

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100851.D
 Acq On : 23 Nov 2017 3:54
 Operator : SJ/JU
 Sample : I6548-05 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 23:46:13 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	74905	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	287659	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	126784	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	214743	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	144735	20.00	ng	-0.02
86) Perylene-d12	15.50	264	164060	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	94724	20.27	ng	-0.02
7) Phenol-d6	6.48	99	116060	20.14	ng	-0.03
23) Nitrobenzene-d5	7.42	82	66744	15.34	ng	-0.04
41) 2,4,6-Tribromophenol	10.68	330	25058	19.40	ng	-0.03
44) 2-Fluorobiphenyl	9.22	172	142129	17.07	ng	-0.02
78) Terphenyl-d14	12.96	244	92845	14.74	ng	-0.02

Target Compounds

						Qvalue
9) Benzaldehyde	6.62	77	2056	0.500	ng	83
10) Phenol	6.49	94	3831	0.633	ng	89
15) Benzyl Alcohol	7.01	79	1289	0.287	ng	# 48
19) n-Nitroso-di-n-propylamine	7.42	70	8385	2.098	ng	# 81
25) Isophorone	7.42	82	66742	7.300	ng	# 64
31) Naphthalene	8.16	128	1655	0.119	ng	# 80
37) 2-Methylnaphthalene	8.85	142	631	0.069	ng	# 91
45) 1,1'-Biphenyl	9.32	154	630	0.057	ng	83
47) 2-Nitroaniline	9.21	65	117	2.831	ng	# 5
48) Acenaphthylene	9.76	152	3581	0.272	ng	# 93
49) Dimethylphthalate	9.61	163	13267	1.371	ng	# 98
50) 2,6-Dinitrotoluene	9.90	165	15683	8.185	ng	# 25
51) Acenaphthene	9.93	154	1832	0.228	ng	88
54) Dibenzofuran	10.10	168	1989	0.177	ng	95
55) 4-Nitrophenol	10.10	139	635	0.346	ng	# 9
56) 2,4-Dinitrotoluene	9.90	165	15683	6.488	ng	# 23
57) Fluorene	10.45	166	1791	0.218	ng	# 94
59) Diethylphthalate	10.30	149	3573	0.369	ng	97
65) n-Nitrosodiphenylamine	10.68	169	843	0.113	ng	# 35
66) 4-Bromophenyl-phenylether	10.68	248	1493	0.649	ng	# 1
70) Phenanthrene	11.40	178	49548	4.382	ng	98
71) Anthracene	11.46	178	10938	0.954	ng	100
72) Carbazole	11.61	167	2878	0.272	ng	93
73) Di-n-butylphthalate	11.94	149	1657	0.134	ng	# 78
74) Fluoranthene	12.60	202	79446	6.630	ng	93
76) Benzdine	12.96	184	1023	0.176	ng	# 80
77) Pyrene	12.83	202	73385	7.113	ng	97
79) Butylbenzylphthalate	13.44	149	436	0.104	ng	# 39
80) Benzo(a)anthracene	14.01	228	37428	4.294	ng	99
81) 3,3'-Dichlorobenzidine	14.06	252	113	0.036	ng	# 32
82) Chrysene	14.04	228	34407	4.077	ng	96
83) Bis(2-ethylhexyl)phthalate	13.99	149	2422	0.438	ng	# 90
84) Di-n-octyl phthalate	14.60	149	1995	0.210	ng	# 87
85) Indeno(1,2,3-cd)pyrene	16.96	276	22073	3.233	ng	# 87

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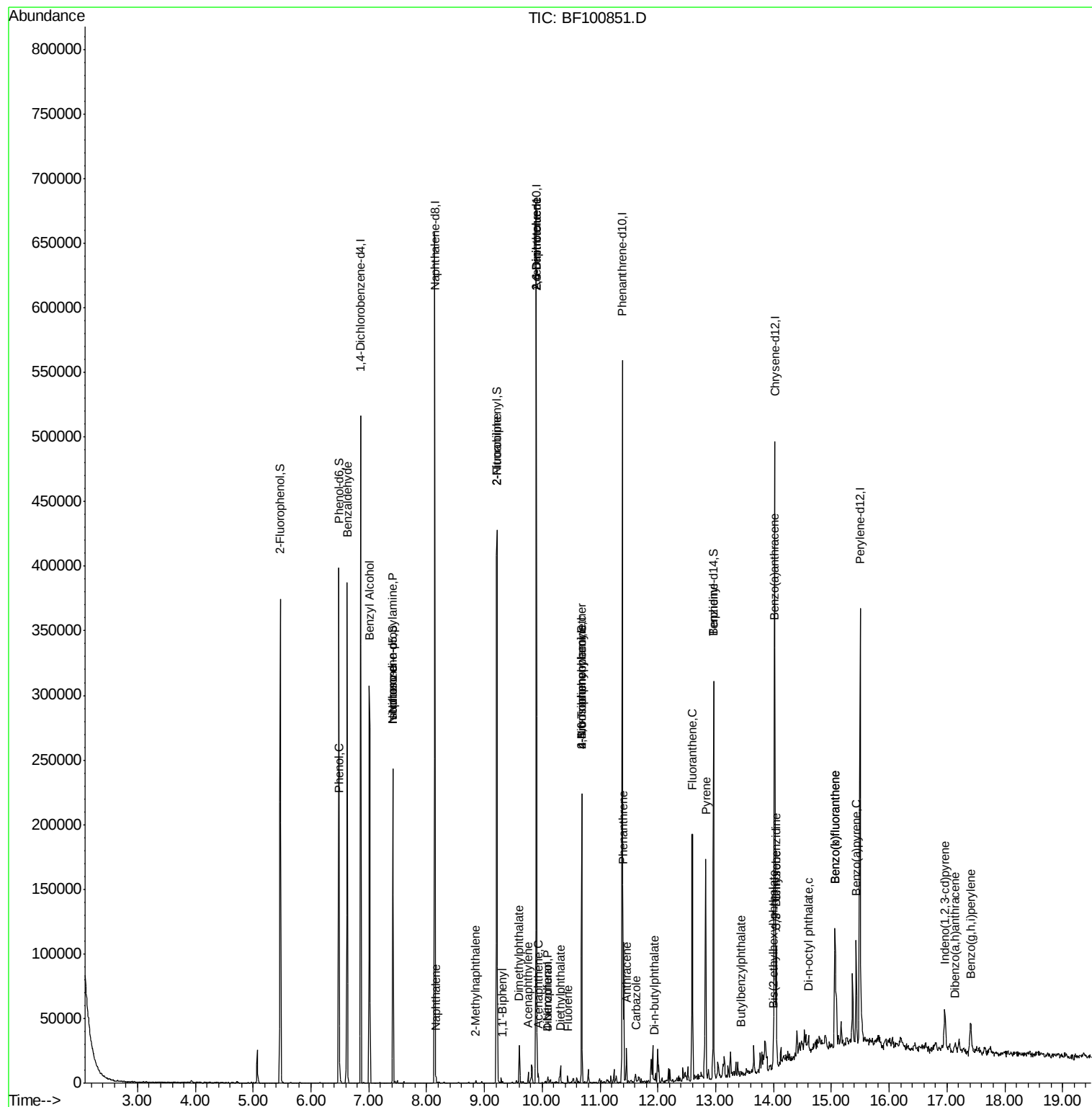
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) Benzo(b)fluoranthene	15.06	252	66866	6.879	ng	97
88) Benzo(k)fluoranthene	15.06	252	66866	7.281	ng	97
89) Benzo(a)pyrene	15.43	252	36731	4.263	ng	95
90) Dibenzo(a,h)anthracene	17.14	278	4578	0.650	ng	96
91) Benzo(g,h,i)perylene	17.41	276	18714	2.713	ng	94

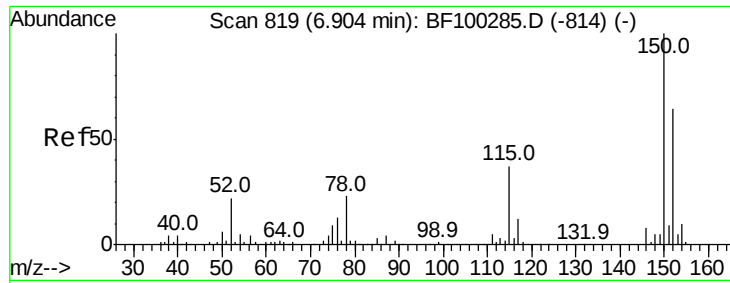
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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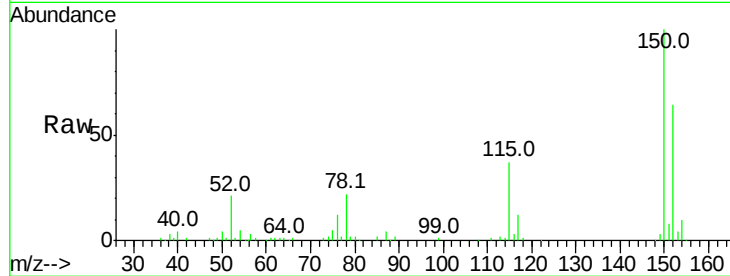


#1

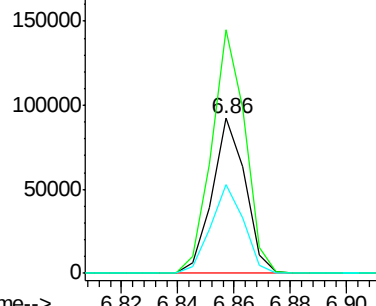
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100851.D
Acq: 23 Nov 2017 3:54

Instrument :
BNA_F
ClientSampleId :

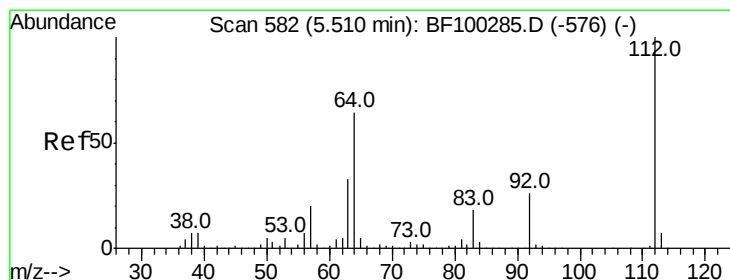
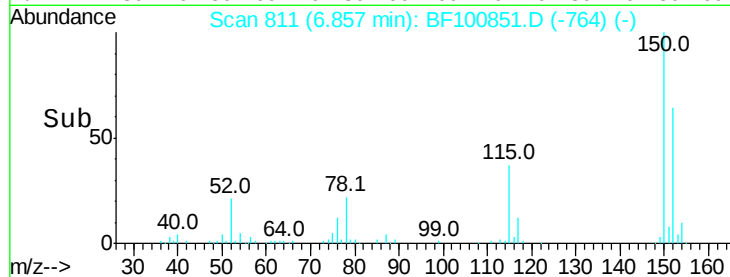
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	57.6	50.1	75.1



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



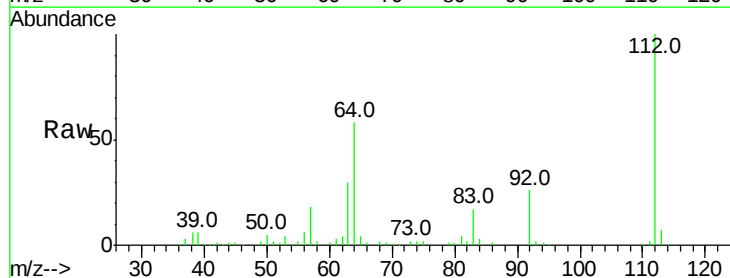
Time-->



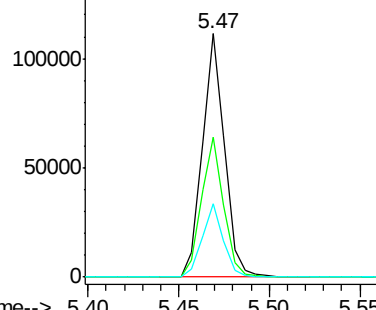
#5

2-Fluorophenol
Concen: 20.271 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.02 min
Lab File: BF100851.D
Acq: 23 Nov 2017 3:54

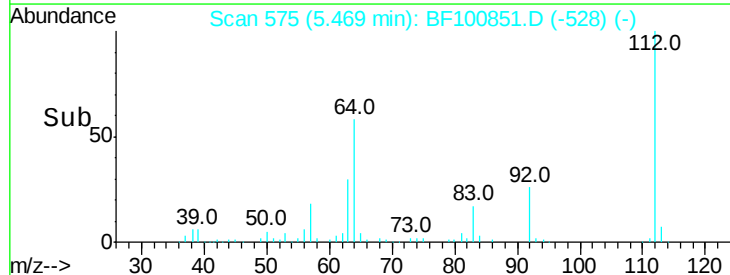
Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	47.9	71.9
63	29.9	23.7	35.5

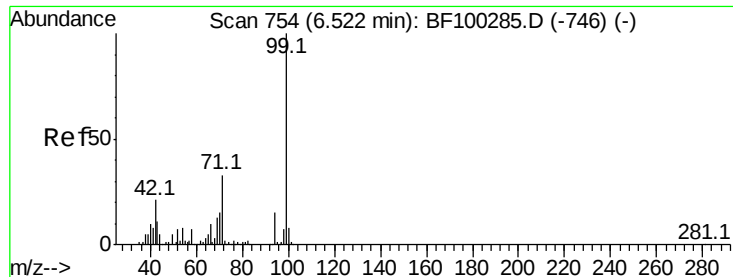


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



Time-->





#7

Phenol-d6

Concen: 20.142 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF100851.D

Acq: 23 Nov 2017 3:54

Instrument :

BNA_F

ClientSampleId :

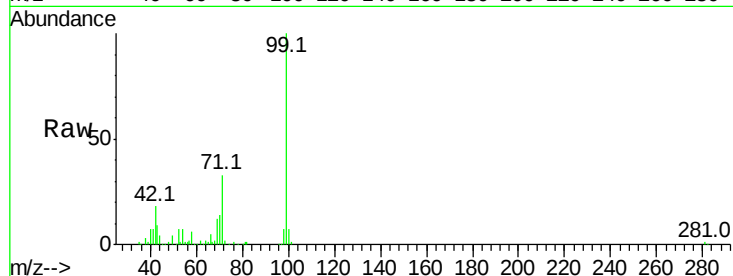
Tot Ion: 99 Resp: 116060

Ion Ratio Lower Upper

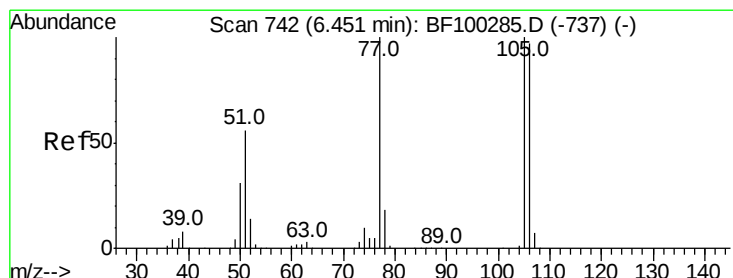
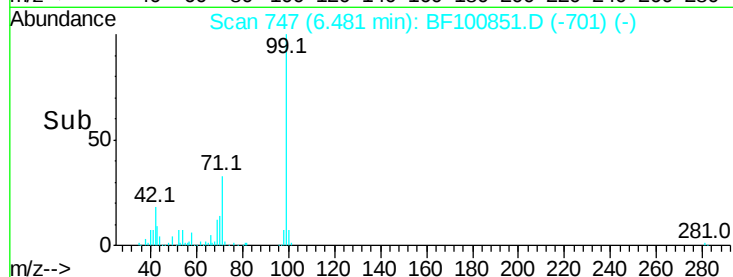
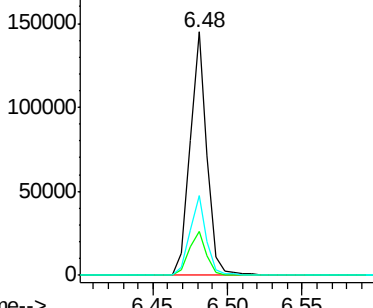
99 100

42 17.9 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: 0.500 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.19 min

Lab File: BF100851.D

Acq: 23 Nov 2017 3:54

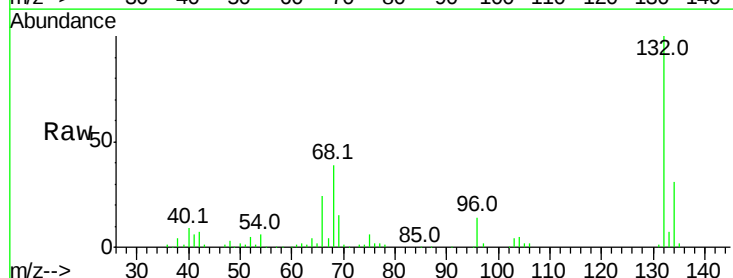
Tgt Ion: 77 Resp: 2056

Ion Ratio Lower Upper

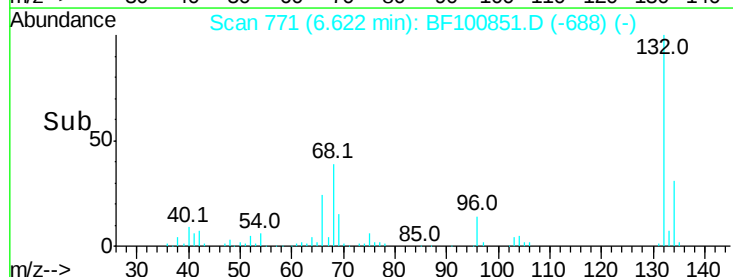
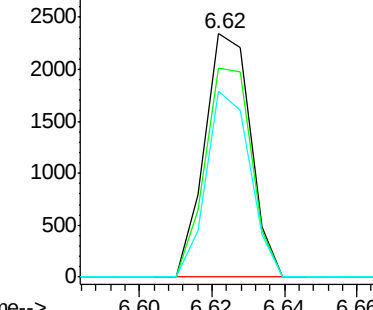
77 100

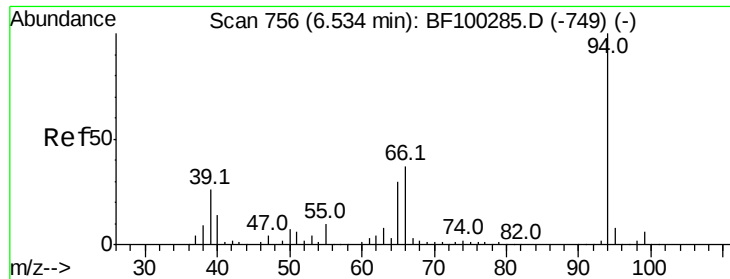
105 86.0 81.1 121.1

106 76.2 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: 0.633 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF100851.D

Acq: 23 Nov 2017 3:54

Instrument :

BNA_F

ClientSampleId :

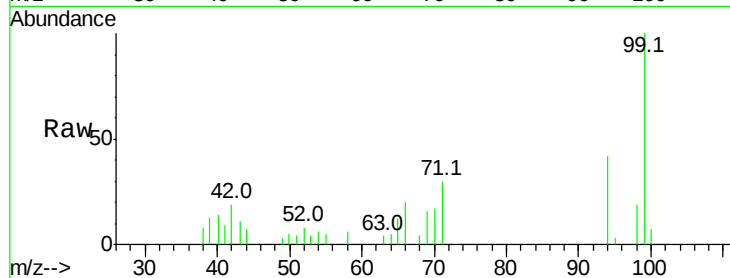
Tot Ion: 94 Resp: 3831

Ion Ratio Lower Upper

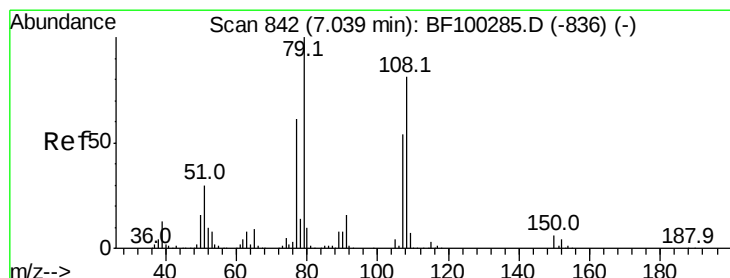
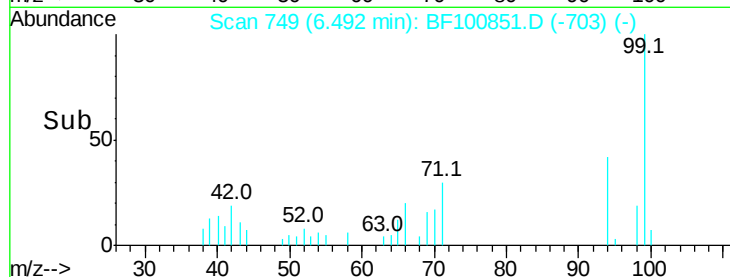
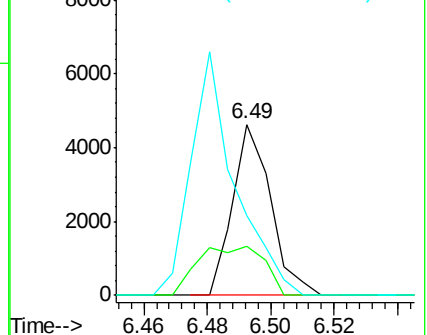
94 100

65 28.8 7.9 47.9

66 46.6 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



#15

Benzyl Alcohol

Concen: 0.287 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF100851.D

Acq: 23 Nov 2017 3:54

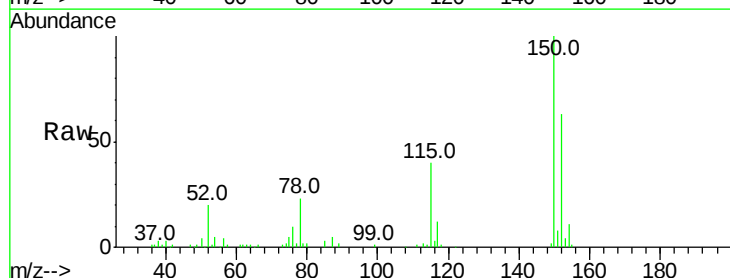
Tgt Ion: 79 Resp: 1289

Ion Ratio Lower Upper

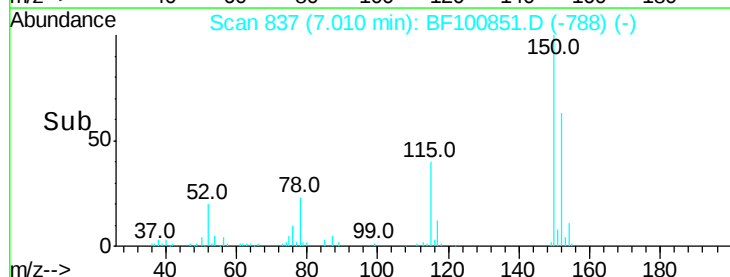
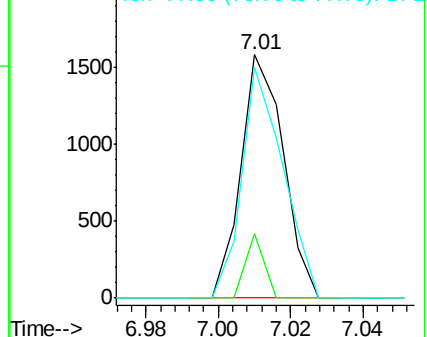
79 100

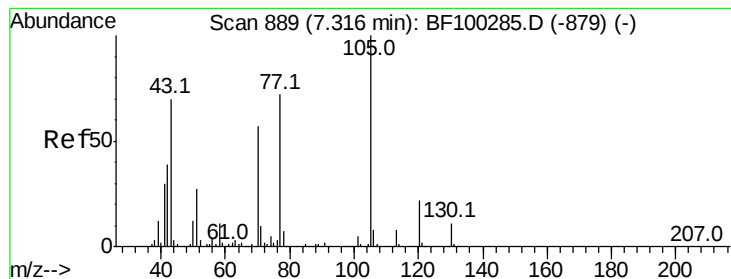
108 26.3 65.1 97.7#

77 94.6 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





#19

n-Nitroso-di-n-propylamine

Concen: 2.098 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.12 min

Lab File: BF100851.D

Acq: 23 Nov 2017 3:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 8385

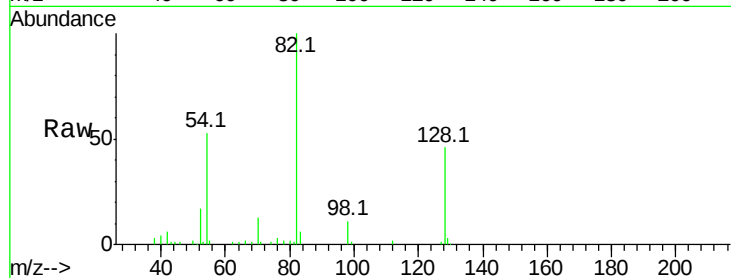
Ion Ratio Lower Upper

70 100

42 51.2 47.5 71.3

101 0.0 7.4 11.2#

130 3.3 16.6 25.0#

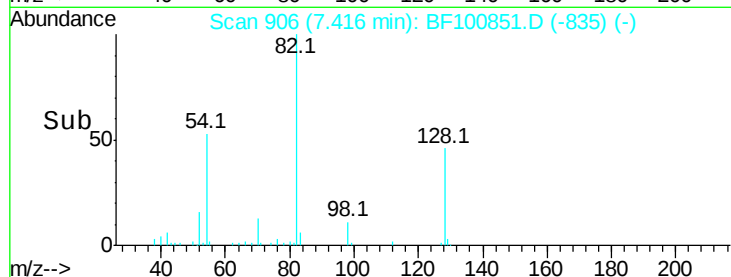


Abundance Ion 70.00 (69.70 to 70.70): BF1

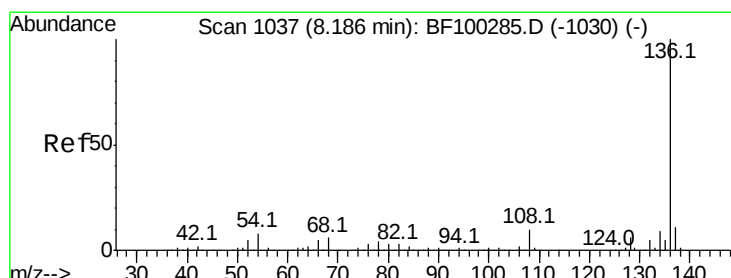
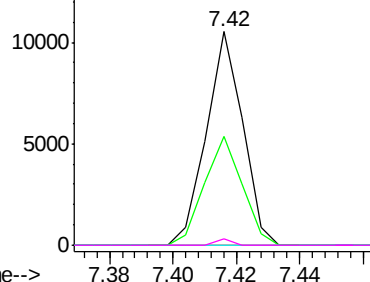
Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BF100851.D

Acq: 23 Nov 2017 3:54

Tgt Ion: 136 Resp: 287659

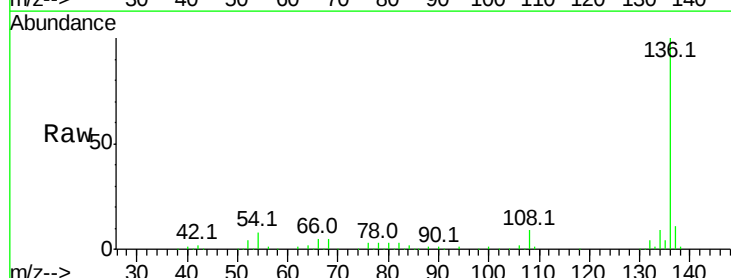
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.3 6.6 9.8

68 5.0 5.0 7.4

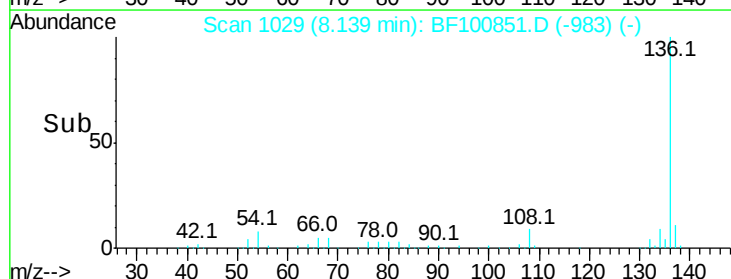


Abundance Ion 136.00 (135.70 to 136.70): BF1

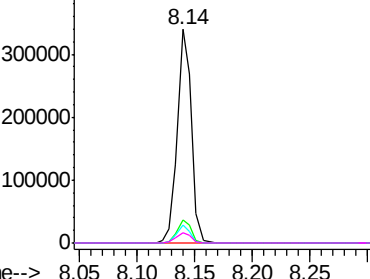
Ion 137.00 (136.70 to 137.70): BF1

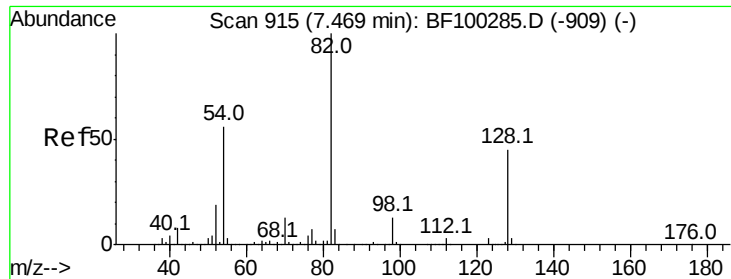
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->

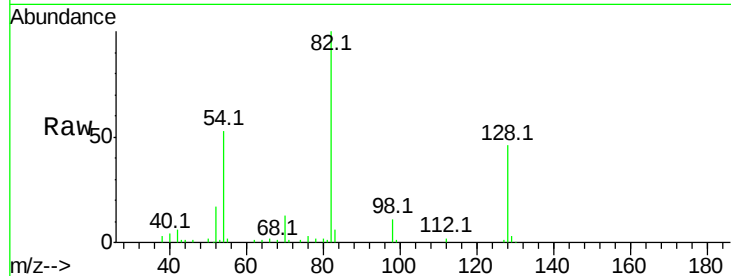




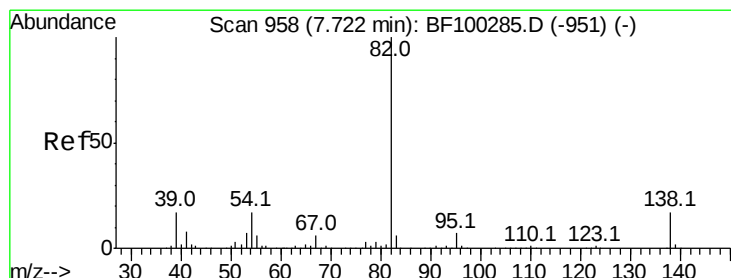
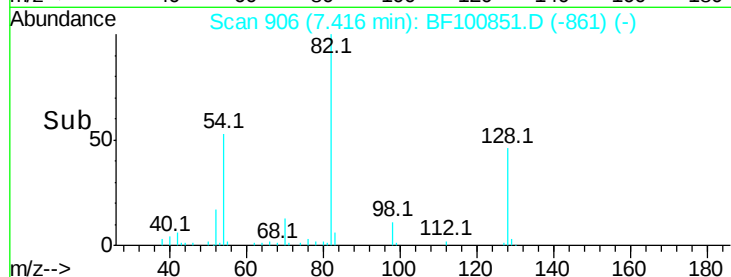
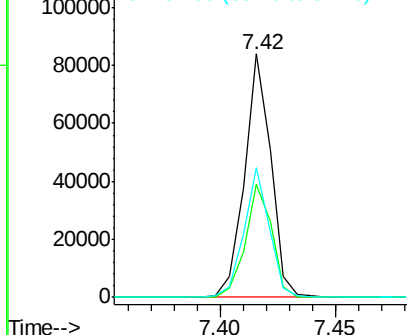
#23
Nitrobenzene-d5
Concen: 15.340 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.04 min
Lab File: BF100851.D
Acq: 23 Nov 2017 3:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 66744
Ion Ratio Lower Upper
82 100
128 46.4 36.1 54.1
54 53.5 41.4 62.2

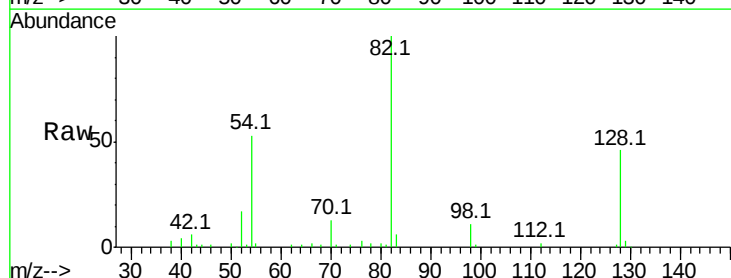


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

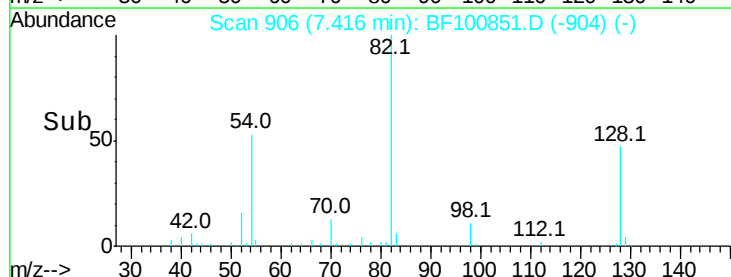
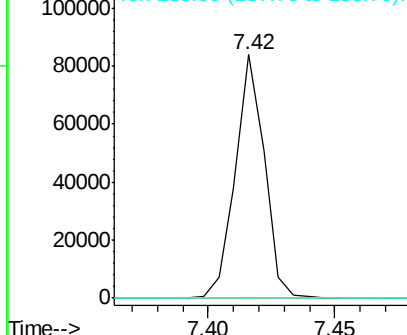


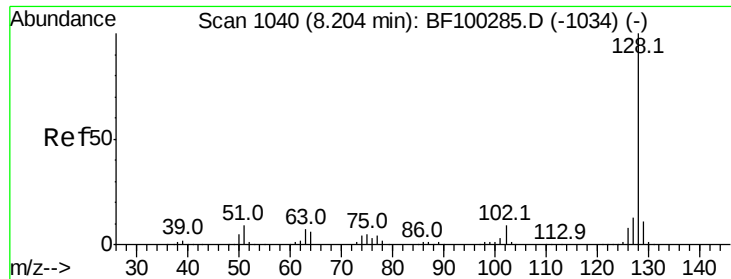
#25
Isophorone
Concen: 7.300 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.29 min
Lab File: BF100851.D
Acq: 23 Nov 2017 3:54

Tgt Ion: 82 Resp: 66742
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

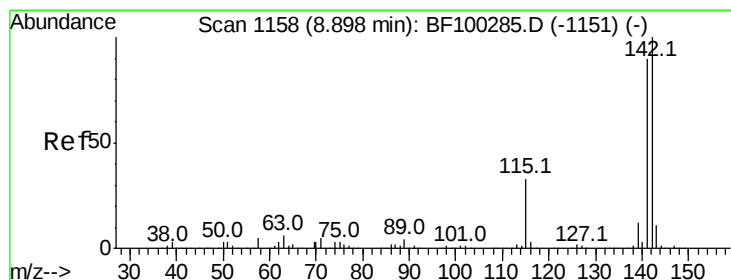
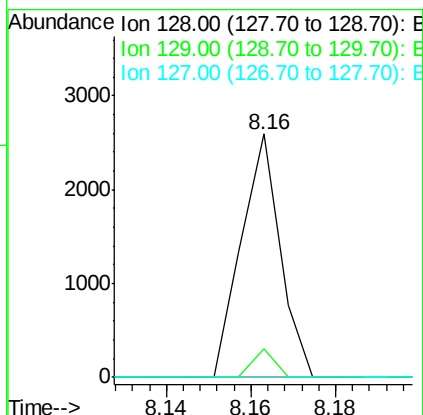
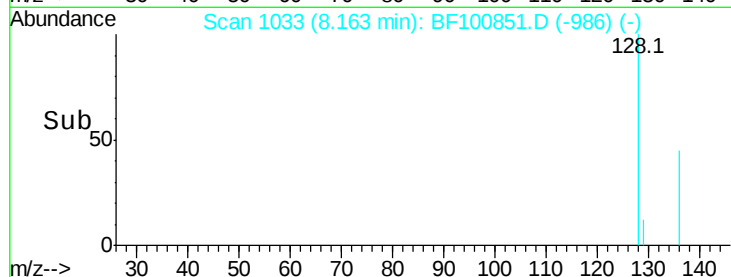
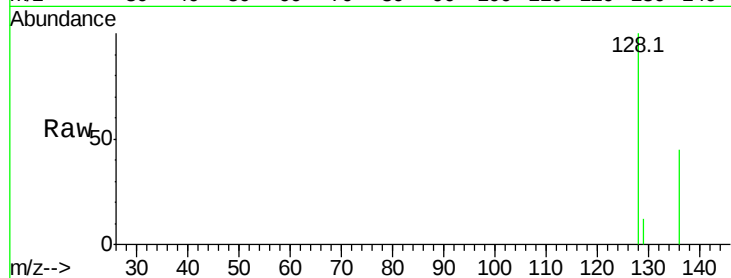




#31
Naphthalene
Concen: 0.119 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BF100851.D
Acq: 23 Nov 2017 3:54

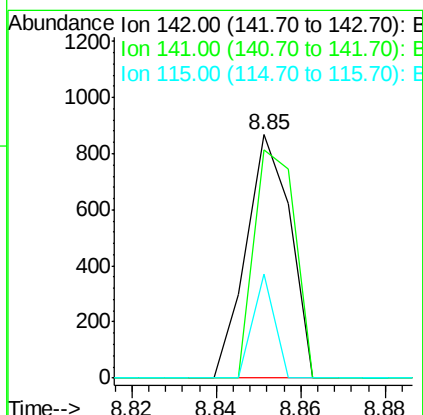
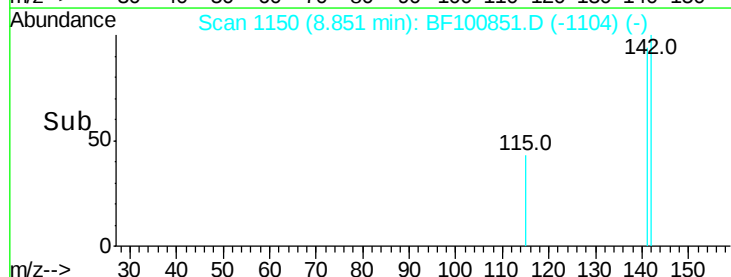
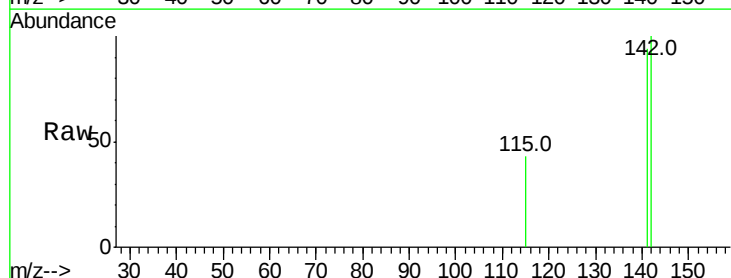
Instrument :
BNA_F
ClientSampleId :

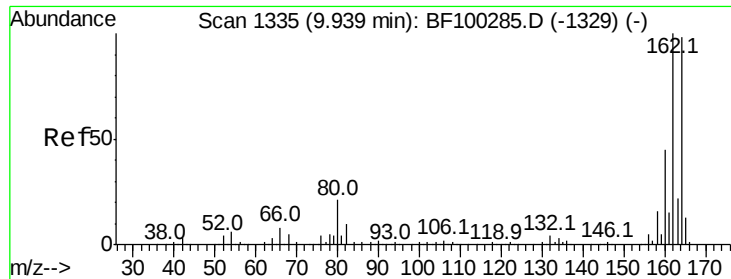
Tot Ion:128 Resp: 1655
Ion Ratio Lower Upper
128 100
129 11.9 8.8 13.2
127 0.0 10.9 16.3#



#37
2-Methylnaphthalene
Concen: 0.069 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.03 min
Lab File: BF100851.D
Acq: 23 Nov 2017 3:54

Tgt Ion:142 Resp: 631
Ion Ratio Lower Upper
142 100
141 93.8 70.8 106.2
115 43.0 26.1 39.1#

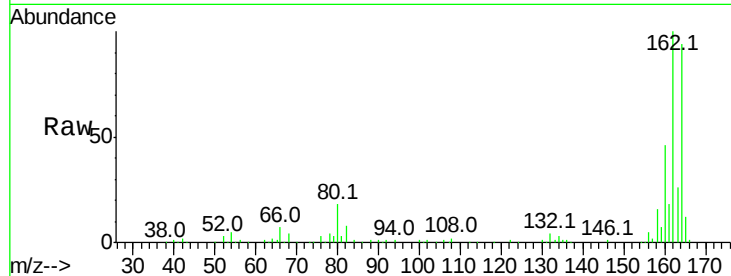




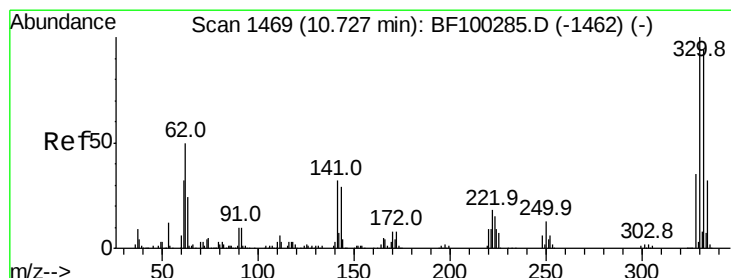
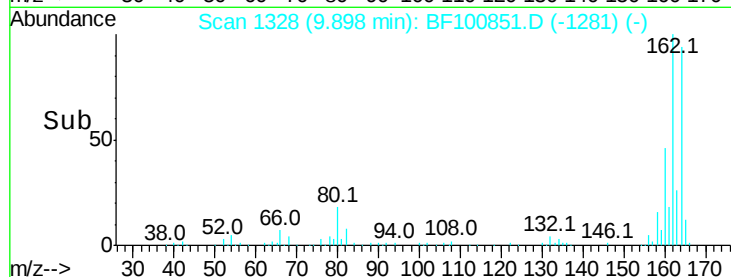
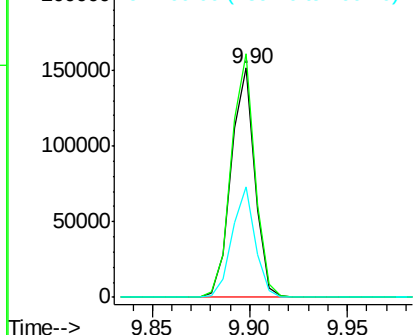
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BF100851.D
Acq: 23 Nov 2017 3:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 126784
Ion Ratio Lower Upper
164 100
162 106.3 86.1 129.1
160 48.5 38.3 57.5

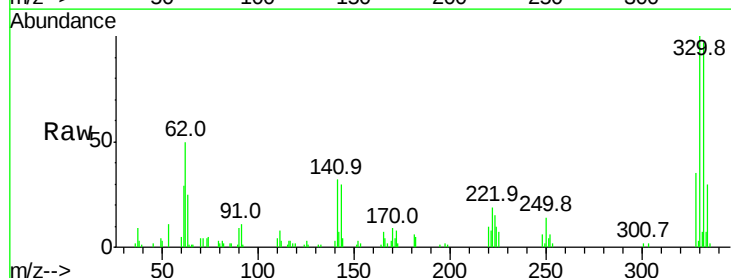


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

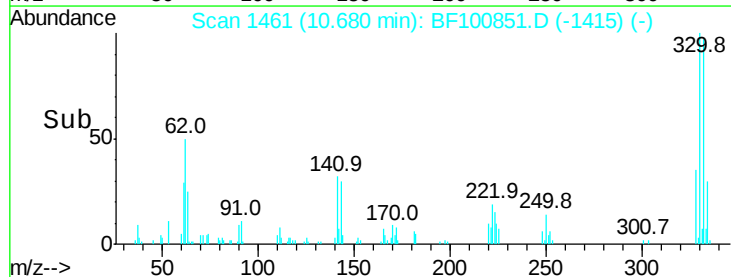
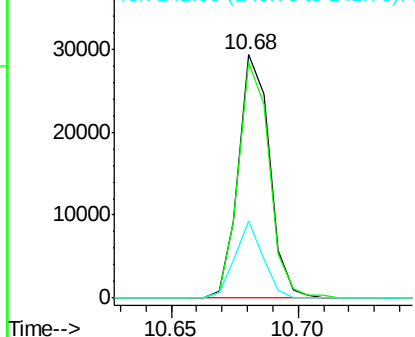


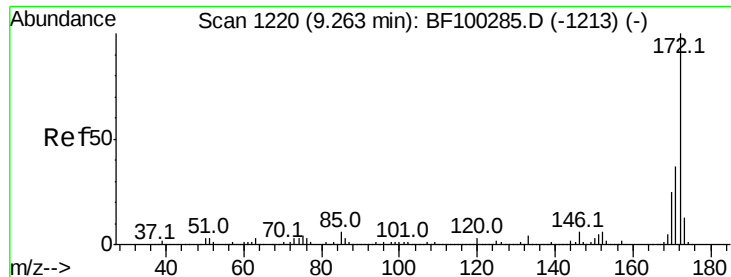
#41
2,4,6-Tribromophenol
Concen: 19.396 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.03 min
Lab File: BF100851.D
Acq: 23 Nov 2017 3:54

Tgt Ion:330 Resp: 25058
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 28.1 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

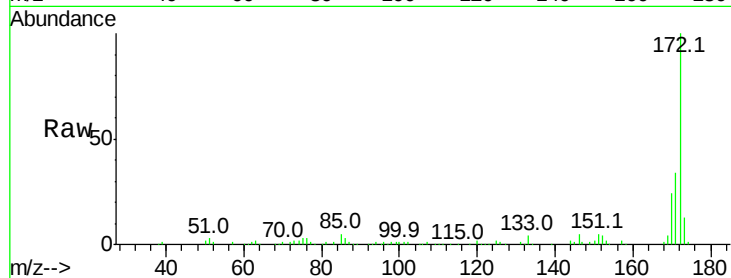




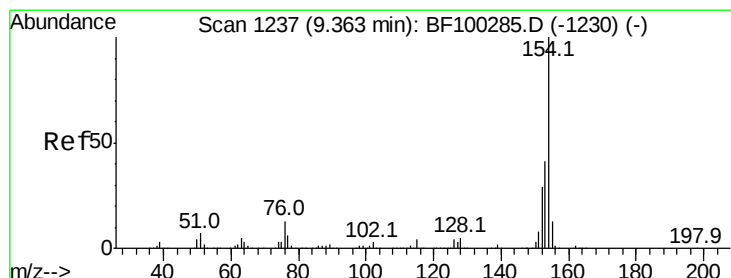
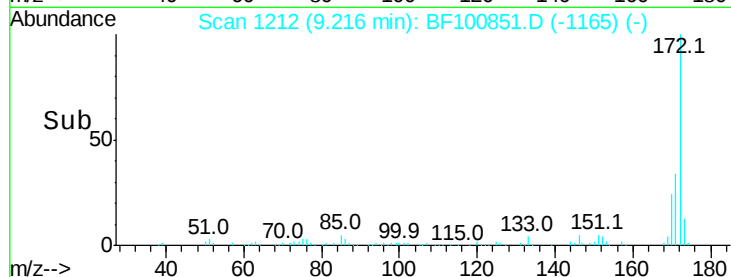
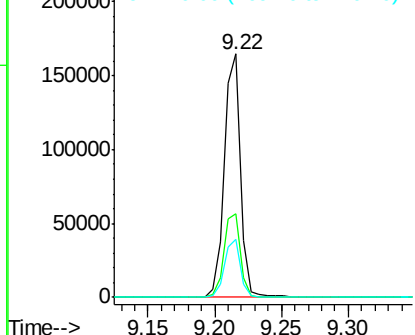
#44
 2-Fluorobiphenyl
 Concen: 17.070 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF100851.D
 Acq: 23 Nov 2017 3:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 142129
 Ion Ratio Lower Upper
 172 100
 171 34.3 29.7 44.5
 170 23.6 19.6 29.4

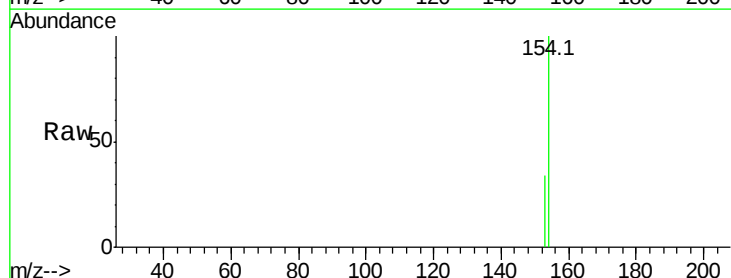


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

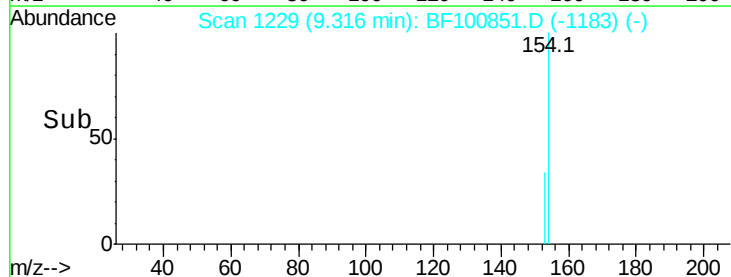
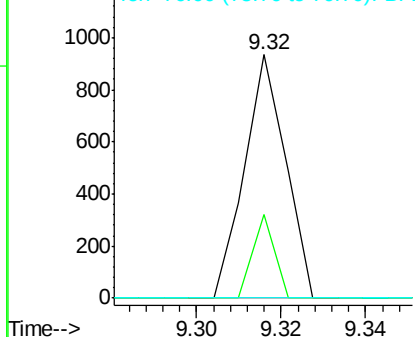


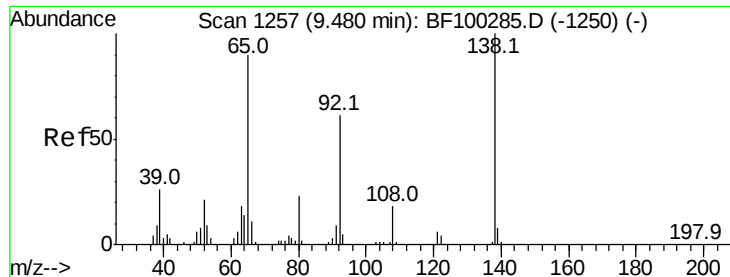
#45
 1,1'-Biphenyl
 Concen: 0.057 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.03 min
 Lab File: BF100851.D
 Acq: 23 Nov 2017 3:54

Tgt Ion:154 Resp: 630
 Ion Ratio Lower Upper
 154 100
 153 34.2 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





#47

2-Nitroaniline

Concen: 2.831 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.25 min

Lab File: BF100851.D

Acq: 23 Nov 2017 3:54

Instrument :

BNA_F

ClientSampleId :

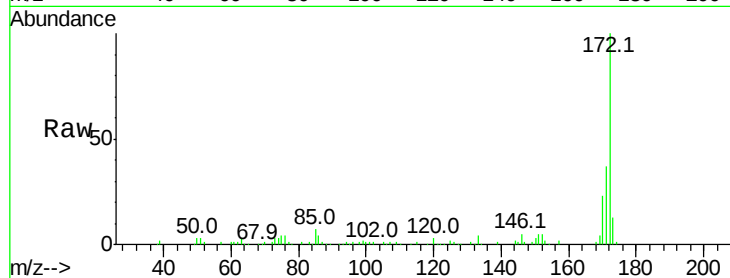
Tot Ion: 65 Resp: 117

Ion Ratio Lower Upper

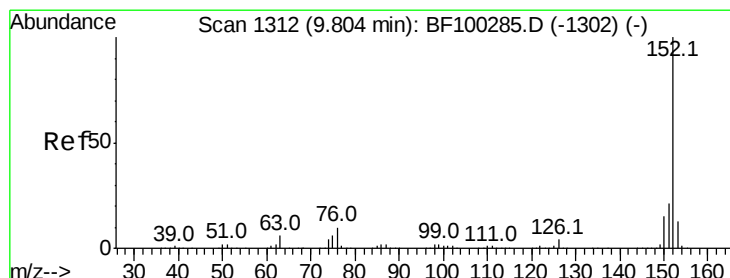
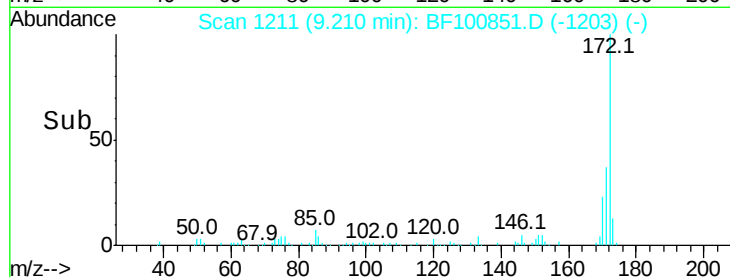
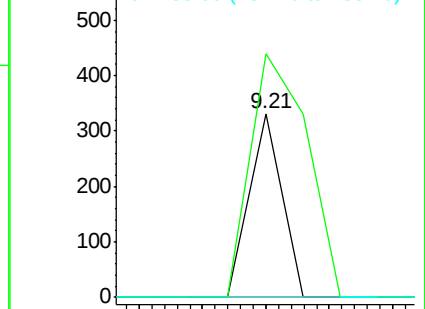
65 100

92 132.2 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): BF1



#48

Acenaphthylene

Concen: 0.272 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.03 min

Lab File: BF100851.D

Acq: 23 Nov 2017 3:54

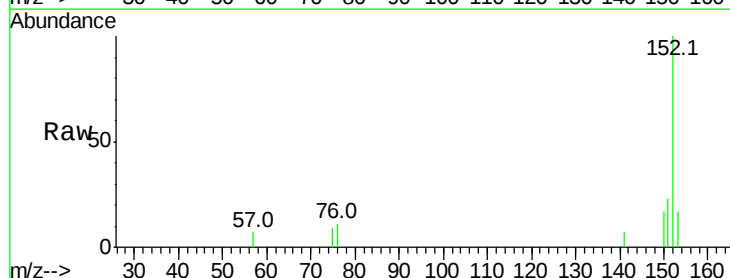
Tgt Ion: 152 Resp: 3581

Ion Ratio Lower Upper

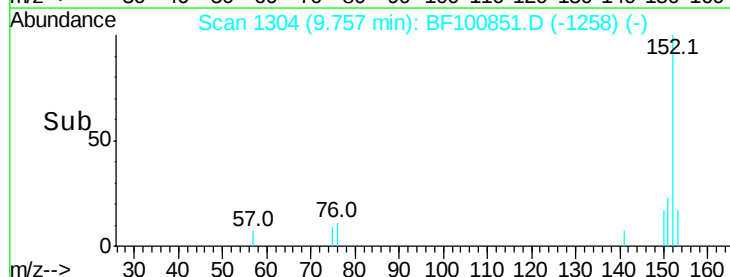
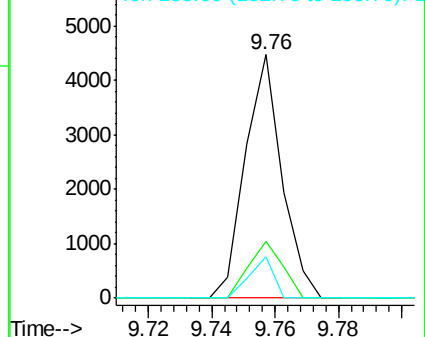
152 100

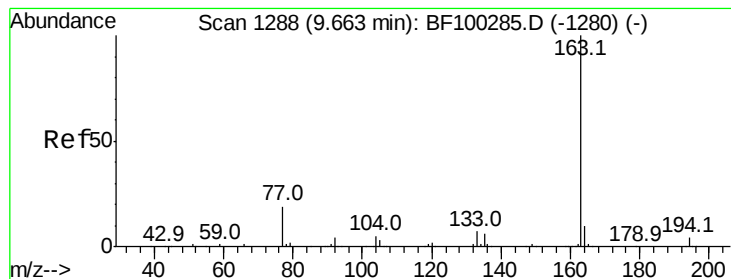
151 23.2 16.3 24.5

153 17.2 10.7 16.1#



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 1.371 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.03 min

Lab File: BF100851.D

Acq: 23 Nov 2017 3:54

Instrument :

BNA_F

ClientSampleId :

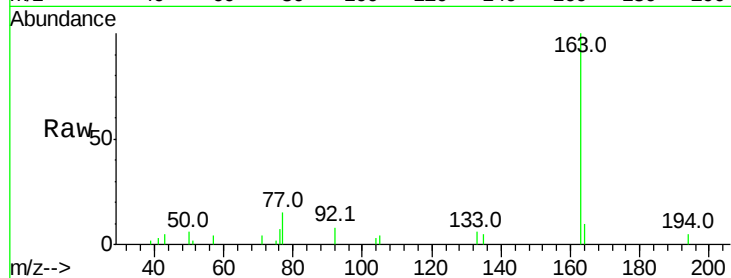
Tot Ion:163 Resp: 13267

Ion Ratio Lower Upper

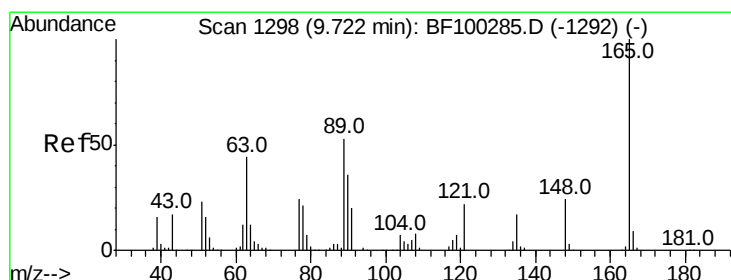
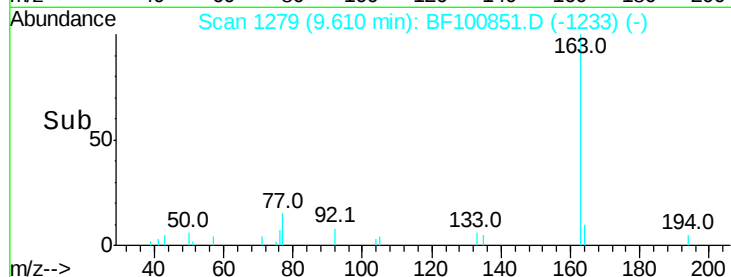
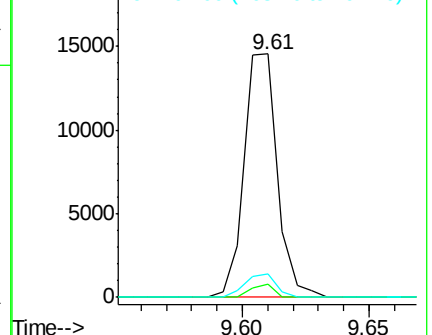
163 100

194 5.2 2.7 4.1#

164 9.7 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: 8.185 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.19 min

Lab File: BF100851.D

Acq: 23 Nov 2017 3:54

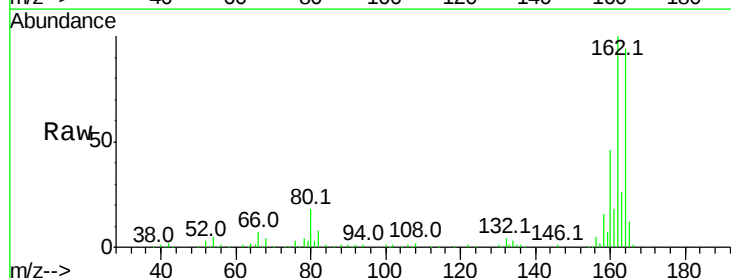
Tgt Ion:165 Resp: 15683

Ion Ratio Lower Upper

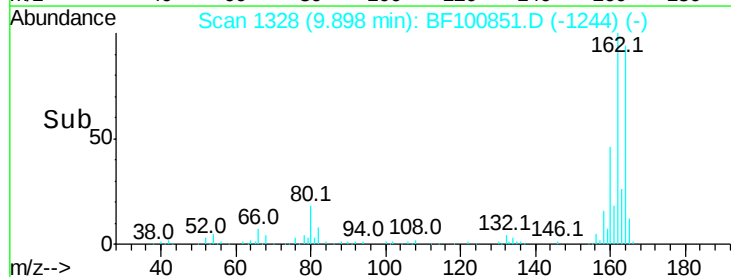
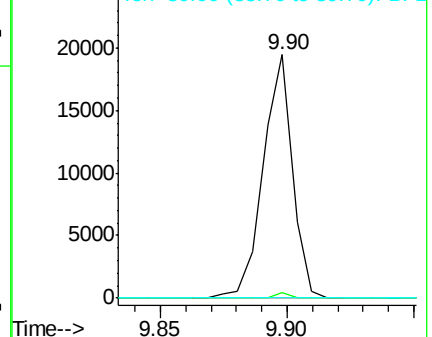
165 100

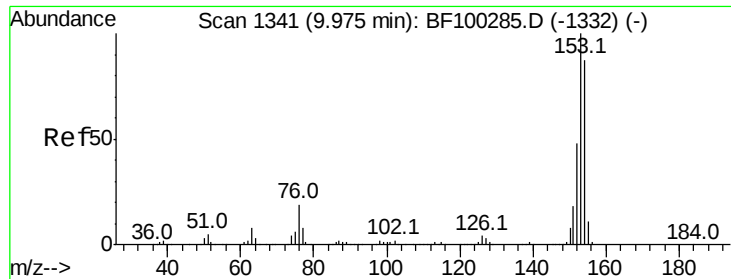
63 2.1 44.7 67.1#

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





#51

Acenaphthene

Concen: 0.228 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.03 min

Lab File: BF100851.D

Acq: 23 Nov 2017 3:54

Instrument :

BNA_F

ClientSampleId :

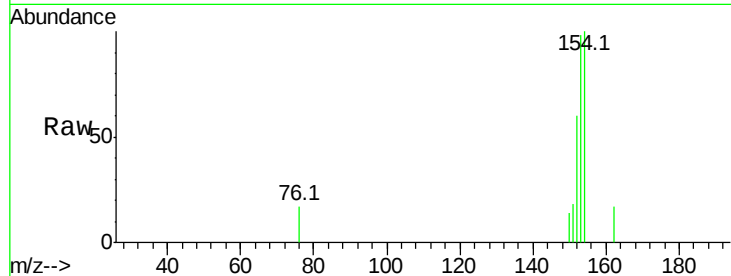
Tot Ion:154 Resp: 1832

Ion Ratio Lower Upper

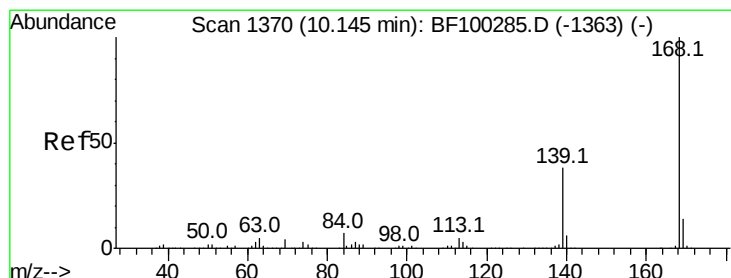
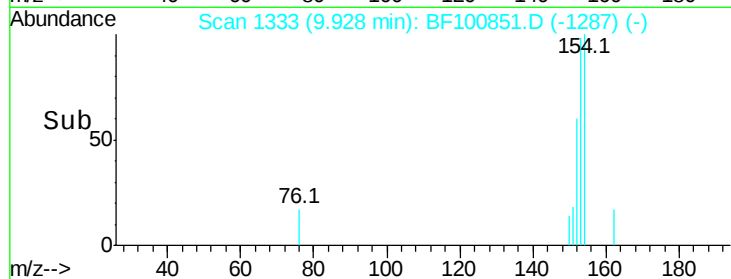
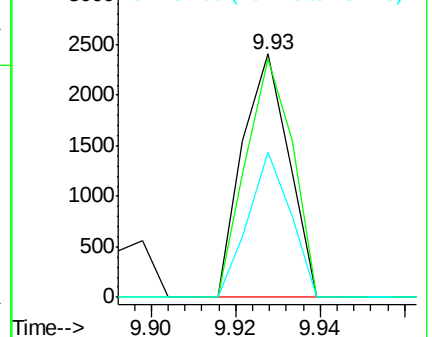
154 100

153 97.8 91.2 136.8

152 59.6 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



#54

Dibenzofuran

Concen: 0.177 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.03 min

Lab File: BF100851.D

Acq: 23 Nov 2017 3:54

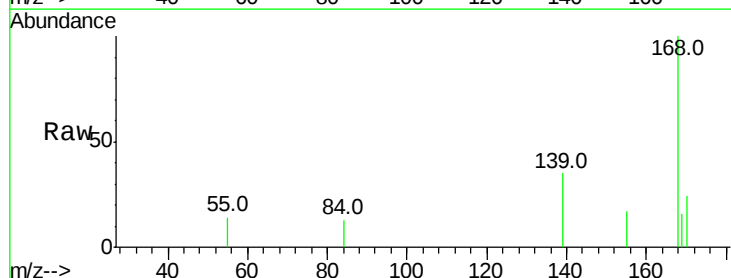
Tgt Ion:168 Resp: 1989

Ion Ratio Lower Upper

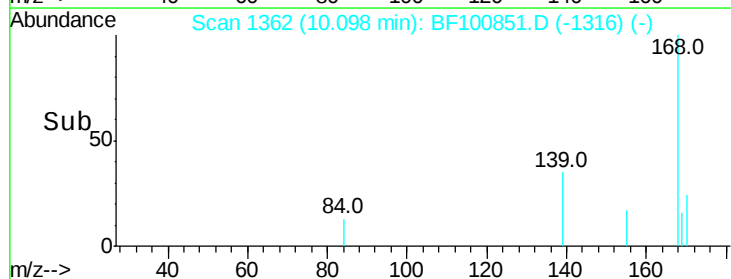
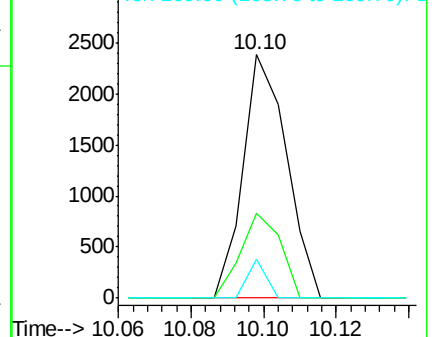
168 100

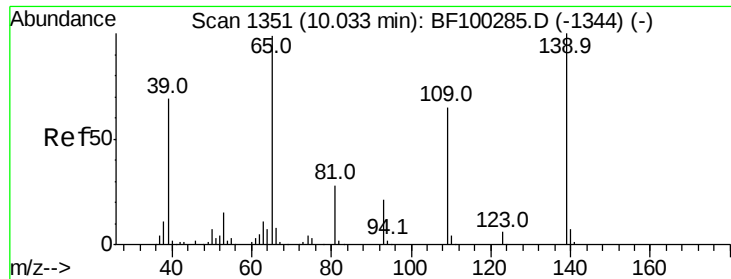
139 35.1 30.1 45.1

169 15.9 10.9 16.3



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





#55

4-Nitrophenol

Concen: 0.346 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.08 min

Lab File: BF100851.D

Acq: 23 Nov 2017 3:54

Instrument :

BNA_F

ClientSampled :

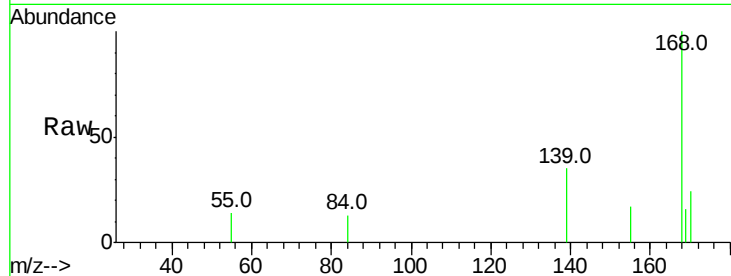
Tot Ion:139 Resp: 635

Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

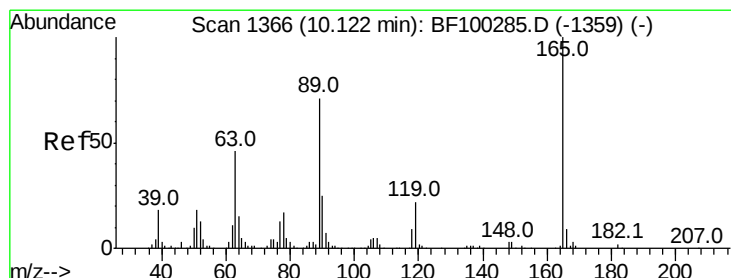
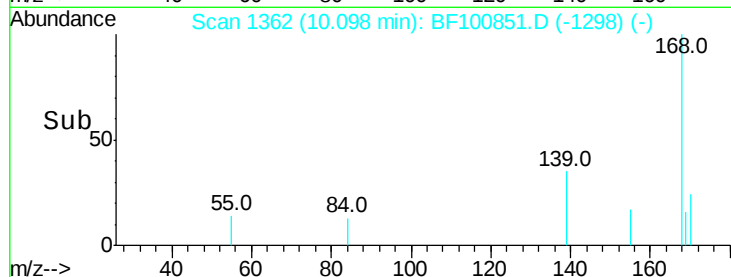
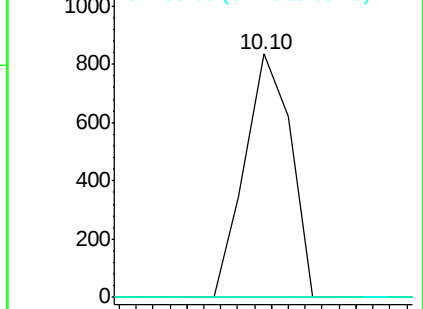
65 0.0 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 6.488 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.21 min

Lab File: BF100851.D

Acq: 23 Nov 2017 3:54

Tgt Ion:165 Resp: 15683

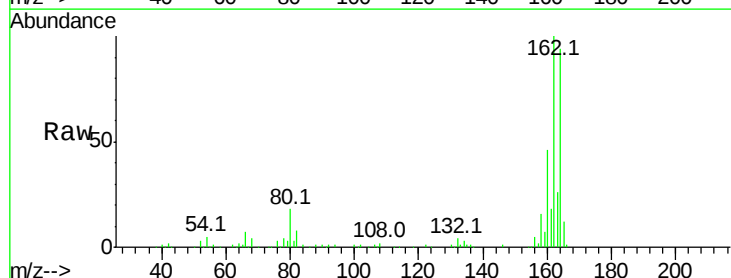
Ion Ratio Lower Upper

165 100

63 2.1 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

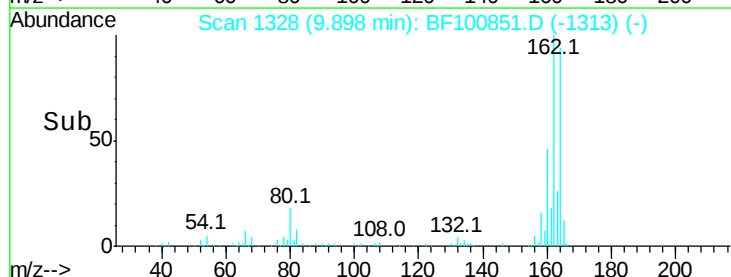
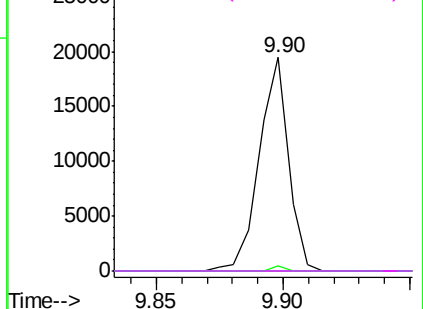


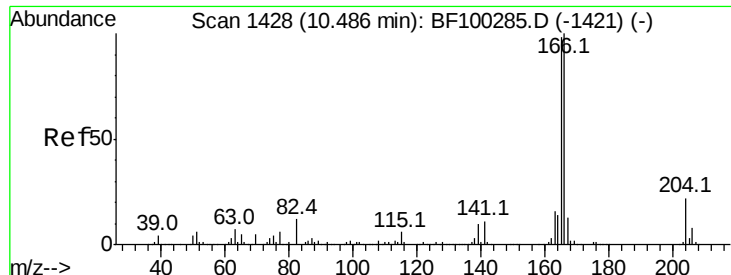
Abundance Ion 165.00 (164.70 to 165.70): E

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

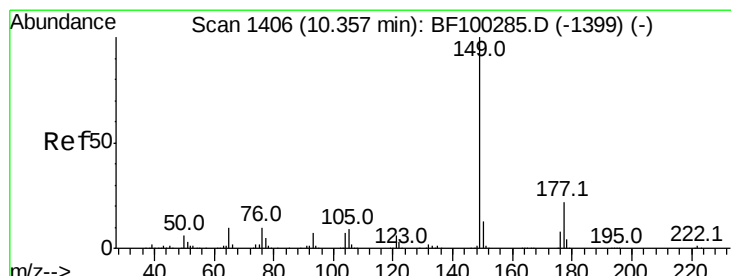
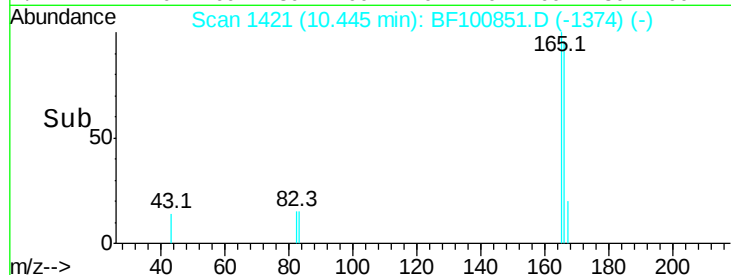
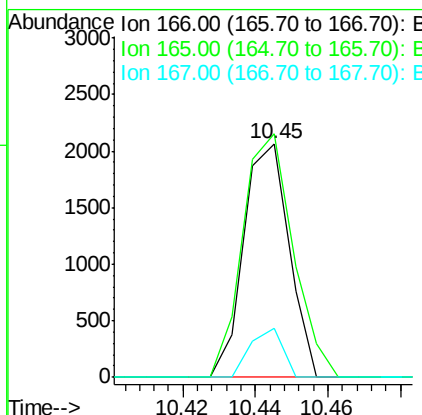
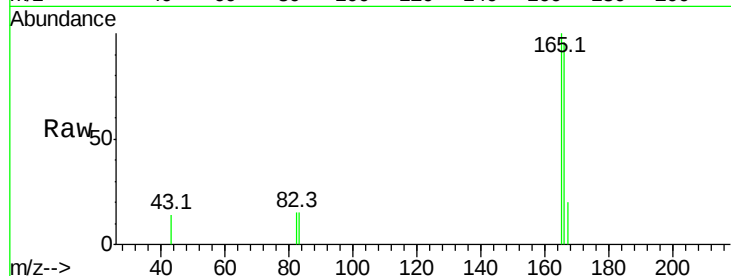




#57
 Fluorene
 Concen: 0.218 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.02 min
 Lab File: BF100851.D
 Acq: 23 Nov 2017 3:54

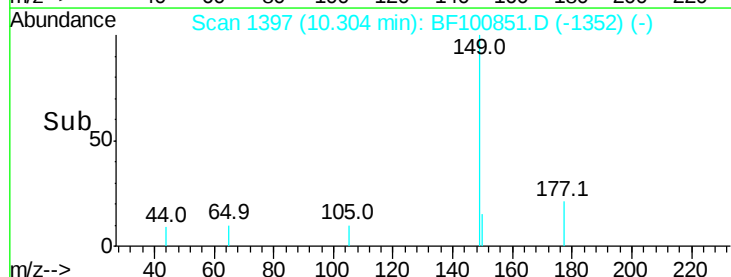
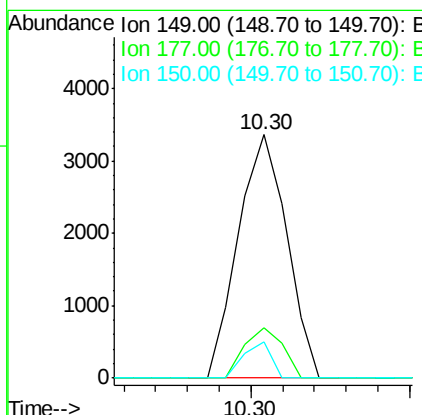
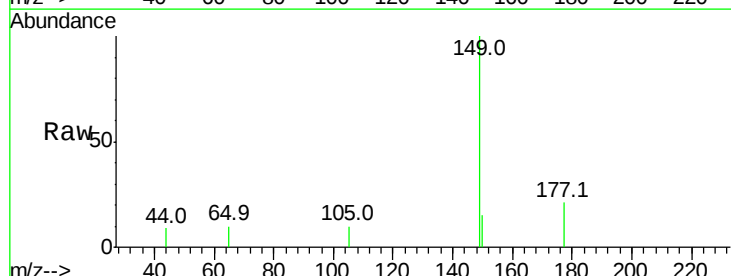
Instrument :
 BNA_F
 ClientSampleId :

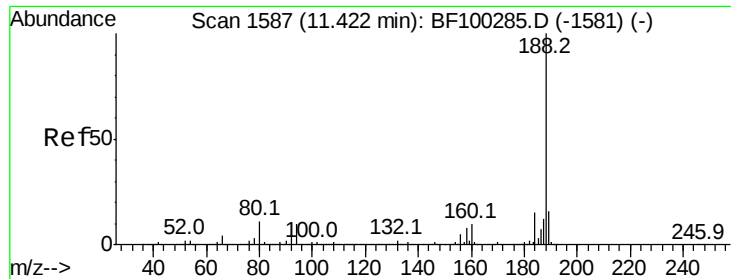
Tot Ion:166 Resp: 1791
 Ion Ratio Lower Upper
 166 100
 165 104.1 79.8 119.8
 167 20.7 10.6 16.0#



#59
 Diethylphthalate
 Concen: 0.369 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.04 min
 Lab File: BF100851.D
 Acq: 23 Nov 2017 3:54

Tgt Ion:149 Resp: 3573
 Ion Ratio Lower Upper
 149 100
 177 20.7 16.1 24.1
 150 14.7 10.1 15.1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BF100851.D

Acq: 23 Nov 2017 3:54

Instrument :

BNA_F

ClientSampleId :

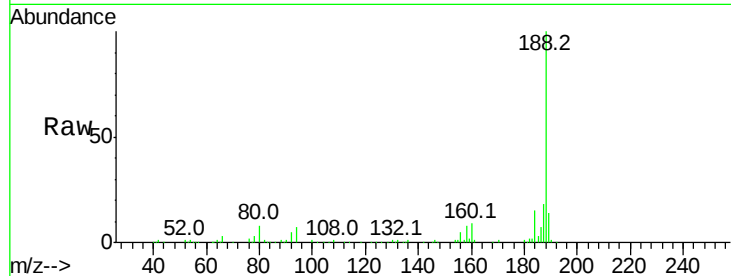
Tot Ion:188 Resp: 214743

Ion Ratio Lower Upper

188 100

94 7.4 8.5 12.7#

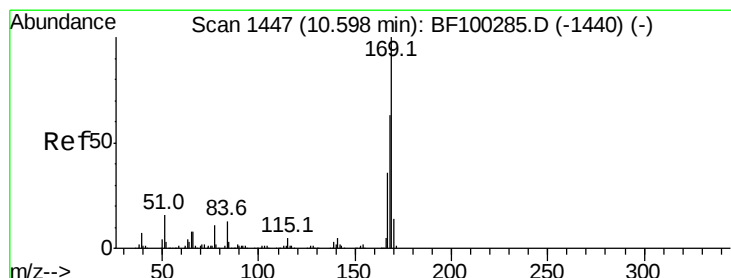
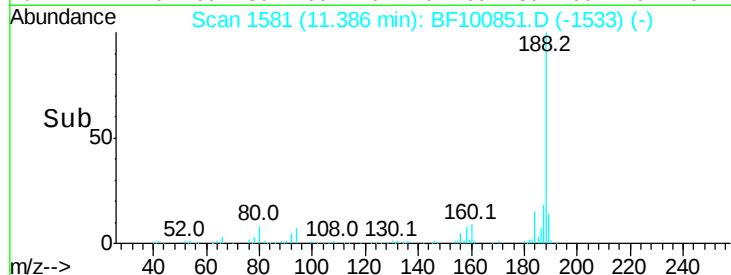
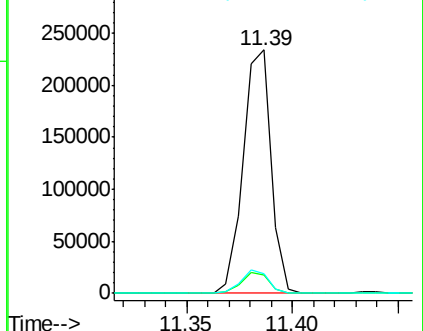
80 8.3 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

n-Nitrosodiphenylamine

Concen: 0.113 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.10 min

Lab File: BF100851.D

Acq: 23 Nov 2017 3:54

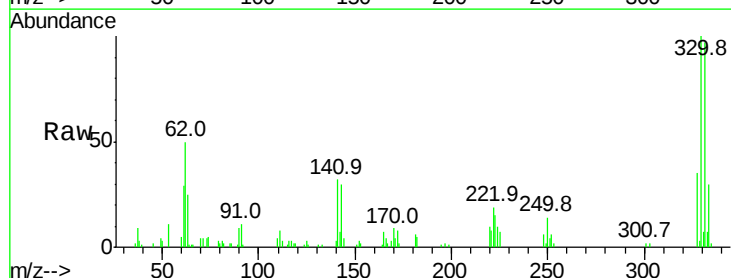
Tgt Ion:169 Resp: 843

Ion Ratio Lower Upper

169 100

168 0.0 54.4 81.6#

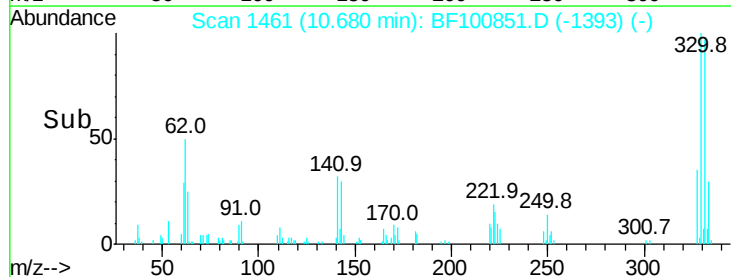
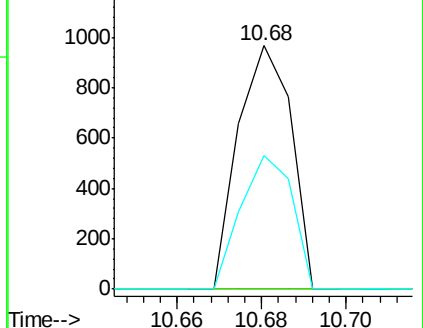
167 55.0 29.8 44.6#

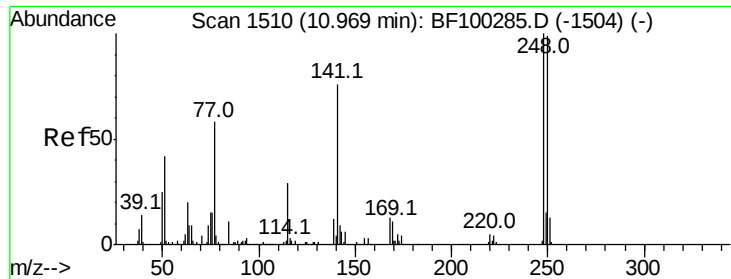


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

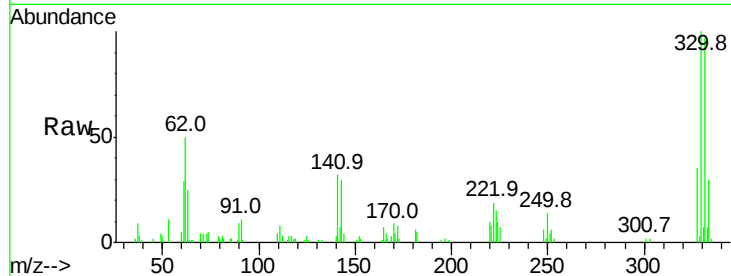




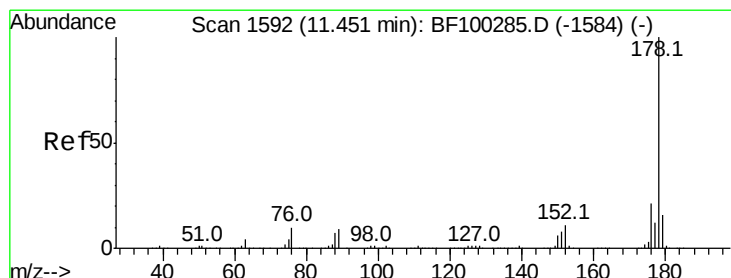
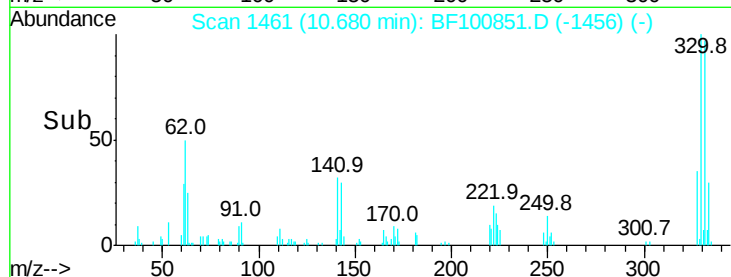
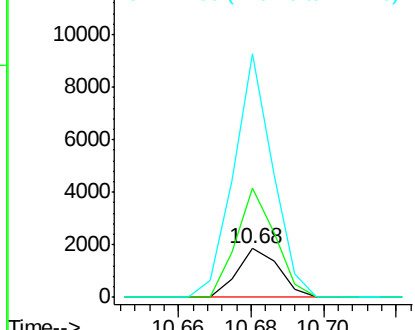
#66
4-Bromophenyl-phenylether
Concen: 0.649 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.27 min
Lab File: BF100851.D
Acq: 23 Nov 2017 3:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 1493
Ion Ratio Lower Upper
248 100
250 224.4 76.9 115.3#
141 499.0 74.4 111.6#

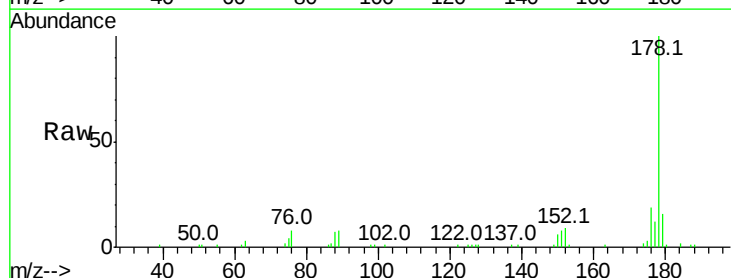


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

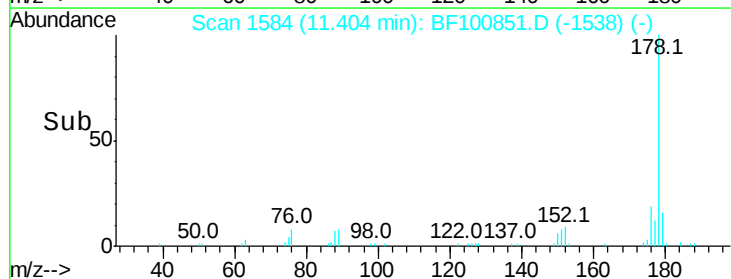
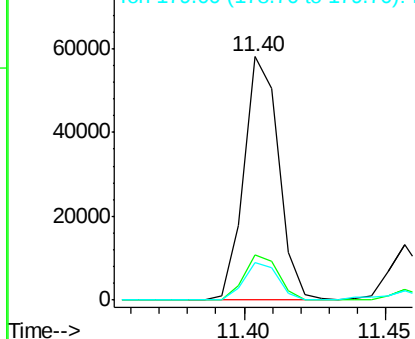


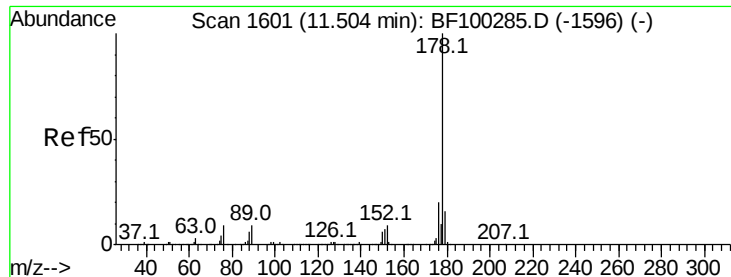
#70
Phenanthrene
Concen: 4.382 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.03 min
Lab File: BF100851.D
Acq: 23 Nov 2017 3:54

Tgt Ion:178 Resp: 49548
Ion Ratio Lower Upper
178 100
176 18.7 15.8 23.8
179 15.6 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

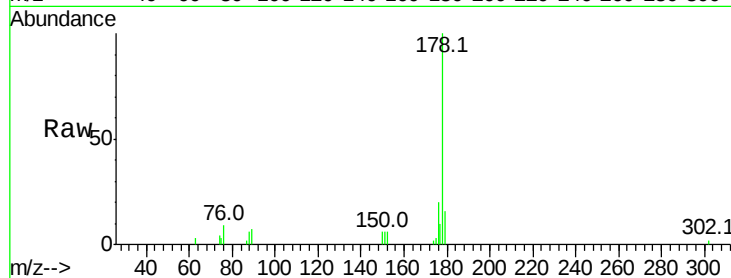




#71
 Anthracene
 Concen: 0.954 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.03 min
 Lab File: BF100851.D
 Acq: 23 Nov 2017 3:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.8	12.6	19.0



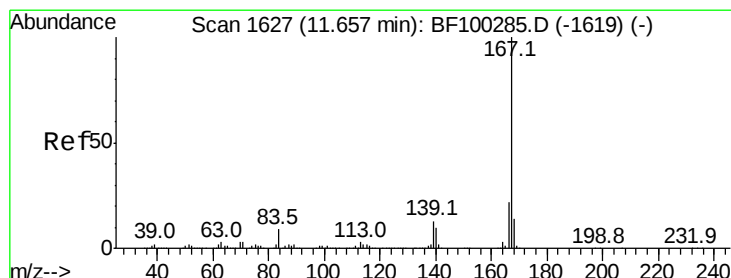
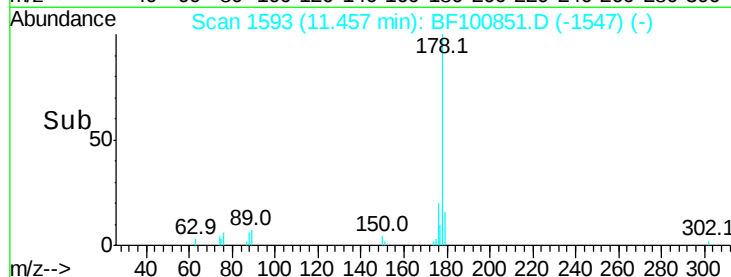
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

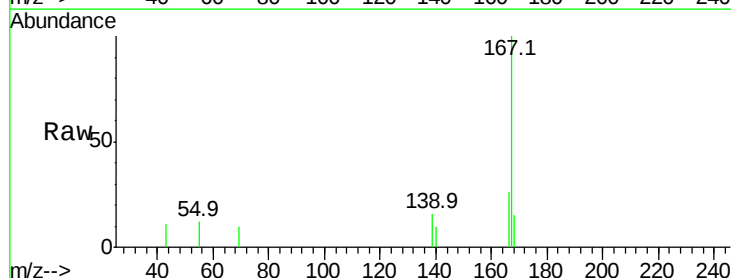
Ion 179.00 (178.70 to 179.70): E

Time-->



#72
 Carbazole
 Concen: 0.272 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.03 min
 Lab File: BF100851.D
 Acq: 23 Nov 2017 3:54

Tgt Ion	Ratio	Lower	Upper
167	100		
166	25.7	17.6	26.4
139	16.2	10.9	16.3



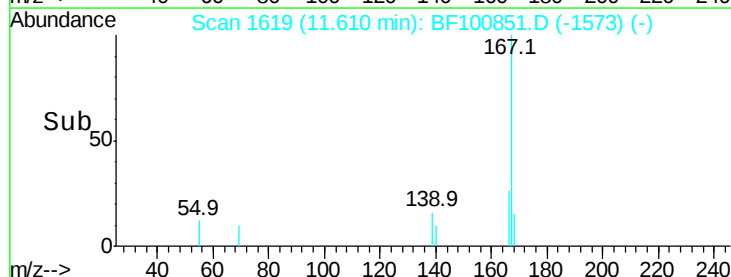
Abundance

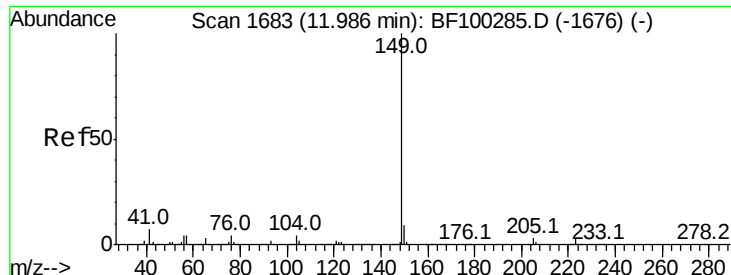
Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->





#73

Di-n-butylphthalate

Concen: 0.134 ng

RT: 11.94 min Scan# 1675

Delta R.T. -0.02 min

Lab File: BF100851.D

Acq: 23 Nov 2017 3:54

Instrument :

BNA_F

ClientSampleId :

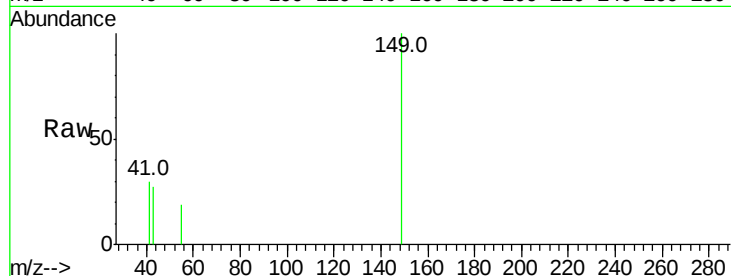
Tot Ion:149 Resp: 1657

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

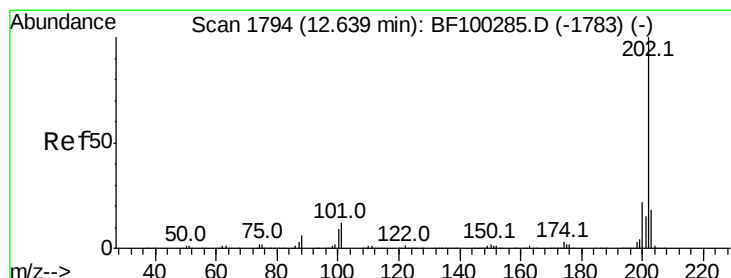
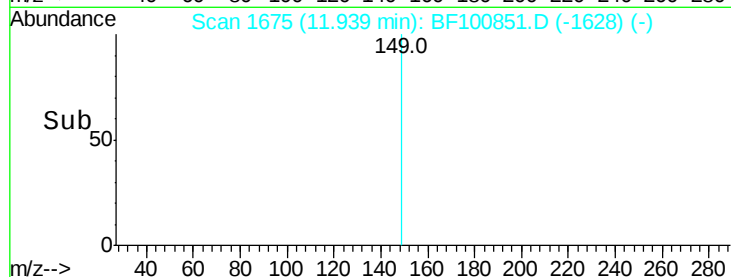
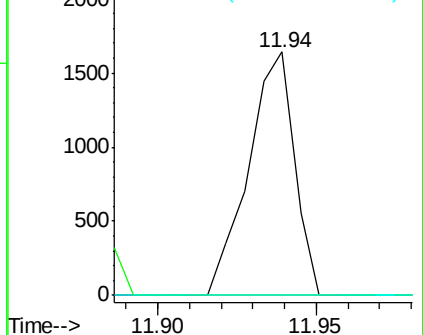
104 0.0 3.8 5.8#



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: 6.630 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.02 min

Lab File: BF100851.D

Acq: 23 Nov 2017 3:54

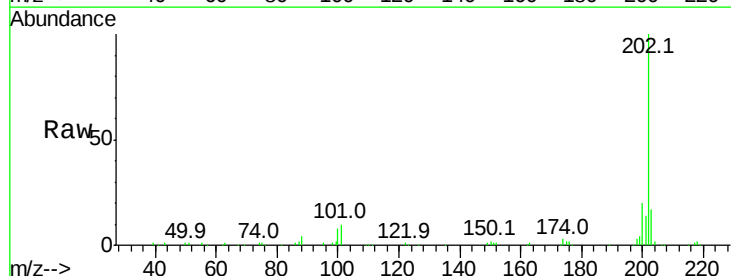
Tgt Ion:202 Resp: 79446

Ion Ratio Lower Upper

202 100

101 9.5 0.0 34.1

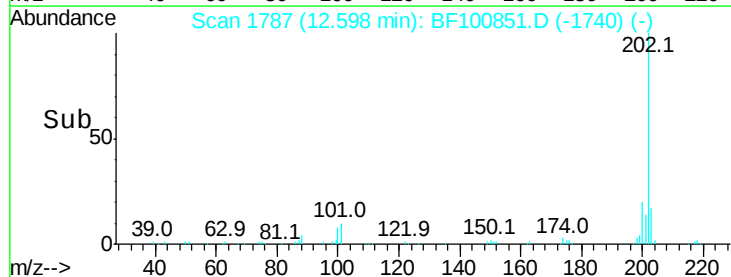
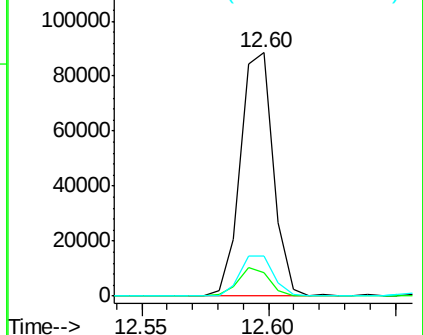
203 16.6 0.0 38.1

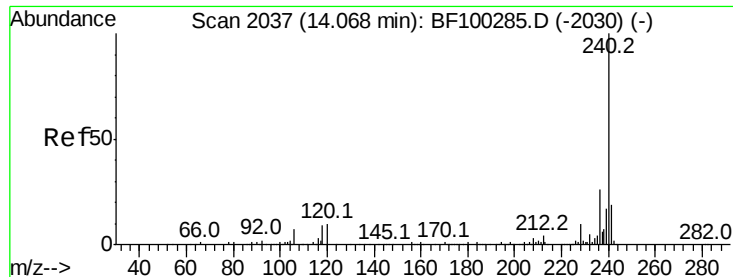


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF100851.D

Acq: 23 Nov 2017 3:54

Instrument :

BNA_F

ClientSampleId :

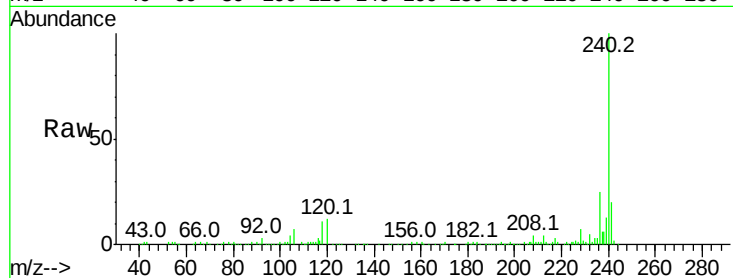
Tot Ion:240 Resp: 144735

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

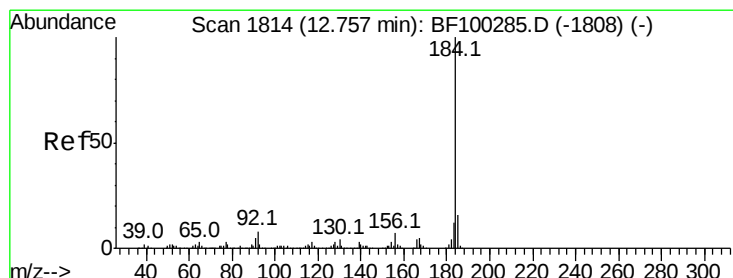
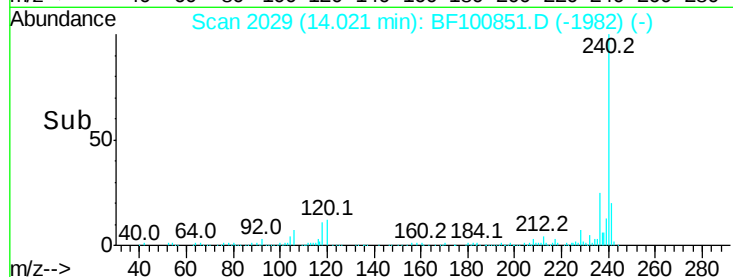
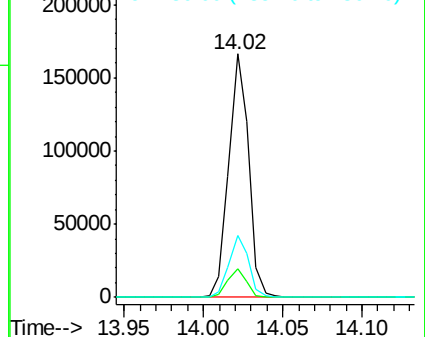
236 25.4 20.7 31.1



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: 0.176 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.22 min

Lab File: BF100851.D

Acq: 23 Nov 2017 3:54

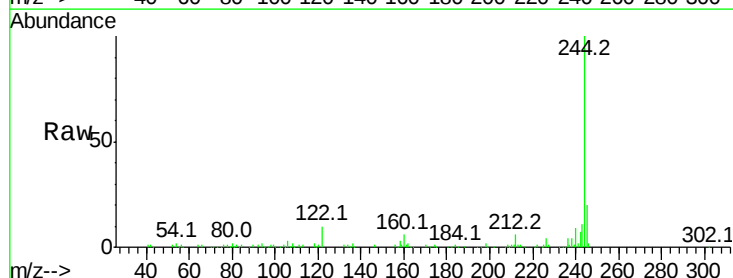
Tgt Ion:184 Resp: 1023

Ion Ratio Lower Upper

184 100

185 20.8 12.6 18.8#

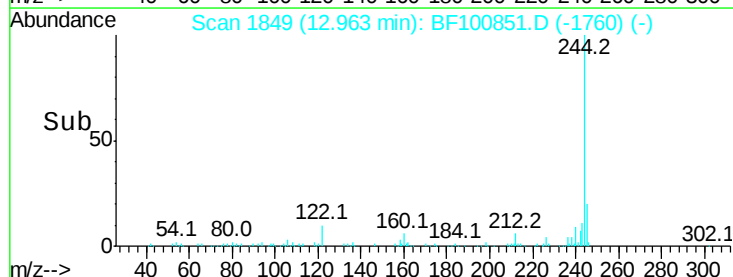
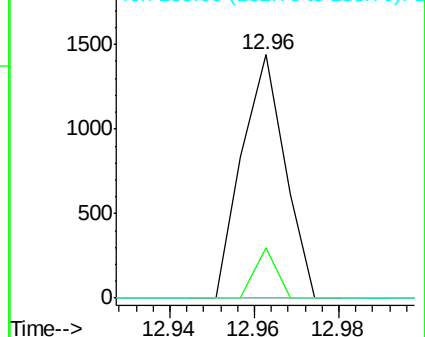
183 0.0 9.3 13.9#

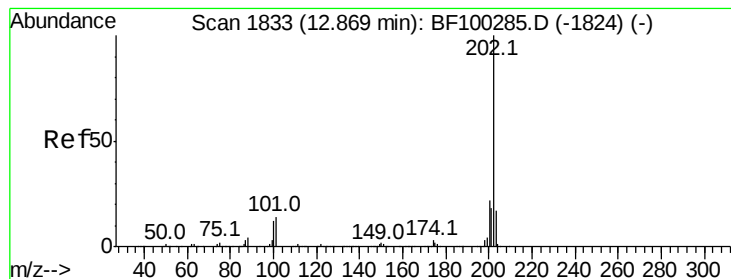


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 7.113 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF100851.D

Acq: 23 Nov 2017 3:54

Instrument :

BNA_F

ClientSampled :

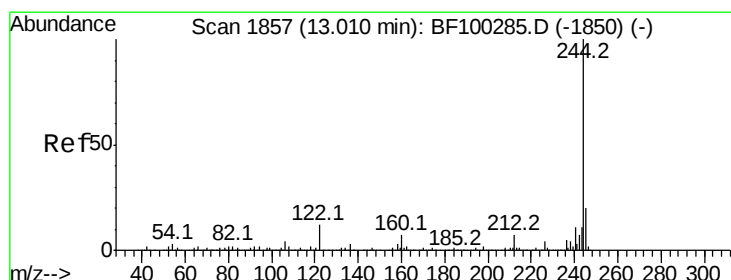
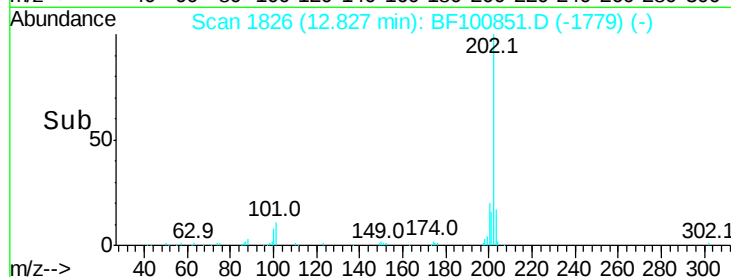
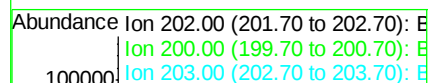
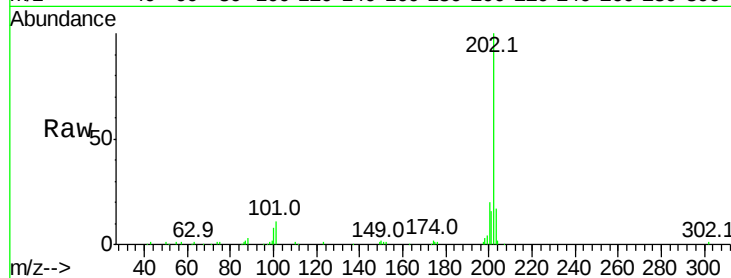
Tot Ion:202 Resp: 73385

Ion Ratio Lower Upper

202 100

200 20.4 17.4 26.2

203 16.7 14.3 21.5



#78

Terphenyl-d14

Concen: 14.739 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.02 min

Lab File: BF100851.D

Acq: 23 Nov 2017 3:54

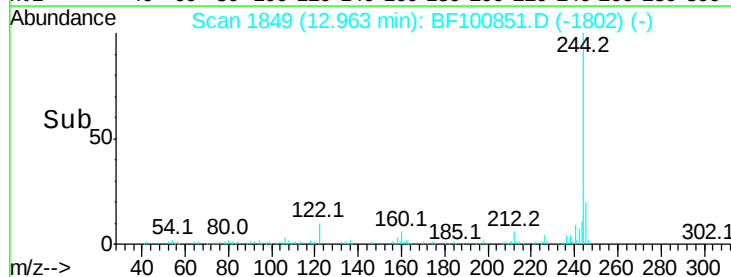
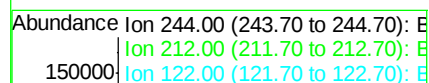
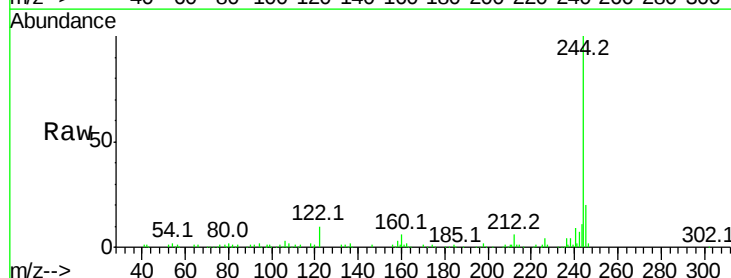
Tgt Ion:244 Resp: 92845

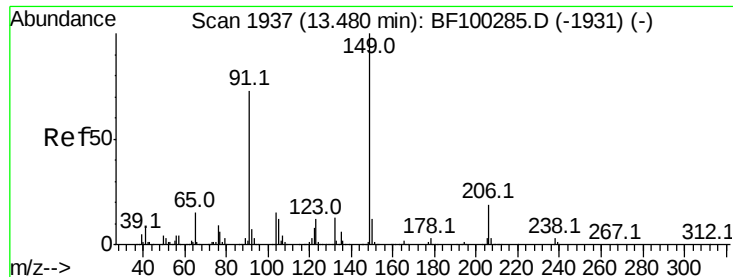
Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

122 9.9 11.0 16.4#

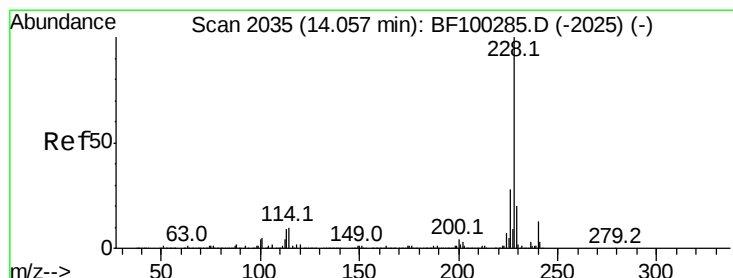
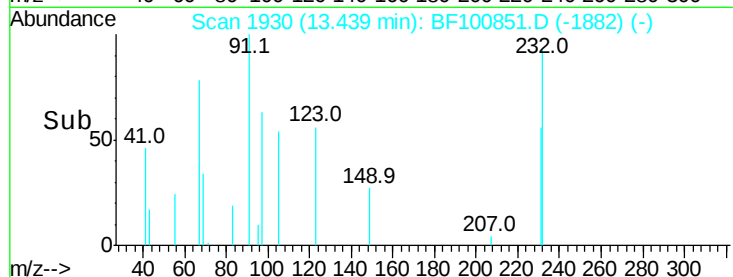
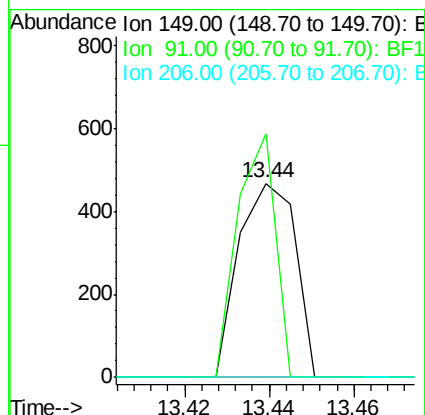
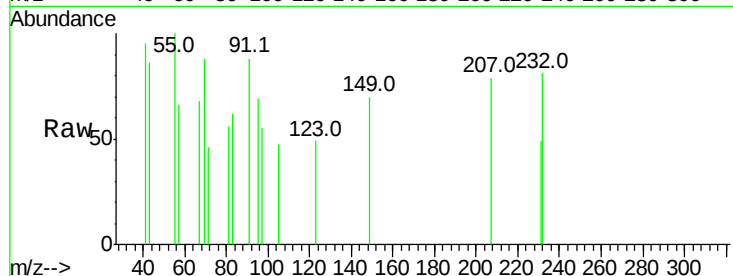




#79
Butylbenzylphthalate
Concen: 0.104 ng
RT: 13.44 min Scan# 1930
Delta R.T. -0.02 min
Lab File: BF100851.D
Acq: 23 Nov 2017 3:54

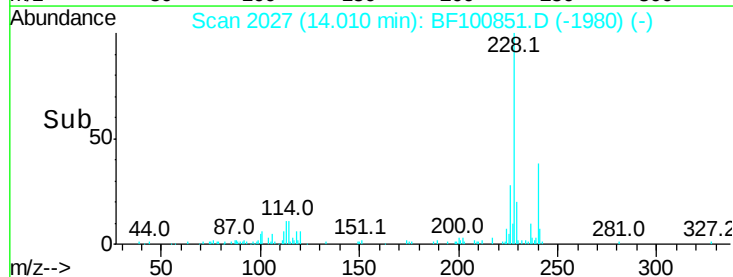
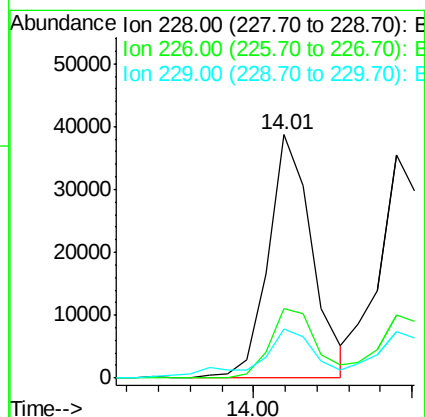
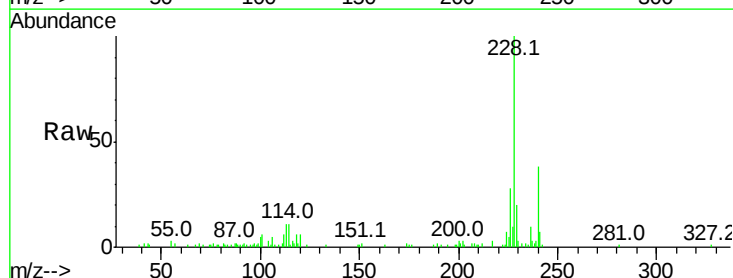
Instrument :
BNA_F
ClientSampleId :

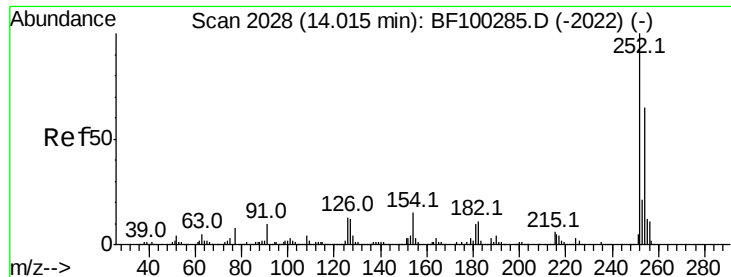
Tot Ion:149 Resp: 436
Ion Ratio Lower Upper
149 100
91 125.6 56.8 85.2#
206 0.0 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 4.294 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF100851.D
Acq: 23 Nov 2017 3:54

Tgt Ion:228 Resp: 37428
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 20.1 15.8 23.6

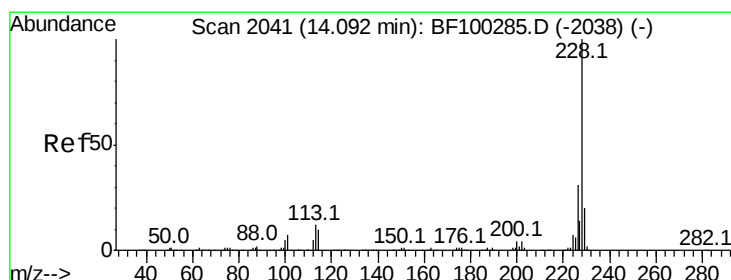
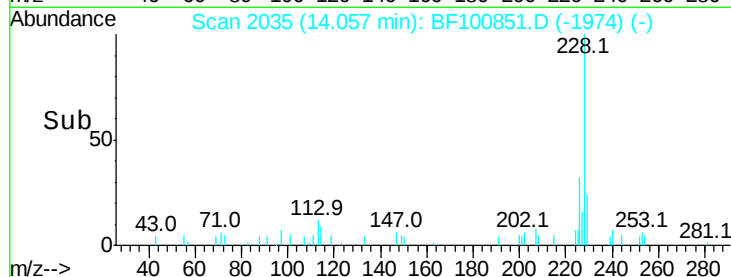
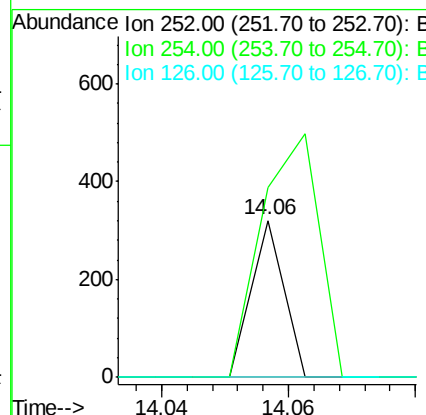
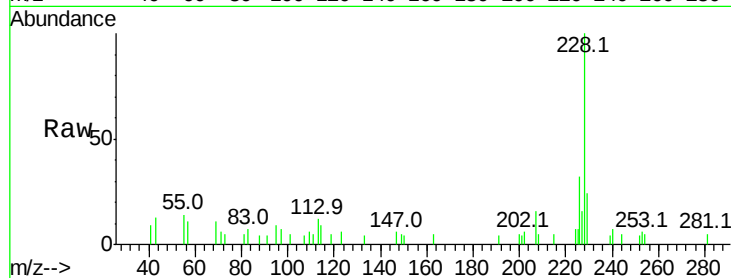




#81
 3,3'-Dichlorobenzidine
 Concen: 0.036 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.06 min
 Lab File: BF100851.D
 Acq: 23 Nov 2017 3:54

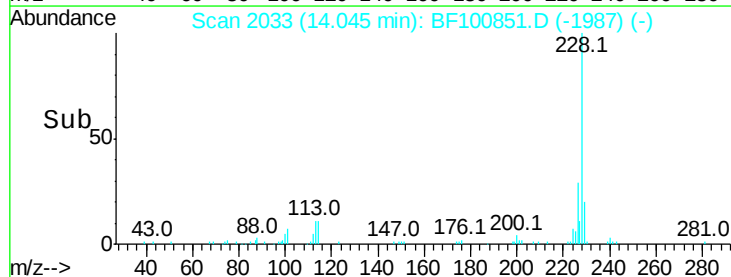
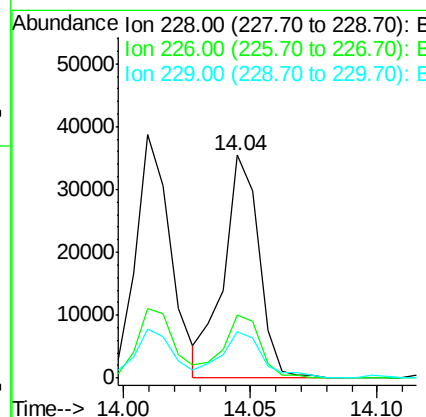
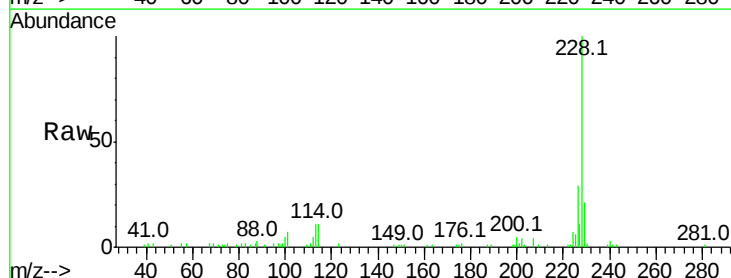
Instrument :
 BNA_F
 ClientSampleId :

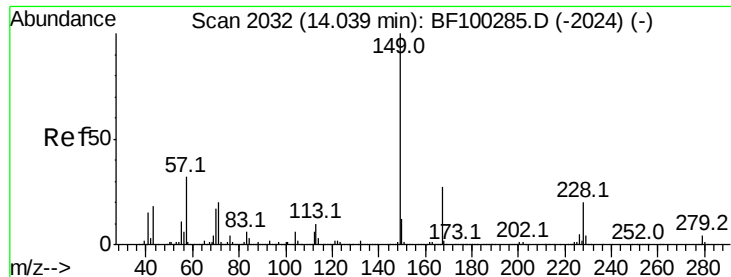
Tot Ion:252 Resp: 113
 Ion Ratio Lower Upper
 252 100
 254 121.2 50.4 75.6#
 126 0.0 11.3 16.9#



#82
 Chrysene
 Concen: 4.077 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.03 min
 Lab File: BF100851.D
 Acq: 23 Nov 2017 3:54

Tgt Ion:228 Resp: 34407
 Ion Ratio Lower Upper
 228 100
 226 28.6 25.0 37.6
 229 21.1 16.2 24.4

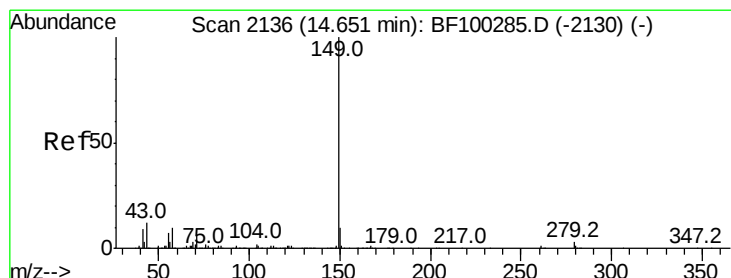
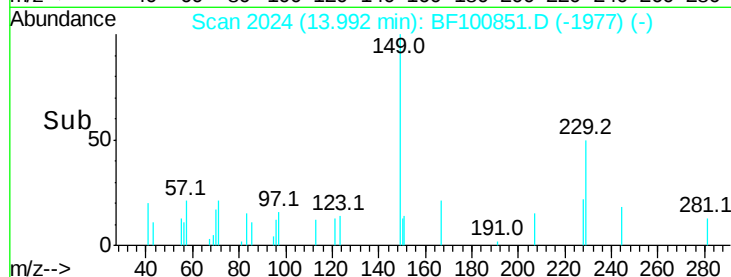
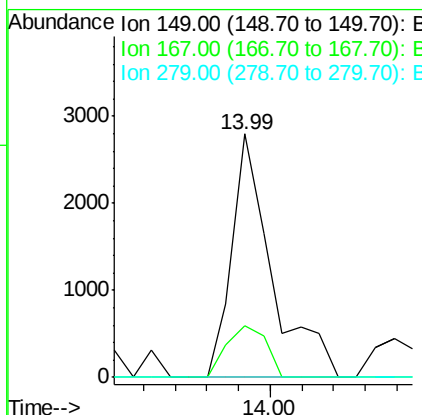
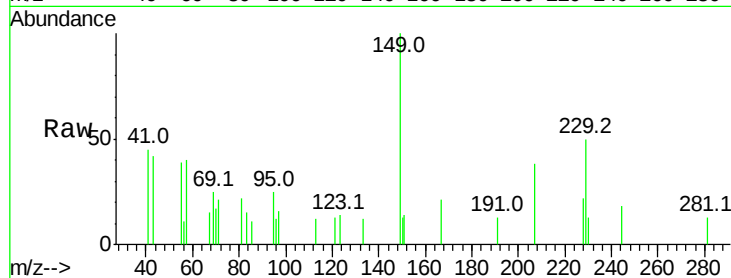




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.438 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.02 min
 Lab File: BF100851.D
 Acq: 23 Nov 2017 3:54

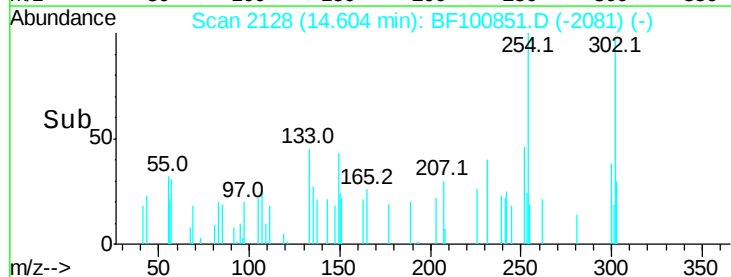
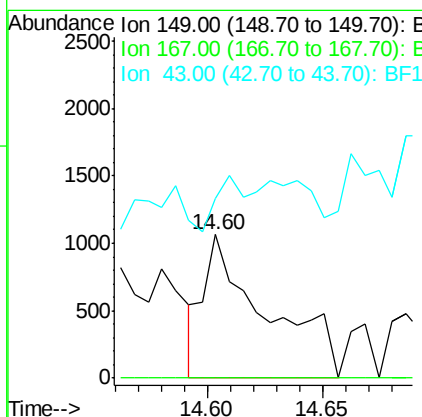
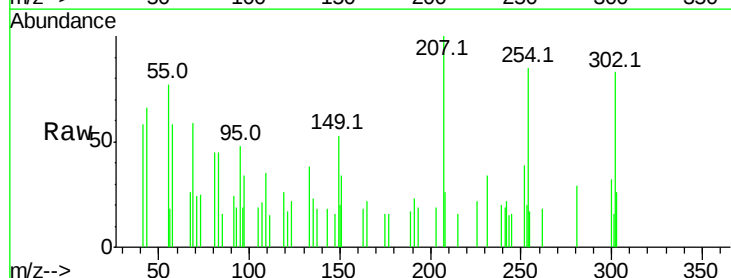
Instrument :
 BNA_F
 ClientSampleId :

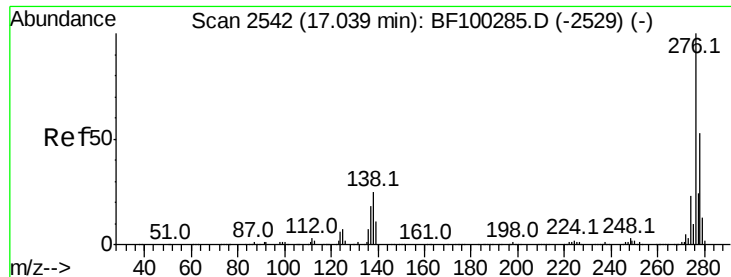
Tot Ion:149 Resp: 2422
 Ion Ratio Lower Upper
 149 100
 167 21.4 21.3 31.9
 279 0.0 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 0.210 ng
 RT: 14.60 min Scan# 2128
 Delta R.T. -0.02 min
 Lab File: BF100851.D
 Acq: 23 Nov 2017 3:54

Tgt Ion:149 Resp: 1995
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 16.0 8.4 12.6#

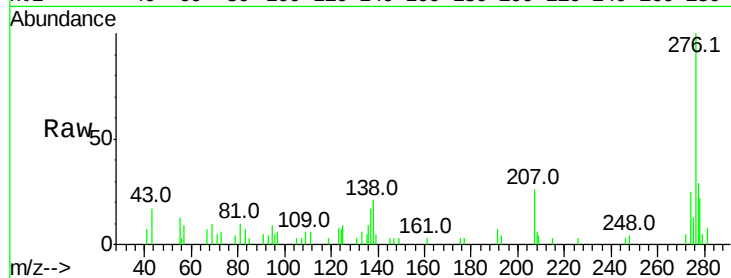




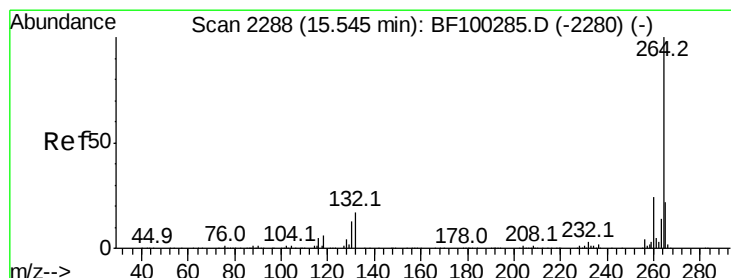
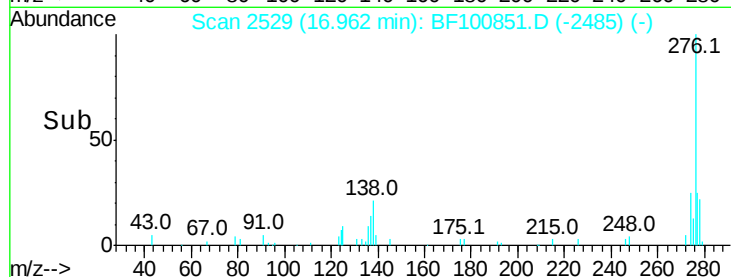
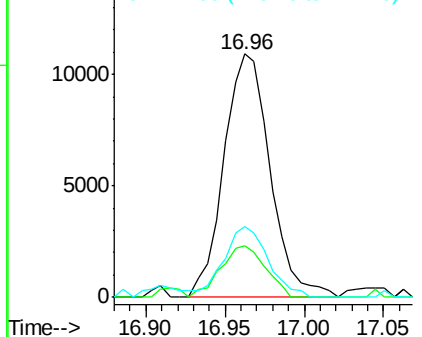
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.233 ng
 RT: 16.96 min Scan# 2529
 Delta R.T. -0.04 min
 Lab File: BF100851.D
 Acq: 23 Nov 2017 3:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.6	25.0	37.6#
277	27.9	20.1	30.1

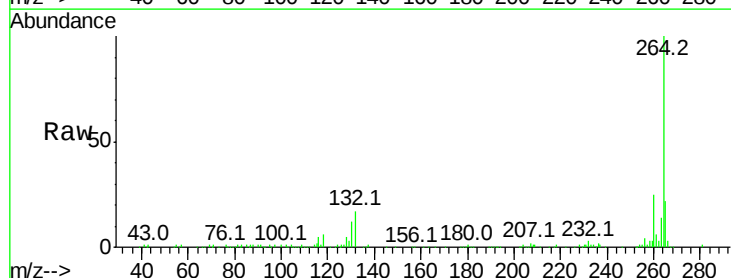


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

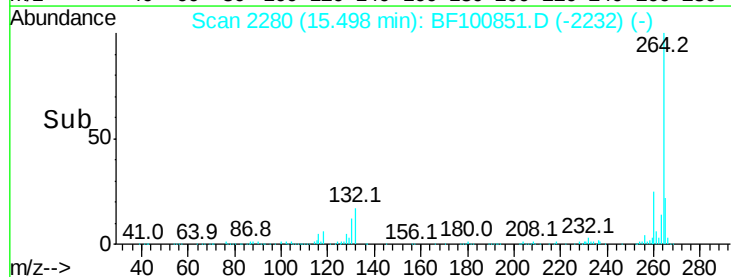
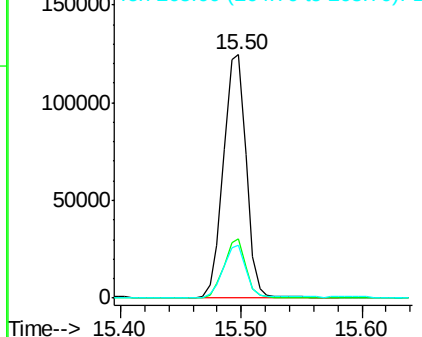


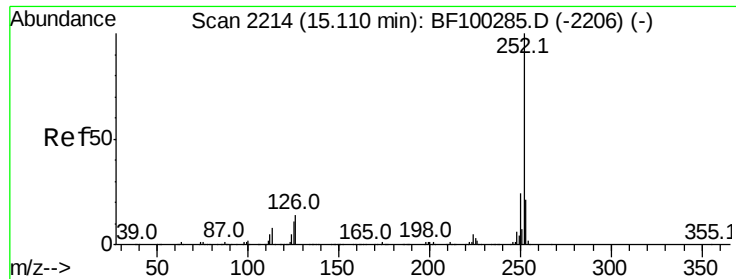
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.02 min
 Lab File: BF100851.D
 Acq: 23 Nov 2017 3:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.8	17.5	26.3



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

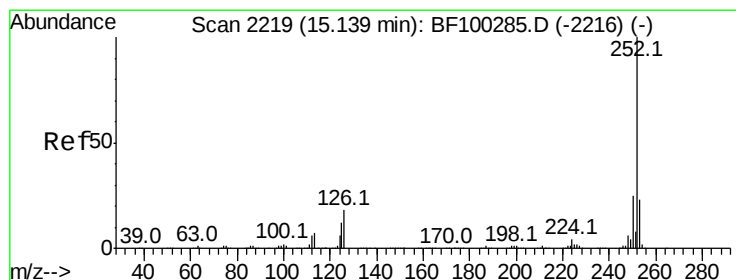
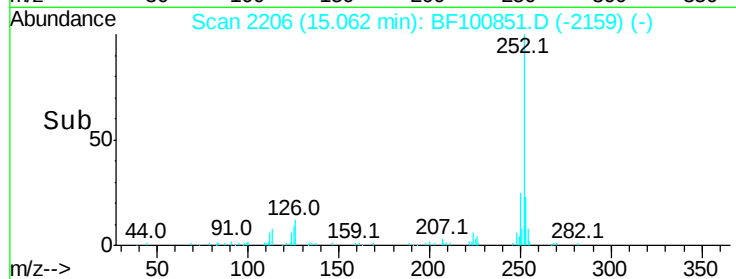
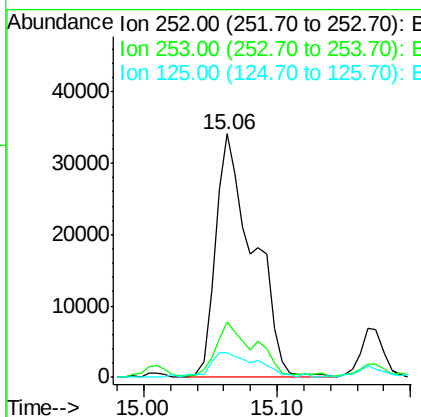
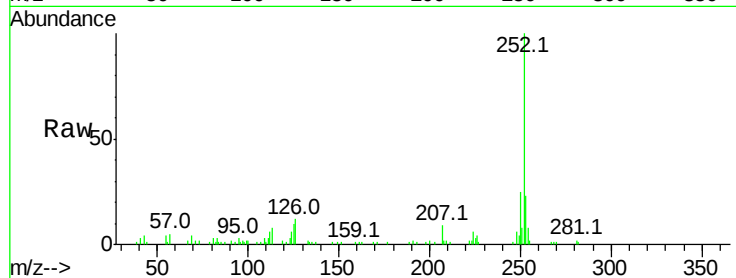




#87
Benzo(b)fluoranthene
Concen: 6.879 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF100851.D
Acq: 23 Nov 2017 3:54

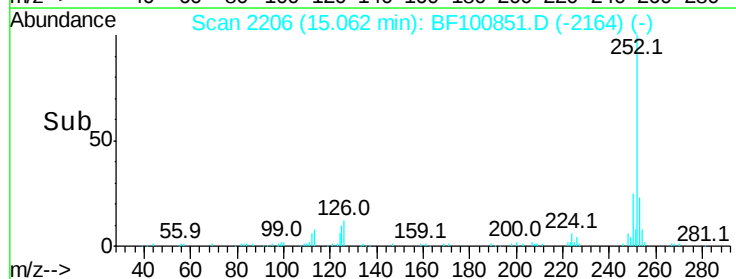
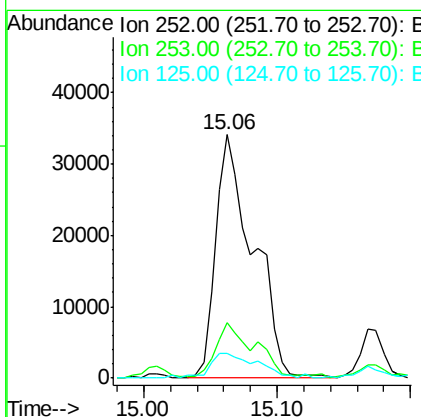
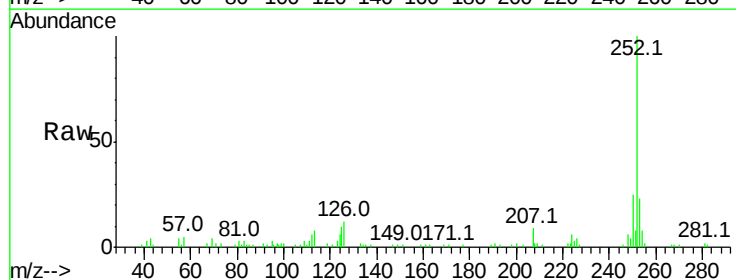
Instrument :
BNA_F
ClientSampleId :

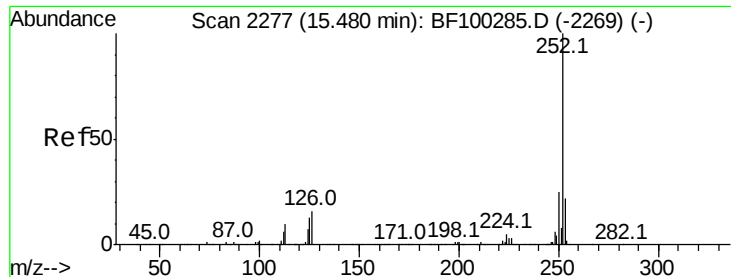
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	10.3	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 7.281 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.05 min
Lab File: BF100851.D
Acq: 23 Nov 2017 3:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	10.3	10.2	15.2





#89

Benzo(a)pyrene

Concen: 4.263 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.03 min

Lab File: BF100851.D

Acq: 23 Nov 2017 3:54

Instrument :

BNA_F

ClientSampleId :

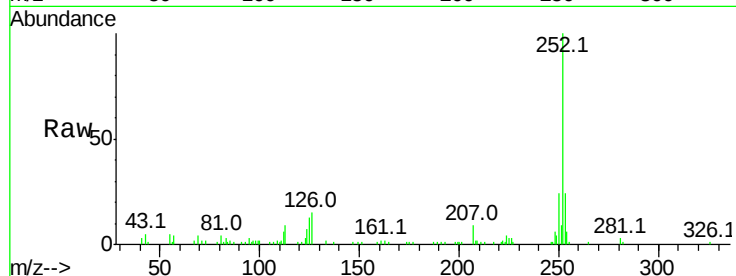
Tot Ion:252 Resp: 36731

Ion Ratio Lower Upper

252 100

253 24.4 17.1 25.7

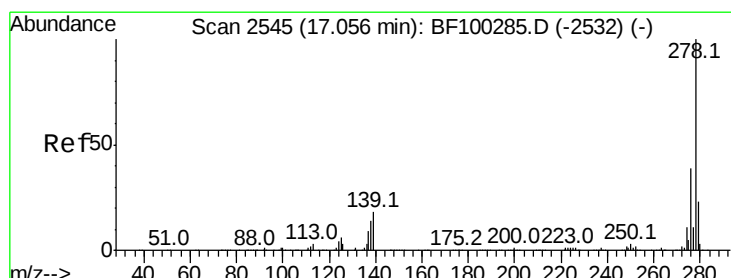
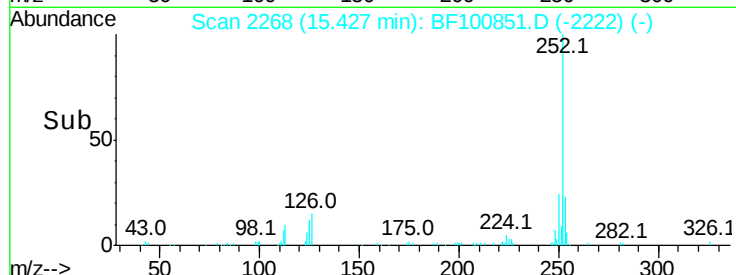
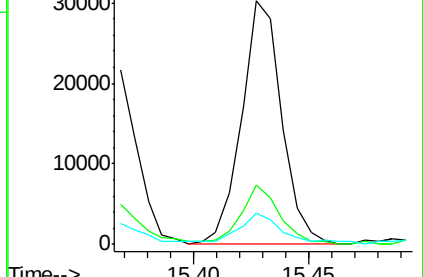
125 13.0 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 0.650 ng

RT: 17.14 min Scan# 2560

Delta R.T. 0.12 min

Lab File: BF100851.D

Acq: 23 Nov 2017 3:54

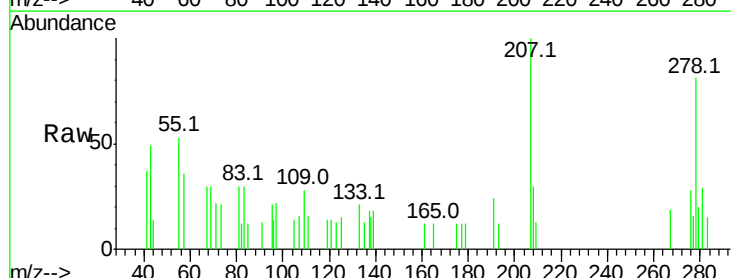
Tgt Ion:278 Resp: 4578

Ion Ratio Lower Upper

278 100

139 22.7 15.9 23.9

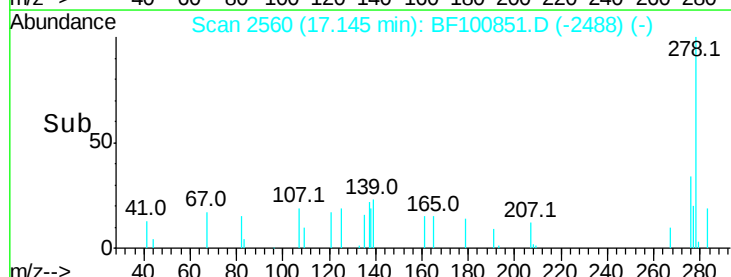
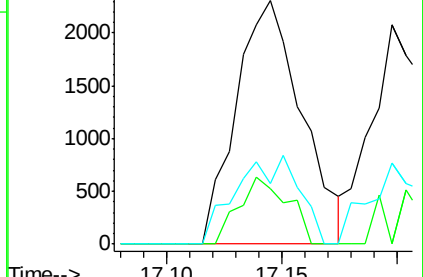
279 25.1 19.0 28.4

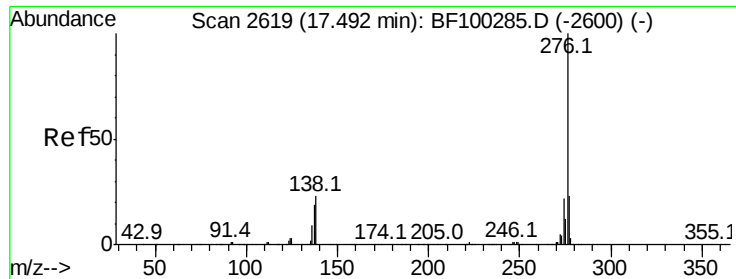


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 2.713 ng
 RT: 17.41 min Scan# 2605
 Delta R.T. -0.05 min
 Lab File: BF100851.D
 Acq: 23 Nov 2017 3:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	22.1	21.8	32.8

