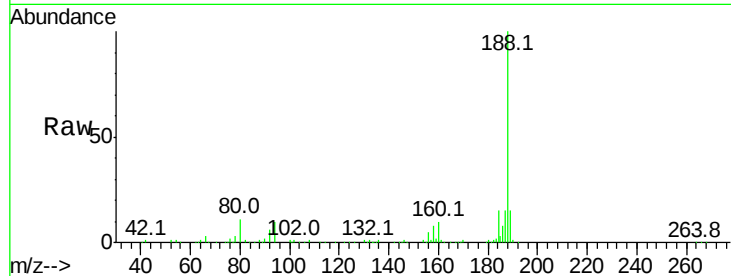




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF100112.D
Acq: 3 Nov 2017 4:33

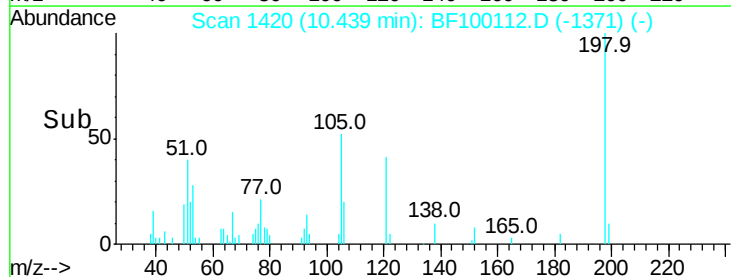
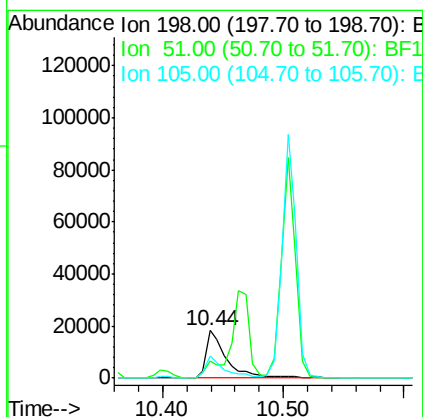
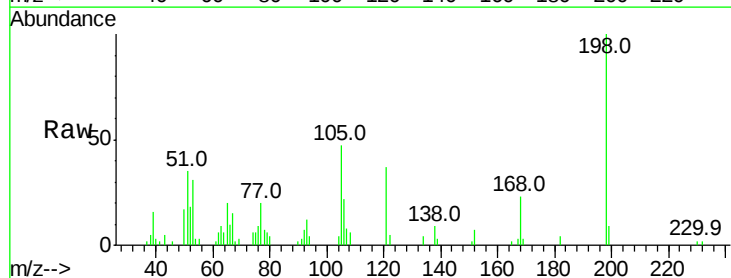
Instrument :
BNA_F
ClientSampleId :

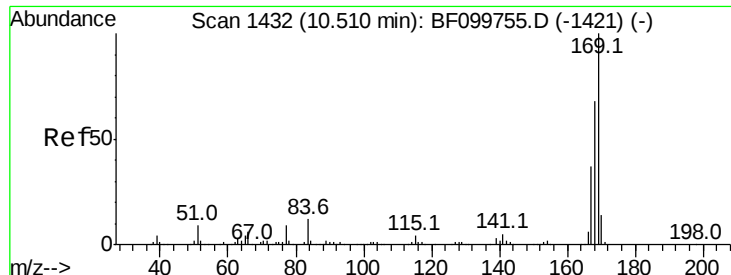
Tot Ion:188 Resp: 226006
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 11.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 15.385 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF100112.D
Acq: 3 Nov 2017 4:33

Tgt Ion:198 Resp: 21857
Ion Ratio Lower Upper
198 100
51 35.4 37.7 77.7#
105 46.7 36.3 76.3

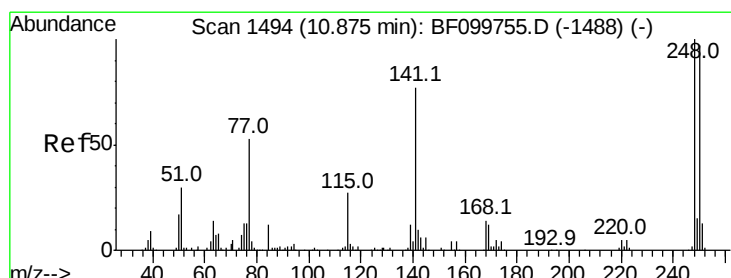
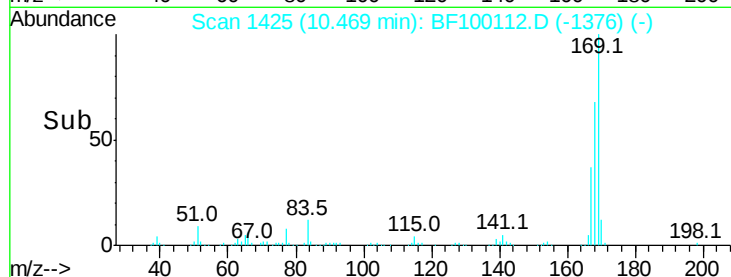
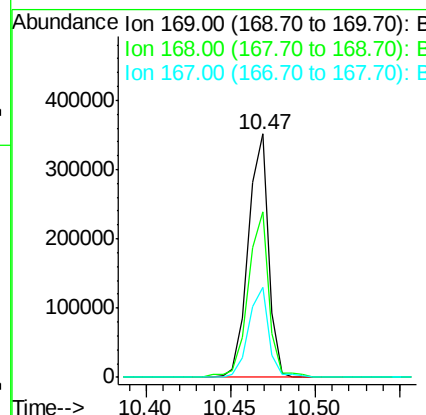
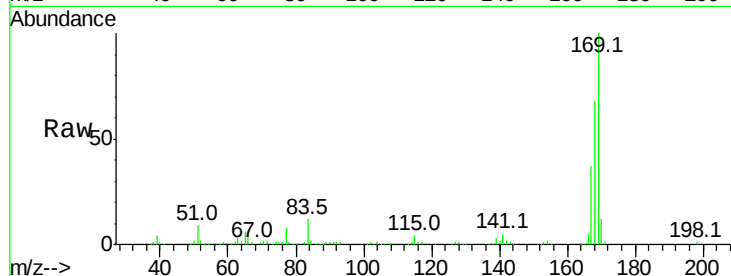




#65
 n-Nitrosodiphenylamine
 Concen: 35.486 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF100112.D
 Acq: 3 Nov 2017 4:33

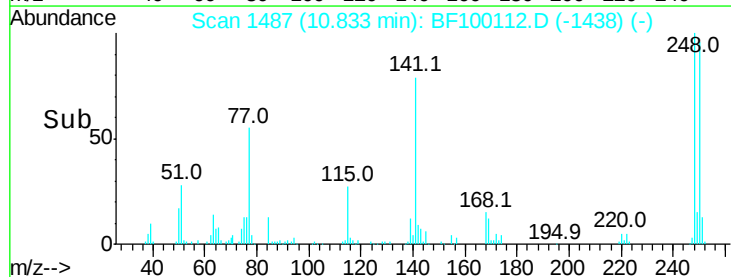
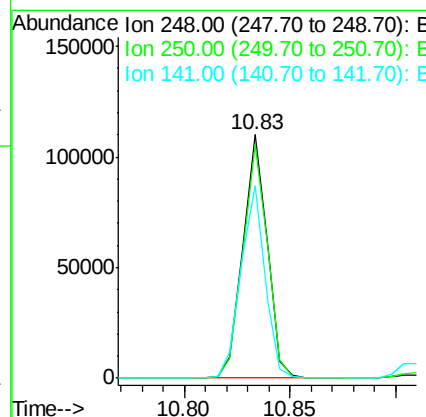
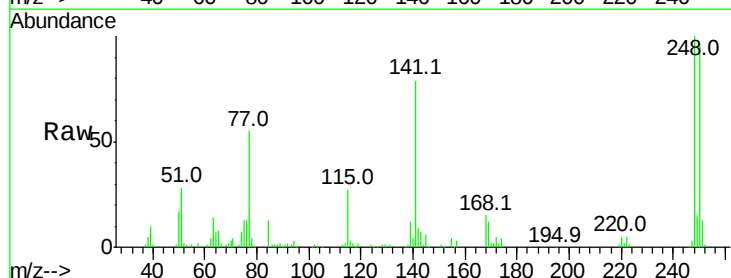
Instrument :
 BNA_F
 ClientSampleId :

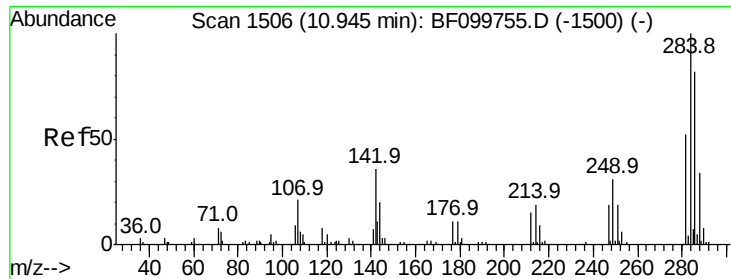
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.8	54.4	81.6
167	36.8	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 36.608 ng
 RT: 10.83 min Scan# 1487
 Delta R.T. -0.01 min
 Lab File: BF100112.D
 Acq: 3 Nov 2017 4:33

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.9	76.9	115.3
141	79.3	74.4	111.6

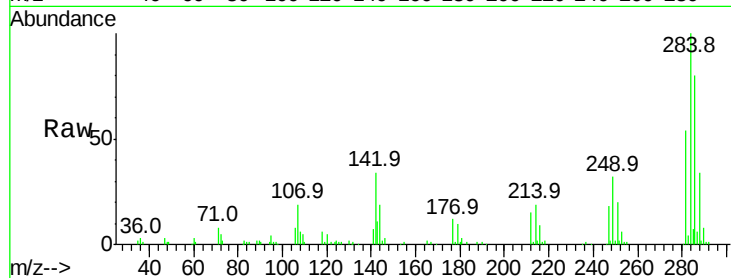




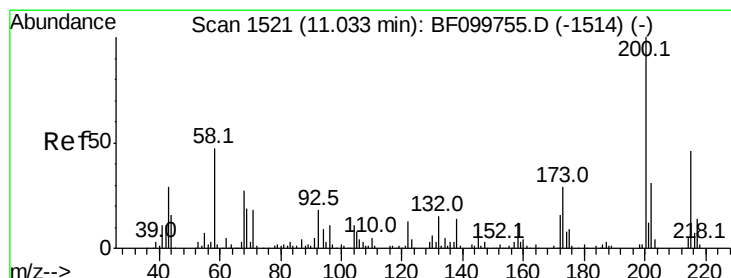
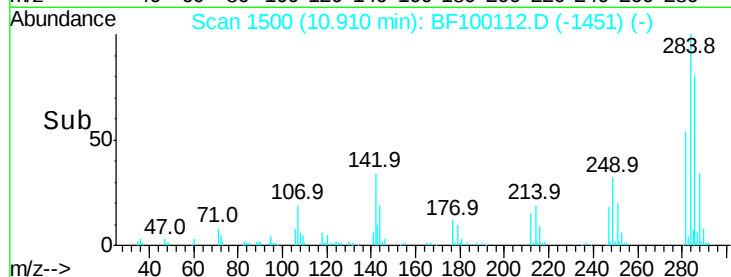
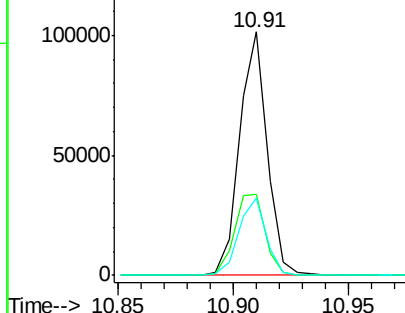
#67
Hexachlorobenzene
Concen: 34.617 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF100112.D
Acq: 3 Nov 2017 4:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 84264
Ion Ratio Lower Upper
284 100
142 33.5 34.6 52.0#
249 31.8 24.8 37.2

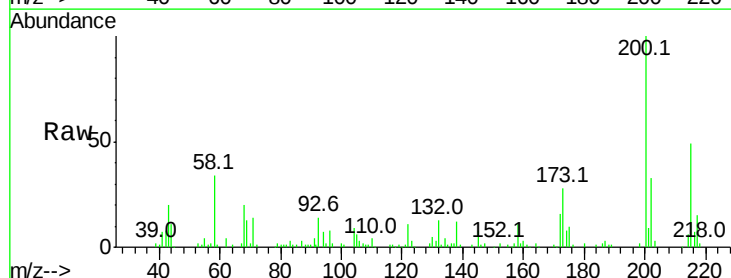


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

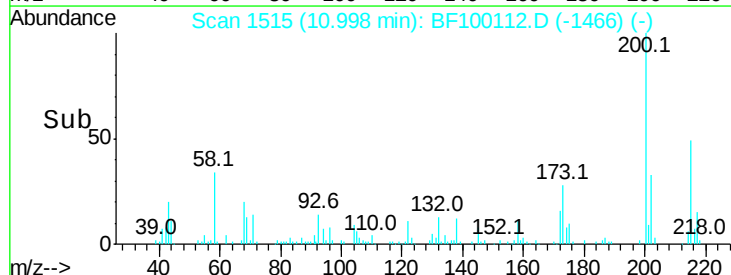
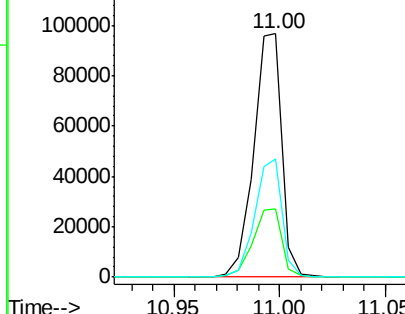


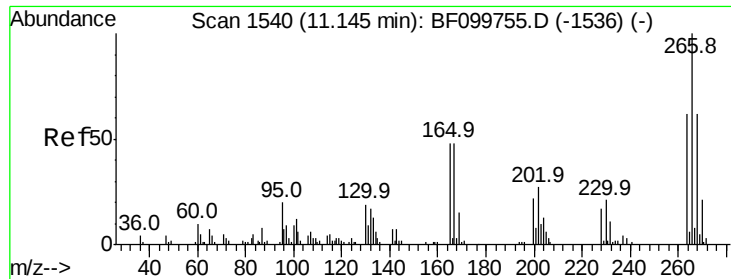
#68
Atrazine
Concen: 35.773 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF100112.D
Acq: 3 Nov 2017 4:33

Tgt Ion:200 Resp: 89650
Ion Ratio Lower Upper
200 100
173 27.9 8.6 48.6
215 48.7 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

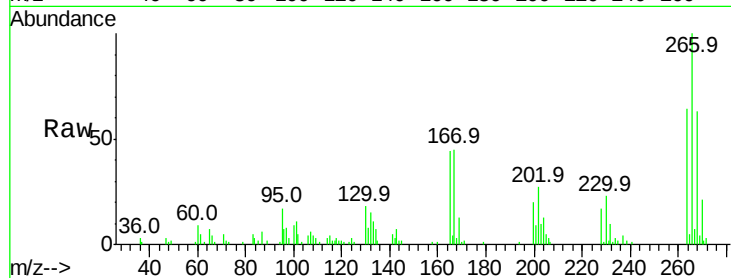




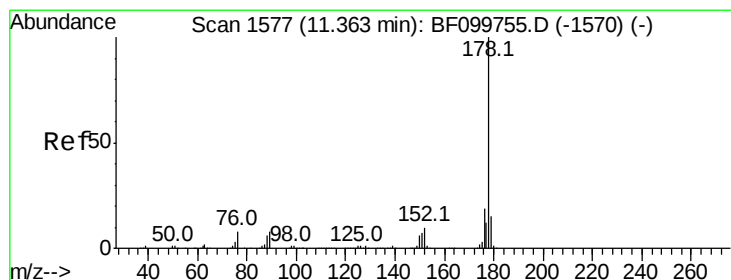
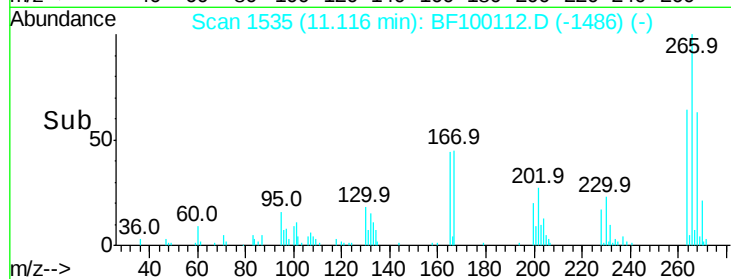
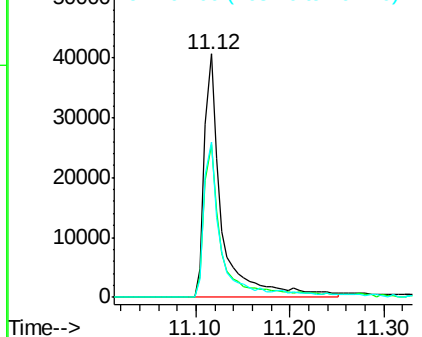
#69
 Pentachlorophenol
 Concen: 51.133 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BF100112.D
 Acq: 3 Nov 2017 4:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 53184
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.1 76.7
 264 63.6 49.5 74.3

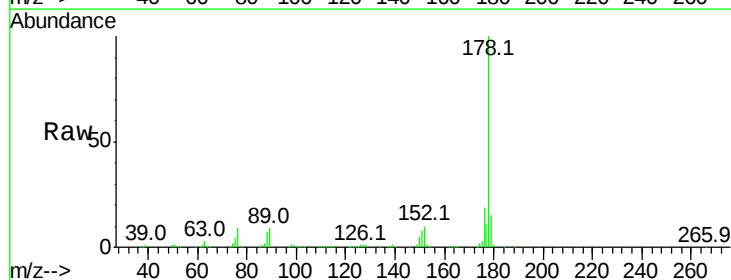


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

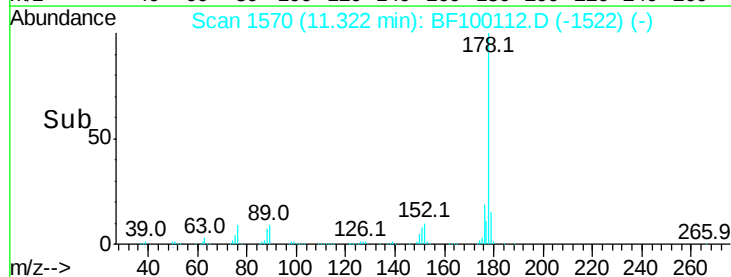
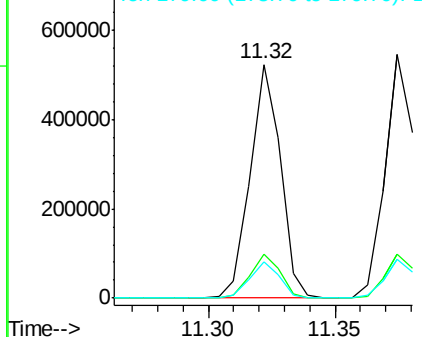


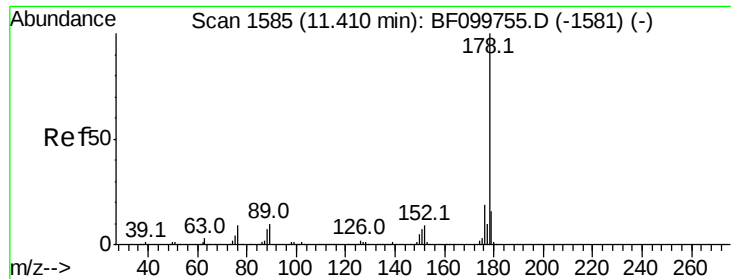
#70
 Phenanthrene
 Concen: 34.295 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF100112.D
 Acq: 3 Nov 2017 4:33

Tgt Ion:178 Resp: 437413
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.4 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

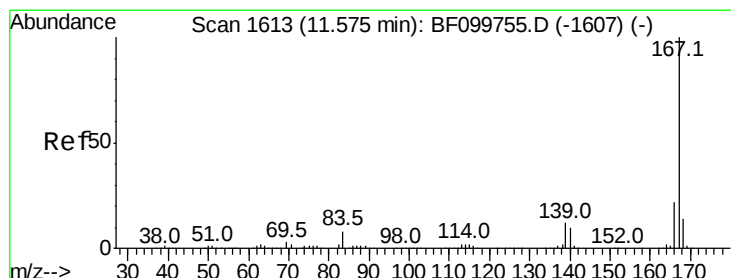
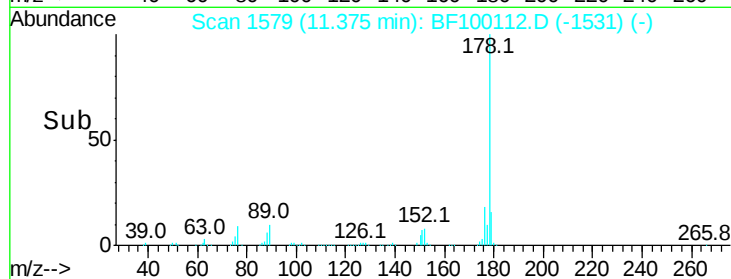
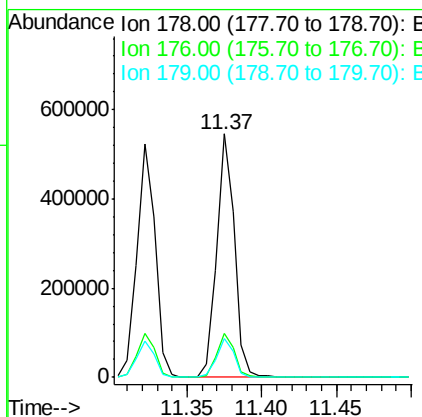
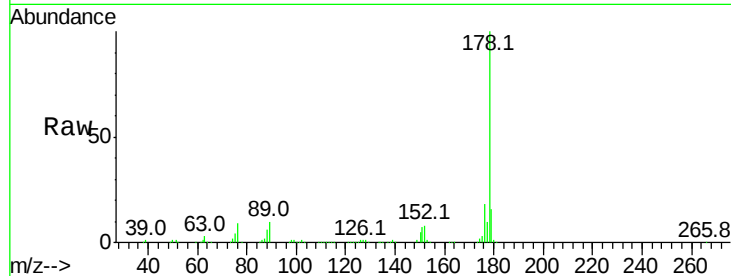




#71
 Anthracene
 Concen: 35.118 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.02 min
 Lab File: BF100112.D
 Acq: 3 Nov 2017 4:33

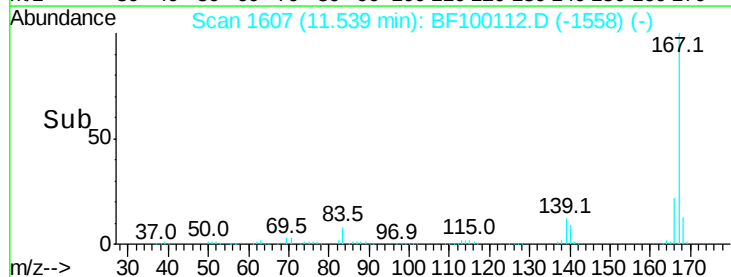
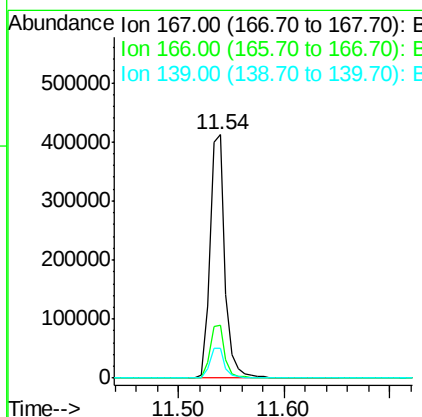
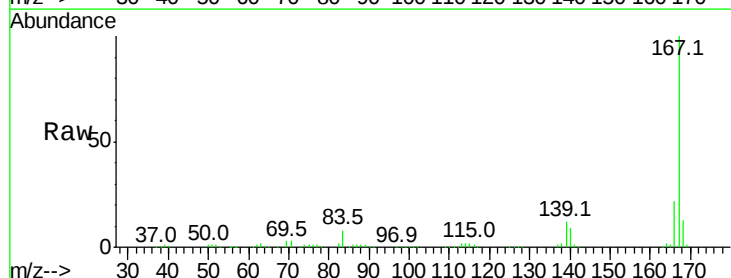
Instrument :
 BNA_F
 ClientSampleId :

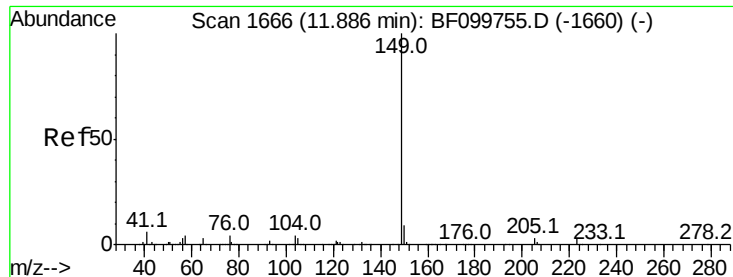
Tot Ion:178 Resp: 454663
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 33.660 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF100112.D
 Acq: 3 Nov 2017 4:33

Tgt Ion:167 Resp: 409805
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 12.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 34.484 ng

RT: 11.85 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BF100112.D

Acq: 3 Nov 2017 4:33

Instrument :

BNA_F

ClientSampleId :

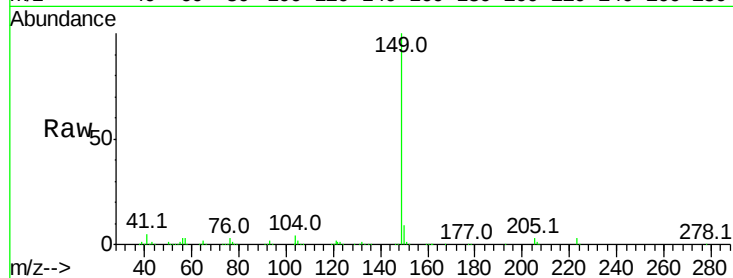
Tot Ion:149 Resp: 535496

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

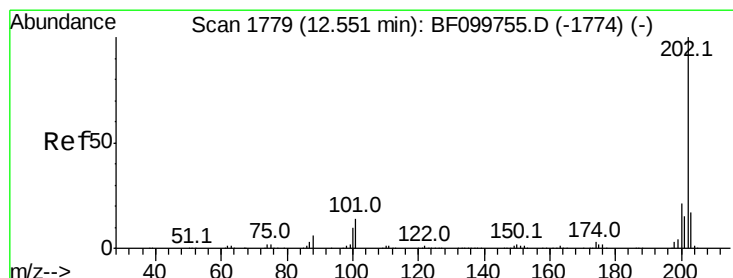
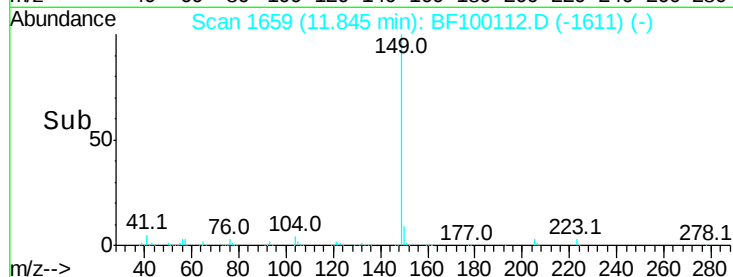
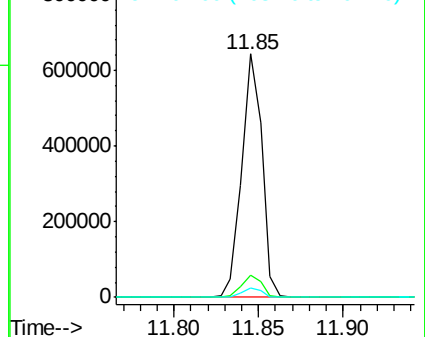
104 3.8 3.8 5.8#



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: 29.373 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.02 min

Lab File: BF100112.D

Acq: 3 Nov 2017 4:33

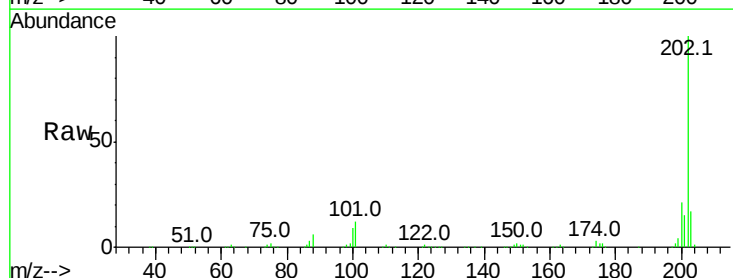
Tgt Ion:202 Resp: 389333

Ion Ratio Lower Upper

202 100

101 12.5 0.0 34.1

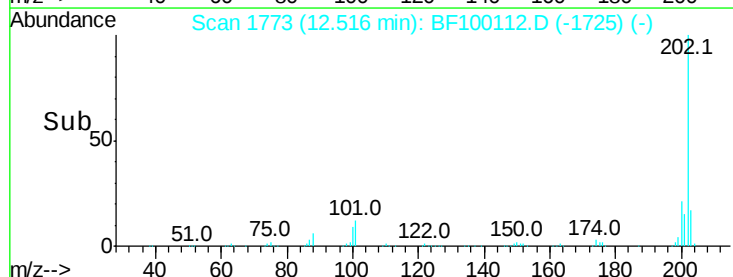
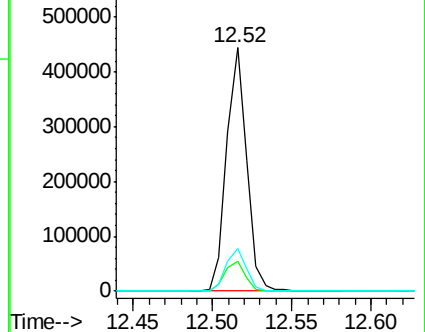
203 17.4 0.0 38.1

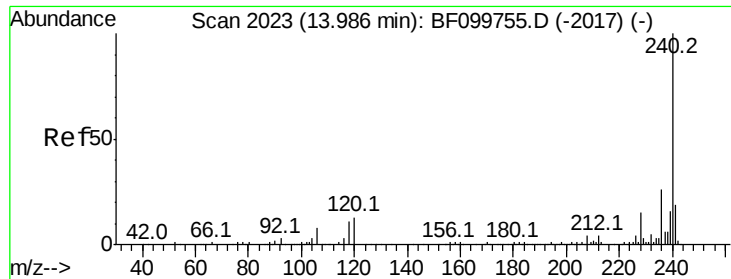


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

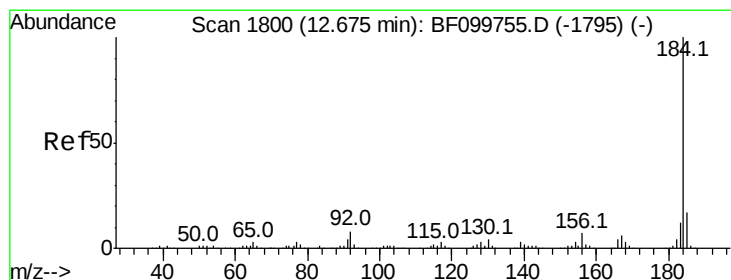
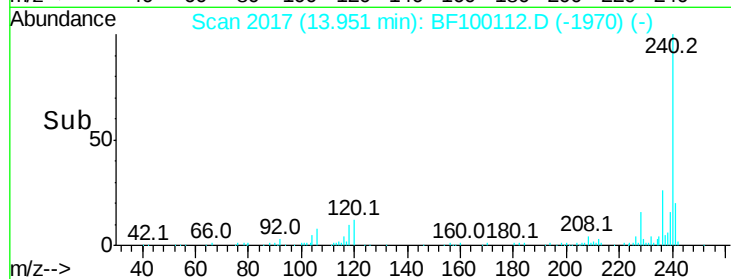
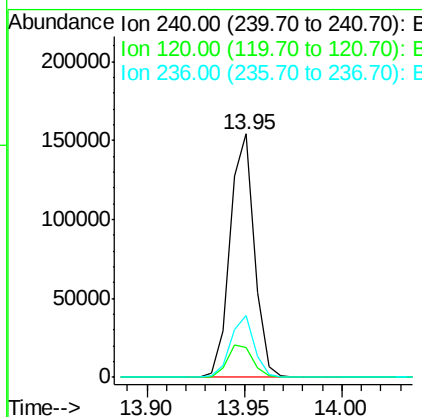
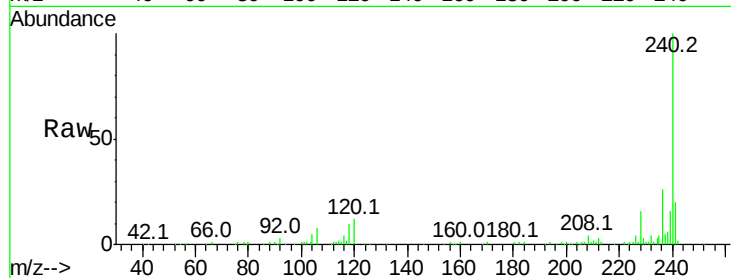




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.02 min
 Lab File: BF100112.D
 Acq: 3 Nov 2017 4:33

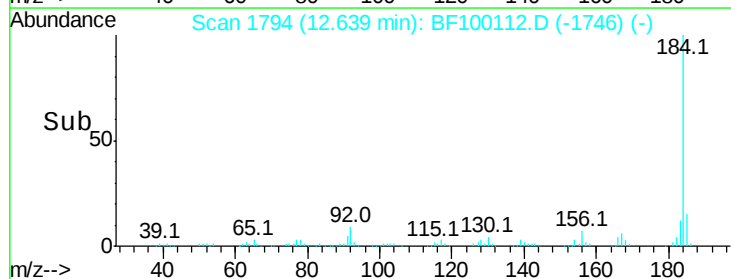
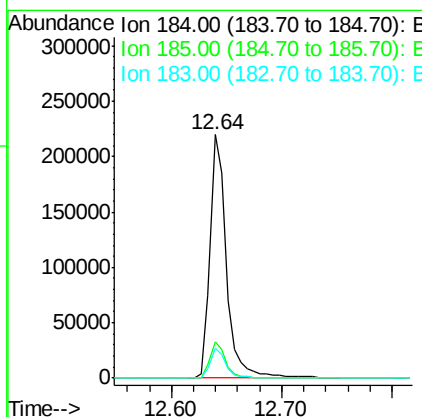
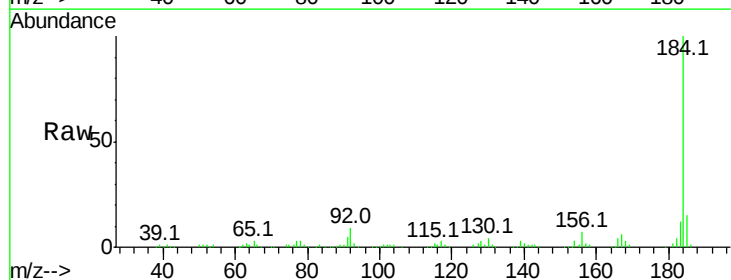
Instrument :
 BNA_F
 ClientSampleId :

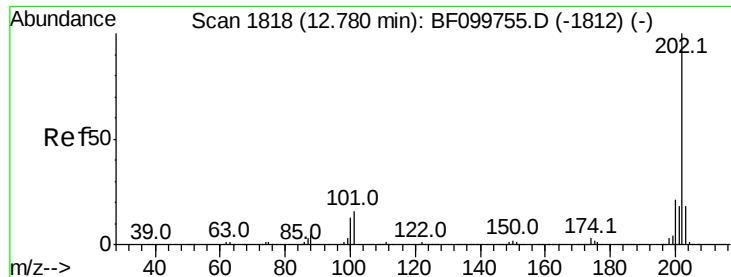
Tot Ion:240 Resp: 133043
 Ion Ratio Lower Upper
 240 100
 120 12.3 9.5 14.3
 236 25.5 20.7 31.1



#76
 Benzidine
 Concen: 38.376 ng
 RT: 12.64 min Scan# 1794
 Delta R.T. -0.02 min
 Lab File: BF100112.D
 Acq: 3 Nov 2017 4:33

Tgt Ion:184 Resp: 223411
 Ion Ratio Lower Upper
 184 100
 185 14.8 12.6 18.8
 183 12.5 9.3 13.9

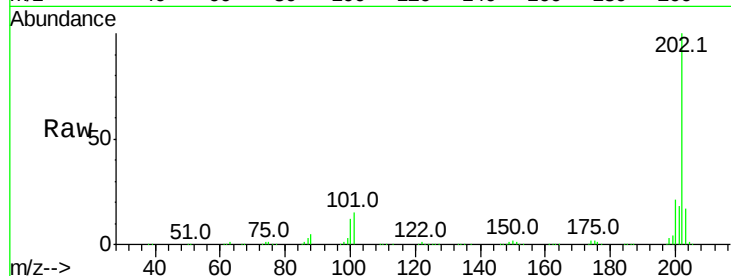




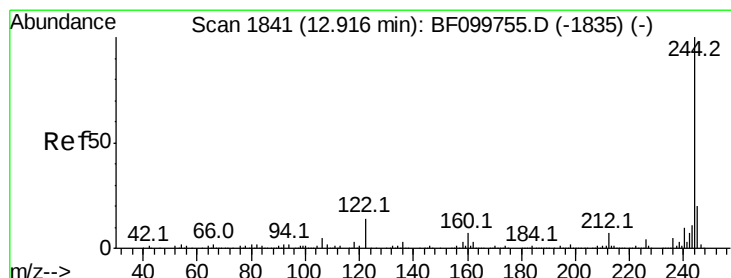
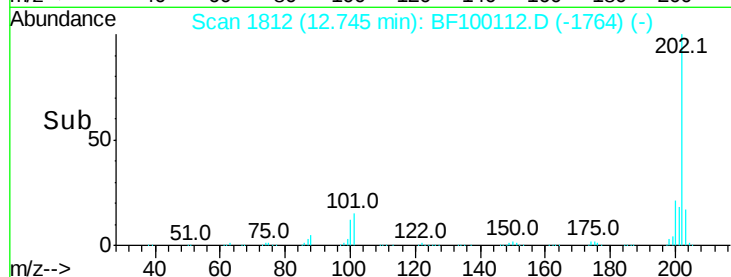
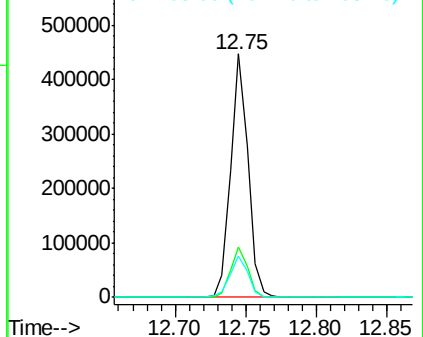
#77
Pvrene
Concen: 37.846 ng
RT: 12.75 min Scan# 1812
Delta R.T. -0.02 min
Lab File: BF100112.D
Acq: 3 Nov 2017 4:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 382872
Ion Ratio Lower Upper
202 100
200 20.7 17.4 26.2
203 17.1 14.3 21.5

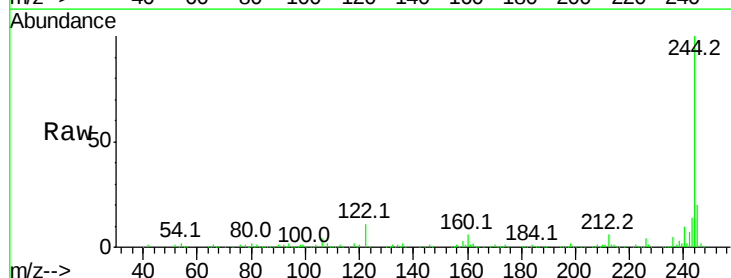


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

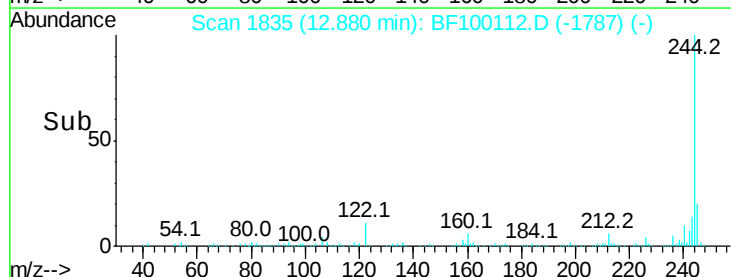
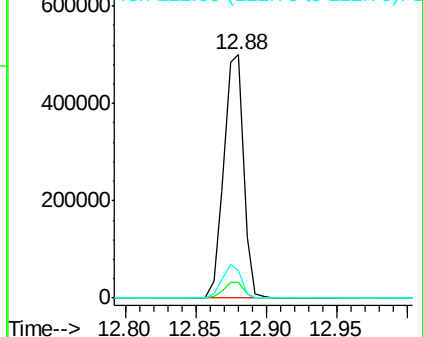


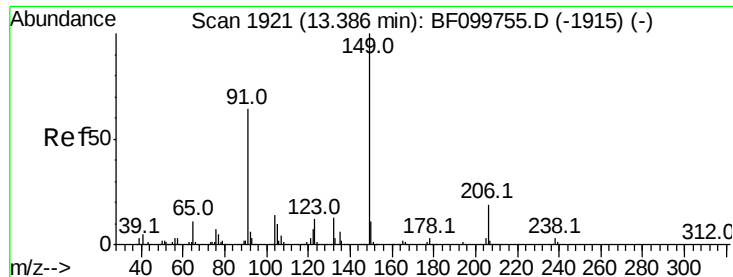
#78
Terphenyl-d14
Concen: 80.155 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BF100112.D
Acq: 3 Nov 2017 4:33

Tgt Ion:244 Resp: 487975
Ion Ratio Lower Upper
244 100
212 6.3 5.4 8.0
122 11.4 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

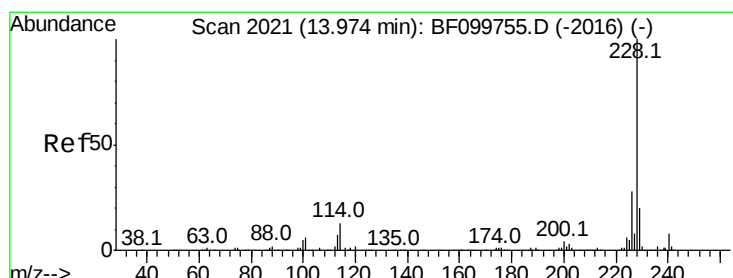
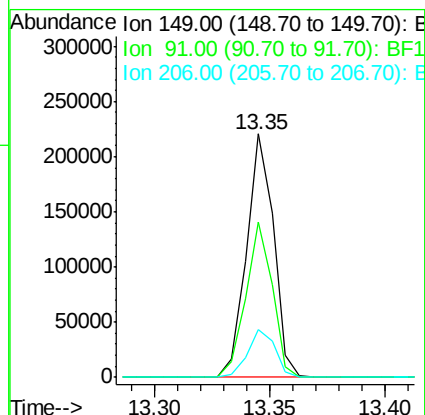
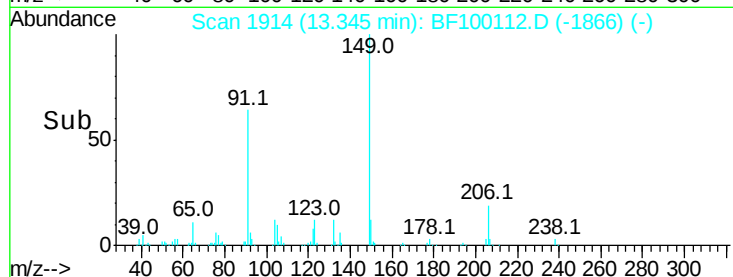
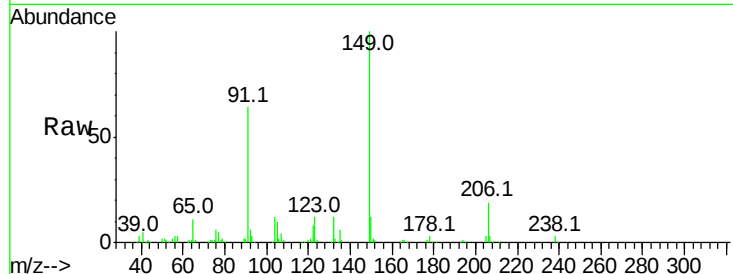




#79
Butylbenzylphthalate
Concen: 36.405 ng
RT: 13.35 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BF100112.D
Acq: 3 Nov 2017 4:33

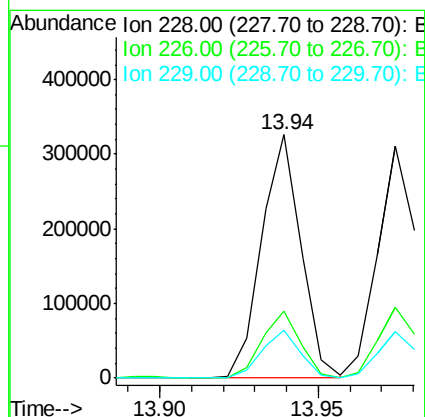
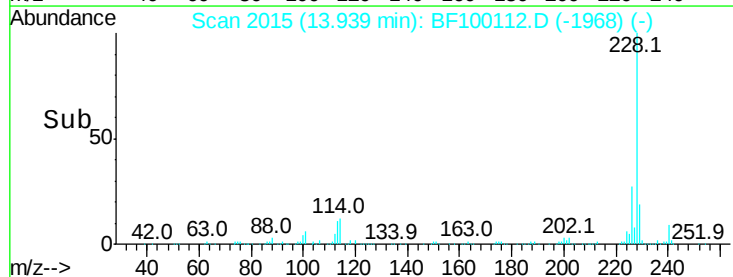
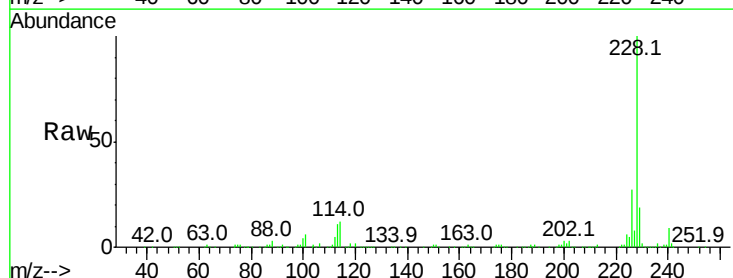
Instrument :
BNA_F
ClientSampleId :

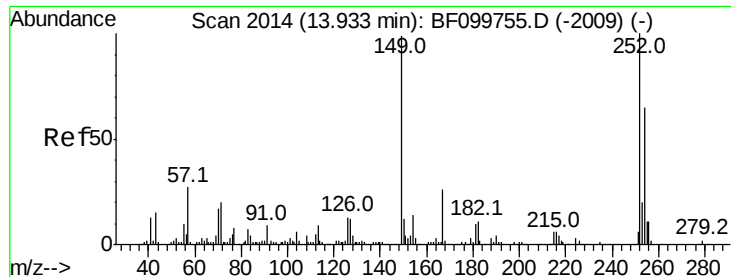
Tot Ion:149 Resp: 181357
Ion Ratio Lower Upper
149 100
91 63.6 56.8 85.2
206 19.4 14.1 21.1



#80
Benzo(a)anthracene
Concen: 33.414 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BF100112.D
Acq: 3 Nov 2017 4:33

Tgt Ion:228 Resp: 281812
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 19.5 15.8 23.6

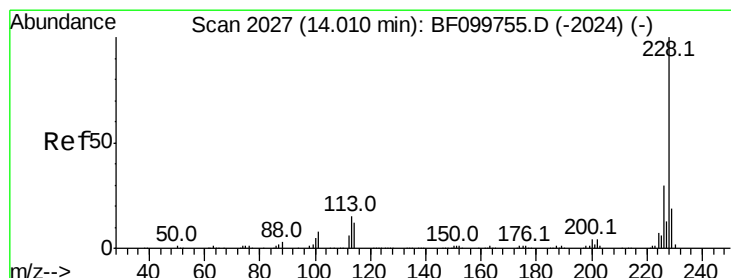
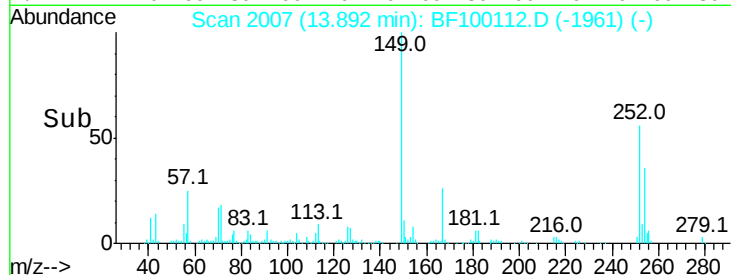
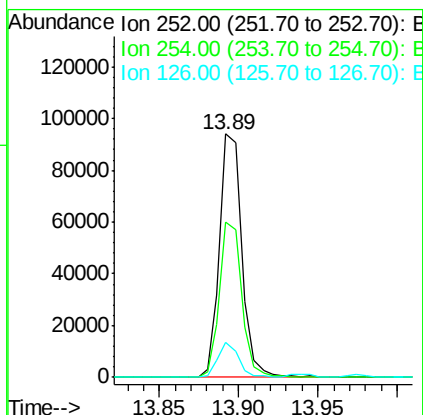
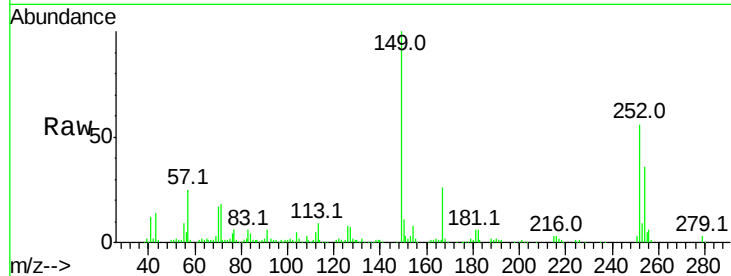




#81
 3,3'-Dichlorobenzidine
 Concen: 30.281 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.03 min
 Lab File: BF100112.D
 Acq: 3 Nov 2017 4:33

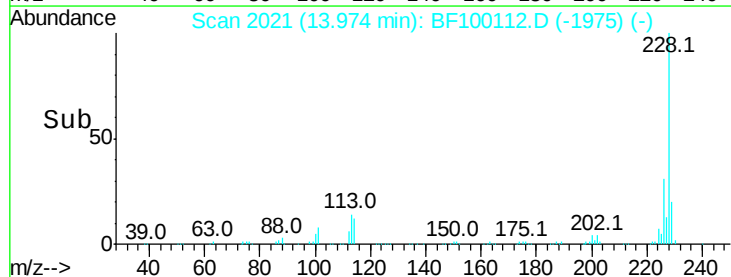
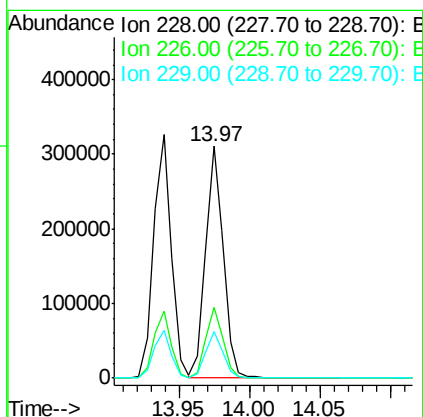
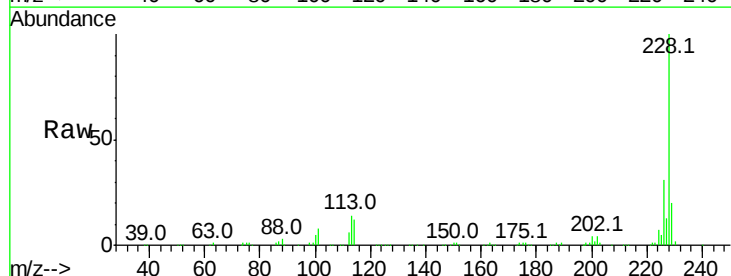
Instrument :
 BNA_F
 ClientSampleId :

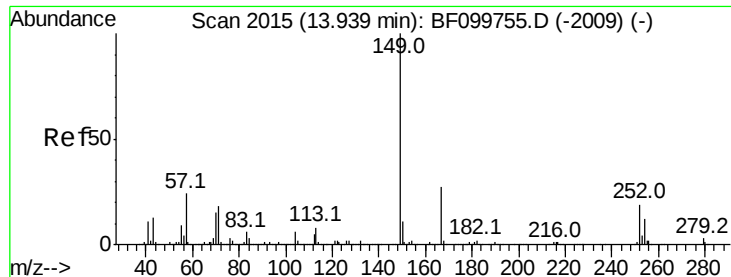
Tot Ion:252 Resp: 92705
 Ion Ratio Lower Upper
 252 100
 254 63.9 50.4 75.6
 126 14.5 11.3 16.9



#82
 Chrysene
 Concen: 34.263 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.03 min
 Lab File: BF100112.D
 Acq: 3 Nov 2017 4:33

Tgt Ion:228 Resp: 271676
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.0 37.6
 229 20.1 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.198 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF100112.D

Acq: 3 Nov 2017 4:33

Instrument :

BNA_F

ClientSampleId :

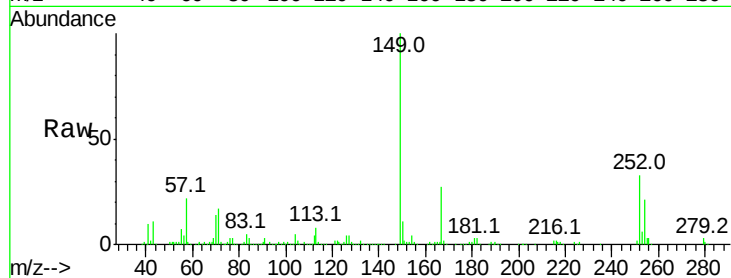
Tot Ion:149 Resp: 232248

Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

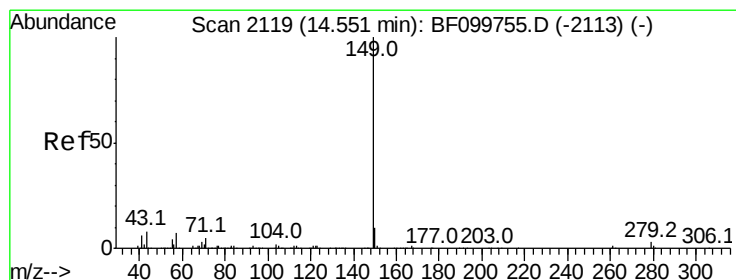
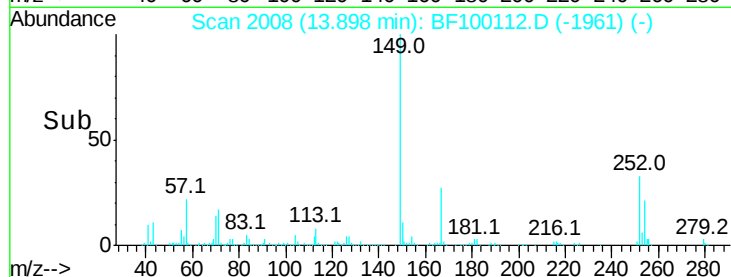
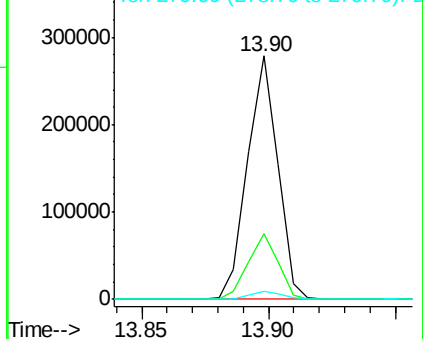
279 3.1 3.0 4.4



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: 29.483 ng

RT: 14.51 min Scan# 2112

Delta R.T. -0.05 min

Lab File: BF100112.D

Acq: 3 Nov 2017 4:33

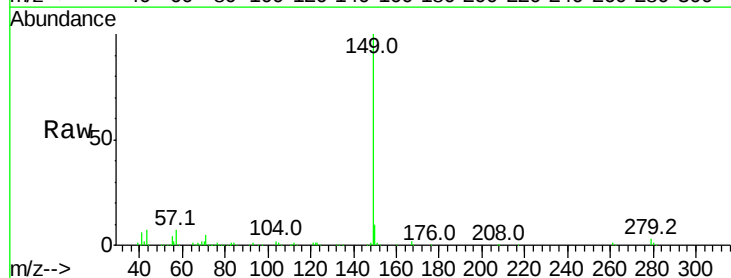
Tgt Ion:149 Resp: 354017

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

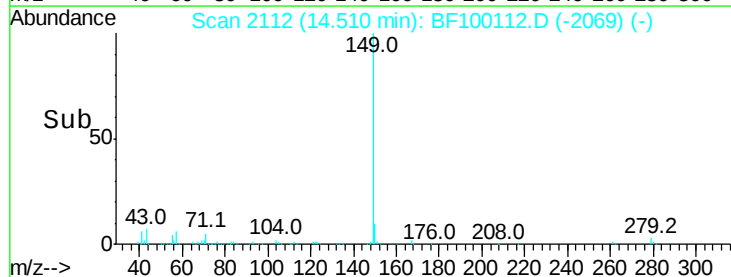
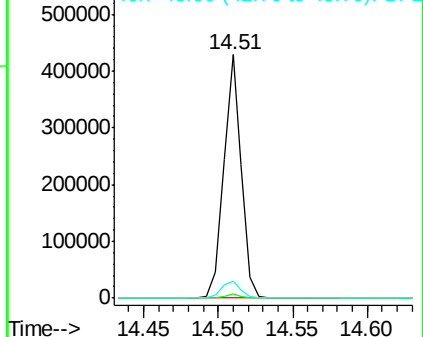
43 7.5 8.4 12.6#

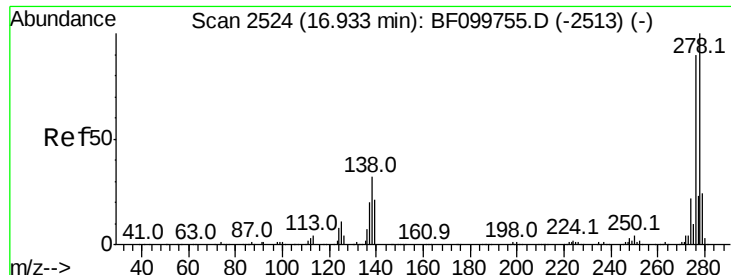


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

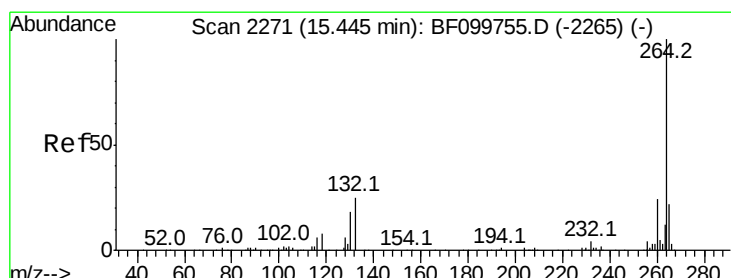
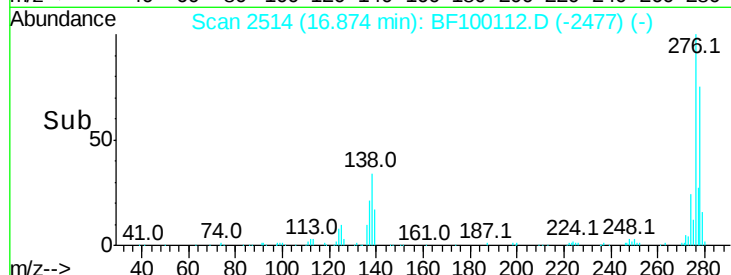
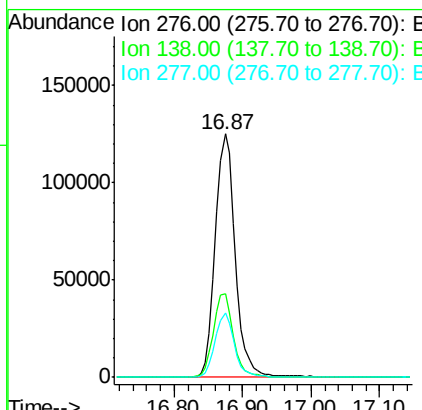
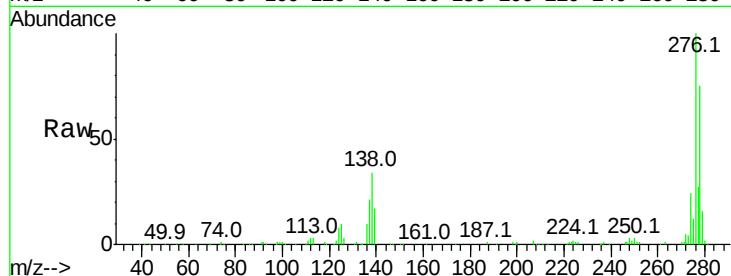




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.807 ng
 RT: 16.87 min Scan# 2514
 Delta R.T. -0.08 min
 Lab File: BF100112.D
 Acq: 3 Nov 2017 4:33

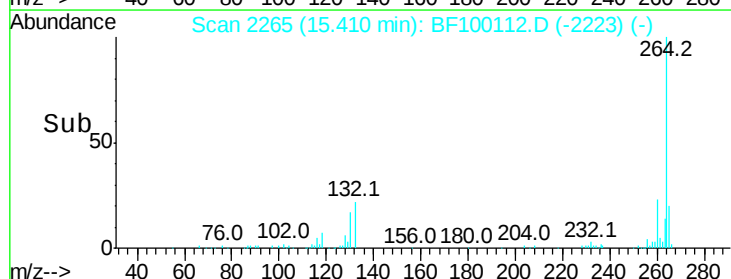
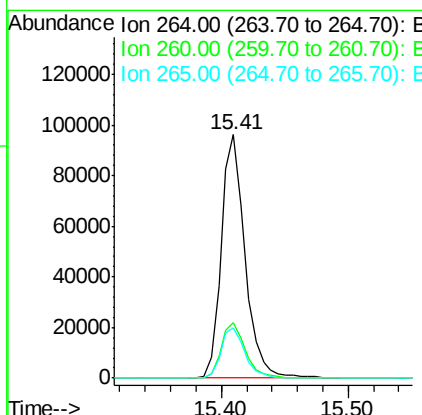
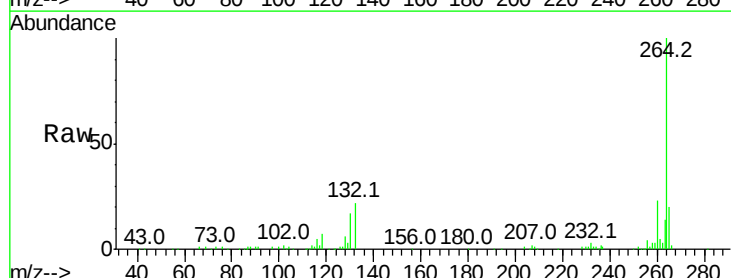
Instrument :
 BNA_F
 ClientSampleId :

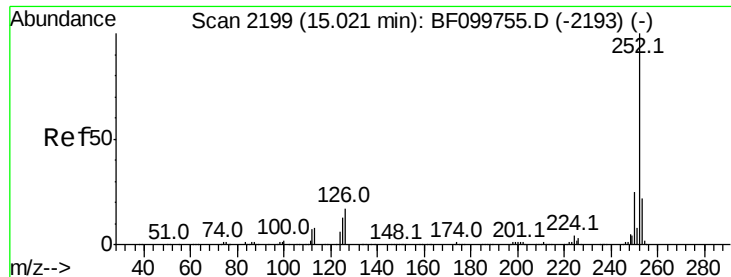
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.3	25.0	37.6
277	25.6	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.05 min
 Lab File: BF100112.D
 Acq: 3 Nov 2017 4:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.5	17.5	26.3

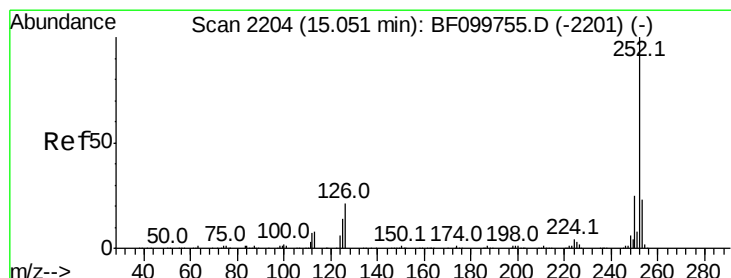
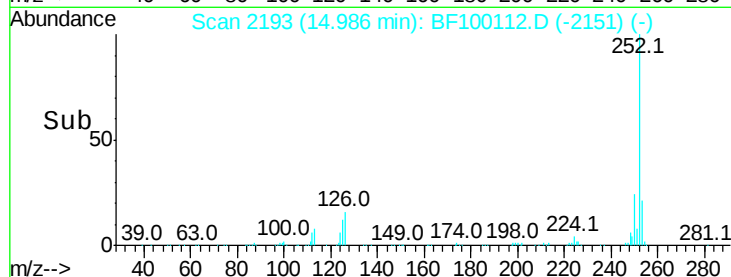
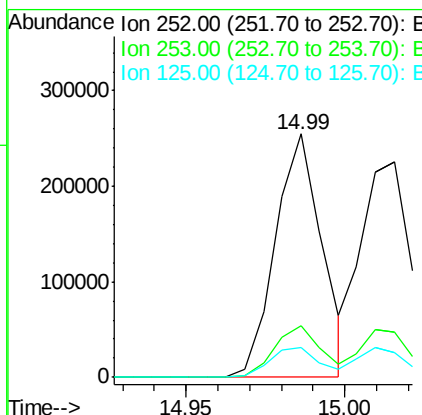
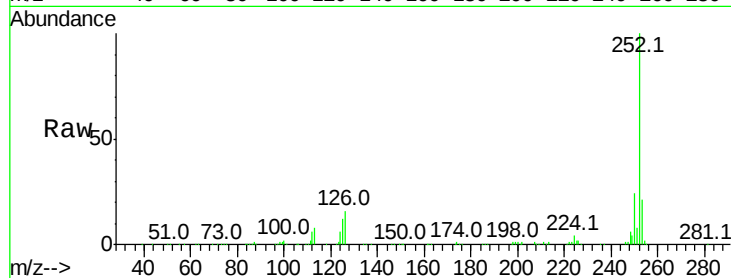




#87
Benzo(b)fluoranthene
Concen: 33.089 ng
RT: 14.99 min Scan# 2193
Delta R.T. -0.05 min
Lab File: BF100112.D
Acq: 3 Nov 2017 4:33

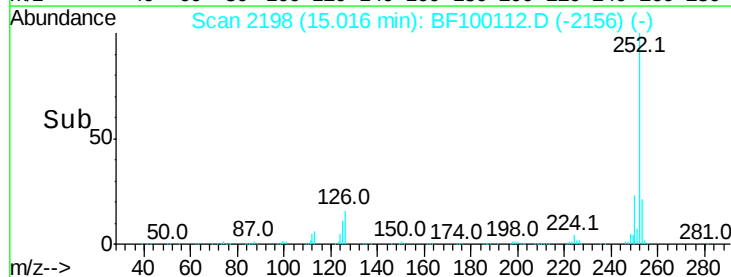
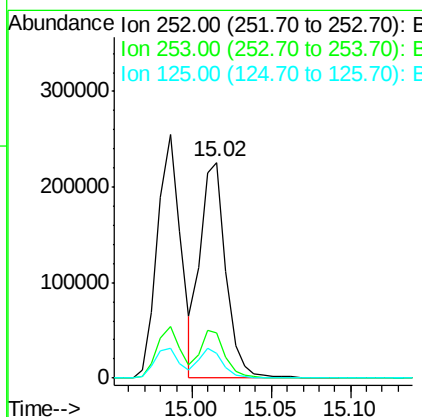
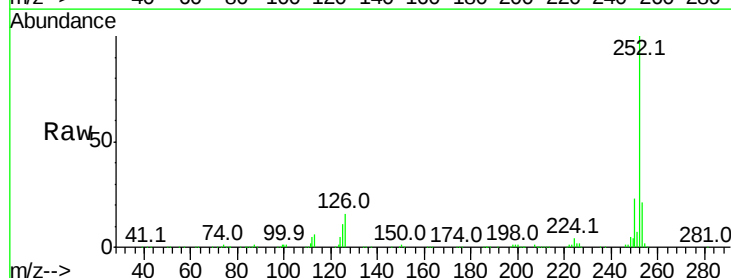
Instrument :
BNA_F
ClientSampleId :

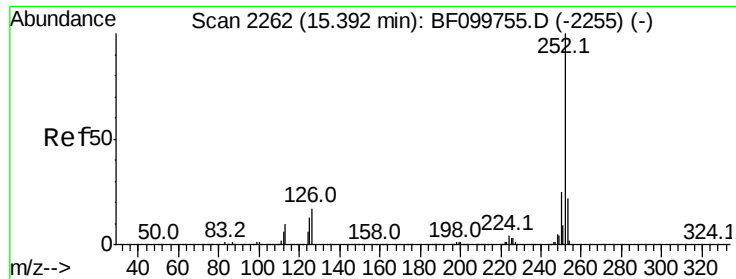
Tot Ion:252 Resp: 260839
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 12.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 34.373 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.05 min
Lab File: BF100112.D
Acq: 3 Nov 2017 4:33

Tgt Ion:252 Resp: 255509
Ion Ratio Lower Upper
252 100
253 20.7 17.9 26.9
125 11.4 10.2 15.2





#89

Benzo(a)pyrene

Concen: 35.670 ng

RT: 15.35 min Scan# 2255

Delta R.T. -0.06 min

Lab File: BF100112.D

Acq: 3 Nov 2017 4:33

Instrument :

BNA_F

ClientSampleId :

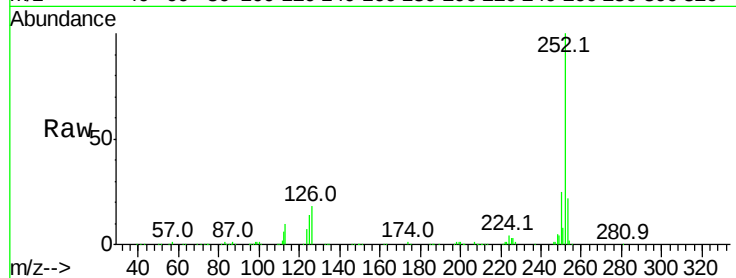
Tot Ion:252 Resp: 252585

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

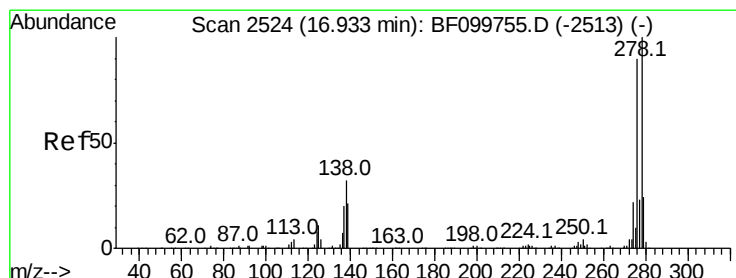
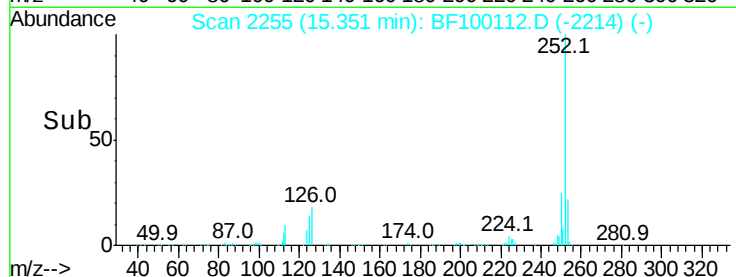
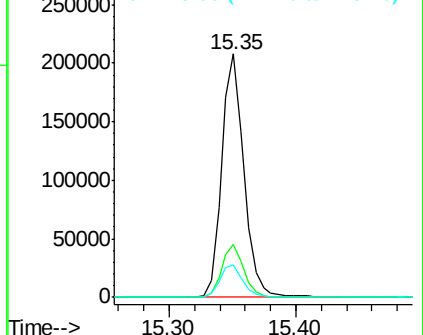
125 13.5 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 34.010 ng

RT: 16.87 min Scan# 2513

Delta R.T. -0.08 min

Lab File: BF100112.D

Acq: 3 Nov 2017 4:33

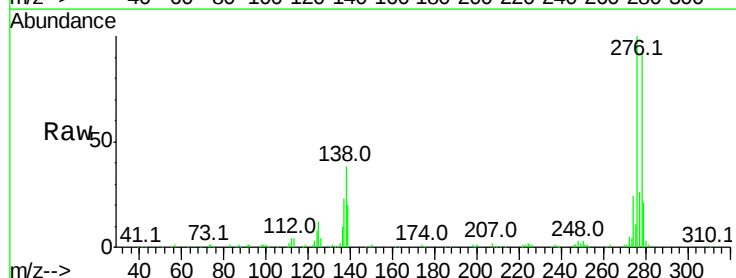
Tgt Ion:278 Resp: 213993

Ion Ratio Lower Upper

278 100

139 21.1 15.9 23.9

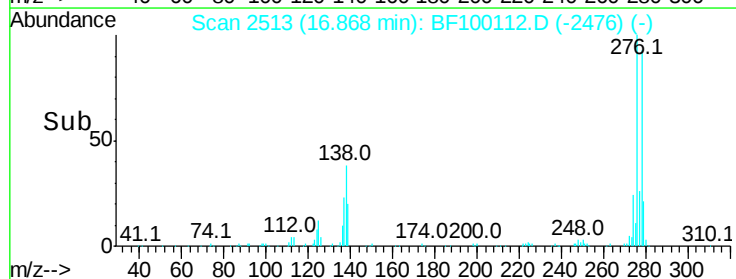
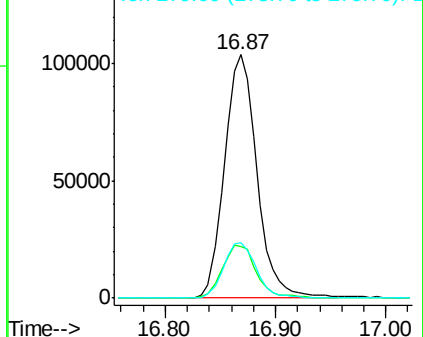
279 22.7 19.0 28.4

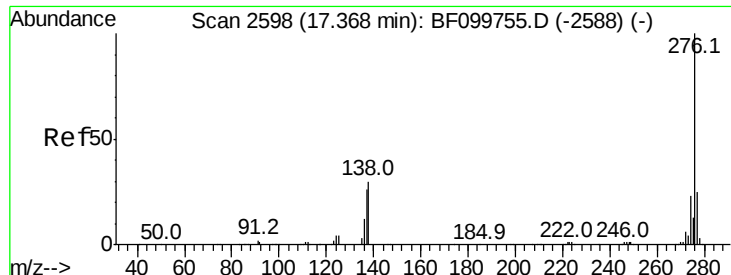


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 33.498 ng

RT: 17.32 min Scan# 2590

Delta R.T. -0.08 min

Lab File: BF100112.D

Acq: 3 Nov 2017 4:33

Instrument :

BNA_F

ClientSampleId :

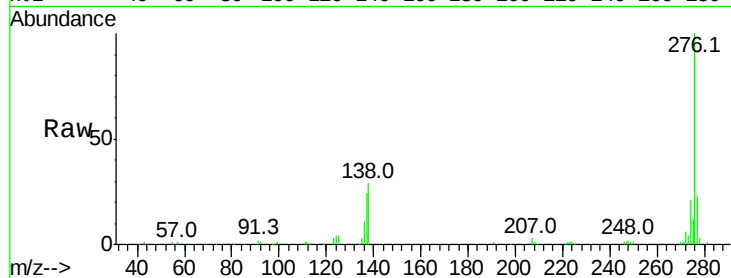
Tot Ion: 276 Resp: 206213

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 28.5 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

