

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100837.D
 Acq On : 22 Nov 2017 21:41
 Operator : SJ/JU
 Sample : I6043-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 23:39:21 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	86583	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	344470	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	162444	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	306157	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	171814	20.00	ng	-0.02
86) Perylene-d12	15.49	264	178635	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	495122	91.67	ng	-0.01
7) Phenol-d6	6.49	99	622377	93.44	ng	-0.02
23) Nitrobenzene-d5	7.42	82	386063	74.10	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	173647	104.90	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	719946	67.49	ng	-0.02
78) Terphenyl-d14	12.97	244	602298	80.55	ng	-0.02

Target Compounds

						Qvalue
6) Aniline	6.50	93	250	0.027	ng	# 1
9) Benzaldehyde	6.63	77	11373	2.391	ng	85
10) Phenol	6.50	94	17596	2.517	ng	91
11) bis(2-Chloroethyl)ether	6.63	93	552	0.094	ng	# 1
15) Benzyl Alcohol	7.02	79	5985	1.151	ng	# 37
17) 2-Methylphenol	6.97	107	228	0.047	ng	# 1
19) n-Nitroso-di-n-propylamine	7.42	70	50862	11.011	ng	# 81
20) 3+4-Methylphenols	7.30	107	2183	0.353	ng	# 37
22) Acetophenone	7.27	105	1372	0.163	ng	# 75
24) Nitrobenzene	7.42	77	1302	0.243	ng	# 38
25) Isophorone	7.42	82	386057	35.260	ng	# 64
31) Naphthalene	8.16	128	125	0.008	ng	# 68
36) 4-Chloro-3-methylphenol	8.69	107	1100	0.219	ng	# 20
45) 1,1'-Biphenyl	9.32	154	2011	0.143	ng	97
47) 2-Nitroaniline	9.60	65	318	2.883	ng	# 1
49) Dimethylphthalate	9.60	163	46581	3.756	ng	97
50) 2,6-Dinitrotoluene	9.90	165	20163	8.213	ng	# 25
51) Acenaphthene	9.89	154	503	0.049	ng	# 4
56) 2,4-Dinitrotoluene	9.90	165	20163	6.510	ng	# 23
57) Fluorene	10.69	166	7992	0.758	ng	# 93
59) Diethylphthalate	10.31	149	14355	1.157	ng	95
60) 4-Chlorophenyl-phenylether	10.53	204	152	0.029	ng	# 24
62) Azobenzene	10.61	77	104008	8.897	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.69	198	361	8.762	ng	# 11
65) n-Nitrosodiphenylamine	10.69	169	5085	0.478	ng	# 50
66) 4-Bromophenyl-phenylether	10.69	248	11112	3.386	ng	# 1
70) Phenanthrene	11.40	178	437	0.027	ng	# 59
71) Anthracene	11.40	178	437	0.027	ng	# 60
72) Carbazole	11.61	167	228	0.015	ng	# 59
73) Di-n-butylphthalate	11.93	149	4075	0.231	ng	# 91
74) Fluoranthene	12.59	202	619	0.036	ng	62
76) Benzidine	12.97	184	7050	1.025	ng	# 93
77) Pyrene	12.83	202	585	0.048	ng	# 57
79) Butylbenzylphthalate	13.43	149	814	0.163	ng	# 89

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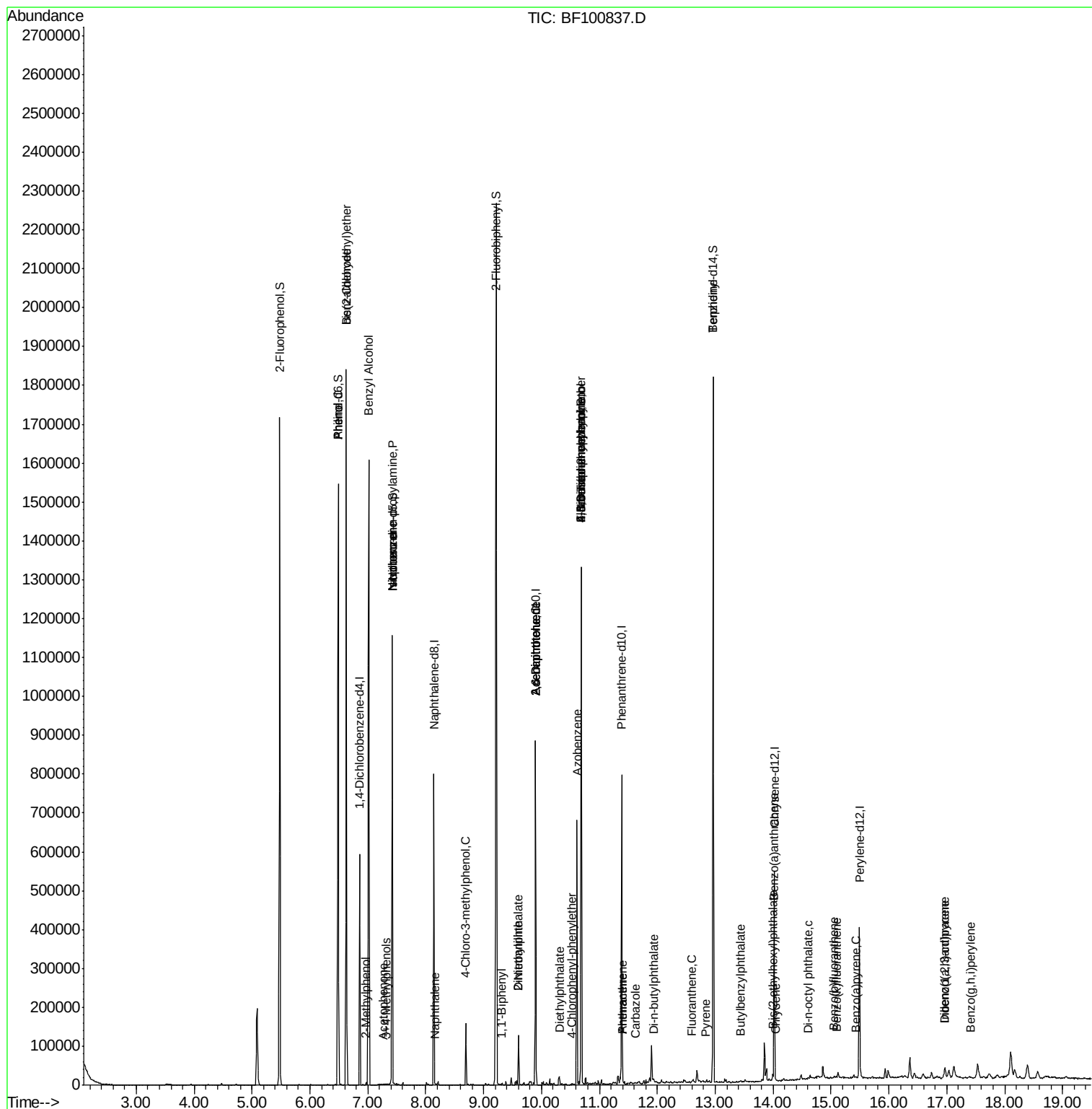
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Benzo(a)anthracene	14.01	228	1951	0.189	ng	# 82
82) Chrysene	14.04	228	1213	0.121	ng	94
83) Bis(2-ethylhexyl)phthalate	13.99	149	5263	0.801	ng	# 89
84) Di-n-octyl phthalate	14.60	149	2714	0.240	ng	# 68
85) Indeno(1,2,3-cd)pyrene	16.96	276	1795	0.221	ng	# 73
87) Benzo(b)fluoranthene	15.06	252	2309	0.218	ng	# 72
88) Benzo(k)fluoranthene	15.09	252	1900	0.190	ng	# 78
89) Benzo(a)pyrene	15.43	252	1480	0.158	ng	# 79
90) Dibenzo(a,h)anthracene	16.97	278	1111	0.145	ng	# 54
91) Benzo(a,h,i)perylene	17.40	276	1387	0.185	ng	# 50

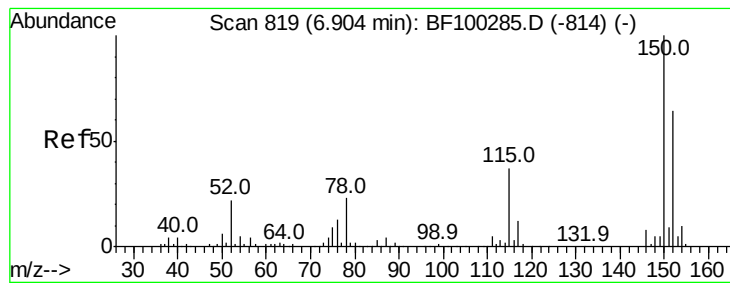
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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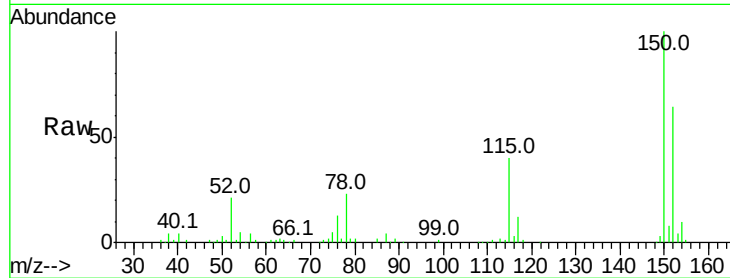


#1

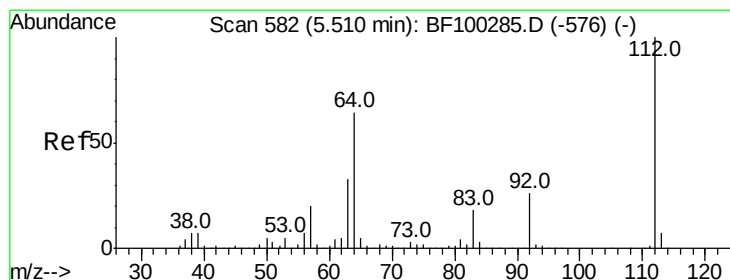
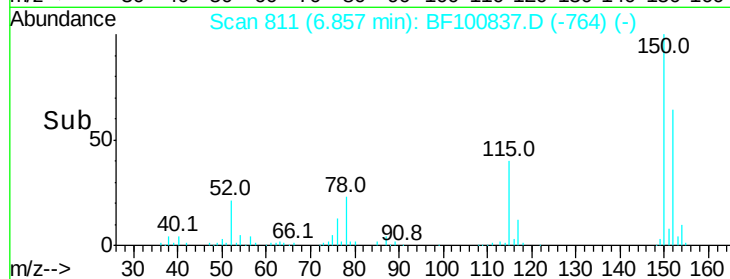
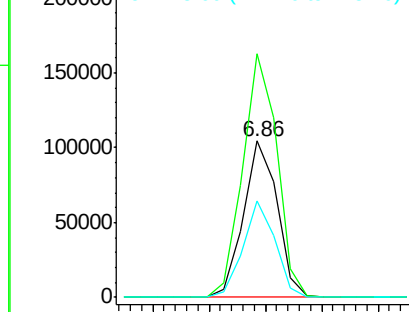
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100837.D
Acq: 22 Nov 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 86583
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 61.7 50.1 75.1



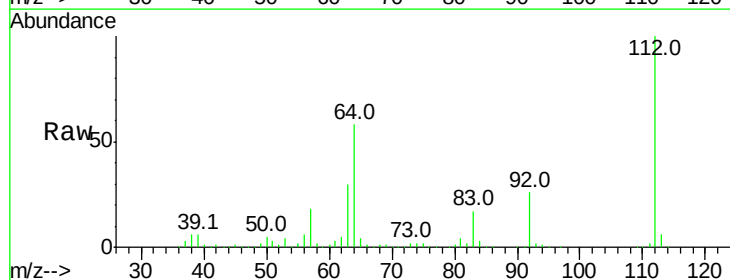
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



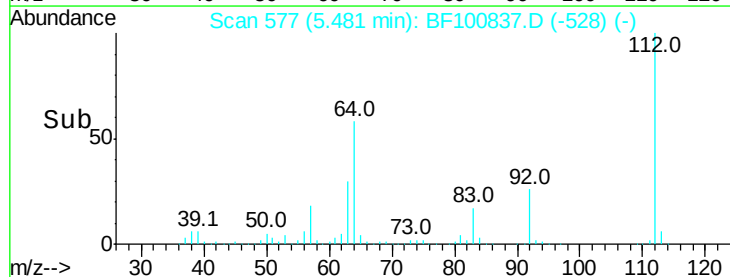
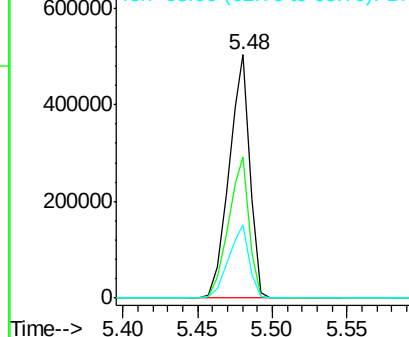
#5

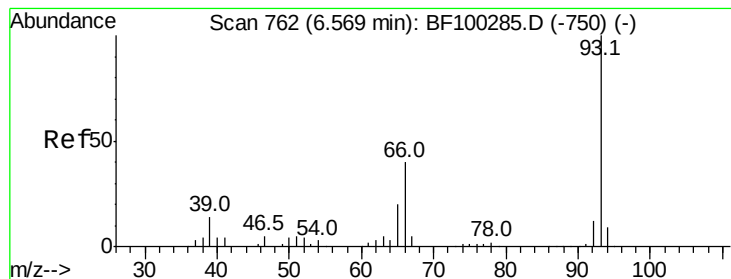
2-Fluorophenol
Concen: 91.666 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF100837.D
Acq: 22 Nov 2017 21:41

Tgt Ion:112 Resp: 495122
Ion Ratio Lower Upper
112 100
64 57.9 47.9 71.9
63 30.0 23.7 35.5



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





#6

Aniline

Concen: 0.027 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.05 min

Lab File: BF100837.D

Acq: 22 Nov 2017 21:41

Instrument :

BNA_F

ClientSampled :

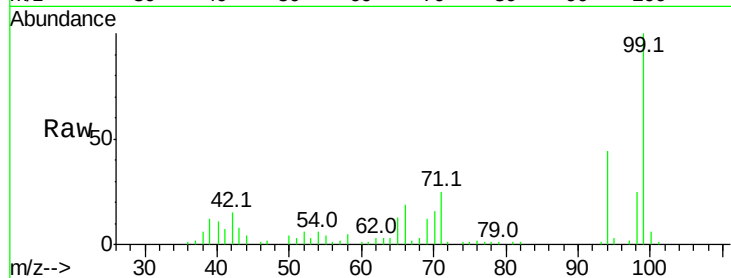
Tot Ion: 93 Resp: 250

Ion Ratio Lower Upper

93 100

66 1800.6 32.2 48.2#

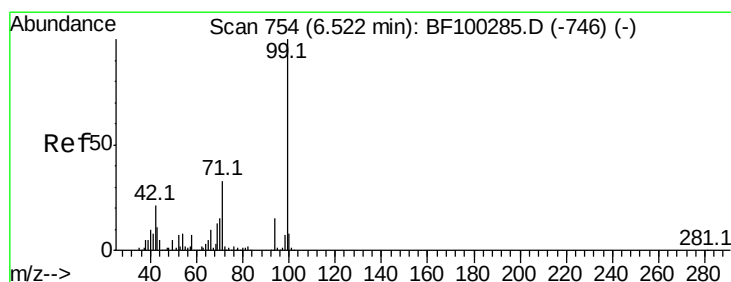
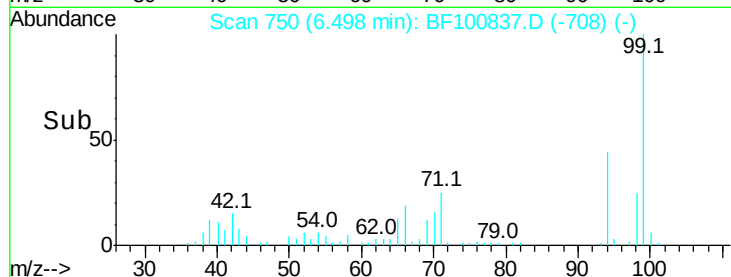
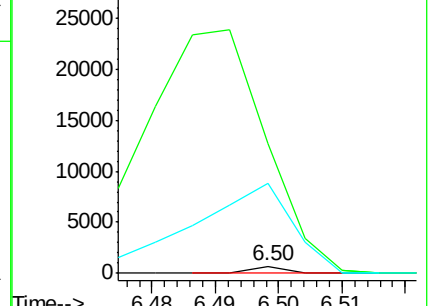
65 1251.6 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 93.442 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF100837.D

Acq: 22 Nov 2017 21:41

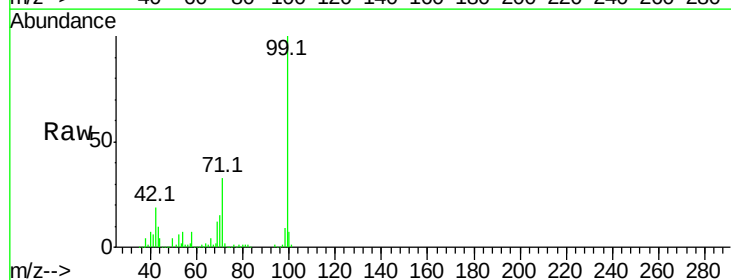
Tgt Ion: 99 Resp: 622377

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

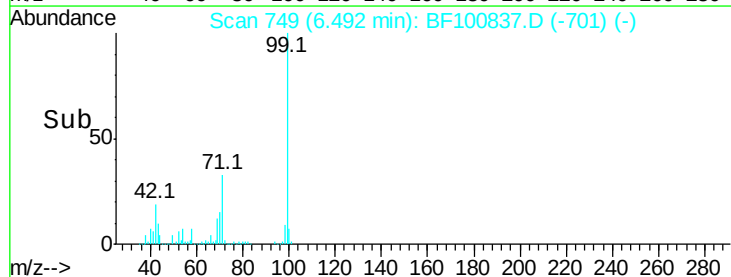
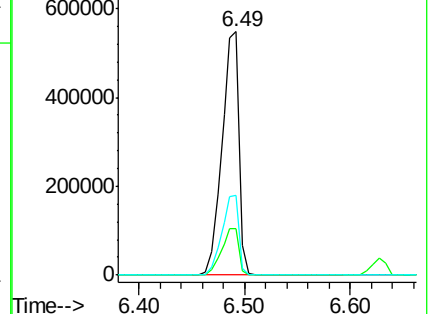
71 32.6 25.4 38.0

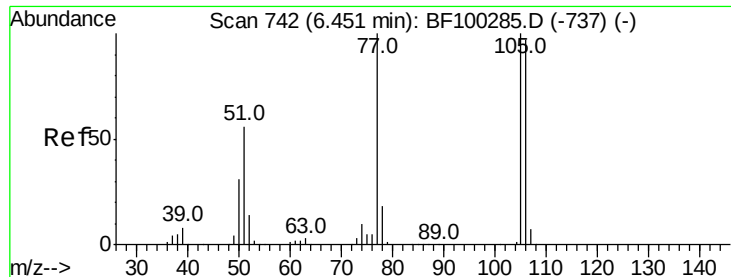


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#9

Benzaldehyde

Concen: 2.391 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.19 min

Lab File: BF100837.D

Acq: 22 Nov 2017 21:41

Instrument :

BNA_F

ClientSampleId :

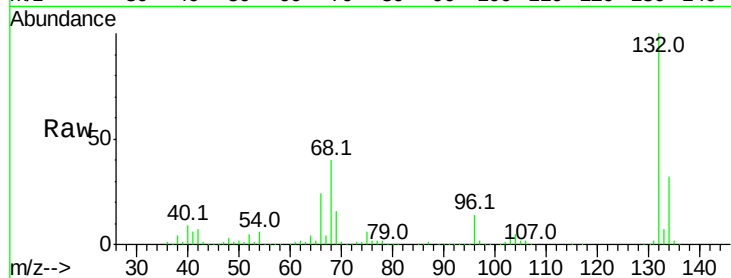
Tot Ion: 77 Resp: 11373

Ion Ratio Lower Upper

77 100

105 83.4 81.1 121.1

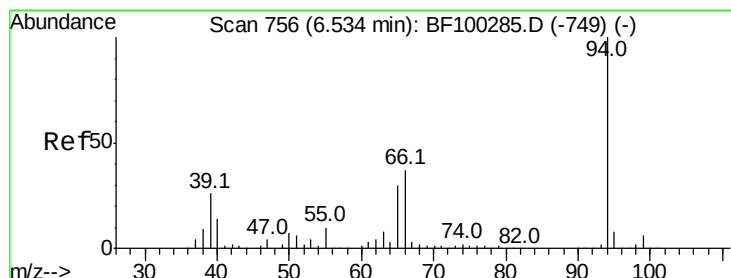
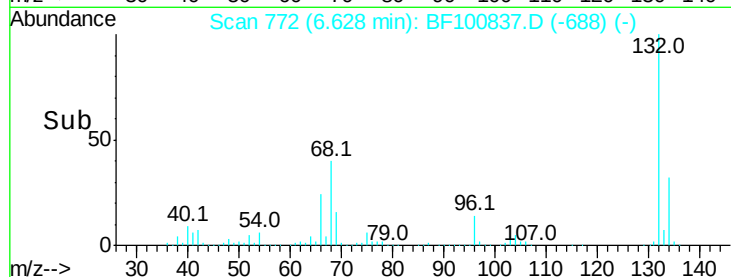
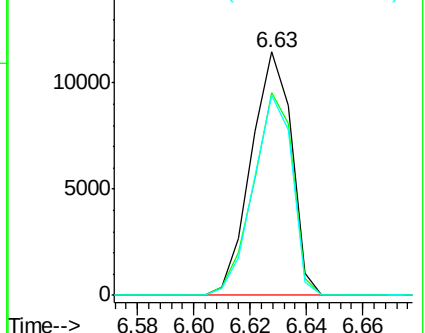
106 82.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 2.517 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF100837.D

Acq: 22 Nov 2017 21:41

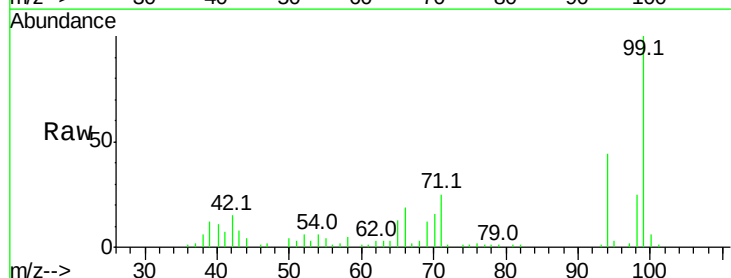
Tgt Ion: 94 Resp: 17596

Ion Ratio Lower Upper

94 100

65 30.3 7.9 47.9

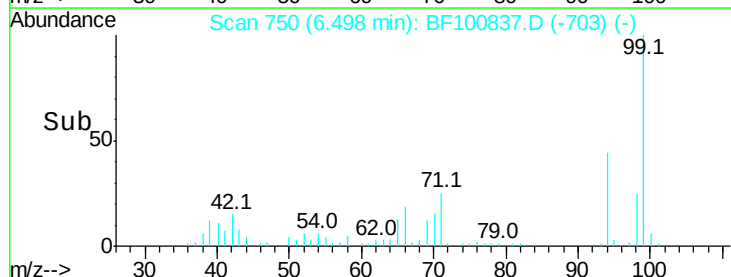
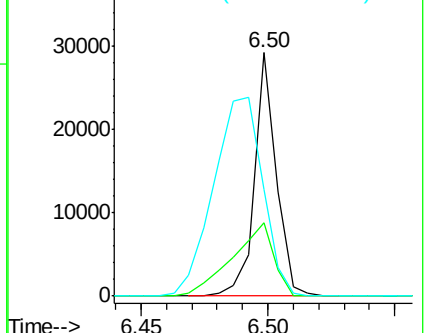
66 43.6 16.2 56.2

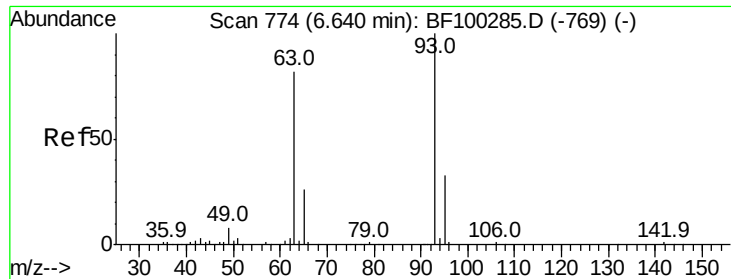


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 0.094 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.01 min

Lab File: BF100837.D

Acq: 22 Nov 2017 21:41

Instrument :

BNA_F

ClientSampleId :

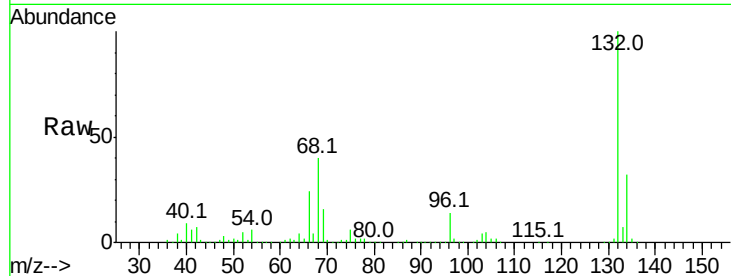
Tot Ion: 93 Resp: 552

Ion Ratio Lower Upper

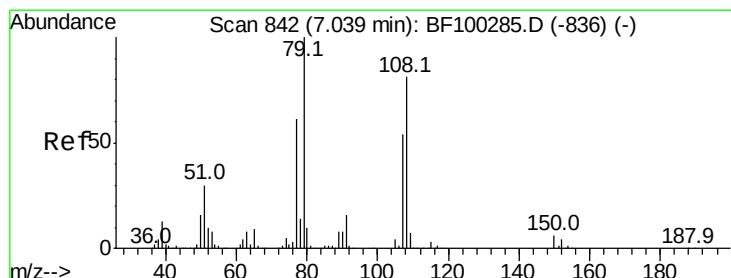
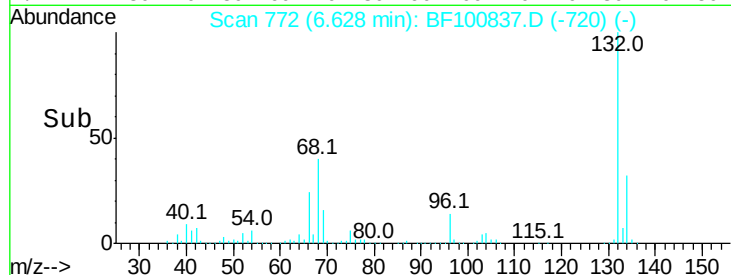
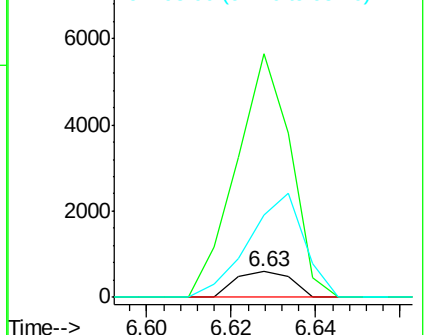
93 100

63 952.1 58.6 98.6#

95 324.3 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



#15

Benzyl Alcohol

Concen: 1.151 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF100837.D

Acq: 22 Nov 2017 21:41

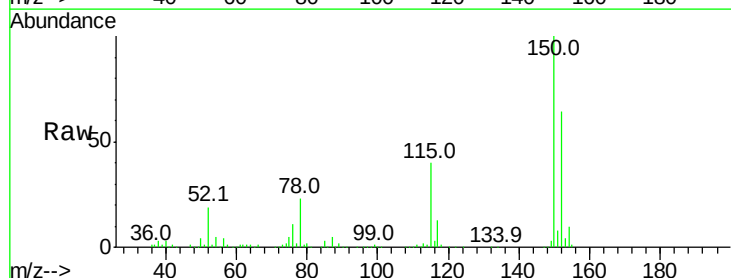
Tgt Ion: 79 Resp: 5985

Ion Ratio Lower Upper

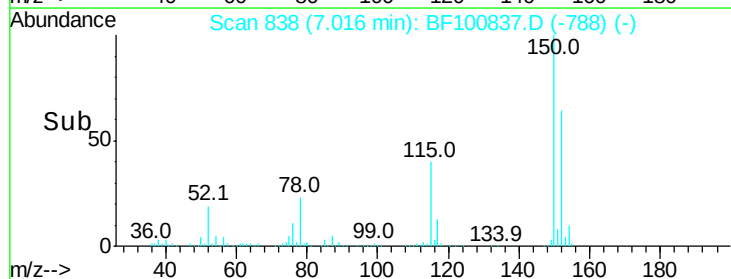
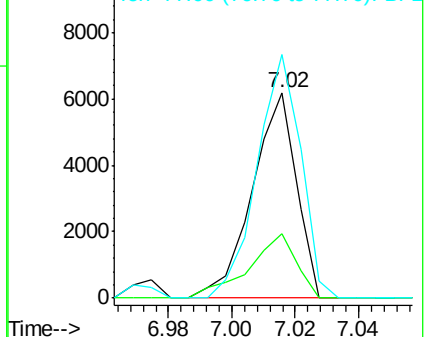
79 100

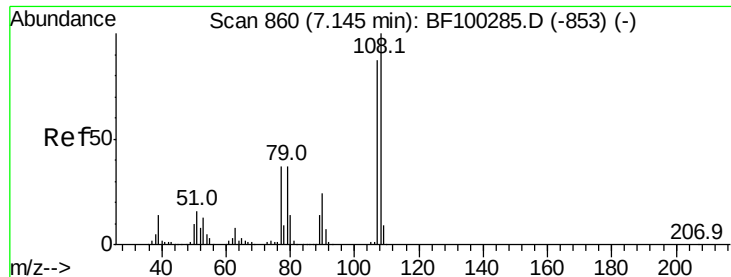
108 31.3 65.1 97.7#

77 118.6 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





#17

2-Methylphenol

Concen: 0.047 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.16 min

Lab File: BF100837.D

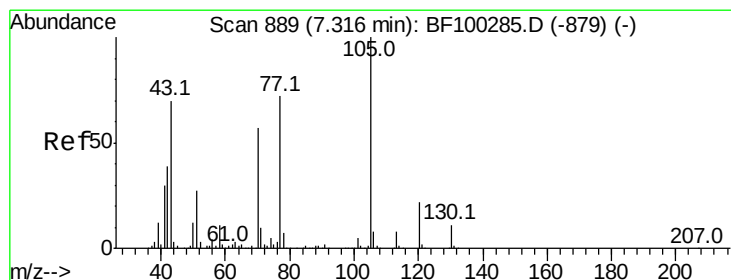
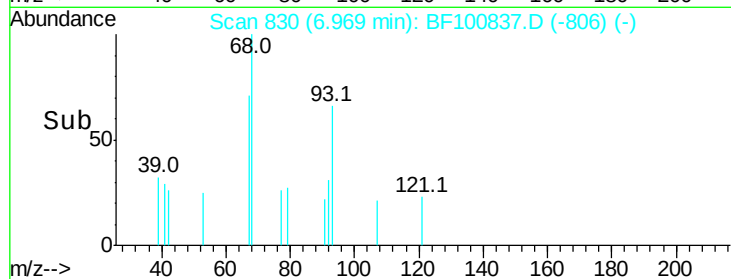
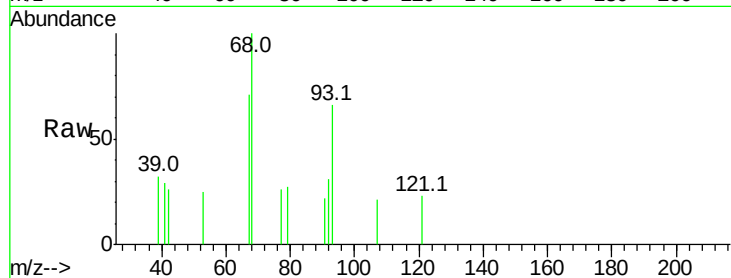
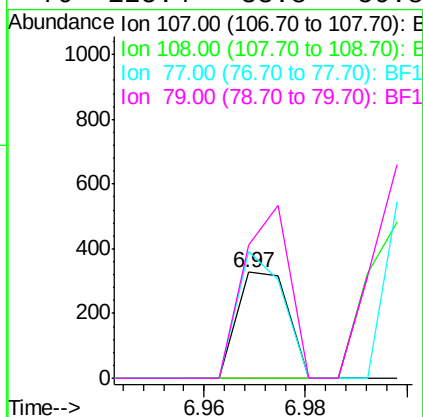
Acq: 22 Nov 2017 21:41

Instrument :

BNA_F

ClientSampled :

Tot Ion:	107	Resp:	228
Ion	Ratio	Lower	Upper
107	100		
108	0.0	91.7	137.5#
77	119.3	33.8	50.8#
79	125.4	33.8	50.8#



#19

n-Nitroso-di-n-propylamine

Concen: 11.011 ng

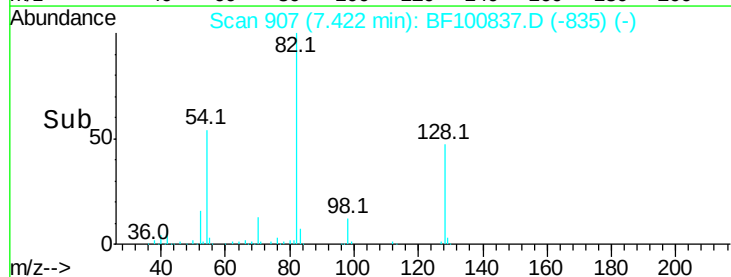
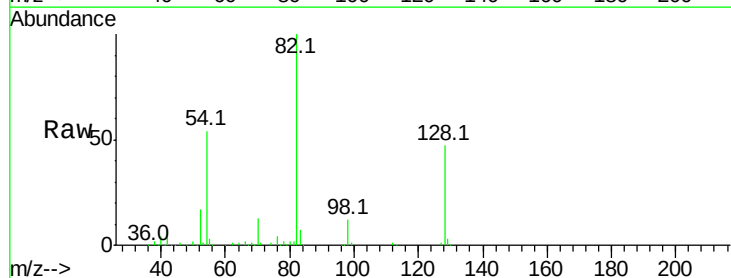
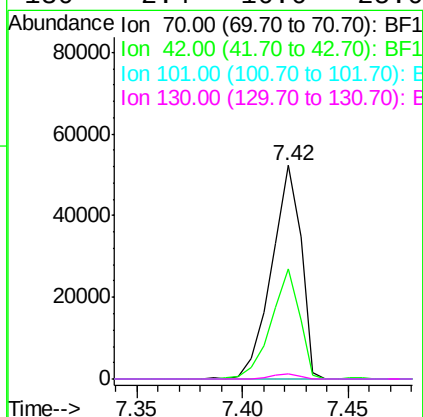
RT: 7.42 min Scan# 907

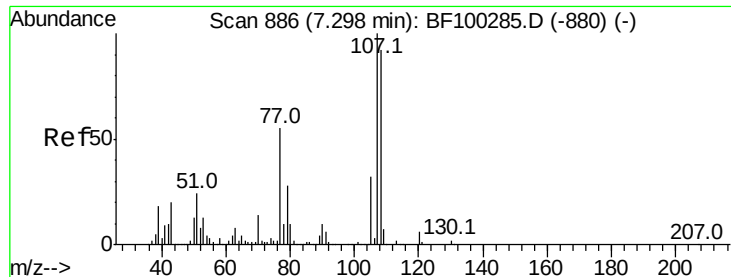
Delta R.T. 0.12 min

Lab File: BF100837.D

Acq: 22 Nov 2017 21:41

Tgt Ion:	70	Resp:	50862
Ion	Ratio	Lower	Upper
70	100		
42	51.7	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#





#20

3+4-Methylphenols

Concen: 0.353 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.02 min

Lab File: BF100837.D

Acq: 22 Nov 2017 21:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 2183

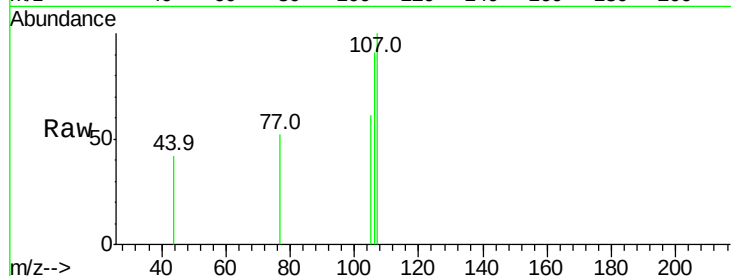
Ion Ratio Lower Upper

107 100

108 0.0 68.2 108.2#

77 52.4 26.7 66.7

79 0.0 6.3 46.3#

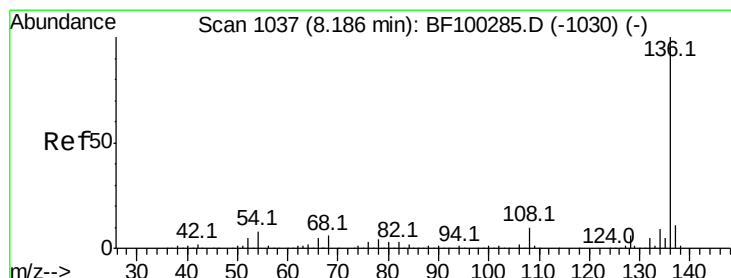
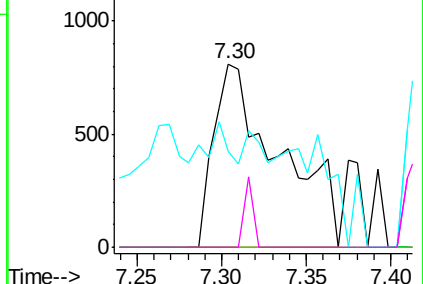
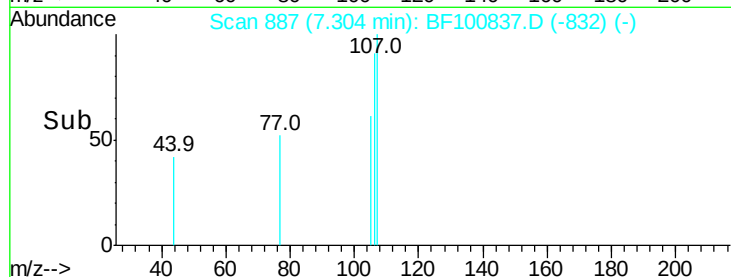


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BF100837.D

Acq: 22 Nov 2017 21:41

Tgt Ion:136 Resp: 344470

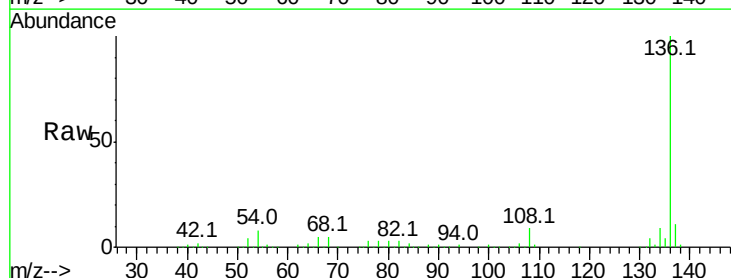
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.7 6.6 9.8

68 5.2 5.0 7.4

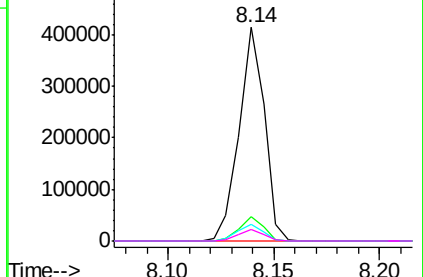
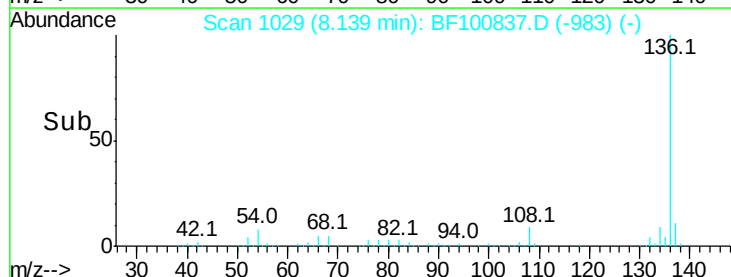


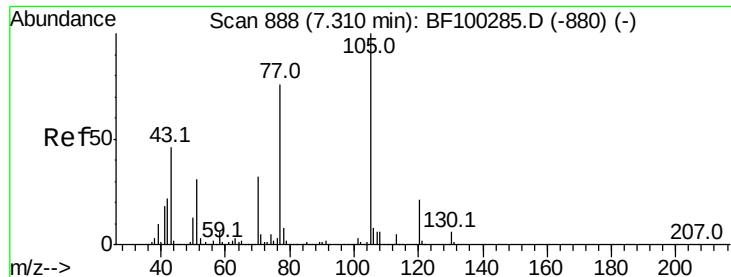
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 0.163 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.02 min

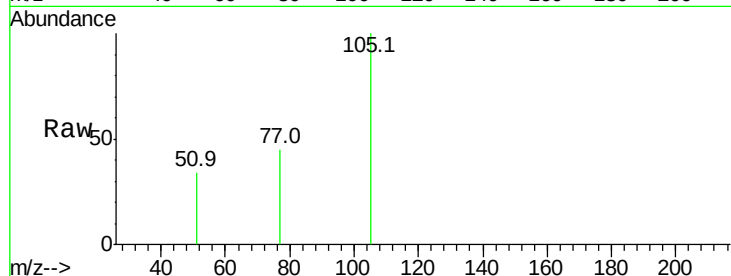
Lab File: BF100837.D

Acq: 22 Nov 2017 21:41

Instrument :

BNA_F

ClientSampleId :



Tot Ion:105 Resp: 1372

Ion Ratio Lower Upper

105 100

71 0.0 4.4 6.6#

51 34.0 22.3 33.5#

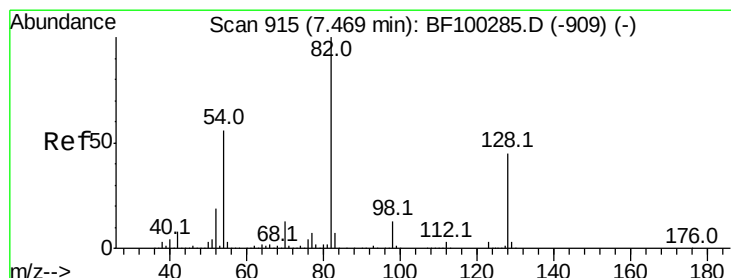
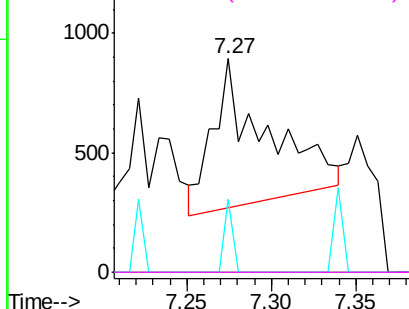
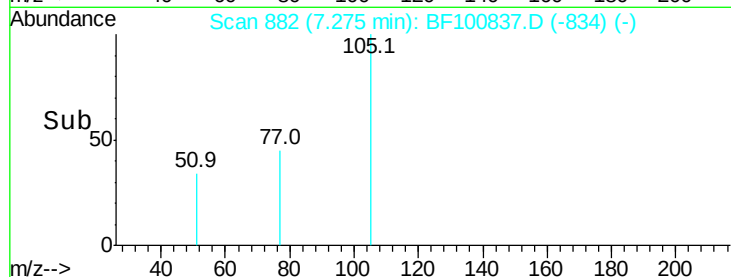
120 0.0 16.9 25.3#

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: 74.096 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.03 min

Lab File: BF100837.D

Acq: 22 Nov 2017 21:41

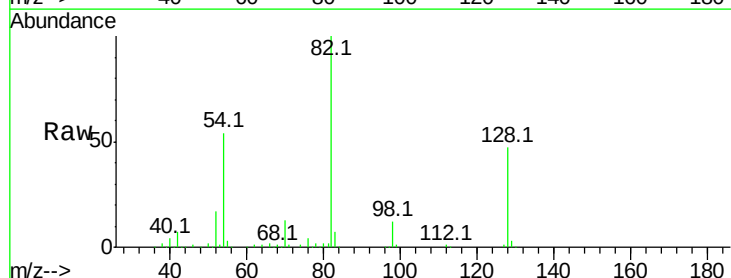
Tgt Ion: 82 Resp: 386063

Ion Ratio Lower Upper

82 100

128 47.4 36.1 54.1

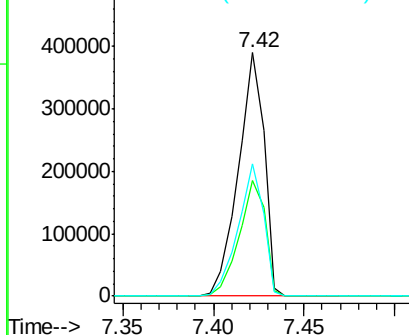
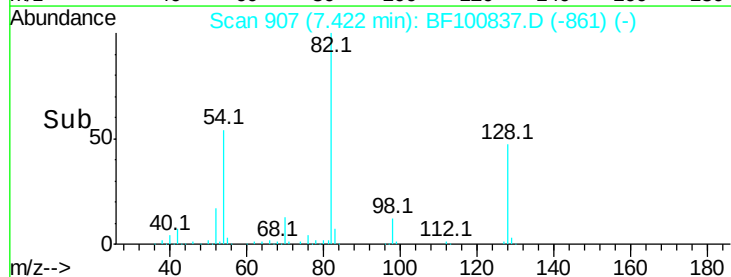
54 54.2 41.4 62.2

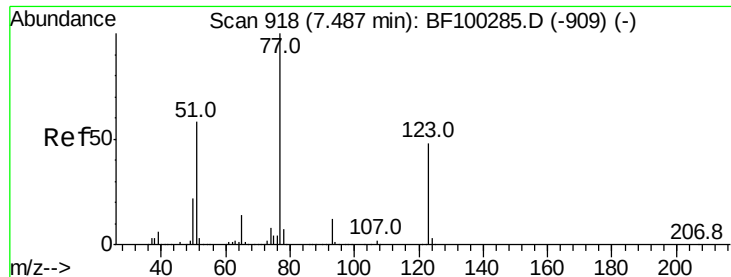


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

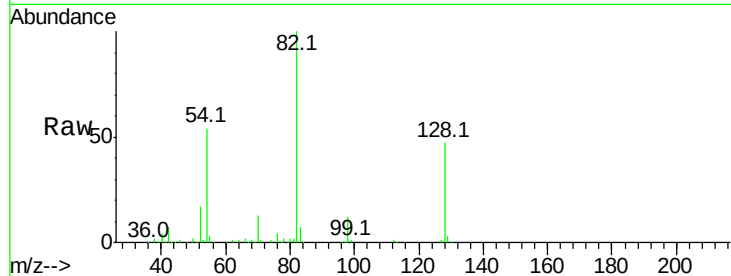




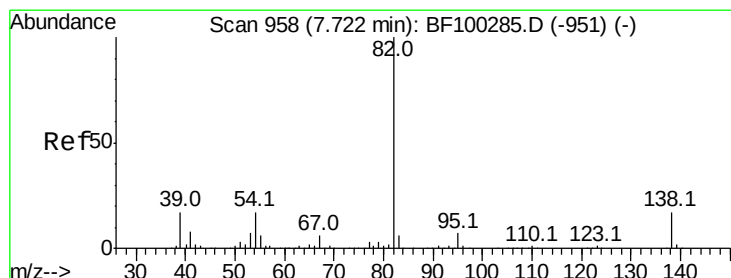
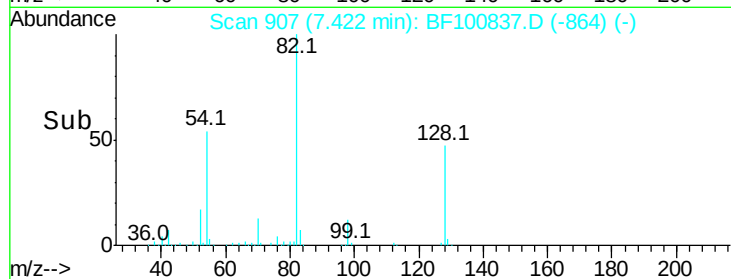
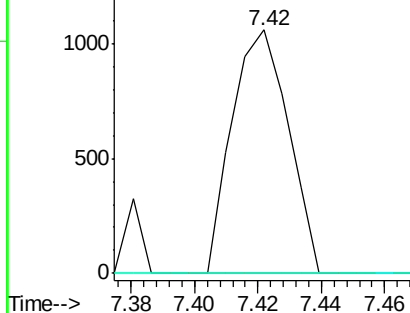
#24
Nitrobenzene
Concen: 0.243 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.05 min
Lab File: BF100837.D
Acq: 22 Nov 2017 21:41

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 1302
Ion Ratio Lower Upper
77 100
123 0.0 37.9 56.9#
65 0.0 11.0 16.4#

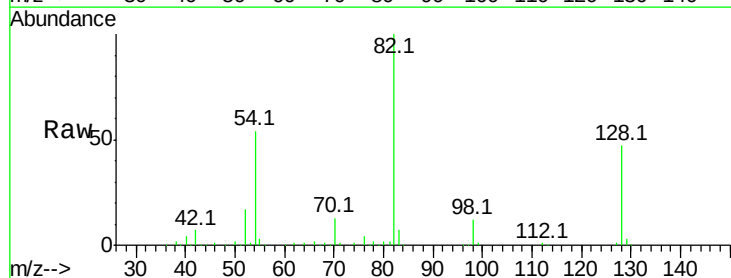


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

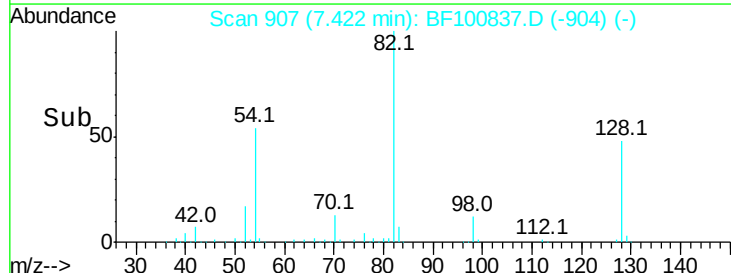
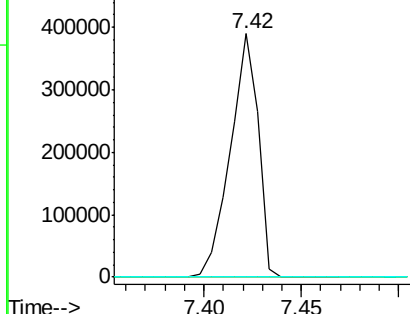


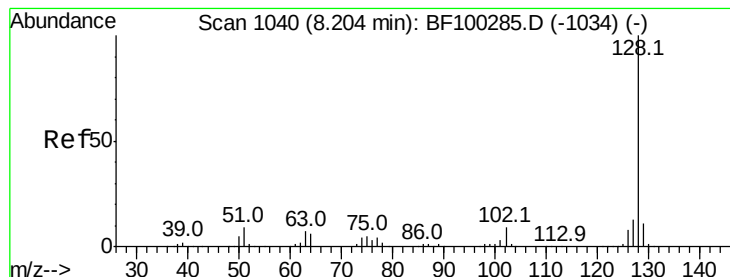
#25
Isophorone
Concen: 35.260 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.28 min
Lab File: BF100837.D
Acq: 22 Nov 2017 21:41

Tgt Ion: 82 Resp: 386057
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: 0.008 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF100837.D

Acq: 22 Nov 2017 21:41

Instrument :

BNA_F

ClientSampleId :

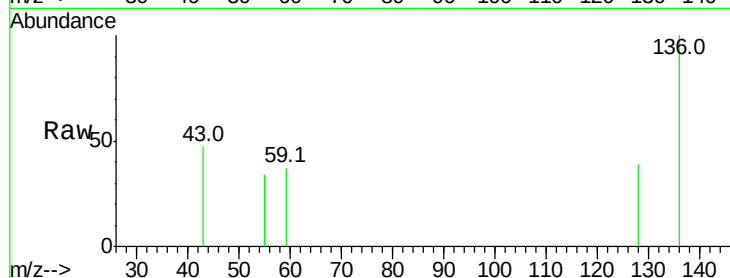
Tot Ion:128 Resp: 125

Ion Ratio Lower Upper

128 100

129 0.0 8.8 13.2#

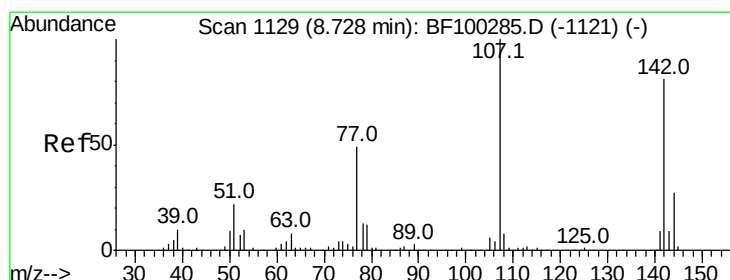
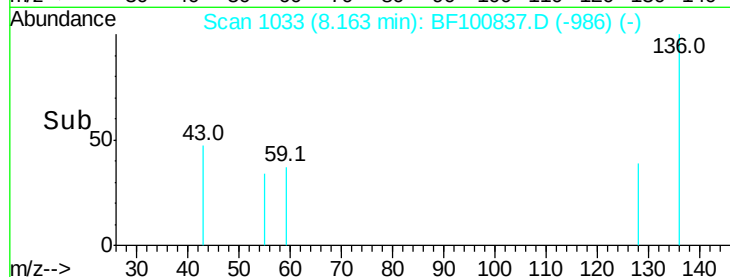
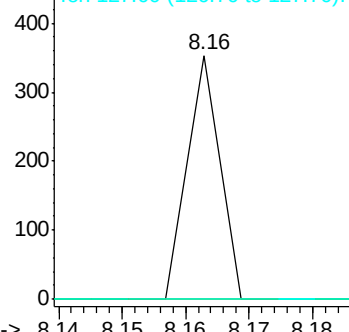
127 0.0 10.9 16.3#



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



#36

4-Chloro-3-methylphenol

Concen: 0.219 ng

RT: 8.69 min Scan# 1123

Delta R.T. -0.02 min

Lab File: BF100837.D

Acq: 22 Nov 2017 21:41

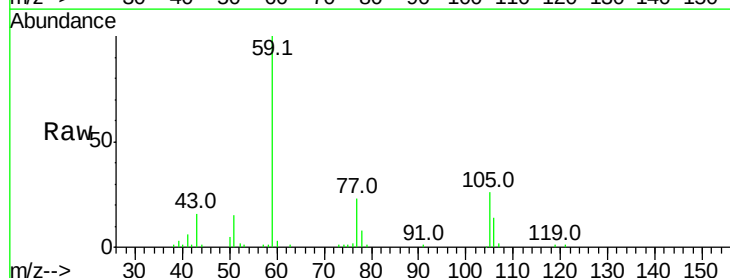
Tgt Ion:107 Resp: 1100

Ion Ratio Lower Upper

107 100

144 0.0 20.5 30.7#

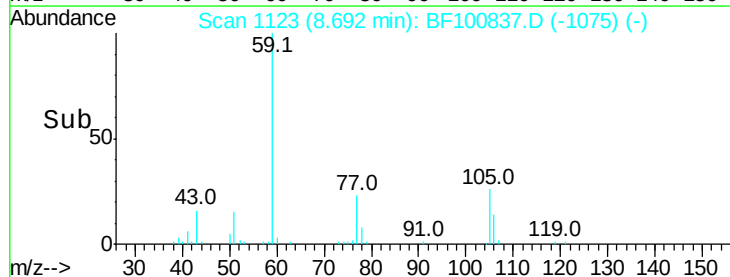
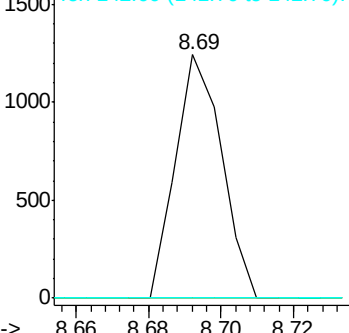
142 0.0 62.0 93.0#

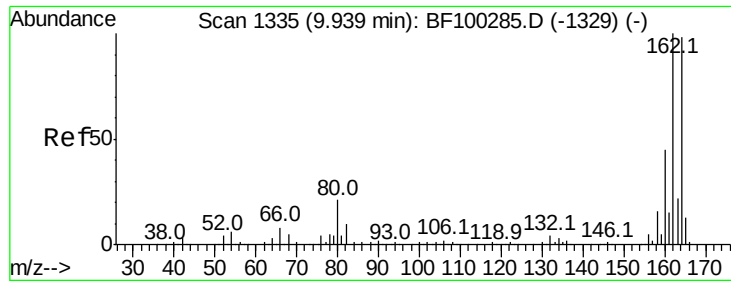


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

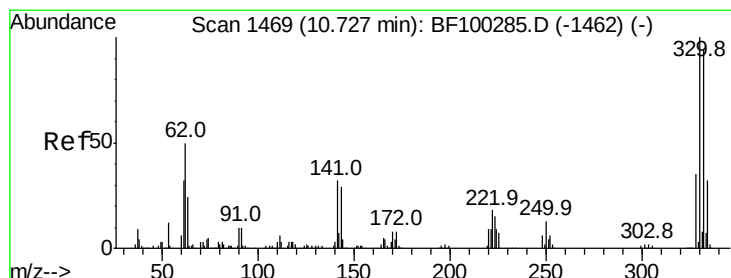
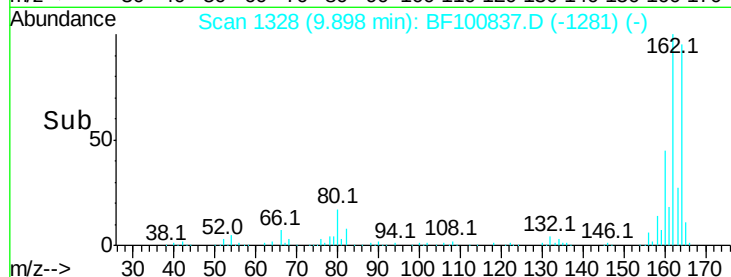
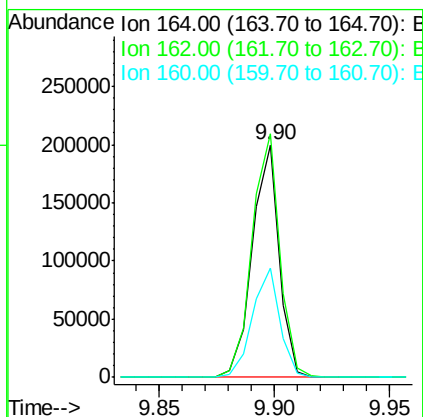
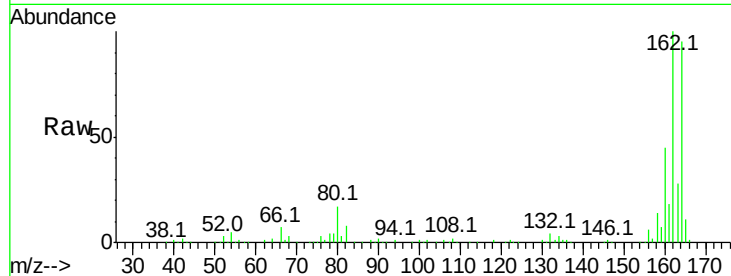




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.02 min
 Lab File: BF100837.D
 Acq: 22 Nov 2017 21:41

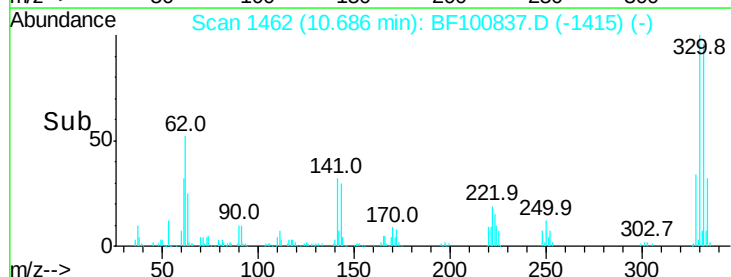
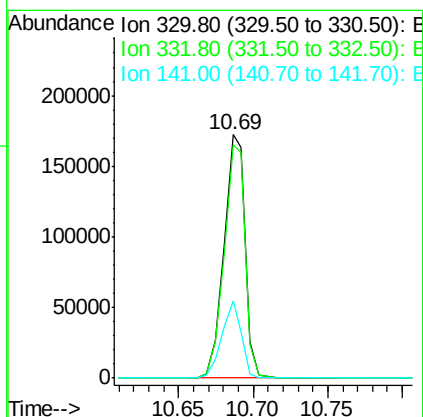
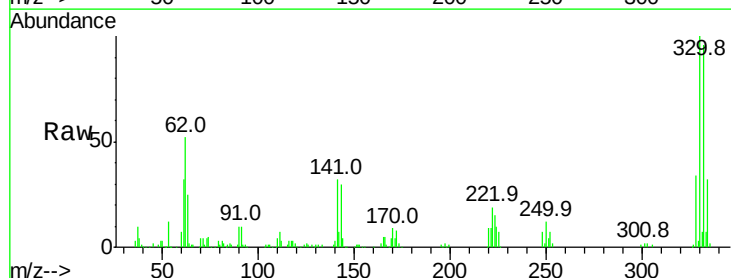
Instrument :
 BNA_F
 ClientSampled :

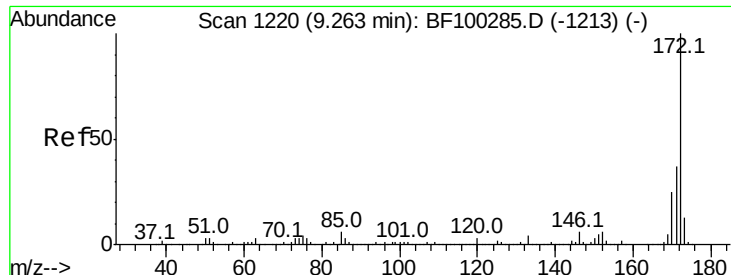
Tot Ion:164 Resp: 162444
 Ion Ratio Lower Upper
 164 100
 162 104.8 86.1 129.1
 160 46.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 104.903 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.02 min
 Lab File: BF100837.D
 Acq: 22 Nov 2017 21:41

Tgt Ion:330 Resp: 173647
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 29.1 29.9 44.9#



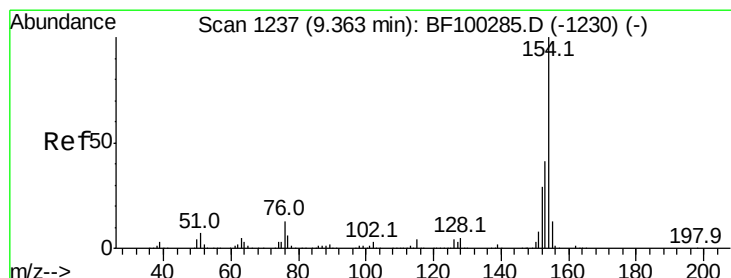
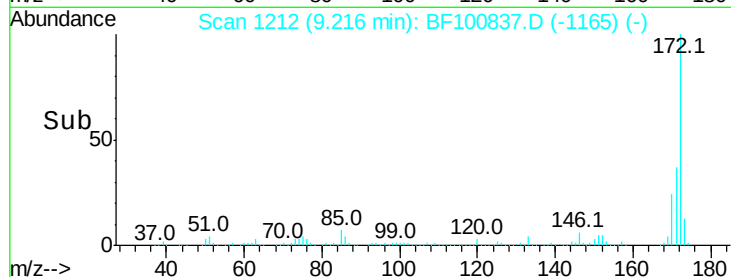
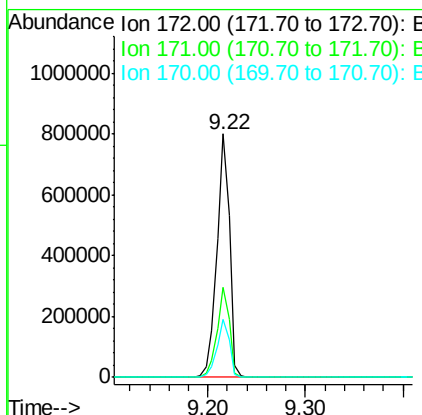
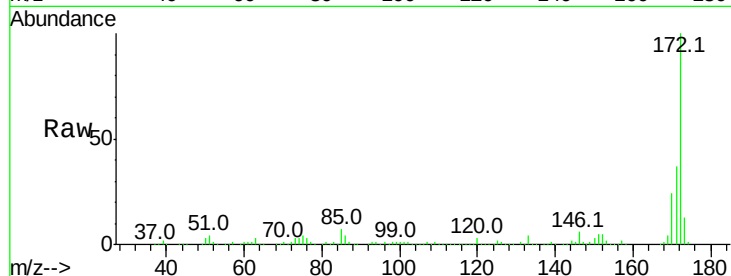


#44
 2-Fluorobiphenyl
 Concen: 67.486 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF100837.D
 Acq: 22 Nov 2017 21:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 719946

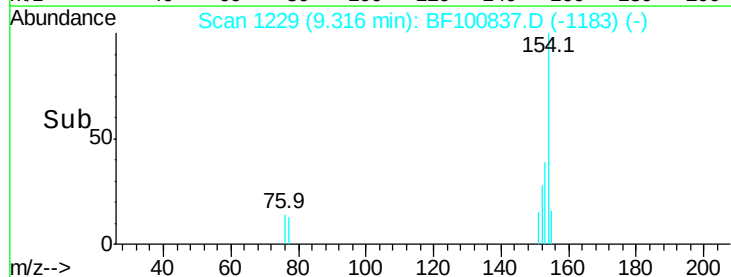
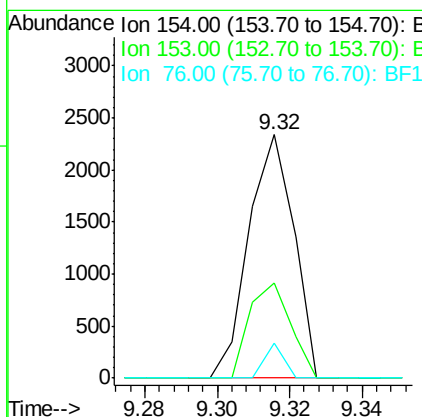
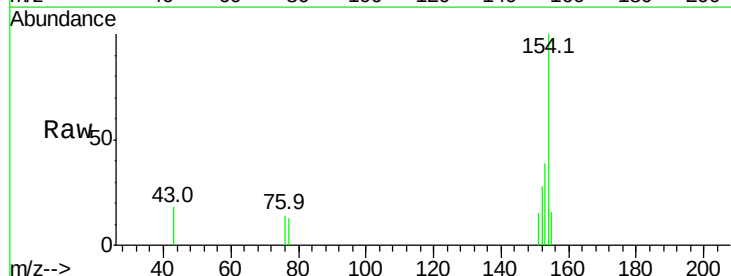
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	23.6	19.6	29.4

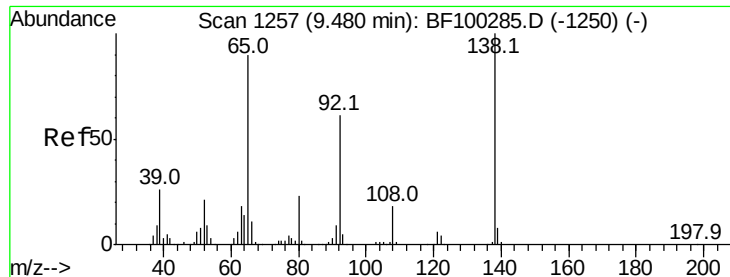


#45
 1,1'-Biphenyl
 Concen: 0.143 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.03 min
 Lab File: BF100837.D
 Acq: 22 Nov 2017 21:41

Tgt Ion:154 Resp: 2011

Ion	Ratio	Lower	Upper
154	100		
153	39.1	21.3	61.3
76	14.4	0.0	34.0





#47

2-Nitroaniline

Concen: 2.883 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.14 min

Lab File: BF100837.D

Acq: 22 Nov 2017 21:41

Instrument :

BNA_F

ClientSampleId :

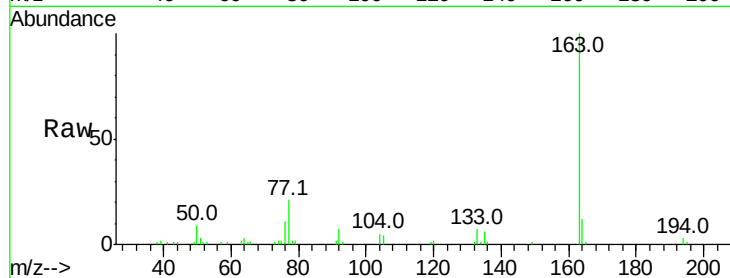
Tot Ion: 65 Resp: 318

Ion Ratio Lower Upper

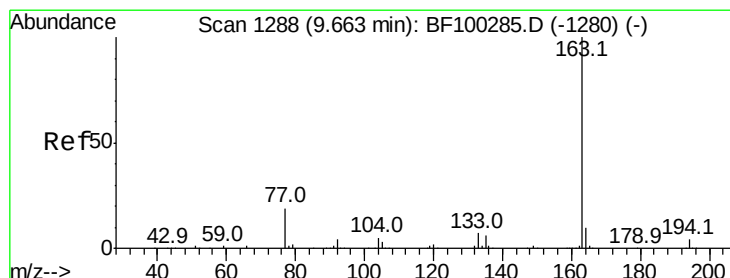
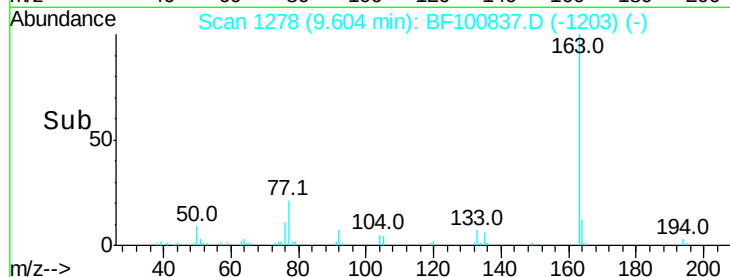
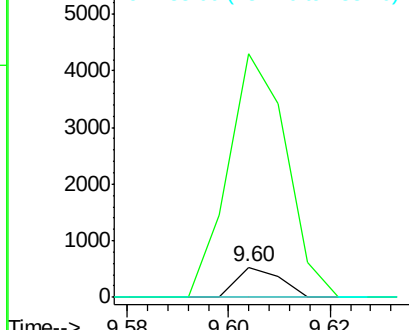
65 100

92 799.4 55.8 83.6#

138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E



#49

Dimethylphthalate

Concen: 3.756 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.04 min

Lab File: BF100837.D

Acq: 22 Nov 2017 21:41

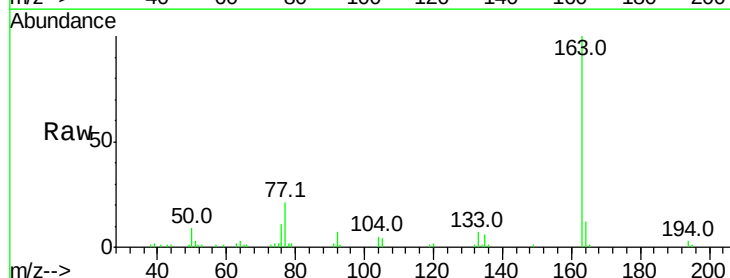
Tgt Ion: 163 Resp: 46581

Ion Ratio Lower Upper

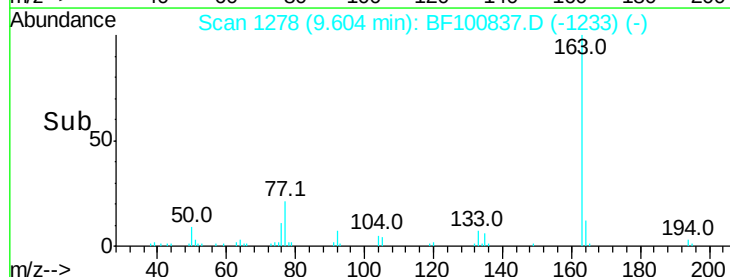
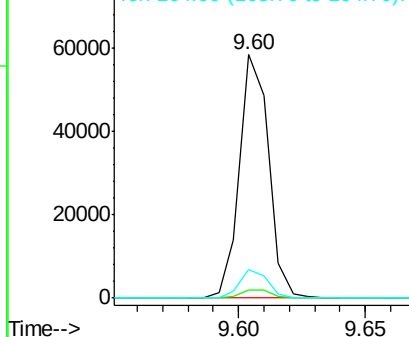
163 100

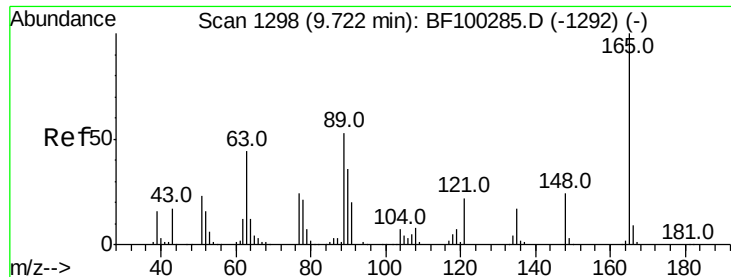
194 3.3 2.7 4.1

164 11.8 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: 8.213 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.19 min

Lab File: BF100837.D

Acq: 22 Nov 2017 21:41

Instrument :

BNA_F

ClientSampleId :

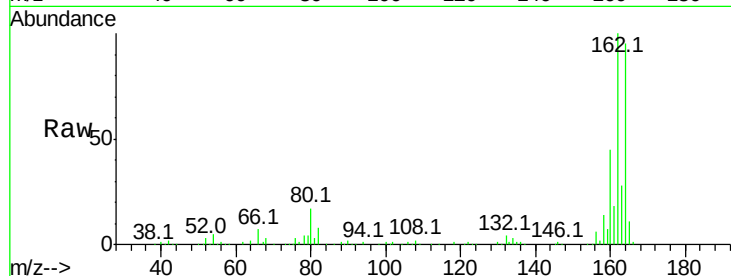
Tot Ion:165 Resp: 20163

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

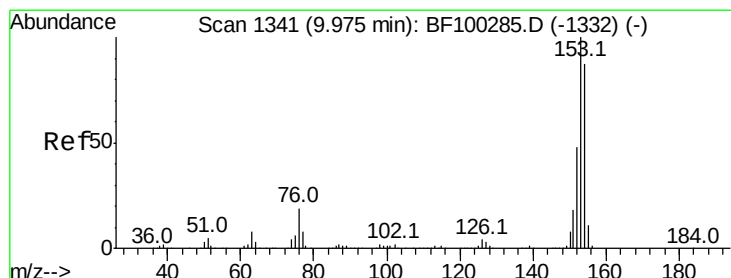
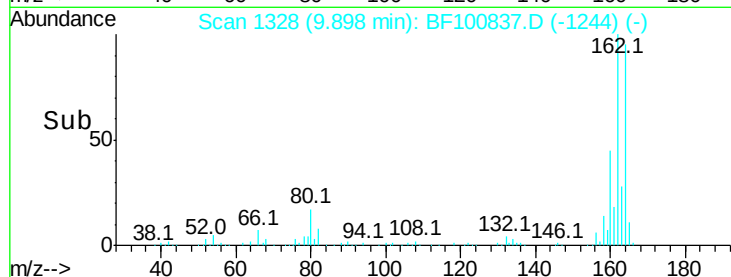
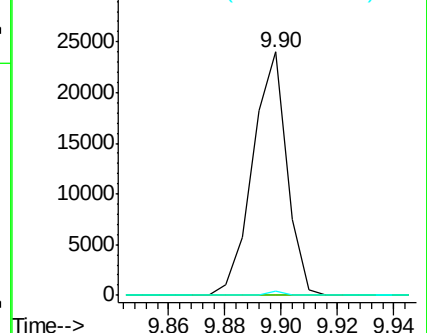
89 1.9 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#51

Acenaphthene

Concen: 0.049 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.06 min

Lab File: BF100837.D

Acq: 22 Nov 2017 21:41

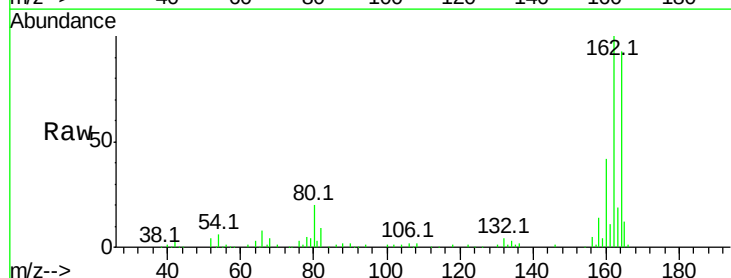
Tgt Ion:154 Resp: 503

Ion Ratio Lower Upper

154 100

153 0.0 91.2 136.8#

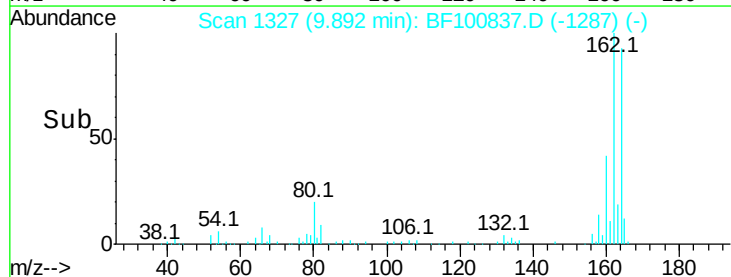
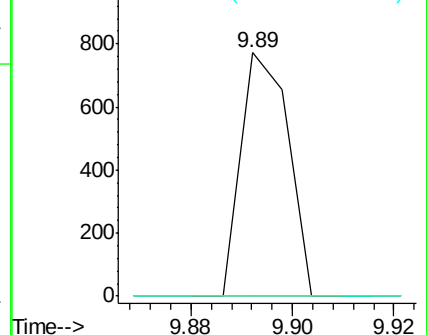
152 0.0 43.8 65.8#

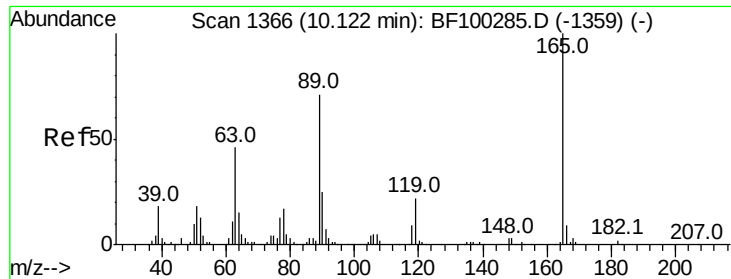


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

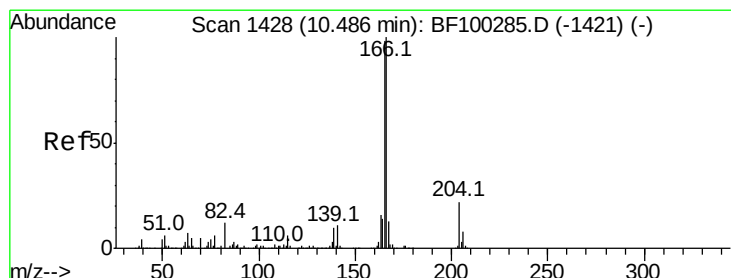
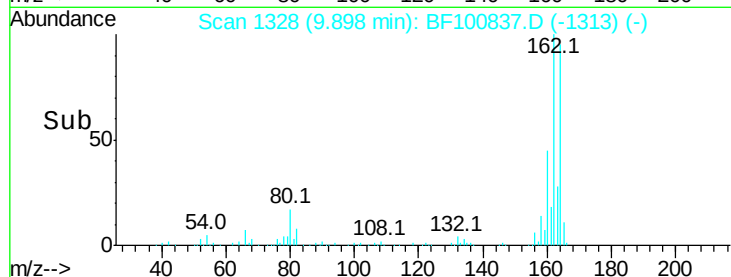
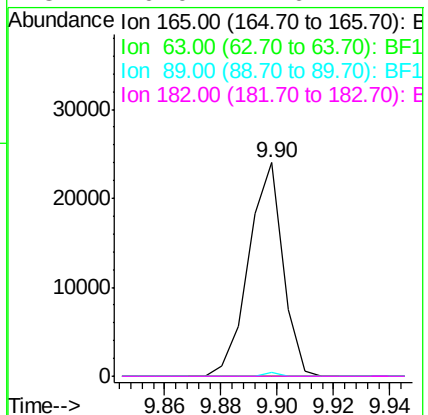
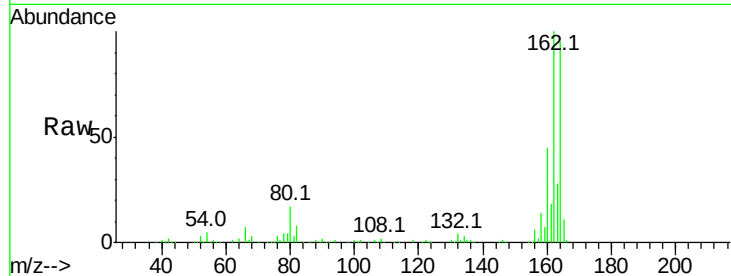




#56
 2,4-Dinitrotoluene
 Concen: 6.510 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.21 min
 Lab File: BF100837.D
 Acq: 22 Nov 2017 21:41

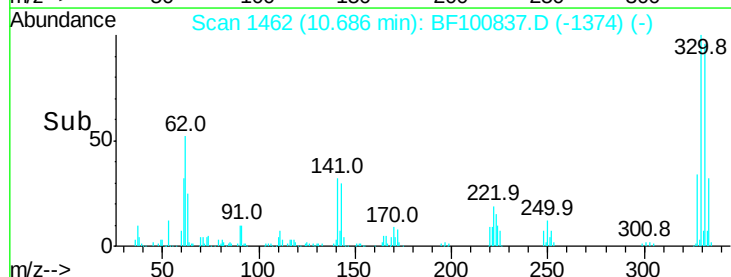
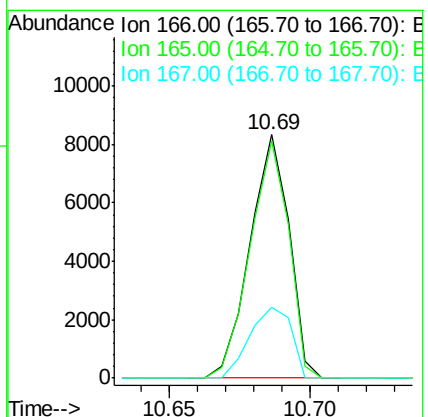
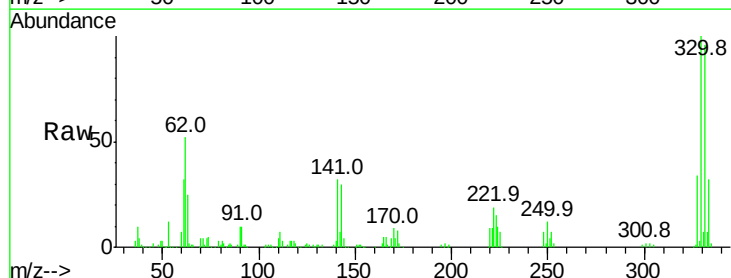
Instrument :
 BNA_F
 ClientSampleId :

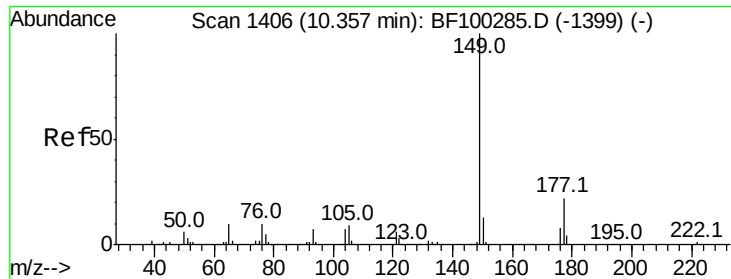
Tot Ion:165	Resp:	20163
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	1.9	57.8 86.6#
182	0.0	1.6 2.4#



#57
 Fluorene
 Concen: 0.758 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.22 min
 Lab File: BF100837.D
 Acq: 22 Nov 2017 21:41

Tgt Ion:166	Resp:	7992
Ion Ratio	Lower	Upper
166	100	
165	97.3	79.8 119.8
167	28.9	10.6 16.0#

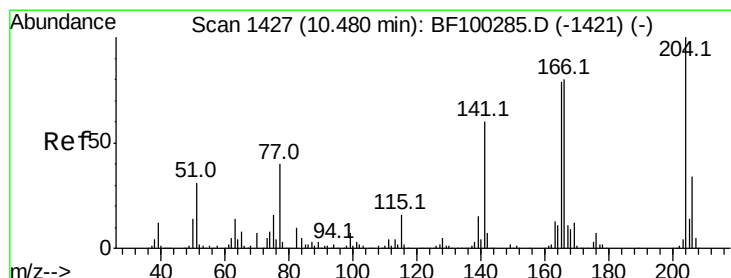
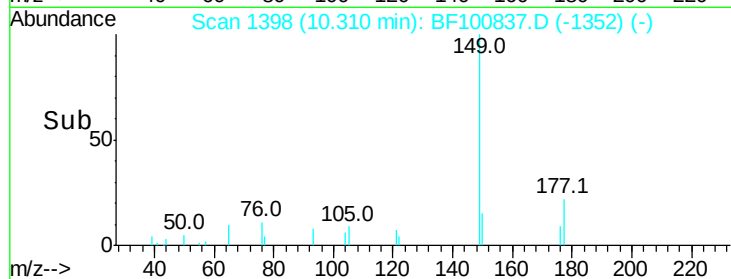
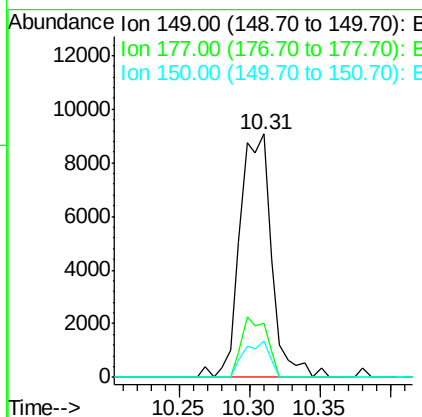
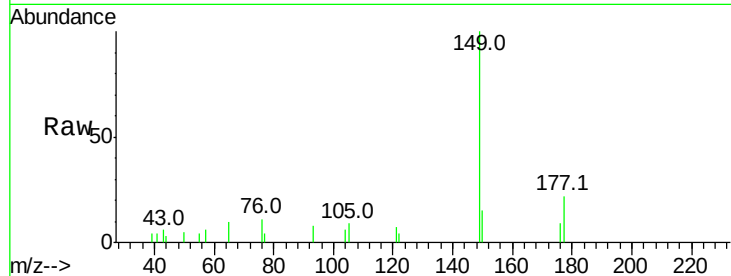




#59
 Diethylphthalate
 Concen: 1.157 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.03 min
 Lab File: BF100837.D
 Acq: 22 Nov 2017 21:41

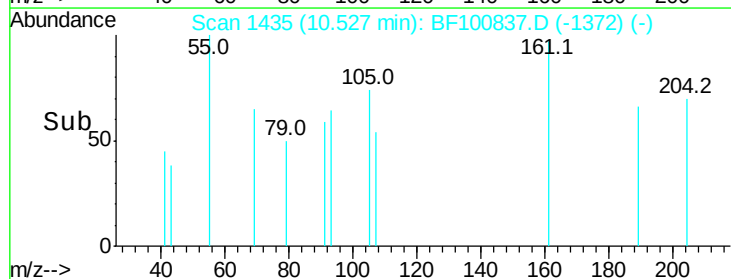
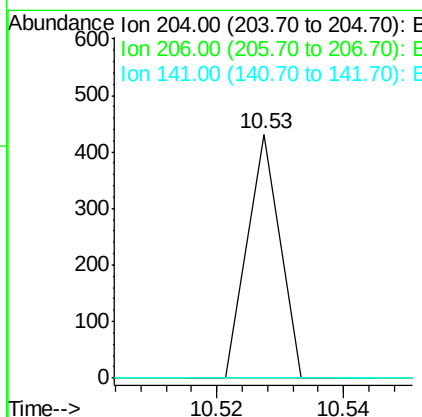
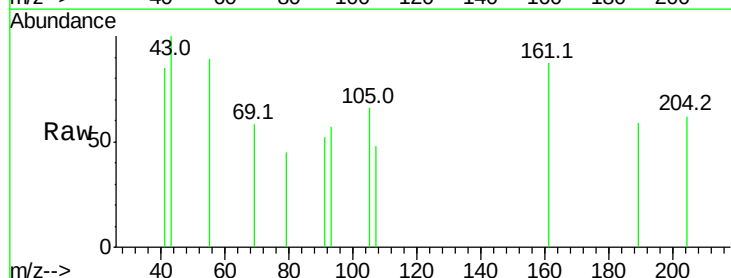
Instrument :
 BNA_F
 ClientSampleId :

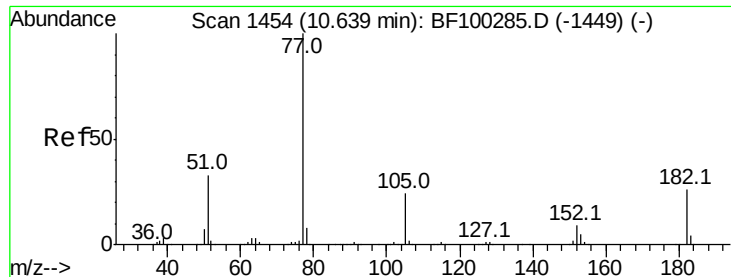
Tot Ion:	149	Resp:	14355
Ion	Ratio	Lower	Upper
149	100		
177	22.2	16.1	24.1
150	15.0	10.1	15.1



#60
 4-Chlorophenyl-phenylether
 Concen: 0.029 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.07 min
 Lab File: BF100837.D
 Acq: 22 Nov 2017 21:41

Tgt Ion:	204	Resp:	152
Ion	Ratio	Lower	Upper
204	100		
206	0.0	26.5	39.7#
141	0.0	54.6	81.8#





#62

Azobenzene

Concen: 8.897 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF100837.D

Acq: 22 Nov 2017 21:41

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 104008

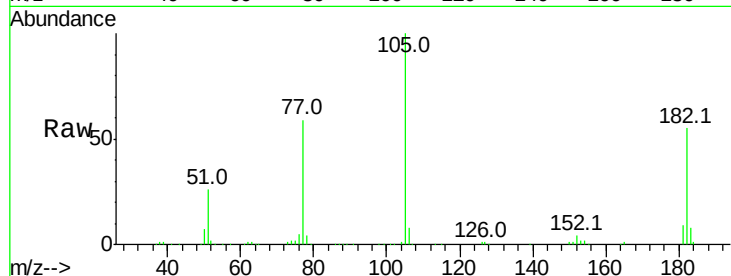
Ion Ratio Lower Upper

77 100

182 93.1 1.7 41.7#

105 170.2 3.0 43.0#

51 43.4 9.9 49.9

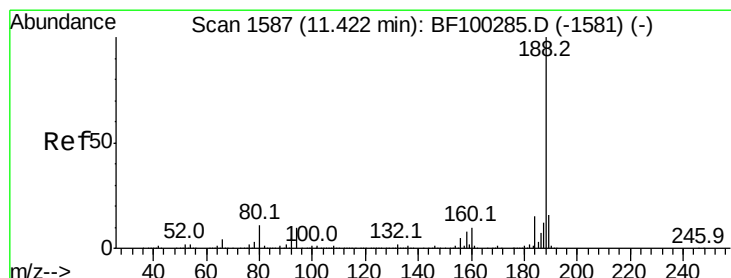
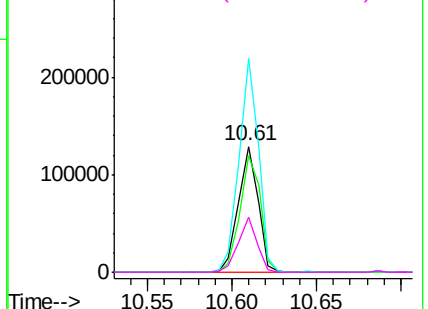
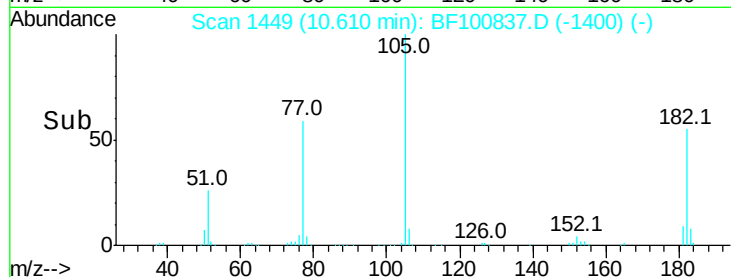


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BF100837.D

Acq: 22 Nov 2017 21:41

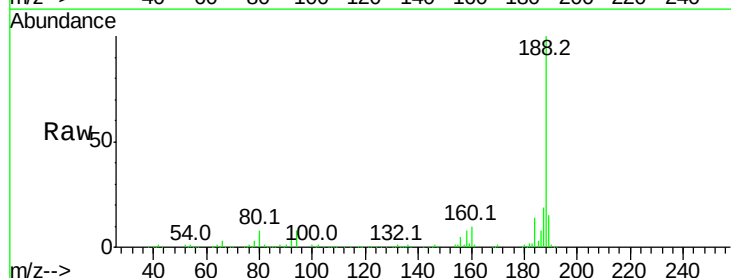
Tgt Ion: 188 Resp: 306157

Ion Ratio Lower Upper

188 100

94 7.7 8.5 12.7#

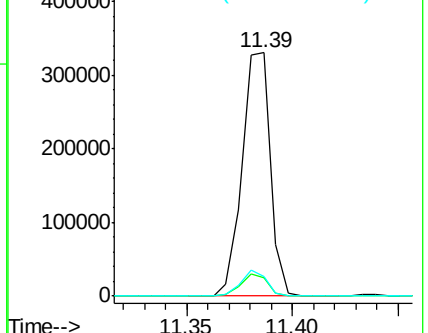
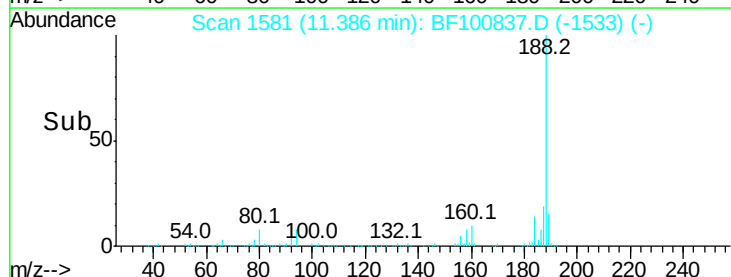
80 8.0 9.2 13.8#

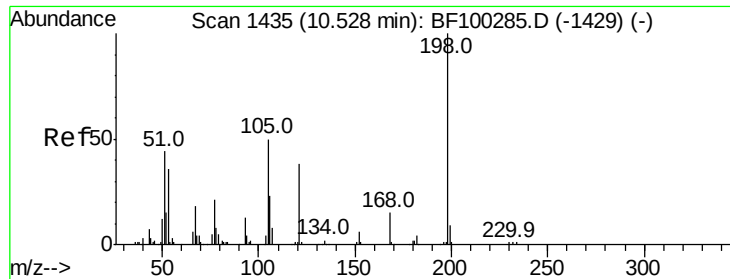


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 8.762 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.17 min

Lab File: BF100837.D

Acq: 22 Nov 2017 21:41

Instrument :

BNA_F

ClientSampled :

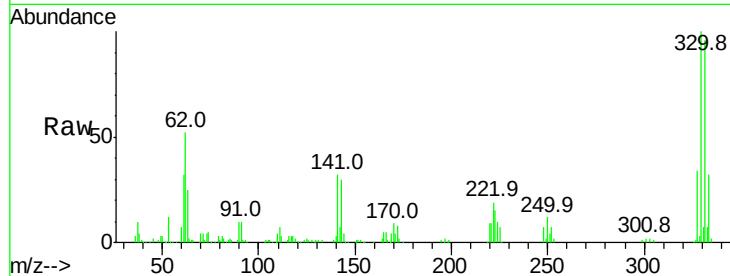
Tot Ion:198 Resp: 361

Ion Ratio Lower Upper

198 100

51 114.5 37.7 77.7#

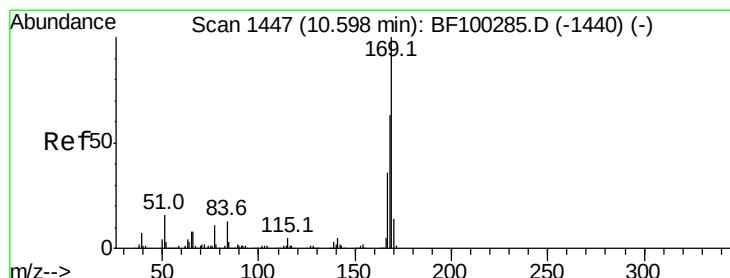
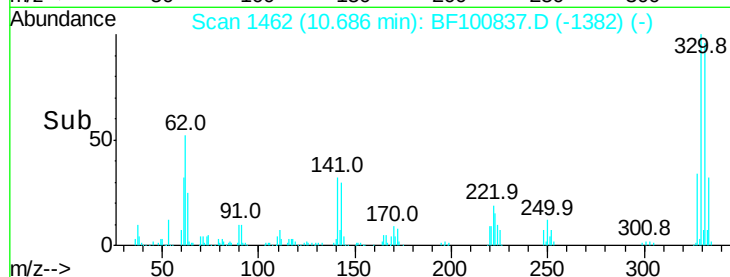
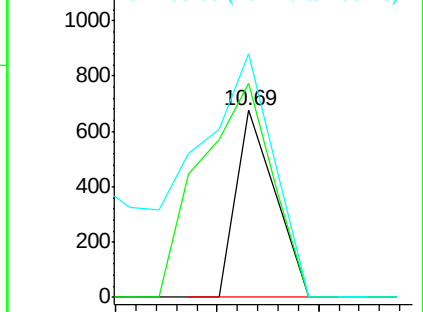
105 130.4 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 0.478 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.11 min

Lab File: BF100837.D

Acq: 22 Nov 2017 21:41

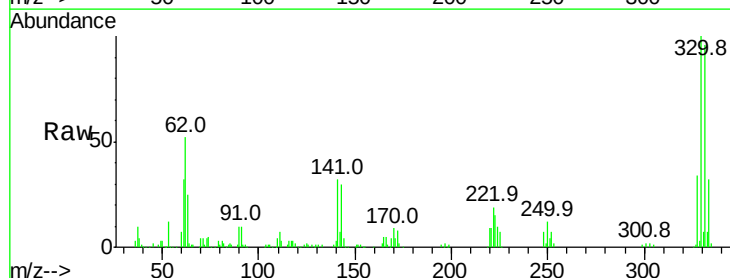
Tgt Ion:169 Resp: 5085

Ion Ratio Lower Upper

169 100

168 6.7 54.4 81.6#

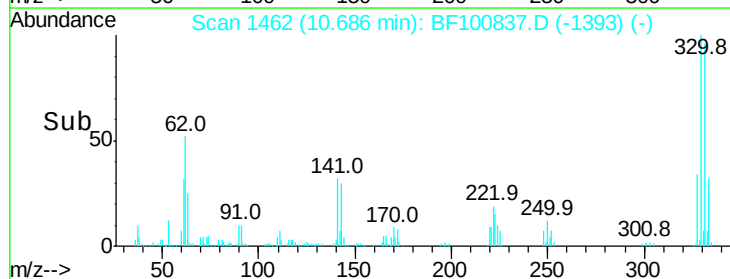
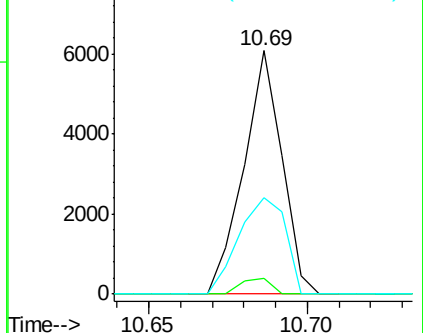
167 39.6 29.8 44.6

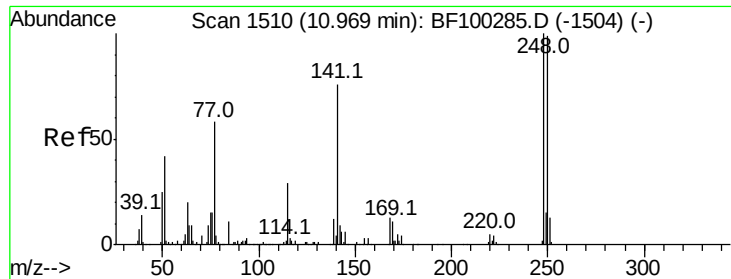


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

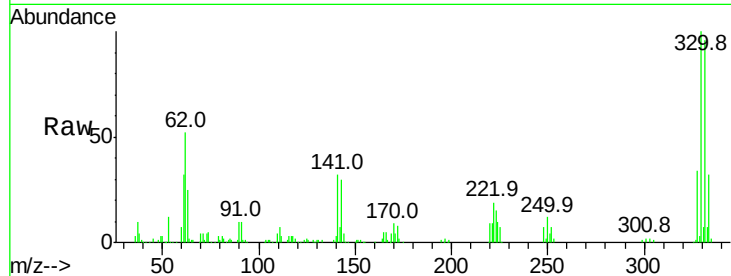




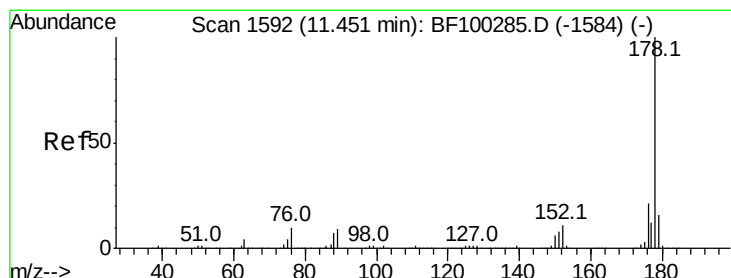
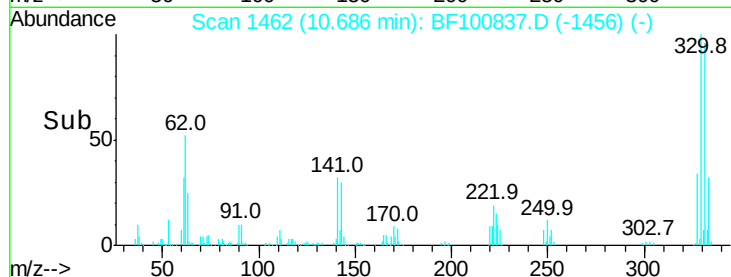
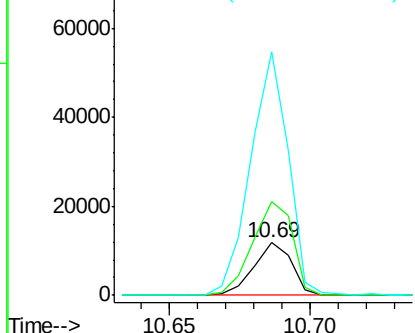
#66
 4-Bromophenyl-phenylether
 Concen: 3.386 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.26 min
 Lab File: BF100837.D
 Acq: 22 Nov 2017 21:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 11112
 Ion Ratio Lower Upper
 248 100
 250 177.6 76.9 115.3#
 141 463.5 74.4 111.6#

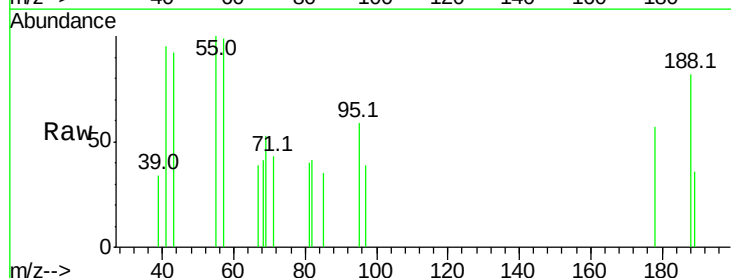


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

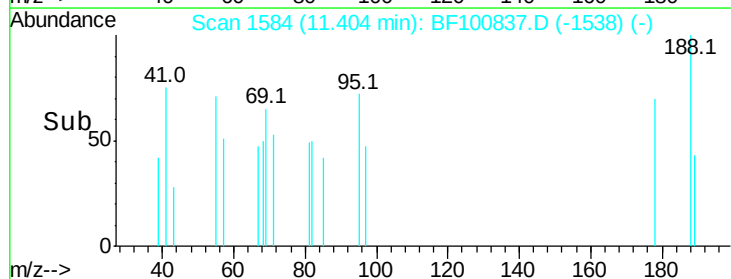
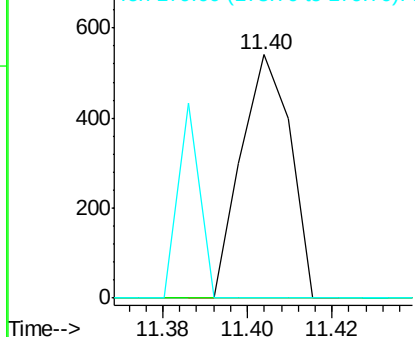


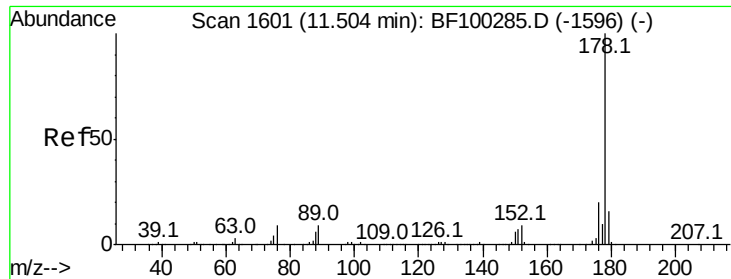
#70
 Phenanthrene
 Concen: 0.027 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.03 min
 Lab File: BF100837.D
 Acq: 22 Nov 2017 21:41

Tgt Ion:178 Resp: 437
 Ion Ratio Lower Upper
 178 100
 176 0.0 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

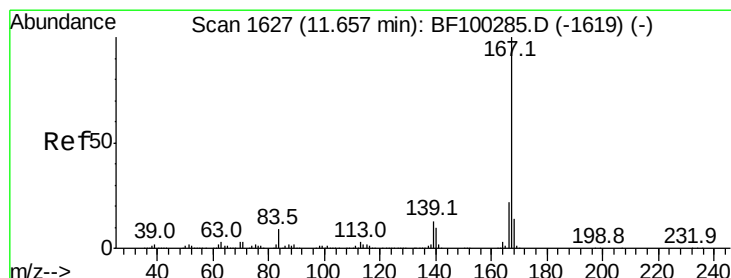
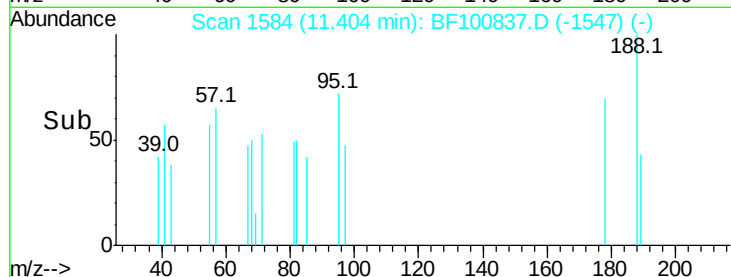
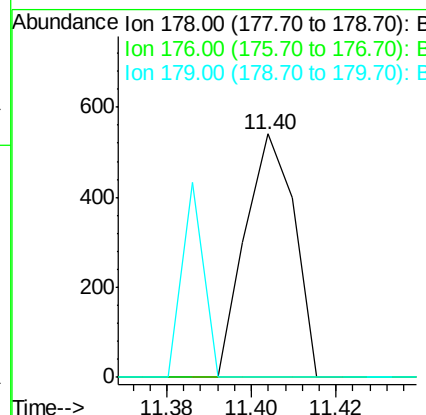
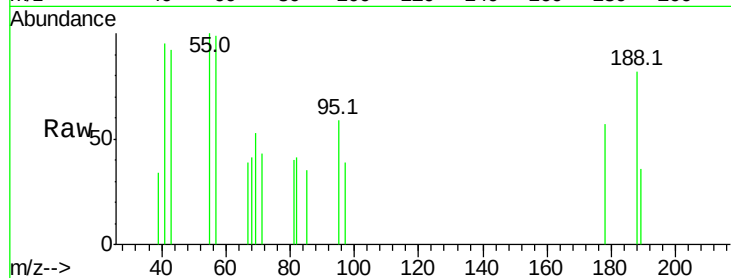




#71
 Anthracene
 Concen: 0.027 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.08 min
 Lab File: BF100837.D
 Acq: 22 Nov 2017 21:41

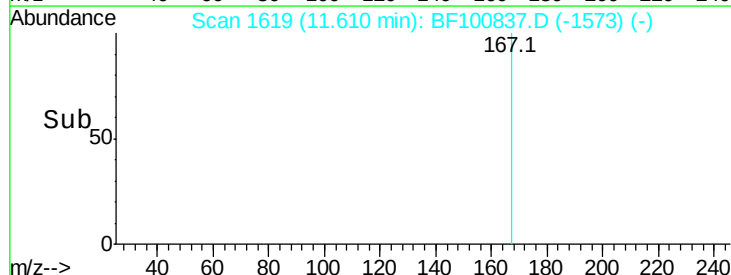
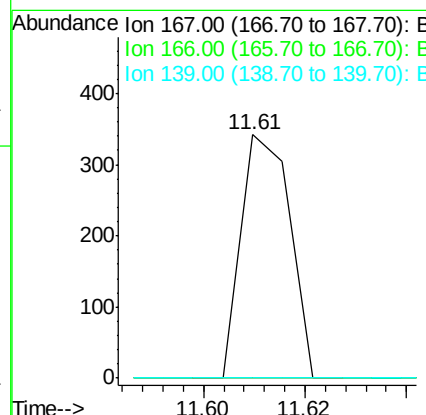
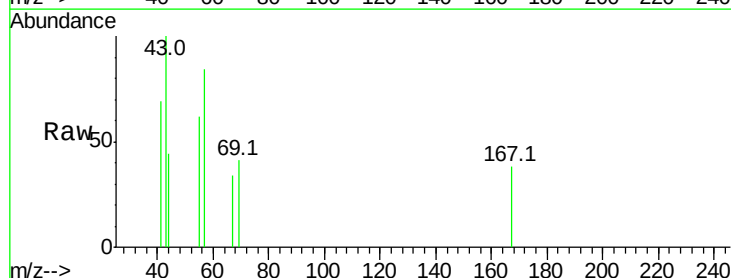
Instrument :
 BNA_F
 ClientSampleId :

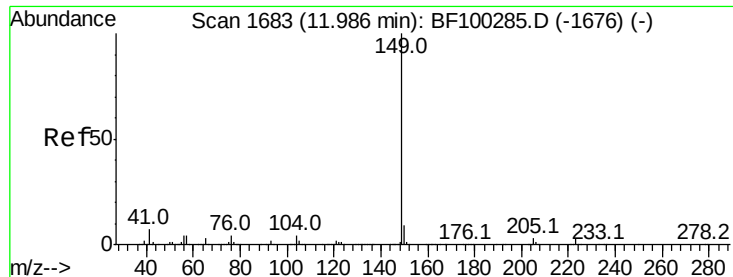
Tot Ion:178 Resp: 437
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.4 23.2#
 179 0.0 12.6 19.0#



#72
 Carbazole
 Concen: 0.015 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.03 min
 Lab File: BF100837.D
 Acq: 22 Nov 2017 21:41

Tgt Ion:167 Resp: 228
 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: 0.231 ng

RT: 11.93 min Scan# 1674

Delta R.T. -0.03 min

Lab File: BF100837.D

Acq: 22 Nov 2017 21:41

Instrument :

BNA_F

ClientSampled :

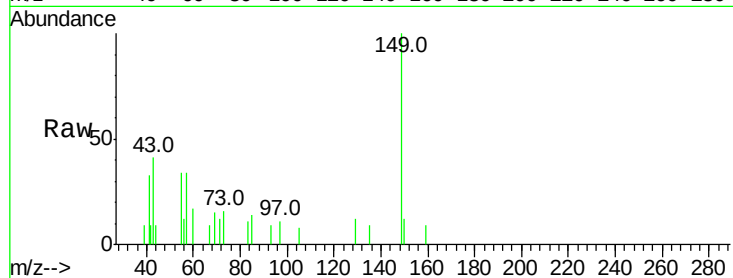
Tot Ion:149 Resp: 4075

Ion Ratio Lower Upper

149 100

150 12.2 7.8 11.6#

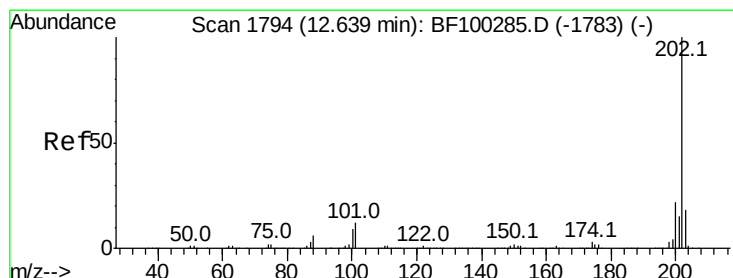
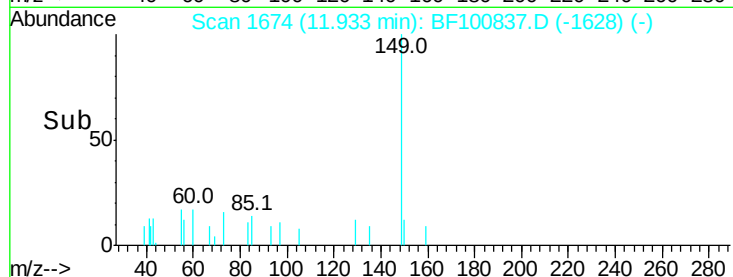
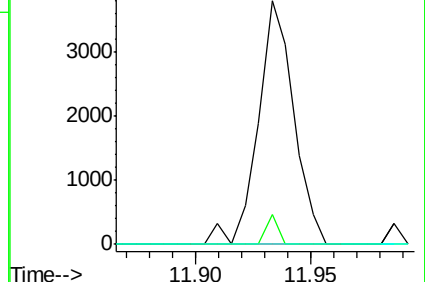
104 0.0 3.8 5.8#



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: 0.036 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.03 min

Lab File: BF100837.D

Acq: 22 Nov 2017 21:41

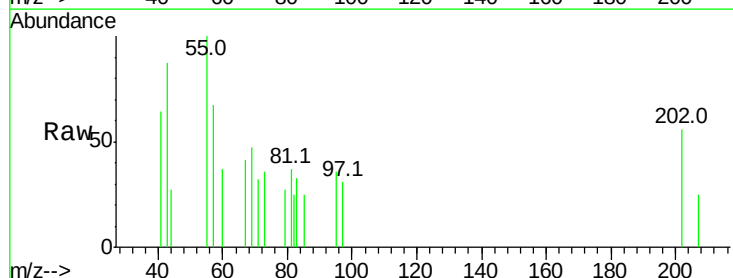
Tgt Ion:202 Resp: 619

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.1

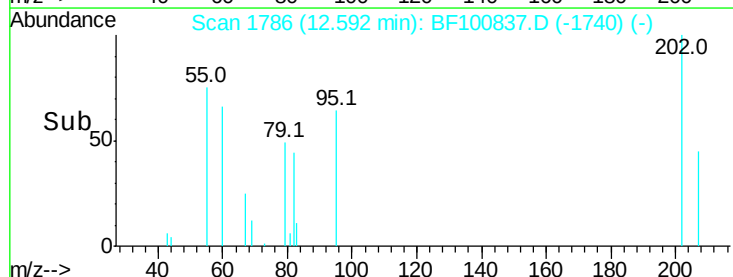
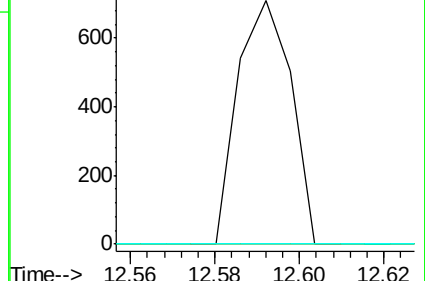
203 0.0 0.0 38.1

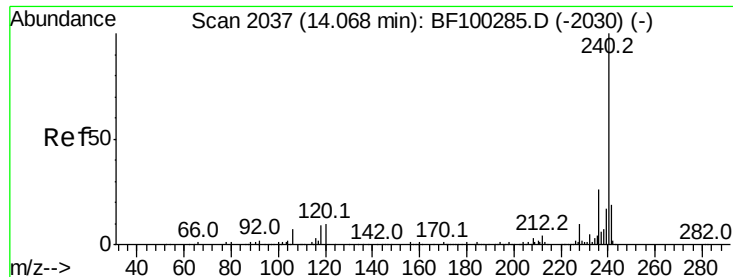


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF100837.D

Acq: 22 Nov 2017 21:41

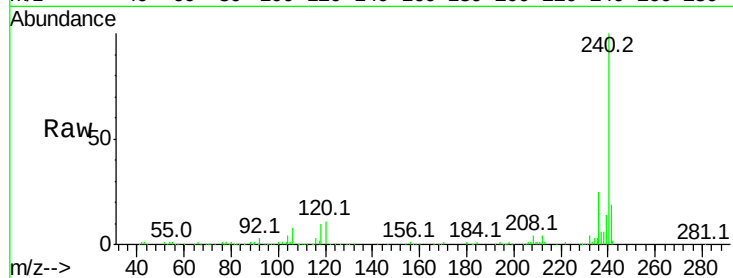
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 171814

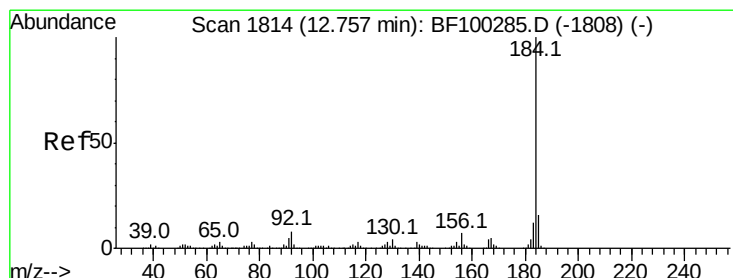
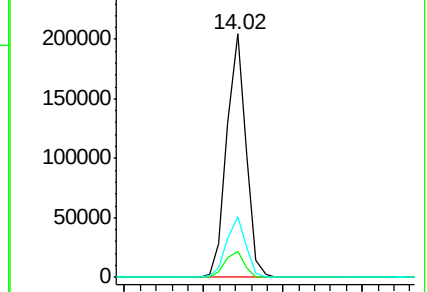
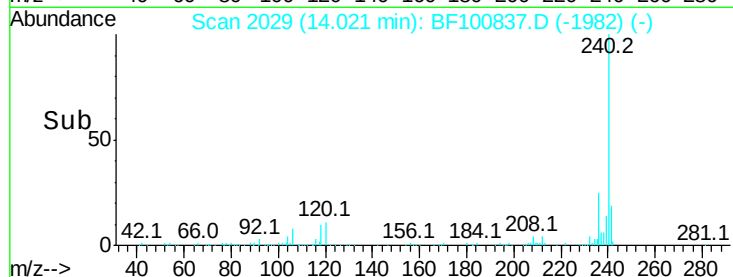
Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	24.9	20.7	31.1



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: 1.025 ng

RT: 12.97 min Scan# 1850

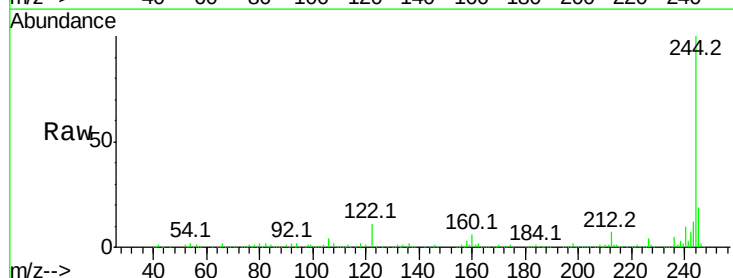
Delta R.T. 0.23 min

Lab File: BF100837.D

Acq: 22 Nov 2017 21:41

Tgt Ion:184 Resp: 7050

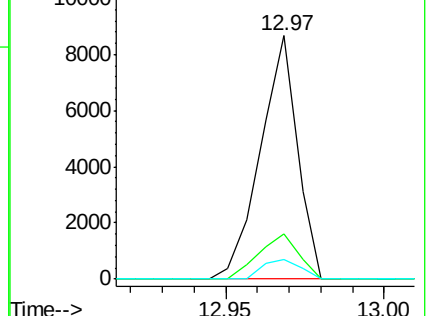
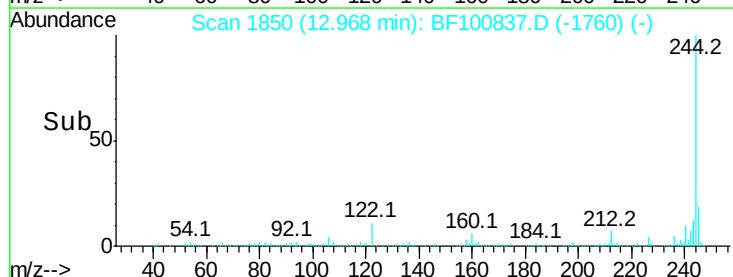
Ion	Ratio	Lower	Upper
184	100		
185	18.3	12.6	18.8
183	8.2	9.3	13.9#

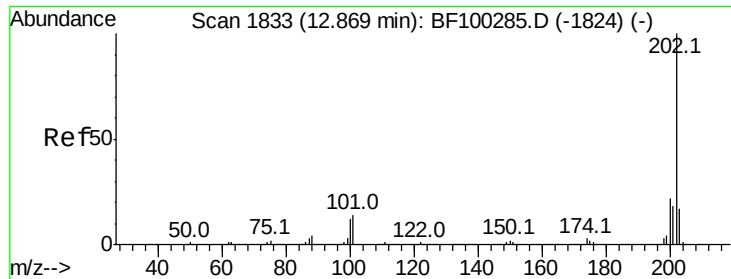


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.048 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

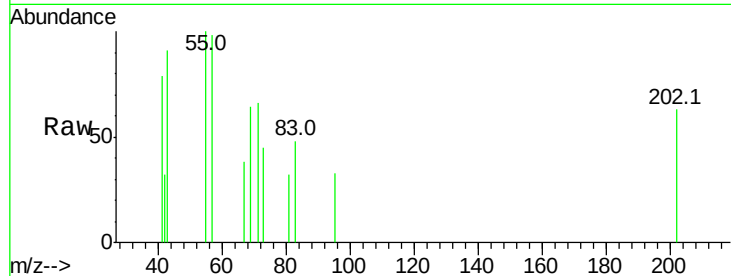
Lab File: BF100837.D

Acq: 22 Nov 2017 21:41

Instrument :

BNA_F

ClientSampled :



Tot Ion:202 Resp: 585

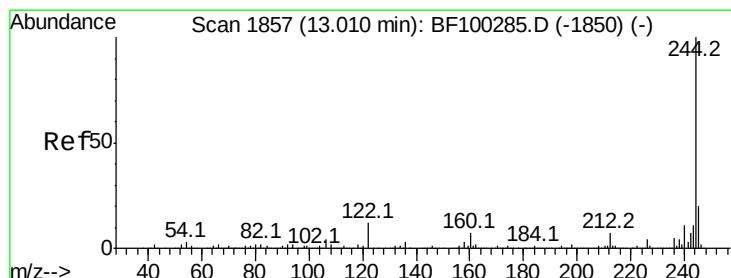
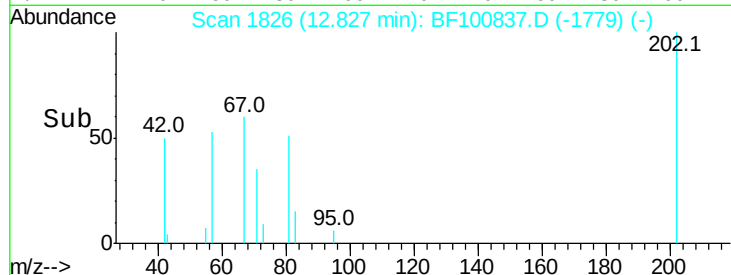
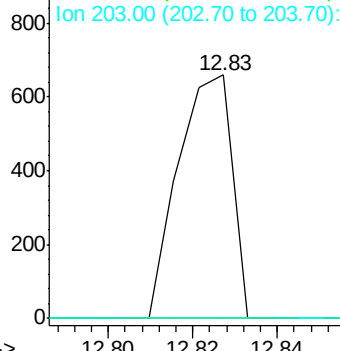
Ion Ratio Lower Upper

202 100

200 0.0 17.4 26.2#

203 0.0 14.3 21.5#

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



#78

Terphenyl-d14

Concen: 80.547 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.02 min

Lab File: BF100837.D

Acq: 22 Nov 2017 21:41

Tgt Ion:244 Resp: 602298

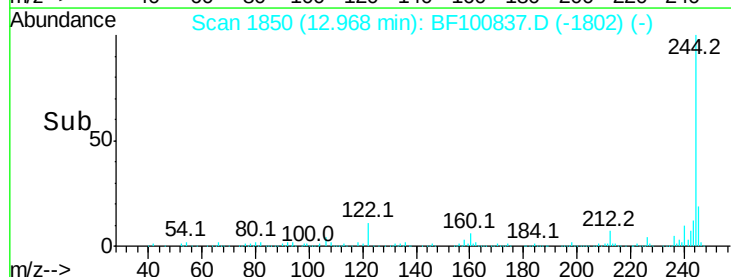
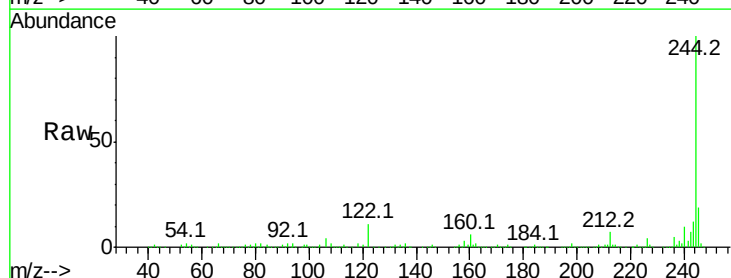
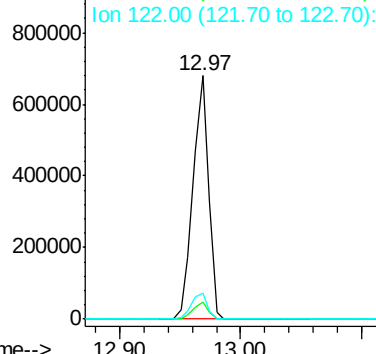
Ion Ratio Lower Upper

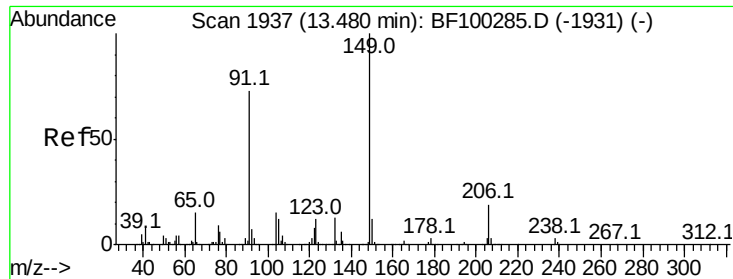
244 100

212 6.9 5.4 8.0

122 10.8 11.0 16.4#

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

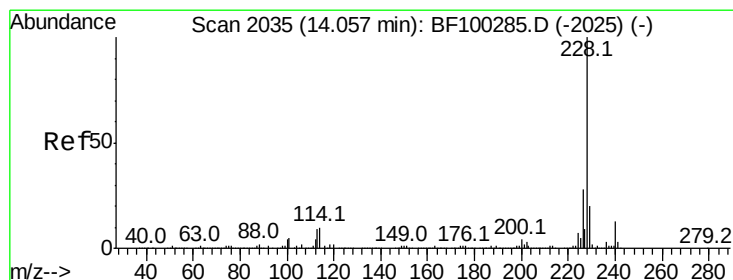
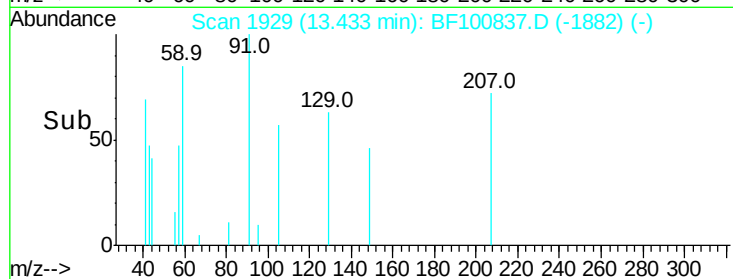
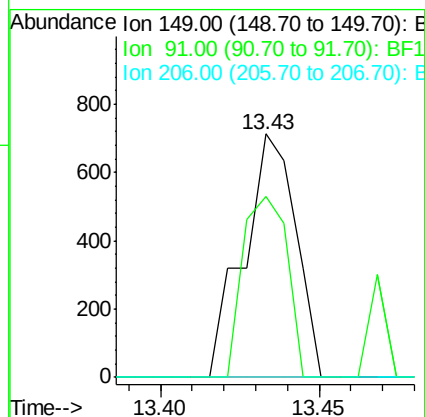
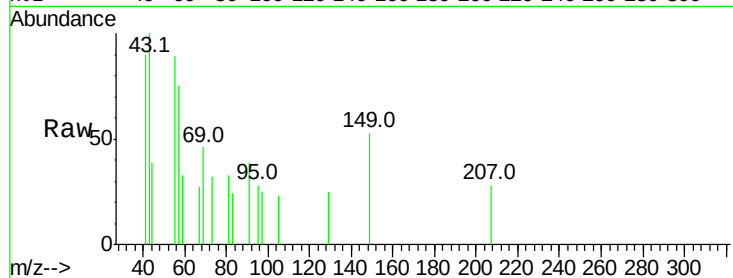




#79
 Butylbenzylphthalate
 Concen: 0.163 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.02 min
 Lab File: BF100837.D
 Acq: 22 Nov 2017 21:41

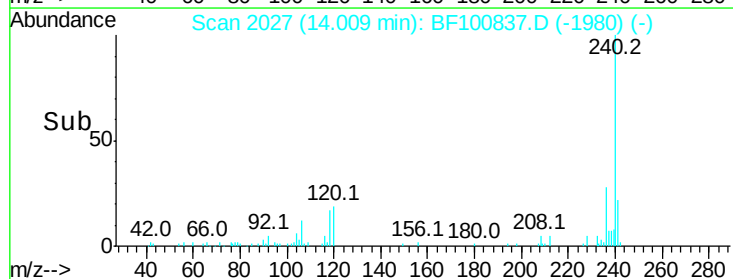
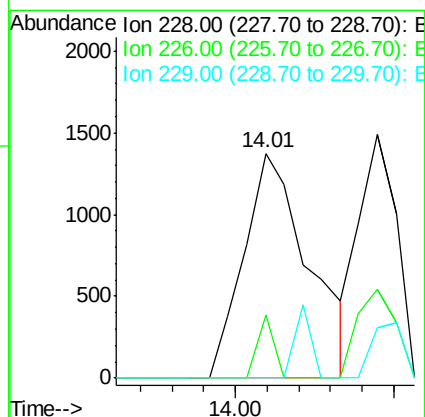
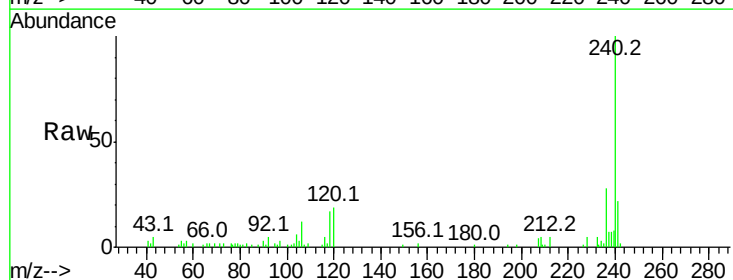
Instrument :
 BNA_F
 ClientSampled :

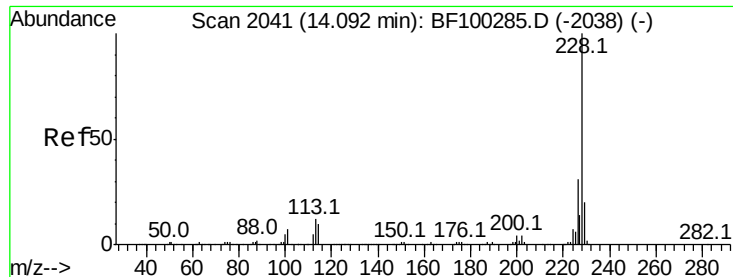
Tot Ion:	149	Resp:	814
Ion	Ratio	Lower	Upper
149	100		
91	74.5	56.8	85.2
206	0.0	14.1	21.1#



#80
 Benzo(a)anthracene
 Concen: 0.189 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF100837.D
 Acq: 22 Nov 2017 21:41

Tgt Ion:	228	Resp:	1951
Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	0.0	15.8	23.6#





#82

Chrysene

Concen: 0.121 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.03 min

Lab File: BF100837.D

Acq: 22 Nov 2017 21:41

Instrument :

BNA_F

ClientSampleId :

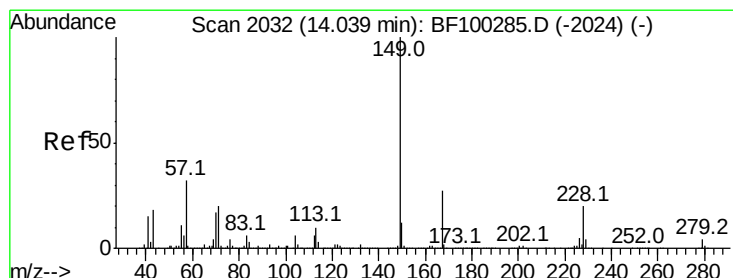
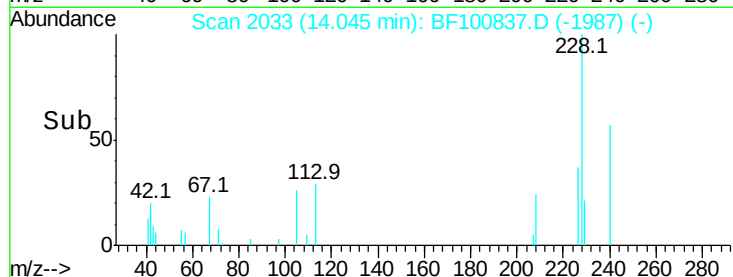
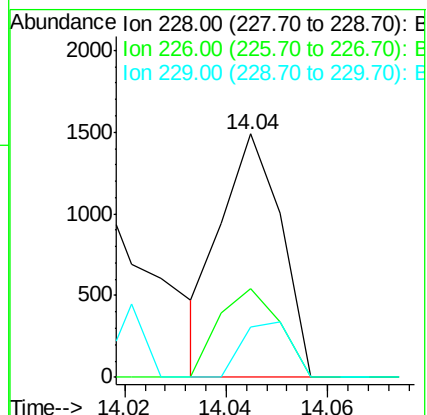
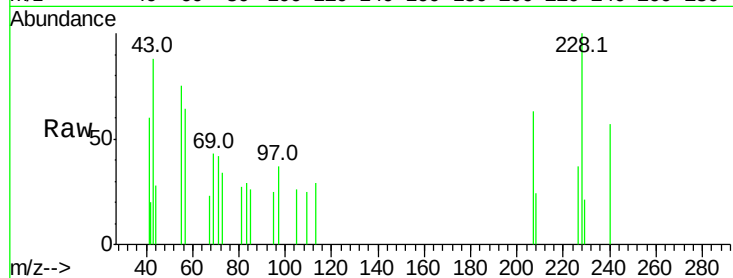
Tot Ion:228 Resp: 1213

Ion Ratio Lower Upper

228 100

226 36.6 25.0 37.6

229 20.8 16.2 24.4



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.801 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF100837.D

Acq: 22 Nov 2017 21:41

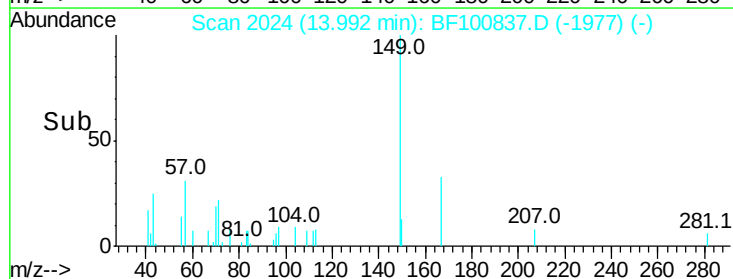
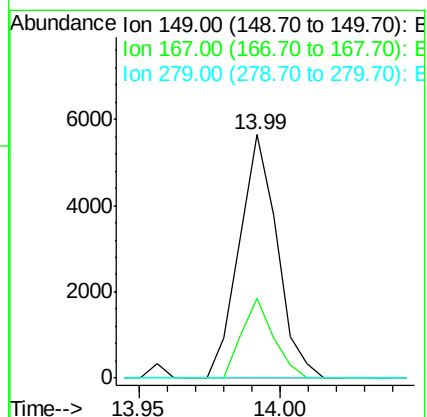
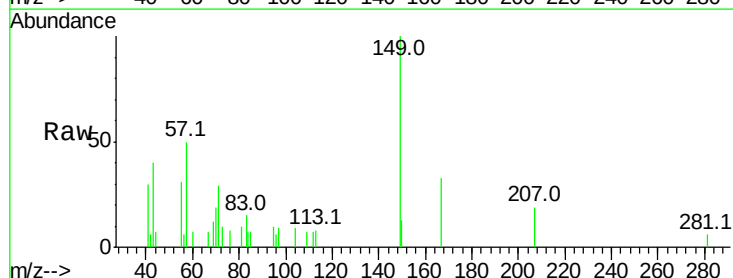
Tgt Ion:149 Resp: 5263

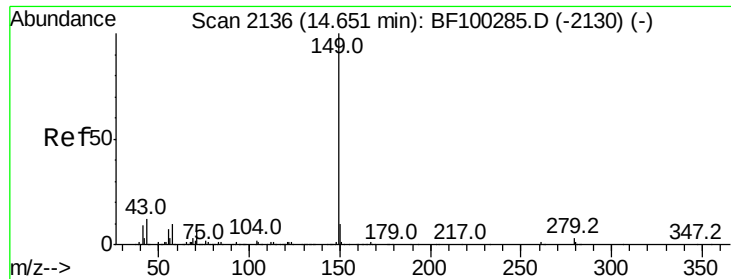
Ion Ratio Lower Upper

149 100

167 32.5 21.3 31.9#

279 0.0 3.0 4.4#

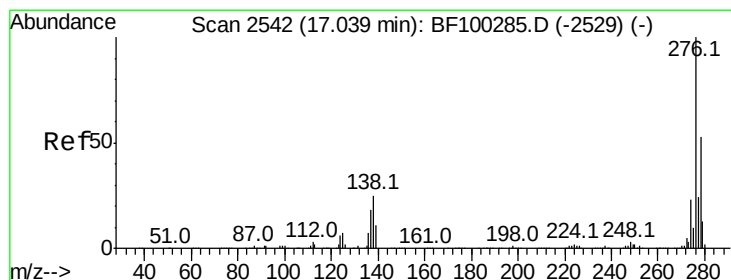
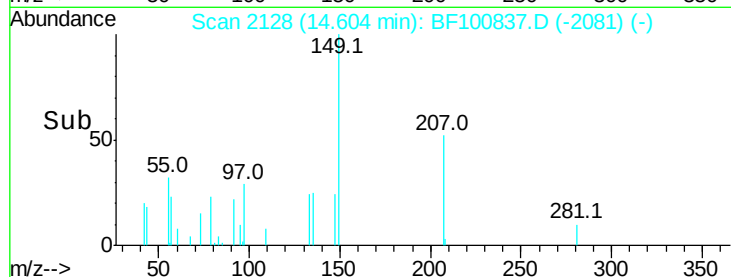
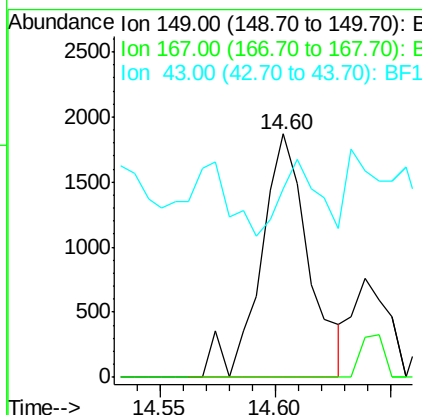
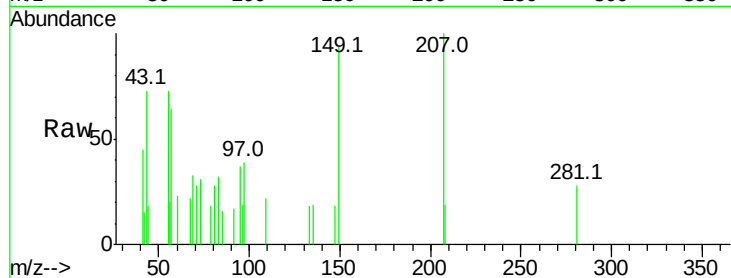




#84
Di-n-octyl phthalate
Concen: 0.240 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.02 min
Lab File: BF100837.D
Acq: 22 Nov 2017 21:41

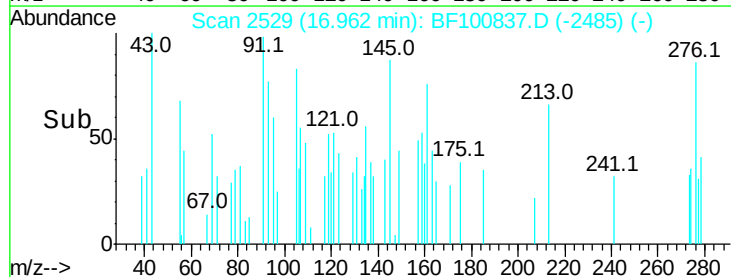
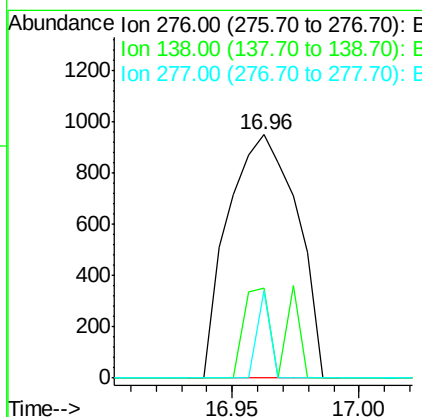
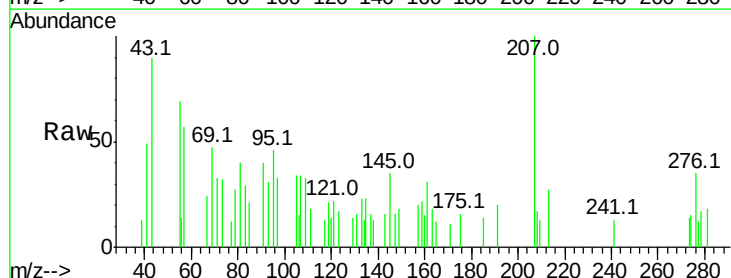
Instrument :
BNA_F
ClientSampled :

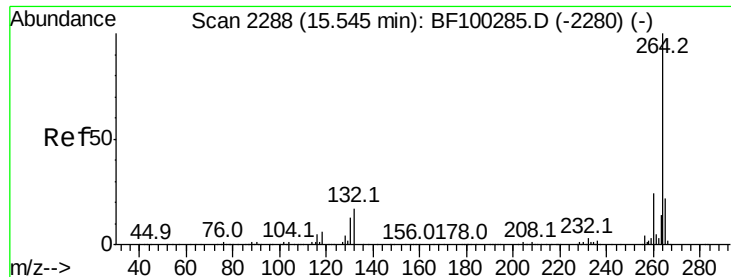
Tot Ion:149 Resp: 2714
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 23.9 8.4 12.6#



#85
Indeno(1,2,3-cd)pyrene
Concen: 0.221 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.04 min
Lab File: BF100837.D
Acq: 22 Nov 2017 21:41

Tgt Ion:276 Resp: 1795
Ion Ratio Lower Upper
276 100
138 20.7 25.0 37.6#
277 6.7 20.1 30.1#

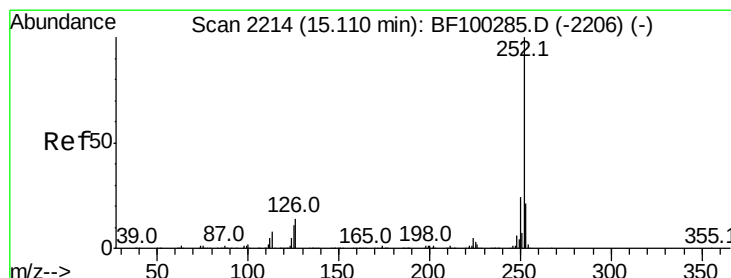
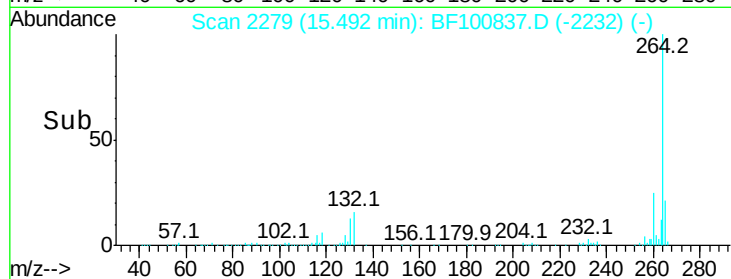
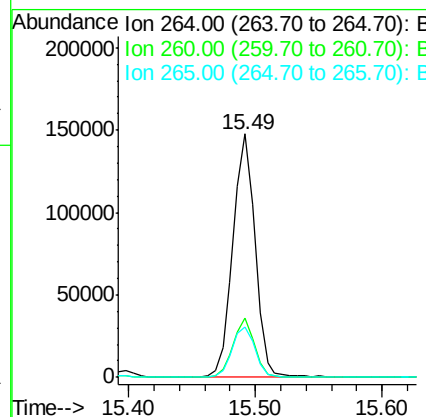
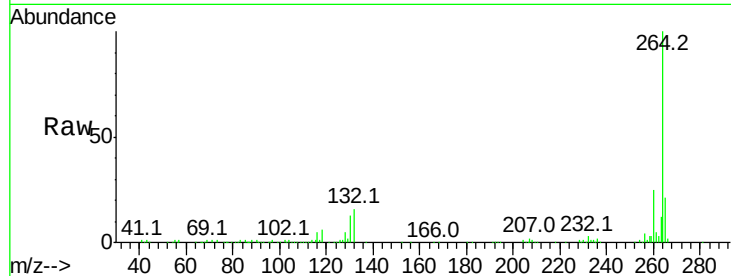




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF100837.D
Acq: 22 Nov 2017 21:41

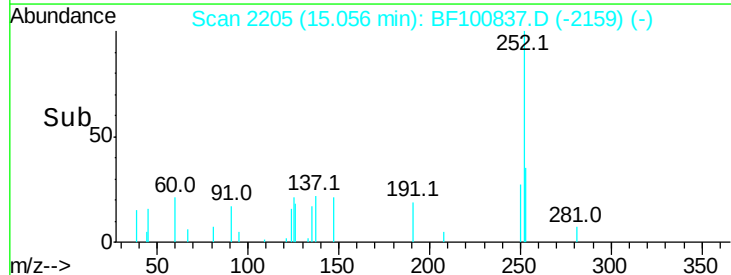
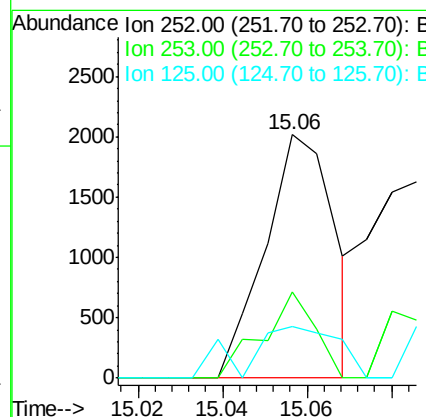
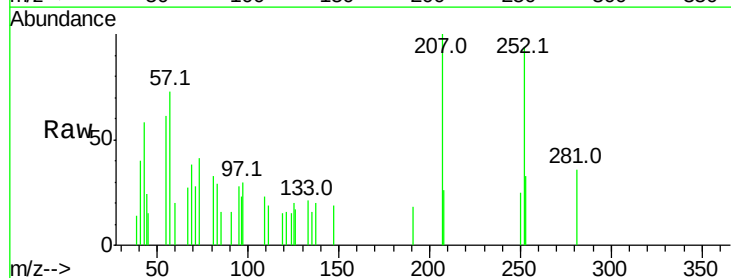
Instrument :
BNA_F
ClientSampleId :

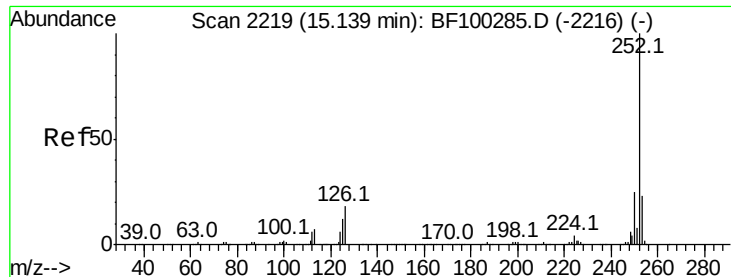
Tot Ion:	264	Resp:	178635
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	20.6	17.5	26.3



#87
Benzo(b)fluoranthene
Concen: 0.218 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.03 min
Lab File: BF100837.D
Acq: 22 Nov 2017 21:41

Tgt Ion:	252	Resp:	2309
Ion	Ratio	Lower	Upper
252	100		
253	35.4	17.0	25.6#
125	21.0	9.0	13.6#

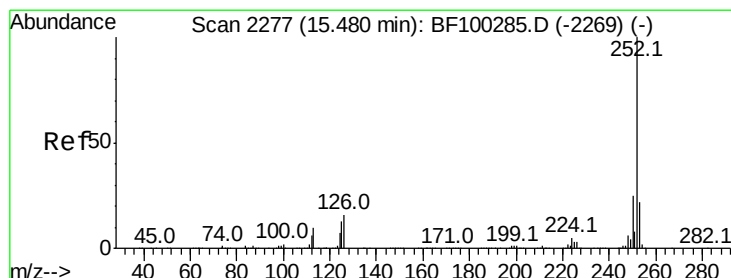
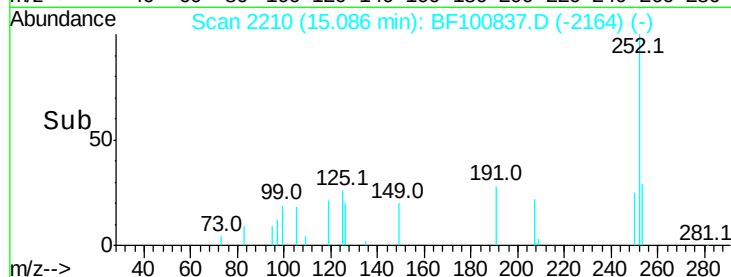
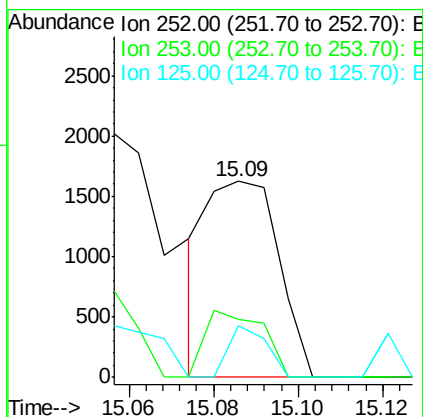
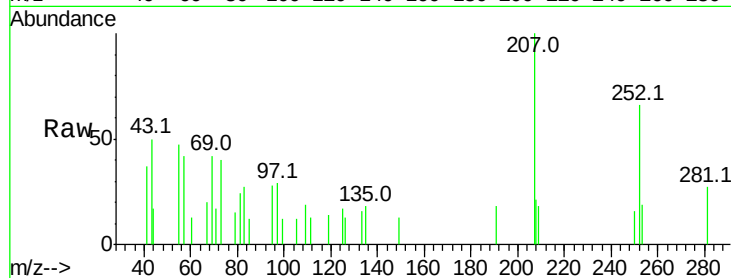




#88
Benzo(k)fluoranthene
Concen: 0.190 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.03 min
Lab File: BF100837.D
Acq: 22 Nov 2017 21:41

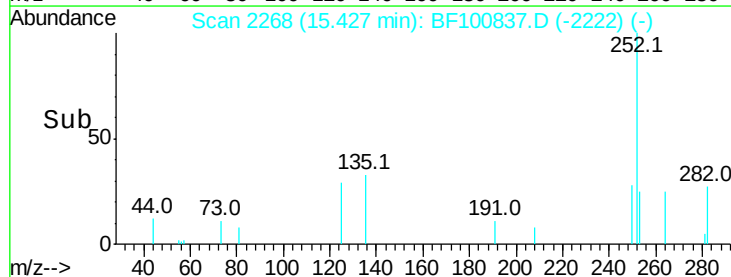
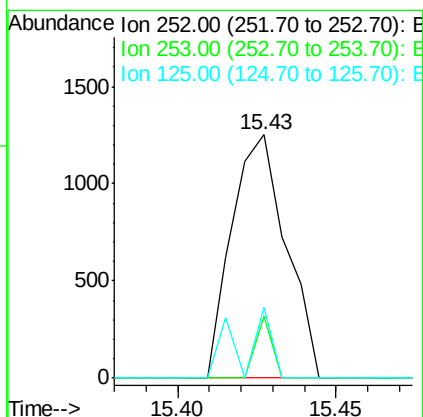
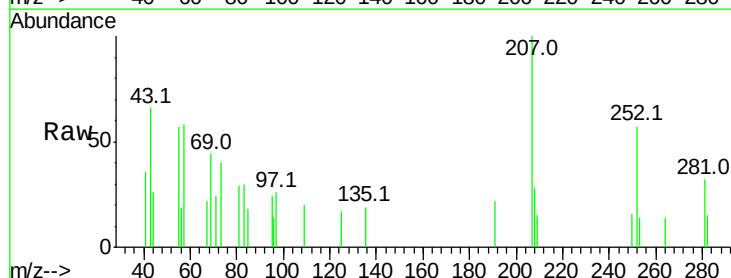
Instrument :
BNA_F
ClientSampleId :

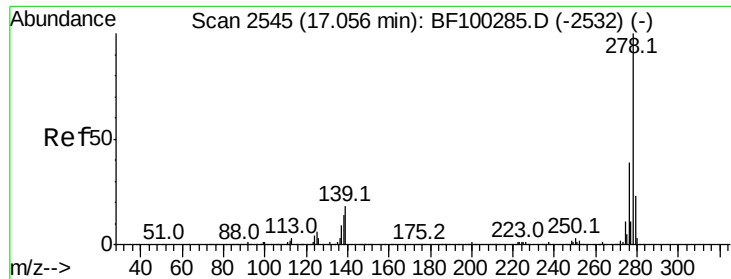
Tot Ion:252 Resp: 1900
Ion Ratio Lower Upper
252 100
253 29.4 17.9 26.9#
125 26.2 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 0.158 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.03 min
Lab File: BF100837.D
Acq: 22 Nov 2017 21:41

Tgt Ion:252 Resp: 1480
Ion Ratio Lower Upper
252 100
253 25.1 17.1 25.7
125 29.3 9.8 14.6#



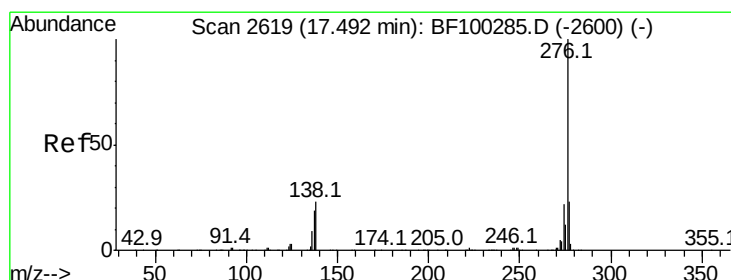
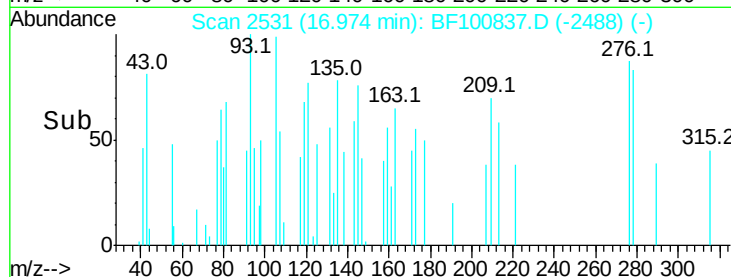
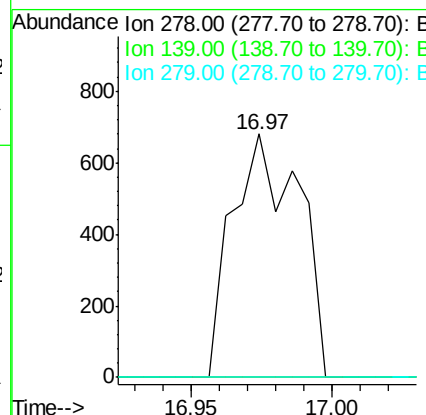
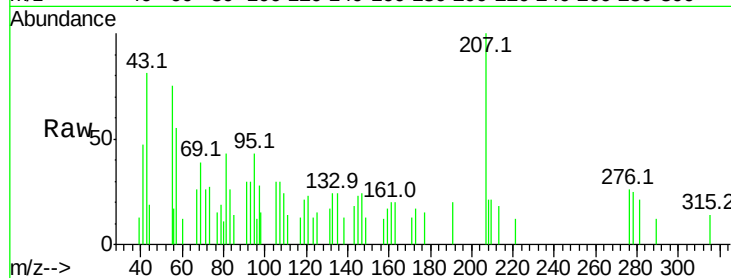


#90
Dibenzo(a,h)anthracene
Concen: 0.145 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.05 min
Lab File: BF100837.D
Acq: 22 Nov 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1111

Ion	Ratio	Lower	Upper
278	100		
139	0.0	15.9	23.9#
279	0.0	19.0	28.4#



#91
Benzo(g,h,i)perylene
Concen: 0.185 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.05 min
Lab File: BF100837.D
Acq: 22 Nov 2017 21:41

Tgt Ion:276 Resp: 1387

Ion	Ratio	Lower	Upper
276	100		
277	0.0	17.9	26.9#
138	0.0	21.8	32.8#

