

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
 Data File : BF101955.D
 Acq On : 9 Jan 2018 16:36
 Operator : SJ/JU
 Sample : J1023-01 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 09 23:56:55 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 15:20:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	255601	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	970438	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	354914	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	489708	20.00	ng	0.00
75) Chrysene-d12	13.88	240	467950	20.00	ng	0.00
86) Perylene-d12	15.30	264	424098	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	801826	44.30	ng	0.00
7) Phenol-d6	6.35	99	934268	43.26	ng	0.00
23) Nitrobenzene-d5	7.29	82	561903	34.03	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	110519	35.68	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	763090	33.59	ng	-0.01
78) Terphenyl-d14	12.85	244	484134	21.48	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.35	88	624	0.069	ng	# 54
3) Pyridine	3.08	79	110	0.004	ng	# 1
4) n-Nitrosodimethylamine	3.03	42	140	0.014	ng	# 1
6) Aniline	6.39	93	120	0.004	ng	# 28
8) 2-Chlorophenol	6.50	128	142	0.008	ng	# 23
9) Benzaldehyde	6.27	77	1595	0.106	ng	# 1
10) Phenol	6.36	94	41122	1.685	ng	# 98
11) bis(2-Chloroethyl)ether	6.49	93	1331	0.072	ng	# 1
12) 1,3-Dichlorobenzene	6.88	146	110	0.005	ng	# 1
13) 1,4-Dichlorobenzene	6.88	146	110	0.005	ng	# 1
14) 1,2-Dichlorobenzene	6.88	146	110	0.006	ng	# 1
15) Benzyl Alcohol	6.88	79	12400	0.785	ng	# 47
16) 2,2'-oxybis(1-Chloropropan	7.06	45	317	0.009	ng	# 62
17) 2-Methylphenol	6.97	107	118	0.007	ng	# 1
18) Hexachloroethane	7.21	117	1103	0.150	ng	# 1
19) n-Nitroso-di-n-propylamine	7.11	70	2904	0.205	ng	# 4
20) 3+4-Methylphenols	7.12	107	677	0.034	ng	# 1
22) Acetophenone	7.12	105	14618	0.625	ng	# 56
24) Nitrobenzene	7.29	77	3241	0.183	ng	# 23
25) Isophorone	7.29	82	558049	17.102	ng	# 64
26) 2-Nitrophenol	7.63	139	289	0.039	ng	# 1
27) 2,4-Dimethylphenol	7.66	122	399	0.029	ng	# 14
28) bis(2-Chloroethoxy)methane	7.77	93	669	0.034	ng	# 1
29) 2,4-Dichlorophenol	7.85	162	388	0.029	ng	# 22
30) 1,2,4-Trichlorobenzene	8.15	180	112	0.008	ng	# 1
31) Naphthalene	8.03	128	12462	0.257	ng	# 90
32) Benzoic acid	7.77	122	119	0.011	ng	# 1
33) 4-Chloroaniline	8.05	127	1056	0.051	ng	# 1
35) Caprolactam	8.46	113	892	0.197	ng	# 1
36) 4-Chloro-3-methylphenol	8.56	107	1435	0.100	ng	# 20
37) 2-Methylnaphthalene	8.72	142	14266	0.447	ng	# 93
42) 2,4,6-Trichlorophenol	8.99	196	109	0.016	ng	# 13
43) 2,4,5-Trichlorophenol	8.99	196	109	0.014	ng	# 1
45) 1,1'-Biphenyl	9.18	154	7998	0.255	ng	# 95

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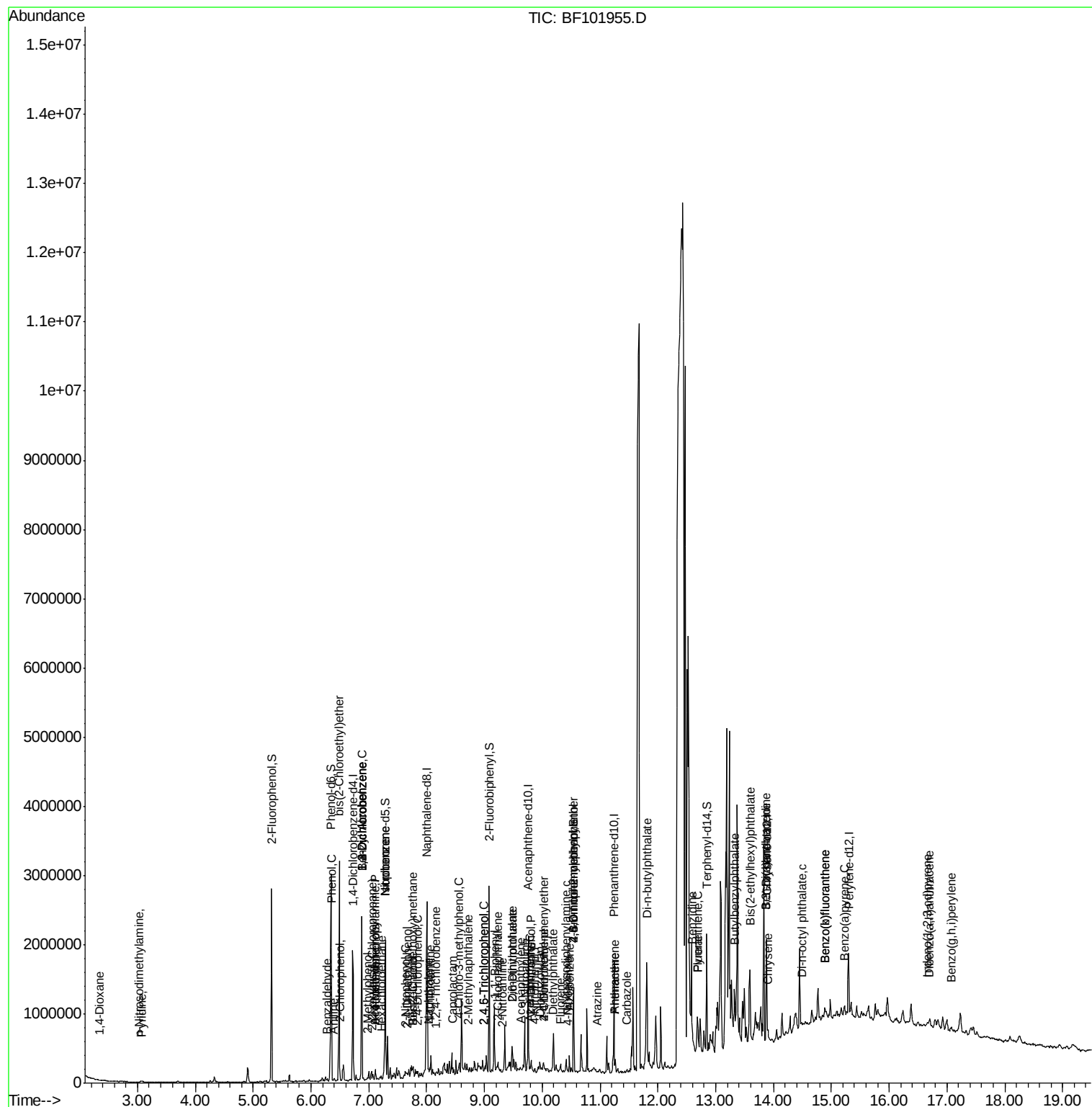
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) 2-Chloronaphthalene	9.22	162	156	0.006	nq	#	1
47) 2-Nitroaniline	9.30	65	298	0.041	nq	#	45
48) Acenaphthylene	9.62	152	9047	0.234	nq	#	82
49) Dimethylphthalate	9.48	163	76140	2.674	nq		98
50) 2,6-Dinitrotoluene	9.47	165	1675	0.295	nq	#	44
51) Acenaphthene	9.79	154	6033	0.257	nq	#	91
52) 3-Nitroaniline	9.71	138	634	0.088	nq	#	24
53) 2,4-Dinitrophenol	9.82	184	166	8.726	nq	#	51
54) Dibenzofuran	9.96	168	6175	0.192	nq	#	82
55) 4-Nitrophenol	9.86	139	380	0.071	nq	#	6
56) 2,4-Dinitrotoluene	10.03	165	4759	0.668	nq	#	40
57) Fluorene	10.30	166	9765	0.439	nq	#	96
59) Diethylphthalate	10.17	149	7088	0.250	nq	#	90
60) 4-Chlorophenyl-phenylether	10.03	204	1029	0.109	nq		96
61) 4-Nitroaniline	10.44	138	298	0.044	nq		89
62) Azobenzene	10.47	77	33521	1.190	nq	#	1
64) 4,6-Dinitro-2-methylphenol	10.54	198	273	5.753	nq	#	1
65) n-Nitrosodiphenylamine	10.42	169	4845	0.264	nq	#	75
66) 4-Bromophenyl-phenylether	10.54	248	7662	1.482	nq	#	1
68) Atrazine	10.96	200	440	0.083	nq	#	45
70) Phenanthrene	11.26	178	69137	2.417	nq		97
71) Anthracene	11.26	178	69137	2.383	nq		98
72) Carbazole	11.47	167	7573	0.266	nq	#	87
73) Di-n-butylphthalate	11.82	149	5064	0.145	nq	#	78
74) Fluoranthene	12.69	202	91422	3.248	nq		95
76) Benzidine	12.59	184	437	0.019	nq	#	1
77) Pyrene	12.69	202	100421	2.428	nq		97
79) Butylbenzylphthalate	13.33	149	8093	0.426	nq	#	1
80) Benzo(a)anthracene	13.87	228	54112	1.812	nq	#	89
81) 3,3'-Dichlorobenzidine	13.87	252	1191	0.108	nq	#	12
82) Chrysene	13.90	228	59802	1.921	nq	#	94
83) Bis(2-ethylhexyl)phthalate	13.59	149	10892	0.500	nq		99
84) Di-n-octyl phthalate	14.48	149	2582	0.071	nq	#	73
85) Indeno(1,2,3-cd)pyrene	16.66	276	24477	1.080	nq	#	87
87) Benzo(b)fluoranthene	14.89	252	91435	3.307	nq	#	73
88) Benzo(k)fluoranthene	14.89	252	91435	3.428	nq	#	76
89) Benzo(a)pyrene	15.23	252	44921	1.805	nq	#	66
90) Dibenzo(a,h)anthracene	16.68	278	7716	0.389	nq	#	1
91) Benzo(g,h,i)perylene	17.08	276	27753	1.387	nq	#	71

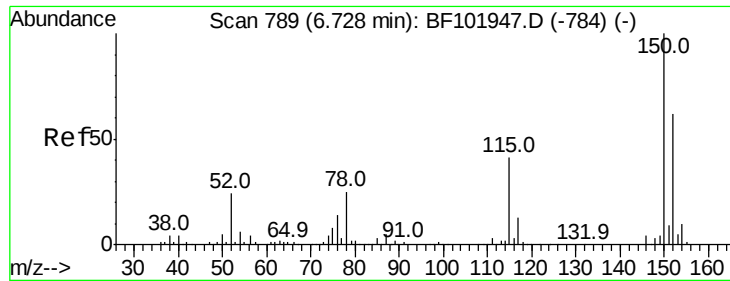
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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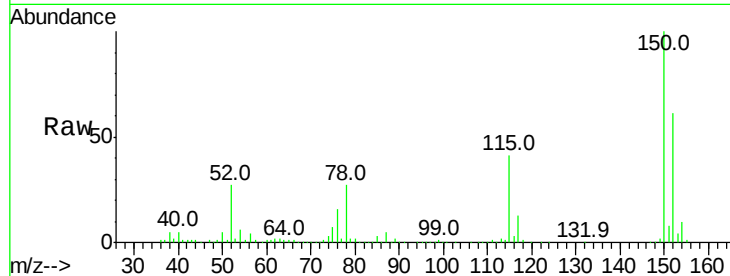


#1

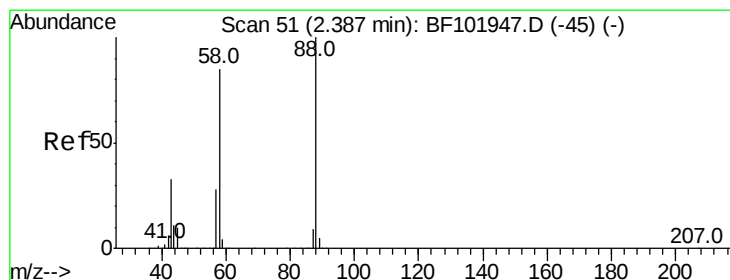
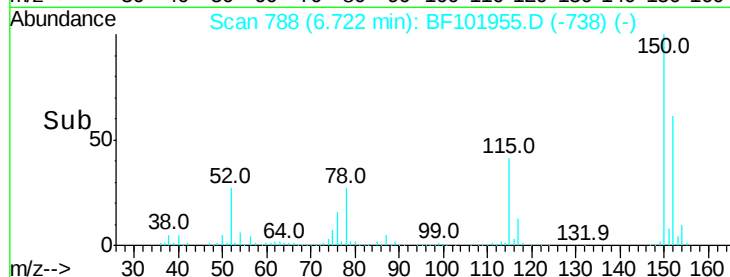
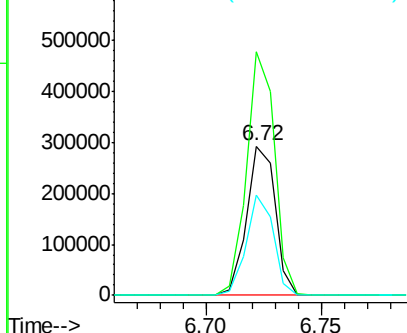
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF101955.D
Acq: 9 Jan 2018 16:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 255601
Ion Ratio Lower Upper
152 100
150 163.0 124.6 186.8
115 67.5 50.1 75.1



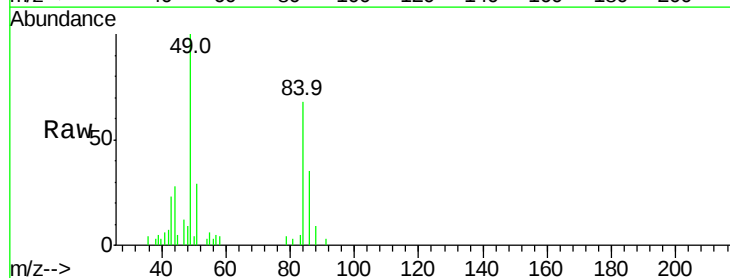
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



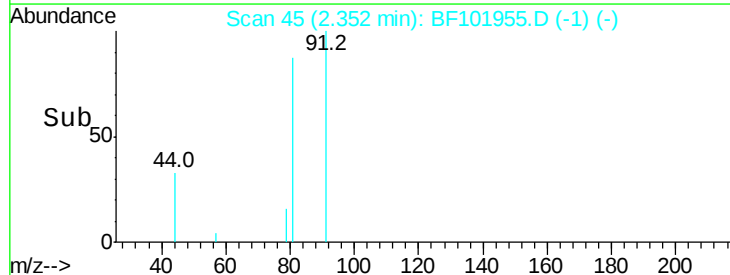
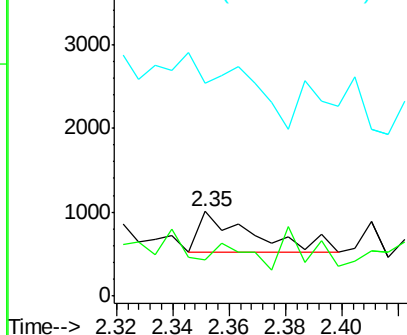
#2

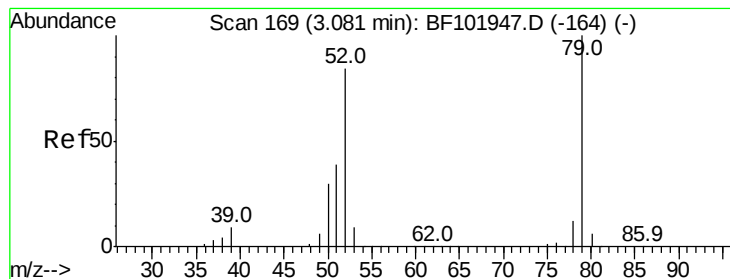
1,4-Dioxane
Concen: 0.069 ng
RT: 2.35 min Scan# 45
Delta R.T. -0.04 min
Lab File: BF101955.D
Acq: 9 Jan 2018 16:36

Tgt Ion: 88 Resp: 624
Ion Ratio Lower Upper
88 100
58 41.0 62.6 93.8#
43 0.0 24.6 37.0#



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





#3

Pvridine

Concen: 0.004 ng

RT: 3.08 min Scan# 169

Delta R.T. 0.00 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

Instrument :

BNA_F

ClientSampleId :

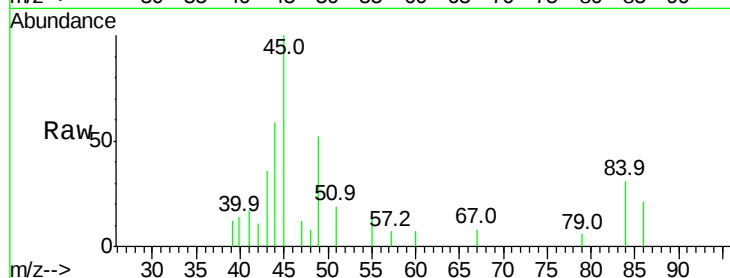
Tot Ion: 79 Resp: 110

Ion Ratio Lower Upper

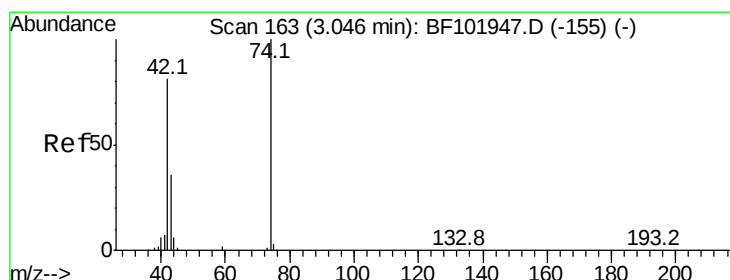
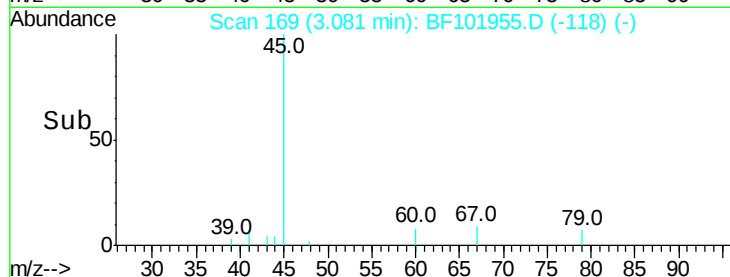
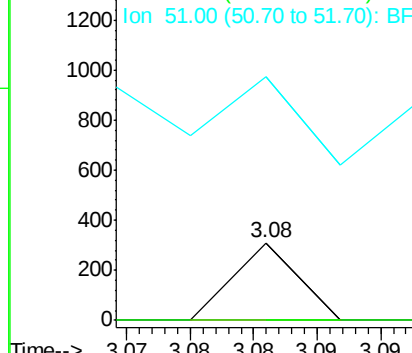
79 100

52 0.0 59.8 89.6#

51 312.9 29.8 44.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 0.014 ng

RT: 3.03 min Scan# 160

Delta R.T. -0.02 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

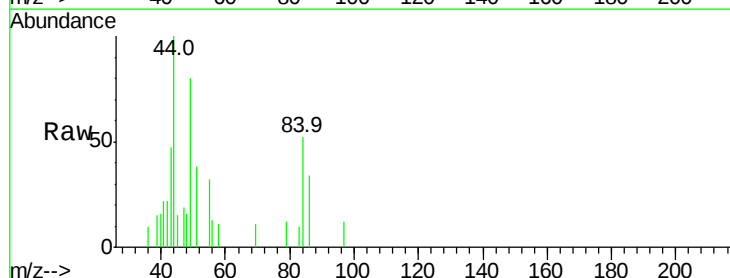
Tgt Ion: 42 Resp: 140

Ion Ratio Lower Upper

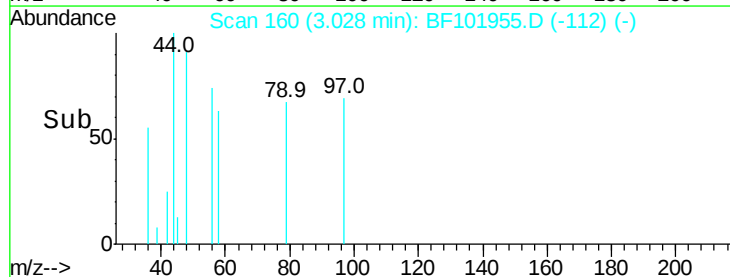
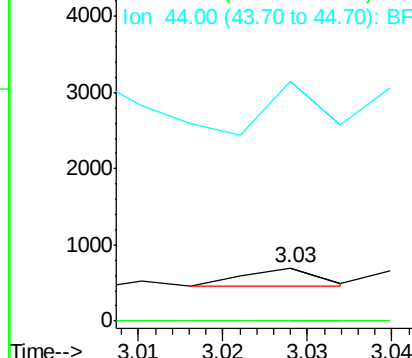
42 100

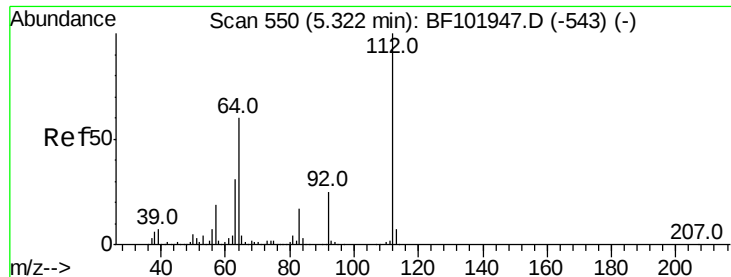
74 0.0 104.9 157.3#

44 451.0 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 44.297 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

Instrument :

BNA_F

ClientSampled :

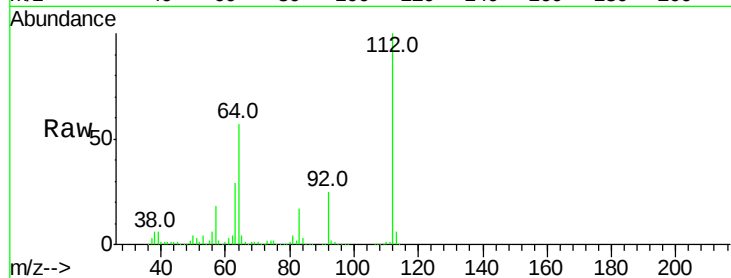
Tot Ion:112 Resp: 801826

Ion Ratio Lower Upper

112 100

64 57.0 47.9 71.9

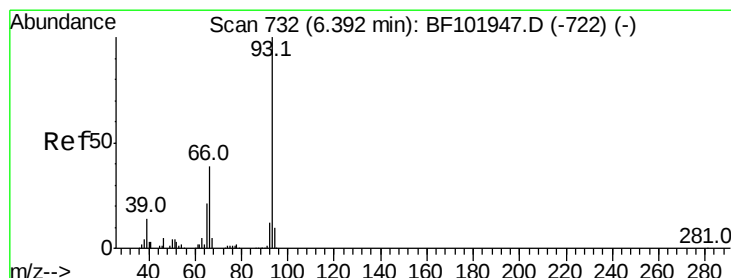
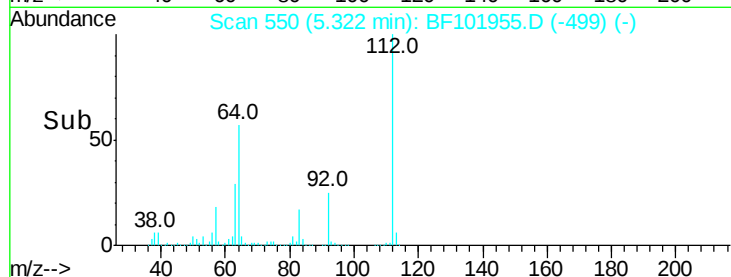
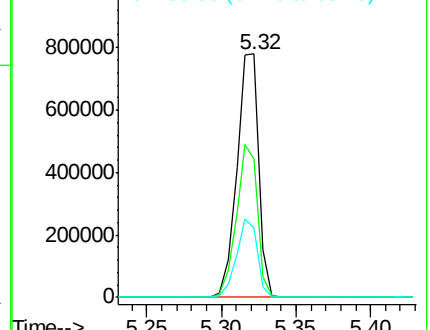
63 28.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.004 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

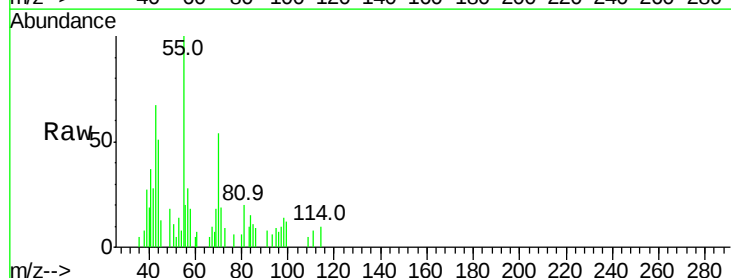
Tgt Ion: 93 Resp: 120

Ion Ratio Lower Upper

93 100

66 93.8 32.2 48.2#

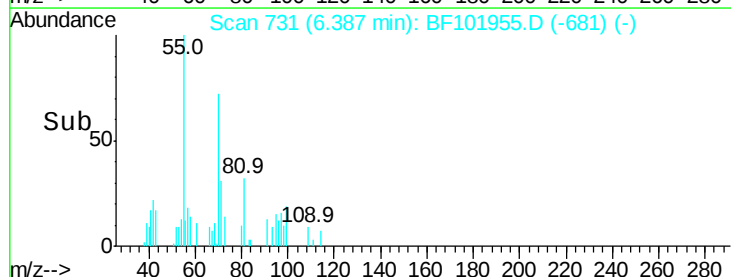
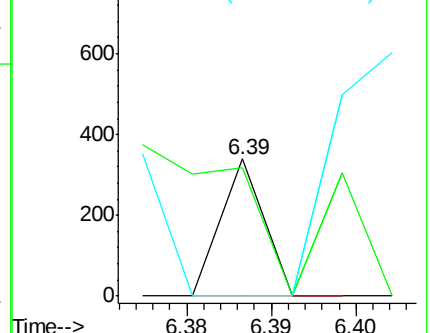
65 0.0 16.4 24.6#

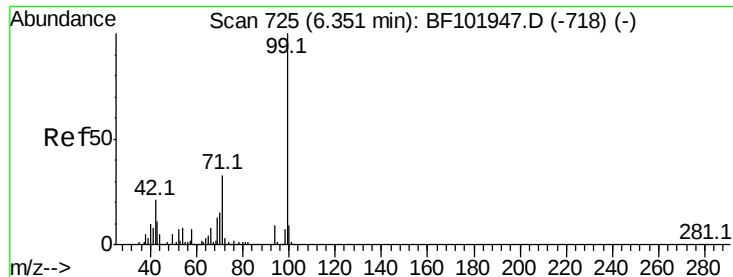


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 43.260 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

Instrument :

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ClientSampleId :

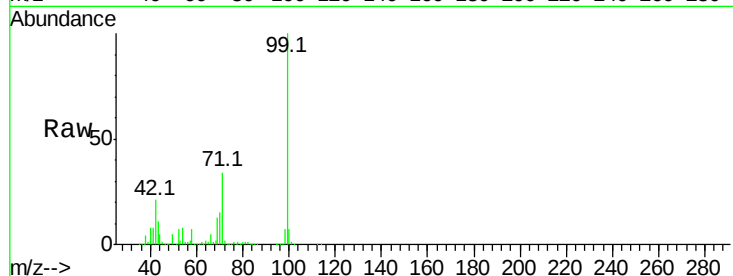
Tot Ion: 99 Resp: 934268

Ion Ratio Lower Upper

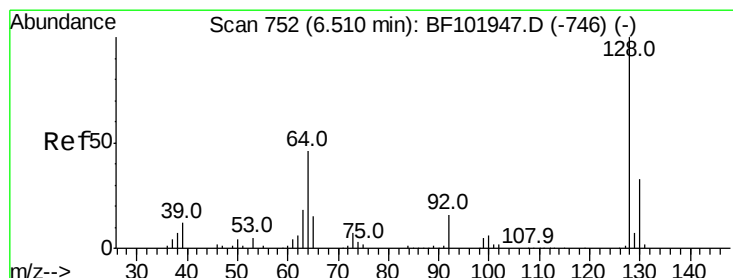
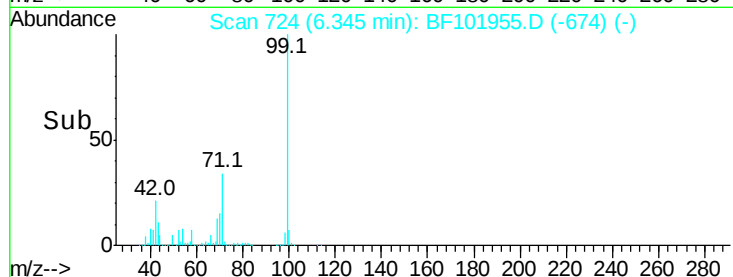
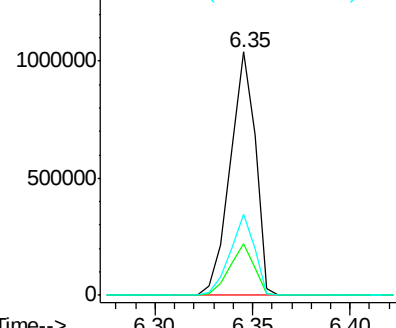
99 100

42 21.0 14.5 21.7

71 33.5 25.4 38.0



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



#8

2-Chlorophenol

Concen: 0.008 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

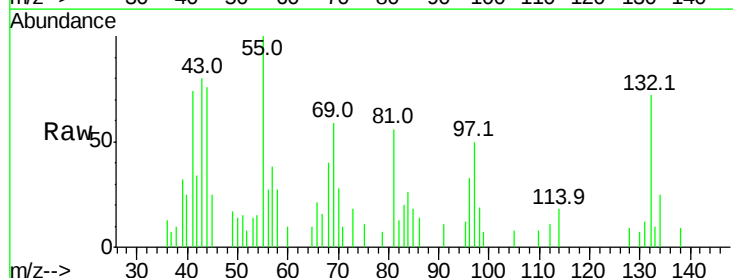
Tgt Ion:128 Resp: 142

Ion Ratio Lower Upper

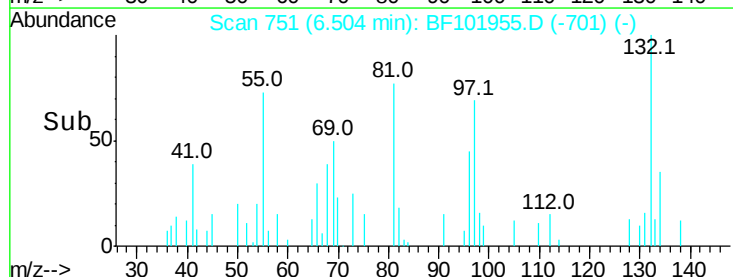
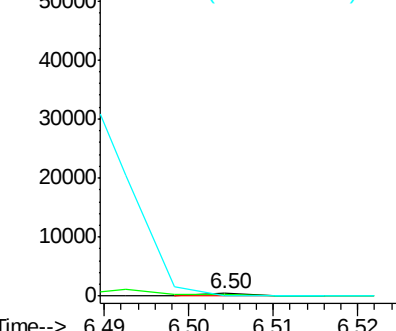
128 100

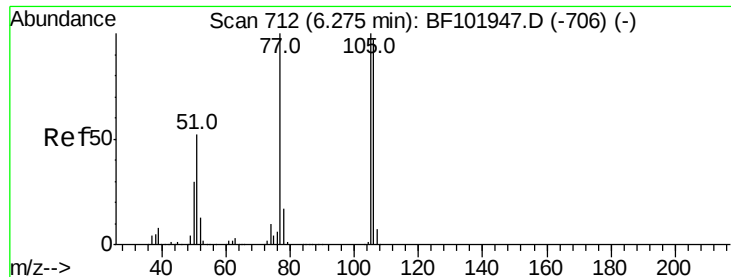
130 80.5 13.0 53.0#

64 0.0 29.4 69.4#



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





#9

Benzaldehyde

Concen: 0.106 ng

RT: 6.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

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ClientSampleId :

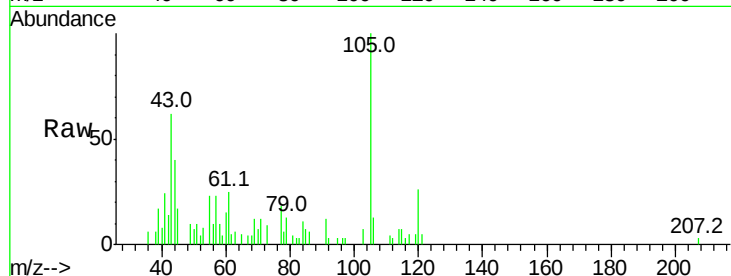
Tot Ion: 77 Resp: 1595

Ion Ratio Lower Upper

77 100

105 567.2 81.1 121.1#

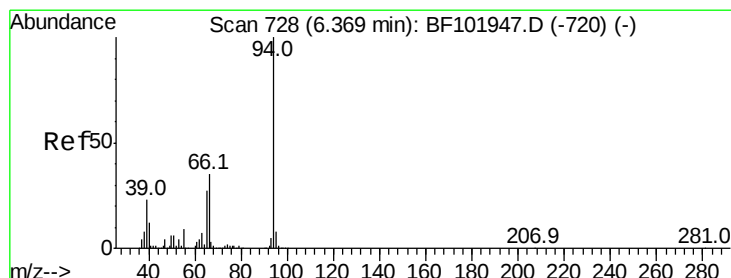
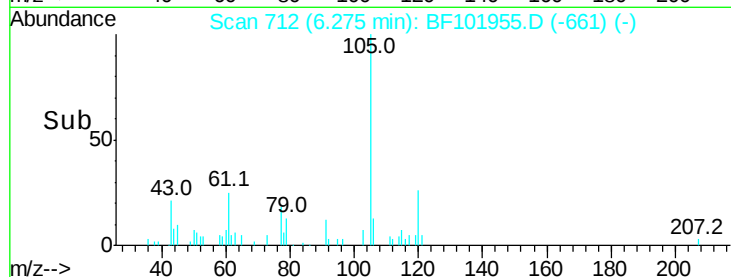
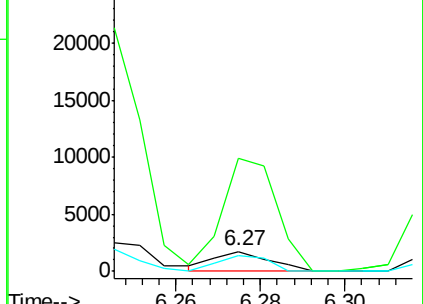
106 76.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 1.685 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

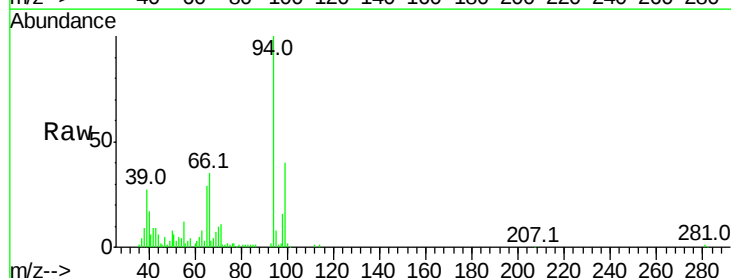
Tgt Ion: 94 Resp: 41122

Ion Ratio Lower Upper

94 100

65 29.1 7.9 47.9

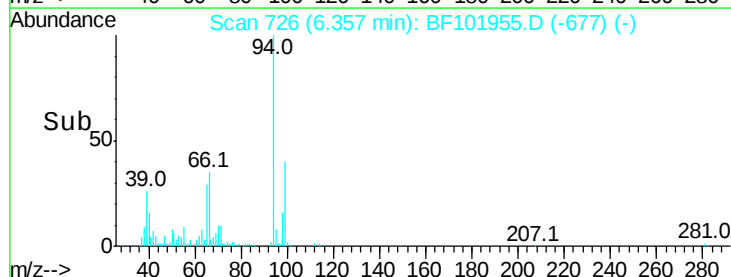
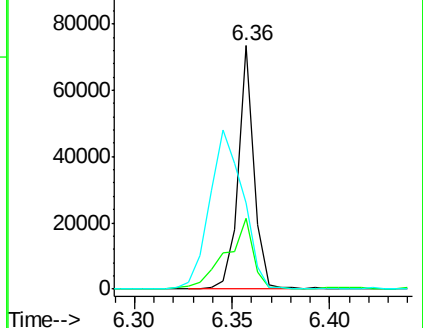
66 35.4 16.2 56.2

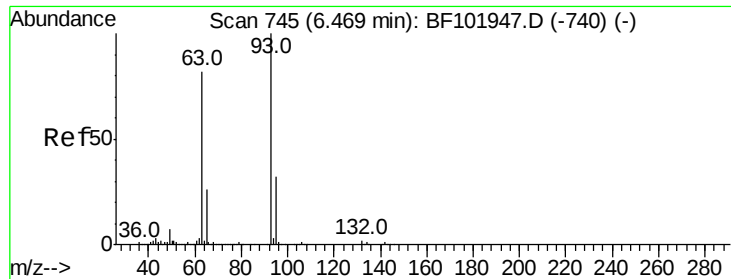


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

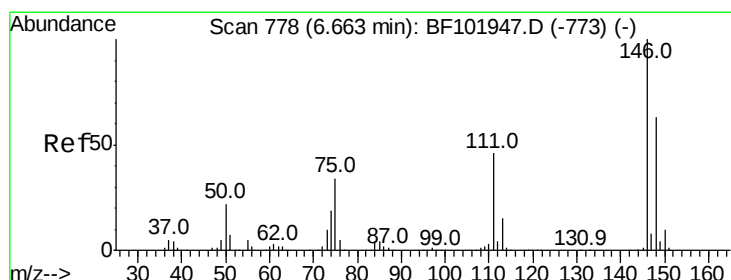
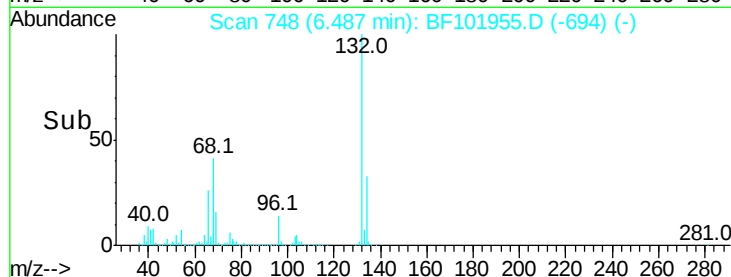
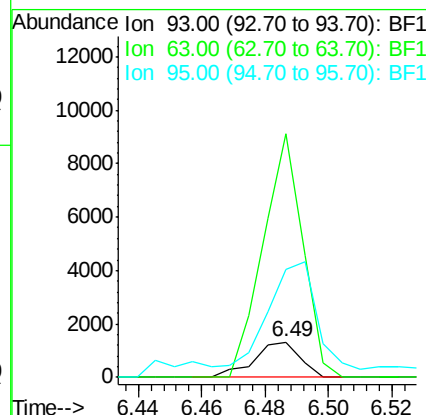
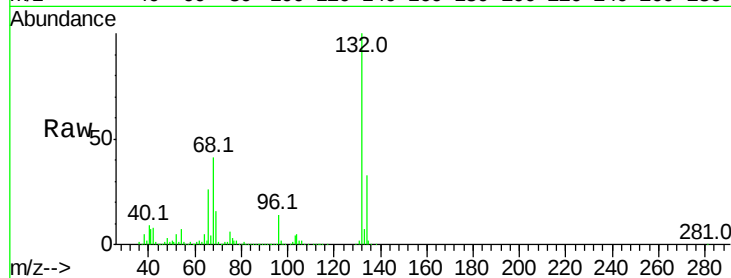




#11
bis(2-Chloroethyl)ether
Concen: 0.072 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.02 min
Lab File: BF101955.D
Acq: 9 Jan 2018 16:36

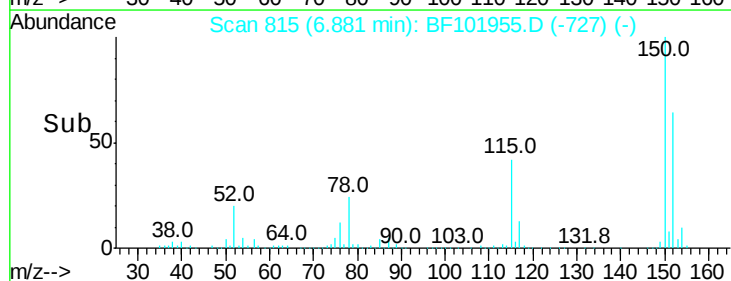
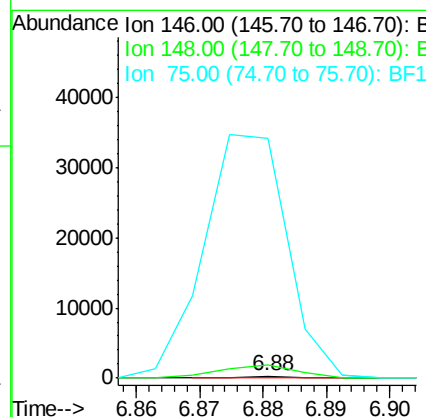
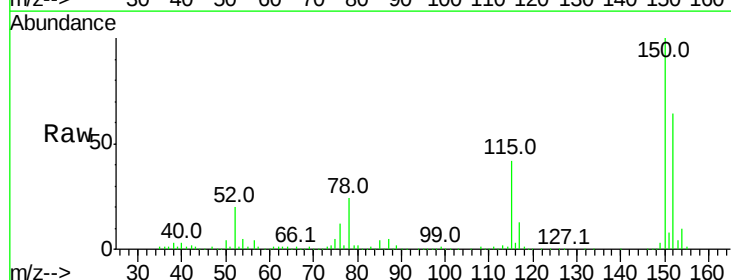
Instrument :
BNA_F
ClientSampleId :

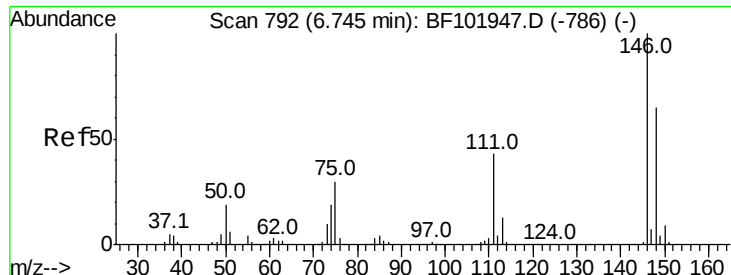
Tot Ion: 93 Resp: 1331
Ion Ratio Lower Upper
93 100
63 694.7 58.6 98.6#
95 308.3 11.8 51.8#



#12
1,3-Dichlorobenzene
Concen: 0.005 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.22 min
Lab File: BF101955.D
Acq: 9 Jan 2018 16:36

Tgt Ion: 146 Resp: 110
Ion Ratio Lower Upper
146 100
148 587.2 51.8 77.8#
75 10935.9 24.2 36.4#





#13

1,4-Dichlorobenzene

Concen: 0.005 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.14 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

Instrument :

BNA_F

ClientSampleId :

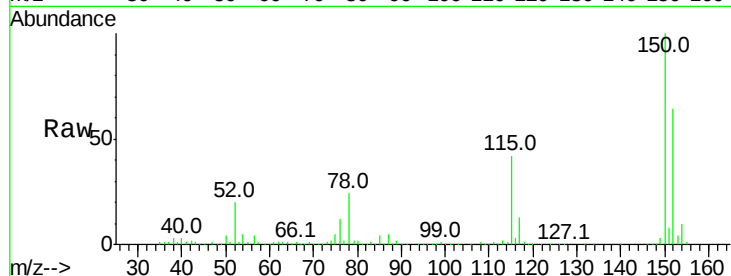
Tot Ion:146 Resp: 110

Ion Ratio Lower Upper

146 100

148 587.2 50.8 76.2#

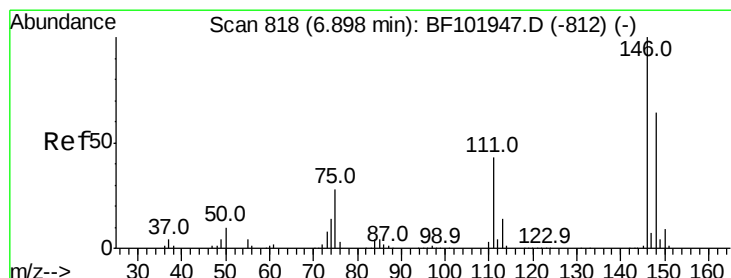
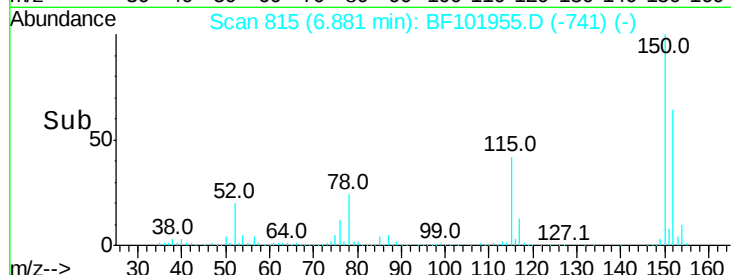
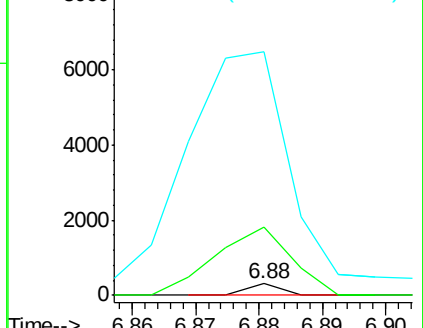
111 2076.9 34.2 51.2#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 0.006 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.02 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

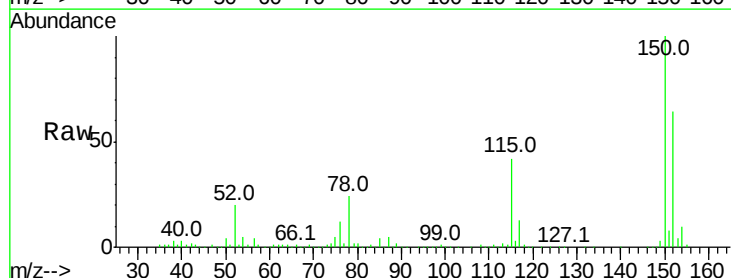
Tgt Ion:146 Resp: 110

Ion Ratio Lower Upper

146 100

148 587.2 50.6 75.8#

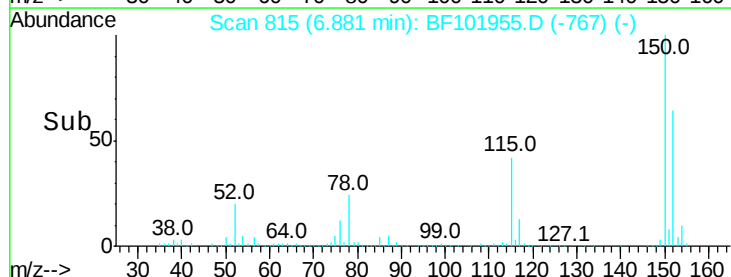
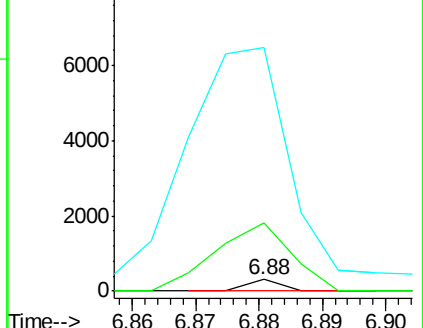
111 2076.9 36.0 54.0#

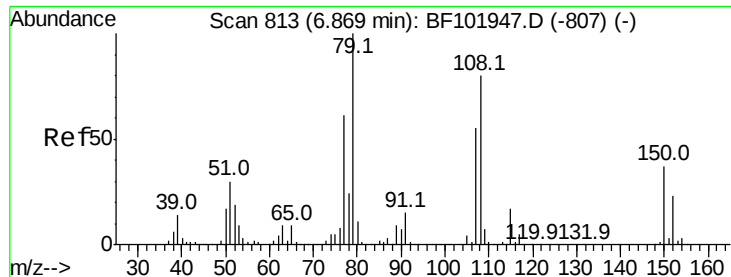


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

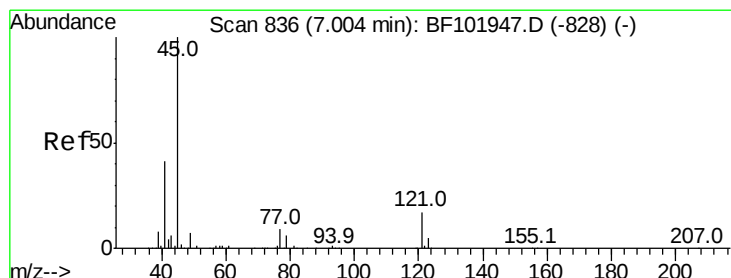
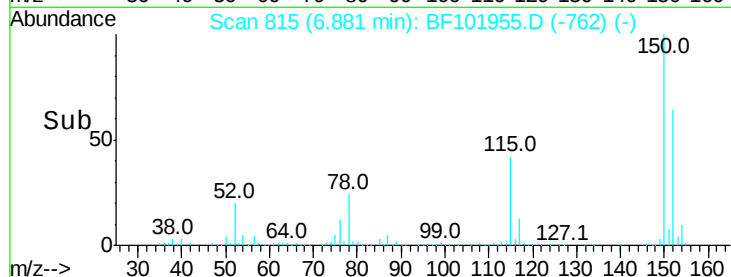
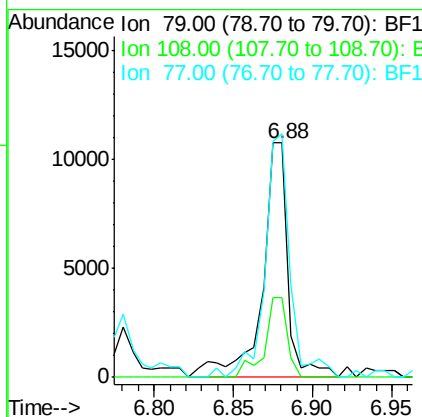
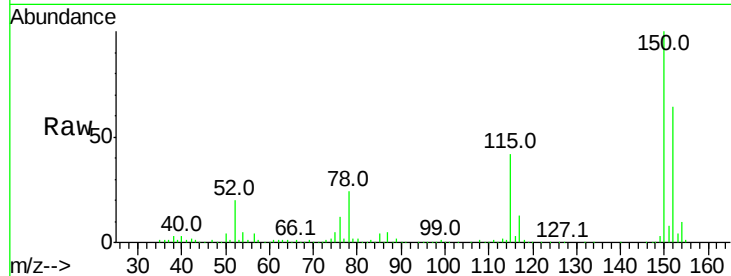




#15
Benzyl Alcohol
Concen: 0.785 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.01 min
Lab File: BF101955.D
Acq: 9 Jan 2018 16:36

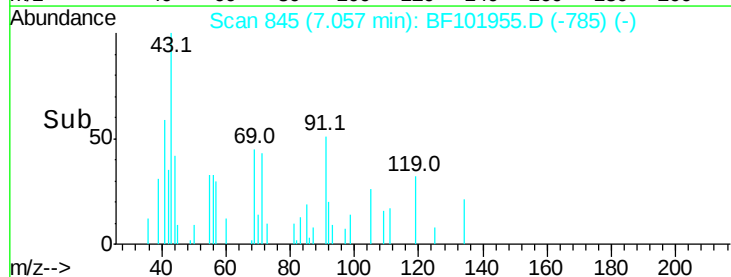
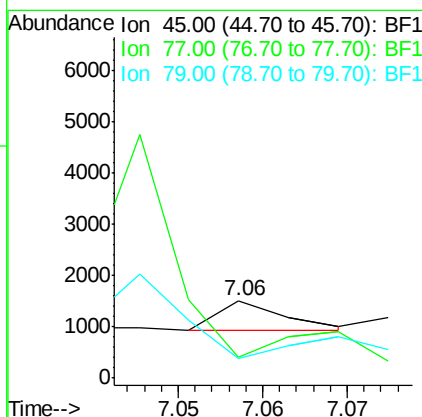
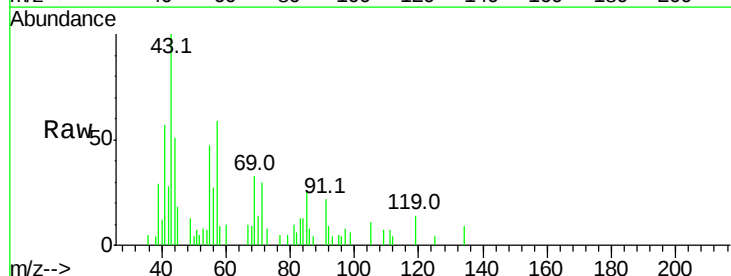
Instrument :
BNA_F
ClientSampled :

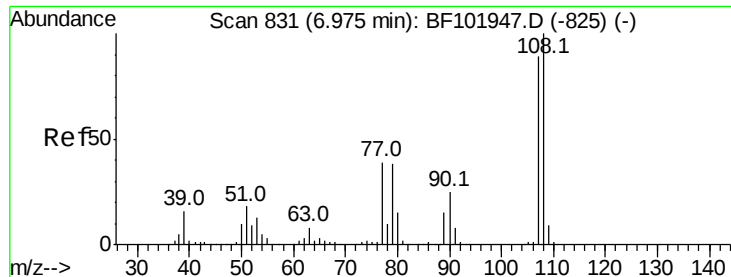
Tot Ion: 79 Resp: 12400
Ion Ratio Lower Upper
79 100
108 33.9 65.1 97.7#
77 103.8 50.6 75.8#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.009 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.05 min
Lab File: BF101955.D
Acq: 9 Jan 2018 16:36

Tgt Ion: 45 Resp: 317
Ion Ratio Lower Upper
45 100
77 26.2 0.0 32.9
79 25.8 0.0 29.6





#17

2-Methylphenol

Concen: 0.007 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 118

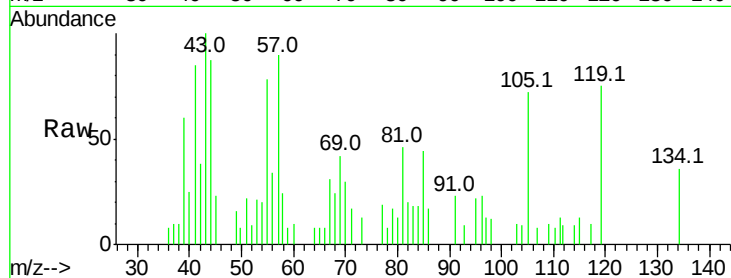
Ion Ratio Lower Upper

107 100

108 0.0 91.7 137.5#

77 227.8 33.8 50.8#

79 214.0 33.8 50.8#

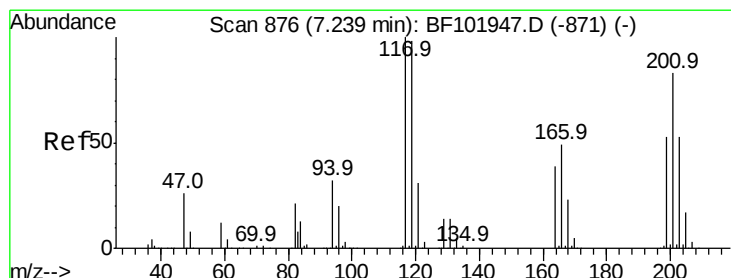
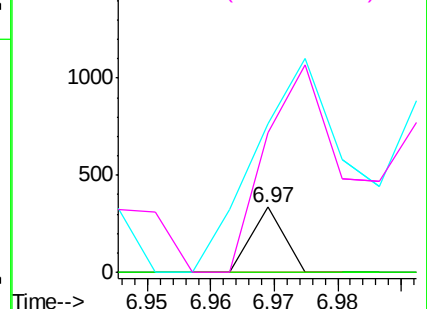
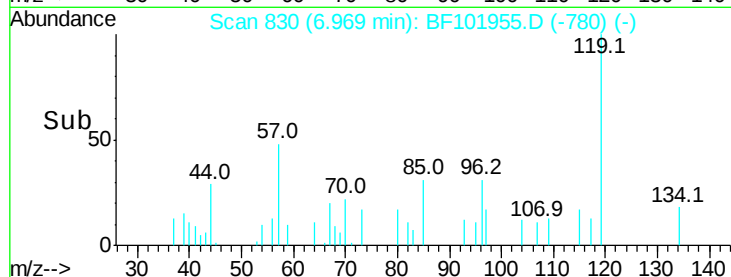


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 0.150 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.03 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

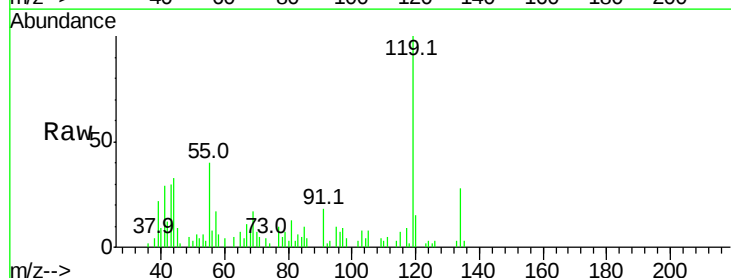
Tgt Ion:117 Resp: 1103

Ion Ratio Lower Upper

117 100

119 1079.5 75.8 113.8#

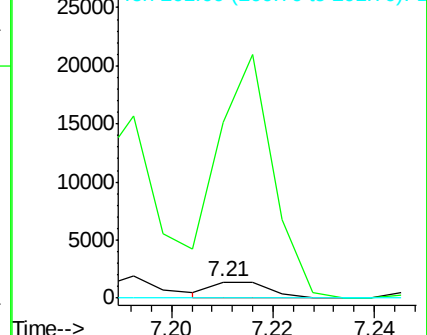
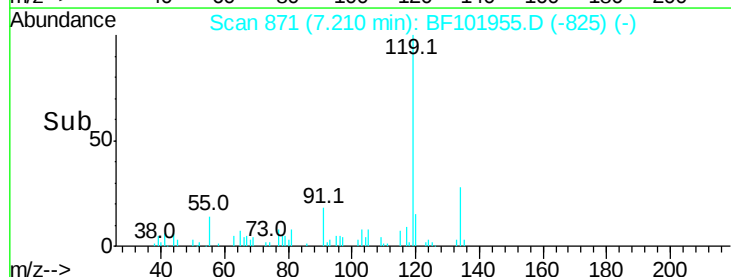
201 0.0 75.7 113.5#

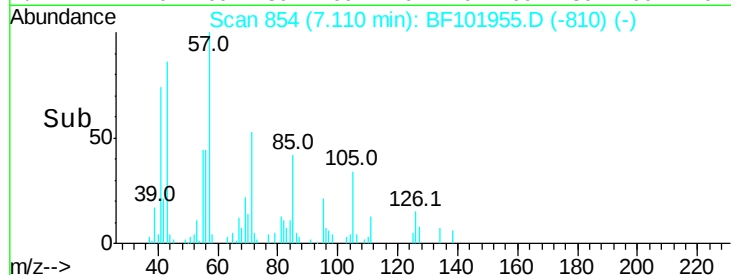
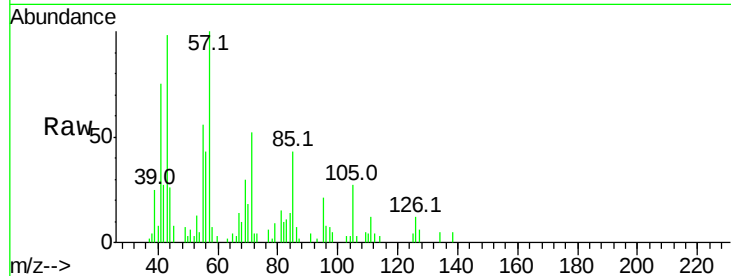
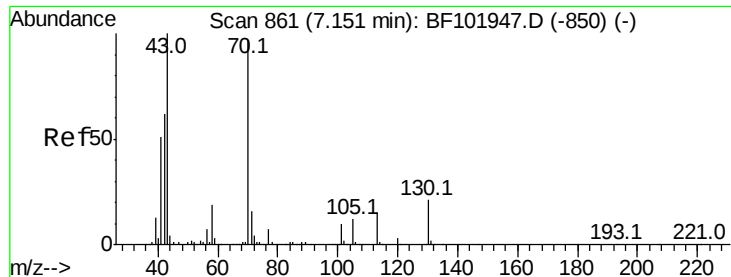


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

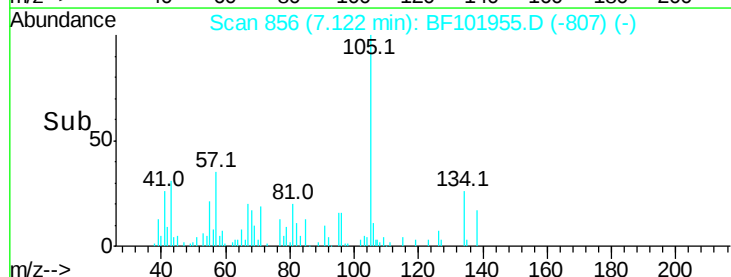
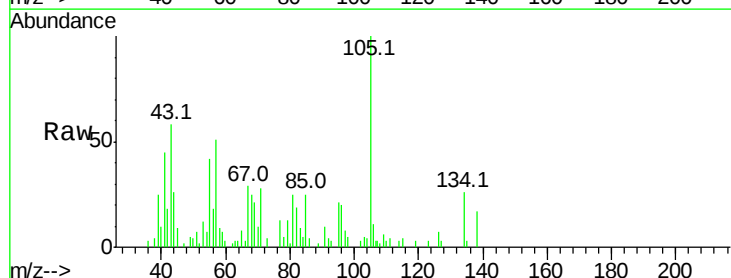
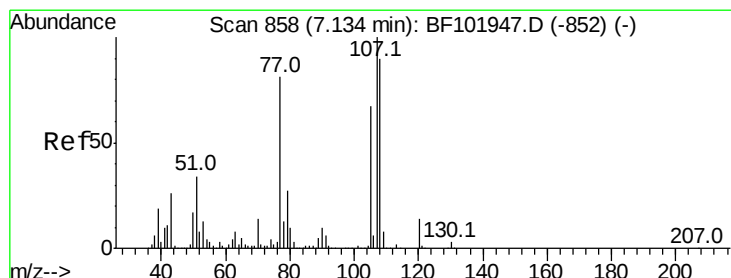
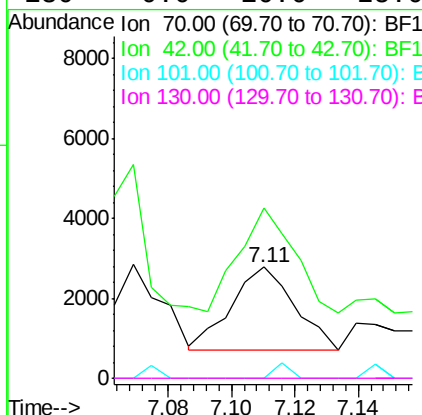




#19
n-Nitroso-di-n-propylamine
Concen: 0.205 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.04 min
Lab File: BF101955.D
Acq: 9 Jan 2018 16:36

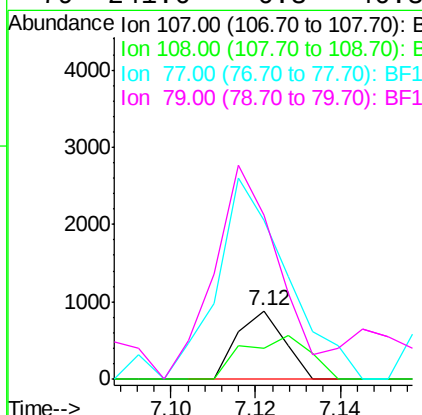
Instrument :
BNA_F
ClientSampleId :

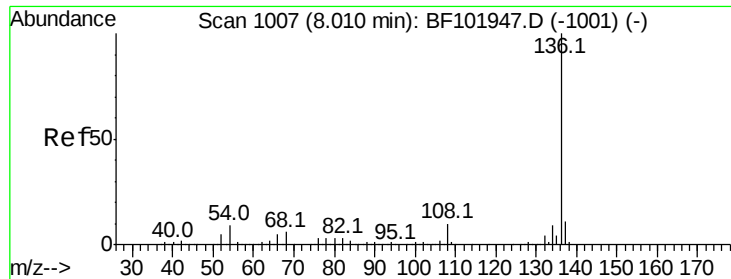
Tot Ion: 70 Resp: 2904
Ion Ratio Lower Upper
70 100
42 153.4 47.5 71.3#
101 0.0 7.4 11.2#
130 0.0 16.6 25.0#



#20
3+4-Methylphenols
Concen: 0.034 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF101955.D
Acq: 9 Jan 2018 16:36

Tgt Ion: 107 Resp: 677
Ion Ratio Lower Upper
107 100
108 45.5 68.2 108.2#
77 233.9 26.7 66.7#
79 241.6 6.3 46.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 970438

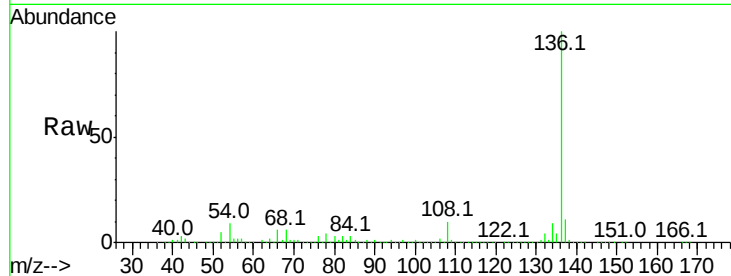
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.5 6.6 9.8

68 6.4 5.0 7.4

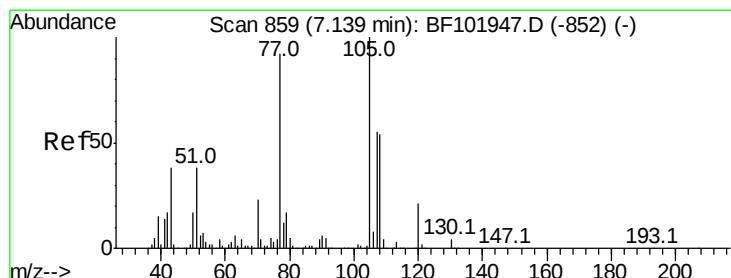
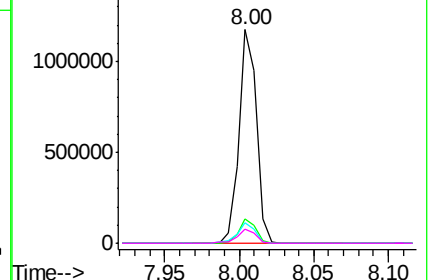
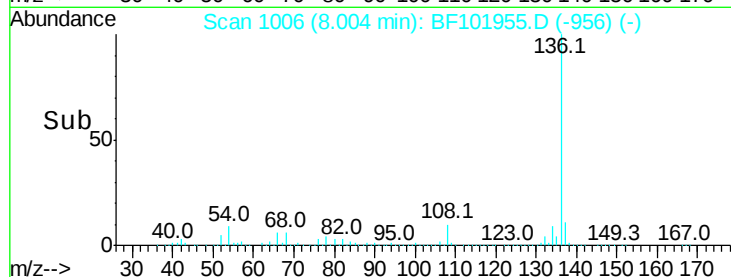


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 0.625 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.02 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

Tgt Ion:105 Resp: 14618

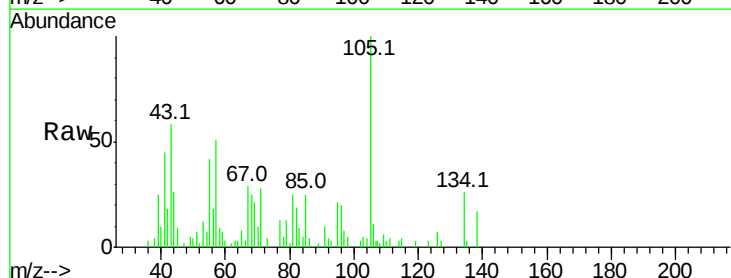
Ion Ratio Lower Upper

105 100

71 27.9 4.4 6.6#

51 7.0 22.3 33.5#

120 0.0 16.9 25.3#

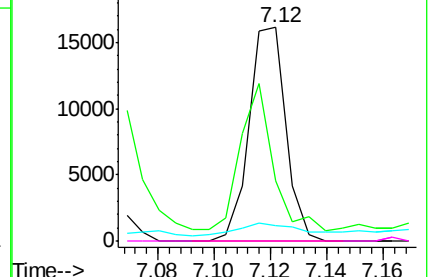
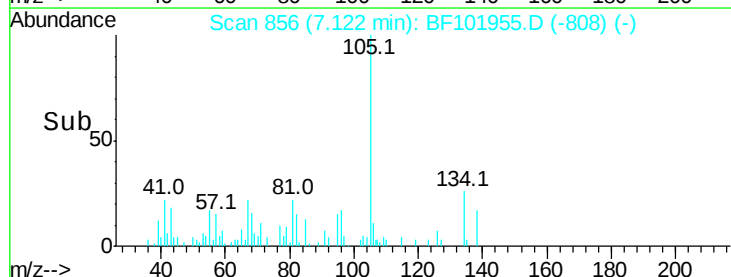


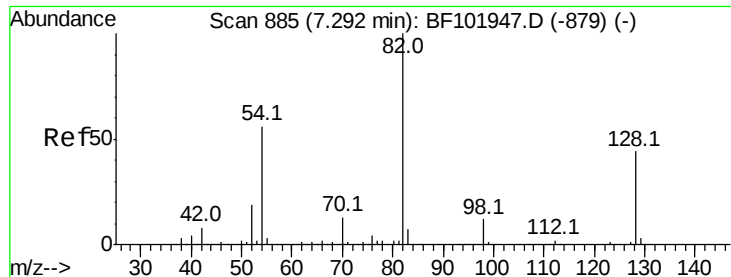
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

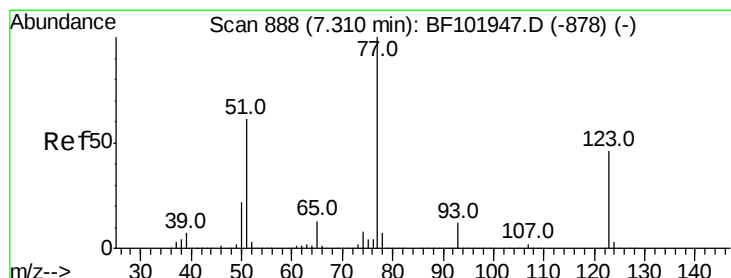
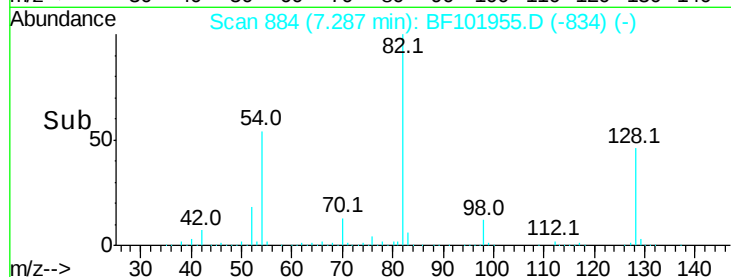
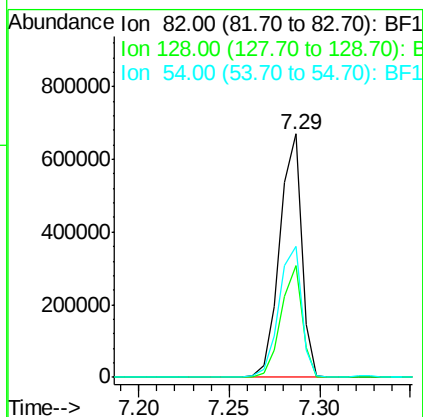
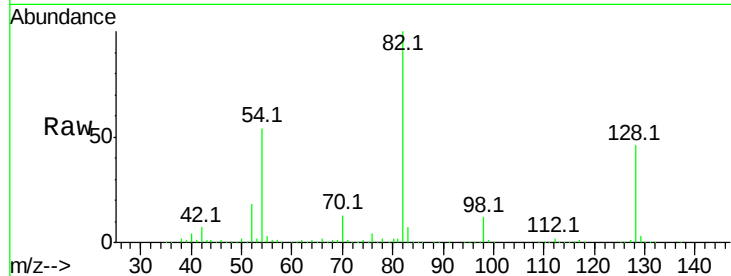




#23
Nitrobenzene-d5
Concen: 34.026 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF101955.D
Acq: 9 Jan 2018 16:36

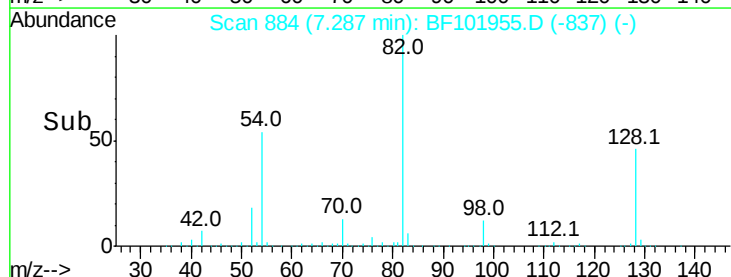
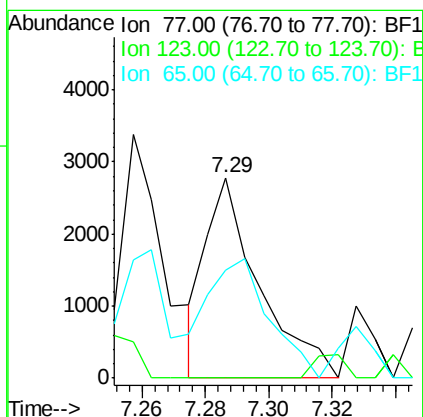
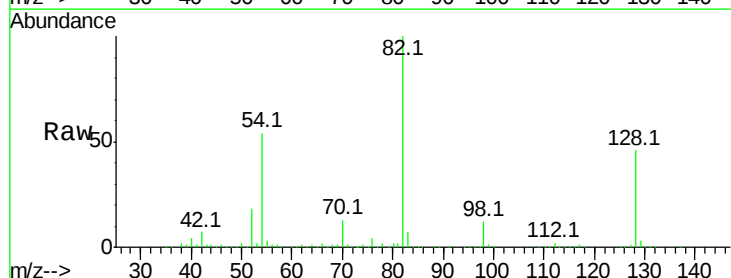
Instrument :
BNA_F
ClientSampleId :

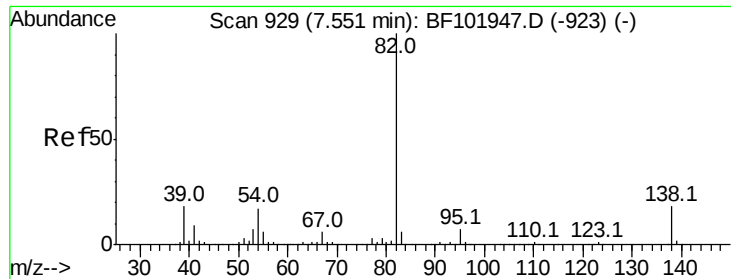
Tot Ion: 82 Resp: 561903
Ion Ratio Lower Upper
82 100
128 45.9 36.1 54.1
54 53.6 41.4 62.2



#24
Nitrobenzene
Concen: 0.183 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF101955.D
Acq: 9 Jan 2018 16:36

Tgt Ion: 77 Resp: 3241
Ion Ratio Lower Upper
77 100
123 0.0 37.9 56.9#
65 53.6 11.0 16.4#





#25

Isophorone

Concen: 17.102 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

Instrument :

BNA_F

ClientSampleId :

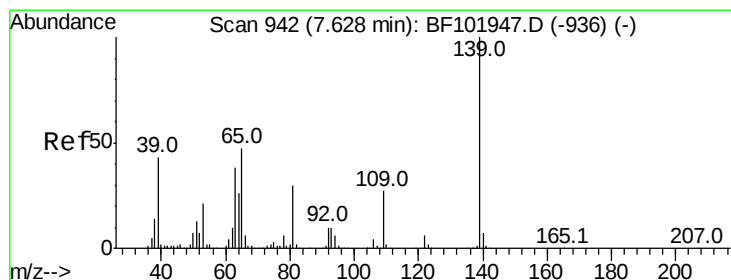
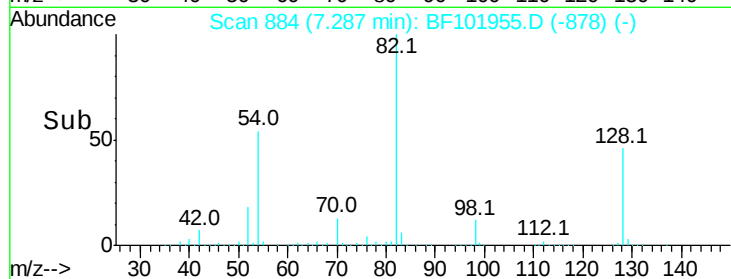
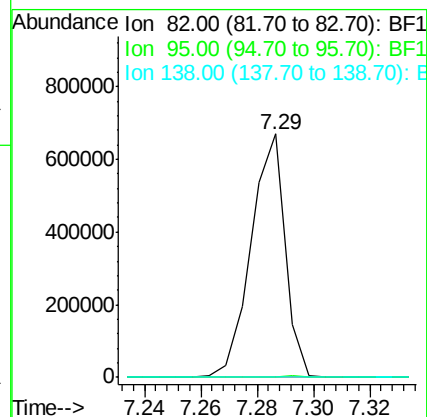
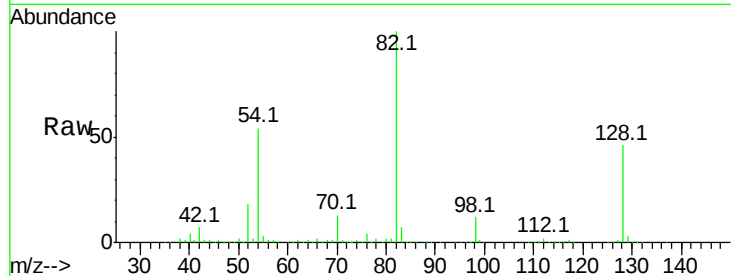
Tot Ion: 82 Resp: 558049

Ion Ratio Lower Upper

82 100

95 0.3 5.2 7.8#

138 0.0 14.9 22.3#



#26

2-Nitrophenol

Concen: 0.039 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

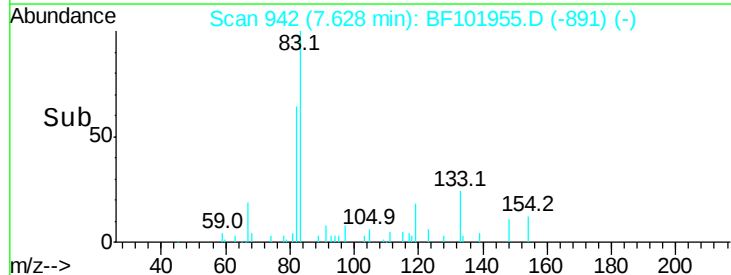
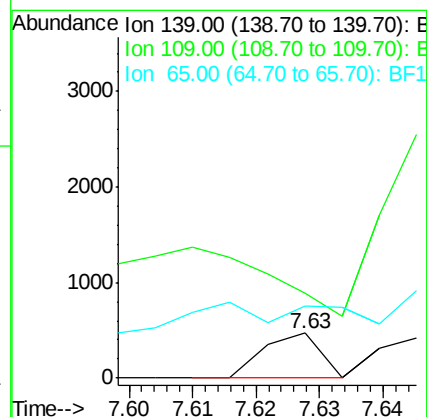
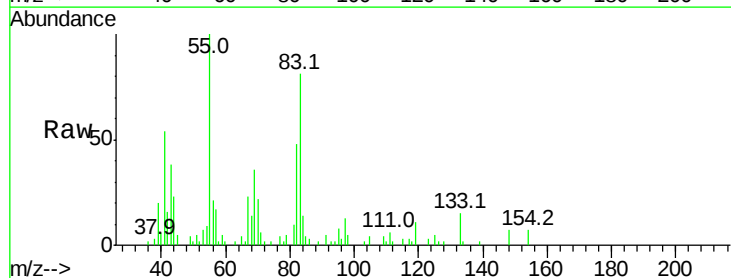
Tgt Ion:139 Resp: 289

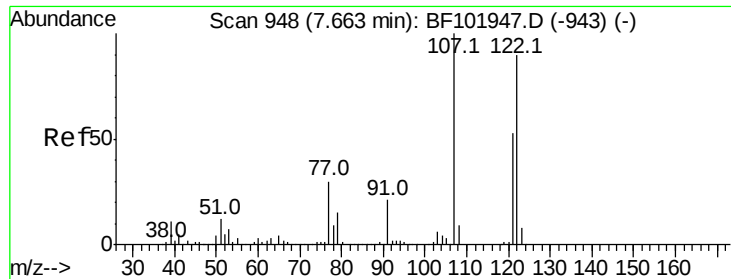
Ion Ratio Lower Upper

139 100

109 189.8 22.7 34.1#

65 159.4 40.5 60.7#

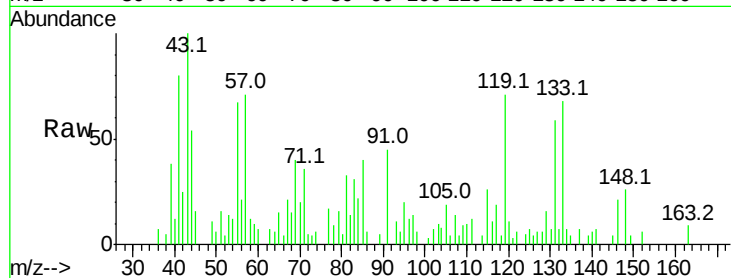




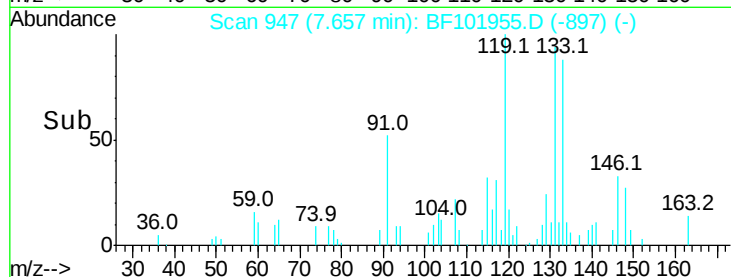
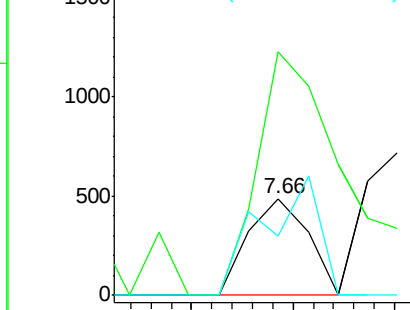
#27
2,4-Dimethylphenol
Concen: 0.029 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF101955.D
Acq: 9 Jan 2018 16:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 399
Ion Ratio Lower Upper
122 100
107 252.7 91.2 136.8#
121 61.9 47.2 70.8

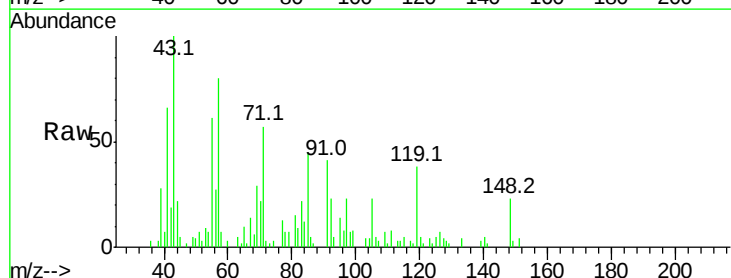
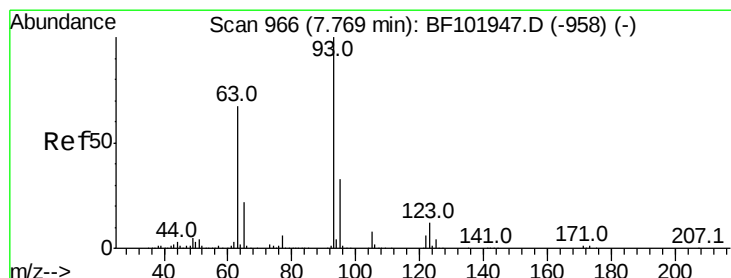


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

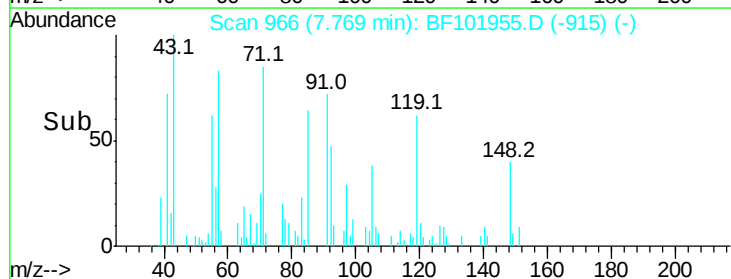
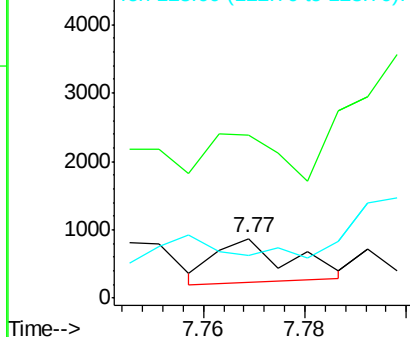


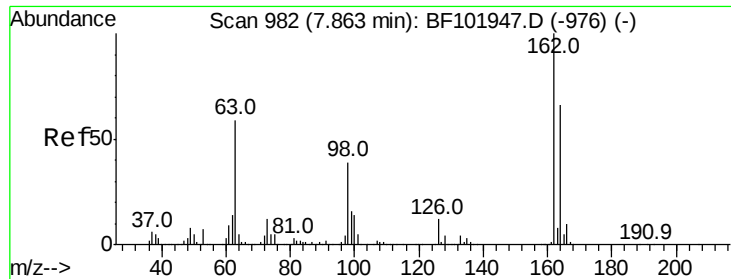
#28
bis(2-Chloroethoxy)methane
Concen: 0.034 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF101955.D
Acq: 9 Jan 2018 16:36

Tgt Ion: 93 Resp: 669
Ion Ratio Lower Upper
93 100
95 275.8 26.3 39.5#
123 72.8 9.8 14.6#



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

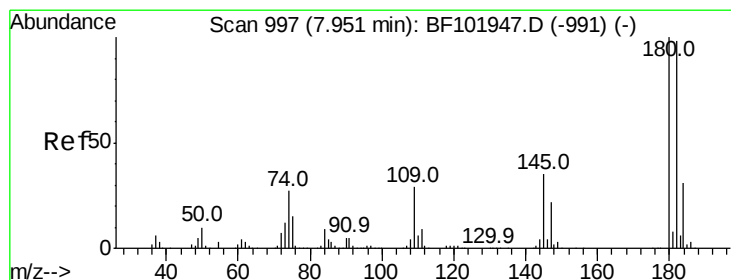
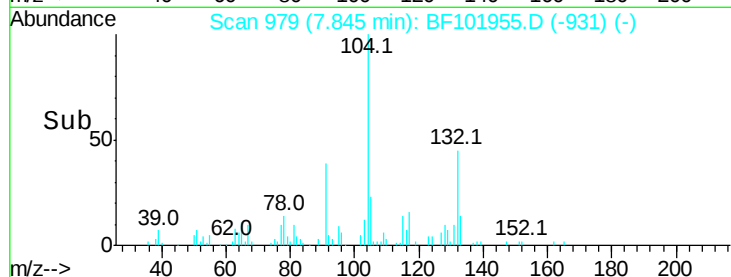
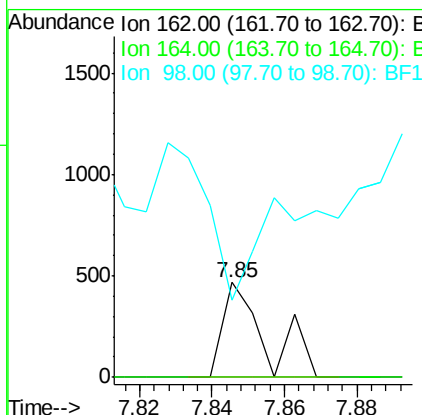
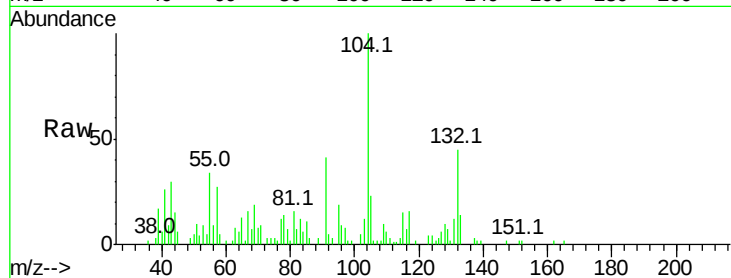




#29
 2,4-Dichlorophenol
 Concen: 0.029 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.02 min
 Lab File: BF101955.D
 Acq: 9 Jan 2018 16:36

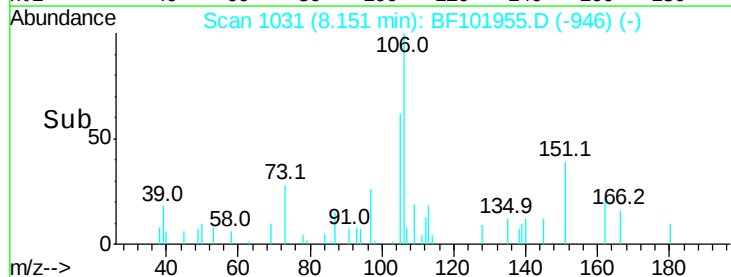
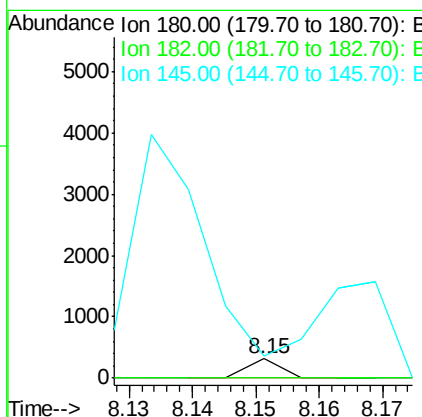
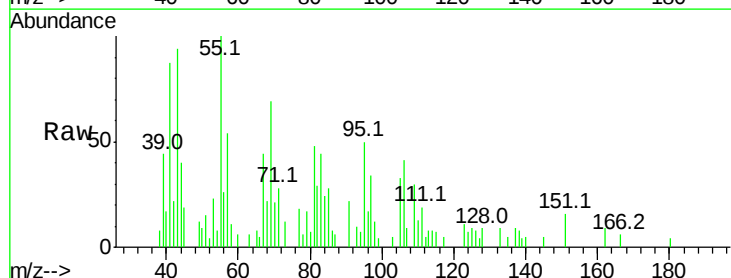
Instrument :
 BNA_F
 ClientSampleId :

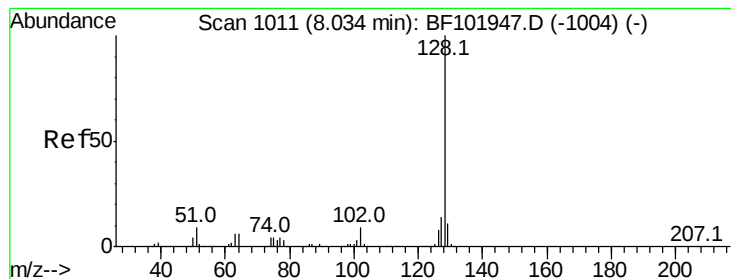
Tot Ion:162 Resp: 388
 Ion Ratio Lower Upper
 162 100
 164 0.0 42.7 82.7#
 98 82.0 18.1 58.1#



#30
 1,2,4-Trichlorobenzene
 Concen: 0.008 ng
 RT: 8.15 min Scan# 1031
 Delta R.T. 0.20 min
 Lab File: BF101955.D
 Acq: 9 Jan 2018 16:36

Tgt Ion:180 Resp: 112
 Ion Ratio Lower Upper
 180 100
 182 0.0 76.8 115.2#
 145 113.0 26.5 39.7#





#31

Naphthalene

Concen: 0.257 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

Instrument :

BNA_F

ClientSampleId :

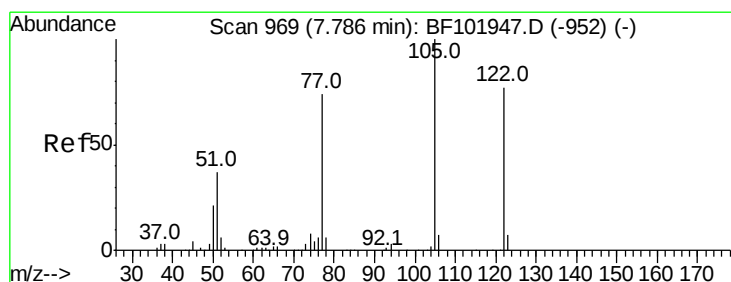
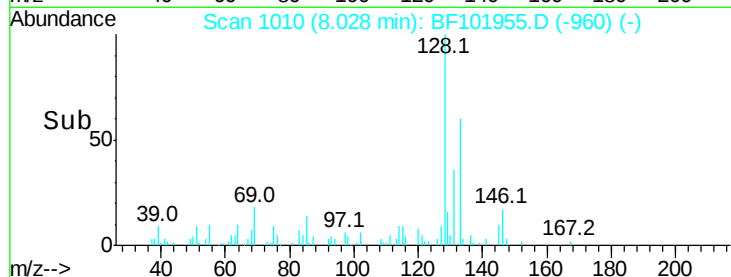
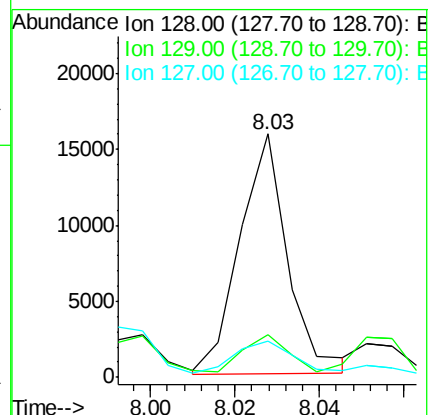
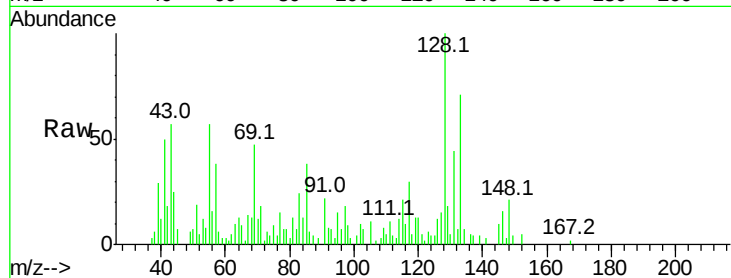
Tot Ion:128 Resp: 12462

Ion Ratio Lower Upper

128 100

129 17.7 8.8 13.2#

127 15.0 10.9 16.3



#32

Benzoic acid

Concen: 0.011 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

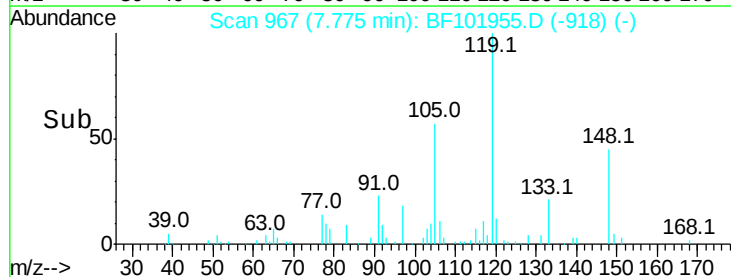
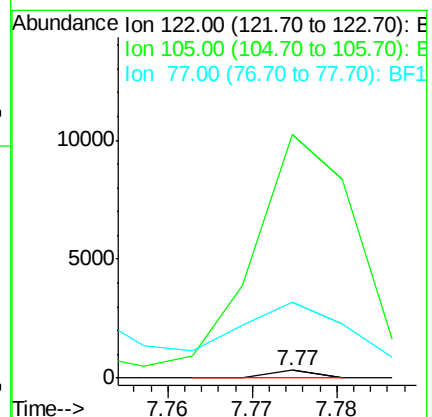
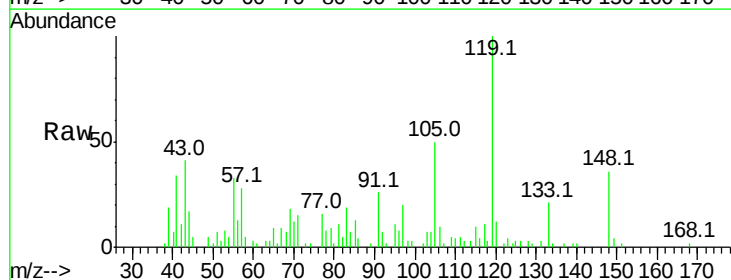
Tgt Ion:122 Resp: 119

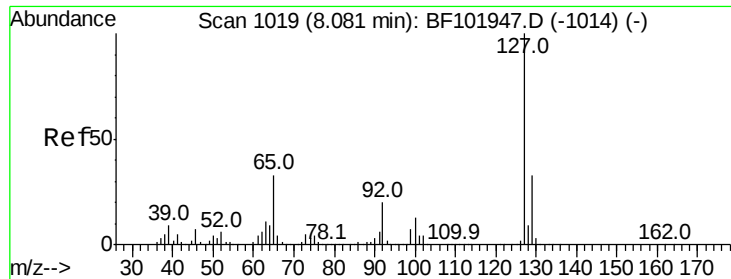
Ion Ratio Lower Upper

122 100

105 3037.7 101.1 141.1#

77 945.7 70.7 110.7#

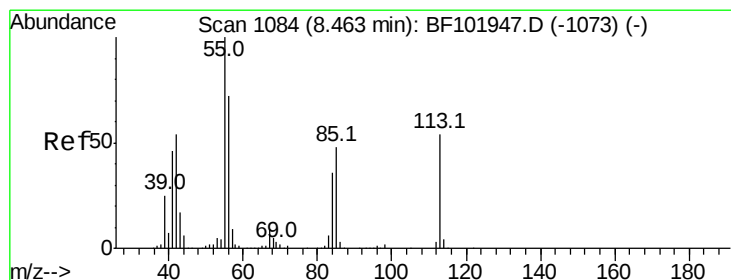
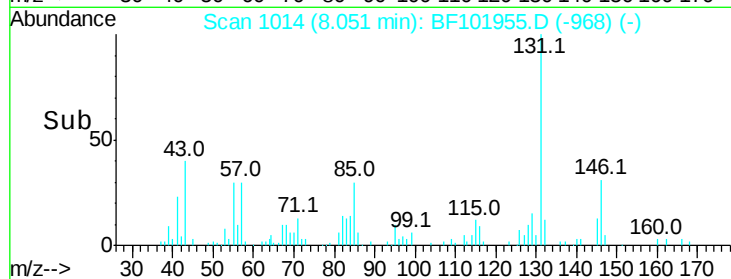
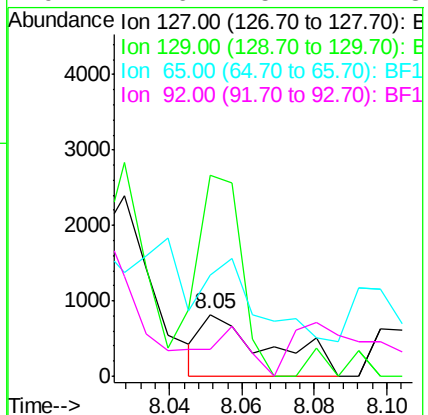
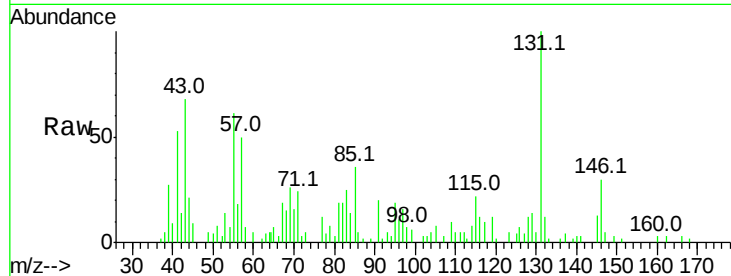




#33
4-Chloroaniline
Concen: 0.051 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.03 min
Lab File: BF101955.D
Acq: 9 Jan 2018 16:36

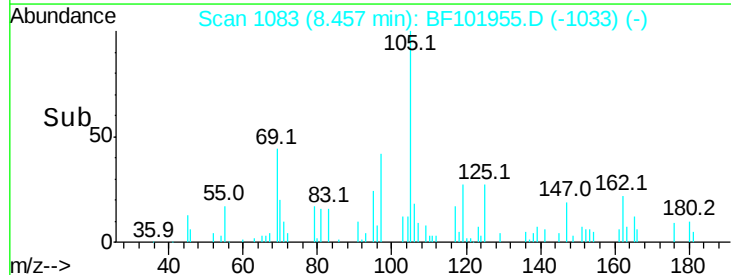
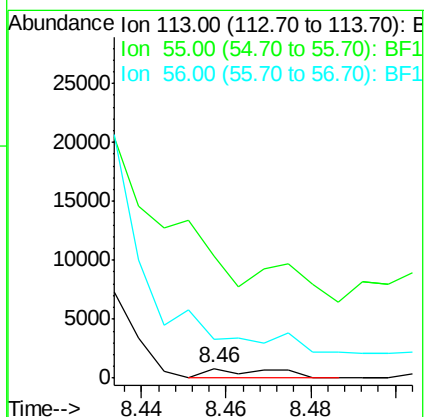
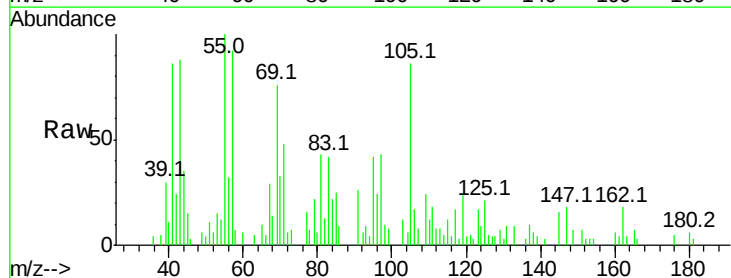
Instrument :
BNA_F
ClientSampleId :

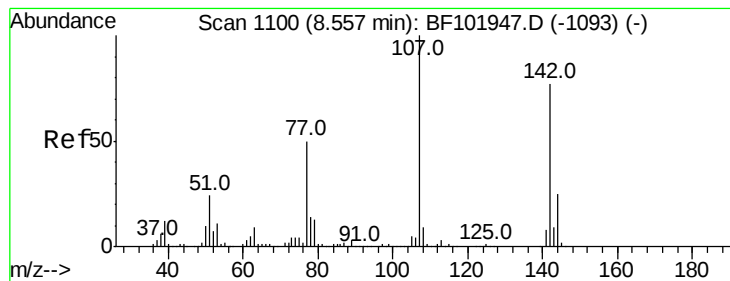
Tot Ion:127 Resp: 1056
Ion Ratio Lower Upper
127 100
129 325.0 25.9 38.9#
65 163.0 25.0 37.4#
92 42.6 15.2 22.8#



#35
Caprolactam
Concen: 0.197 ng
RT: 8.46 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BF101955.D
Acq: 9 Jan 2018 16:36

Tgt Ion:113 Resp: 892
Ion Ratio Lower Upper
113 100
55 1234.4 163.3 203.3#
56 396.9 115.7 155.7#





#36

4-Chloro-3-methylphenol

Concen: 0.100 ng

RT: 8.56 min Scan# 1101

Delta R.T. 0.01 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

Instrument :

BNA_F

ClientSampleId :

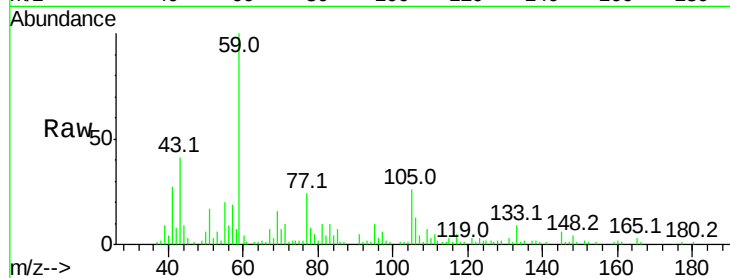
Tot Ion:107 Resp: 1435

Ion Ratio Lower Upper

107 100

144 0.0 20.5 30.7#

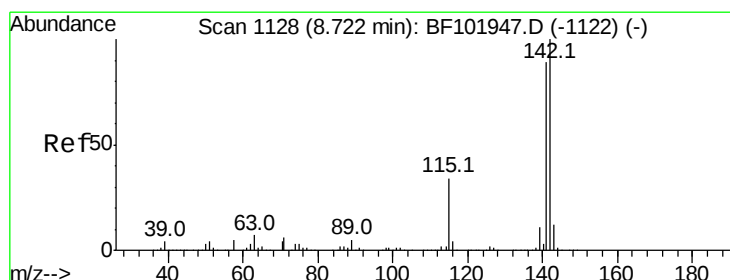
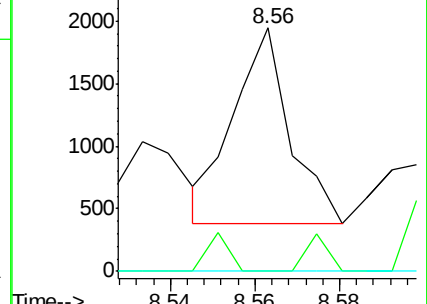
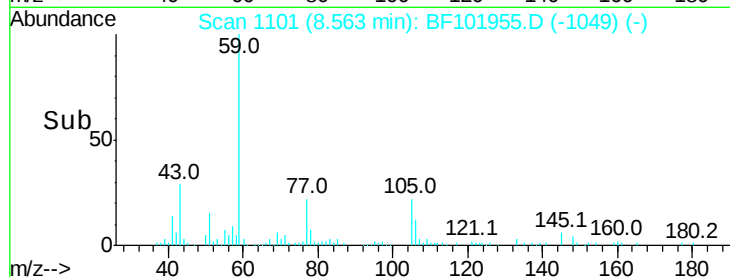
142 0.0 62.0 93.0#



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: 0.447 ng

RT: 8.72 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

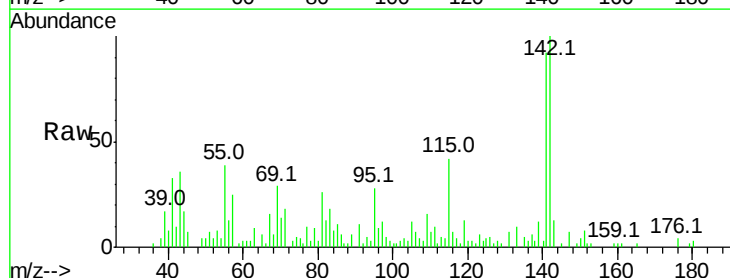
Tgt Ion:142 Resp: 14266

Ion Ratio Lower Upper

142 100

141 91.8 70.8 106.2

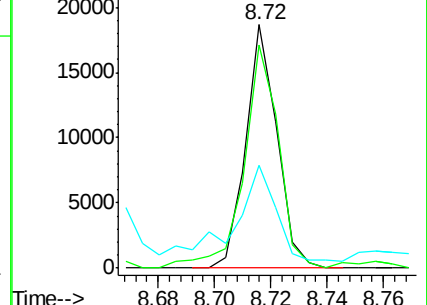
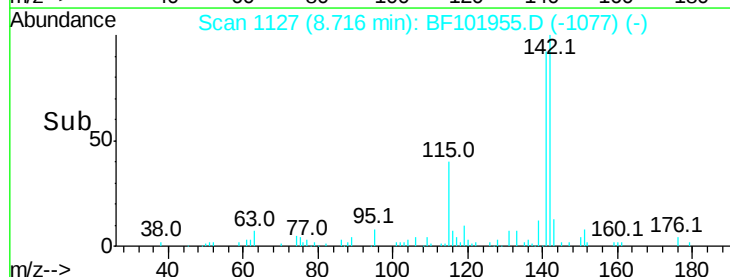
115 42.1 26.1 39.1#

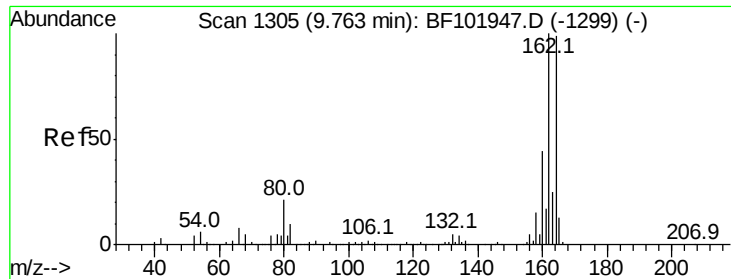


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

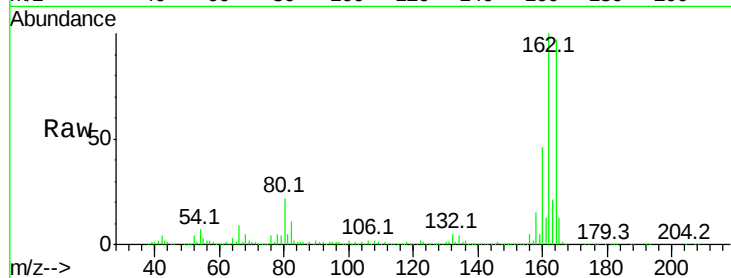




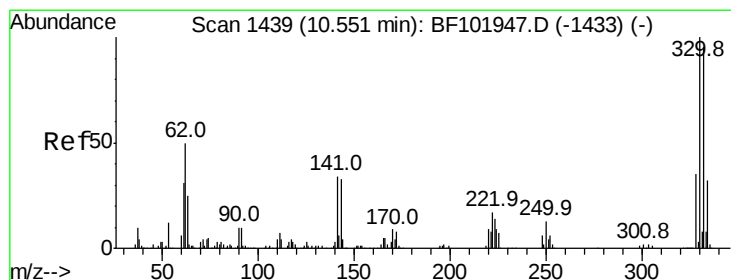
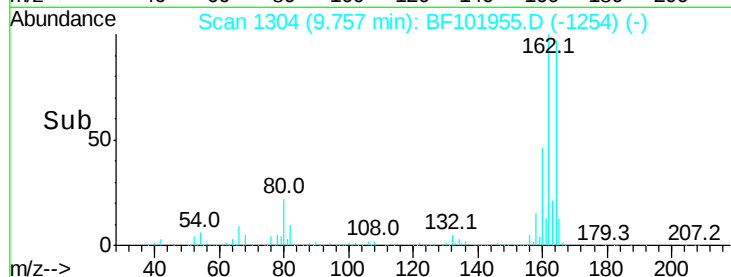
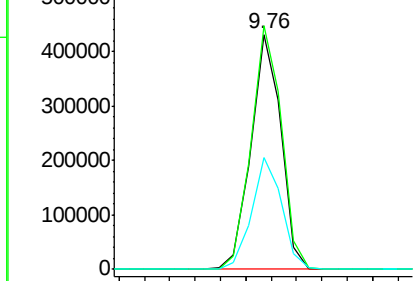
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF101955.D
Acq: 9 Jan 2018 16:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 354914
Ion Ratio Lower Upper
164 100
162 103.6 86.1 129.1
160 47.5 38.3 57.5

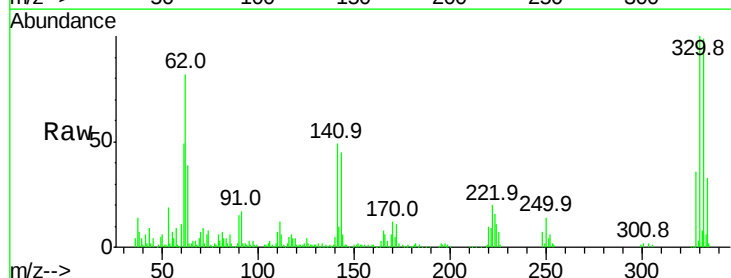


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

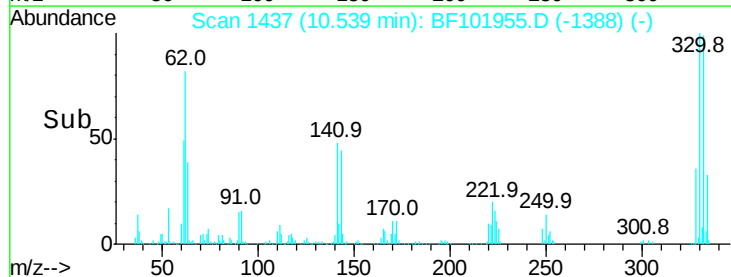
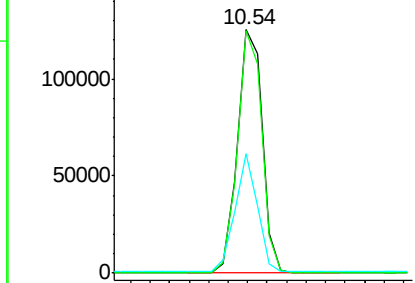


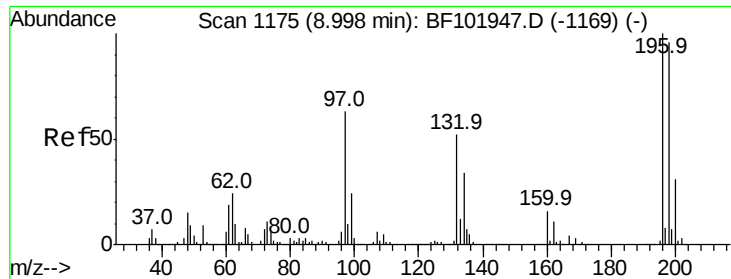
#41
2,4,6-Tribromophenol
Concen: 35.682 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF101955.D
Acq: 9 Jan 2018 16:36

Tgt Ion:330 Resp: 110519
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.6
141 43.3 29.9 44.9



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

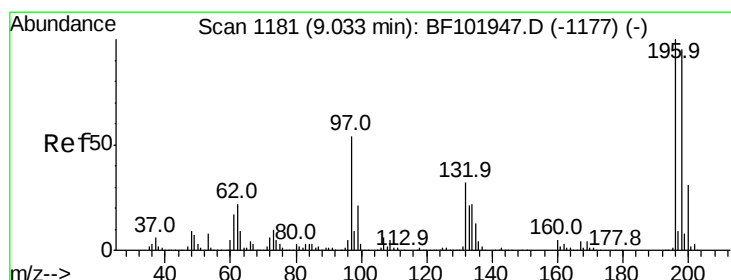
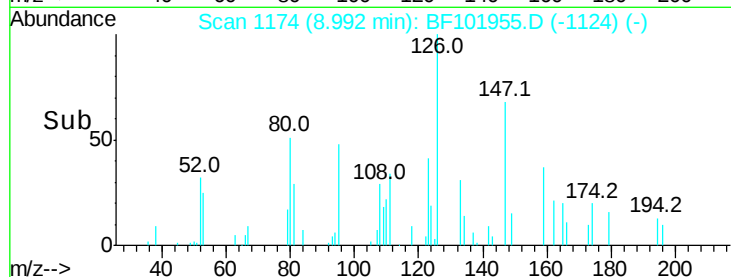
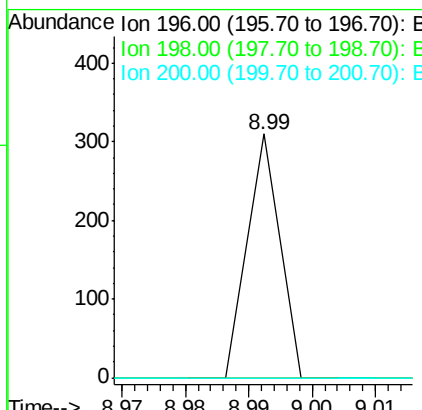
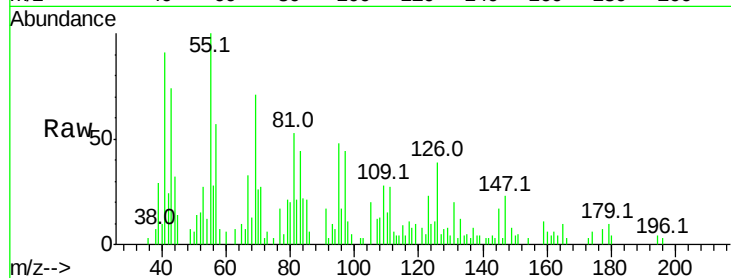




#42
 2,4,6-Trichlorophenol
 Concen: 0.016 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF101955.D
 Acq: 9 Jan 2018 16:36

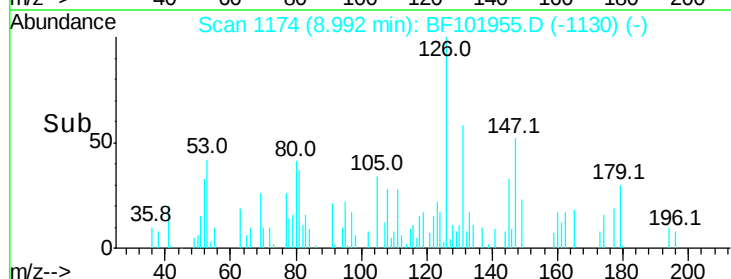
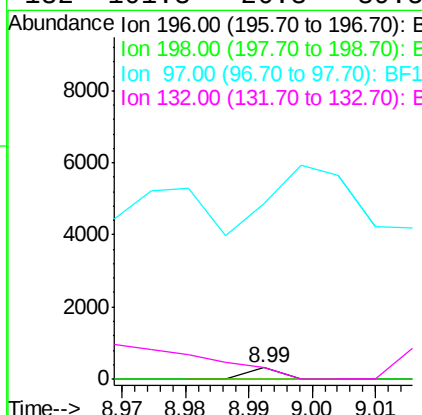
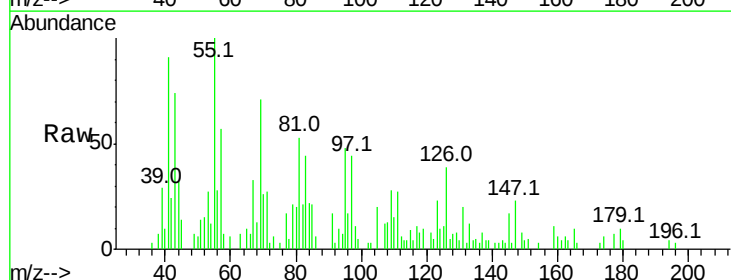
Instrument :
 BNA_F
 ClientSampleId :

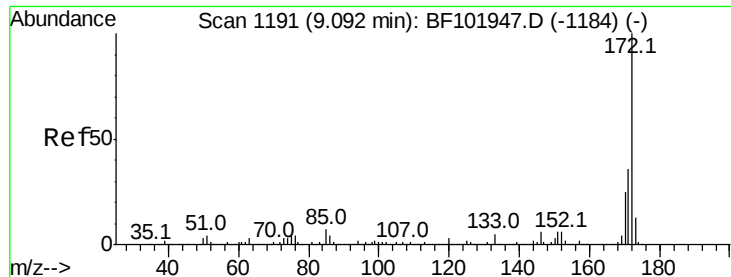
Tot Ion:196 Resp: 109
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.7 113.5#
 200 0.0 24.5 36.7#



#43
 2,4,5-Trichlorophenol
 Concen: 0.014 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.04 min
 Lab File: BF101955.D
 Acq: 9 Jan 2018 16:36

Tgt Ion:196 Resp: 109
 Ion Ratio Lower Upper
 196 100
 198 0.0 74.6 112.0#
 97 1571.3 42.9 64.3#
 132 101.3 26.3 39.5#

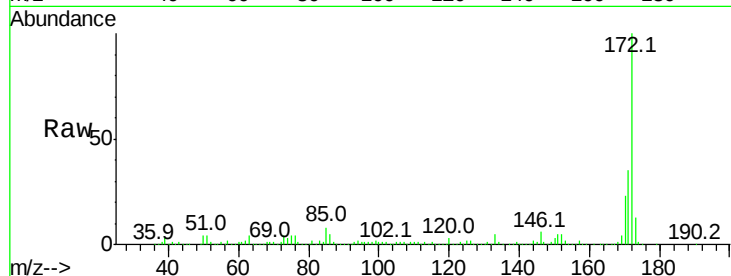




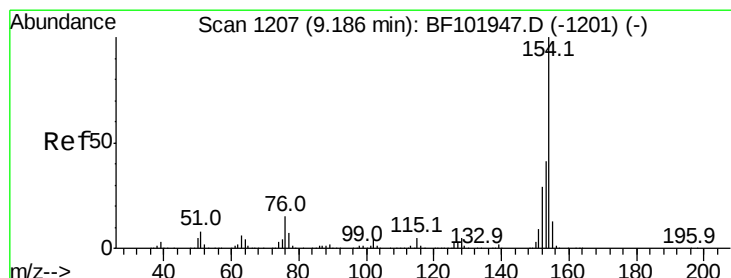
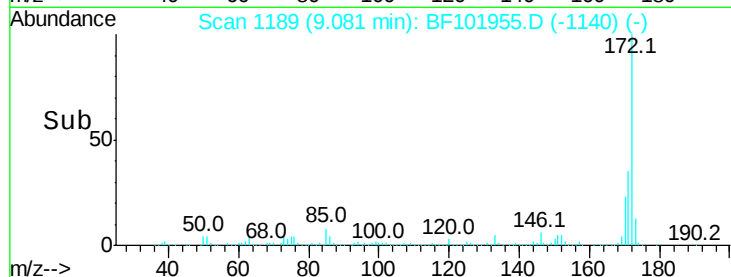
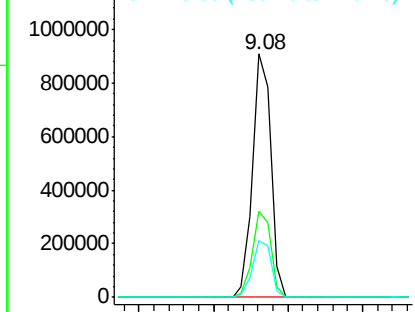
#44
2-Fluorobiphenyl
Concen: 33.590 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF101955.D
Acq: 9 Jan 2018 16:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 763090
Ion Ratio Lower Upper
172 100
171 35.2 29.7 44.5
170 23.4 19.6 29.4

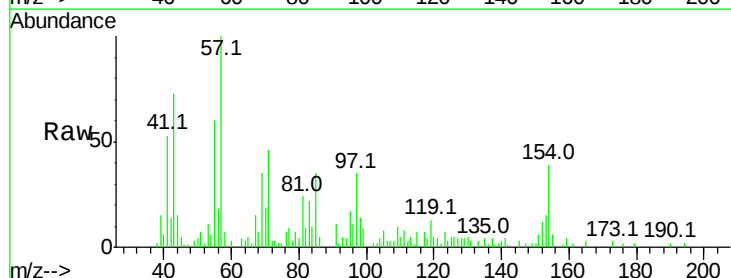


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

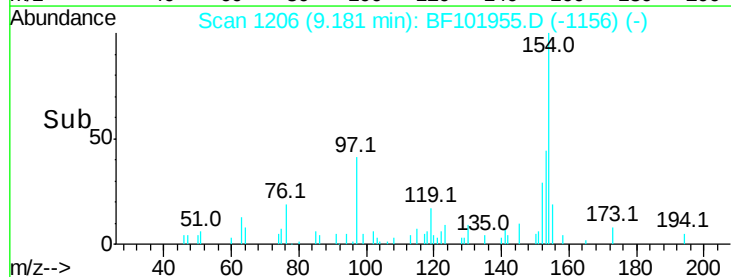
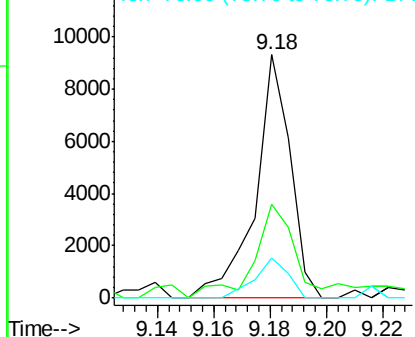


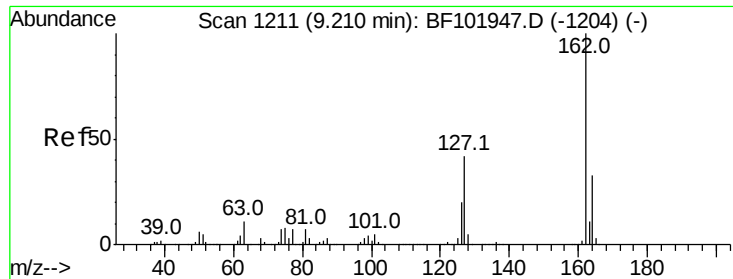
#45
1,1'-Biphenyl
Concen: 0.255 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF101955.D
Acq: 9 Jan 2018 16:36

Tgt Ion:154 Resp: 7998
Ion Ratio Lower Upper
154 100
153 38.3 21.3 61.3
76 16.6 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

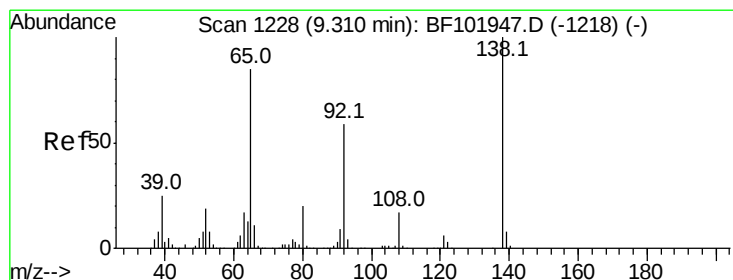
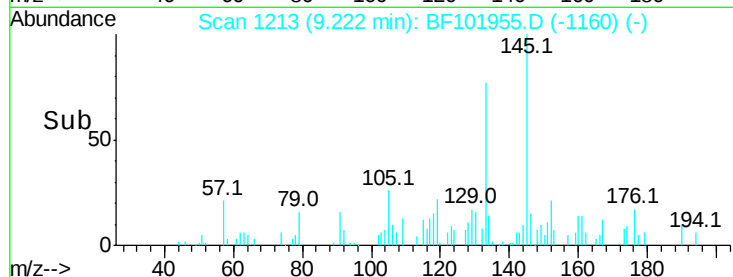
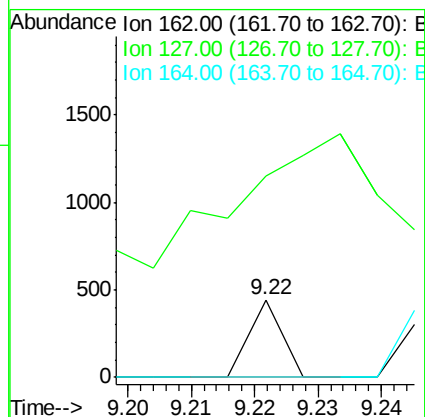
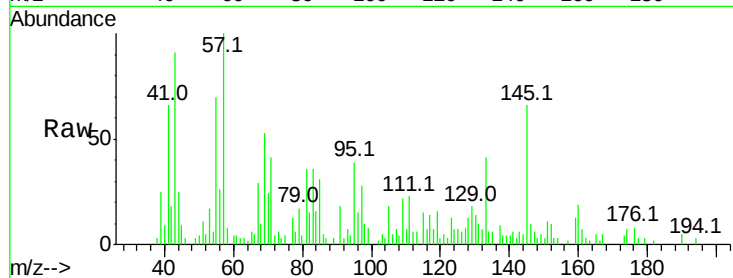




#46
2-Chloronaphthalene
Concen: 0.006 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BF101955.D
Acq: 9 Jan 2018 16:36

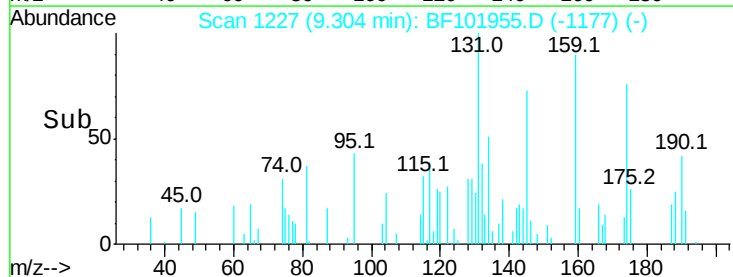
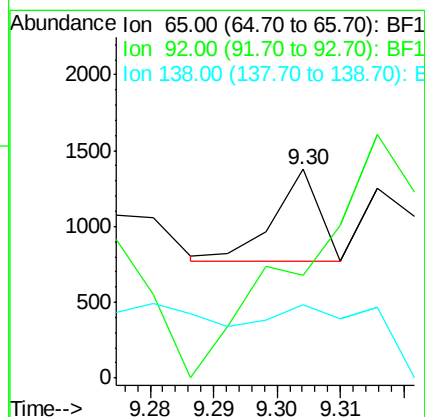
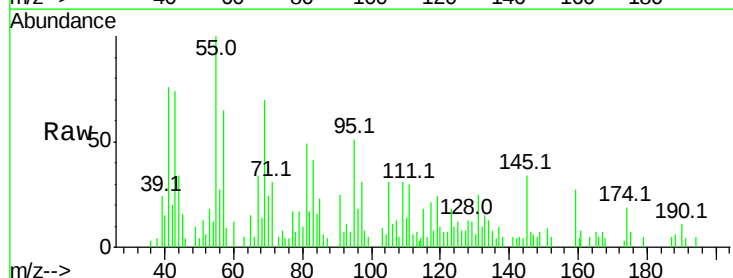
Instrument :
BNA_F
ClientSampleId :

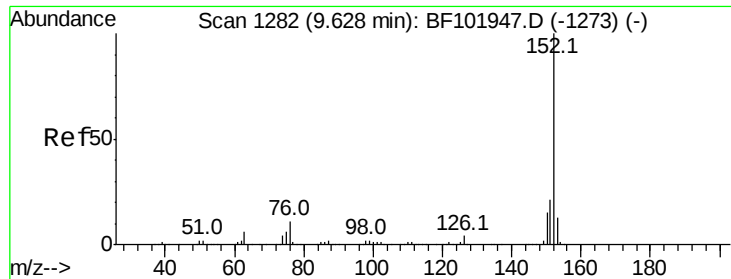
Tot Ion:162 Resp: 156
Ion Ratio Lower Upper
162 100
127 259.6 33.9 50.9#
164 0.0 26.5 39.7#



#47
2-Nitroaniline
Concen: 0.041 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF101955.D
Acq: 9 Jan 2018 16:36

Tgt Ion: 65 Resp: 298
Ion Ratio Lower Upper
65 100
92 49.3 55.8 83.6#
138 35.0 91.2 136.8#





#48

Acenaphthylene

Concen: 0.234 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

Instrument :

BNA_F

ClientSampleId :

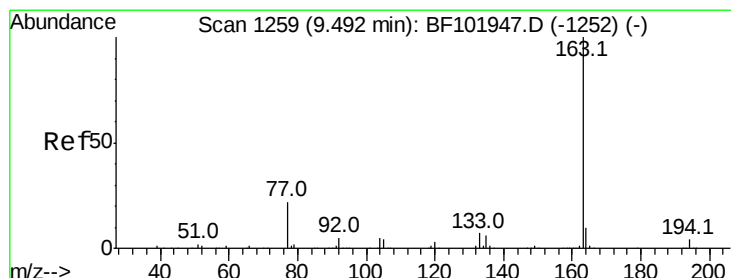
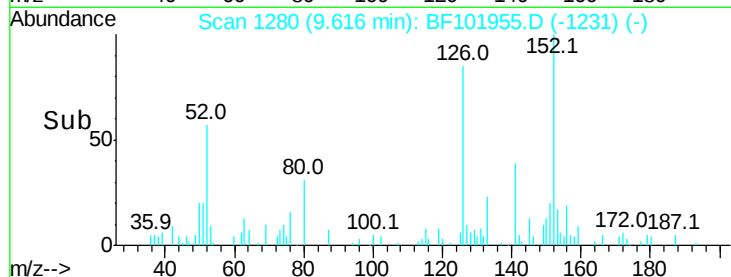
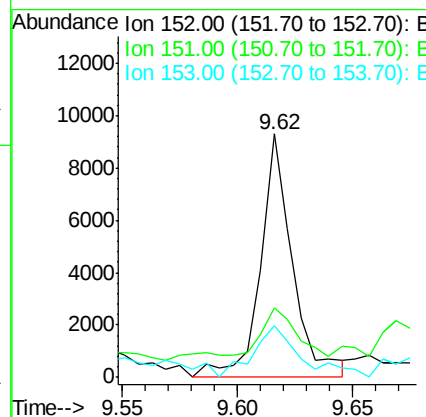
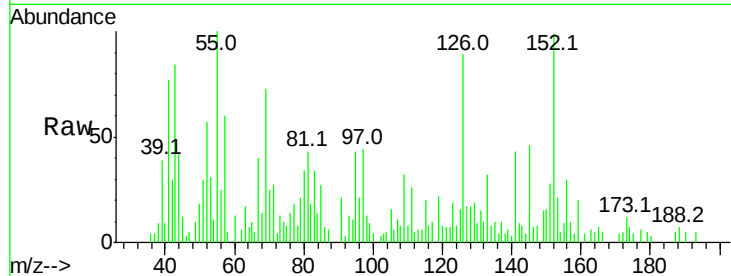
Tot Ion:152 Resp: 9047

Ion Ratio Lower Upper

152 100

151 28.4 16.3 24.5#

153 21.4 10.7 16.1#



#49

Dimethylphthalate

Concen: 2.674 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

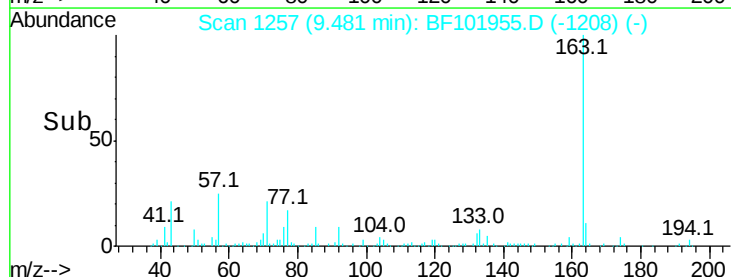
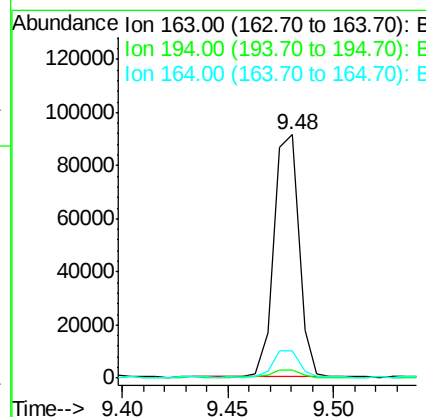
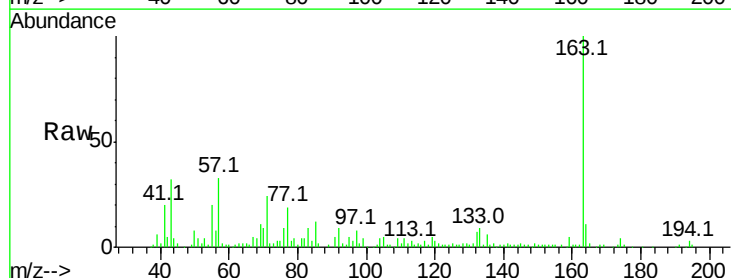
Tgt Ion:163 Resp: 76140

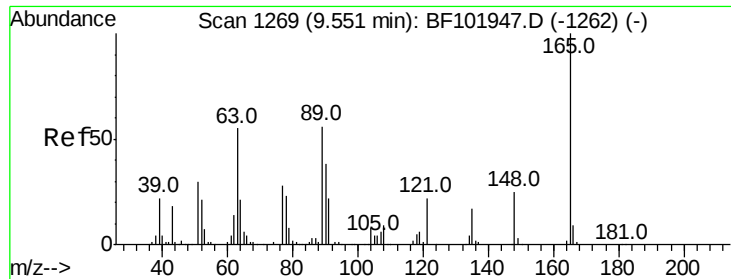
Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

164 11.1 8.2 12.2

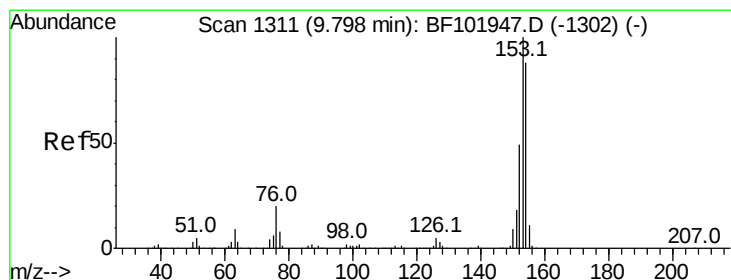
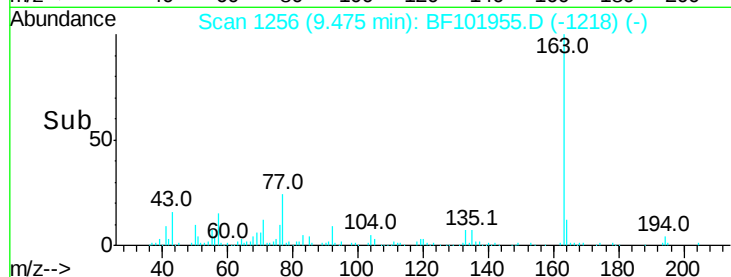
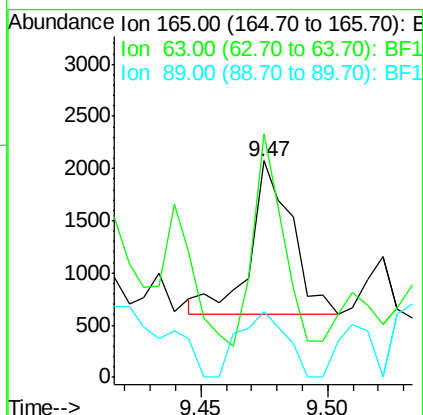
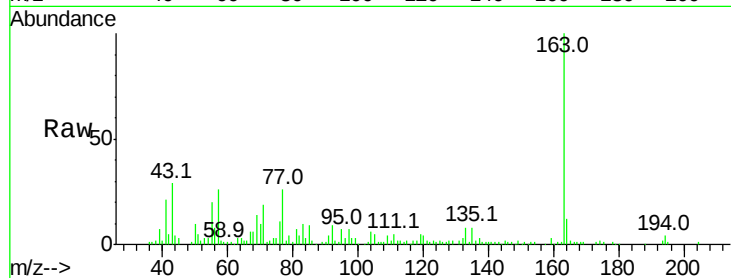




#50
2,6-Dinitrotoluene
Concen: 0.295 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.08 min
Lab File: BF101955.D
Acq: 9 Jan 2018 16:36

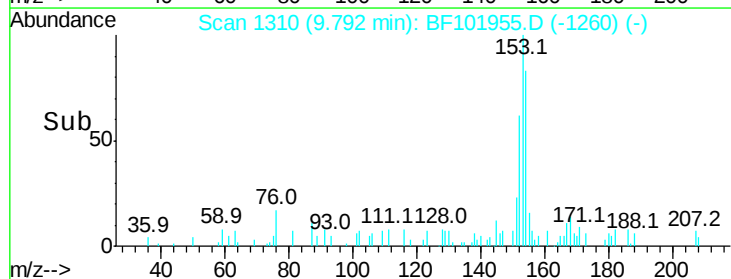
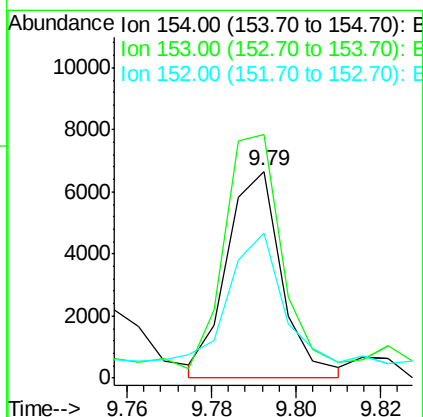
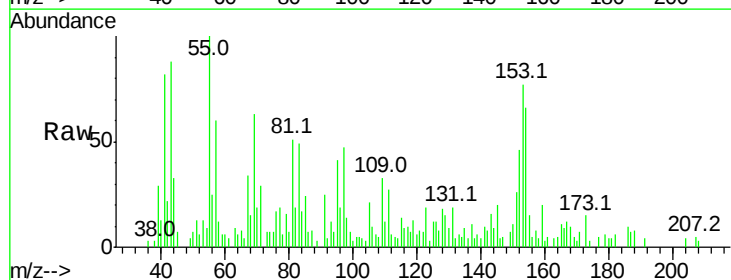
Instrument :
BNA_F
ClientSampleId :

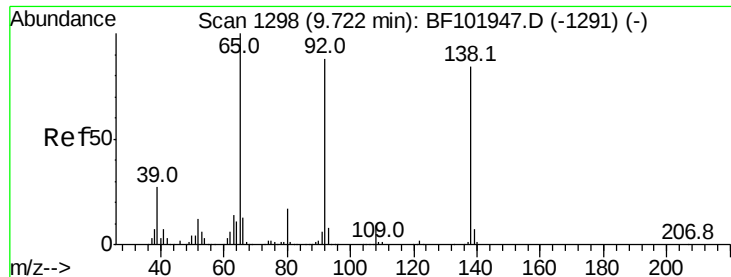
Tot Ion:165 Resp: 1675
Ion Ratio Lower Upper
165 100
63 112.5 44.7 67.1#
89 30.4 44.0 66.0#



#51
Acenaphthene
Concen: 0.257 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF101955.D
Acq: 9 Jan 2018 16:36

Tgt Ion:154 Resp: 6033
Ion Ratio Lower Upper
154 100
153 117.9 91.2 136.8
152 70.2 43.8 65.8#





#52

3-Nitroaniline

Concen: 0.088 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

Instrument :

BNA_F

ClientSampleId :

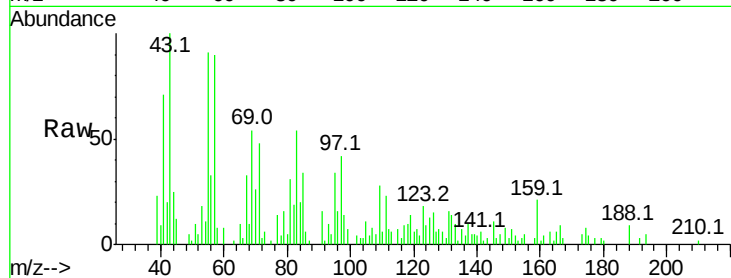
Tot Ion:138 Resp: 634

Ion Ratio Lower Upper

138 100

108 101.2 9.4 14.0#

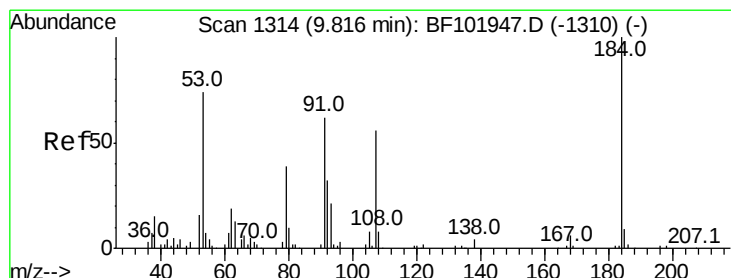
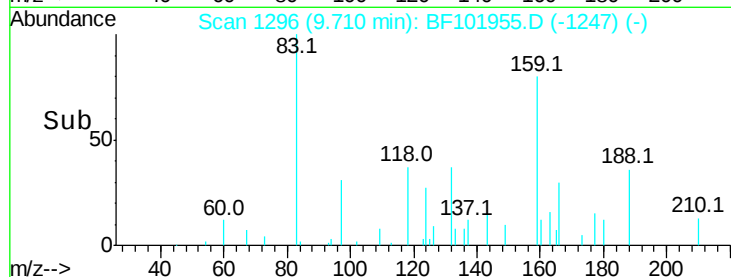
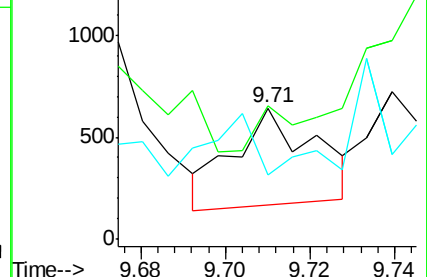
92 48.7 89.4 134.2#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#53

2,4-Dinitrophenol

Concen: 8.726 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

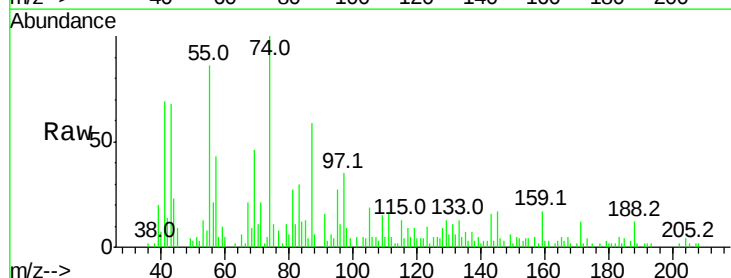
Tgt Ion:184 Resp: 166

Ion Ratio Lower Upper

184 100

63 94.5 54.2 81.2#

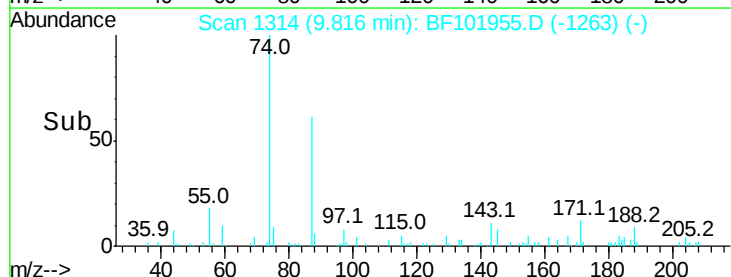
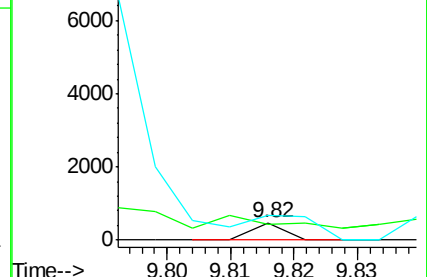
154 140.5 184.0 276.0#

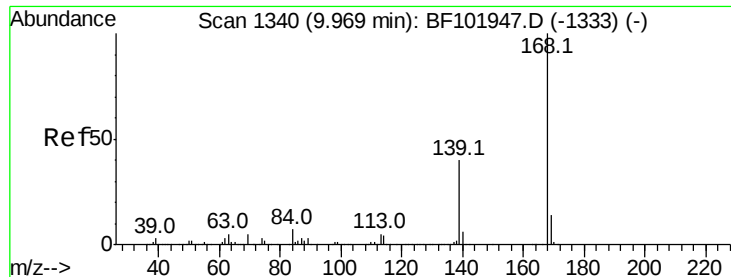


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

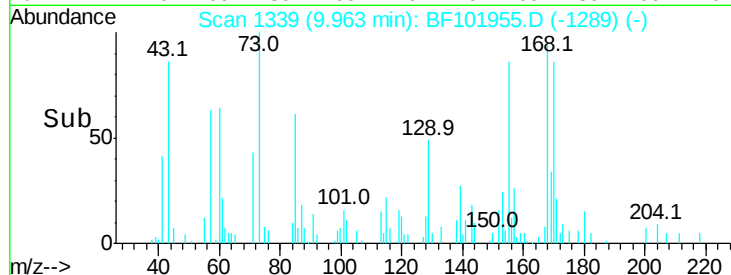
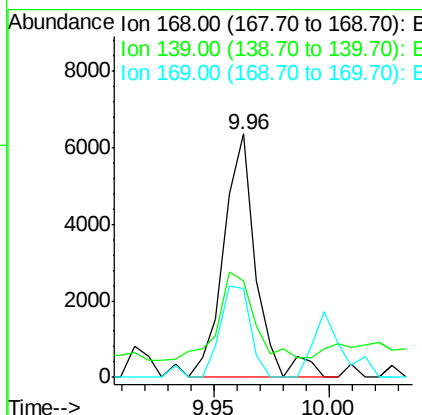
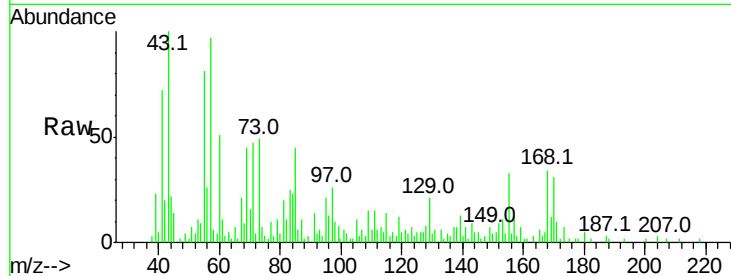




#54
Dibenzofuran
Concen: 0.192 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF101955.D
Acq: 9 Jan 2018 16:36

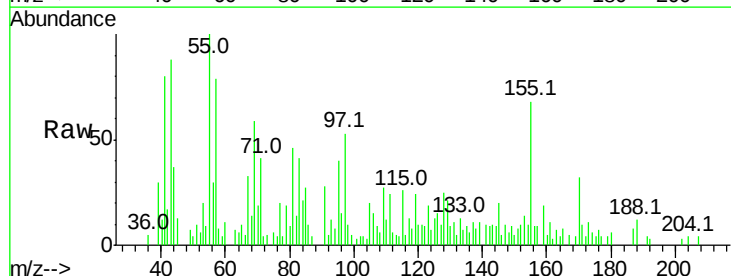
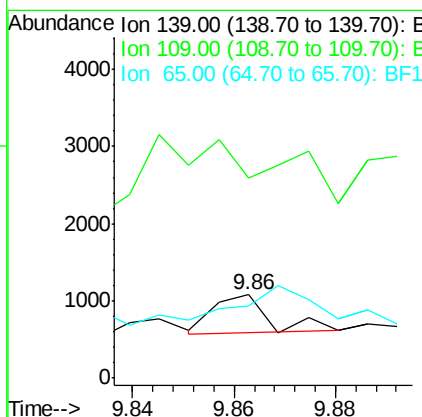
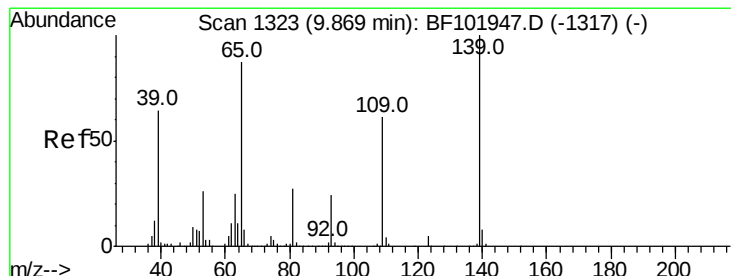
Instrument :
BNA_F
ClientSampled :

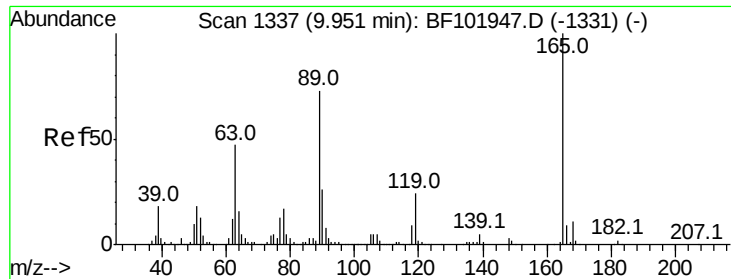
Tot Ion:168 Resp: 6175
Ion Ratio Lower Upper
168 100
139 39.7 30.1 45.1
169 36.6 10.9 16.3#



#55
4-Nitrophenol
Concen: 0.071 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101955.D
Acq: 9 Jan 2018 16:36

Tgt Ion:139 Resp: 380
Ion Ratio Lower Upper
139 100
109 240.3 48.4 88.4#
65 86.8 72.6 112.6

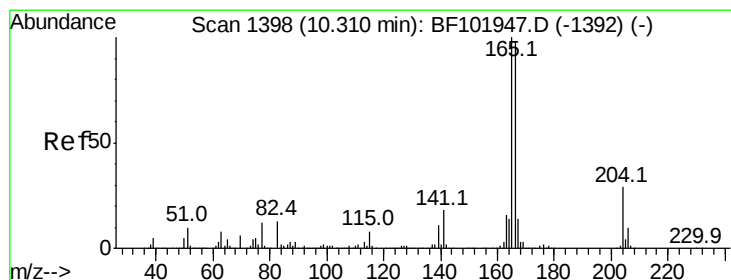
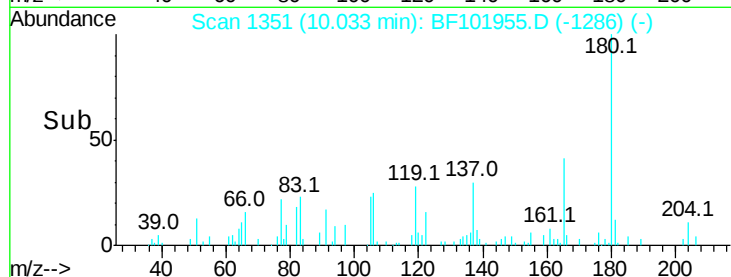
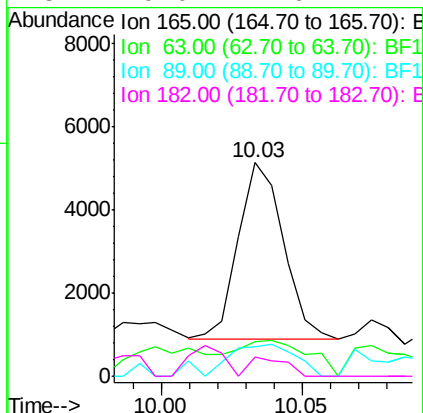
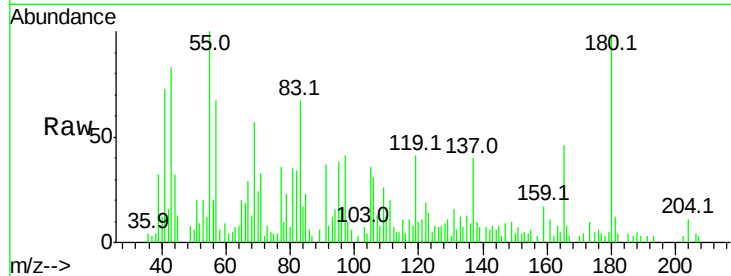




#56
 2,4-Dinitrotoluene
 Concen: 0.668 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. 0.08 min
 Lab File: BF101955.D
 Acq: 9 Jan 2018 16:36

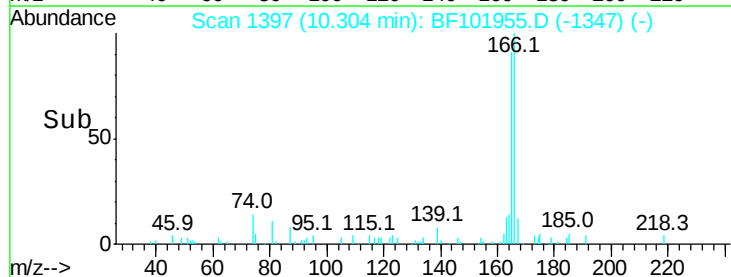
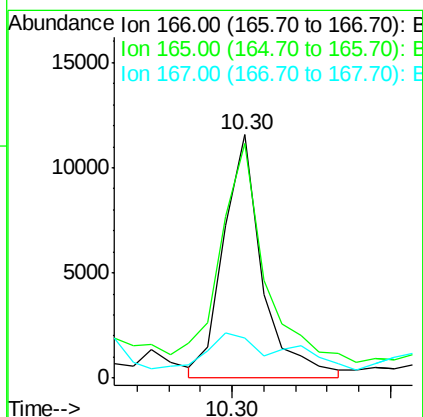
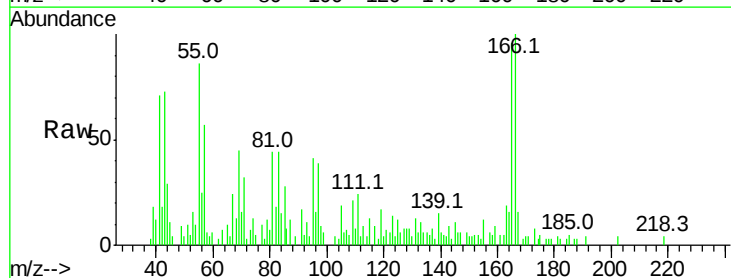
Instrument :
 BNA_F
 ClientSampleId :

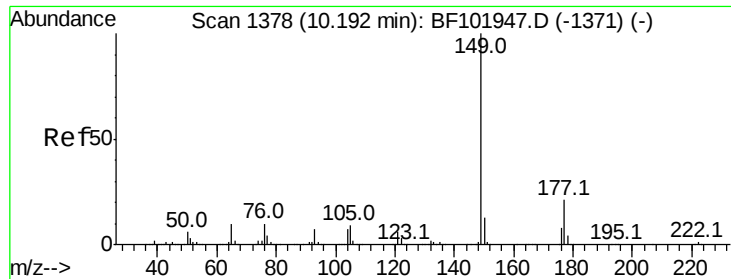
Tot Ion:165	Resp:	4759
Ion Ratio	Lower	Upper
165	100	
63	16.2	36.4 54.6#
89	13.8	57.8 86.6#
182	9.0	1.6 2.4#



#57
 Fluorene
 Concen: 0.439 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF101955.D
 Acq: 9 Jan 2018 16:36

Tgt Ion:166	Resp:	9765
Ion Ratio	Lower	Upper
166	100	
165	96.3	79.8 119.8
167	16.3	10.6 16.0#

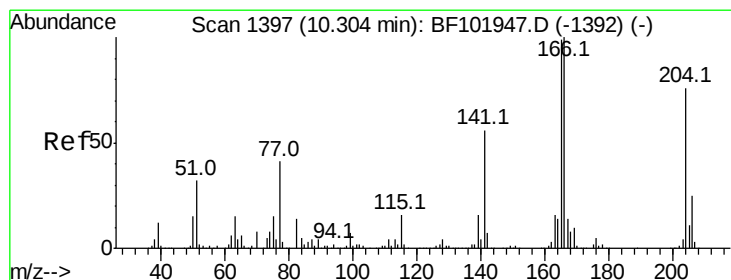
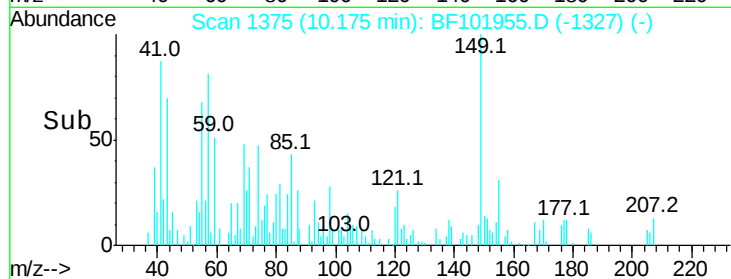
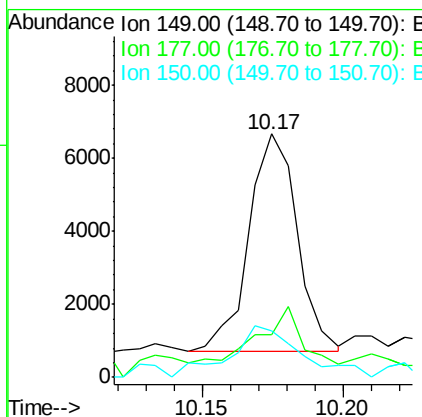
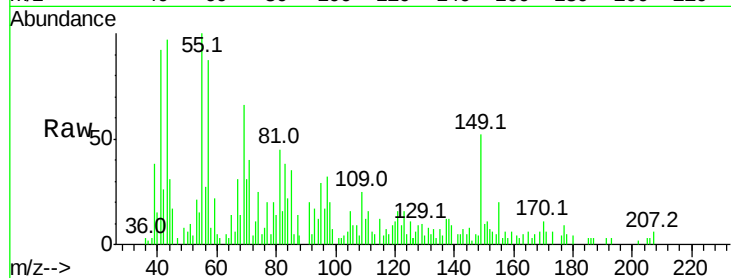




#59
Diethylphthalate
Concen: 0.250 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BF101955.D
Acq: 9 Jan 2018 16:36

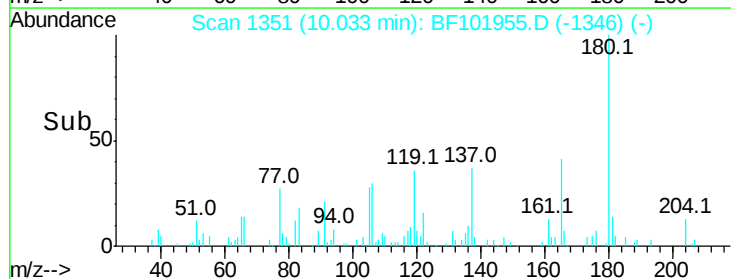
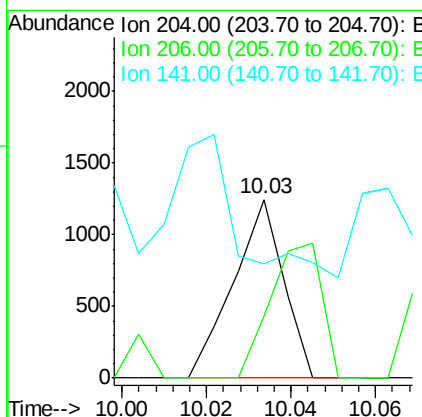
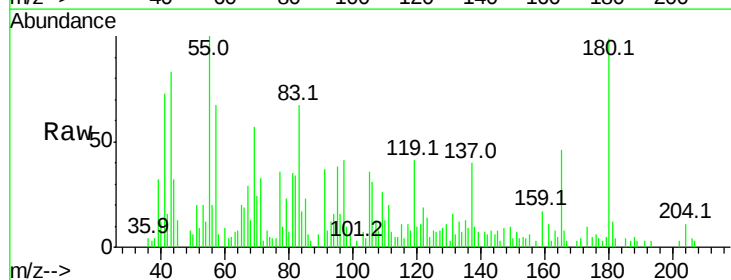
Instrument :
BNA_F
ClientSampleId :

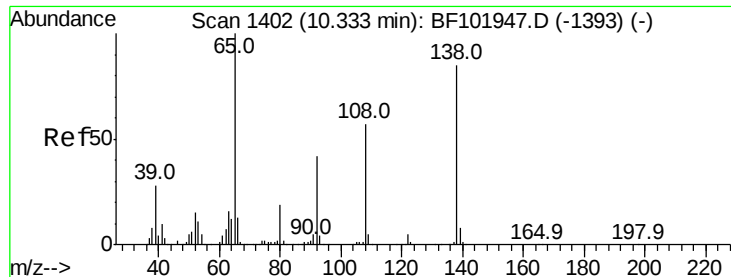
Tot Ion:149 Resp: 7088
Ion Ratio Lower Upper
149 100
177 17.3 16.1 24.1
150 19.1 10.1 15.1#



#60
4-Chlorophenyl-phenylether
Concen: 0.109 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.27 min
Lab File: BF101955.D
Acq: 9 Jan 2018 16:36

Tgt Ion:204 Resp: 1029
Ion Ratio Lower Upper
204 100
206 34.3 26.5 39.7
141 63.8 54.6 81.8





#61

4-Nitroaniline

Concen: 0.044 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.11 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

Instrument :

BNA_F

ClientSampled :

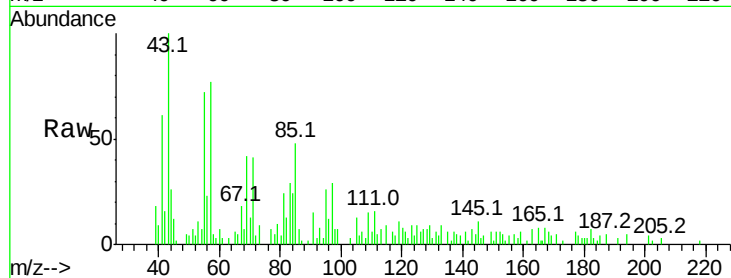
Tot Ion:138 Resp: 298

Ion Ratio Lower Upper

138 100

92 57.6 30.2 70.2

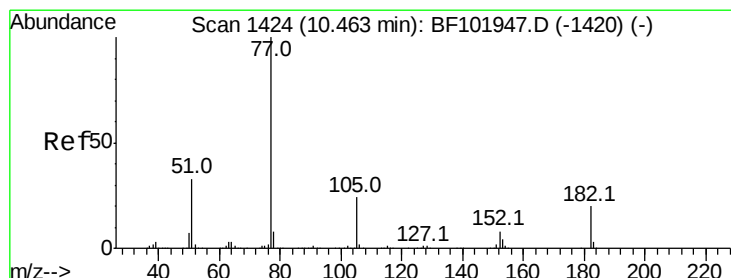
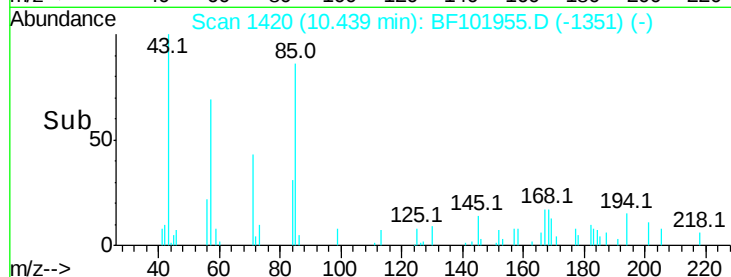
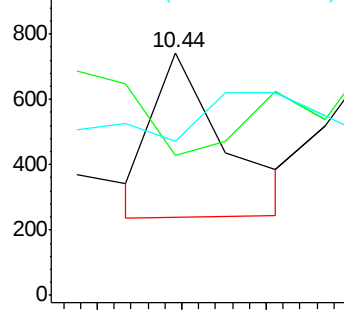
108 63.4 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 1.190 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

Tgt Ion: 77 Resp: 33521

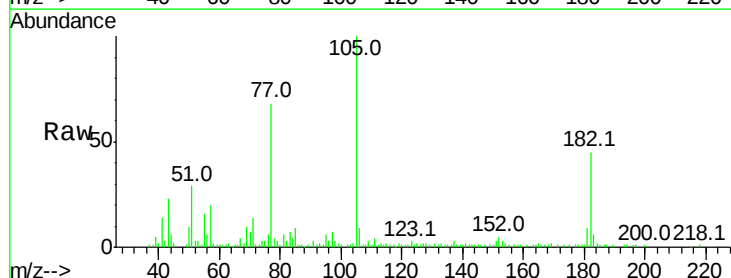
Ion Ratio Lower Upper

77 100

182 65.9 1.7 41.7#

105 146.3 3.0 43.0#

51 43.0 9.9 49.9

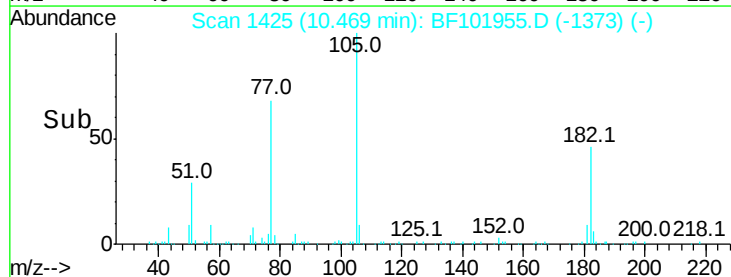
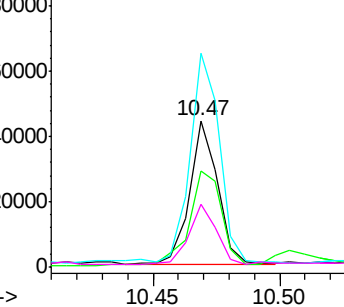


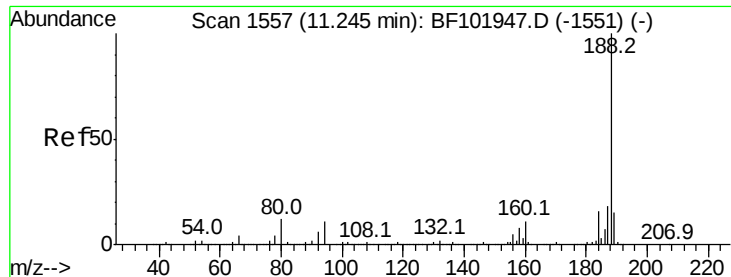
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

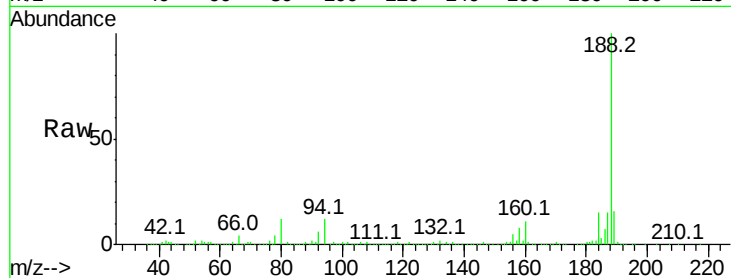




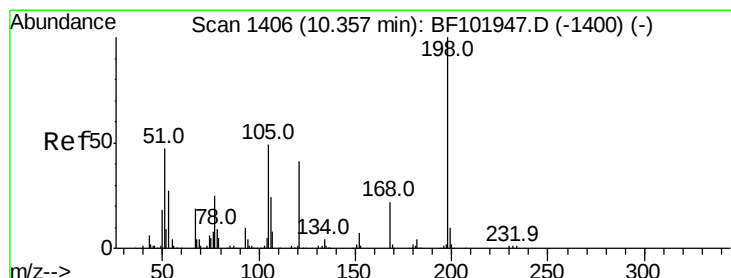
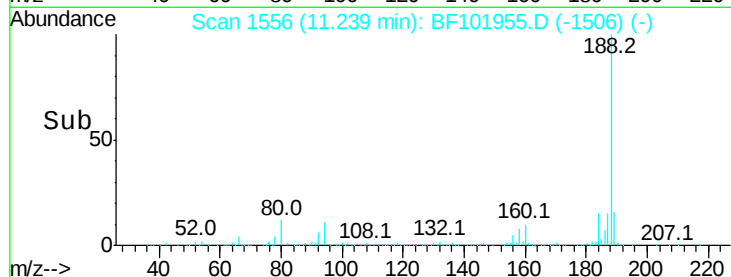
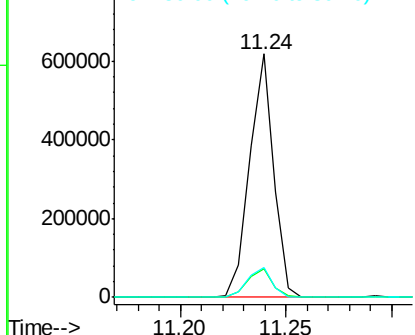
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF101955.D
Acq: 9 Jan 2018 16:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 489708
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 12.4 9.2 13.8

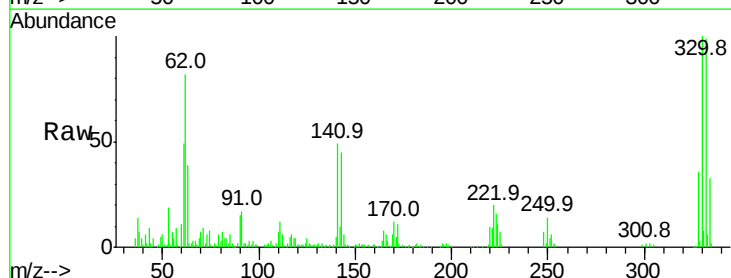


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

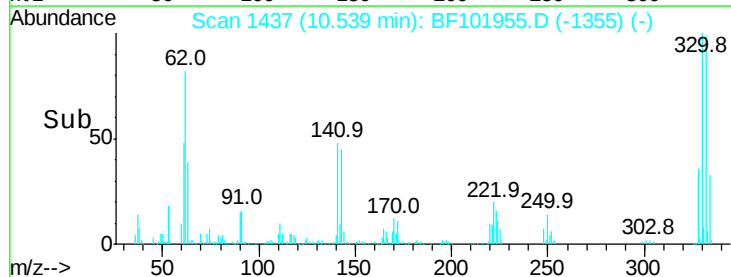
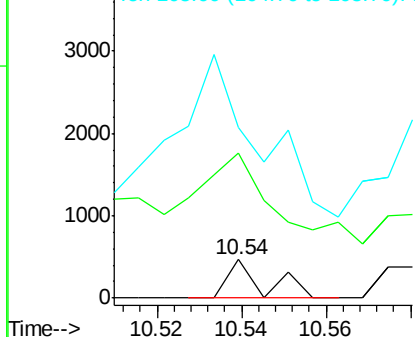


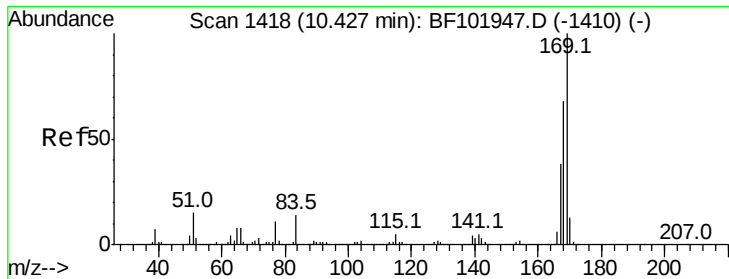
#64
4,6-Dinitro-2-methylphenol
Concen: 5.753 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF101955.D
Acq: 9 Jan 2018 16:36

Tgt Ion:198 Resp: 273
Ion Ratio Lower Upper
198 100
51 379.1 37.7 77.7#
105 446.6 36.3 76.3#



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

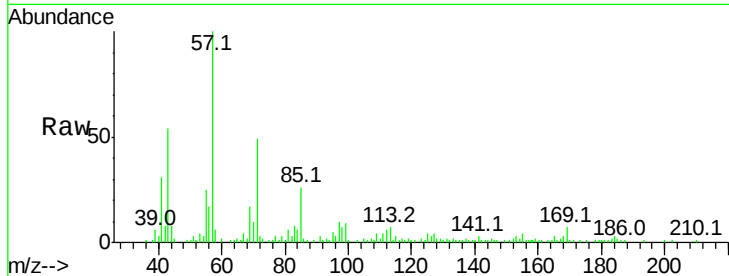




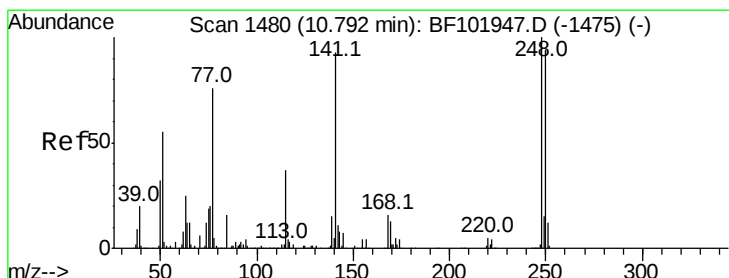
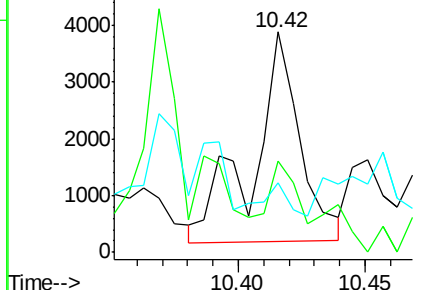
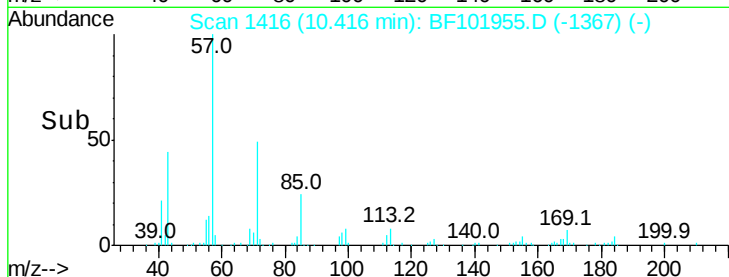
#65
 n-Nitrosodiphenylamine
 Concen: 0.264 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF101955.D
 Acq: 9 Jan 2018 16:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 4845
 Ion Ratio Lower Upper
 169 100
 168 41.4 54.4 81.6#
 167 31.8 29.8 44.6

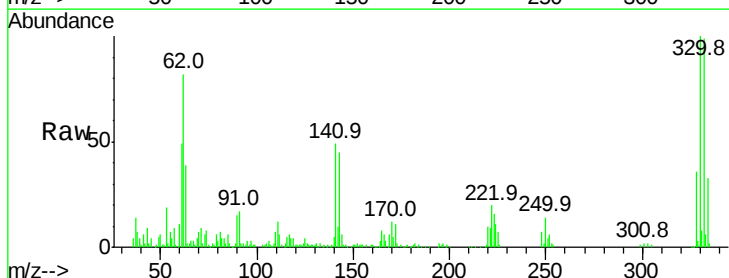


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

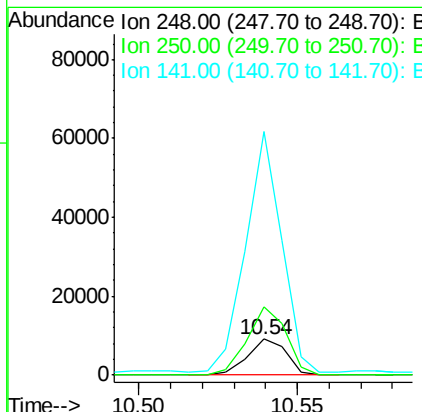
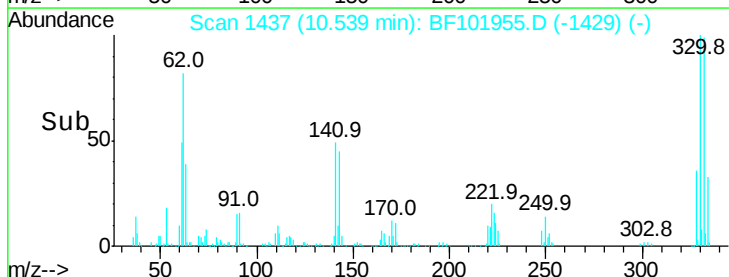


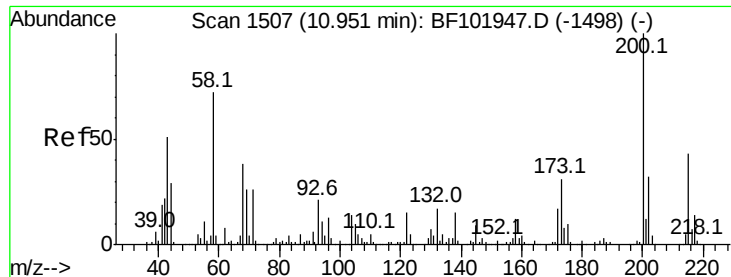
#66
 4-Bromophenyl-phenylether
 Concen: 1.482 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF101955.D
 Acq: 9 Jan 2018 16:36

Tgt Ion:248 Resp: 7662
 Ion Ratio Lower Upper
 248 100
 250 190.0 76.9 115.3#
 141 681.0 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

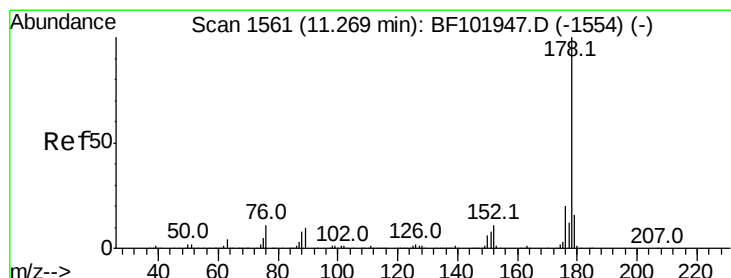
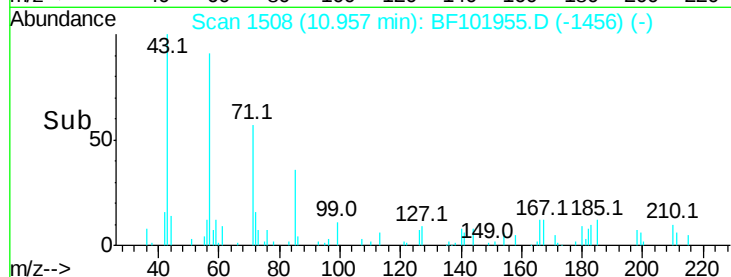
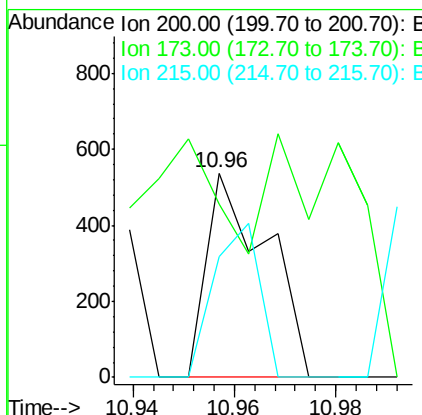
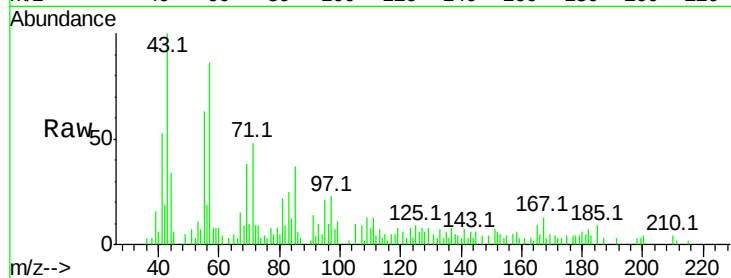




#68
 Atrazine
 Concen: 0.083 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.01 min
 Lab File: BF101955.D
 Acq: 9 Jan 2018 16:36

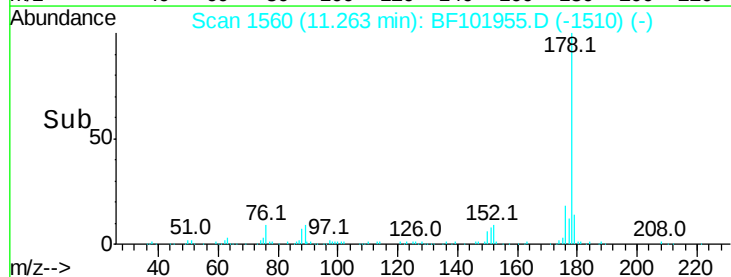
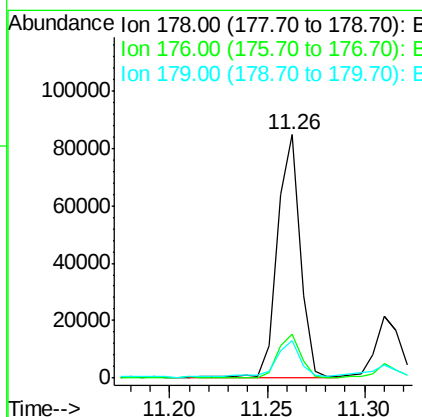
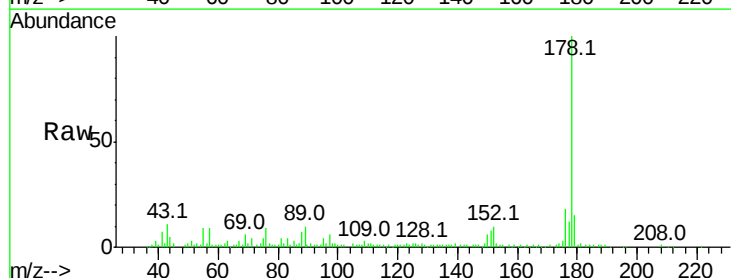
Instrument :
 BNA_F
 ClientSampleId :

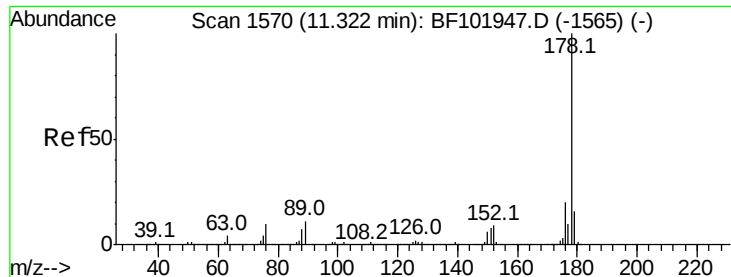
Tot Ion:200 Resp: 440
 Ion Ratio Lower Upper
 200 100
 173 84.9 8.6 48.6#
 215 59.4 25.1 65.1



#70
 Phenanthrene
 Concen: 2.417 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF101955.D
 Acq: 9 Jan 2018 16:36

Tgt Ion:178 Resp: 69137
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.8 23.8
 179 15.3 13.0 19.6

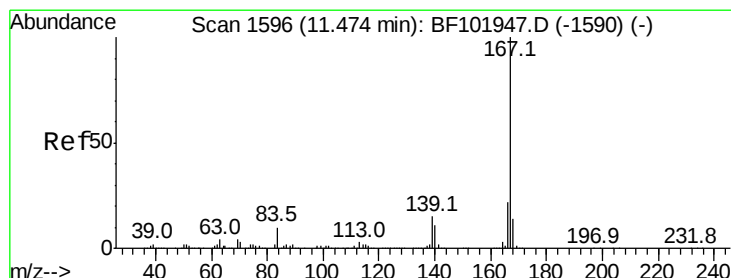
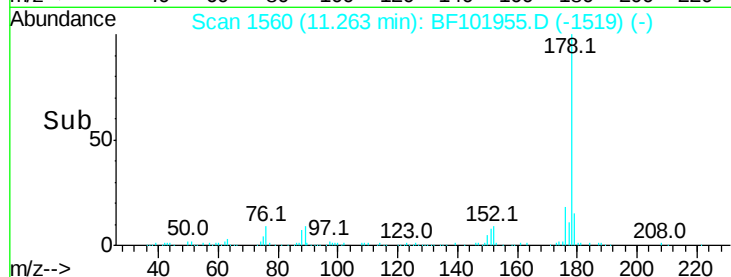
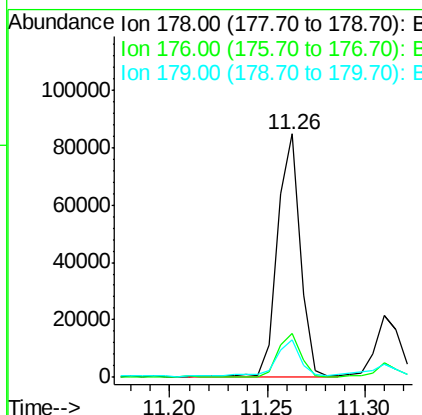
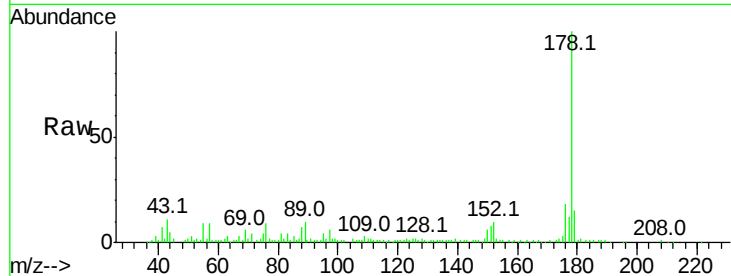




#71
 Anthracene
 Concen: 2.383 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.06 min
 Lab File: BF101955.D
 Acq: 9 Jan 2018 16:36

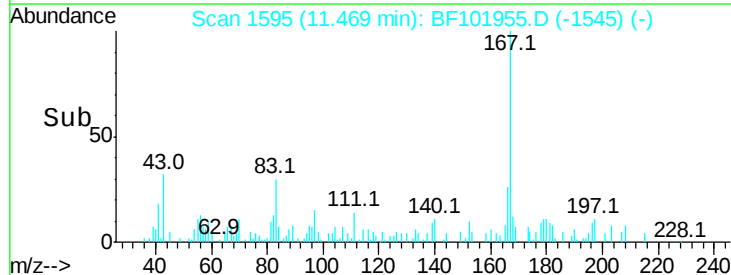
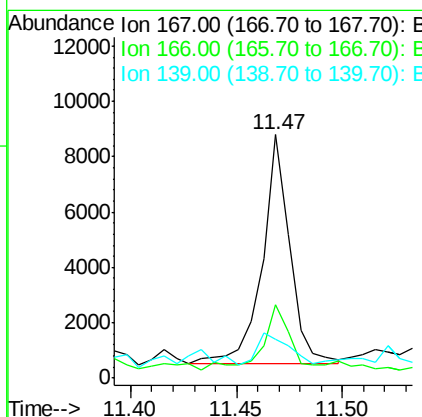
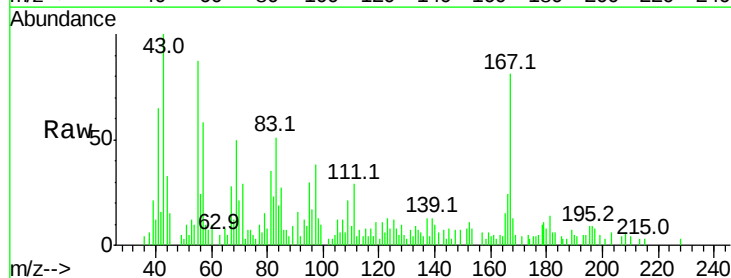
Instrument :
 BNA_F
 ClientSampled :

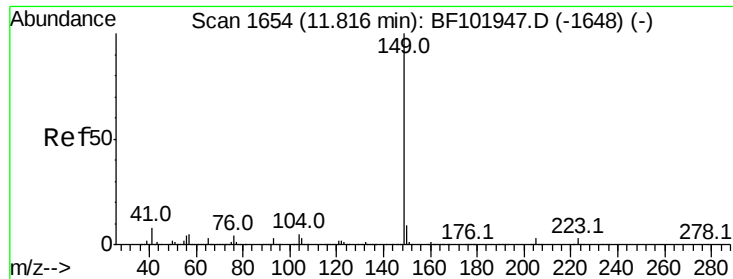
Tot Ion:178 Resp: 69137
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 0.266 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF101955.D
 Acq: 9 Jan 2018 16:36

Tgt Ion:167 Resp: 7573
 Ion Ratio Lower Upper
 167 100
 166 29.9 17.6 26.4#
 139 16.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 0.145 ng

RT: 11.82 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

Instrument :

BNA_F

ClientSampleId :

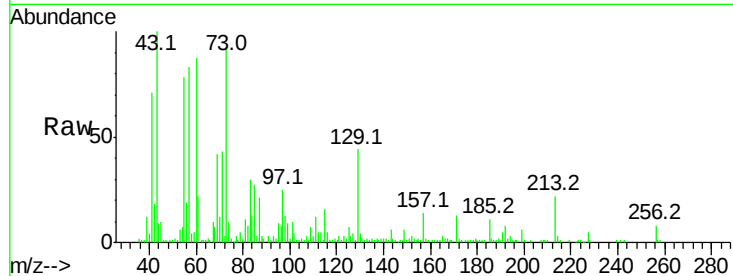
Tot Ion:149 Resp: 5064

Ion Ratio Lower Upper

149 100

150 17.1 7.8 11.6#

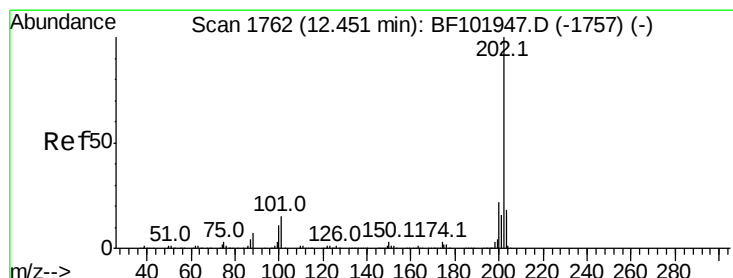
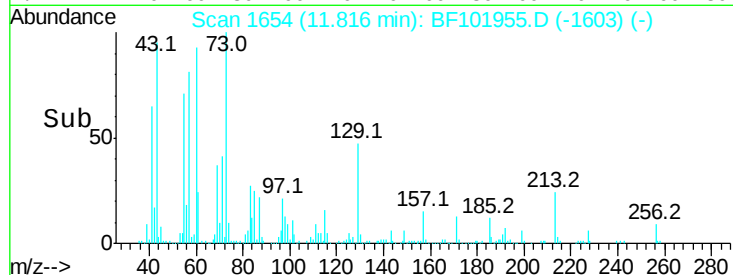
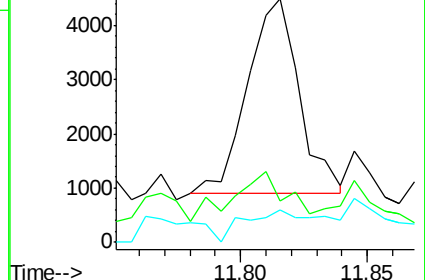
104 13.2 3.8 5.8#



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: 3.248 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.24 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

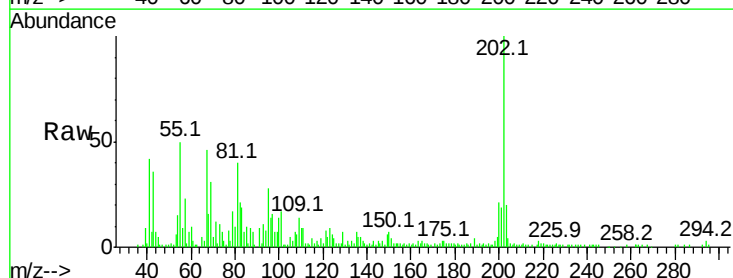
Tgt Ion:202 Resp: 91422

Ion Ratio Lower Upper

202 100

101 17.3 0.0 34.1

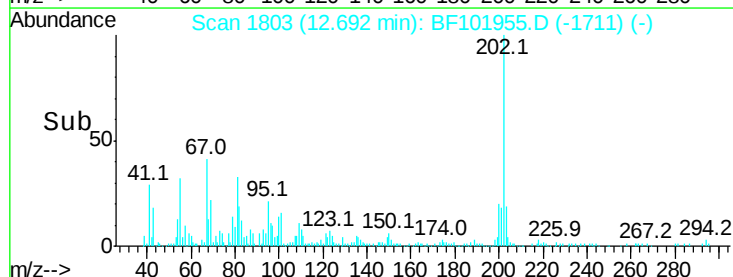
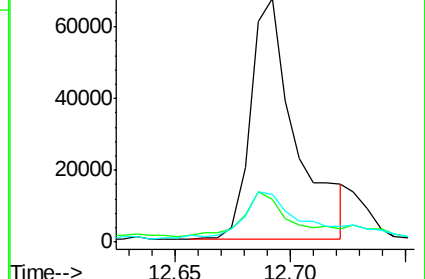
203 19.7 0.0 38.1

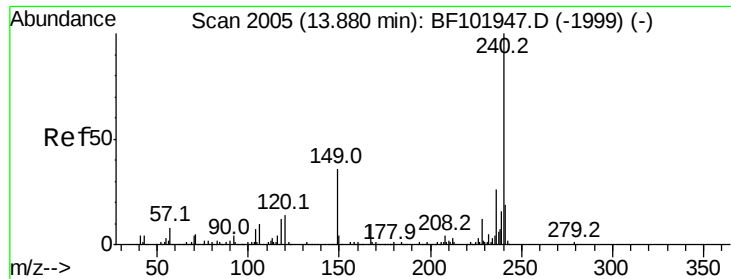


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

Instrument :

BNA_F

ClientSampleId :

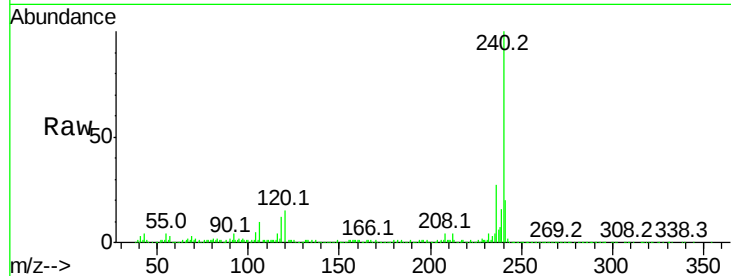
Tot Ion:240 Resp: 467950

Ion Ratio Lower Upper

240 100

120 14.5 9.5 14.3#

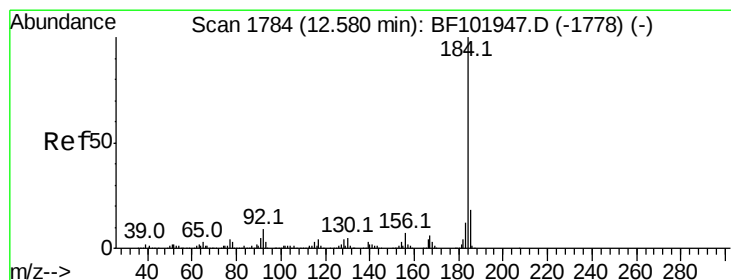
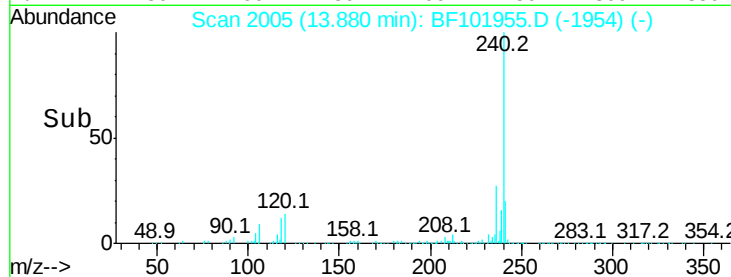
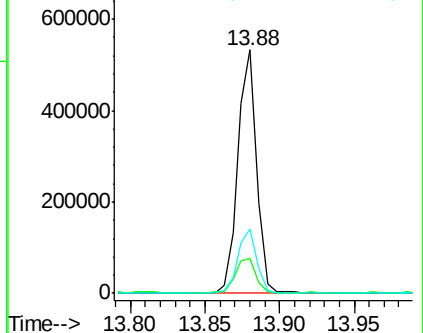
236 26.7 20.7 31.1



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: 0.019 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

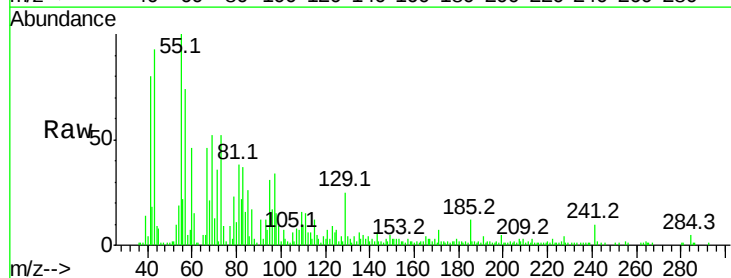
Tgt Ion:184 Resp: 437

Ion Ratio Lower Upper

184 100

185 924.4 12.6 18.8#

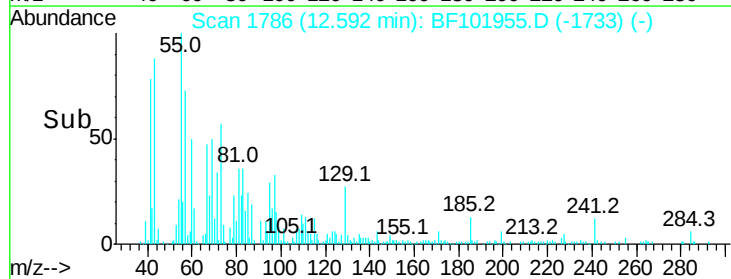
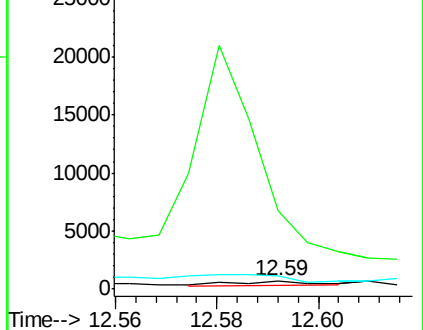
183 149.0 9.3 13.9#

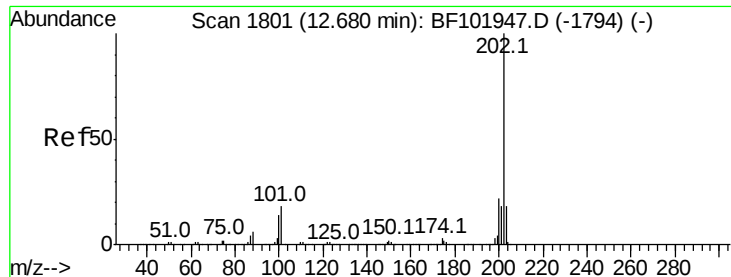


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 2.428 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

Instrument :

BNA_F

ClientSampleId :

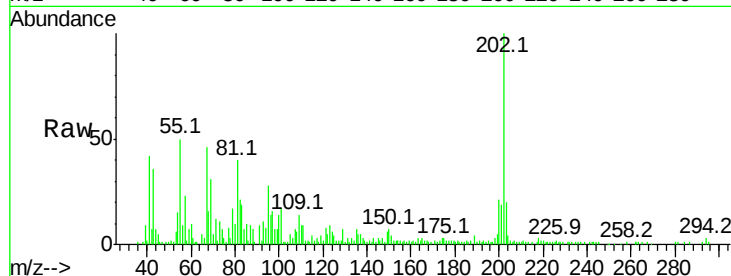
Tot Ion:202 Resp: 100421

Ion Ratio Lower Upper

202 100

200 20.9 17.4 26.2

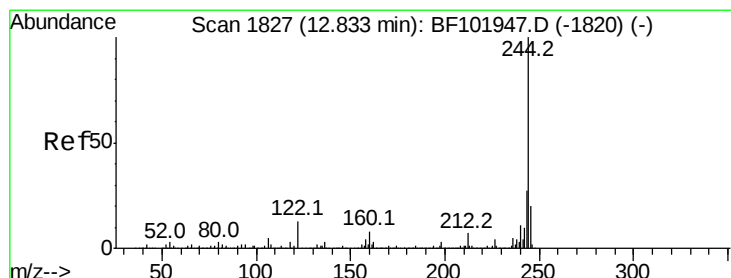
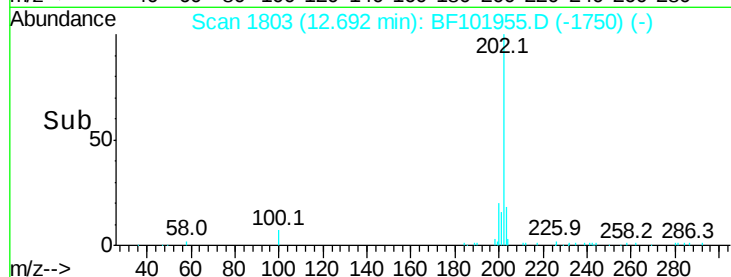
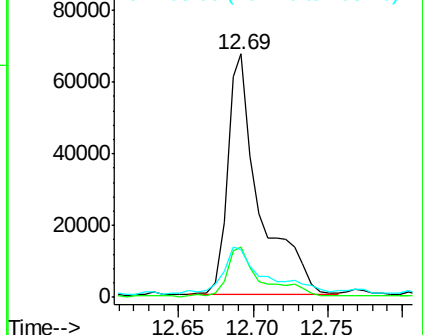
203 19.7 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 21.481 ng

RT: 12.85 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

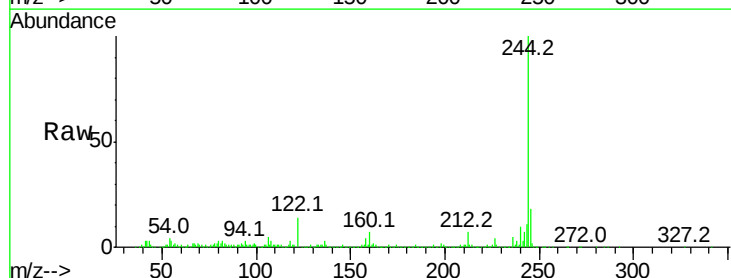
Tgt Ion:244 Resp: 484134

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

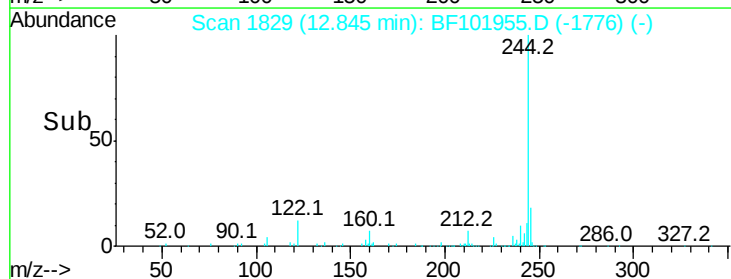
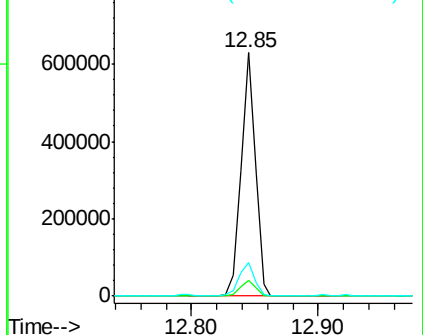
122 14.1 11.0 16.4

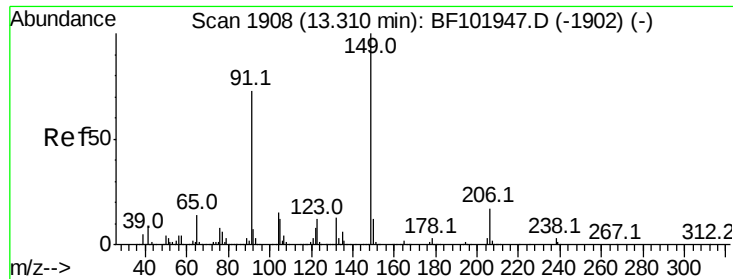


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

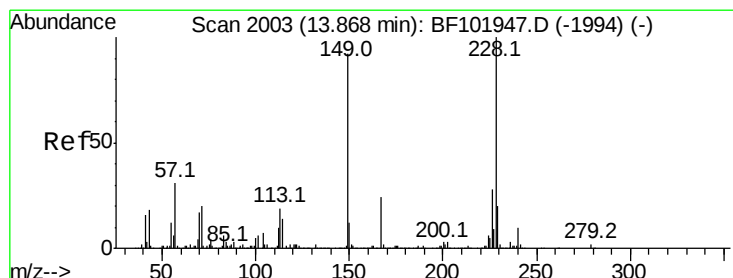
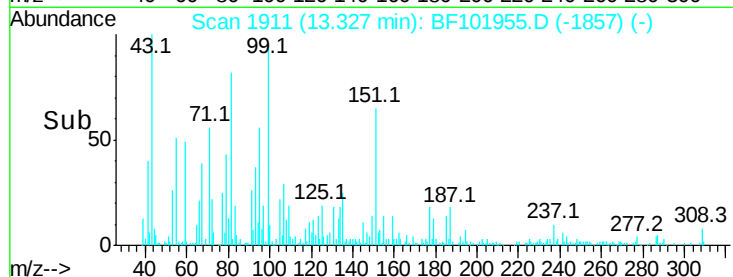
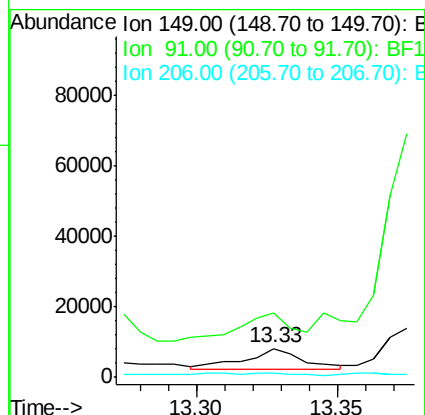
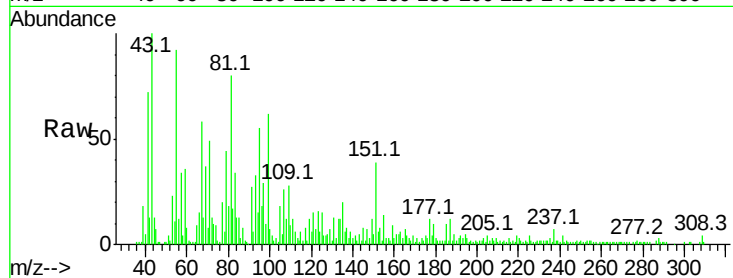




#79
 Butylbenzylphthalate
 Concen: 0.426 ng
 RT: 13.33 min Scan# 1911
 Delta R.T. 0.02 min
 Lab File: BF101955.D
 Acq: 9 Jan 2018 16:36

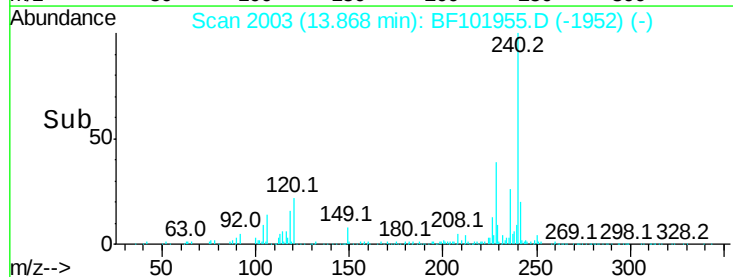
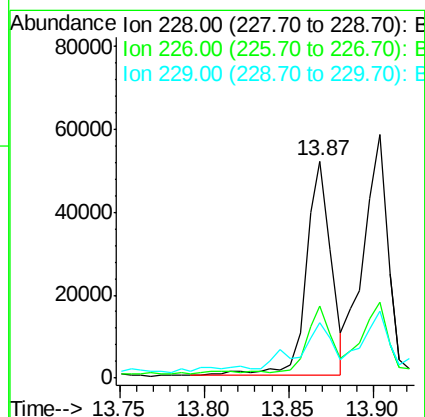
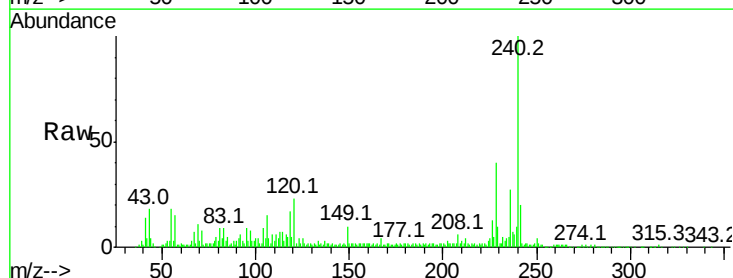
Instrument :
 BNA_F
 ClientSampled :

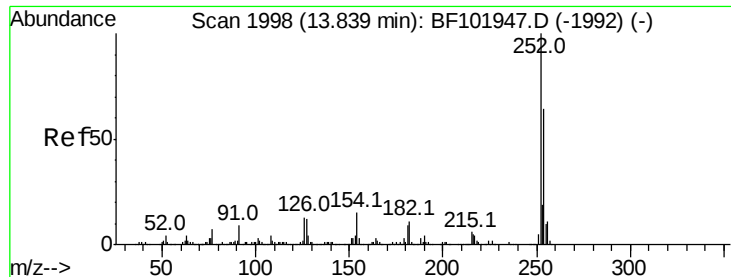
Tot Ion:149 Resp: 8093
 Ion Ratio Lower Upper
 149 100
 91 223.6 56.8 85.2#
 206 13.3 14.1 21.1#



#80
 Benzo(a)anthracene
 Concen: 1.812 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BF101955.D
 Acq: 9 Jan 2018 16:36

Tgt Ion:228 Resp: 54112
 Ion Ratio Lower Upper
 228 100
 226 33.5 22.6 33.8
 229 25.6 15.8 23.6#





#81

3,3'-Dichlorobenzidine

Concen: 0.108 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.03 min

Lab File: BF101955.D

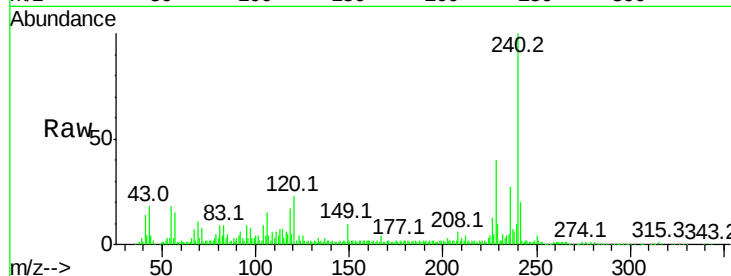
Acq: 9 Jan 2018 16:36

Instrument :

BNA_F

ClientSampled :

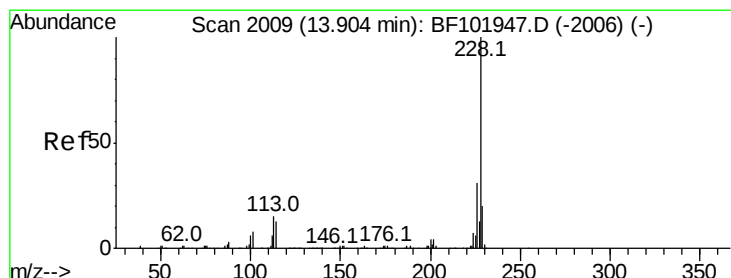
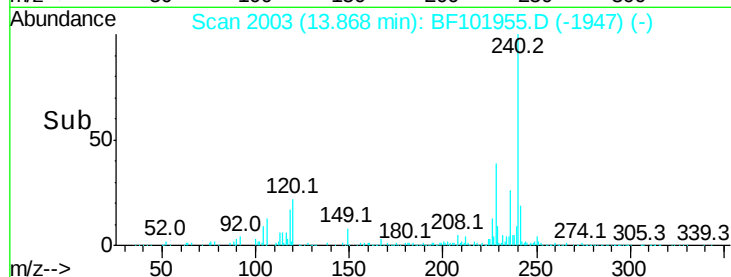
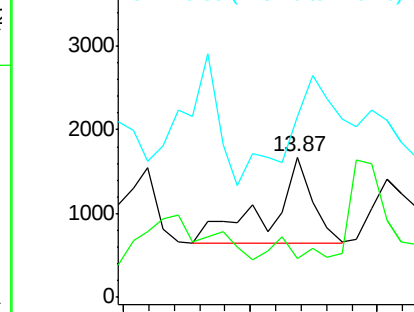
Tot Ion:	252	Resp:	1191
Ion	Ratio	Lower	Upper
252	100		
254	27.9	50.4	75.6#
126	128.9	11.3	16.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 1.921 ng

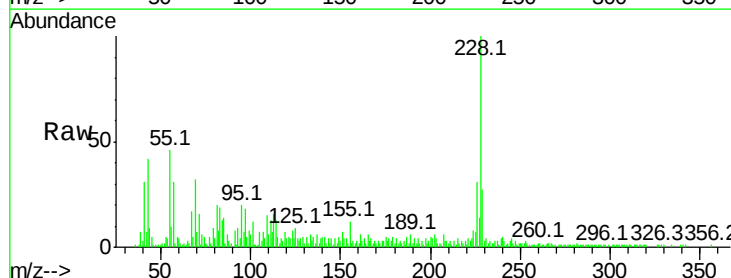
RT: 13.90 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

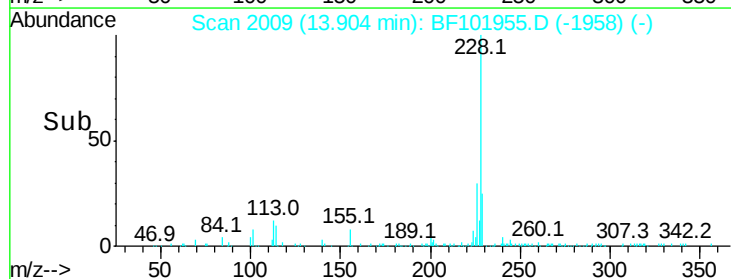
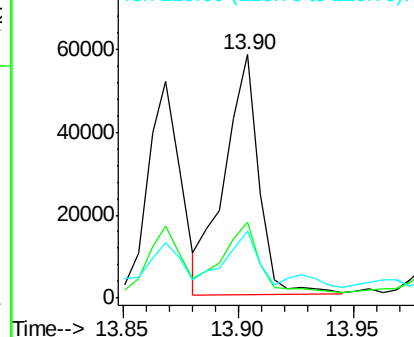
Tgt Ion:	228	Resp:	59802
Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	27.4	16.2	24.4#

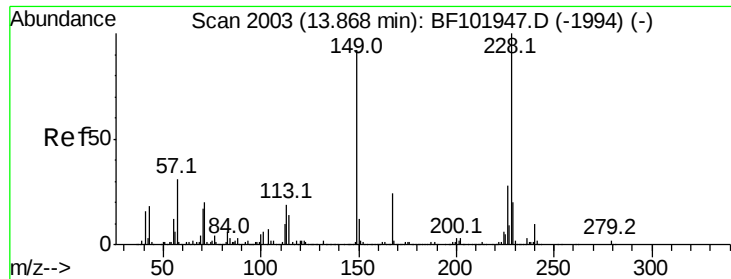


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.500 ng

RT: 13.59 min Scan# 1956

Delta R.T. -0.28 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

Instrument :

BNA_F

ClientSampleId :

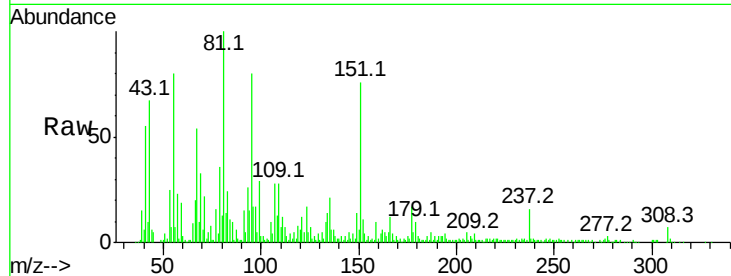
Tot Ion:149 Resp: 10892

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

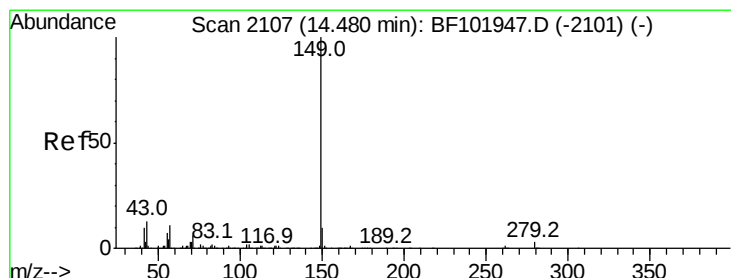
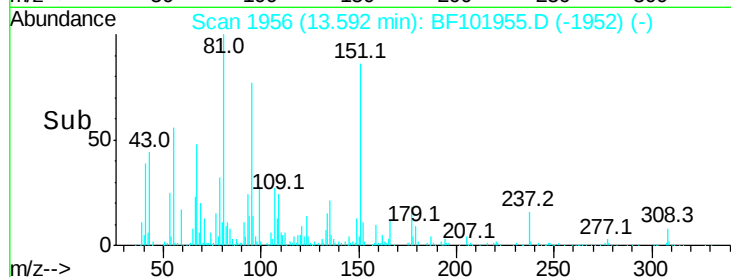
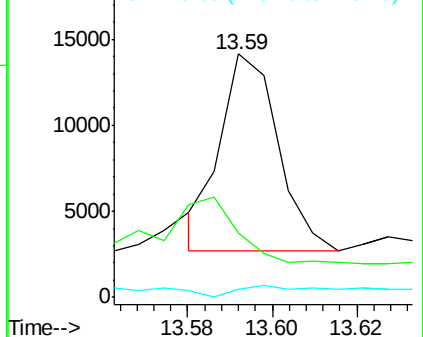
279 3.4 3.0 4.4



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: 0.071 ng

RT: 14.48 min Scan# 2107

Delta R.T. 0.00 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

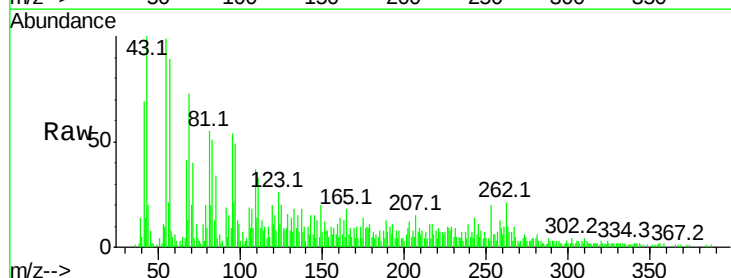
Tgt Ion:149 Resp: 2582

Ion Ratio Lower Upper

149 100

167 9.6 1.2 1.8#

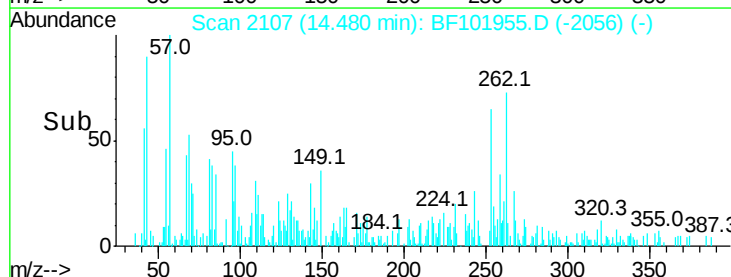
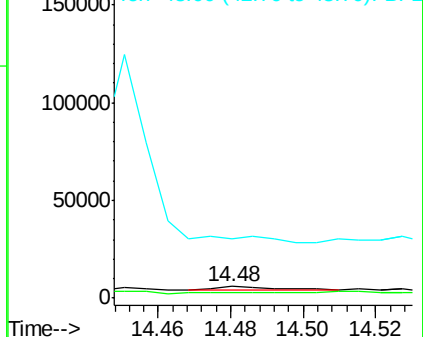
43 0.0 8.4 12.6#

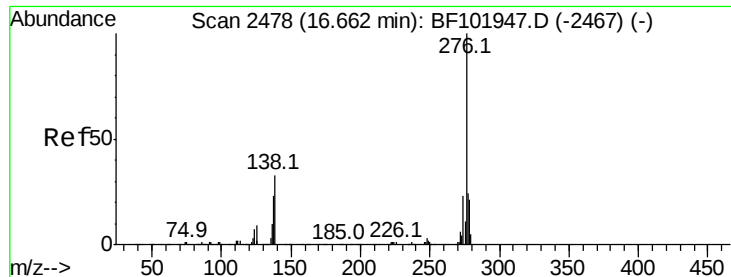


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 1.080 ng

RT: 16.66 min Scan# 2478

Delta R.T. 0.00 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

Instrument :

BNA_F

ClientSampleId :

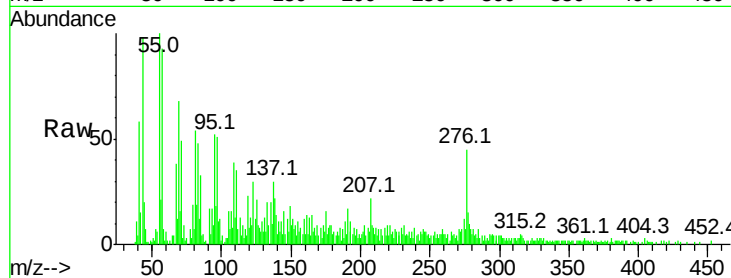
Tot Ion:276 Resp: 24477

Ion Ratio Lower Upper

276 100

138 40.6 25.0 37.6#

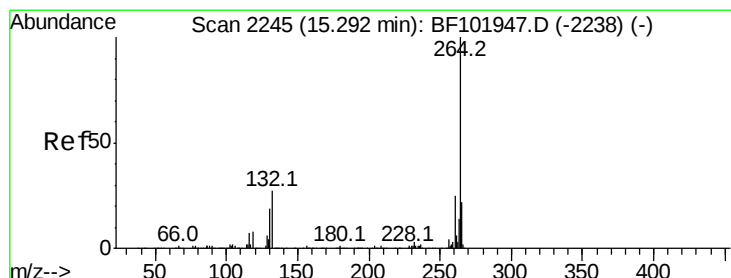
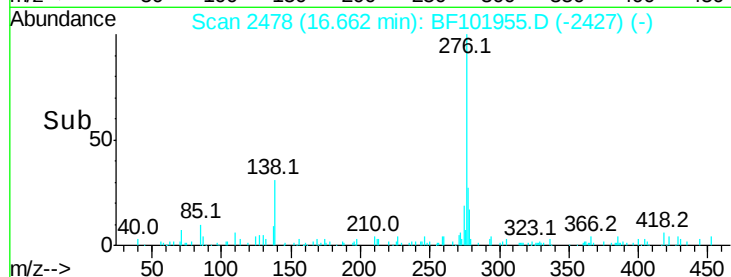
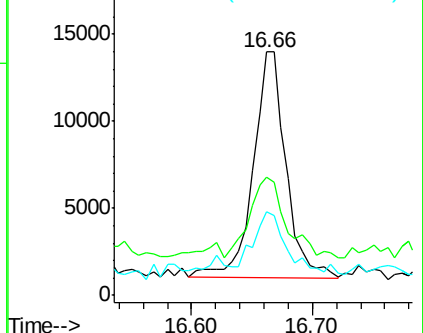
277 29.2 20.1 30.1



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: 15.30 min Scan# 2246

Delta R.T. 0.01 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

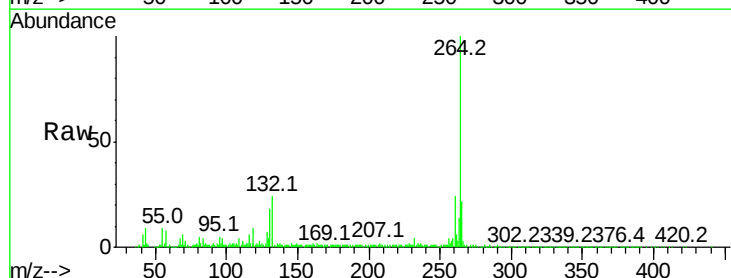
Tgt Ion:264 Resp: 424098

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

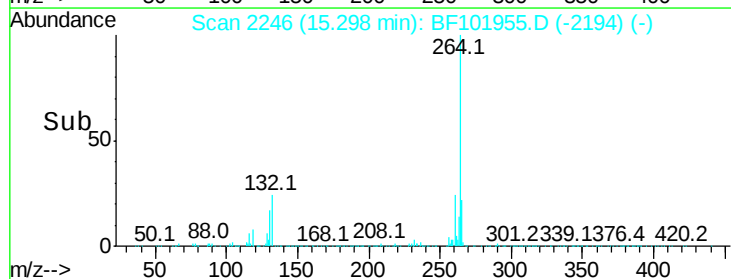
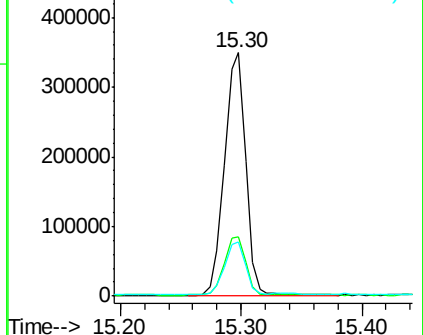
265 22.4 17.5 26.3

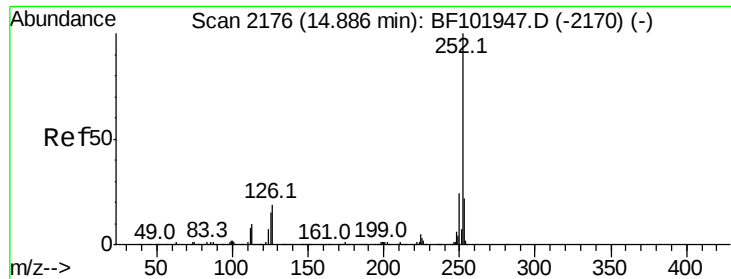


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 3.307 ng

RT: 14.89 min Scan# 2176

Delta R.T. 0.00 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

Instrument :

BNA_F

ClientSampleId :

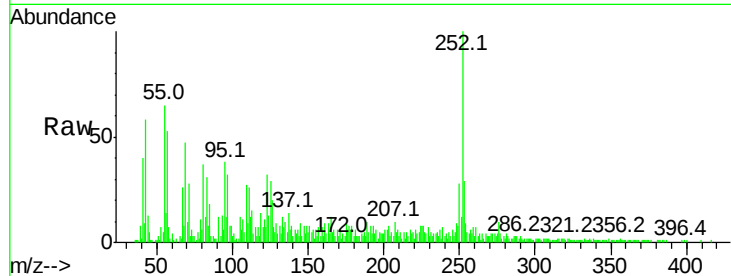
Tot Ion:252 Resp: 91435

Ion Ratio Lower Upper

252 100

253 29.4 17.0 25.6#

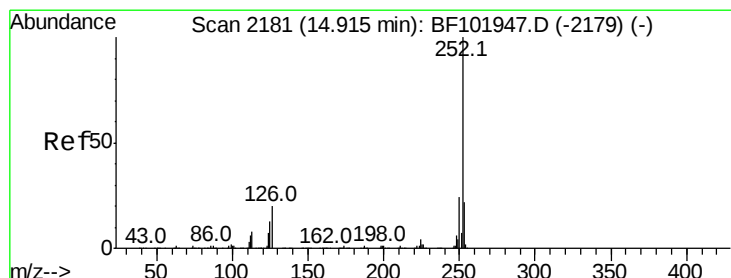
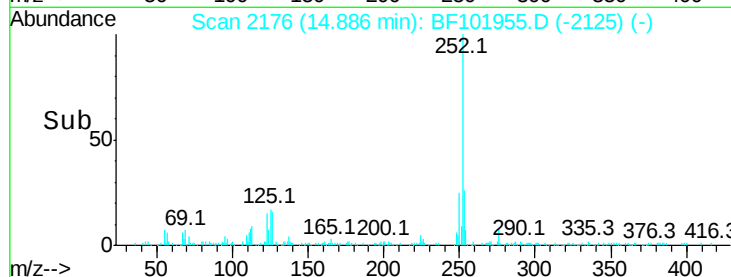
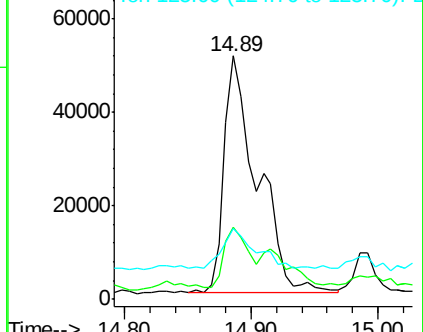
125 29.1 9.0 13.6#



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: 3.428 ng

RT: 14.89 min Scan# 2176

Delta R.T. -0.03 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

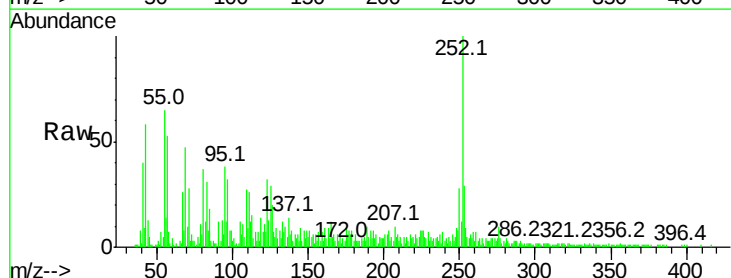
Tgt Ion:252 Resp: 91435

Ion Ratio Lower Upper

252 100

253 29.4 17.9 26.9#

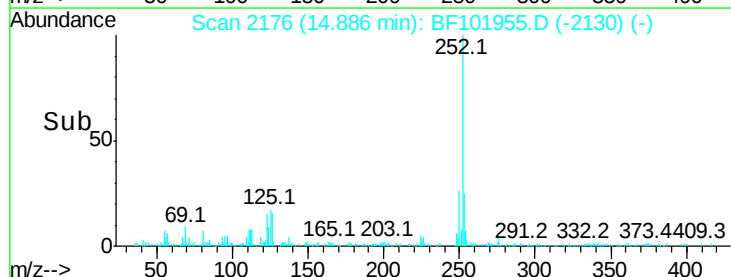
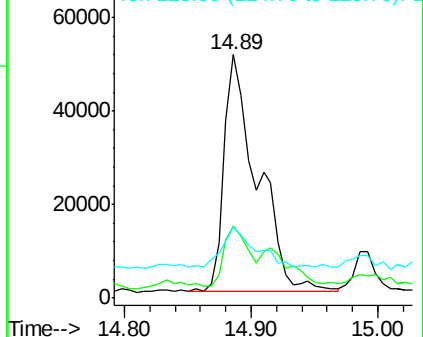
125 29.1 10.2 15.2#

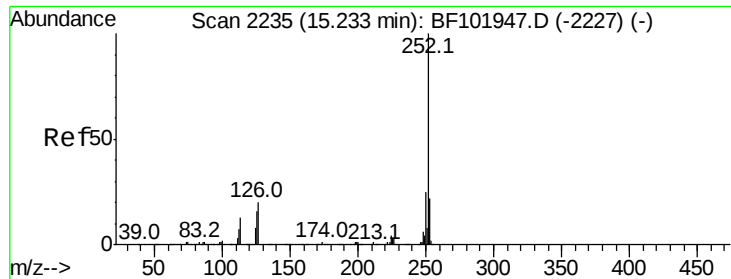


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 1.805 ng

RT: 15.23 min Scan# 2235

Delta R.T. 0.00 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

Instrument :

BNA_F

ClientSampled :

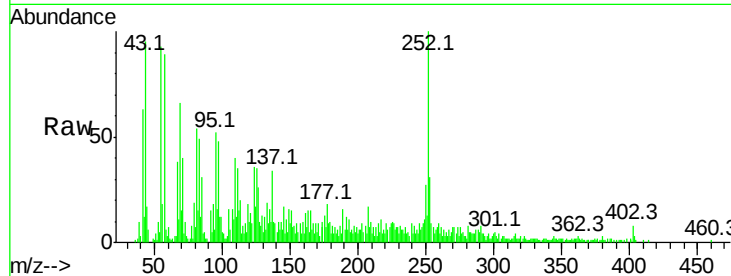
Tot Ion:252 Resp: 44921

Ion Ratio Lower Upper

252 100

253 30.7 17.1 25.7#

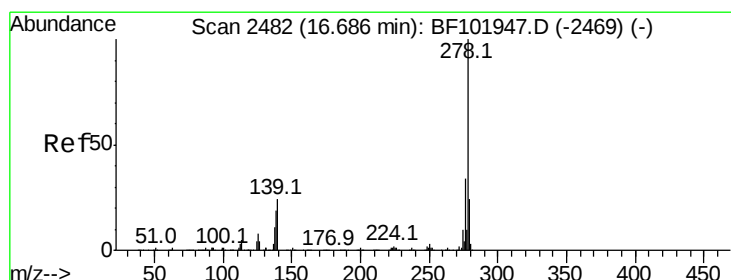
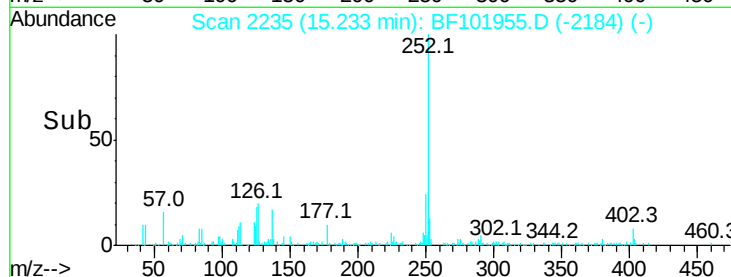
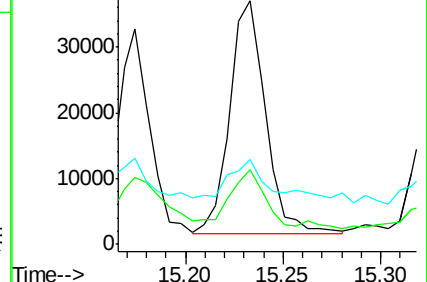
125 35.0 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 0.389 ng

RT: 16.68 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BF101955.D

Acq: 9 Jan 2018 16:36

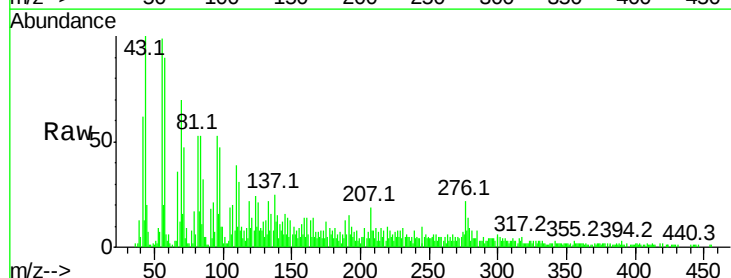
Tgt Ion:278 Resp: 7716

Ion Ratio Lower Upper

278 100

139 101.5 15.9 23.9#

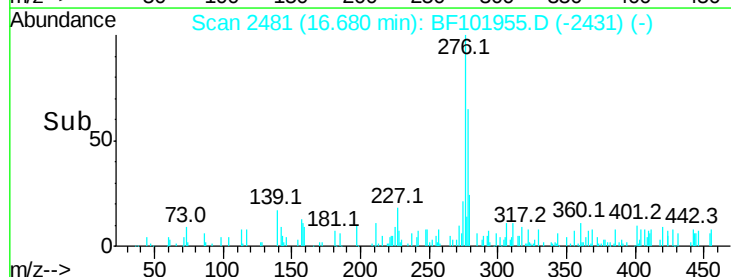
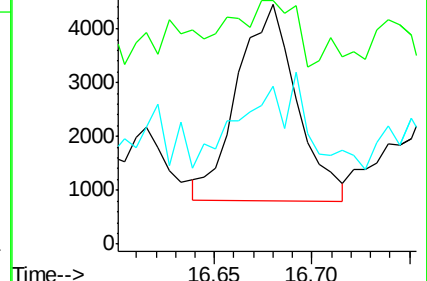
279 65.7 19.0 28.4#

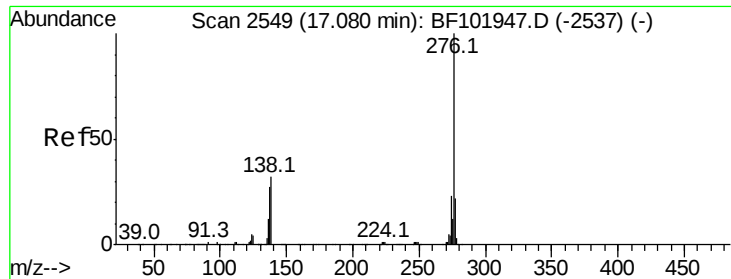


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

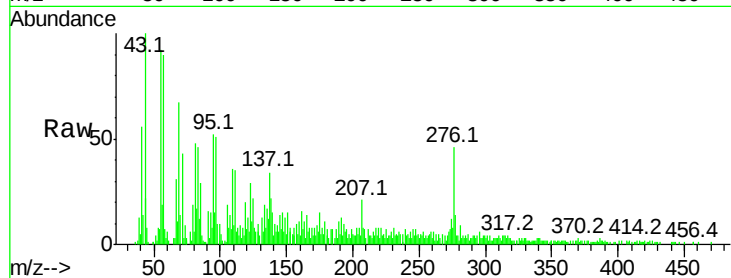




#91
 Benzo(a,h,i)perylene
 Concen: 1.387 ng
 RT: 17.08 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: BF101955.D
 Acq: 9 Jan 2018 16:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	30.6	17.9	26.9
138	47.6	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

