

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
 Data File : BF101962.D
 Acq On : 9 Jan 2018 19:44
 Operator : SJ/JU
 Sample : J1043-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 10 00:02:03 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	230816	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	837804	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	290980	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	426729	20.00	ng	0.00
75) Chrysene-d12	13.88	240	428722	20.00	ng	0.00
86) Perylene-d12	15.30	264	302512	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	1650833	100.99	ng	0.02
7) Phenol-d6	6.36	99	1927526	98.84	ng	0.01
23) Nitrobenzene-d5	7.29	82	1163834	81.63	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	243274	95.80	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1531801	82.24	ng	0.00
78) Terphenyl-d14	12.83	244	1150577	55.72	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.39	88	1033	0.127	ng	# 20
3) Pyridine	3.09	79	126	0.006	ng	# 1
4) n-Nitrosodimethylamine	3.05	42	288	0.031	ng	# 1
6) Aniline	6.37	93	2261	0.082	ng	# 1
8) 2-Chlorophenol	6.49	128	1162	0.071	ng	# 1
9) Benzaldehyde	6.27	77	1165	0.086	ng	84
10) Phenol	6.37	94	94603	4.292	ng	# 75
11) bis(2-Chloroethyl)ether	6.50	93	2160	0.129	ng	# 1
12) 1,3-Dichlorobenzene	6.88	146	559	0.030	ng	# 1
13) 1,4-Dichlorobenzene	6.88	146	559	0.030	ng	# 1
14) 1,2-Dichlorobenzene	6.88	146	559	0.032	ng	# 1
15) Benzyl Alcohol	6.89	79	20011	1.403	ng	# 34
16) 2,2'-oxybis(1-Chloropropan	7.00	45	512	0.017	ng	70
17) 2-Methylphenol	6.89	107	115	0.008	ng	# 1
18) Hexachloroethane	7.30	117	111	0.017	ng	# 2
19) n-Nitroso-di-n-propylamine	7.29	70	158243	12.382	ng	# 84
20) 3+4-Methylphenols	7.13	107	552	0.031	ng	# 65
22) Acetophenone	7.13	105	939	0.047	ng	# 31
24) Nitrobenzene	7.29	77	4064	0.265	ng	# 23
25) Isophorone	7.29	82	1161623	41.235	ng	# 64
27) 2,4-Dimethylphenol	7.79	122	137	0.011	ng	# 4
28) bis(2-Chloroethoxy)methane	8.01	93	125	0.007	ng	# 1
31) Naphthalene	8.03	128	3674	0.088	ng	# 92
32) Benzoic acid	7.79	122	137	0.015	ng	# 1
33) 4-Chloroaniline	8.03	127	322	0.018	ng	# 1
35) Caprolactam	8.44	113	185	0.047	ng	# 27
36) 4-Chloro-3-methylphenol	8.54	107	144	0.012	ng	# 20
37) 2-Methylnaphthalene	8.72	142	1639	0.059	ng	# 92
45) 1,1'-Biphenyl	9.19	154	4788	0.186	ng	98
46) 2-Chloronaphthalene	9.48	162	779	0.039	ng	# 1
47) 2-Nitroaniline	9.20	65	274	0.046	ng	# 2
48) Acenaphthylene	9.62	152	5579	0.176	ng	# 93
49) Dimethylphthalate	9.48	163	135224	5.793	ng	98
50) 2,6-Dinitrotoluene	9.48	165	1495	0.321	ng	# 9

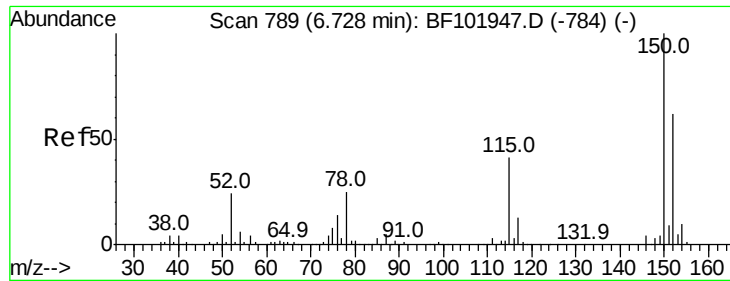
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
 Data File : BF101962.D
 Acq On : 9 Jan 2018 19:44
 Operator : SJ/JU
 Sample : J1043-02
 Misc :
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Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 10 00:02:03 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) Acenaphthene	9.79	154	2349	0.122	nq	# 83
54) Dibenzofuran	9.96	168	2027	0.077	nq	# 84
55) 4-Nitrophenol	9.82	139	144	0.033	nq	# 9
56) 2,4-Dinitrotoluene	9.76	165	38344	6.561	nq	# 23
57) Fluorene	10.30	166	2982	0.164	nq	# 88
59) Diethylphthalate	10.18	149	2837	0.122	nq	# 83
62) Azobenzene	10.47	77	1665	0.072	nq	# 5
64) 4,6-Dinitro-2-methylphenol	10.55	198	856	5.988	nq	# 4
65) n-Nitrosodiphenylamine	10.42	169	590	0.037	nq	# 57
66) 4-Bromophenyl-phenylether	10.55	248	15926	3.534	nq	# 1
70) Phenanthrene	11.27	178	38824	1.558	nq	97
71) Anthracene	11.32	178	10957	0.433	nq	97
72) Carbazole	11.47	167	4599	0.185	nq	96
73) Di-n-butylphthalate	11.82	149	5879	0.193	nq	# 90
74) Fluoranthene	12.45	202	67849	2.767	nq	98
76) Benzidine	12.83	184	15032	0.726	nq	# 95
77) Pyrene	12.68	202	76328	2.014	nq	98
79) Butylbenzylphthalate	13.30	149	576	0.033	nq	# 36
80) Benzo(a)anthracene	13.87	228	41381	1.513	nq	96
81) 3,3'-Dichlorobenzidine	13.84	252	106	0.010	nq	# 1
82) Chrysene	13.87	228	41381	1.451	nq	98
83) Bis(2-ethylhexyl)phthalate	13.87	149	4547	0.228	nq	# 76
84) Di-n-octyl phthalate	14.49	149	1339	0.040	nq	# 1
85) Indeno(1,2,3-cd)pyrene	16.67	276	12700	0.612	nq	# 87
87) Benzo(b)fluoranthene	14.89	252	49477	2.508	nq	# 84
88) Benzo(k)fluoranthene	14.89	252	49477	2.600	nq	# 87
89) Benzo(a)pyrene	15.23	252	21944	1.236	nq	# 71
90) Dibenzo(a,h)anthracene	16.69	278	4745	0.335	nq	# 33
91) Benzo(a,h,i)perylene	17.08	276	11674	0.818	nq	# 82

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

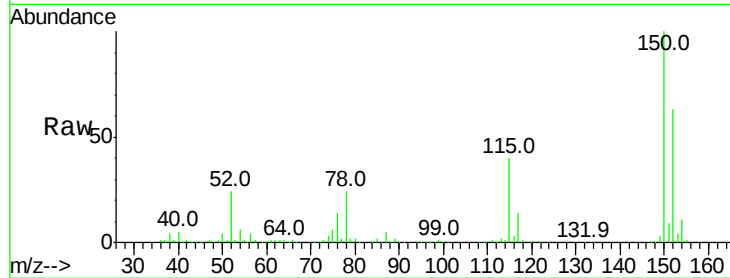


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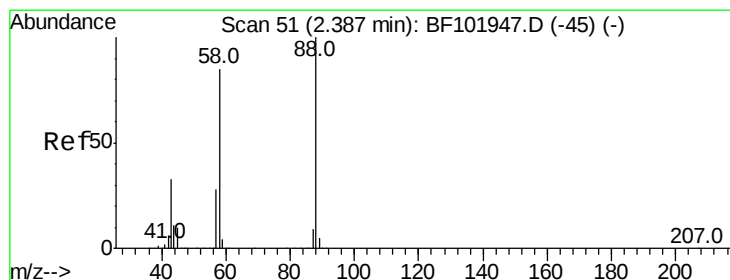
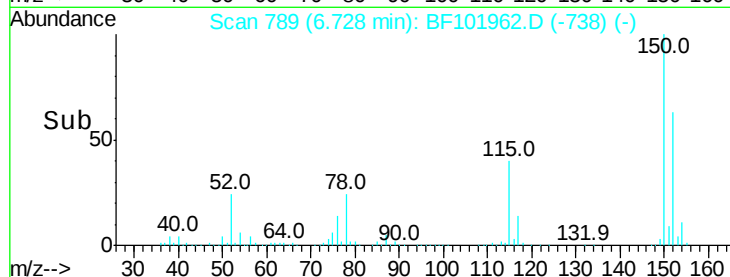
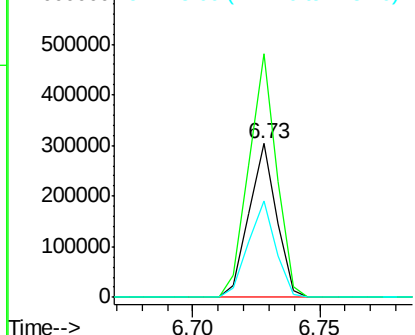
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF101962.D
Acq: 9 Jan 2018 19:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 230816
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 63.0 50.1 75.1



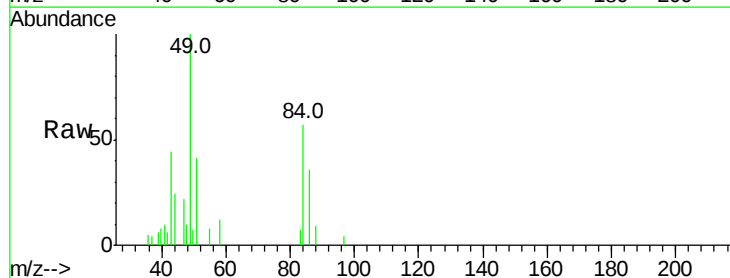
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



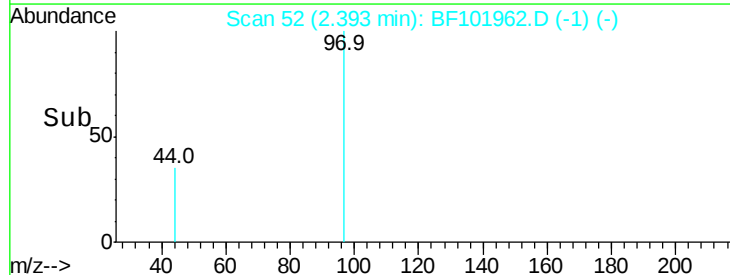
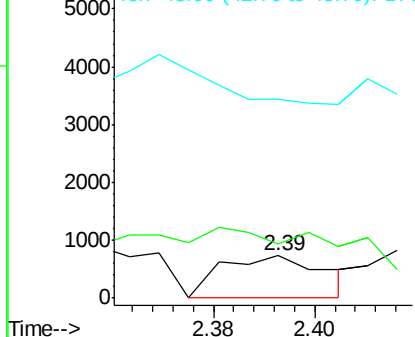
#2

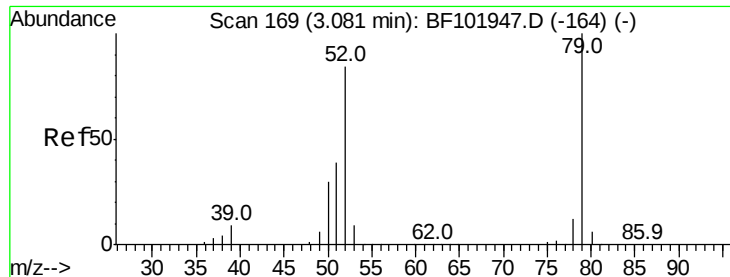
1,4-Dioxane
Concen: 0.127 ng
RT: 2.39 min Scan# 52
Delta R.T. 0.01 min
Lab File: BF101962.D
Acq: 9 Jan 2018 19:44

Tgt Ion: 88 Resp: 1033
Ion Ratio Lower Upper
88 100
58 0.0 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

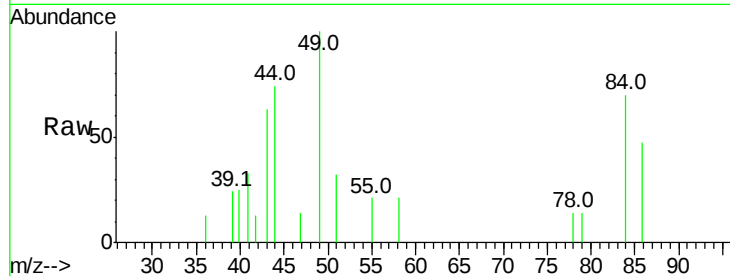




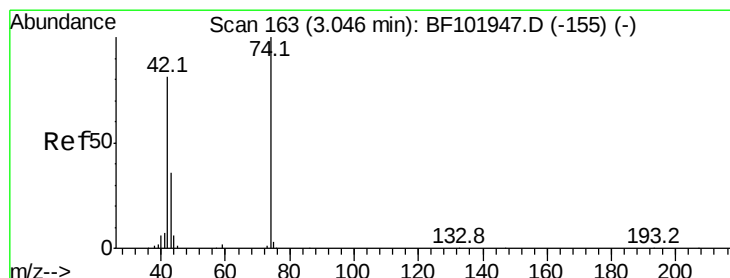
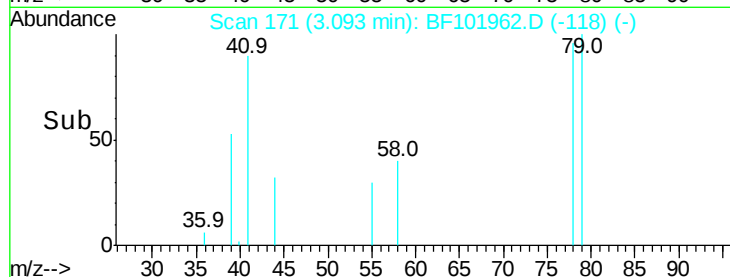
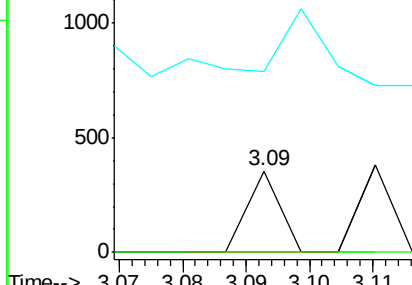
#3
 Pvridine
 Concen: 0.006 ng
 RT: 3.09 min Scan# 171
 Delta R.T. 0.01 min
 Lab File: BF101962.D
 Acq: 9 Jan 2018 19:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 126
 Ion Ratio Lower Upper
 79 100
 52 0.0 59.8 89.6#
 51 221.3 29.8 44.8#

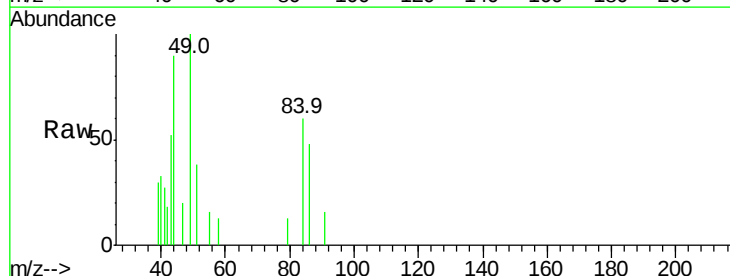


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

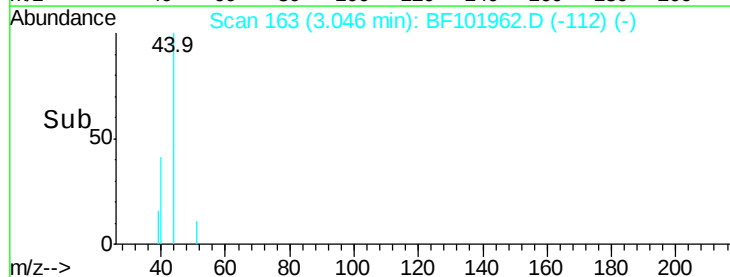
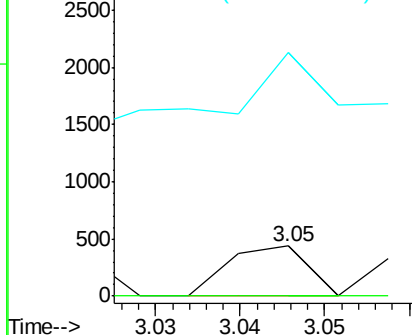


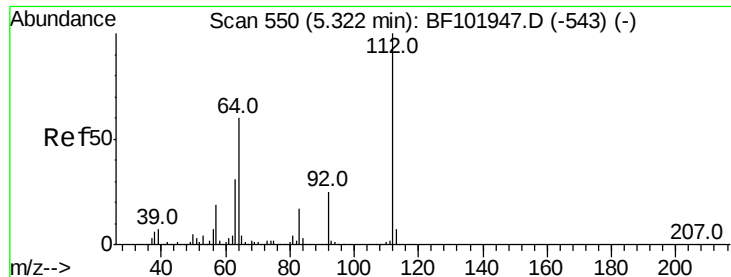
#4
 n-Nitrosodimethylamine
 Concen: 0.031 ng
 RT: 3.05 min Scan# 163
 Delta R.T. 0.00 min
 Lab File: BF101962.D
 Acq: 9 Jan 2018 19:44

Tgt Ion: 42 Resp: 288
 Ion Ratio Lower Upper
 42 100
 74 0.0 104.9 157.3#
 44 486.1 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: 100.994 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.02 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

Instrument :

BNA_F

ClientSampleId :

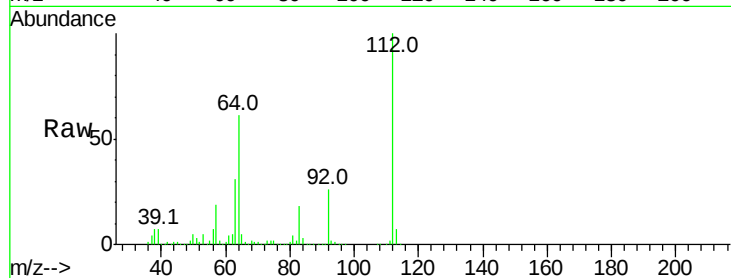
Tot Ion:112 Resp: 1650833

Ion Ratio Lower Upper

112 100

64 60.8 47.9 71.9

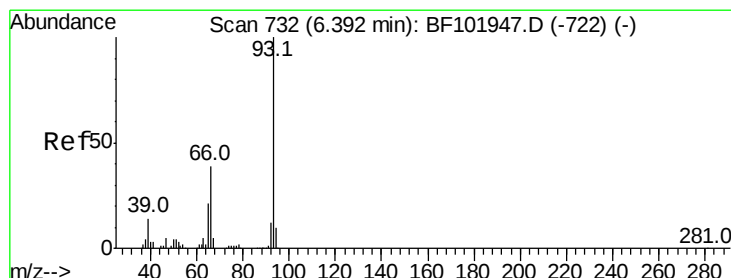
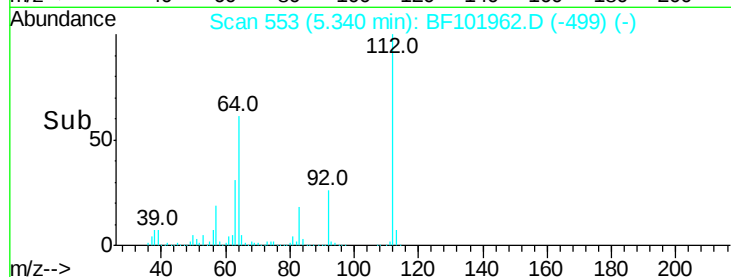
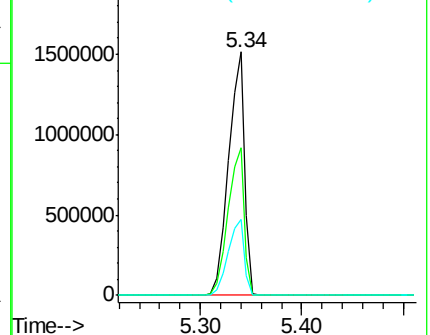
63 31.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

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: BF101962.D

Acq: 9 Jan 2018 19:44

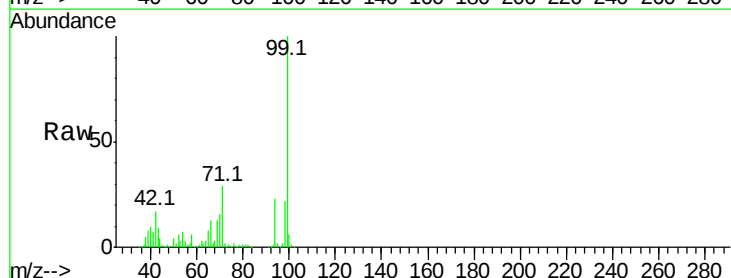
Tgt Ion: 93 Resp: 2261

Ion Ratio Lower Upper

93 100

66 2289.7 32.2 48.2#

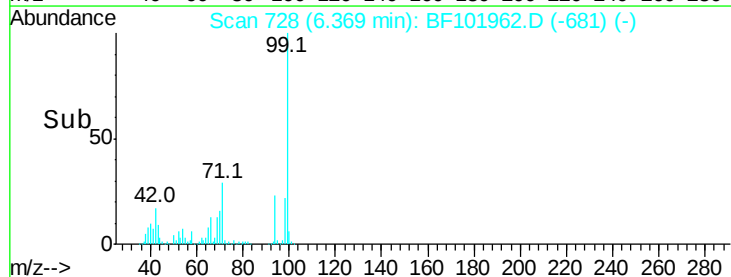
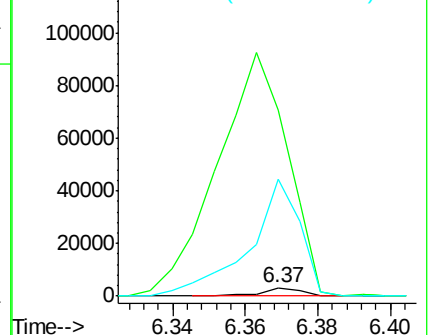
65 1433.0 16.4 24.6#

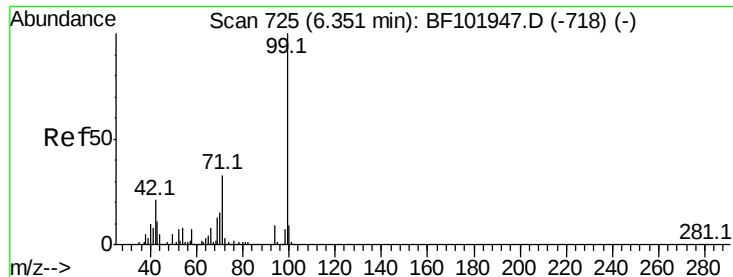


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 98.836 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

Instrument :

BNA_F

ClientSampleId :

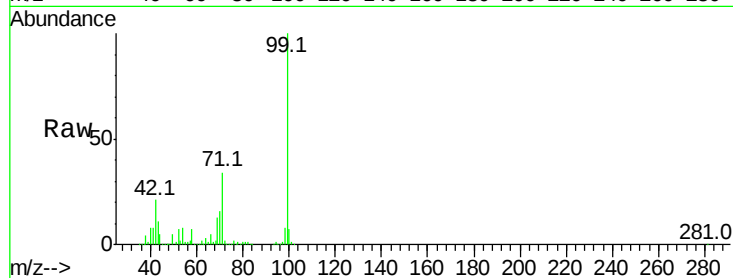
Tot Ion: 99 Resp: 1927526

Ion Ratio Lower Upper

99 100

42 21.2 14.5 21.7

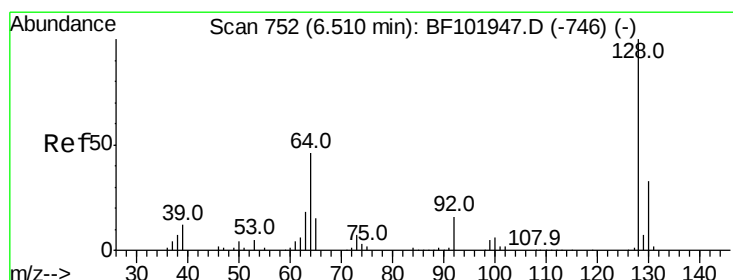
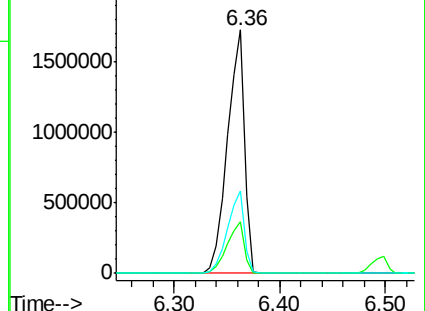
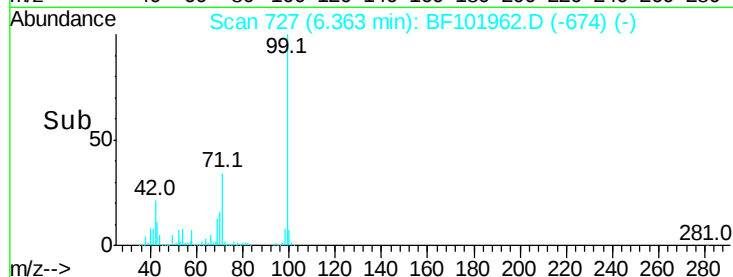
71 33.6 25.4 38.0



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: 0.071 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

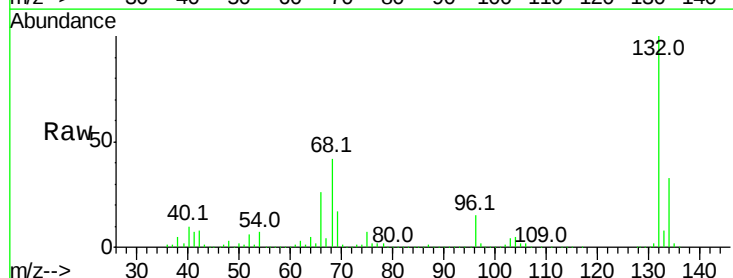
Tgt Ion: 128 Resp: 1162

Ion Ratio Lower Upper

128 100

130 189.6 13.0 53.0#

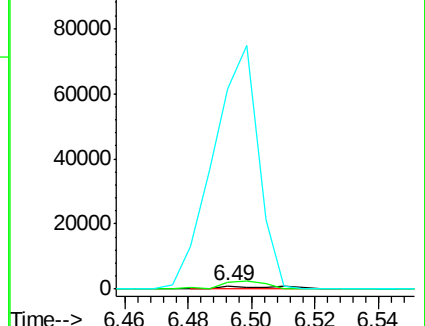
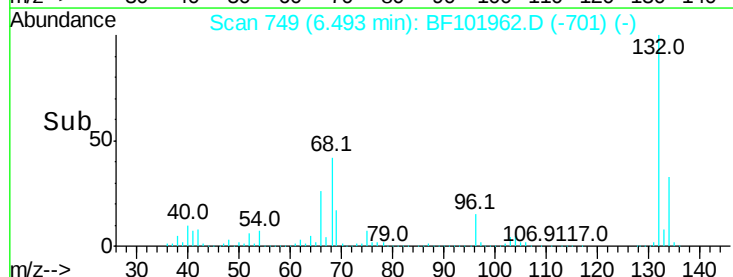
64 6016.8 29.4 69.4#

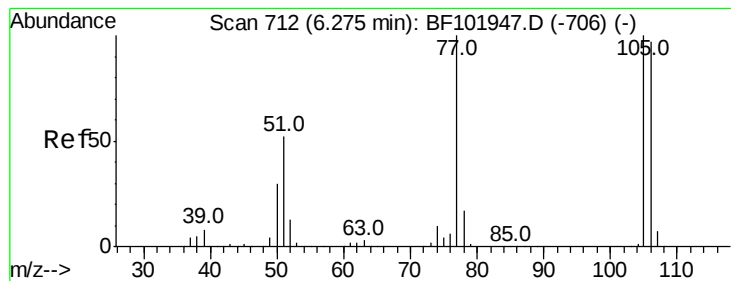


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 0.086 ng

RT: 6.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

Instrument :

BNA_F

ClientSampled :

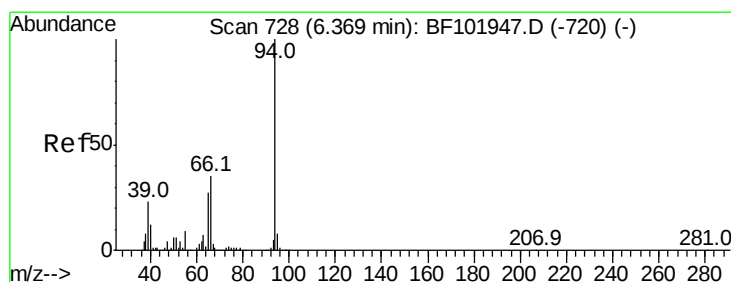
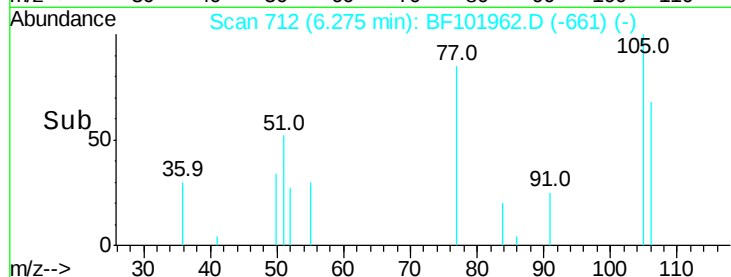
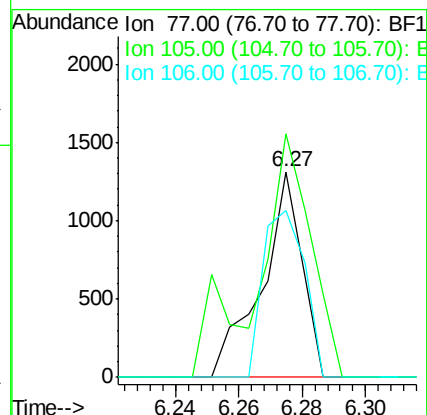
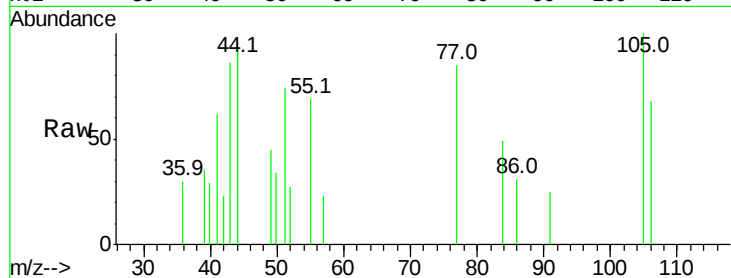
Tot Ion: 77 Resp: 1165

Ion Ratio Lower Upper

77 100

105 118.3 81.1 121.1

106 80.8 74.5 114.5



#10

Phenol

Concen: 4.292 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

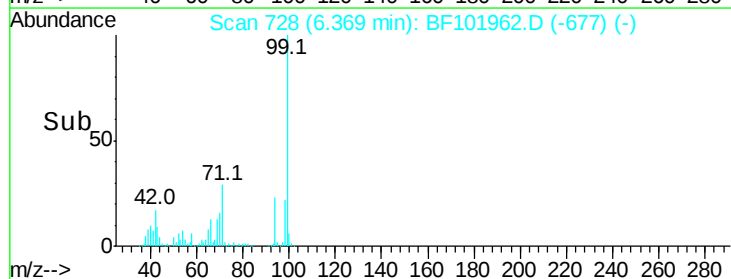
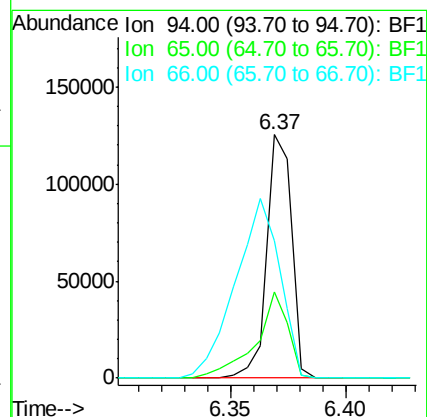
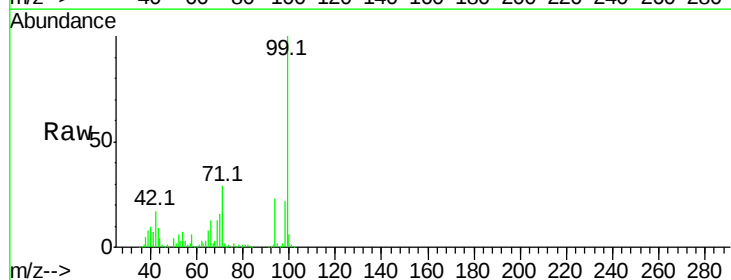
Tgt Ion: 94 Resp: 94603

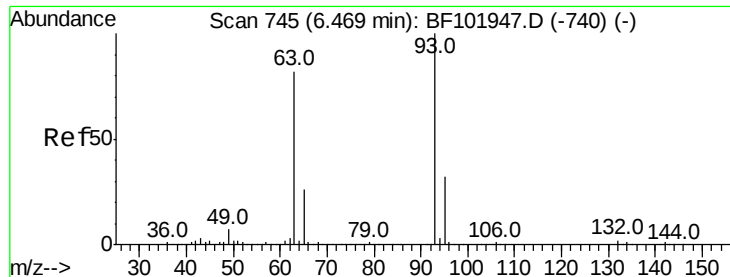
Ion Ratio Lower Upper

94 100

65 35.3 7.9 47.9

66 56.3 16.2 56.2#

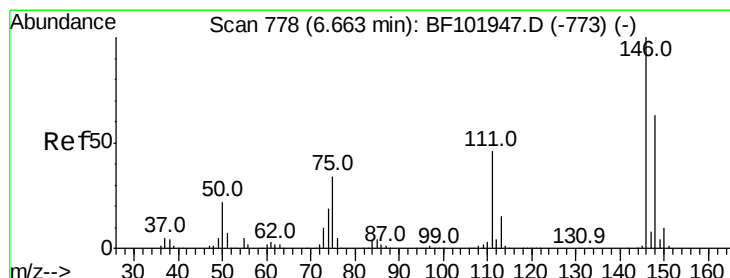
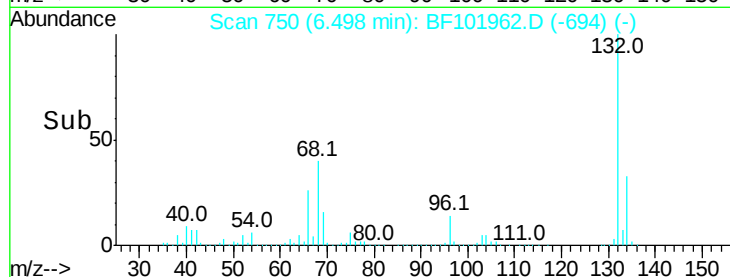
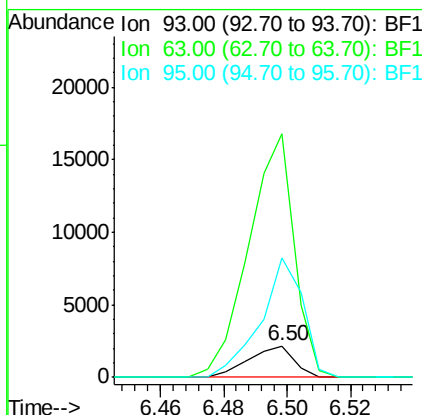
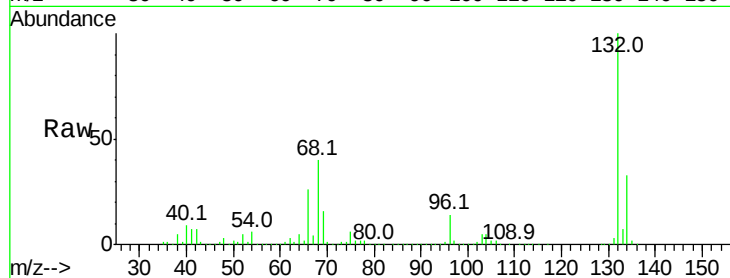




#11
bis(2-Chloroethyl)ether
Concen: 0.129 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.03 min
Lab File: BF101962.D
Acq: 9 Jan 2018 19:44

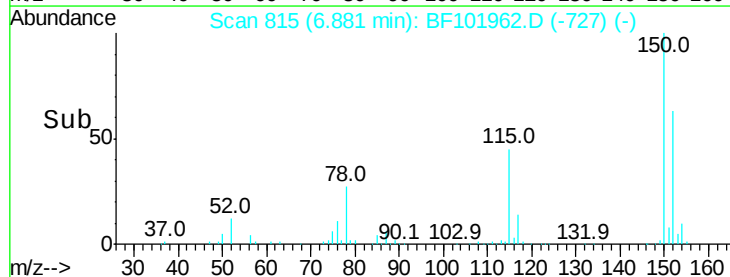
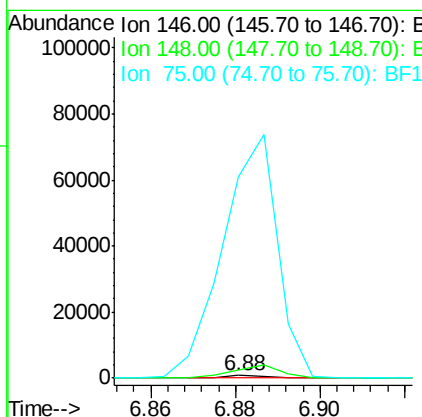
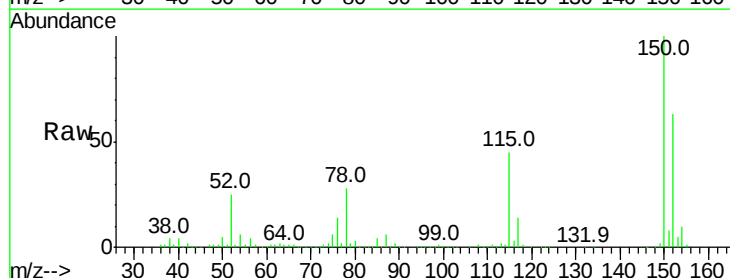
Instrument :
BNA_F
ClientSampleId :

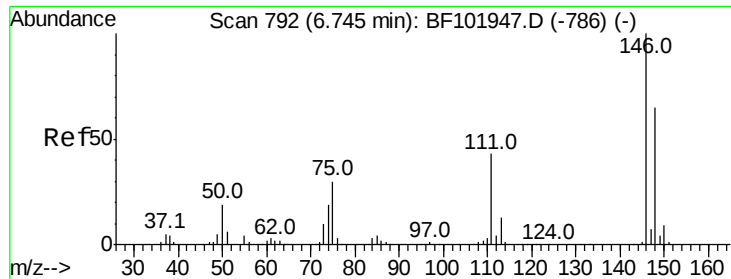
Tot Ion: 93 Resp: 2160
Ion Ratio Lower Upper
93 100
63 777.0 58.6 98.6#
95 382.0 11.8 51.8#



#12
1,3-Dichlorobenzene
Concen: 0.030 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.22 min
Lab File: BF101962.D
Acq: 9 Jan 2018 19:44

Tgt Ion: 146 Resp: 559
Ion Ratio Lower Upper
146 100
148 336.2 51.8 77.8#
75 8608.5 24.2 36.4#

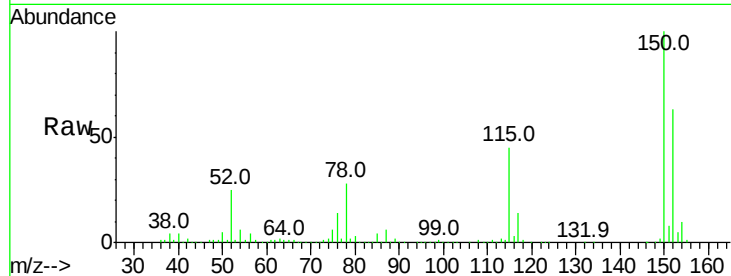




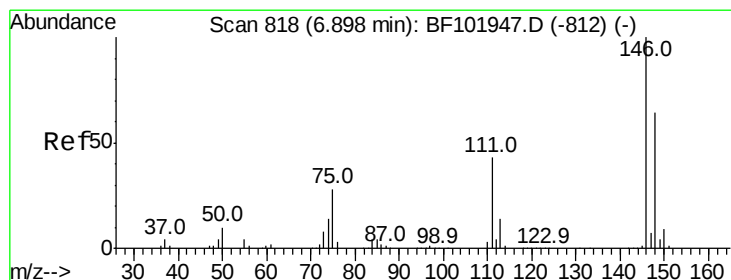
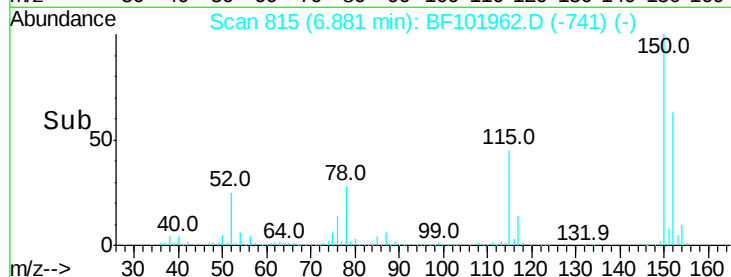
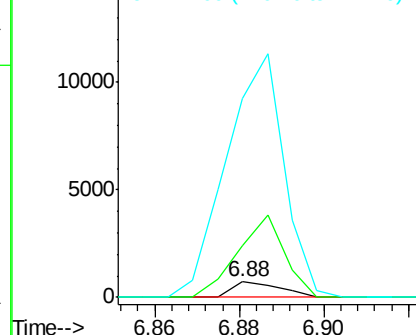
#13
 1,4-Dichlorobenzene
 Concen: 0.030 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.14 min
 Lab File: BF101962.D
 Acq: 9 Jan 2018 19:44

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:146 Resp: 559
 Ion Ratio Lower Upper
 146 100
 148 336.2 50.8 76.2#
 111 1305.5 34.2 51.2#

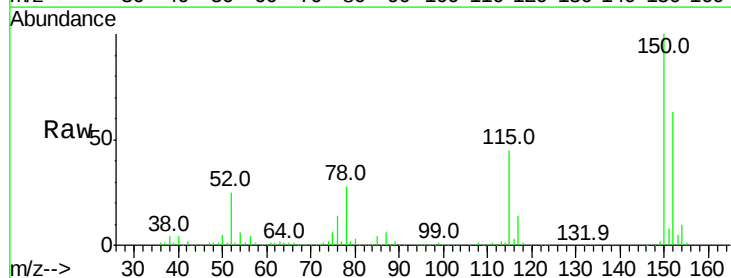


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

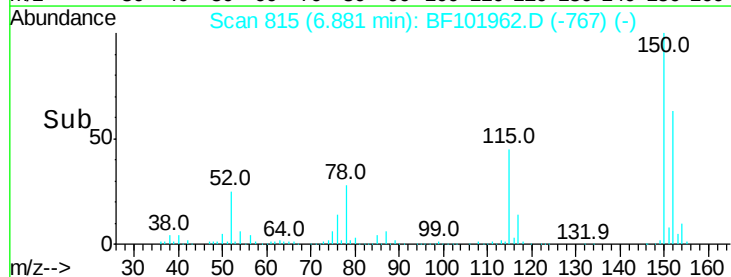
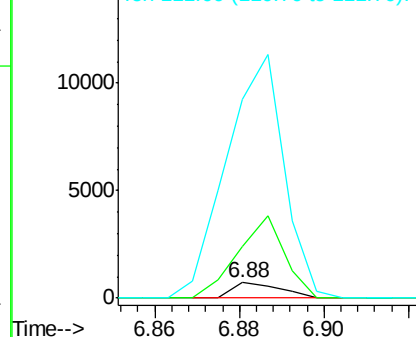


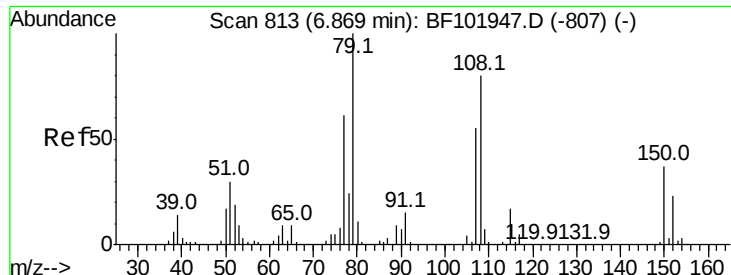
#14
 1,2-Dichlorobenzene
 Concen: 0.032 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF101962.D
 Acq: 9 Jan 2018 19:44

Tgt Ion:146 Resp: 559
 Ion Ratio Lower Upper
 146 100
 148 336.2 50.6 75.8#
 111 1305.5 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

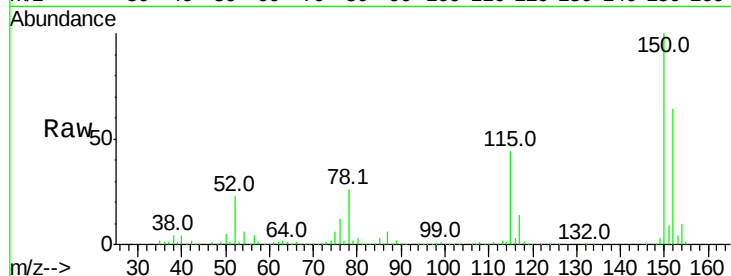




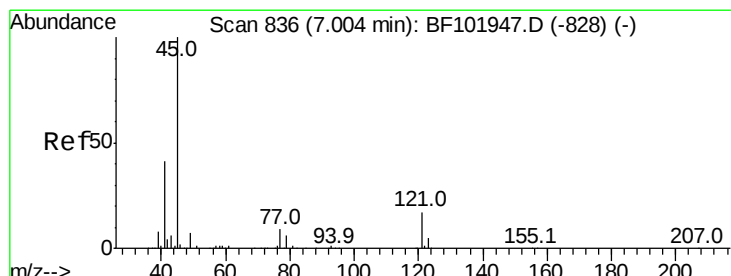
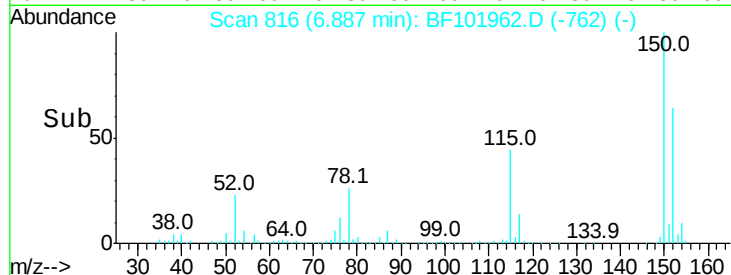
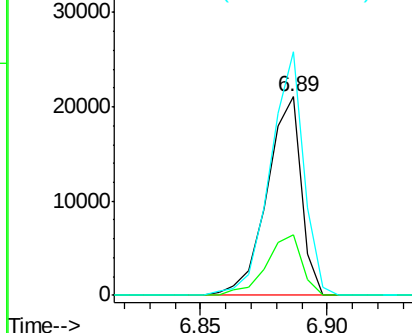
#15
Benzyl Alcohol
Concen: 1.403 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.02 min
Lab File: BF101962.D
Acq: 9 Jan 2018 19:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 20011
Ion Ratio Lower Upper
79 100
108 30.3 65.1 97.7#
77 122.7 50.6 75.8#

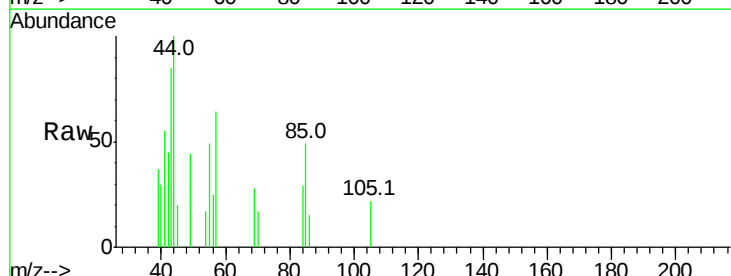


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

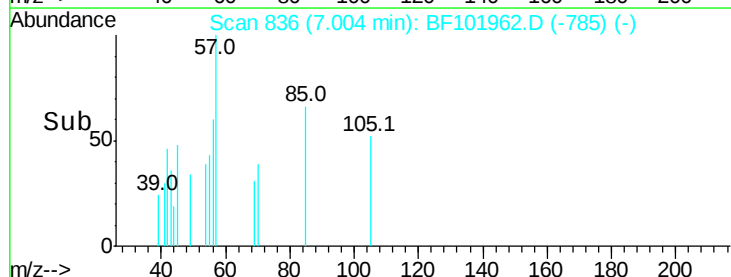
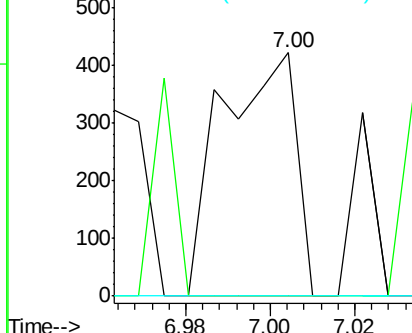


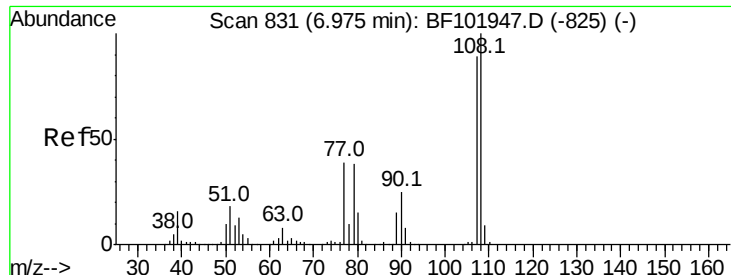
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.017 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF101962.D
Acq: 9 Jan 2018 19:44

Tgt Ion: 45 Resp: 512
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: 0.008 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.09 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 115

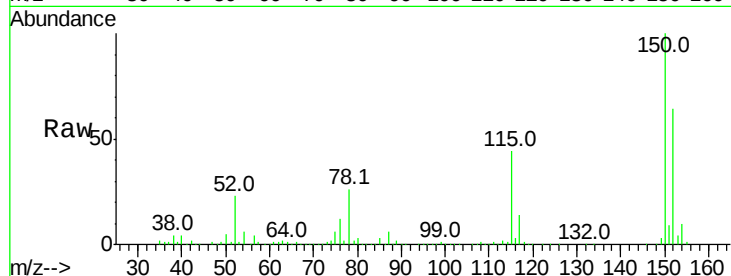
Ion Ratio Lower Upper

107 100

108 1949.5 91.7 137.5#

77 7899.7 33.8 50.8#

79 6436.7 33.8 50.8#

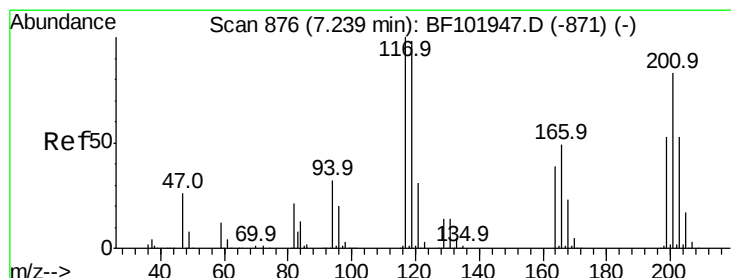
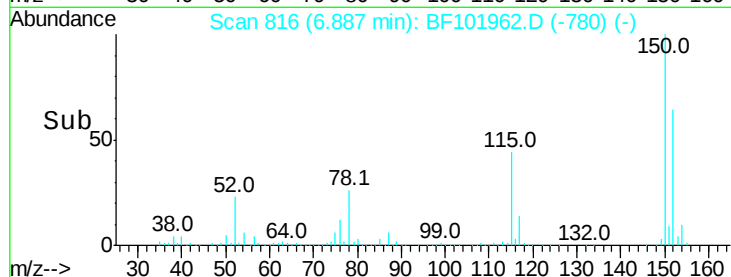
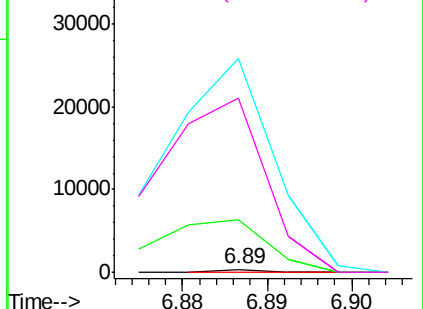


Abundance Ion 107.00 (106.70 to 107.70): E

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: 0.017 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.06 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

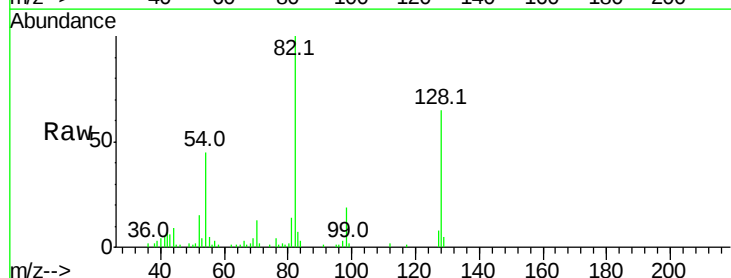
Tgt Ion:117 Resp: 111

Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.8#

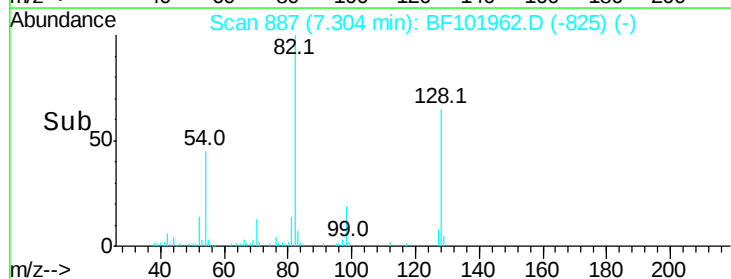
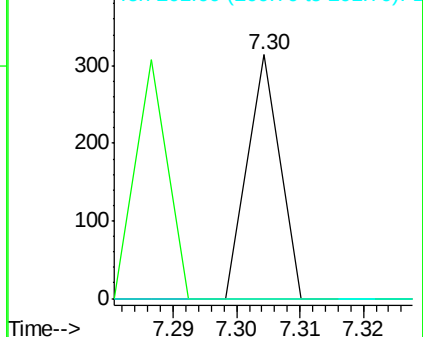
201 0.0 75.7 113.5#

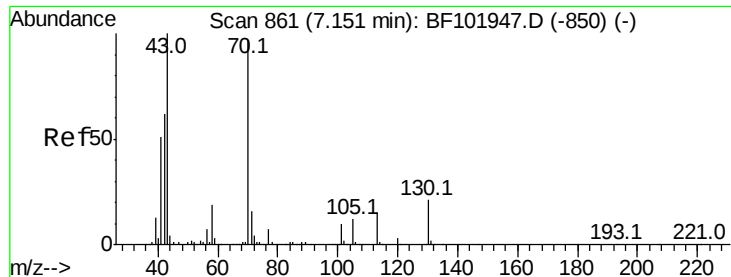


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

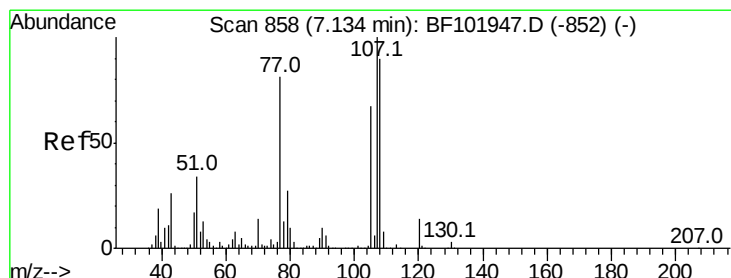
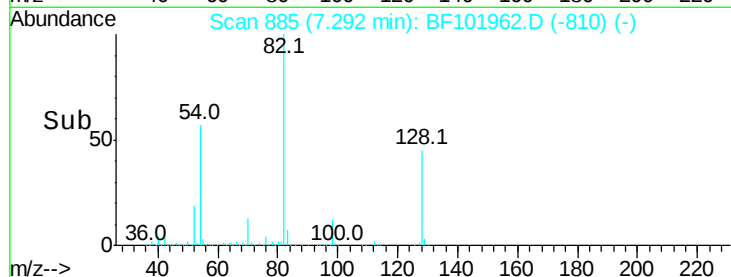
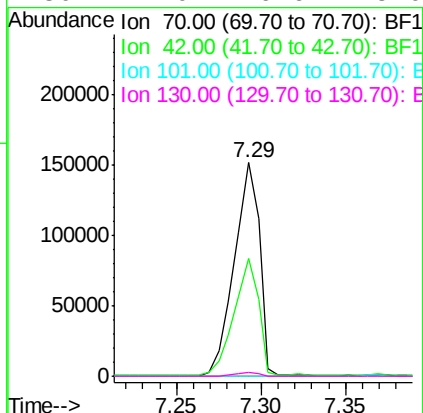
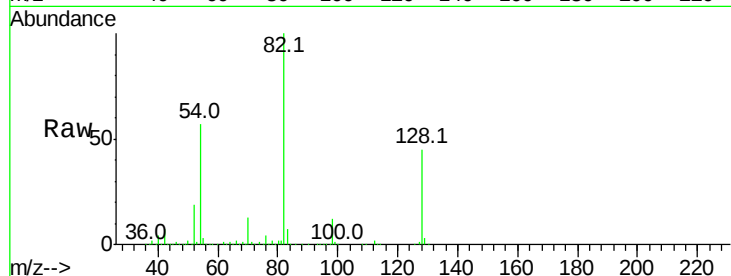




#19
n-Nitroso-di-n-propylamine
Concen: 12.382 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF101962.D
Acq: 9 Jan 2018 19:44

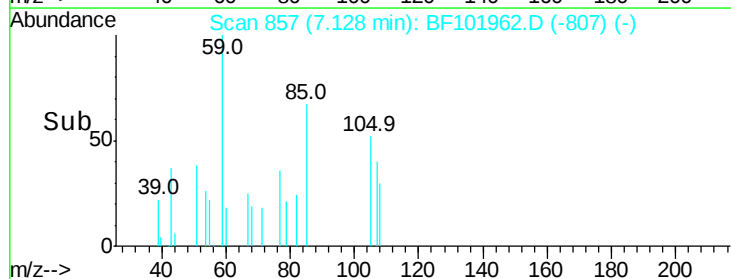
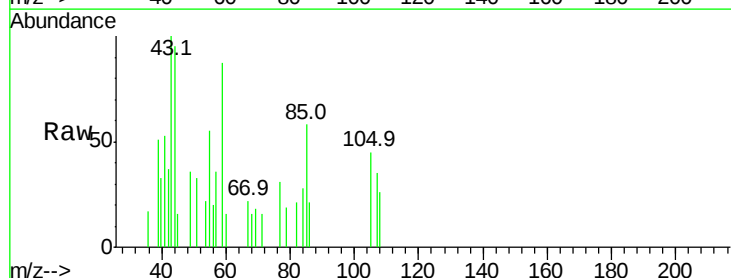
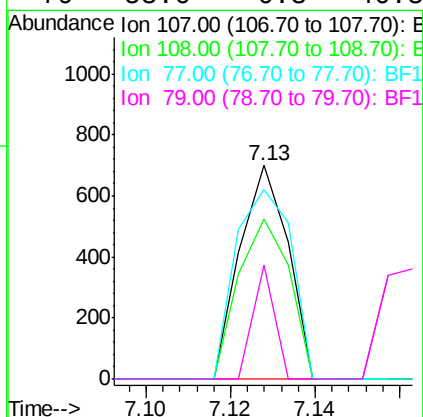
Instrument :
BNA_F
ClientSampleId :

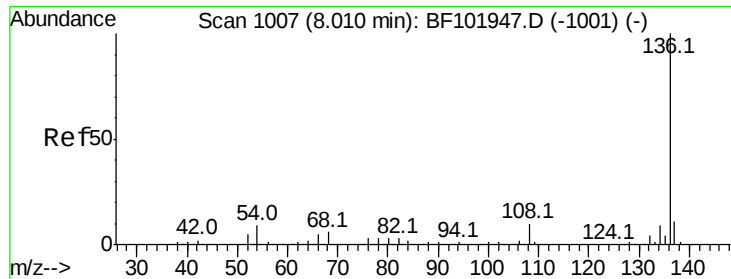
Tot Ion: 70 Resp: 158243
Ion Ratio Lower Upper
70 100
42 55.1 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#20
3+4-Methylphenols
Concen: 0.031 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF101962.D
Acq: 9 Jan 2018 19:44

Tgt Ion:107 Resp: 552
Ion Ratio Lower Upper
107 100
108 74.7 68.2 108.2
77 89.0 26.7 66.7#
79 53.6 6.3 46.3#

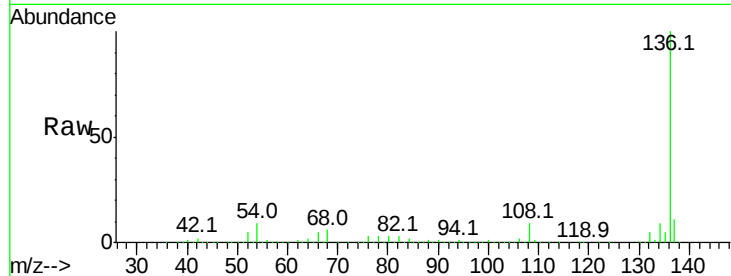




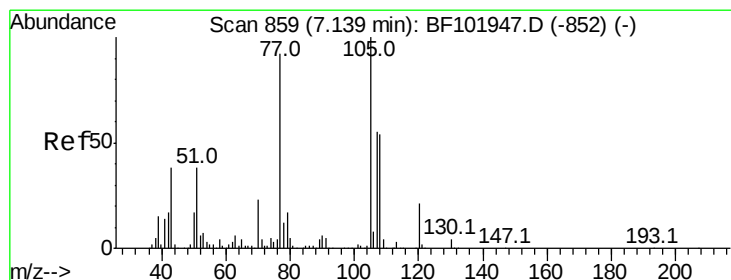
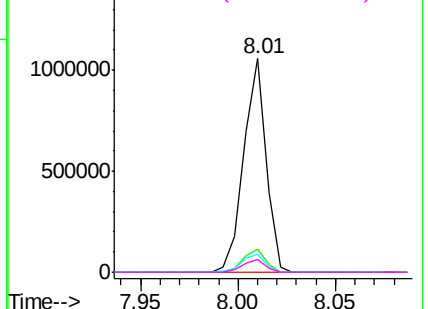
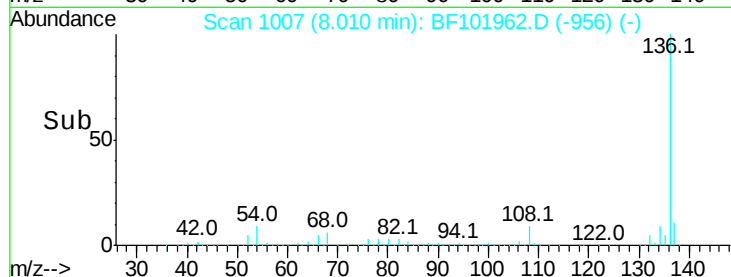
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF101962.D
Acq: 9 Jan 2018 19:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	837804
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.7	6.6	9.8
68	5.8	5.0	7.4

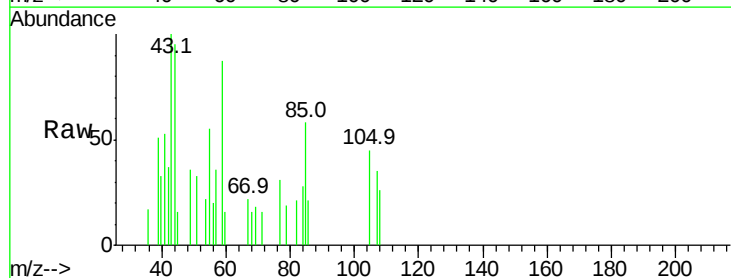


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

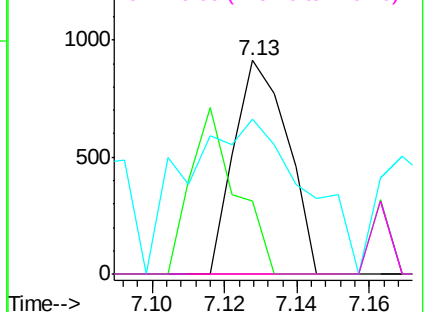
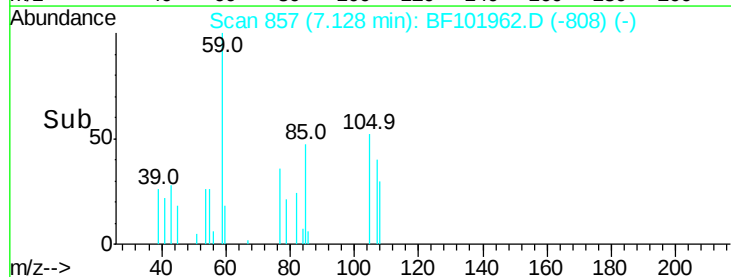


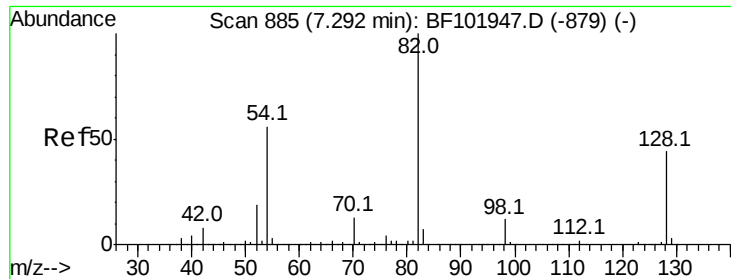
#22
Acetophenone
Concen: 0.047 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF101962.D
Acq: 9 Jan 2018 19:44

Tgt Ion:	105	Resp:	939
Ion	Ratio	Lower	Upper
105	100		
71	34.4	4.4	6.6#
51	72.3	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

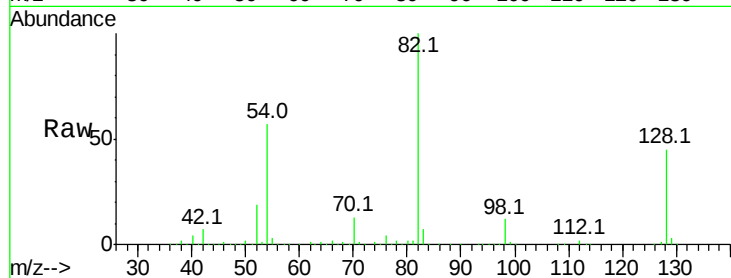




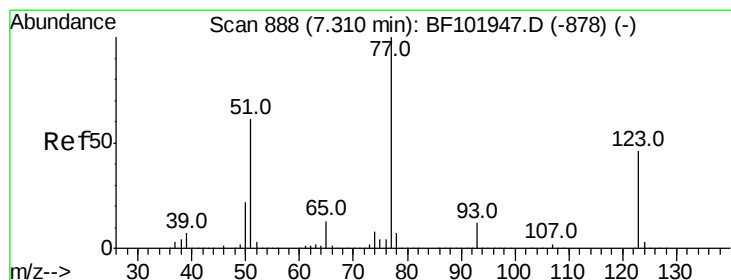
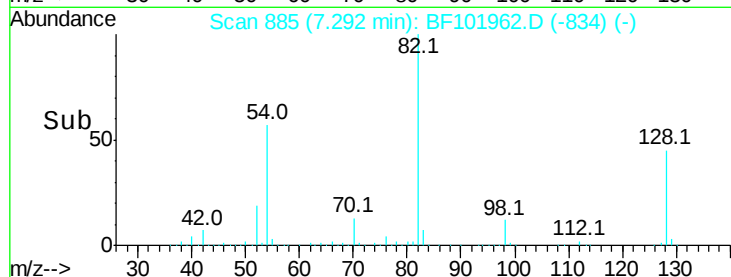
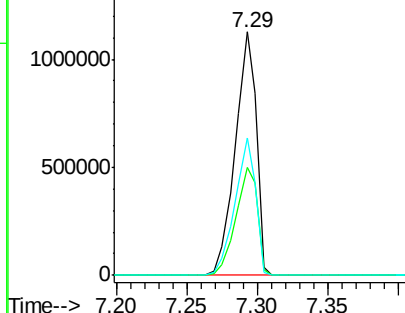
#23
Nitrobenzene-d5
Concen: 81.632 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF101962.D
Acq: 9 Jan 2018 19:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1163834
Ion Ratio Lower Upper
82 100
128 44.5 36.1 54.1
54 56.5 41.4 62.2

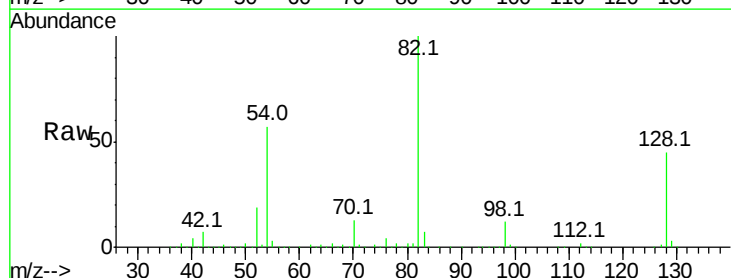


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF1

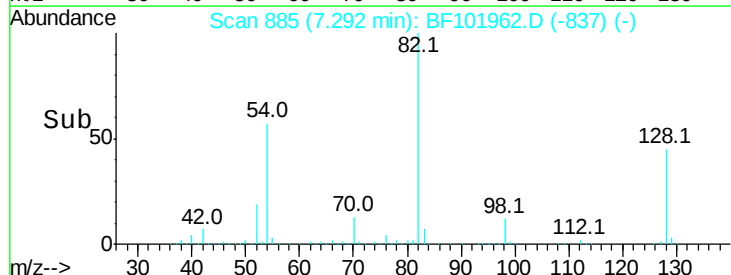
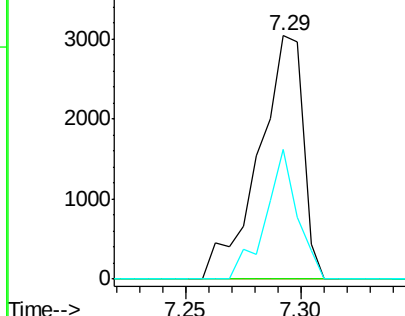


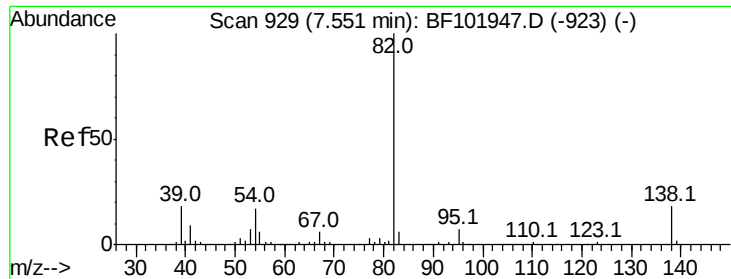
#24
Nitrobenzene
Concen: 0.265 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.02 min
Lab File: BF101962.D
Acq: 9 Jan 2018 19:44

Tgt Ion: 77 Resp: 4064
Ion Ratio Lower Upper
77 100
123 0.0 37.9 56.9#
65 53.3 11.0 16.4#



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





#25

Isophorone

Concen: 41.235 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

Instrument :

BNA_F

ClientSampleId :

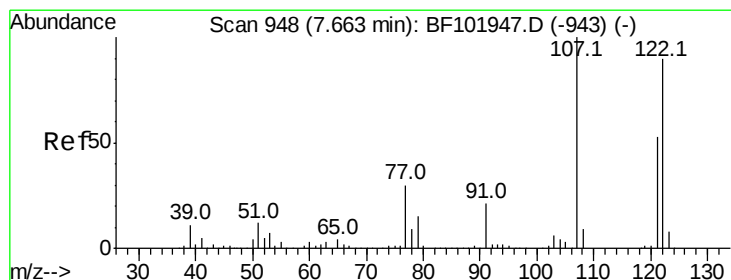
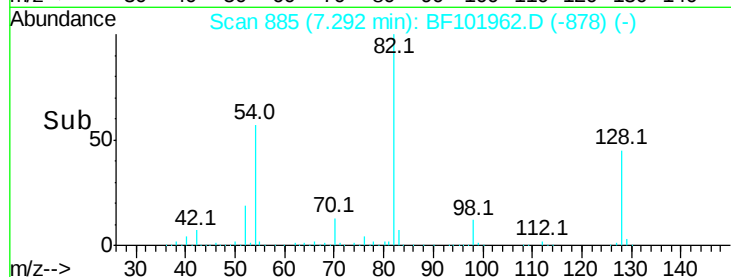
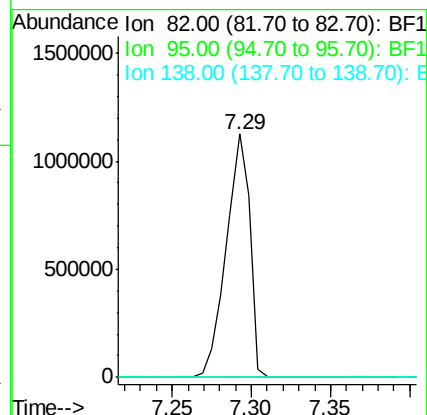
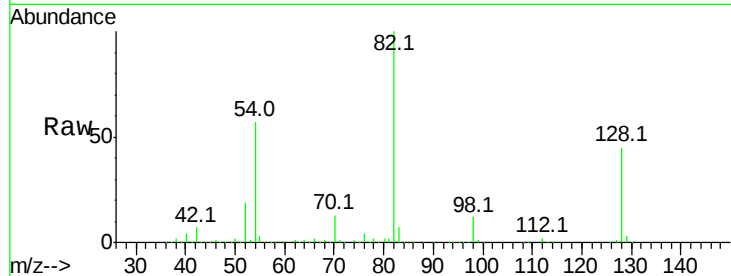
Tot Ion: 82 Resp: 1161623

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

138 0.0 14.9 22.3#



#27

2,4-Dimethylphenol

Concen: 0.011 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.13 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

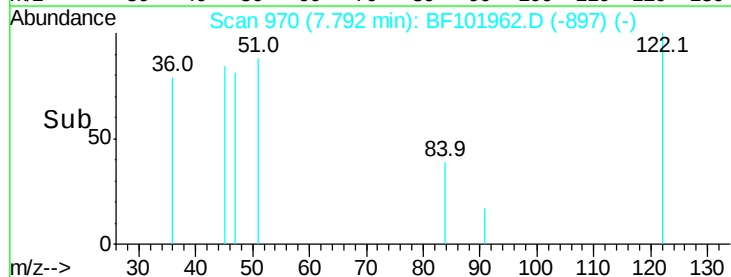
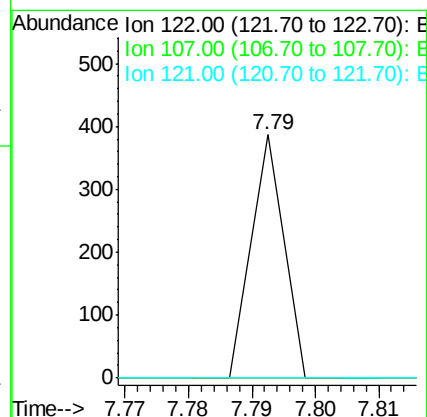
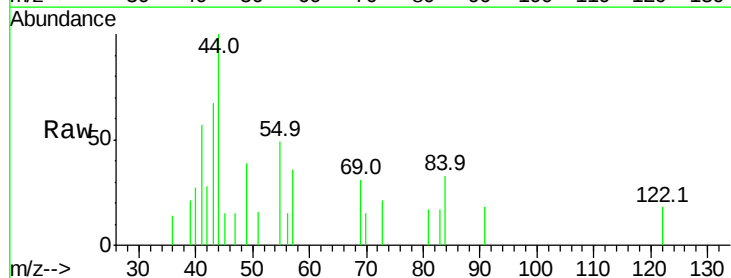
Tgt Ion: 122 Resp: 137

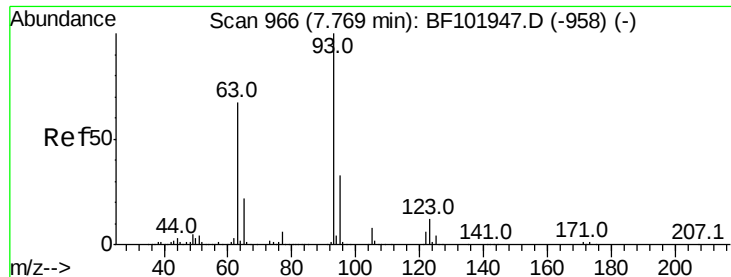
Ion Ratio Lower Upper

122 100

107 0.0 91.2 136.8#

121 0.0 47.2 70.8#

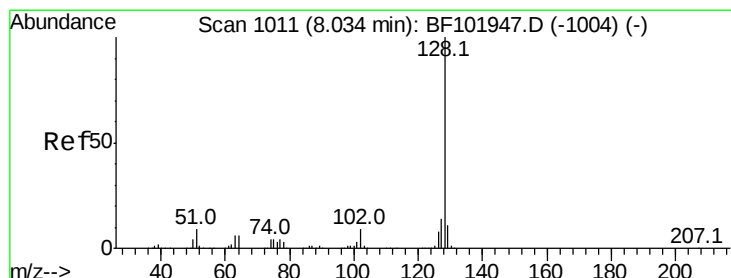
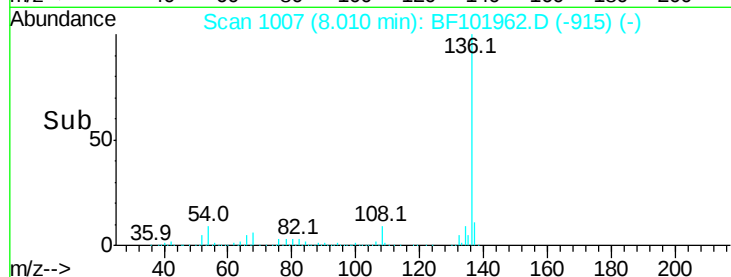
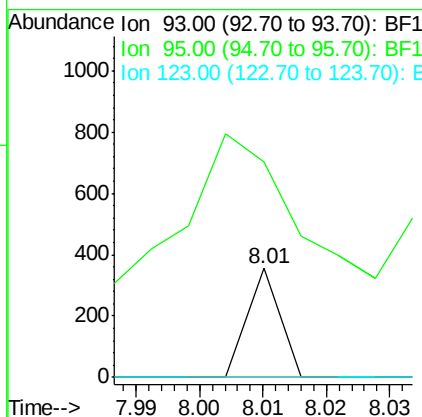
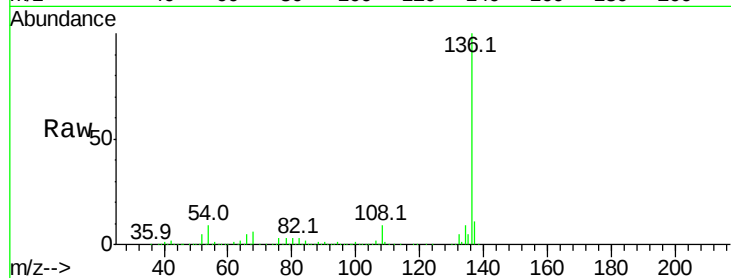




#28
bis(2-Chloroethoxy)methane
Concen: 0.007 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.24 min
Lab File: BF101962.D
Acq: 9 Jan 2018 19:44

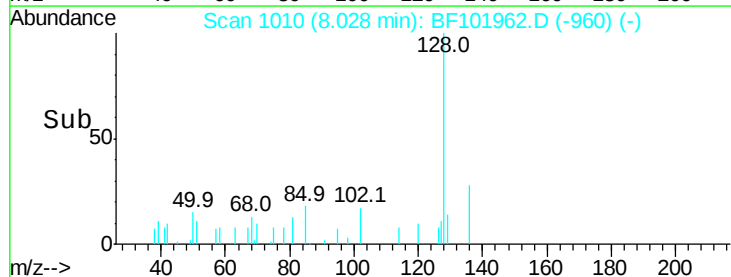
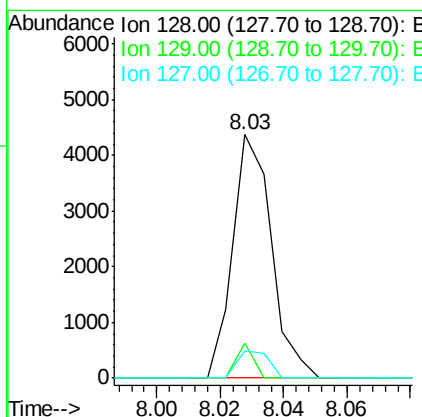
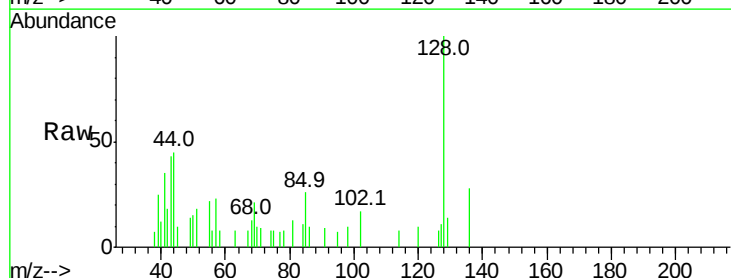
Instrument :
BNA_F
ClientSampleId :

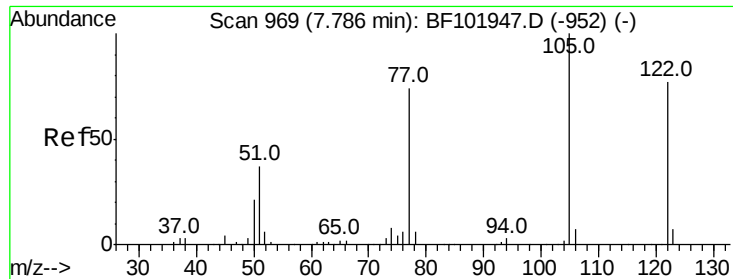
Tot Ion: 93 Resp: 125
Ion Ratio Lower Upper
93 100
95 197.5 26.3 39.5#
123 0.0 9.8 14.6#



#31
Naphthalene
Concen: 0.088 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF101962.D
Acq: 9 Jan 2018 19:44

Tgt Ion: 128 Resp: 3674
Ion Ratio Lower Upper
128 100
129 14.4 8.8 13.2#
127 11.0 10.9 16.3





#32

Benzoic acid

Concen: 0.015 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

Instrument :

BNA_F

ClientSampled :

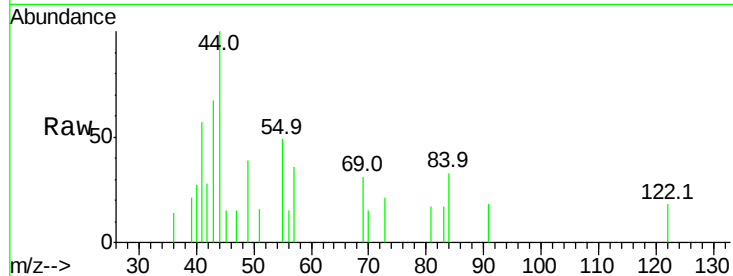
Tot Ion:122 Resp: 137

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

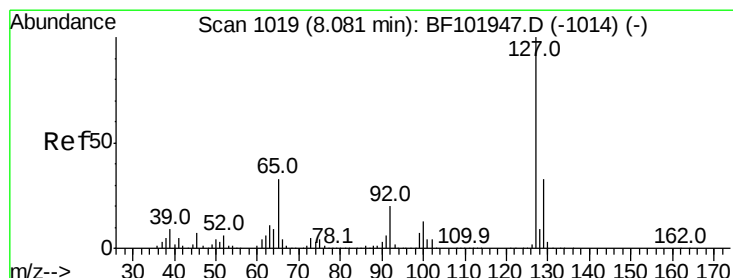
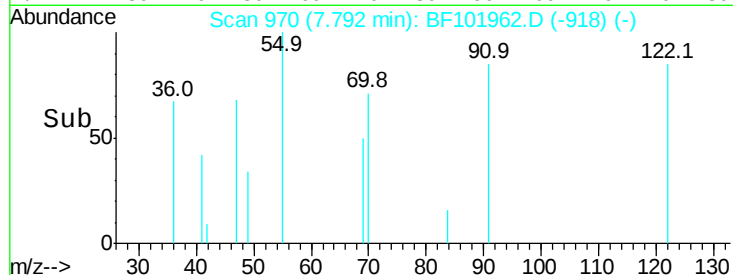
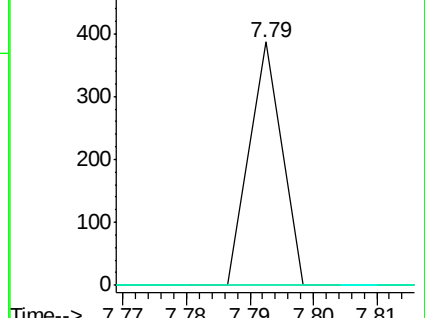
77 0.0 70.7 110.7#



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: 0.018 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.05 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

Tgt Ion:127 Resp: 322

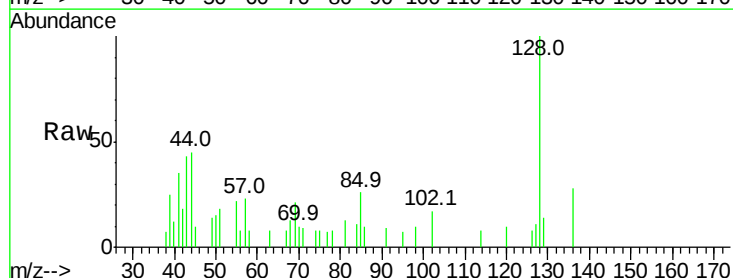
Ion Ratio Lower Upper

127 100

129 131.1 25.9 38.9#

65 0.0 25.0 37.4#

92 0.0 15.2 22.8#

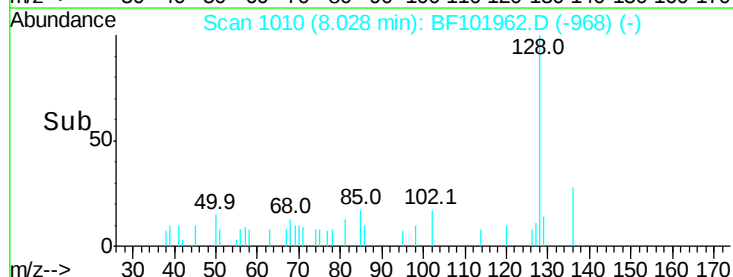
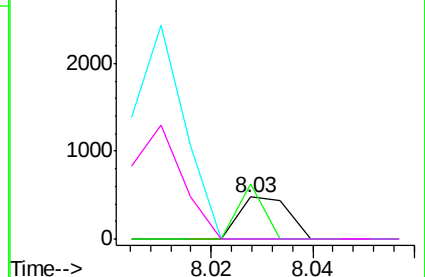


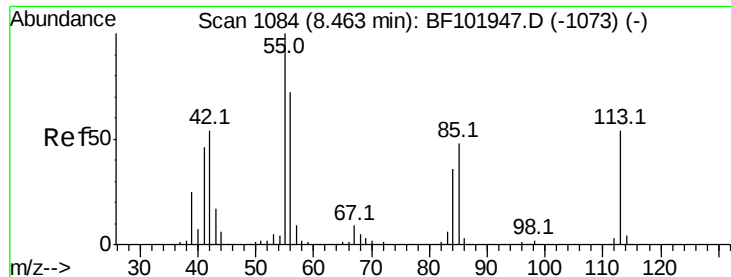
Abundance Ion 127.00 (126.70 to 127.70): E

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: 0.047 ng

RT: 8.44 min Scan# 1080

Delta R.T. -0.02 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

Instrument :

BNA_F

ClientSampled :

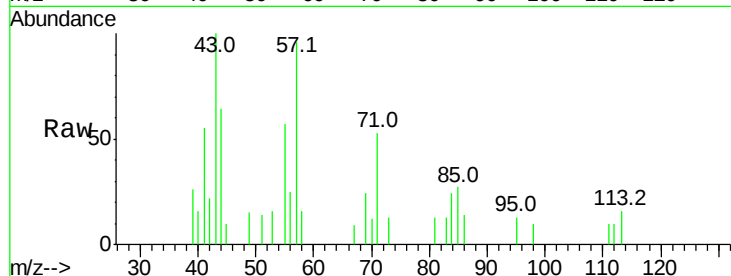
Tot Ion:113 Resp: 185

Ion Ratio Lower Upper

113 100

55 349.9 163.3 203.3#

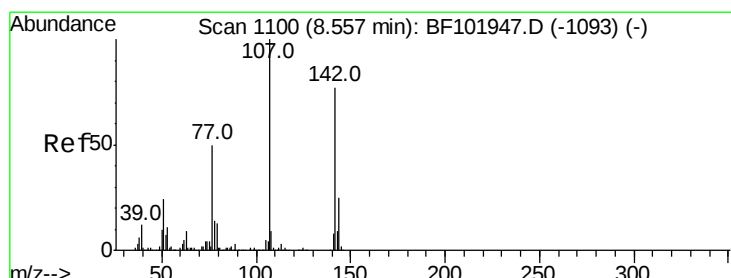
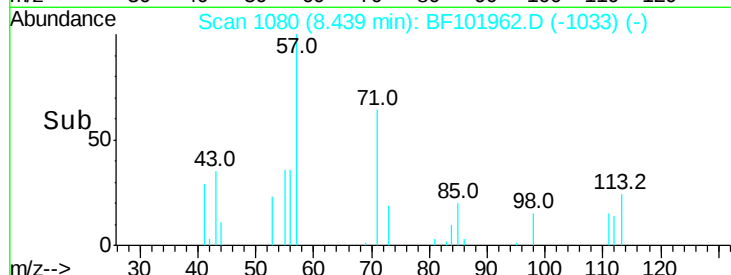
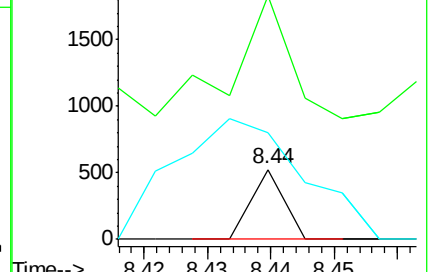
56 152.8 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 0.012 ng

RT: 8.54 min Scan# 1097

Delta R.T. -0.02 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

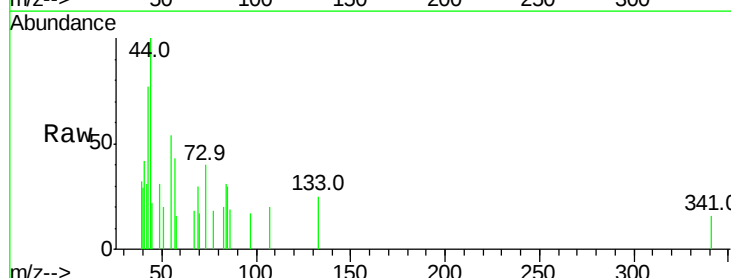
Tgt Ion:107 Resp: 144

Ion Ratio Lower Upper

107 100

144 0.0 20.5 30.7#

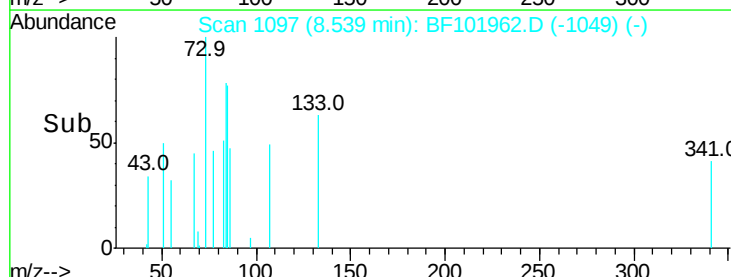
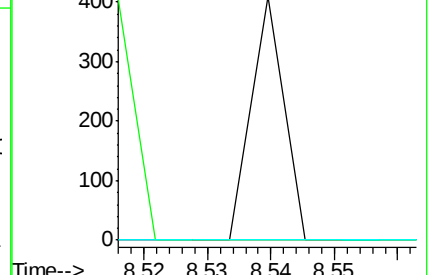
142 0.0 62.0 93.0#

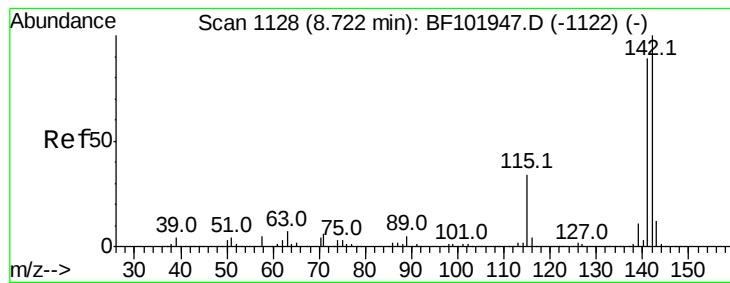


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 0.059 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

Instrument :

BNA_F

ClientSampled :

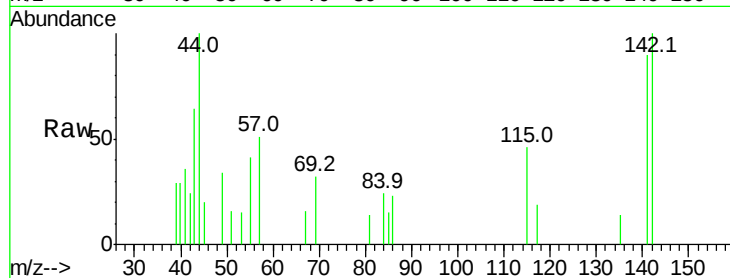
Tot Ion:142 Resp: 1639

Ion Ratio Lower Upper

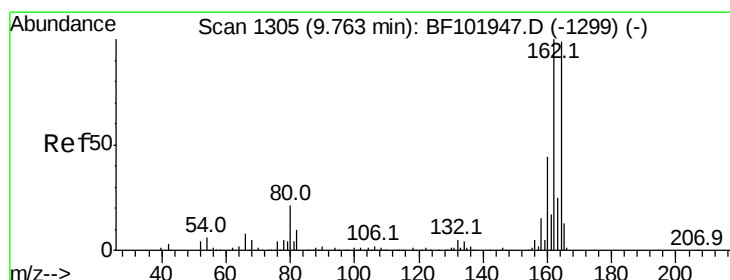
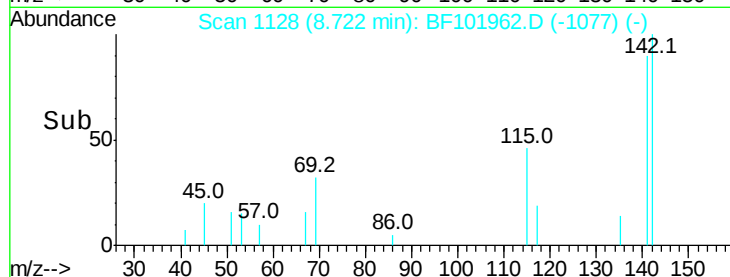
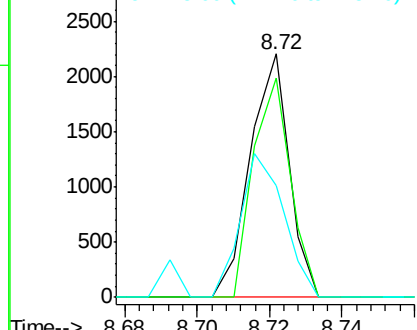
142 100

141 90.3 70.8 106.2

115 45.9 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: BF101962.D

Acq: 9 Jan 2018 19:44

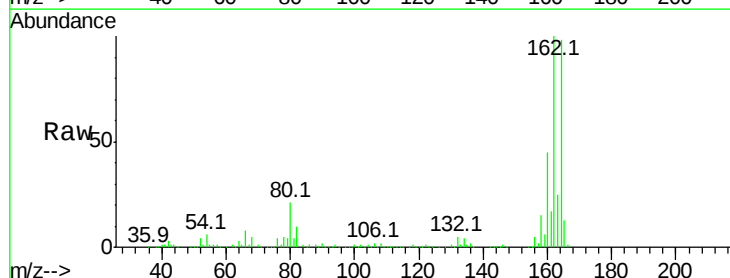
Tgt Ion:164 Resp: 290980

Ion Ratio Lower Upper

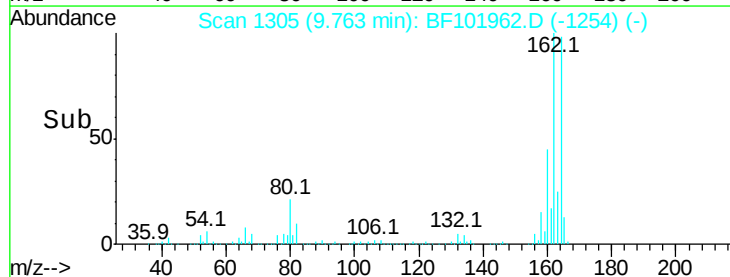
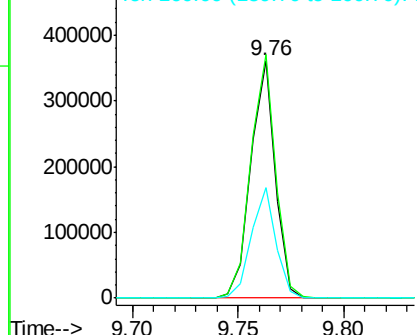
164 100

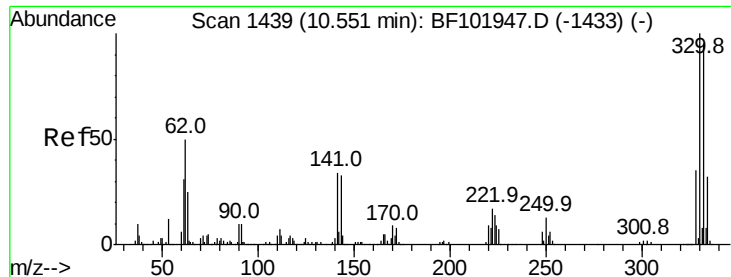
162 102.4 86.1 129.1

160 46.4 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

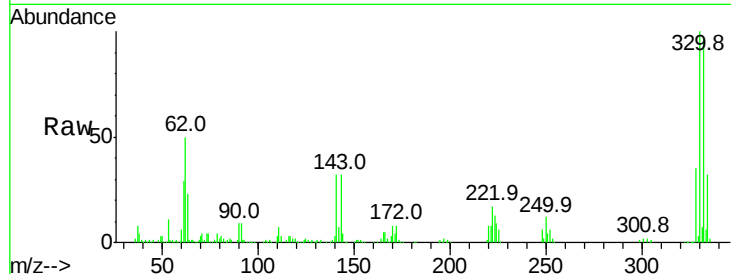




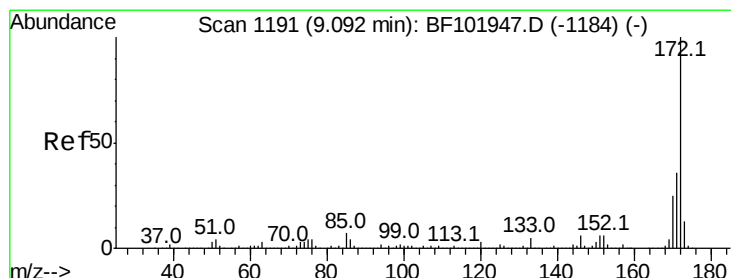
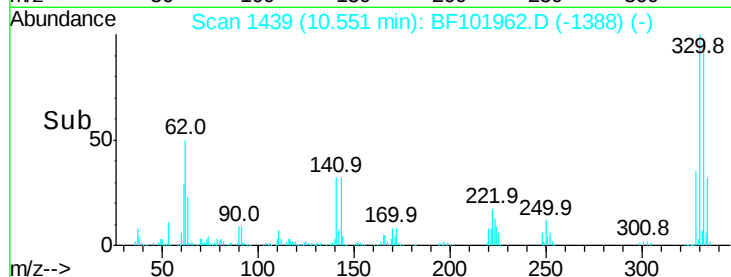
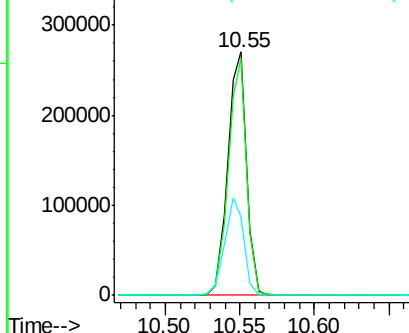
#41
 2,4,6-Tribromophenol
 Concen: 95.802 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF101962.D
 Acq: 9 Jan 2018 19:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 243274
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 40.8 29.9 44.9

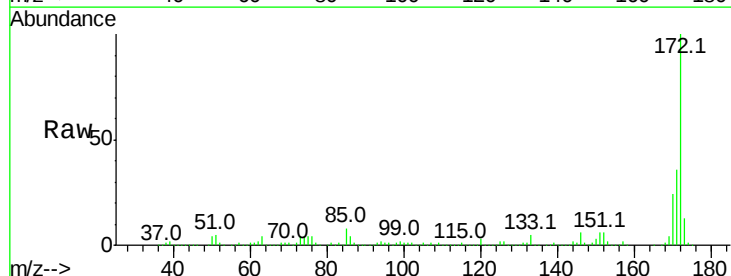


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

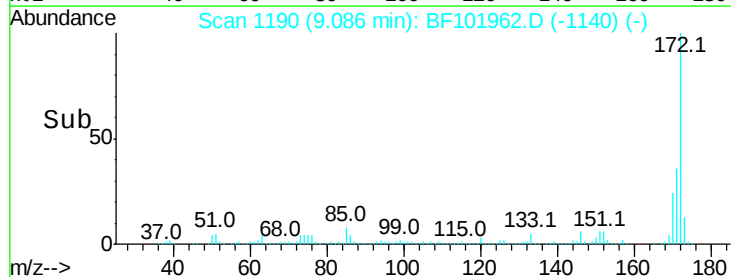
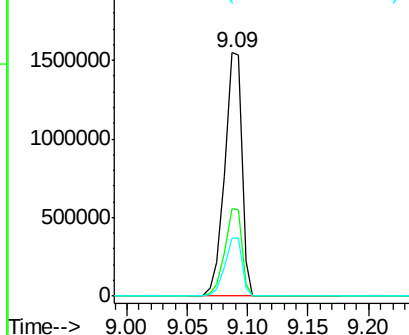


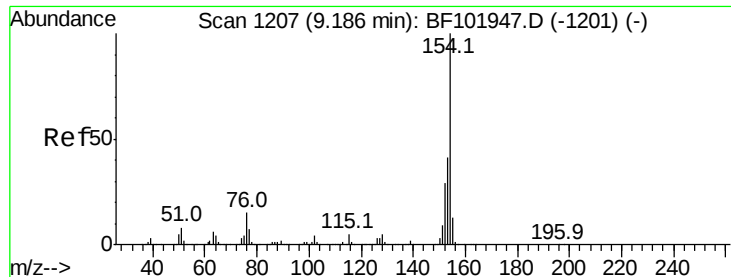
#44
 2-Fluorobiphenyl
 Concen: 82.242 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF101962.D
 Acq: 9 Jan 2018 19:44

Tgt Ion:172 Resp: 1531801
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.9 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: 0.186 ng

RT: 9.19 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

Instrument :

BNA_F

ClientSampleId :

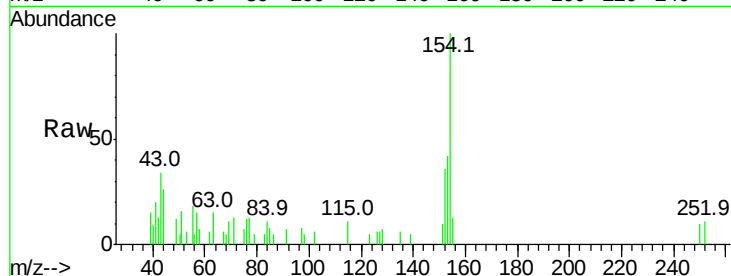
Tot Ion:154 Resp: 4788

Ion Ratio Lower Upper

154 100

153 41.8 21.3 61.3

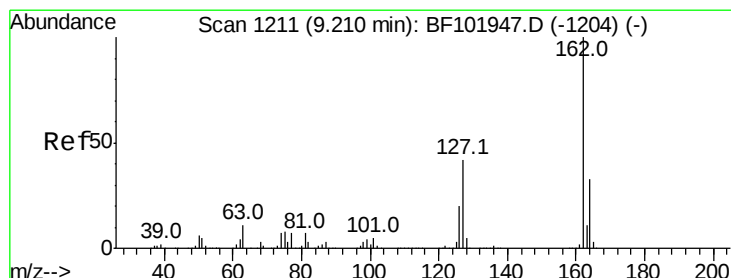
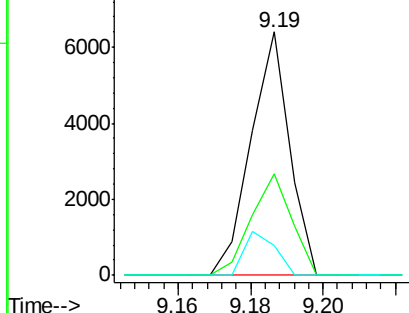
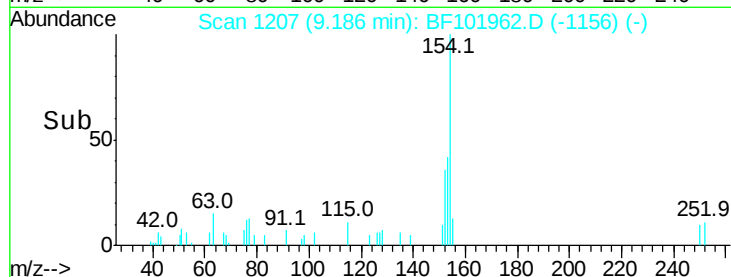
76 12.2 0.0 34.0



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: 0.039 ng

RT: 9.48 min Scan# 1257

Delta R.T. 0.27 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

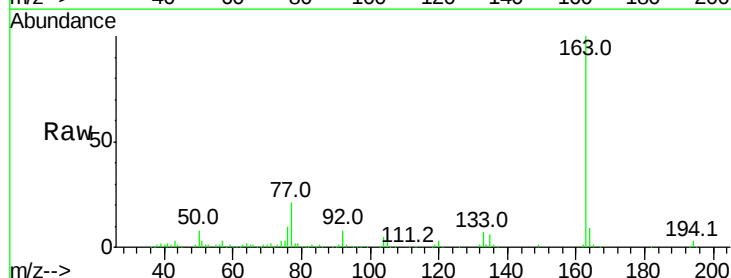
Tgt Ion:162 Resp: 779

Ion Ratio Lower Upper

162 100

127 0.0 33.9 50.9#

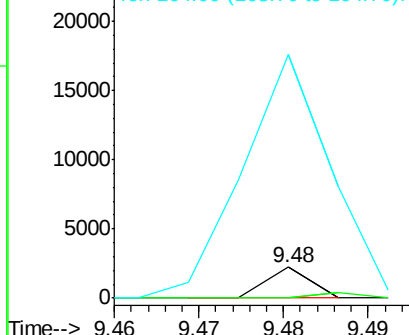
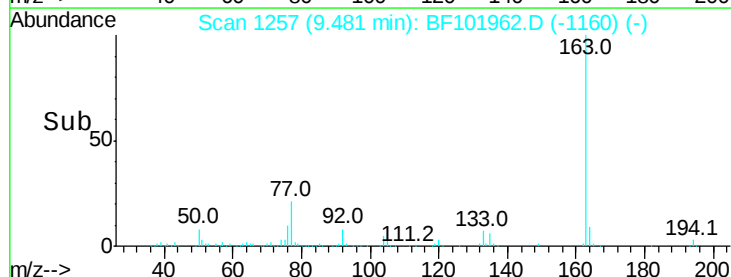
164 796.0 26.5 39.7#

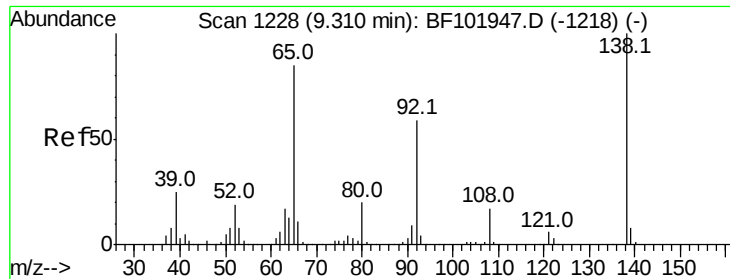


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

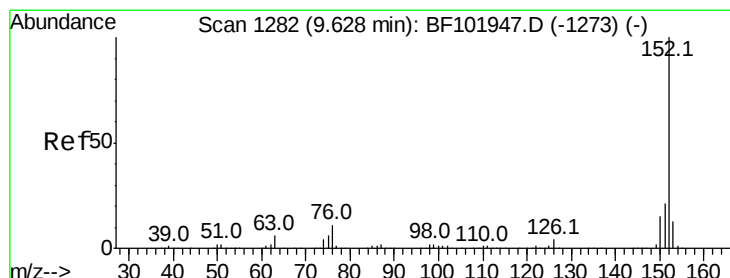
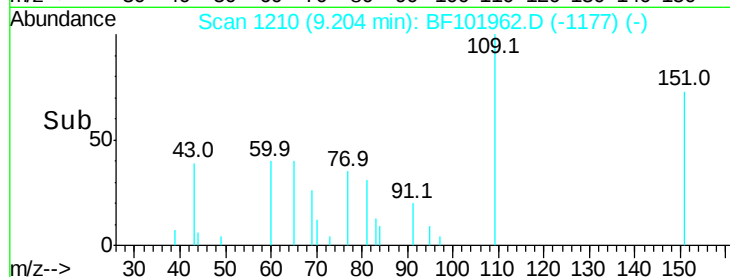
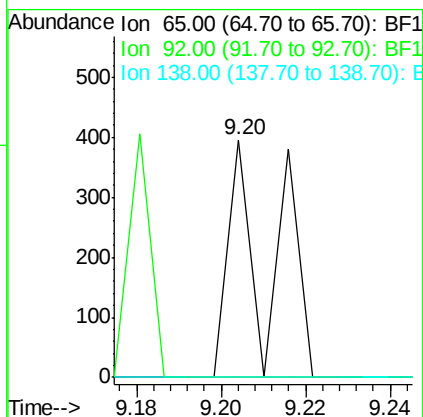
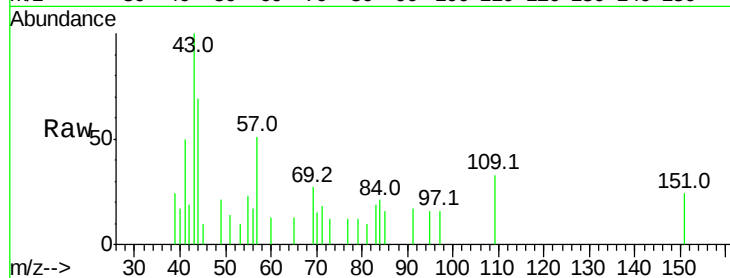




#47
2-Nitroaniline
Concen: 0.046 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.11 min
Lab File: BF101962.D
Acq: 9 Jan 2018 19:44

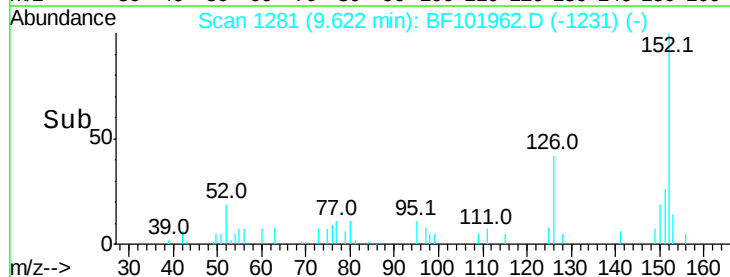
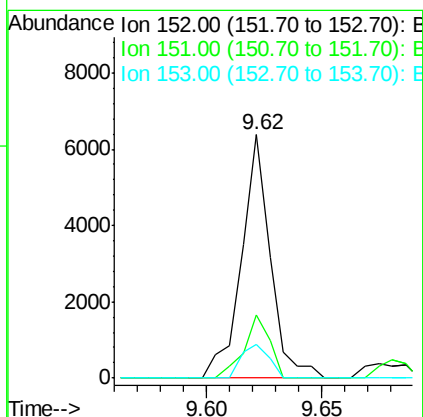
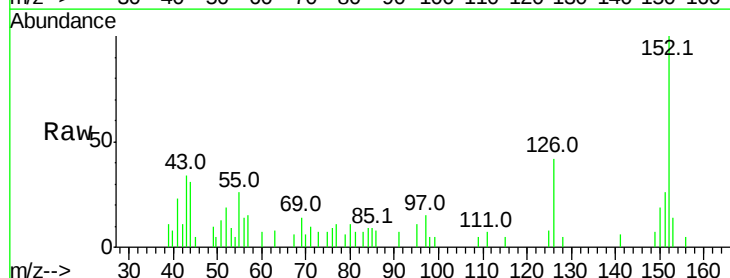
Instrument :
BNA_F
ClientSampled :

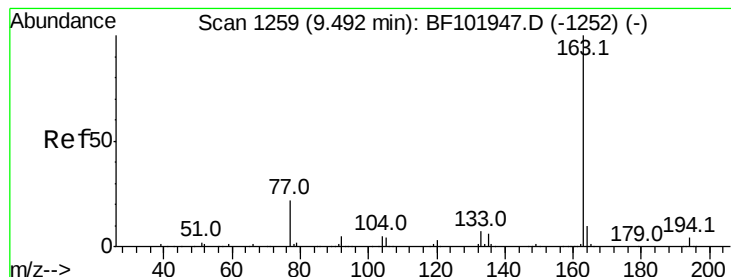
Tot Ion: 65 Resp: 274
Ion Ratio Lower Upper
65 100
92 0.0 55.8 83.6#
138 0.0 91.2 136.8#



#48
Acenaphthylene
Concen: 0.176 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF101962.D
Acq: 9 Jan 2018 19:44

Tgt Ion: 152 Resp: 5579
Ion Ratio Lower Upper
152 100
151 25.7 16.3 24.5#
153 13.7 10.7 16.1





#49

Dimethylphthalate

Concen: 5.793 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

Instrument :

BNA_F

ClientSampleId :

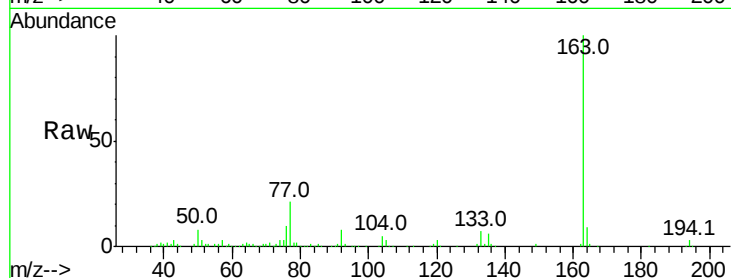
Tot Ion:163 Resp: 135224

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

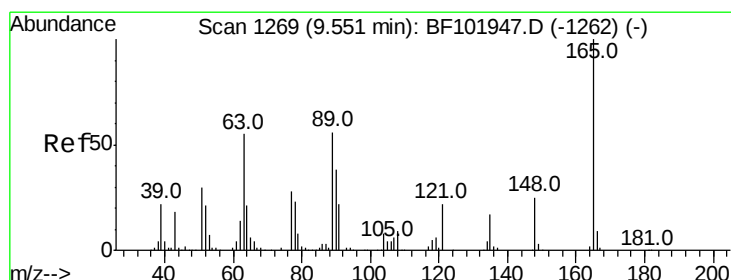
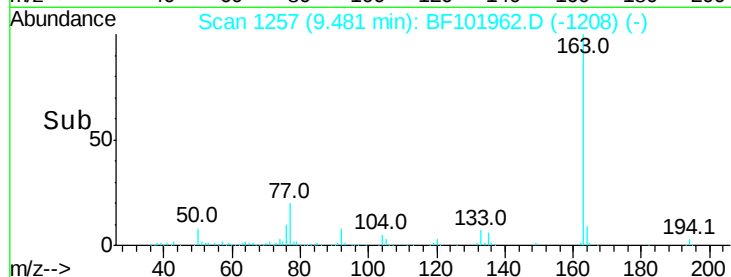
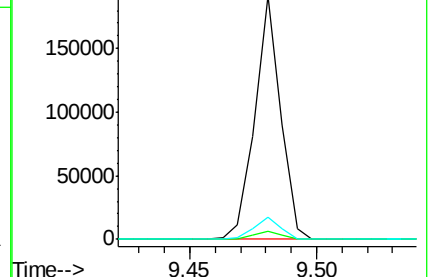
164 9.2 8.2 12.2



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: 0.321 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.07 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

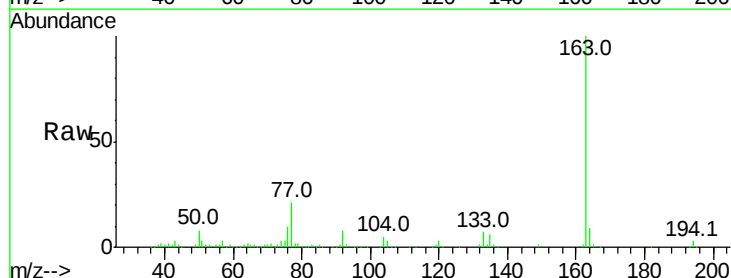
Tgt Ion:165 Resp: 1495

Ion Ratio Lower Upper

165 100

63 152.4 44.7 67.1#

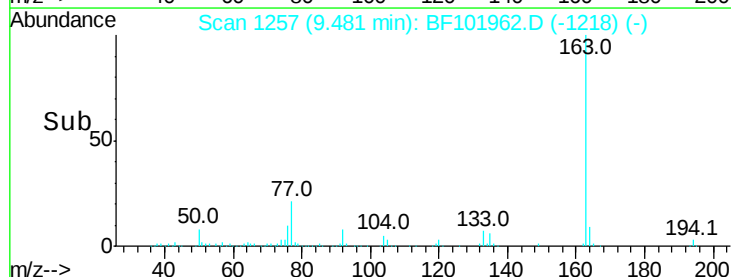
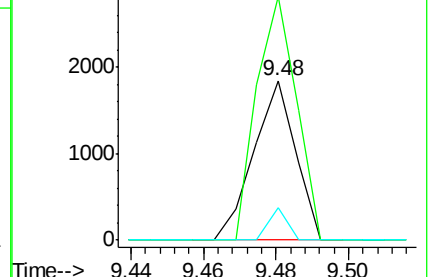
89 20.1 44.0 66.0#

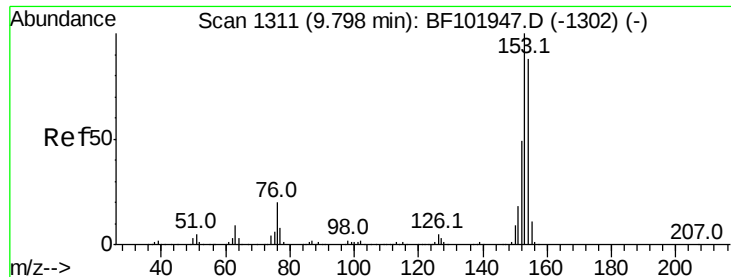


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 0.122 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

Instrument :

BNA_F

ClientSampleId :

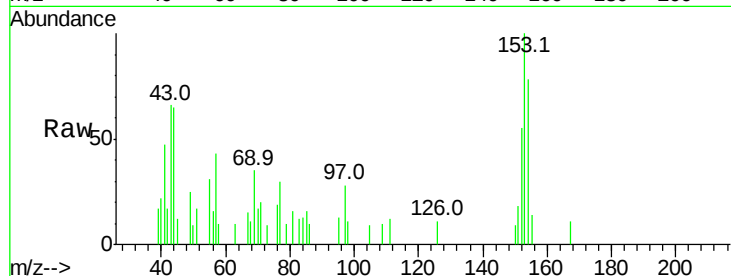
Tot Ion:154 Resp: 2349

Ion Ratio Lower Upper

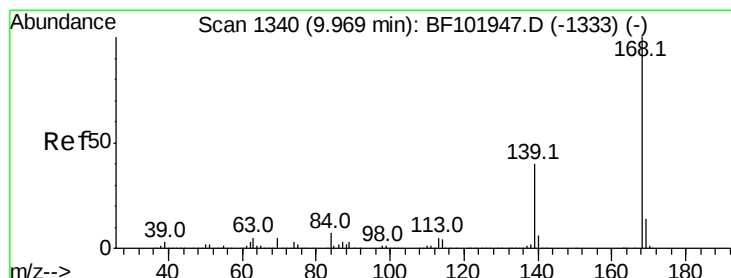
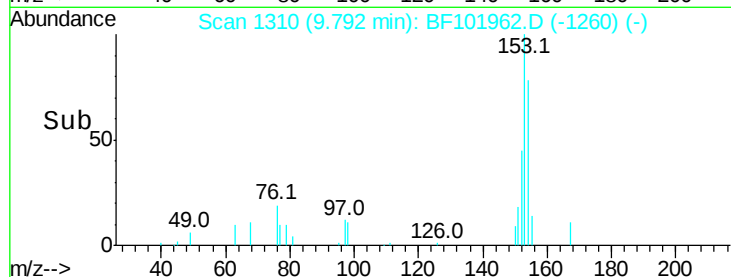
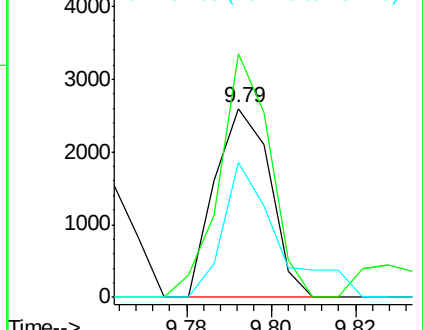
154 100

153 128.8 91.2 136.8

152 71.2 43.8 65.8#



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



#54

Dibenzofuran

Concen: 0.077 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

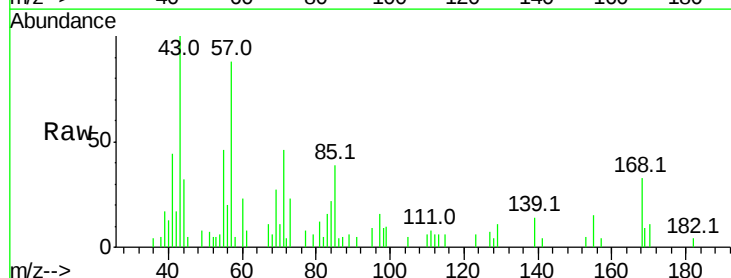
Tgt Ion:168 Resp: 2027

Ion Ratio Lower Upper

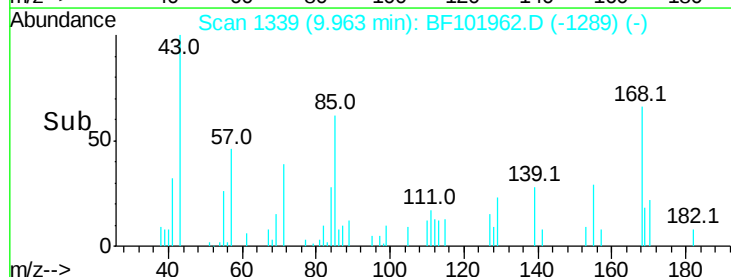
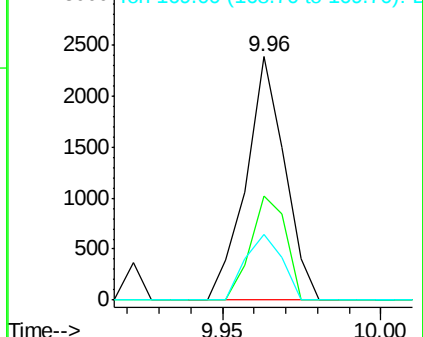
168 100

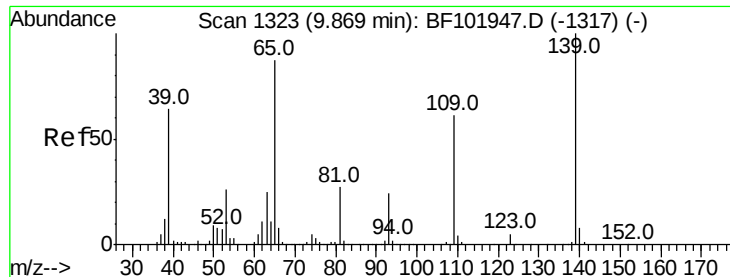
139 42.9 30.1 45.1

169 27.2 10.9 16.3#



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

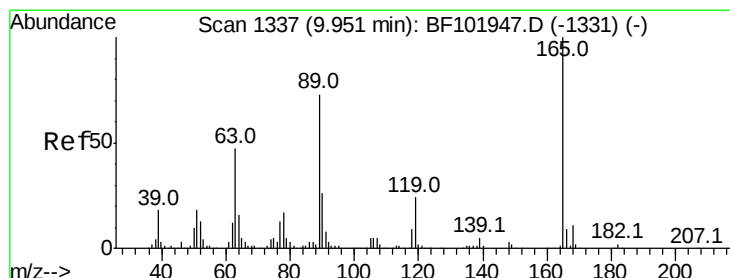
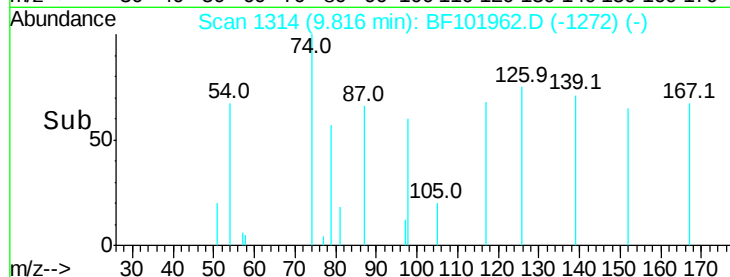
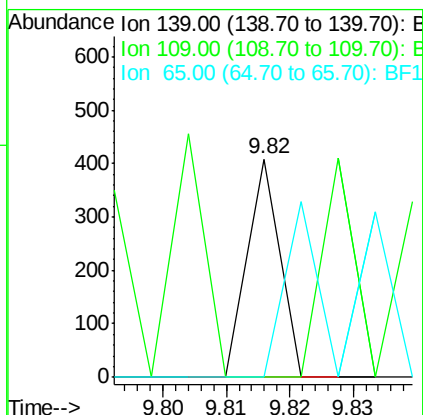
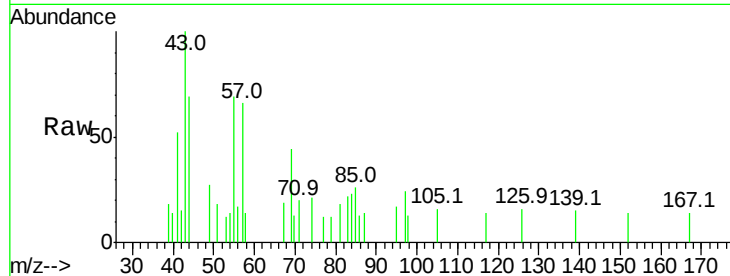




#55
4-Nitrophenol
Concen: 0.033 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.05 min
Lab File: BF101962.D
Acq: 9 Jan 2018 19:44

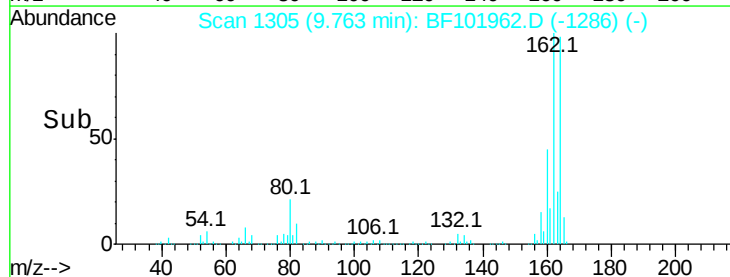
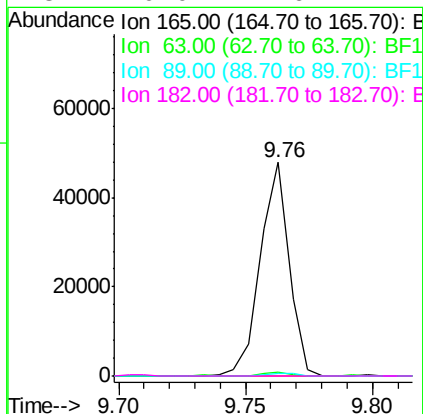
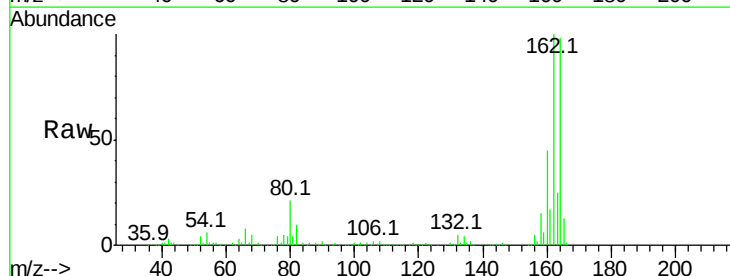
Instrument :
BNA_F
ClientSampleId :

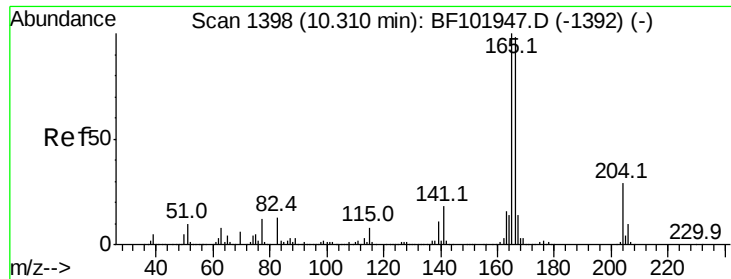
Tot Ion:139 Resp: 144
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 0.0 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 6.561 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF101962.D
Acq: 9 Jan 2018 19:44

Tgt Ion:165 Resp: 38344
Ion Ratio Lower Upper
165 100
63 1.6 36.4 54.6#
89 1.2 57.8 86.6#
182 0.0 1.6 2.4#

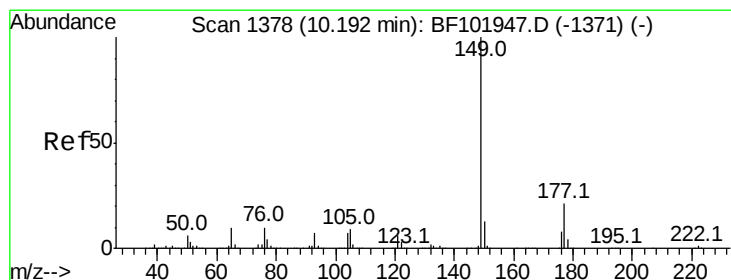
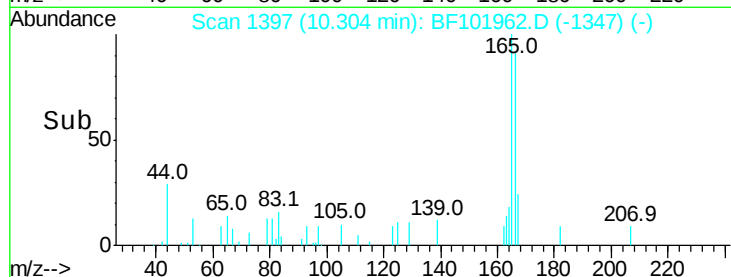
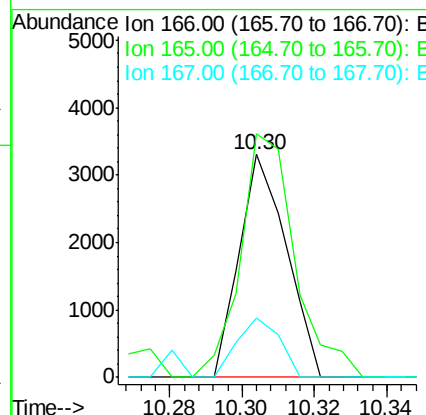
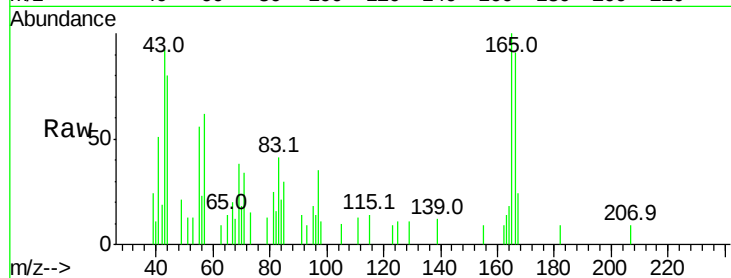




#57
 Fluorene
 Concen: 0.164 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF101962.D
 Acq: 9 Jan 2018 19:44

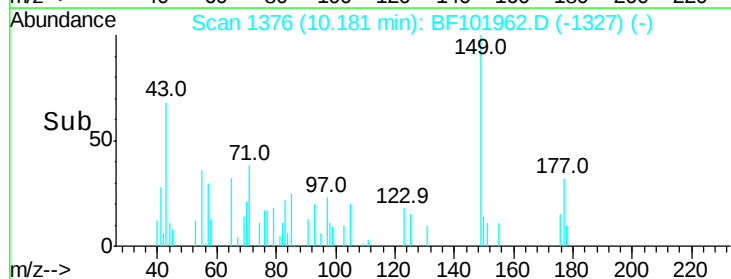
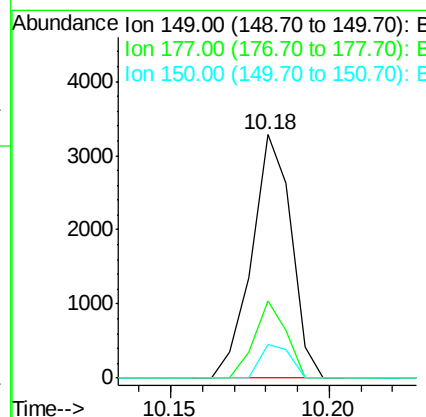
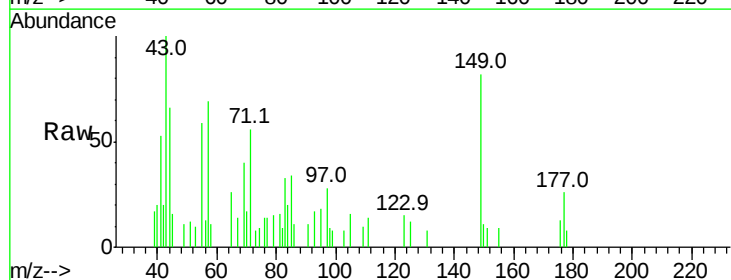
Instrument :
 BNA_F
 ClientSampleId :

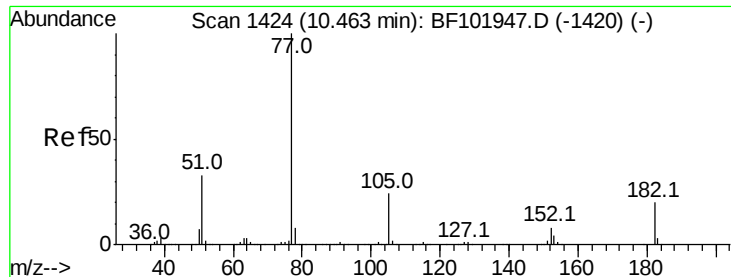
Tot Ion:166 Resp: 2982
 Ion Ratio Lower Upper
 166 100
 165 109.3 79.8 119.8
 167 26.6 10.6 16.0#



#59
 Diethylphthalate
 Concen: 0.122 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BF101962.D
 Acq: 9 Jan 2018 19:44

Tgt Ion:149 Resp: 2837
 Ion Ratio Lower Upper
 149 100
 177 31.7 16.1 24.1#
 150 14.0 10.1 15.1





#62

Azobenzene

Concen: 0.072 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 1665

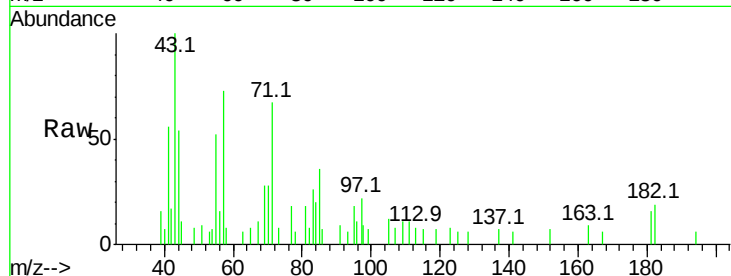
Ion Ratio Lower Upper

77 100

182 104.1 1.7 41.7#

105 66.9 3.0 43.0#

51 51.6 9.9 49.9#

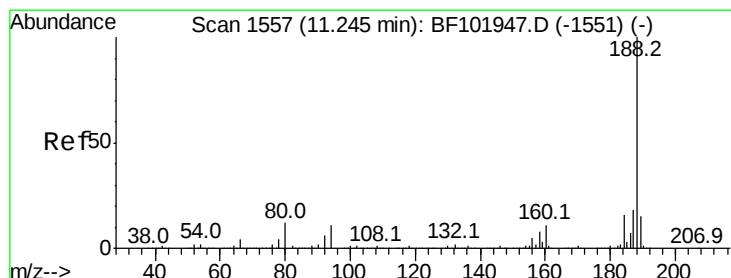
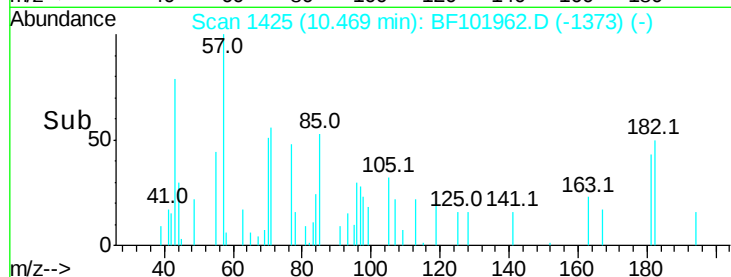
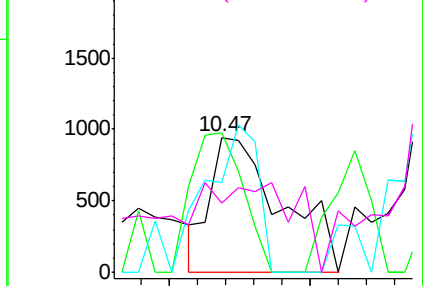


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF101962.D

Acq: 9 Jan 2018 19:44

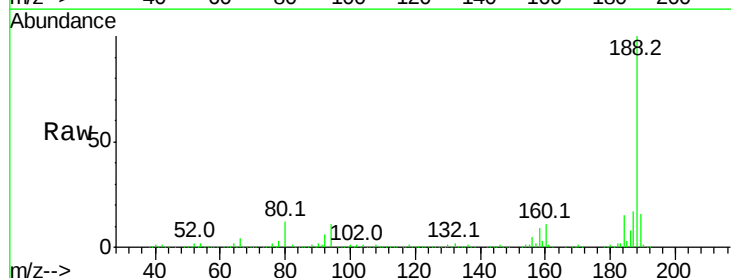
Tgt Ion: 188 Resp: 426729

Ion Ratio Lower Upper

188 100

94 11.3 8.5 12.7

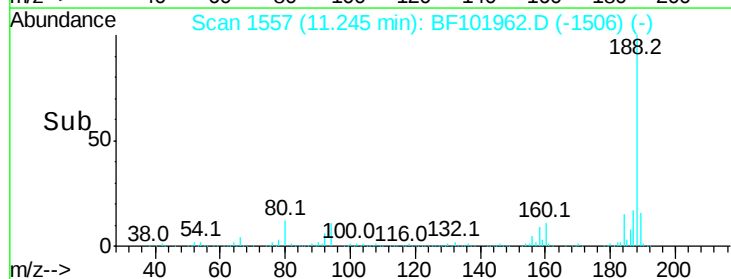
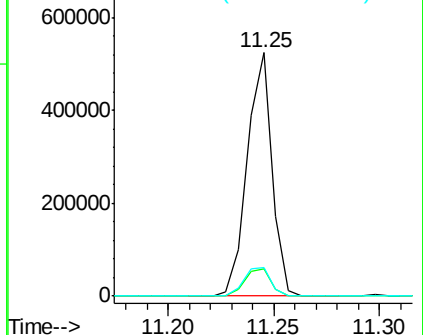
80 12.0 9.2 13.8

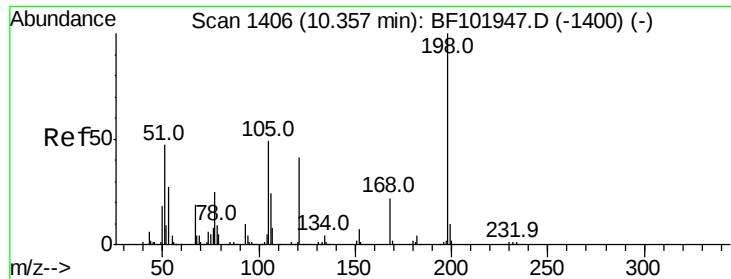


Abundance Ion 188.00 (187.70 to 188.70): E

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: 5.988 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.20 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

Instrument :

BNA_F

ClientSampleId :

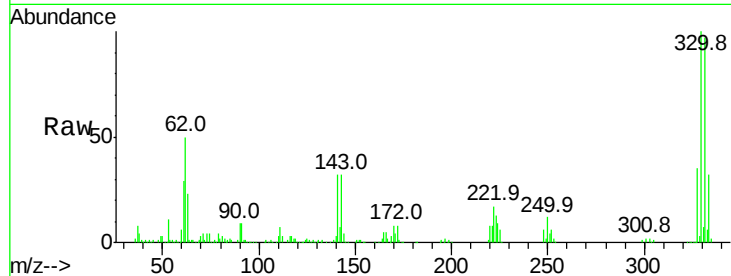
Tot Ion:198 Resp: 856

Ion Ratio Lower Upper

198 100

51 124.6 37.7 77.7#

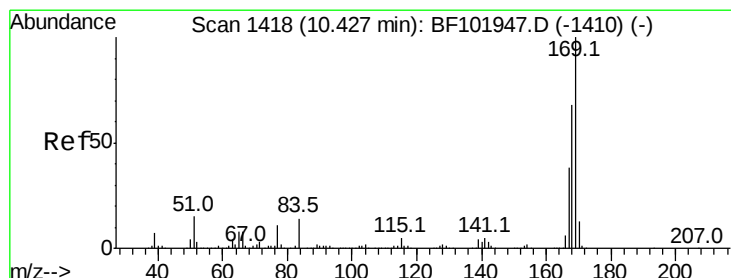
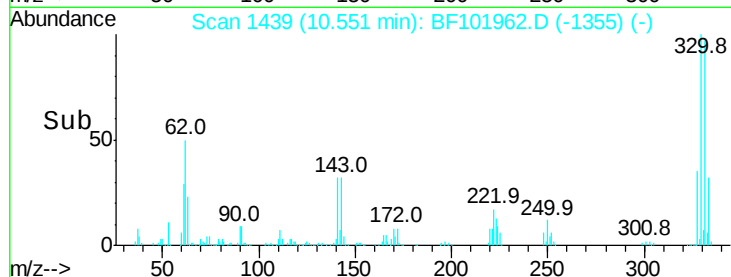
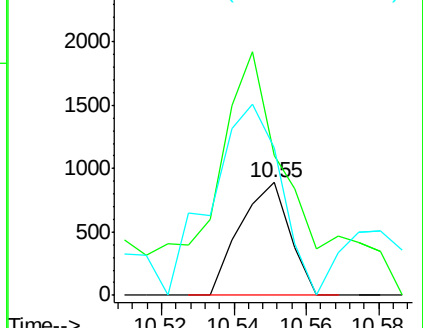
105 130.8 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 0.037 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

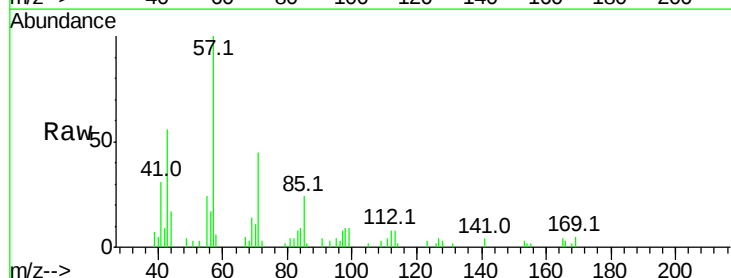
Tgt Ion:169 Resp: 590

Ion Ratio Lower Upper

169 100

168 42.3 54.4 81.6#

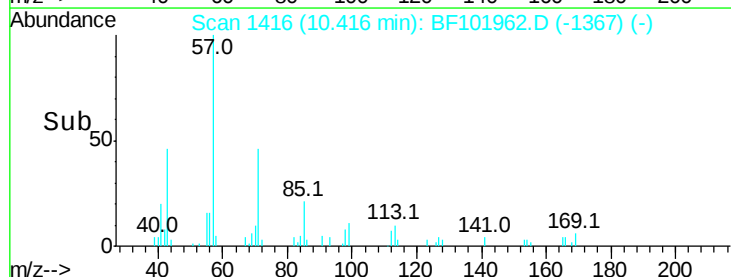
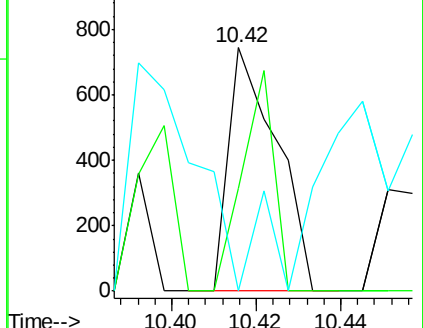
167 0.0 29.8 44.6#

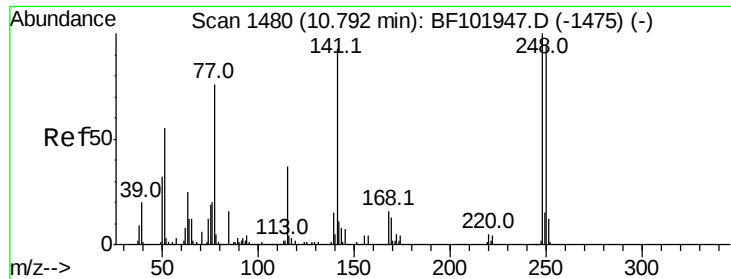


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

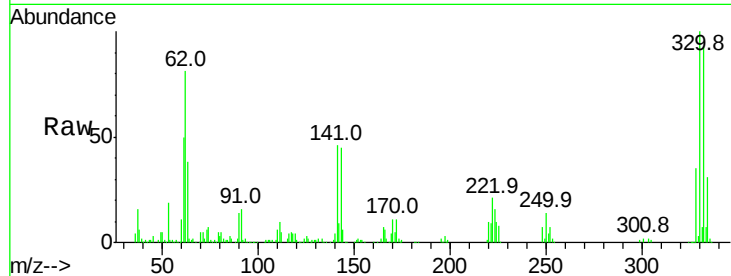




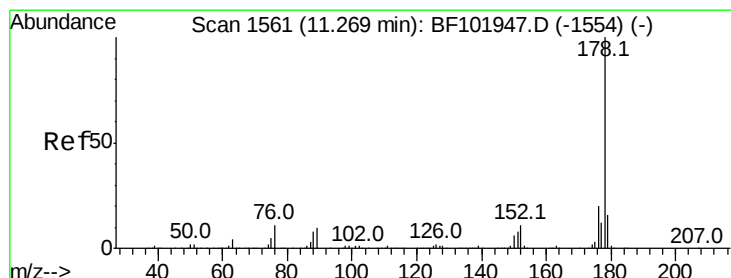
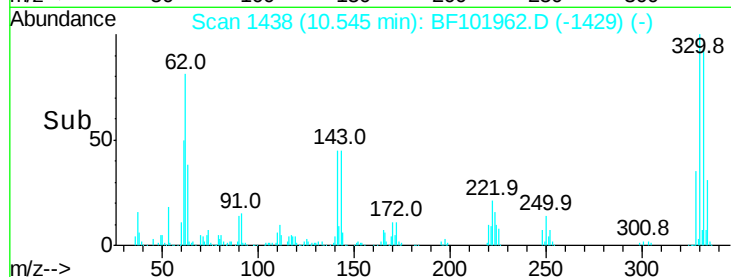
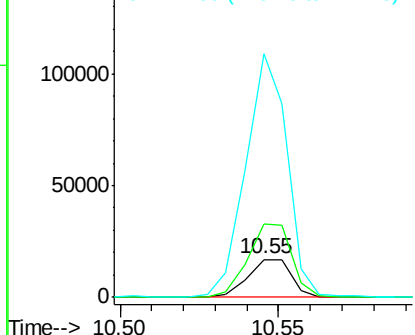
#66
4-Bromophenyl-phenylether
Concen: 3.534 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF101962.D
Acq: 9 Jan 2018 19:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 15926
Ion Ratio Lower Upper
248 100
250 194.6 76.9 115.3#
141 645.1 74.4 111.6#

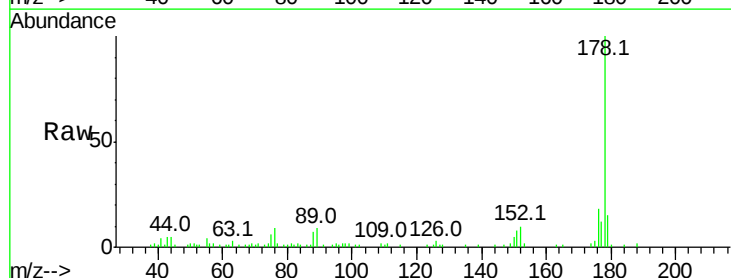


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

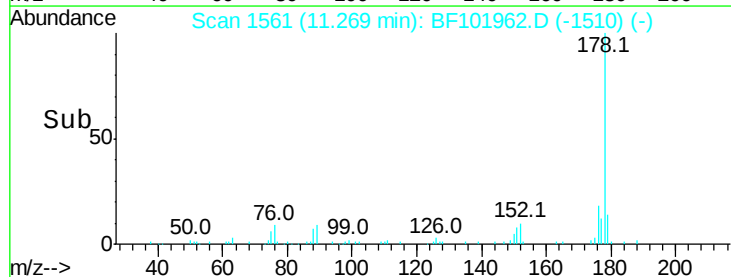
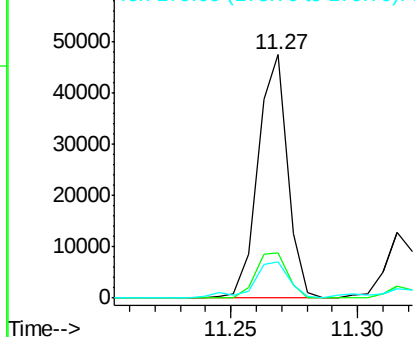


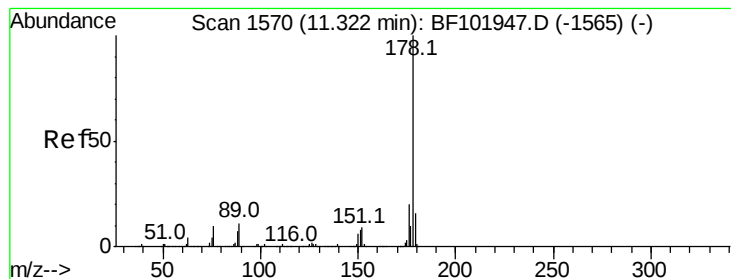
#70
Phenanthrene
Concen: 1.558 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF101962.D
Acq: 9 Jan 2018 19:44

Tgt Ion:178 Resp: 38824
Ion Ratio Lower Upper
178 100
176 18.4 15.8 23.8
179 15.1 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: 0.433 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

Instrument :

BNA_F

ClientSampleId :

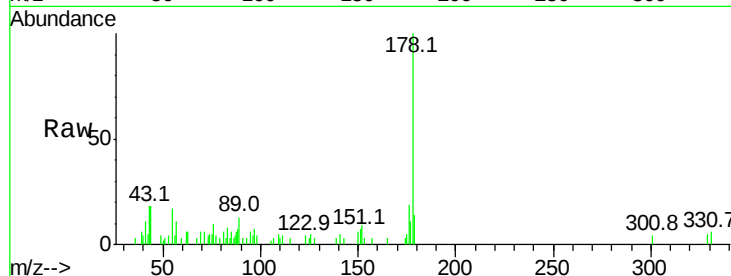
Tot Ion:178 Resp: 10957

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	13.6	12.6	19.0

178 100

176 18.8 15.4 23.2

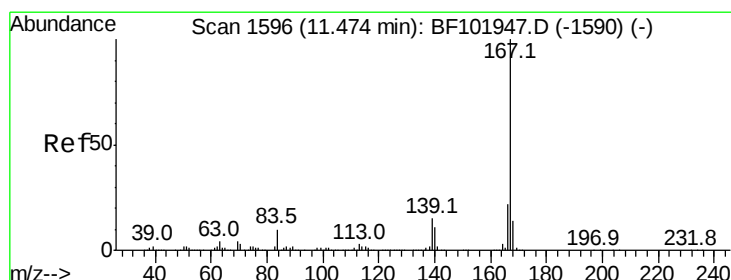
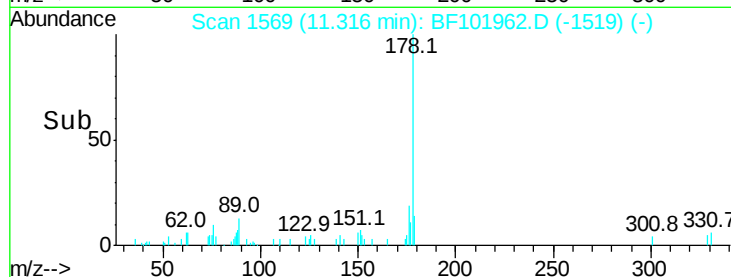
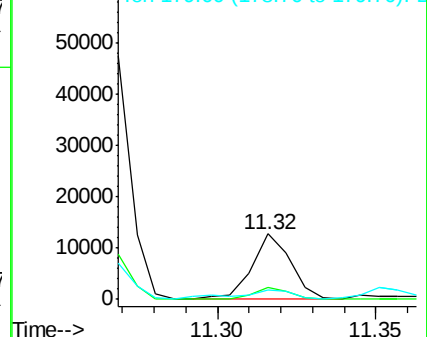
179 13.6 12.6 19.0



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: 0.185 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

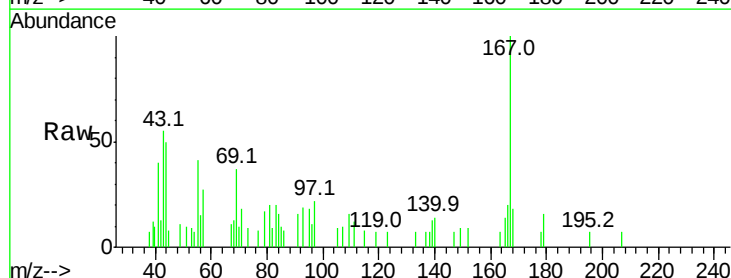
Tgt Ion:167 Resp: 4599

Ion	Ratio	Lower	Upper
167	100		
166	19.5	17.6	26.4
139	13.0	10.9	16.3

167 100

166 19.5 17.6 26.4

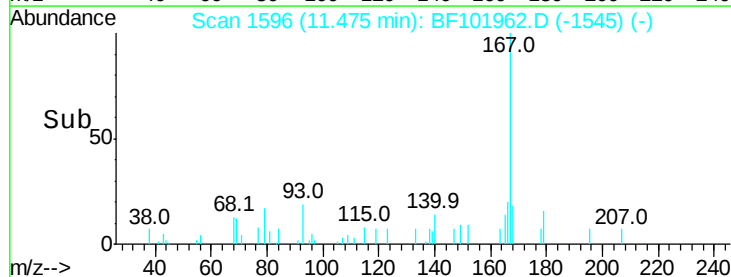
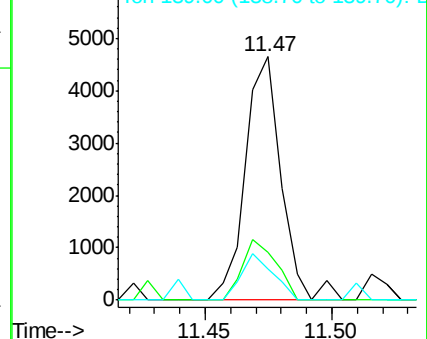
139 13.0 10.9 16.3

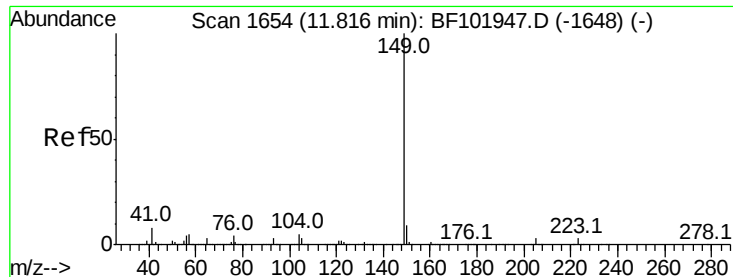


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.193 ng

RT: 11.82 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

Instrument :

BNA_F

ClientSampleId :

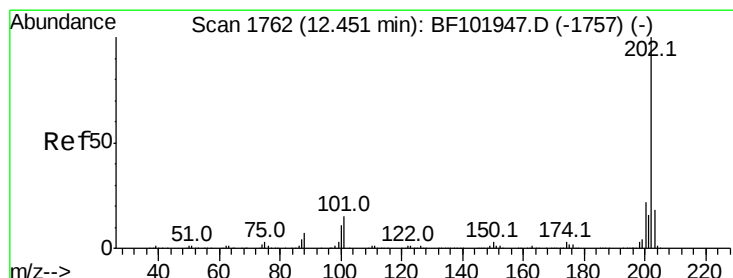
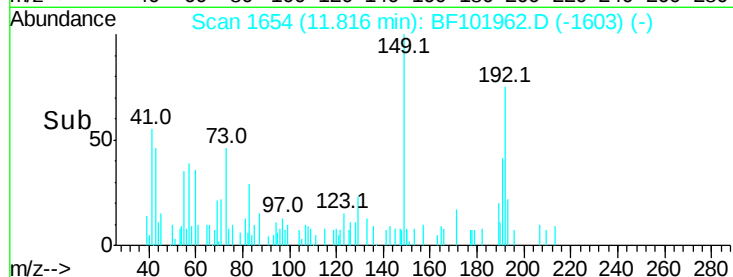
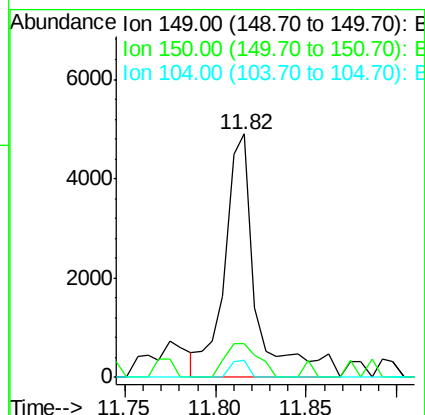
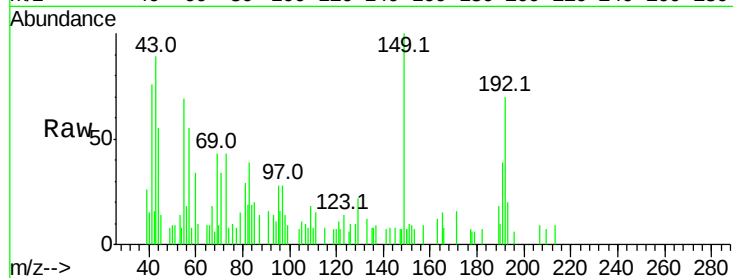
Tot Ion:149 Resp: 5879

Ion Ratio Lower Upper

149 100

150 13.8 7.8 11.6#

104 7.0 3.8 5.8#



#74

Fluoranthene

Concen: 2.767 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

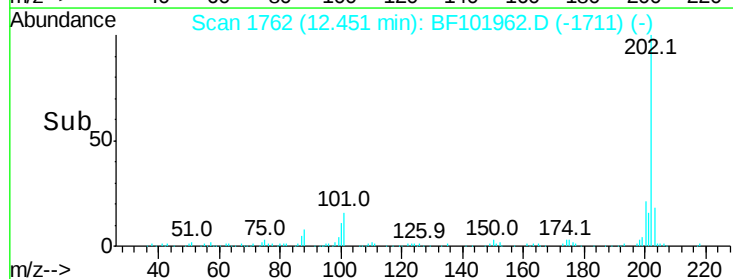
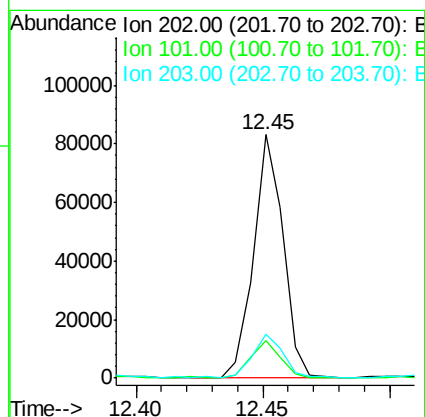
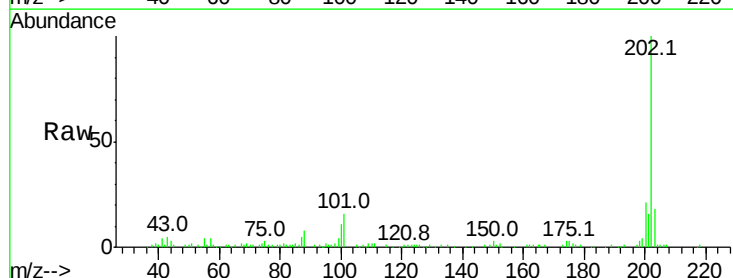
Tgt Ion:202 Resp: 67849

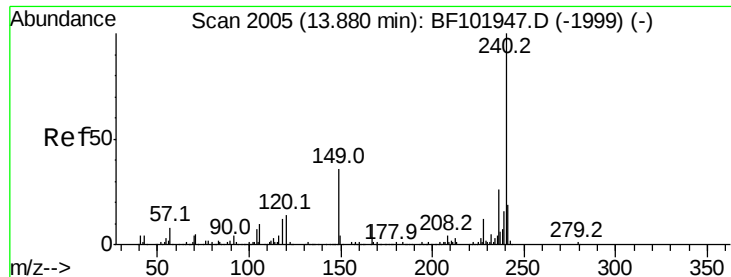
Ion Ratio Lower Upper

202 100

101 15.6 0.0 34.1

203 18.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

Instrument :

BNA_F

ClientSampleId :

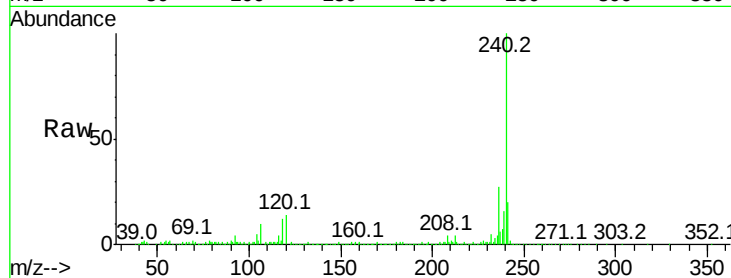
Tot Ion:240 Resp: 428722

Ion Ratio Lower Upper

240 100

120 14.5 9.5 14.3#

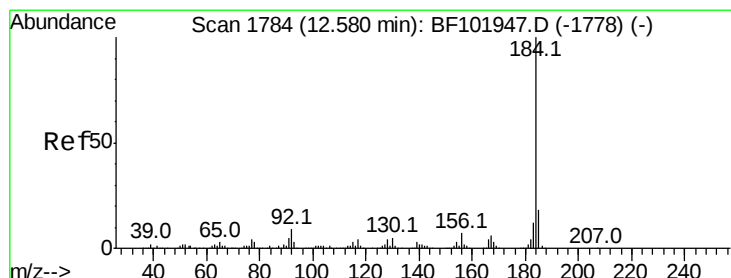
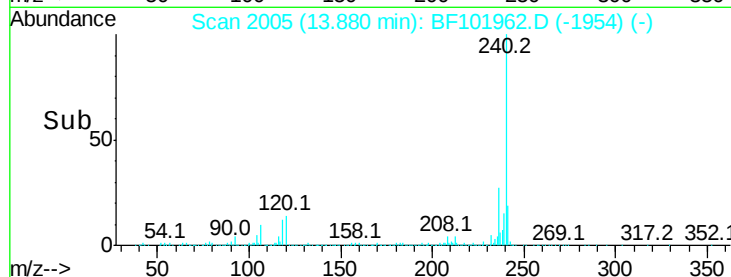
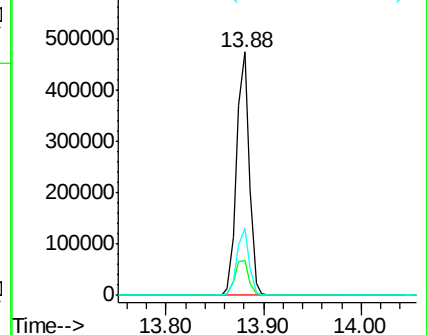
236 27.4 20.7 31.1



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: 0.726 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.25 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

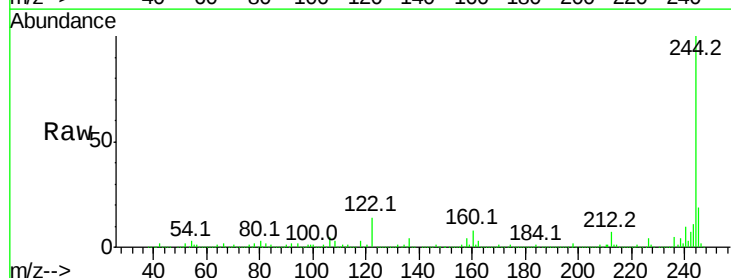
Tgt Ion:184 Resp: 15032

Ion Ratio Lower Upper

184 100

185 19.3 12.6 18.8#

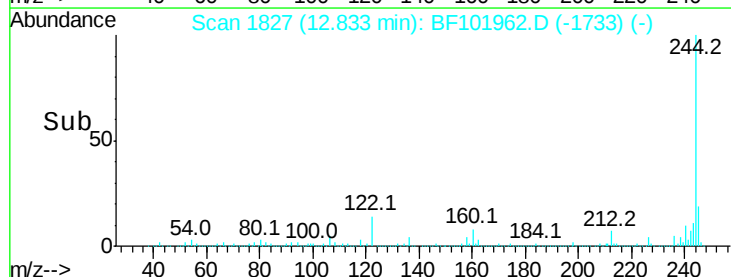
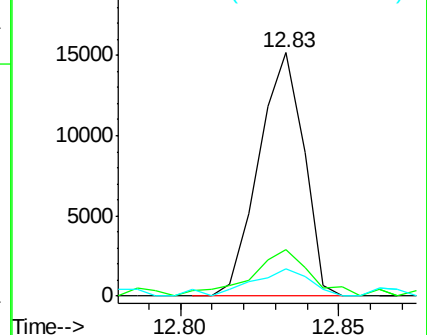
183 11.3 9.3 13.9

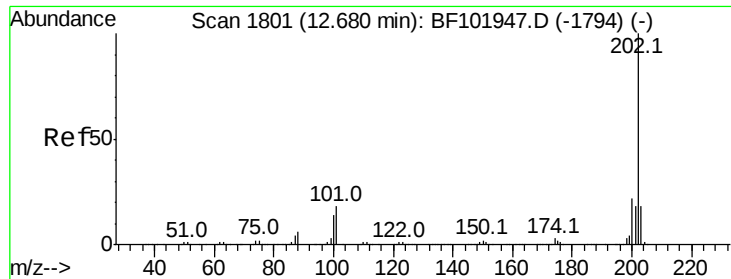


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

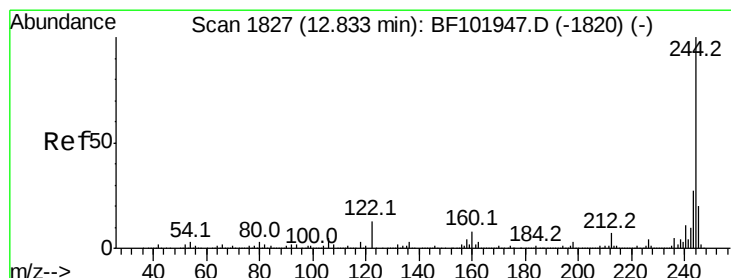
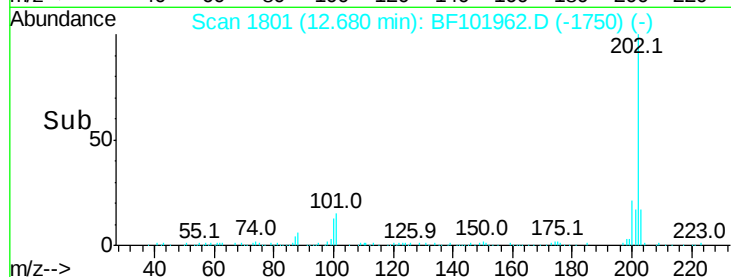
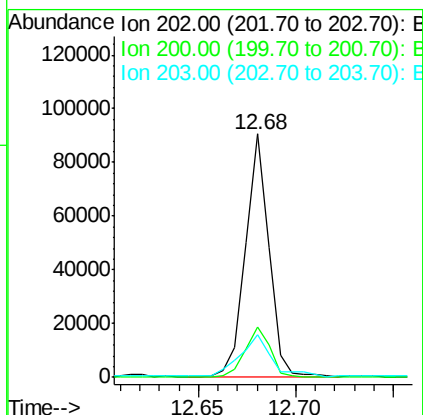
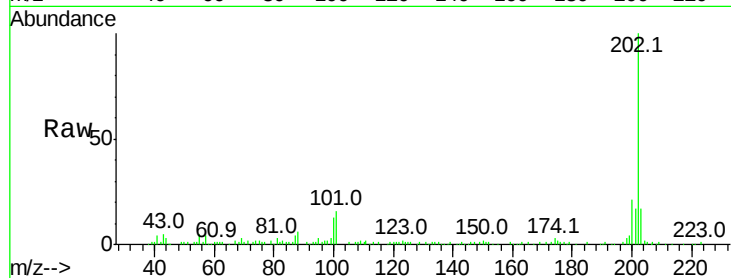




#77
Pvrene
Concen: 2.014 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF101962.D
Acq: 9 Jan 2018 19:44

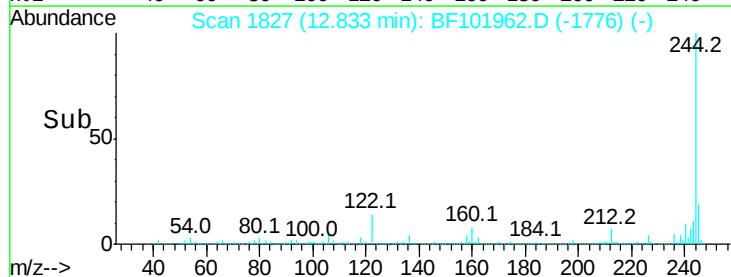
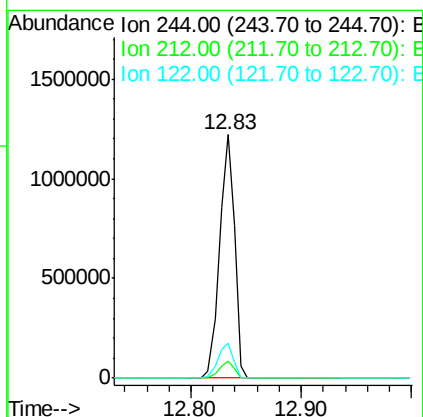
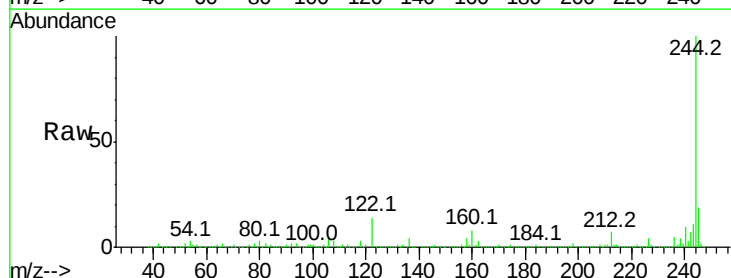
Instrument :
BNA_F
ClientSampleId :

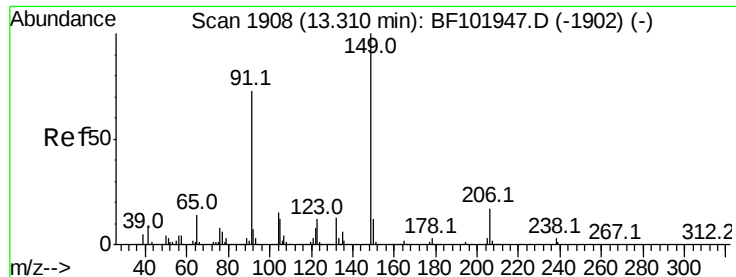
Tot Ion:202 Resp: 76328
Ion Ratio Lower Upper
202 100
200 20.6 17.4 26.2
203 17.4 14.3 21.5



#78
Terphenyl-d14
Concen: 55.721 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF101962.D
Acq: 9 Jan 2018 19:44

Tgt Ion:244 Resp: 1150577
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 14.2 11.0 16.4

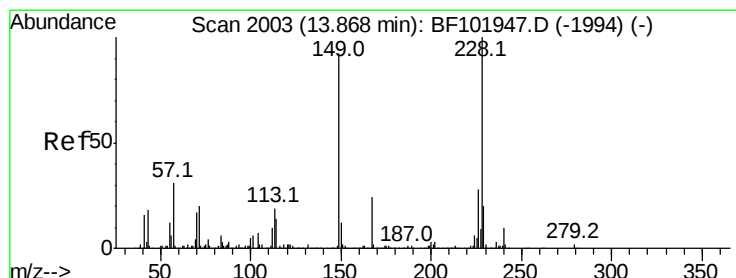
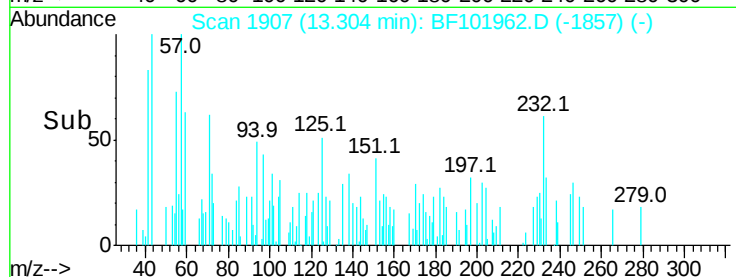
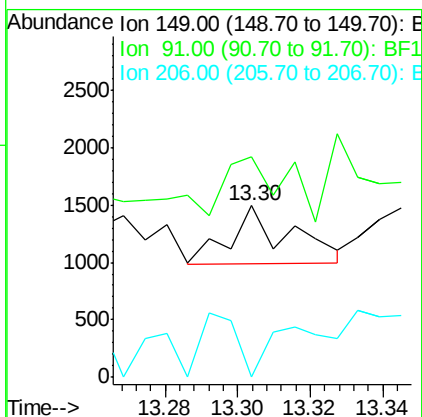
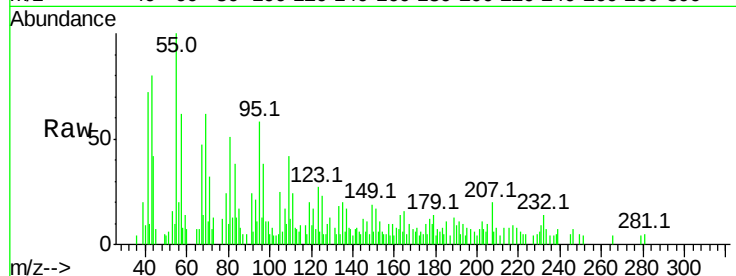




#79
Butylbenzylphthalate
Concen: 0.033 ng
RT: 13.30 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BF101962.D
Acq: 9 Jan 2018 19:44

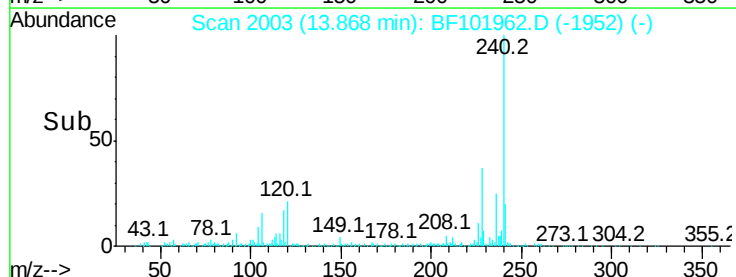
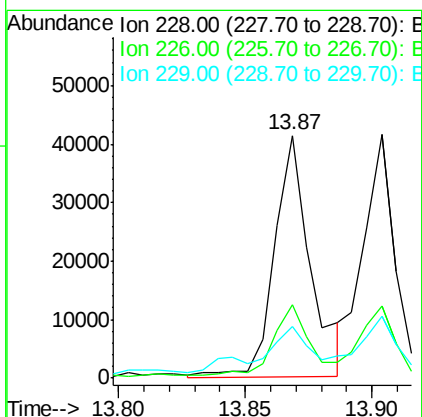
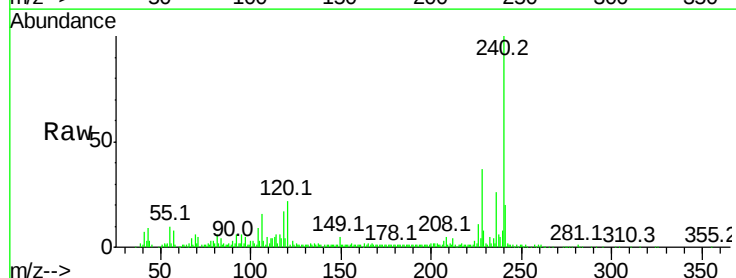
Instrument :
BNA_F
ClientSampleId :

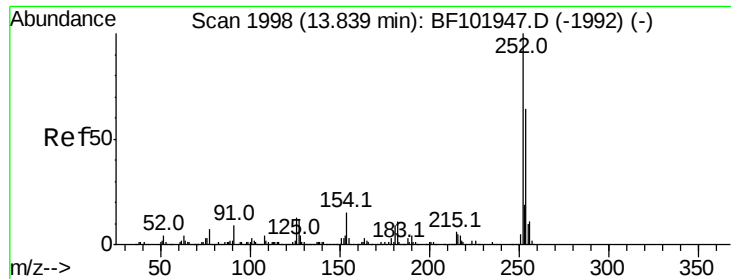
Tot Ion:149 Resp: 576
Ion Ratio Lower Upper
149 100
91 128.5 56.8 85.2#
206 0.0 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 1.513 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF101962.D
Acq: 9 Jan 2018 19:44

Tgt Ion:228 Resp: 41381
Ion Ratio Lower Upper
228 100
226 30.4 22.6 33.8
229 21.4 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 0.010 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

Instrument :

BNA_F

ClientSampled :

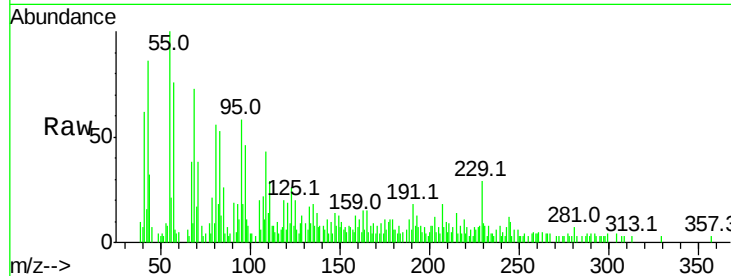
Tot Ion:252 Resp: 106

Ion Ratio Lower Upper

252 100

254 0.0 50.4 75.6#

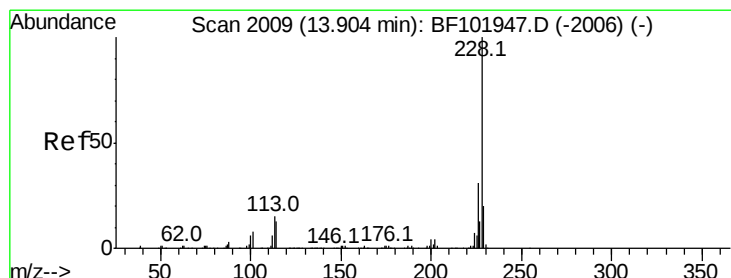
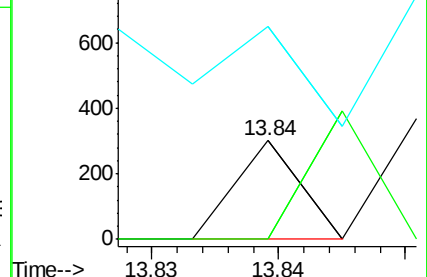
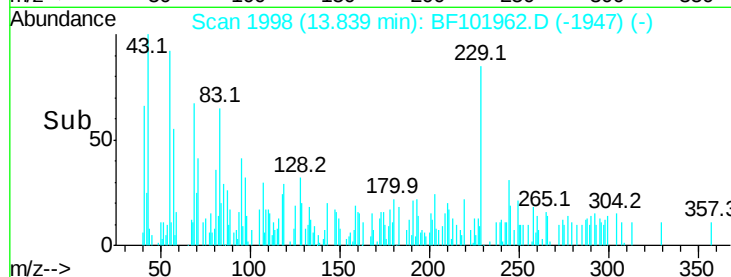
126 215.9 11.3 16.9#



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: 1.451 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.04 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

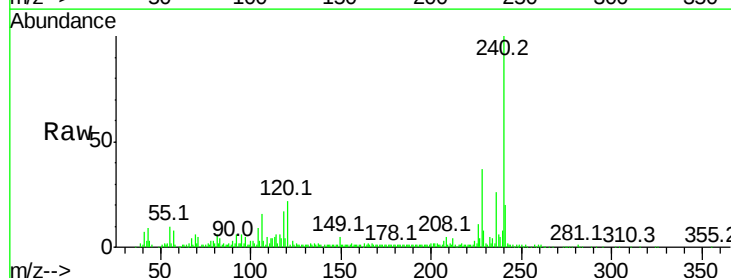
Tgt Ion:228 Resp: 41381

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.6

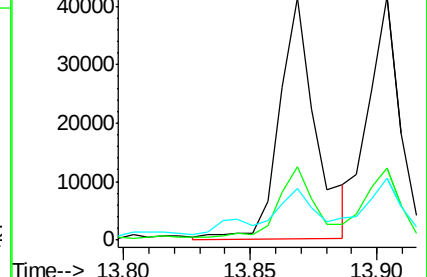
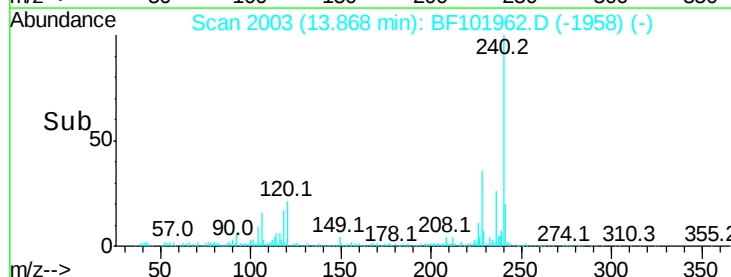
229 21.4 16.2 24.4

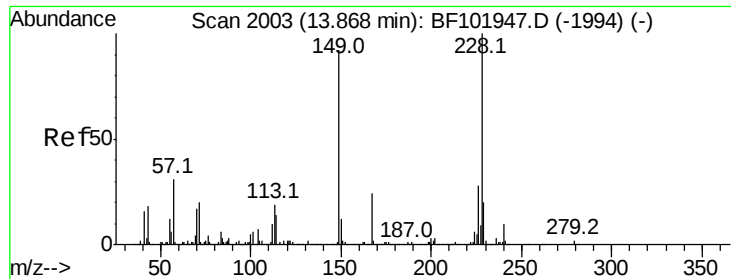


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

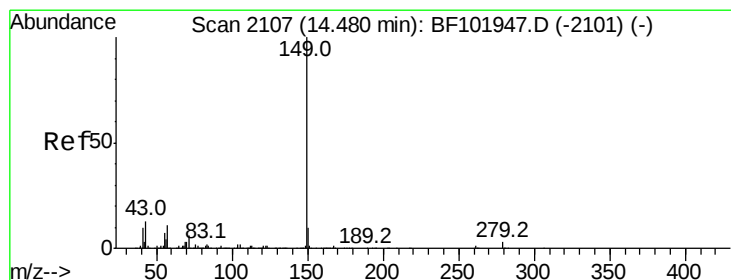
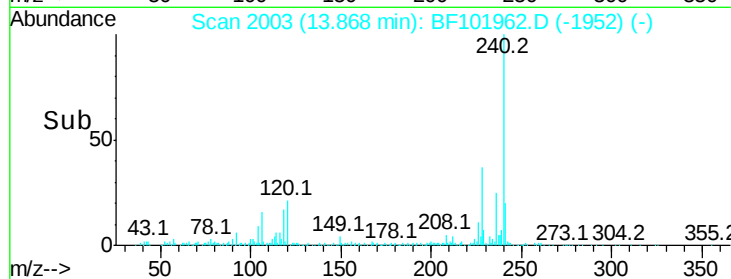
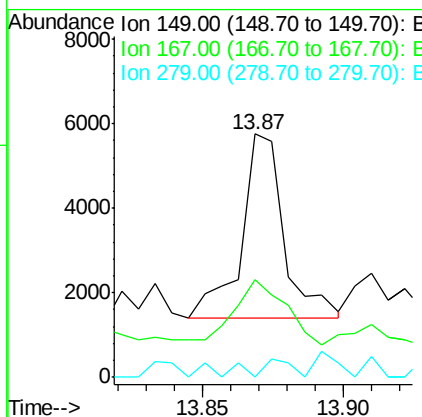
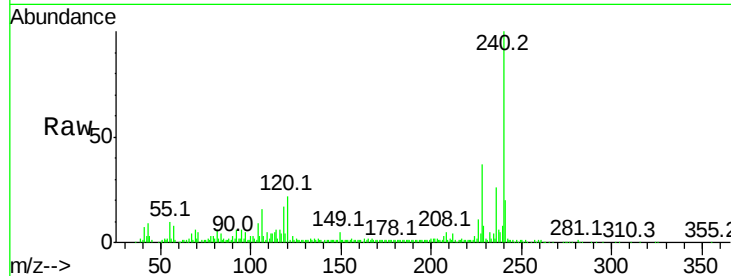




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.228 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BF101962.D
 Acq: 9 Jan 2018 19:44

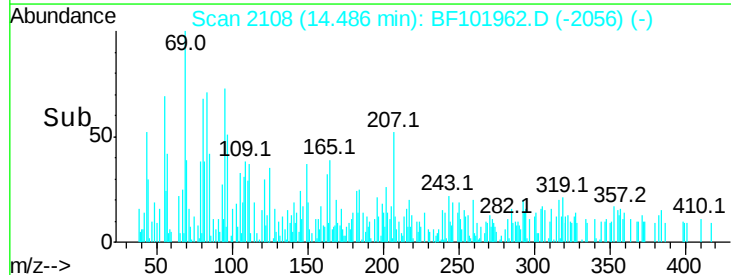
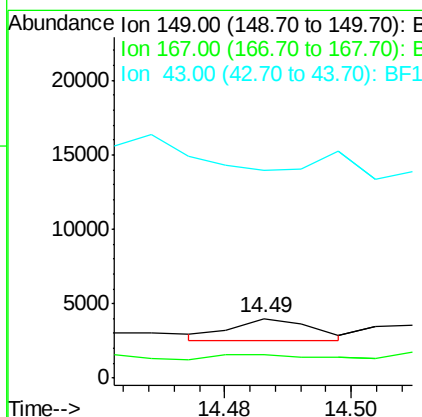
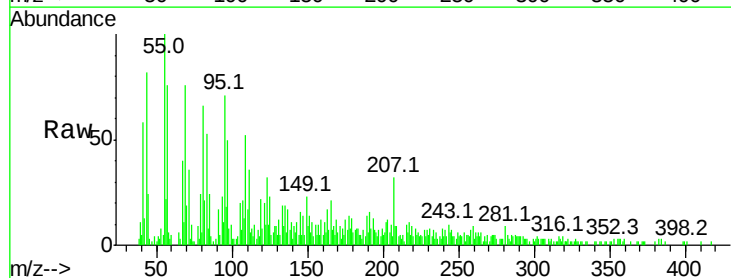
Instrument :
 BNA_F
 ClientSampleId :

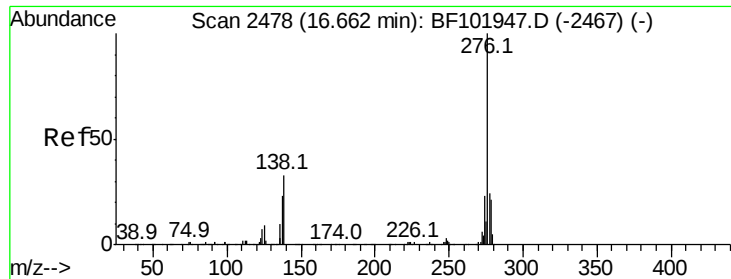
Tot Ion:149 Resp: 4547
 Ion Ratio Lower Upper
 149 100
 167 40.0 21.3 31.9#
 279 0.0 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 0.040 ng
 RT: 14.49 min Scan# 2108
 Delta R.T. 0.01 min
 Lab File: BF101962.D
 Acq: 9 Jan 2018 19:44

Tgt Ion:149 Resp: 1339
 Ion Ratio Lower Upper
 149 100
 167 47.3 1.2 1.8#
 43 201.8 8.4 12.6#

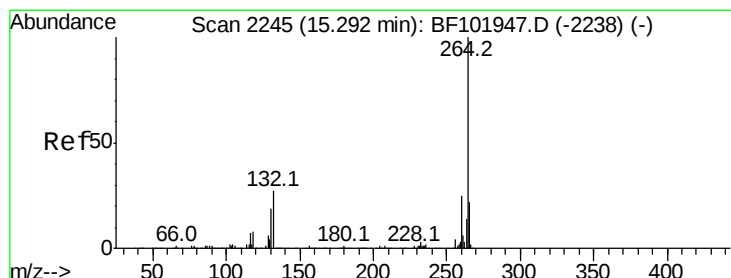
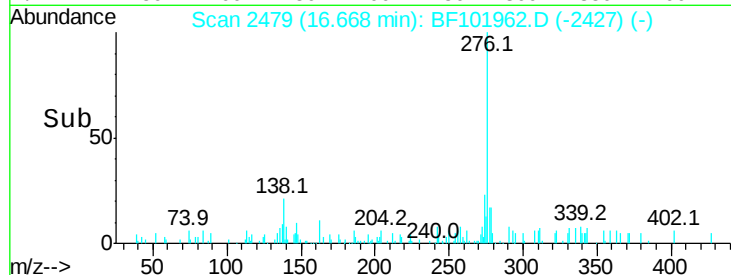
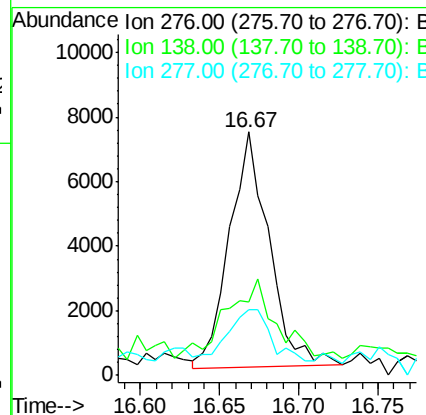
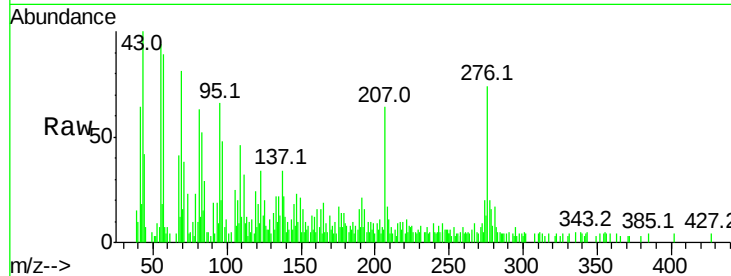




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.612 ng
 RT: 16.67 min Scan# 2479
 Delta R.T. 0.01 min
 Lab File: BF101962.D
 Acq: 9 Jan 2018 19:44

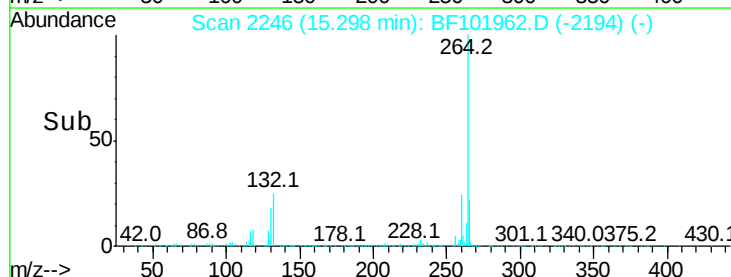
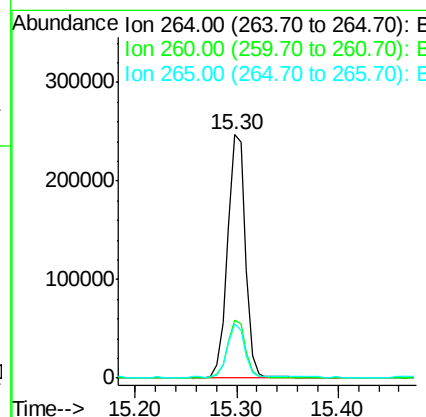
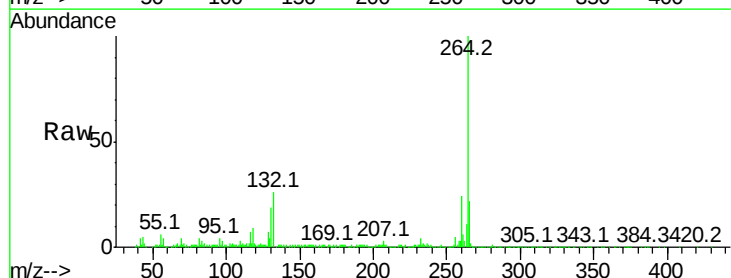
Instrument :
 BNA_F
 ClientSampleId :

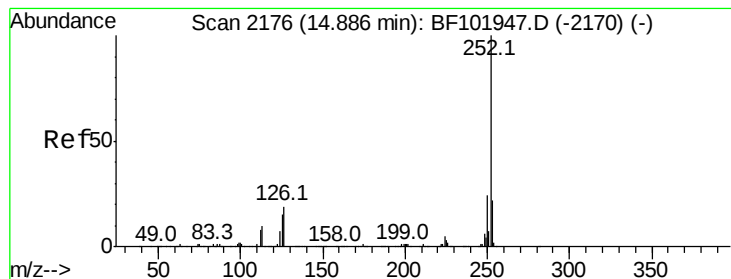
Tot Ion:276 Resp: 12700
 Ion Ratio Lower Upper
 276 100
 138 42.0 25.0 37.6#
 277 22.0 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF101962.D
 Acq: 9 Jan 2018 19:44

Tgt Ion:264 Resp: 302512
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.2 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 2.508 ng

RT: 14.89 min Scan# 2177

Delta R.T. 0.01 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

Instrument :

BNA_F

ClientSampleId :

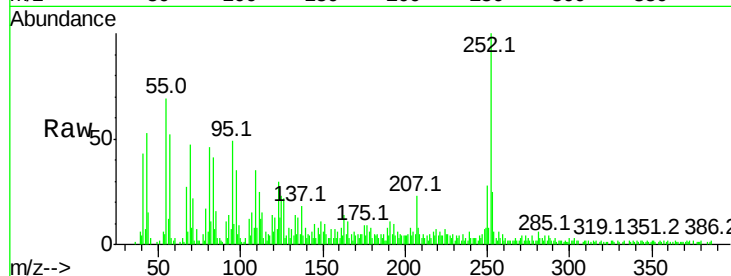
Tot Ion:252 Resp: 49477

Ion Ratio Lower Upper

252 100

253 25.2 17.0 25.6

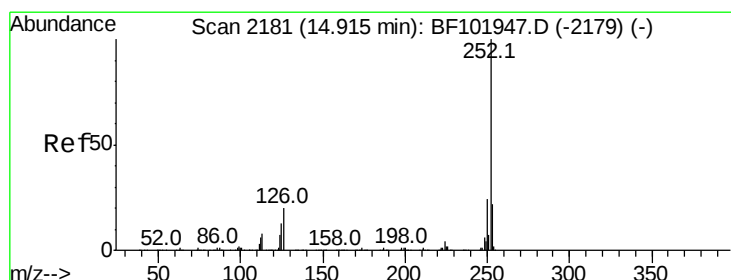
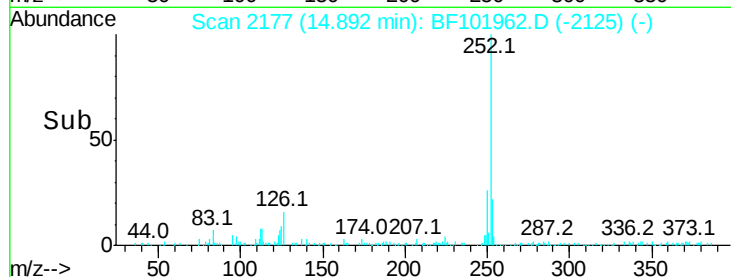
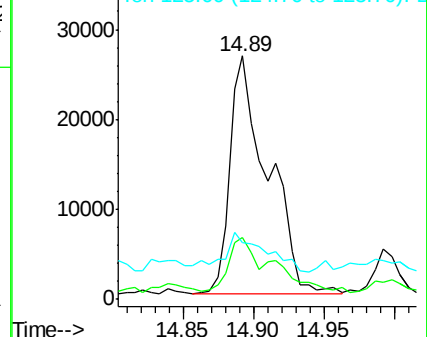
125 23.3 9.0 13.6#



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: 2.600 ng

RT: 14.89 min Scan# 2177

Delta R.T. -0.02 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

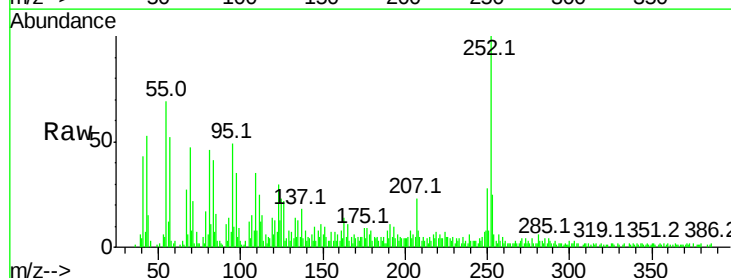
Tgt Ion:252 Resp: 49477

Ion Ratio Lower Upper

252 100

253 25.2 17.9 26.9

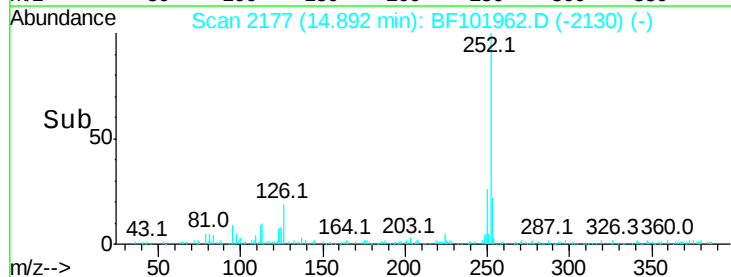
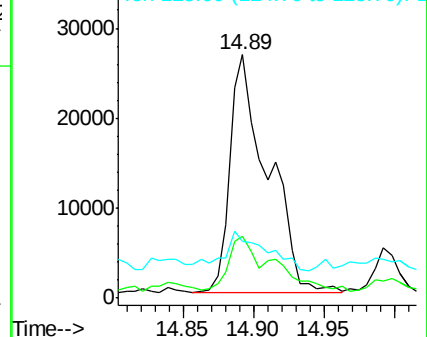
125 23.3 10.2 15.2#

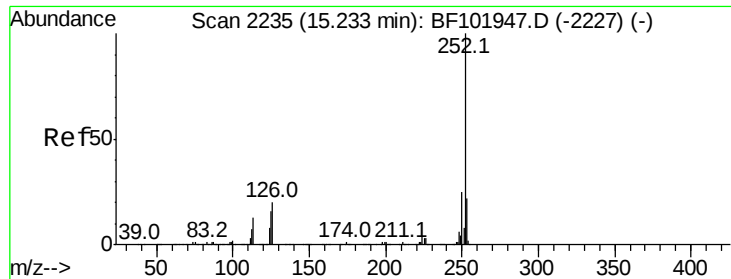


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

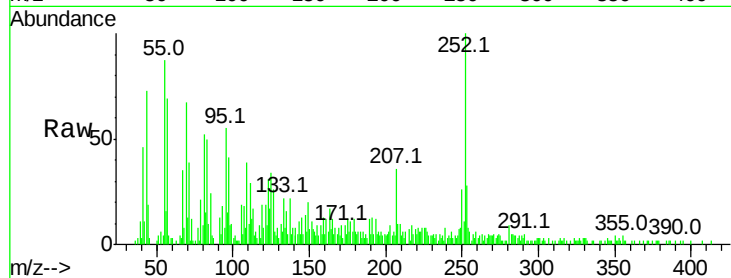




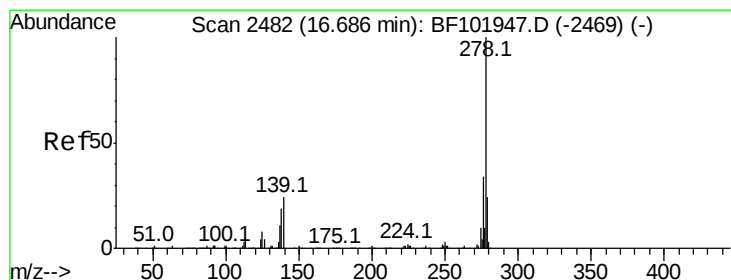
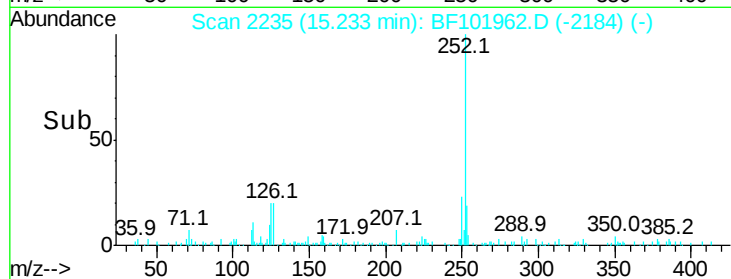
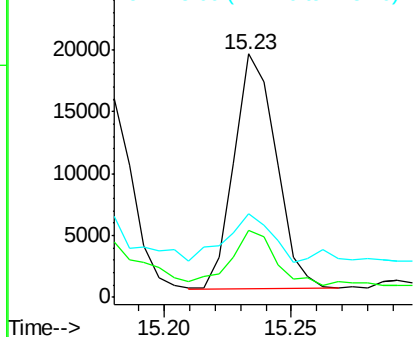
#89
Benzo(a)pyrene
Concen: 1.236 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.00 min
Lab File: BF101962.D
Acq: 9 Jan 2018 19:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 21944
Ion Ratio Lower Upper
252 100
253 27.6 17.1 25.7#
125 34.3 9.8 14.6#

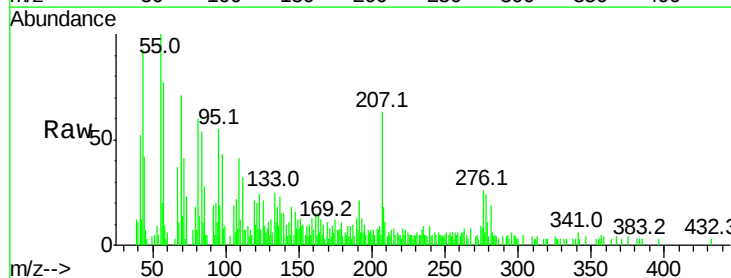


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

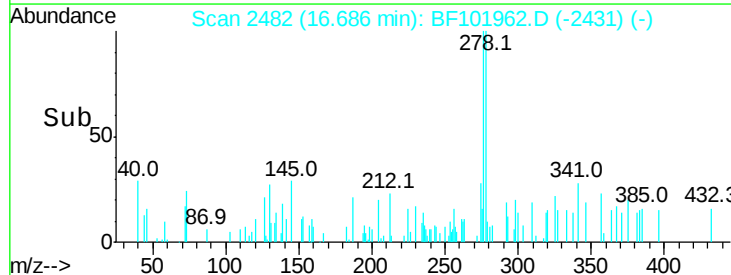
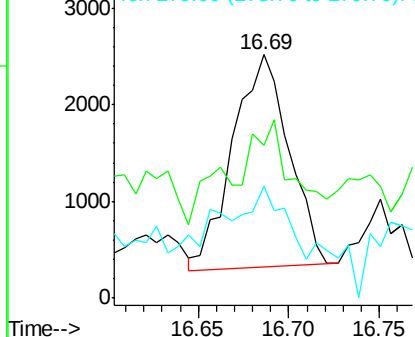


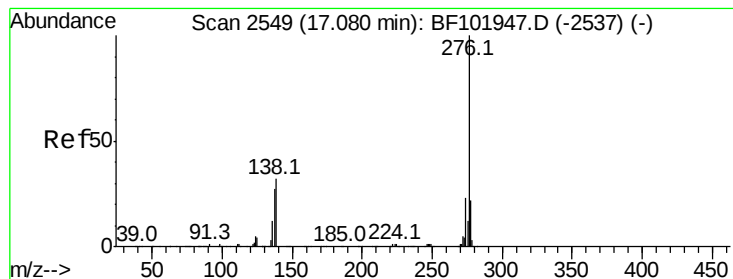
#90
Dibenzo(a,h)anthracene
Concen: 0.335 ng
RT: 16.69 min Scan# 2482
Delta R.T. 0.00 min
Lab File: BF101962.D
Acq: 9 Jan 2018 19:44

Tgt Ion:278 Resp: 4745
Ion Ratio Lower Upper
278 100
139 62.7 15.9 23.9#
279 45.7 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: 0.818 ng

RT: 17.08 min Scan# 2549

Delta R.T. 0.00 min

Lab File: BF101962.D

Acq: 9 Jan 2018 19:44

Instrument :

BNA_F

ClientSampleId :

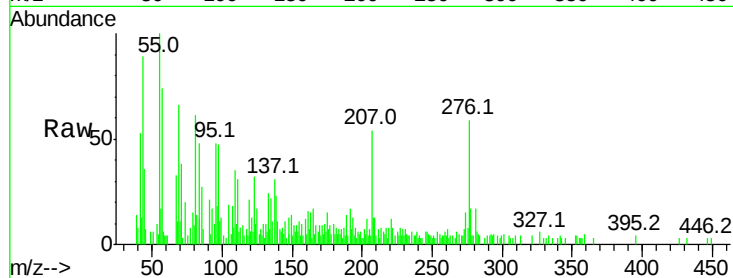
Tot Ion:276 Resp: 11674

Ion Ratio Lower Upper

276 100

277 28.5 17.9 26.9#

138 38.8 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

