

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
 Data File : BF101963.D
 Acq On : 9 Jan 2018 20:11
 Operator : SJ/JU
 Sample : J1043-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 10 00:02:45 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	6.73	152	222709	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	805741	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	285192	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	419965	20.00	ng	0.00
75) Chrysene-d12	13.88	240	406892	20.00	ng	0.00
86) Perylene-d12	15.30	264	291066	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	1591114	100.88	ng	0.02
7) Phenol-d6	6.36	99	1838645	97.71	ng	0.01
23) Nitrobenzene-d5	7.29	82	1124776	82.03	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	220876	88.75	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1416172	77.58	ng	0.00
78) Terphenyl-d14	12.83	244	972656	49.63	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.40	88	628	0.080	ng	# 1
3) Pyridine	3.09	79	134	0.006	ng	# 1
4) n-Nitrosodimethylamine	3.03	42	1022	0.114	ng	# 1
6) Aniline	6.37	93	2186	0.082	ng	# 1
8) 2-Chlorophenol	6.51	128	844	0.053	ng	# 23
9) Benzaldehyde	6.27	77	4237	0.324	ng	91
10) Phenol	6.37	94	99566	4.682	ng	83
11) bis(2-Chloroethyl)ether	6.45	93	124	0.008	ng	# 19
12) 1,3-Dichlorobenzene	6.73	146	110	0.006	ng	# 1
13) 1,4-Dichlorobenzene	6.73	146	110	0.006	ng	# 1
14) 1,2-Dichlorobenzene	6.88	146	383	0.023	ng	# 1
15) Benzyl Alcohol	6.89	79	19862	1.443	ng	# 33
16) 2,2'-oxybis(1-Chloropropan	6.97	45	372	0.012	ng	70
17) 2-Methylphenol	6.89	107	266	0.019	ng	# 1
18) Hexachloroethane	7.30	117	278	0.043	ng	# 2
19) n-Nitroso-di-n-propylamine	7.29	70	149500	12.123	ng	# 84
20) 3+4-Methylphenols	7.13	107	1217	0.071	ng	# 77
22) Acetophenone	7.13	105	862	0.044	ng	# 40
24) Nitrobenzene	7.29	77	4076	0.277	ng	# 35
25) Isophorone	7.29	82	1121756	41.404	ng	# 64
27) 2,4-Dimethylphenol	7.70	122	2830	0.246	ng	# 4
28) bis(2-Chloroethoxy)methane	7.80	93	115	0.007	ng	# 49
31) Naphthalene	8.03	128	6666	0.166	ng	# 92
32) Benzoic acid	7.70	122	2830	0.324	ng	87
33) 4-Chloroaniline	8.03	127	1132	0.066	ng	# 42
35) Caprolactam	8.43	113	277	0.074	ng	# 1
36) 4-Chloro-3-methylphenol	8.49	107	107	0.009	ng	# 20
37) 2-Methylnaphthalene	8.72	142	2400	0.091	ng	# 90
45) 1,1'-Biphenyl	9.19	154	5402	0.214	ng	89
46) 2-Chloronaphthalene	9.42	162	108	0.006	ng	# 3
47) 2-Nitroaniline	9.30	65	127	0.022	ng	# 2
48) Acenaphthylene	9.62	152	2761	0.089	ng	# 81
49) Dimethylphthalate	9.48	163	165967	7.254	ng	99
50) 2,6-Dinitrotoluene	9.48	165	2344	0.513	ng	# 1

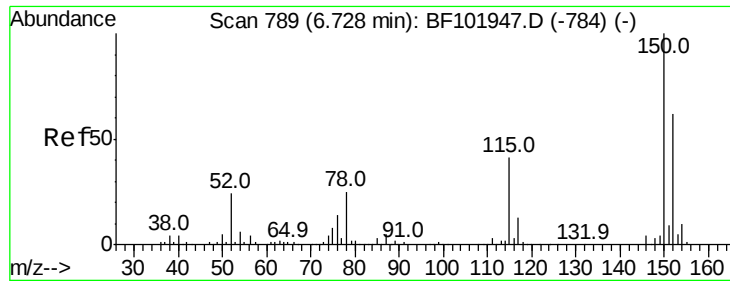
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
 Data File : BF101963.D
 Acq On : 9 Jan 2018 20:11
 Operator : SJ/JU
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Quant Time: Jan 10 00:02:45 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) Acenaphthene	9.79	154	2993	0.159	nq	# 82
52) 3-Nitroaniline	9.70	138	109	0.019	nq	# 2
54) Dibenzofuran	9.96	168	3062	0.118	nq	# 77
55) 4-Nitrophenol	9.87	139	185	0.043	nq	# 74
56) 2,4-Dinitrotoluene	10.04	165	1416	0.247	nq	# 40
57) Fluorene	10.31	166	3345	0.187	nq	# 97
59) Diethylphthalate	10.18	149	3001	0.132	nq	# 84
61) 4-Nitroaniline	10.43	138	114	0.021	nq	# 19
62) Azobenzene	10.47	77	486	0.021	nq	# 1
64) 4,6-Dinitro-2-methylphenol	10.55	198	487	5.851	nq	# 1
65) n-Nitrosodiphenylamine	10.42	169	654	0.042	nq	# 76
66) 4-Bromophenyl-phenylether	10.55	248	15263	3.441	nq	# 1
70) Phenanthrene	11.27	178	38311	1.562	nq	# 97
71) Anthracene	11.32	178	10360	0.416	nq	# 98
72) Carbazole	11.47	167	4149	0.170	nq	# 85
73) Di-n-butylphthalate	11.81	149	3323	0.111	nq	# 79
74) Fluoranthene	12.45	202	76018	3.150	nq	# 98
76) Benzidine	12.83	184	13046	0.664	nq	# 94
77) Pyrene	12.68	202	75000	2.085	nq	# 97
79) Butylbenzylphthalate	13.31	149	568	0.034	nq	# 13
80) Benzo(a)anthracene	13.87	228	40819	1.572	nq	# 93
81) 3,3'-Dichlorobenzidine	13.85	252	122	0.013	nq	# 1
82) Chrysene	13.90	228	40126	1.482	nq	# 98
83) Bis(2-ethylhexyl)phthalate	13.87	149	4434	0.234	nq	# 83
84) Di-n-octyl phthalate	14.47	149	1020	0.032	nq	# 60
85) Indeno(1,2,3-cd)pyrene	16.67	276	20354	1.033	nq	# 90
87) Benzo(b)fluoranthene	14.89	252	64446	3.396	nq	# 77
88) Benzo(k)fluoranthene	14.89	252	64446	3.520	nq	# 80
89) Benzo(a)pyrene	15.23	252	29282	1.715	nq	# 76
90) Dibenzo(a,h)anthracene	16.69	278	6420	0.471	nq	# 62
91) Benzo(a,h,i)perylene	17.08	276	17054	1.242	nq	# 73

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

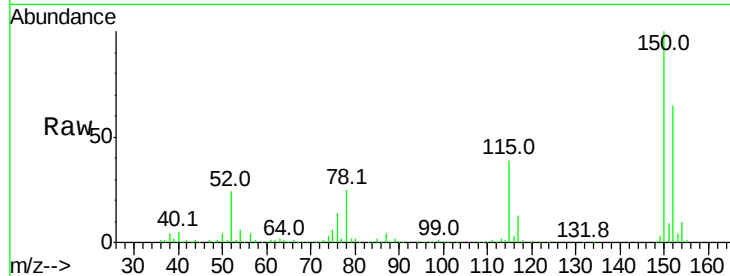


#1

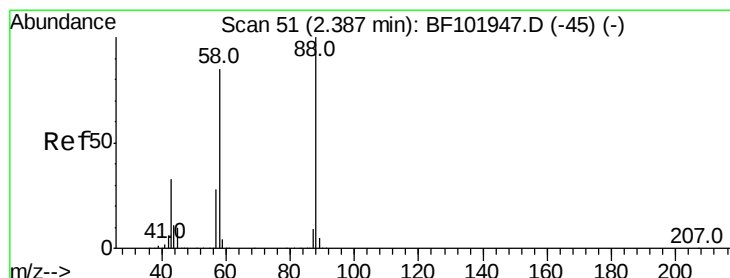
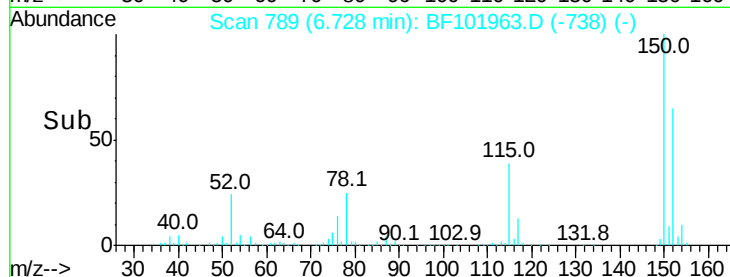
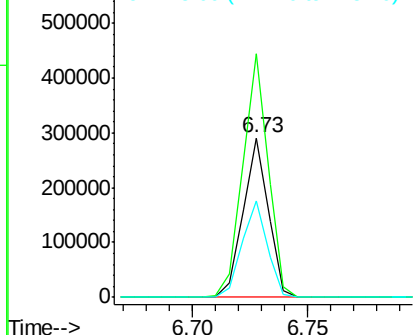
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF101963.D
Acq: 9 Jan 2018 20:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 222709
Ion Ratio Lower Upper
152 100
150 152.7 124.6 186.8
115 60.3 50.1 75.1



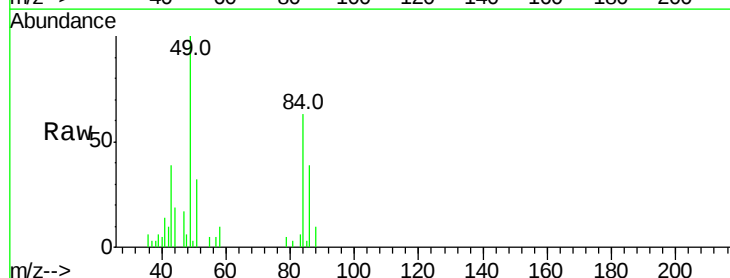
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



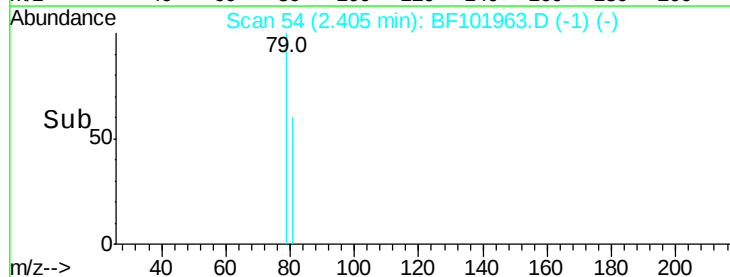
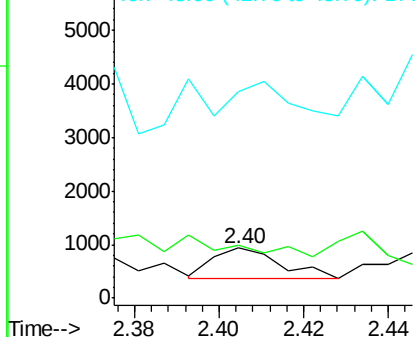
#2

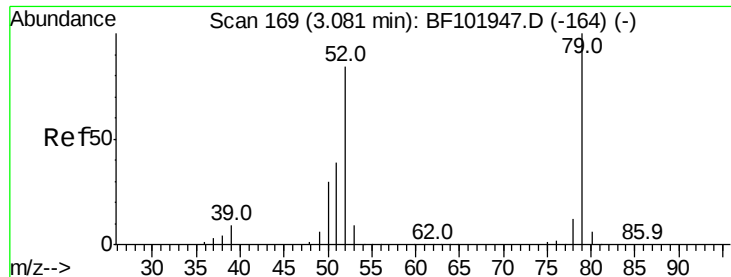
1,4-Dioxane
Concen: 0.080 ng
RT: 2.40 min Scan# 54
Delta R.T. 0.02 min
Lab File: BF101963.D
Acq: 9 Jan 2018 20:11

Tgt Ion: 88 Resp: 628
Ion Ratio Lower Upper
88 100
58 0.0 62.6 93.8#
43 189.0 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: 0.006 ng

RT: 3.09 min Scan# 170

Delta R.T. 0.01 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

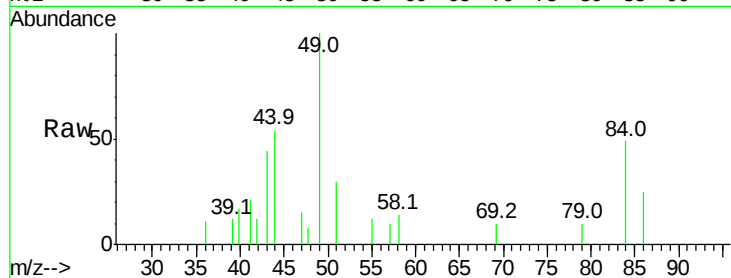
Tot Ion: 79 Resp: 134

Ion Ratio Lower Upper

79 100

52 0.0 59.8 89.6#

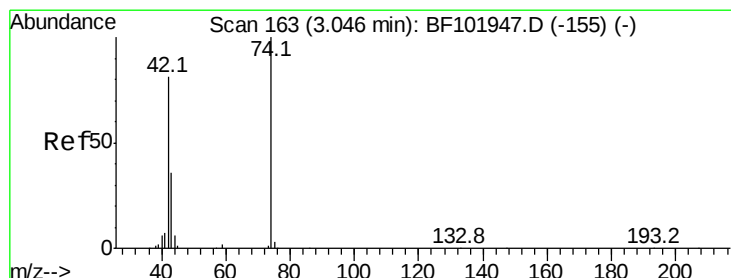
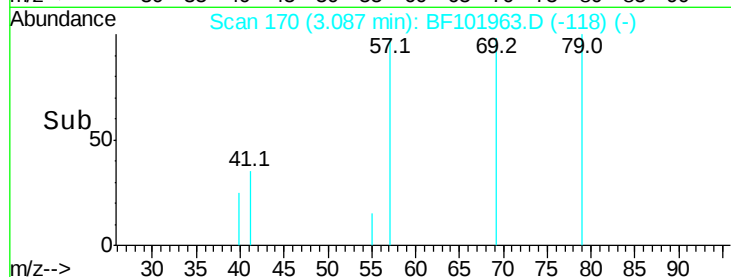
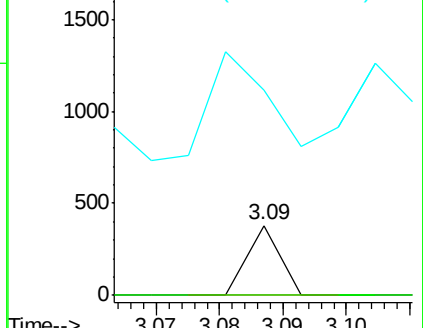
51 293.7 29.8 44.8#



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: 0.114 ng

RT: 3.03 min Scan# 160

Delta R.T. -0.02 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

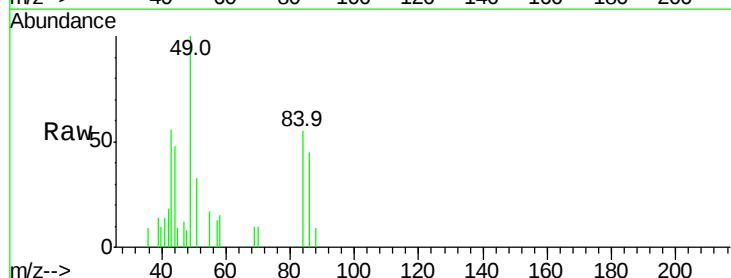
Tgt Ion: 42 Resp: 1022

Ion Ratio Lower Upper

42 100

74 0.0 104.9 157.3#

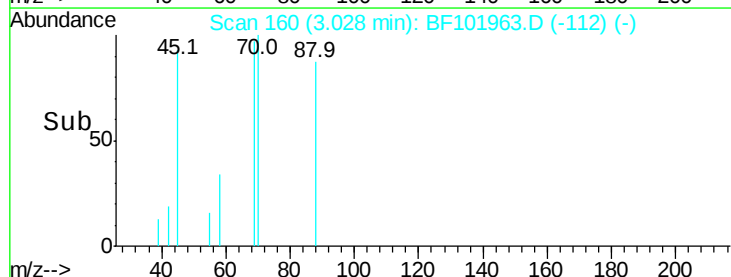
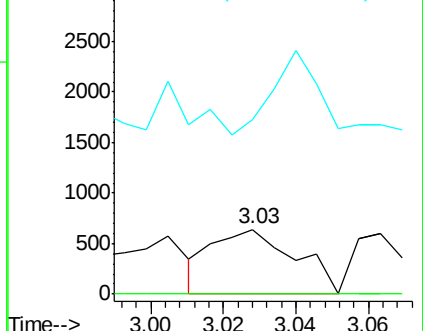
44 268.5 6.9 10.3#

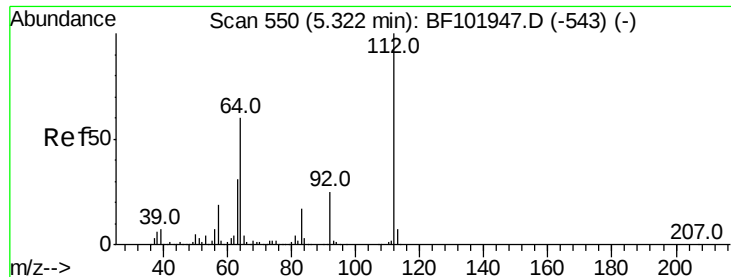


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 100.884 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.02 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

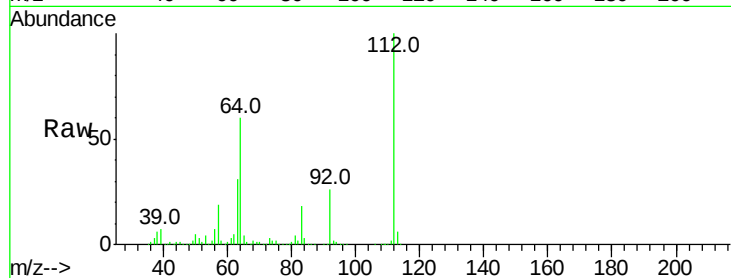
Tot Ion:112 Resp: 1591114

Ion Ratio Lower Upper

112 100

64 59.7 47.9 71.9

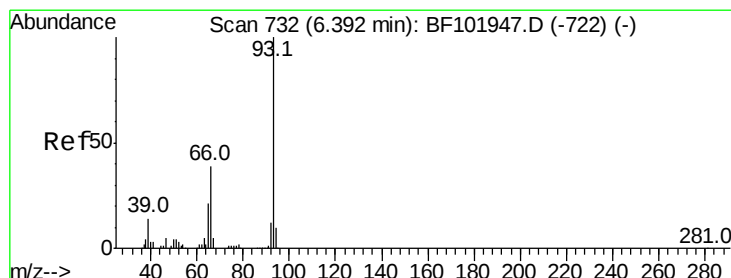
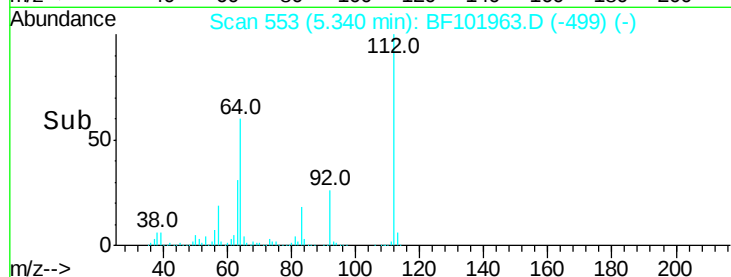
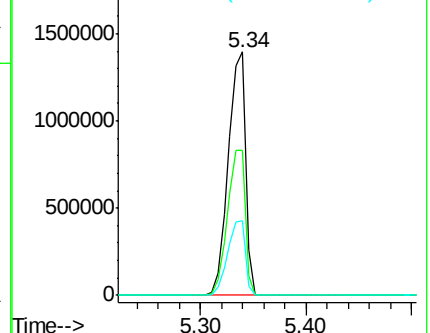
63 30.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.082 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

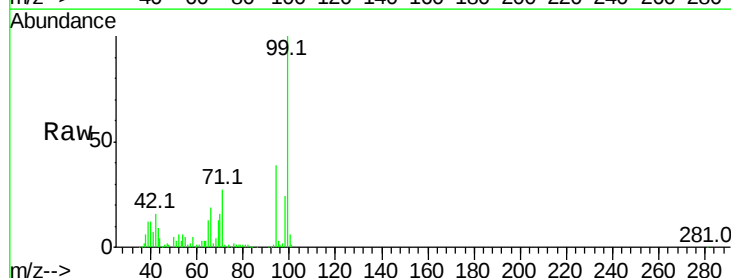
Tgt Ion: 93 Resp: 2186

Ion Ratio Lower Upper

93 100

66 2132.9 32.2 48.2#

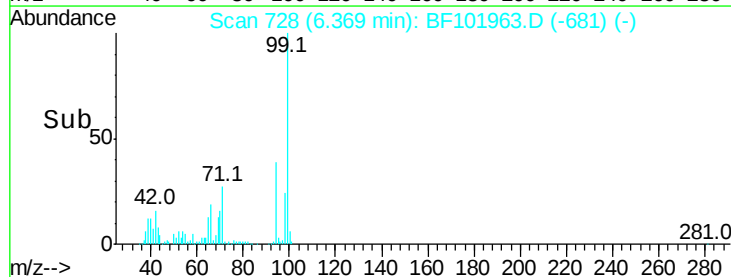
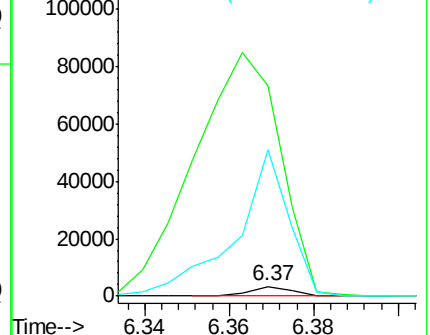
65 1480.4 16.4 24.6#

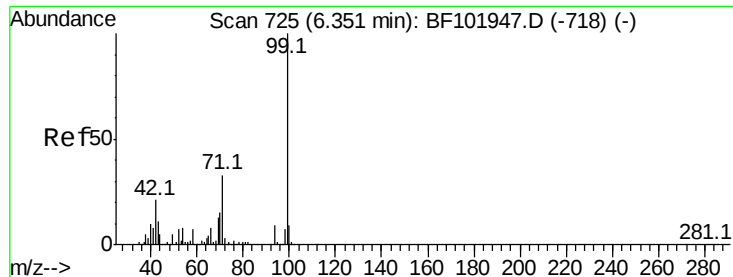


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 97.711 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

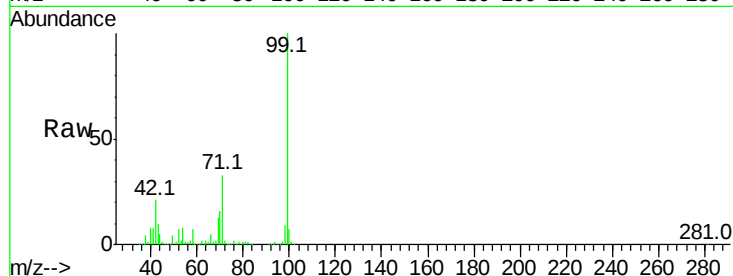
Tot Ion: 99 Resp: 1838645

Ion Ratio Lower Upper

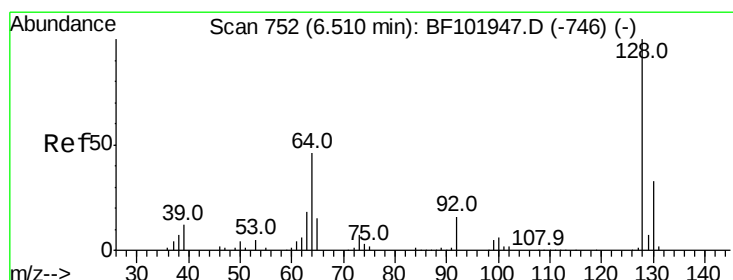
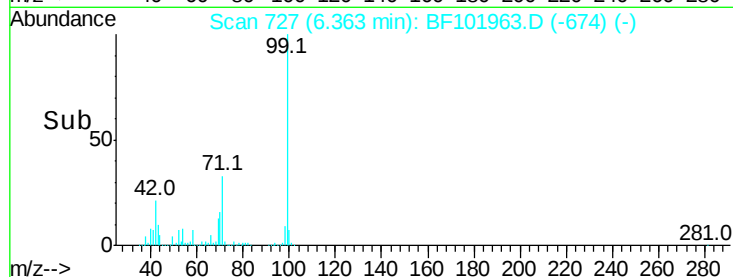
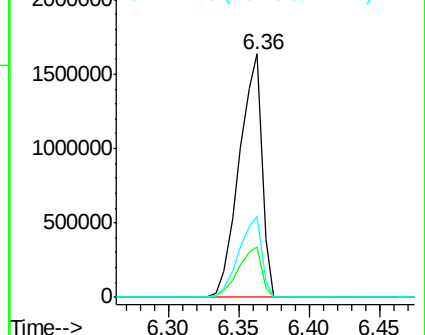
99 100

42 20.7 14.5 21.7

71 33.3 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: 0.053 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

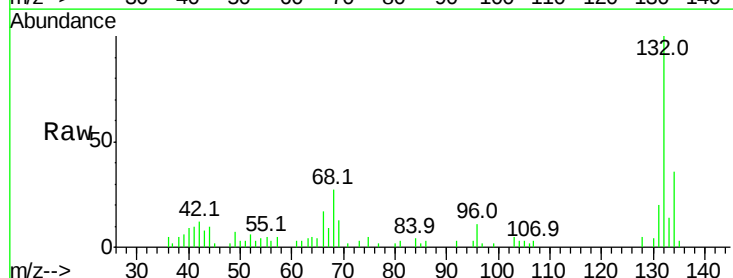
Tgt Ion: 128 Resp: 844

Ion Ratio Lower Upper

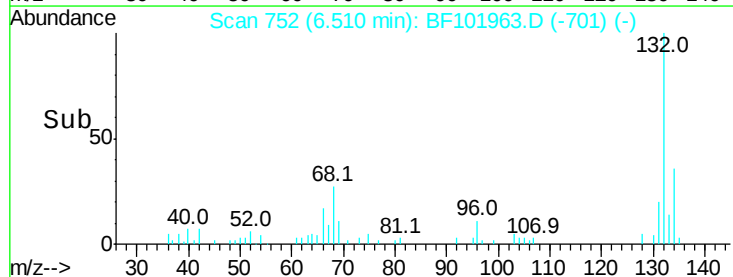
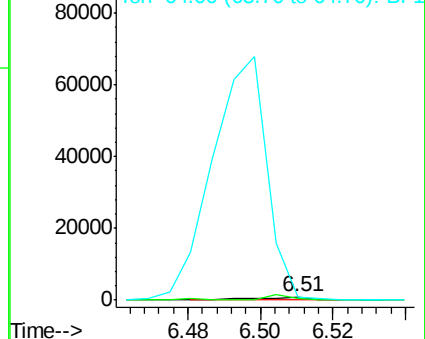
128 100

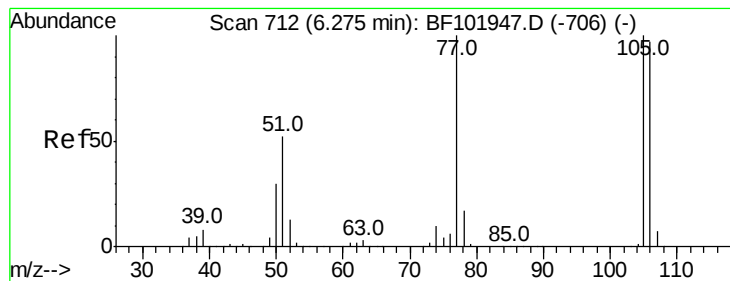
130 75.7 13.0 53.0#

64 103.3 29.4 69.4#



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





#9

Benzaldehyde

Concen: 0.324 ng

RT: 6.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

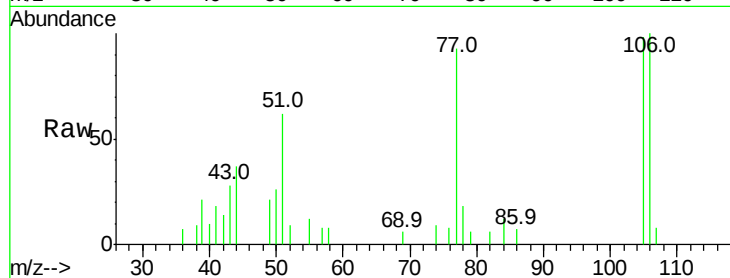
Tot Ion: 77 Resp: 4237

Ion Ratio Lower Upper

77 100

105 105.6 81.1 121.1

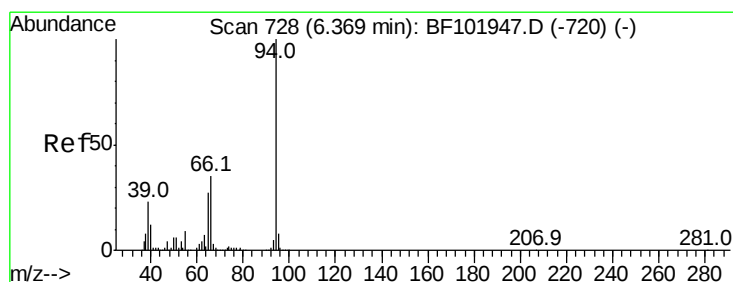
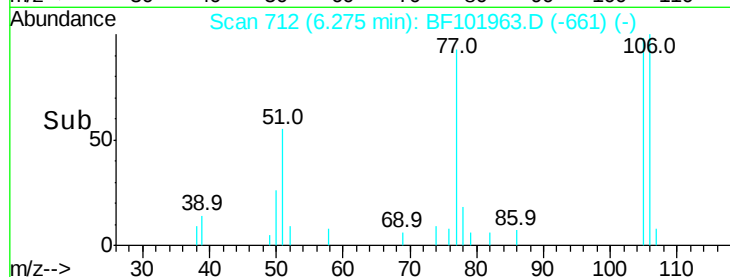
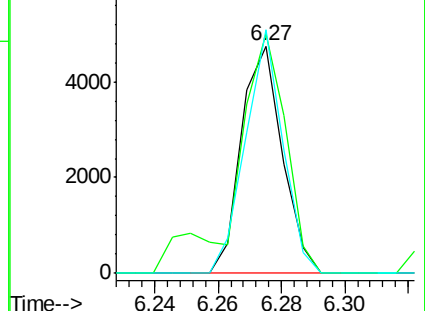
106 107.3 74.5 114.5



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: 4.682 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

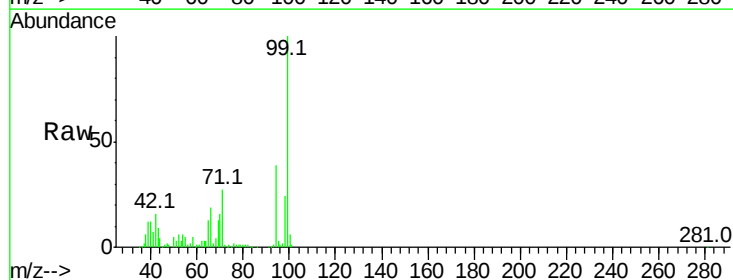
Tgt Ion: 94 Resp: 99566

Ion Ratio Lower Upper

94 100

65 33.7 7.9 47.9

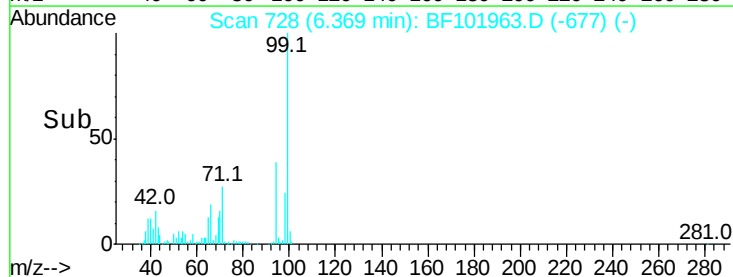
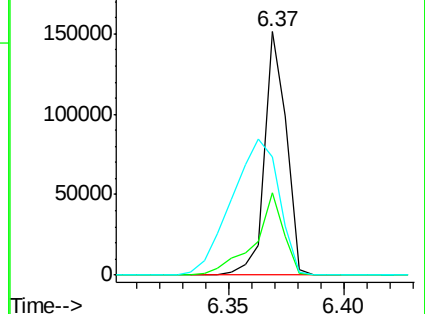
66 48.5 16.2 56.2

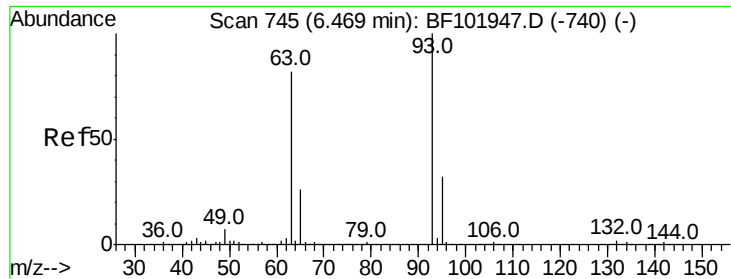


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 0.008 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

Instrument :

BNA_F

ClientSampled :

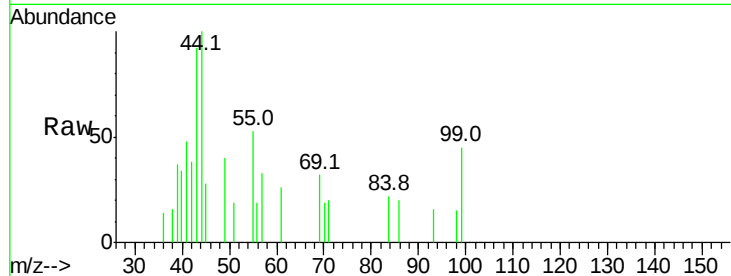
Tot Ion: 93 Resp: 124

Ion Ratio Lower Upper

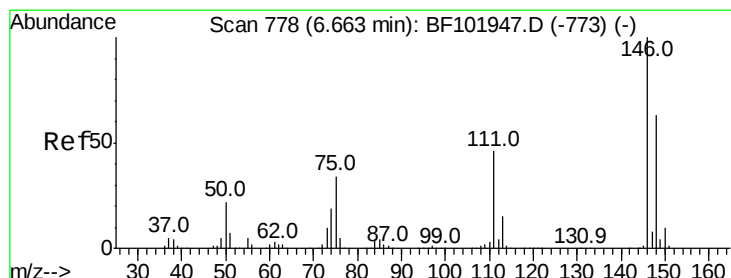
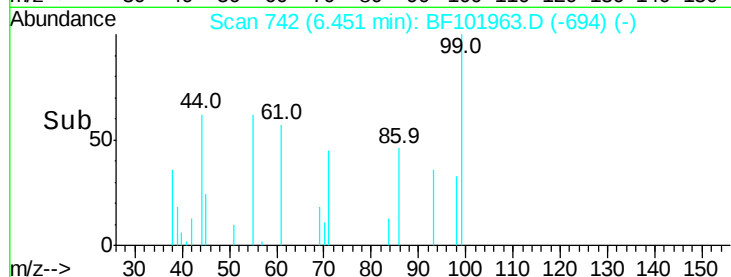
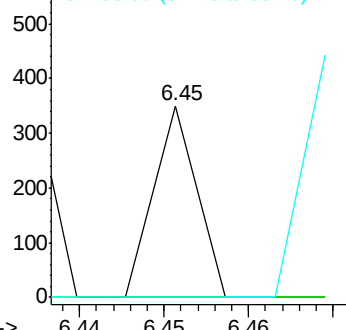
93 100

63 0.0 58.6 98.6#

95 0.0 11.8 51.8#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 0.006 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.07 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

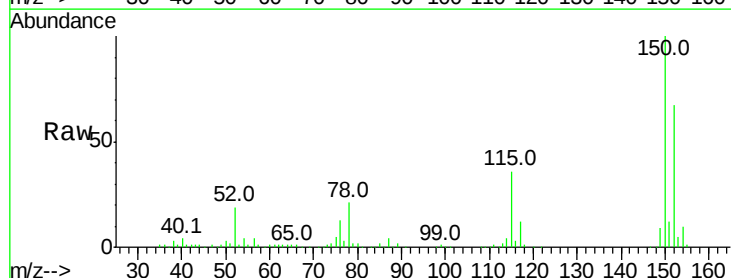
Tgt Ion:146 Resp: 110

Ion Ratio Lower Upper

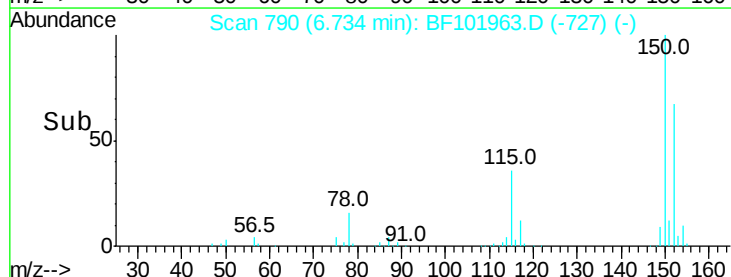
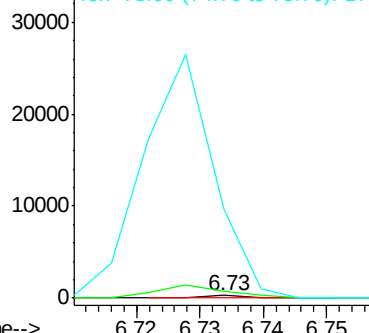
146 100

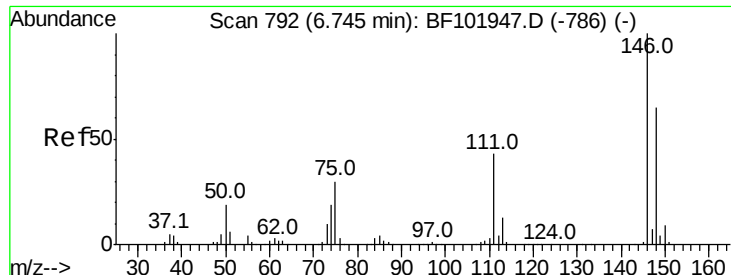
148 218.6 51.8 77.8#

75 3105.4 24.2 36.4#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 0.006 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

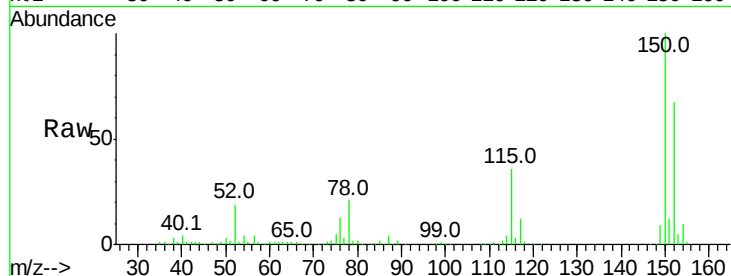
Tot Ion:146 Resp: 110

Ion Ratio Lower Upper

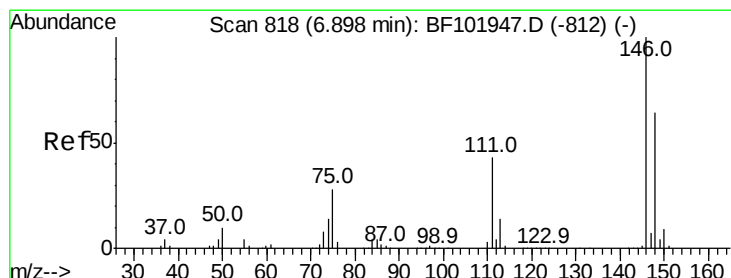
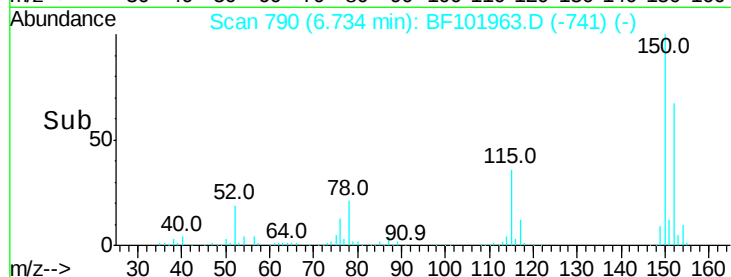
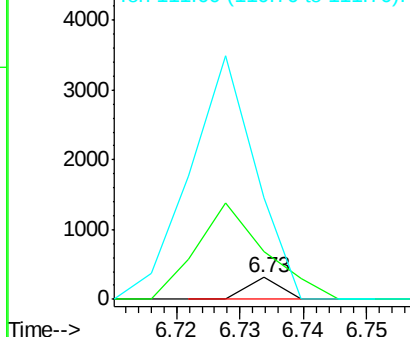
146 100

148 218.6 50.8 76.2#

111 464.4 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: 0.023 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.02 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

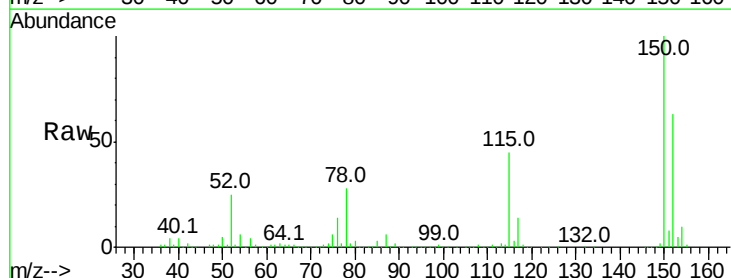
Tgt Ion:146 Resp: 383

Ion Ratio Lower Upper

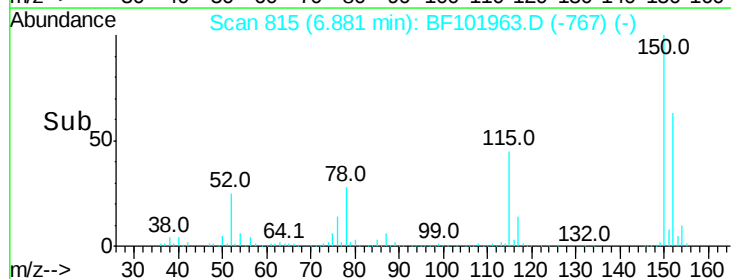
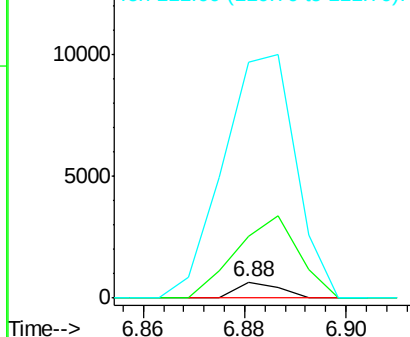
146 100

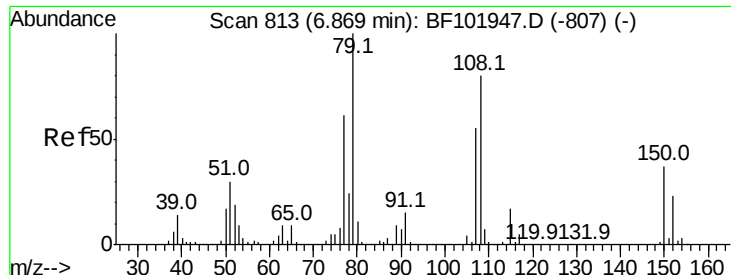
148 381.6 50.6 75.8#

111 1465.6 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: 1.443 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.02 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

Instrument :

BNA_F

ClientSampled :

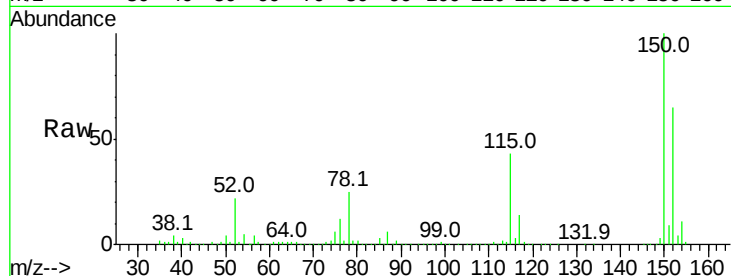
Tot Ion: 79 Resp: 19862

Ion Ratio Lower Upper

79 100

108 27.7 65.1 97.7#

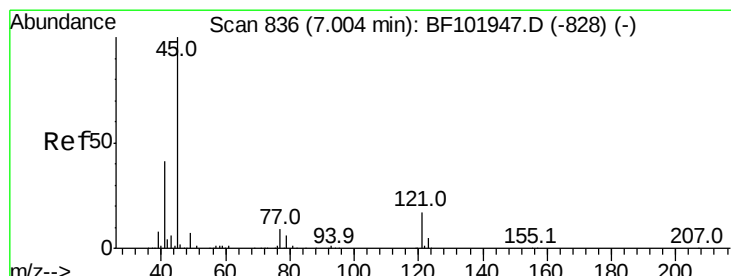
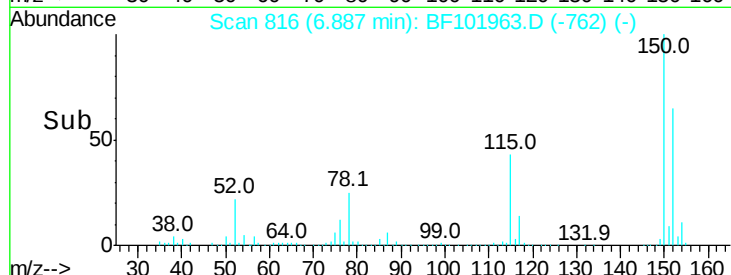
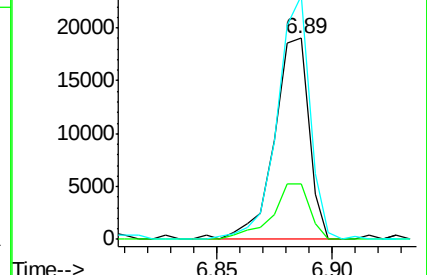
77 121.2 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.012 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.03 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

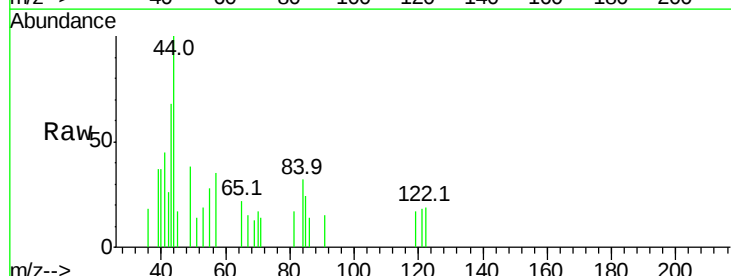
Tgt Ion: 45 Resp: 372

Ion Ratio Lower Upper

45 100

77 0.0 0.0 32.9

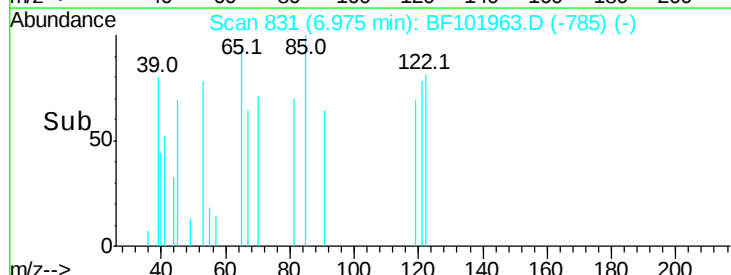
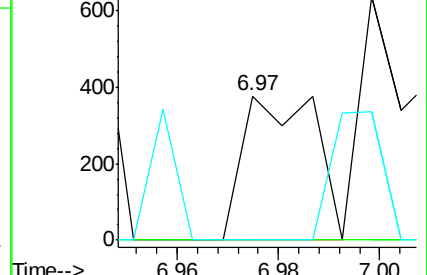
79 0.0 0.0 29.6

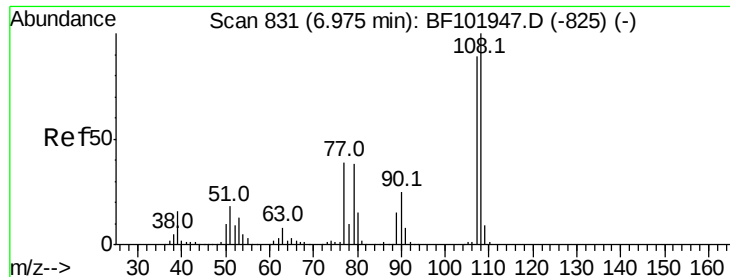


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 0.019 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.09 min

Lab File: BF101963.D

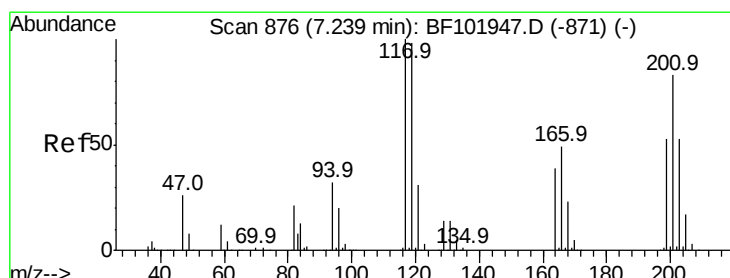
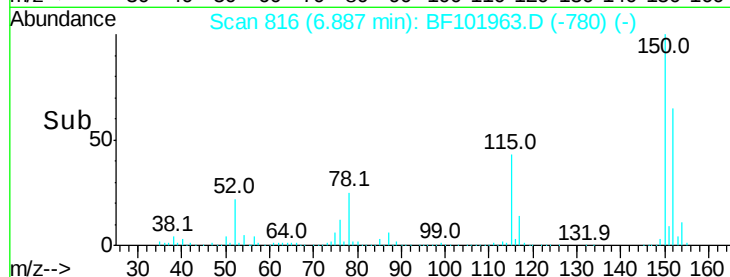
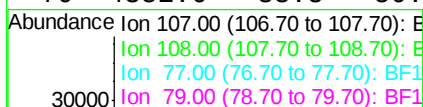
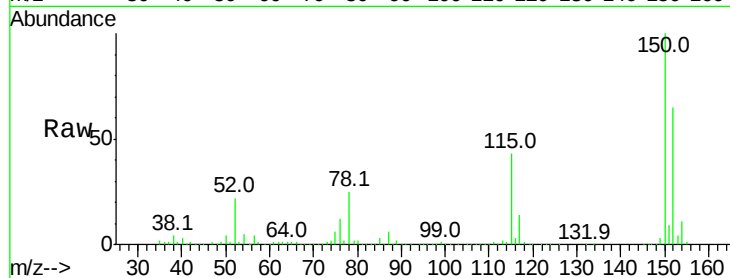
Acq: 9 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	107	Resp:	266
Ion	Ratio	Lower	Upper
107	100		
108	1214.3	91.7	137.5#
77	5308.8	33.8	50.8#
79	4381.6	33.8	50.8#



#18

Hexachloroethane

Concen: 0.043 ng

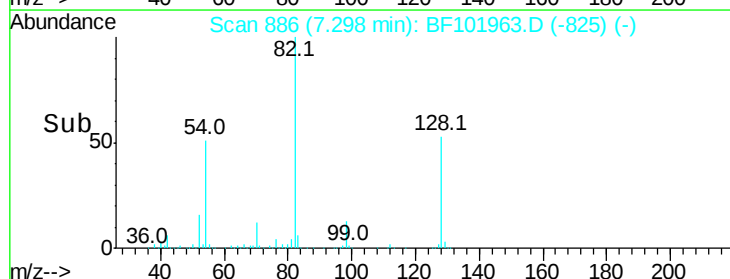
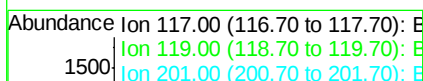
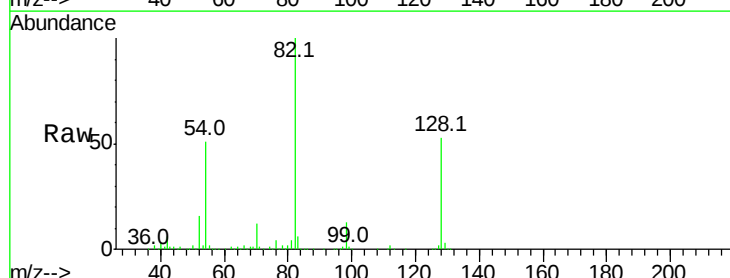
RT: 7.30 min Scan# 886

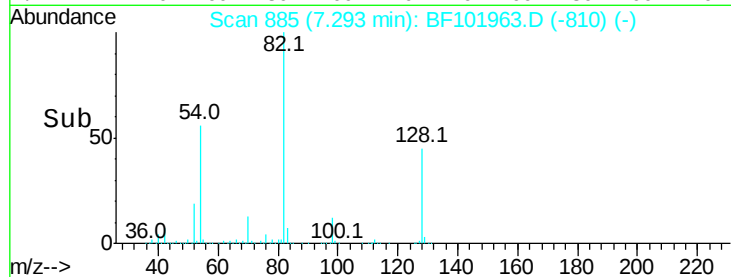
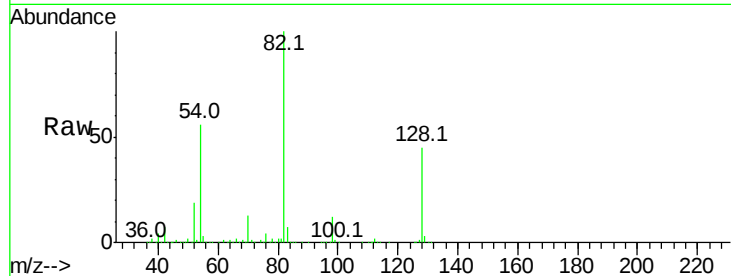
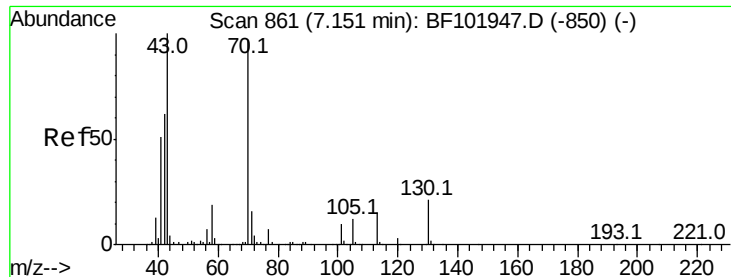
Delta R.T. 0.06 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

Tgt Ion:	117	Resp:	278
Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.8	113.8#
201	0.0	75.7	113.5#

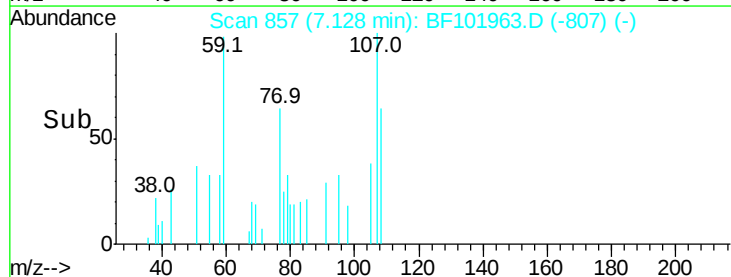
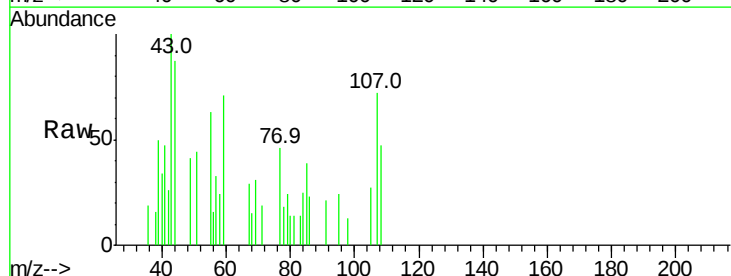
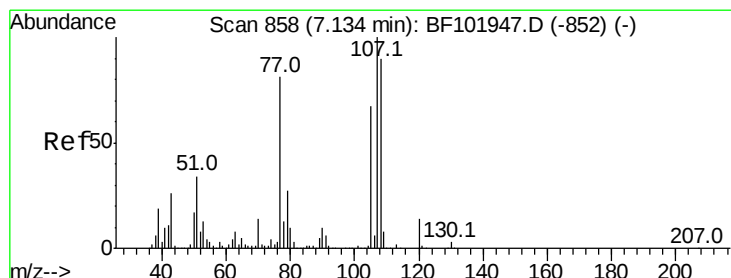
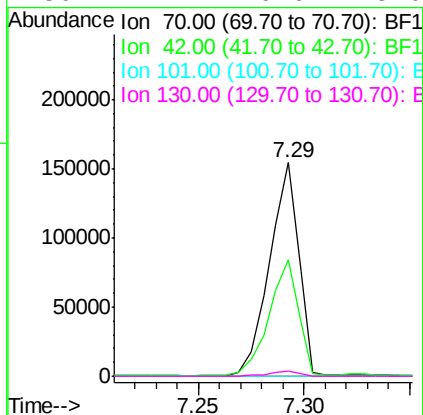




#19
n-Nitroso-di-n-propylamine
Concen: 12.123 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF101963.D
Acq: 9 Jan 2018 20:11

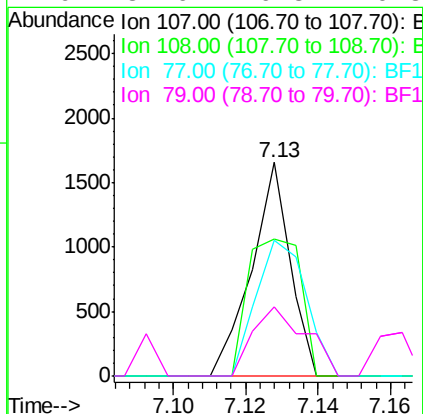
Instrument :
BNA_F
ClientSampleId :

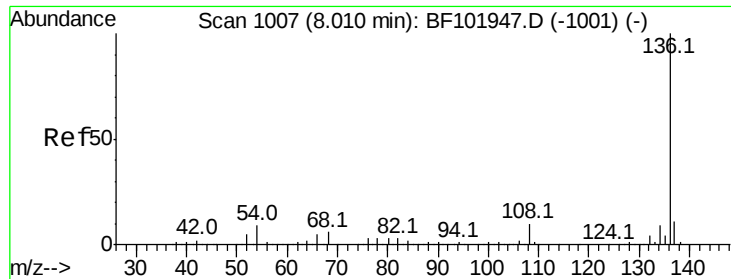
Tot Ion: 70 Resp: 149500
Ion Ratio Lower Upper
70 100
42 54.3 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#20
3+4-Methylphenols
Concen: 0.071 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF101963.D
Acq: 9 Jan 2018 20:11

Tgt Ion:107 Resp: 1217
Ion Ratio Lower Upper
107 100
108 64.3 68.2 108.2#
77 63.8 26.7 66.7
79 32.6 6.3 46.3

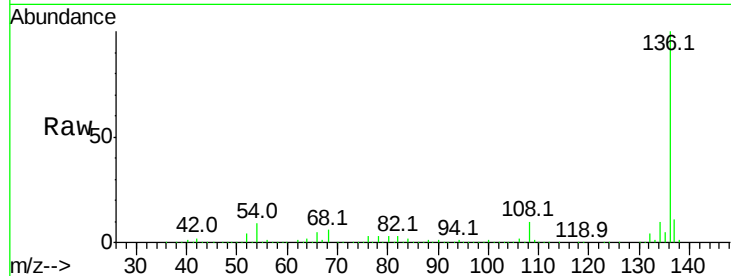




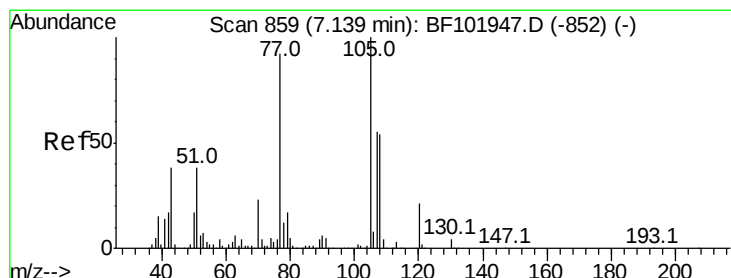
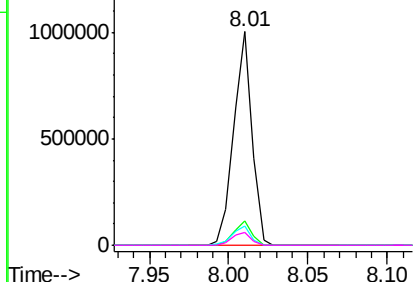
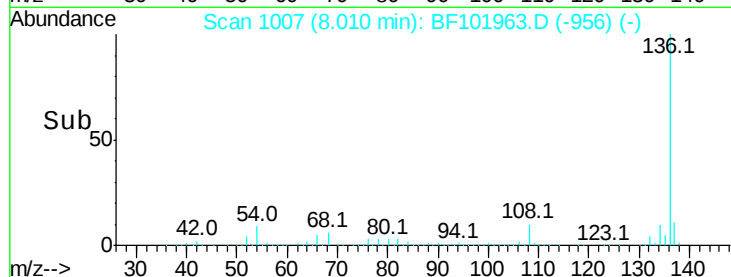
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF101963.D
Acq: 9 Jan 2018 20:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	805741
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	9.1	6.6	9.8
68	6.1	5.0	7.4

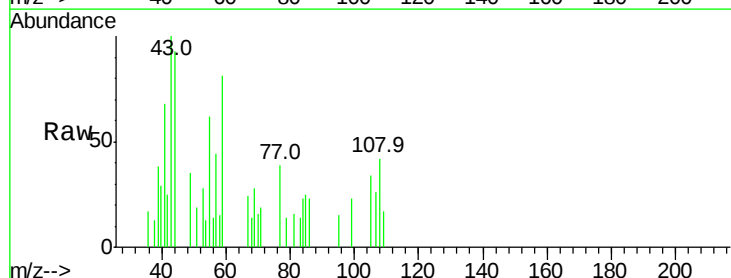


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

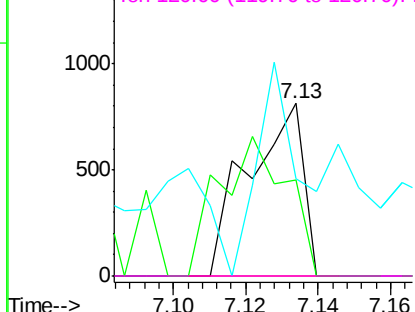
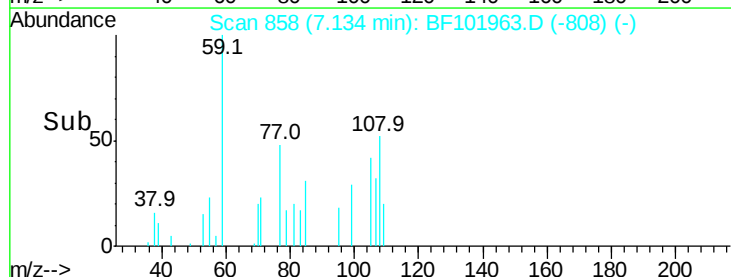


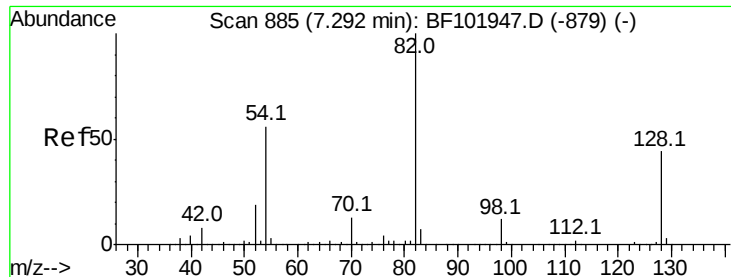
#22
Acetophenone
Concen: 0.044 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF101963.D
Acq: 9 Jan 2018 20:11

Tgt Ion:	105	Resp:	862
Ion	Ratio	Lower	Upper
105	100		
71	55.7	4.4	6.6#
51	56.3	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

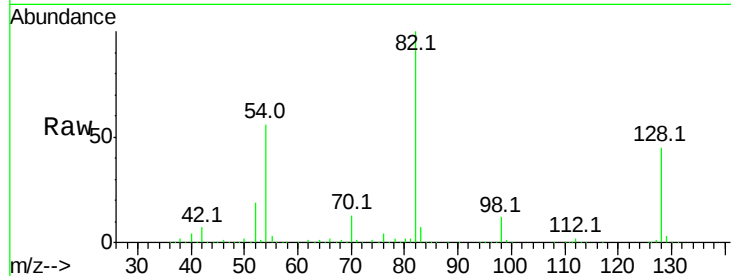




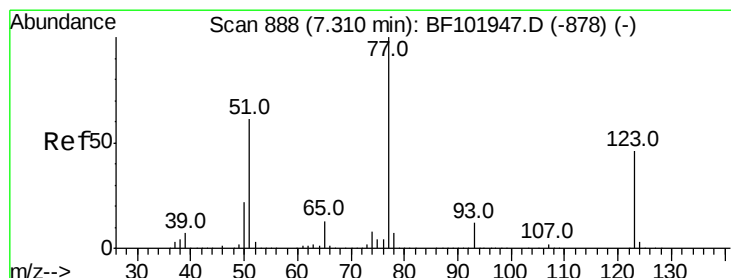
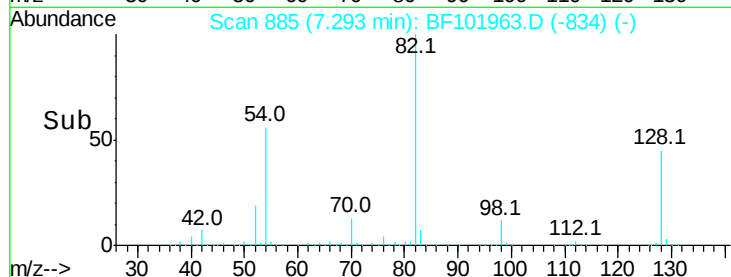
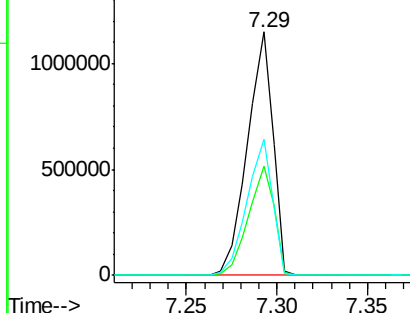
#23
Nitrobenzene-d5
Concen: 82.032 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF101963.D
Acq: 9 Jan 2018 20:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1124776
Ion Ratio Lower Upper
82 100
128 45.0 36.1 54.1
54 55.7 41.4 62.2

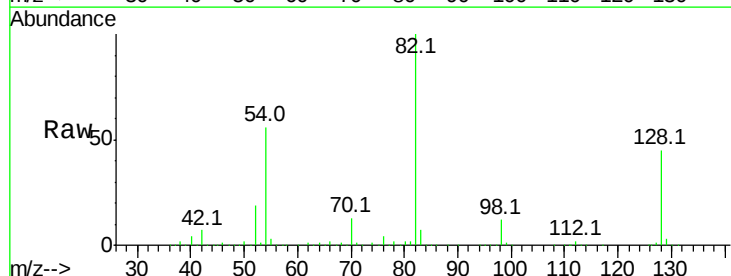


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

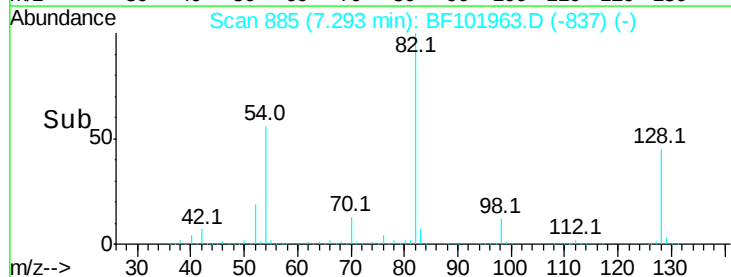
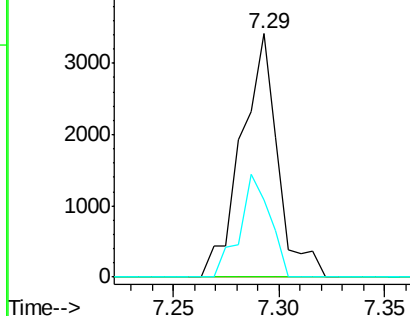


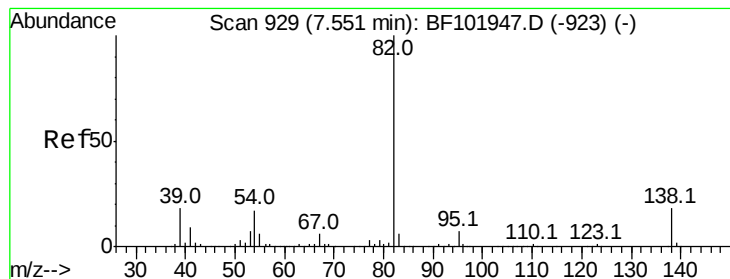
#24
Nitrobenzene
Concen: 0.277 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.02 min
Lab File: BF101963.D
Acq: 9 Jan 2018 20:11

Tgt Ion: 77 Resp: 4076
Ion Ratio Lower Upper
77 100
123 0.0 37.9 56.9#
65 31.8 11.0 16.4#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 41.404 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

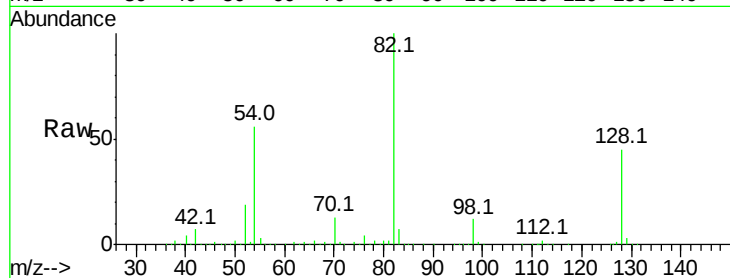
Tot Ion: 82 Resp: 1121756

Ion Ratio Lower Upper

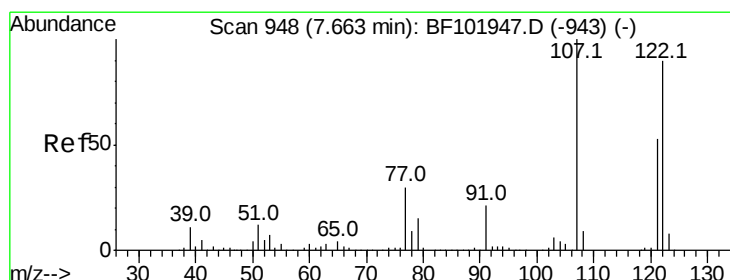
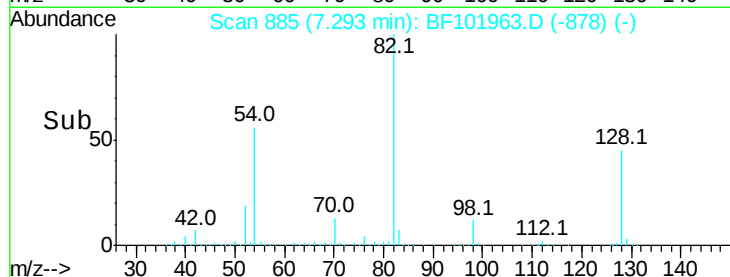
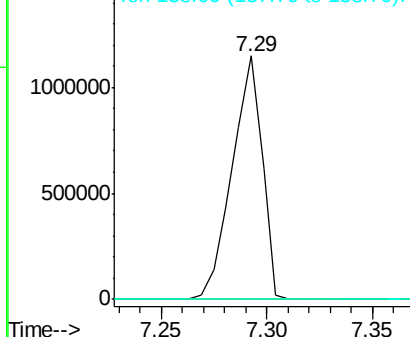
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#27

2,4-Dimethylphenol

Concen: 0.246 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.04 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

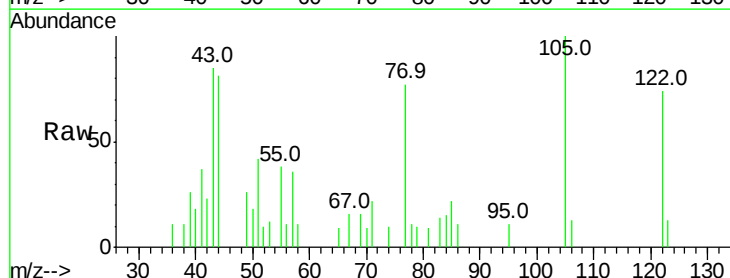
Tgt Ion:122 Resp: 2830

Ion Ratio Lower Upper

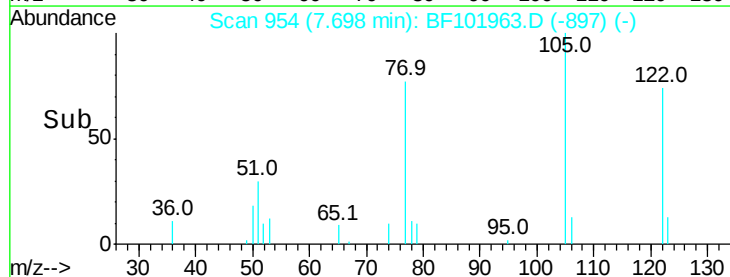
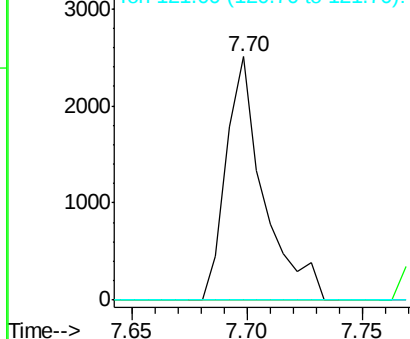
122 100

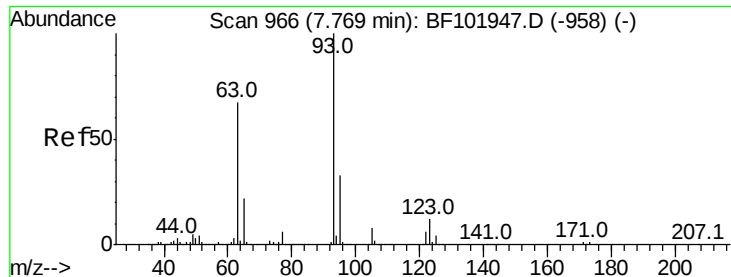
107 0.0 91.2 136.8#

121 0.0 47.2 70.8#



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 107.00 (106.70 to 107.70): BF1
Ion 121.00 (120.70 to 121.70): BF1

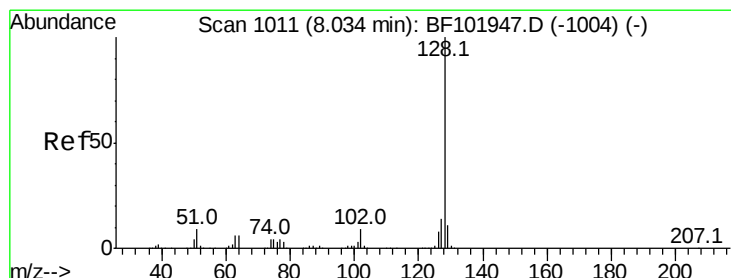
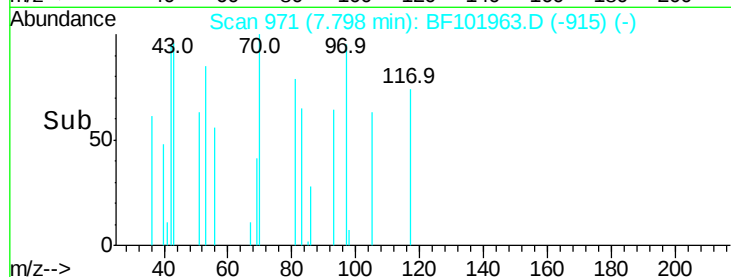
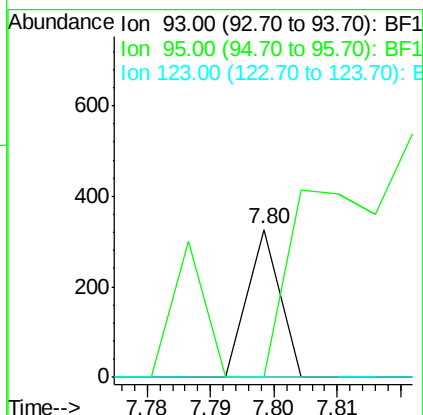
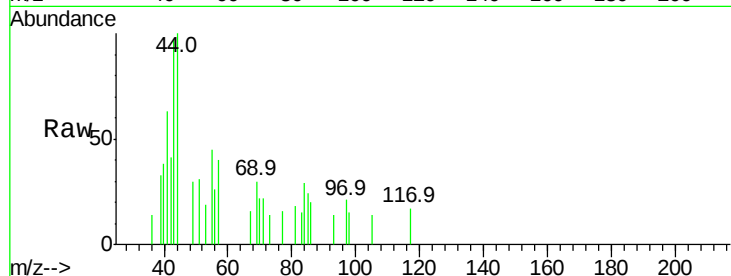




#28
bis(2-Chloroethoxy)methane
Concen: 0.007 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.03 min
Lab File: BF101963.D
Acq: 9 Jan 2018 20:11

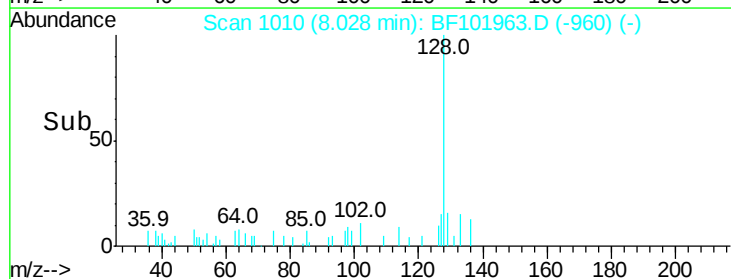
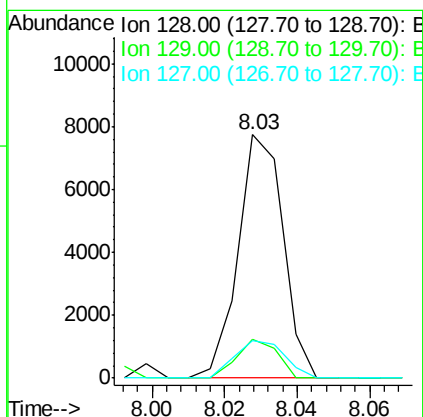
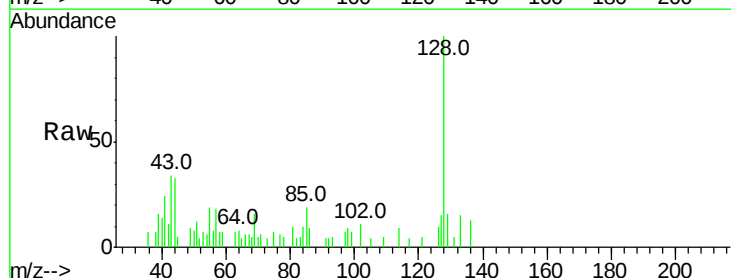
Instrument :
BNA_F
ClientSampleId :

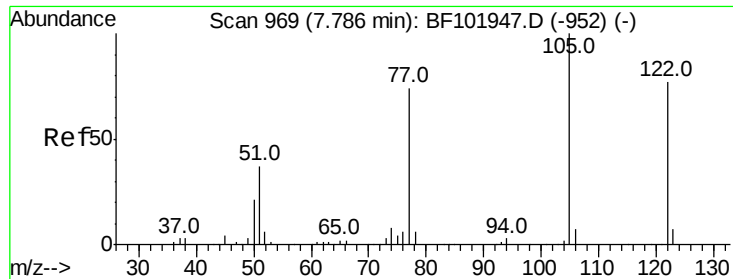
Tot Ion: 93 Resp: 115
Ion Ratio Lower Upper
93 100
95 0.0 26.3 39.5#
123 0.0 9.8 14.6#



#31
Naphthalene
Concen: 0.166 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF101963.D
Acq: 9 Jan 2018 20:11

Tgt Ion: 128 Resp: 6666
Ion Ratio Lower Upper
128 100
129 16.0 8.8 13.2#
127 15.2 10.9 16.3





#32

Benzoic acid

Concen: 0.324 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.09 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

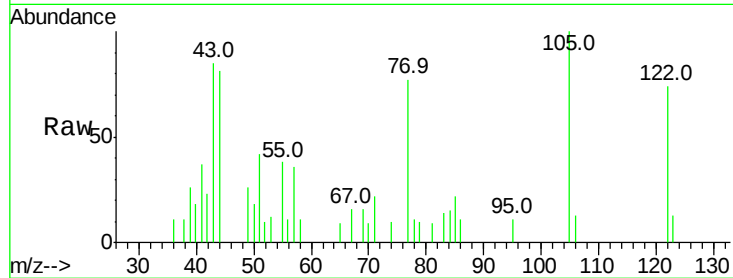
Tot Ion:122 Resp: 2830

Ion Ratio Lower Upper

122 100

105 134.3 101.1 141.1

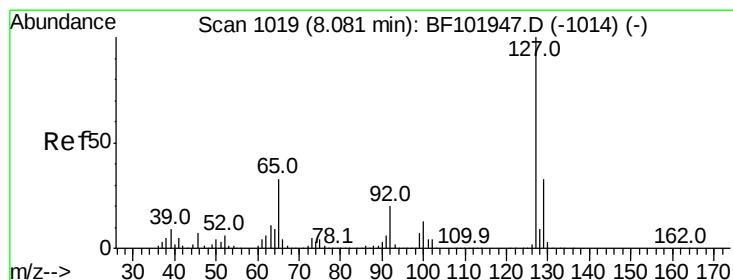
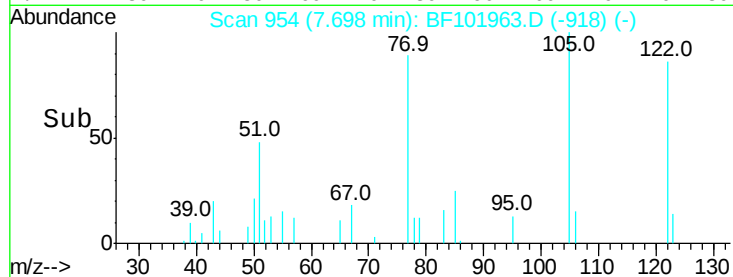
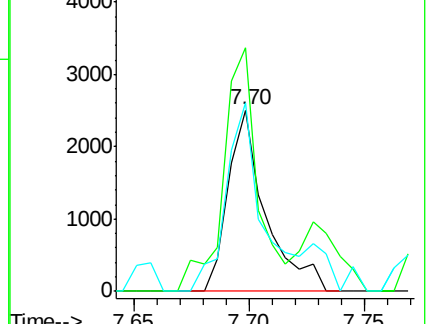
77 103.8 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 0.066 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.05 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

Tgt Ion:127 Resp: 1132

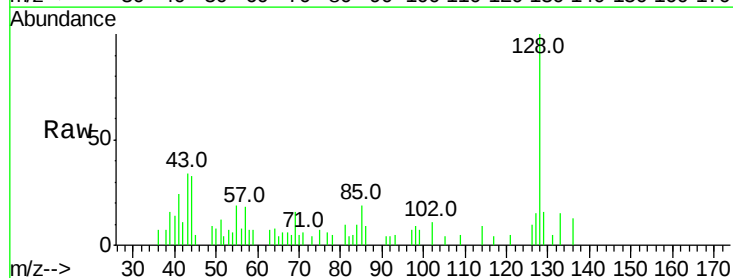
Ion Ratio Lower Upper

127 100

129 104.9 25.9 38.9#

65 26.7 25.0 37.4

92 26.1 15.2 22.8#

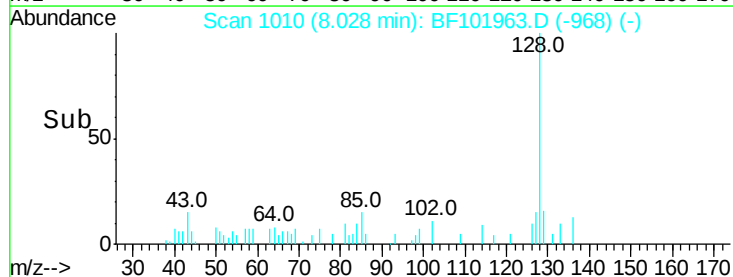
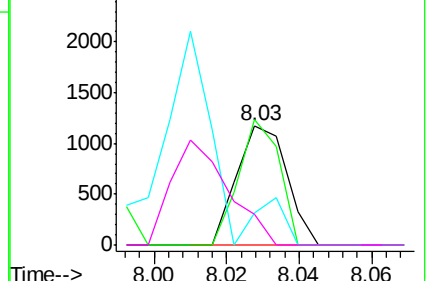


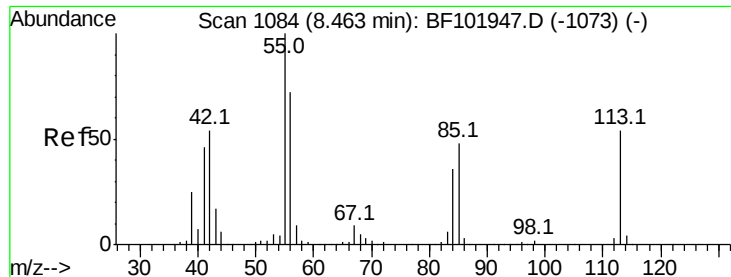
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

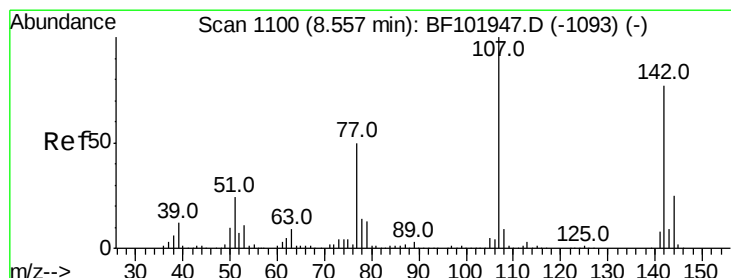
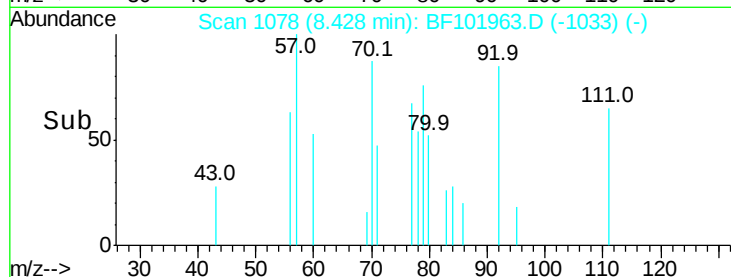
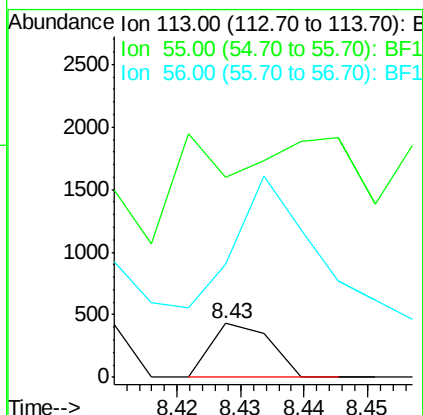
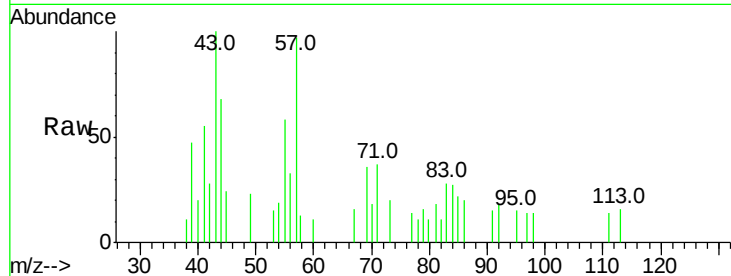




#35
Caprolactam
Concen: 0.074 ng
RT: 8.43 min Scan# 1078
Delta R.T. -0.04 min
Lab File: BF101963.D
Acq: 9 Jan 2018 20:11

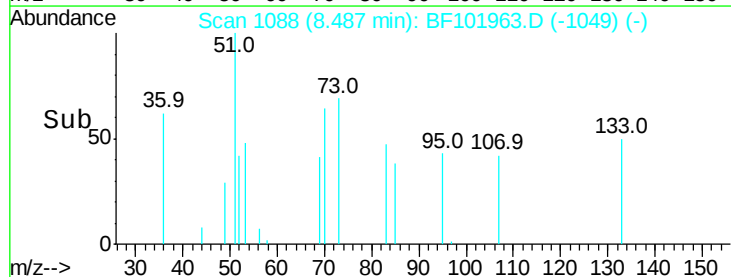
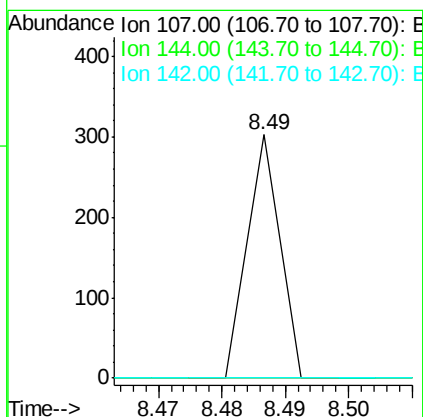
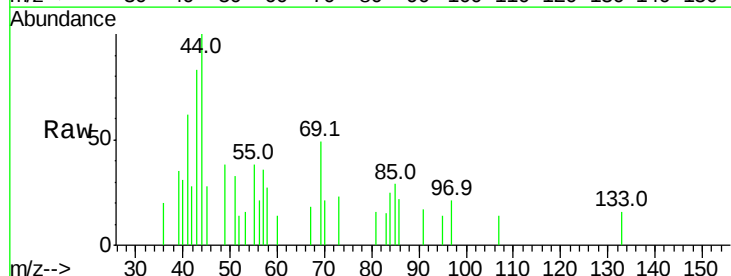
Instrument :
BNA_F
ClientSampleId :

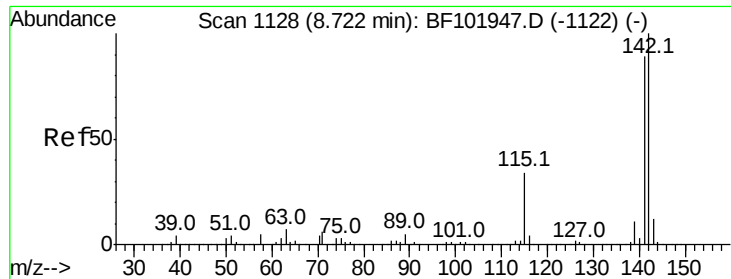
Tot Ion:113 Resp: 277
Ion Ratio Lower Upper
113 100
55 372.3 163.3 203.3#
56 209.3 115.7 155.7#



#36
4-Chloro-3-methylphenol
Concen: 0.009 ng
RT: 8.49 min Scan# 1088
Delta R.T. -0.07 min
Lab File: BF101963.D
Acq: 9 Jan 2018 20:11

Tgt Ion:107 Resp: 107
Ion Ratio Lower Upper
107 100
144 0.0 20.5 30.7#
142 0.0 62.0 93.0#

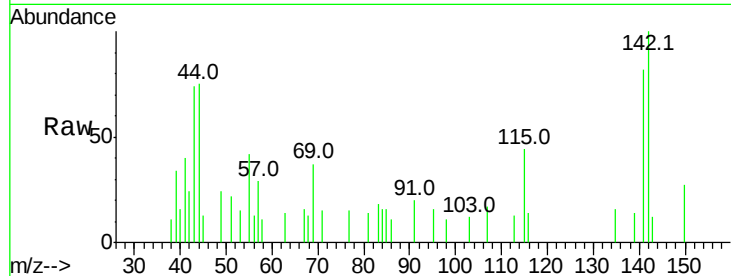




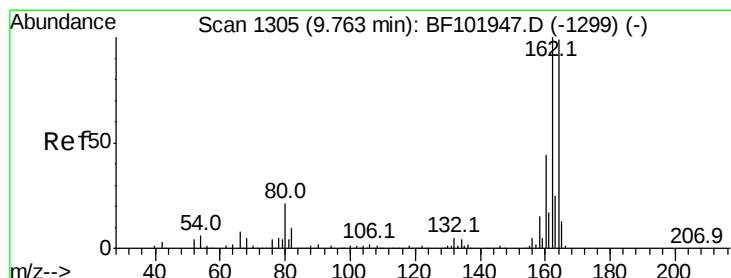
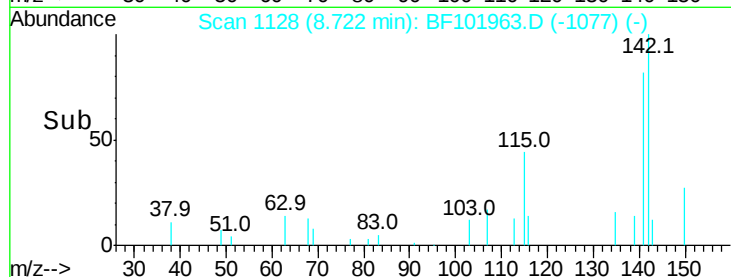
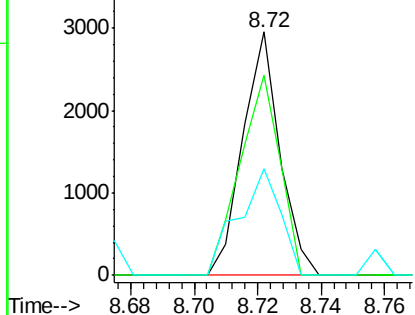
#37
 2-Methylnaphthalene
 Concen: 0.091 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: BF101963.D
 Acq: 9 Jan 2018 20:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 2400
 Ion Ratio Lower Upper
 142 100
 141 82.4 70.8 106.2
 115 44.0 26.1 39.1#

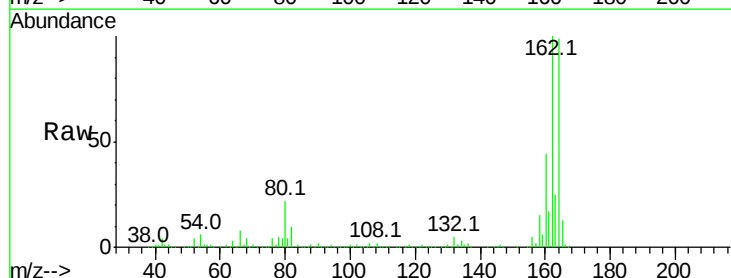


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

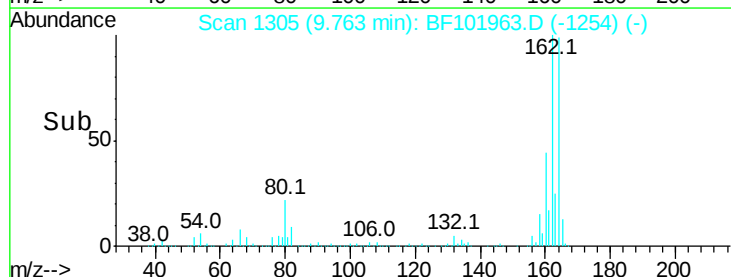
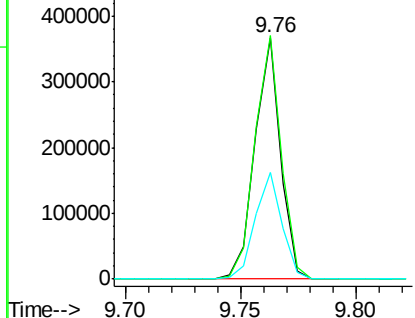


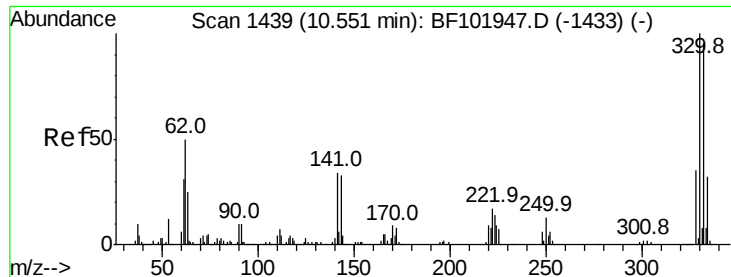
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF101963.D
 Acq: 9 Jan 2018 20:11

Tgt Ion:164 Resp: 285192
 Ion Ratio Lower Upper
 164 100
 162 101.0 86.1 129.1
 160 44.4 38.3 57.5



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

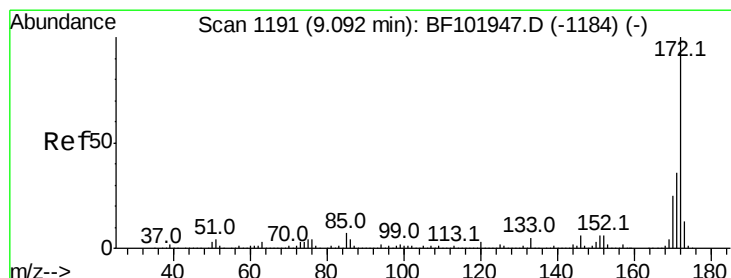
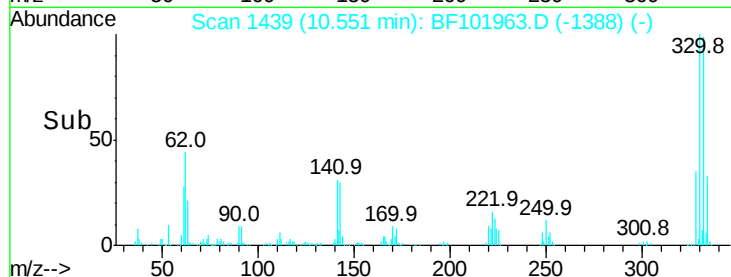
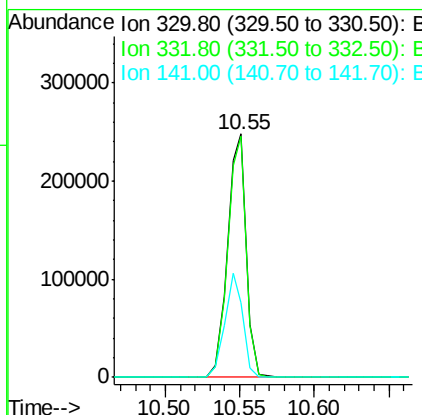
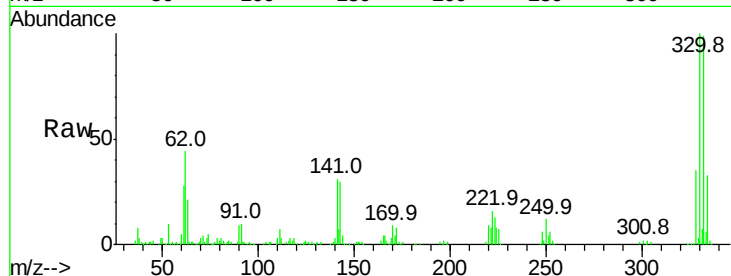




#41
 2,4,6-Tribromophenol
 Concen: 88.747 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF101963.D
 Acq: 9 Jan 2018 20:11

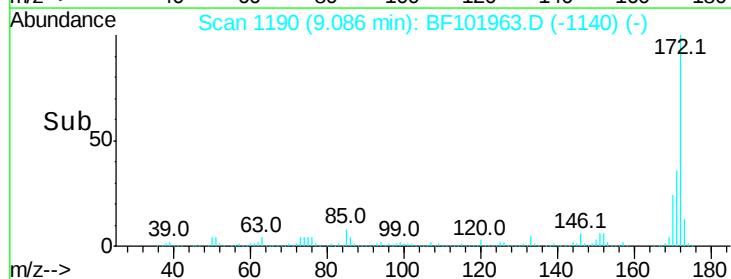
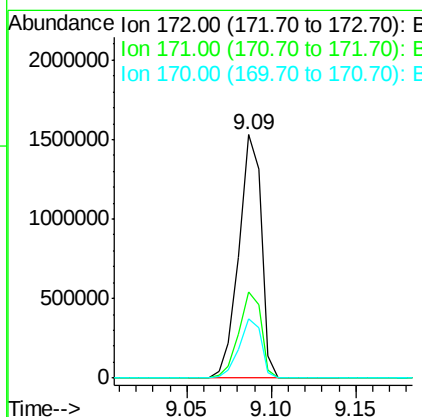
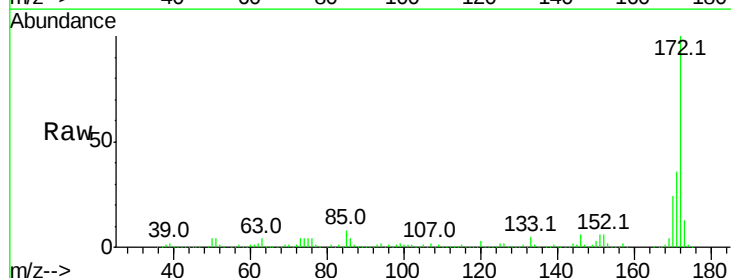
Instrument :
 BNA_F
 ClientSampleId :

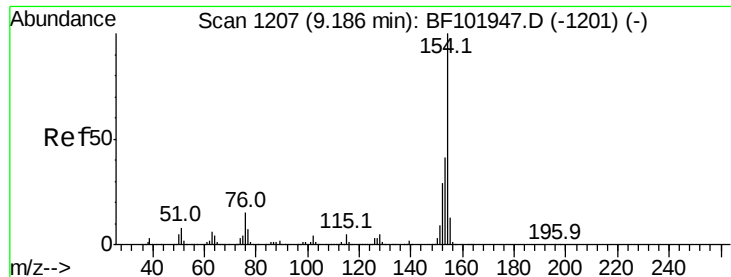
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	41.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 77.577 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF101963.D
 Acq: 9 Jan 2018 20:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.4	19.6	29.4





#45

1,1'-Biphenyl

Concen: 0.214 ng

RT: 9.19 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

Instrument :

BNA_F

ClientSampled :

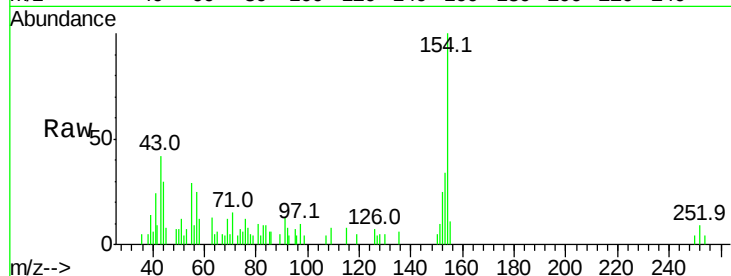
Tot Ion:154 Resp: 5402

Ion Ratio Lower Upper

154 100

153 33.6 21.3 61.3

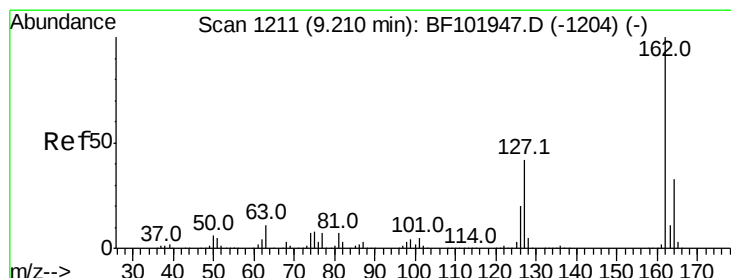
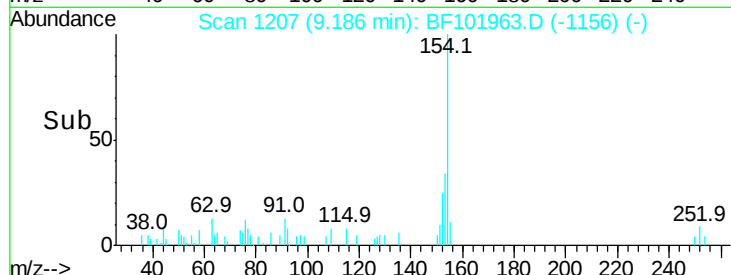
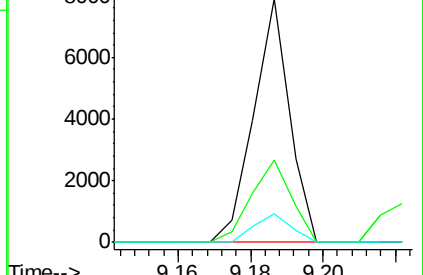
76 11.7 0.0 34.0



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): BF1



#46

2-Chloronaphthalene

Concen: 0.006 ng

RT: 9.42 min Scan# 1247

Delta R.T. 0.21 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

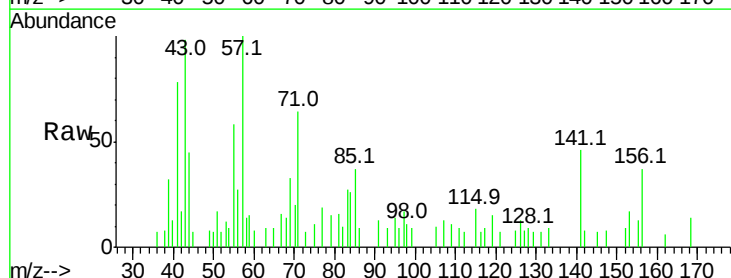
Tgt Ion:162 Resp: 108

Ion Ratio Lower Upper

162 100

127 123.5 33.9 50.9#

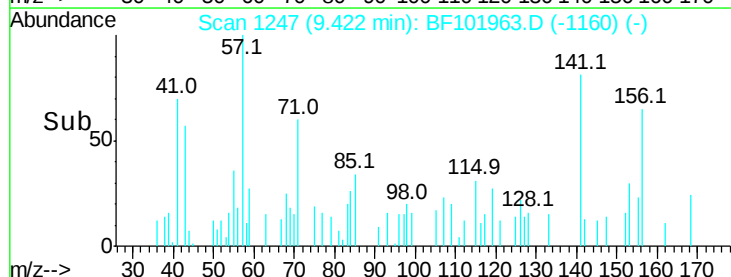
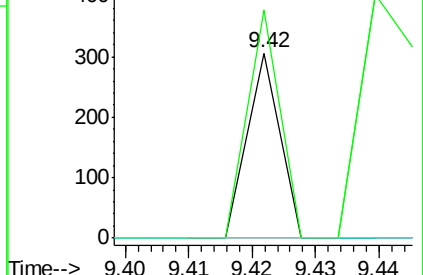
164 0.0 26.5 39.7#

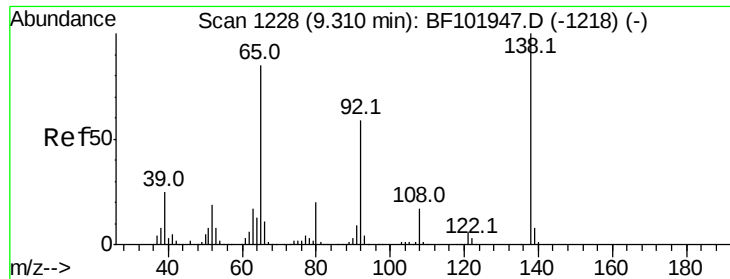


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

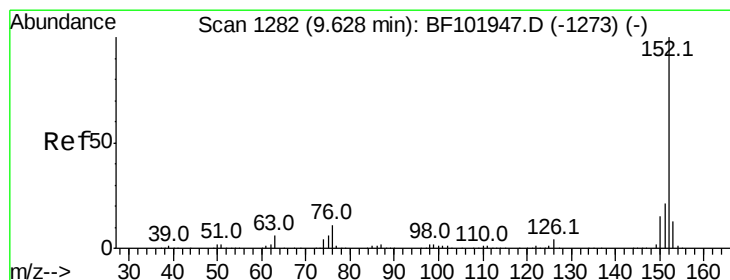
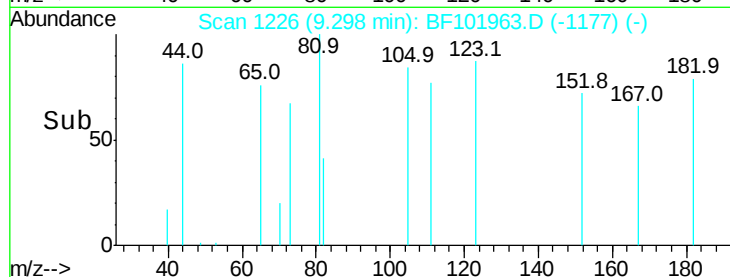
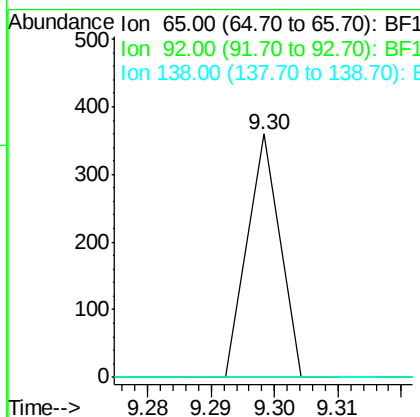
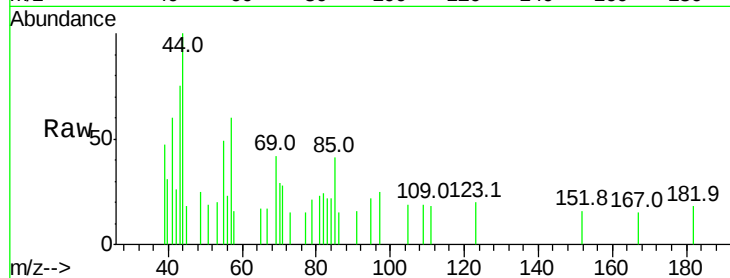




#47
 2-Nitroaniline
 Concen: 0.022 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF101963.D
 Acq: 9 Jan 2018 20:11

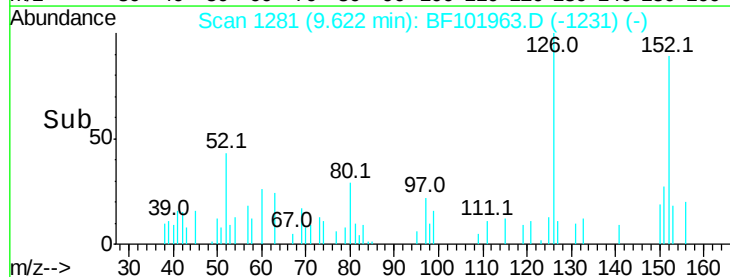
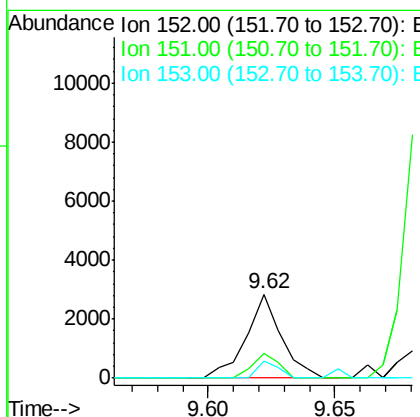
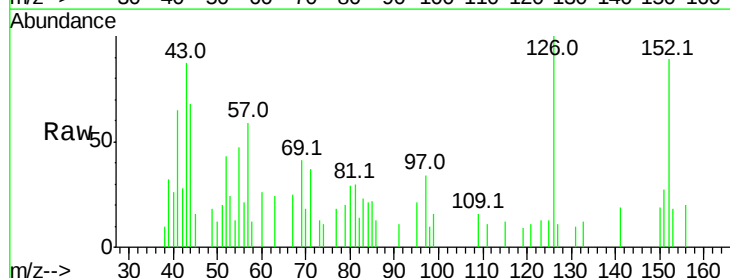
Instrument :
 BNA_F
 ClientSampled :

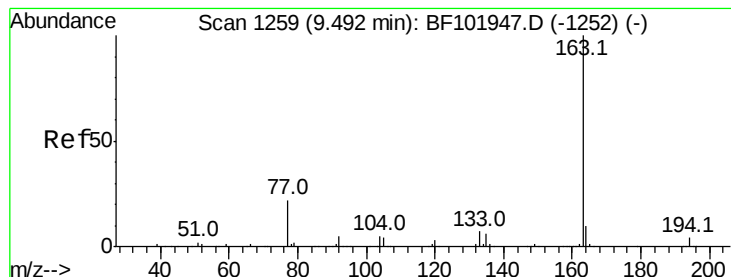
Tot Ion: 65 Resp: 127
 Ion Ratio Lower Upper
 65 100
 92 0.0 55.8 83.6#
 138 0.0 91.2 136.8#



#48
 Acenaphthylene
 Concen: 0.089 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BF101963.D
 Acq: 9 Jan 2018 20:11

Tgt Ion: 152 Resp: 2761
 Ion Ratio Lower Upper
 152 100
 151 29.9 16.3 24.5#
 153 19.7 10.7 16.1#





#49

Dimethylphthalate

Concen: 7.254 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

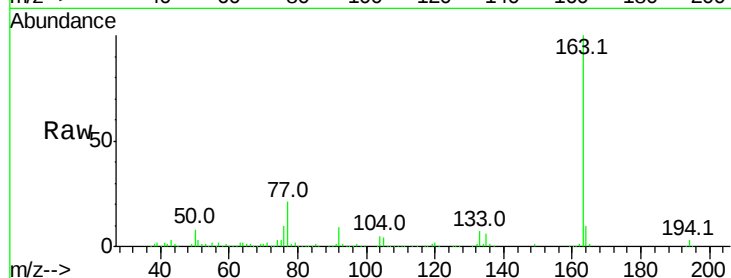
Tot Ion:163 Resp: 165967

Ion Ratio Lower Upper

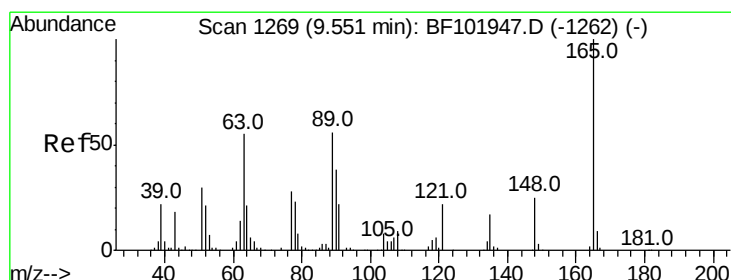
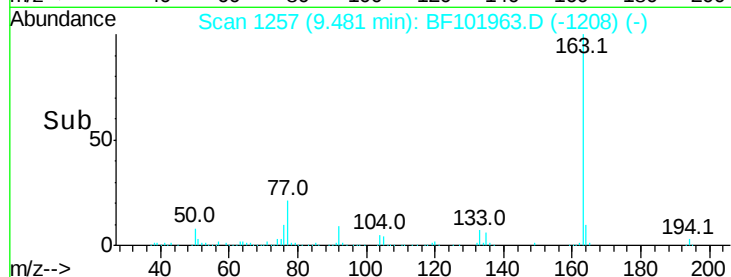
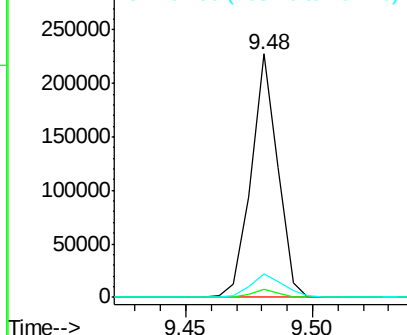
163 100

194 3.1 2.7 4.1

164 9.9 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: 0.513 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.07 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

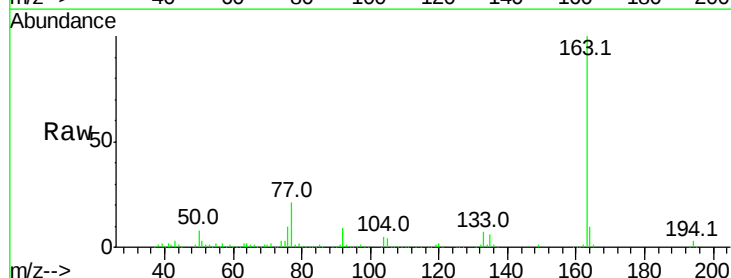
Tgt Ion:165 Resp: 2344

Ion Ratio Lower Upper

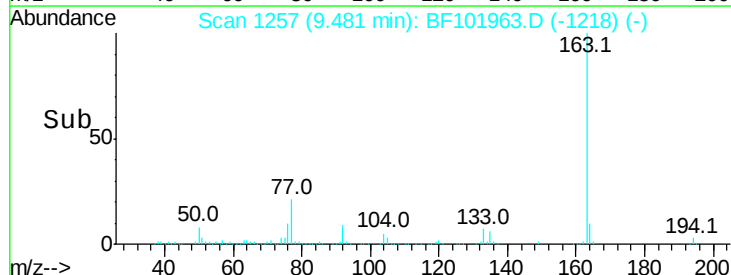
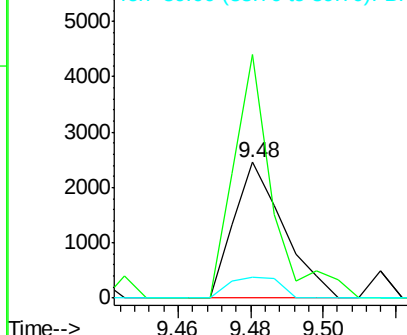
165 100

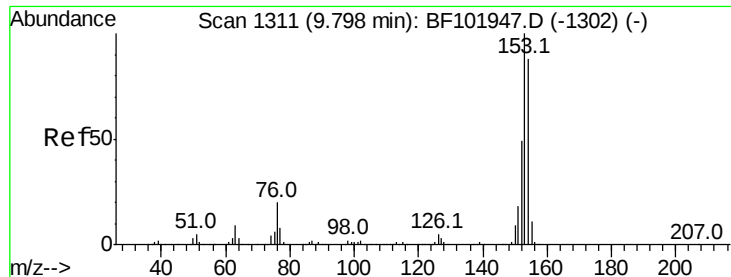
63 179.6 44.7 67.1#

89 15.1 44.0 66.0#



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





#51

Acenaphthene

Concen: 0.159 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

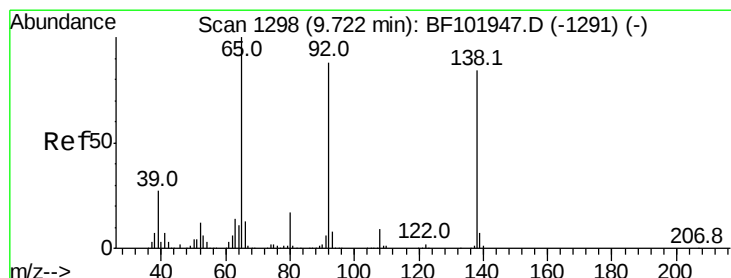
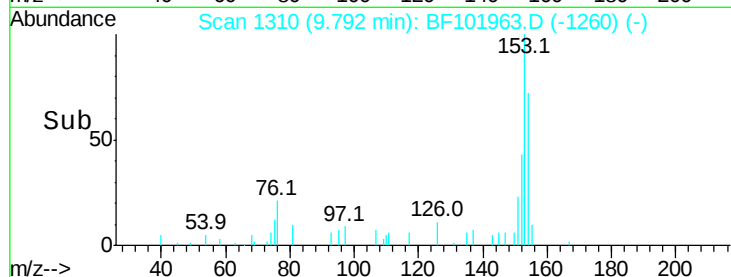
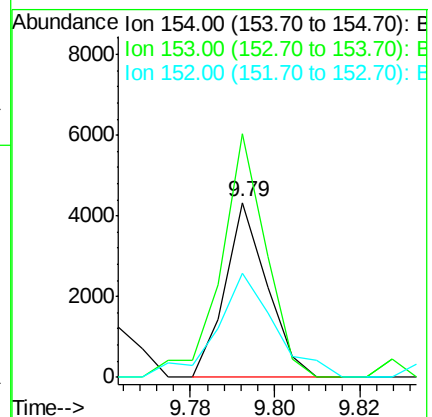
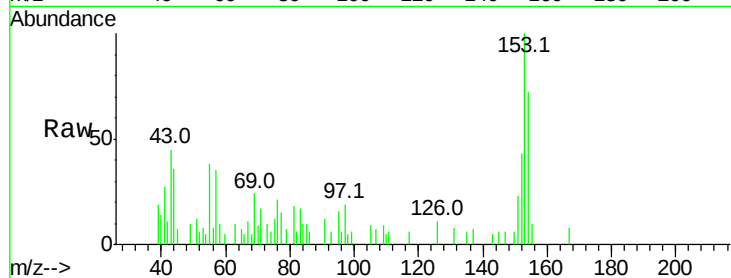
Tot Ion:154 Resp: 2993

Ion Ratio Lower Upper

154 100

153 139.3 91.2 136.8#

152 59.3 43.8 65.8



#52

3-Nitroaniline

Concen: 0.019 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

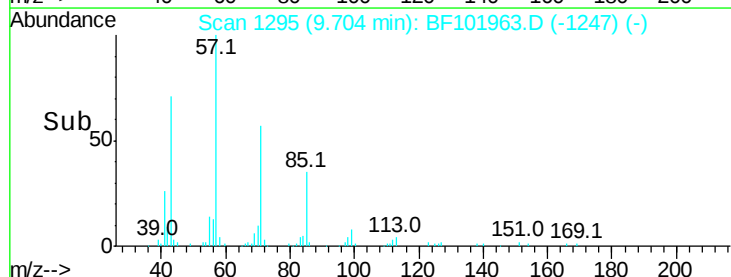
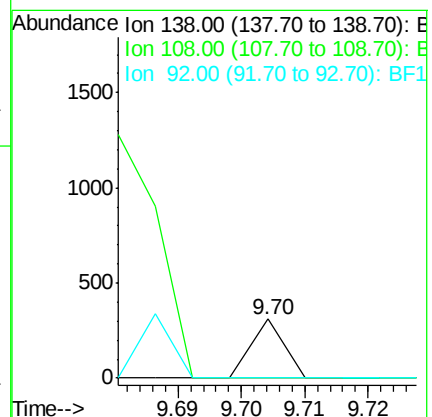
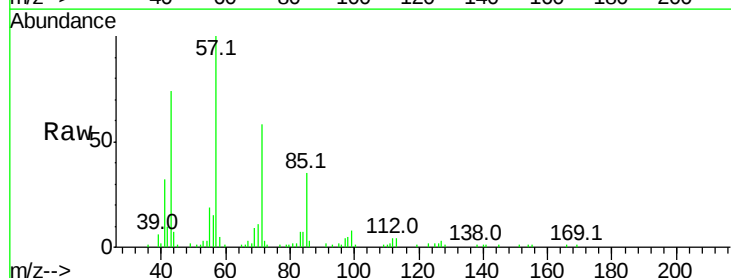
Tgt Ion:138 Resp: 109

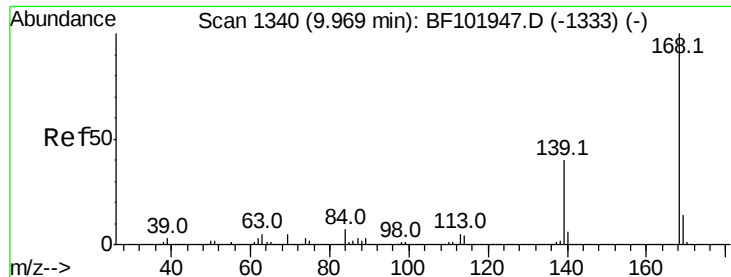
Ion Ratio Lower Upper

138 100

108 0.0 9.4 14.0#

92 0.0 89.4 134.2#

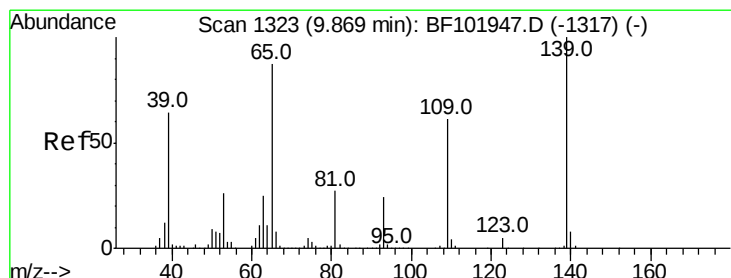
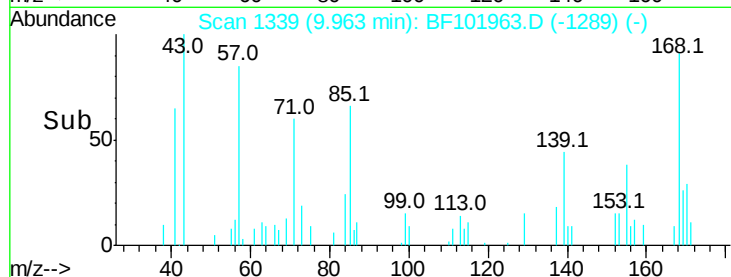
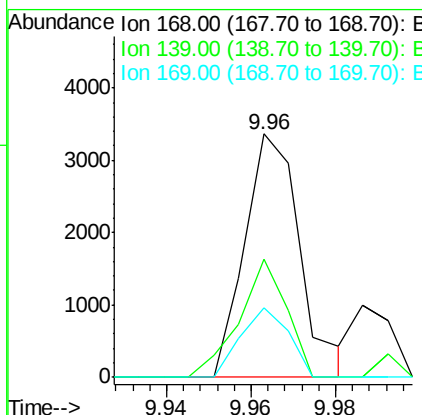
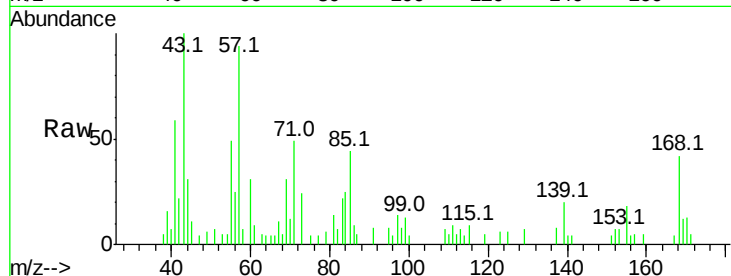




#54
Dibenzofuran
Concen: 0.118 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF101963.D
Acq: 9 Jan 2018 20:11

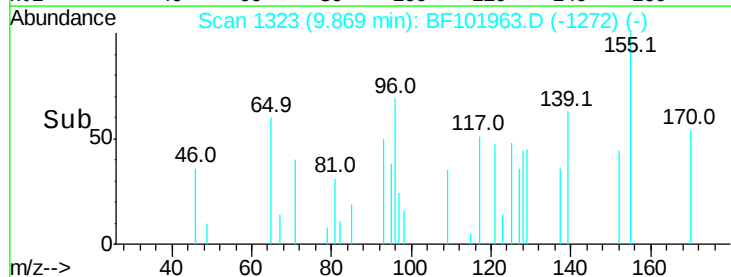
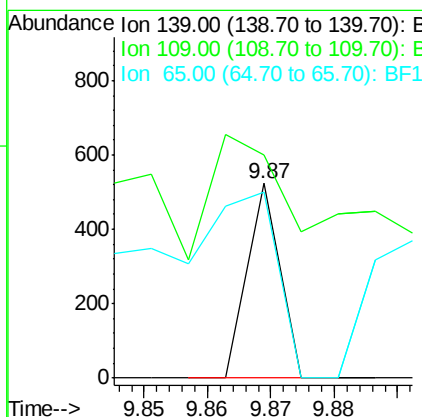
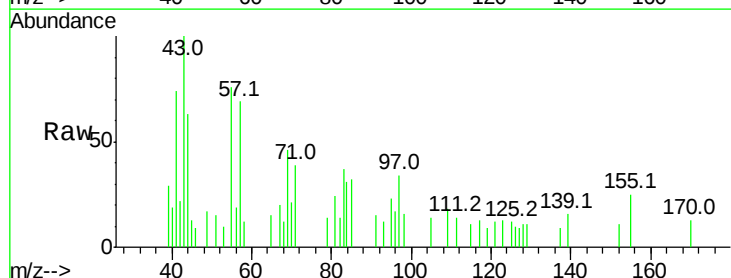
Instrument :
BNA_F
ClientSampleId :

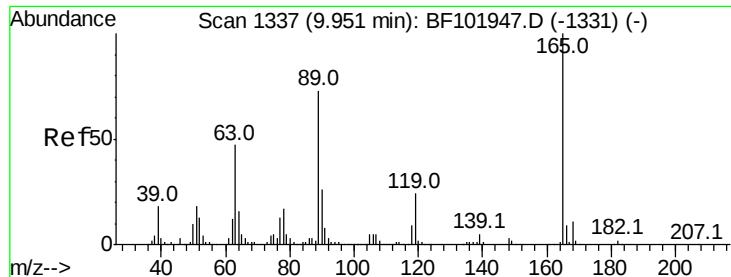
Tot Ion:168 Resp: 3062
Ion Ratio Lower Upper
168 100
139 48.7 30.1 45.1#
169 28.6 10.9 16.3#



#55
4-Nitrophenol
Concen: 0.043 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF101963.D
Acq: 9 Jan 2018 20:11

Tgt Ion:139 Resp: 185
Ion Ratio Lower Upper
139 100
109 114.7 48.4 88.4#
65 95.8 72.6 112.6

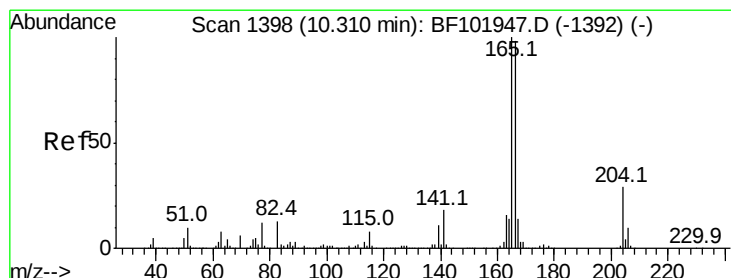
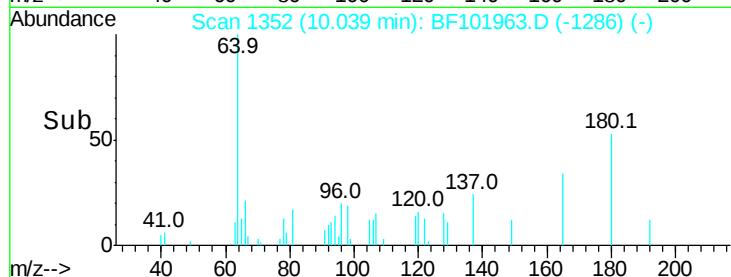
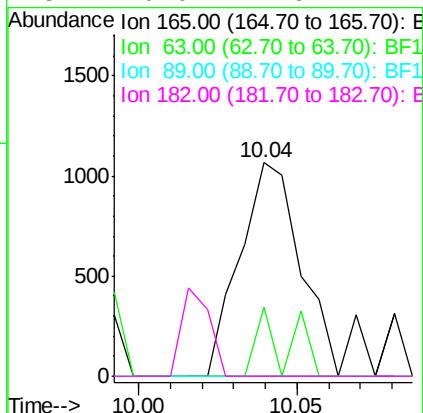
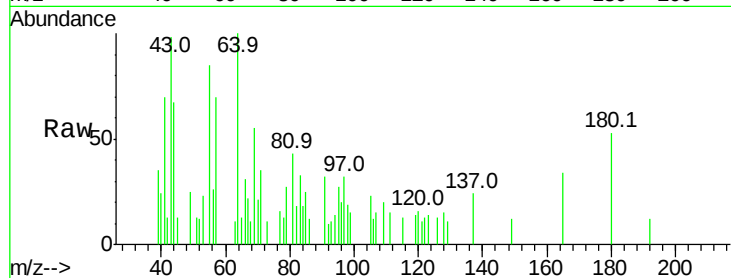




#56
2,4-Dinitrotoluene
Concen: 0.247 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.09 min
Lab File: BF101963.D
Acq: 9 Jan 2018 20:11

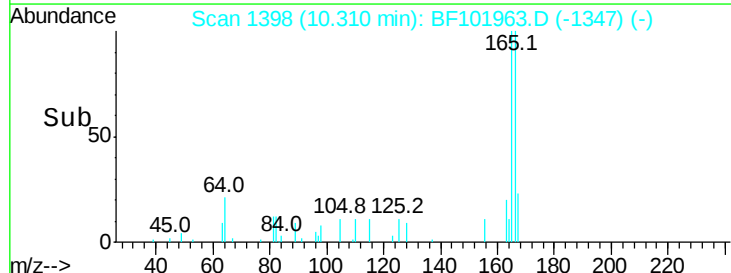
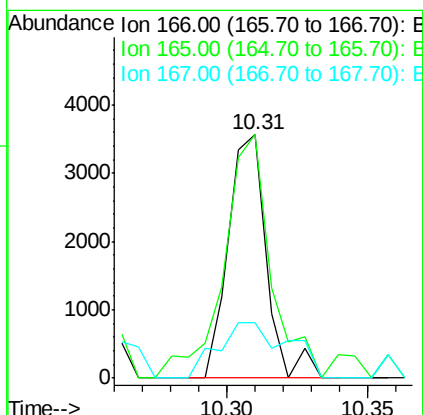
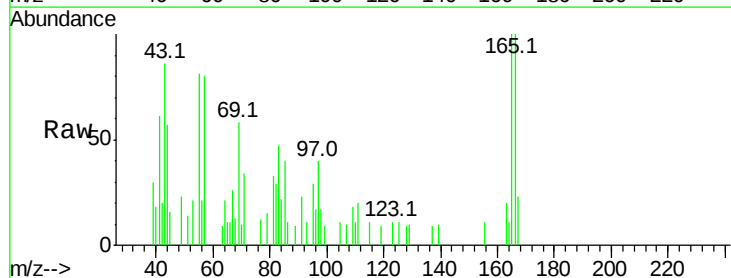
Instrument :
BNA_F
ClientSampleId :

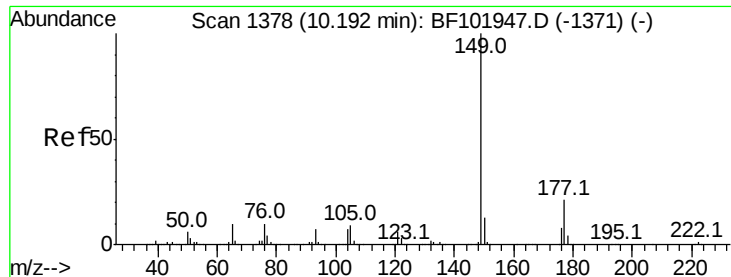
Tot Ion:165 Resp: 1416
Ion Ratio Lower Upper
165 100
63 32.3 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#



#57
Fluorene
Concen: 0.187 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF101963.D
Acq: 9 Jan 2018 20:11

Tgt Ion:166 Resp: 3345
Ion Ratio Lower Upper
166 100
165 100.1 79.8 119.8
167 22.6 10.6 16.0#

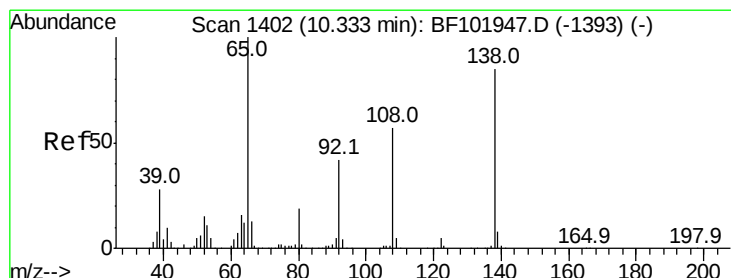
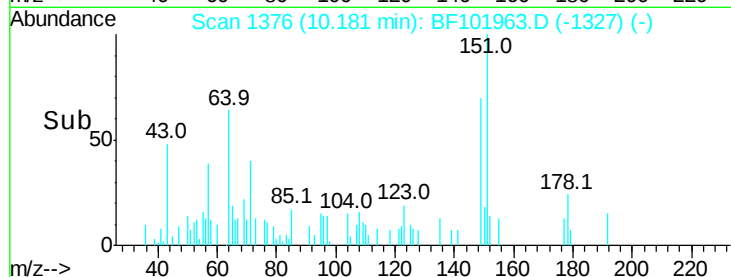
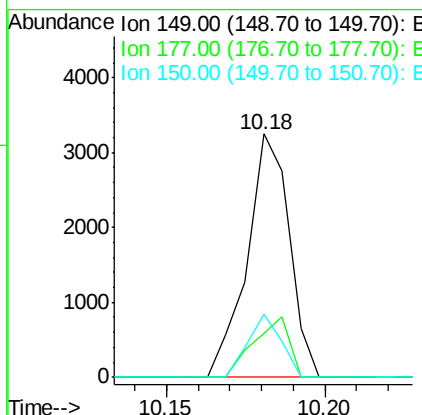
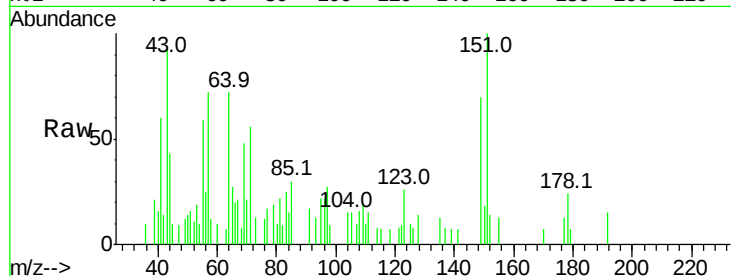




#59
Diethylphthalate
Concen: 0.132 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF101963.D
Acq: 9 Jan 2018 20:11

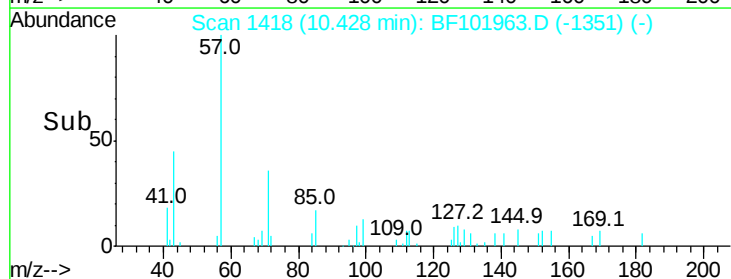
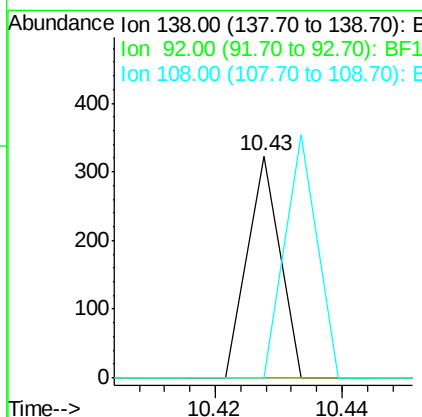
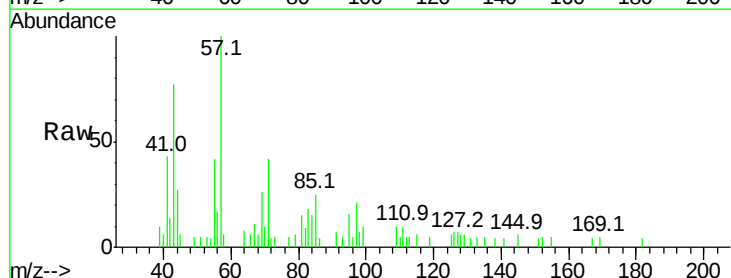
Instrument :
BNA_F
ClientSampled :

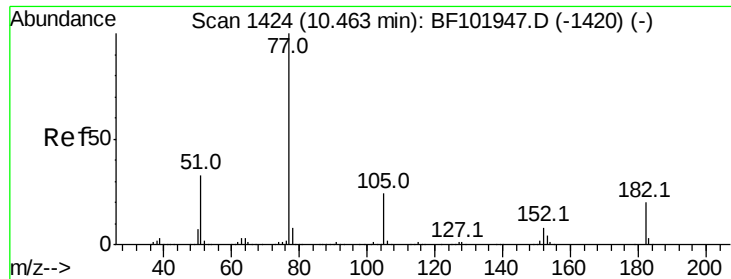
Tot Ion:149 Resp: 3001
Ion Ratio Lower Upper
149 100
177 18.3 16.1 24.1
150 26.1 10.1 15.1#



#61
4-Nitroaniline
Concen: 0.021 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.09 min
Lab File: BF101963.D
Acq: 9 Jan 2018 20:11

Tgt Ion:138 Resp: 114
Ion Ratio Lower Upper
138 100
92 0.0 30.2 70.2#
108 0.0 52.5 92.5#





#62

Azobenzene

Concen: 0.021 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 486

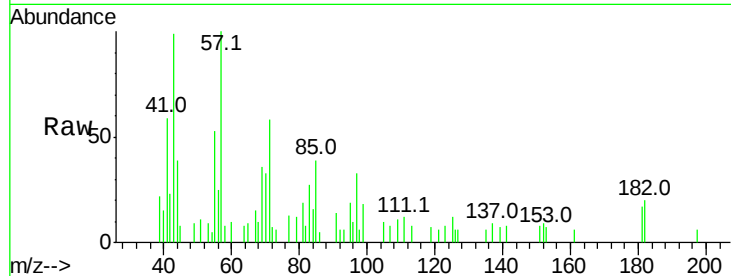
Ion Ratio Lower Upper

77 100

182 155.2 1.7 41.7#

105 77.4 3.0 43.0#

51 85.7 9.9 49.9#

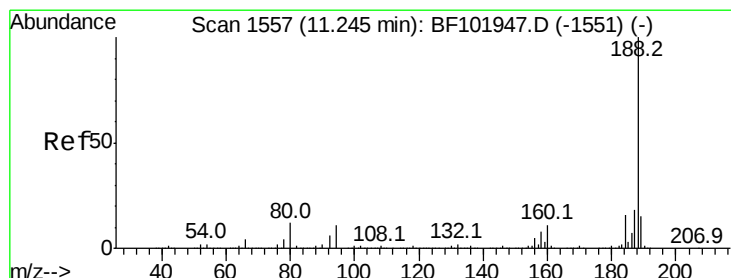
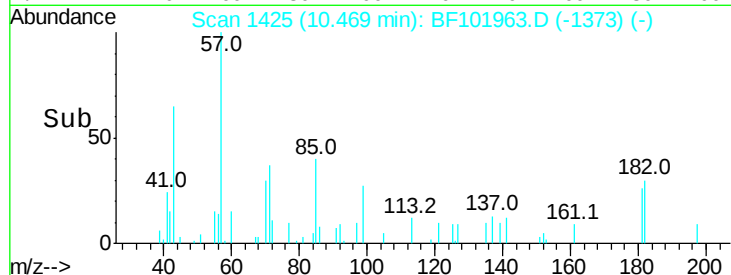
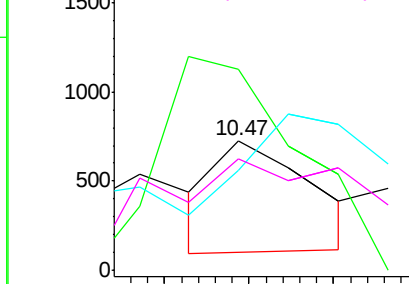


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

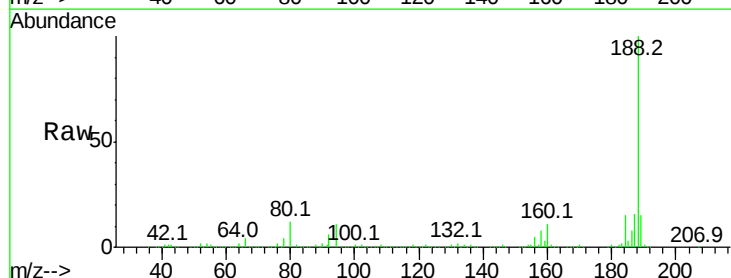
Tgt Ion: 188 Resp: 419965

Ion Ratio Lower Upper

188 100

94 11.3 8.5 12.7

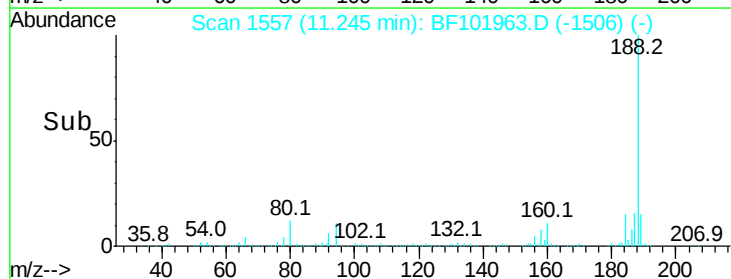
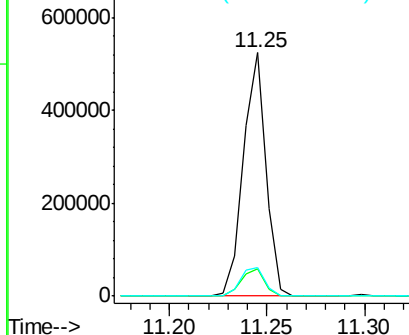
80 11.7 9.2 13.8

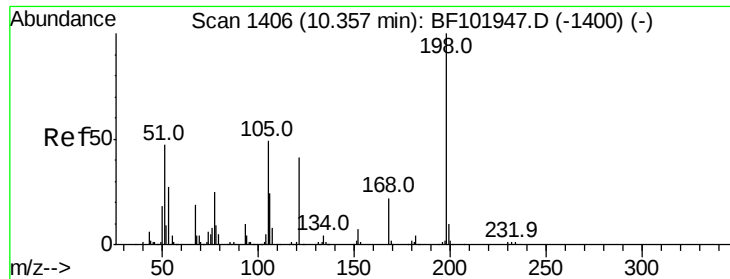


Abundance Ion 188.00 (187.70 to 188.70): E

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: 5.851 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.19 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

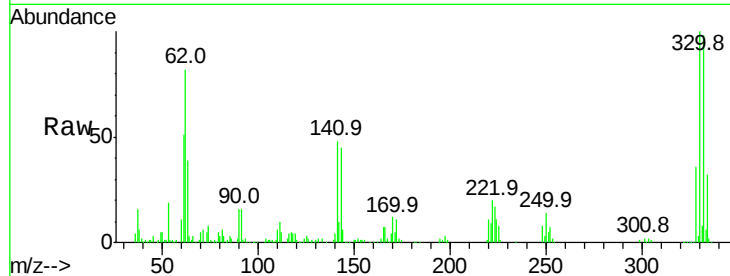
Tot Ion:198 Resp: 487

Ion Ratio Lower Upper

198 100

51 355.1 37.7 77.7#

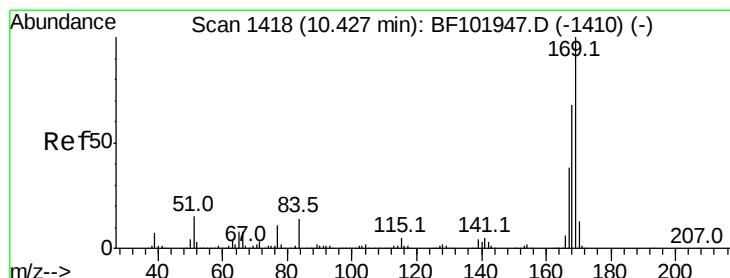
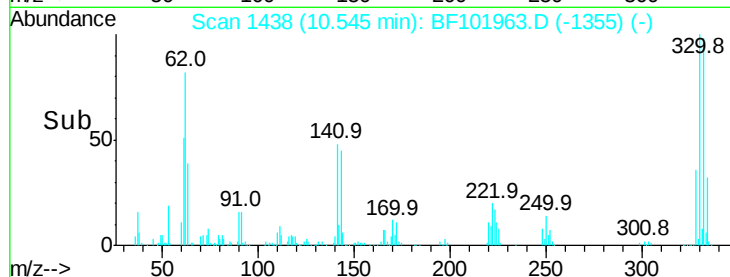
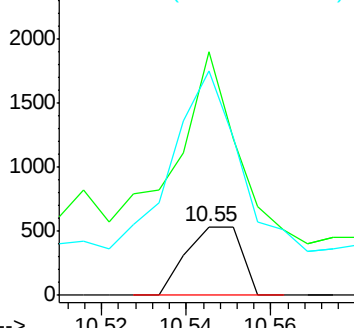
105 327.7 36.3 76.3#



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: 0.042 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

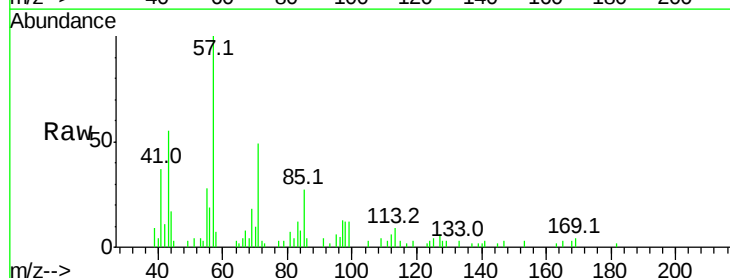
Tgt Ion:169 Resp: 654

Ion Ratio Lower Upper

169 100

168 66.0 54.4 81.6

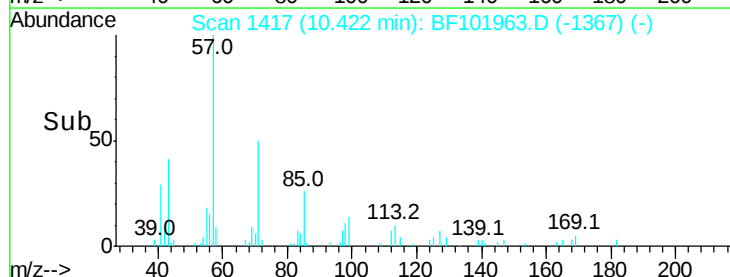
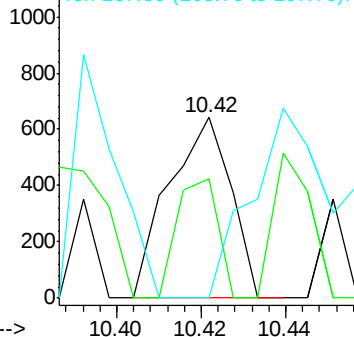
167 0.0 29.8 44.6#

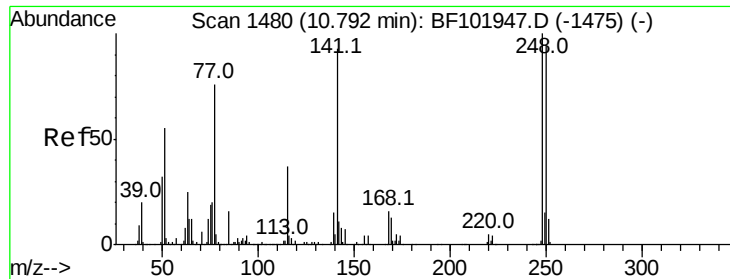


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

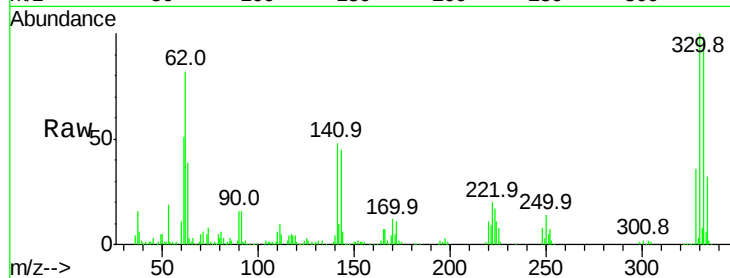




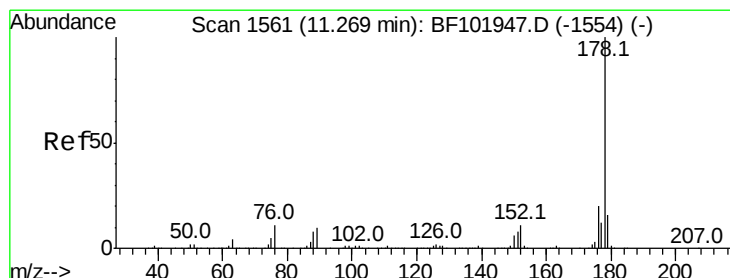
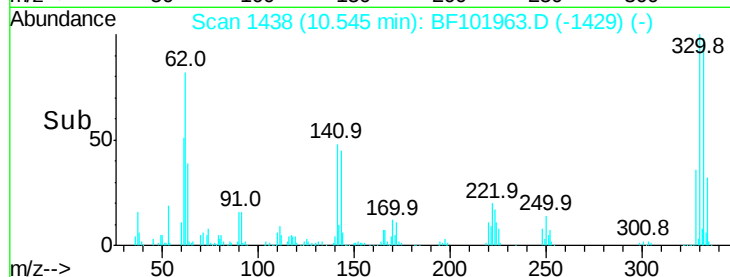
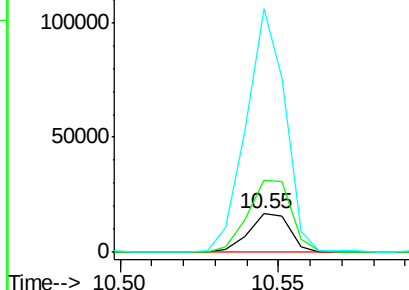
#66
4-Bromophenyl-phenylether
Concen: 3.441 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF101963.D
Acq: 9 Jan 2018 20:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 15263
Ion Ratio Lower Upper
248 100
250 187.9 76.9 115.3#
141 631.6 74.4 111.6#

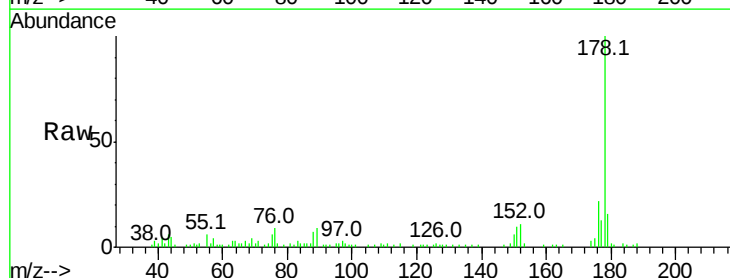


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

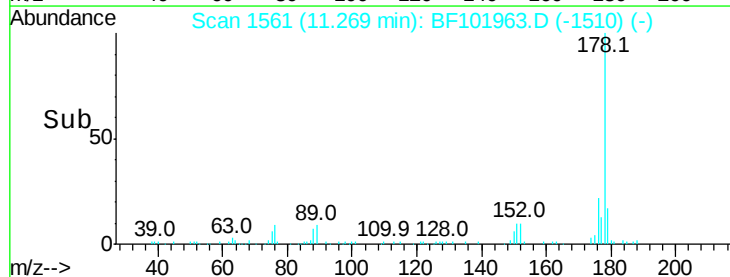
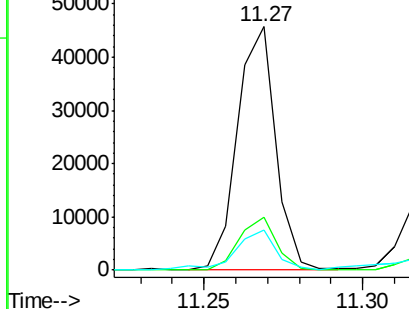


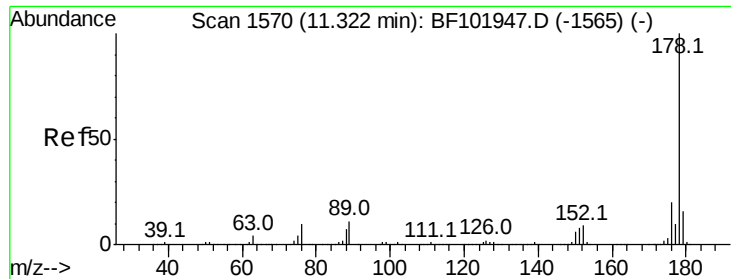
#70
Phenanthrene
Concen: 1.562 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF101963.D
Acq: 9 Jan 2018 20:11

Tgt Ion:178 Resp: 38311
Ion Ratio Lower Upper
178 100
176 21.9 15.8 23.8
179 16.4 13.0 19.6



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





#71

Anthracene

Concen: 0.416 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

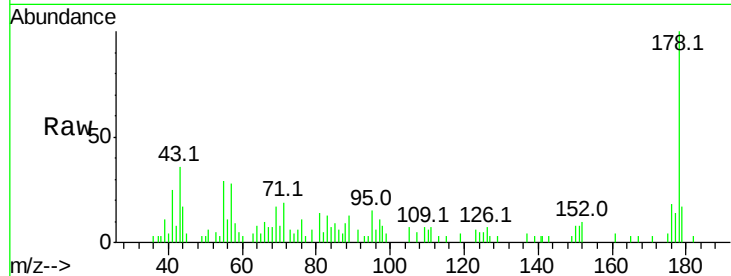
Instrument :

BNA_F

ClientSampled :

Tot Ion:178 Resp: 10360

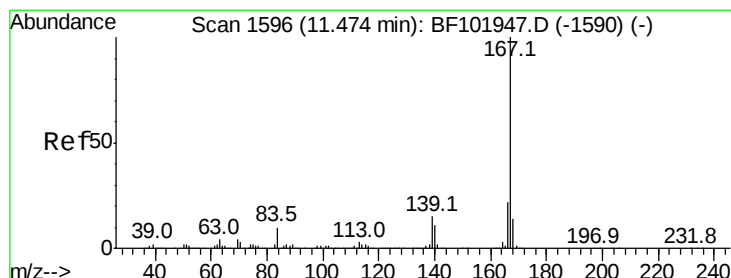
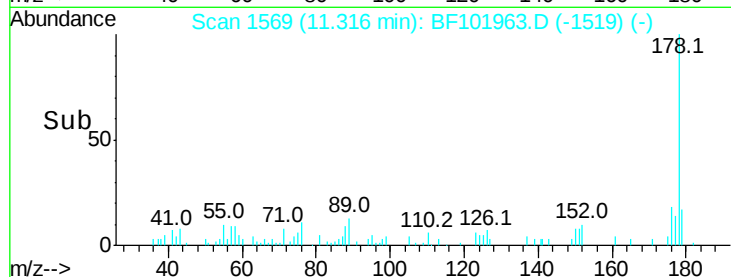
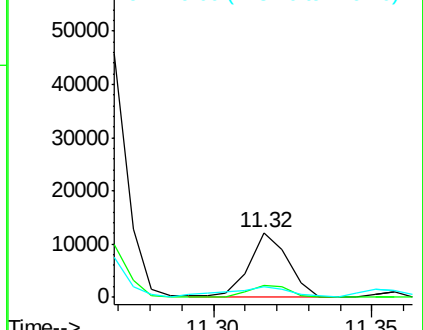
Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	16.9	12.6	19.0



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: 0.170 ng

RT: 11.47 min Scan# 1596

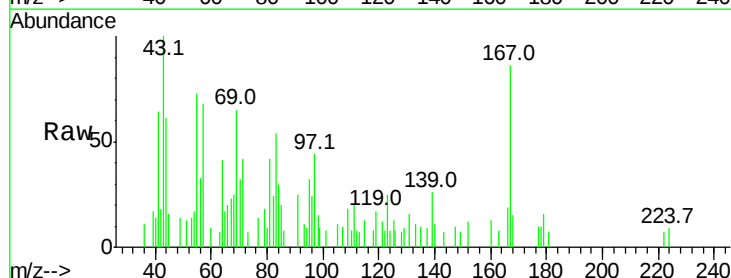
Delta R.T. 0.00 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

Tgt Ion:167 Resp: 4149

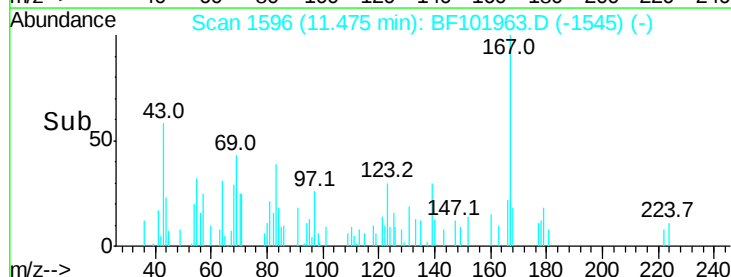
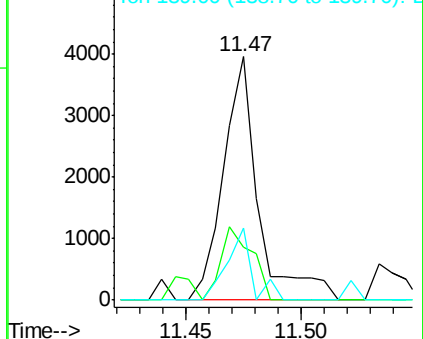
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	29.8	10.9	16.3

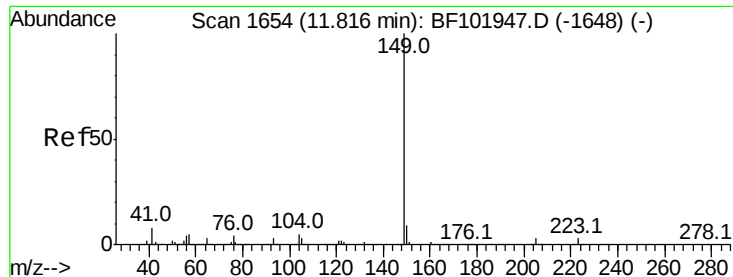


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.111 ng

RT: 11.81 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

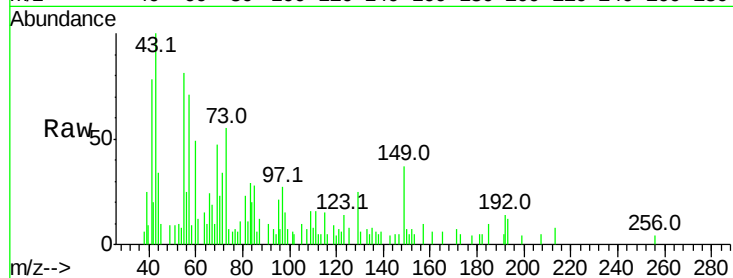
Tot Ion:149 Resp: 3323

Ion Ratio Lower Upper

149 100

150 18.7 7.8 11.6#

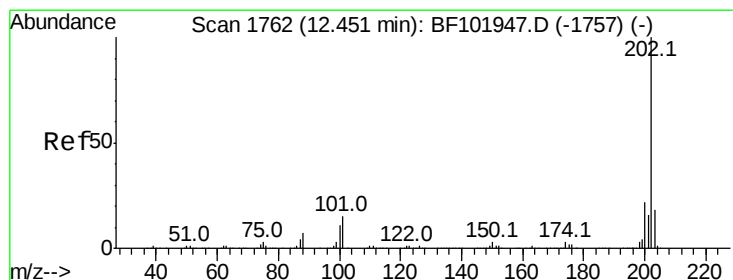
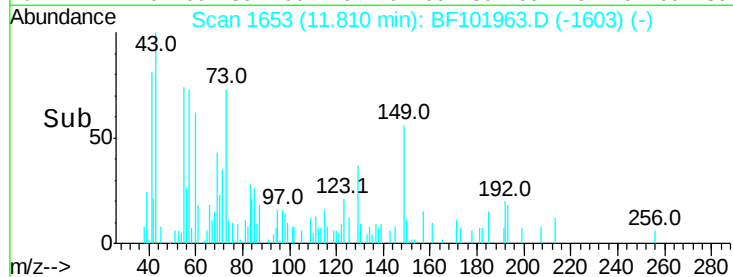
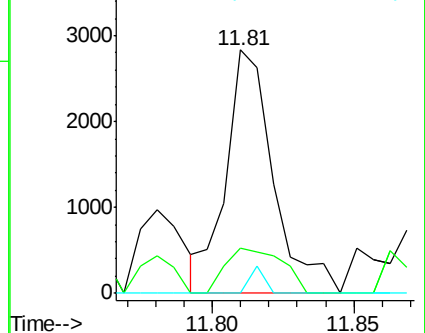
104 0.0 3.8 5.8#



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: 3.150 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

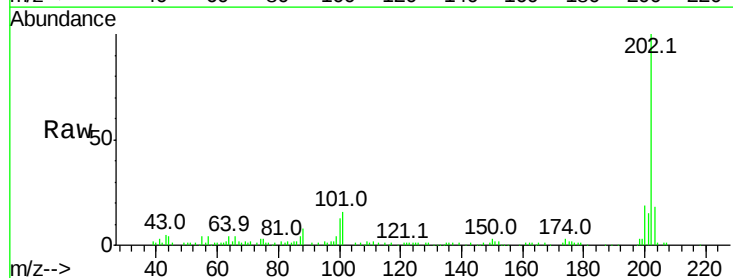
Tgt Ion:202 Resp: 76018

Ion Ratio Lower Upper

202 100

101 15.7 0.0 34.1

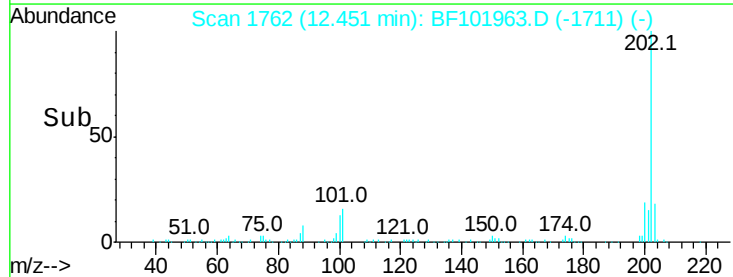
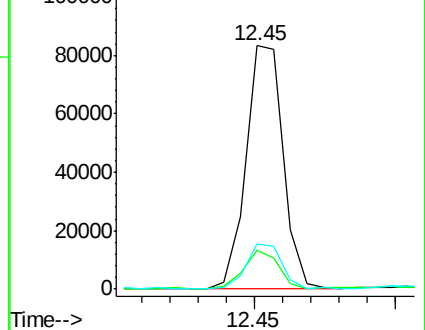
203 18.4 0.0 38.1

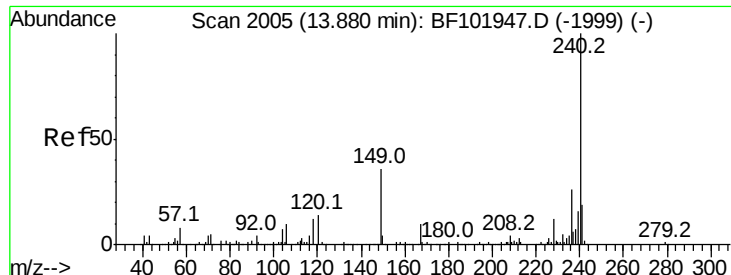


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

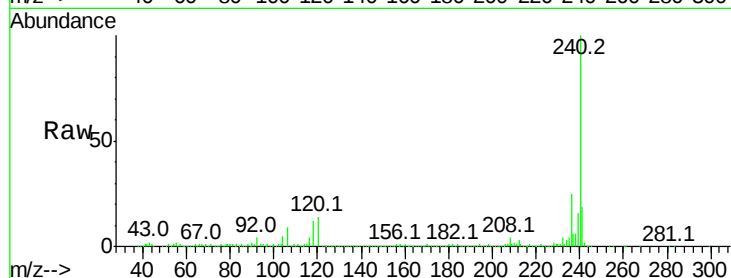
Tot Ion:240 Resp: 406892

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

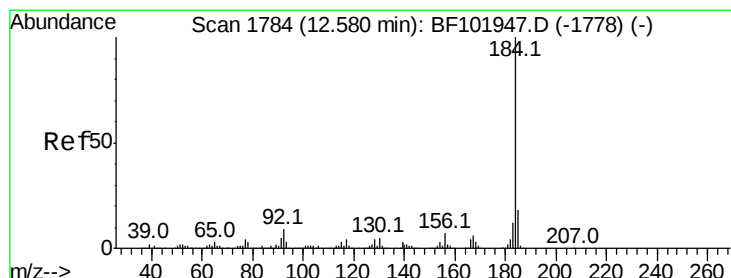
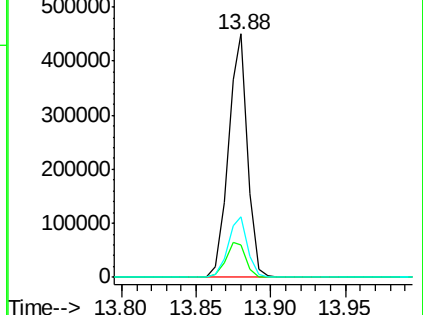
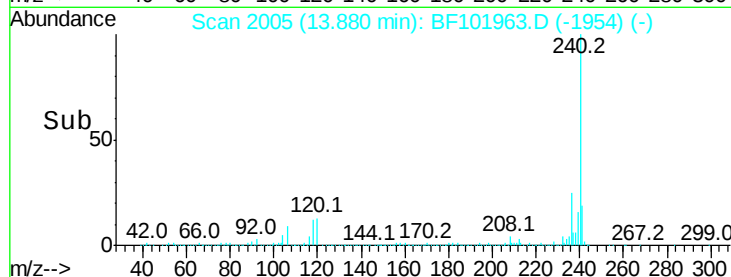
236 25.0 20.7 31.1



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: 0.664 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.25 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

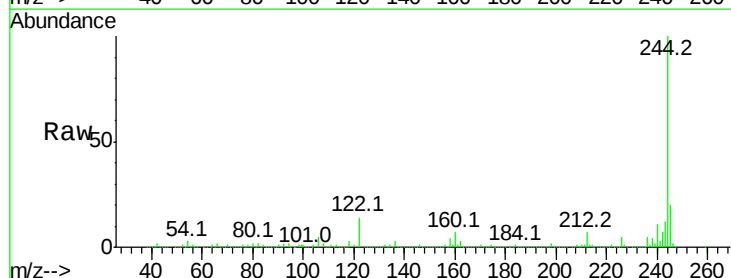
Tgt Ion:184 Resp: 13046

Ion Ratio Lower Upper

184 100

185 18.2 12.6 18.8

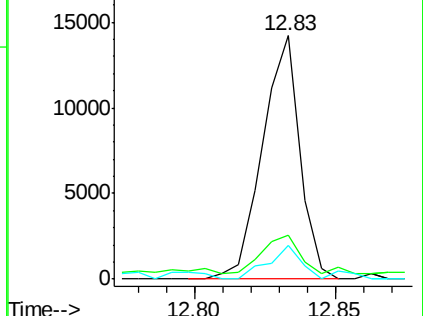
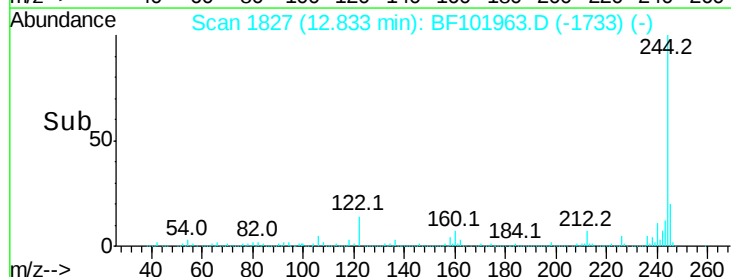
183 14.0 9.3 13.9#

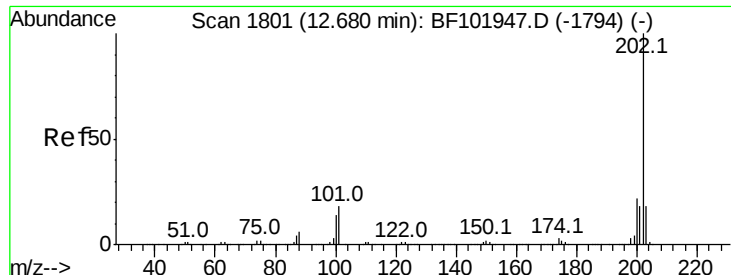


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

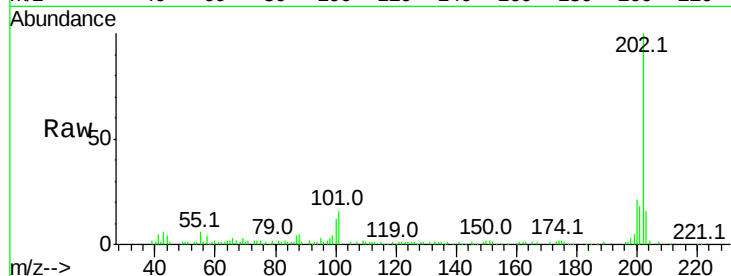




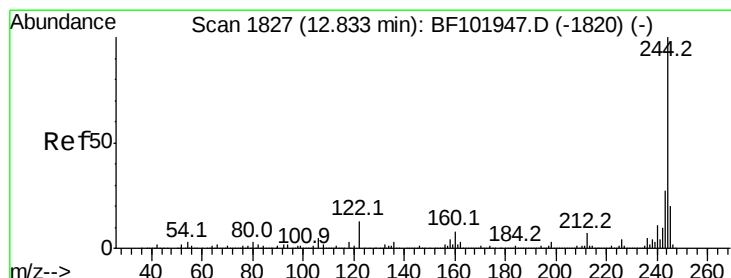
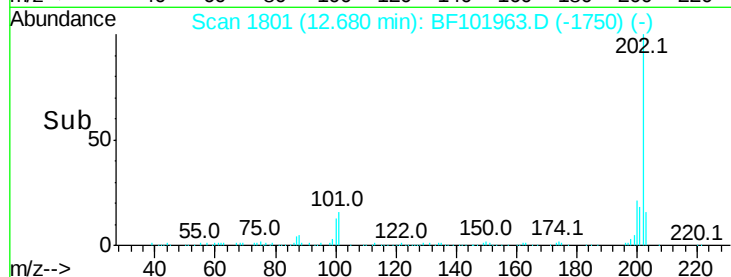
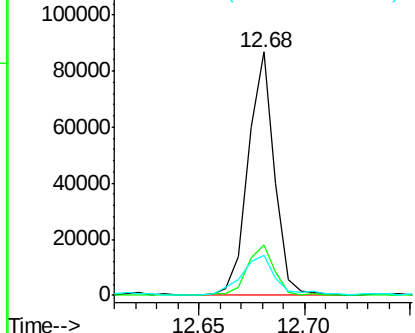
#77
Pvrene
Concen: 2.085 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF101963.D
Acq: 9 Jan 2018 20:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 75000
Ion Ratio Lower Upper
202 100
200 20.9 17.4 26.2
203 16.4 14.3 21.5

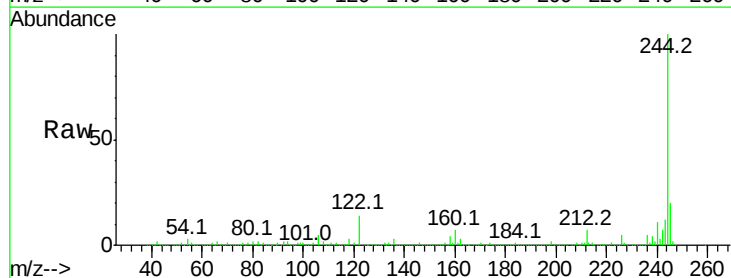


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

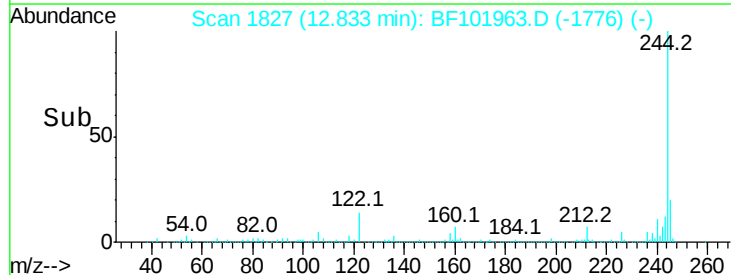
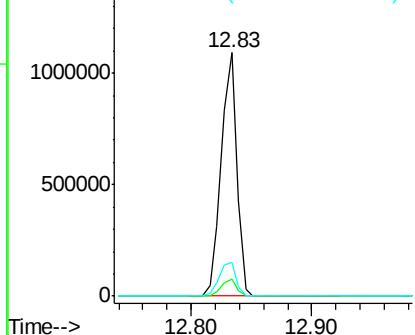


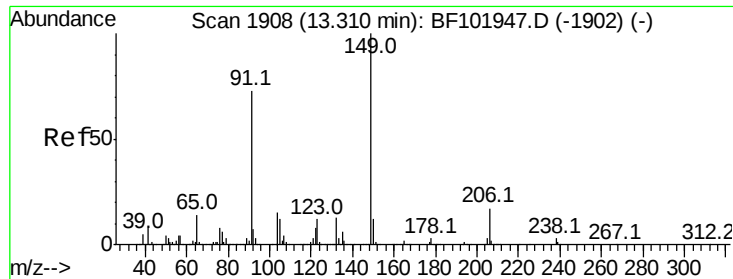
#78
Terphenyl-d14
Concen: 49.632 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF101963.D
Acq: 9 Jan 2018 20:11

Tgt Ion:244 Resp: 972656
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 13.9 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

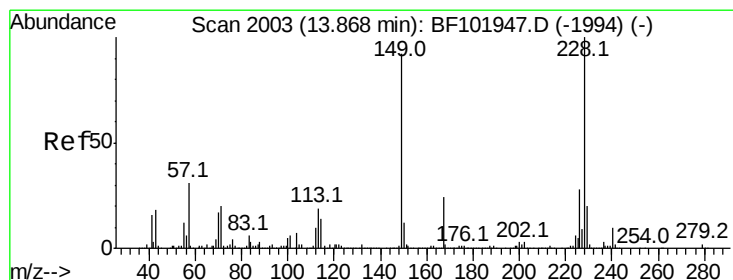
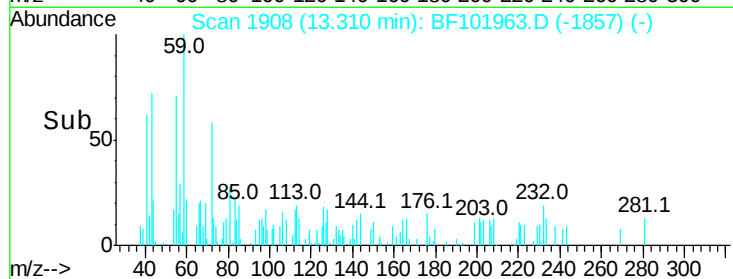
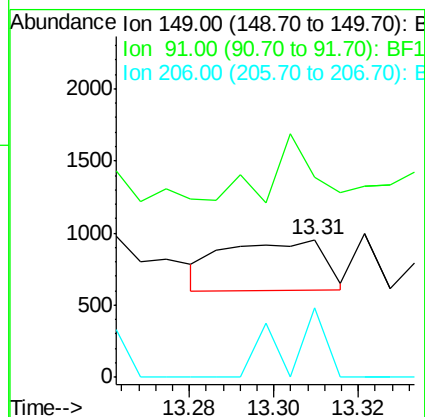
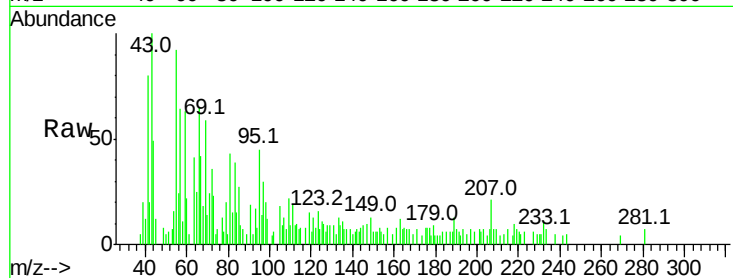




#79
Butylbenzylphthalate
Concen: 0.034 ng
RT: 13.31 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BF101963.D
Acq: 9 Jan 2018 20:11

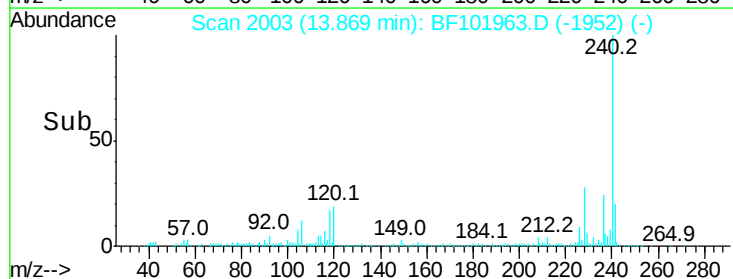
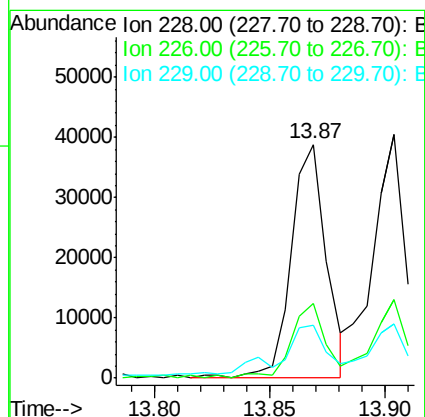
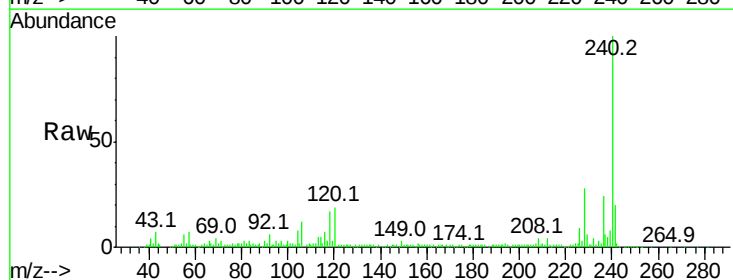
Instrument :
BNA_F
ClientSampled :

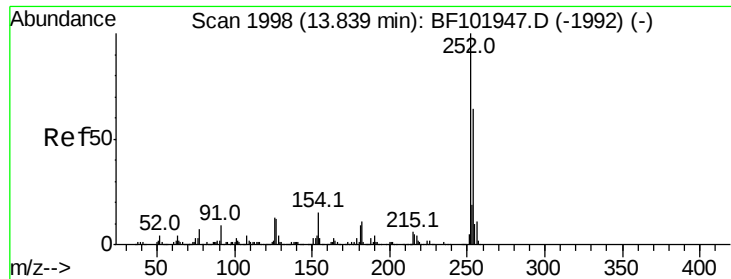
Tot Ion:149 Resp: 568
Ion Ratio Lower Upper
149 100
91 145.5 56.8 85.2#
206 50.5 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 1.572 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF101963.D
Acq: 9 Jan 2018 20:11

Tgt Ion:228 Resp: 40819
Ion Ratio Lower Upper
228 100
226 31.9 22.6 33.8
229 22.8 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 0.013 ng

RT: 13.85 min Scan# 1999

Delta R.T. 0.01 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

Instrument :

BNA_F

ClientSampled :

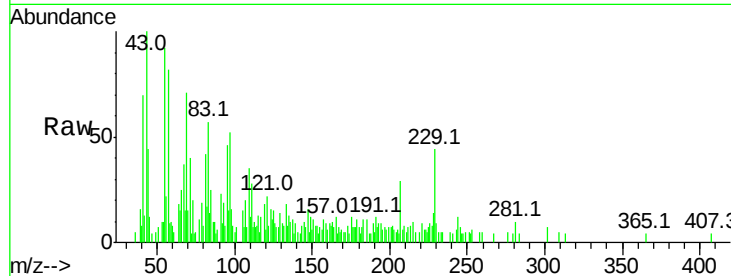
Tot Ion:252 Resp: 122

Ion Ratio Lower Upper

252 100

254 0.0 50.4 75.6#

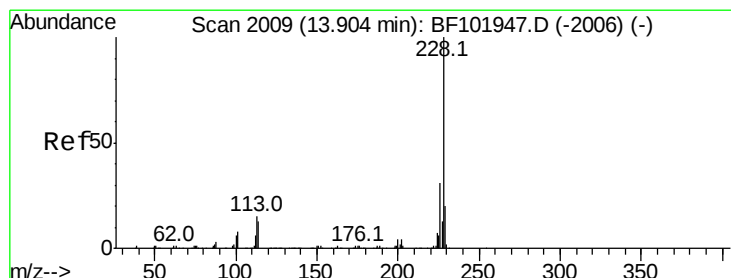
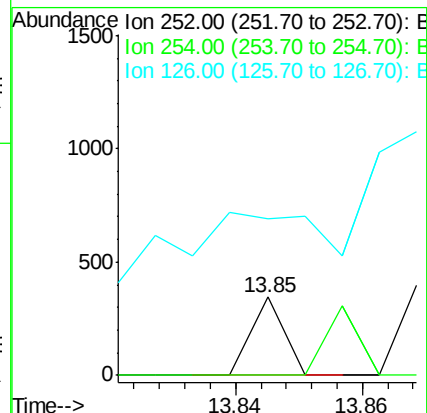
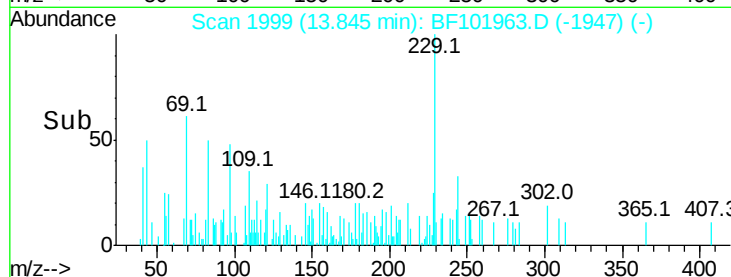
126 199.7 11.3 16.9#



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: 1.482 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

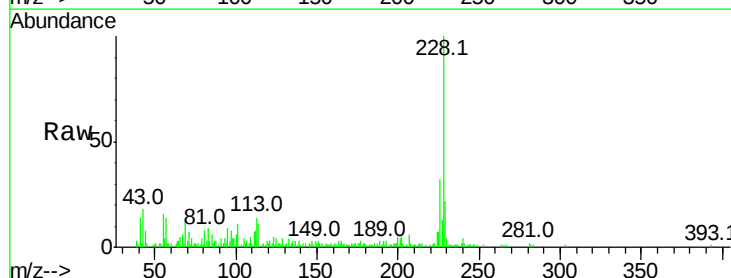
Tgt Ion:228 Resp: 40126

Ion Ratio Lower Upper

228 100

226 32.0 25.0 37.6

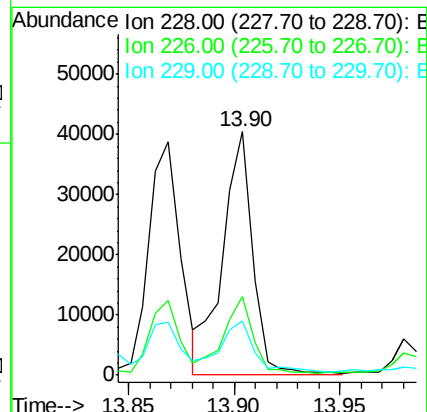
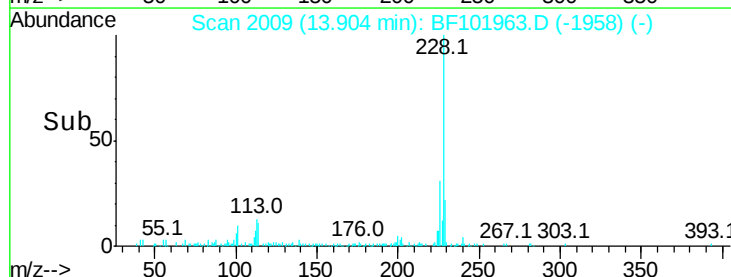
229 22.3 16.2 24.4

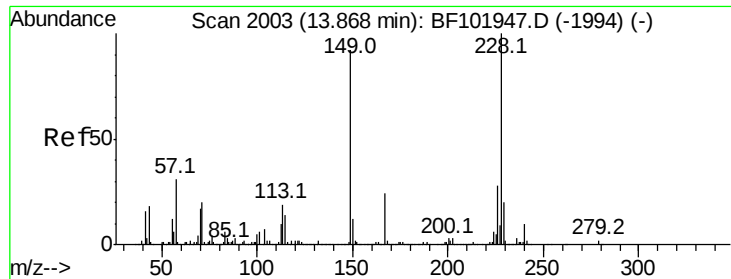


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

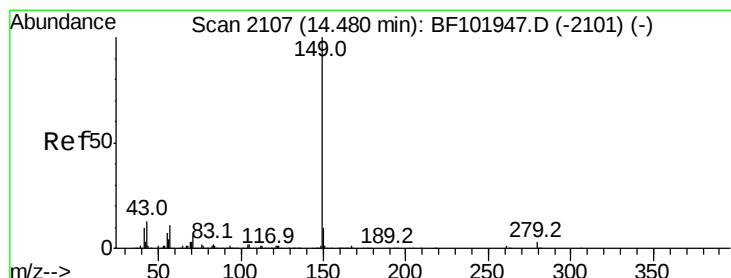
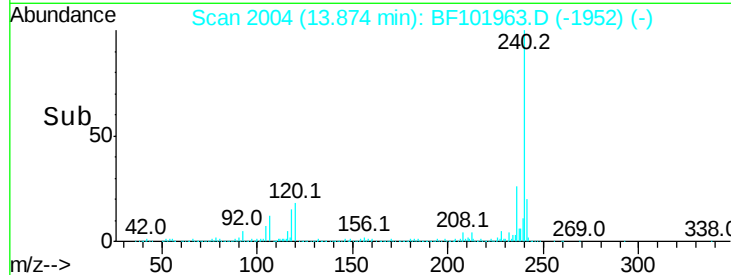
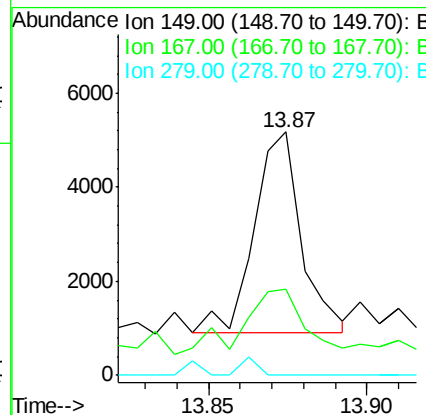
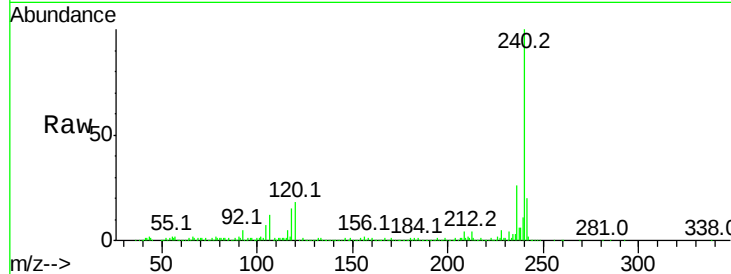




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.234 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.01 min
 Lab File: BF101963.D
 Acq: 9 Jan 2018 20:11

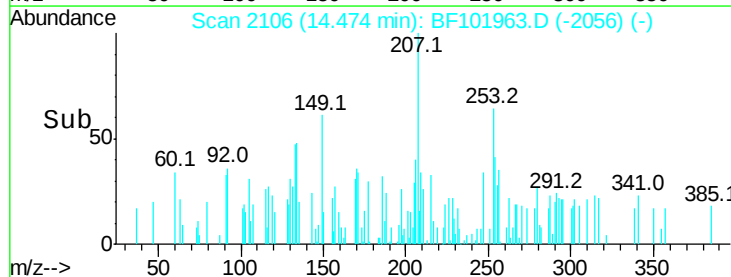
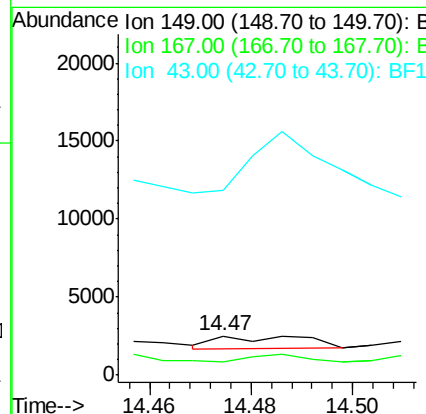
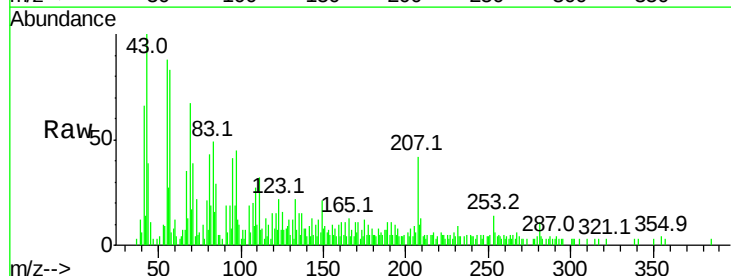
Instrument :
 BNA_F
 ClientSampleId :

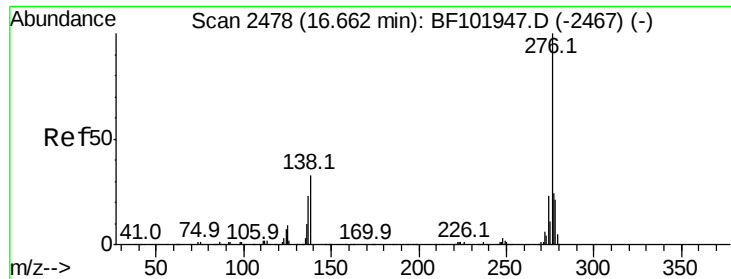
Tot Ion:149 Resp: 4434
 Ion Ratio Lower Upper
 149 100
 167 35.6 21.3 31.9#
 279 0.0 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 0.032 ng
 RT: 14.47 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BF101963.D
 Acq: 9 Jan 2018 20:11

Tgt Ion:149 Resp: 1020
 Ion Ratio Lower Upper
 149 100
 167 48.1 1.2 1.8#
 43 0.0 8.4 12.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 1.033 ng

RT: 16.67 min Scan# 2479

Delta R.T. 0.01 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

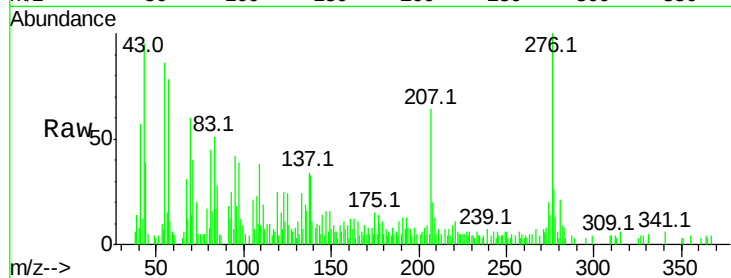
Tot Ion:276 Resp: 20354

Ion Ratio Lower Upper

276 100

138 26.1 25.0 37.6

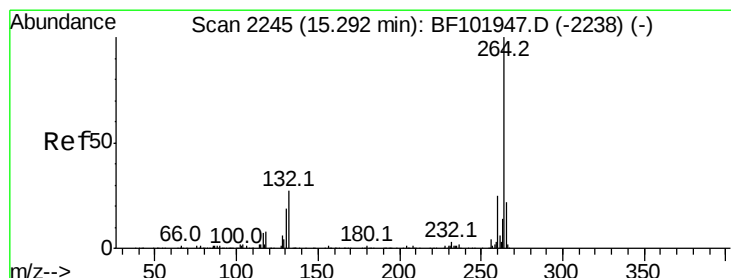
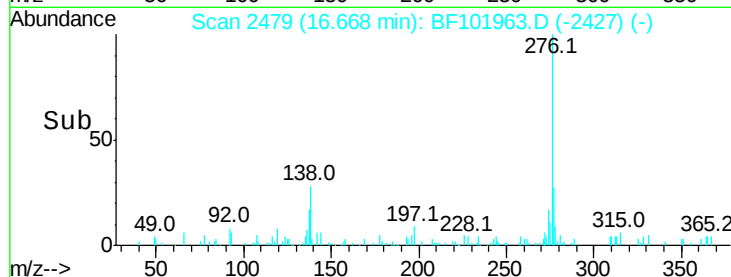
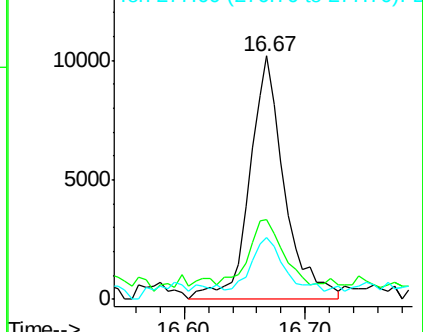
277 19.4 20.1 30.1#



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: BF101963.D

Acq: 9 Jan 2018 20:11

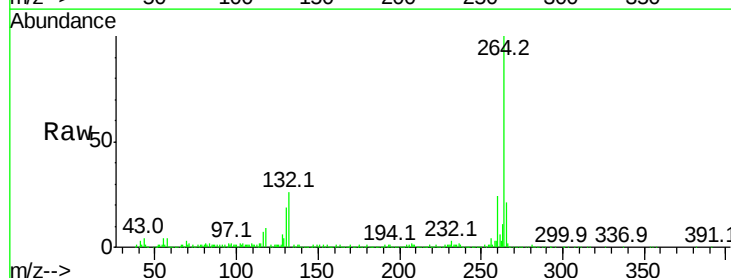
Tgt Ion:264 Resp: 291066

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

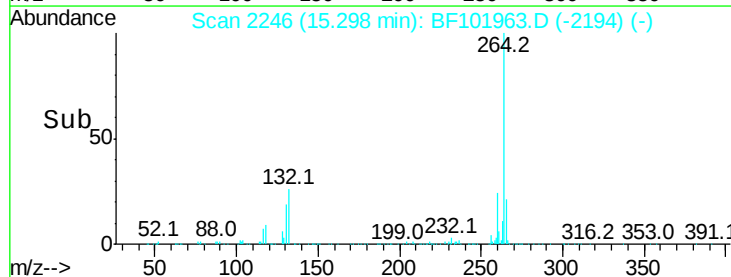
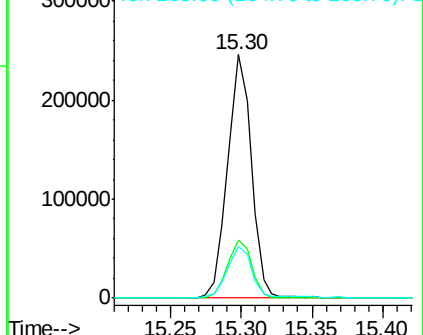
265 21.0 17.5 26.3

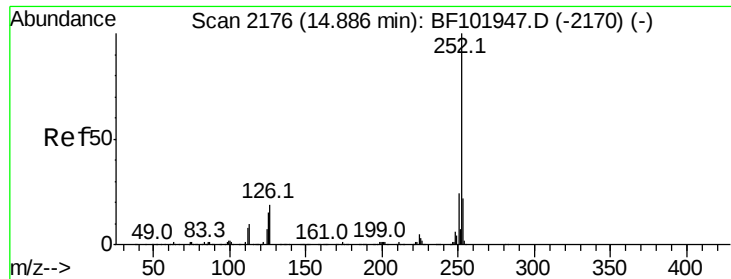


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 3.396 ng

RT: 14.89 min Scan# 2177

Delta R.T. 0.01 min

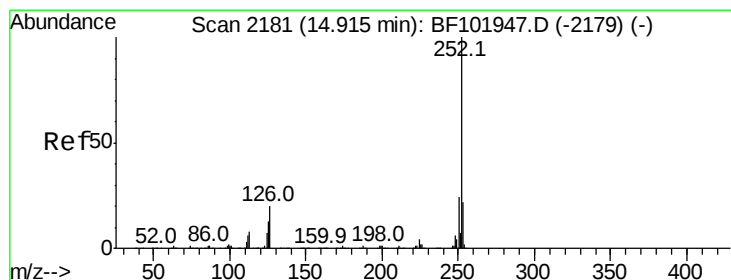
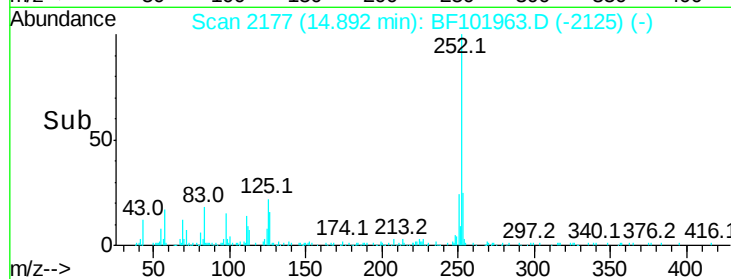
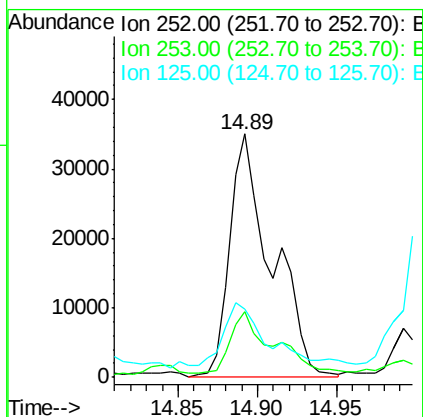
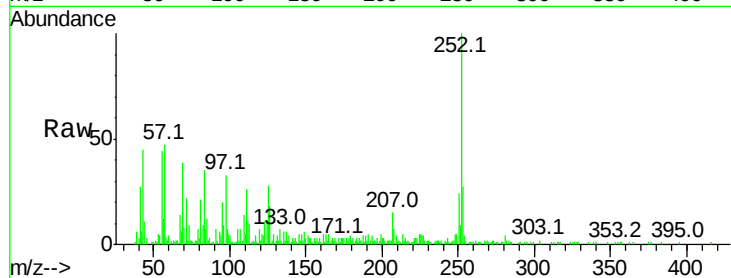
Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 64446

Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.0	25.6#
125	28.1	9.0	13.6#



#88

Benzo(k)fluoranthene

Concen: 3.520 ng

RT: 14.89 min Scan# 2177

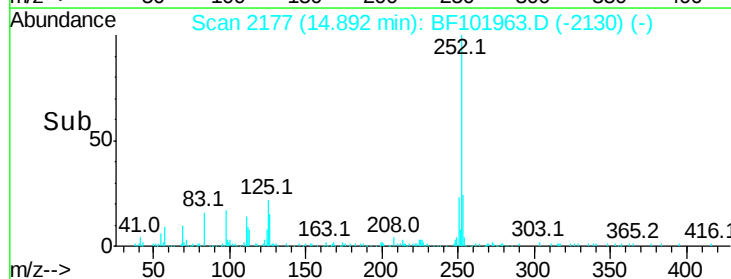
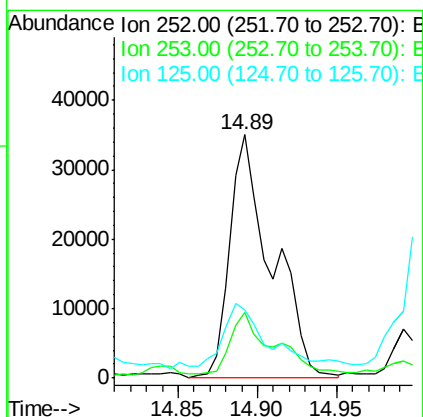
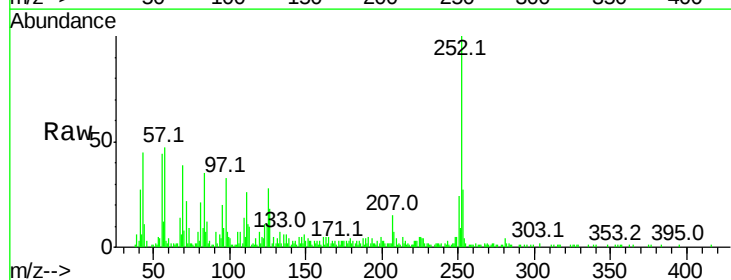
Delta R.T. -0.02 min

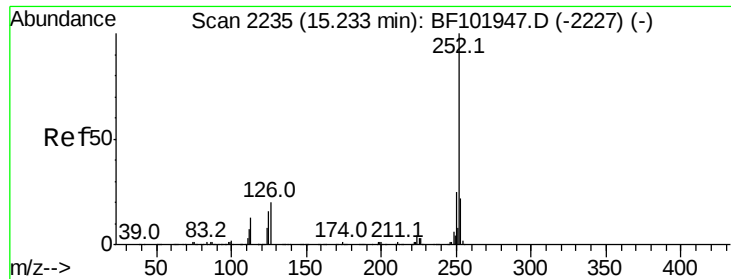
Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

Tgt Ion:252 Resp: 64446

Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.9	26.9
125	28.1	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 1.715 ng

RT: 15.23 min Scan# 2235

Delta R.T. 0.00 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

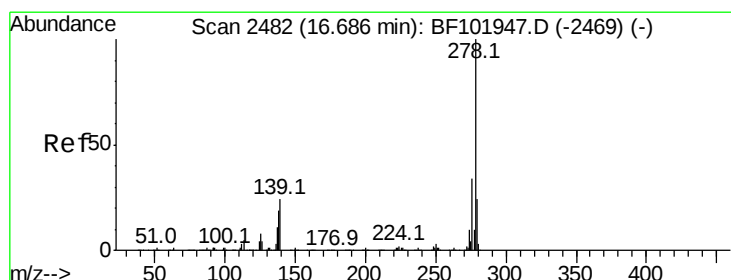
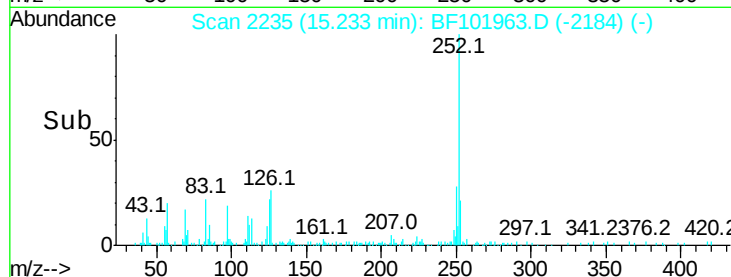
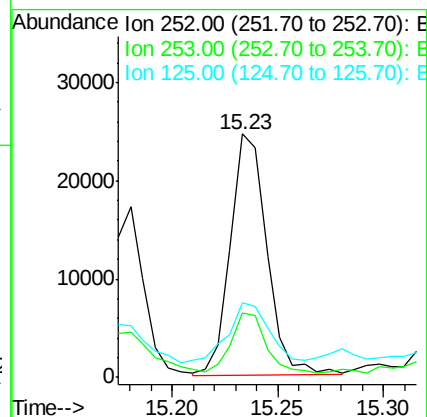
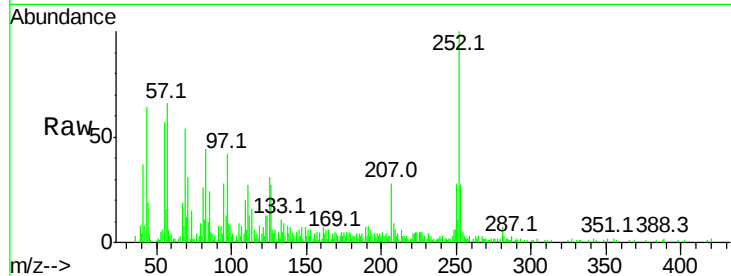
Tot Ion:252 Resp: 29282

Ion Ratio Lower Upper

252 100

253 26.6 17.1 25.7#

125 30.5 9.8 14.6#



#90

Dibenzo(a,h)anthracene

Concen: 0.471 ng

RT: 16.69 min Scan# 2482

Delta R.T. 0.00 min

Lab File: BF101963.D

Acq: 9 Jan 2018 20:11

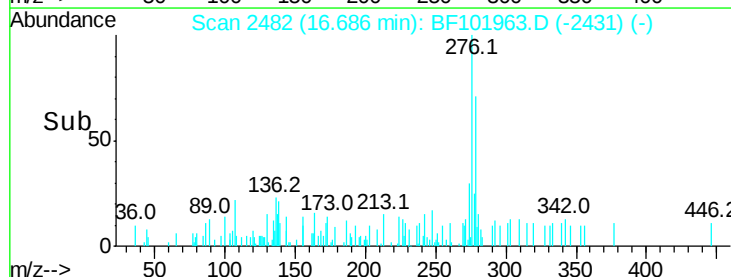
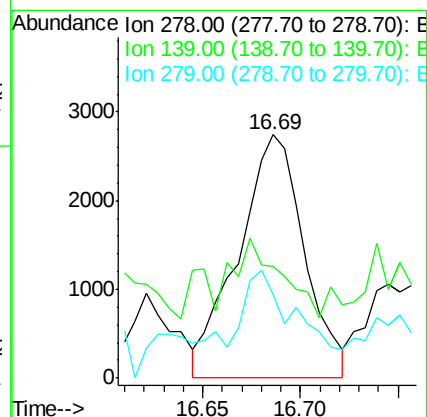
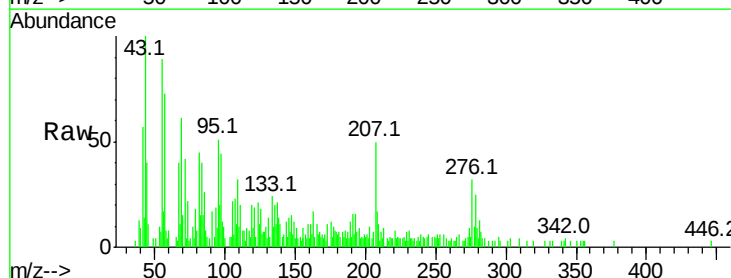
Tgt Ion:278 Resp: 6420

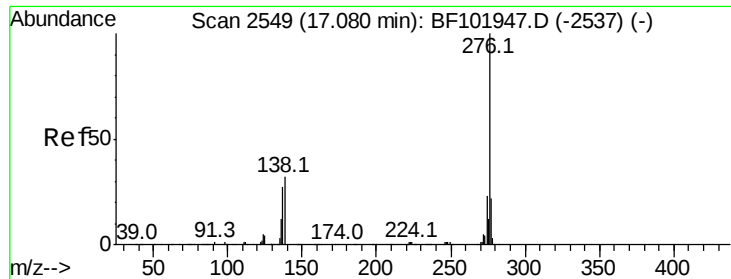
Ion Ratio Lower Upper

278 100

139 45.8 15.9 23.9#

279 34.3 19.0 28.4#





#91
 Benzo(a,h,i)perylene
 Concen: 1.242 ng
 RT: 17.08 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: BF101963.D
 Acq: 9 Jan 2018 20:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 17054
 Ion Ratio Lower Upper
 276 100
 277 24.6 17.9 26.9
 138 50.5 21.8 32.8#

