

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100840.D
 Acq On : 22 Nov 2017 23:01
 Operator : SJ/JU
 Sample : I6513-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 23:40:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	13912	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	55487	20.00	ng	-0.03
38) Acenaphthene-d10	9.89	164	27708	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	55885	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	49785	20.00	ng	-0.02
86) Perylene-d12	15.49	264	41628	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	111862	128.89	ng	-0.03
7) Phenol-d6	6.48	99	138124	129.06	ng	-0.03
23) Nitrobenzene-d5	7.42	82	80681	96.13	ng	-0.04
41) 2,4,6-Tribromophenol	10.68	330	44385	157.20	ng	-0.03
44) 2-Fluorobiphenyl	9.22	172	172355	94.72	ng	-0.02
78) Terphenyl-d14	12.96	244	201750	93.11	ng	-0.02

Target Compounds

						Qvalue
9) Benzaldehyde	6.48	77	110	0.144	ng	# 1
10) Phenol	6.50	94	3785	3.369	ng	# 90
15) Benzyl Alcohol	7.01	79	1334	1.597	ng	# 49
19) n-Nitroso-di-n-propylamine	7.42	70	10279	13.849	ng	# 79
22) Acetophenone	7.27	105	551	0.407	ng	# 54
24) Nitrobenzene	7.42	77	148	0.171	ng	# 38
25) Isophorone	7.42	82	80680	45.746	ng	# 64
31) Naphthalene	8.20	128	796	0.298	ng	# 68
45) 1,1'-Biphenyl	9.31	154	636	0.265	ng	# 42
46) 2-Chloronaphthalene	9.60	162	125	0.072	ng	# 1
48) Acenaphthylene	9.76	152	110	0.038	ng	# 60
49) Dimethylphthalate	9.60	163	16314	7.711	ng	# 99
50) 2,6-Dinitrotoluene	9.89	165	3486	8.325	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	3486	6.599	ng	# 21
57) Fluorene	10.68	166	2027	1.127	ng	# 93
59) Diethylphthalate	10.31	149	10565	4.990	ng	# 98
65) n-Nitrosodiphenylamine	10.68	169	1199	0.617	ng	# 36
66) 4-Bromophenyl-phenylether	10.68	248	2784	4.647	ng	# 1
70) Phenanthrene	11.40	178	1368	0.465	ng	# 66
71) Anthracene	11.46	178	435	0.146	ng	# 60
72) Carbazole	11.62	167	336	0.122	ng	# 59
73) Di-n-butylphthalate	11.94	149	2674	0.830	ng	# 78
74) Fluoranthene	12.59	202	3243	1.040	ng	# 96
76) Benidine	12.96	184	2054	1.030	ng	# 94
77) Pyrene	12.82	202	2970	0.837	ng	# 95
79) Butylbenzylphthalate	13.43	149	579	0.400	ng	# 90
80) Benzo(a)anthracene	14.04	228	2620	0.874	ng	# 97
82) Chrysene	14.04	228	2620	0.902	ng	# 94
83) Bis(2-ethylhexyl)phthalate	13.99	149	76363	40.117	ng	# 99
84) Di-n-octyl phthalate	14.61	149	5739	1.755	ng	# 90
85) Indeno(1,2,3-cd)pyrene	16.96	276	1805	0.769	ng	# 54
87) Benzo(b)fluoranthene	15.06	252	3542	1.436	ng	# 92
88) Benzo(k)fluoranthene	15.09	252	2108	0.905	ng	# 88
89) Benzo(a)pyrene	15.43	252	1890	0.864	ng	# 60

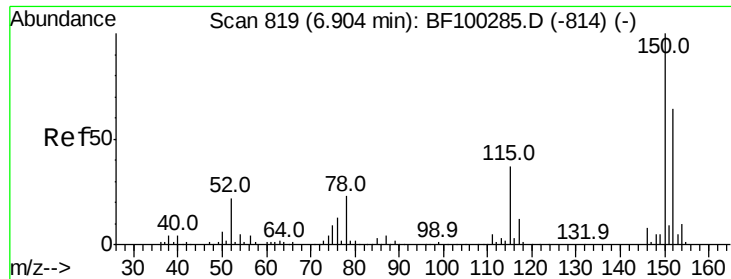
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100840.D
Acq On : 22 Nov 2017 23:01
Operator : SJ/JU
Sample : I6513-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 23 23:40:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Dibenzo(a,h)anthracene	16.97	278	974	0.545	ng	# 54
91) Benzo(g,h,i)perylene	17.40	276	1569	0.896	ng	# 50

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

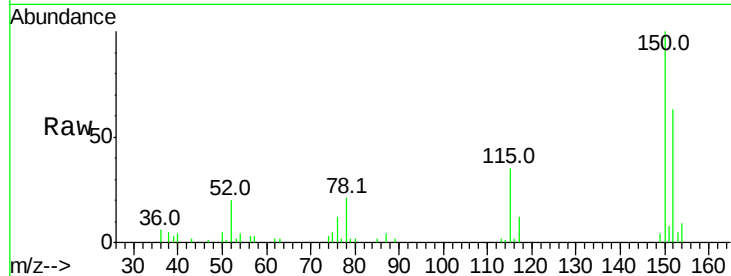


#1

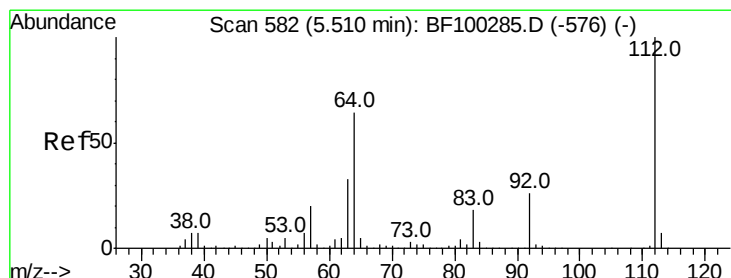
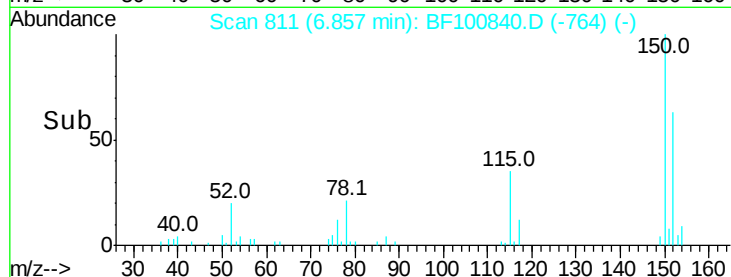
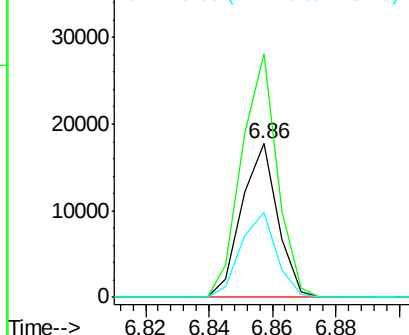
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100840.D
Acq: 22 Nov 2017 23:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 13912
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 55.5 50.1 75.1



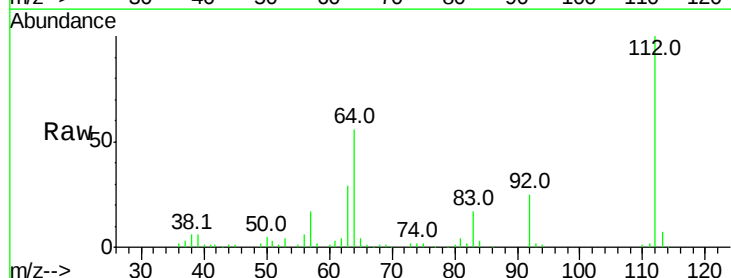
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



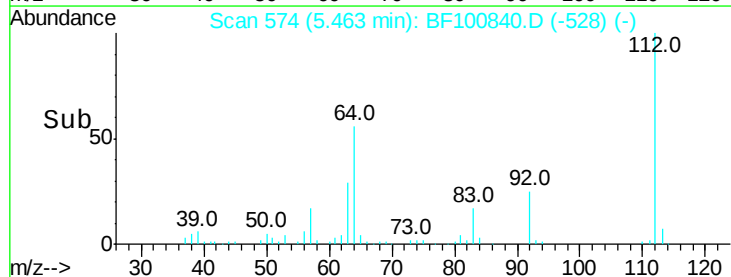
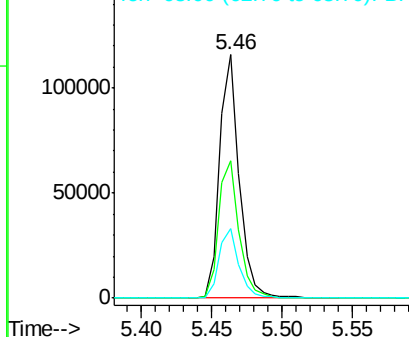
#5

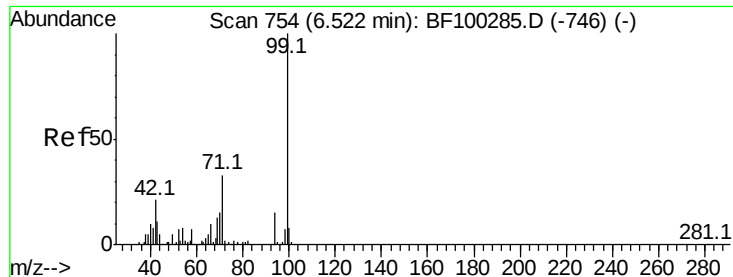
2-Fluorophenol
Concen: 128.891 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.03 min
Lab File: BF100840.D
Acq: 22 Nov 2017 23:01

Tgt Ion:112 Resp: 111862
Ion Ratio Lower Upper
112 100
64 56.2 47.9 71.9
63 28.6 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





#7

Phenol-d6

Concen: 129.063 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF100840.D

Acq: 22 Nov 2017 23:01

Instrument :

BNA_F

ClientSampleId :

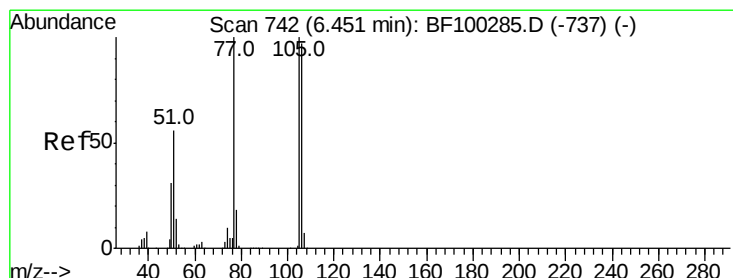
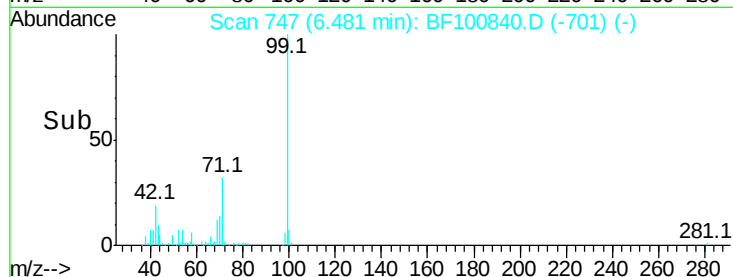
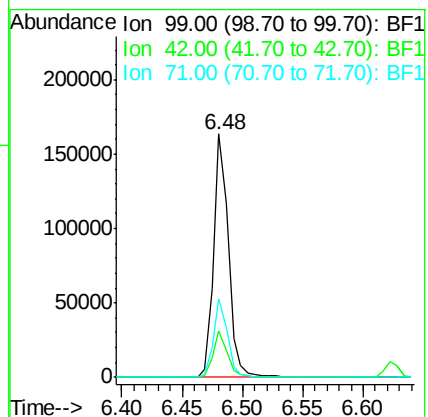
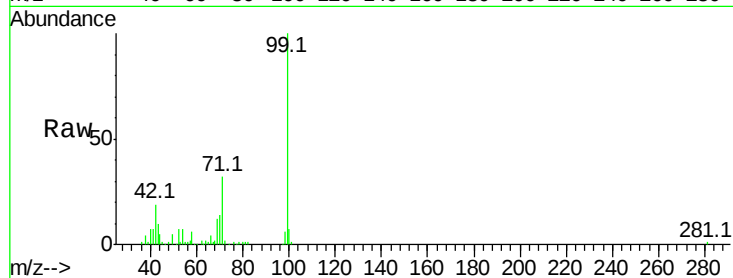
Tot Ion: 99 Resp: 138124

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

71 32.3 25.4 38.0



#9

Benzaldehyde

Concen: 0.144 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.05 min

Lab File: BF100840.D

Acq: 22 Nov 2017 23:01

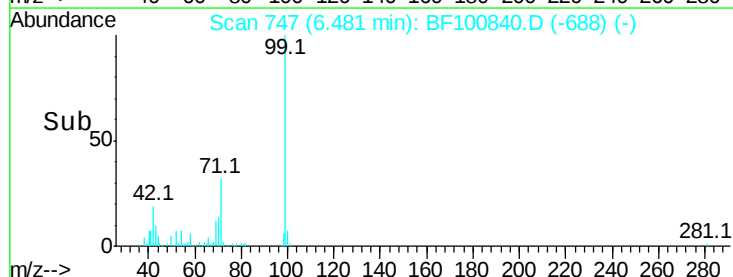
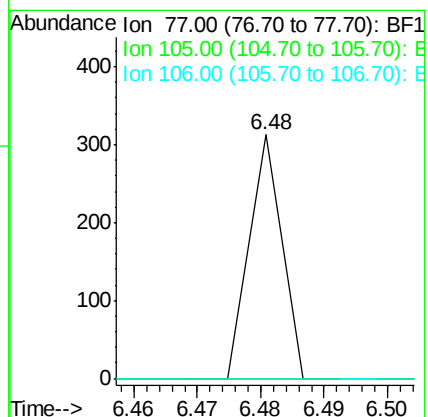
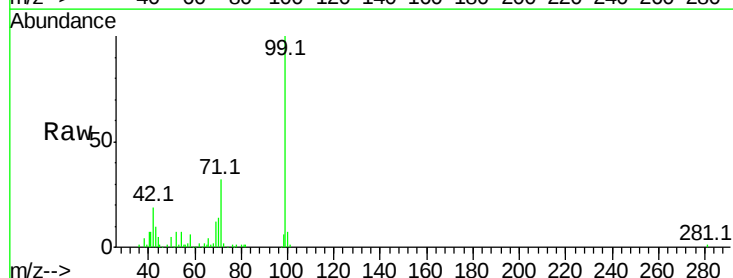
Tgt Ion: 77 Resp: 110

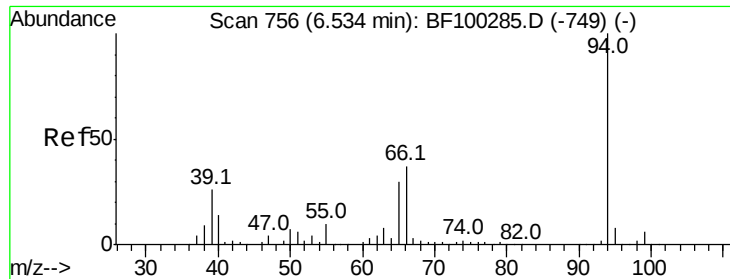
Ion Ratio Lower Upper

77 100

105 0.0 81.1 121.1#

106 0.0 74.5 114.5#

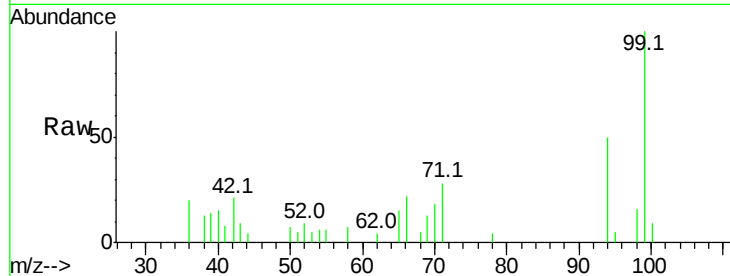




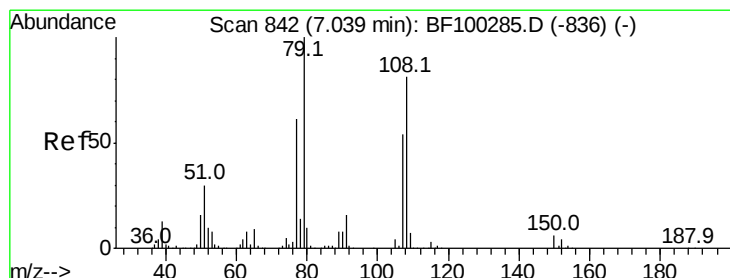
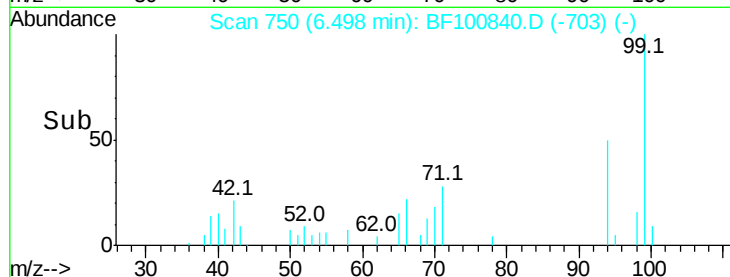
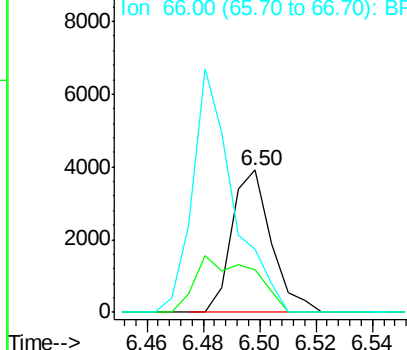
#10
Phenol
Concen: 3.369 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF100840.D
Acq: 22 Nov 2017 23:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 94 Resp: 3785
Ion Ratio Lower Upper
94 100
65 30.5 7.9 47.9
66 44.2 16.2 56.2

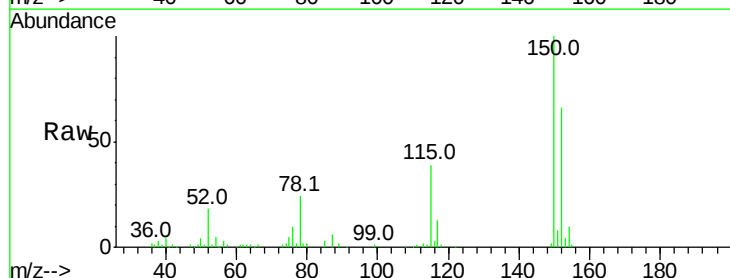


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

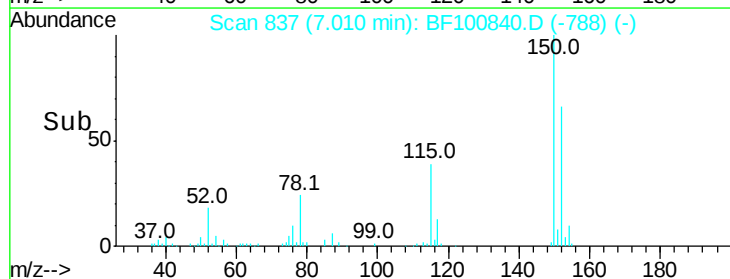
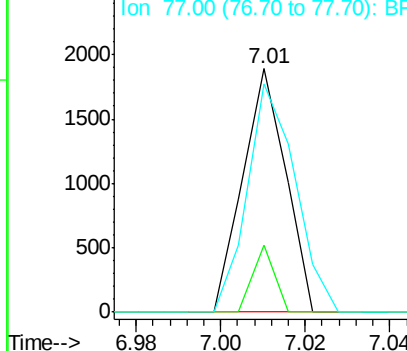


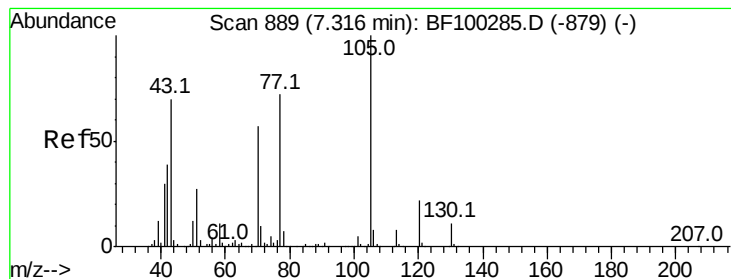
#15
Benzyl Alcohol
Concen: 1.597 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF100840.D
Acq: 22 Nov 2017 23:01

Tgt Ion: 79 Resp: 1334
Ion Ratio Lower Upper
79 100
108 27.6 65.1 97.7#
77 93.9 50.6 75.8#



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





#19

n-Nitroso-di-n-propylamine

Concen: 13.849 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.12 min

Lab File: BF100840.D

Acq: 22 Nov 2017 23:01

Instrument :

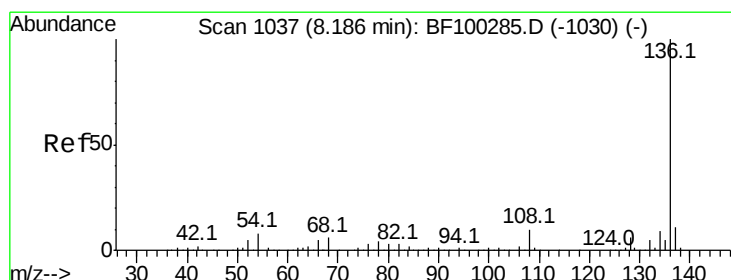
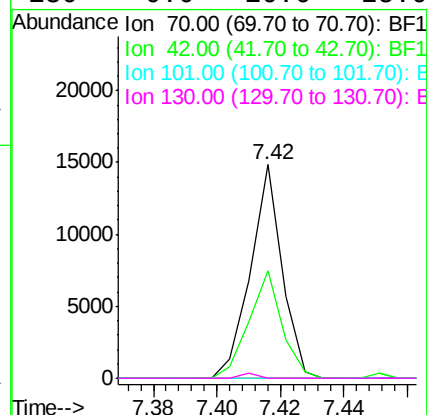
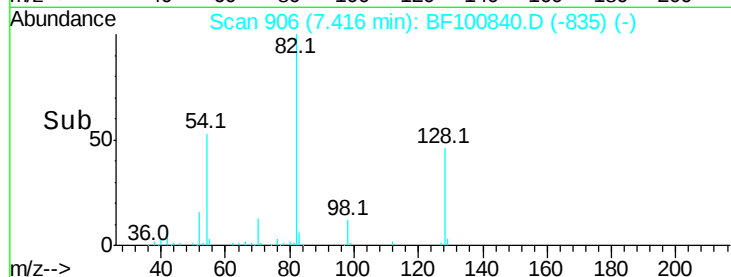
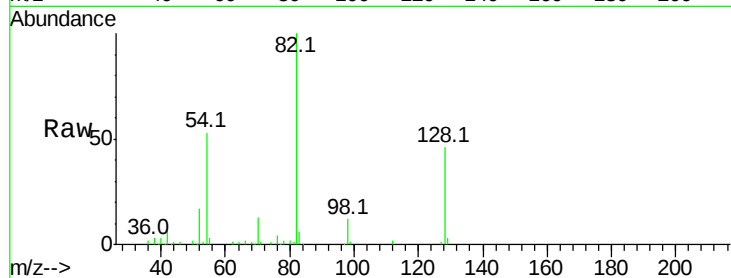
BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 10279

Ion Ratio Lower Upper

70	100		
42	50.4	47.5	71.3
101	0.0	7.4	11.2
130	0.0	16.6	25.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.03 min

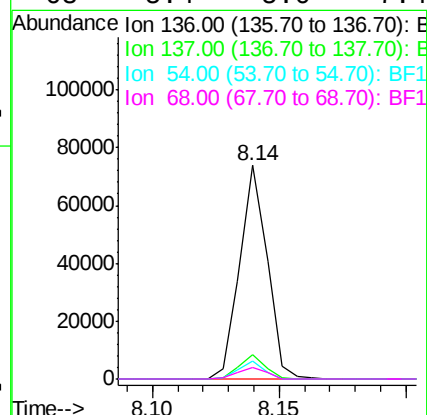
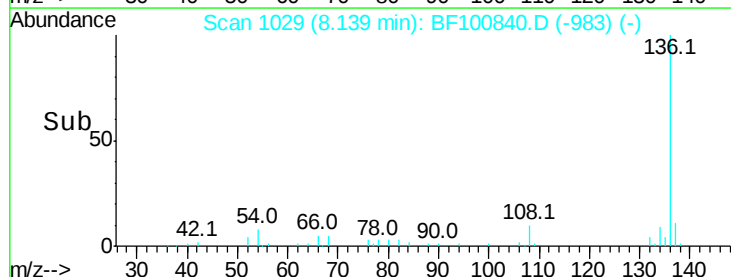
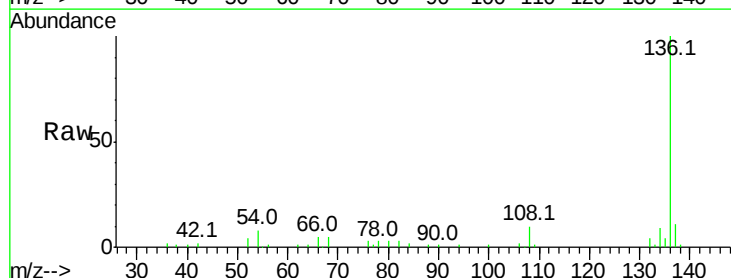
Lab File: BF100840.D

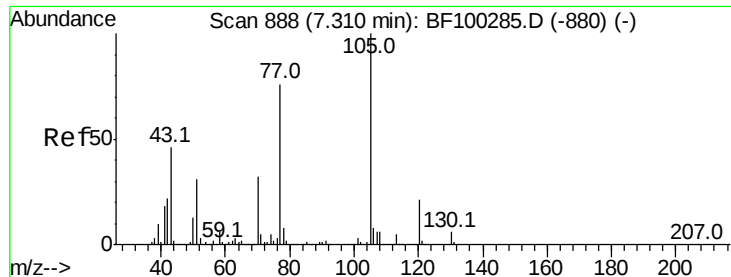
Acq: 22 Nov 2017 23:01

Tgt Ion: 136 Resp: 55487

Ion Ratio Lower Upper

136	100		
137	11.3	8.9	13.3
54	8.2	6.6	9.8
68	5.4	5.0	7.4





#22

Acetophenone

Concen: 0.407 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.02 min

Lab File: BF100840.D

Acq: 22 Nov 2017 23:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 105 Resp: 551

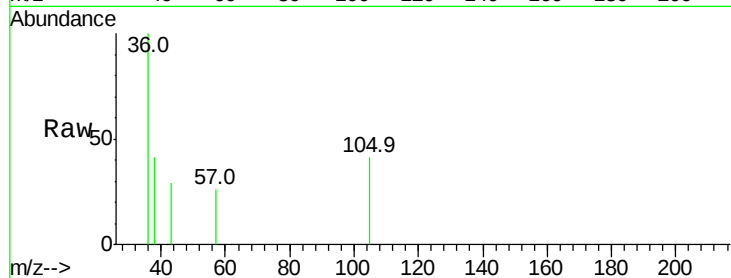
Ion Ratio Lower Upper

105 100

71 0.0 4.4 6.6#

51 0.0 22.3 33.5#

120 0.0 16.9 25.3#

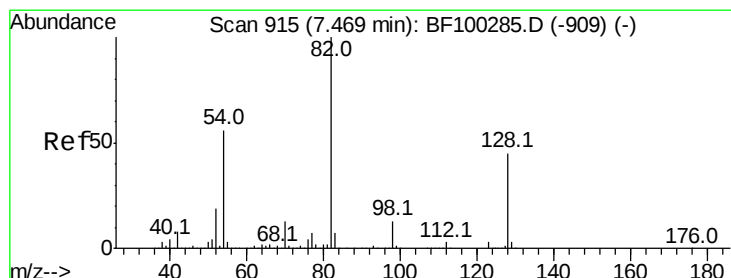
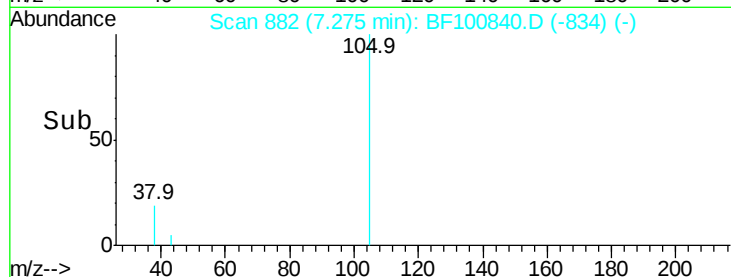
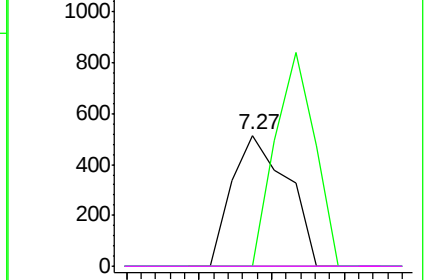


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 96.132 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.04 min

Lab File: BF100840.D

Acq: 22 Nov 2017 23:01

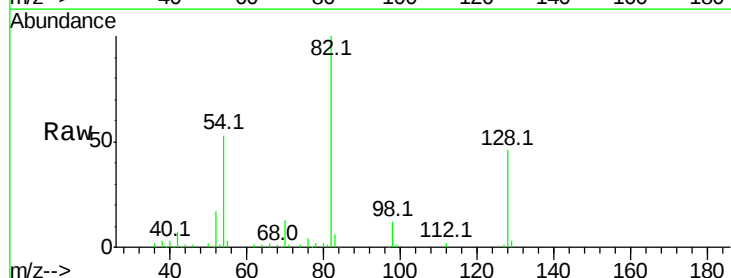
Tgt Ion: 82 Resp: 80681

Ion Ratio Lower Upper

82 100

128 45.6 36.1 54.1

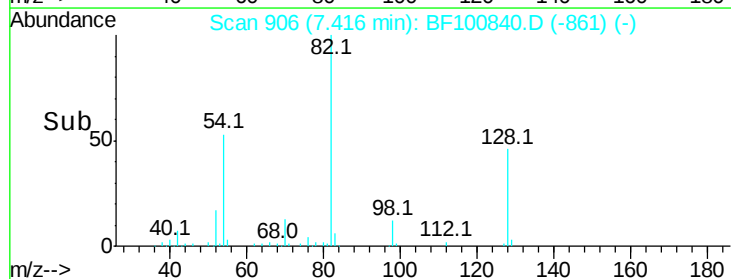
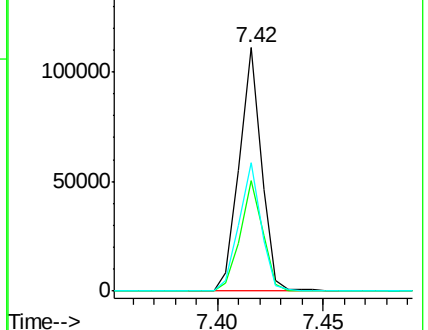
54 52.9 41.4 62.2

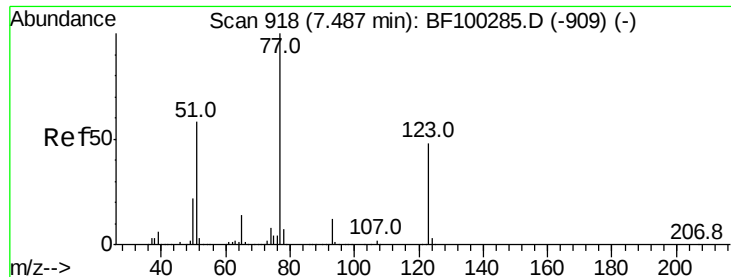


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

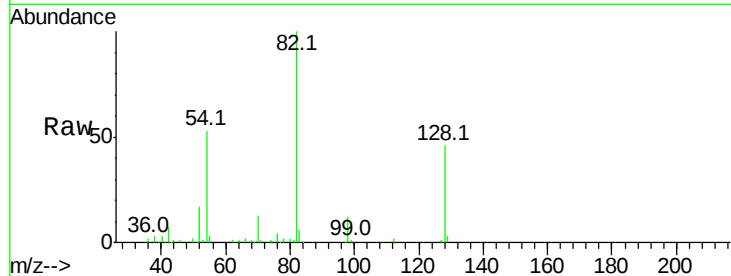




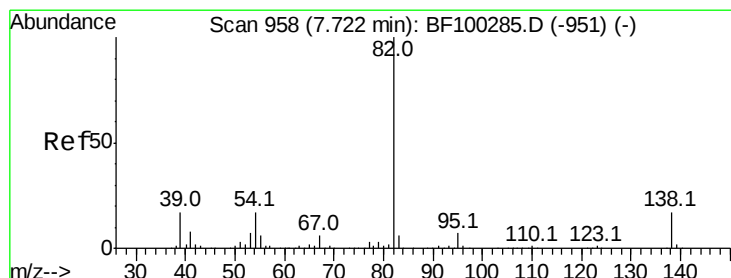
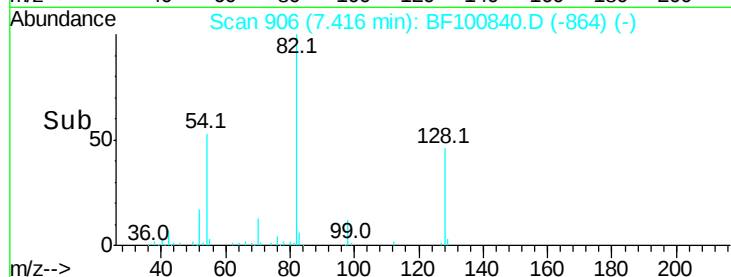
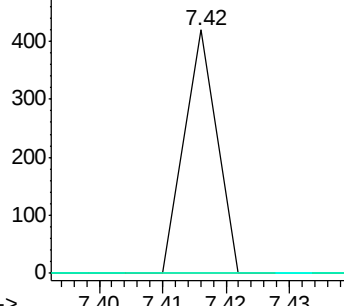
#24
Nitrobenzene
Concen: 0.171 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.05 min
Lab File: BF100840.D
Acq: 22 Nov 2017 23:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 148
Ion Ratio Lower Upper
77 100
123 0.0 37.9 56.9#
65 0.0 11.0 16.4#

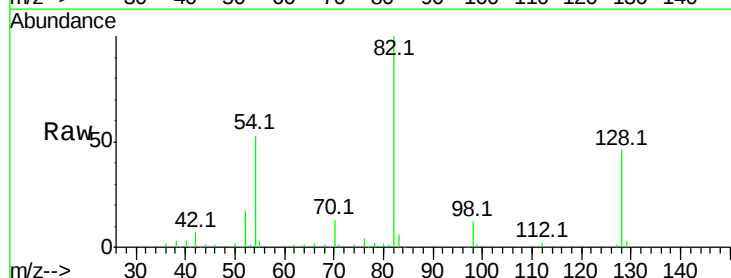


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

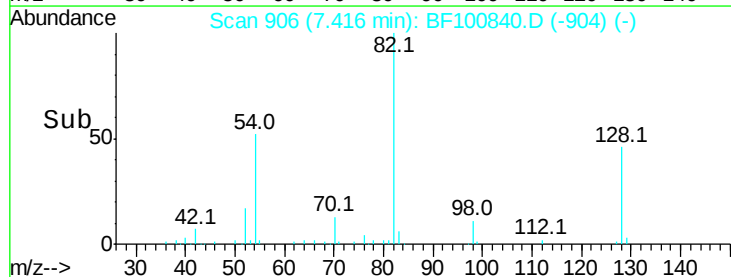
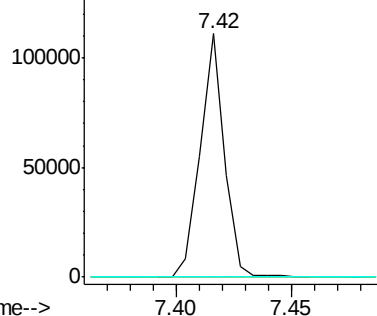


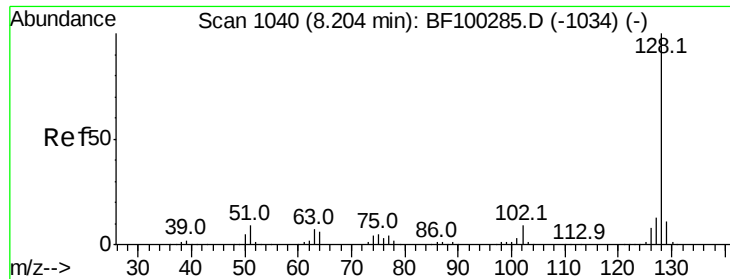
#25
Isophorone
Concen: 45.746 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.29 min
Lab File: BF100840.D
Acq: 22 Nov 2017 23:01

Tgt Ion: 82 Resp: 80680
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

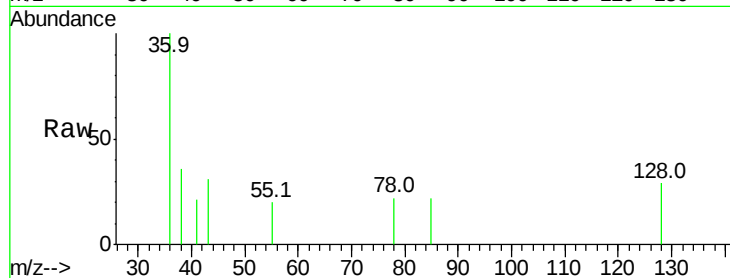




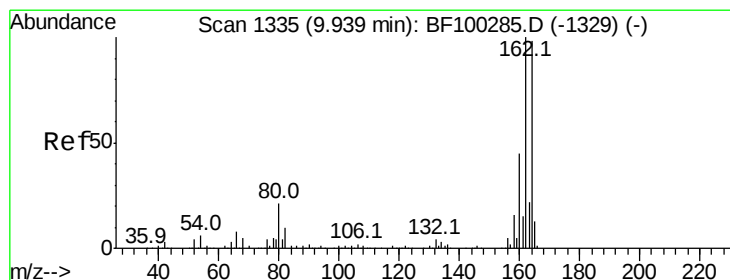
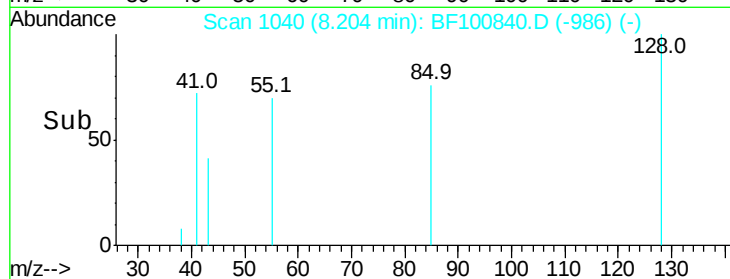
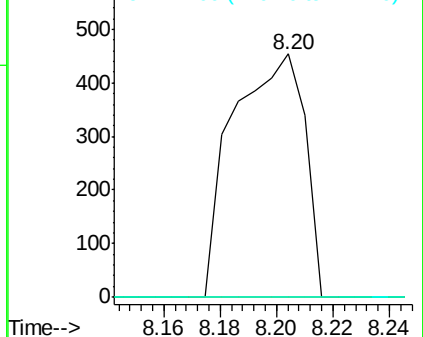
#31
Naphthalene
Concen: 0.298 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.02 min
Lab File: BF100840.D
Acq: 22 Nov 2017 23:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 796
Ion Ratio Lower Upper
128 100
129 0.0 8.8 13.2#
127 0.0 10.9 16.3#

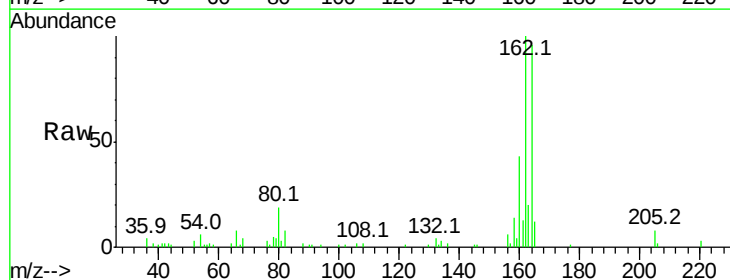


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

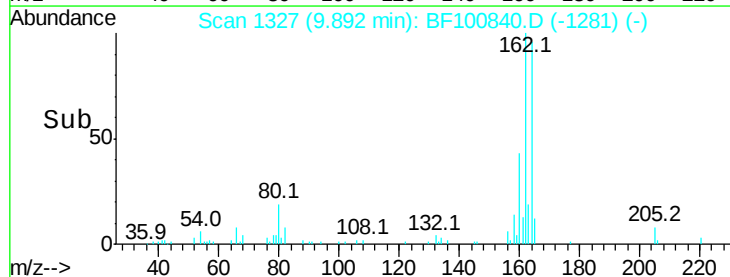
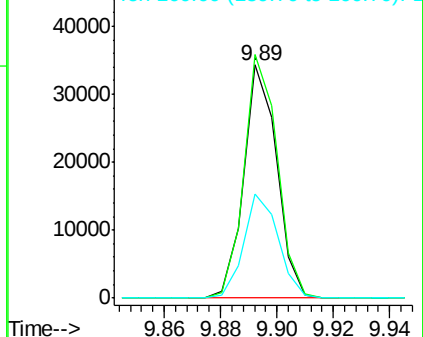


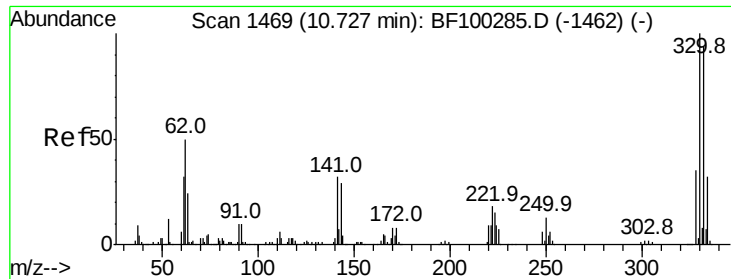
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BF100840.D
Acq: 22 Nov 2017 23:01

Tgt Ion:164 Resp: 27708
Ion Ratio Lower Upper
164 100
162 104.6 86.1 129.1
160 44.6 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

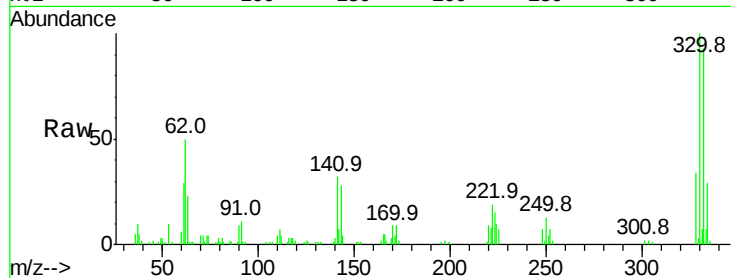




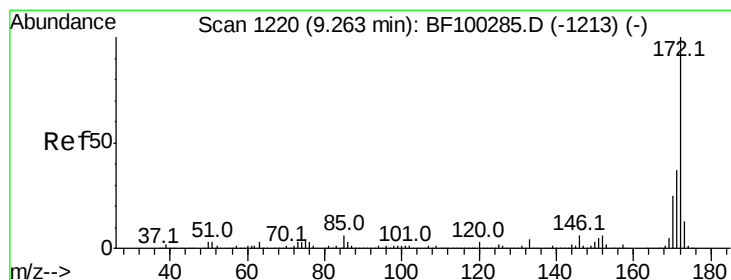
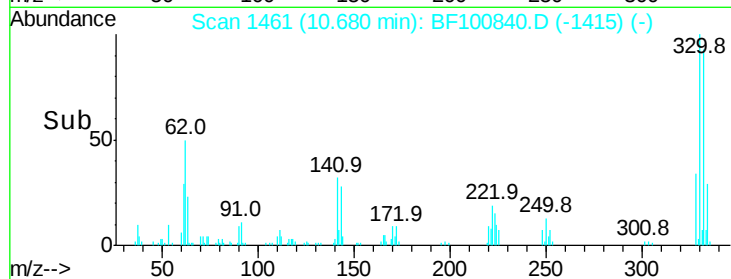
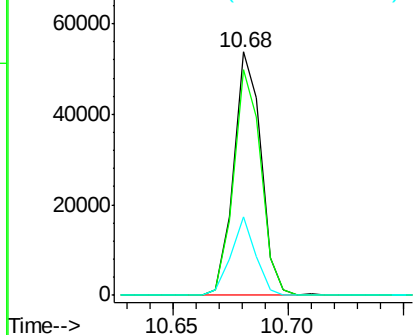
#41
 2,4,6-Tribromophenol
 Concen: 157.202 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.03 min
 Lab File: BF100840.D
 Acq: 22 Nov 2017 23:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 44385
 Ion Ratio Lower Upper
 330 100
 332 92.5 77.0 115.6
 141 28.9 29.9 44.9#

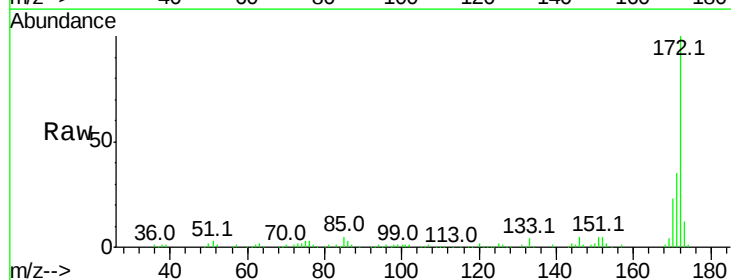


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

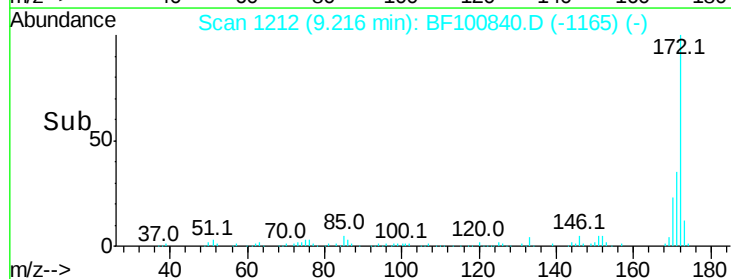
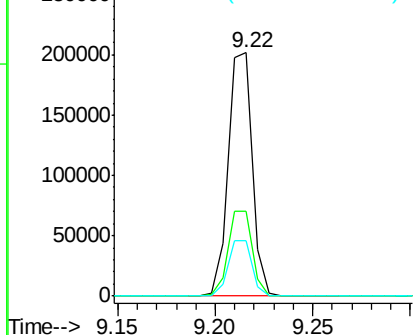


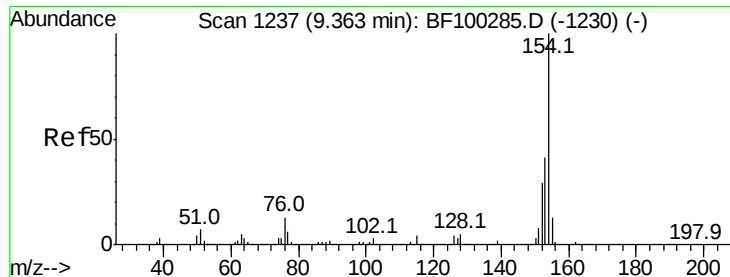
#44
 2-Fluorobiphenyl
 Concen: 94.719 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF100840.D
 Acq: 22 Nov 2017 23:01

Tgt Ion:172 Resp: 172355
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.7 44.5
 170 22.9 19.6 29.4



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

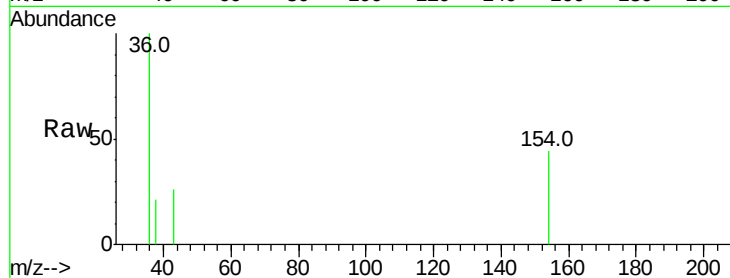




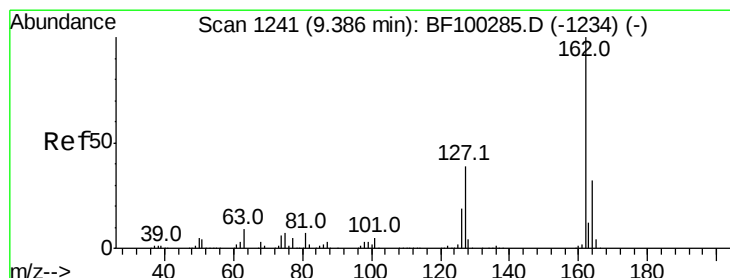
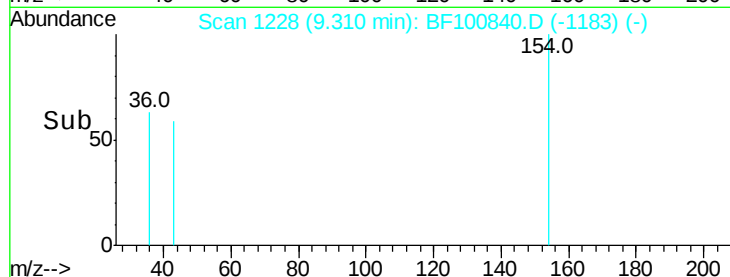
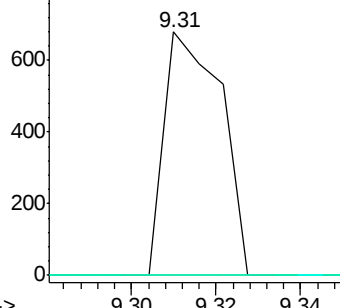
#45
 1,1'-Biphenyl
 Concen: 0.265 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.04 min
 Lab File: BF100840.D
 Acq: 22 Nov 2017 23:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	0.0	21.3	61.3#
76	0.0	0.0	34.0

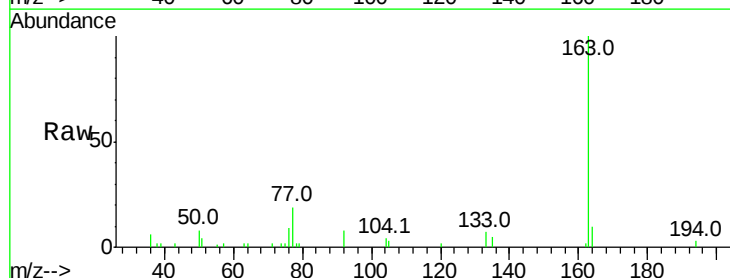


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

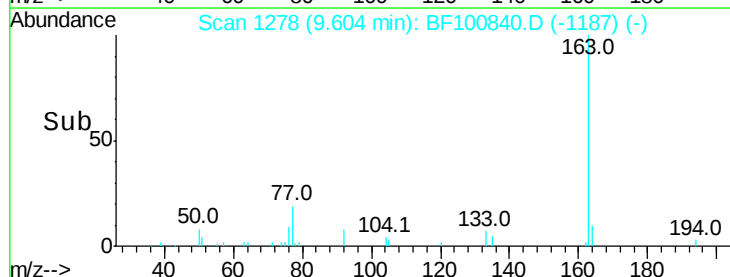
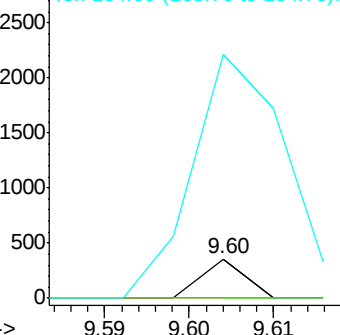


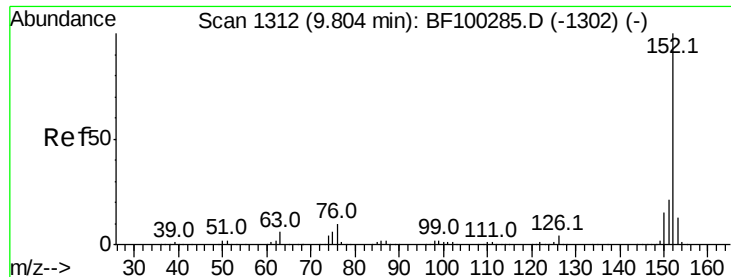
#46
 2-Chloronaphthalene
 Concen: 0.072 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. 0.24 min
 Lab File: BF100840.D
 Acq: 22 Nov 2017 23:01

Tgt Ion	Ratio	Lower	Upper
162	100		
127	0.0	33.9	50.9#
164	622.5	26.5	39.7#



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#48

Acenaphthylene

Concen: 0.038 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.03 min

Lab File: BF100840.D

Acq: 22 Nov 2017 23:01

Instrument :

BNA_F

ClientSampleId :

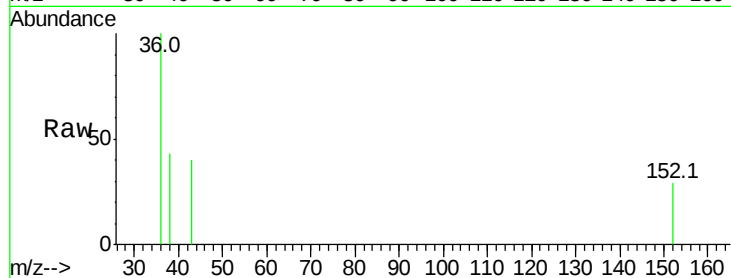
Tot Ion:152 Resp: 110

Ion Ratio Lower Upper

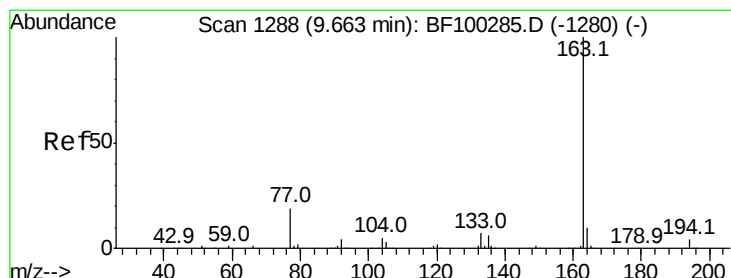
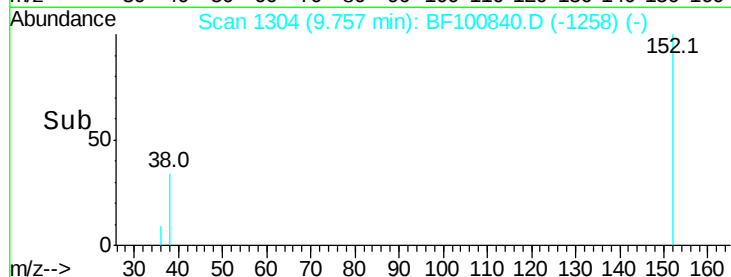
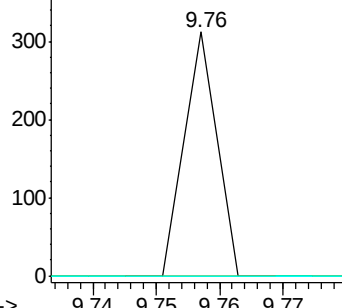
152 100

151 0.0 16.3 24.5#

153 0.0 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



#49

Dimethylphthalate

Concen: 7.711 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.04 min

Lab File: BF100840.D

Acq: 22 Nov 2017 23:01

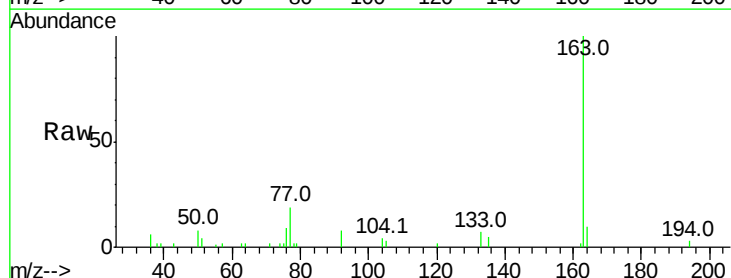
Tgt Ion:163 Resp: 16314

Ion Ratio Lower Upper

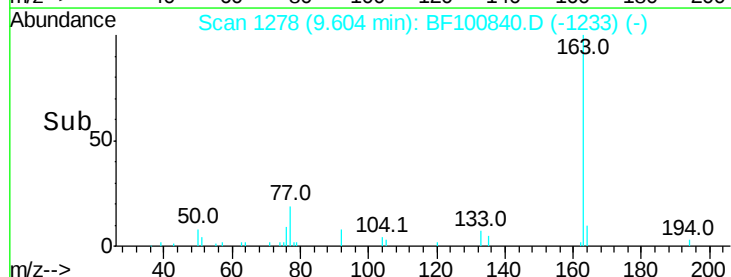
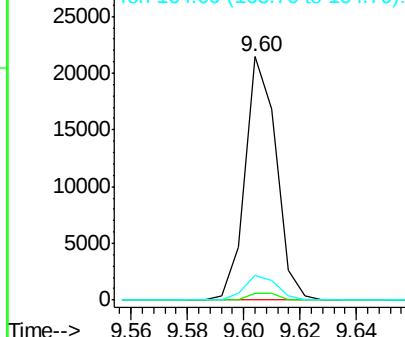
163 100

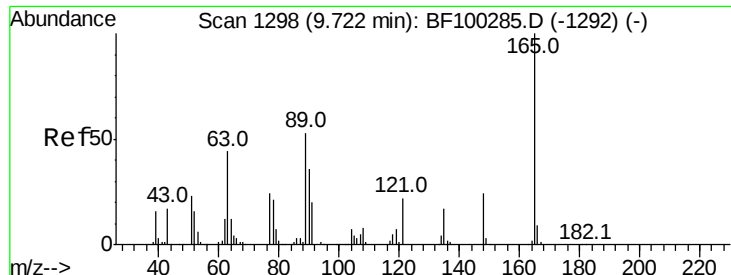
194 2.9 2.7 4.1

164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

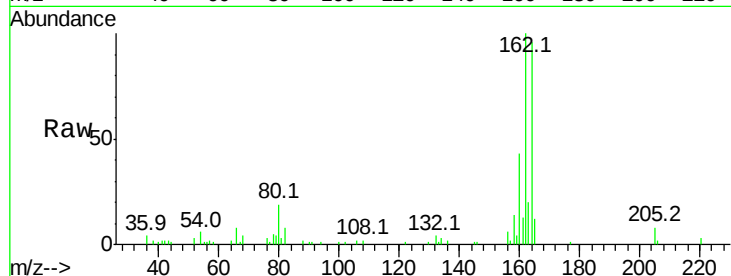




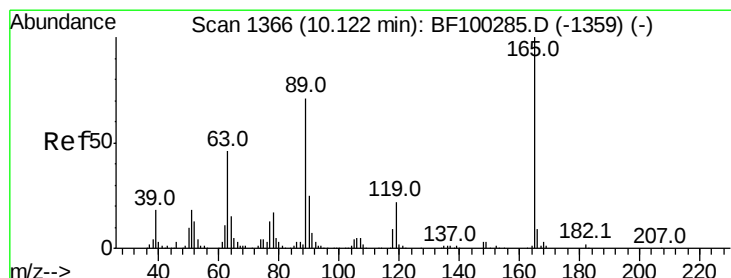
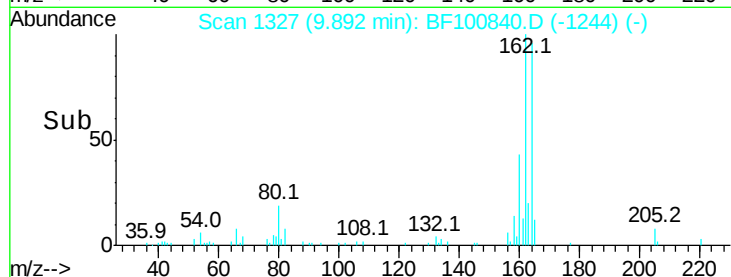
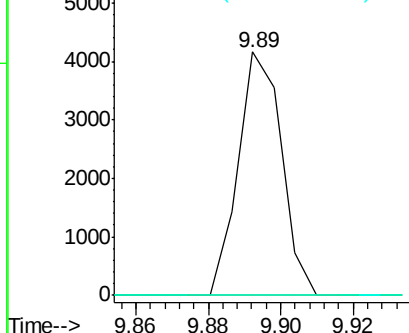
#50
 2,6-Dinitrotoluene
 Concen: 8.325 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.19 min
 Lab File: BF100840.D
 Acq: 22 Nov 2017 23:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 3486
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

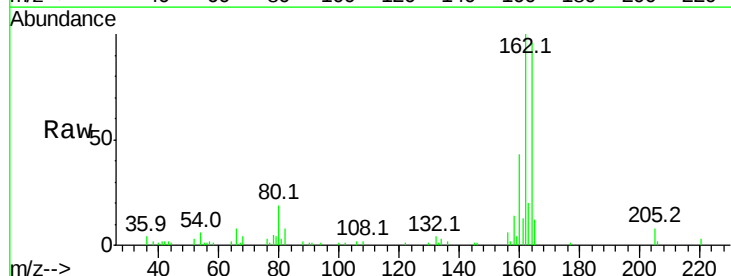


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

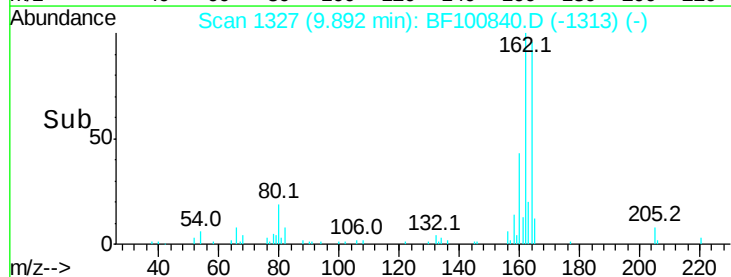
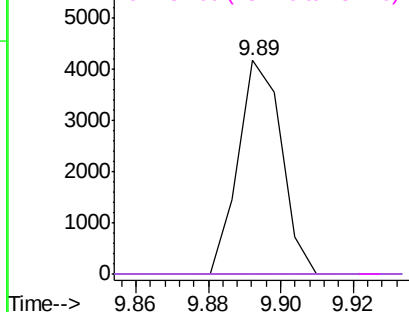


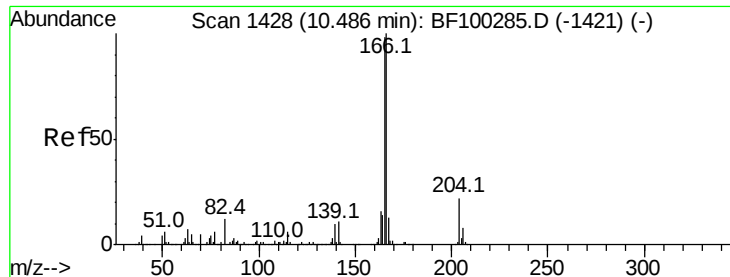
#56
 2,4-Dinitrotoluene
 Concen: 6.599 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.22 min
 Lab File: BF100840.D
 Acq: 22 Nov 2017 23:01

Tgt Ion:165 Resp: 3486
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 0.0 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

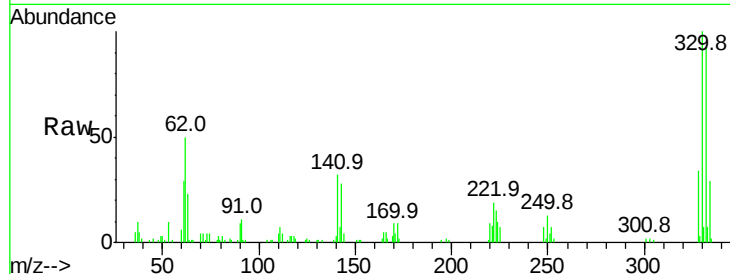




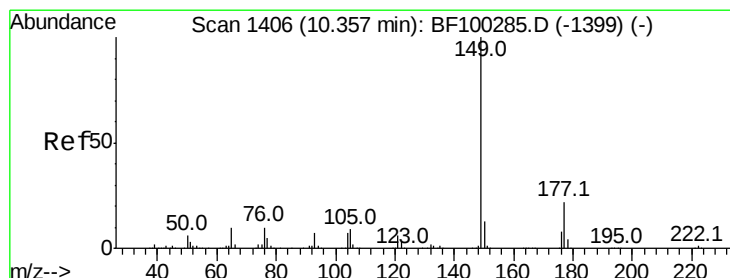
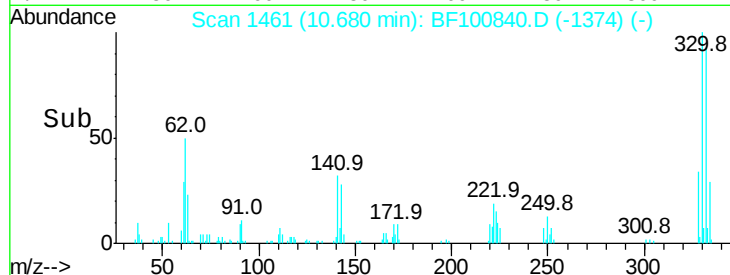
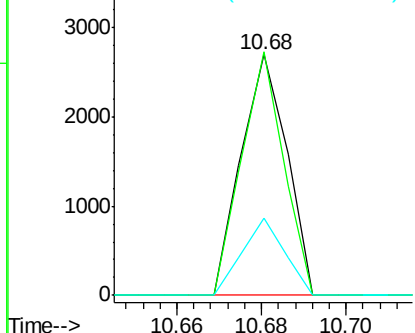
#57
Fluorene
Concen: 1.127 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.21 min
Lab File: BF100840.D
Acq: 22 Nov 2017 23:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:166 Resp: 2027
Ion Ratio Lower Upper
166 100
165 101.1 79.8 119.8
167 32.2 10.6 16.0#

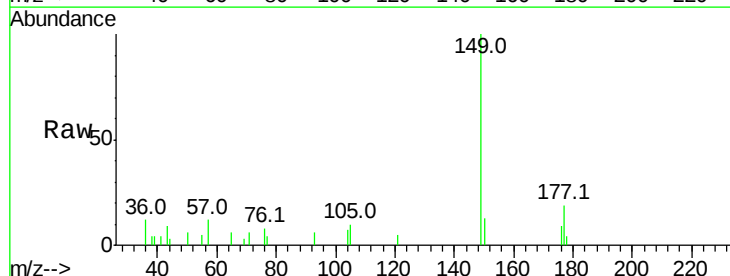


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

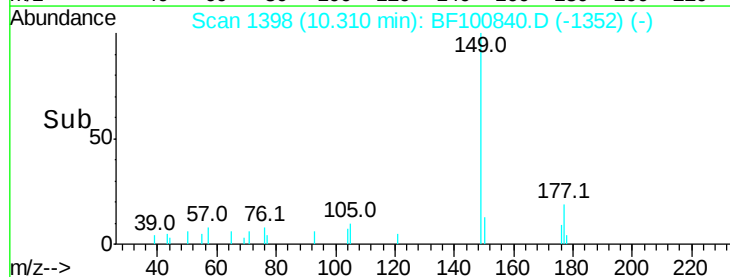
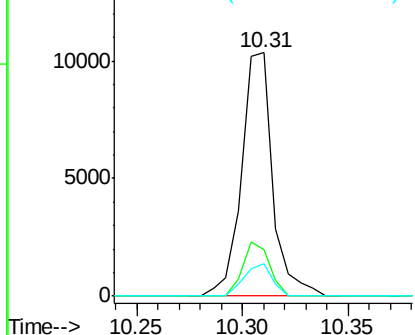


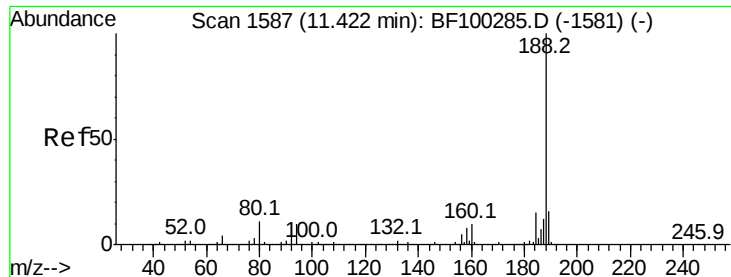
#59
Diethylphthalate
Concen: 4.990 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.03 min
Lab File: BF100840.D
Acq: 22 Nov 2017 23:01

Tgt Ion:149 Resp: 10565
Ion Ratio Lower Upper
149 100
177 19.1 16.1 24.1
150 13.2 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

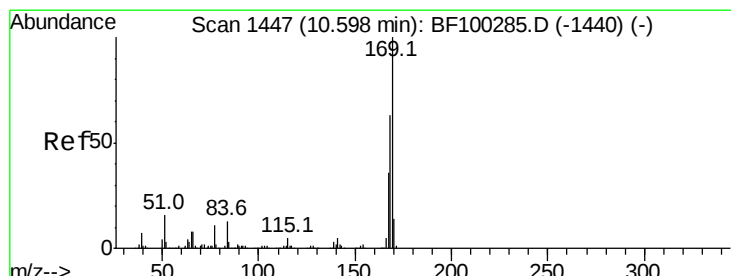
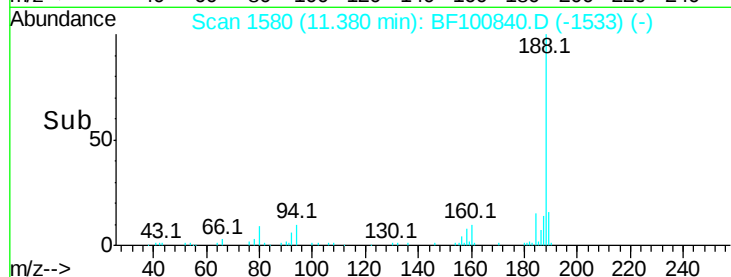
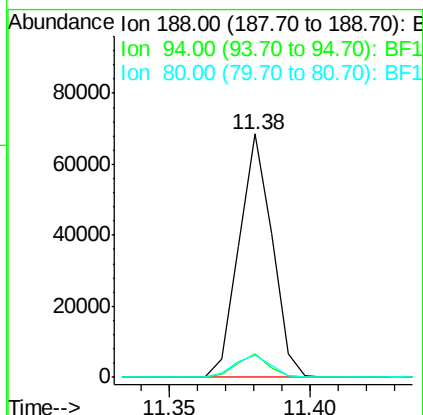
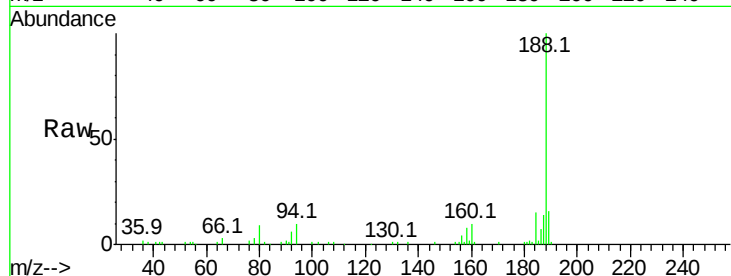




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF100840.D
Acq: 22 Nov 2017 23:01

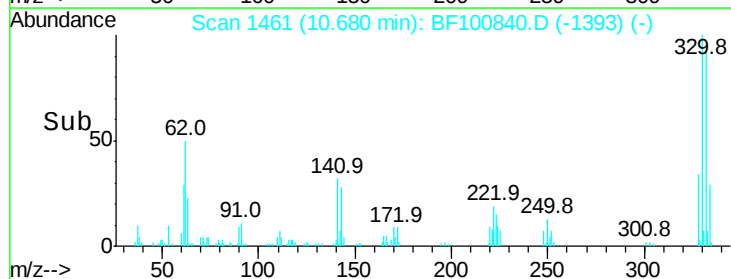
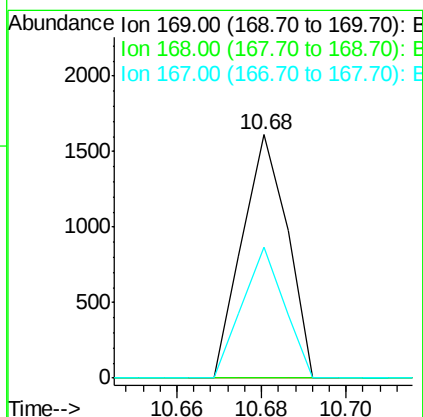
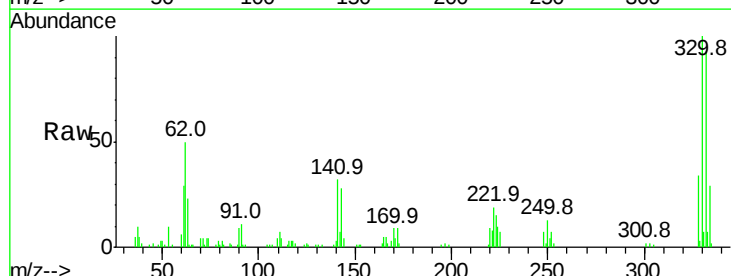
Instrument :
BNA_F
ClientSampleId :

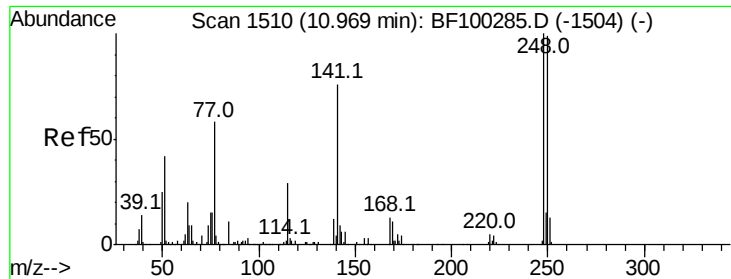
Tot Ion:188 Resp: 55885
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 9.3 9.2 13.8



#65
n-Nitrosodiphenylamine
Concen: 0.617 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.10 min
Lab File: BF100840.D
Acq: 22 Nov 2017 23:01

Tgt Ion:169 Resp: 1199
Ion Ratio Lower Upper
169 100
168 0.0 54.4 81.6#
167 53.9 29.8 44.6#

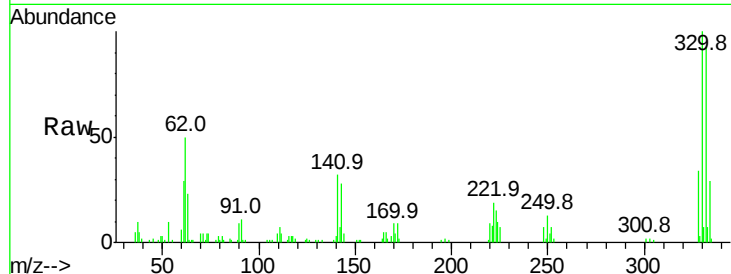




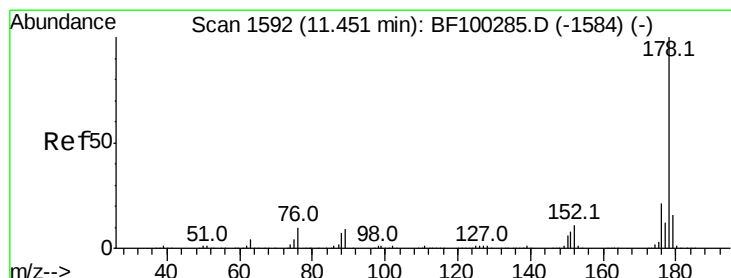
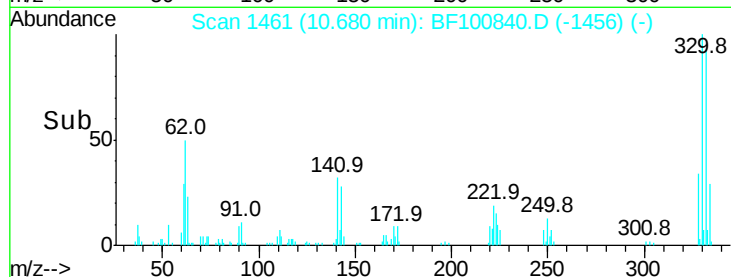
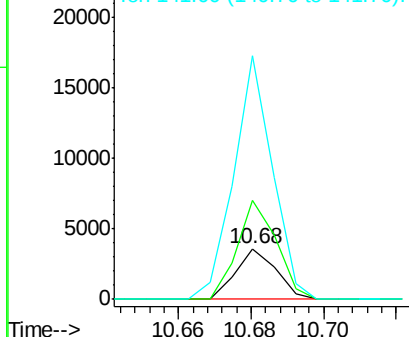
#66
4-Bromophenyl-phenylether
Concen: 4.647 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.27 min
Lab File: BF100840.D
Acq: 22 Nov 2017 23:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 2784
Ion Ratio Lower Upper
248 100
250 193.9 76.9 115.3#
141 478.7 74.4 111.6#

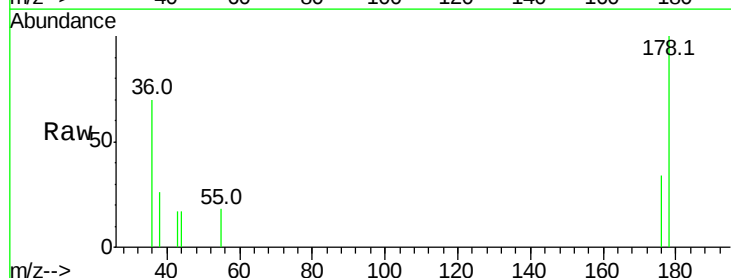


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

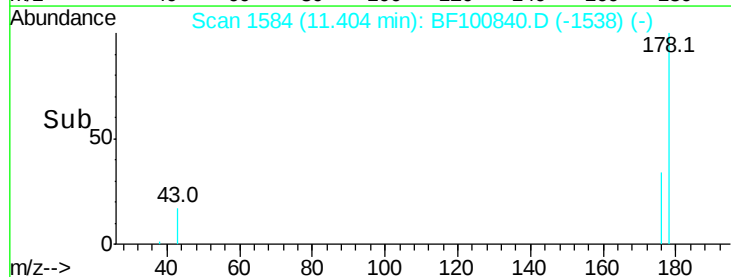
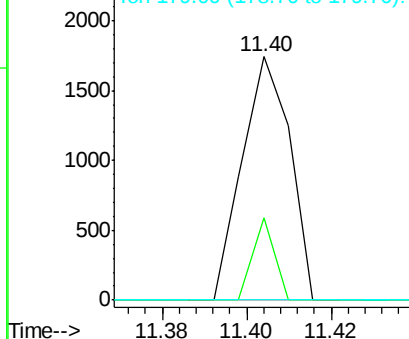


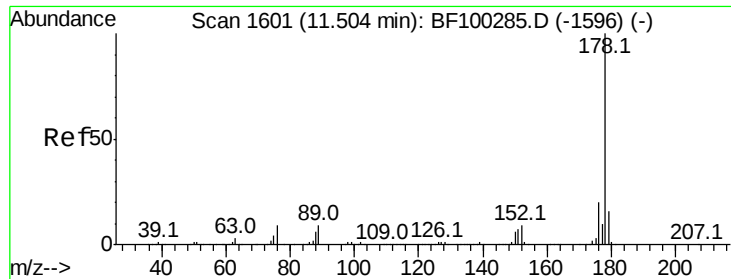
#70
Phenanthrene
Concen: 0.465 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.03 min
Lab File: BF100840.D
Acq: 22 Nov 2017 23:01

Tgt Ion:178 Resp: 1368
Ion Ratio Lower Upper
178 100
176 33.8 15.8 23.8#
179 0.0 13.0 19.6#



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

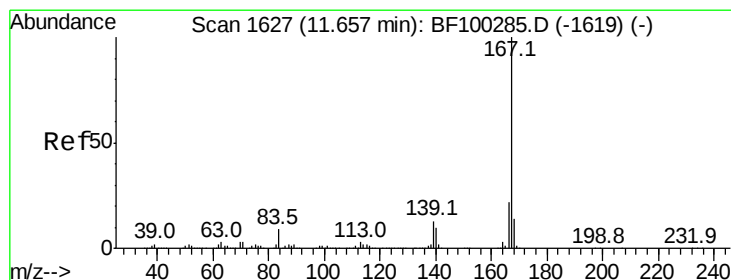
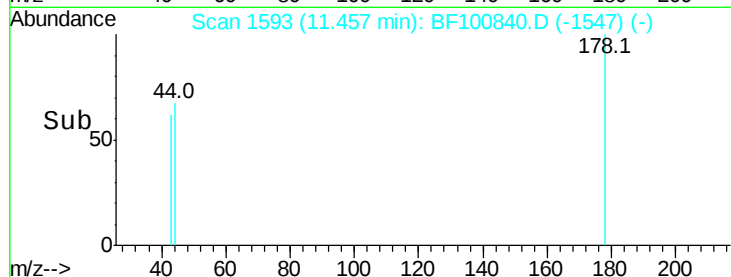
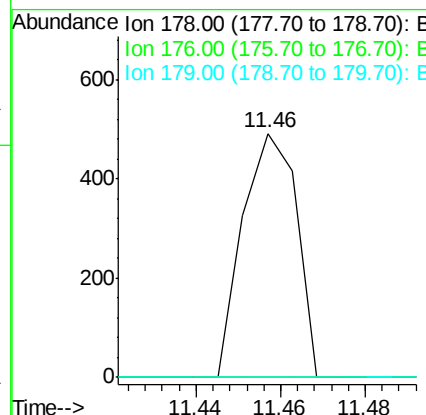
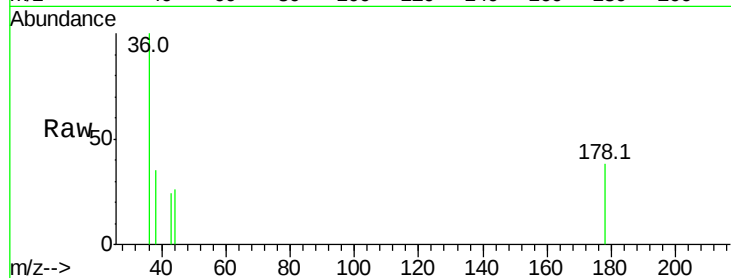




#71
 Anthracene
 Concen: 0.146 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.03 min
 Lab File: BF100840.D
 Acq: 22 Nov 2017 23:01

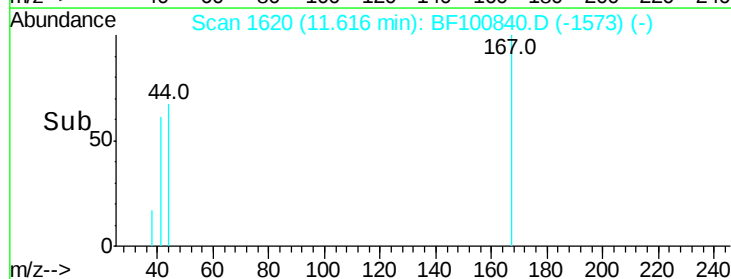
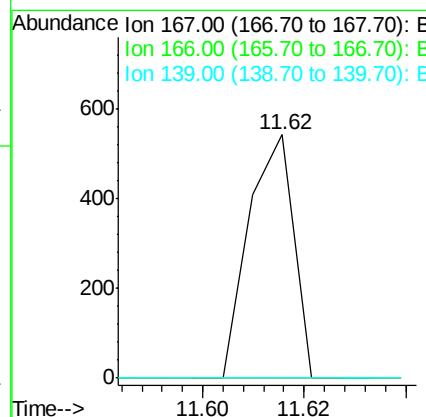
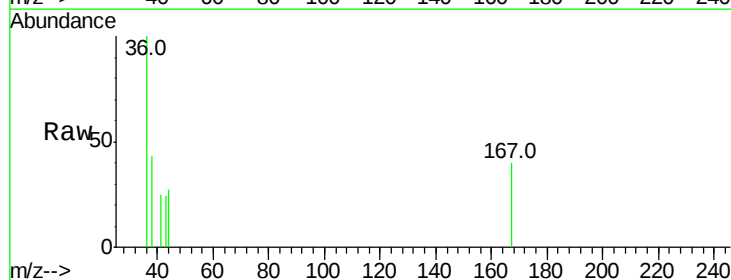
Instrument :
 BNA_F
 ClientSampleId :

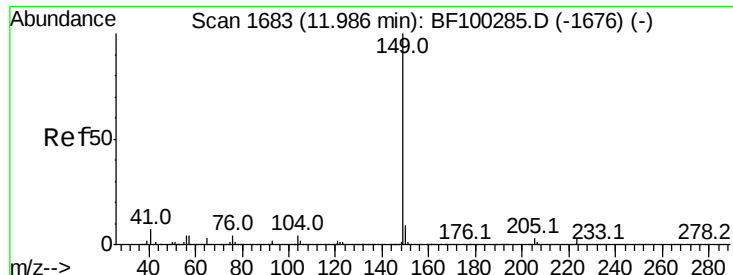
Tot Ion:178 Resp: 435
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.4 23.2#
 179 0.0 12.6 19.0#



#72
 Carbazole
 Concen: 0.122 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. -0.02 min
 Lab File: BF100840.D
 Acq: 22 Nov 2017 23:01

Tgt Ion:167 Resp: 336
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.6 26.4#
 139 0.0 10.9 16.3#





#73

Di-n-butylphthalate

Concen: 0.830 ng

RT: 11.94 min Scan# 1675

Delta R.T. -0.02 min

Lab File: BF100840.D

Acq: 22 Nov 2017 23:01

Instrument :

BNA_F

ClientSampleId :

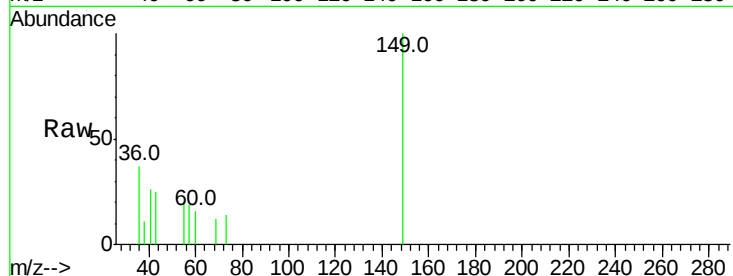
Tot Ion:149 Resp: 2674

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

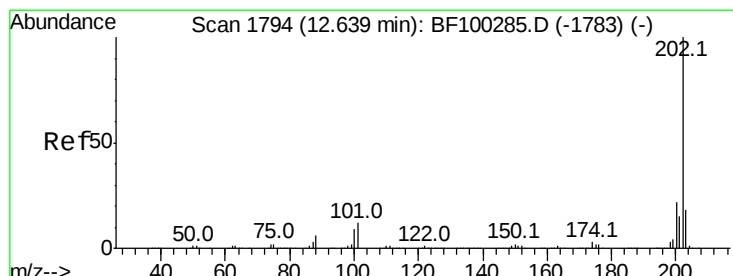
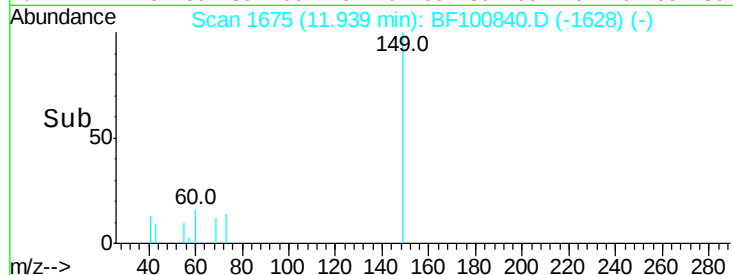
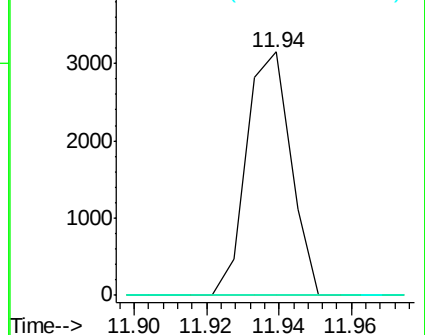
104 0.0 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 1.040 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.03 min

Lab File: BF100840.D

Acq: 22 Nov 2017 23:01

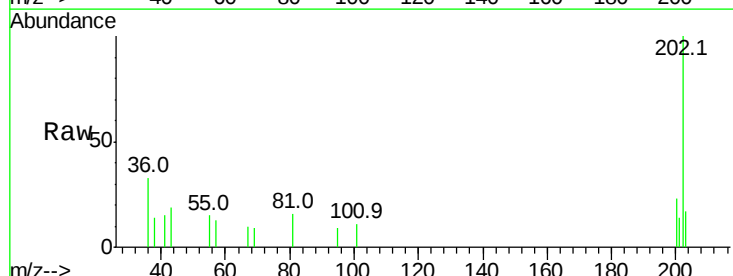
Tgt Ion:202 Resp: 3243

Ion Ratio Lower Upper

202 100

101 11.0 0.0 34.1

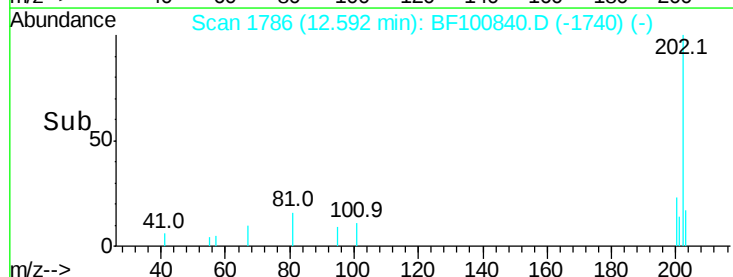
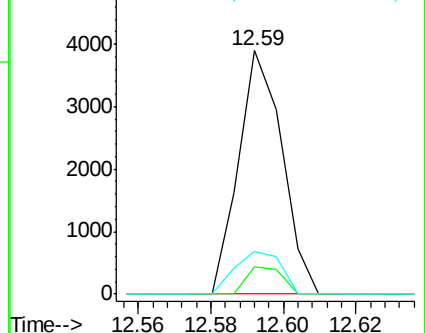
203 17.4 0.0 38.1

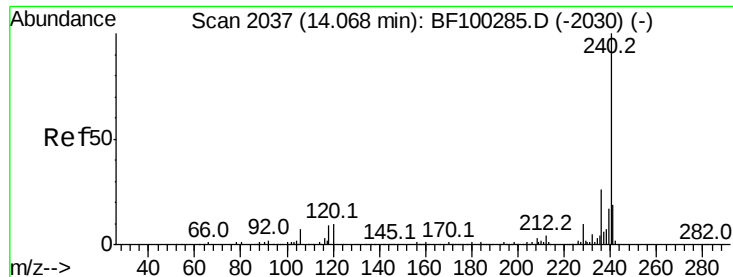


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.02 min

Lab File: BF100840.D

Acq: 22 Nov 2017 23:01

Instrument :

BNA_F

ClientSampleId :

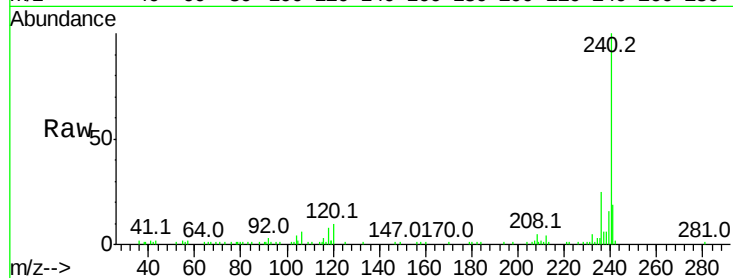
Tot Ion:240 Resp: 49785

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

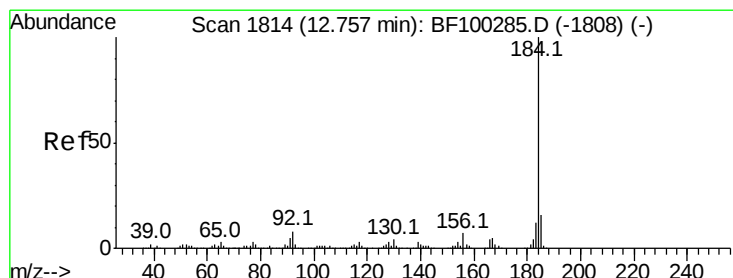
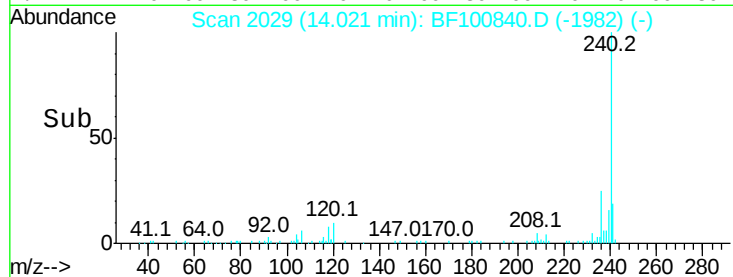
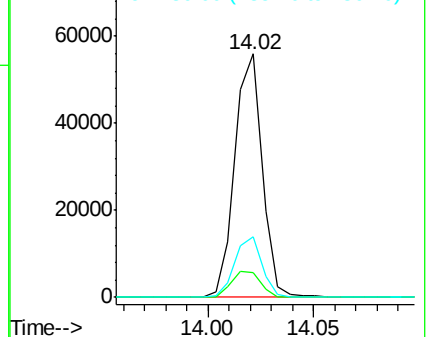
236 24.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 1.030 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.22 min

Lab File: BF100840.D

Acq: 22 Nov 2017 23:01

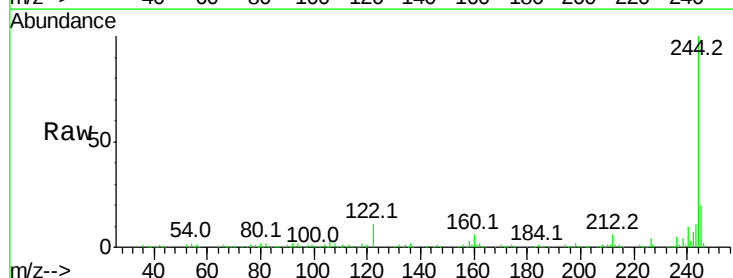
Tgt Ion:184 Resp: 2054

Ion Ratio Lower Upper

184 100

185 19.1 12.6 18.8#

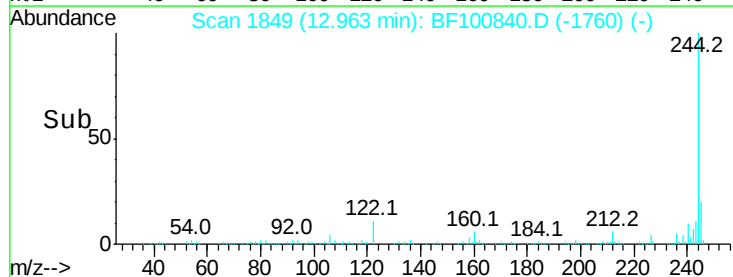
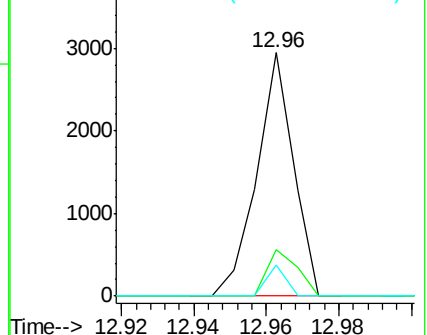
183 12.8 9.3 13.9

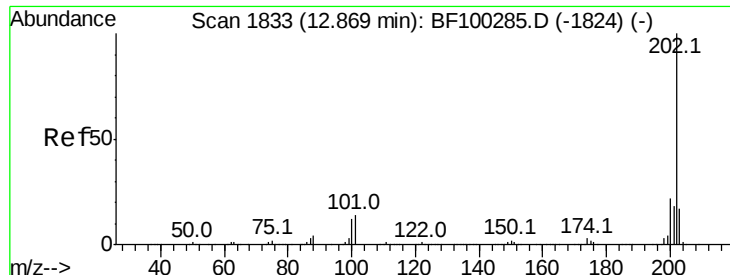


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

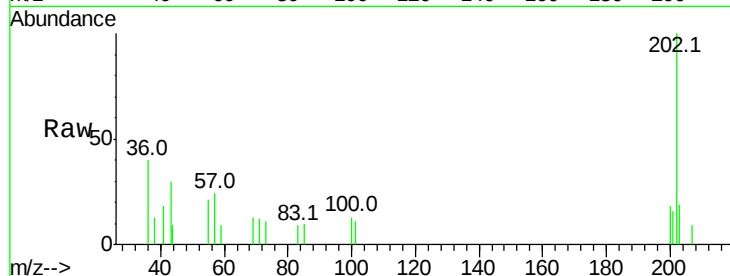




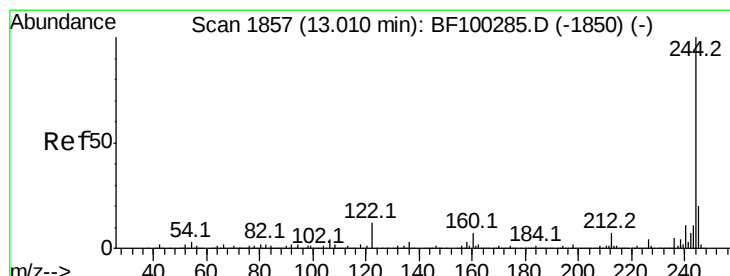
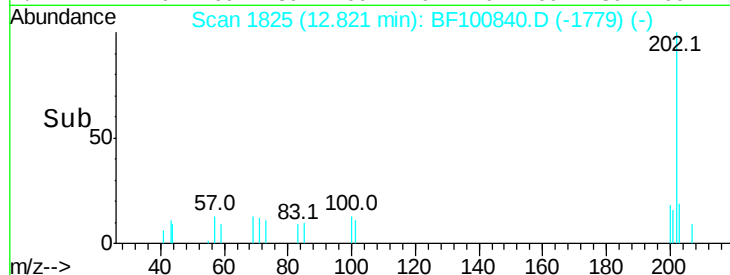
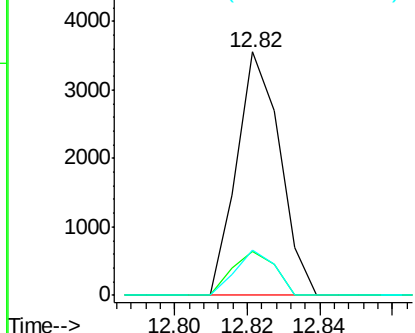
#77
 Pvrene
 Concen: 0.837 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.03 min
 Lab File: BF100840.D
 Acq: 22 Nov 2017 23:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 2970
 Ion Ratio Lower Upper
 202 100
 200 18.0 17.4 26.2
 203 18.6 14.3 21.5

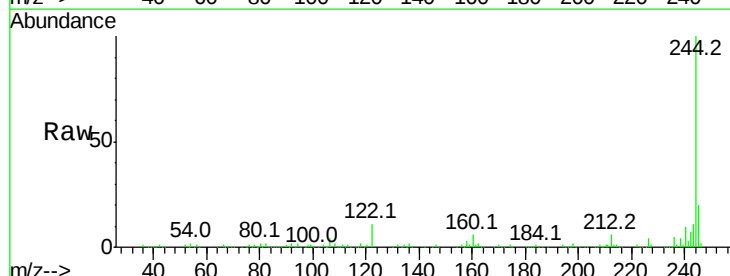


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

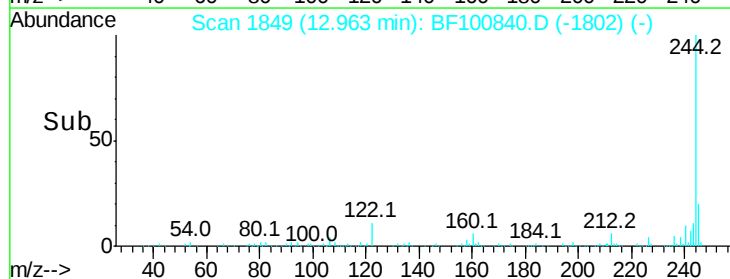
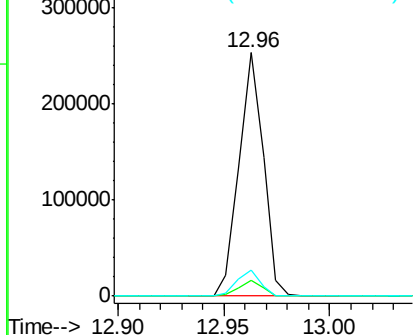


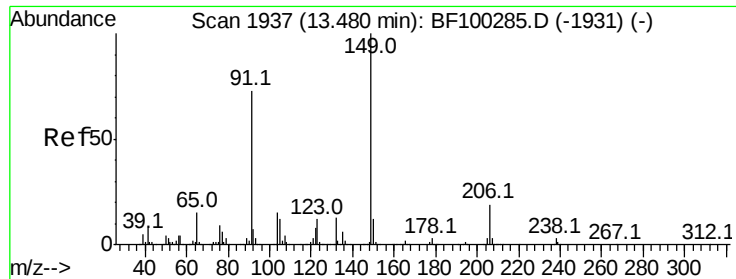
#78
 Terphenyl-d14
 Concen: 93.113 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.02 min
 Lab File: BF100840.D
 Acq: 22 Nov 2017 23:01

Tgt Ion:244 Resp: 201750
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 10.7 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

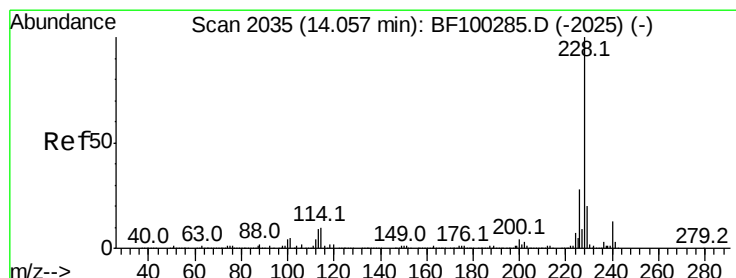
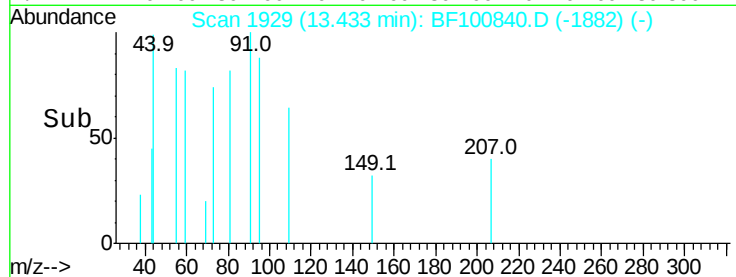
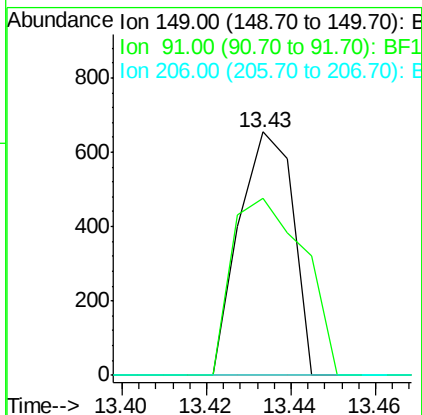
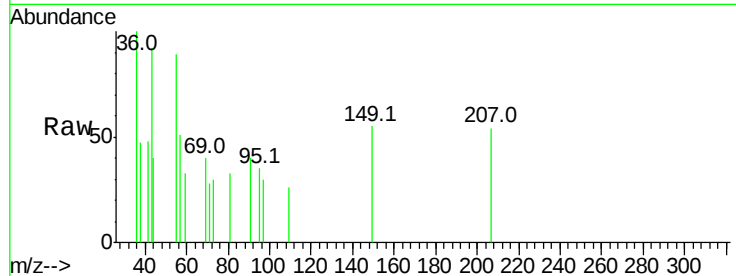




#79
Butylbenzylphthalate
Concen: 0.400 ng
RT: 13.43 min Scan# 1929
Delta R.T. -0.02 min
Lab File: BF100840.D
Acq: 22 Nov 2017 23:01

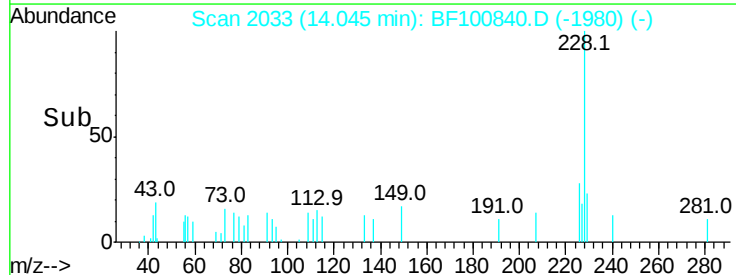
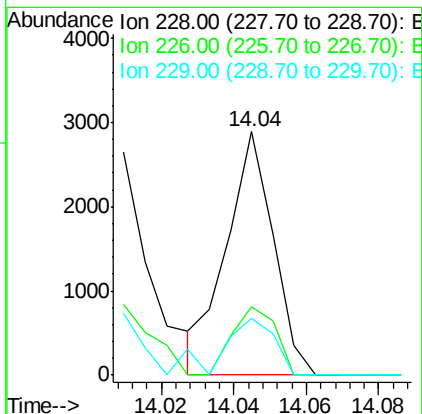
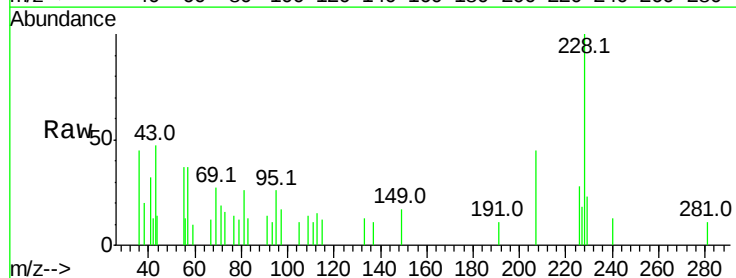
Instrument :
BNA_F
ClientSampled :

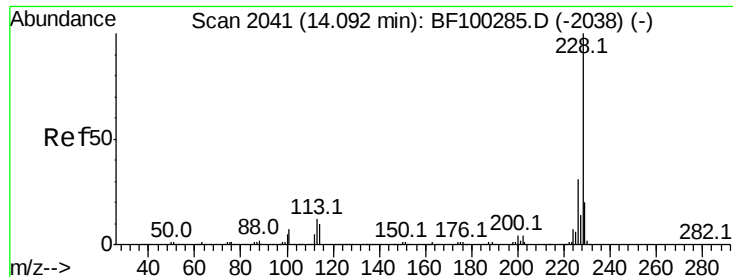
Tot Ion:149 Resp: 579
Ion Ratio Lower Upper
149 100
91 72.7 56.8 85.2
206 0.0 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 0.874 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF100840.D
Acq: 22 Nov 2017 23:01

Tgt Ion:228 Resp: 2620
Ion Ratio Lower Upper
228 100
226 28.3 22.6 33.8
229 23.1 15.8 23.6

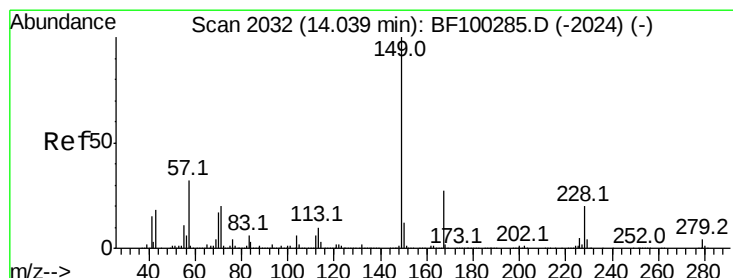
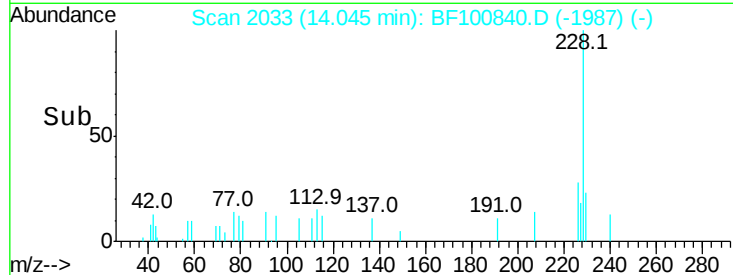
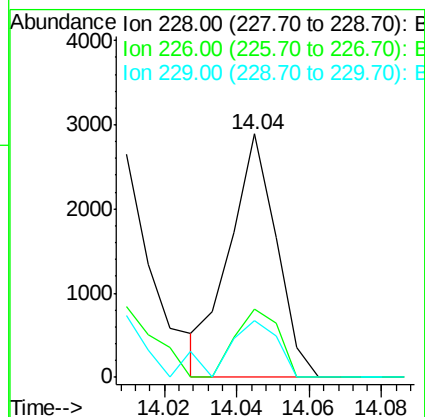
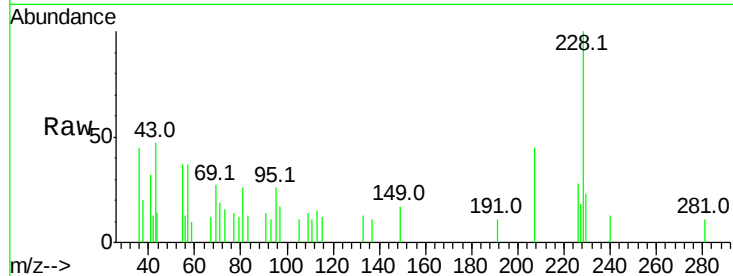




#82
 Chrysene
 Concen: 0.902 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.03 min
 Lab File: BF100840.D
 Acq: 22 Nov 2017 23:01

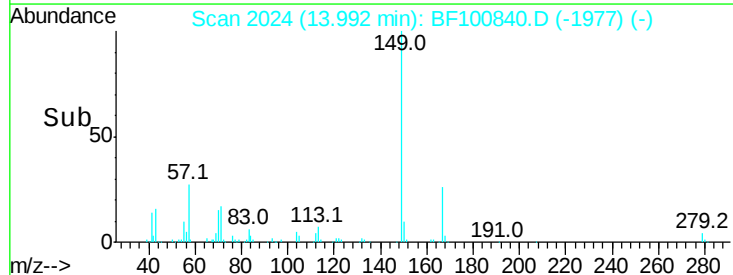
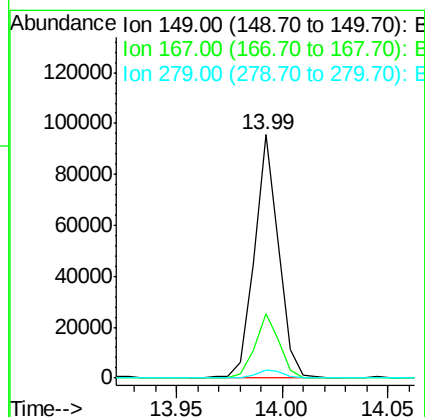
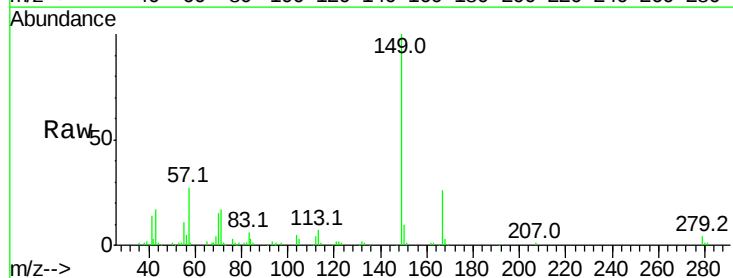
Instrument :
 BNA_F
 ClientSampleId :

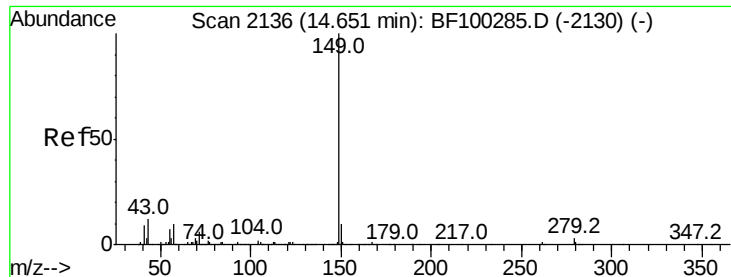
Tot Ion:228 Resp: 2620
 Ion Ratio Lower Upper
 228 100
 226 28.3 25.0 37.6
 229 23.1 16.2 24.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.117 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.02 min
 Lab File: BF100840.D
 Acq: 22 Nov 2017 23:01

Tgt Ion:149 Resp: 76363
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.3 31.9
 279 3.5 3.0 4.4

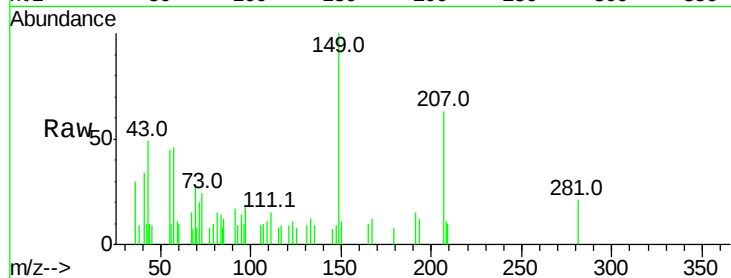




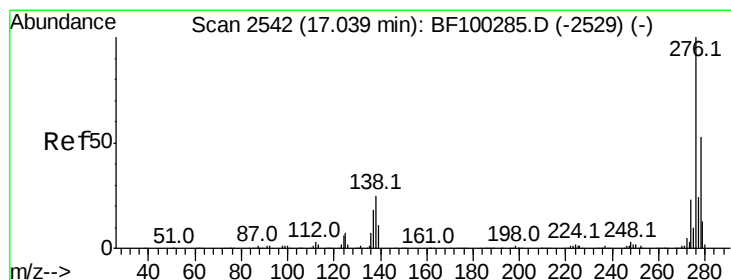
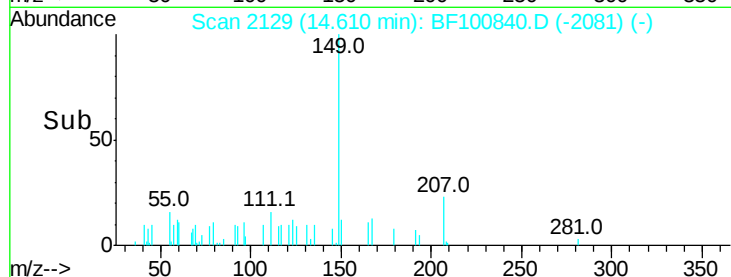
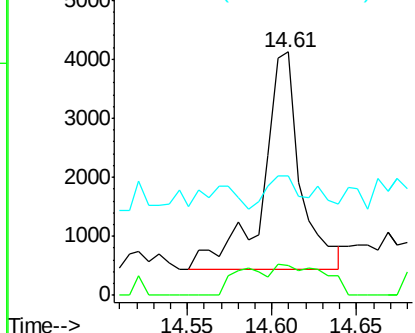
#84
Di-n-octyl phthalate
Concen: 1.755 ng
RT: 14.61 min Scan# 2129
Delta R.T. -0.02 min
Lab File: BF100840.D
Acq: 22 Nov 2017 23:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 5739
Ion Ratio Lower Upper
149 100
167 18.7 1.2 1.8#
43 12.4 8.4 12.6

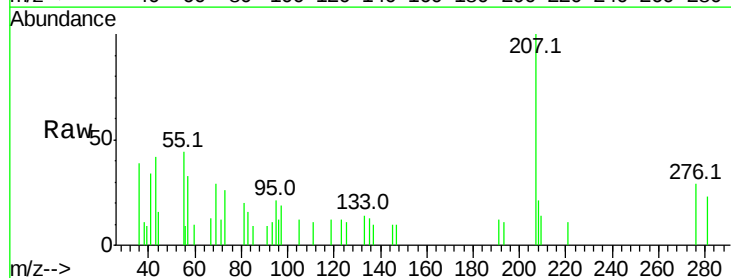


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

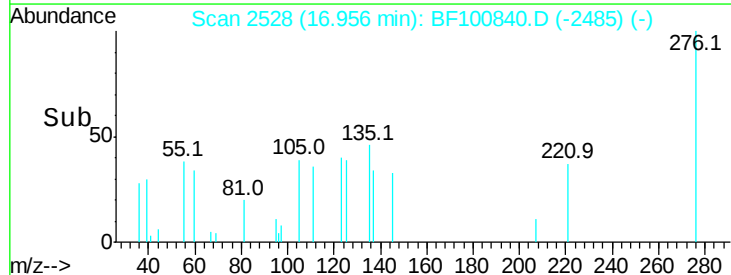
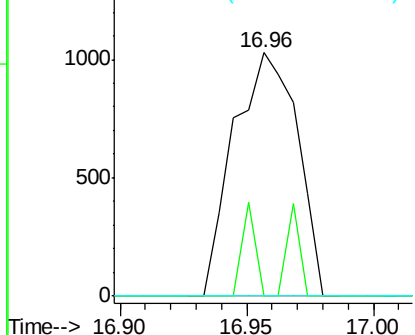


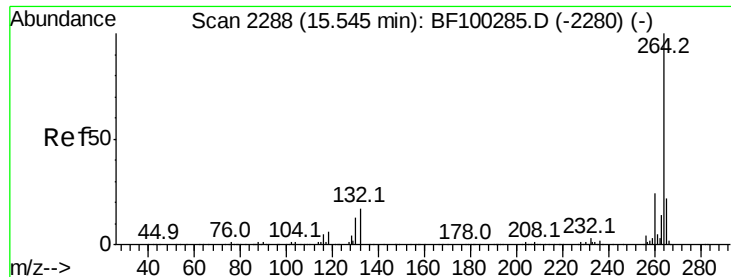
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.769 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.05 min
Lab File: BF100840.D
Acq: 22 Nov 2017 23:01

Tgt Ion:276 Resp: 1805
Ion Ratio Lower Upper
276 100
138 7.8 25.0 37.6#
277 0.0 20.1 30.1#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



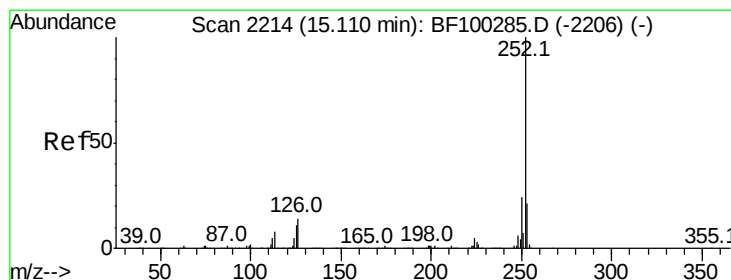
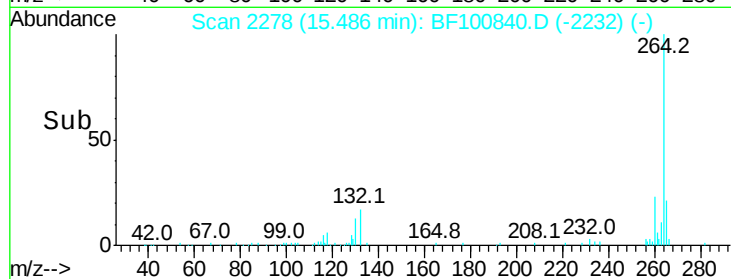
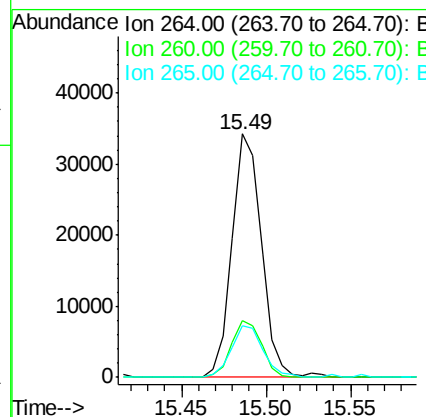
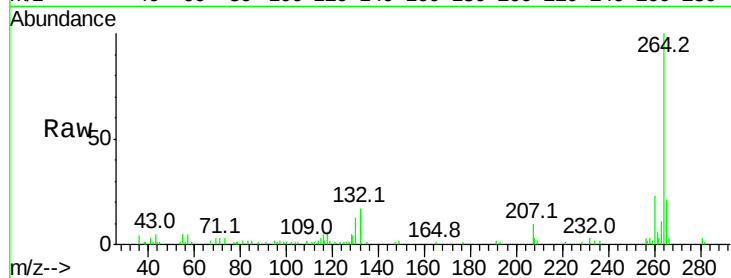


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.03 min
Lab File: BF100840.D
Acq: 22 Nov 2017 23:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 41628

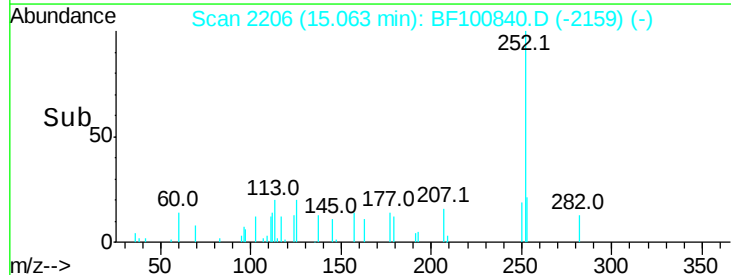
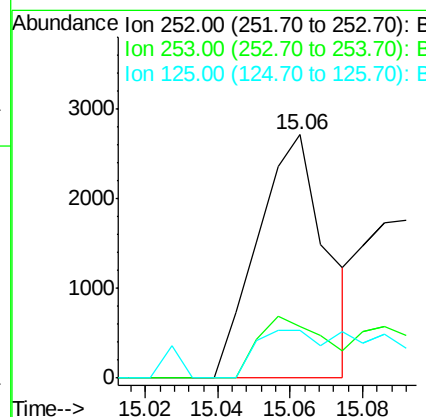
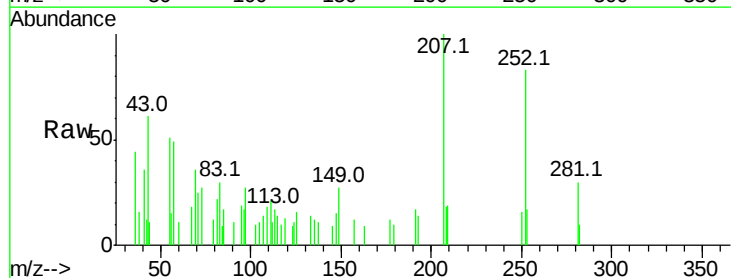
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.0	17.5	26.3

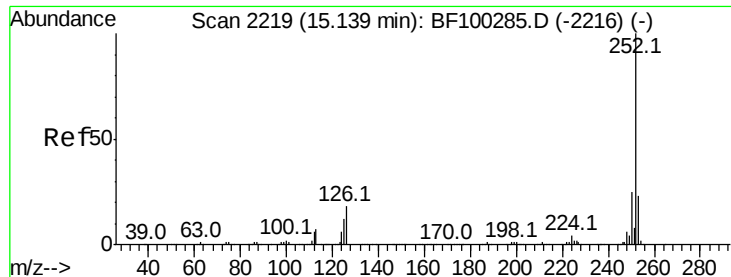


#87
Benzo(b)fluoranthene
Concen: 1.436 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF100840.D
Acq: 22 Nov 2017 23:01

Tgt Ion:252 Resp: 3542

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.0	25.6
125	19.8	9.0	13.6

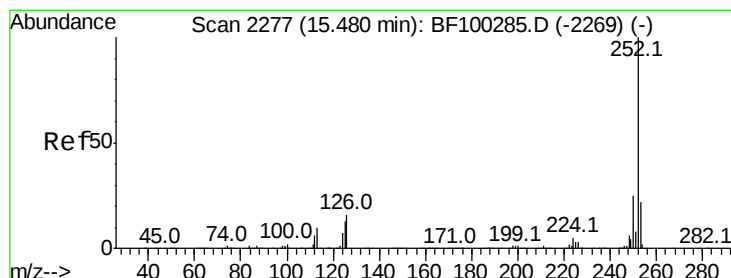
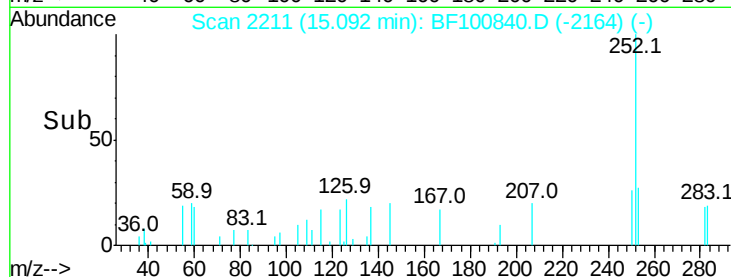
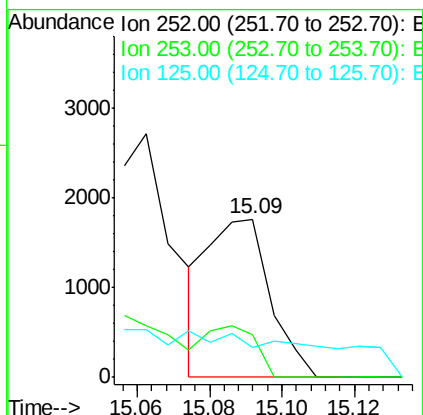
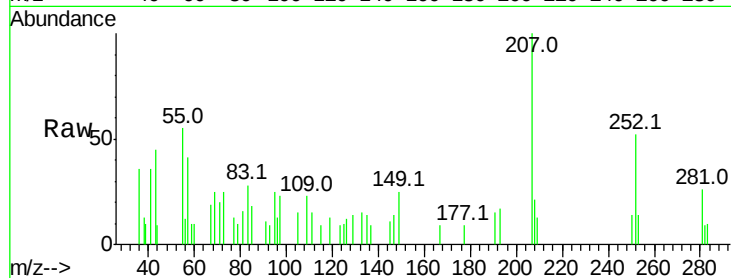




#88
Benzo(k)fluoranthene
Concen: 0.905 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.02 min
Lab File: BF100840.D
Acq: 22 Nov 2017 23:01

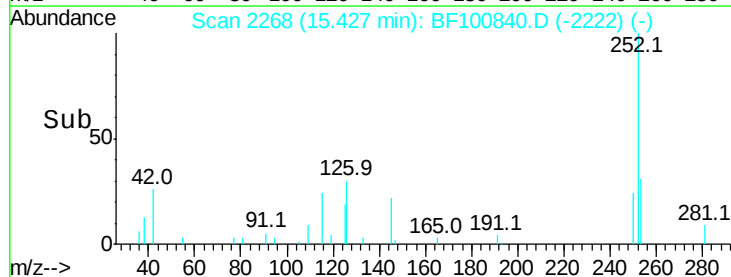
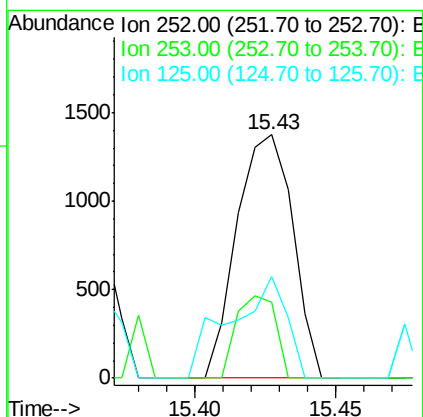
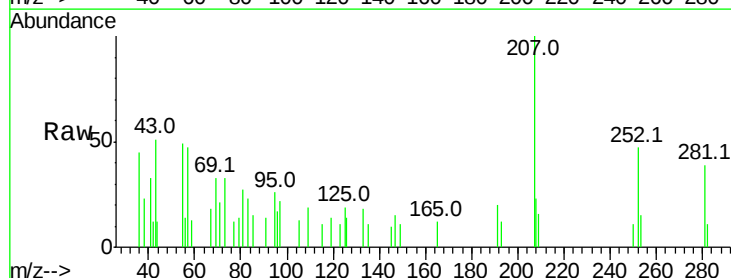
Instrument :
BNA_F
ClientSampleId :

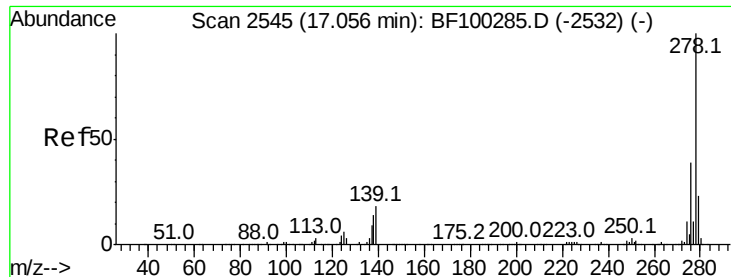
Tot Ion:252 Resp: 2108
Ion Ratio Lower Upper
252 100
253 26.7 17.9 26.9
125 19.3 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 0.864 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.03 min
Lab File: BF100840.D
Acq: 22 Nov 2017 23:01

Tgt Ion:252 Resp: 1890
Ion Ratio Lower Upper
252 100
253 31.1 17.1 25.7#
125 41.5 9.8 14.6#





#90

Dibenzo(a,h)anthracene

Concen: 0.545 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.05 min

Lab File: BF100840.D

Acq: 22 Nov 2017 23:01

Instrument :

BNA_F

ClientSampleId :

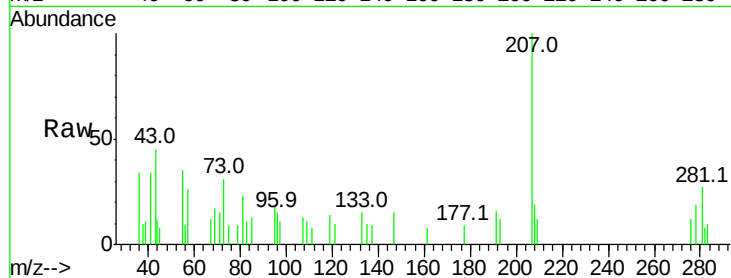
Tot Ion:278 Resp: 974

Ion Ratio Lower Upper

278 100

139 0.0 15.9 23.9#

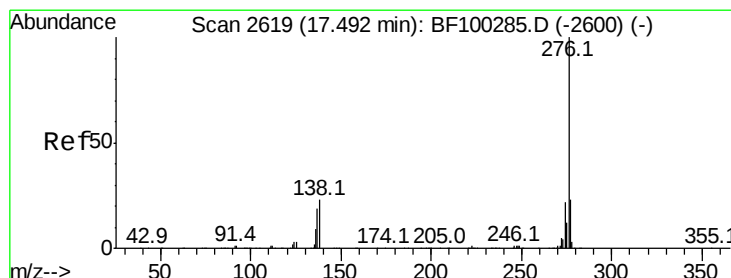
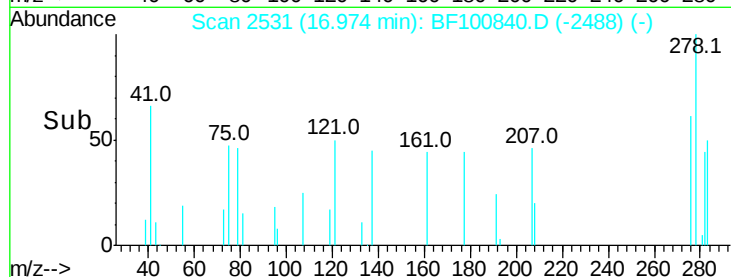
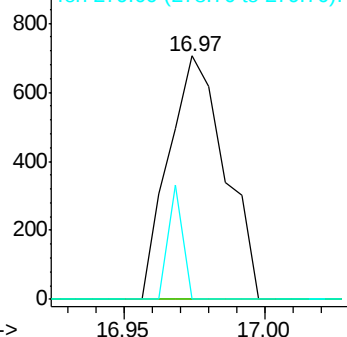
279 0.0 19.0 28.4#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 0.896 ng

RT: 17.40 min Scan# 2604

Delta R.T. -0.05 min

Lab File: BF100840.D

Acq: 22 Nov 2017 23:01

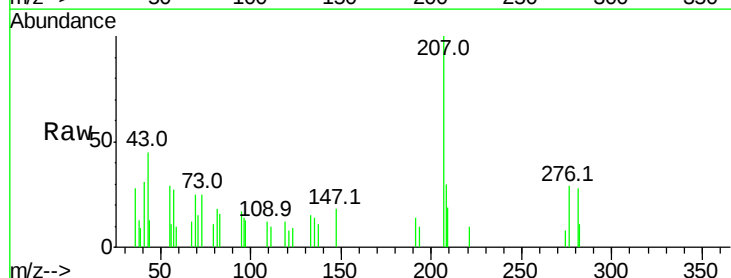
Tgt Ion:276 Resp: 1569

Ion Ratio Lower Upper

276 100

277 0.0 17.9 26.9#

138 0.0 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

