

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
 Data File : BF099786.D
 Acq On : 24 Oct 2017 14:20
 Operator : SJ/JU
 Sample : PB103578BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 24 18:09:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 23:39:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	121230	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	520045	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	256515	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	477539	20.00	ng	0.00
75) Chrysene-d12	13.99	240	355500	20.00	ng	0.00
86) Perylene-d12	15.45	264	270126	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	526443	68.18	ng	0.01
7) Phenol-d6	6.45	99	609142	66.53	ng	0.00
23) Nitrobenzene-d5	7.37	82	356545	44.14	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	149169	63.81	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	777836	46.78	ng	0.00
78) Terphenyl-d14	12.92	244	735662	45.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	69423	20.359	ng	92
3) Pyridine	3.39	79	170310	20.769	ng	91
4) n-Nitrosodimethylamine	3.33	42	67470	23.031	ng	# 74
6) Aniline	6.47	93	199111	16.772	ng	98
8) 2-Chlorophenol	6.59	128	195716	23.781	ng	94
9) Benzaldehyde	6.36	77	110706	20.234	ng	87
10) Phenol	6.46	94	237161	23.592	ng	97
11) bis(2-Chloroethyl)ether	6.54	93	175830	22.650	ng	96
12) 1,3-Dichlorobenzene	6.74	146	206499	22.347	ng	99
13) 1,4-Dichlorobenzene	6.82	146	212015	22.607	ng	98
14) 1,2-Dichlorobenzene	6.97	146	199082	23.292	ng	95
15) Benzyl Alcohol	6.95	79	138230	23.739	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	226661	26.285	ng	59
17) 2-Methylphenol	7.07	107	158579	23.036	ng	# 95
18) Hexachloroethane	7.31	117	71626	22.892	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	120992	22.550	ng	92
20) 3+4-Methylphenols	7.22	107	203116	25.340	ng	# 77
22) Acetophenone	7.22	105	256661	21.676	ng	# 97
24) Nitrobenzene	7.39	77	186726	22.942	ng	91
25) Isophorone	7.63	82	351044	23.950	ng	98
26) 2-Nitrophenol	7.71	139	109900	23.575	ng	# 84
27) 2,4-Dimethylphenol	7.75	122	176972	25.766	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	231315	22.534	ng	99
29) 2,4-Dichlorophenol	7.95	162	171693	24.063	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	171402	22.483	ng	97
31) Naphthalene	8.11	128	566010	22.548	ng	99
32) Benzoic acid	7.89	122	108359	17.923	ng	95
33) 4-Chloroaniline	8.16	127	158120	15.254	ng	95
34) Hexachlorobutadiene	8.22	225	85675	21.848	ng	98
35) Caprolactam	8.54	113	33768	15.049	ng	# 79
36) 4-Chloro-3-methylphenol	8.66	107	175450	24.091	ng	92
37) 2-Methylnaphthalene	8.80	142	396192	23.551	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	163570	19.743	ng	98
40) Hexachlorocyclopentadiene	8.95	237	58914	44.053	ng	97

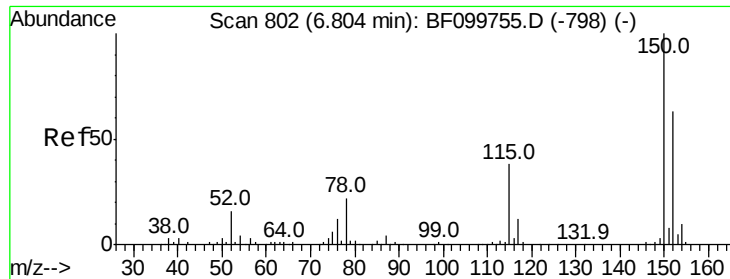
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
 Data File : BF099786.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	113537	22.656	nq	100
43) 2,4,5-Trichlorophenol	9.13	196	117408	22.078	nq	# 93
45) 1,1'-Biphenyl	9.26	154	472414	20.358	nq	99
46) 2-Chloronaphthalene	9.29	162	369621	21.932	nq	95
47) 2-Nitroaniline	9.40	65	99444	22.483	nq	88
48) Acenaphthylene	9.70	152	557882	21.493	nq	100
49) Dimethylphthalate	9.57	163	443765	21.845	nq	99
50) 2,6-Dinitrotoluene	9.64	165	99331	23.260	nq	# 81
51) Acenaphthene	9.87	154	336384	21.210	nq	99
52) 3-Nitroaniline	9.81	138	80495	15.997	nq	94
53) 2,4-Dinitrophenol	9.93	184	67590	42.961	nq	# 82
54) Dibenzofuran	10.05	168	495365	22.127	nq	98
55) 4-Nitrophenol	9.99	139	109559	41.671	nq	81
56) 2,4-Dinitrotoluene	10.05	165	123968	24.105	nq	# 93
57) Fluorene	10.39	166	409679	22.102	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	92020	24.680	nq	93
59) Diethylphthalate	10.26	149	433916	21.874	nq	98
60) 4-Chlorophenyl-phenylether	10.38	204	187939	21.543	nq	96
61) 4-Nitroaniline	10.43	138	108564	22.614	nq	84
62) Azobenzene	10.55	77	379273	22.808	nq	89
64) 4,6-Dinitro-2-methylphenol	10.46	198	56155	18.707	nq	79
65) n-Nitrosodiphenylamine	10.50	169	370308	21.007	nq	97
66) 4-Bromophenyl-phenylether	10.87	248	110314	21.943	nq	# 86
67) Hexachlorobenzene	10.95	284	113901	22.146	nq	# 90
68) Atrazine	11.03	200	116117	21.929	nq	98
69) Pentachlorophenol	11.14	266	83696	38.083	nq	98
70) Phenanthrene	11.36	178	594072	22.044	nq	99
71) Anthracene	11.41	178	624410	22.826	nq	99
72) Carbazole	11.57	167	576292	22.402	nq	99
73) Di-n-butylphthalate	11.89	149	717892	21.879	nq	98
74) Fluoranthene	12.55	202	622070	22.211	nq	99
76) Benzidine	12.67	184	299063	19.225	nq	98
77) Pyrene	12.78	202	633195	23.424	nq	100
79) Butylbenzylphthalate	13.39	149	293556	22.053	nq	90
80) Benzo(a)anthracene	13.97	228	489607	21.725	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	113150	13.832	nq	98
82) Chrysene	14.01	228	464342	21.916	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	388548	20.785	nq	# 100
84) Di-n-octyl phthalate	14.55	149	592536	18.468	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.93	276	342587	17.614	nq	96
87) Benzo(b)fluoranthene	15.05	252	374901	21.979	nq	97
88) Benzo(k)fluoranthene	15.05	252	374901	23.308	nq	99
89) Benzo(a)pyrene	15.39	252	339097	22.131	nq	# 97
90) Dibenzo(a,h)anthracene	16.93	278	286881	21.071	nq	98
91) Benzo(g,h,i)perylene	17.37	276	297576	22.341	nq	97

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

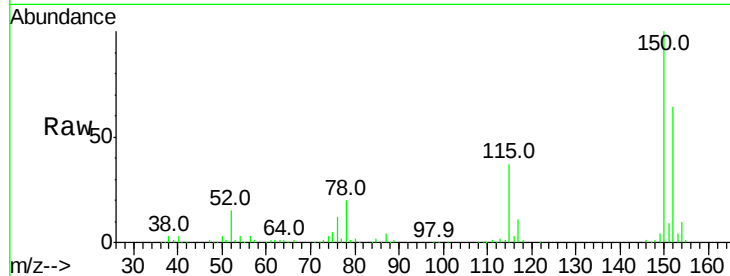


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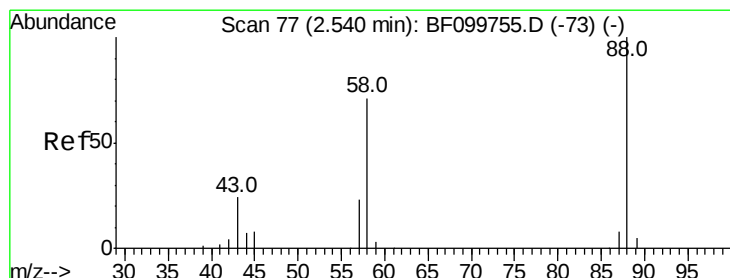
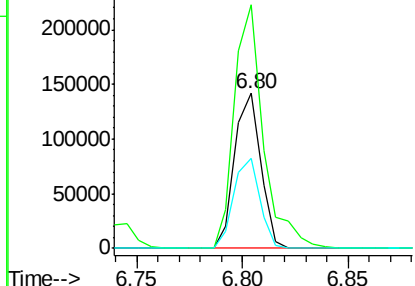
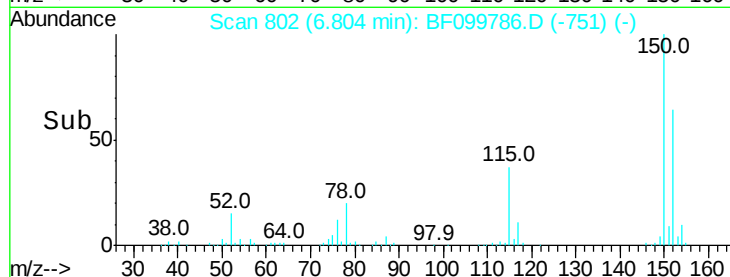
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 121230
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 57.9 50.1 75.1



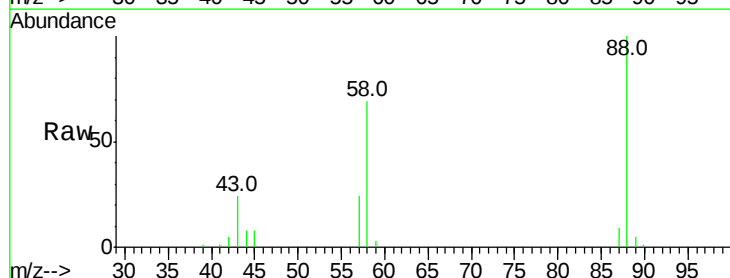
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



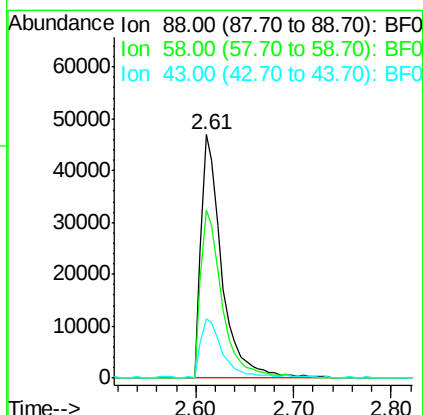
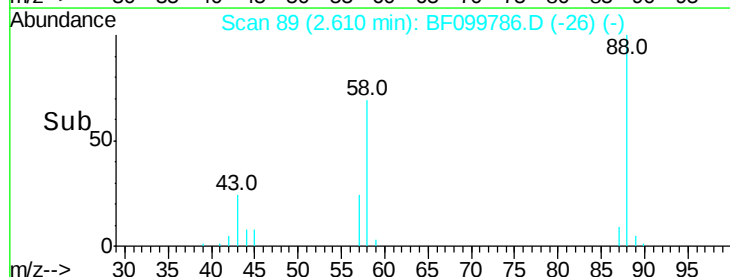
#2

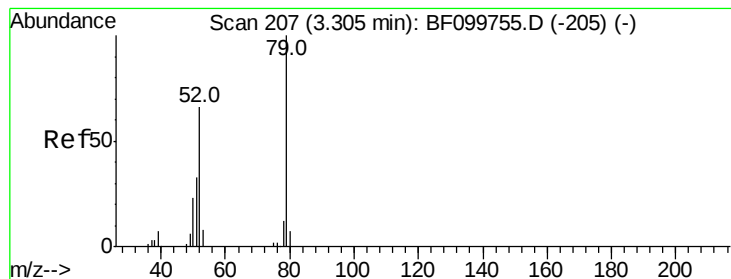
1,4-Dioxane
Concen: 20.359 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.07 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Tgt Ion: 88 Resp: 69423
Ion Ratio Lower Upper
88 100
58 71.6 62.6 93.8
43 26.2 24.6 37.0



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





#3

Pvridine

Concen: 20.769 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.09 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Instrument :

BNA_F

ClientSampleId :

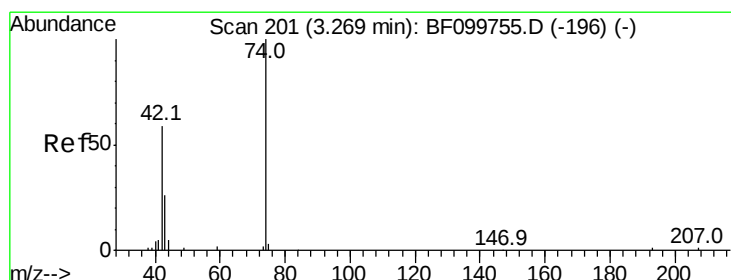
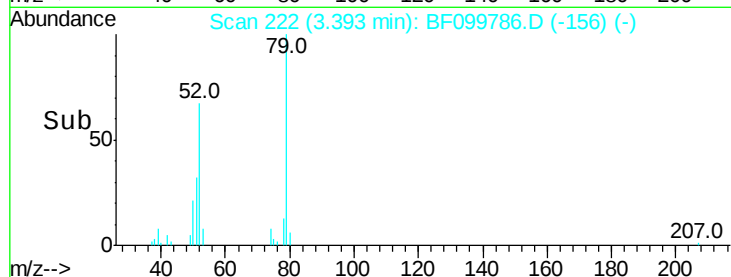
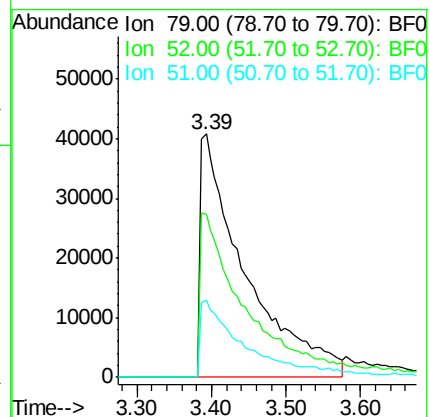
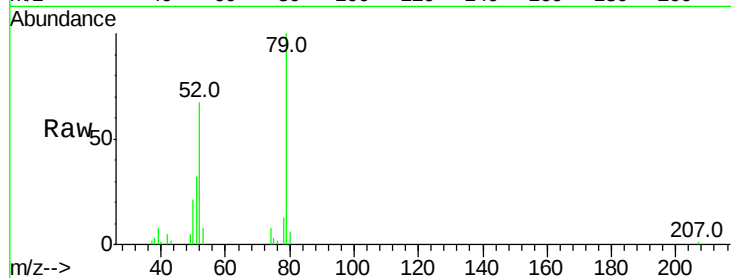
Tot Ion: 79 Resp: 170310

Ion Ratio Lower Upper

79 100

52 66.8 59.8 89.6

51 31.7 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 23.031 ng

RT: 3.33 min Scan# 211

Delta R.T. 0.06 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

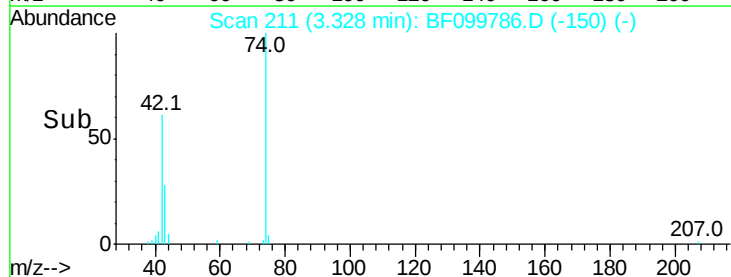
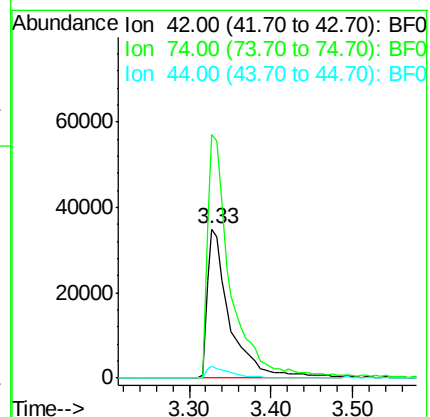
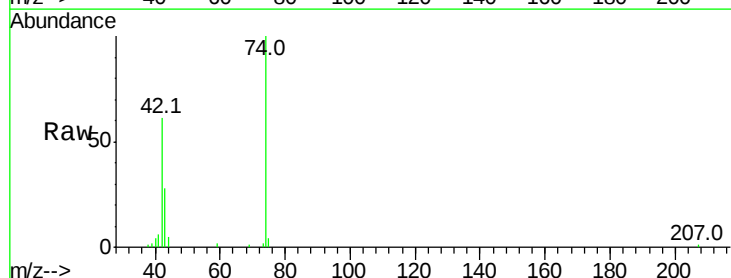
Tgt Ion: 42 Resp: 67470

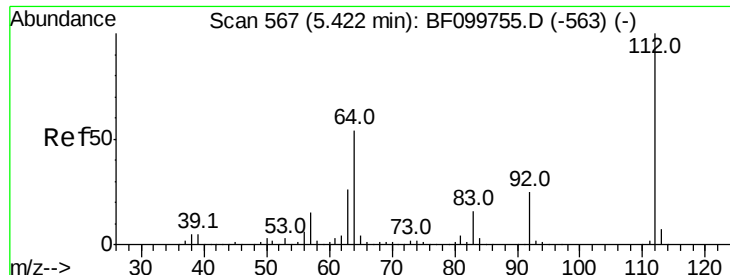
Ion Ratio Lower Upper

42 100

74 163.5 104.9 157.3#

44 8.2 6.9 10.3





#5

2-Fluorophenol

Concen: 68.176 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Instrument :

BNA_F

ClientSampleId :

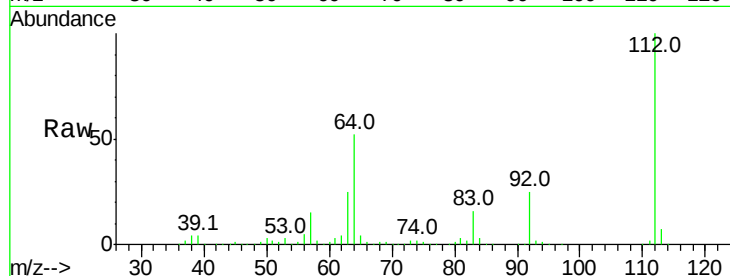
Tot Ion:112 Resp: 526443

Ion Ratio Lower Upper

112 100

64 52.5 47.9 71.9

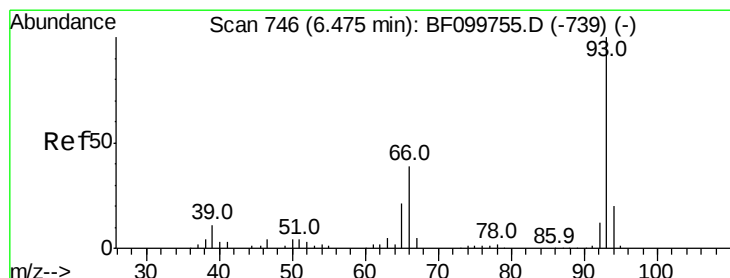
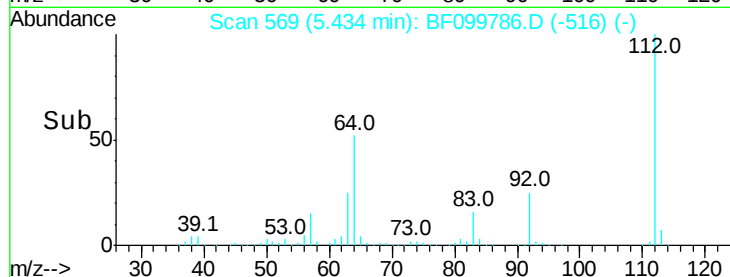
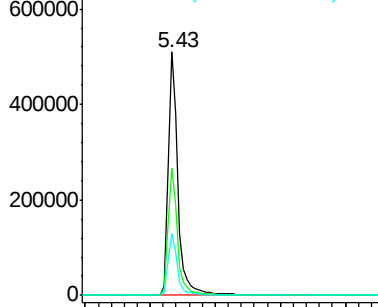
63 25.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.772 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

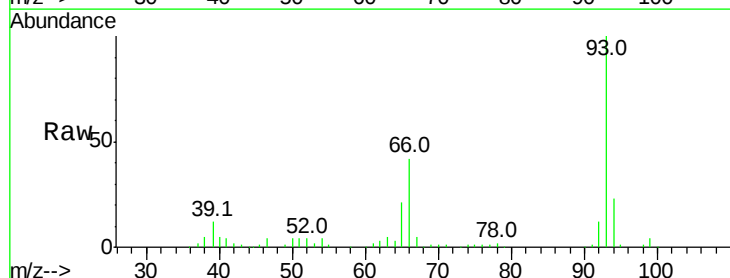
Tgt Ion: 93 Resp: 199111

Ion Ratio Lower Upper

93 100

66 41.5 32.2 48.2

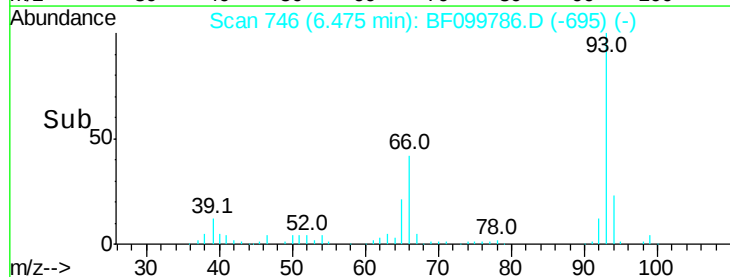
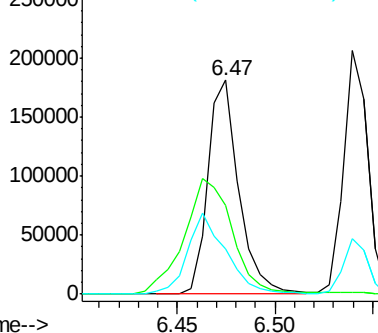
65 21.1 16.4 24.6

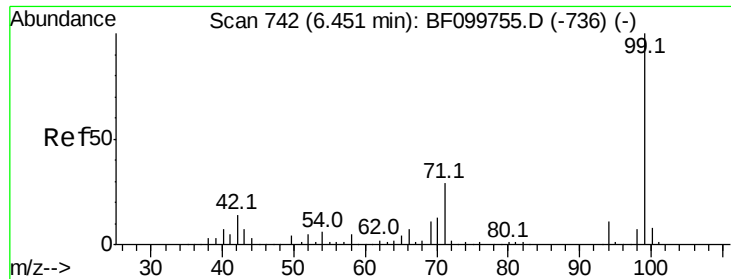


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 66.530 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Instrument :

BNA_F

ClientSampleId :

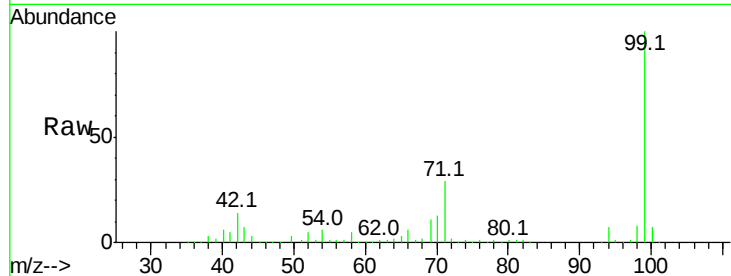
Tot Ion: 99 Resp: 609142

Ion Ratio Lower Upper

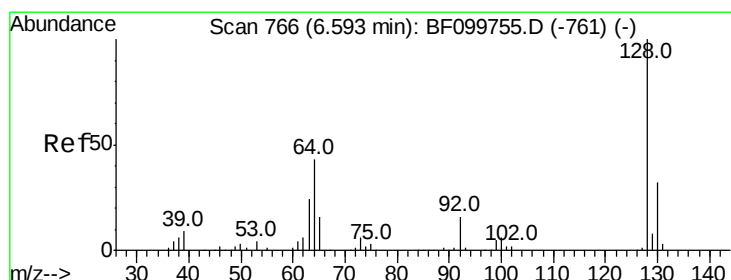
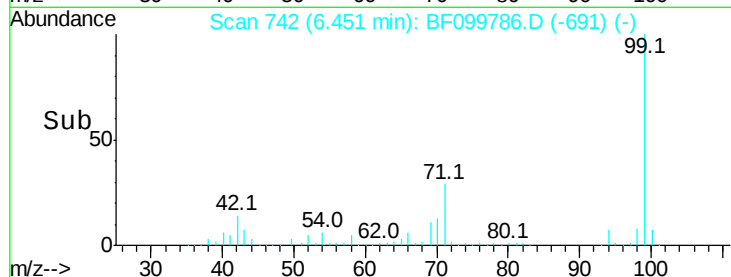
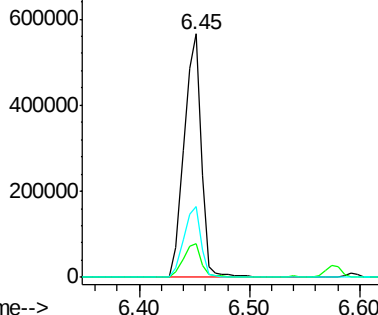
99 100

42 13.9 14.5 21.7#

71 29.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 23.781 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

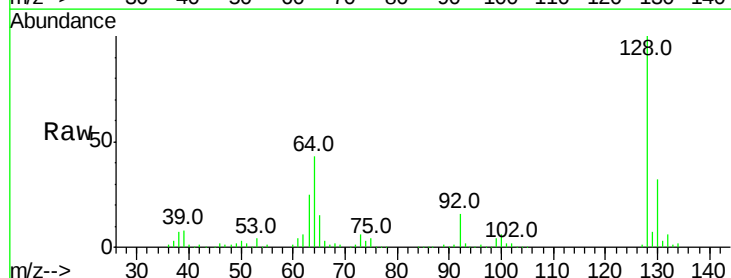
Tgt Ion: 128 Resp: 195716

Ion Ratio Lower Upper

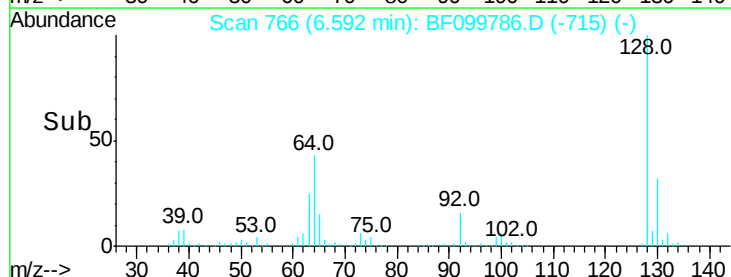
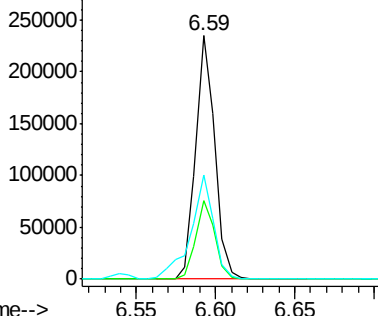
128 100

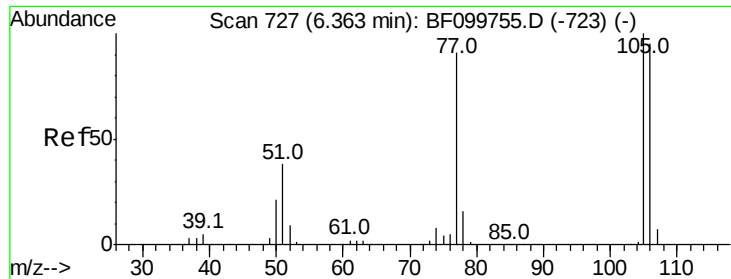
130 32.2 13.0 53.0

64 42.9 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

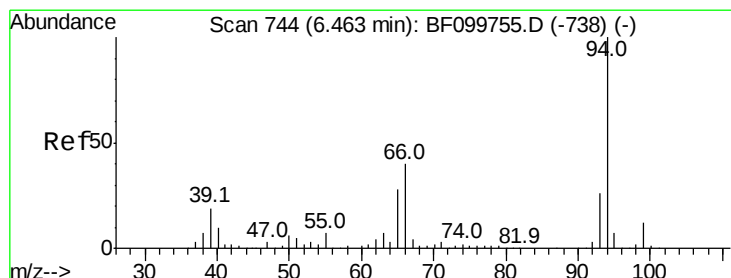
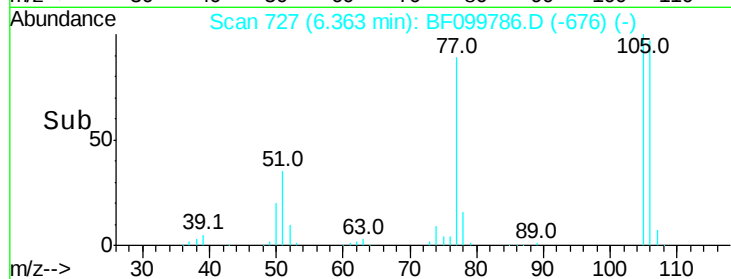
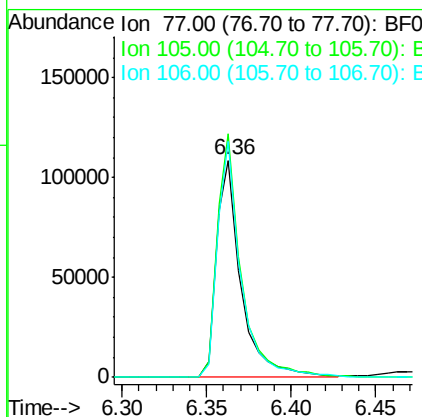
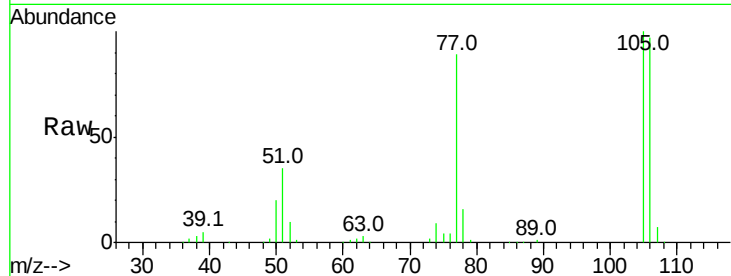




#9
Benzaldehyde
Concen: 20.234 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

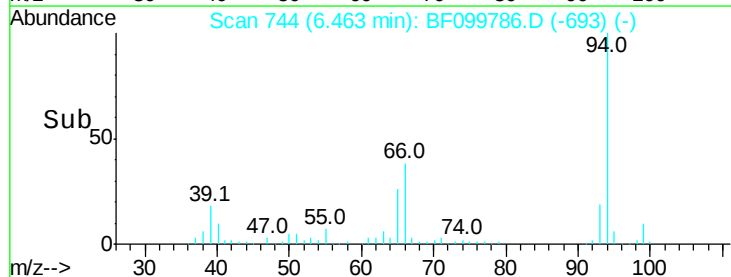
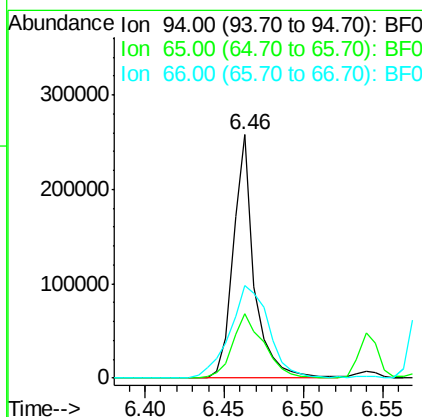
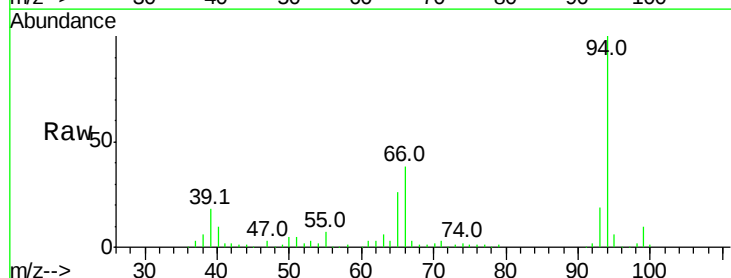
Instrument :
BNA_F
ClientSampleId :

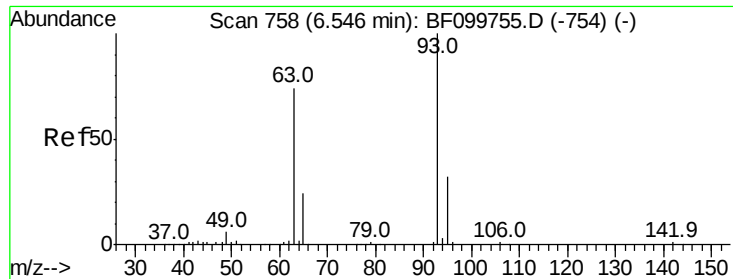
Tot Ion: 77 Resp: 110706
Ion Ratio Lower Upper
77 100
105 112.3 81.1 121.1
106 108.8 74.5 114.5



#10
Phenol
Concen: 23.592 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Tgt Ion: 94 Resp: 237161
Ion Ratio Lower Upper
94 100
65 26.4 7.9 47.9
66 37.8 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 22.650 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Instrument :

BNA_F

ClientSampleId :

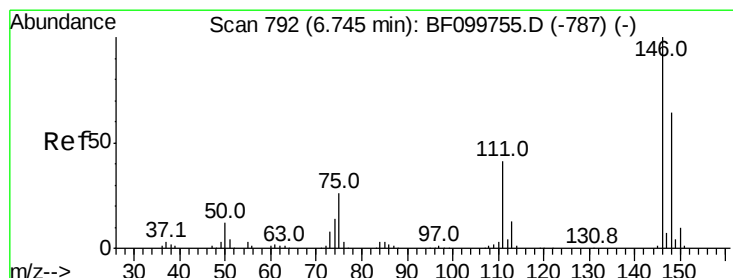
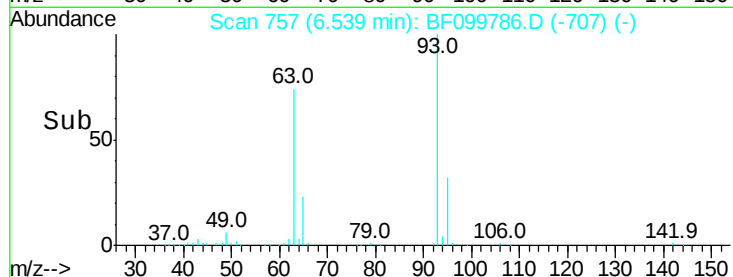
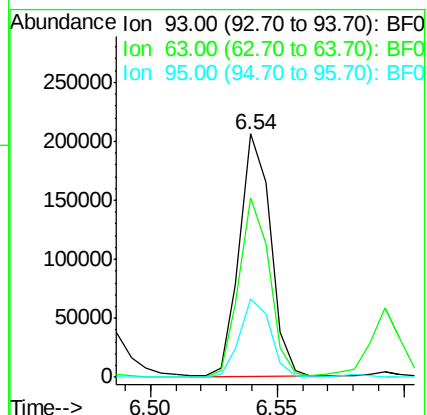
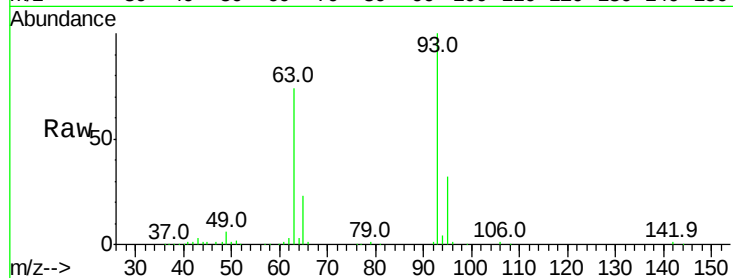
Tot Ion: 93 Resp: 175830

Ion Ratio Lower Upper

93 100

63 73.8 58.6 98.6

95 32.2 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 22.347 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

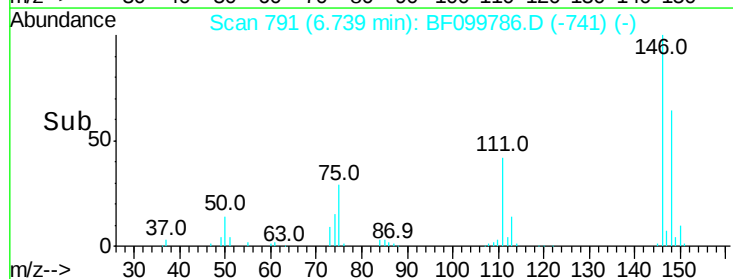
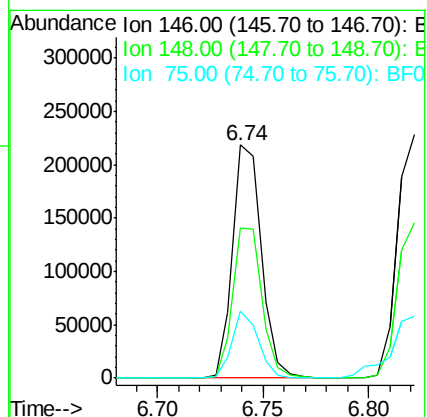
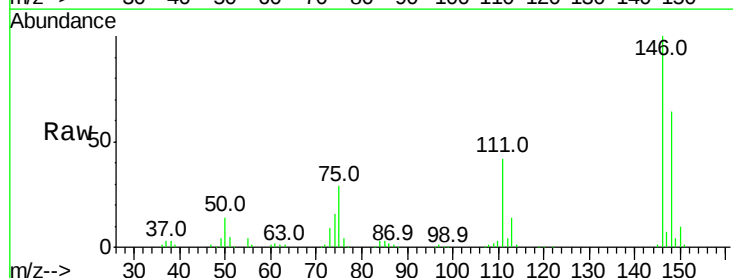
Tgt Ion: 146 Resp: 206499

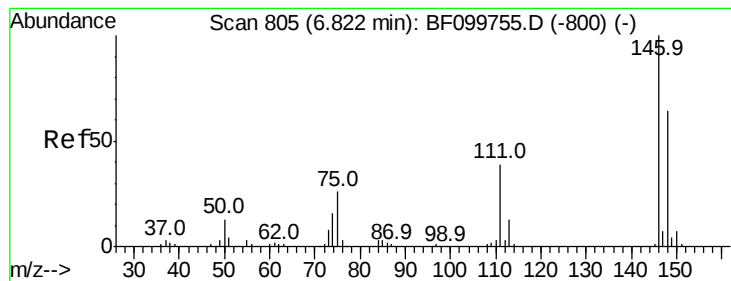
Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.8

75 28.7 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 22.607 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Instrument :

BNA_F

ClientSampleId :

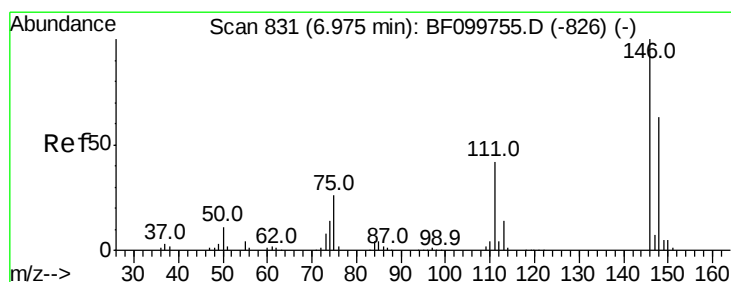
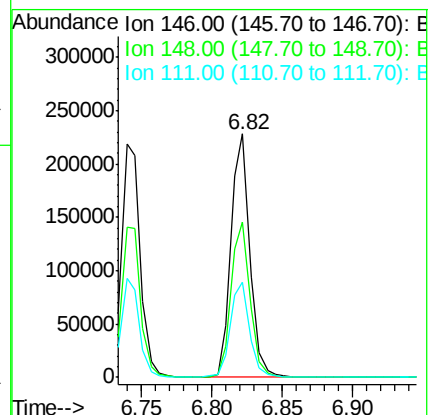
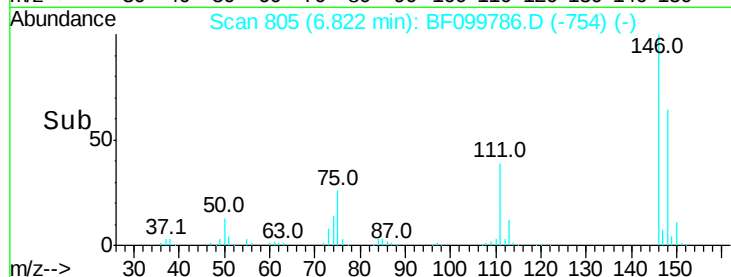
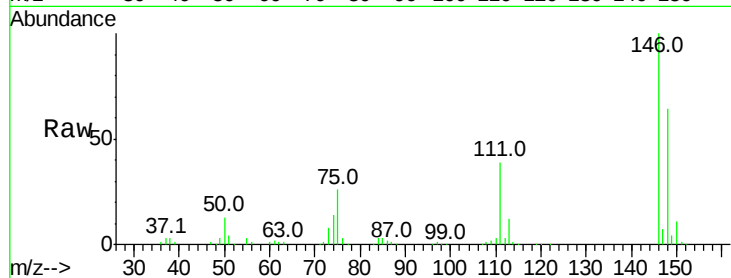
Tot Ion:146 Resp: 212015

Ion Ratio Lower Upper

146 100

148 63.6 50.8 76.2

111 38.9 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 23.292 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

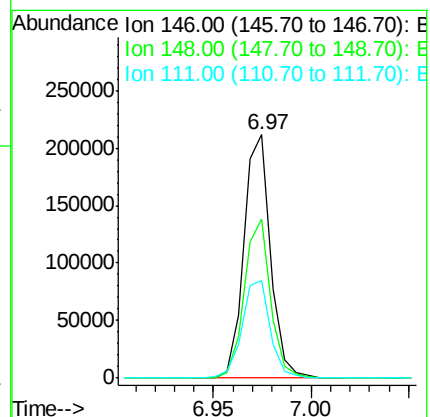
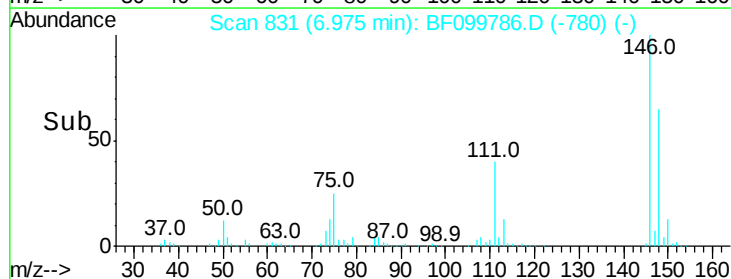
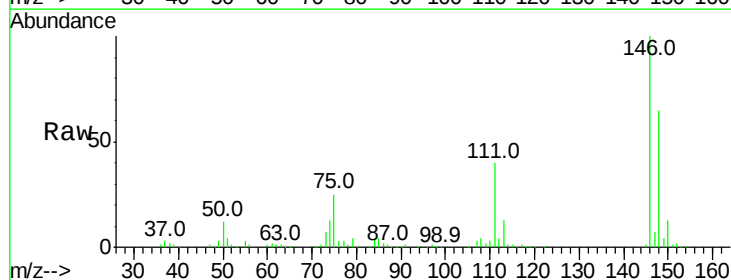
Tgt Ion:146 Resp: 199082

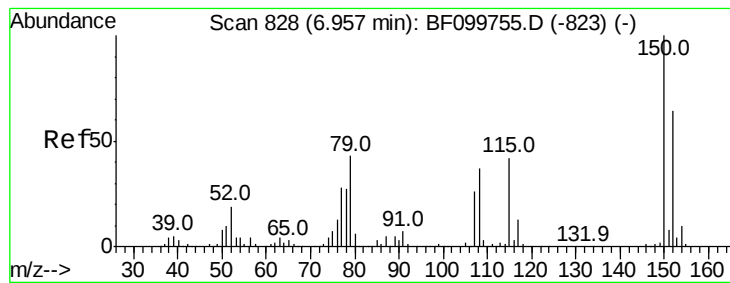
Ion Ratio Lower Upper

146 100

148 65.3 50.6 75.8

111 39.9 36.0 54.0





#15

Benzyl Alcohol

Concen: 23.739 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Instrument :

BNA_F

ClientSampleId :

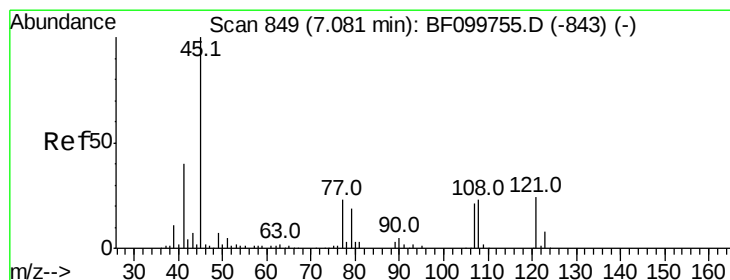
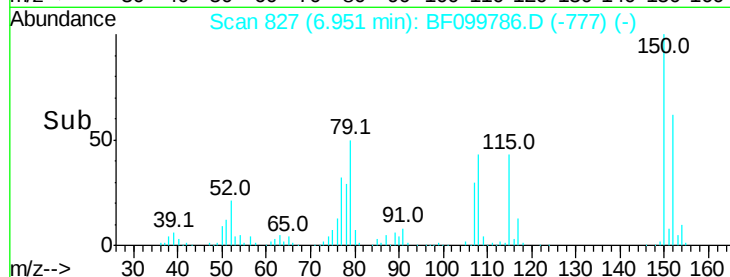
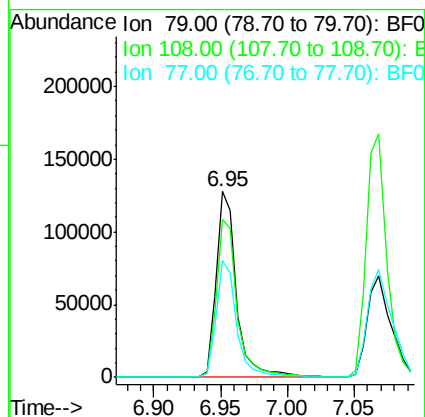
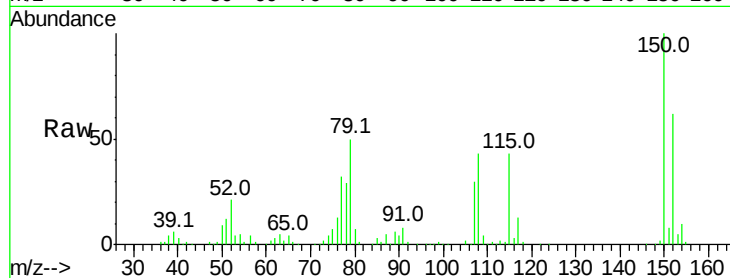
Tot Ion: 79 Resp: 138230

Ion Ratio Lower Upper

79 100

108 85.2 65.1 97.7

77 63.4 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 26.285 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

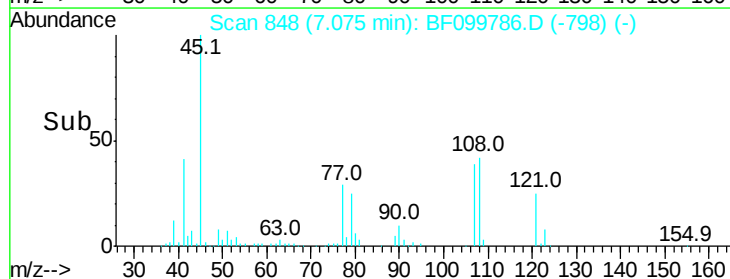
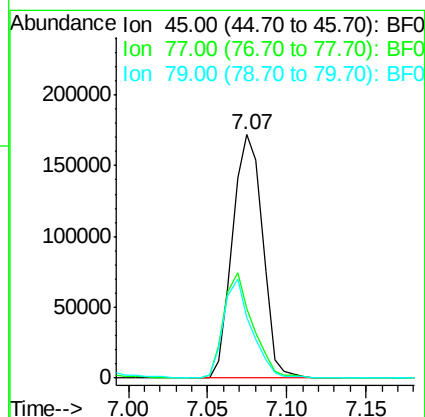
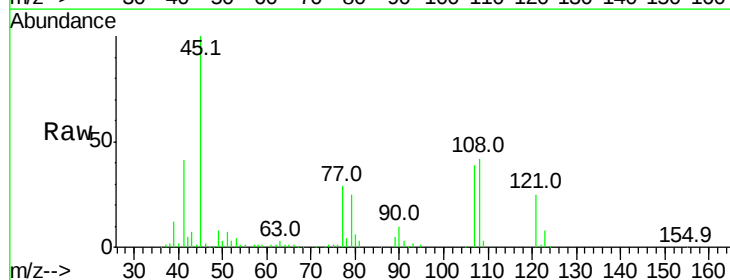
Tgt Ion: 45 Resp: 226661

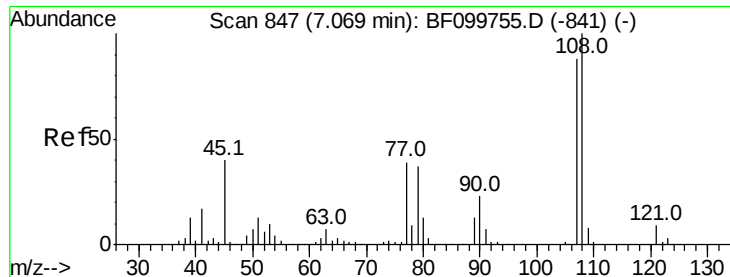
Ion Ratio Lower Upper

45 100

77 28.8 0.0 32.9

79 24.9 0.0 29.6

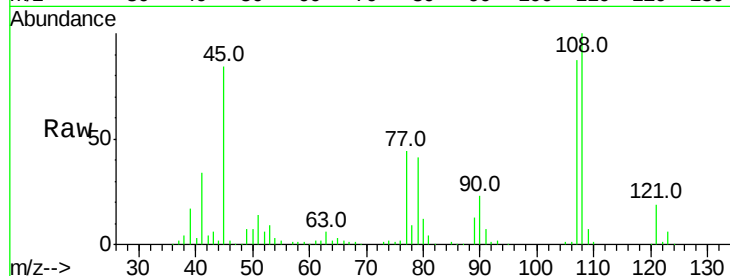




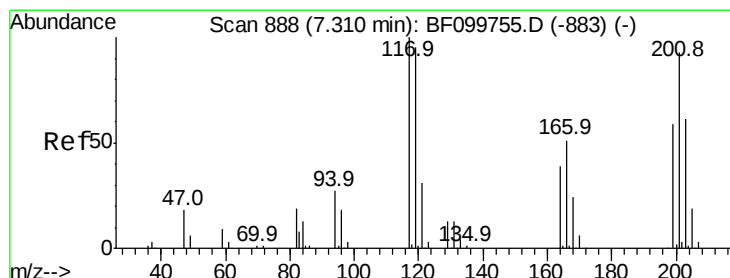
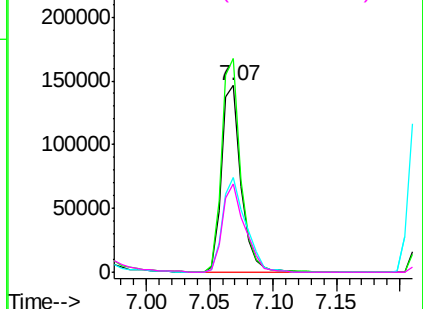
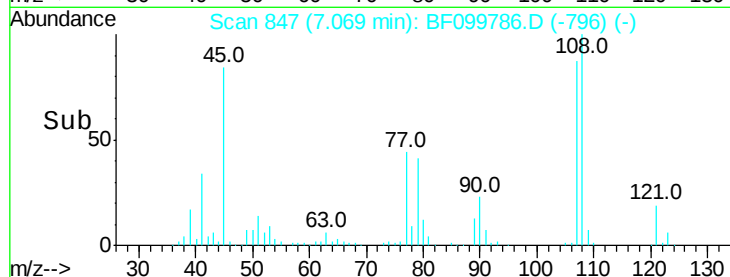
#17
2-Methylphenol
Concen: 23.036 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 158579
Ion Ratio Lower Upper
107 100
108 114.4 91.7 137.5
77 50.9 33.8 50.8#
79 47.5 33.8 50.8

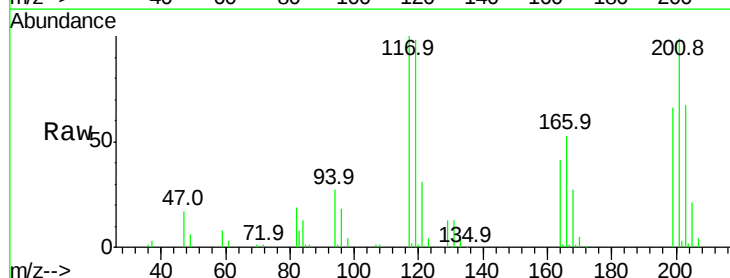


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

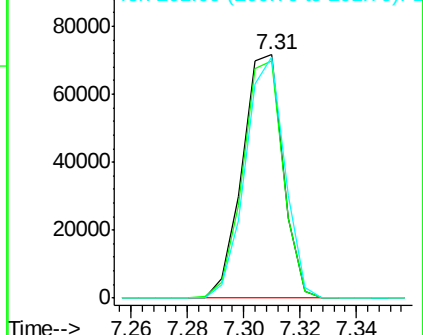
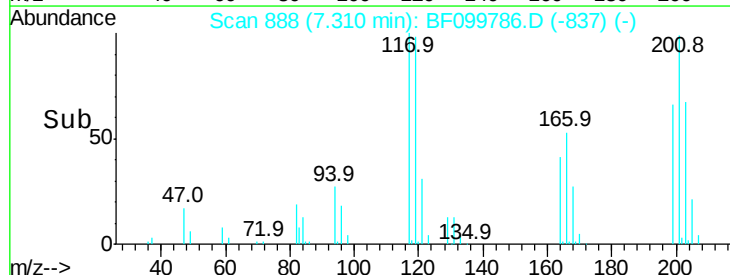


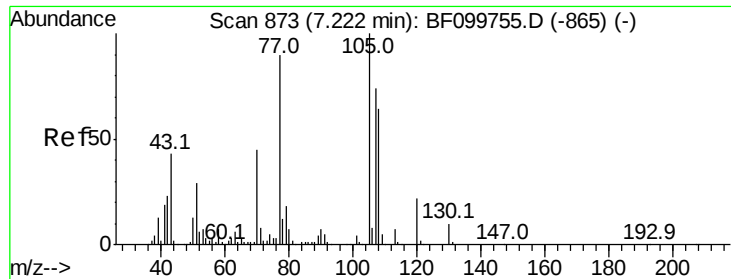
#18
Hexachloroethane
Concen: 22.892 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Tgt Ion:117 Resp: 71626
Ion Ratio Lower Upper
117 100
119 97.6 75.8 113.8
201 99.1 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

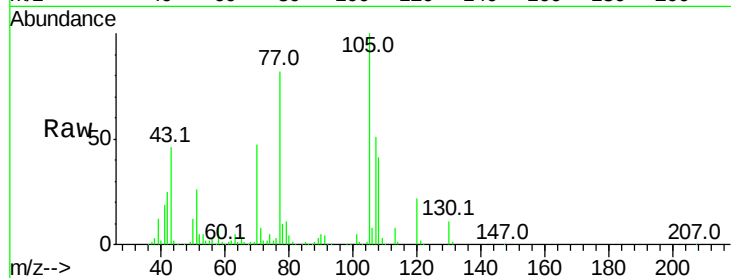




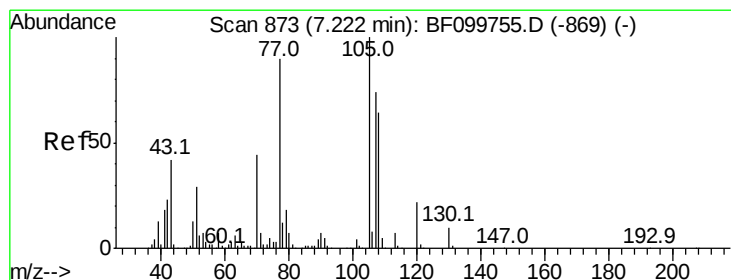
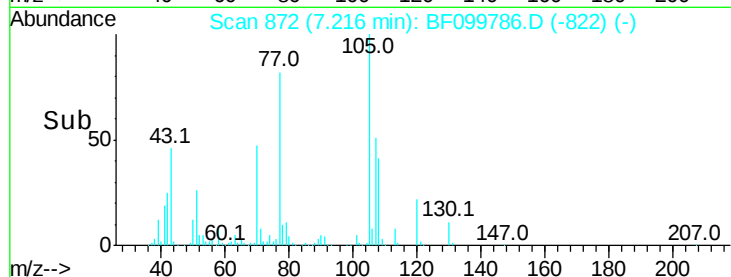
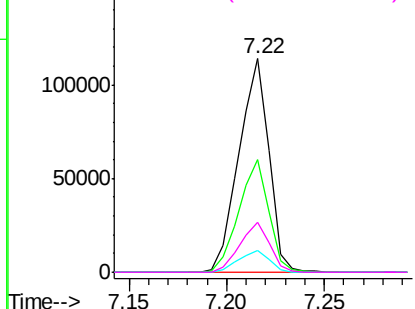
#19
n-Nitroso-di-n-propylamine
Concen: 22.550 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 120992
Ion Ratio Lower Upper
70 100
42 52.5 47.5 71.3
101 10.0 7.4 11.2
130 23.3 16.6 25.0



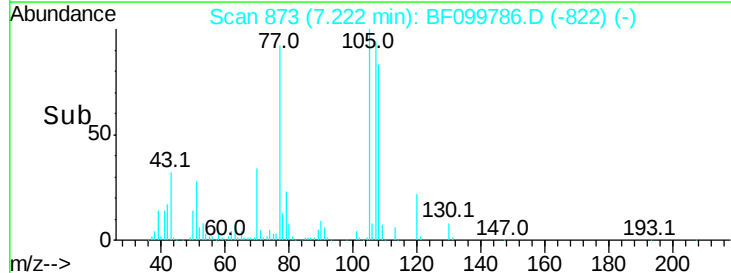
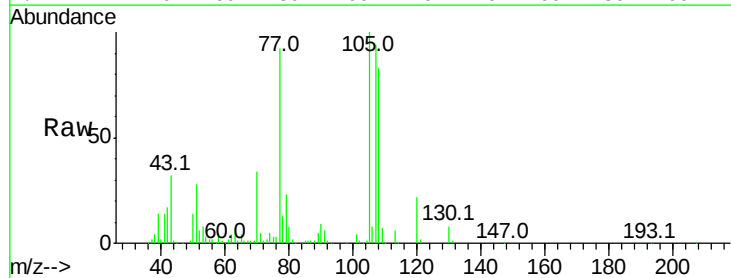
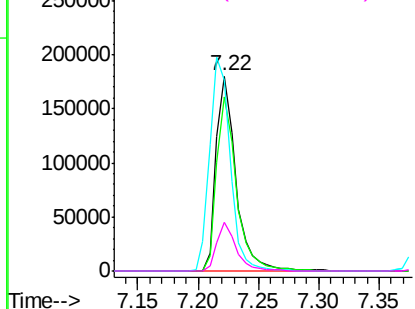
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

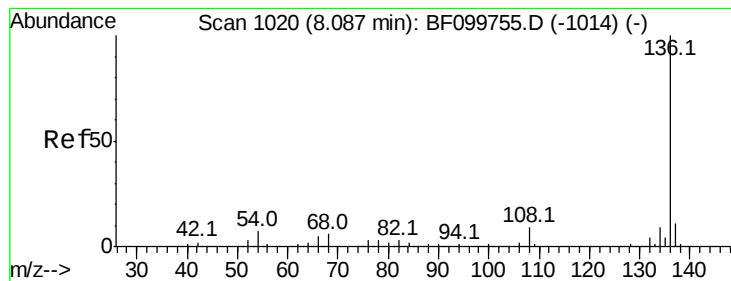


#20
3+4-Methylphenols
Concen: 25.340 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Tgt Ion: 107 Resp: 203116
Ion Ratio Lower Upper
107 100
108 88.9 68.2 108.2
77 98.0 26.7 66.7#
79 24.6 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): BF0
Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 520045

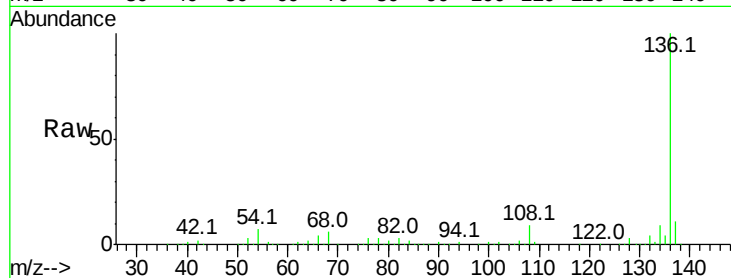
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.5 6.6 9.8#

68 5.7 5.0 7.4

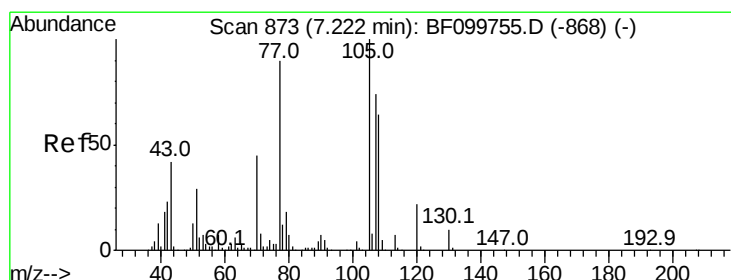
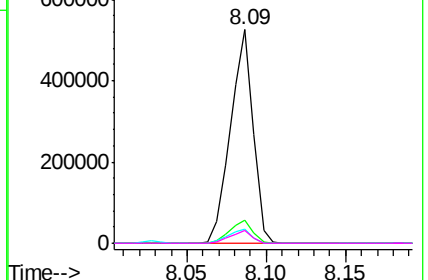
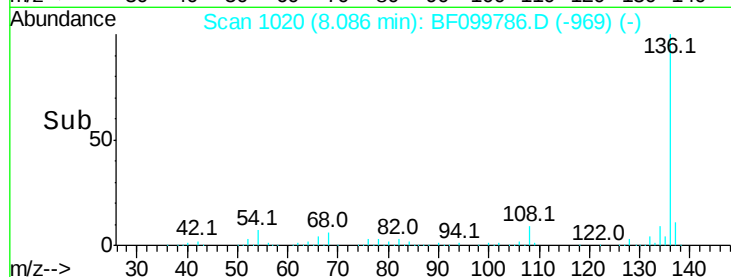


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 21.676 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Tgt Ion:105 Resp: 256661

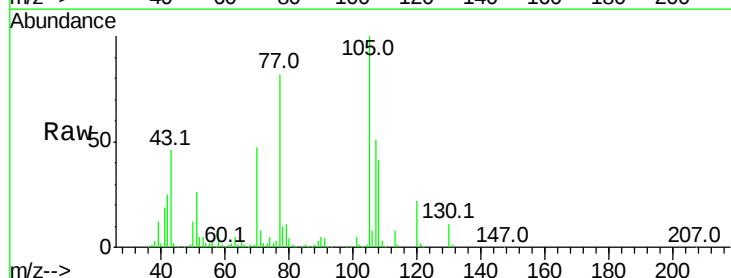
Ion Ratio Lower Upper

105 100

71 7.9 4.4 6.6#

51 26.4 22.3 33.5

120 21.7 16.9 25.3

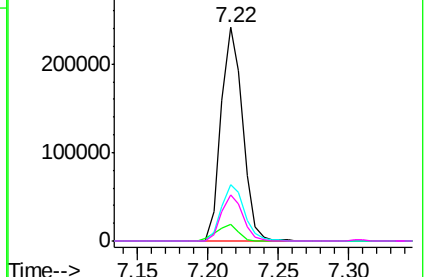
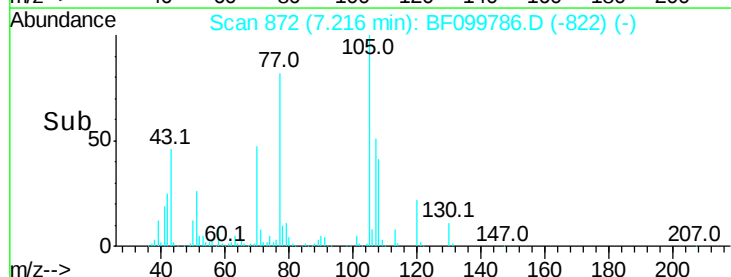


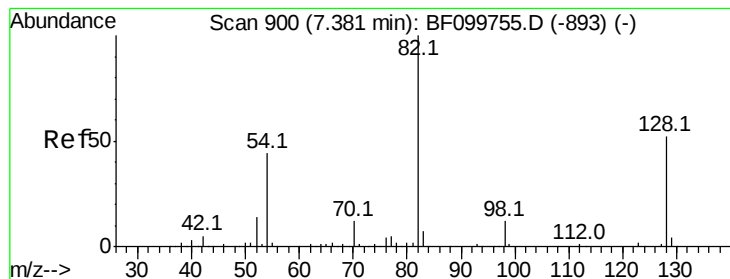
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 44.140 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Instrument :

BNA_F

ClientSampled :

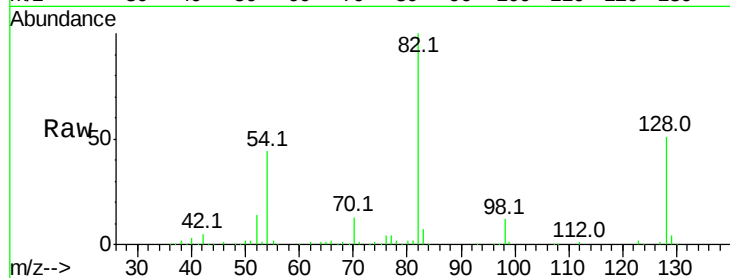
Tot Ion: 82 Resp: 356545

Ion Ratio Lower Upper

82 100

128 51.4 36.1 54.1

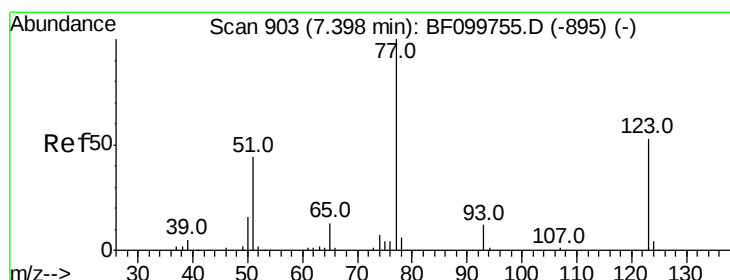
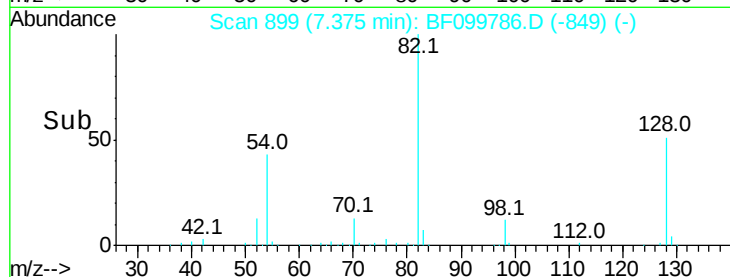
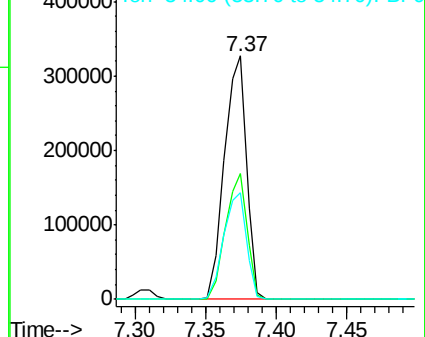
54 43.7 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 22.942 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

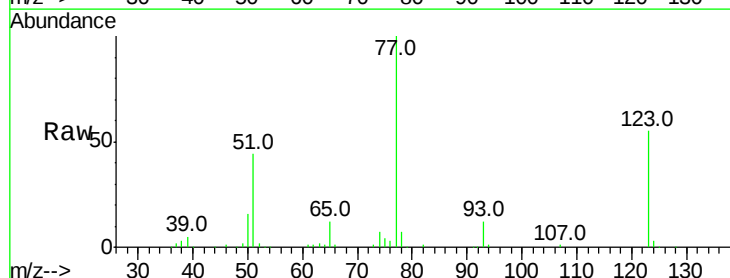
Tgt Ion: 77 Resp: 186726

Ion Ratio Lower Upper

77 100

123 54.7 37.9 56.9

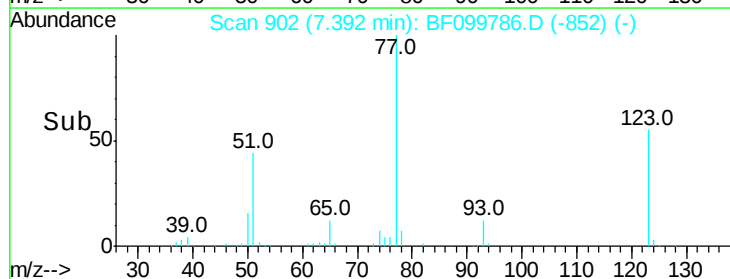
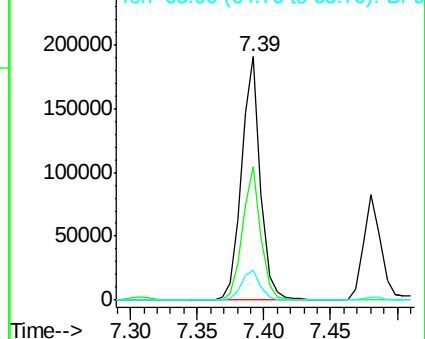
65 12.2 11.0 16.4

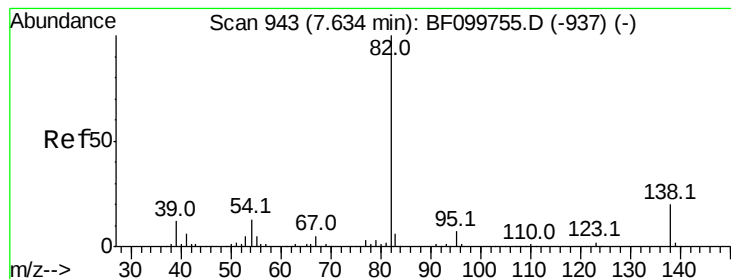


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 23.950 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Instrument :

BNA_F

ClientSampleId :

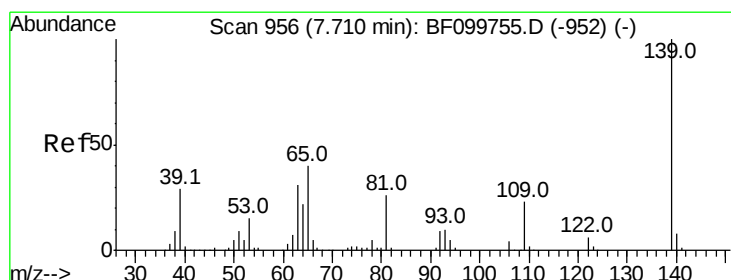
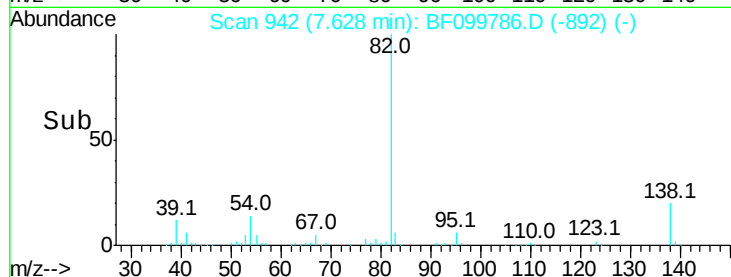
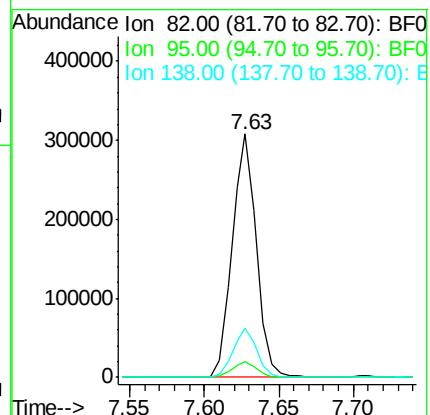
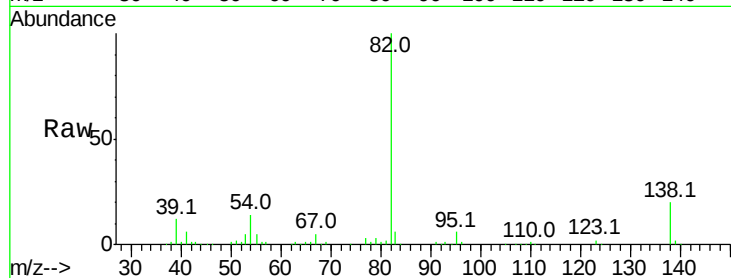
Tot Ion: 82 Resp: 351044

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 20.1 14.9 22.3



#26

2-Nitrophenol

Concen: 23.575 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

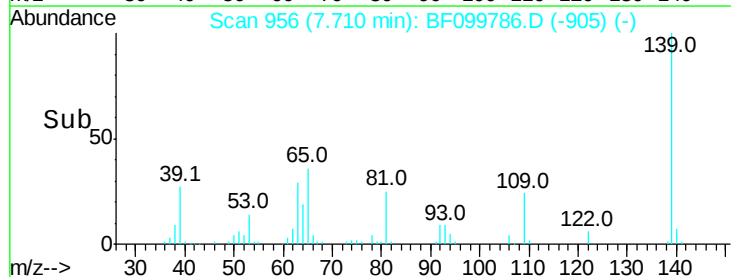
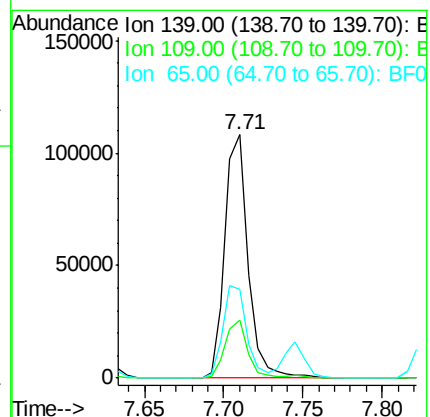
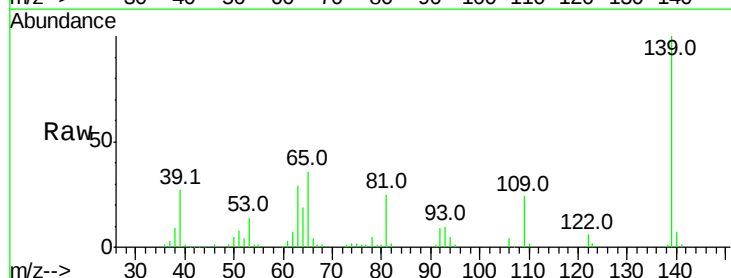
Tgt Ion: 139 Resp: 109900

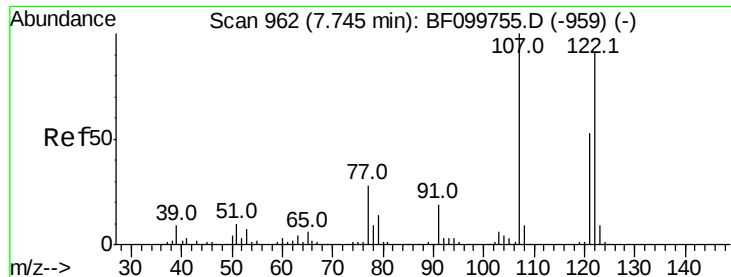
Ion Ratio Lower Upper

139 100

109 23.7 22.7 34.1

65 36.3 40.5 60.7#

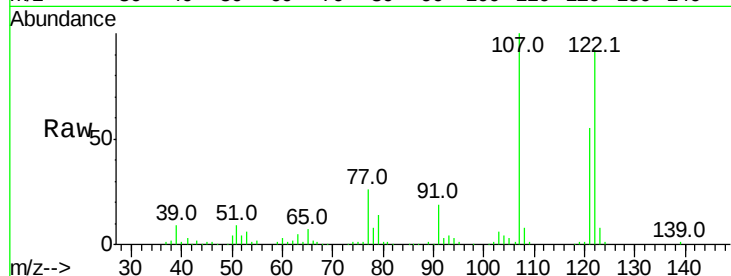




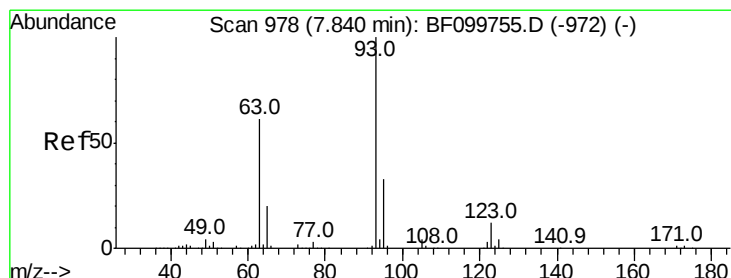
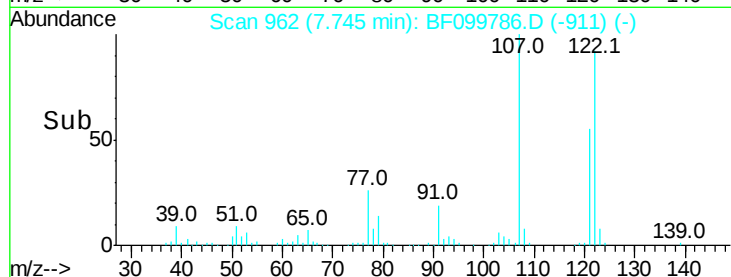
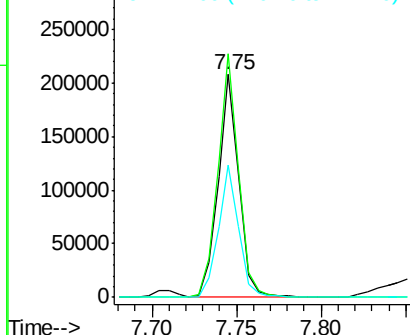
#27
2,4-Dimethylphenol
Concen: 25.766 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 176972
Ion Ratio Lower Upper
122 100
107 109.3 91.2 136.8
121 59.6 47.2 70.8

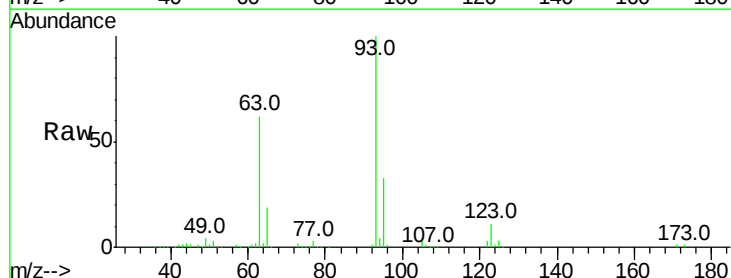


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

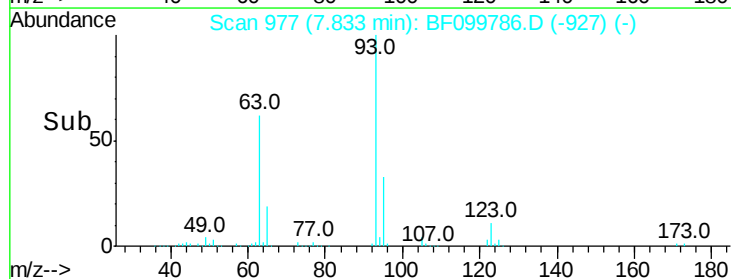
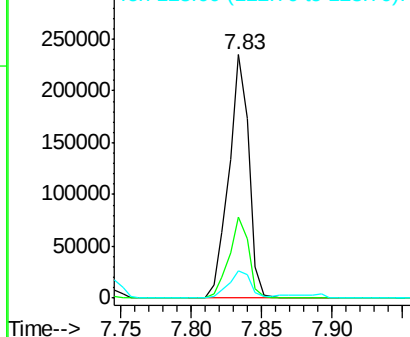


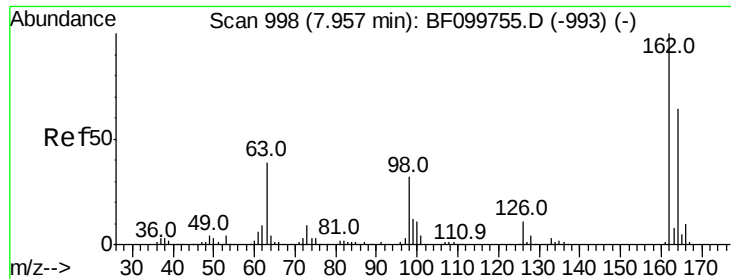
#28
bis(2-Chloroethoxy)methane
Concen: 22.534 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Tgt Ion: 93 Resp: 231315
Ion Ratio Lower Upper
93 100
95 33.1 26.3 39.5
123 11.4 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

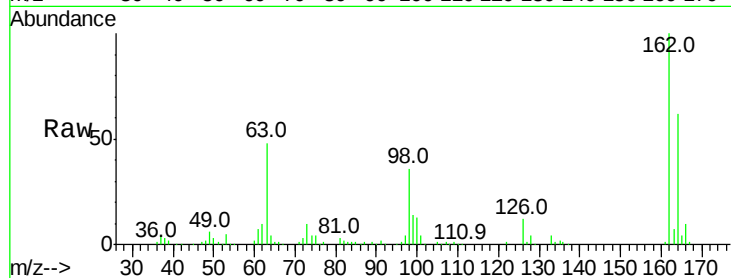




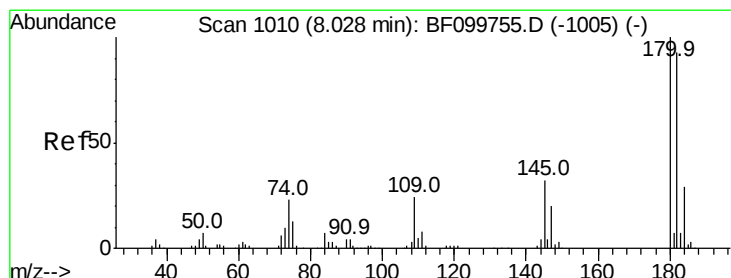
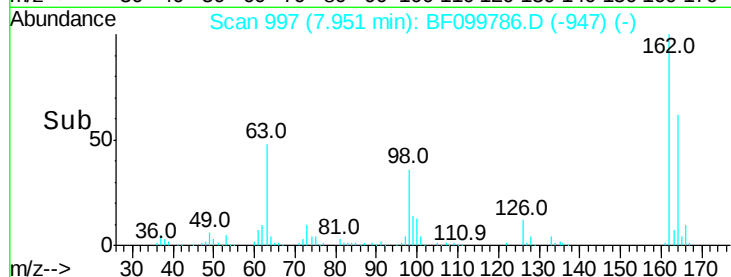
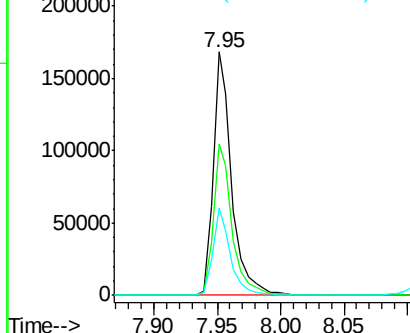
#29
 2,4-Dichlorophenol
 Concen: 24.063 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 171693
 Ion Ratio Lower Upper
 162 100
 164 62.3 42.7 82.7
 98 35.9 18.1 58.1

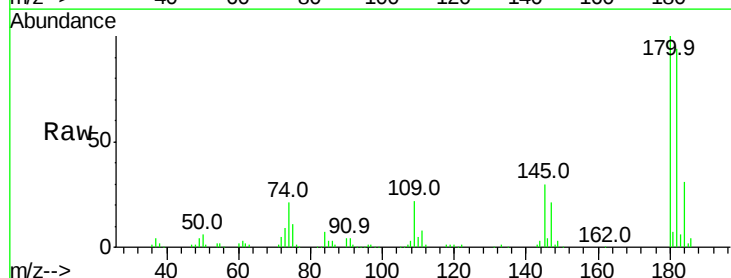


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

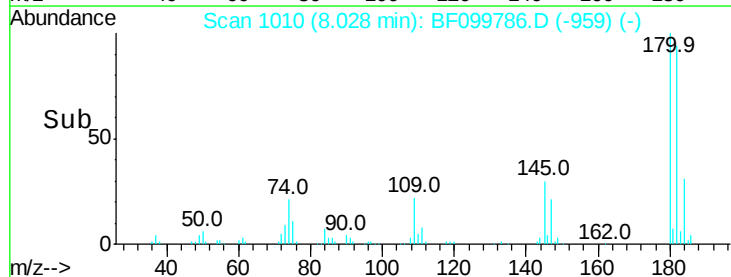
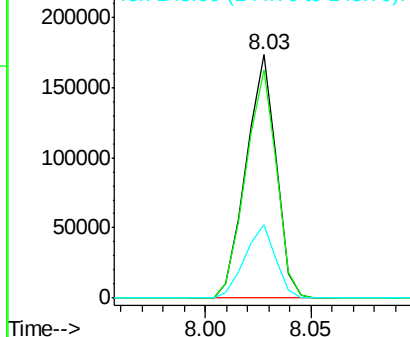


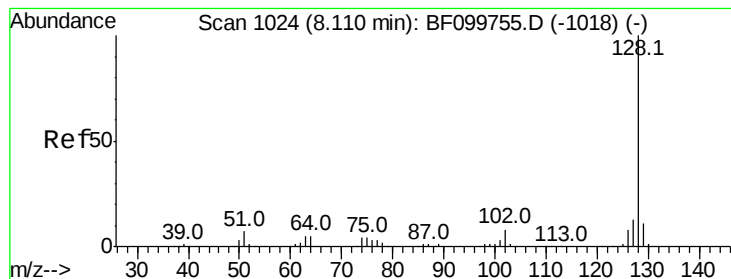
#30
 1,2,4-Trichlorobenzene
 Concen: 22.483 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

Tgt Ion:180 Resp: 171402
 Ion Ratio Lower Upper
 180 100
 182 93.9 76.8 115.2
 145 30.0 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: 22.548 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Instrument :

BNA_F

ClientSampleId :

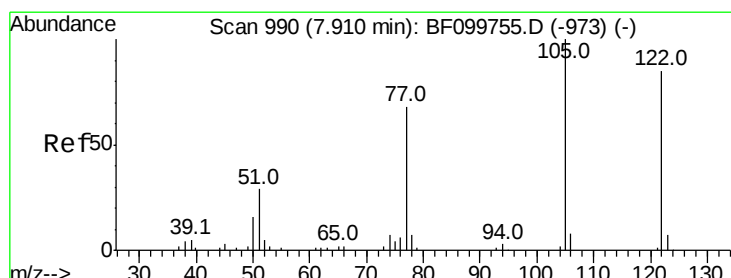
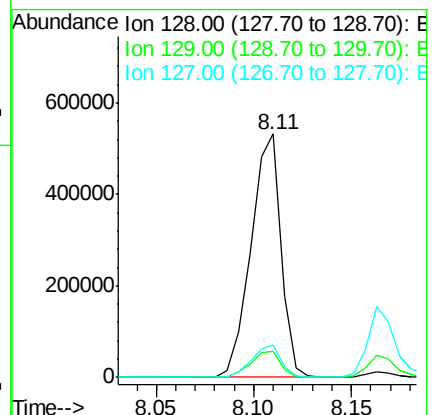
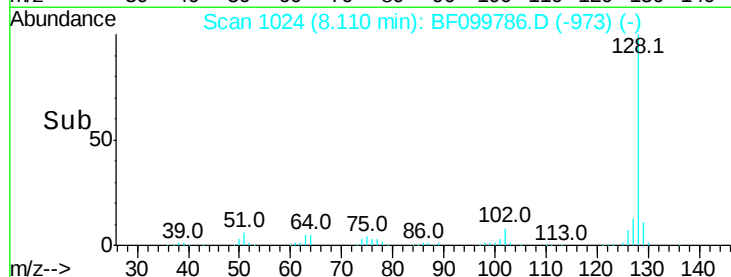
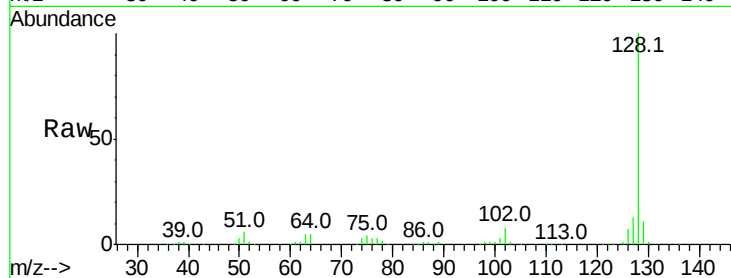
Tot Ion:128 Resp: 566010

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

127 13.4 10.9 16.3



#32

Benzoic acid

Concen: 17.923 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.02 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

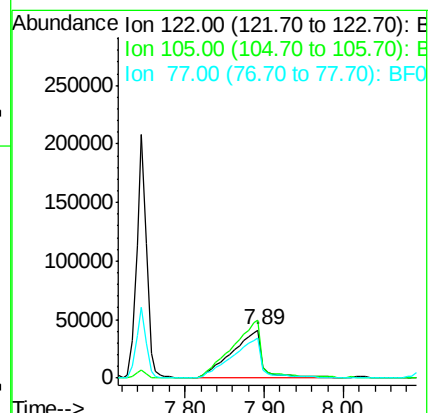
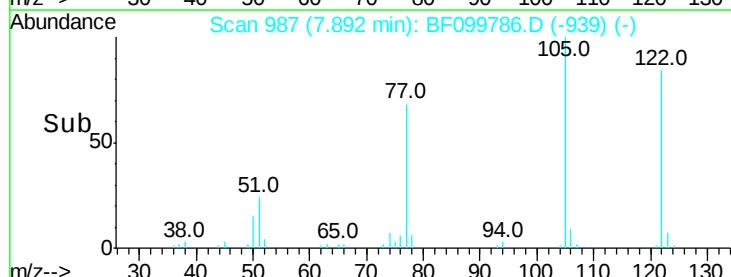
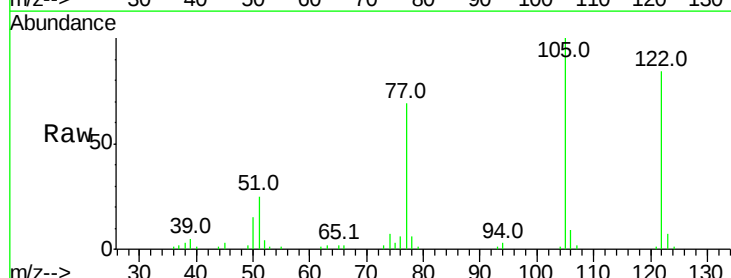
Tgt Ion:122 Resp: 108359

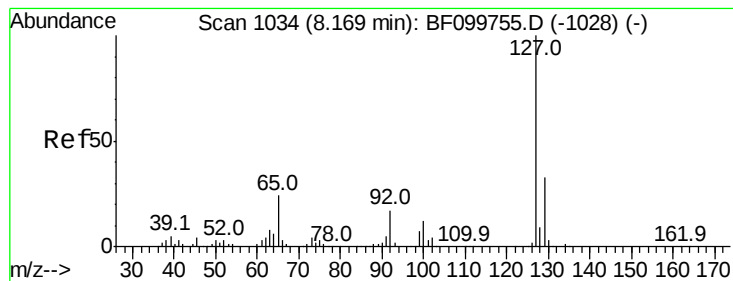
Ion Ratio Lower Upper

122 100

105 119.3 101.1 141.1

77 82.6 70.7 110.7





#33

4-Chloroaniline

Concen: 15.254 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 158120

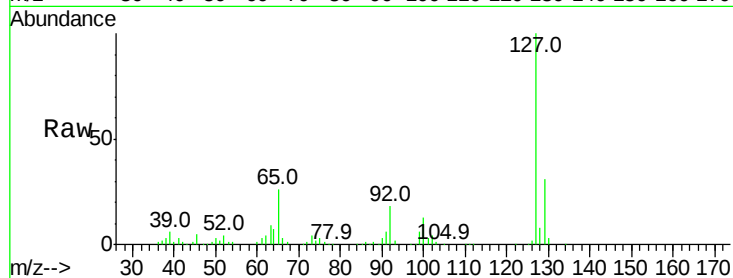
Ion Ratio Lower Upper

127 100

129 31.5 25.9 38.9

65 25.5 25.0 37.4

92 17.8 15.2 22.8

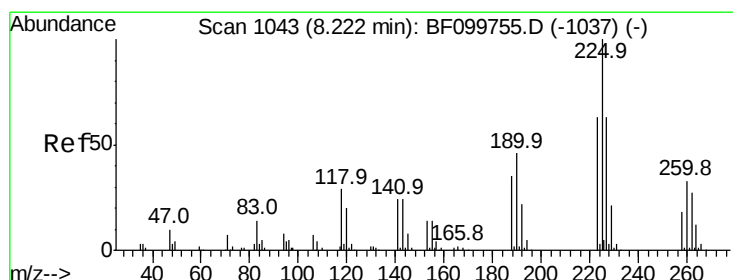
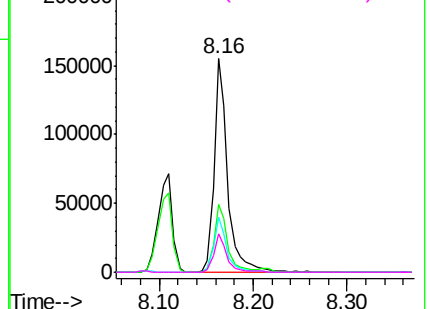
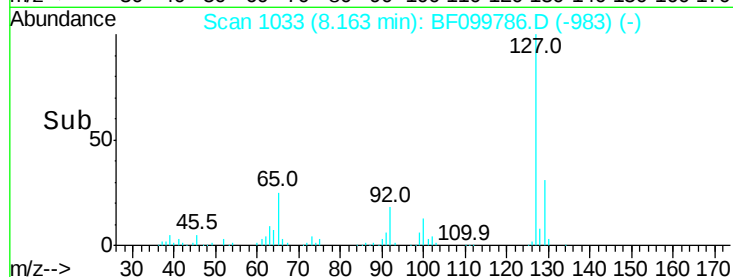


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 21.848 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

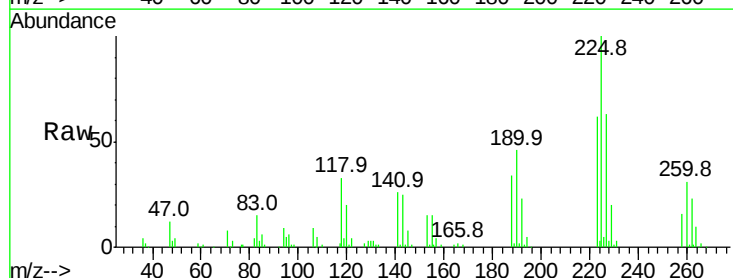
Tgt Ion:225 Resp: 85675

Ion Ratio Lower Upper

225 100

223 61.8 50.6 76.0

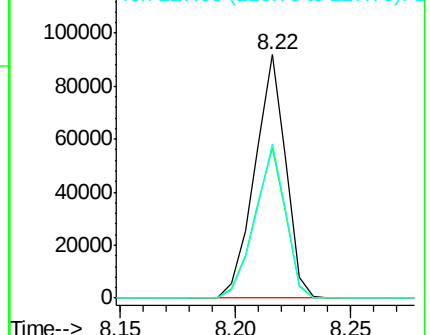
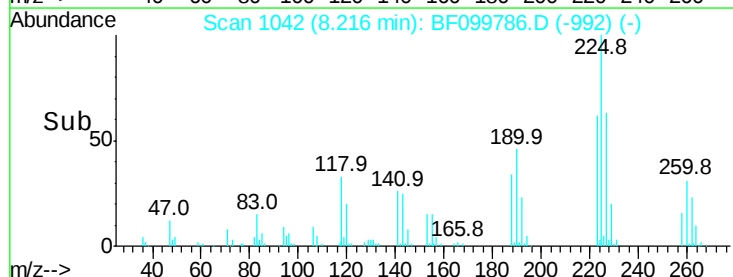
227 63.3 51.9 77.9

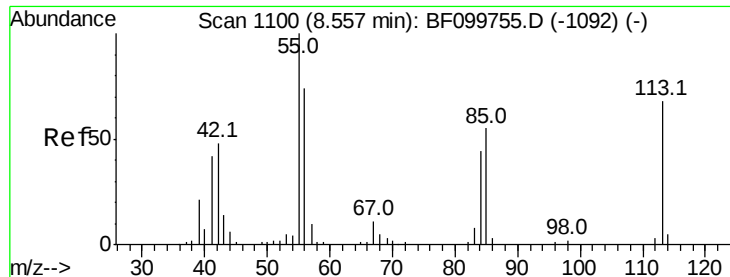


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 15.049 ng

RT: 8.54 min Scan# 1097

Delta R.T. -0.02 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Instrument :

BNA_F

ClientSampled :

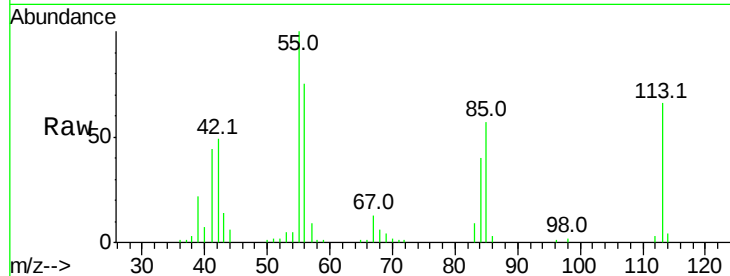
Tot Ion:113 Resp: 33768

Ion Ratio Lower Upper

113 100

55 150.7 163.3 203.3#

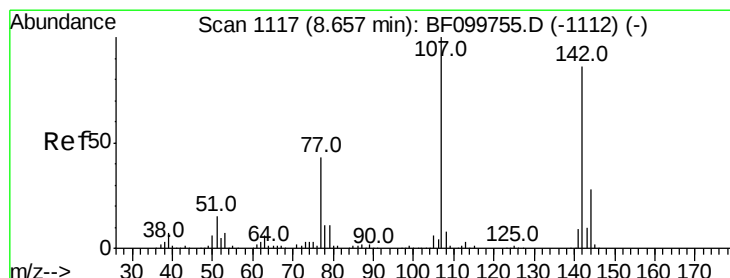
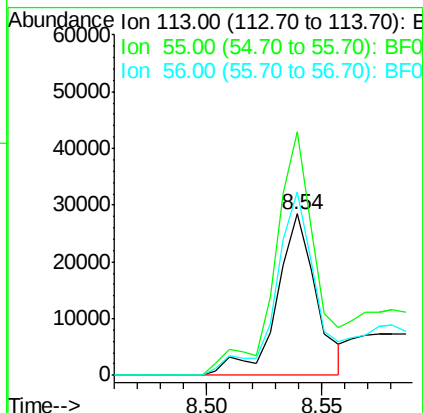
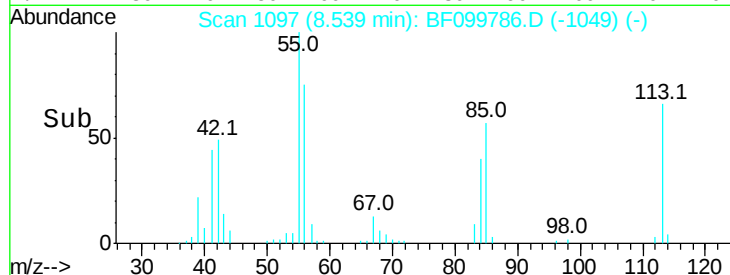
56 113.4 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 24.091 ng

RT: 8.66 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

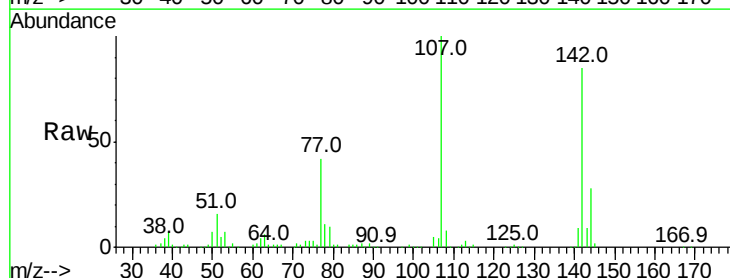
Tgt Ion:107 Resp: 175450

Ion Ratio Lower Upper

107 100

144 28.4 20.5 30.7

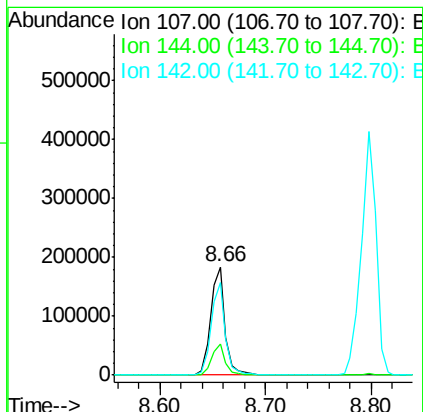
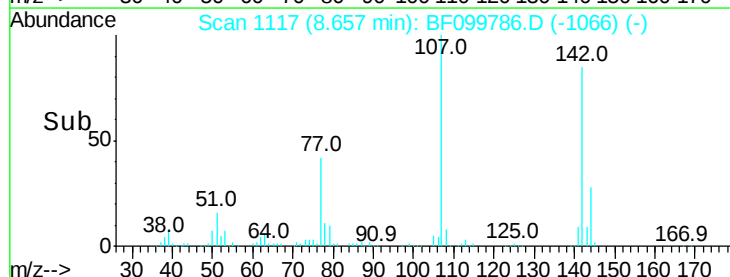
142 85.3 62.0 93.0

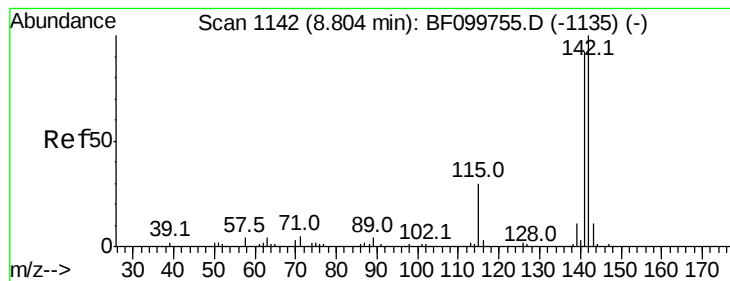


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 23.551 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Instrument :

BNA_F

ClientSampled :

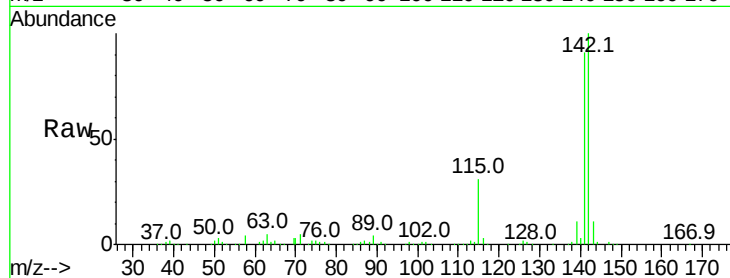
Tot Ion:142 Resp: 396192

Ion Ratio Lower Upper

142 100

141 91.0 70.8 106.2

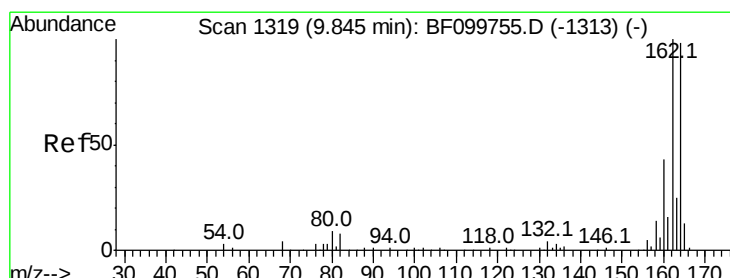
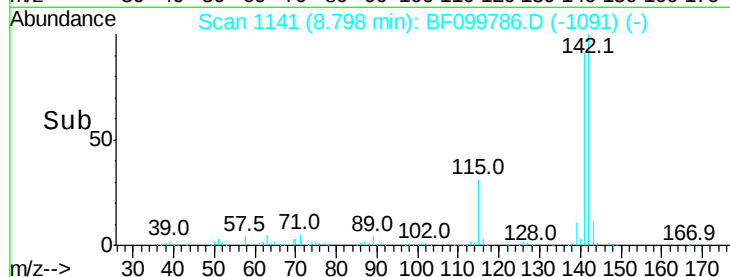
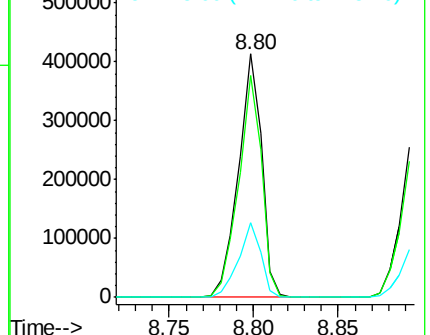
115 30.6 26.1 39.1



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: 9.85 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

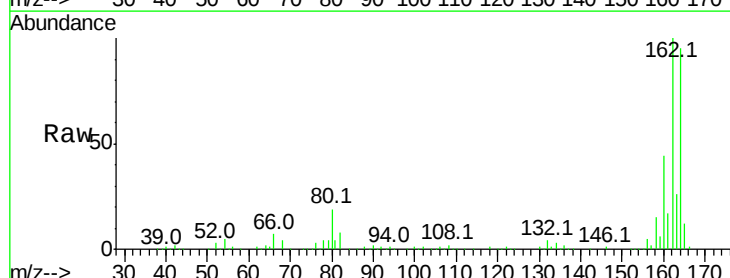
Tgt Ion:164 Resp: 256515

Ion Ratio Lower Upper

164 100

162 105.0 86.1 129.1

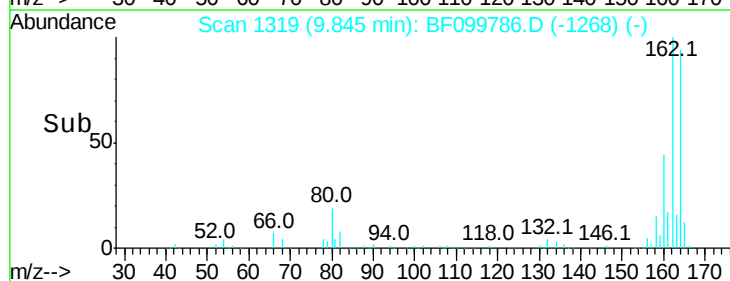
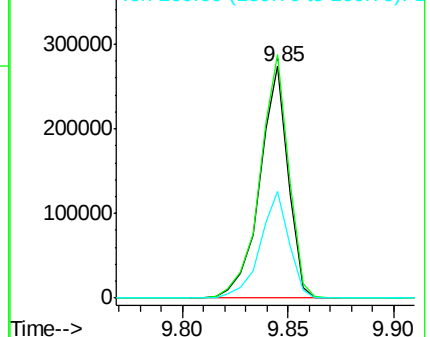
160 46.1 38.3 57.5

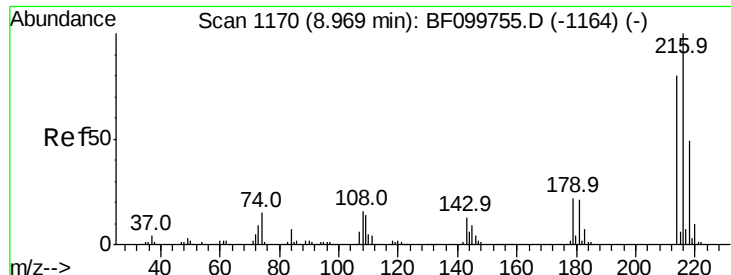


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

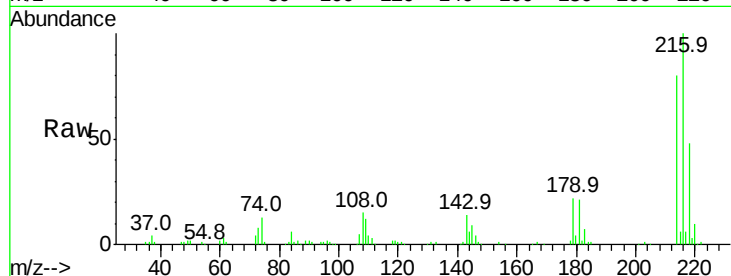




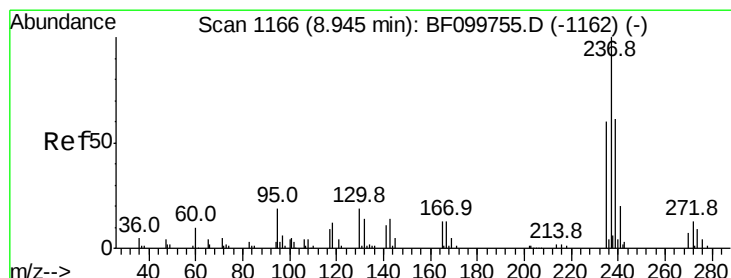
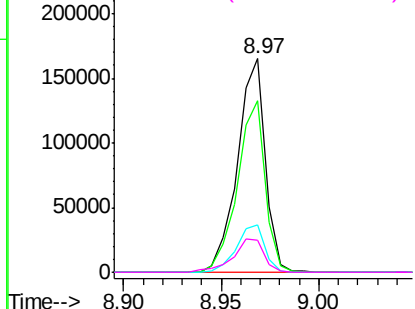
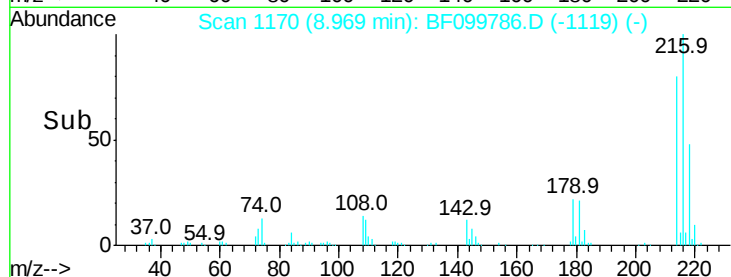
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 19.743 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	163570
Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.0	94.4
179	22.5	18.1	27.1
108	17.8	17.2	25.8

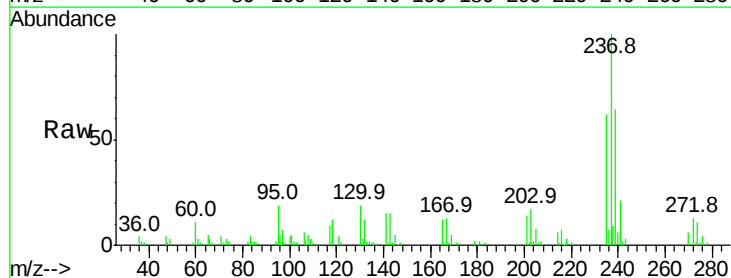


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

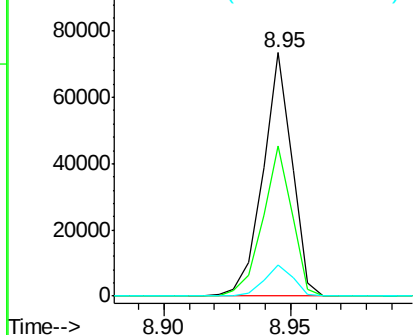
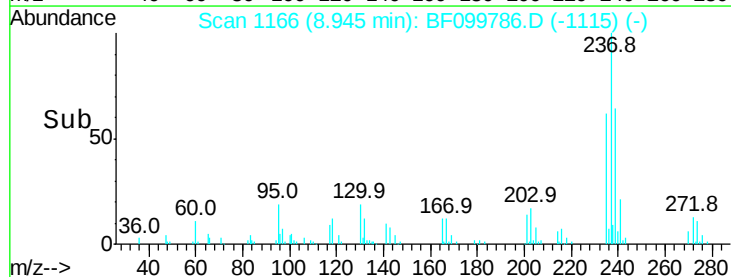


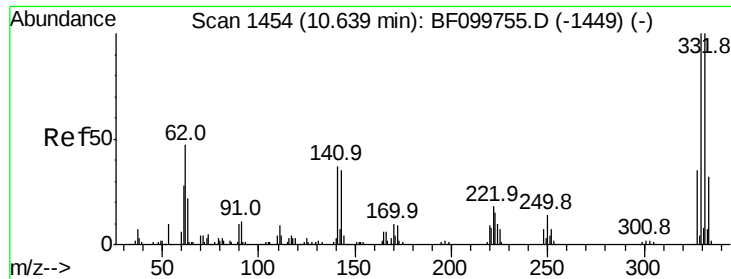
#40
 Hexachlorocyclopentadiene
 Concen: 44.053 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

Tgt Ion:	237	Resp:	58914
Ion	Ratio	Lower	Upper
237	100		
235	61.9	44.8	84.8
272	12.9	0.0	33.3



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

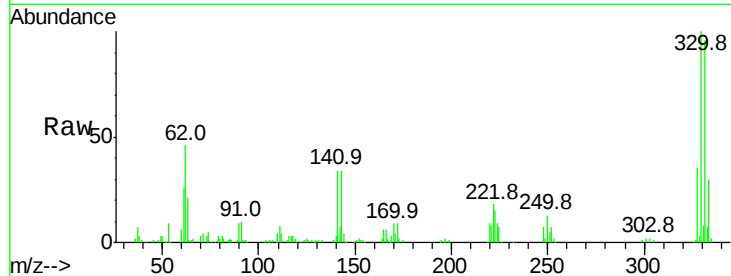




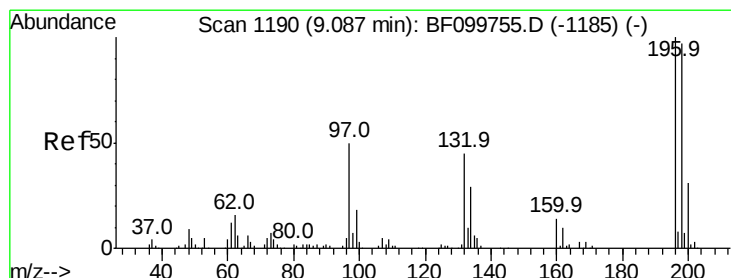
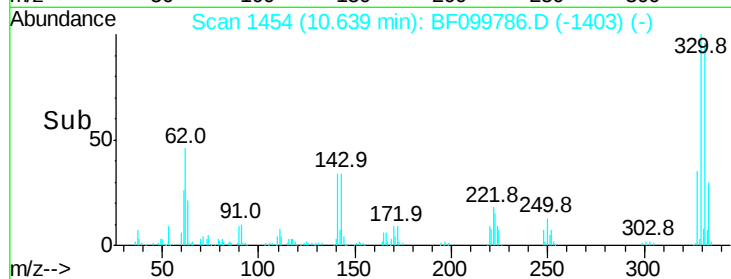
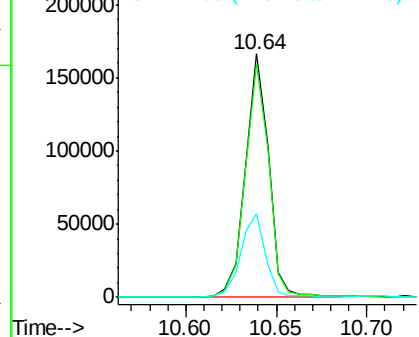
#41
 2,4,6-Tribromophenol
 Concen: 63.811 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	36.6	29.9	44.9

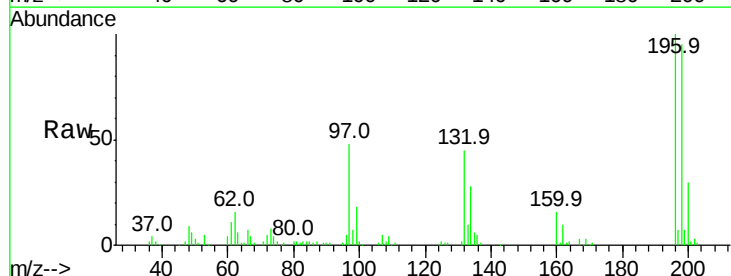


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

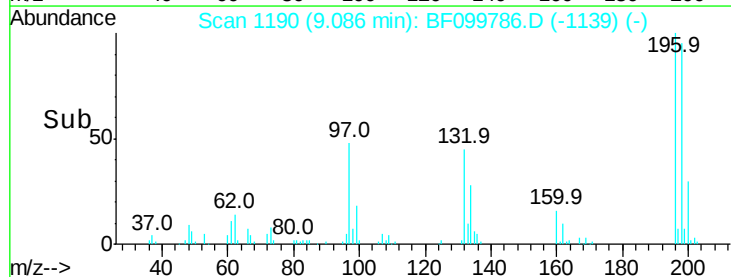
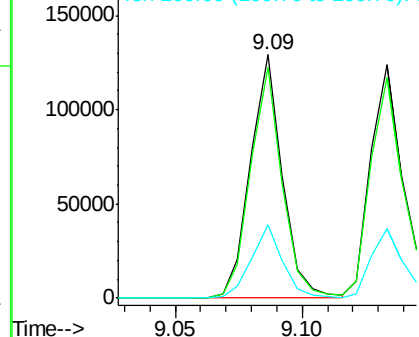


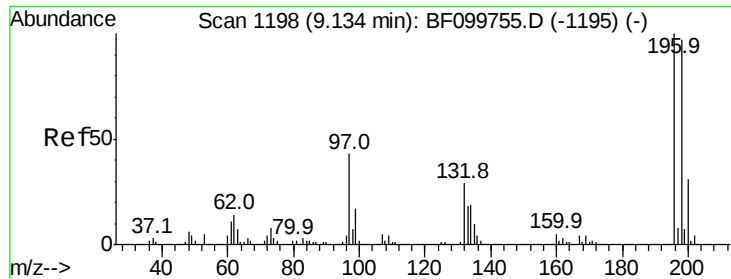
#42
 2,4,6-Trichlorophenol
 Concen: 22.656 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	75.7	113.5
200	30.2	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

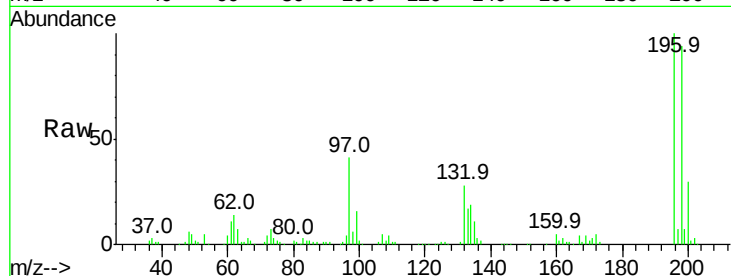




#43
 2,4,5-Trichlorophenol
 Concen: 22.078 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.3	74.6	112.0
97	41.2	42.9	64.3
132	28.1	26.3	39.5



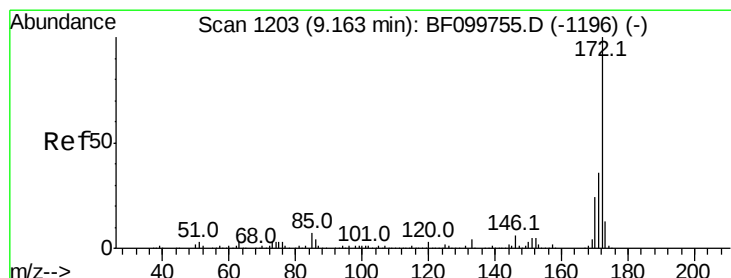
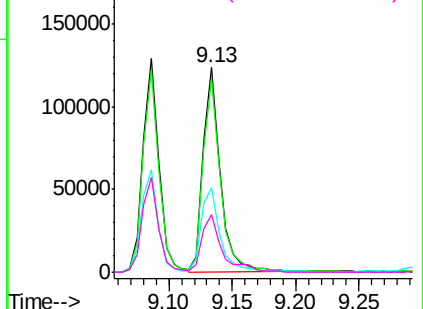
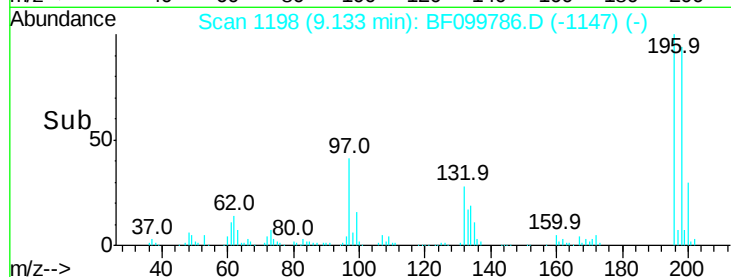
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

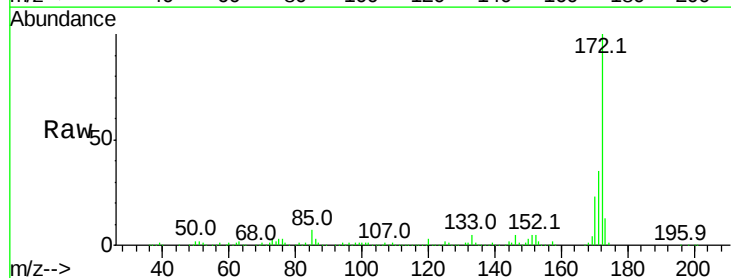
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 46.784 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.5	19.6	29.4

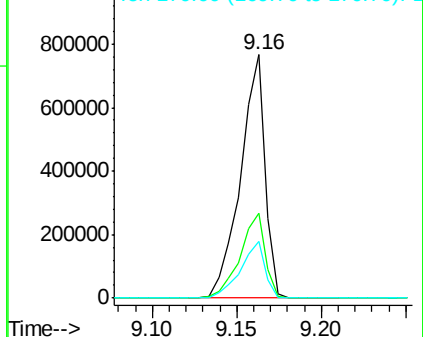
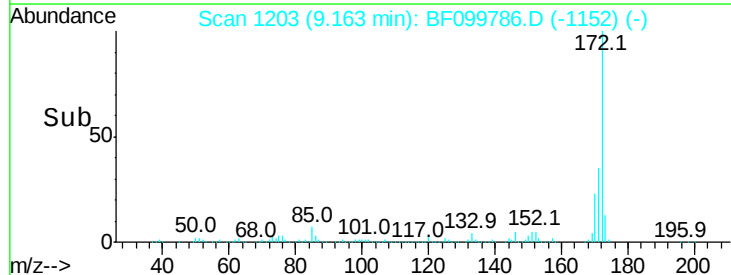


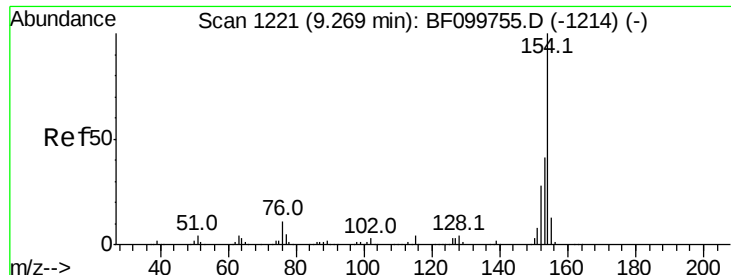
Abundance

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

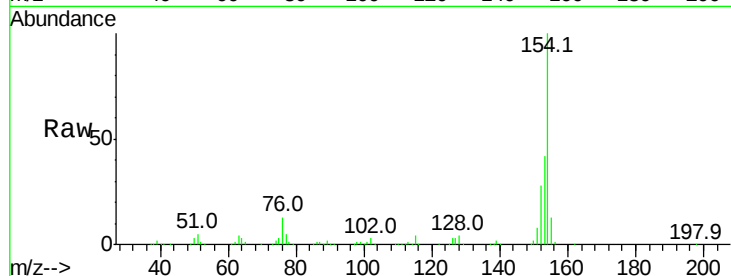




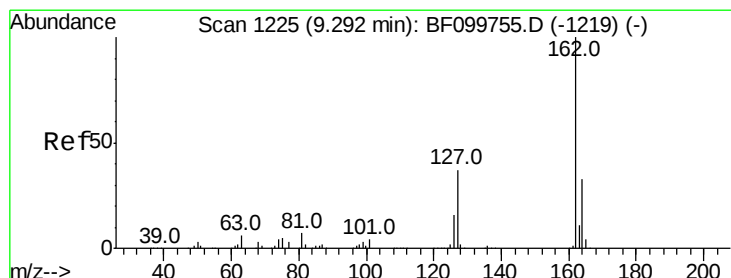
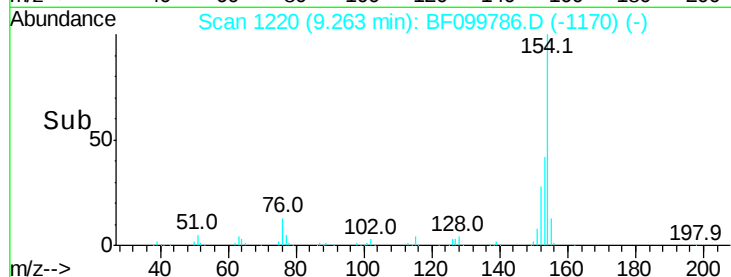
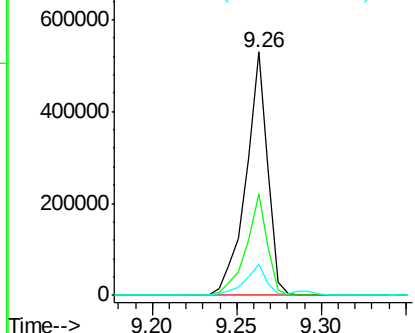
#45
 1,1'-Biphenyl
 Concen: 20.358 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 472414
 Ion Ratio Lower Upper
 154 100
 153 41.6 21.3 61.3
 76 12.7 0.0 34.0

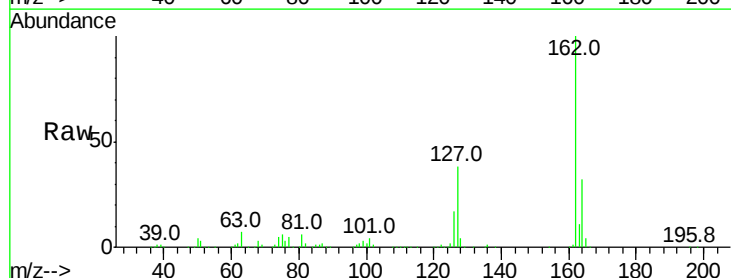


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

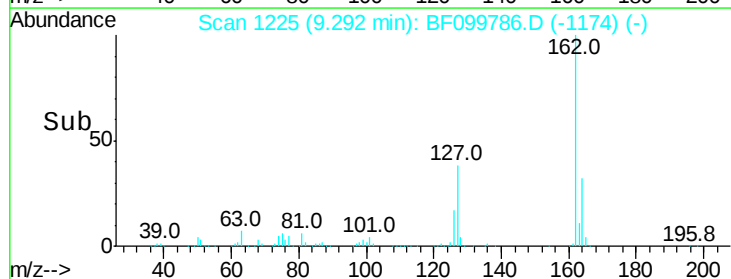
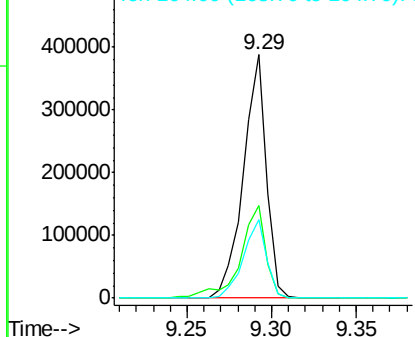


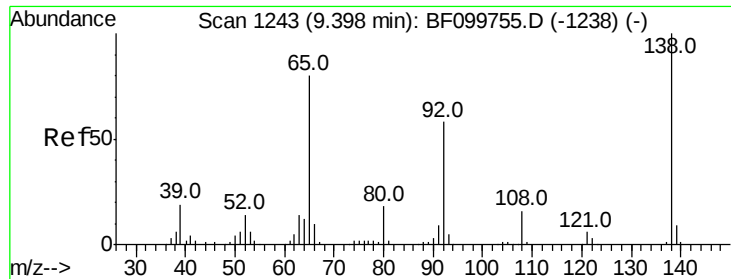
#46
 2-Chloronaphthalene
 Concen: 21.932 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

Tgt Ion:162 Resp: 369621
 Ion Ratio Lower Upper
 162 100
 127 37.8 33.9 50.9
 164 32.4 26.5 39.7



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

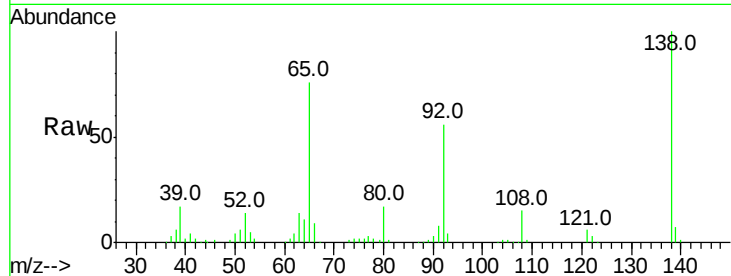




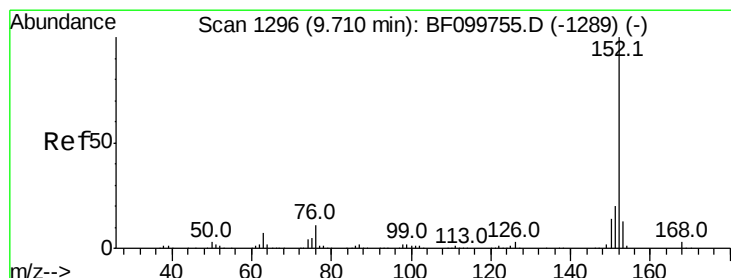
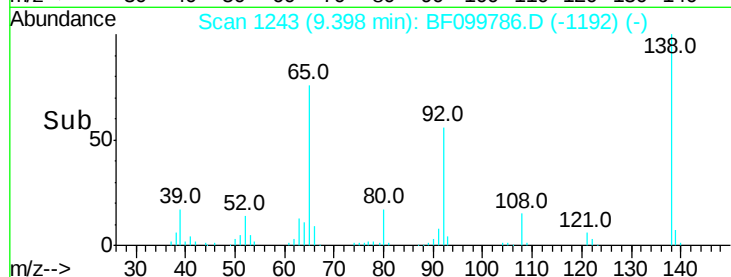
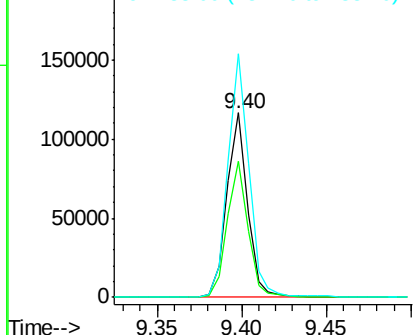
#47
2-Nitroaniline
Concen: 22.483 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 99444
Ion Ratio Lower Upper
65 100
92 73.6 55.8 83.6
138 132.1 91.2 136.8

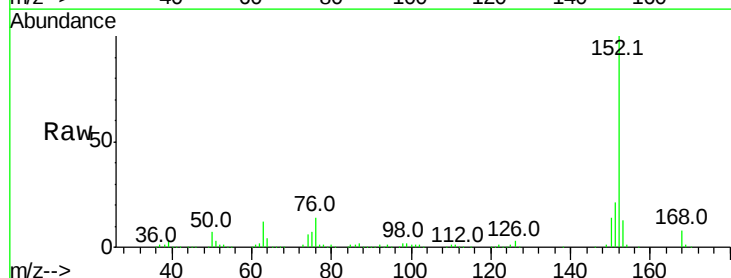


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

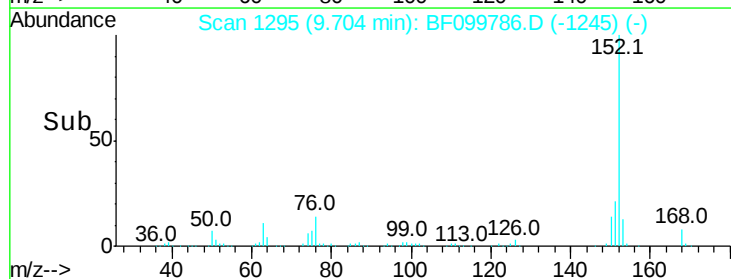
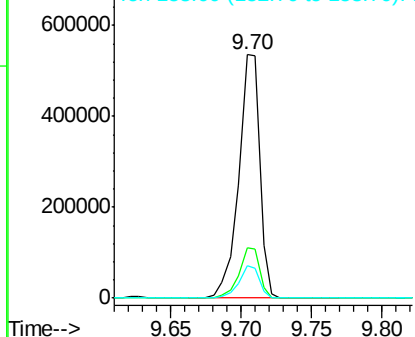


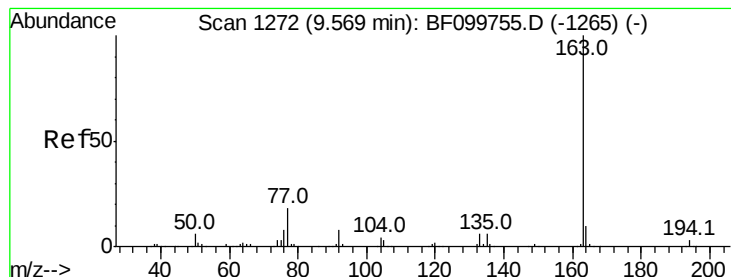
#48
Acenaphthylene
Concen: 21.493 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Tgt Ion:152 Resp: 557882
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.4 10.7 16.1



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





#49

Dimethylphthalate

Concen: 21.845 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Instrument :

BNA_F

ClientSampleId :

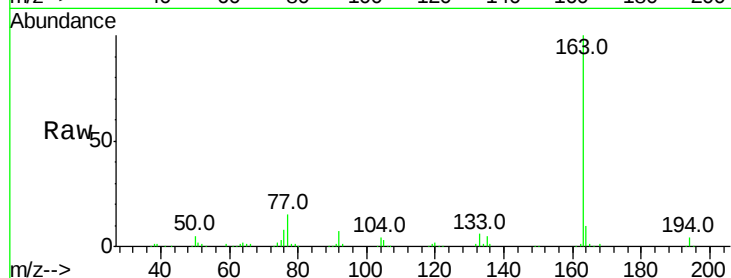
Tot Ion:163 Resp: 443765

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

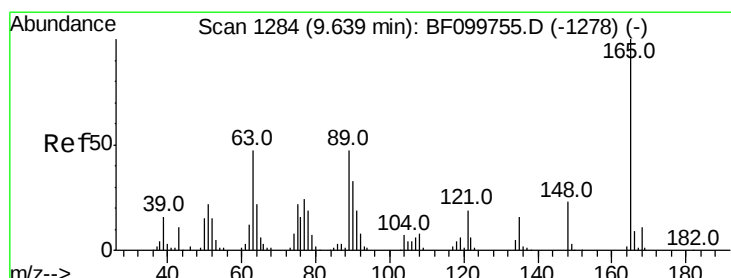
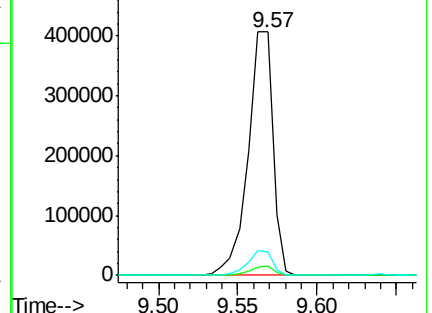
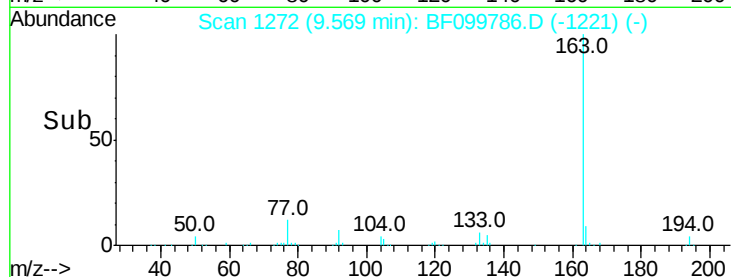
164 9.6 8.2 12.2



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: 23.260 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

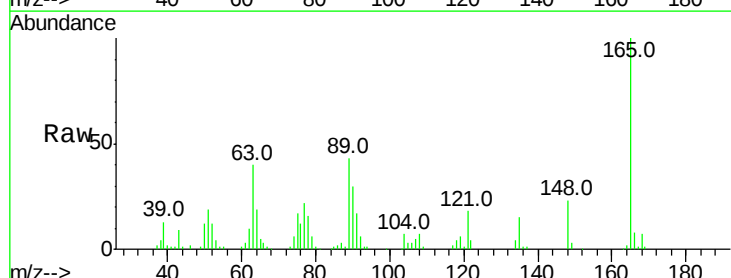
Tgt Ion:165 Resp: 99331

Ion Ratio Lower Upper

165 100

63 39.6 44.7 67.1#

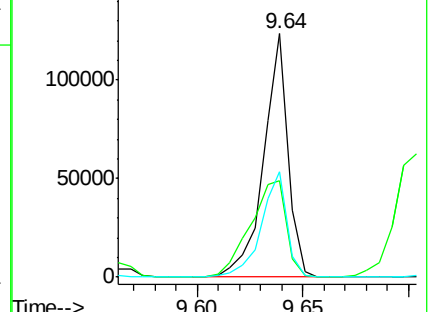
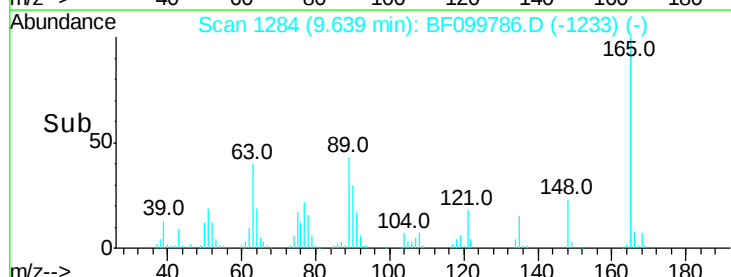
89 43.2 44.0 66.0#

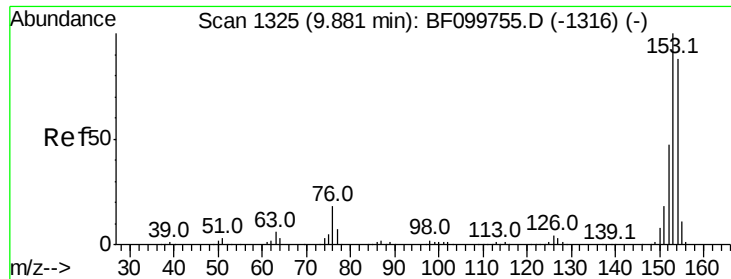


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 21.210 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Instrument :

BNA_F

ClientSampled :

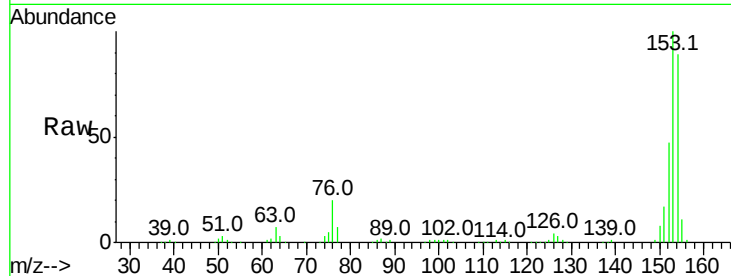
Tot Ion:154 Resp: 336384

Ion Ratio Lower Upper

154 100

153 112.9 91.2 136.8

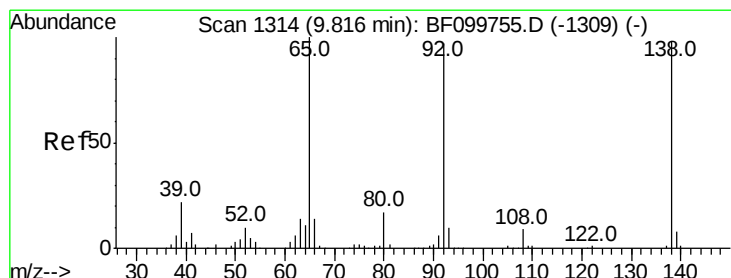
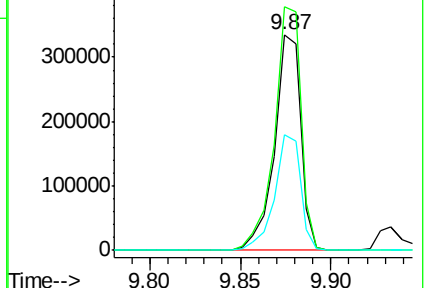
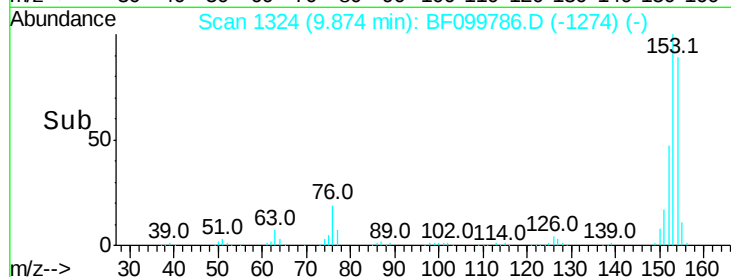
152 53.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 15.997 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

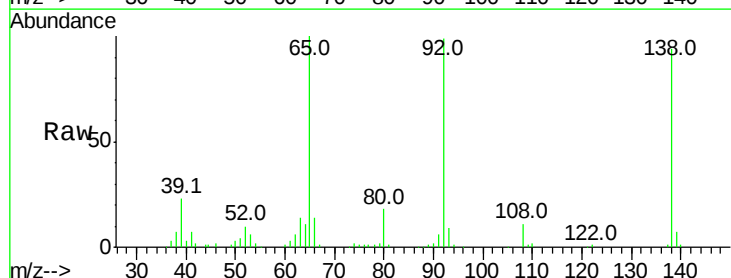
Tgt Ion:138 Resp: 80495

Ion Ratio Lower Upper

138 100

108 11.3 9.4 14.0

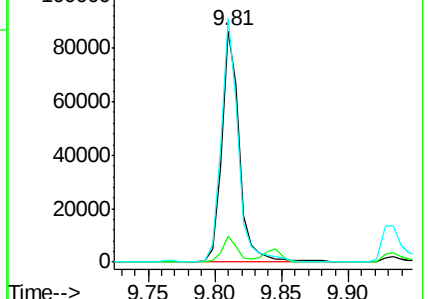
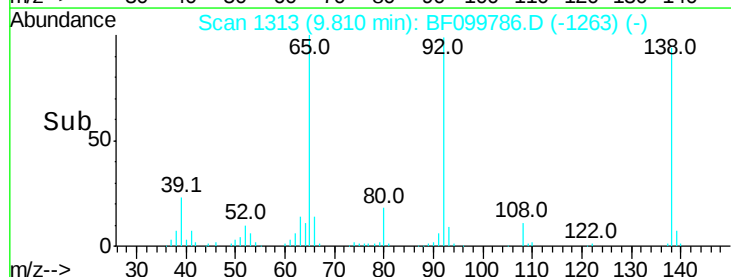
92 105.2 89.4 134.2

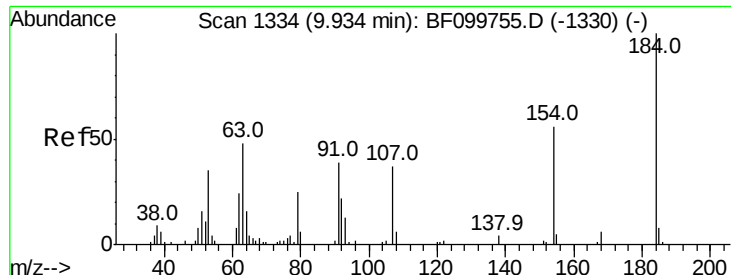


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

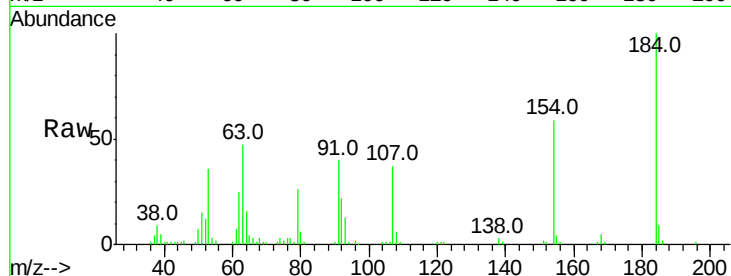




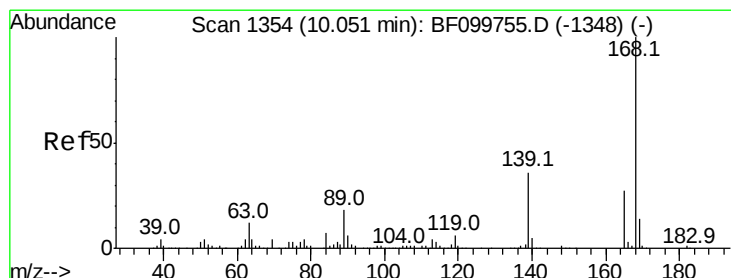
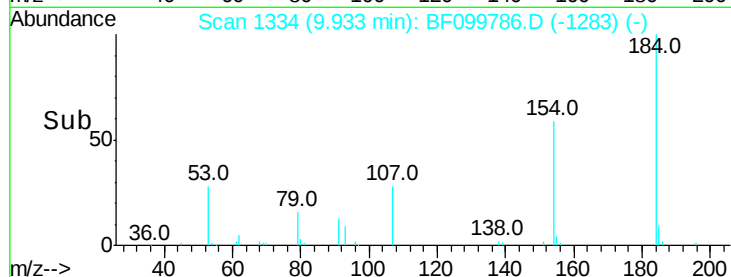
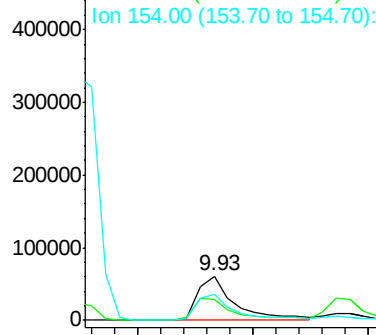
#53
 2,4-Dinitrophenol
 Concen: 42.961 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 67590
 Ion Ratio Lower Upper
 184 100
 63 47.4 54.2 81.2#
 154 59.1 53.5 80.3

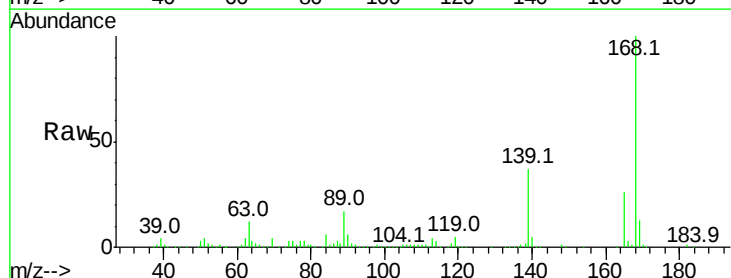


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

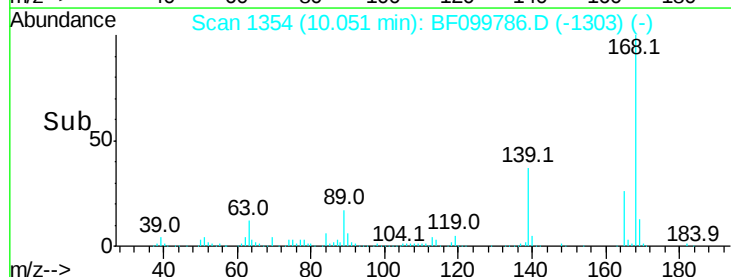
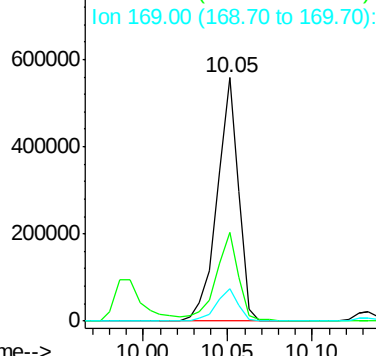


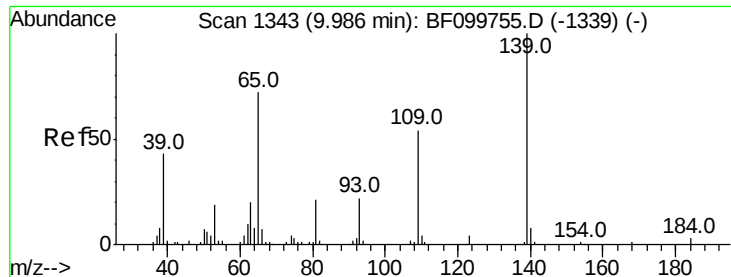
#54
 Dibenzofuran
 Concen: 22.127 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

Tgt Ion:168 Resp: 495365
 Ion Ratio Lower Upper
 168 100
 139 36.5 30.1 45.1
 169 13.2 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

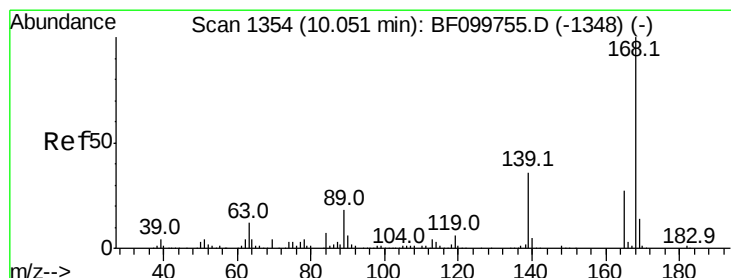
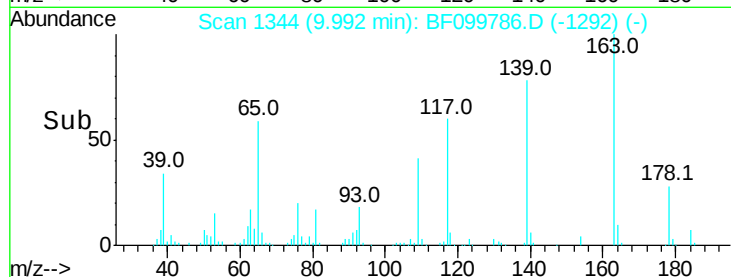
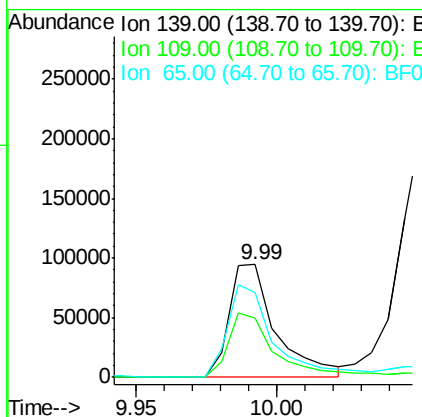
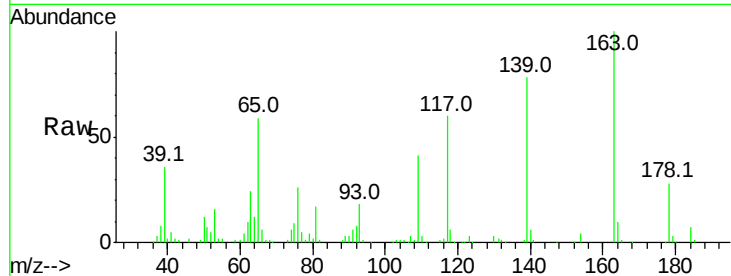




#55
4-Nitrophenol
Concen: 41.671 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

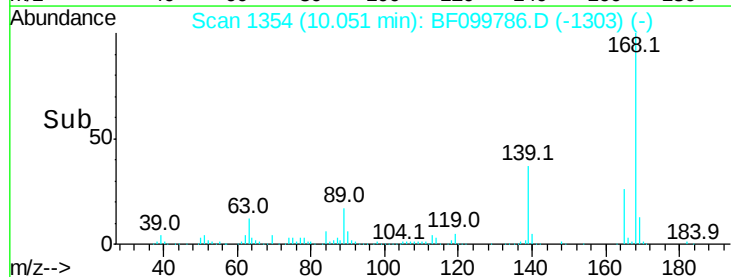
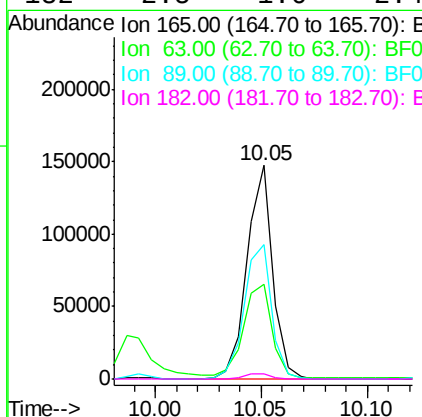
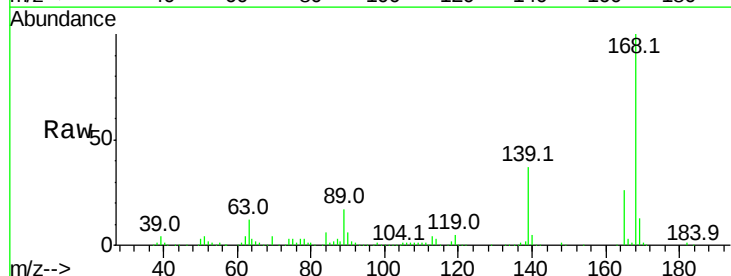
Instrument :
BNA_F
ClientSampled :

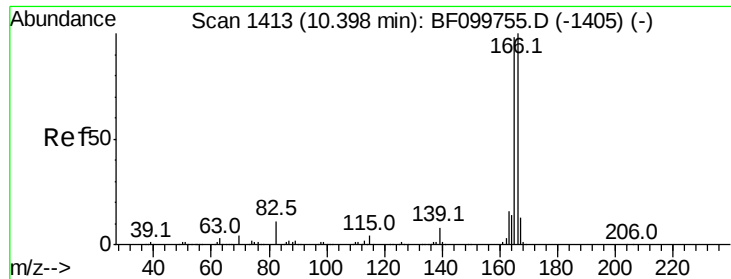
Tot Ion:139 Resp: 109559
Ion Ratio Lower Upper
139 100
109 53.0 48.4 88.4
65 74.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 24.105 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Tgt Ion:165 Resp: 123968
Ion Ratio Lower Upper
165 100
63 44.5 36.4 54.6
89 63.2 57.8 86.6
182 2.5 1.6 2.4#

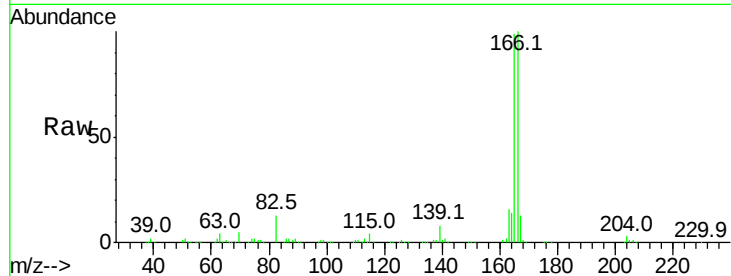




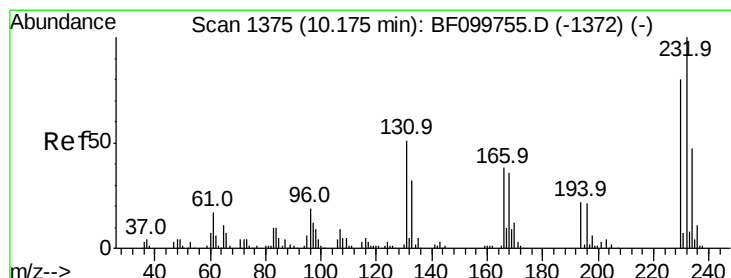
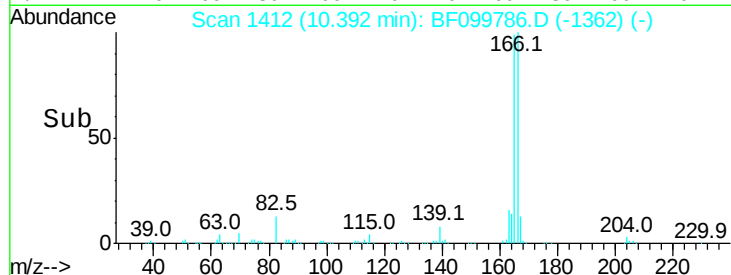
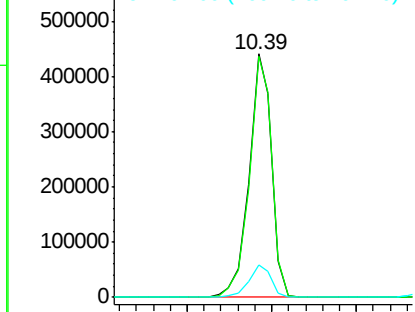
#57
 Fluorene
 Concen: 22.102 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 409679
 Ion Ratio Lower Upper
 166 100
 165 99.2 79.8 119.8
 167 13.5 10.6 16.0



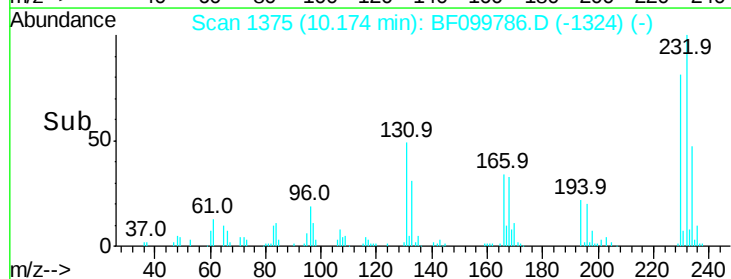
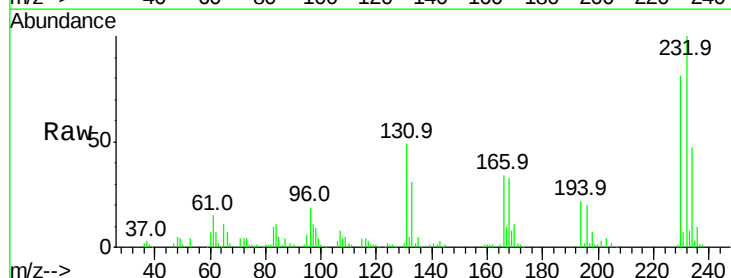
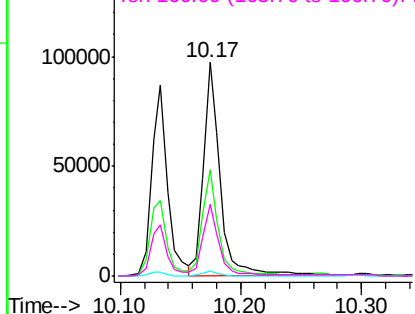
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

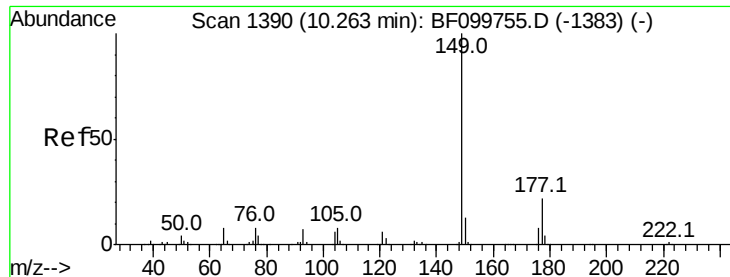


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 24.680 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

Tgt Ion:232 Resp: 92020
 Ion Ratio Lower Upper
 232 100
 131 47.2 43.8 65.8
 130 2.2 2.1 3.1
 166 32.9 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

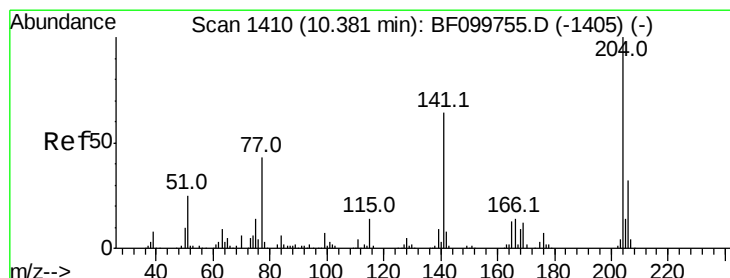
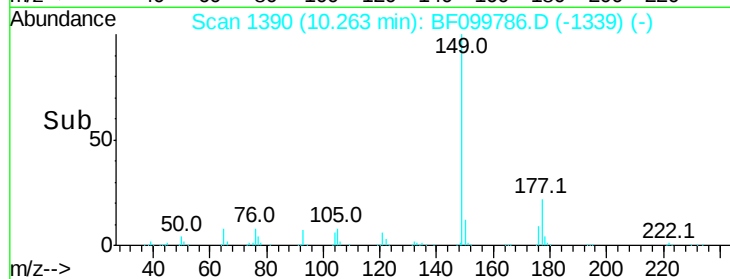
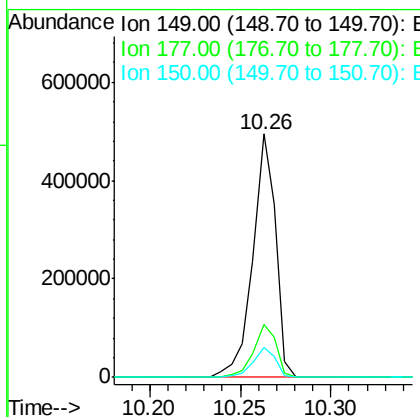
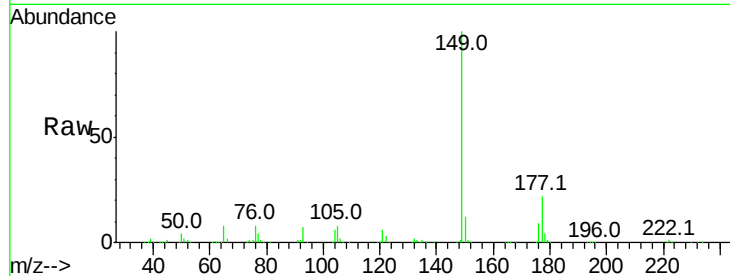




#59
Diethylphthalate
Concen: 21.874 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

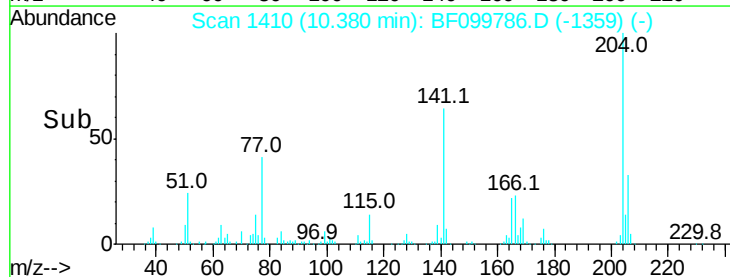
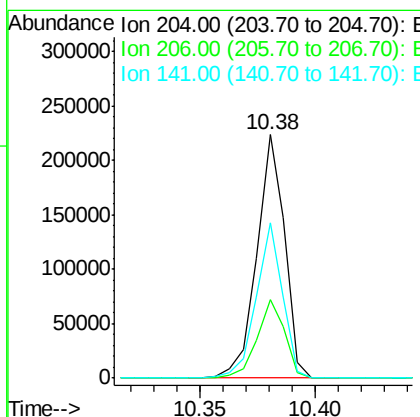
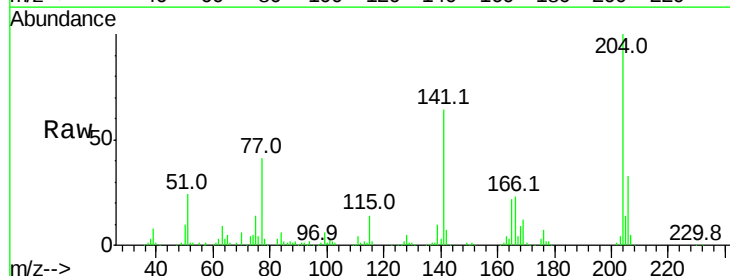
Instrument :
BNA_F
ClientSampleId :

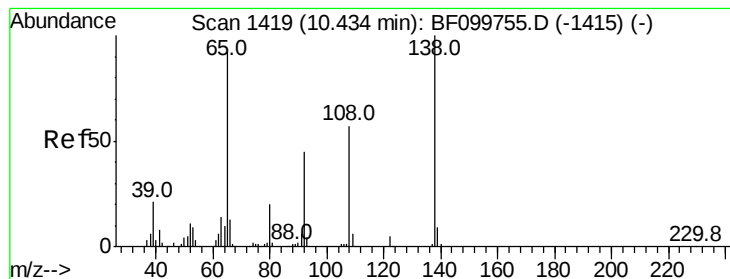
Tot Ion:149 Resp: 433916
Ion Ratio Lower Upper
149 100
177 21.5 16.1 24.1
150 12.3 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 21.543 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Tgt Ion:204 Resp: 187939
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 63.9 54.6 81.8





#61

4-Nitroaniline

Concen: 22.614 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Instrument :

BNA_F

ClientSampleId :

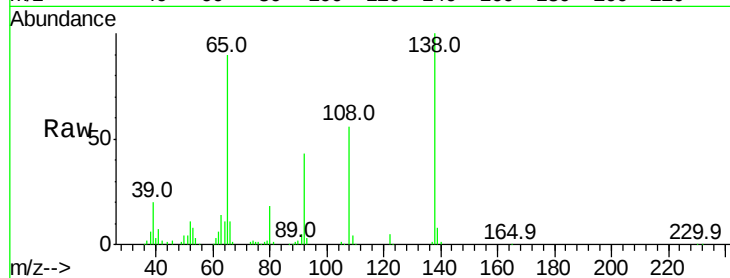
Tot Ion:138 Resp: 108564

Ion Ratio Lower Upper

138 100

92 43.3 30.2 70.2

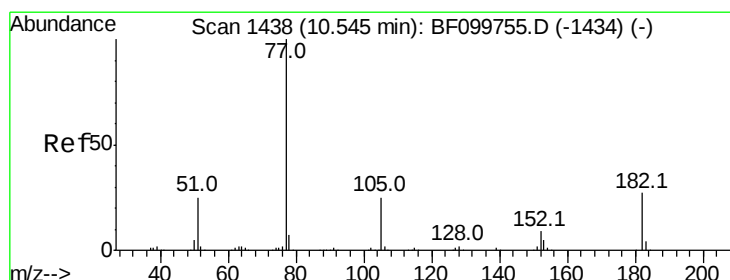
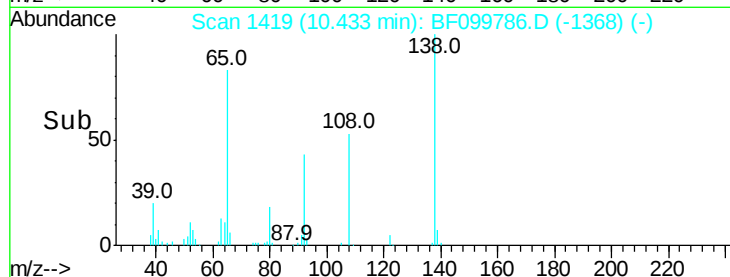
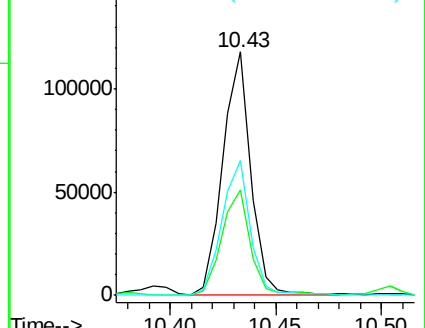
108 55.6 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 22.808 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Tgt Ion: 77 Resp: 379273

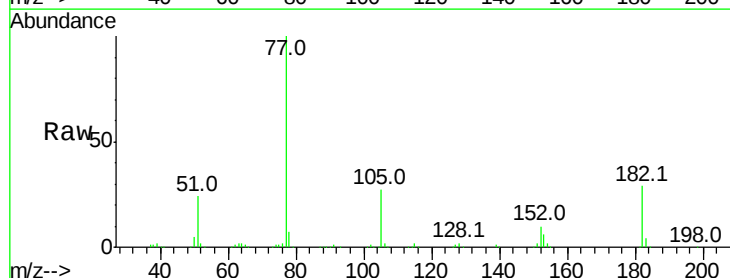
Ion Ratio Lower Upper

77 100

182 29.2 1.7 41.7

105 26.5 3.0 43.0

51 24.0 9.9 49.9

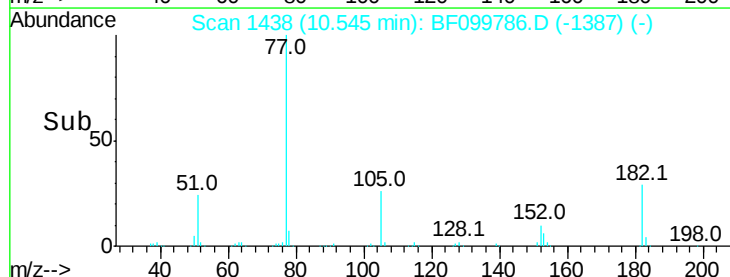
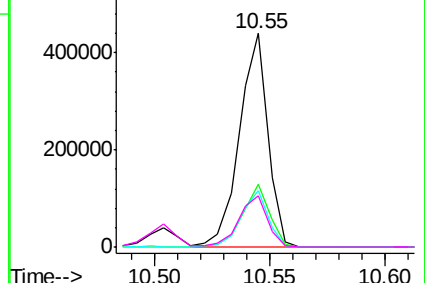


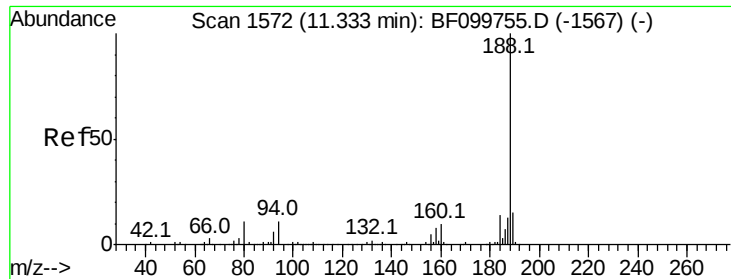
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Instrument :

BNA_F

ClientSampleId :

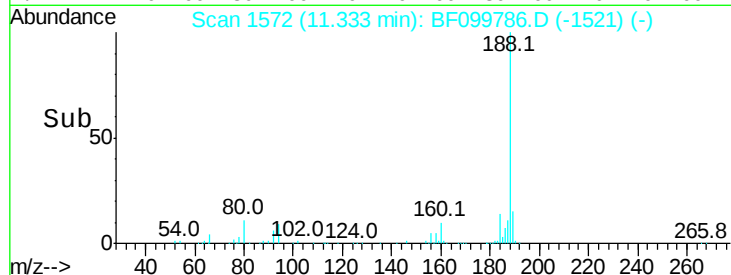
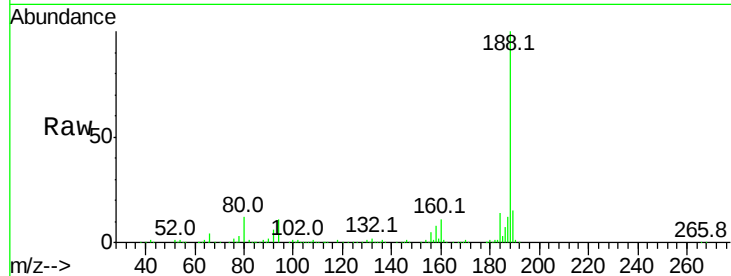
Tot Ion:188 Resp: 477539

Ion Ratio Lower Upper

188 100

94 11.2 8.5 12.7

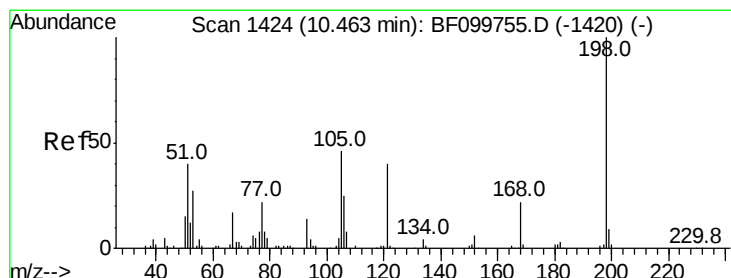
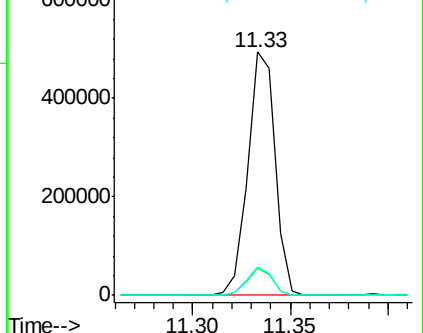
80 11.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 18.707 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

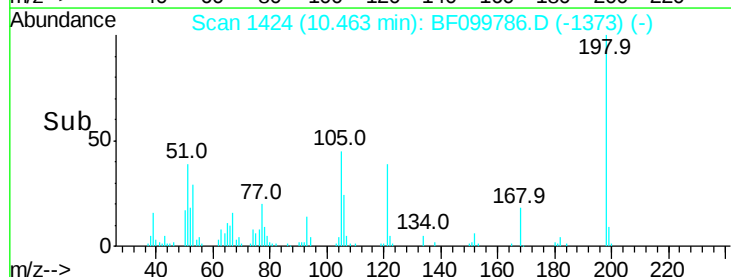
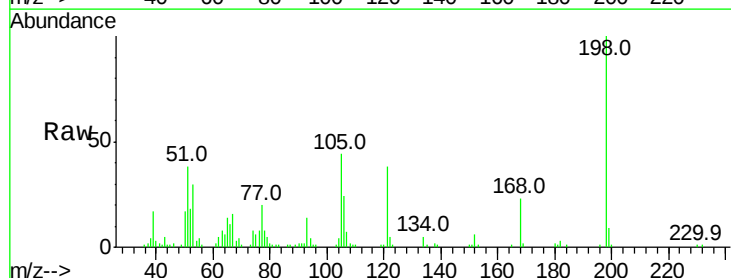
Tgt Ion:198 Resp: 56155

Ion Ratio Lower Upper

198 100

51 38.2 37.7 77.7

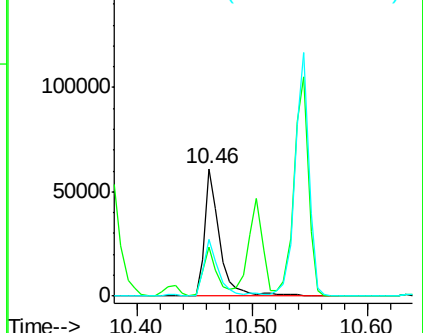
105 44.2 36.3 76.3

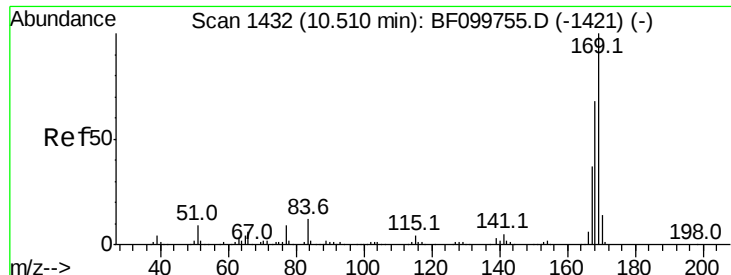


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

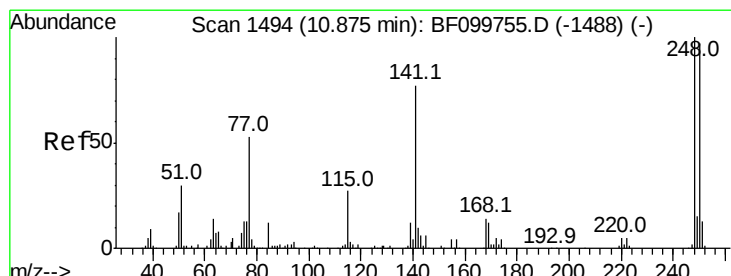
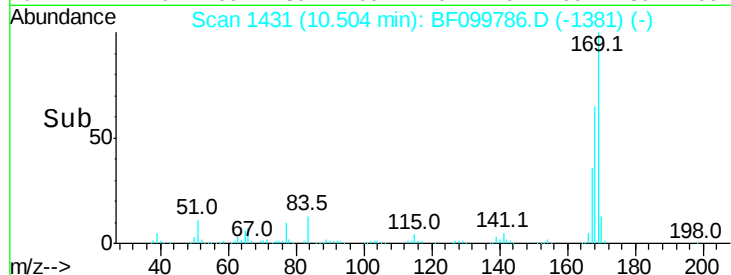
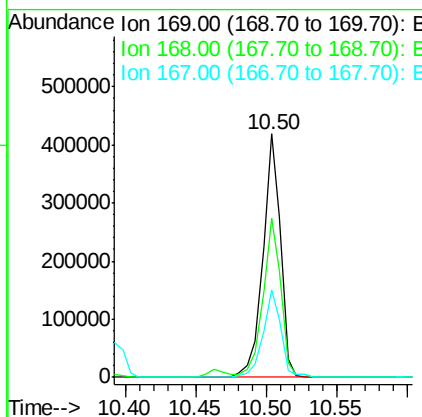
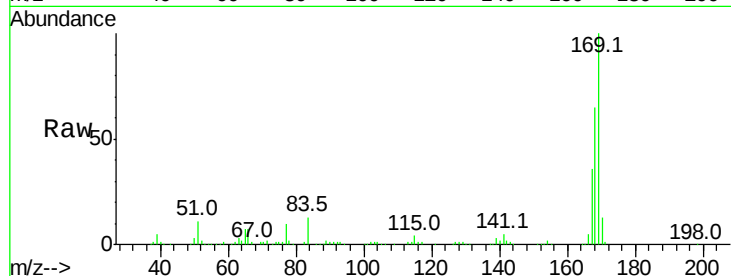




#65
n-Nitrosodiphenylamine
Concen: 21.007 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

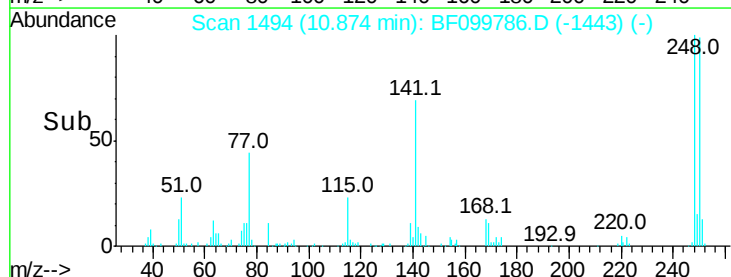
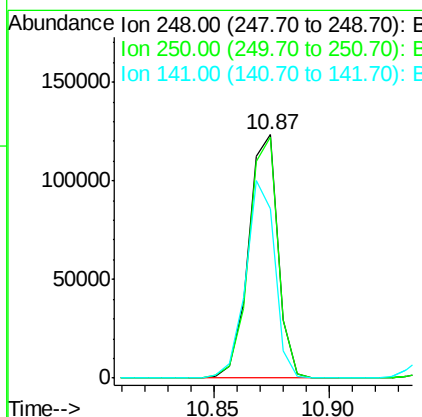
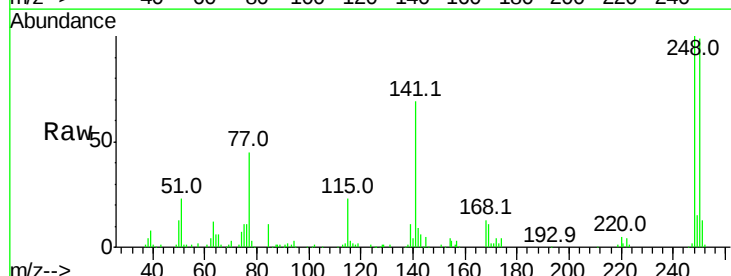
Instrument :
BNA_F
ClientSampleId :

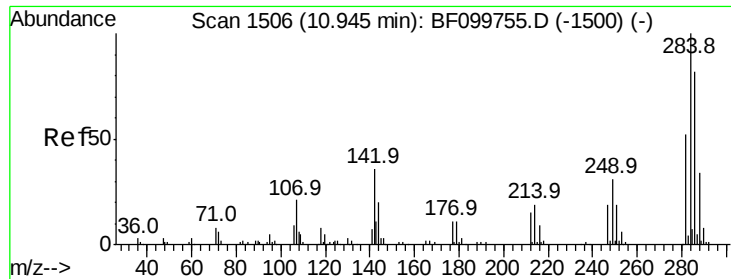
Tot Ion:169 Resp: 370308
Ion Ratio Lower Upper
169 100
168 65.5 54.4 81.6
167 36.1 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 21.943 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Tgt Ion:248 Resp: 110314
Ion Ratio Lower Upper
248 100
250 99.3 76.9 115.3
141 69.5 74.4 111.6#





#67

Hexachlorobenzene

Concen: 22.146 ng

RT: 10.95 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Instrument :

BNA_F

ClientSampleId :

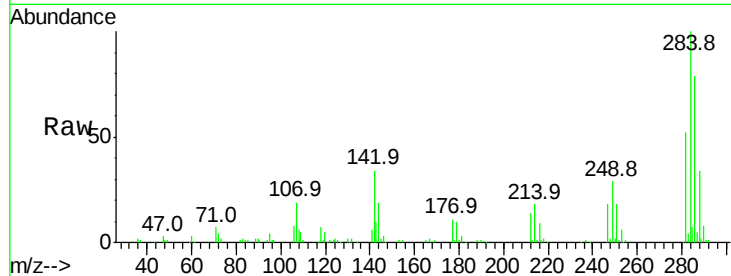
Tot Ion:284 Resp: 113901

Ion Ratio Lower Upper

284 100

142 33.6 34.6 52.0#

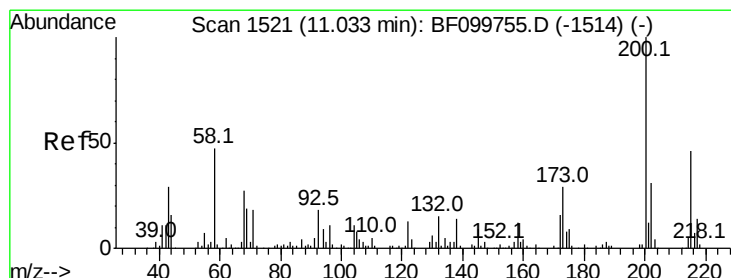
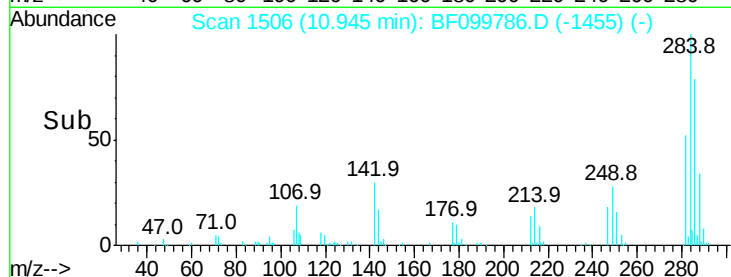
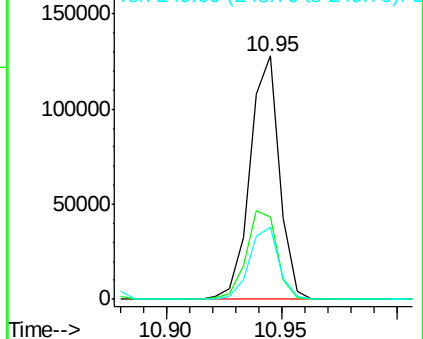
249 29.4 24.8 37.2



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: 21.929 ng

RT: 11.03 min Scan# 1521

Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

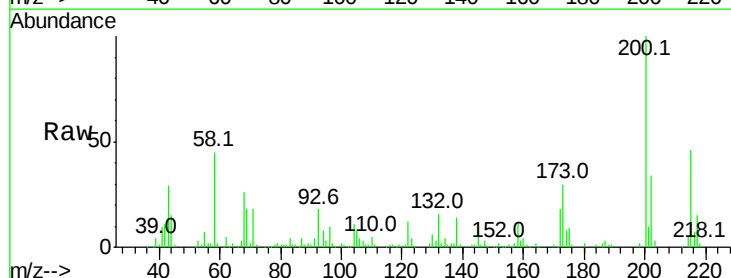
Tgt Ion:200 Resp: 116117

Ion Ratio Lower Upper

200 100

173 29.5 8.6 48.6

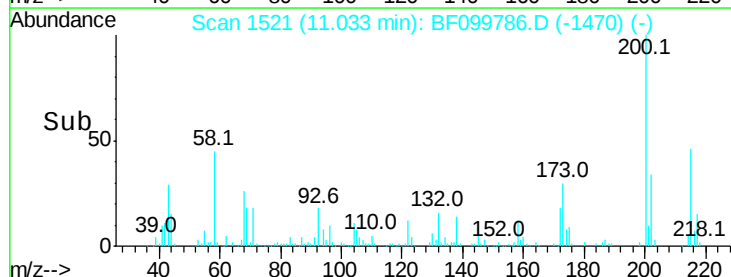
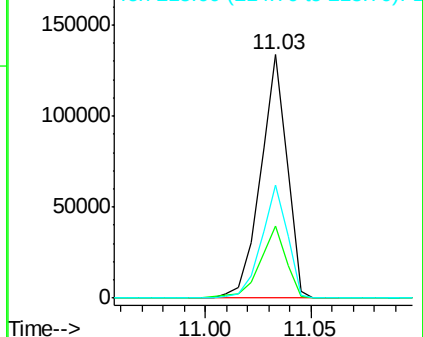
215 46.4 25.1 65.1

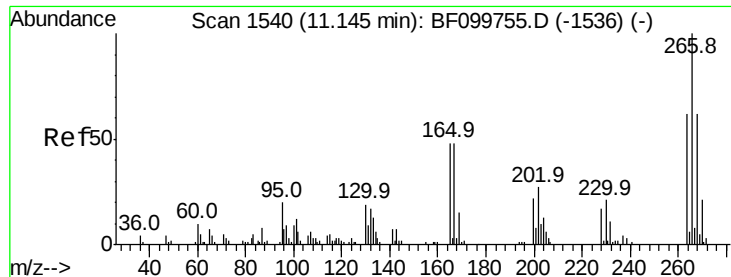


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

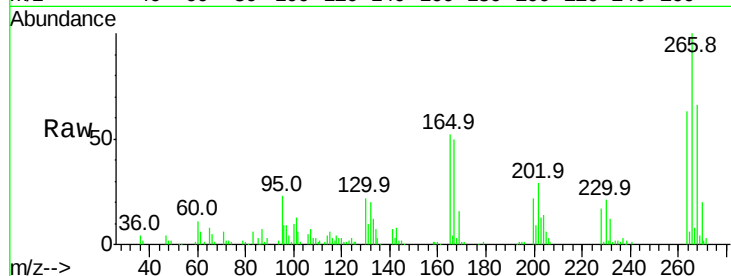




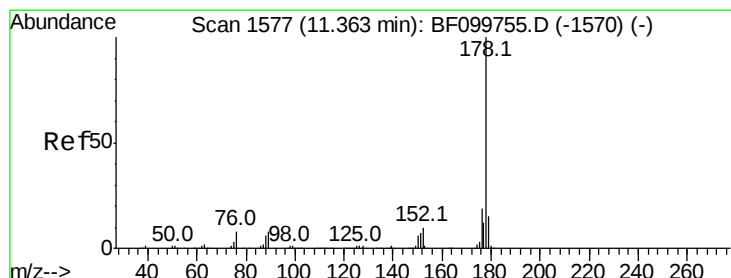
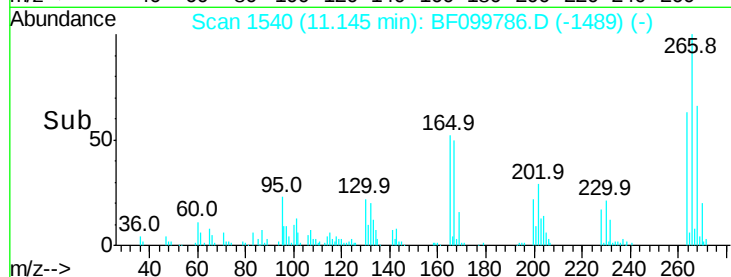
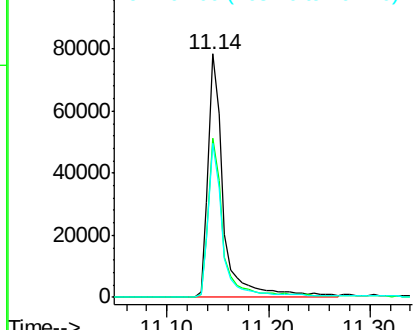
#69
 Pentachlorophenol
 Concen: 38.083 ng
 RT: 11.14 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.6	51.1	76.7
264	63.2	49.5	74.3

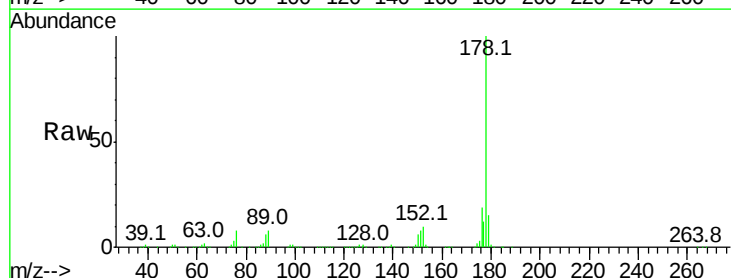


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

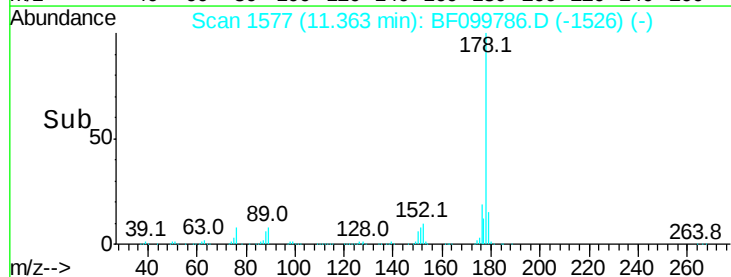
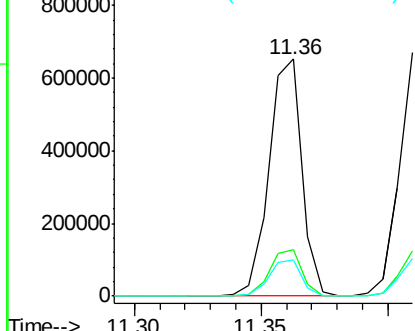


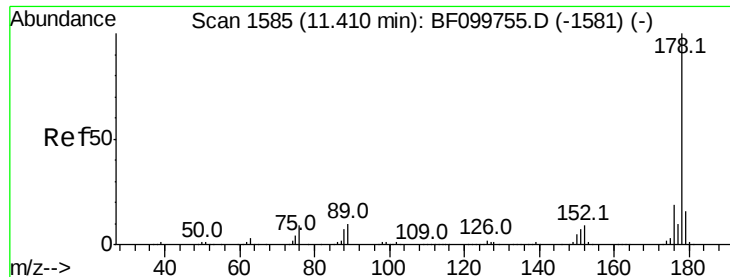
#70
 Phenanthrene
 Concen: 22.044 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.5	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: 22.826 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

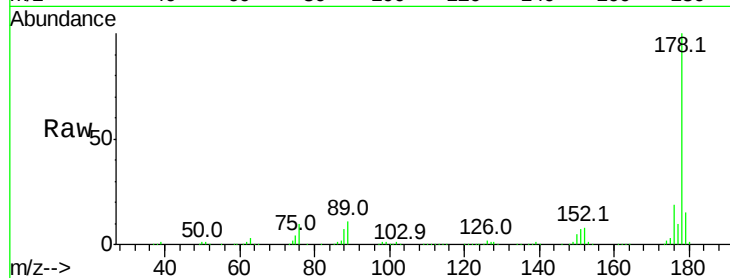
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 624410

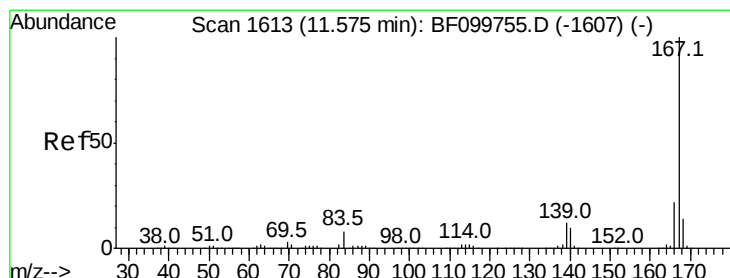
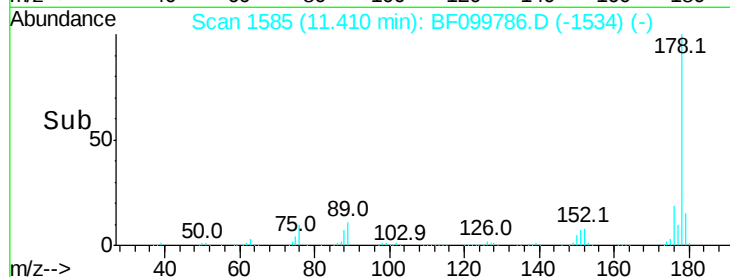
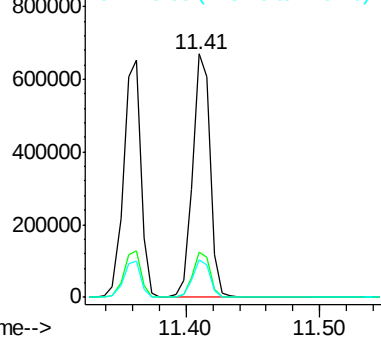
Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.4	12.6	19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 22.402 ng

RT: 11.57 min Scan# 1612

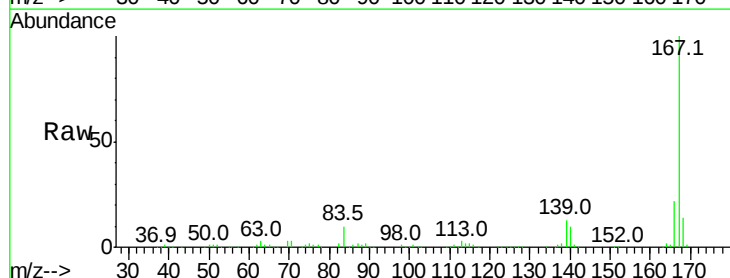
Delta R.T. -0.01 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Tgt Ion:167 Resp: 576292

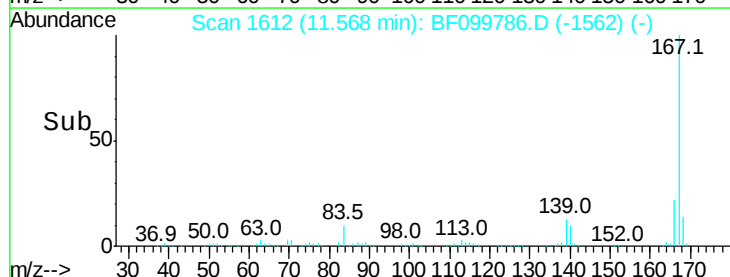
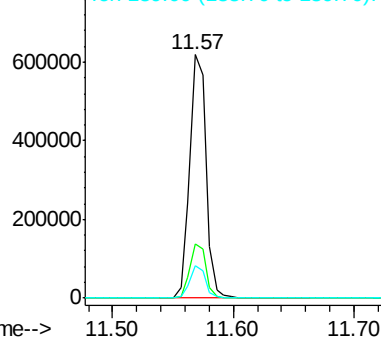
Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	13.1	10.9	16.3

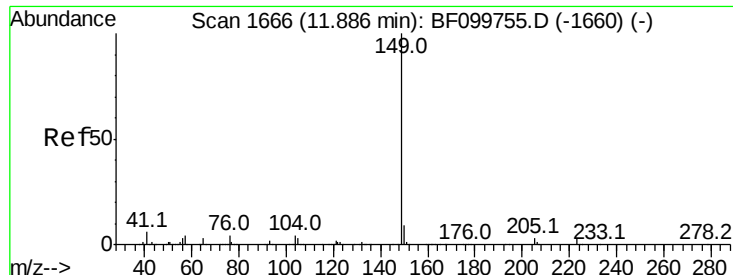


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 21.879 ng

RT: 11.89 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Instrument :

BNA_F

ClientSampled :

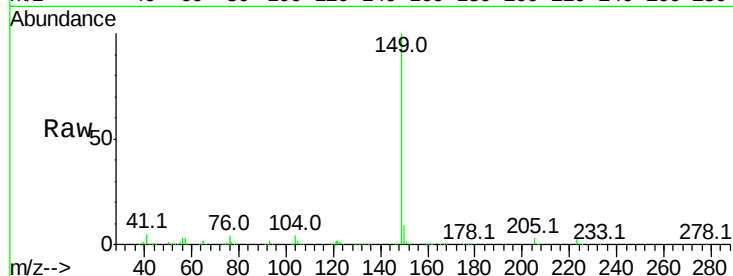
Tot Ion:149 Resp: 717892

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

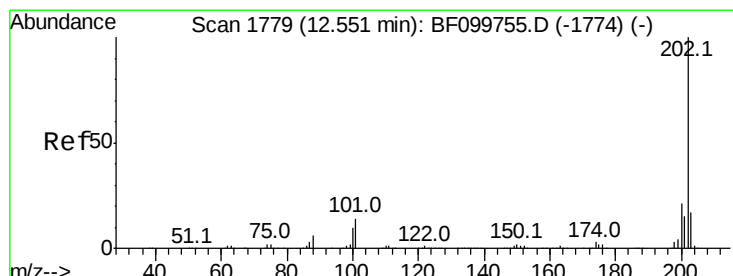
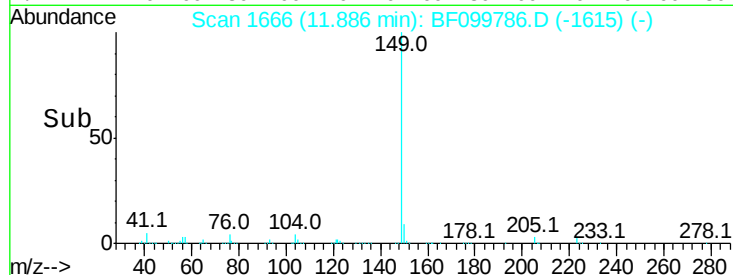
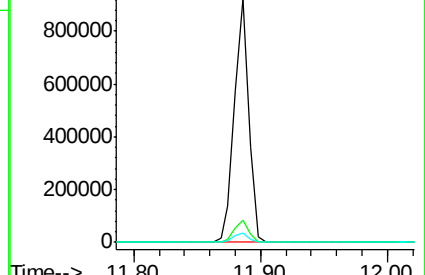
104 4.0 3.8 5.8



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: 22.211 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

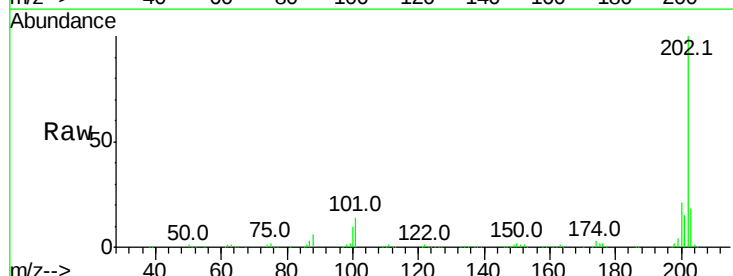
Tgt Ion:202 Resp: 622070

Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.1

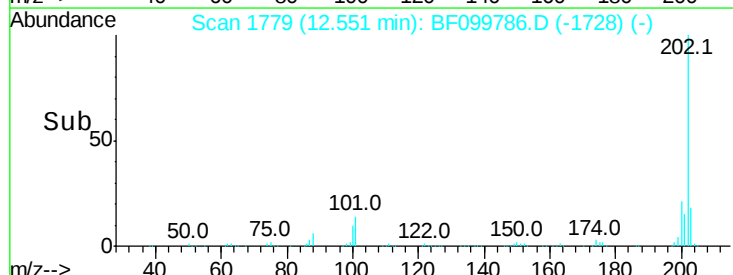
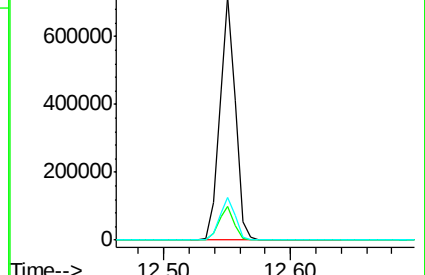
203 17.6 0.0 38.1

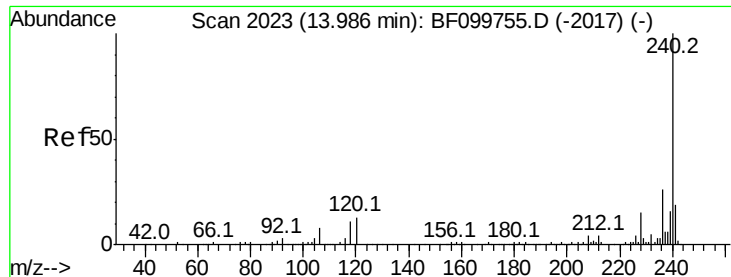


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

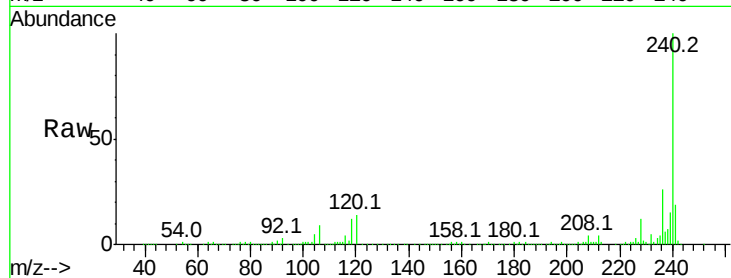




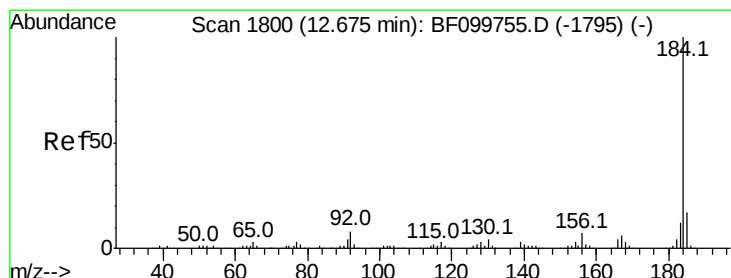
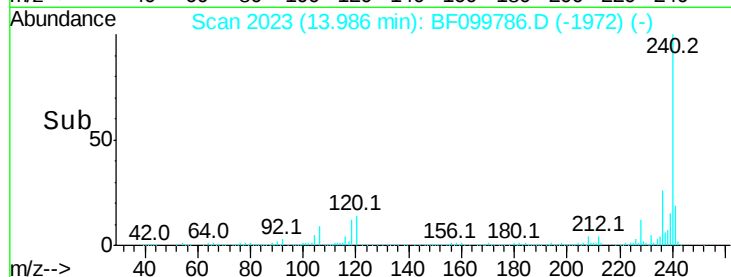
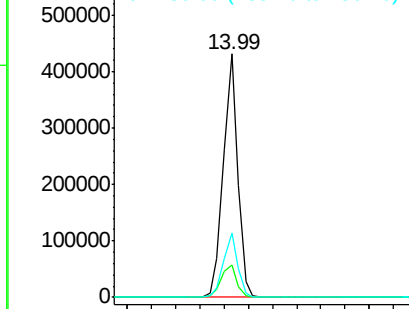
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.00 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:240 Resp: 355500
 Ion Ratio Lower Upper
 240 100
 120 13.6 9.5 14.3
 236 26.3 20.7 31.1

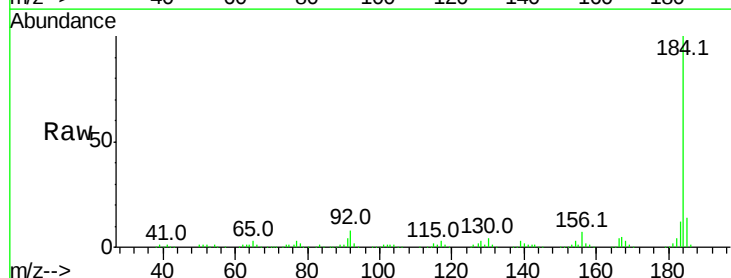


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

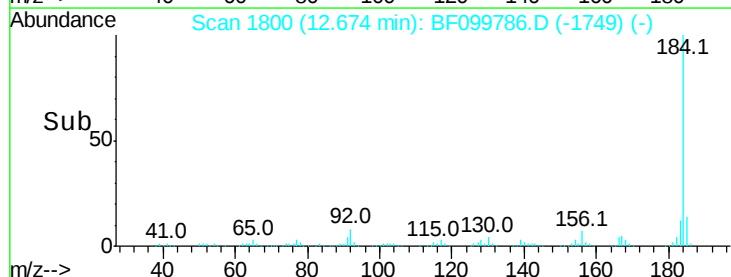
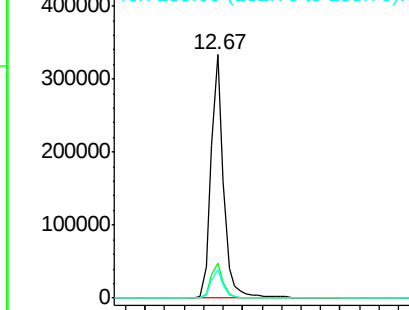


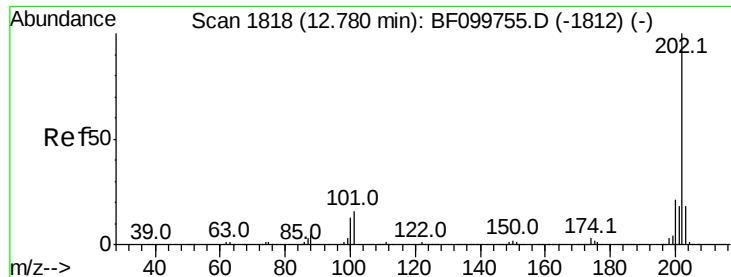
#76
 Benzidine
 Concen: 19.225 ng
 RT: 12.67 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

Tgt Ion:184 Resp: 299063
 Ion Ratio Lower Upper
 184 100
 185 14.4 12.6 18.8
 183 11.5 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E

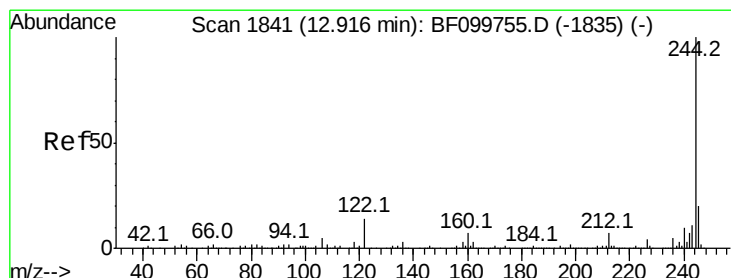
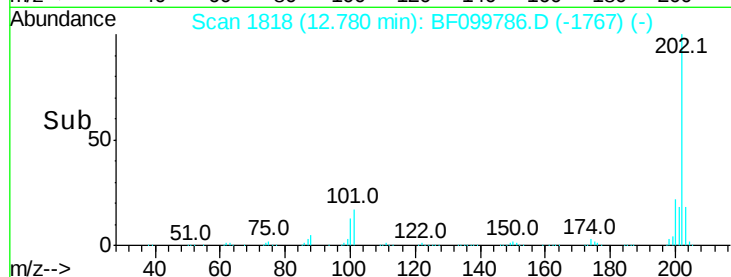
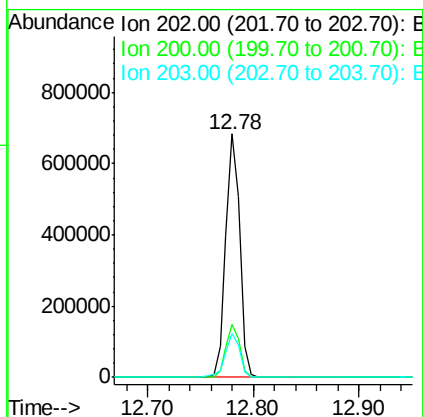
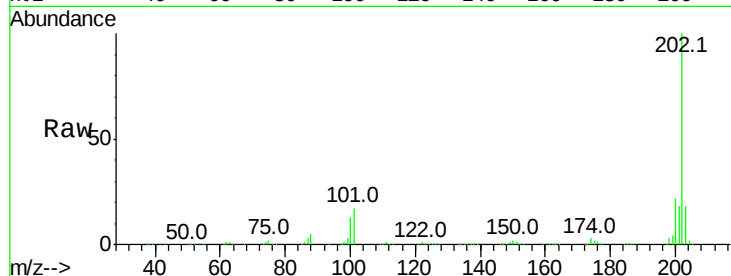




#77
 Pvrene
 Concen: 23.424 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

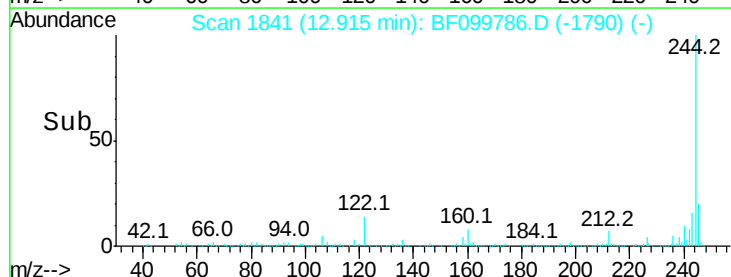
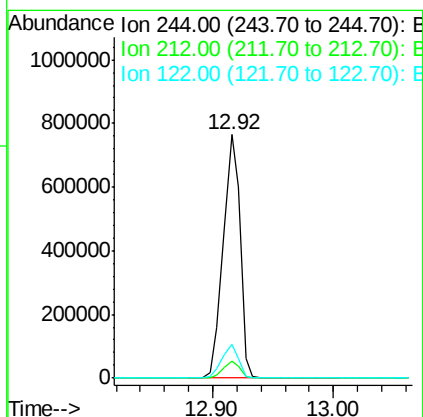
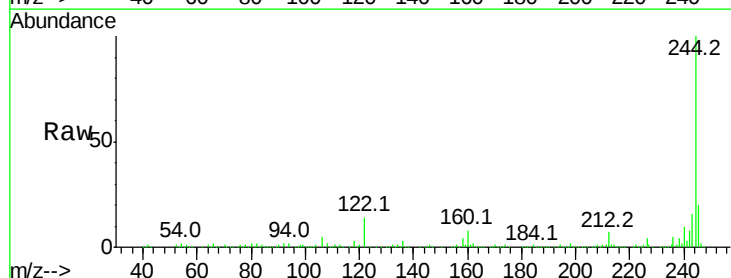
Instrument :
 BNA_F
 ClientSampleId :

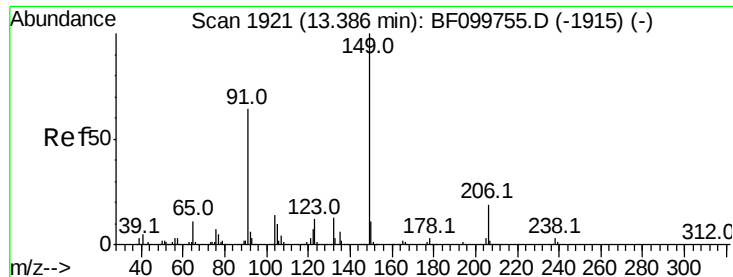
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.8	14.3	21.5



#78
 Terphenyl-d14
 Concen: 45.223 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.0	11.0	16.4

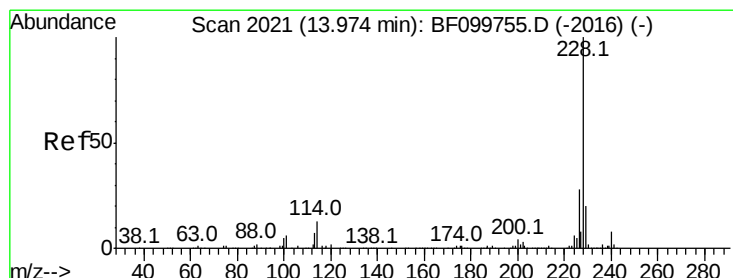
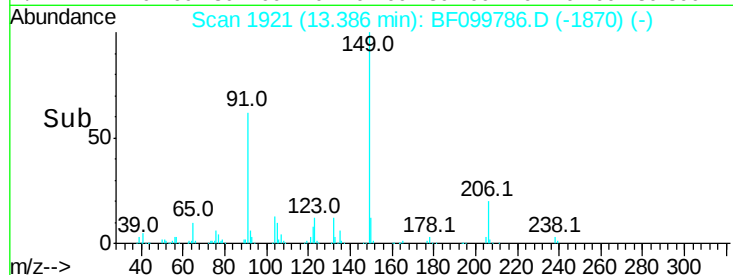
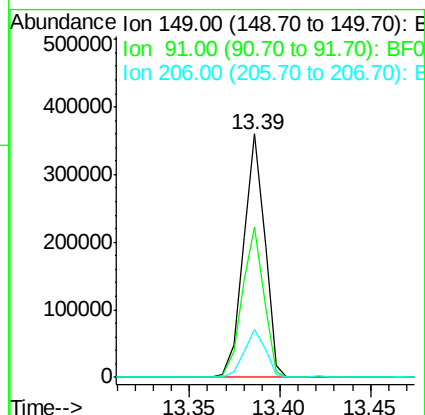
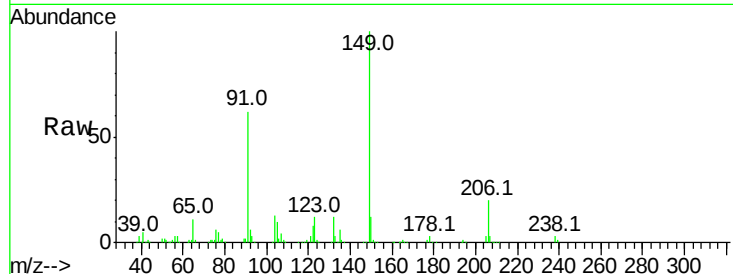




#79
Butylbenzylphthalate
Concen: 22.053 ng
RT: 13.39 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

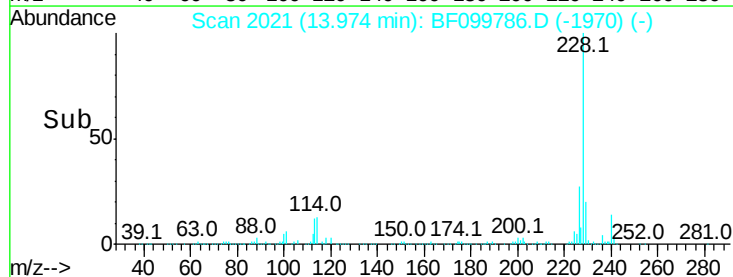
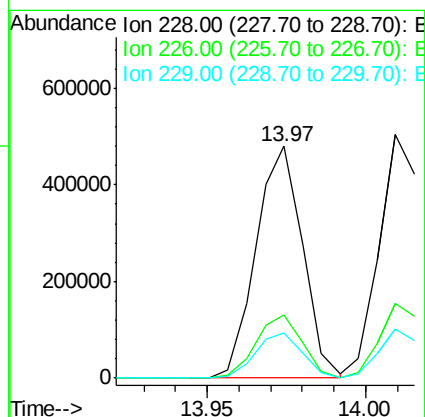
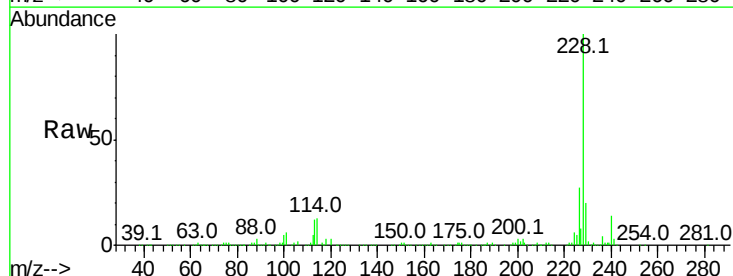
Instrument :
BNA_F
ClientSampleId :

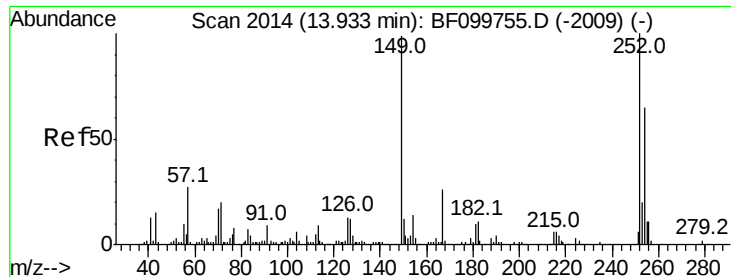
Tot Ion:149 Resp: 293556
Ion Ratio Lower Upper
149 100
91 61.9 56.8 85.2
206 19.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 21.725 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Tgt Ion:228 Resp: 489607
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 19.6 15.8 23.6

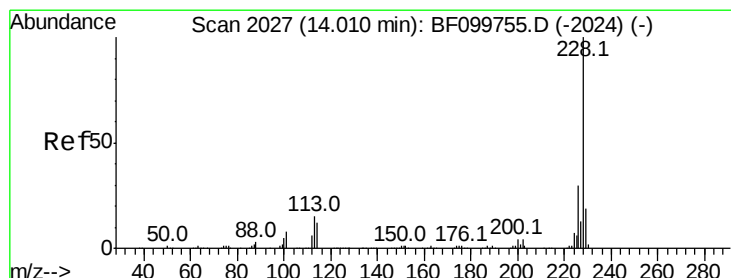
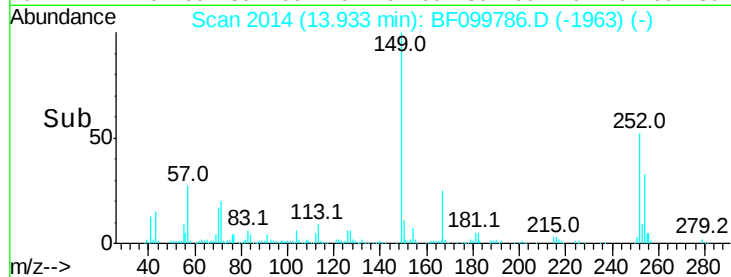
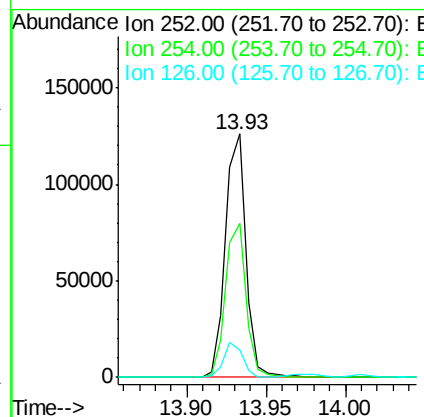
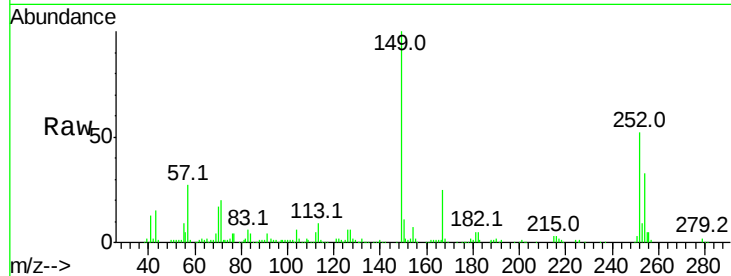




#81
 3,3'-Dichlorobenzidine
 Concen: 13.832 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

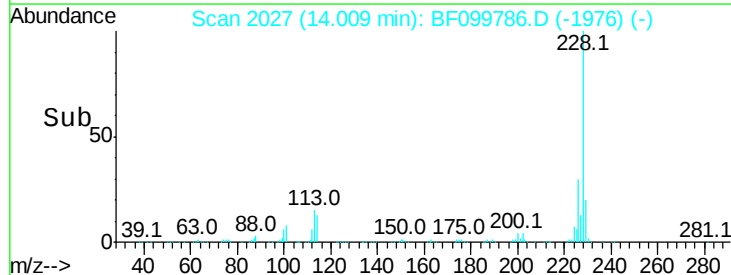
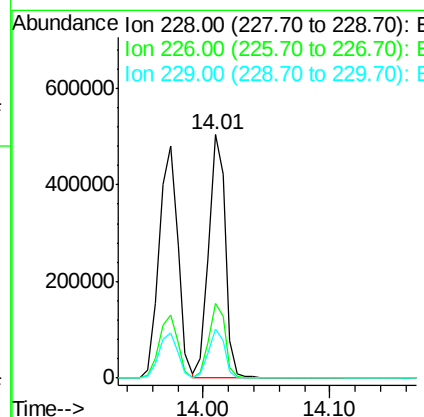
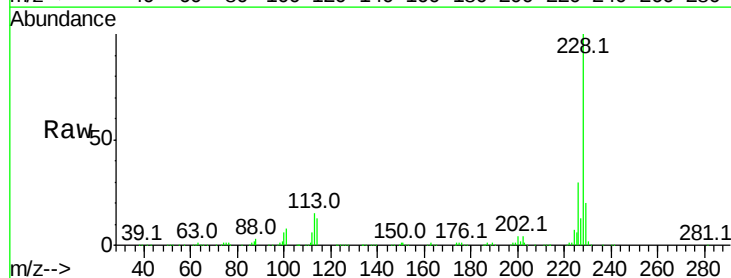
Instrument :
 BNA_F
 ClientSampleId :

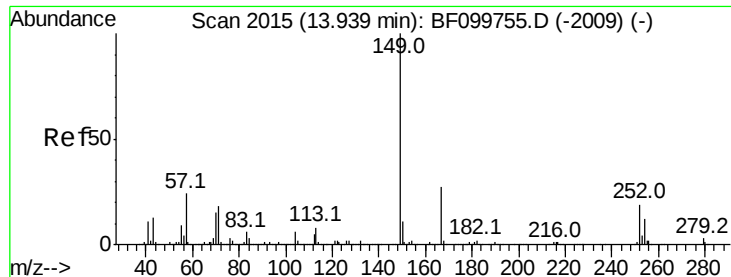
Tot Ion:252 Resp: 113150
 Ion Ratio Lower Upper
 252 100
 254 63.5 50.4 75.6
 126 11.3 11.3 16.9



#82
 Chrysene
 Concen: 21.916 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BF099786.D
 Acq: 24 Oct 2017 14:20

Tgt Ion:228 Resp: 464342
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.0 37.6
 229 20.1 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 20.785 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Instrument :

BNA_F

ClientSampleId :

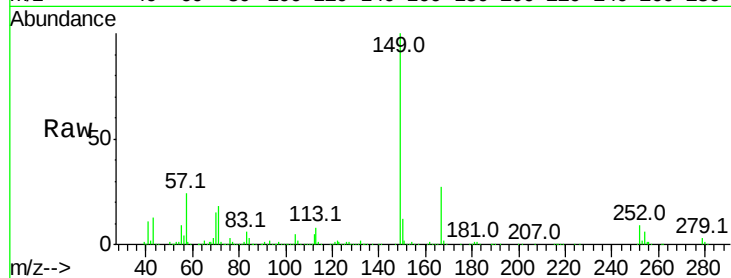
Tot Ion:149 Resp: 388548

Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

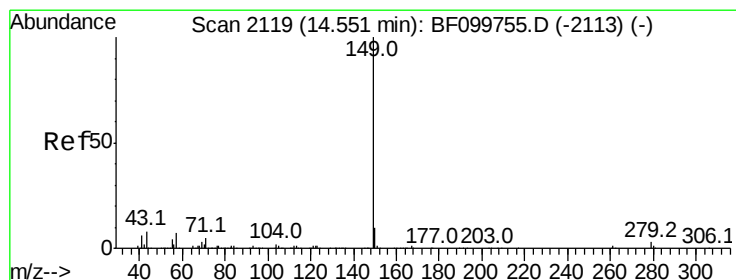
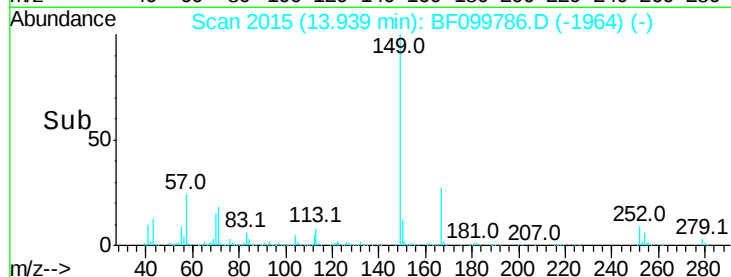
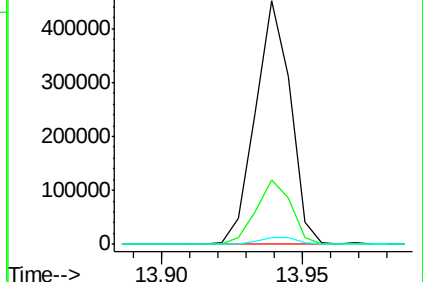
279 2.9 3.0 4.4#



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: 18.468 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

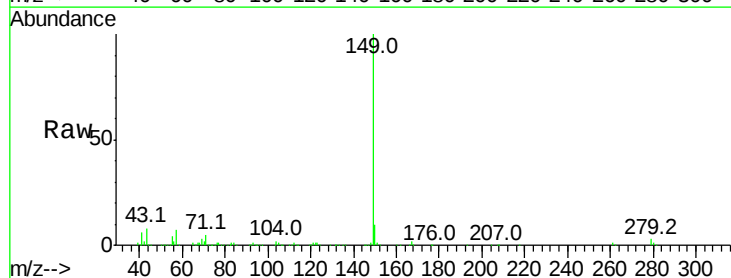
Tgt Ion:149 Resp: 592536

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

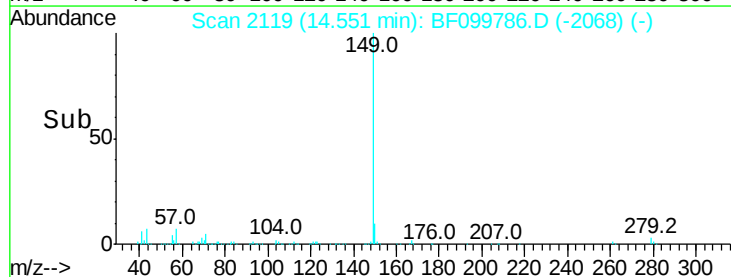
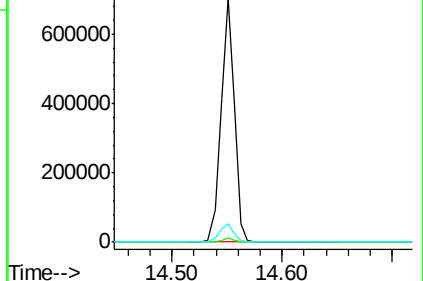
43 7.5 8.4 12.6#

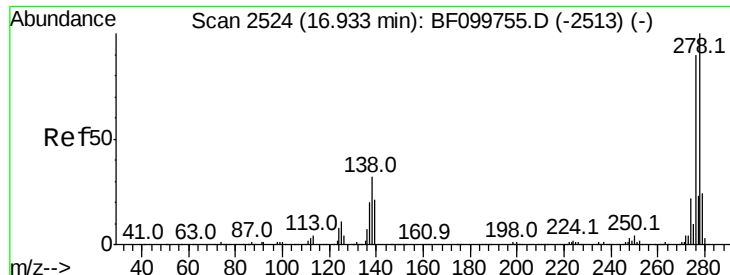


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

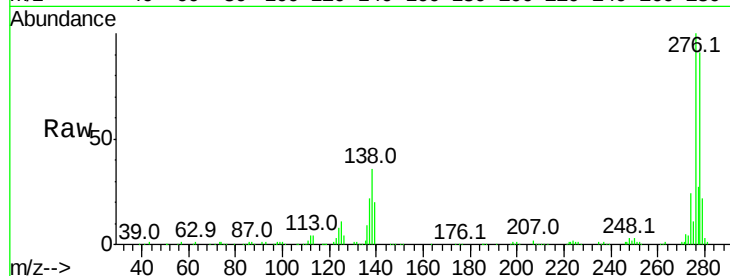




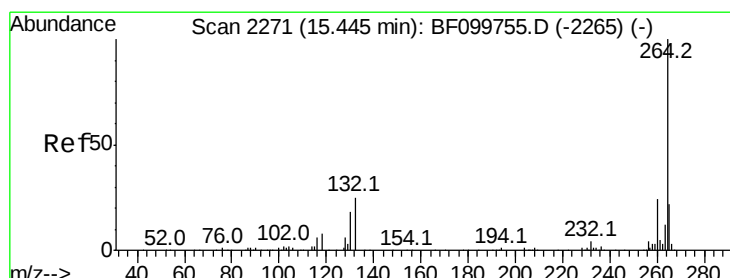
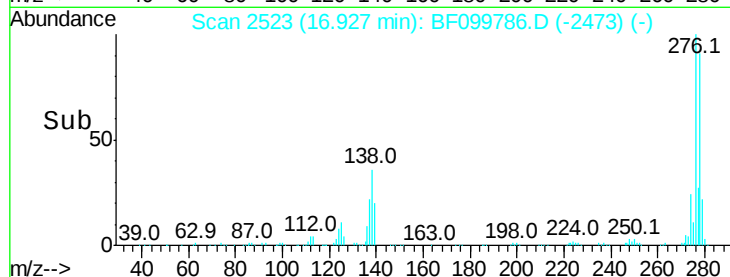
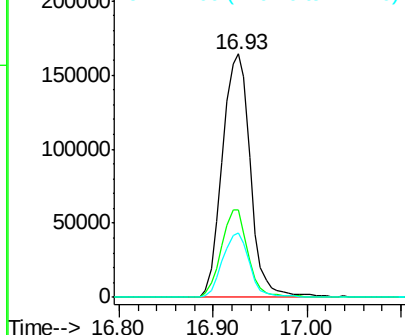
#85
Indeno(1,2,3-cd)pyrene
Concen: 17.614 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.4	25.0	37.6
277	25.6	20.1	30.1

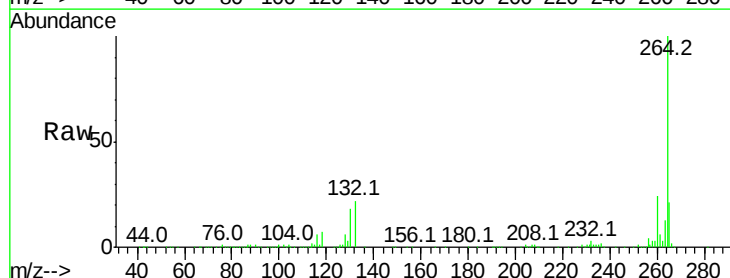


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

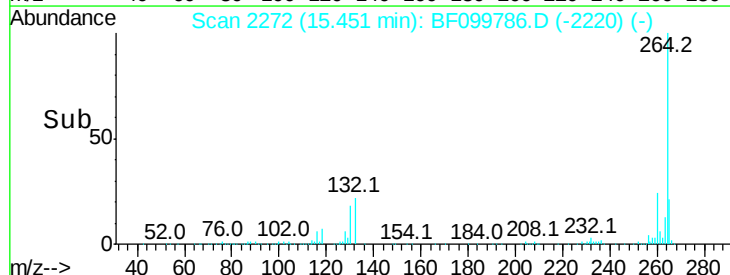
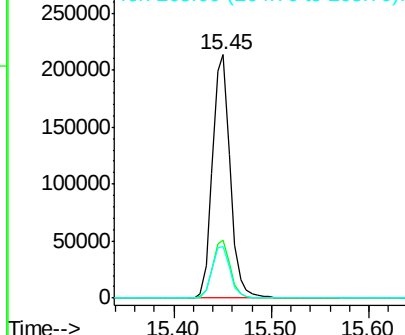


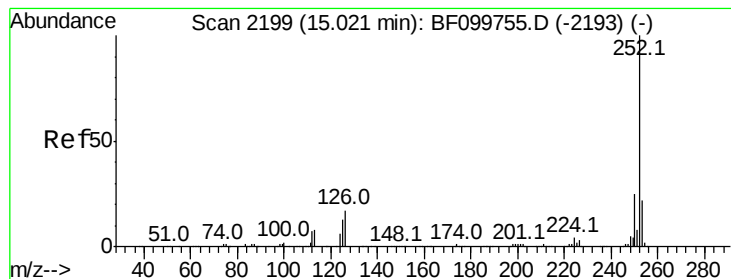
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF099786.D
Acq: 24 Oct 2017 14:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.3	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 21.979 ng

RT: 15.05 min Scan# 2204

Delta R.T. 0.03 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Instrument :

BNA_F

ClientSampleId :

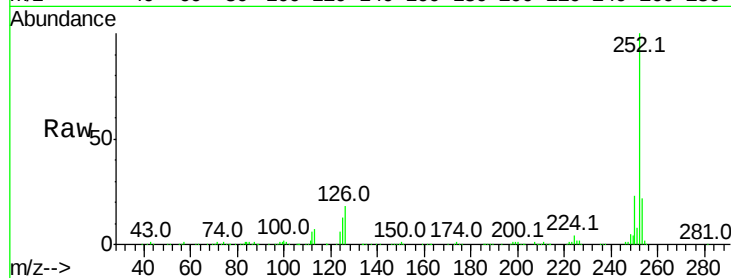
Tot Ion:252 Resp: 374901

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

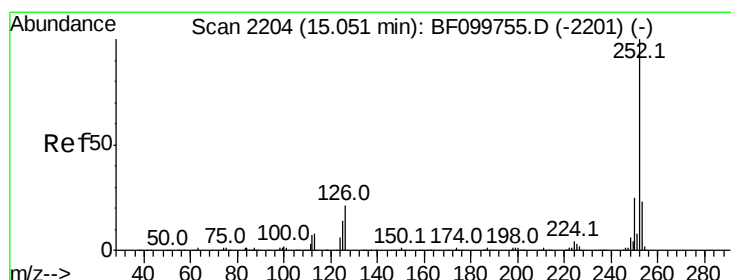
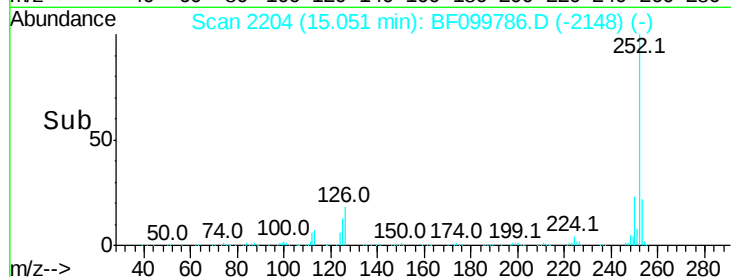
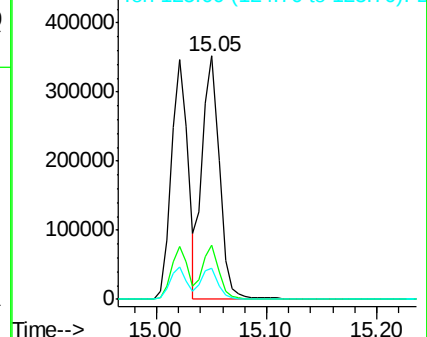
125 13.0 9.0 13.6



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



#88

Benzo(k)fluoranthene

Concen: 23.308 ng

RT: 15.05 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

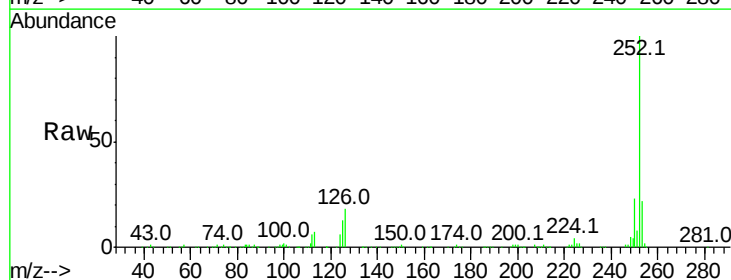
Tgt Ion:252 Resp: 374901

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

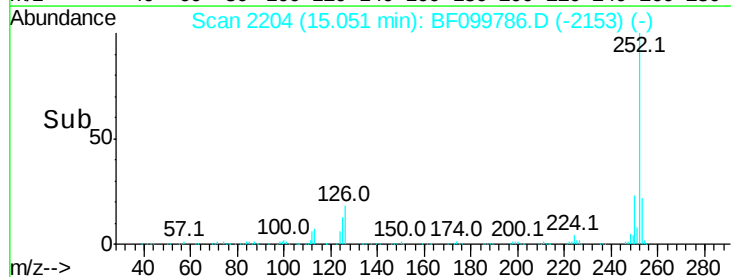
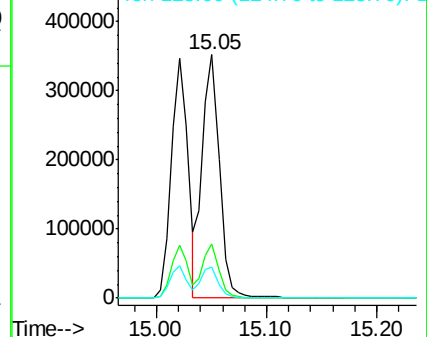
125 13.0 10.2 15.2

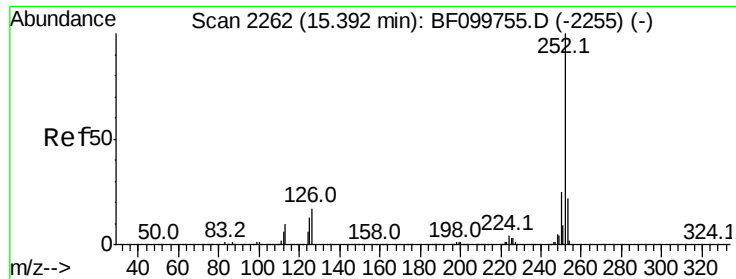


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 22.131 ng

RT: 15.39 min Scan# 2261

Delta R.T. -0.01 min

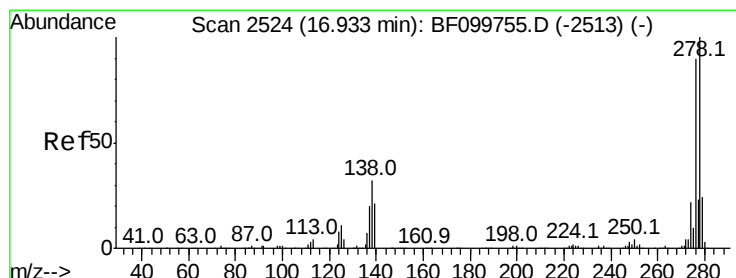
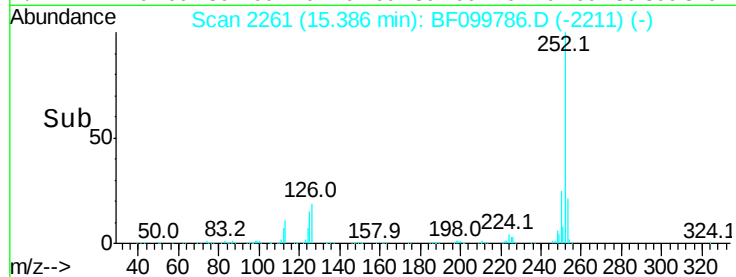
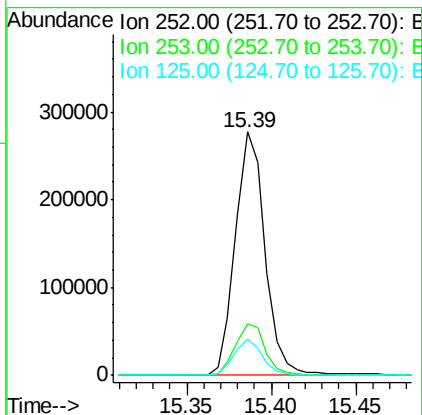
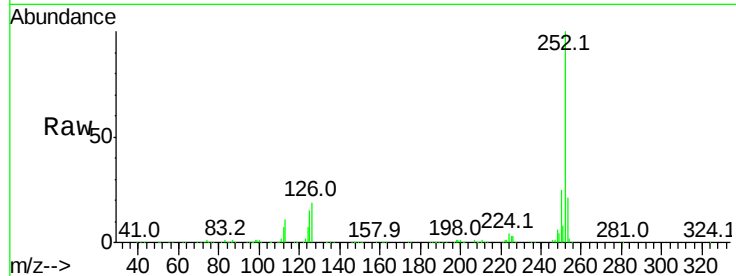
Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 339097

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.1	25.7
125	14.9	9.8	14.6



#90

Dibenzo(a,h)anthracene

Concen: 21.071 ng

RT: 16.93 min Scan# 2523

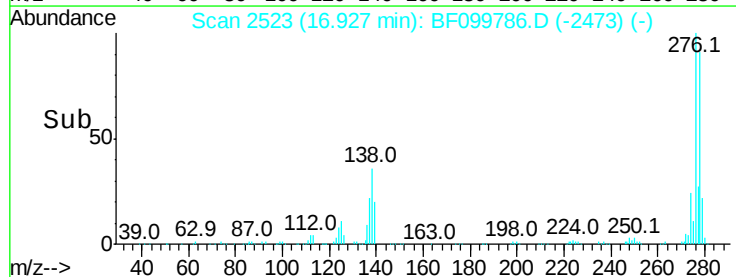
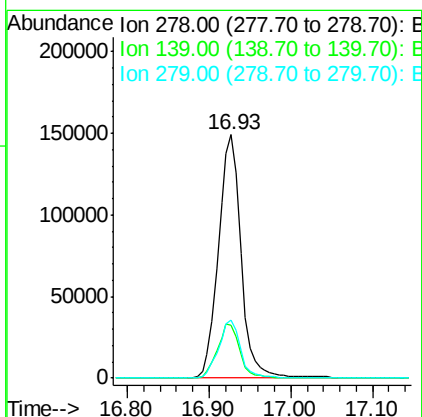
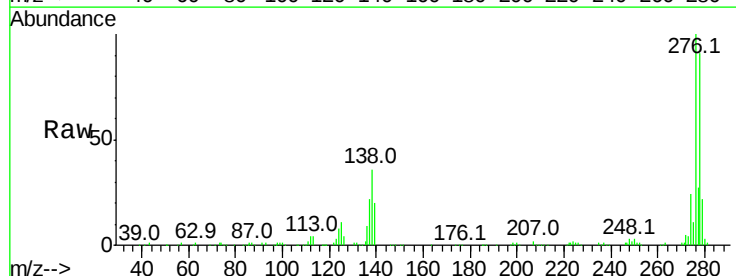
Delta R.T. -0.01 min

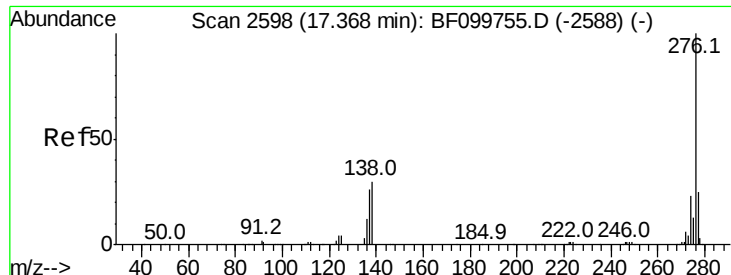
Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Tgt Ion:278 Resp: 286881

Ion	Ratio	Lower	Upper
278	100		
139	21.7	15.9	23.9
279	24.0	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 22.341 ng

RT: 17.37 min Scan# 2598

Delta R.T. -0.00 min

Lab File: BF099786.D

Acq: 24 Oct 2017 14:20

Instrument :

BNA_F

ClientSampleId :

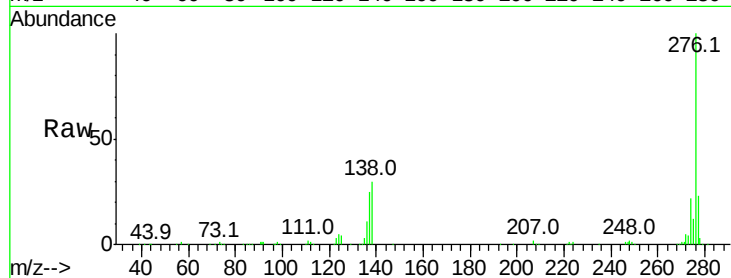
Tot Ion:276 Resp: 297576

Ion Ratio Lower Upper

276 100

277 22.7 17.9 26.9

138 30.3 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

