

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
 Data File : BF101701.D
 Acq On : 23 Dec 2017 13:59
 Operator : SJ/JU
 Sample : I6848-03
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-9871-01

Quant Time: Dec 24 22:37:24 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	146639	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	579255	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	257658	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	426751	20.00	ng	0.00
75) Chrysene-d12	13.96	240	291671	20.00	ng	0.00
86) Perylene-d12	15.43	264	273320	20.00	ng	0.00

System Monitoring Compounds

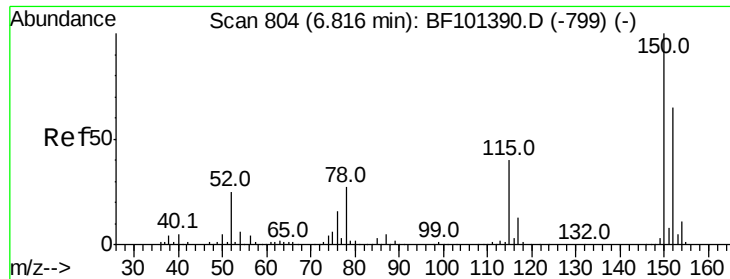
5) 2-Fluorophenol	5.53	112	1296622	131.71	ng	0.12
7) Phenol-d6	6.48	99	1154261	94.21	ng	0.05
23) Nitrobenzene-d5	7.37	82	986340	94.79	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	323204	130.18	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1522865	91.68	ng	0.00
78) Terphenyl-d14	12.90	244	1308910	108.19	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	3.49	79	7920665	563.584	ng	98
6) Aniline	6.46	93	159098	9.345	ng	# 1
9) Benzaldehyde	6.26	77	165423	18.283	ng	# 1
10) Phenol	6.52	94	4476079	320.544	ng	96
11) bis(2-Chloroethyl)ether	6.46	93	159098	14.525	ng	# 79
17) 2-Methylphenol	7.06	107	876486	92.013	ng	96
19) n-Nitroso-di-n-propylamine	7.37	70	131837	16.386	ng	# 81
20) 3+4-Methylphenols	7.23	107	2713278	268.797	ng	89
22) Acetophenone	7.22	105	82697	6.257	ng	# 1
24) Nitrobenzene	7.49	77	358243	31.106	ng	# 41
25) Isophorone	7.37	82	986472	47.256	ng	# 64
27) 2,4-Dimethylphenol	7.74	122	635374	75.589	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	30747	2.319	ng	# 1
31) Naphthalene	8.09	128	975140	33.439	ng	100
32) Benzoic acid	7.89	122	752752	118.825	ng	# 14
33) 4-Chloroaniline	8.09	127	128879	10.168	ng	# 34
37) 2-Methylnaphthalene	8.78	142	72697	3.826	ng	98
48) Acenaphthylene	9.69	152	78619	2.847	ng	98
50) 2,6-Dinitrotoluene	9.82	165	33143	7.868	ng	# 28
53) 2,4-Dinitrophenol	9.97	184	812	10.802	ng	# 1
54) Dibenzofuran	10.03	168	53602	2.542	ng	98
56) 2,4-Dinitrotoluene	9.82	165	33143	6.984	ng	# 25
57) Fluorene	10.37	166	83521	4.683	ng	100
66) 4-Bromophenyl-phenylether	10.62	248	20032	4.178	ng	# 1
70) Phenanthrene	11.34	178	461337	19.439	ng	98
71) Anthracene	11.34	178	461337	19.031	ng	99
72) Carbazole	11.56	167	1085675	47.834	ng	100
74) Fluoranthene	12.53	202	90327	3.626	ng	97
77) Pyrene	12.76	202	53624	2.450	ng	98

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

```
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Data File : BF101701.D  
Acq On    : 23 Dec 2017  13:59  
Operator  : SJ/JU  
Sample    : I6848-03  
Misc      :  
ALS Vial  : 51      Sample Multiplier: 1
```

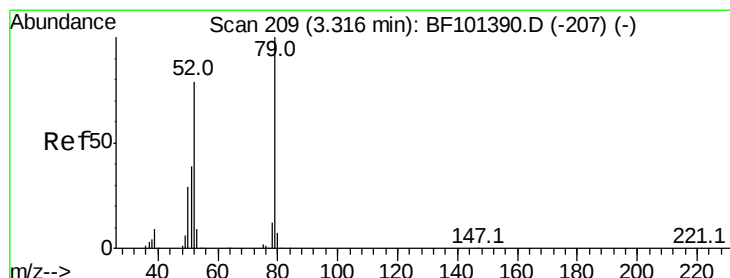
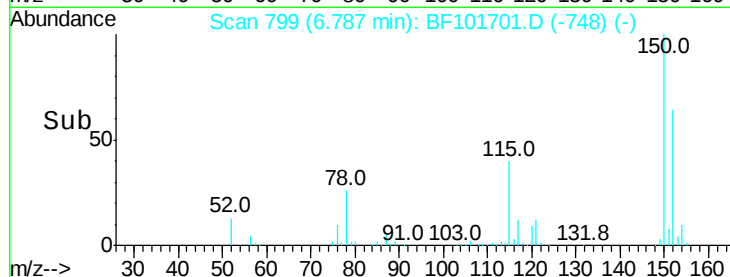
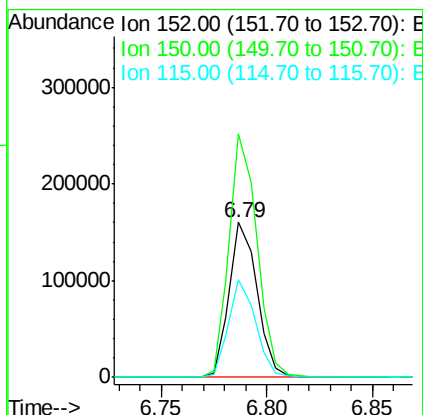
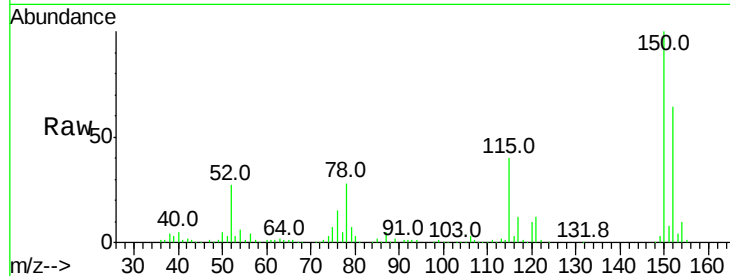


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF101701.D
 Acq: 23 Dec 2017 13:59

Instrument :
 BNA_F
 ClientSampleId :
 WC-9871-01

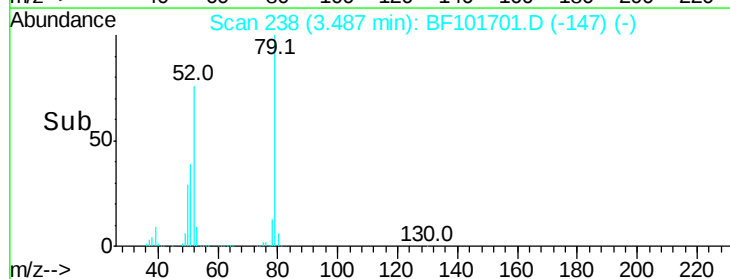
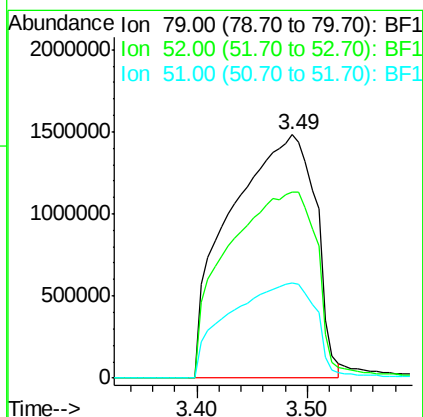
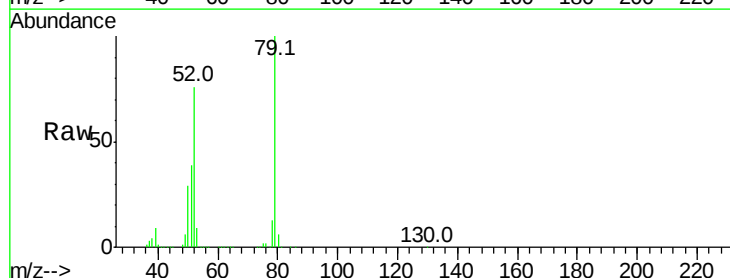
Tot Ion:152 Resp: 146639
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.6 186.8
 115 62.7 50.1 75.1

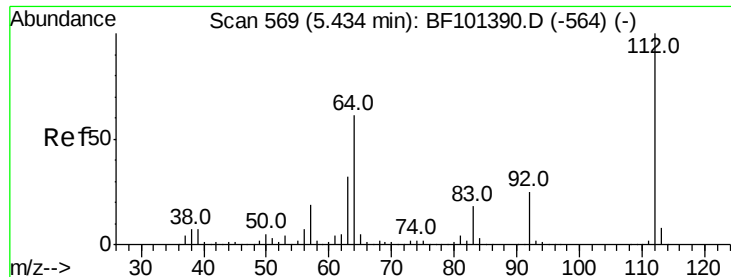


#3

Pyridine
 Concen: 563.584 ng
 RT: 3.49 min Scan# 238
 Delta R.T. 0.24 min
 Lab File: BF101701.D
 Acq: 23 Dec 2017 13:59

Tgt Ion: 79 Resp: 7920665
 Ion Ratio Lower Upper
 79 100
 52 76.5 59.8 89.6
 51 39.0 29.8 44.8





#5

2-Fluorophenol

Concen: 131.713 ng

RT: 5.53 min Scan# 585

Delta R.T. 0.12 min

Lab File: BF101701.D

Acq: 23 Dec 2017 13:59

Instrument :

BNA_F

ClientSampleId :

WC-9871-01

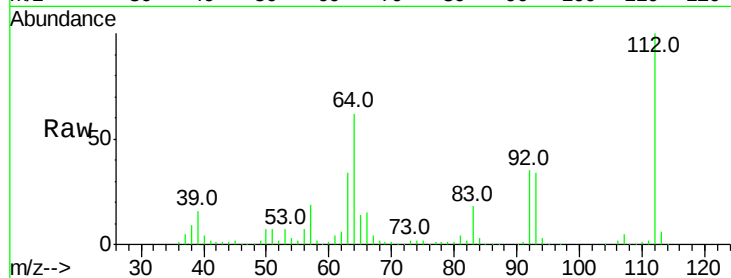
Tot Ion:112 Resp: 1296622

Ion Ratio Lower Upper

112 100

64 62.3 47.9 71.9

63 33.6 23.7 35.5



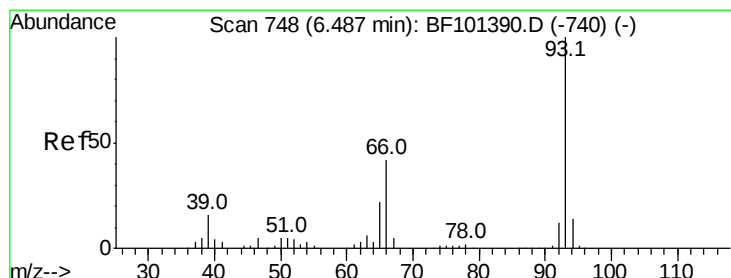
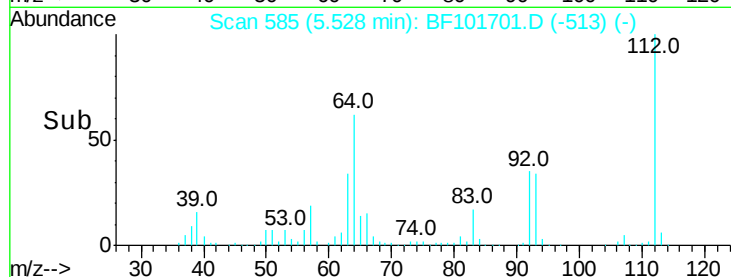
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

5.53

Time-->



#6

Aniline

Concen: 9.345 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF101701.D

Acq: 23 Dec 2017 13:59

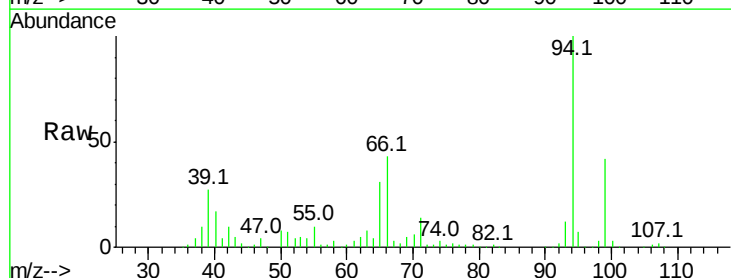
Tgt Ion: 93 Resp: 159098

Ion Ratio Lower Upper

93 100

66 352.8 32.2 48.2#

65 257.5 16.4 24.6#



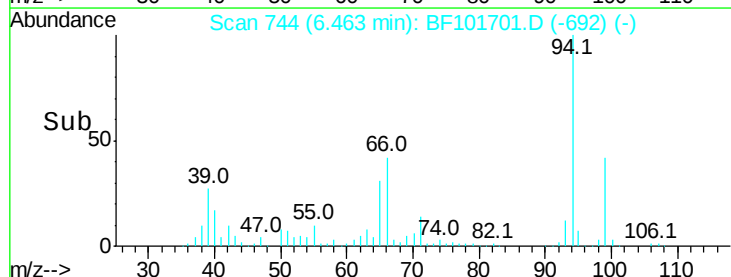
Abundance Ion 93.00 (92.70 to 93.70): BF1

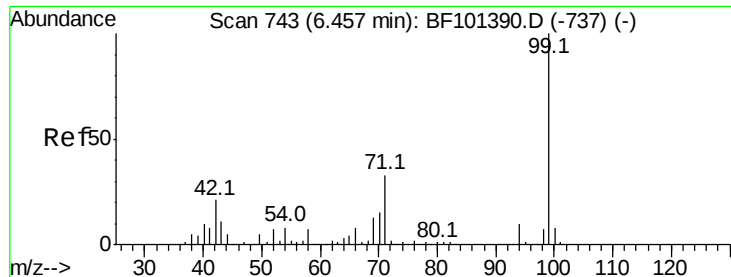
Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

6.46

Time-->





#7

Phenol-d6

Concen: 94.213 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.05 min

Lab File: BF101701.D

Acq: 23 Dec 2017 13:59

Instrument :

BNA_F

ClientSampleId :

WC-9871-01

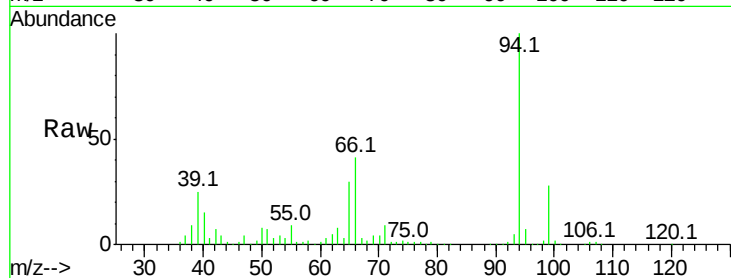
Tot Ion: 99 Resp: 1154261

Ion Ratio Lower Upper

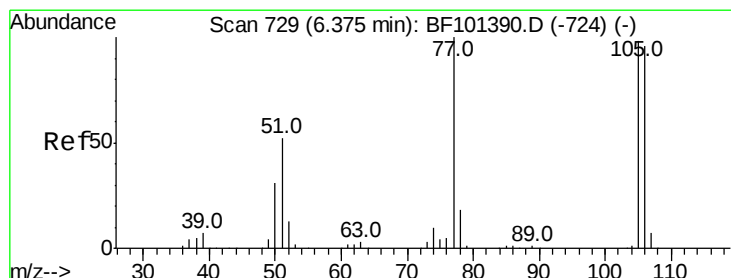
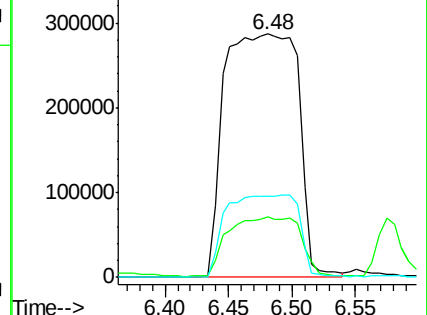
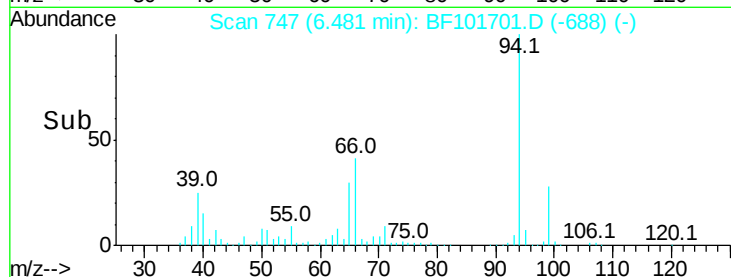
99 100

42 24.6 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: 18.283 ng

RT: 6.26 min Scan# 709

Delta R.T. -0.09 min

Lab File: BF101701.D

Acq: 23 Dec 2017 13:59

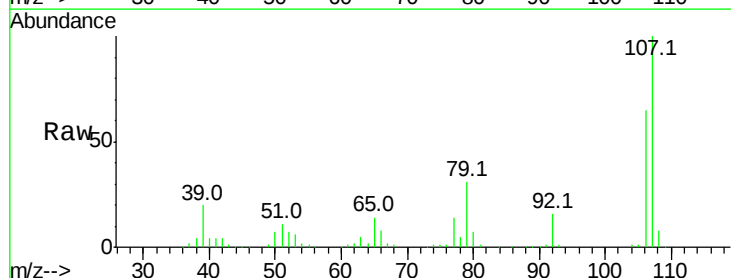
Tgt Ion: 77 Resp: 165423

Ion Ratio Lower Upper

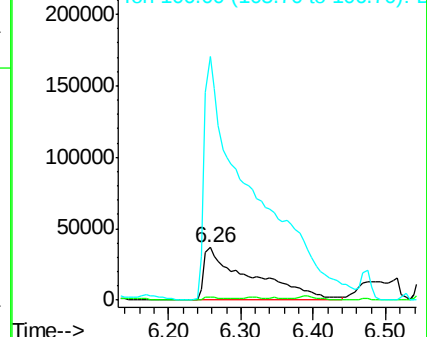
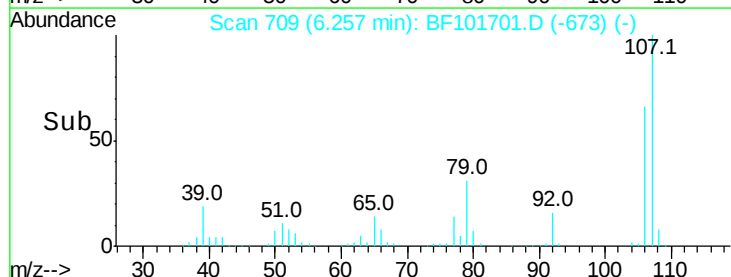
77 100

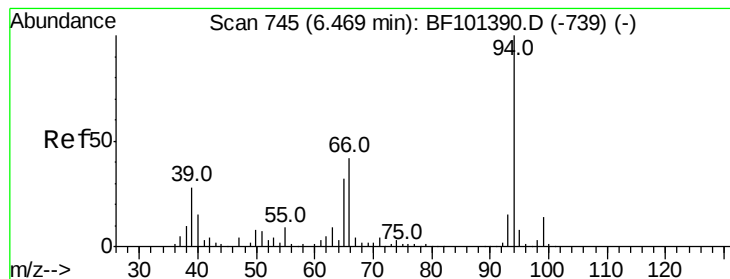
105 5.9 81.1 121.1#

106 465.5 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 320.544 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.07 min

Lab File: BF101701.D

Acq: 23 Dec 2017 13:59

Instrument :

BNA_F

ClientSampleId :

WC-9871-01

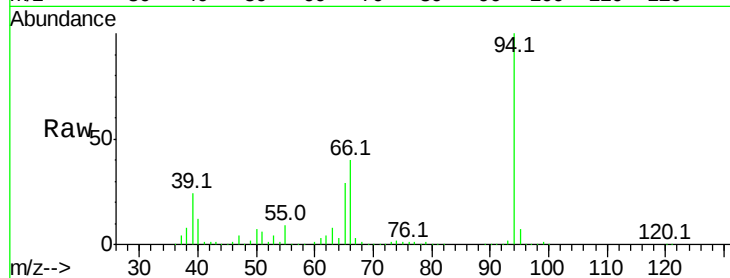
Tot Ion: 94 Resp: 4476079

Ion Ratio Lower Upper

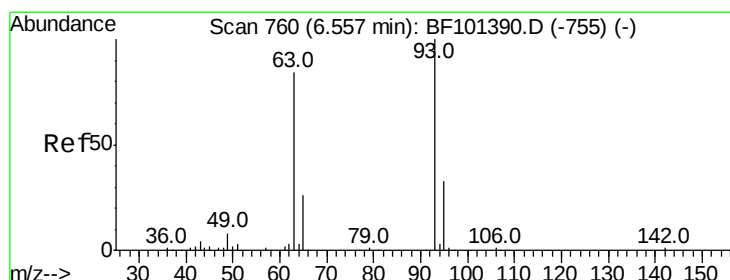
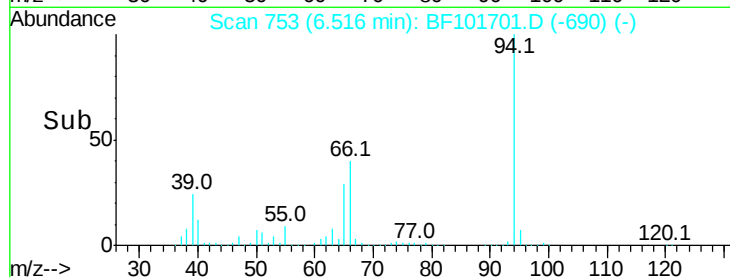
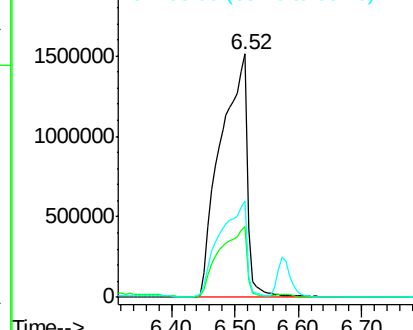
94 100

65 29.1 7.9 47.9

66 39.5 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#11

bis(2-Chloroethyl)ether

Concen: 14.525 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.06 min

Lab File: BF101701.D

Acq: 23 Dec 2017 13:59

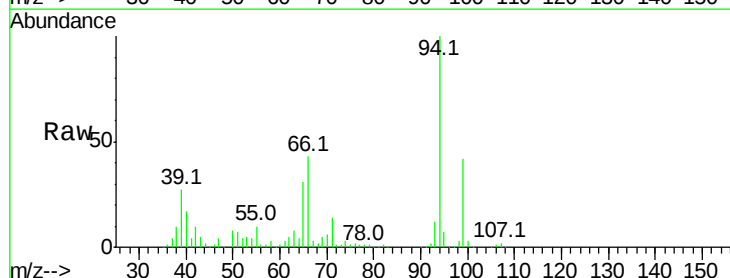
Tgt Ion: 93 Resp: 159098

Ion Ratio Lower Upper

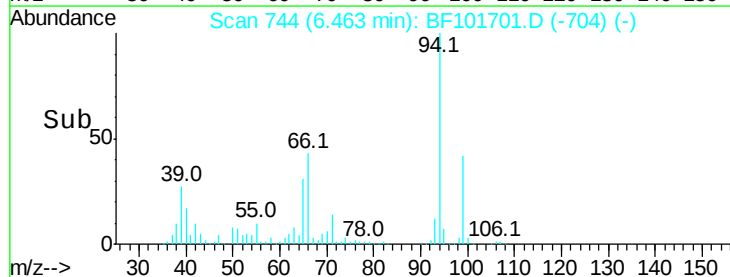
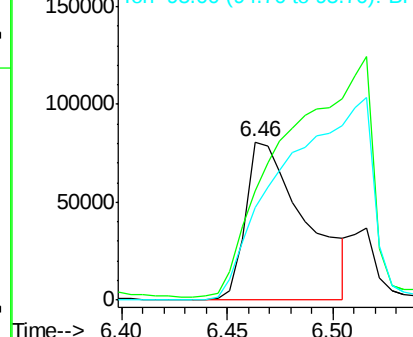
93 100

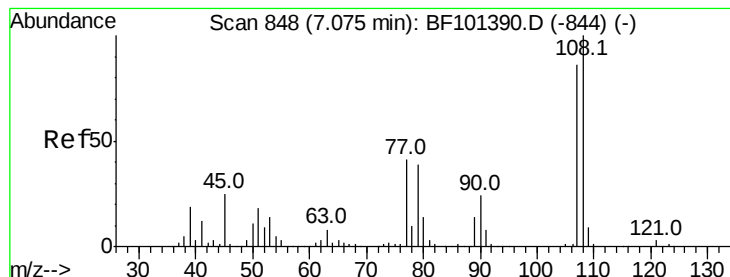
63 69.3 58.6 98.6

95 58.1 11.8 51.8#



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





#17

2-Methylphenol

Concen: 92.013 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF101701.D

Acq: 23 Dec 2017 13:59

Instrument :

BNA_F

ClientSampleId :

WC-9871-01

Tot Ion:107 Resp: 876486

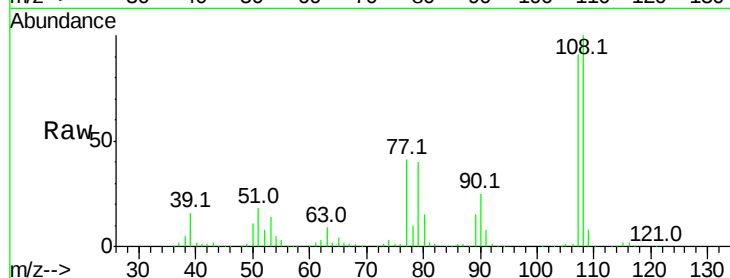
Ion Ratio Lower Upper

107 100

108 110.3 91.7 137.5

77 44.8 33.8 50.8

79 44.3 33.8 50.8

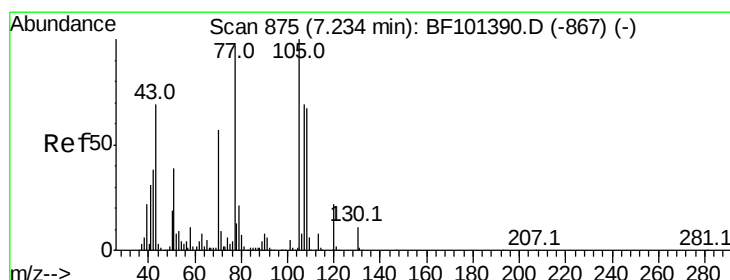
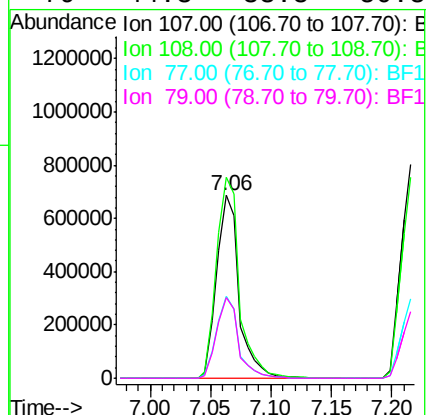
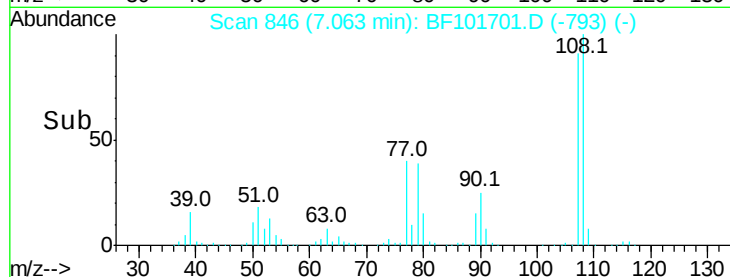


Abundance Ion 107.00 (106.70 to 107.70): E

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



#19

n-Nitroso-di-n-propylamine

Concen: 16.386 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.16 min

Lab File: BF101701.D

Acq: 23 Dec 2017 13:59

Tgt Ion: 70 Resp: 131837

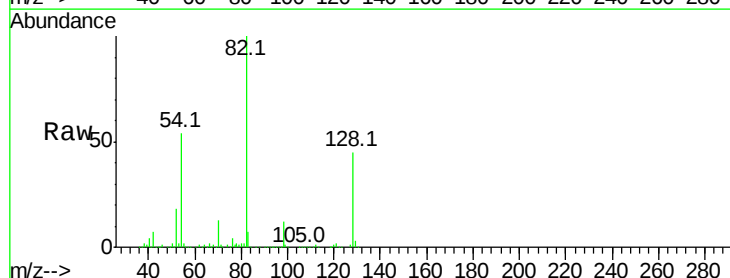
Ion Ratio Lower Upper

70 100

42 51.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

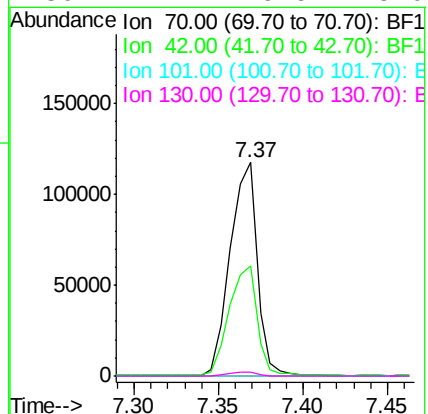
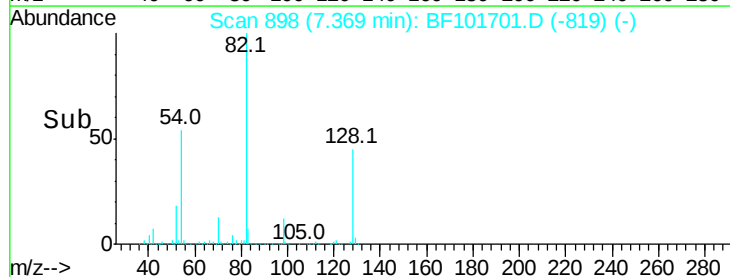


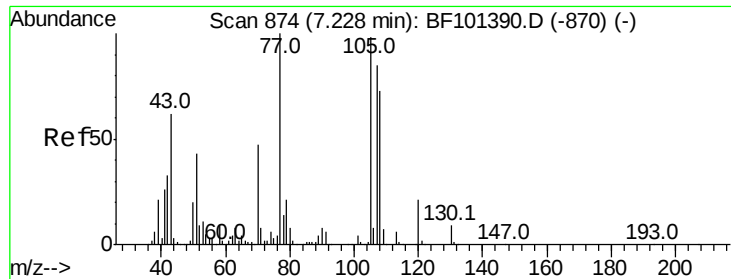
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 268.797 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.02 min

Lab File: BF101701.D

Acq: 23 Dec 2017 13:59

Instrument :

BNA_F

ClientSampleId :

WC-9871-01

Tot Ion:107 Resp: 2713278

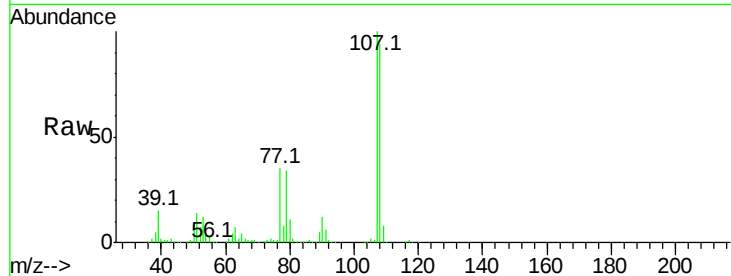
Ion Ratio Lower Upper

107 100

108 93.7 68.2 108.2

77 35.3 26.7 66.7

79 33.5 6.3 46.3

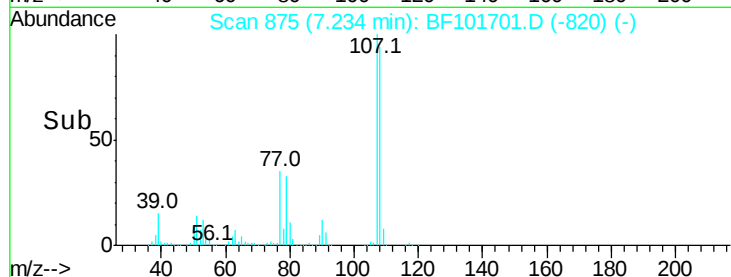


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

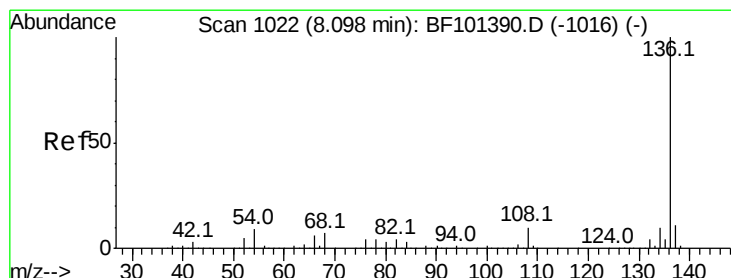
Ion 79.00 (78.70 to 79.70): BF1



Abundance

Time-->

7.10 7.20 7.30 7.40 7.50



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF101701.D

Acq: 23 Dec 2017 13:59

Tgt Ion:136 Resp: 579255

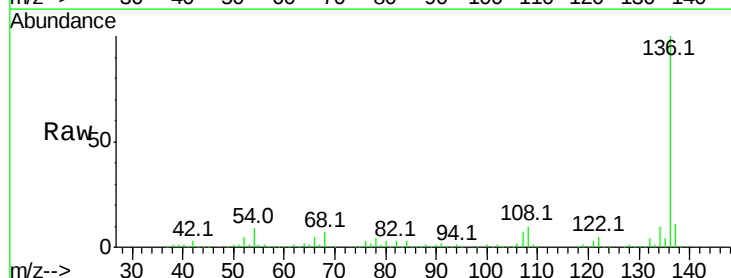
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.3 6.6 9.8

68 7.0 5.0 7.4

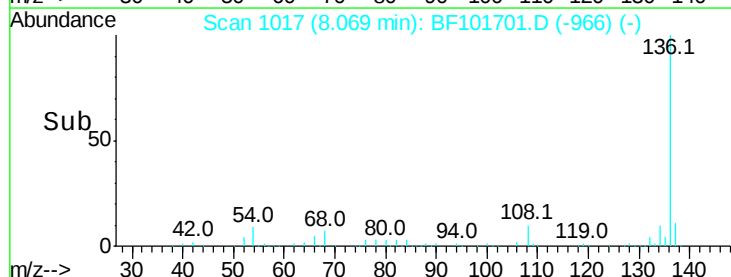


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

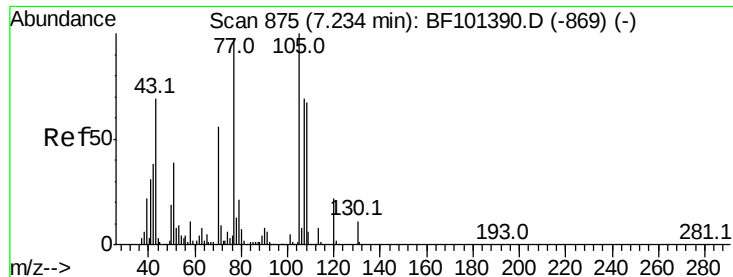
Ion 68.00 (67.70 to 68.70): BF1



Abundance

Time-->

8.00 8.05 8.10



#22

Acetophenone

Concen: 6.257 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF101701.D

Acq: 23 Dec 2017 13:59

Instrument :

BNA_F

ClientSampleId :

WC-9871-01

Tot Ion:105 Resp: 82697

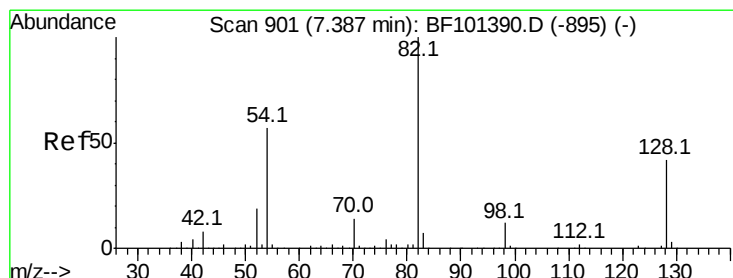
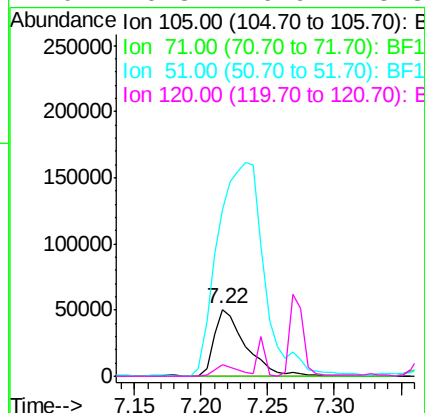
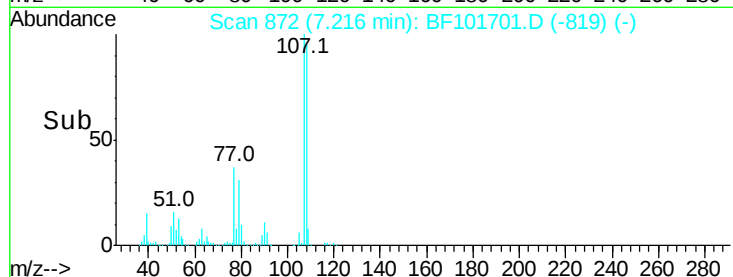
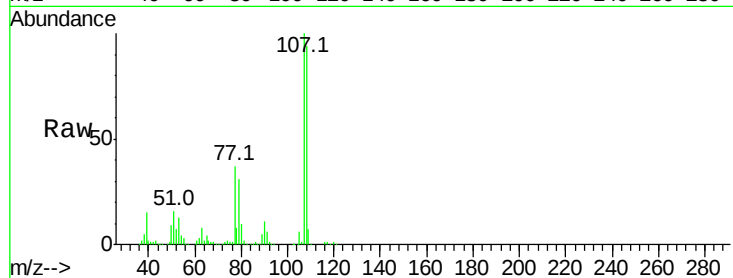
Ion Ratio Lower Upper

105 100

71 0.0 4.4 6.6#

51 250.0 22.3 33.5#

120 16.8 16.9 25.3#



#23

Nitrobenzene-d5

Concen: 94.786 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.01 min

Lab File: BF101701.D

Acq: 23 Dec 2017 13:59

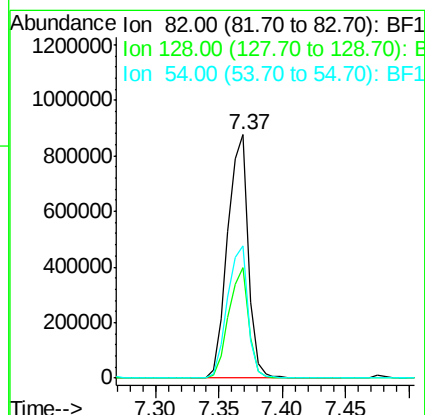
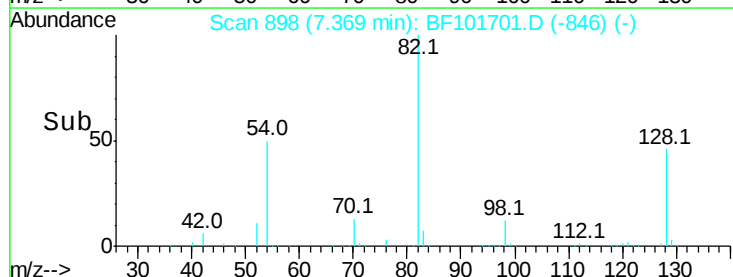
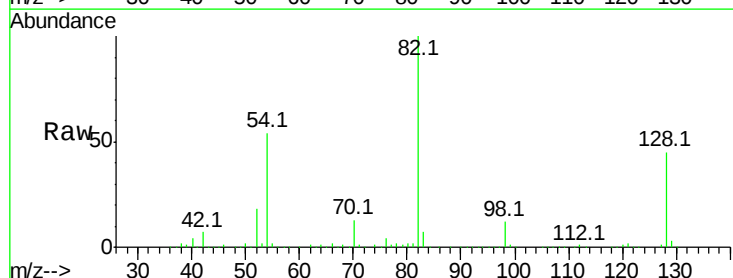
Tgt Ion: 82 Resp: 986340

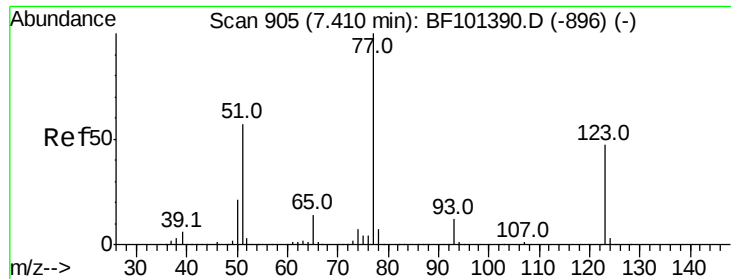
Ion Ratio Lower Upper

82 100

128 45.3 36.1 54.1

54 54.3 41.4 62.2





#24

Nitrobenzene

Concen: 31.106 ng

RT: 7.49 min Scan# 918

Delta R.T. 0.11 min

Lab File: BF101701.D

Acq: 23 Dec 2017 13:59

Instrument :

BNA_F

ClientSampleId :

WC-9871-01

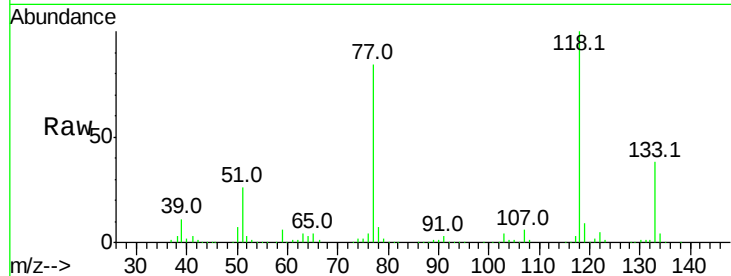
Tot Ion: 77 Resp: 358243

Ion Ratio Lower Upper

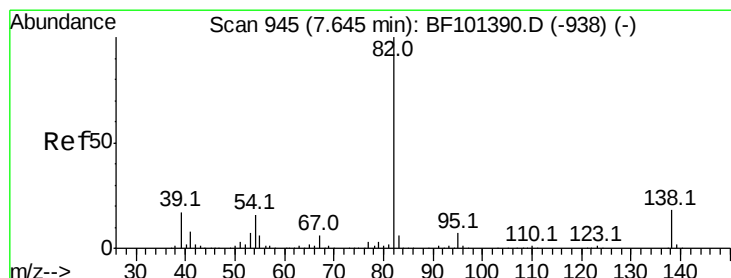
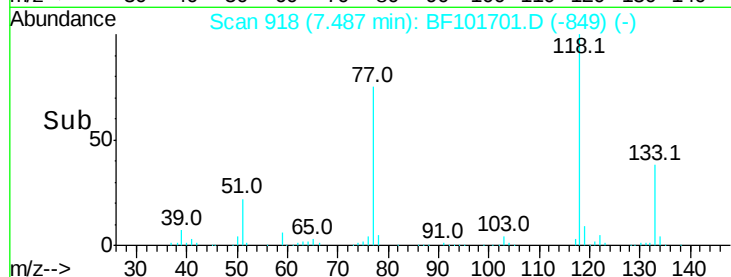
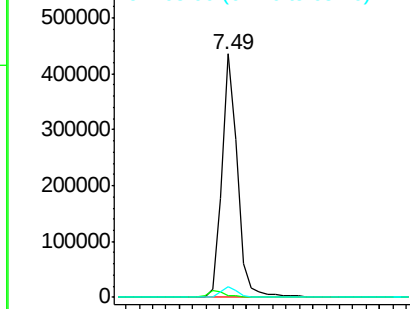
77 100

123 0.7 37.9 56.9#

65 4.6 11.0 16.4#



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



#25

Isophorone

Concen: 47.256 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.25 min

Lab File: BF101701.D

Acq: 23 Dec 2017 13:59

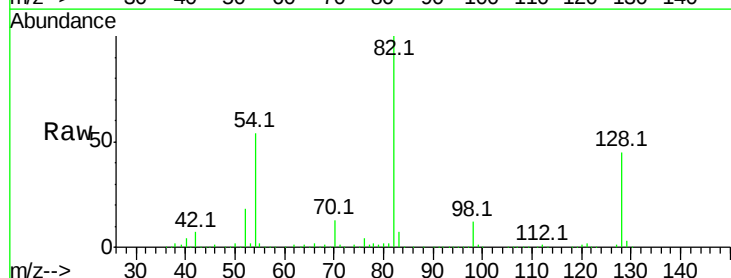
Tgt Ion: 82 Resp: 986472

Ion Ratio Lower Upper

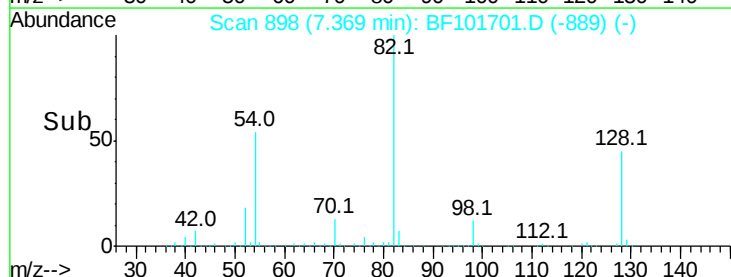
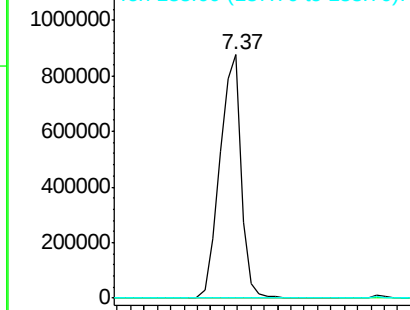
82 100

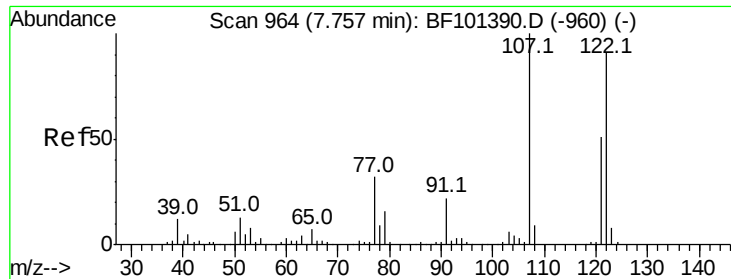
95 0.0 5.2 7.8#

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

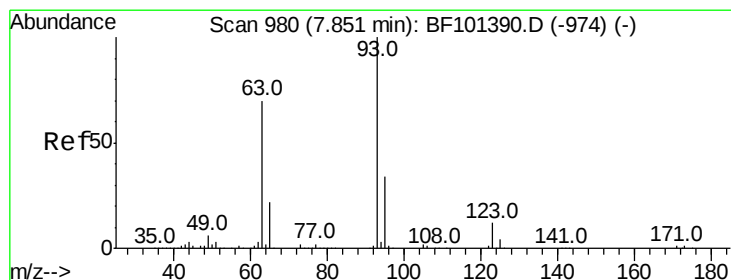
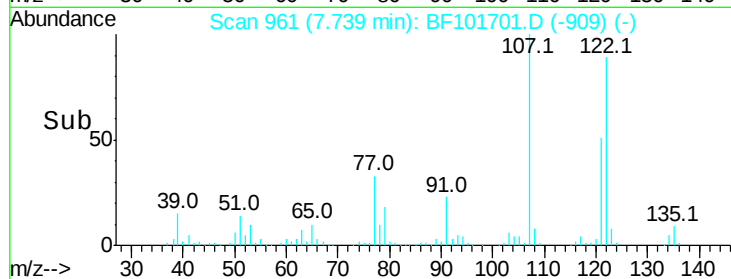
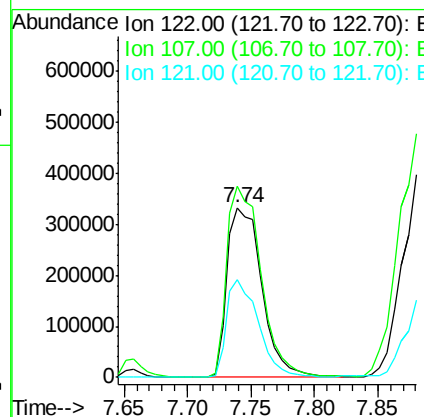
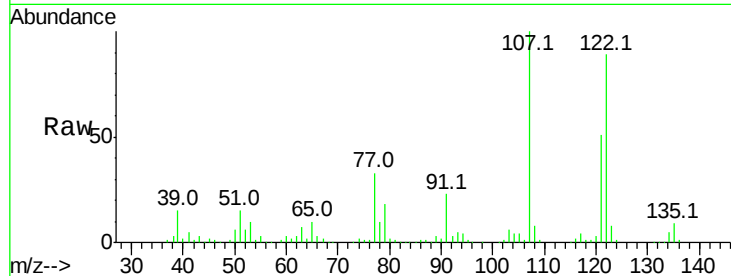




#27
2,4-Dimethylphenol
Concen: 75.589 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.01 min
Lab File: BF101701.D
Acq: 23 Dec 2017 13:59

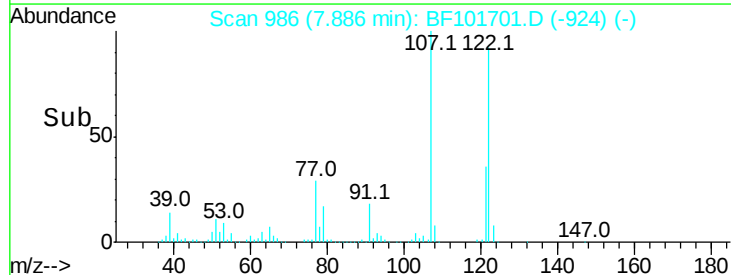
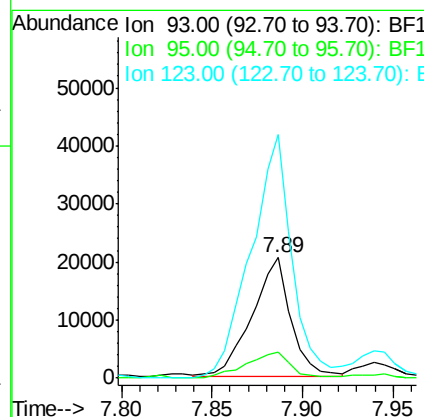
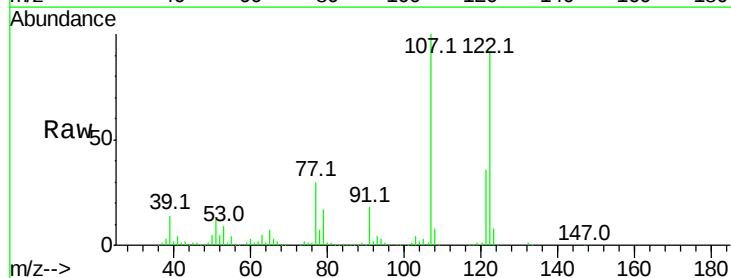
Instrument :
BNA_F
ClientSampleId :
WC-9871-01

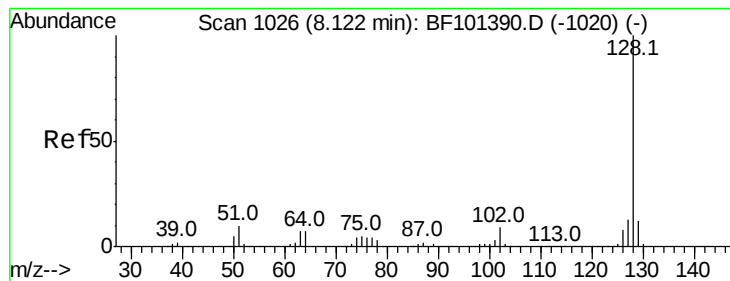
Tot Ion:122 Resp: 635374
Ion Ratio Lower Upper
122 100
107 112.6 91.2 136.8
121 57.8 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 2.319 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.06 min
Lab File: BF101701.D
Acq: 23 Dec 2017 13:59

Tgt Ion: 93 Resp: 30747
Ion Ratio Lower Upper
93 100
95 22.1 26.3 39.5#
123 202.6 9.8 14.6#





#31

Naphthalene

Concen: 33.439 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF101701.D

Acq: 23 Dec 2017 13:59

Instrument :

BNA_F

ClientSampleId :

WC-9871-01

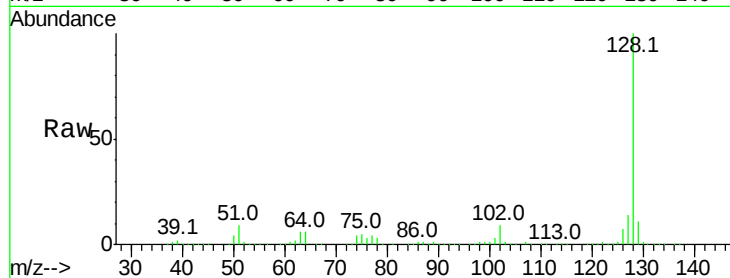
Tot Ion:128 Resp: 975140

Ion Ratio Lower Upper

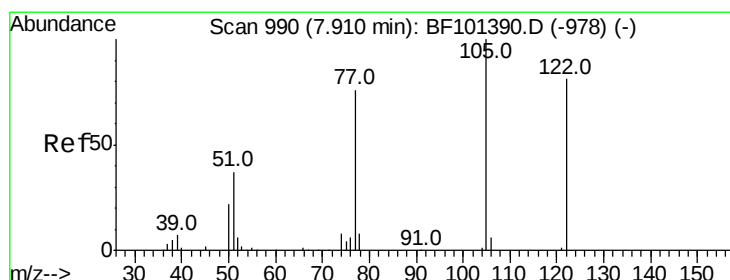
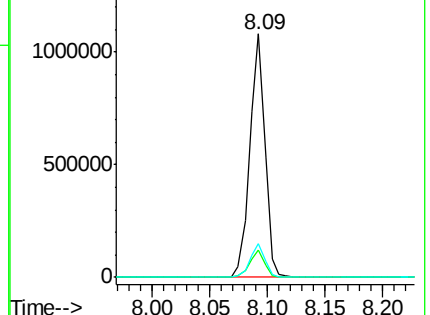
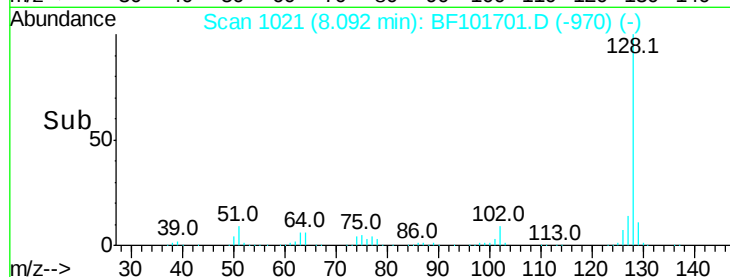
128 100

129 11.2 8.8 13.2

127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 118.825 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF101701.D

Acq: 23 Dec 2017 13:59

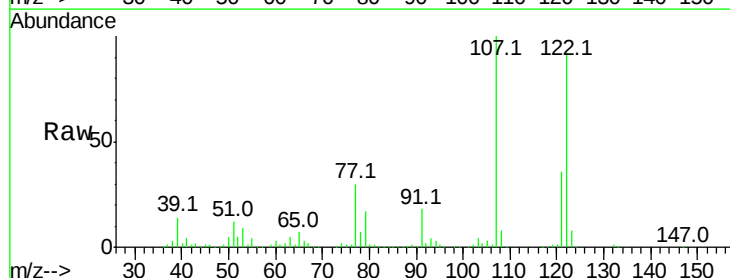
Tgt Ion:122 Resp: 752752

Ion Ratio Lower Upper

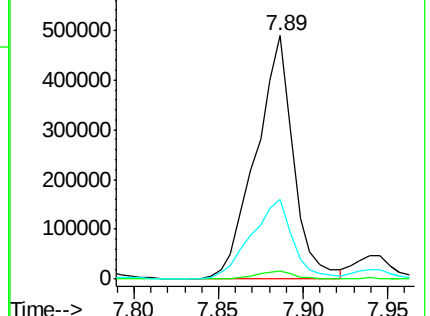
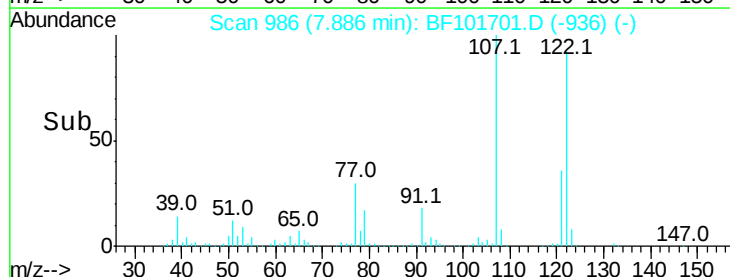
122 100

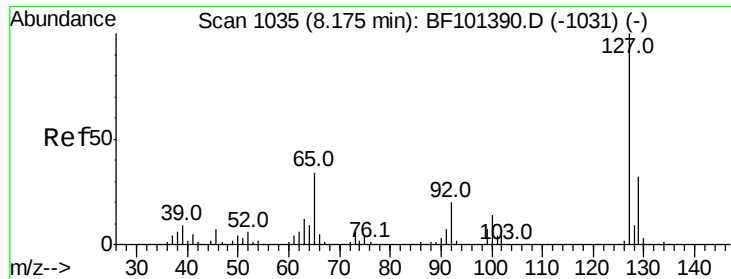
105 3.5 101.1 141.1#

77 32.8 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

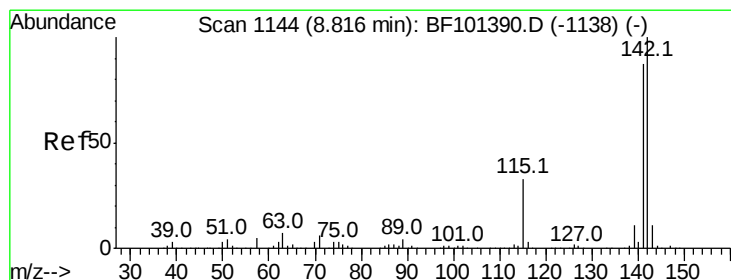
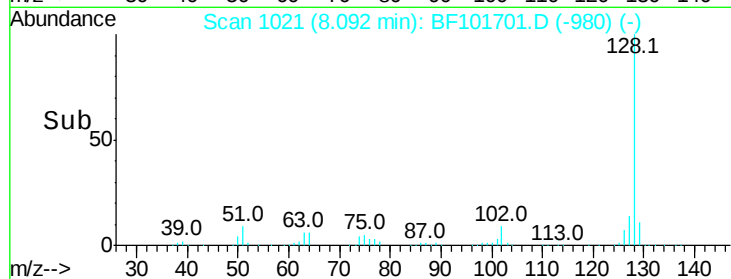
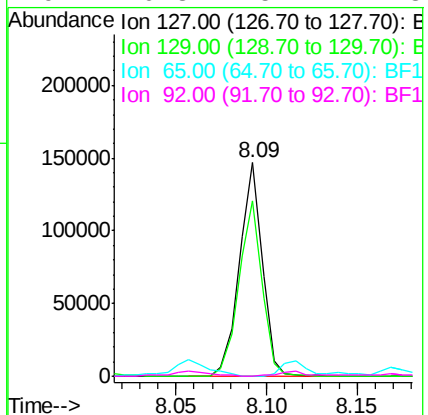
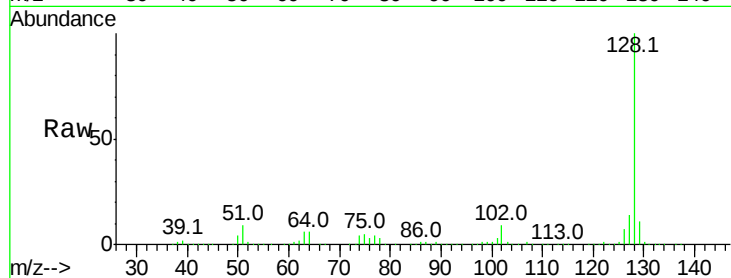




#33
4-Chloroaniline
Concen: 10.168 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.06 min
Lab File: BF101701.D
Acq: 23 Dec 2017 13:59

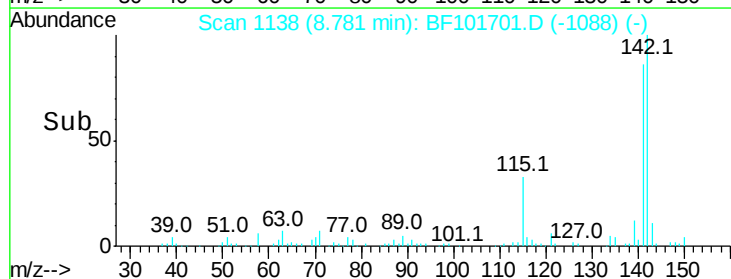
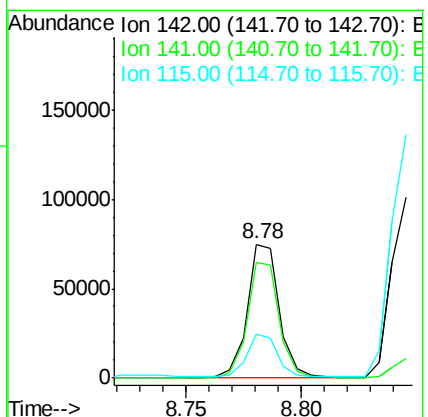
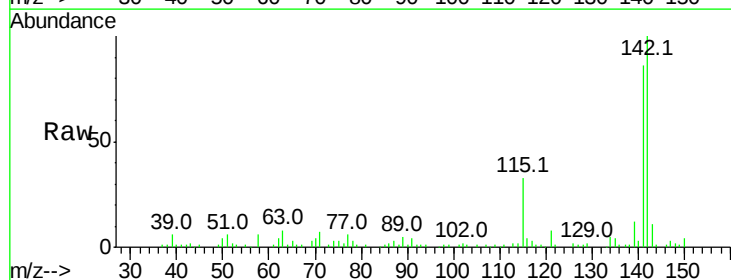
Instrument :
BNA_F
ClientSampleId :
WC-9871-01

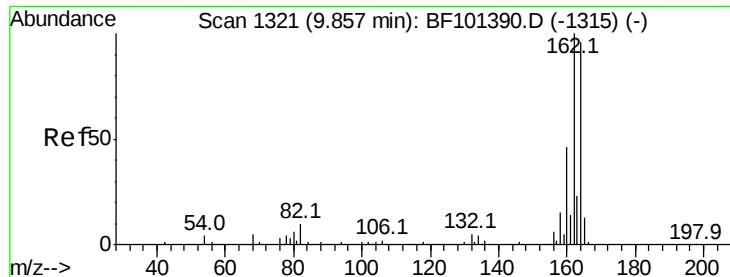
Tot Ion:127 Resp: 128879
Ion Ratio Lower Upper
127 100
129 82.3 25.9 38.9#
65 0.0 25.0 37.4#
92 0.3 15.2 22.8#



#37
2-Methylnaphthalene
Concen: 3.826 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF101701.D
Acq: 23 Dec 2017 13:59

Tgt Ion:142 Resp: 72697
Ion Ratio Lower Upper
142 100
141 86.1 70.8 106.2
115 33.3 26.1 39.1

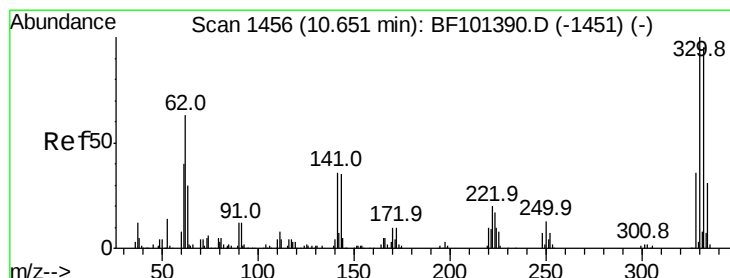
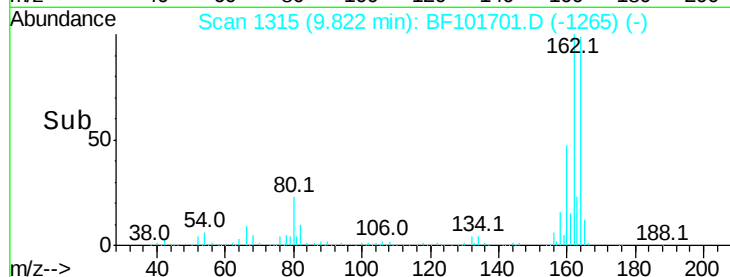
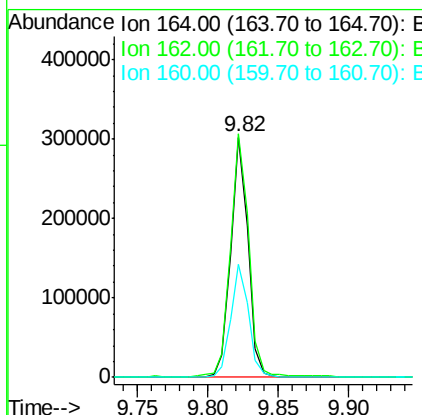
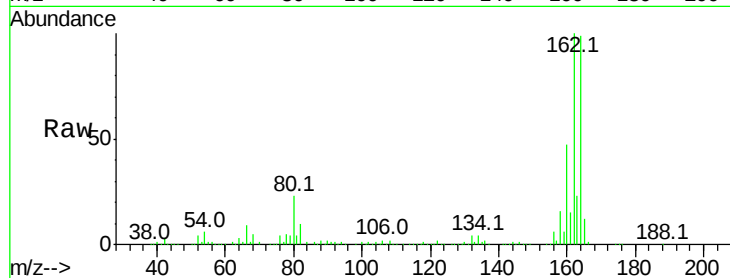




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF101701.D
 Acq: 23 Dec 2017 13:59

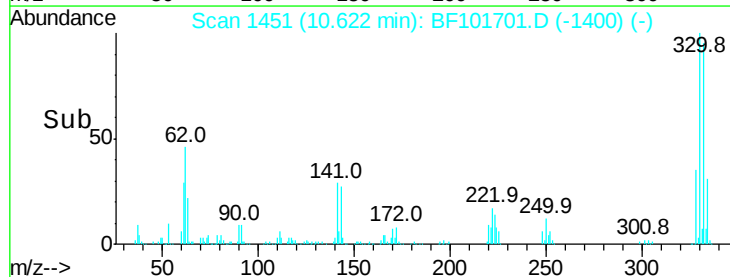
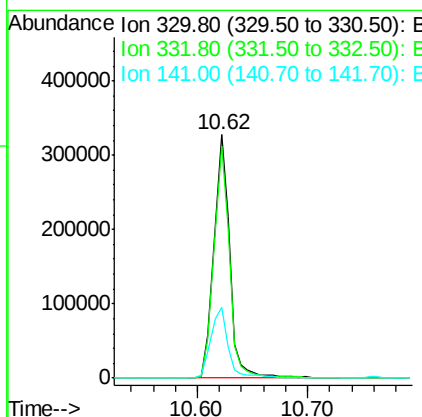
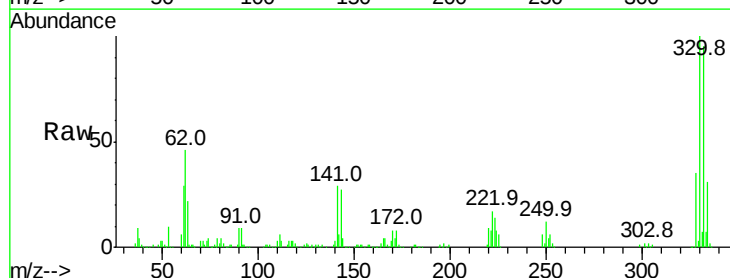
Instrument :
 BNA_F
 ClientSampleId :
 WC-9871-01

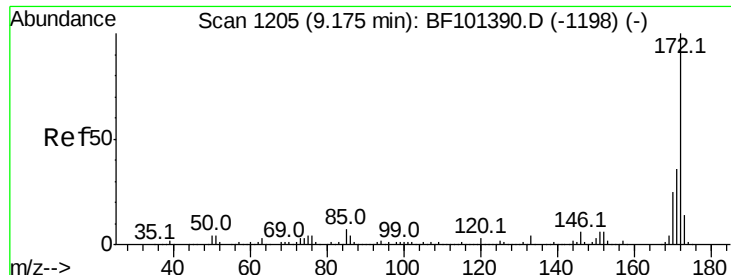
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	86.1	129.1
160	47.3	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 130.181 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF101701.D
 Acq: 23 Dec 2017 13:59

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	31.3	29.9	44.9



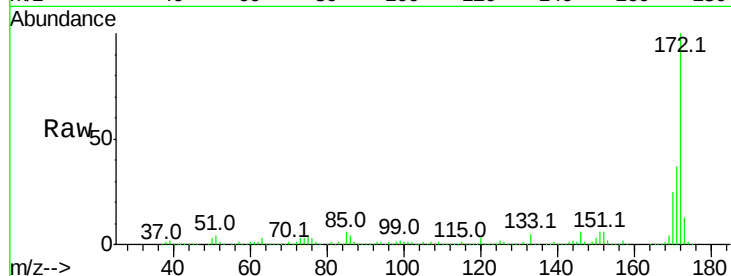


#44
 2-Fluorobiphenyl
 Concen: 91.685 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF101701.D
 Acq: 23 Dec 2017 13:59

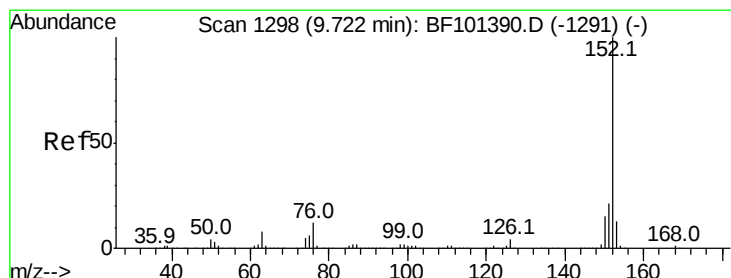
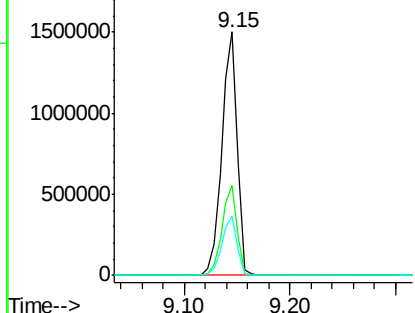
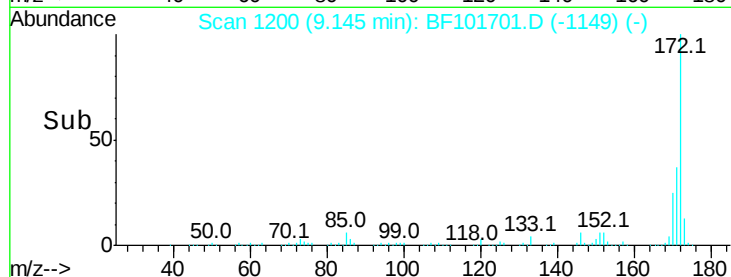
Instrument :
 BNA_F
 ClientSampleId :
 WC-9871-01

Tot Ion:172 Resp: 1522865

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.6	19.6	29.4



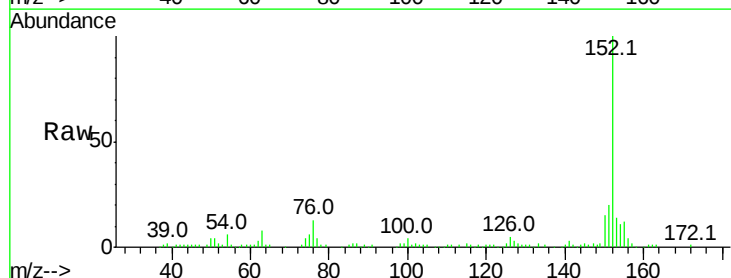
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



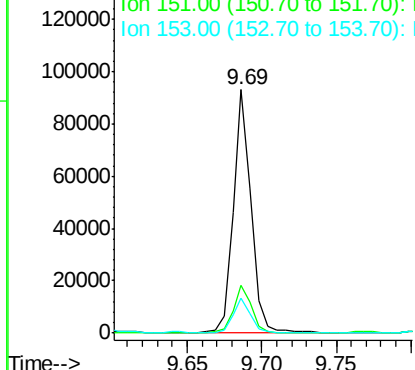
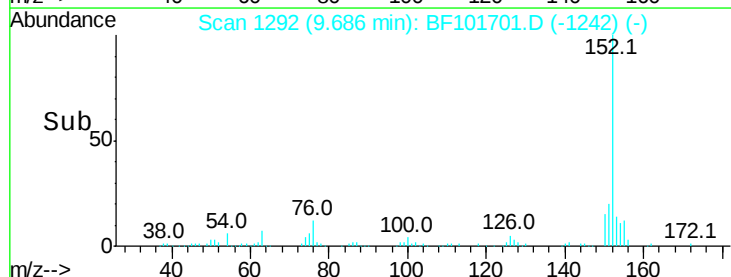
#48
 Acenaphthylene
 Concen: 2.847 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BF101701.D
 Acq: 23 Dec 2017 13:59

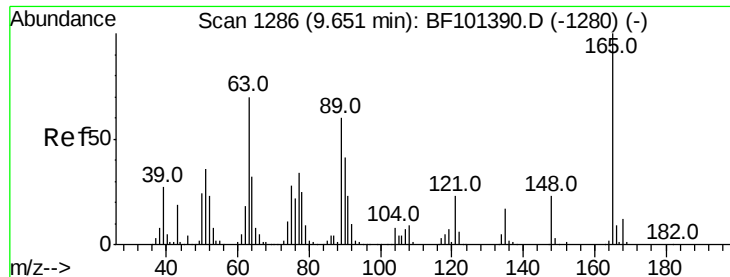
Tgt Ion:152 Resp: 78619

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.3	24.5
153	14.2	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

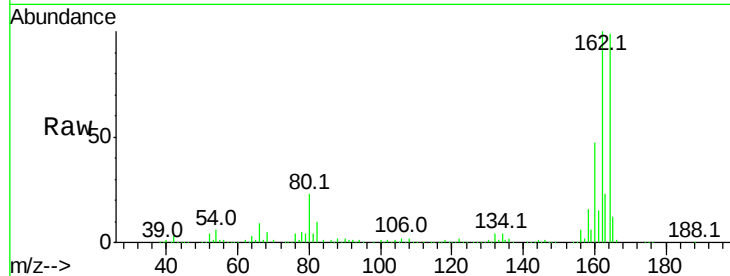




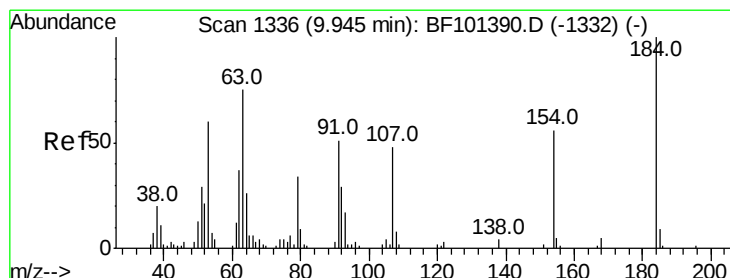
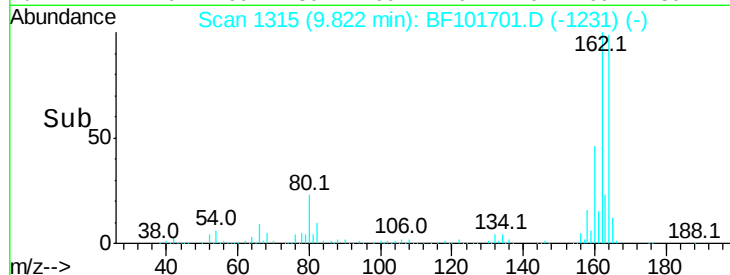
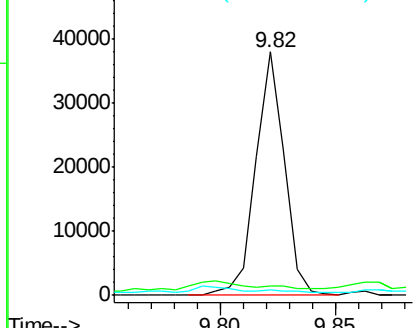
#50
2,6-Dinitrotoluene
Concen: 7.868 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.19 min
Lab File: BF101701.D
Acq: 23 Dec 2017 13:59

Instrument :
BNA_F
ClientSampleId :
WC-9871-01

Tot Ion:165 Resp: 33143
Ion Ratio Lower Upper
165 100
63 3.8 44.7 67.1#
89 2.3 44.0 66.0#

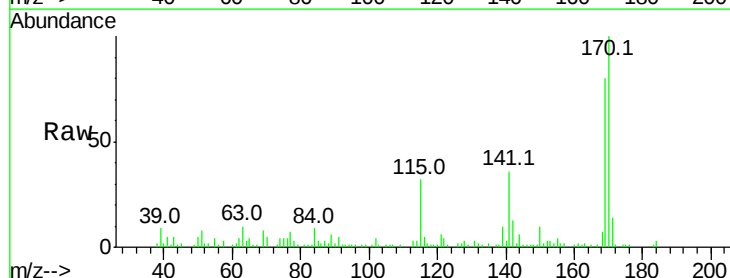


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

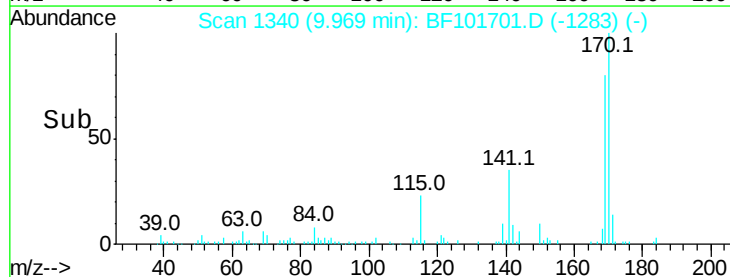
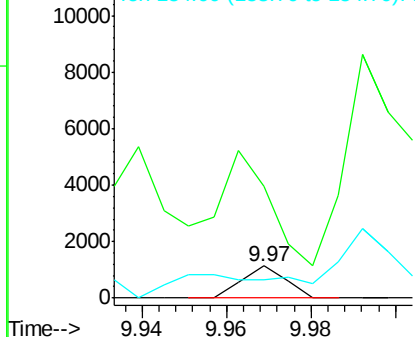


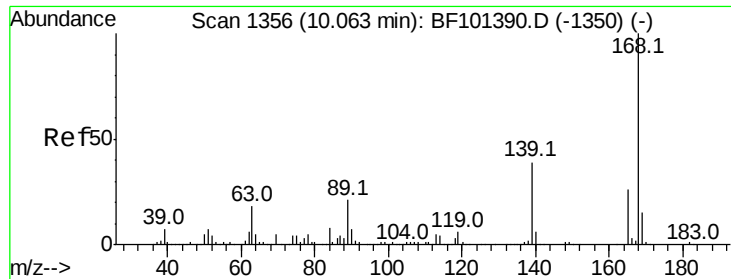
#53
2,4-Dinitrophenol
Concen: 10.802 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.04 min
Lab File: BF101701.D
Acq: 23 Dec 2017 13:59

Tgt Ion:184 Resp: 812
Ion Ratio Lower Upper
184 100
63 351.5 54.2 81.2#
154 55.6 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

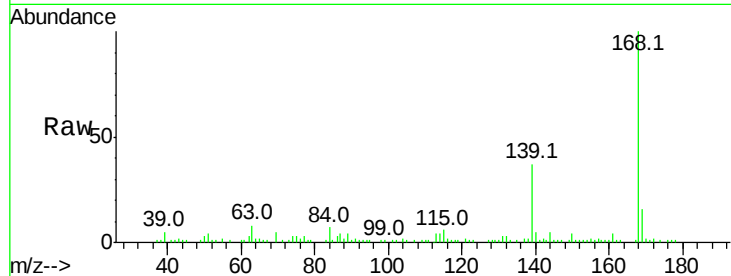




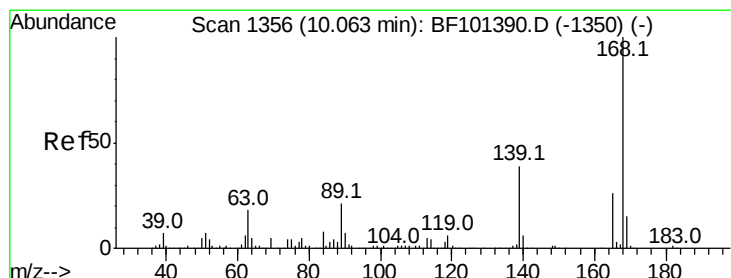
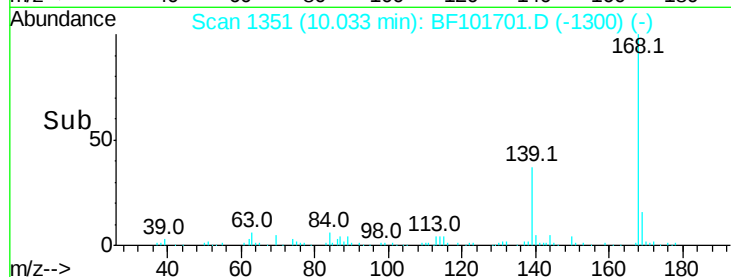
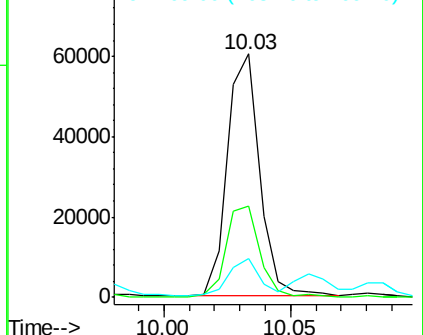
#54
Dibenzenofuran
Concen: 2.542 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF101701.D
Acq: 23 Dec 2017 13:59

Instrument :
BNA_F
ClientSampleId :
WC-9871-01

Tot Ion:168 Resp: 53602
Ion Ratio Lower Upper
168 100
139 37.4 30.1 45.1
169 15.8 10.9 16.3

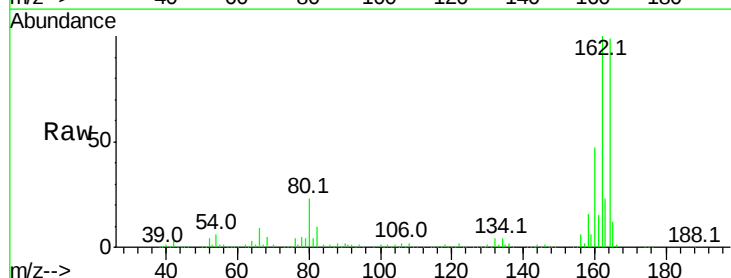


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

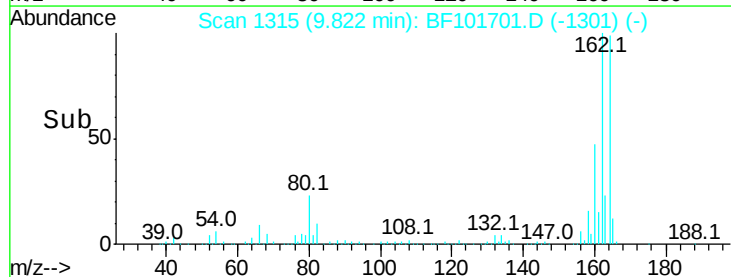
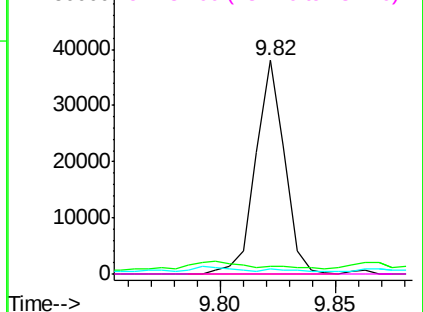


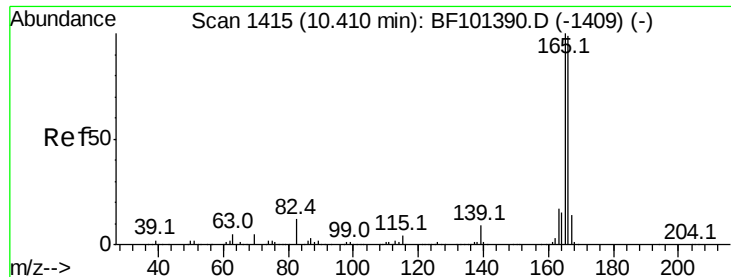
#56
2,4-Dinitrotoluene
Concen: 6.984 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF101701.D
Acq: 23 Dec 2017 13:59

Tgt Ion:165 Resp: 33143
Ion Ratio Lower Upper
165 100
63 3.8 36.4 54.6#
89 2.3 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

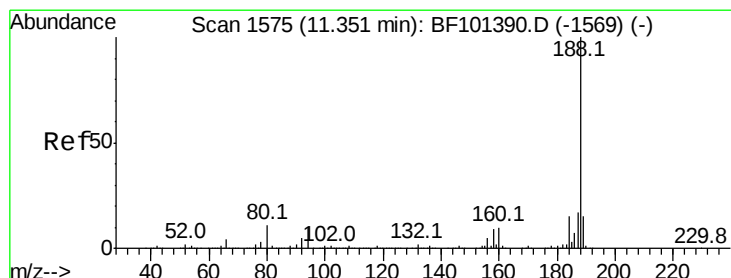
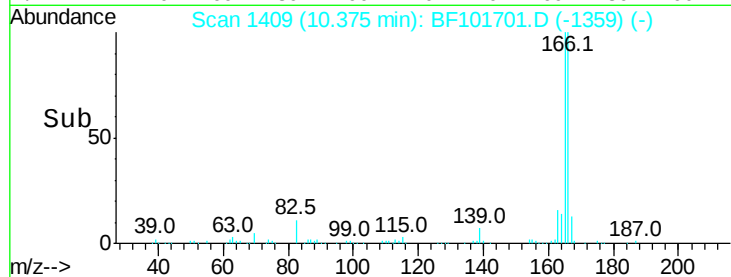
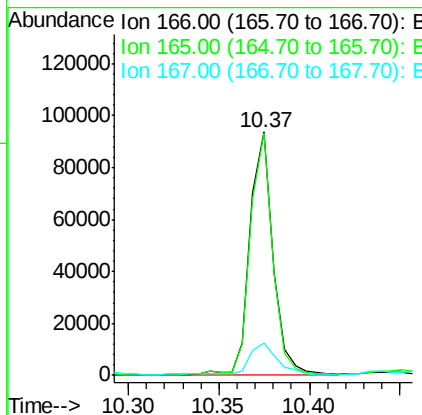
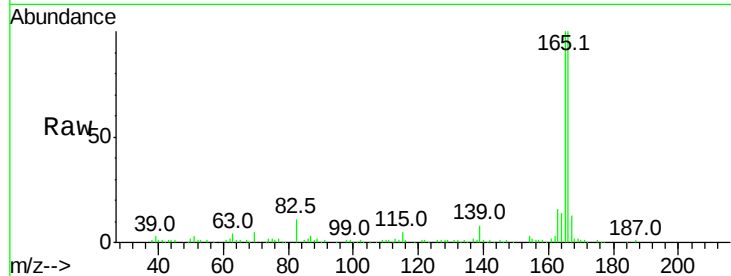




#57
Fluorene
 Concen: 4.683 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF101701.D
 Acq: 23 Dec 2017 13:59

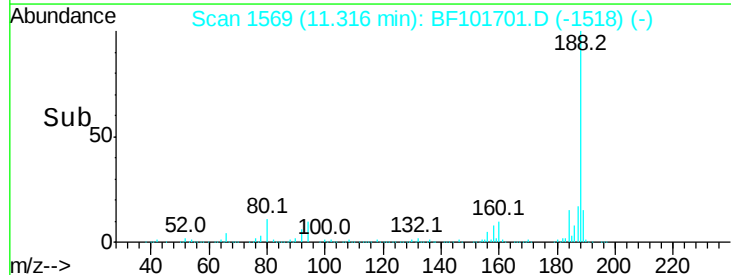
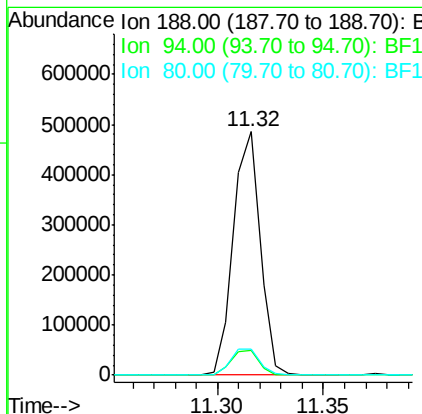
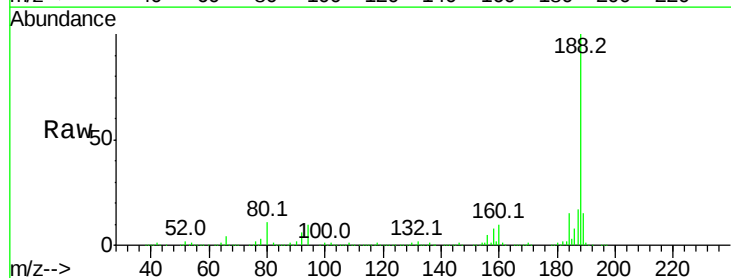
Instrument :
 BNA_F
 ClientSampleId :
 WC-9871-01

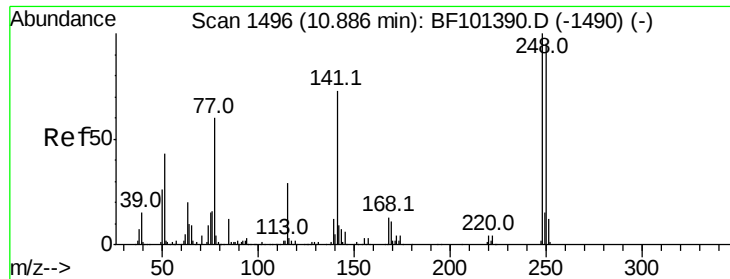
Tot Ion:166 Resp: 83521
 Ion Ratio Lower Upper
 166 100
 165 99.8 79.8 119.8
 167 13.2 10.6 16.0



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BF101701.D
 Acq: 23 Dec 2017 13:59

Tgt Ion:188 Resp: 426751
 Ion Ratio Lower Upper
 188 100
 94 10.3 8.5 12.7
 80 10.9 9.2 13.8

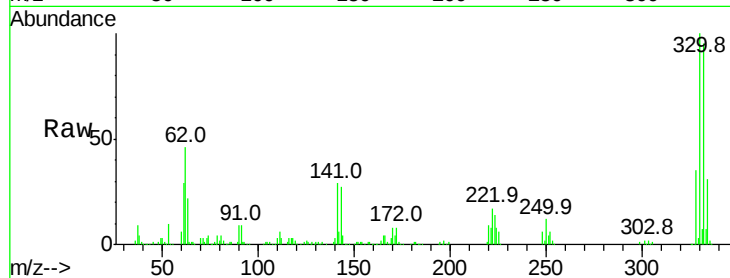




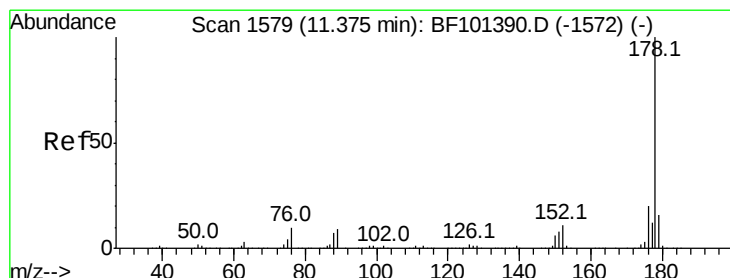
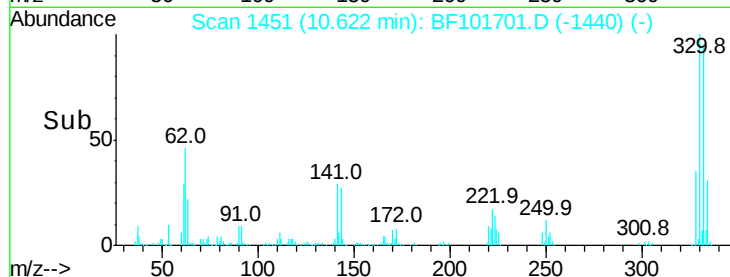
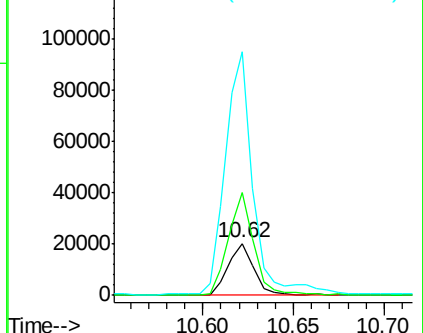
#66
4-Bromophenyl-phenylether
Concen: 4.178 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF101701.D
Acq: 23 Dec 2017 13:59

Instrument :
BNA_F
ClientSampleId :
WC-9871-01

Tot Ion:248 Resp: 20032
Ion Ratio Lower Upper
248 100
250 199.8 76.9 115.3#
141 470.5 74.4 111.6#

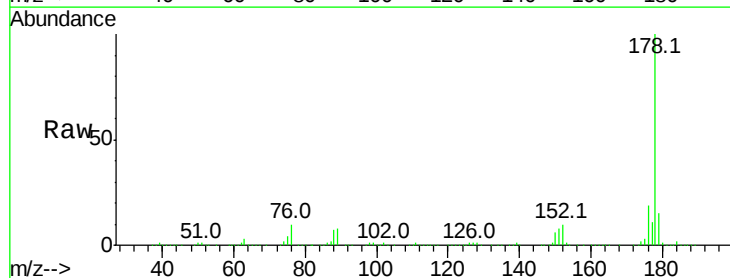


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

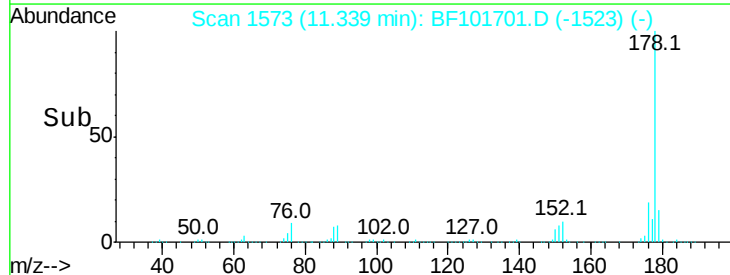
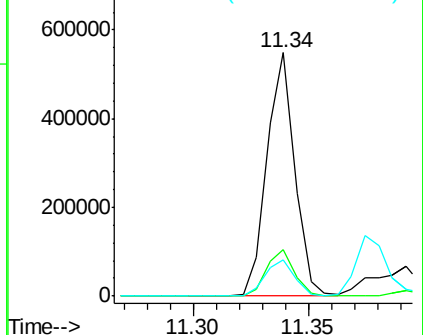


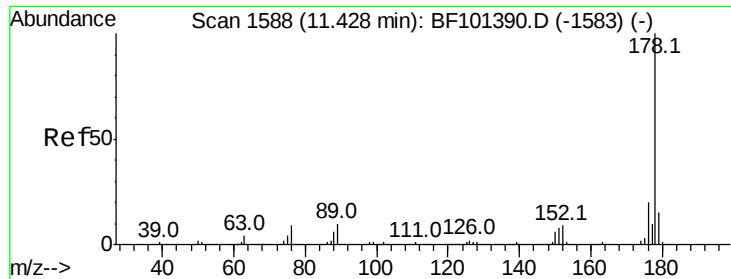
#70
Phenanthrene
Concen: 19.439 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF101701.D
Acq: 23 Dec 2017 13:59

Tgt Ion:178 Resp: 461337
Ion Ratio Lower Upper
178 100
176 19.0 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

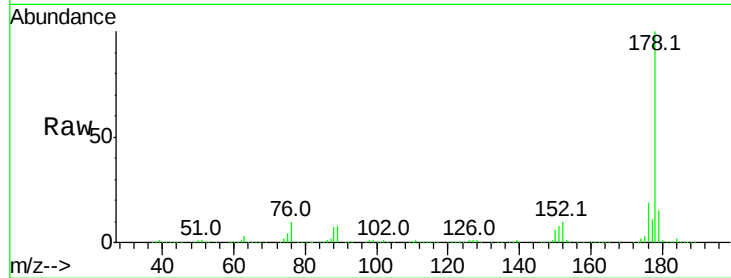




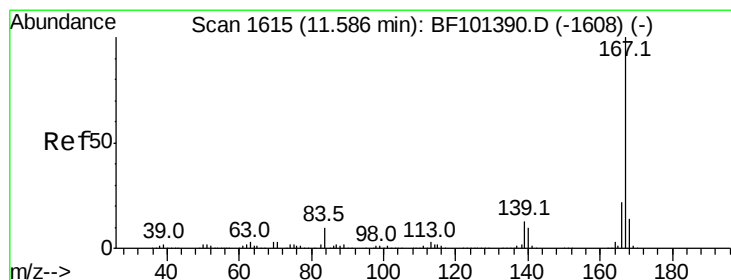
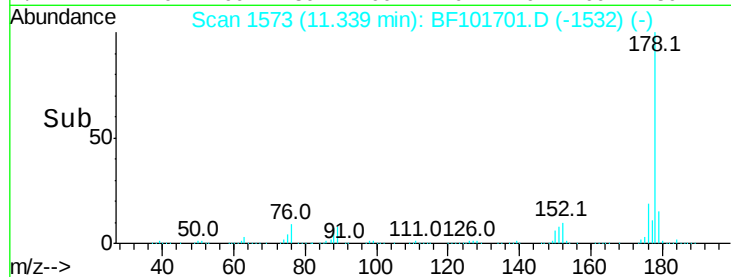
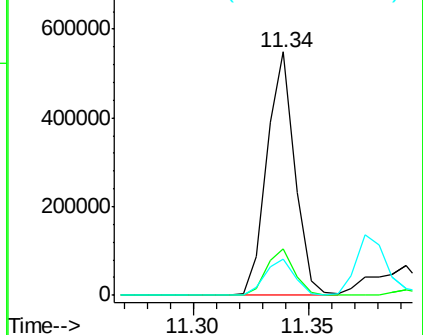
#71
 Anthracene
 Concen: 19.031 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.06 min
 Lab File: BF101701.D
 Acq: 23 Dec 2017 13:59

Instrument :
 BNA_F
 ClientSampleId :
 WC-9871-01

Tot Ion:178 Resp: 461337
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.1 12.6 19.0

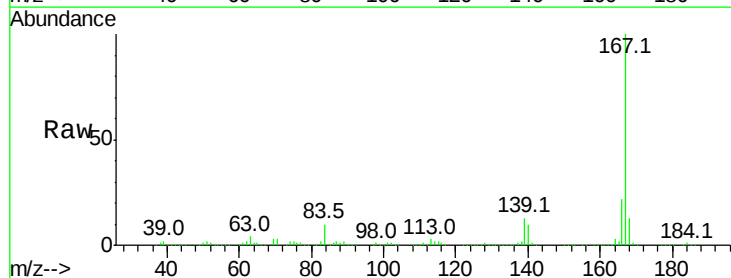


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

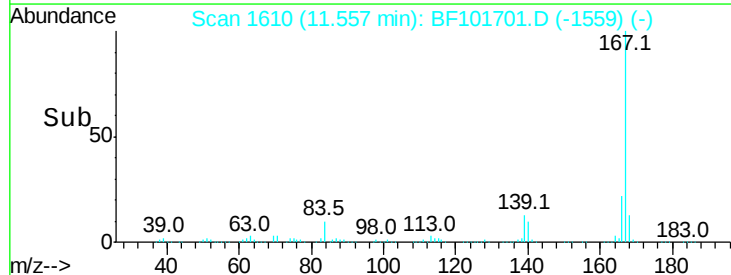
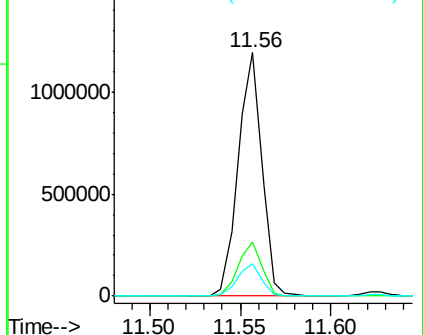


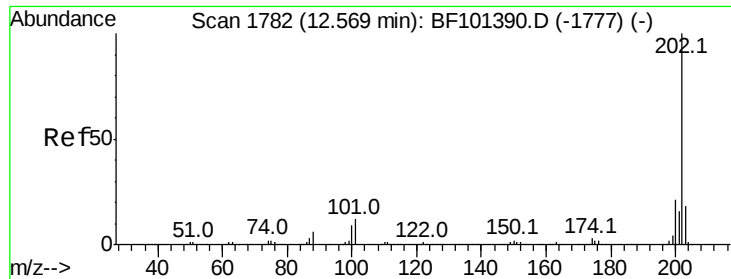
#72
 Carbazole
 Concen: 47.834 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF101701.D
 Acq: 23 Dec 2017 13:59

Tgt Ion:167 Resp: 1085675
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.3 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

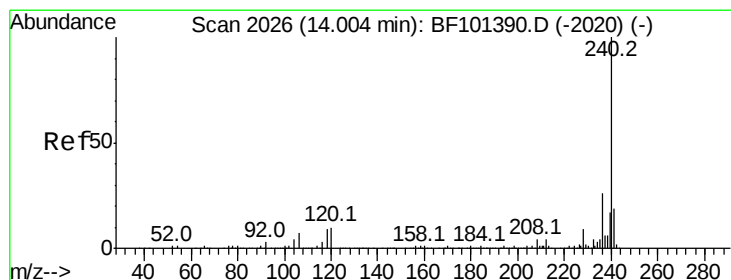
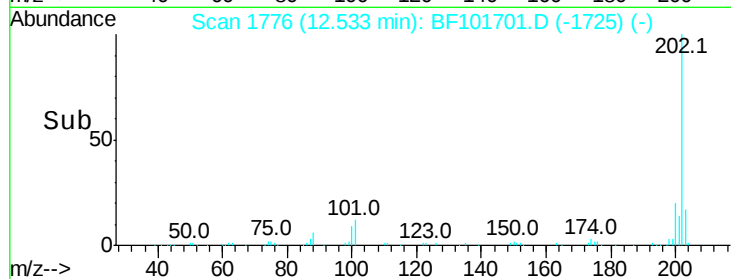
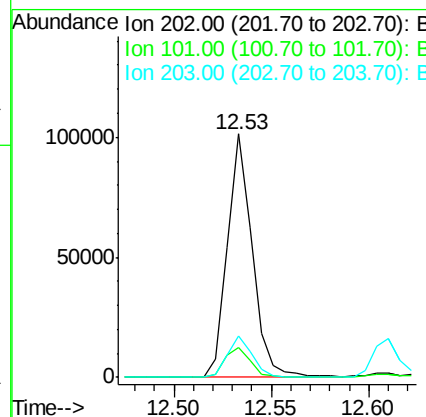
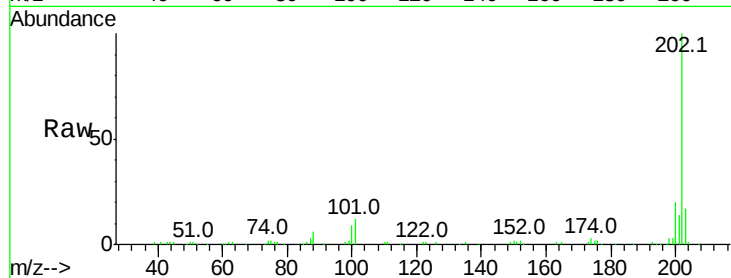




#74
 Fluoranthene
 Concen: 3.626 ng
 RT: 12.53 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BF101701.D
 Acq: 23 Dec 2017 13:59

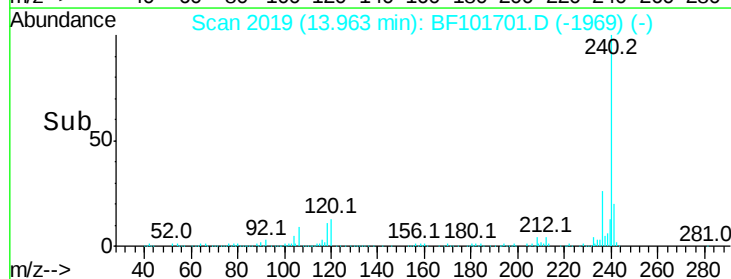
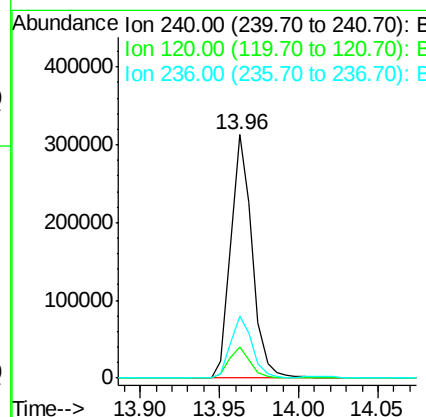
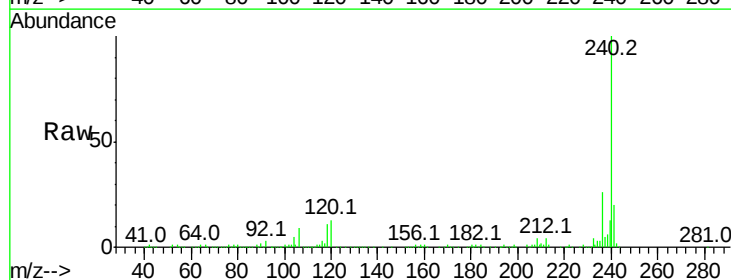
Instrument :
 BNA_F
 ClientSampleId :
 WC-9871-01

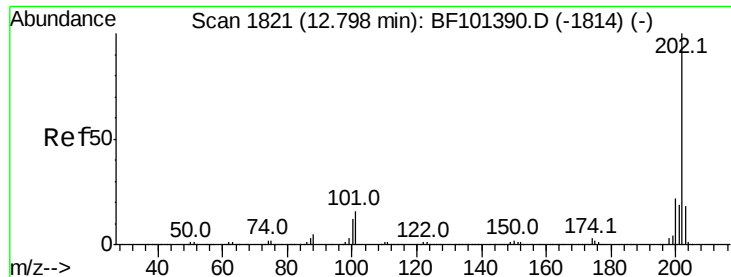
Tot Ion:202 Resp: 90327
 Ion Ratio Lower Upper
 202 100
 101 12.3 0.0 34.1
 203 16.9 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF101701.D
 Acq: 23 Dec 2017 13:59

Tgt Ion:240 Resp: 291671
 Ion Ratio Lower Upper
 240 100
 120 12.7 9.5 14.3
 236 25.6 20.7 31.1

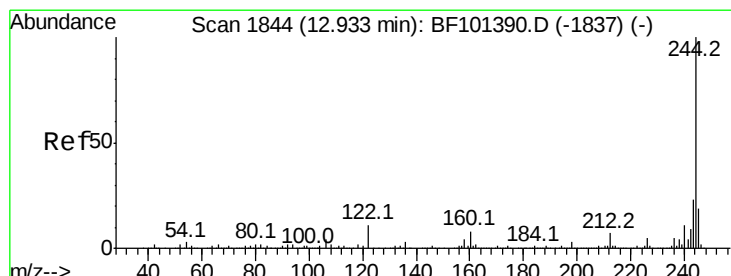
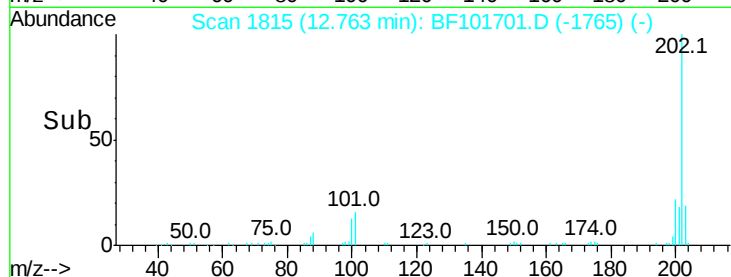
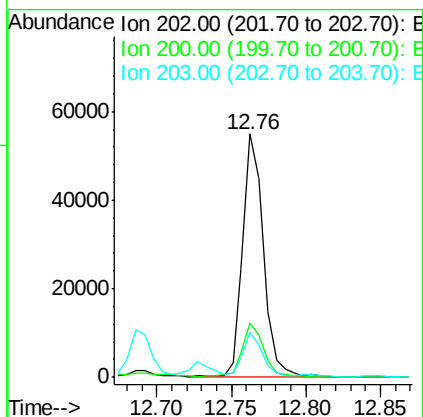
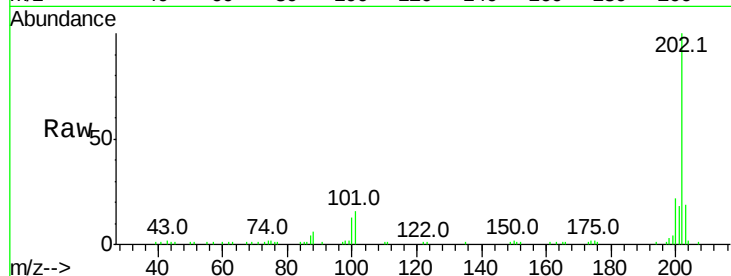




#77
Pvrene
Concen: 2.450 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF101701.D
Acq: 23 Dec 2017 13:59

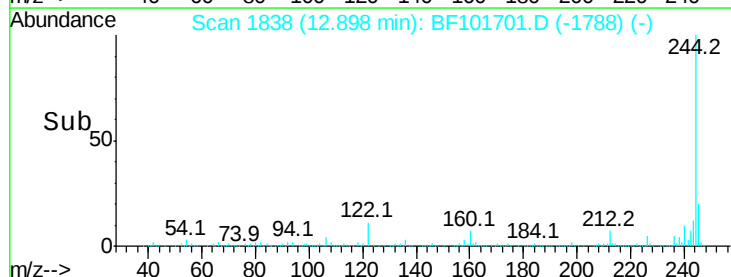
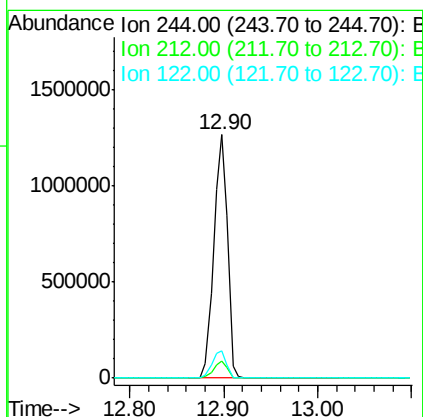
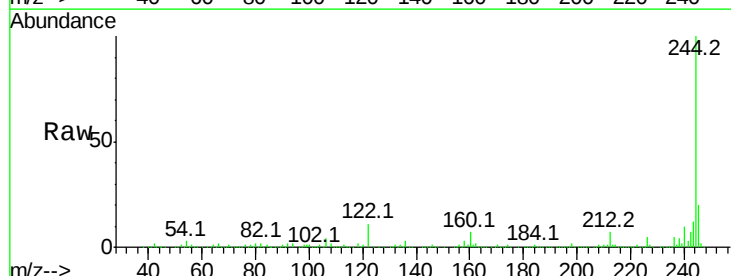
Instrument :
BNA_F
ClientSampleId :
WC-9871-01

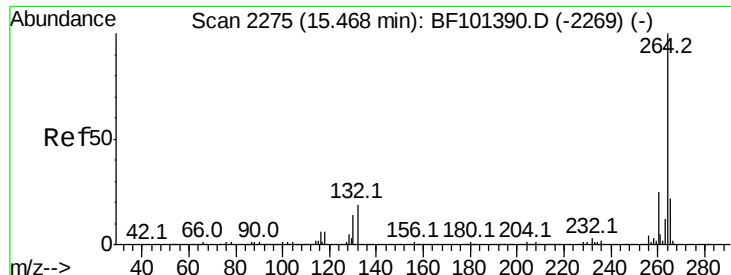
Tot Ion:202 Resp: 53624
Ion Ratio Lower Upper
202 100
200 22.5 17.4 26.2
203 18.8 14.3 21.5



#78
Terphenyl-d14
Concen: 108.186 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF101701.D
Acq: 23 Dec 2017 13:59

Tgt Ion:244 Resp: 1308910
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 11.1 11.0 16.4

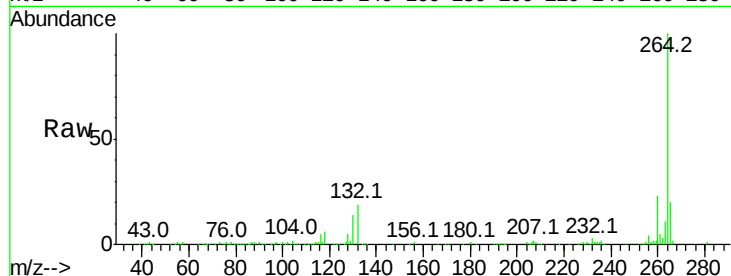




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BF101701.D
 Acq: 23 Dec 2017 13:59

Instrument :
 BNA_F
 ClientSampleId :
 WC-9871-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.4	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

