

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122617\
 Data File : BF101706.D
 Acq On : 26 Dec 2017 11:03
 Operator : SJ/JU
 Sample : I6848-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-9871-01

Quant Time: Dec 26 11:32:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	152232	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	600372	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	290360	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	561893	20.00	ng	0.00
75) Chrysene-d12	13.96	240	529428	20.00	ng	0.00
86) Perylene-d12	15.43	264	485344	20.00	ng	0.00

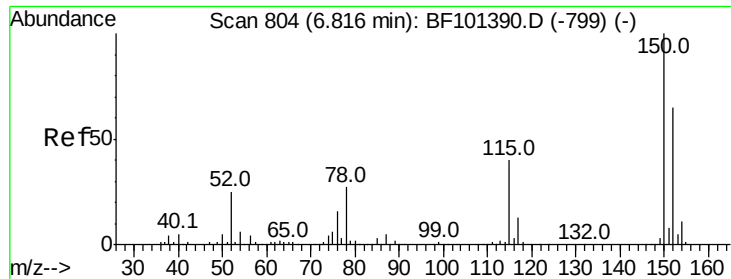
System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1344881	131.60	ng	0.12
7) Phenol-d6	6.46	99	598191	47.03	ng	0.02
23) Nitrobenzene-d5	7.37	82	1032706	95.75	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	411532	147.09	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1685244	90.03	ng	0.00
78) Terphenyl-d14	12.90	244	1842961	83.92	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	3.49	79	8072471	553.283	ng	97
6) Aniline	6.47	93	207393	11.734	ng	# 1
9) Benzaldehyde	6.26	77	176919	18.835	ng	# 1
10) Phenol	6.52	94	4593537	316.870	ng	95
17) 2-Methylphenol	7.07	107	894420	90.446	ng	99
19) n-Nitroso-di-n-propylamine	7.37	70	137909	16.511	ng	# 81
20) 3+4-Methylphenols	7.24	107	2784721	265.739	ng	87
22) Acetophenone	7.22	105	81826	5.973	ng	# 1
24) Nitrobenzene	7.49	77	339164	28.414	ng	# 41
25) Isophorone	7.37	82	1032706	47.731	ng	# 64
27) 2,4-Dimethylphenol	7.74	122	671677	77.097	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	34374	2.501	ng	# 1
31) Naphthalene	8.09	128	1022357	33.825	ng	99
32) Benzoic acid	7.89	122	805751	122.457	ng	# 14
33) 4-Chloroaniline	8.09	127	136796	10.413	ng	# 32
37) 2-Methylnaphthalene	8.78	142	77835	3.953	ng	98
48) Acenaphthylene	9.69	152	89876	2.888	ng	98
50) 2,6-Dinitrotoluene	9.82	165	37830	7.970	ng	# 28
53) 2,4-Dinitrophenol	9.97	184	744	10.712	ng	# 1
54) Dibenzofuran	10.03	168	64273	2.705	ng	98
56) 2,4-Dinitrotoluene	9.82	165	37830	7.074	ng	# 25
57) Fluorene	10.37	166	98372	4.894	ng	98
66) 4-Bromophenyl-phenylether	10.62	248	25030	3.964	ng	# 1
70) Phenanthrene	11.34	178	596174	19.079	ng	100
71) Anthracene	11.34	178	596174	18.678	ng	99
72) Carbazole	11.56	167	1444759	48.345	ng	99
74) Fluoranthene	12.53	202	149633	4.562	ng	96
77) Pyrene	12.76	202	91477	2.302	ng	100

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

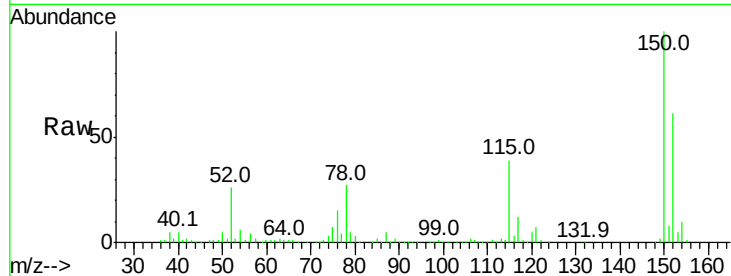


#1

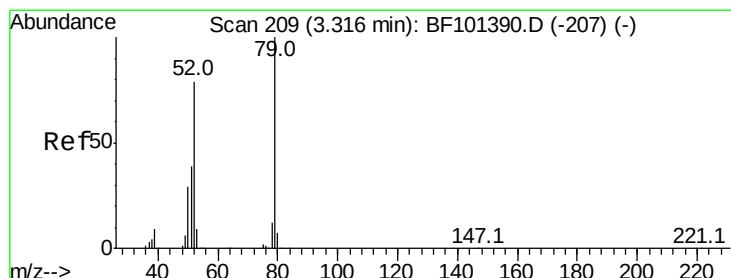
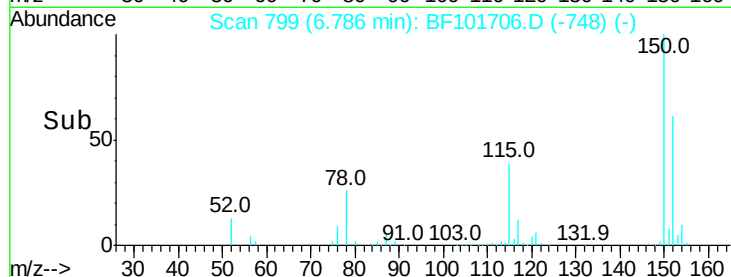
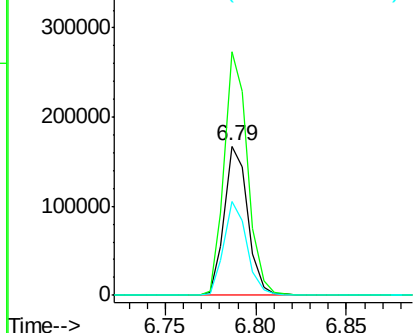
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101706.D
Acq: 26 Dec 2017 11:03

Instrument :
BNA_F
ClientSampleId :
WC-9871-01

Tot Ion:152 Resp: 152232
Ion Ratio Lower Upper
152 100
150 163.4 124.6 186.8
115 63.1 50.1 75.1



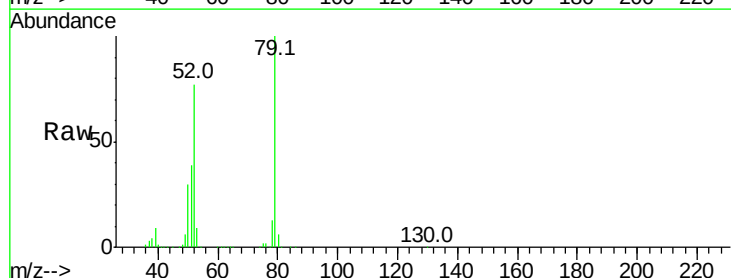
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



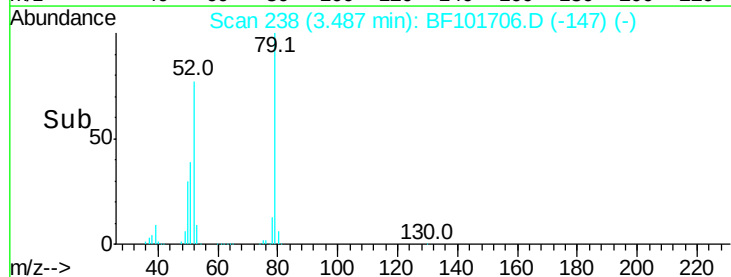
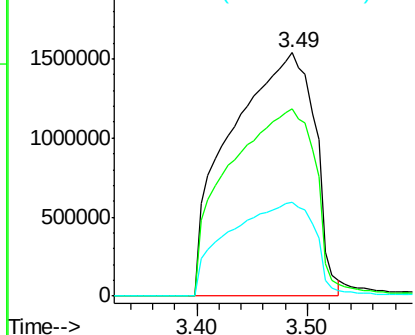
#3

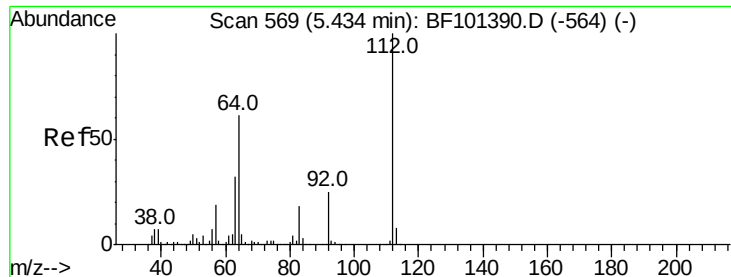
Pyridine
Concen: 553.283 ng
RT: 3.49 min Scan# 238
Delta R.T. 0.24 min
Lab File: BF101706.D
Acq: 26 Dec 2017 11:03

Tgt Ion: 79 Resp: 8072471
Ion Ratio Lower Upper
79 100
52 77.0 59.8 89.6
51 38.8 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





#5

2-Fluorophenol

Concen: 131.596 ng

RT: 5.53 min Scan# 585

Delta R.T. 0.12 min

Lab File: BF101706.D

Acq: 26 Dec 2017 11:03

Instrument :

BNA_F

ClientSampleId :

WC-9871-01

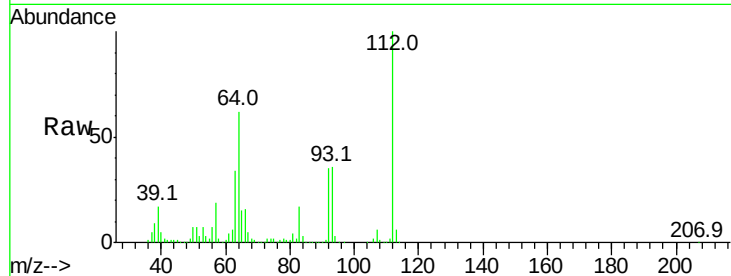
Tot Ion:112 Resp: 1344881

Ion Ratio Lower Upper

112 100

64 61.8 47.9 71.9

63 34.0 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

600000

500000

400000

300000

200000

100000

0

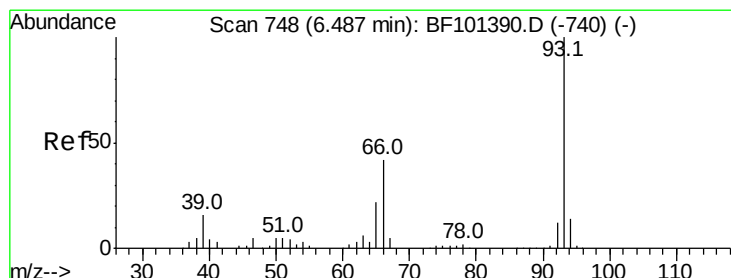
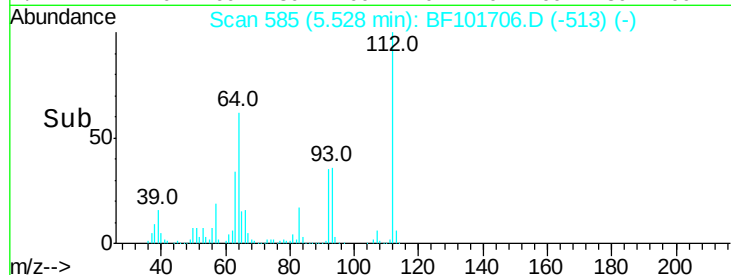
5.40

5.50

5.60

5.70

Time-->



#6

Aniline

Concen: 11.734 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101706.D

Acq: 26 Dec 2017 11:03

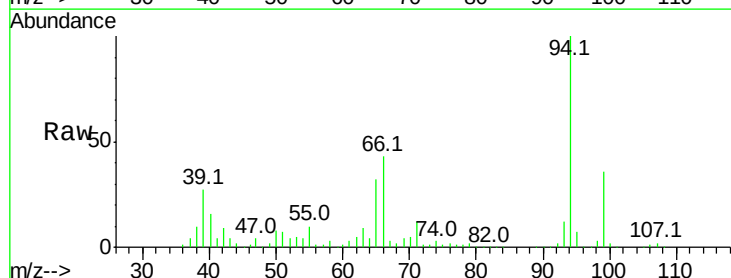
Tgt Ion: 93 Resp: 207393

Ion Ratio Lower Upper

93 100

66 358.5 32.2 48.2#

65 264.8 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

800000

600000

400000

200000

0

6.40

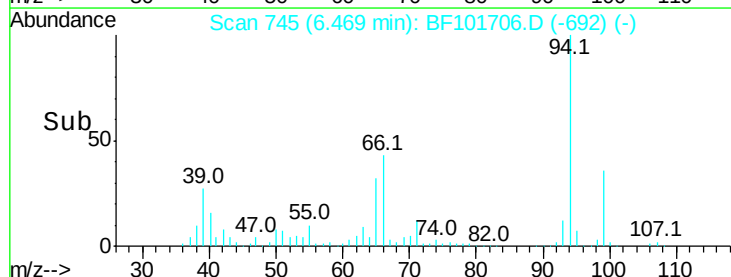
6.45

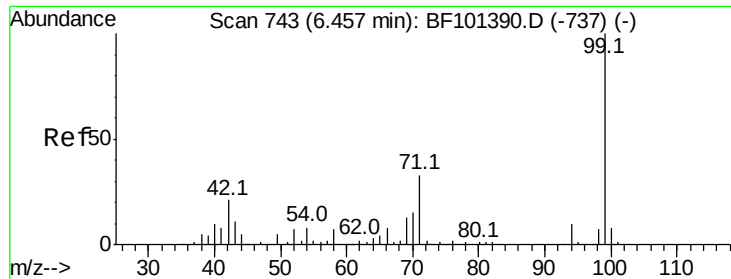
6.50

6.55

6.60

Time-->





#7

Phenol-d6

Concen: 47.032 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.02 min

Lab File: BF101706.D

Acq: 26 Dec 2017 11:03

Instrument :

BNA_F

ClientSampleId :

WC-9871-01

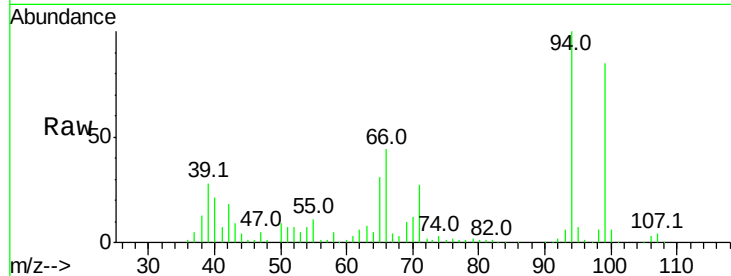
Tot Ion: 99 Resp: 598191

Ion Ratio Lower Upper

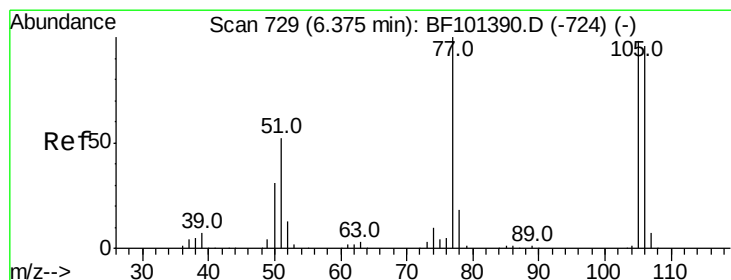
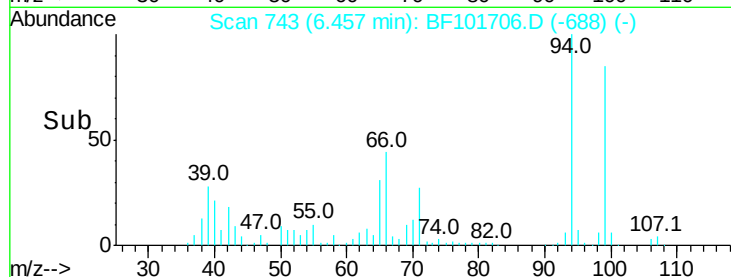
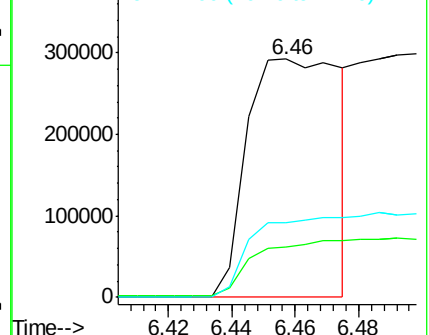
99 100

42 21.2 14.5 21.7

71 31.6 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



#9

Benzaldehyde

Concen: 18.835 ng

RT: 6.26 min Scan# 710

Delta R.T. -0.09 min

Lab File: BF101706.D

Acq: 26 Dec 2017 11:03

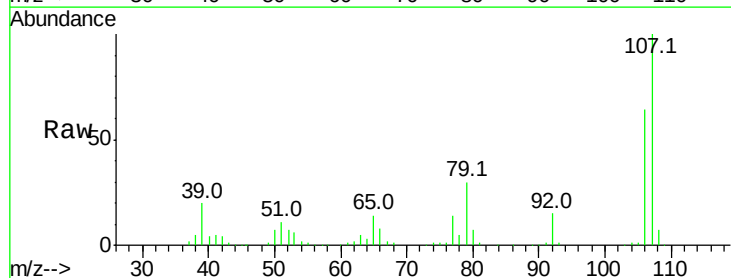
Tgt Ion: 77 Resp: 176919

Ion Ratio Lower Upper

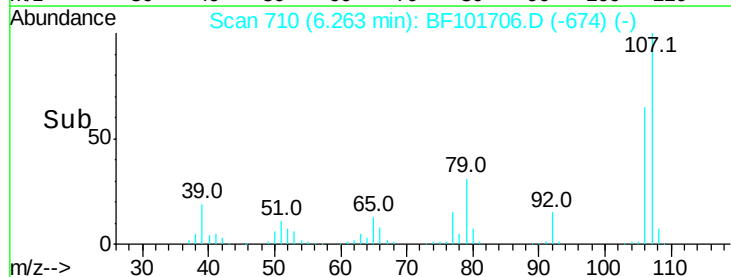
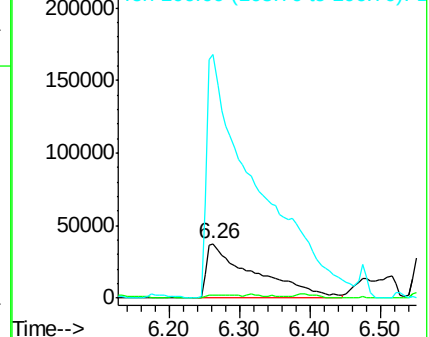
77 100

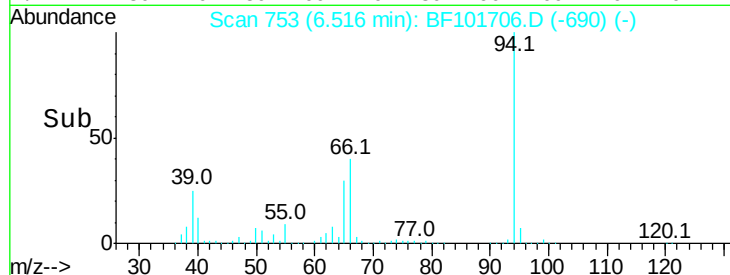
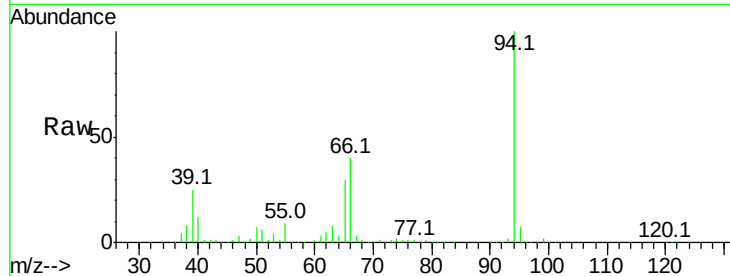
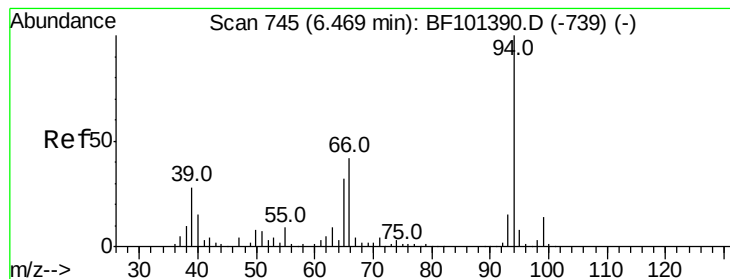
105 6.5 81.1 121.1#

106 446.9 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: 316.870 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.07 min

Lab File: BF101706.D

Acq: 26 Dec 2017 11:03

Instrument :

BNA_F

ClientSampleId :

WC-9871-01

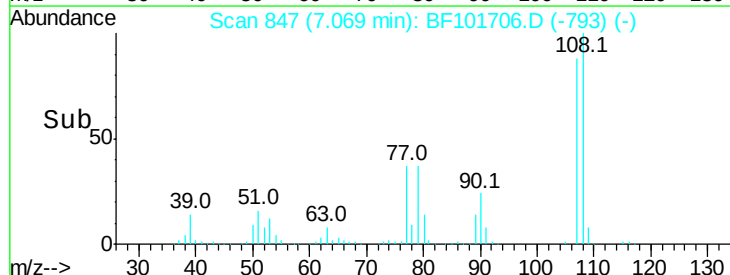
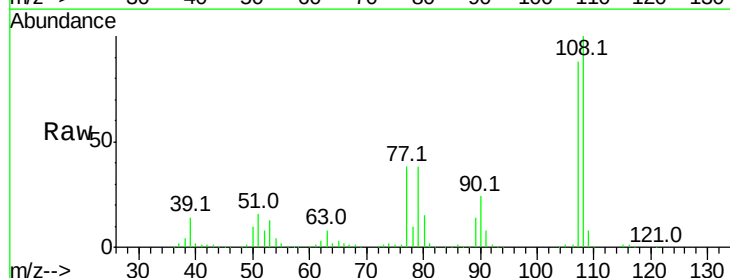
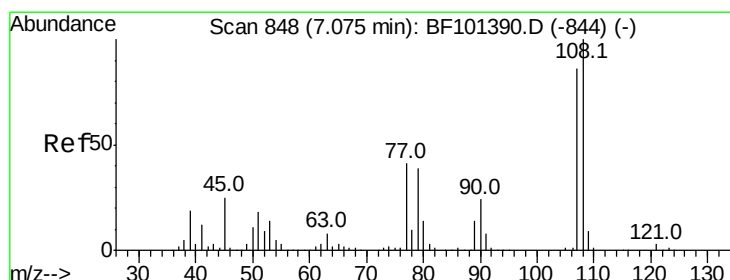
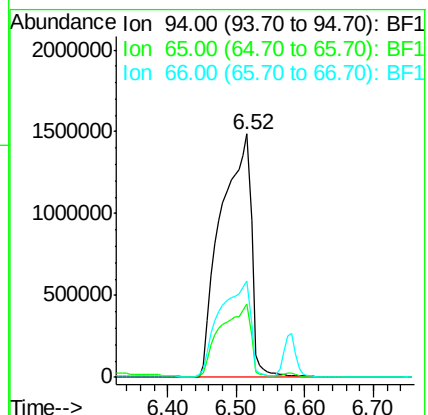
Tot Ion: 94 Resp: 4593537

Ion Ratio Lower Upper

94 100

65 30.1 7.9 47.9

66 39.6 16.2 56.2



#17

2-Methylphenol

Concen: 90.446 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.02 min

Lab File: BF101706.D

Acq: 26 Dec 2017 11:03

Tgt Ion: 107 Resp: 894420

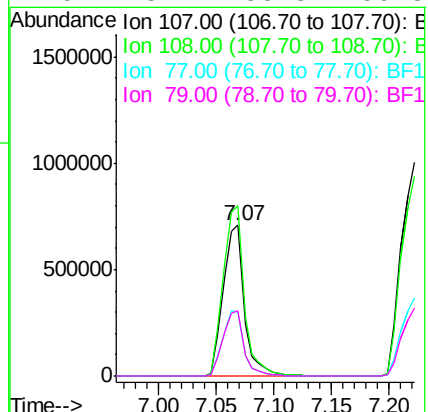
Ion Ratio Lower Upper

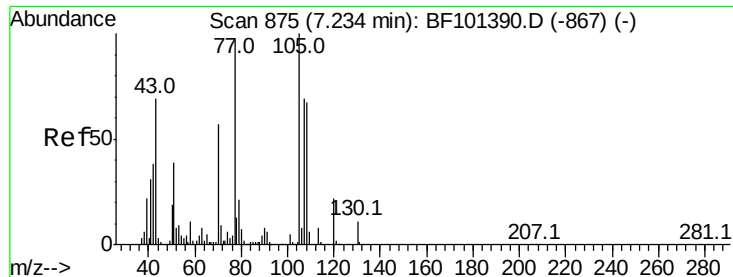
107 100

108 113.1 91.7 137.5

77 42.6 33.8 50.8

79 43.4 33.8 50.8

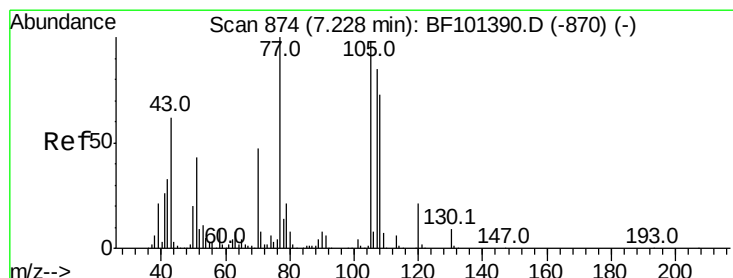
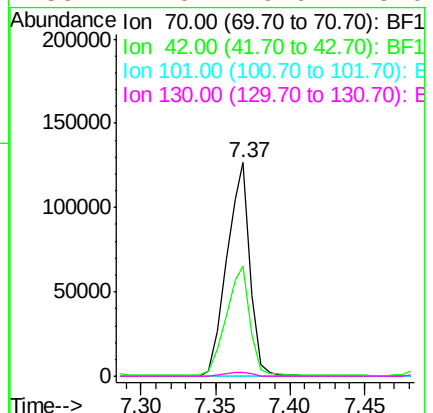
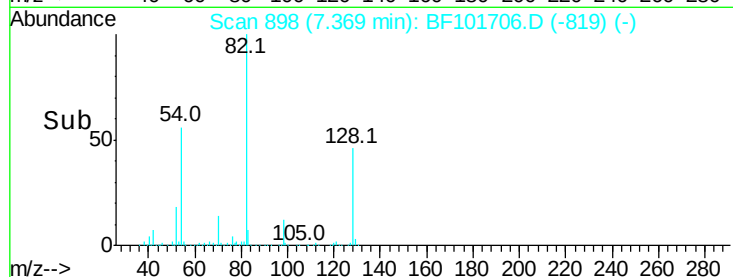
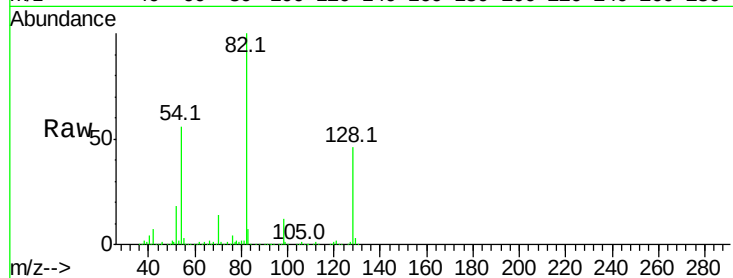




#19
n-Nitroso-di-n-propylamine
Concen: 16.511 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.16 min
Lab File: BF101706.D
Acq: 26 Dec 2017 11:03

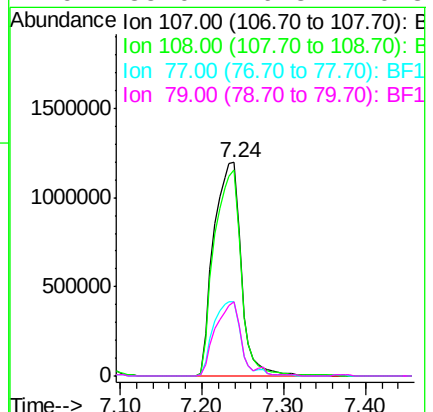
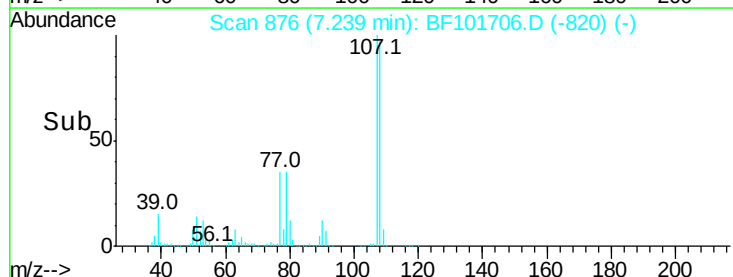
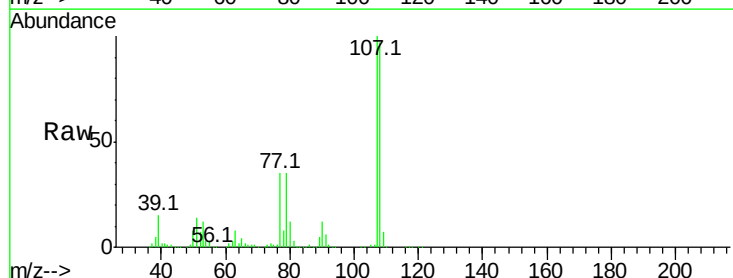
Instrument :
BNA_F
ClientSampleId :
WC-9871-01

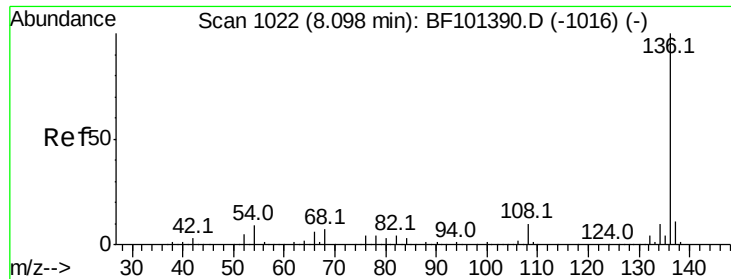
Tot Ion: 70 Resp: 137909
Ion Ratio Lower Upper
70 100
42 51.8 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#20
3+4-Methylphenols
Concen: 265.739 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.03 min
Lab File: BF101706.D
Acq: 26 Dec 2017 11:03

Tgt Ion:107 Resp: 2784721
Ion Ratio Lower Upper
107 100
108 96.6 68.2 108.2
77 35.0 26.7 66.7
79 35.0 6.3 46.3

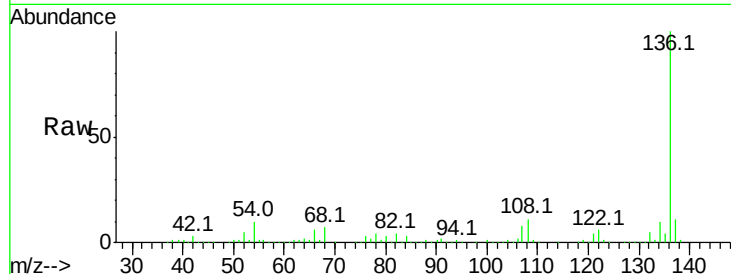




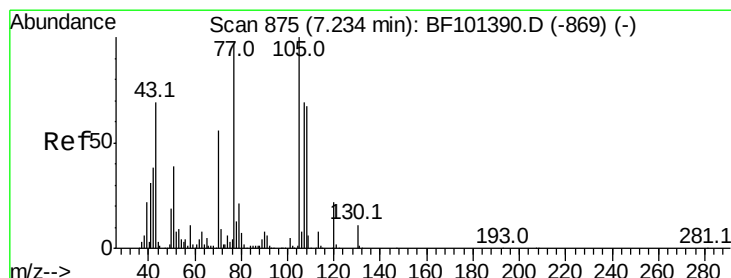
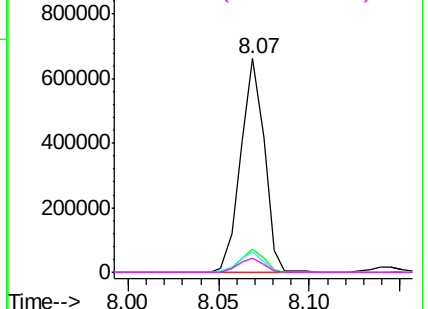
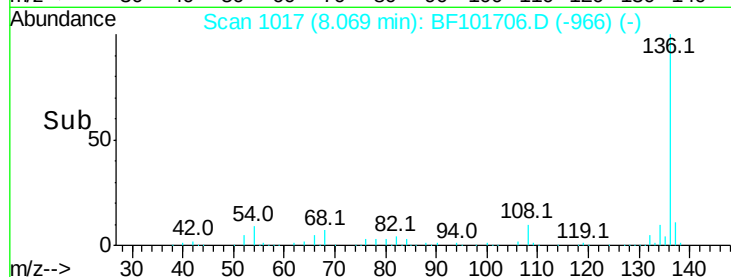
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101706.D
Acq: 26 Dec 2017 11:03

Instrument :
BNA_F
ClientSampleId :
WC-9871-01

Tot Ion:	136	Resp:	600372
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.6	6.6	9.8
68	6.7	5.0	7.4

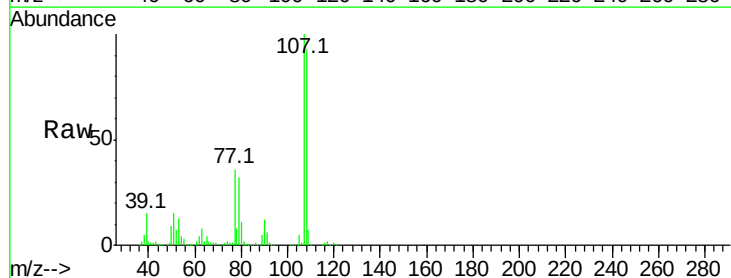


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

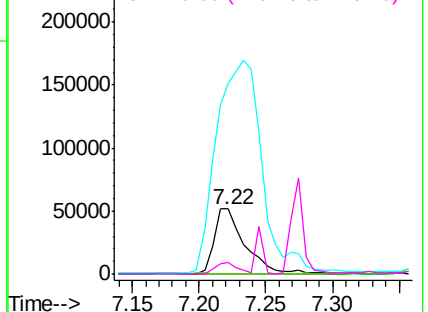
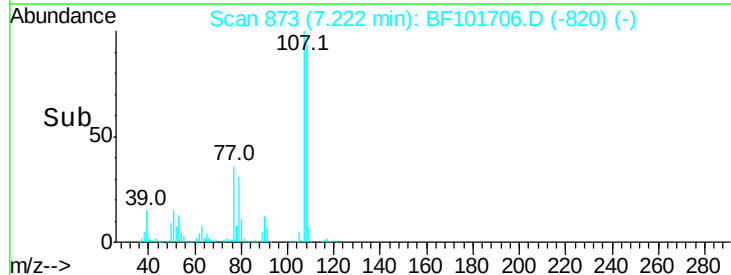


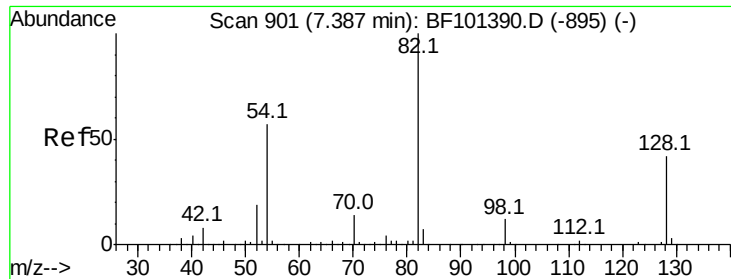
#22
Acetophenone
Concen: 5.973 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF101706.D
Acq: 26 Dec 2017 11:03

Tgt Ion:	105	Resp:	81826
Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.4	6.6#
51	294.0	22.3	33.5#
120	17.3	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

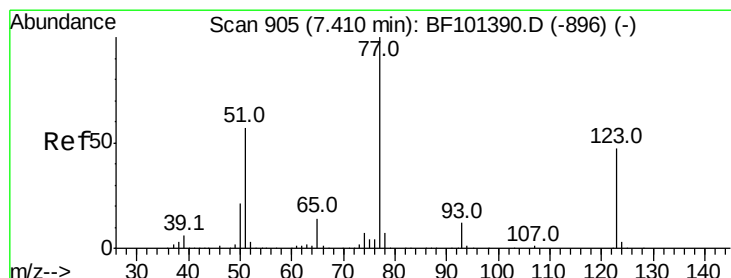
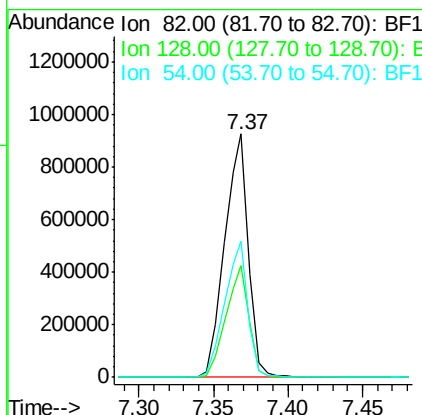
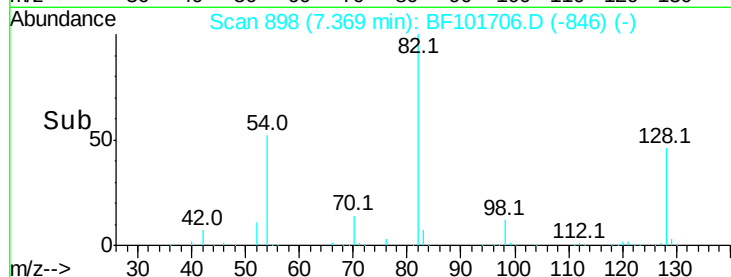
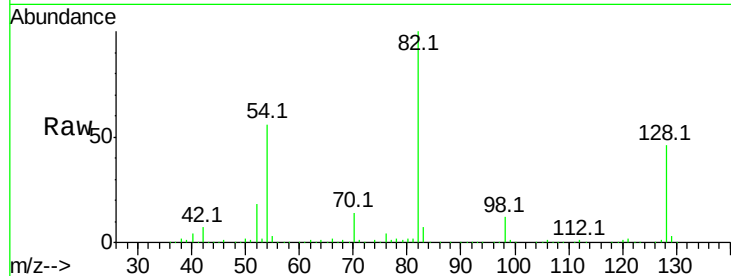




#23
 Nitrobenzene-d5
 Concen: 95.751 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.01 min
 Lab File: BF101706.D
 Acq: 26 Dec 2017 11:03

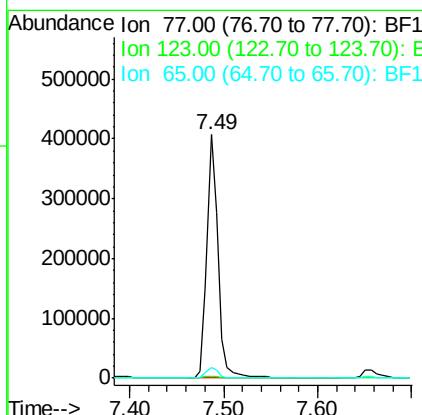
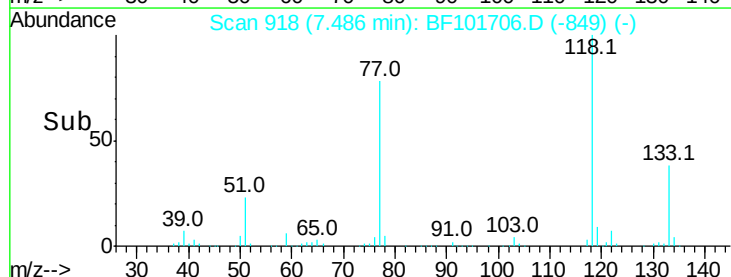
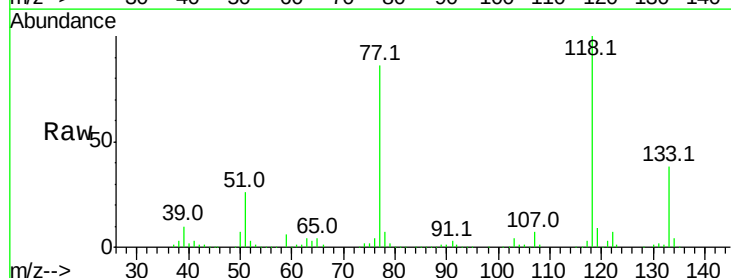
Instrument :
 BNA_F
 ClientSampleId :
 WC-9871-01

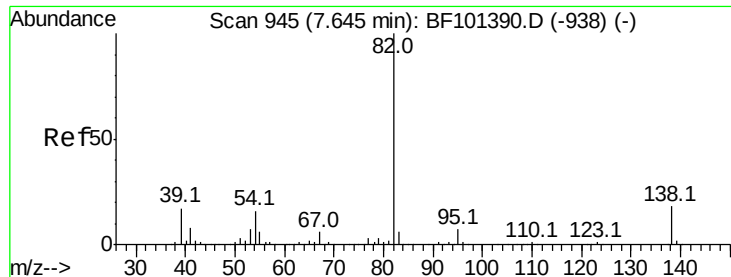
Tot Ion: 82 Resp: 1032706
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.1 54.1
 54 55.8 41.4 62.2



#24
 Nitrobenzene
 Concen: 28.414 ng
 RT: 7.49 min Scan# 918
 Delta R.T. 0.11 min
 Lab File: BF101706.D
 Acq: 26 Dec 2017 11:03

Tgt Ion: 77 Resp: 339164
 Ion Ratio Lower Upper
 77 100
 123 0.8 37.9 56.9#
 65 4.5 11.0 16.4#





#25

Isophorone

Concen: 47.731 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.25 min

Lab File: BF101706.D

Acq: 26 Dec 2017 11:03

Instrument :

BNA_F

ClientSampleId :

WC-9871-01

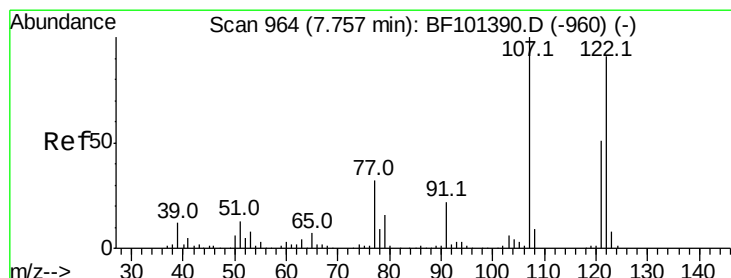
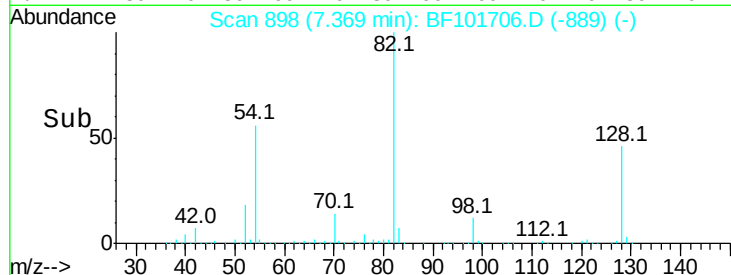
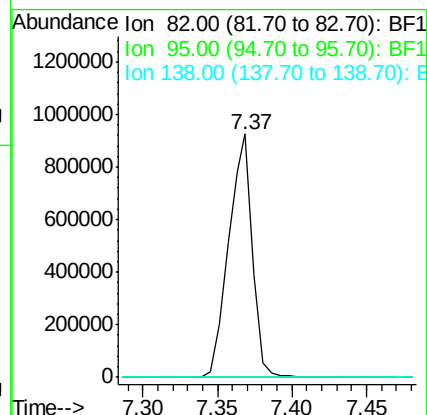
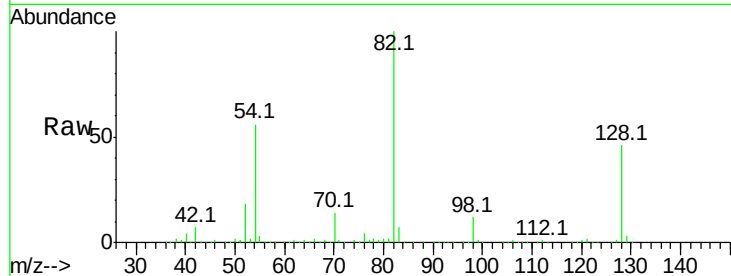
Tot Ion: 82 Resp: 1032706

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#27

2,4-Dimethylphenol

Concen: 77.097 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF101706.D

Acq: 26 Dec 2017 11:03

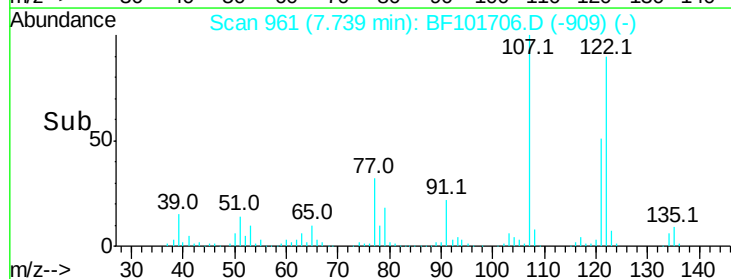
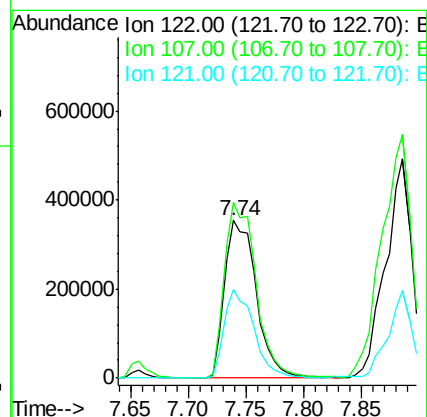
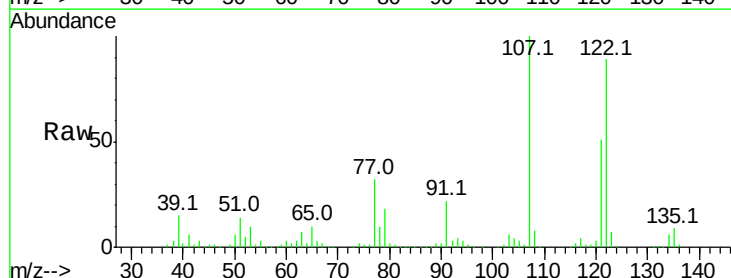
Tgt Ion:122 Resp: 671677

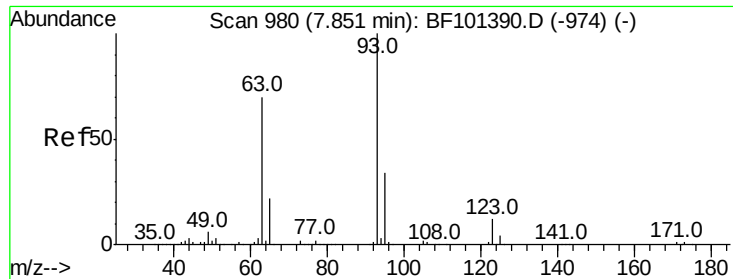
Ion Ratio Lower Upper

122 100

107 112.0 91.2 136.8

121 56.7 47.2 70.8





#28

bis(2-Chloroethoxy)methane

Concen: 2.501 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.06 min

Lab File: BF101706.D

Acq: 26 Dec 2017 11:03

Instrument :

BNA_F

ClientSampleId :

WC-9871-01

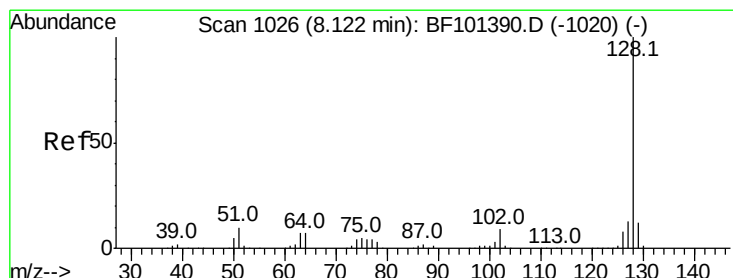
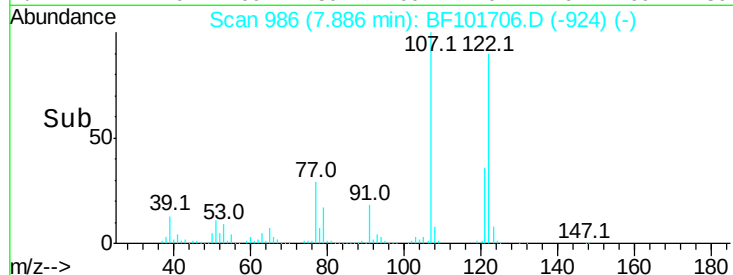
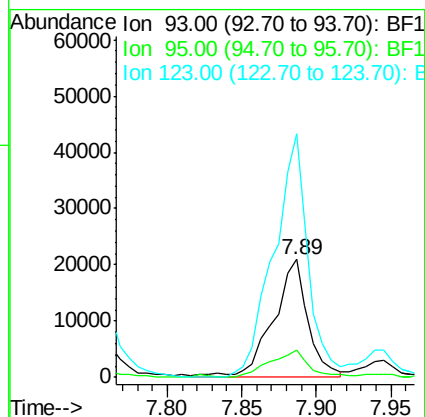
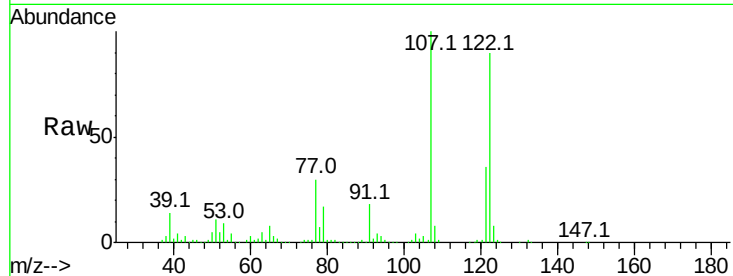
Tot Ion: 93 Resp: 34374

Ion Ratio Lower Upper

93 100

95 22.7 26.3 39.5#

123 206.6 9.8 14.6#



#31

Naphthalene

Concen: 33.825 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF101706.D

Acq: 26 Dec 2017 11:03

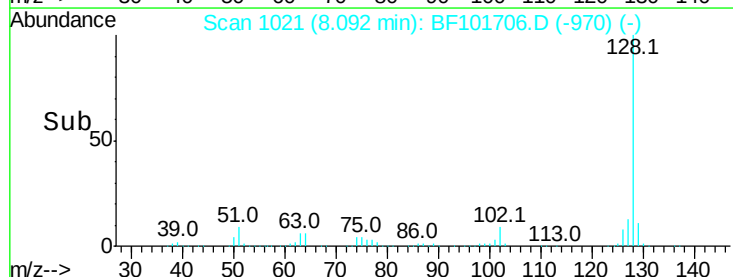
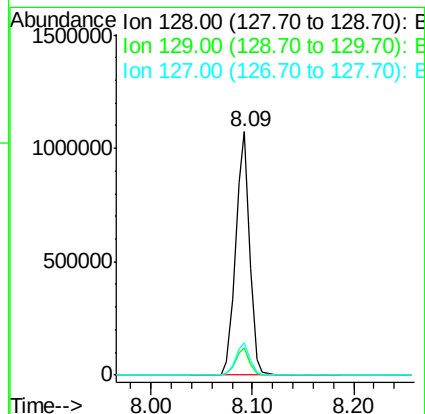
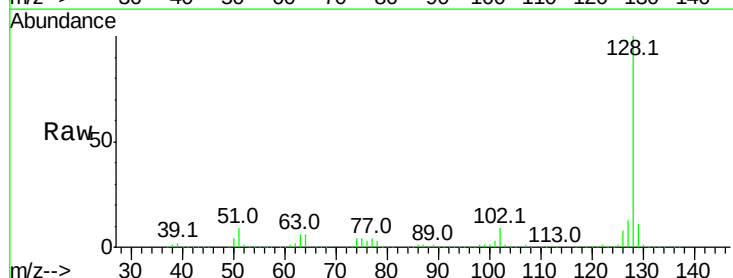
Tgt Ion:128 Resp: 1022357

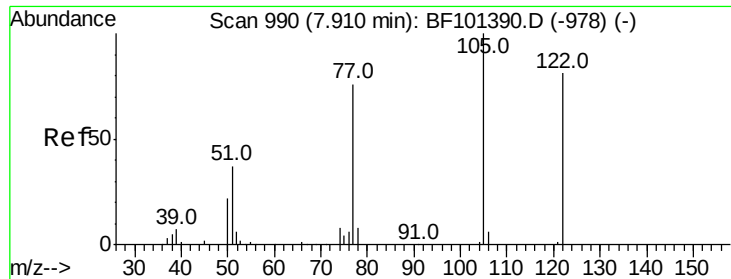
Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

127 13.3 10.9 16.3

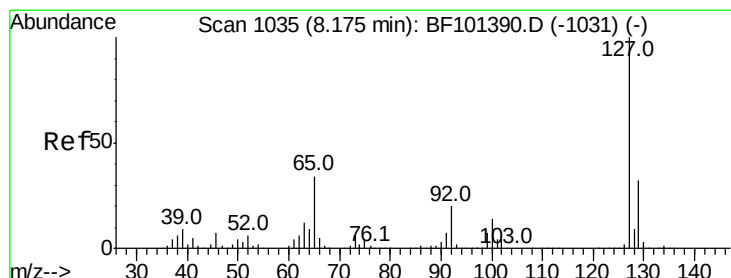
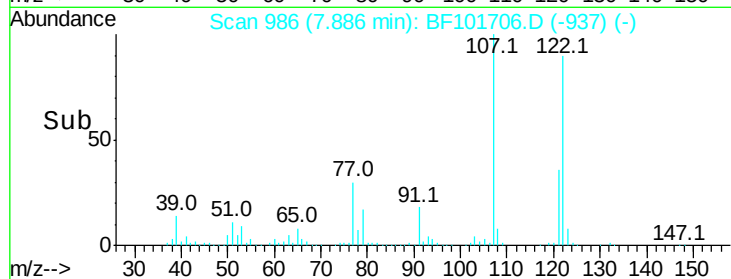
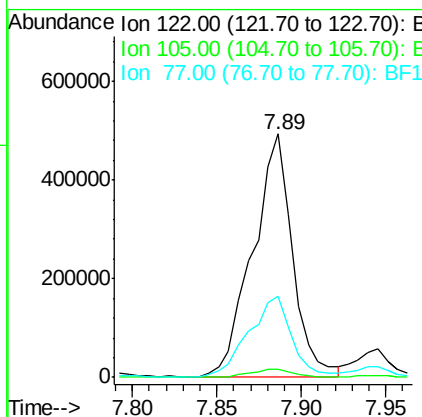
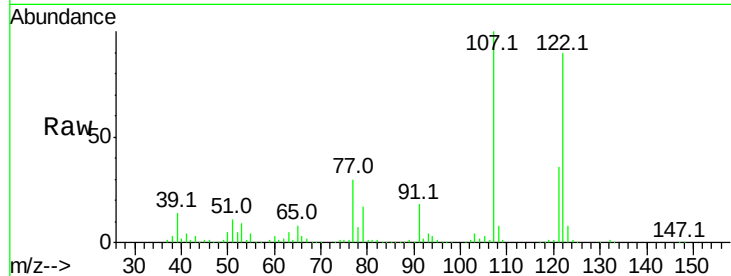




#32
Benzoic acid
Concen: 122.457 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF101706.D
Acq: 26 Dec 2017 11:03

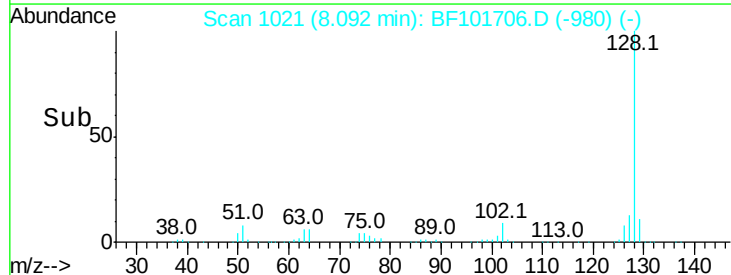
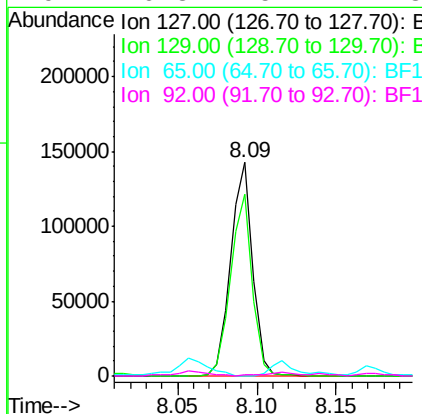
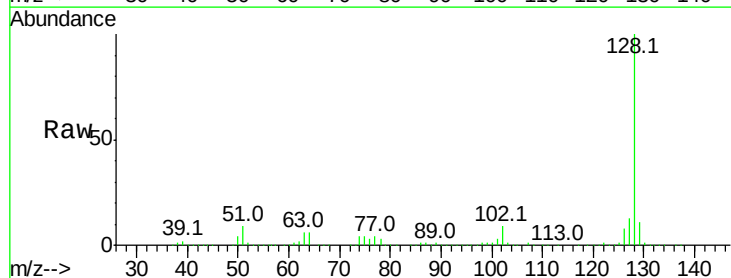
Instrument :
BNA_F
ClientSampleId :
WC-9871-01

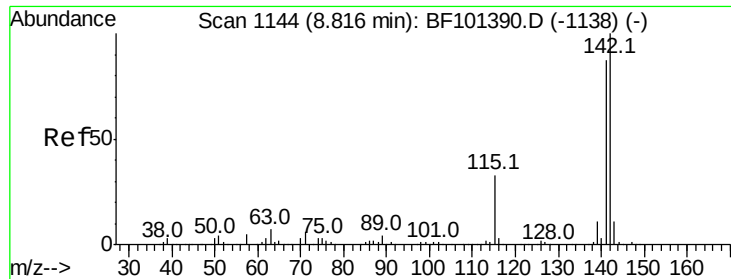
Tot Ion	Ratio	Lower	Upper
122	100		
105	3.6	101.1	141.1#
77	33.1	70.7	110.7#



#33
4-Chloroaniline
Concen: 10.413 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.06 min
Lab File: BF101706.D
Acq: 26 Dec 2017 11:03

Tgt Ion	Ratio	Lower	Upper
127	100		
129	85.1	25.9	38.9#
65	0.0	25.0	37.4#
92	0.3	15.2	22.8#

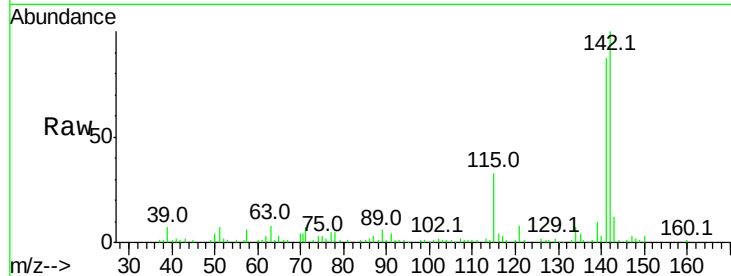




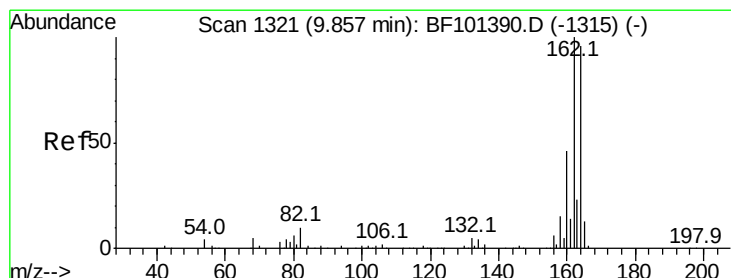
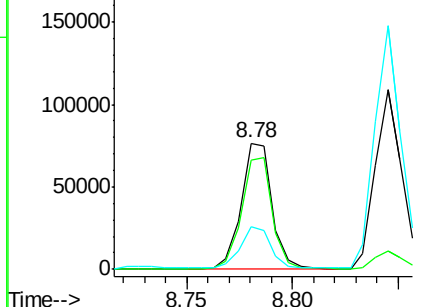
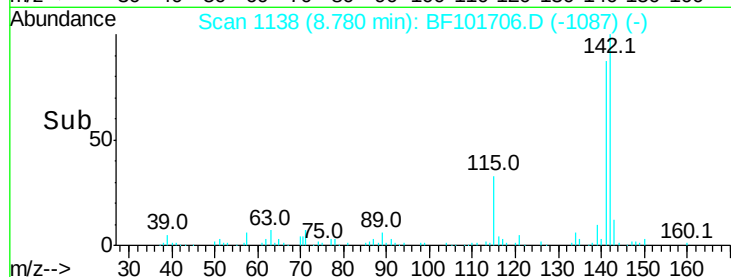
#37
2-Methylnaphthalene
Concen: 3.953 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BF101706.D
Acq: 26 Dec 2017 11:03

Instrument :
BNA_F
ClientSampleId :
WC-9871-01

Tot Ion:142 Resp: 77835
Ion Ratio Lower Upper
142 100
141 86.7 70.8 106.2
115 33.4 26.1 39.1

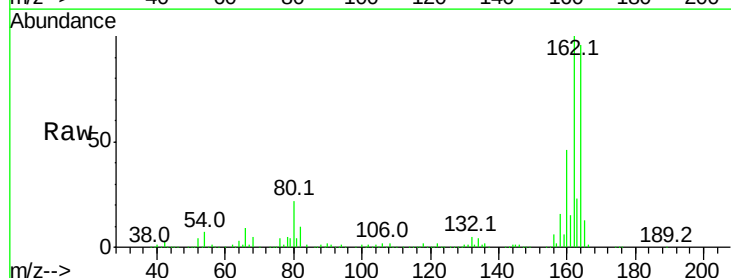


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

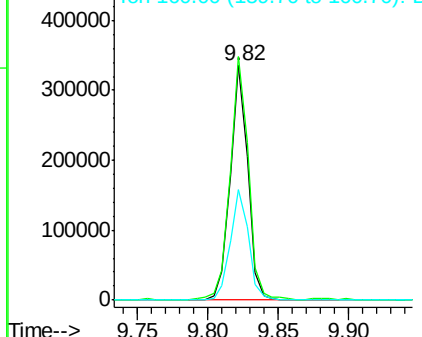
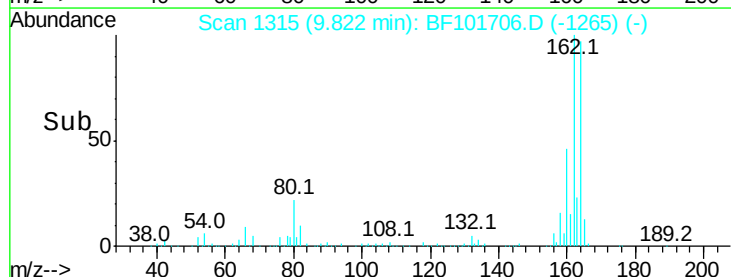


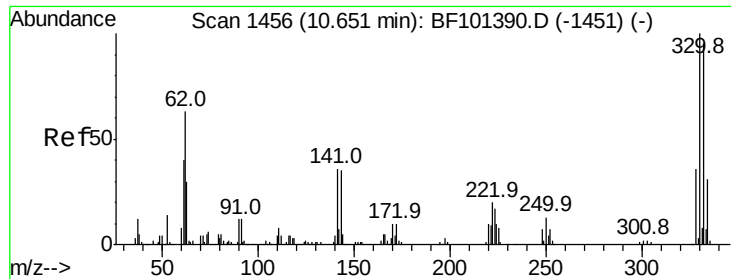
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101706.D
Acq: 26 Dec 2017 11:03

Tgt Ion:164 Resp: 290360
Ion Ratio Lower Upper
164 100
162 103.8 86.1 129.1
160 47.2 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: 147.089 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BF101706.D

Acq: 26 Dec 2017 11:03

Instrument :

BNA_F

ClientSampleId :

WC-9871-01

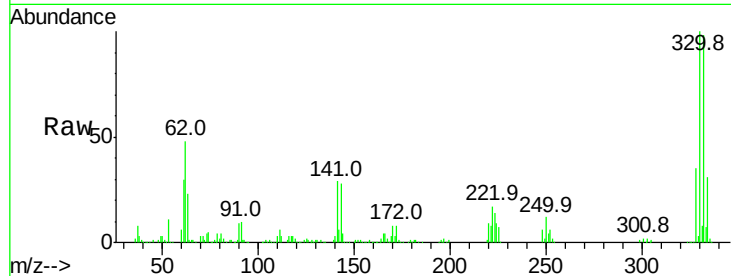
Tot Ion:330 Resp: 411532

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

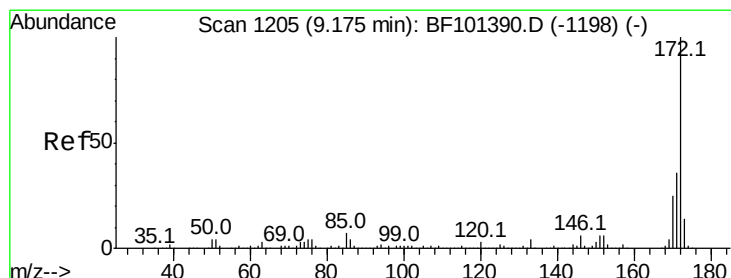
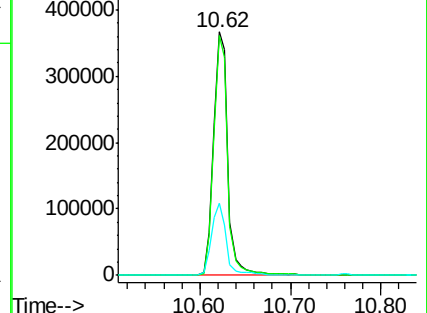
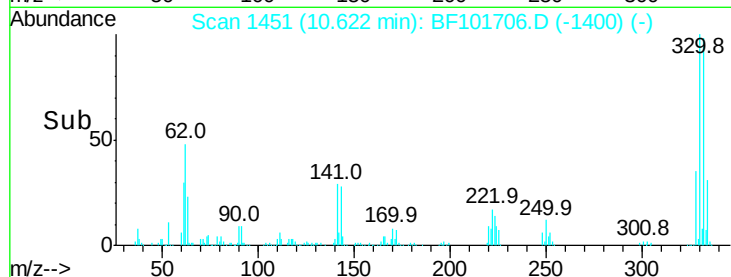
141 31.4 29.9 44.9



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: 90.034 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BF101706.D

Acq: 26 Dec 2017 11:03

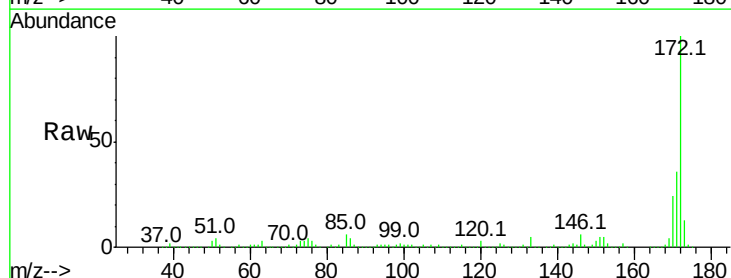
Tgt Ion:172 Resp: 1685244

Ion Ratio Lower Upper

172 100

171 36.1 29.7 44.5

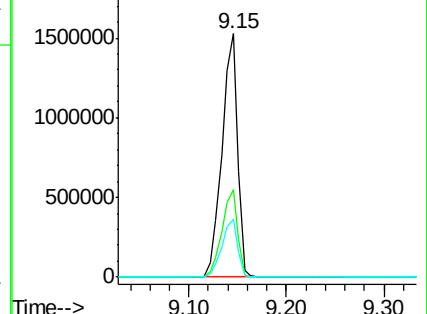
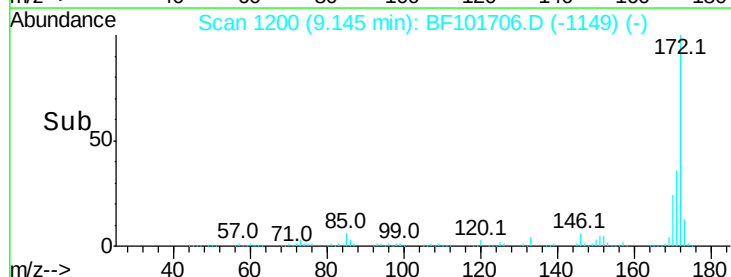
170 24.0 19.6 29.4

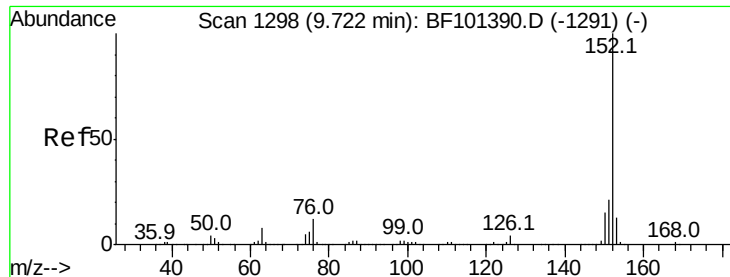


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#48

Acenaphthylene

Concen: 2.888 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BF101706.D

Acq: 26 Dec 2017 11:03

Instrument :

BNA_F

ClientSampleId :

WC-9871-01

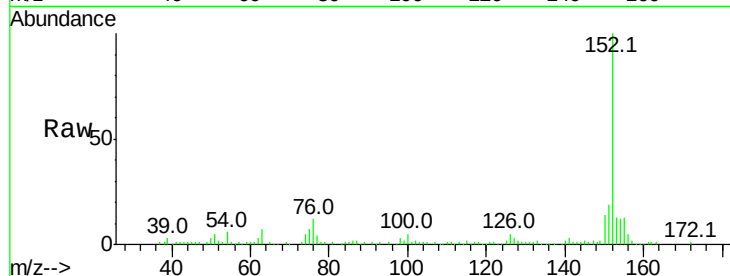
Tot Ion:152 Resp: 89876

Ion Ratio Lower Upper

152 100

151 19.4 16.3 24.5

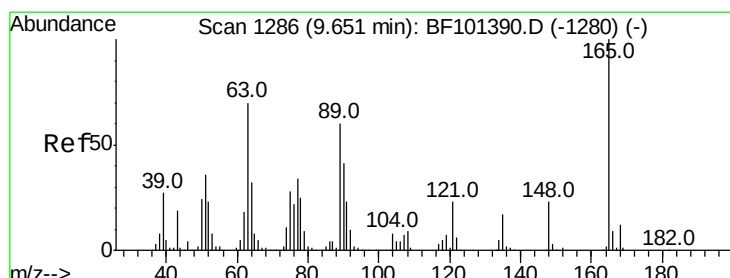
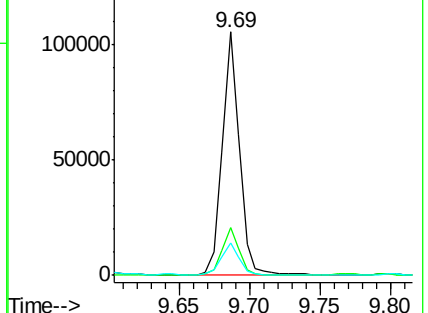
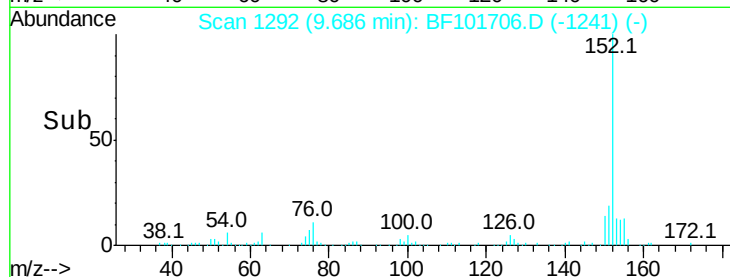
153 13.1 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

2,6-Dinitrotoluene

Concen: 7.970 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.19 min

Lab File: BF101706.D

Acq: 26 Dec 2017 11:03

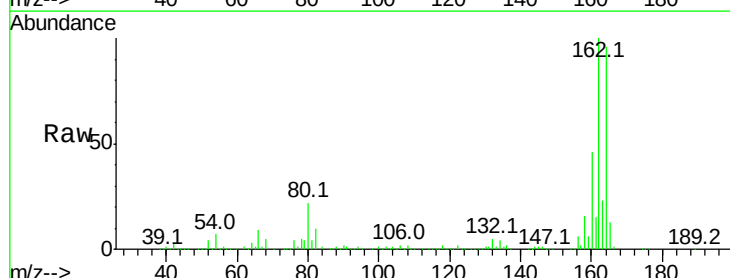
Tgt Ion:165 Resp: 37830

Ion Ratio Lower Upper

165 100

63 3.6 44.7 67.1#

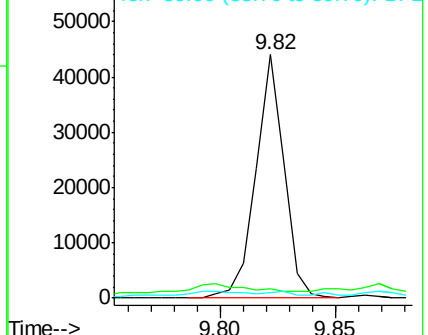
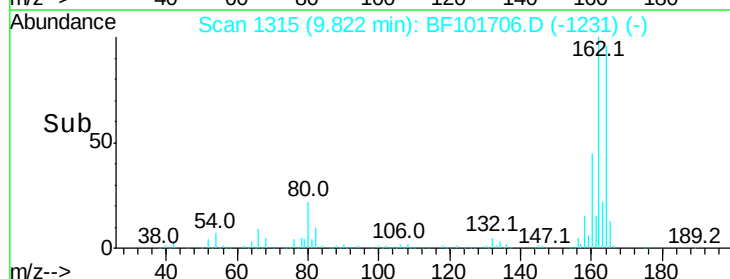
89 2.1 44.0 66.0#

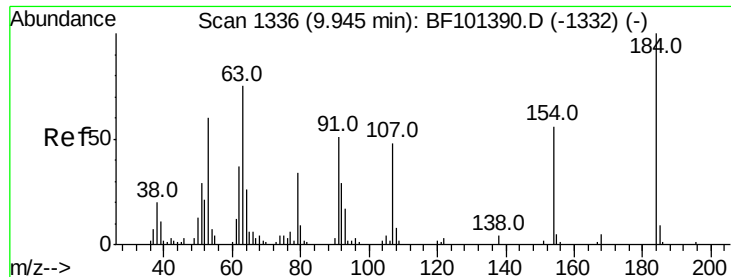


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

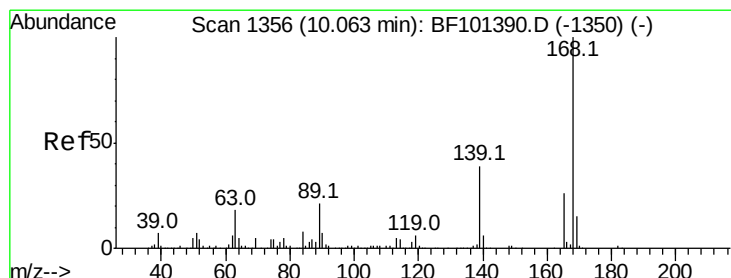
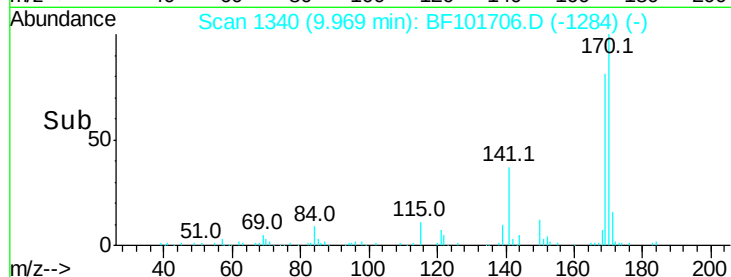
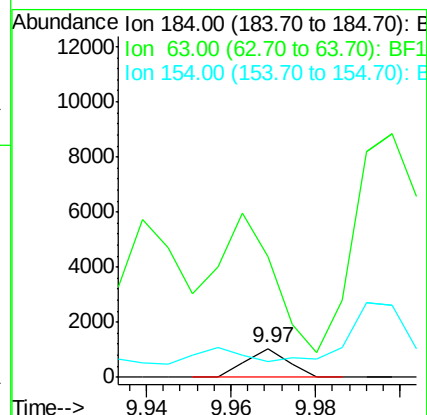
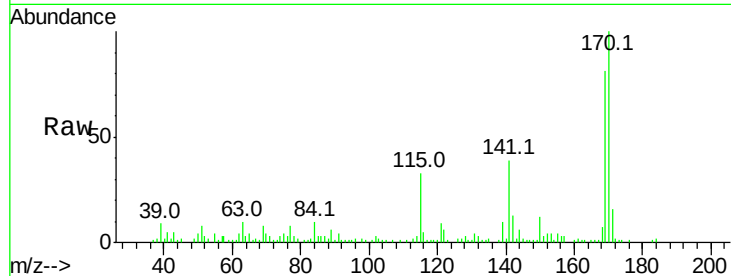




#53
 2,4-Dinitrophenol
 Concen: 10.712 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.03 min
 Lab File: BF101706.D
 Acq: 26 Dec 2017 11:03

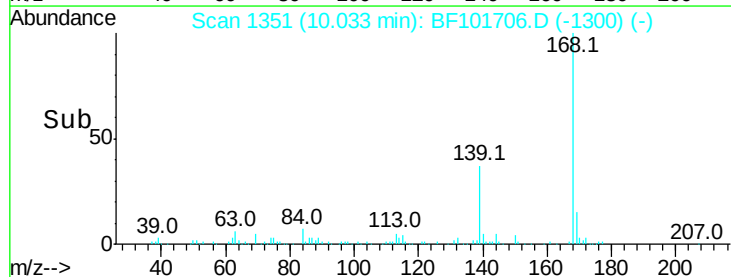
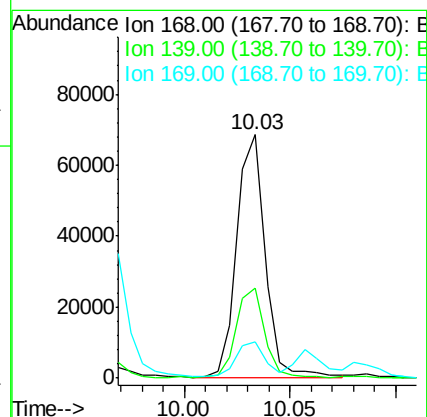
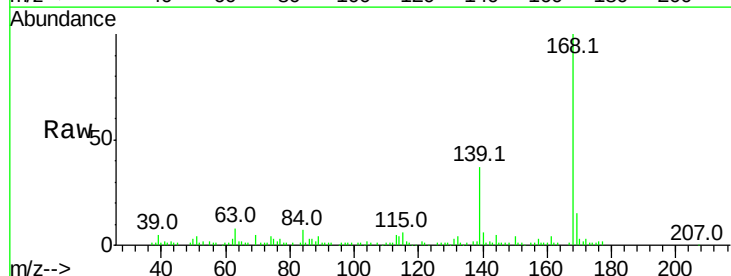
Instrument :
 BNA_F
 ClientSampled :
 WC-9871-01

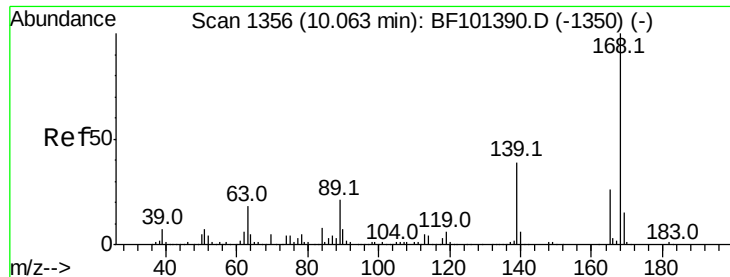
Tot Ion:184 Resp: 744
 Ion Ratio Lower Upper
 184 100
 63 414.3 54.2 81.2#
 154 54.0 184.0 276.0#



#54
 Dibenzofuran
 Concen: 2.705 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.00 min
 Lab File: BF101706.D
 Acq: 26 Dec 2017 11:03

Tgt Ion:168 Resp: 64273
 Ion Ratio Lower Upper
 168 100
 139 37.0 30.1 45.1
 169 14.8 10.9 16.3

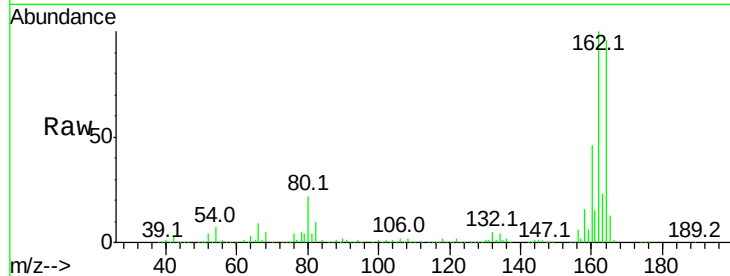




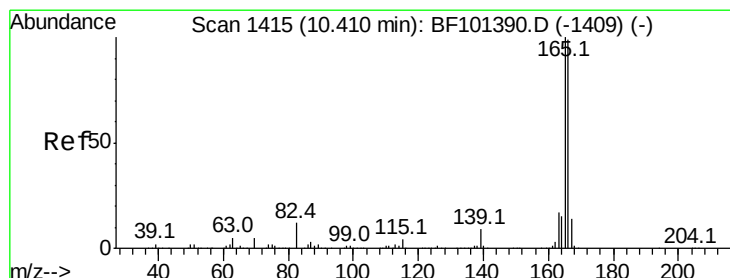
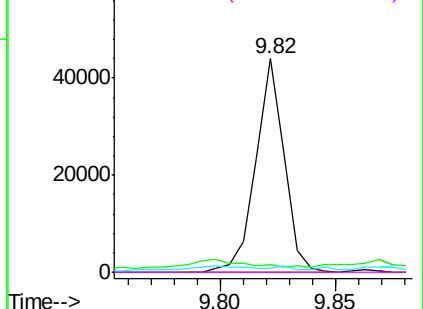
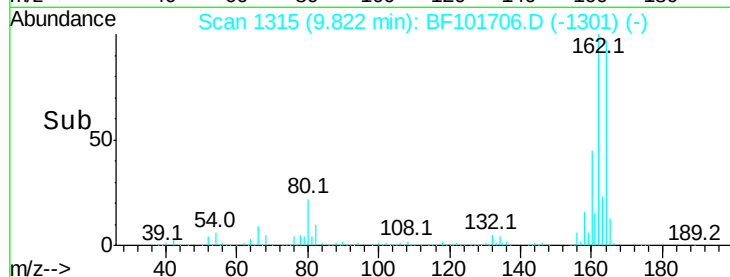
#56
 2,4-Dinitrotoluene
 Concen: 7.074 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.22 min
 Lab File: BF101706.D
 Acq: 26 Dec 2017 11:03

Instrument :
 BNA_F
 ClientSampleId :
 WC-9871-01

Tot Ion:165 Resp: 37830
 Ion Ratio Lower Upper
 165 100
 63 3.6 36.4 54.6#
 89 2.1 57.8 86.6#
 182 0.0 1.6 2.4#

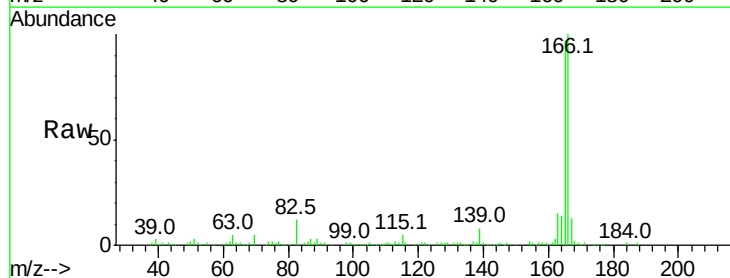


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

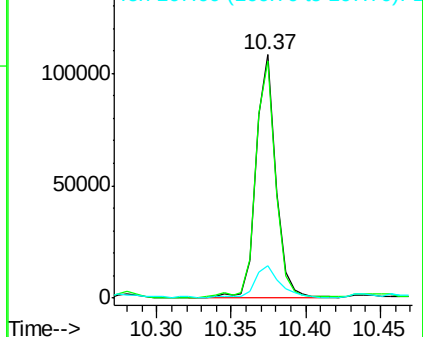
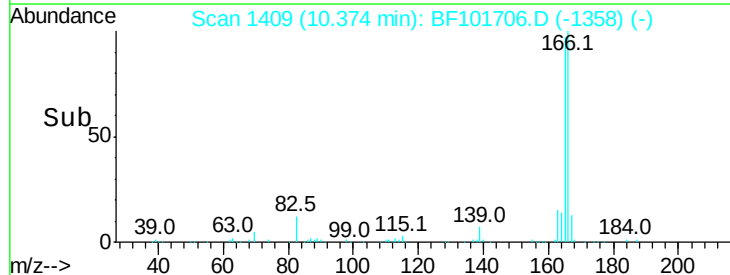


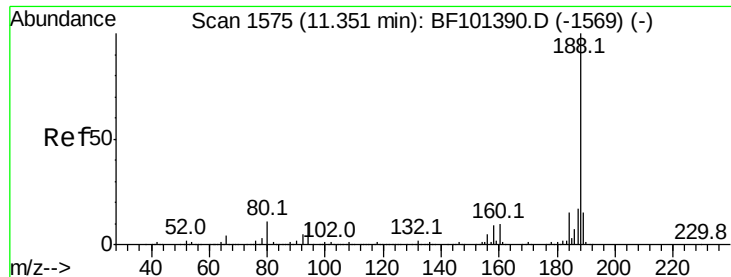
#57
 Fluorene
 Concen: 4.894 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.00 min
 Lab File: BF101706.D
 Acq: 26 Dec 2017 11:03

Tgt Ion:166 Resp: 98372
 Ion Ratio Lower Upper
 166 100
 165 97.3 79.8 119.8
 167 13.3 10.6 16.0



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

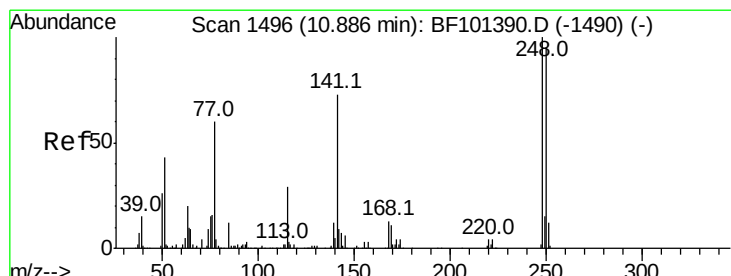
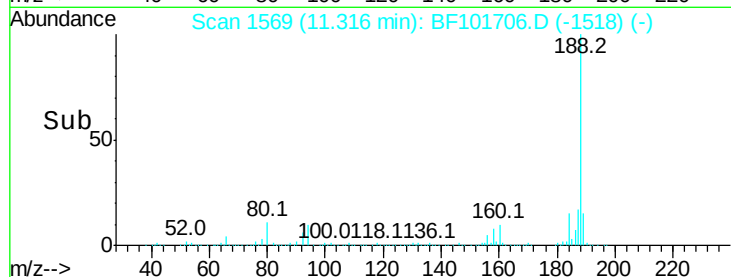
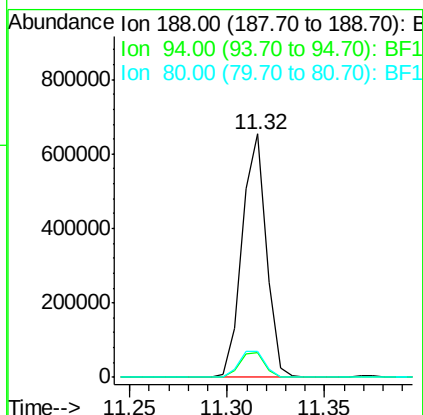
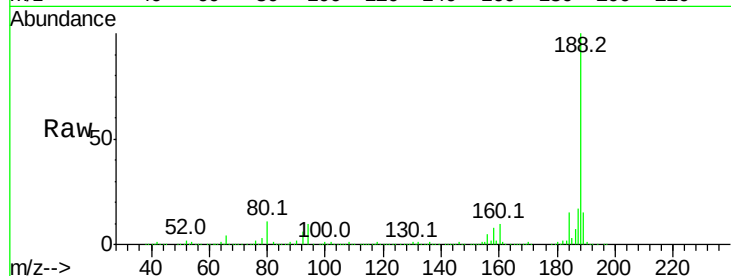




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF101706.D
Acq: 26 Dec 2017 11:03

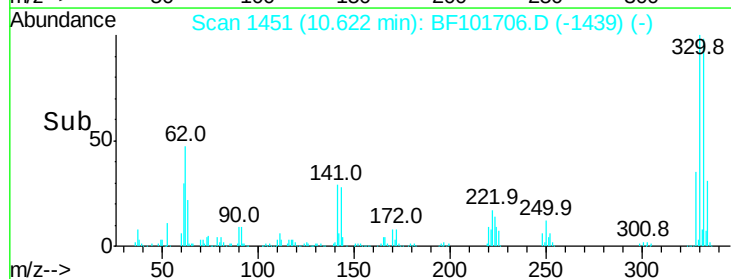
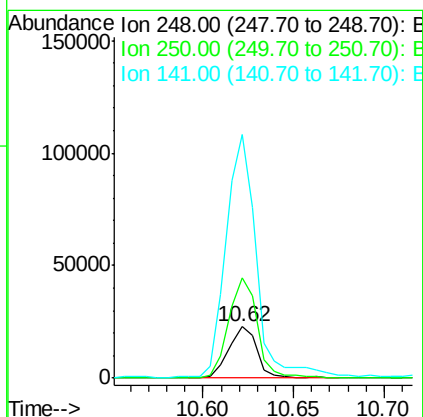
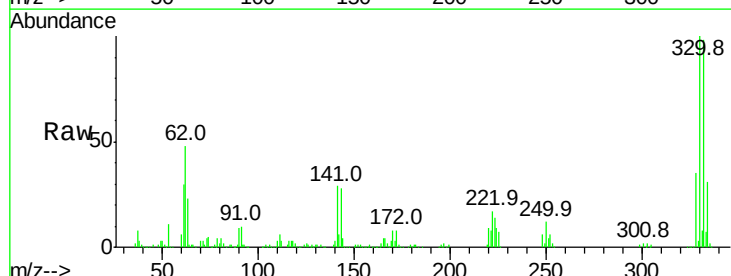
Instrument :
BNA_F
ClientSampleId :
WC-9871-01

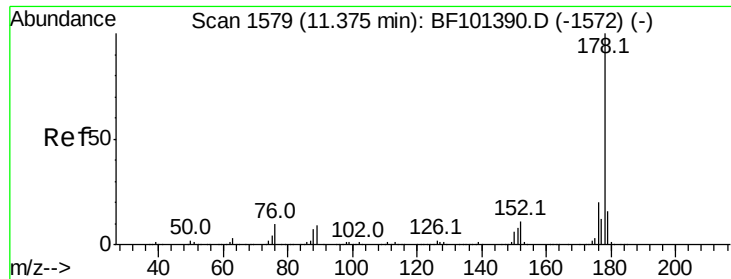
Tot Ion:188 Resp: 561893
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.6 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.964 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.23 min
Lab File: BF101706.D
Acq: 26 Dec 2017 11:03

Tgt Ion:248 Resp: 25030
Ion Ratio Lower Upper
248 100
250 195.0 76.9 115.3#
141 474.4 74.4 111.6#

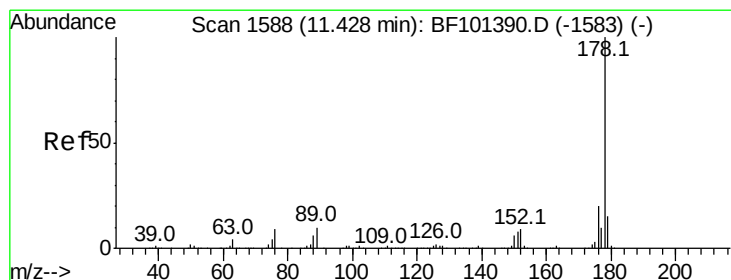
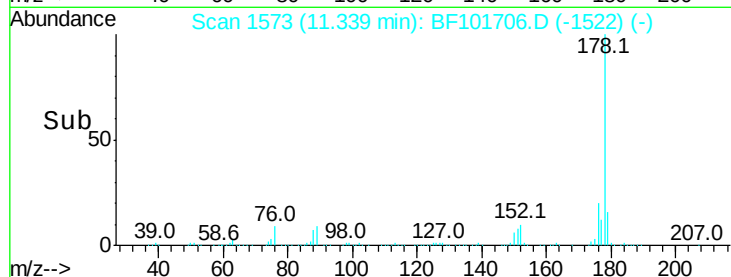
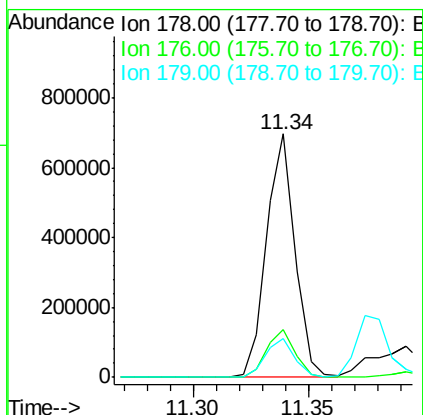
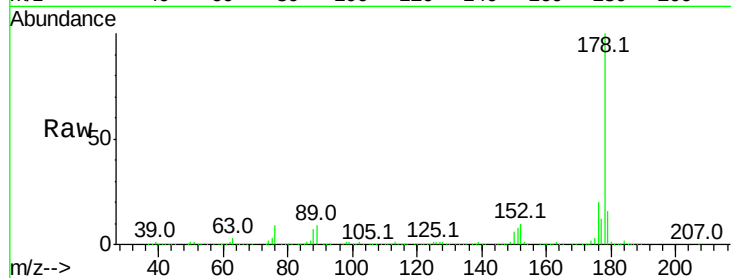




#70
 Phenanthrene
 Concen: 19.079 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BF101706.D
 Acq: 26 Dec 2017 11:03

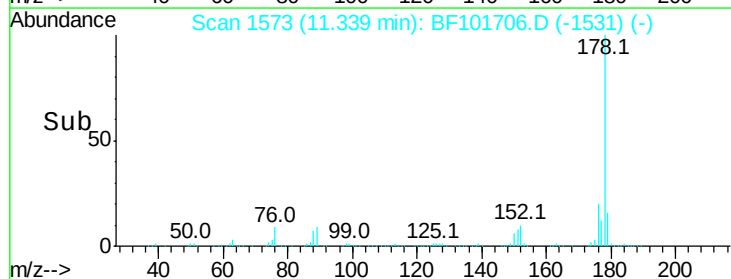
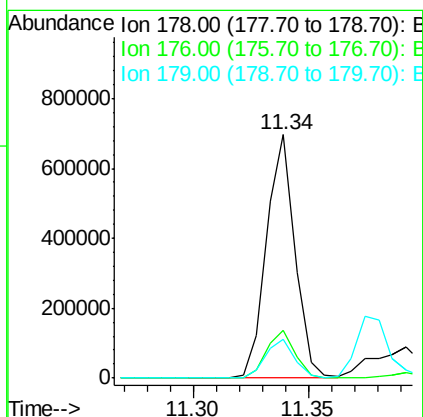
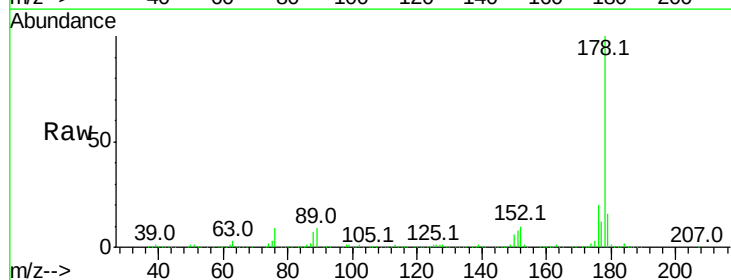
Instrument :
 BNA_F
 ClientSampleId :
 WC-9871-01

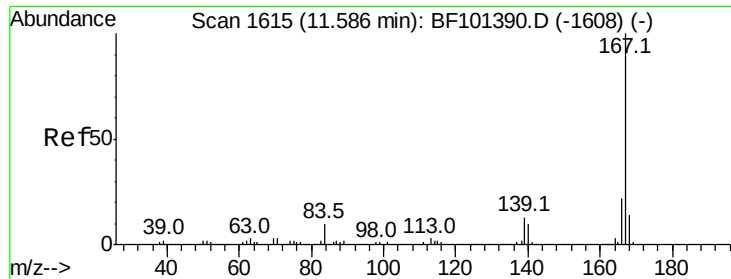
Tot Ion:178 Resp: 596174
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 16.1 13.0 19.6



#71
 Anthracene
 Concen: 18.678 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.05 min
 Lab File: BF101706.D
 Acq: 26 Dec 2017 11:03

Tgt Ion:178 Resp: 596174
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.4 23.2
 179 16.1 12.6 19.0





#72

Carbazole

Concen: 48.345 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BF101706.D

Acq: 26 Dec 2017 11:03

Instrument :

BNA_F

ClientSampleId :

WC-9871-01

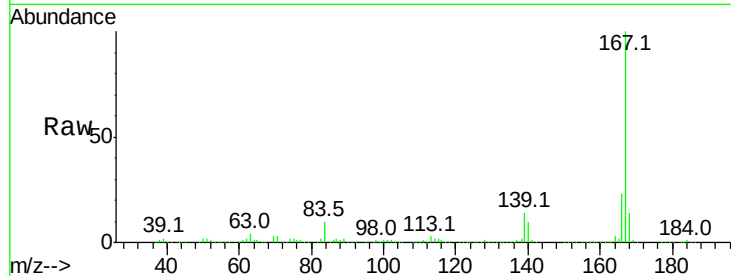
Tot Ion:167 Resp: 1444759

Ion Ratio Lower Upper

167 100

166 22.7 17.6 26.4

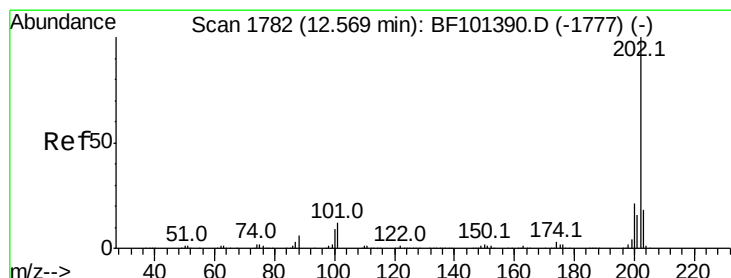
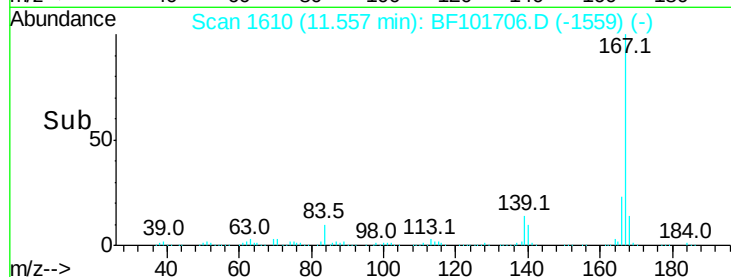
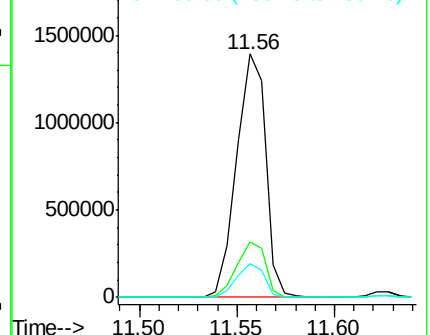
139 13.6 10.9 16.3



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: 4.562 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF101706.D

Acq: 26 Dec 2017 11:03

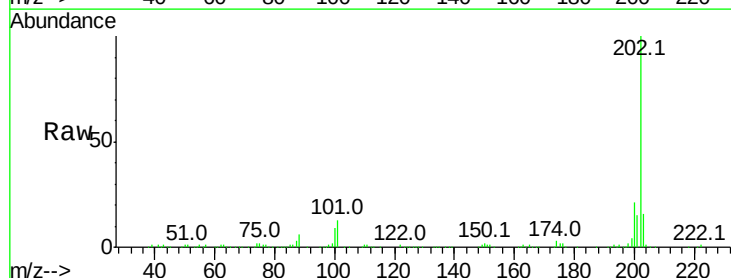
Tgt Ion:202 Resp: 149633

Ion Ratio Lower Upper

202 100

101 12.7 0.0 34.1

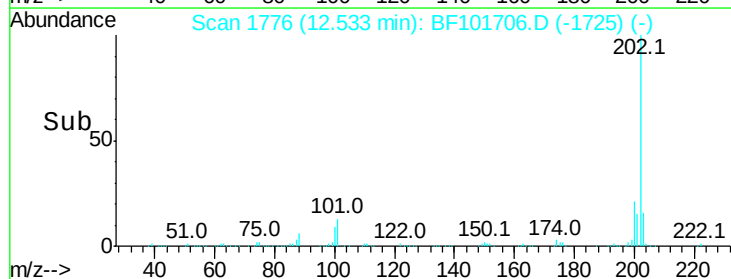
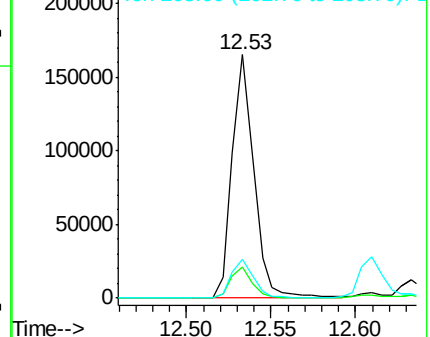
203 16.2 0.0 38.1

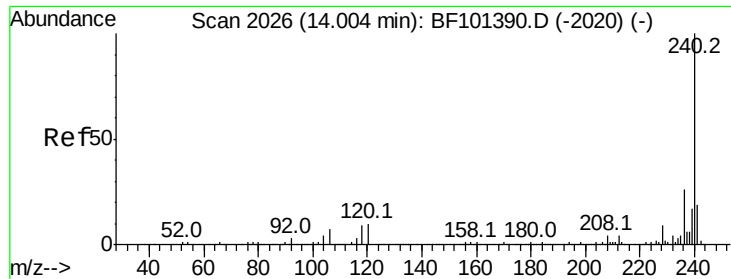


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF101706.D

Acq: 26 Dec 2017 11:03

Instrument :

BNA_F

ClientSampleId :

WC-9871-01

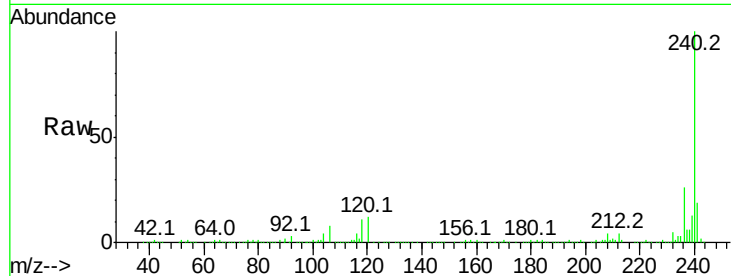
Tot Ion:240 Resp: 529428

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

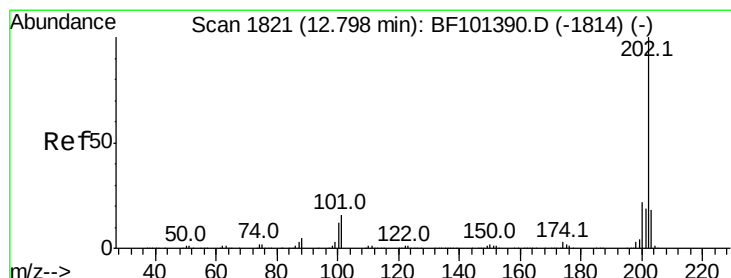
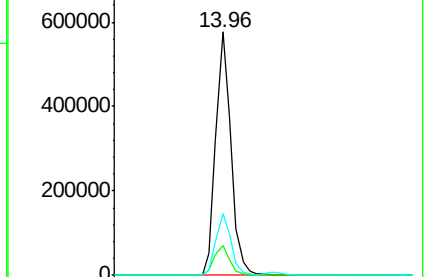
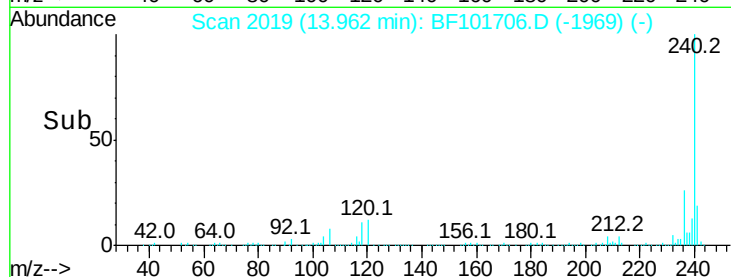
236 25.6 20.7 31.1



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



#77

Pyrene

Concen: 2.302 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.00 min

Lab File: BF101706.D

Acq: 26 Dec 2017 11:03

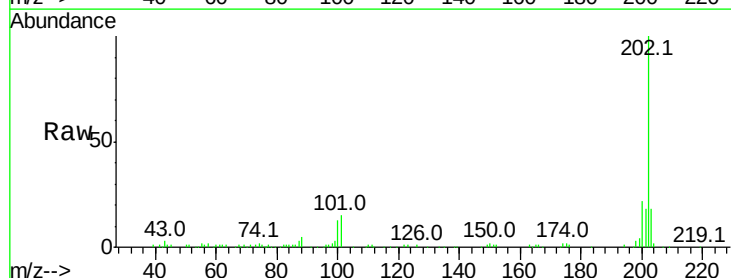
Tgt Ion:202 Resp: 91477

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

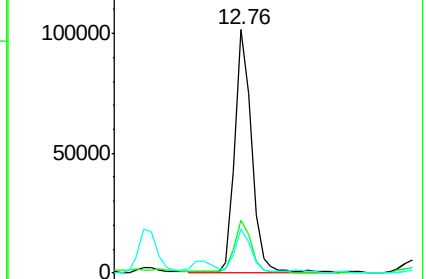
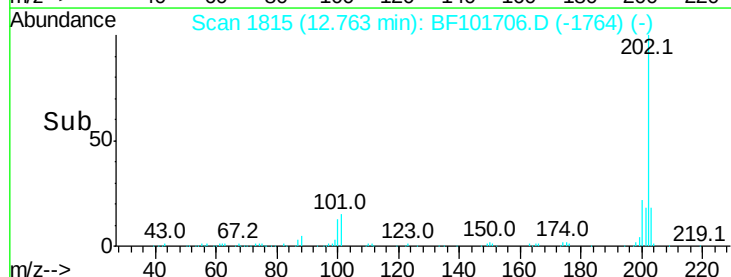
203 18.0 14.3 21.5

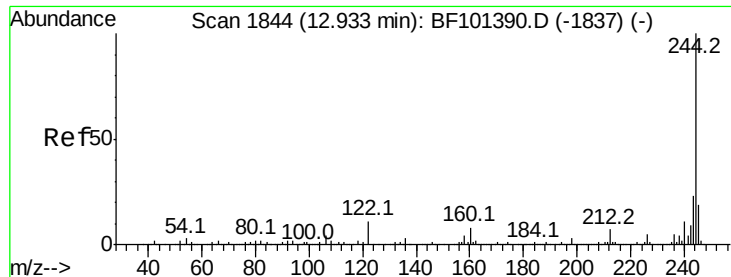


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 83.920 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF101706.D

Acq: 26 Dec 2017 11:03

Instrument :

BNA_F

ClientSampleId :

WC-9871-01

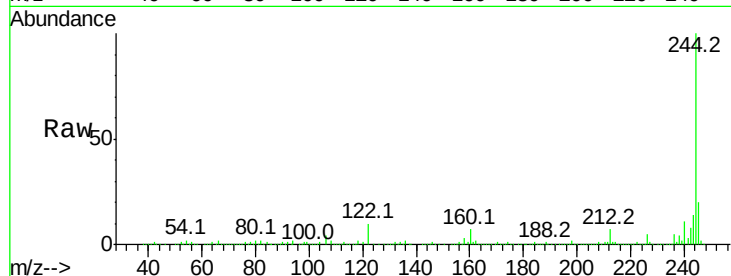
Tot Ion:244 Resp: 1842961

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

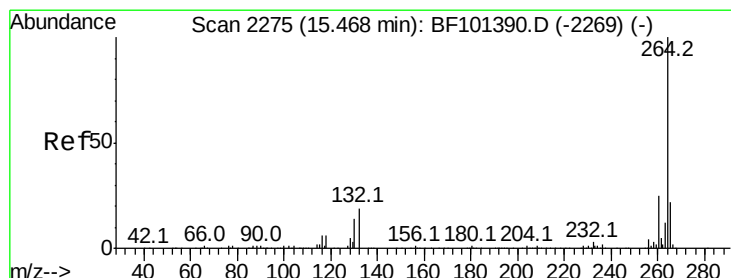
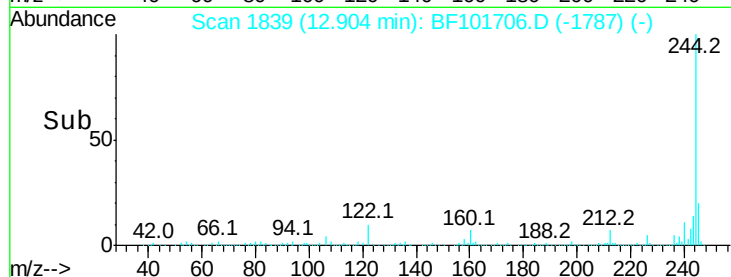
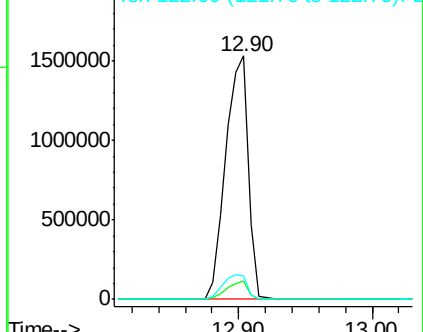
122 9.8 11.0 16.4#



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. -0.01 min

Lab File: BF101706.D

Acq: 26 Dec 2017 11:03

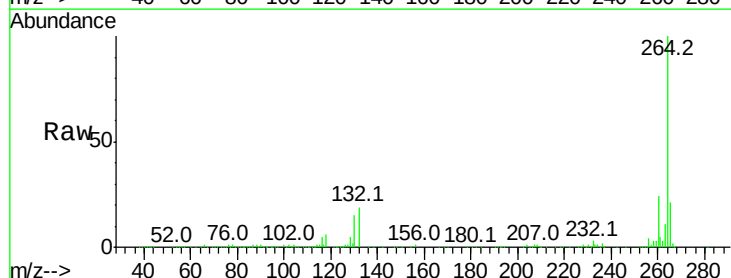
Tgt Ion:264 Resp: 485344

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.3 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

