

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
 Data File : BF101700.D
 Acq On : 23 Dec 2017 13:32
 Operator : SJ/JU
 Sample : I6847-03
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-646507-01

Quant Time: Dec 24 22:37:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 16:07:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	163702	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	473745	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	271698	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	458495	20.00	ng	0.00
75) Chrysene-d12	13.96	240	311213	20.00	ng	0.00
86) Perylene-d12	15.43	264	301173	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	1339671	121.90	ng	0.02
7) Phenol-d6	6.44	99	1570714	114.84	ng	0.00
23) Nitrobenzene-d5	7.36	82	1074725	126.28	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	352698	134.72	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1636032	93.41	ng	0.00
78) Terphenyl-d14	12.90	244	1351108	104.66	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.56	77	28102	2.782	ng	82
10) Phenol	6.53	94	41177	2.641	ng	95
18) Hexachloroethane	7.22	117	53521	11.554	ng	# 2
19) n-Nitroso-di-n-propylamine	7.36	70	144893	16.131	ng	# 83
20) 3+4-Methylphenols	7.25	107	31281	2.776	ng	86
22) Acetophenone	7.21	105	30433	2.815	ng	# 90
25) Isophorone	7.36	82	1074718	62.950	ng	# 64
27) 2,4-Dimethylphenol	7.89	122	23891	3.475	ng	93
31) Naphthalene	8.10	128	7551664	316.631	ng	98
32) Benzoic acid	7.89	122	23891	12.263	ng	# 17
33) 4-Chloroaniline	8.11	127	1084798	104.649	ng	# 35
35) Caprolactam	8.78	113	12859	5.453	ng	# 1
37) 2-Methylnaphthalene	8.78	142	588262	37.858	ng	99
45) 1,1'-Biphenyl	9.25	154	118074	4.900	ng	97
50) 2,6-Dinitrotoluene	9.82	165	37087	8.350	ng	# 27
54) Dibenzofuran	10.03	168	226527	10.188	ng	99
55) 4-Nitrophenol	10.03	139	83078	34.405	ng	# 10
56) 2,4-Dinitrotoluene	9.82	165	37087	7.411	ng	# 24
57) Fluorene	10.37	166	100863	5.363	ng	98
66) 4-Bromophenyl-phenylether	10.62	248	21409	4.156	ng	# 1
70) Phenanthrene	11.34	178	271054	10.631	ng	99
71) Anthracene	11.34	178	271054	10.407	ng	99
72) Carbazole	11.55	167	296056	12.141	ng	99
74) Fluoranthene	12.53	202	70677	2.641	ng	96

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

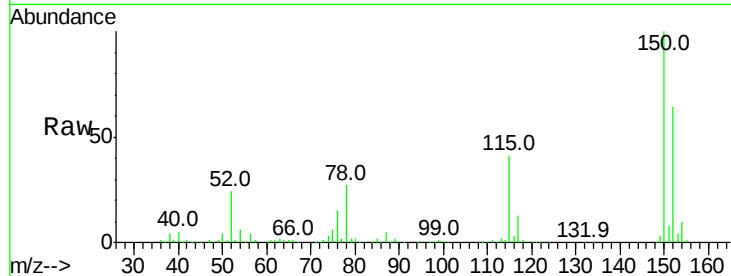


#1

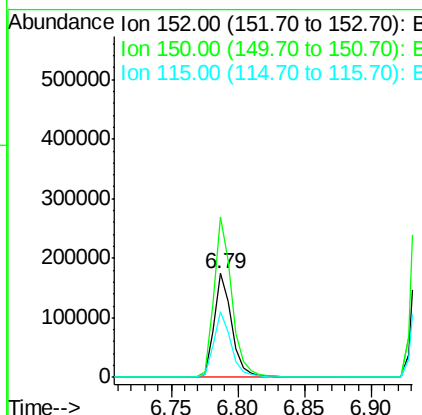
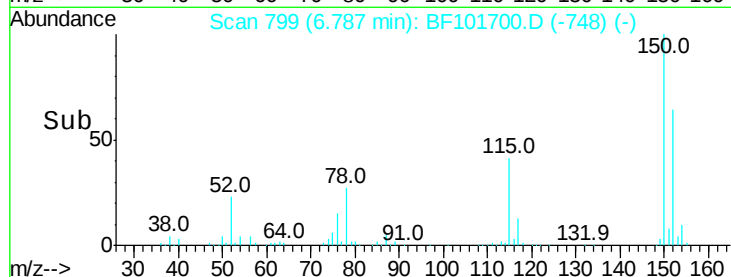
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101700.D
Acq: 23 Dec 2017 13:32

Instrument :
BNA_F
ClientSampleId :
WC-646507-01

Tot Ion:152 Resp: 163702
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 63.4 50.1 75.1



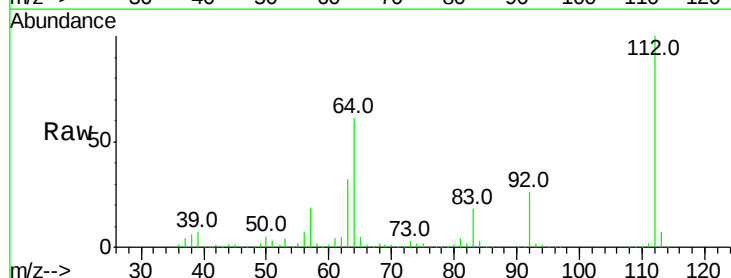
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



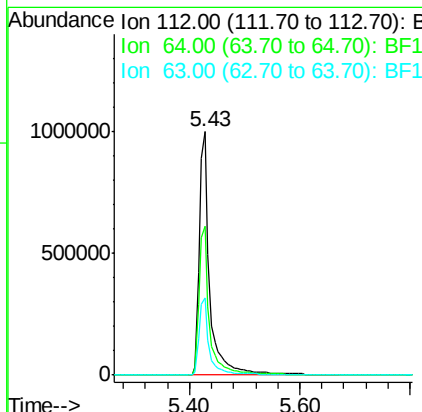
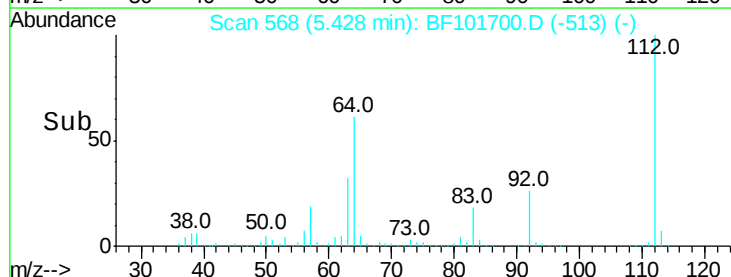
#5

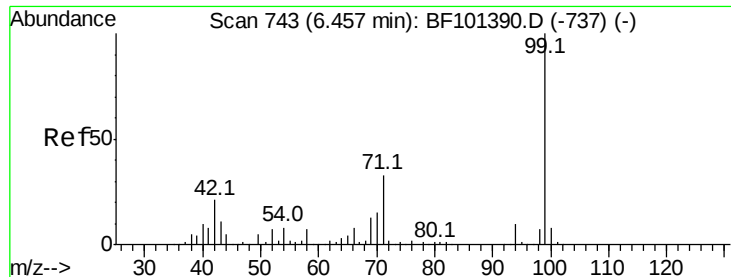
2-Fluorophenol
Concen: 121.901 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF101700.D
Acq: 23 Dec 2017 13:32

Tgt Ion:112 Resp: 1339671
Ion Ratio Lower Upper
112 100
64 60.9 47.9 71.9
63 31.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 114.841 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101700.D

Acq: 23 Dec 2017 13:32

Instrument :

BNA_F

ClientSampleId :

WC-646507-01

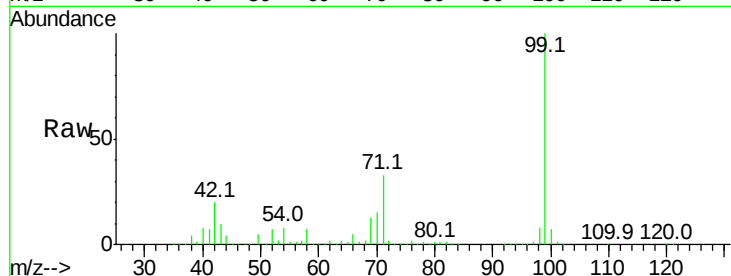
Tot Ion: 99 Resp: 1570714

Ion Ratio Lower Upper

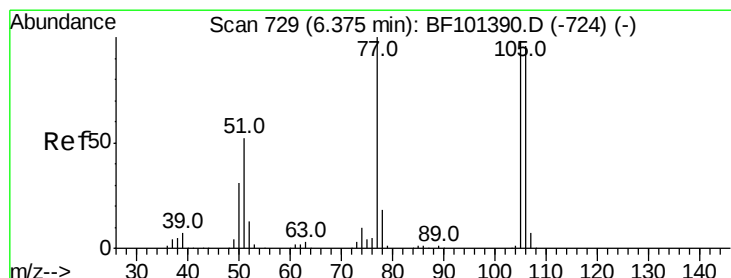
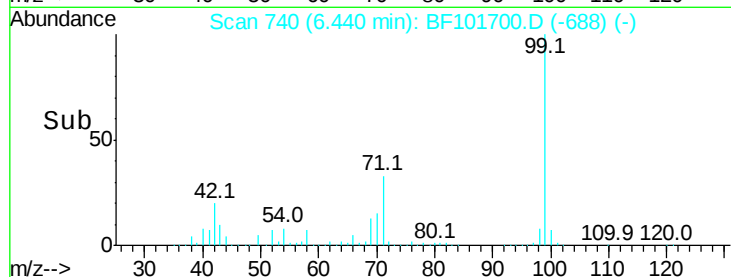
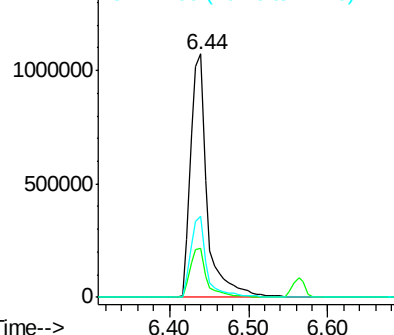
99 100

42 20.1 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



#9

Benzaldehyde

Concen: 2.782 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.22 min

Lab File: BF101700.D

Acq: 23 Dec 2017 13:32

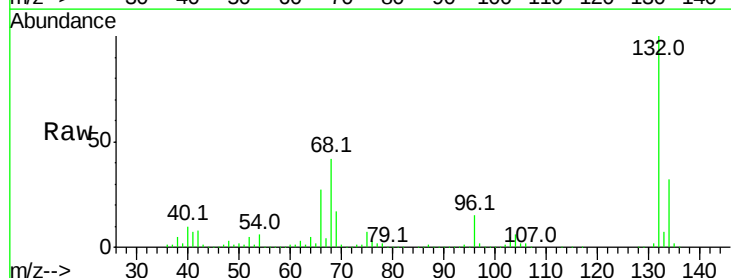
Tgt Ion: 77 Resp: 28102

Ion Ratio Lower Upper

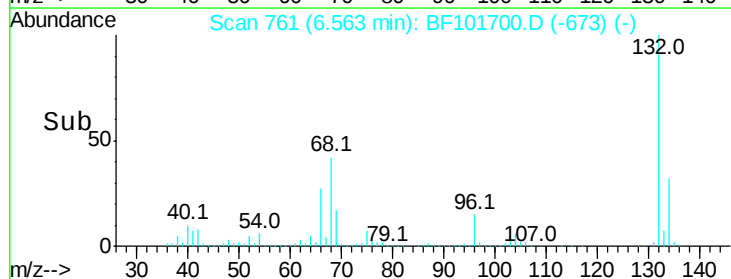
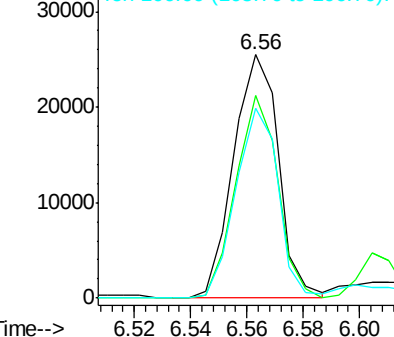
77 100

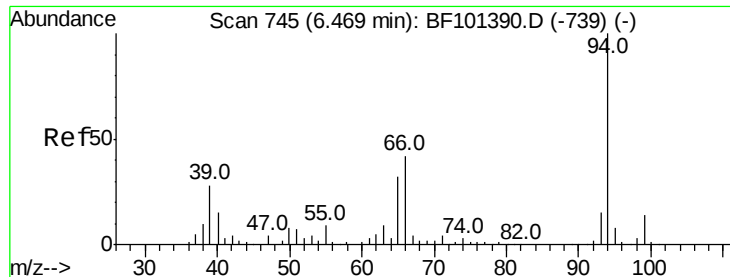
105 83.3 81.1 121.1

106 77.7 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: 2.641 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.08 min

Lab File: BF101700.D

Acq: 23 Dec 2017 13:32

Instrument :

BNA_F

ClientSampleId :

WC-646507-01

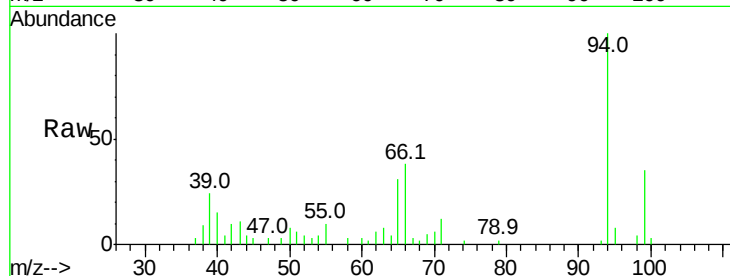
Tot Ion: 94 Resp: 41177

Ion Ratio Lower Upper

94 100

65 31.5 7.9 47.9

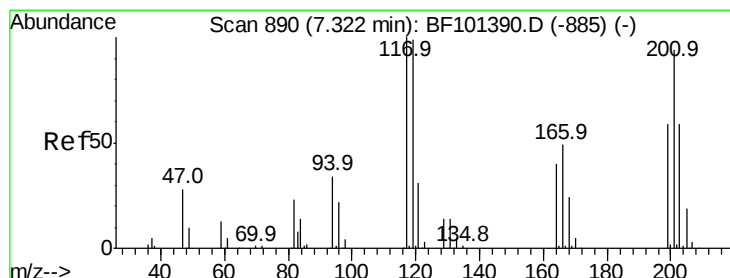
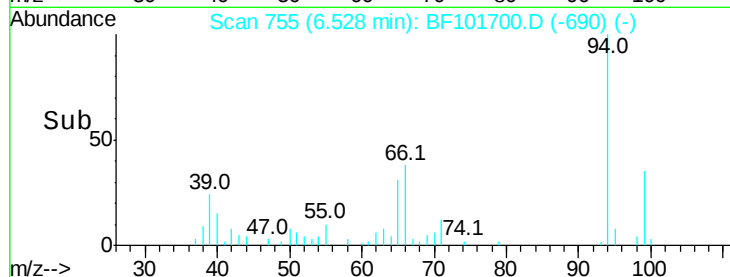
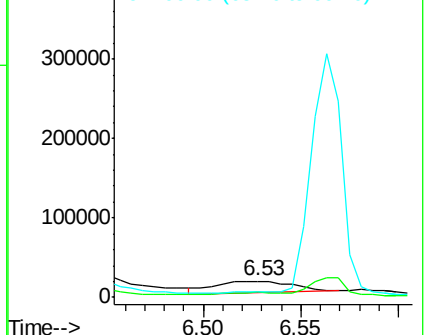
66 37.9 16.2 56.2



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



#18

Hexachloroethane

Concen: 11.554 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.08 min

Lab File: BF101700.D

Acq: 23 Dec 2017 13:32

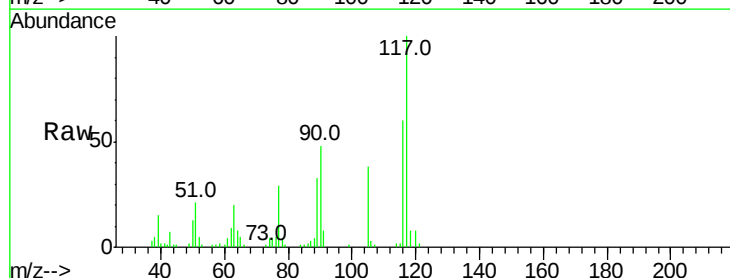
Tgt Ion: 117 Resp: 53521

Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.8#

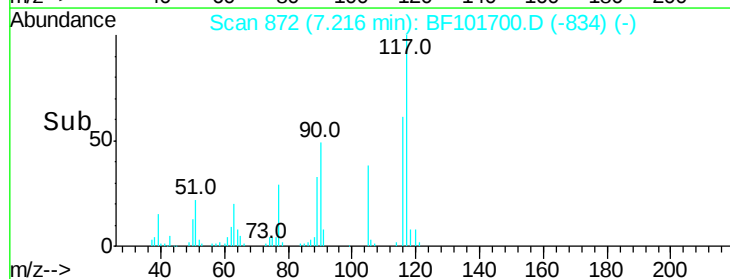
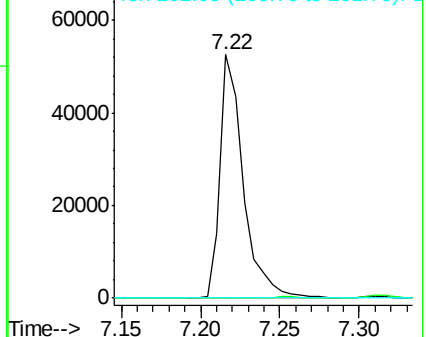
201 0.0 75.7 113.5#

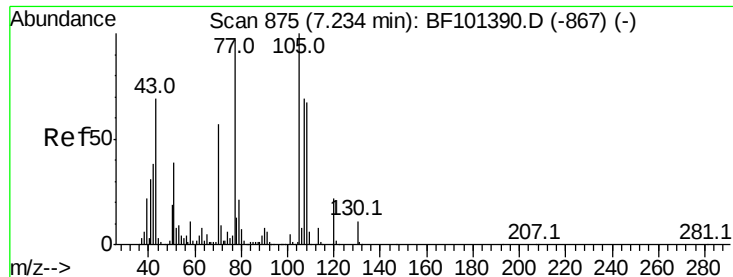


Abundance Ion 117.00 (116.70 to 117.70): E

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: 16.131 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.16 min

Lab File: BF101700.D

Acq: 23 Dec 2017 13:32

Instrument :

BNA_F

ClientSampleId :

WC-646507-01

Tot Ion: 70 Resp: 144893

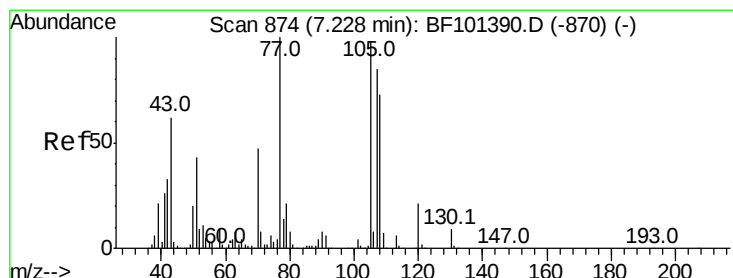
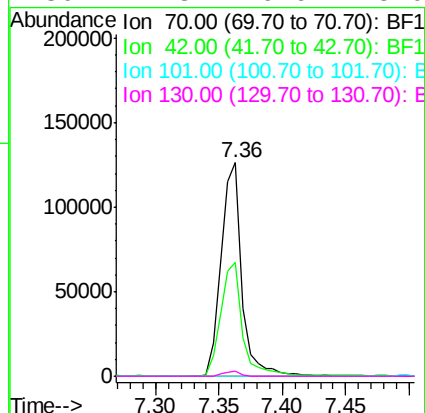
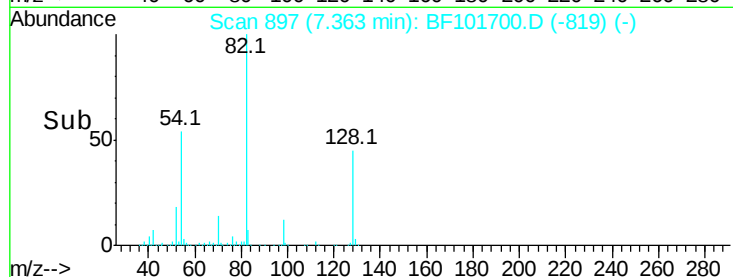
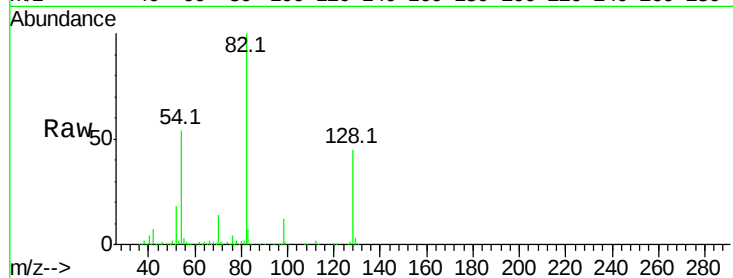
Ion Ratio Lower Upper

70 100

42 53.2 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#



#20

3+4-Methylphenols

Concen: 2.776 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.04 min

Lab File: BF101700.D

Acq: 23 Dec 2017 13:32

Tgt Ion: 107 Resp: 31281

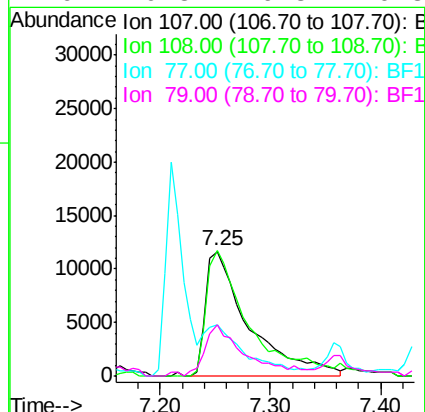
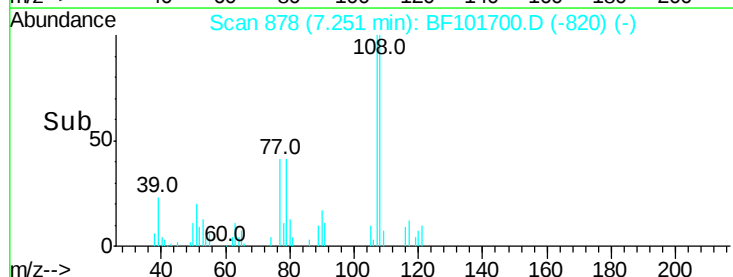
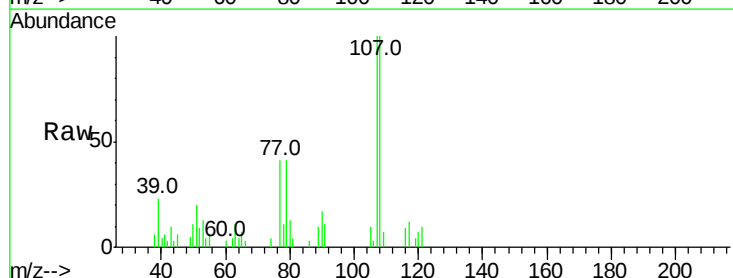
Ion Ratio Lower Upper

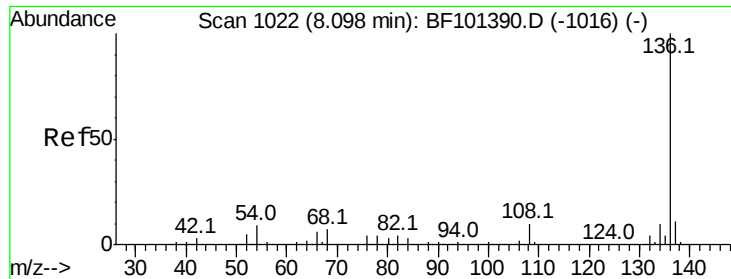
107 100

108 100.1 68.2 108.2

77 41.1 26.7 66.7

79 40.8 6.3 46.3

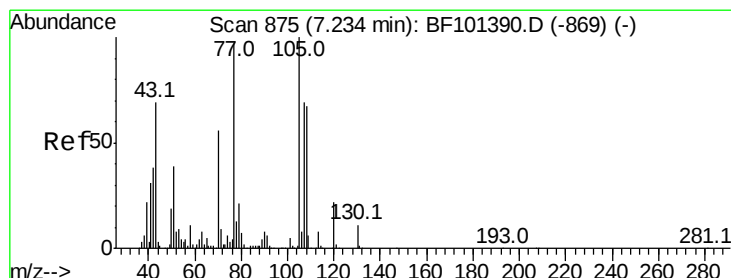
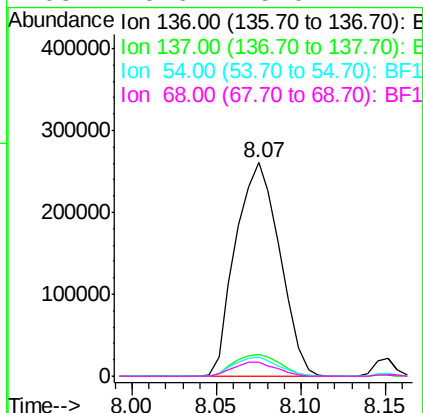
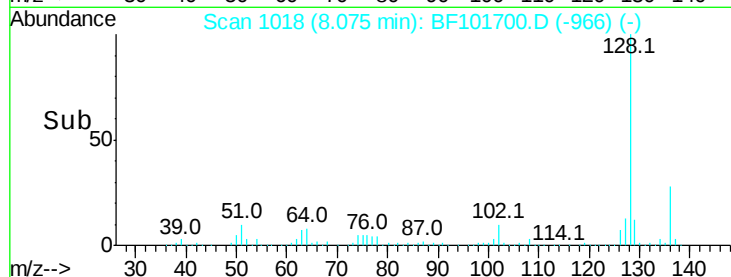
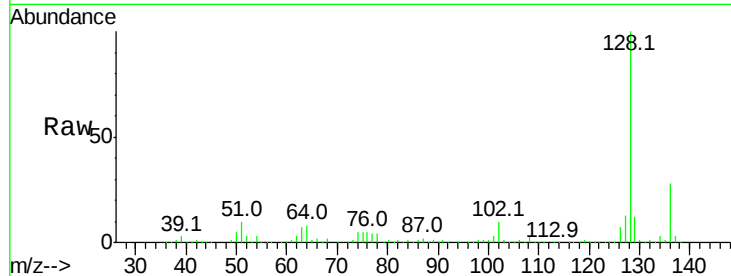




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BF101700.D
Acq: 23 Dec 2017 13:32

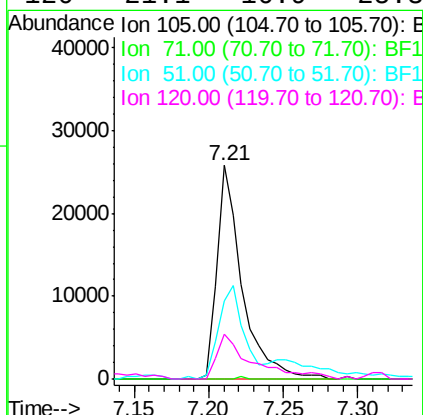
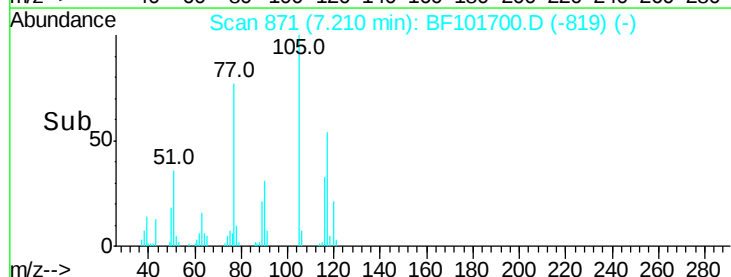
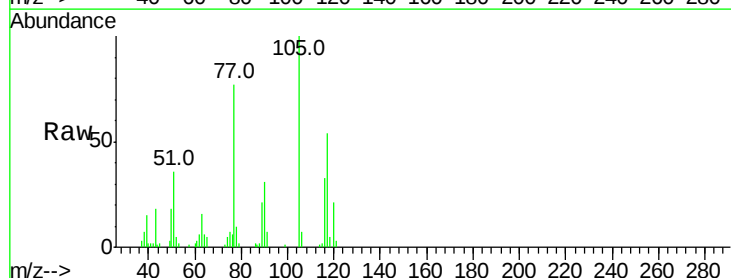
Instrument :
BNA_F
ClientSampleId :
WC-646507-01

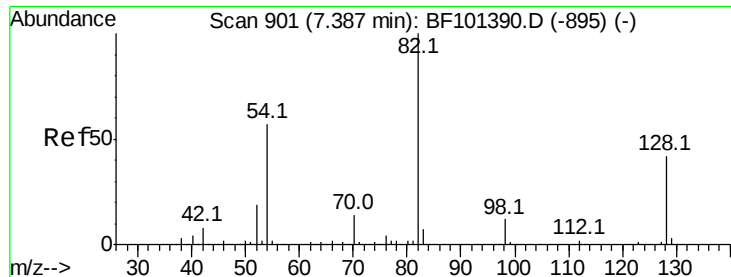
Tot Ion:136	Resp:	473745
Ion Ratio	Lower	Upper
136 100		
137 10.5	8.9	13.3
54 9.1	6.6	9.8
68 6.6	5.0	7.4



#22
Acetophenone
Concen: 2.815 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.01 min
Lab File: BF101700.D
Acq: 23 Dec 2017 13:32

Tgt	Ion:105	Resp:	30433
Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.4	6.6#
51	36.3	22.3	33.5#
120	21.1	16.9	25.3

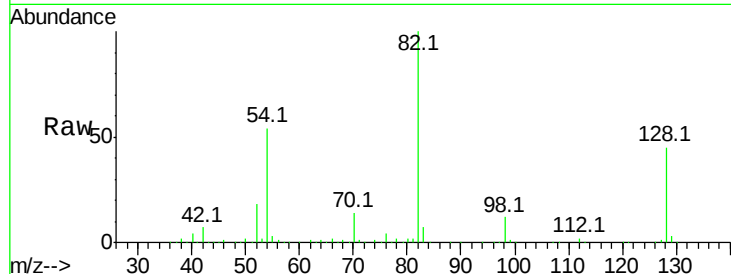




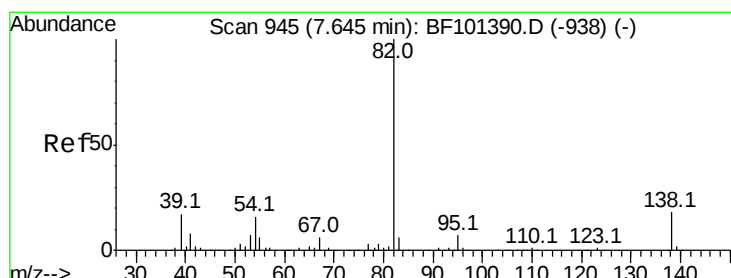
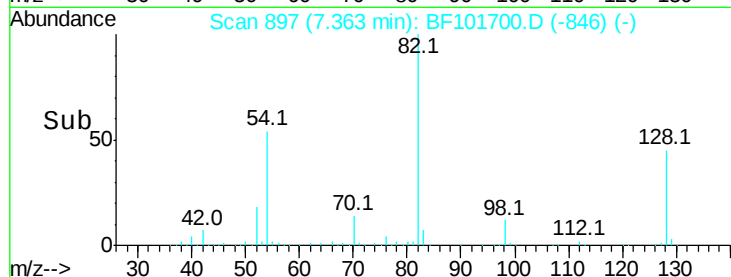
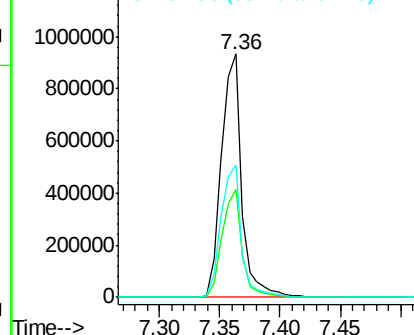
#23
 Nitrobenzene-d5
 Concen: 126.282 ng
 RT: 7.36 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: BF101700.D
 Acq: 23 Dec 2017 13:32

Instrument :
 BNA_F
 ClientSampleId :
 WC-646507-01

Tot Ion: 82 Resp: 1074725
 Ion Ratio Lower Upper
 82 100
 128 44.5 36.1 54.1
 54 54.5 41.4 62.2

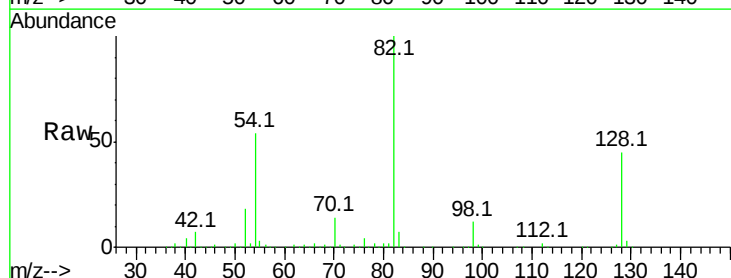


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

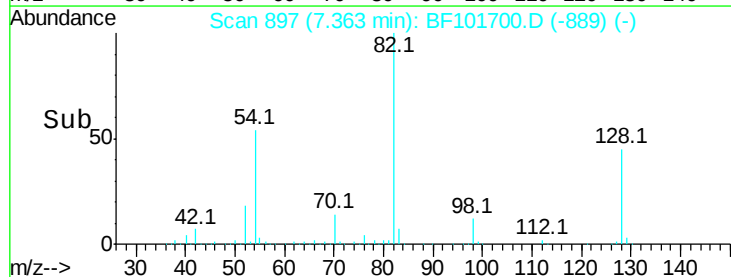
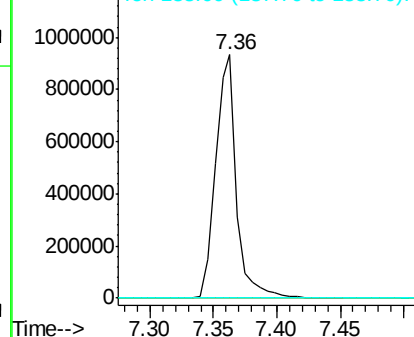


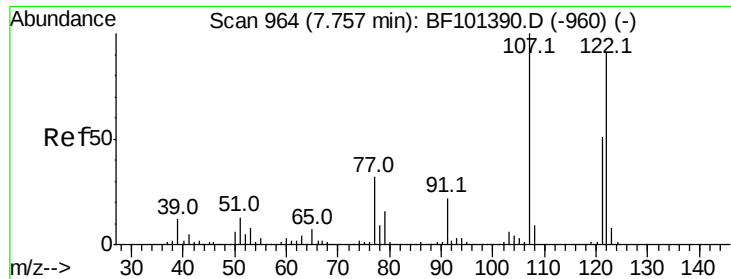
#25
 Isophorone
 Concen: 62.950 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.25 min
 Lab File: BF101700.D
 Acq: 23 Dec 2017 13:32

Tgt Ion: 82 Resp: 1074718
 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

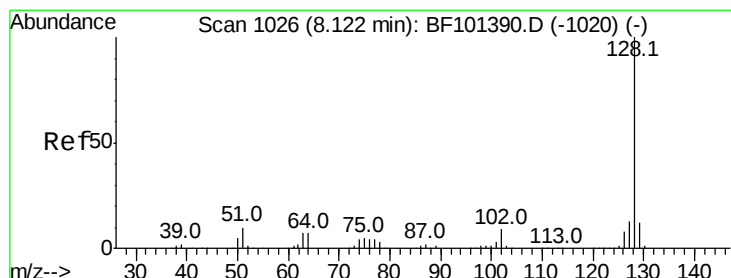
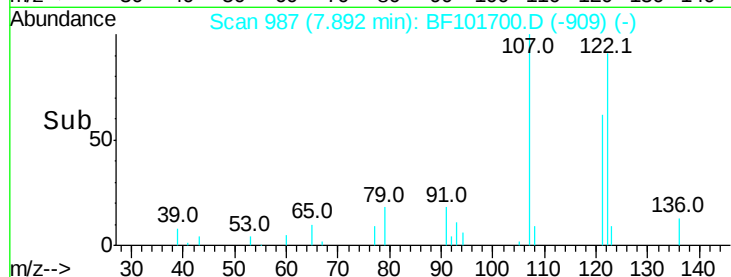
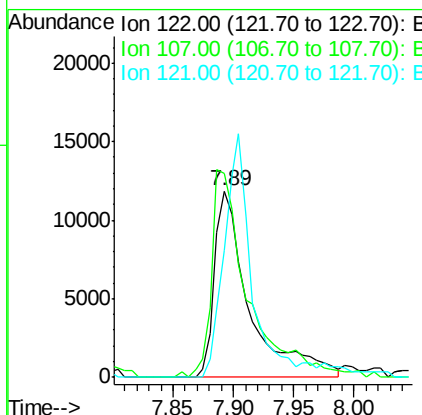
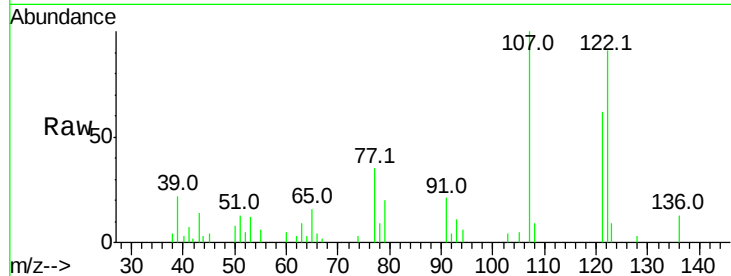




#27
 2,4-Dimethylphenol
 Concen: 3.475 ng
 RT: 7.89 min Scan# 987
 Delta R.T. 0.16 min
 Lab File: BF101700.D
 Acq: 23 Dec 2017 13:32

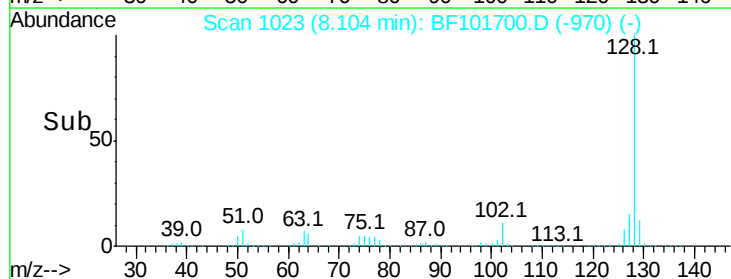
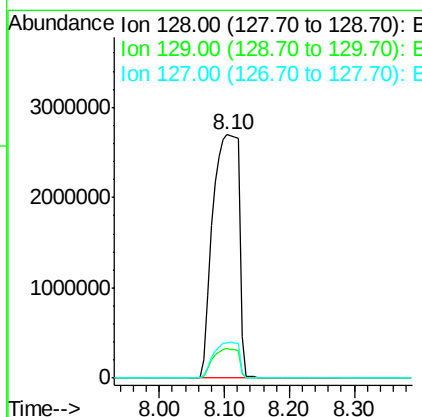
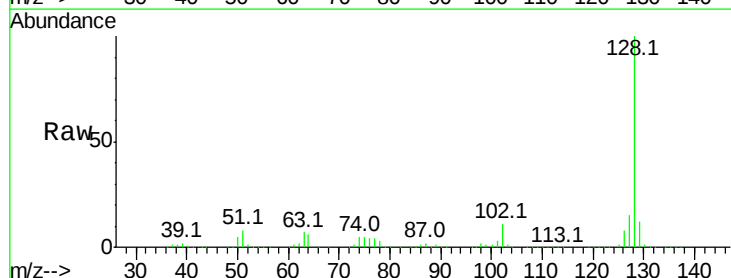
Instrument :
 BNA_F
 ClientSampleId :
 WC-646507-01

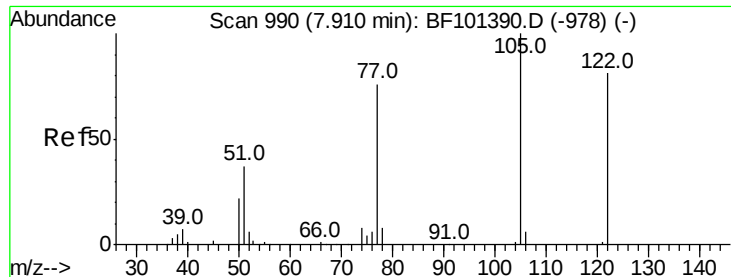
Tot Ion:122 Resp: 23891
 Ion Ratio Lower Upper
 122 100
 107 109.5 91.2 136.8
 121 67.9 47.2 70.8



#31
 Naphthalene
 Concen: 316.631 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. 0.01 min
 Lab File: BF101700.D
 Acq: 23 Dec 2017 13:32

Tgt Ion:128 Resp: 7551664
 Ion Ratio Lower Upper
 128 100
 129 12.0 8.8 13.2
 127 14.5 10.9 16.3

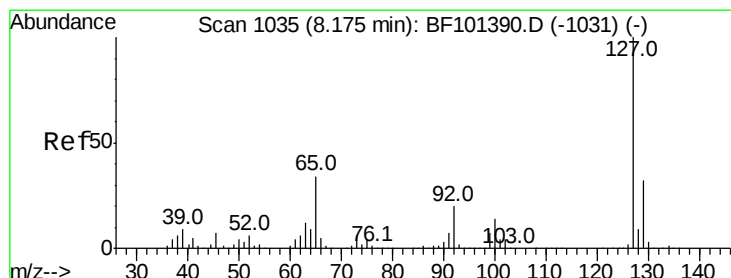
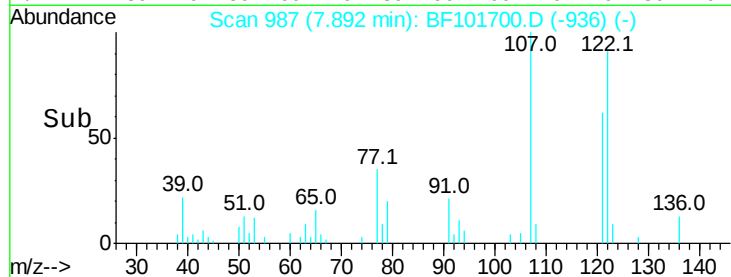
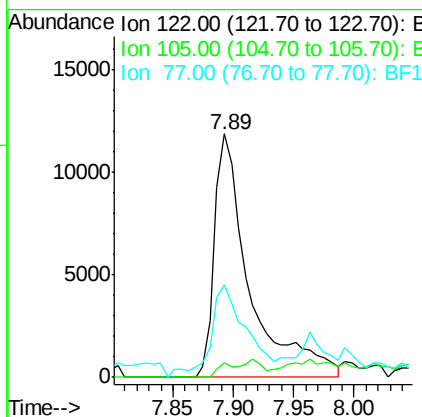
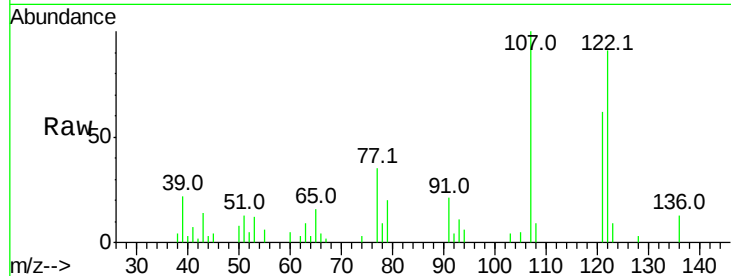




#32
Benzoic acid
Concen: 12.263 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF101700.D
Acq: 23 Dec 2017 13:32

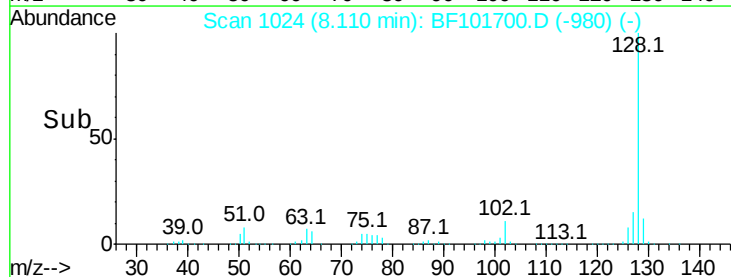
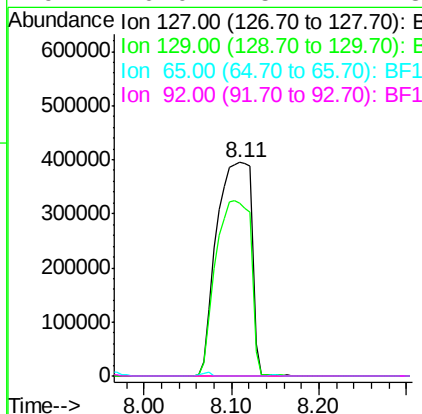
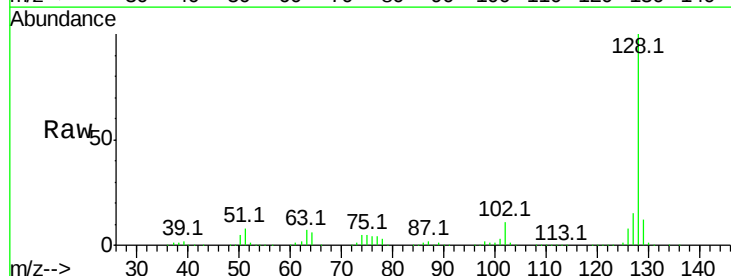
Instrument :
BNA_F
ClientSampleId :
WC-646507-01

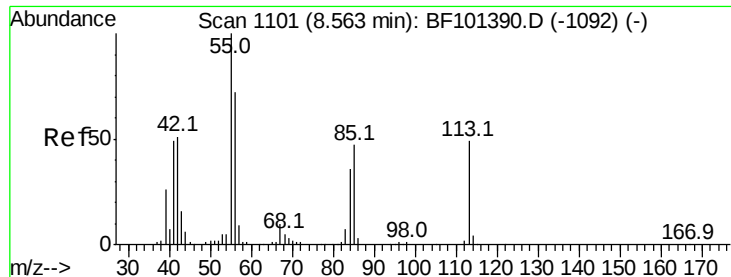
Tot Ion:122 Resp: 23891
Ion Ratio Lower Upper
122 100
105 6.0 101.1 141.1#
77 37.9 70.7 110.7#



#33
4-Chloroaniline
Concen: 104.649 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.04 min
Lab File: BF101700.D
Acq: 23 Dec 2017 13:32

Tgt Ion:127 Resp: 1084798
Ion Ratio Lower Upper
127 100
129 81.1 25.9 38.9#
65 0.0 25.0 37.4#
92 0.0 15.2 22.8#





#35

Caprolactam

Concen: 5.453 ng

RT: 8.78 min Scan# 1138

Delta R.T. 0.25 min

Lab File: BF101700.D

Acq: 23 Dec 2017 13:32

Instrument :

BNA_F

ClientSampleId :

WC-646507-01

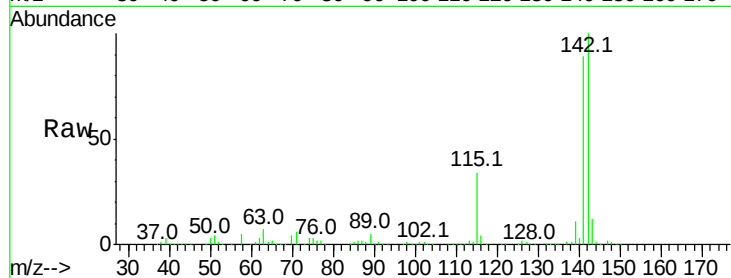
Tot Ion:113 Resp: 12859

Ion Ratio Lower Upper

113 100

55 11.6 163.3 203.3#

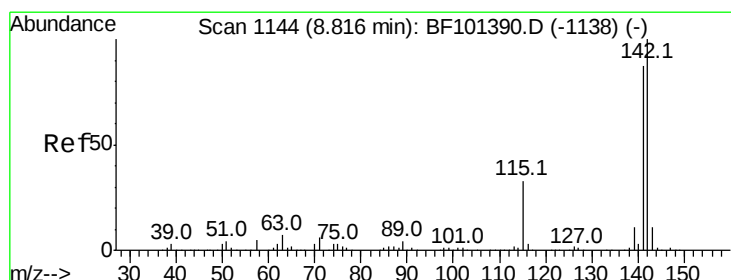
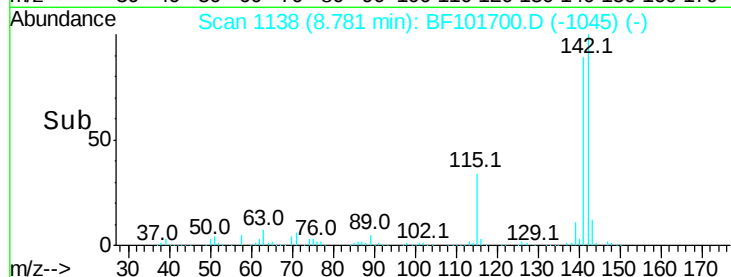
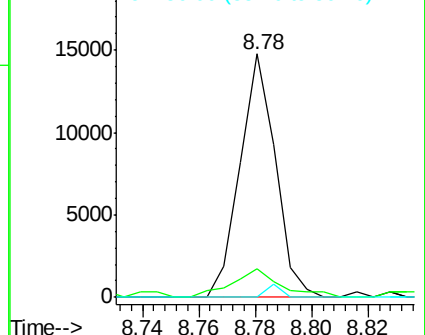
56 0.0 115.7 155.7#



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



#37

2-Methylnaphthalene

Concen: 37.858 ng

RT: 8.78 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BF101700.D

Acq: 23 Dec 2017 13:32

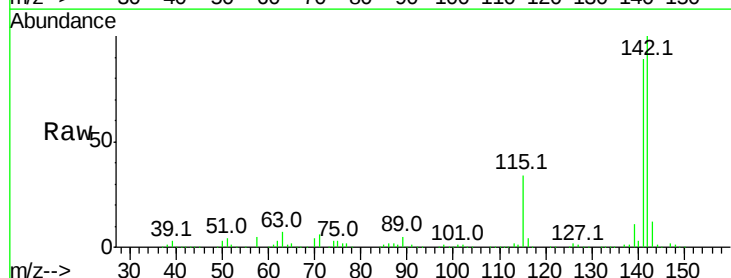
Tgt Ion:142 Resp: 588262

Ion Ratio Lower Upper

142 100

141 88.8 70.8 106.2

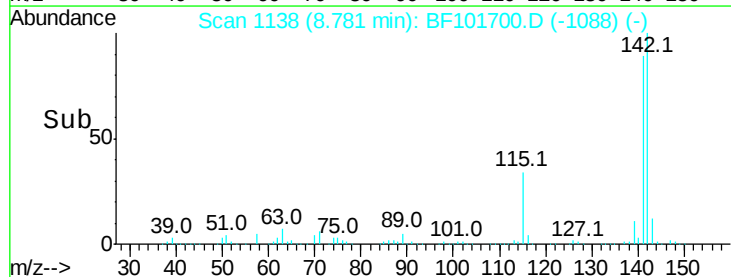
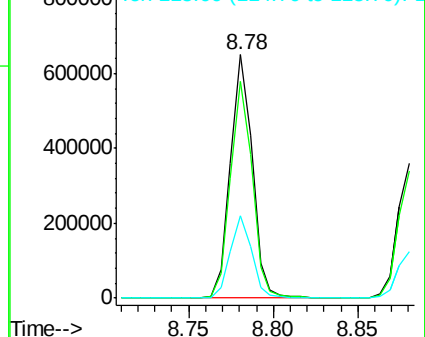
115 33.6 26.1 39.1

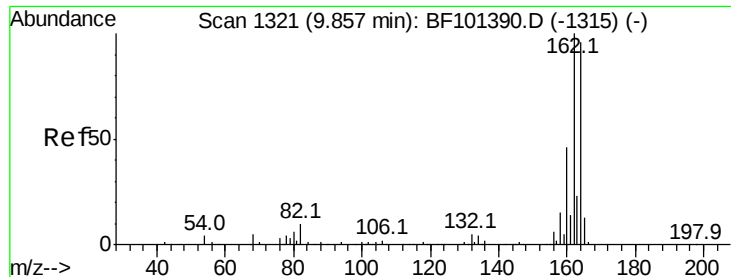


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

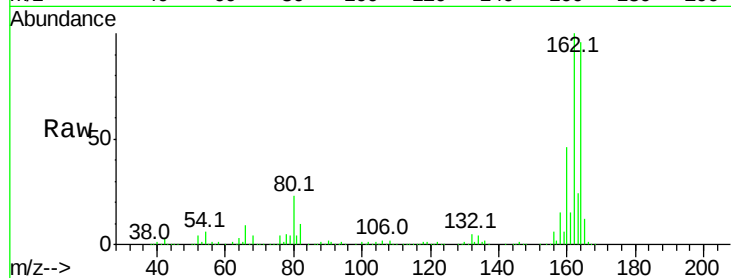




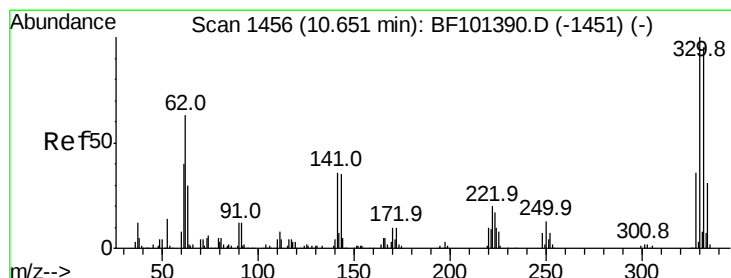
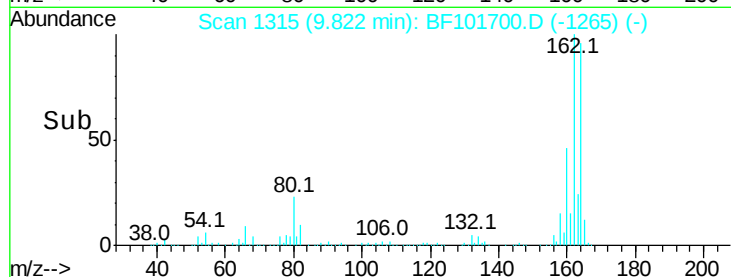
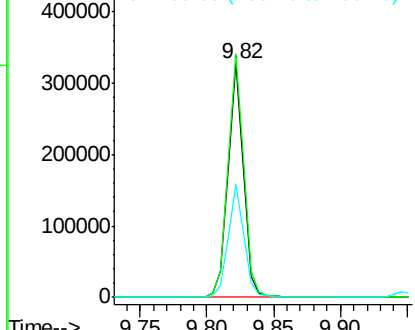
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101700.D
Acq: 23 Dec 2017 13:32

Instrument :
BNA_F
ClientSampleId :
WC-646507-01

Tot Ion:164 Resp: 271698
Ion Ratio Lower Upper
164 100
162 104.0 86.1 129.1
160 48.1 38.3 57.5

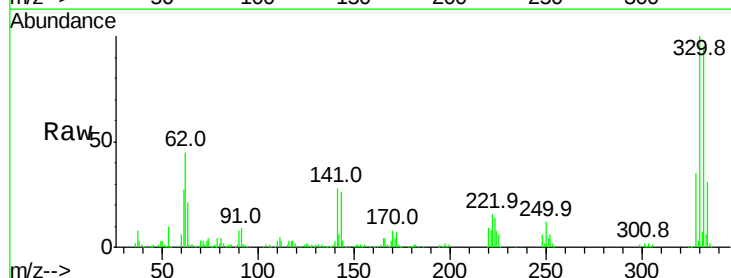


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

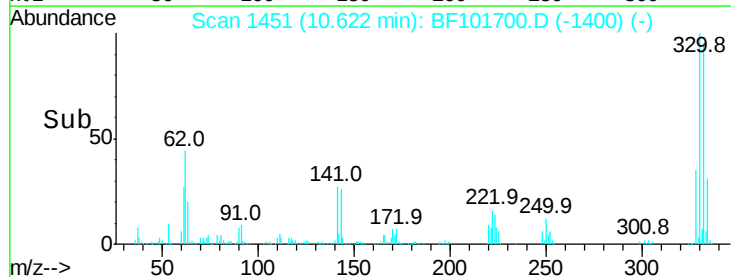
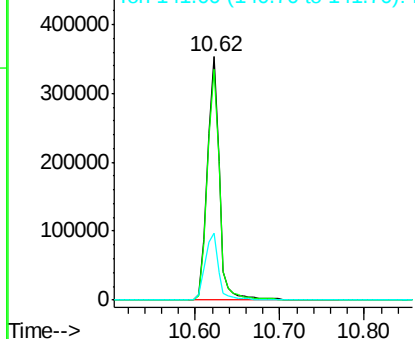


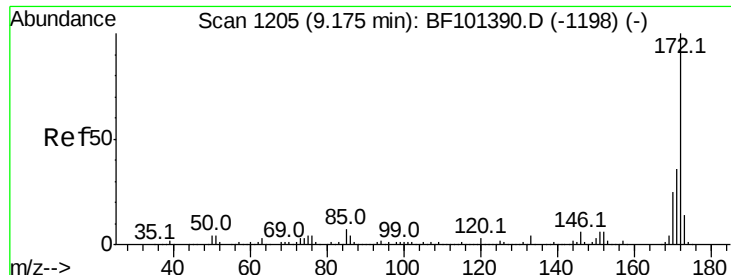
#41
2,4,6-Tribromophenol
Concen: 134.719 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF101700.D
Acq: 23 Dec 2017 13:32

Tgt Ion:330 Resp: 352698
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 30.9 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



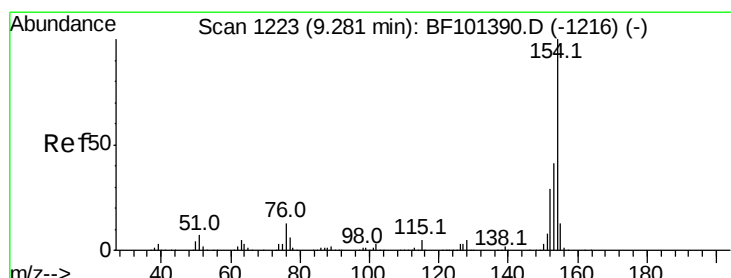
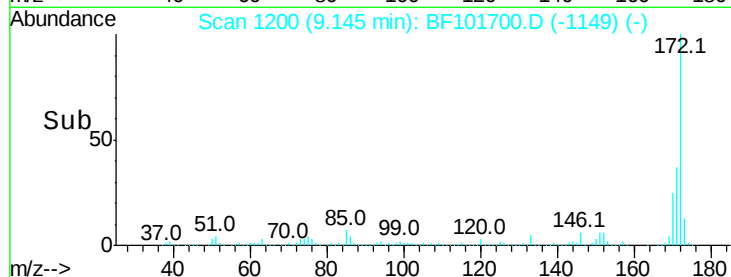
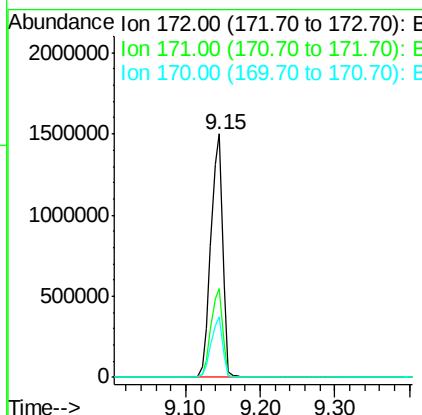
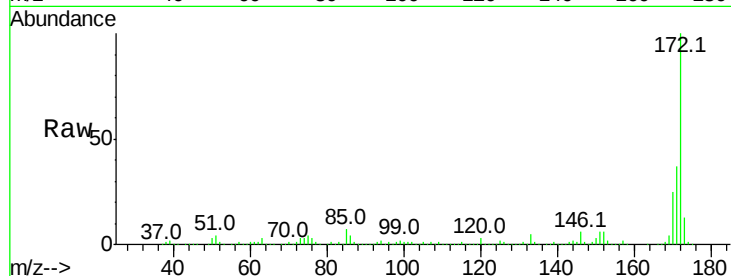


#44
 2-Fluorobiphenyl
 Concen: 93.408 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF101700.D
 Acq: 23 Dec 2017 13:32

Instrument :
 BNA_F
 ClientSampleId :
 WC-646507-01

Tot Ion:172 Resp: 1636032

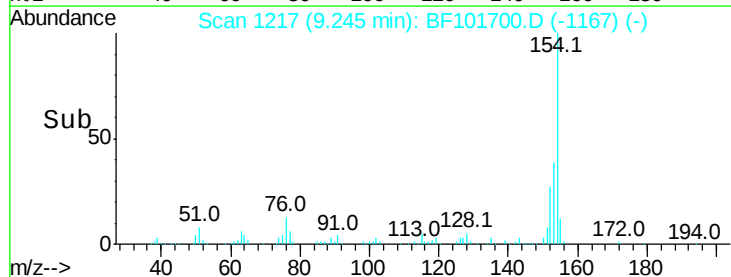
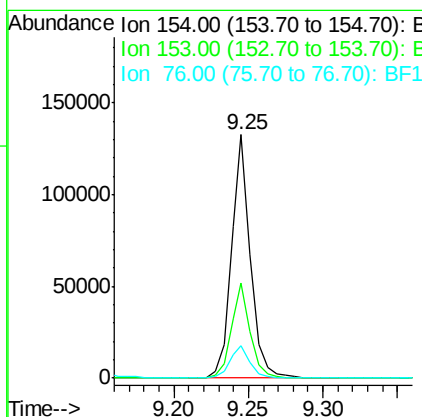
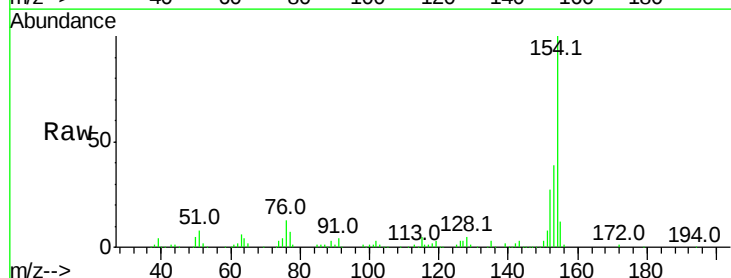
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	25.0	19.6	29.4

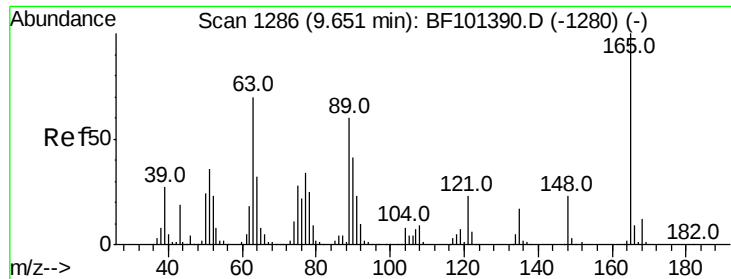


#45
 1,1'-Biphenyl
 Concen: 4.900 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF101700.D
 Acq: 23 Dec 2017 13:32

Tgt Ion:154 Resp: 118074

Ion	Ratio	Lower	Upper
154	100		
153	39.2	21.3	61.3
76	13.1	0.0	34.0

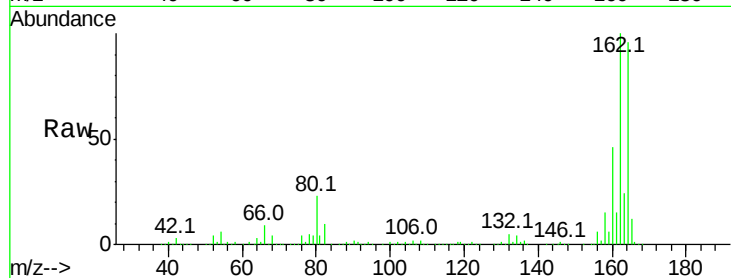




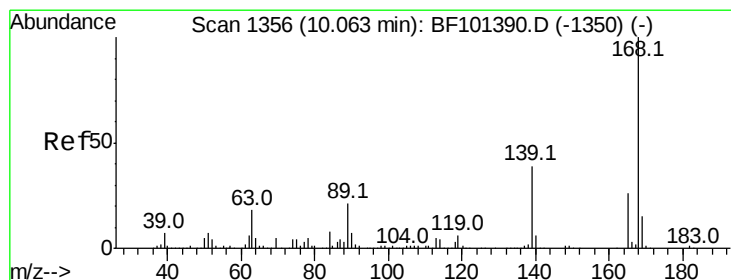
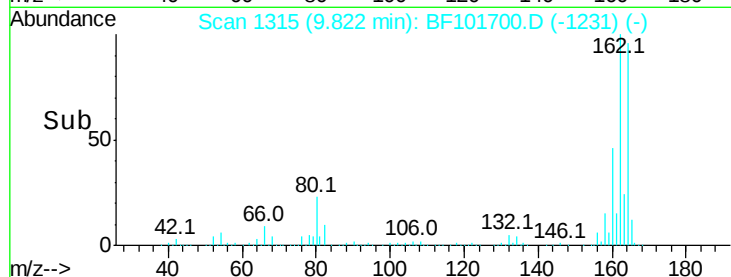
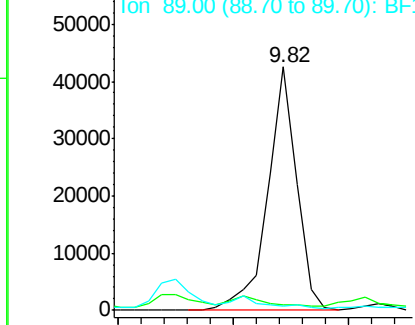
#50
 2,6-Dinitrotoluene
 Concen: 8.350 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.19 min
 Lab File: BF101700.D
 Acq: 23 Dec 2017 13:32

Instrument :
 BNA_F
 ClientSampleId :
 WC-646507-01

Tot Ion:165 Resp: 37087
 Ion Ratio Lower Upper
 165 100
 63 2.5 44.7 67.1#
 89 2.0 44.0 66.0#

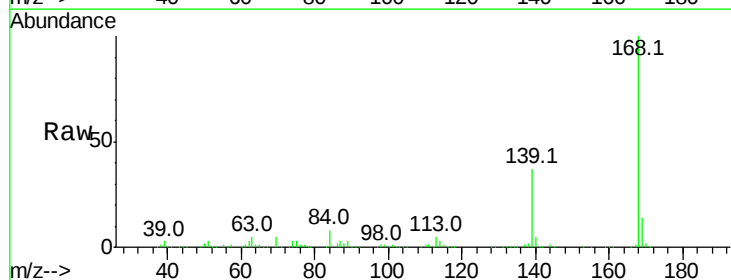


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

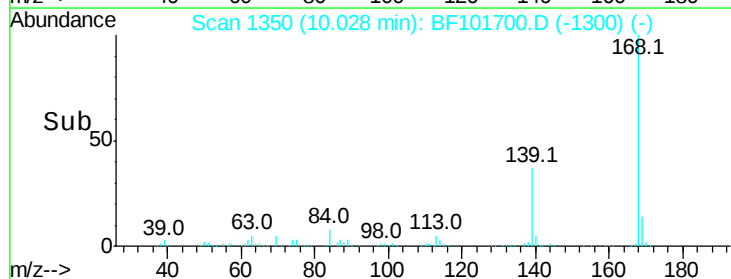
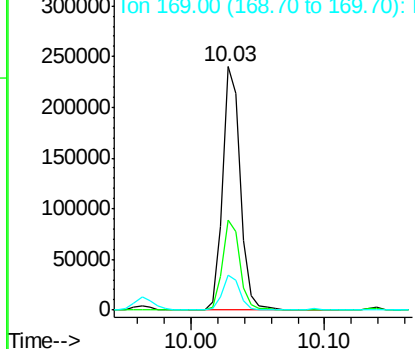


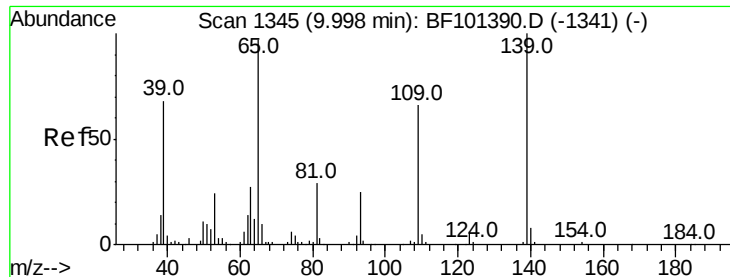
#54
 Dibenzofuran
 Concen: 10.188 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. -0.01 min
 Lab File: BF101700.D
 Acq: 23 Dec 2017 13:32

Tgt Ion:168 Resp: 226527
 Ion Ratio Lower Upper
 168 100
 139 36.9 30.1 45.1
 169 14.4 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: 34.405 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.05 min

Lab File: BF101700.D

Acq: 23 Dec 2017 13:32

Instrument :

BNA_F

ClientSampleId :

WC-646507-01

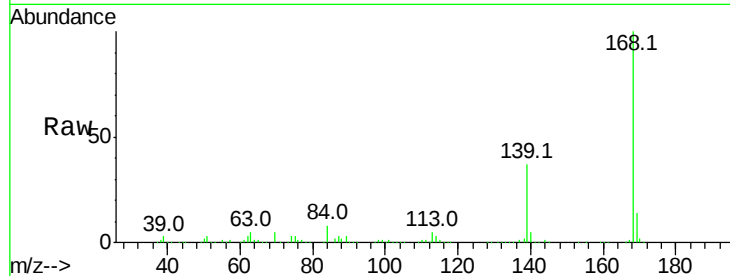
Tot Ion:139 Resp: 83078

Ion Ratio Lower Upper

139 100

109 0.7 48.4 88.4#

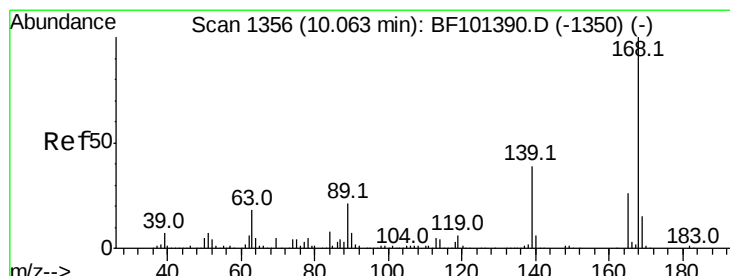
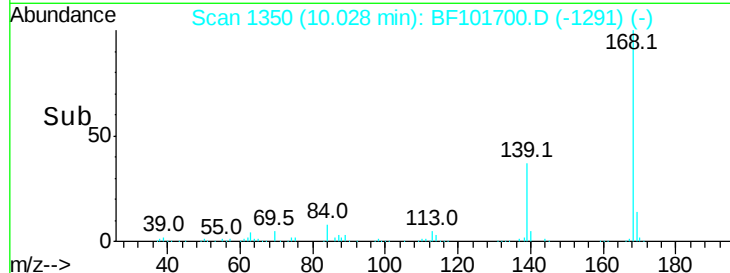
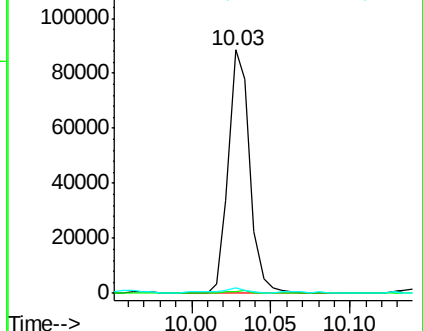
65 2.3 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 7.411 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.22 min

Lab File: BF101700.D

Acq: 23 Dec 2017 13:32

Tgt Ion:165 Resp: 37087

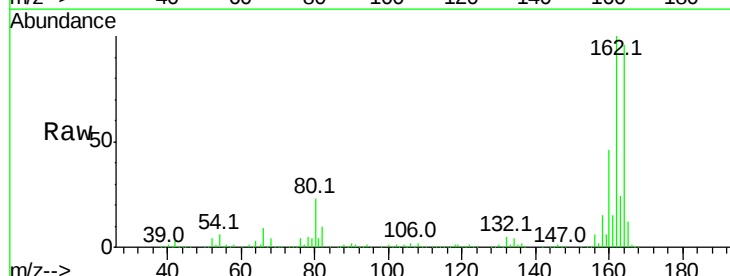
Ion Ratio Lower Upper

165 100

63 2.5 36.4 54.6#

89 2.0 57.8 86.6#

182 0.0 1.6 2.4#

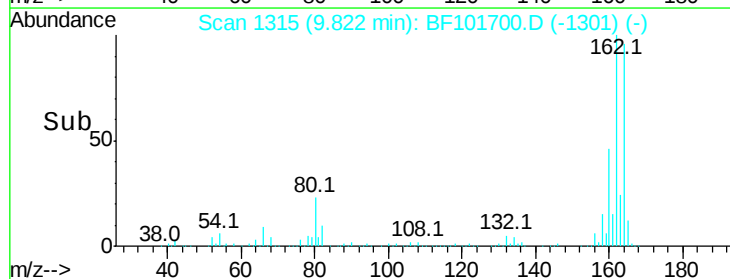
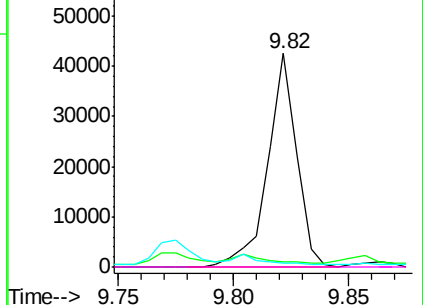


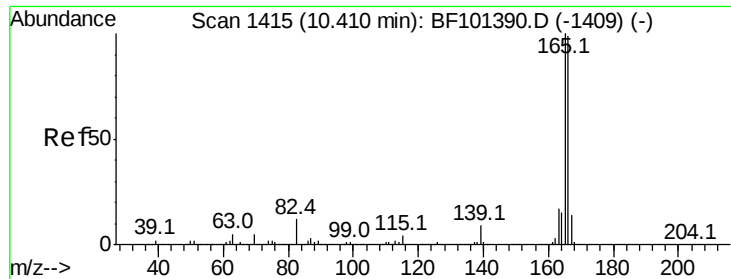
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

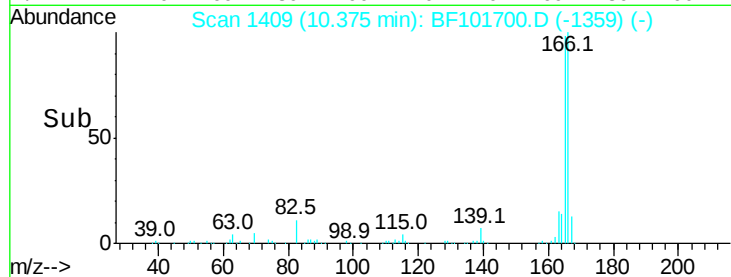
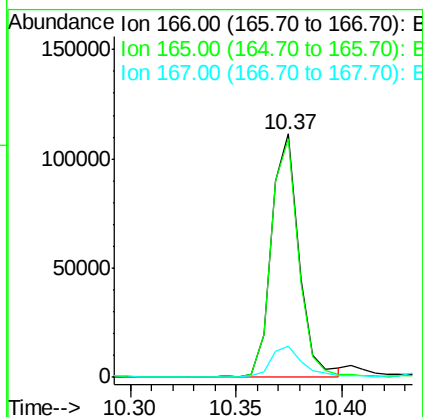
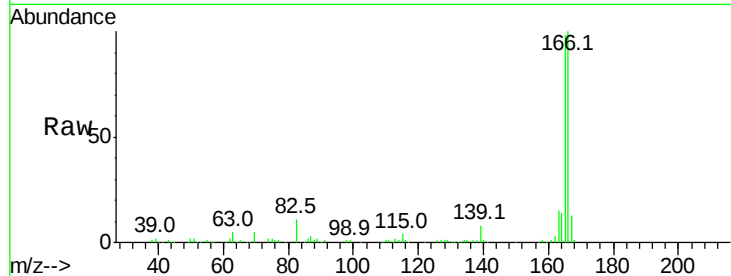




#57
Fluorene
 Concen: 5.363 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF101700.D
 Acq: 23 Dec 2017 13:32

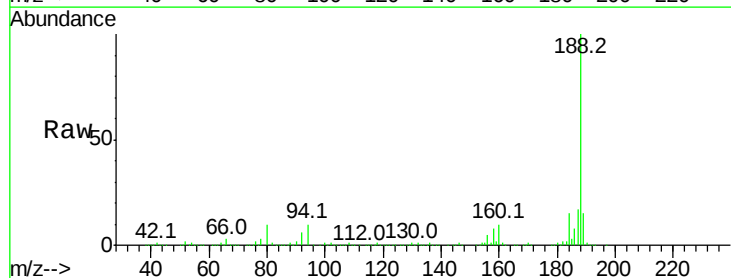
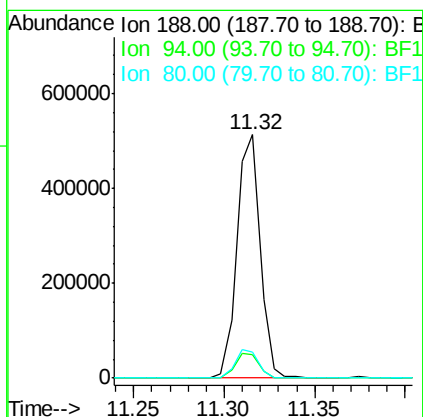
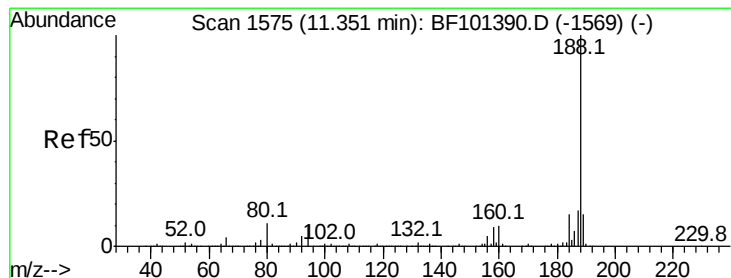
Instrument :
 BNA_F
 ClientSampleId :
 WC-646507-01

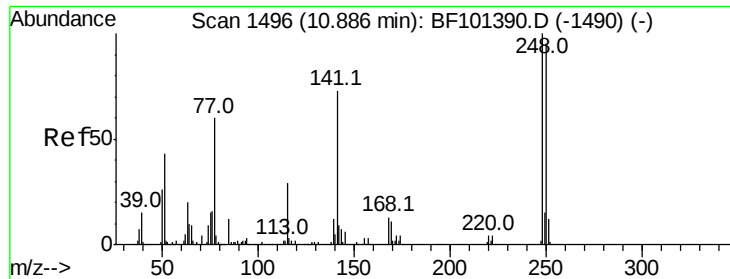
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.8	119.8
167	13.0	10.6	16.0



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BF101700.D
 Acq: 23 Dec 2017 13:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.5	9.2	13.8

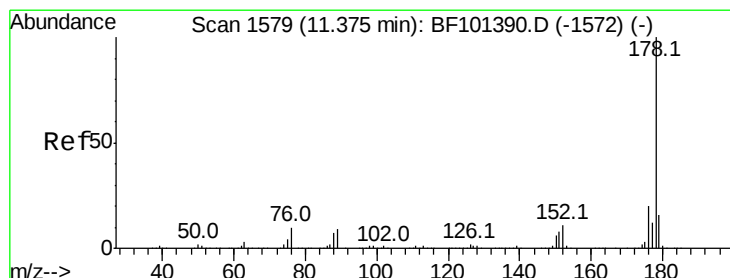
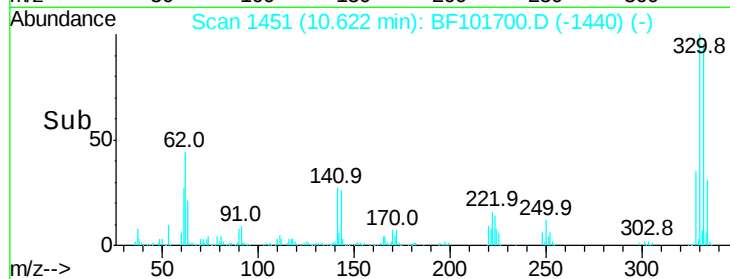
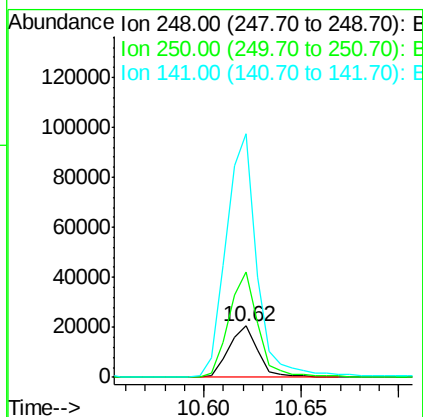
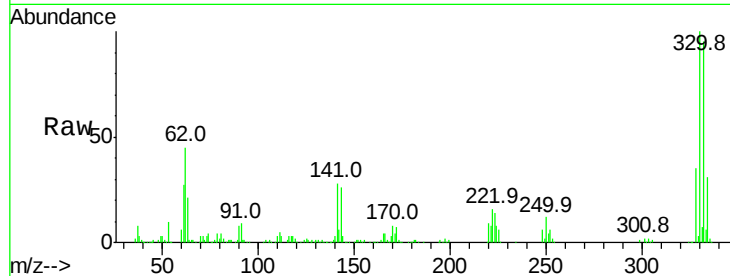




#66
 4-Bromophenyl-phenylether
 Concen: 4.156 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.24 min
 Lab File: BF101700.D
 Acq: 23 Dec 2017 13:32

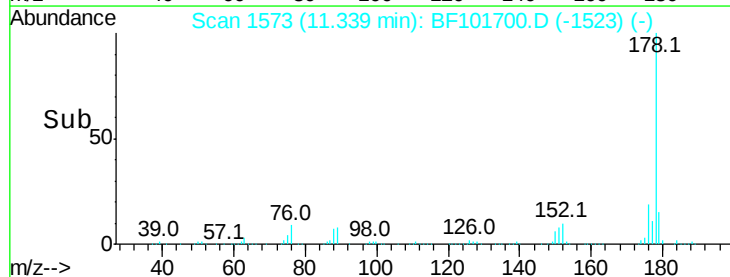
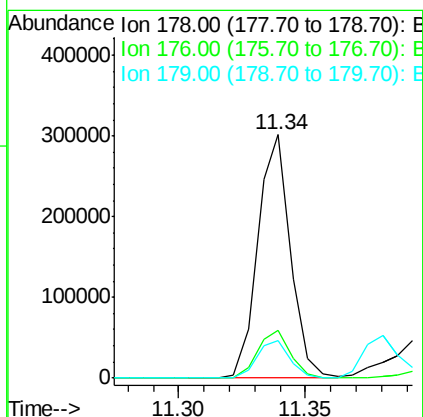
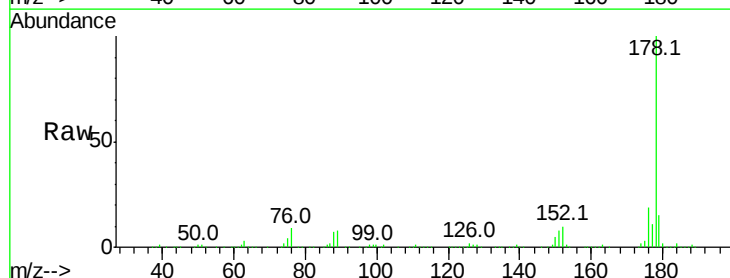
Instrument :
 BNA_F
 ClientSampleId :
 WC-646507-01

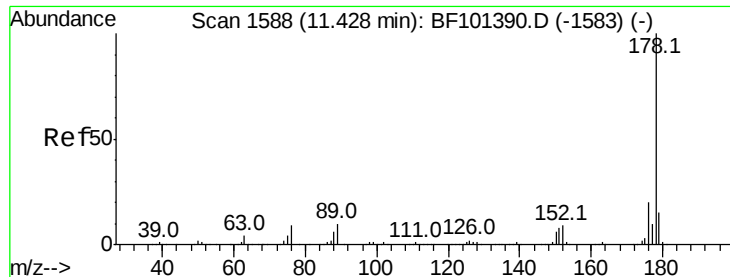
Tot Ion:248 Resp: 21409
 Ion Ratio Lower Upper
 248 100
 250 205.6 76.9 115.3#
 141 474.0 74.4 111.6#



#70
 Phenanthrene
 Concen: 10.631 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF101700.D
 Acq: 23 Dec 2017 13:32

Tgt Ion:178 Resp: 271054
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.4 13.0 19.6





#71

Anthracene

Concen: 10.407 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.06 min

Lab File: BF101700.D

Acq: 23 Dec 2017 13:32

Instrument :

BNA_F

ClientSampleId :

WC-646507-01

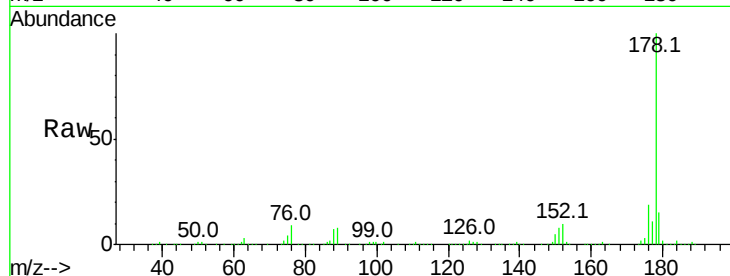
Tot Ion:178 Resp: 271054

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

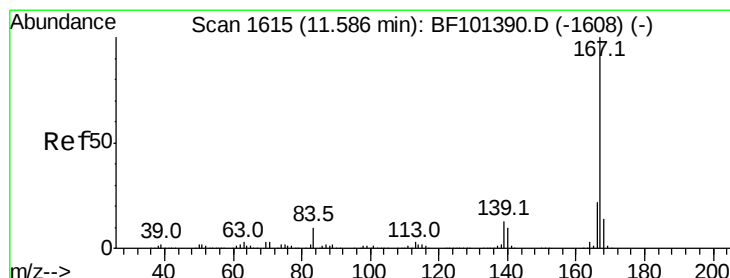
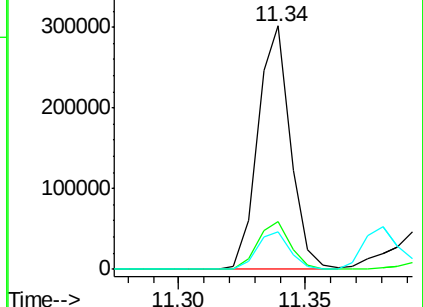
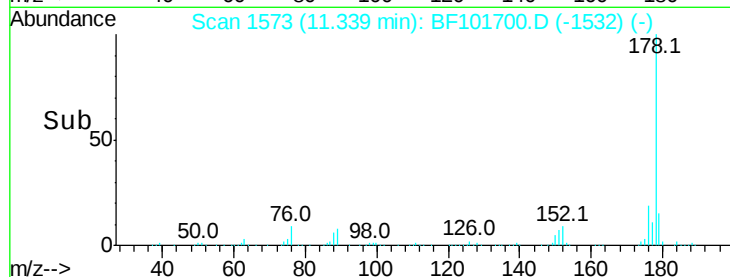
179 15.4 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 12.141 ng

RT: 11.55 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BF101700.D

Acq: 23 Dec 2017 13:32

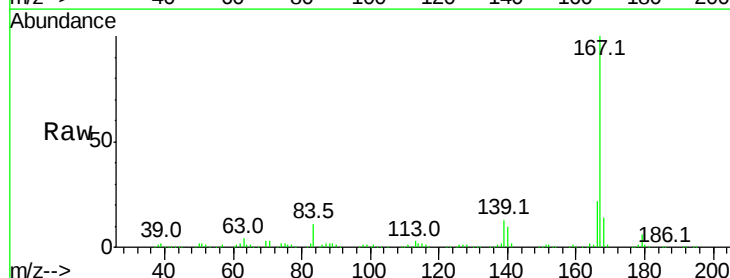
Tgt Ion:167 Resp: 296056

Ion Ratio Lower Upper

167 100

166 21.7 17.6 26.4

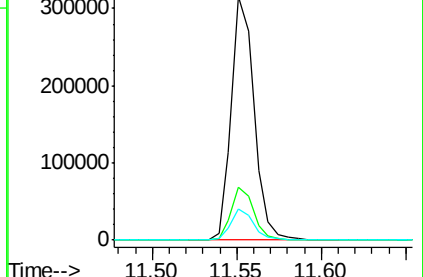
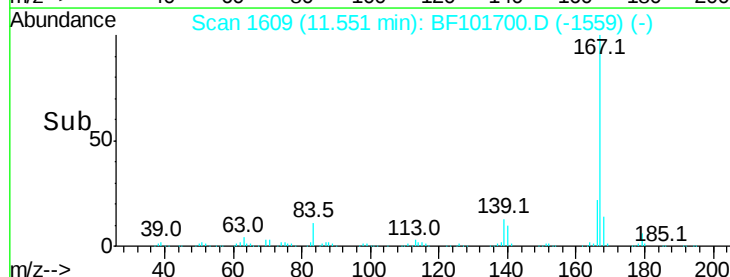
139 12.8 10.9 16.3

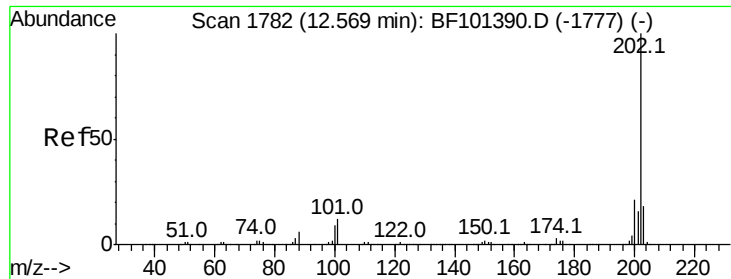


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 2.641 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BF101700.D

Acq: 23 Dec 2017 13:32

Instrument :

BNA_F

ClientSampleId :

WC-646507-01

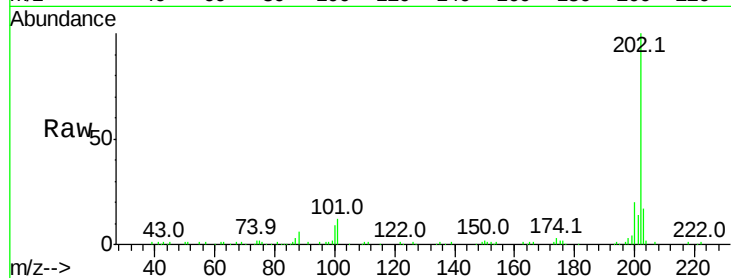
Tot Ion:202 Resp: 70677

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.1

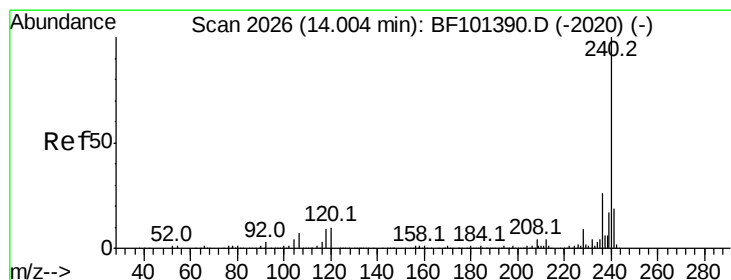
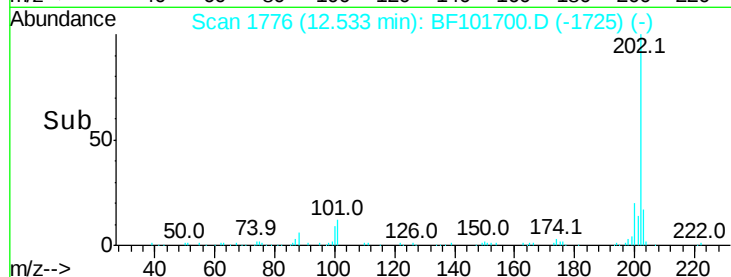
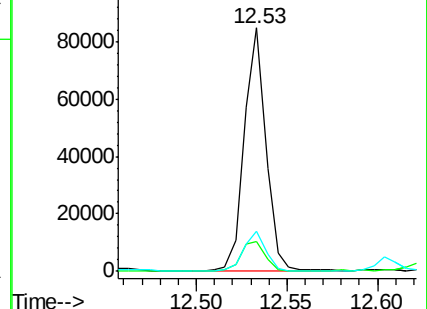
203 16.7 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF101700.D

Acq: 23 Dec 2017 13:32

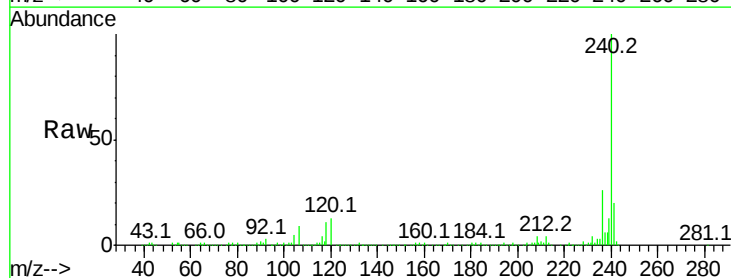
Tgt Ion:240 Resp: 311213

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

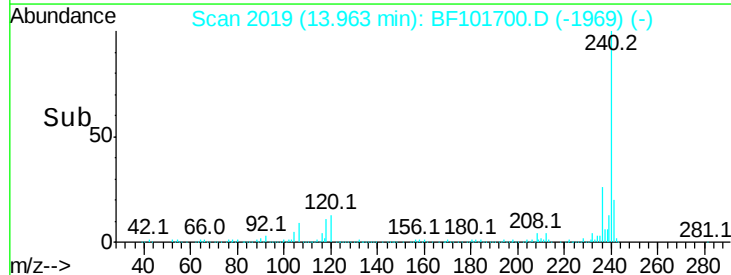
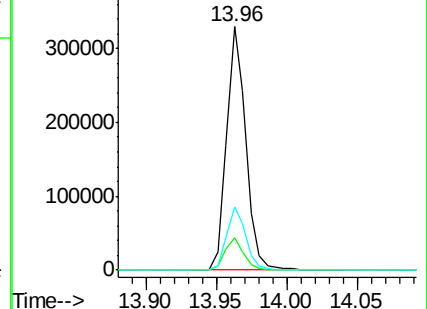
236 26.1 20.7 31.1

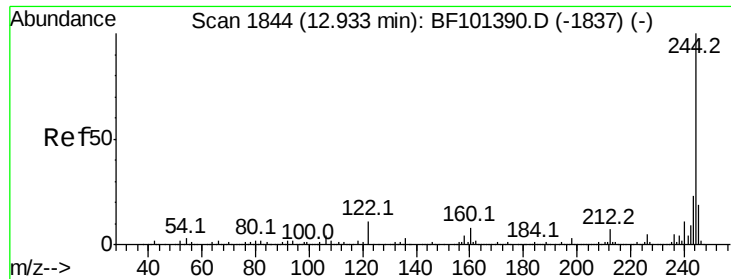


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 104.662 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF101700.D

Acq: 23 Dec 2017 13:32

Instrument :

BNA_F

ClientSampleId :

WC-646507-01

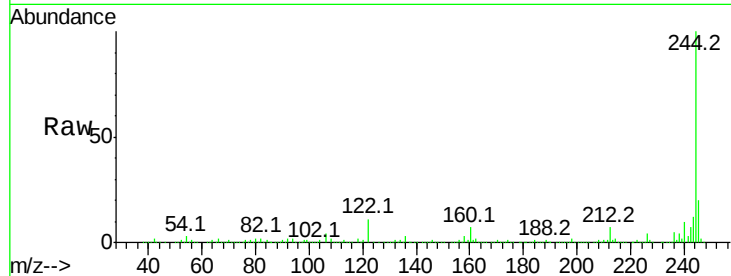
Tot Ion:244 Resp: 1351108

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

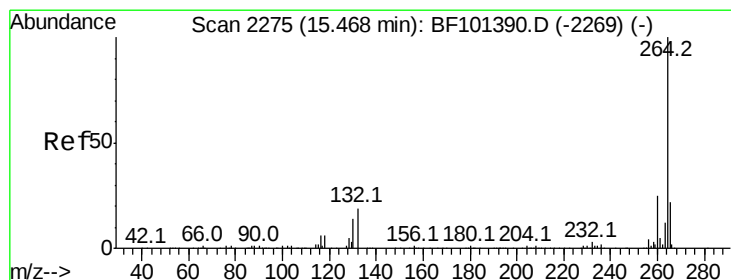
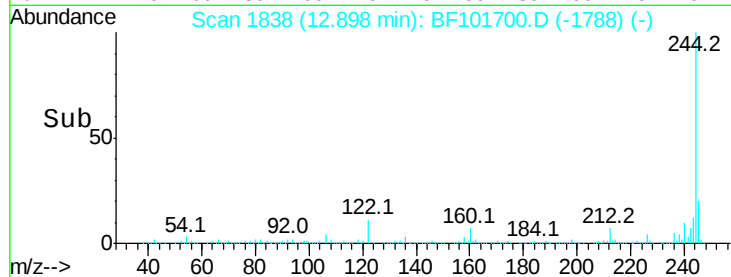
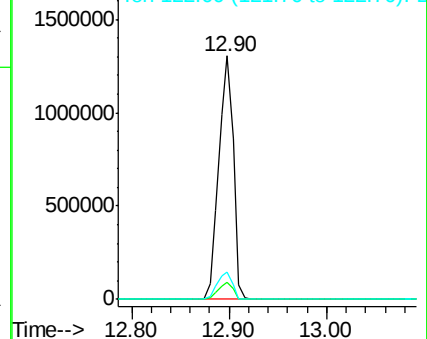
122 11.0 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BF101700.D

Acq: 23 Dec 2017 13:32

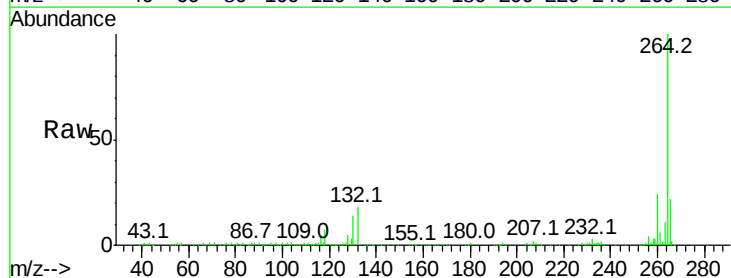
Tgt Ion:264 Resp: 301173

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.6 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

