

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100866.D
 Acq On : 23 Nov 2017 11:06
 Operator : SJ/JU
 Sample : I6541-08
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 23:52:36 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	73195	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	278934	20.00	ng	-0.03
38) Acenaphthene-d10	9.89	164	126149	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	209511	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	138740	20.00	ng	-0.02
86) Perylene-d12	15.49	264	152963	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	194522	42.60	ng	-0.02
7) Phenol-d6	6.48	99	158935	28.23	ng	-0.03
23) Nitrobenzene-d5	7.42	82	451100	106.92	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	120318	93.60	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	880562	106.29	ng	-0.02
78) Terphenyl-d14	12.97	244	596945	98.86	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.62	93	346	0.043	ng	# 1
9) Benzaldehyde	6.63	77	6672	1.659	ng	97
10) Phenol	6.49	94	9586	1.622	ng	94
11) bis(2-Chloroethyl)ether	6.62	93	346	0.070	ng	# 1
15) Benzyl Alcohol	7.02	79	7032	1.600	ng	# 42
19) n-Nitroso-di-n-propylamine	7.42	70	58962	15.099	ng	# 79
24) Nitrobenzene	7.42	77	1194	0.275	ng	# 38
25) Isophorone	7.42	82	451096	50.880	ng	# 64
31) Naphthalene	8.16	128	475	0.035	ng	# 68
45) 1,1'-Biphenyl	9.22	154	1398	0.128	ng	# 1
47) 2-Nitroaniline	9.22	65	1198	3.266	ng	# 3
49) Dimethylphthalate	9.60	163	11634	1.208	ng	96
50) 2,6-Dinitrotoluene	9.89	165	16460	8.633	ng	# 24
51) Acenaphthene	9.90	154	281	0.035	ng	# 4
56) 2,4-Dinitrotoluene	9.89	165	16460	6.844	ng	# 21
57) Fluorene	10.68	166	5239	0.640	ng	# 80
59) Diethylphthalate	10.30	149	1661	0.172	ng	# 80
62) Azobenzene	10.68	77	506	0.056	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.68	198	116	8.660	ng	# 1
65) n-Nitrosodiphenylamine	10.68	169	3739	0.513	ng	# 46
66) 4-Bromophenyl-phenylether	10.69	248	7323	3.261	ng	# 1
70) Phenanthrene	11.40	178	249	0.023	ng	# 59
71) Anthracene	11.40	178	249	0.022	ng	# 60
73) Di-n-butylphthalate	11.93	149	1019	0.084	ng	# 78
76) Benzidine	12.97	184	7221	1.300	ng	# 91
77) Pyrene	12.97	202	1687	0.171	ng	# 43
80) Benzo(a)anthracene	14.02	228	488	0.058	ng	# 51
82) Chrysene	14.02	228	488	0.060	ng	# 48
83) Bis(2-ethylhexyl)phthalate	13.99	149	662	0.125	ng	# 53
85) Indeno(1,2,3-cd)pyrene	16.96	276	115	0.018	ng	# 46
87) Benzo(b)fluoranthene	15.06	252	520	0.057	ng	# 60
88) Benzo(k)fluoranthene	15.09	252	245	0.029	ng	# 59
89) Benzo(a)pyrene	15.49	252	463	0.058	ng	# 60

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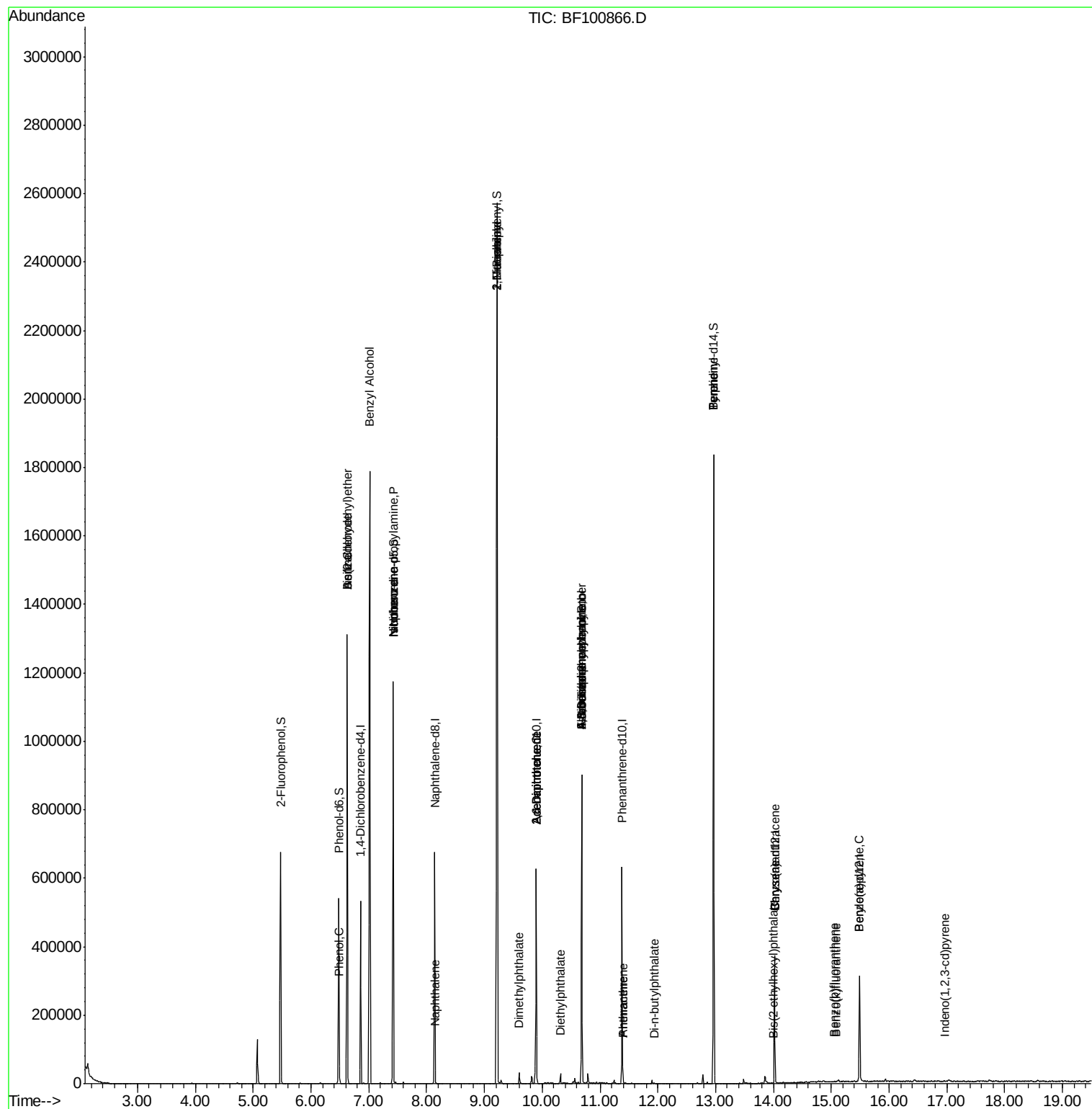
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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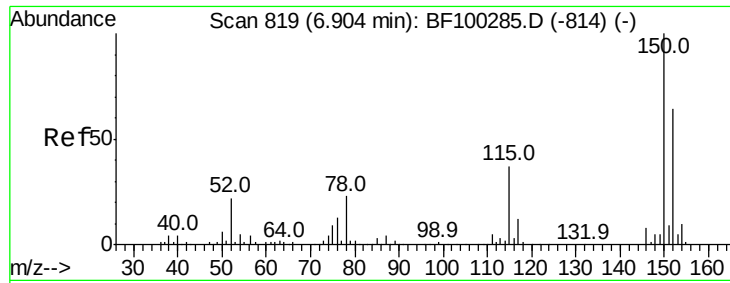
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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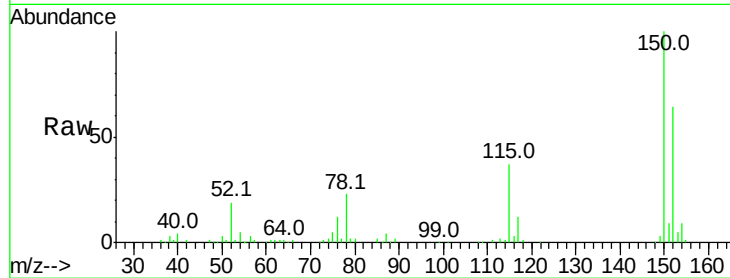


#1

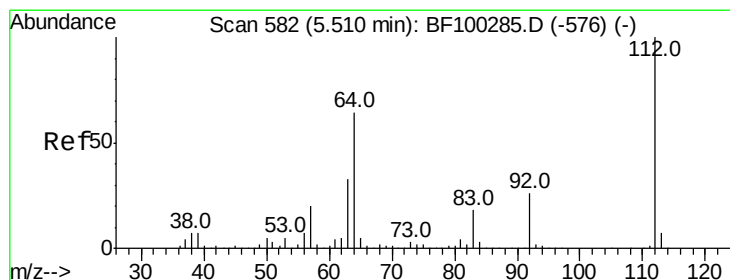
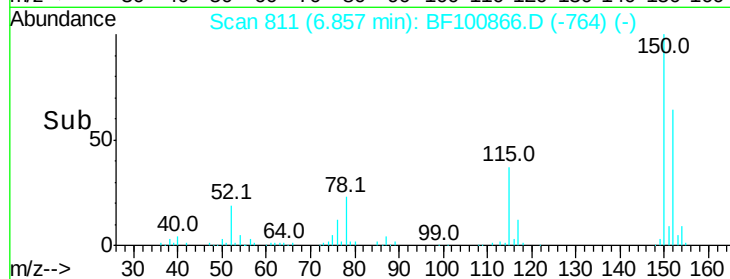
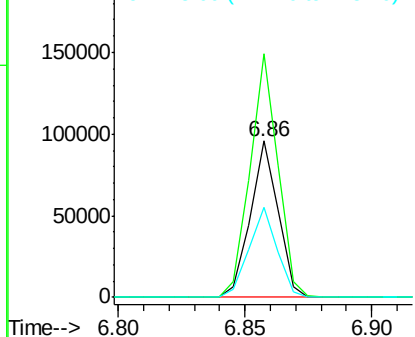
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100866.D
Acq: 23 Nov 2017 11:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 73195
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 57.8 50.1 75.1



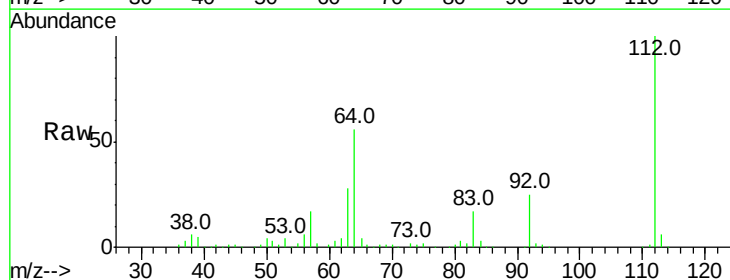
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



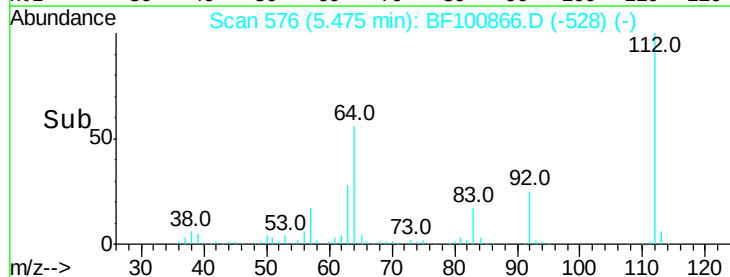
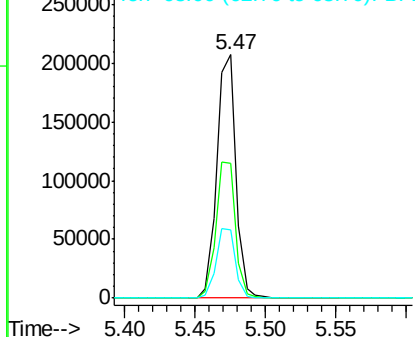
#5

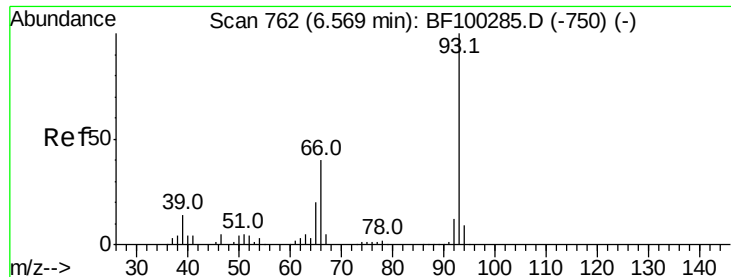
2-Fluorophenol
Concen: 42.601 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.02 min
Lab File: BF100866.D
Acq: 23 Nov 2017 11:06

Tgt Ion:112 Resp: 194522
Ion Ratio Lower Upper
112 100
64 55.6 47.9 71.9
63 27.8 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: 0.043 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.07 min

Lab File: BF100866.D

Acq: 23 Nov 2017 11:06

Instrument :

BNA_F

ClientSampleId :

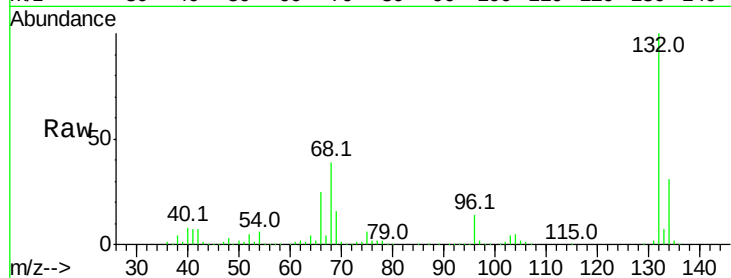
Tot Ion: 93 Resp: 346

Ion Ratio Lower Upper

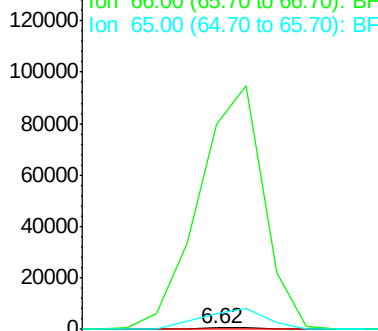
93 100

66 15187.9 32.2 48.2#

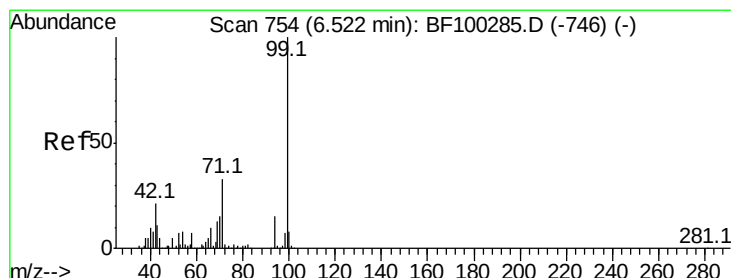
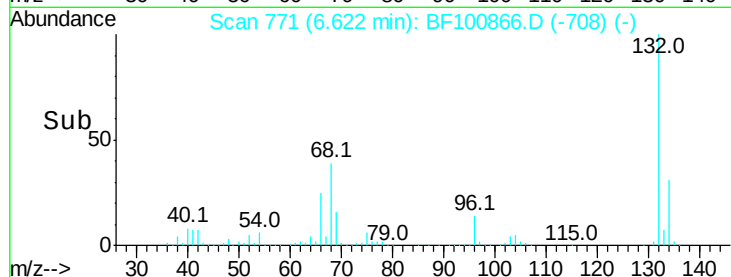
65 1212.0 16.4 24.6#



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



Time-->



#7

Phenol-d6

Concen: 28.227 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF100866.D

Acq: 23 Nov 2017 11:06

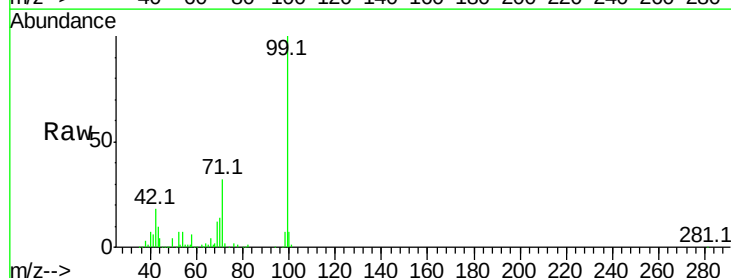
Tgt Ion: 99 Resp: 158935

Ion Ratio Lower Upper

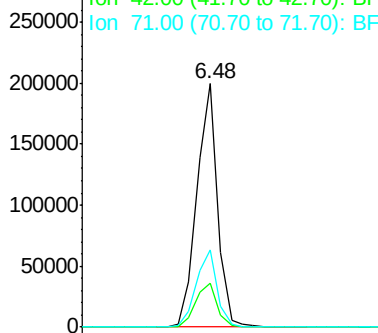
99 100

42 18.2 14.5 21.7

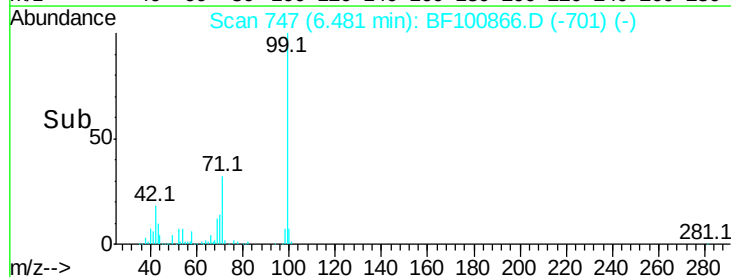
71 31.8 25.4 38.0

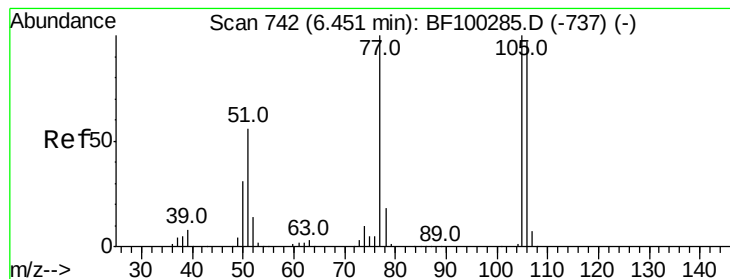


Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



Time-->





#9

Benzaldehyde

Concen: 1.659 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.19 min

Lab File: BF100866.D

Acq: 23 Nov 2017 11:06

Instrument :

BNA_F

ClientSampleId :

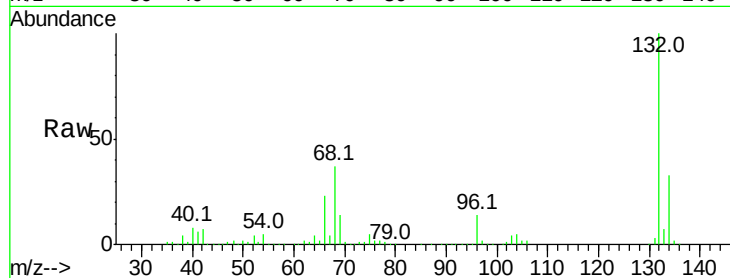
Tot Ion: 77 Resp: 6672

Ion Ratio Lower Upper

77 100

105 98.0 81.1 121.1

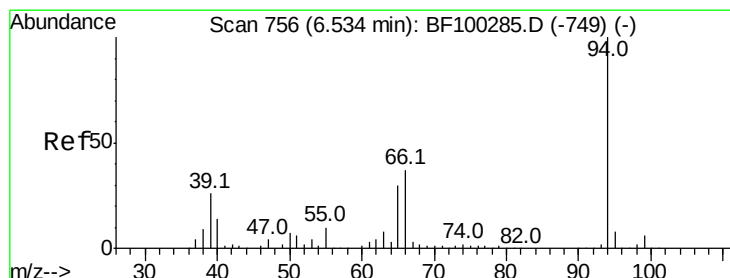
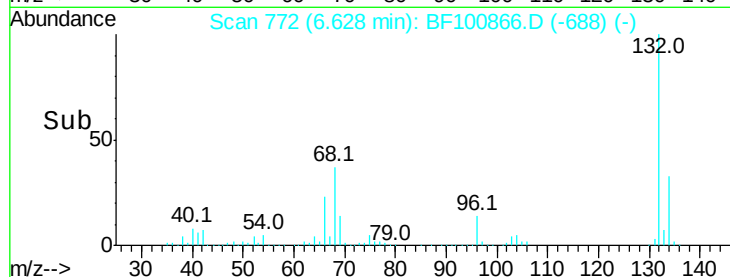
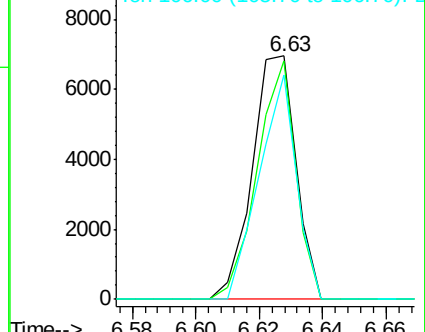
106 92.4 74.5 114.5



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: 1.622 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF100866.D

Acq: 23 Nov 2017 11:06

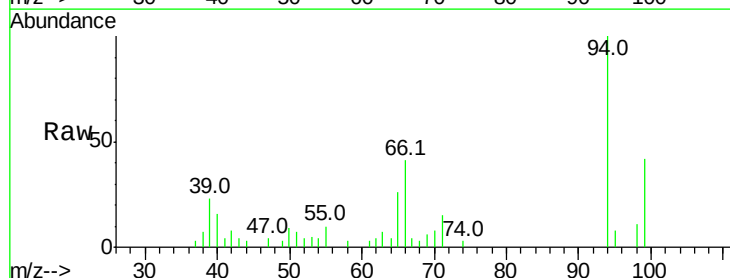
Tgt Ion: 94 Resp: 9586

Ion Ratio Lower Upper

94 100

65 25.6 7.9 47.9

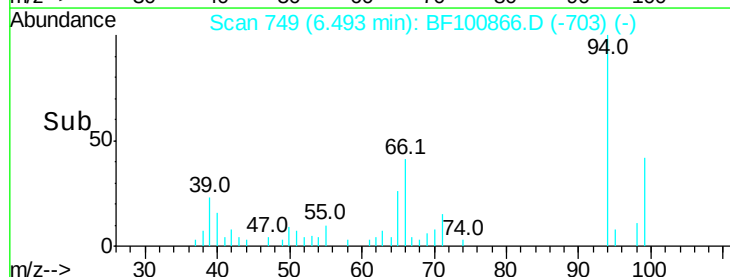
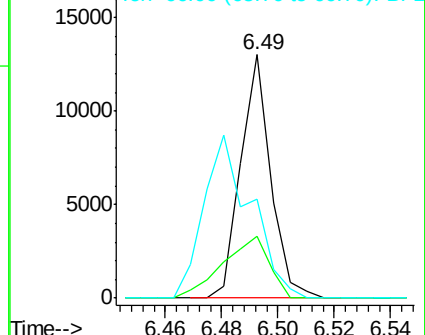
66 40.9 16.2 56.2

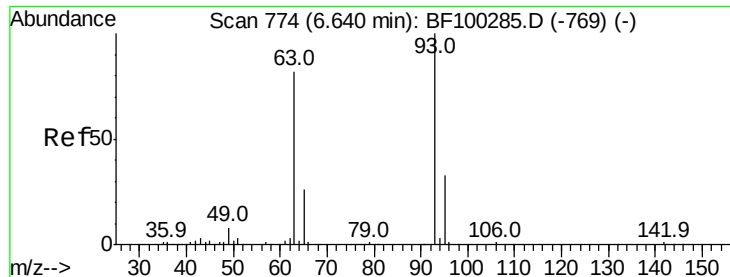


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

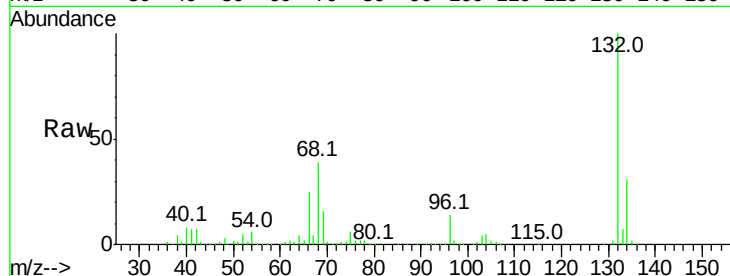




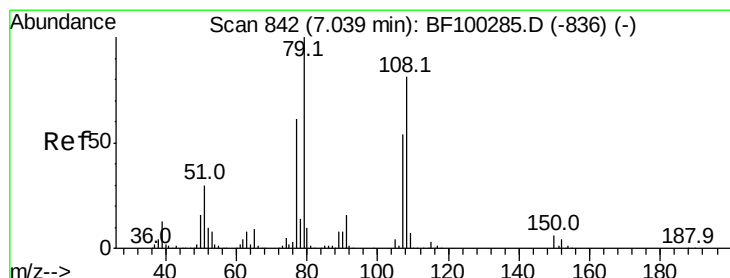
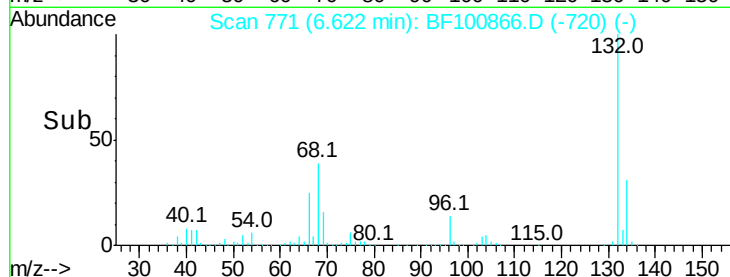
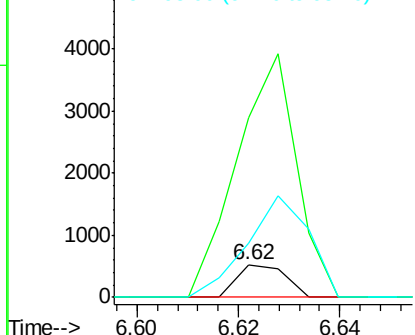
#11
bis(2-Chloroethyl)ether
Concen: 0.070 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF100866.D
Acq: 23 Nov 2017 11:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 346
Ion Ratio Lower Upper
93 100
63 549.1 58.6 98.6#
95 165.1 11.8 51.8#

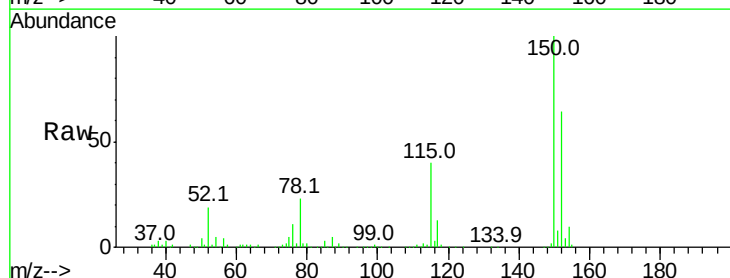


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

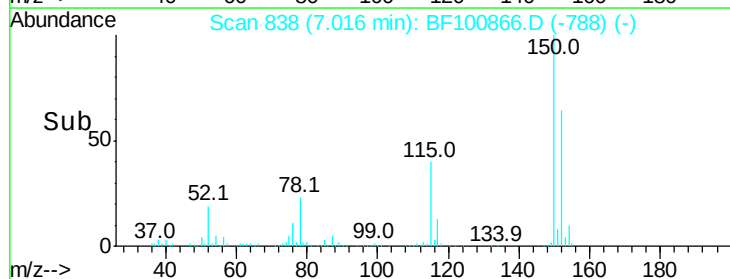
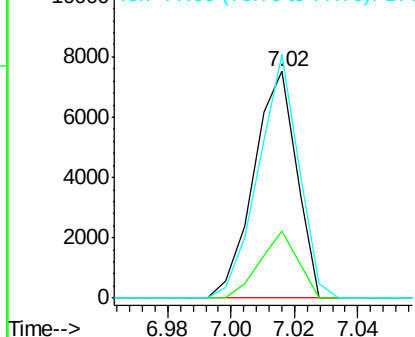


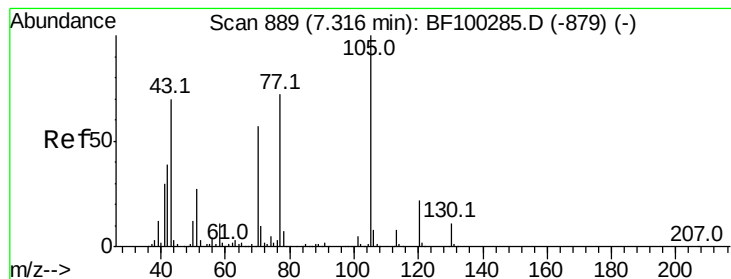
#15
Benzyl Alcohol
Concen: 1.600 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF100866.D
Acq: 23 Nov 2017 11:06

Tgt Ion: 79 Resp: 7032
Ion Ratio Lower Upper
79 100
108 29.7 65.1 97.7#
77 107.5 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: 15.099 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.12 min

Lab File: BF100866.D

Acq: 23 Nov 2017 11:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 58962

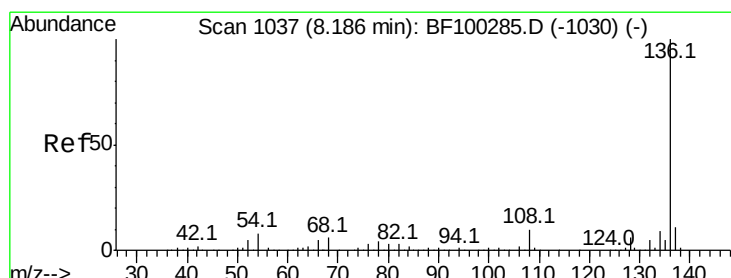
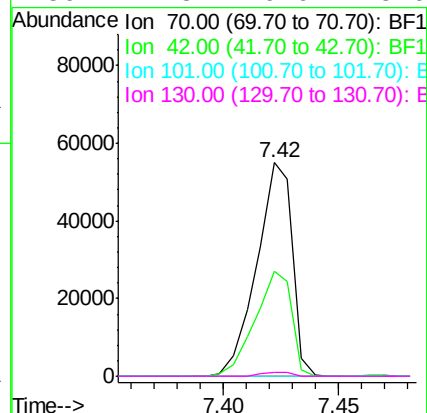
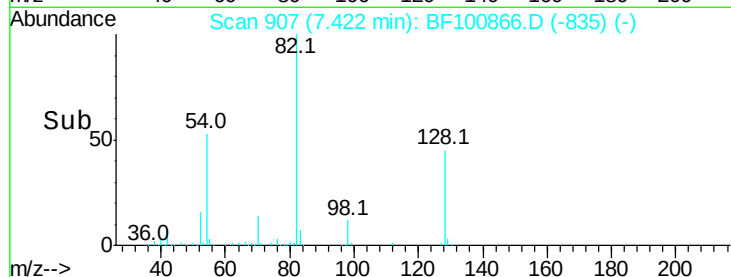
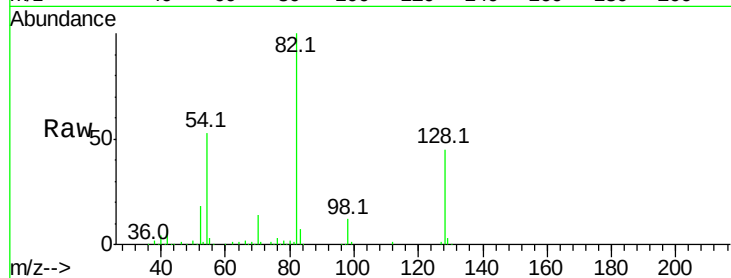
Ion Ratio Lower Upper

70 100

42 49.0 47.5 71.3

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BF100866.D

Acq: 23 Nov 2017 11:06

Tgt Ion: 136 Resp: 278934

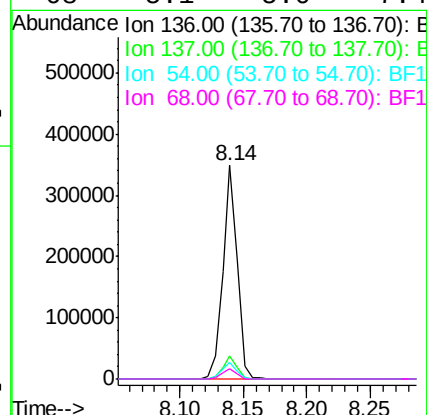
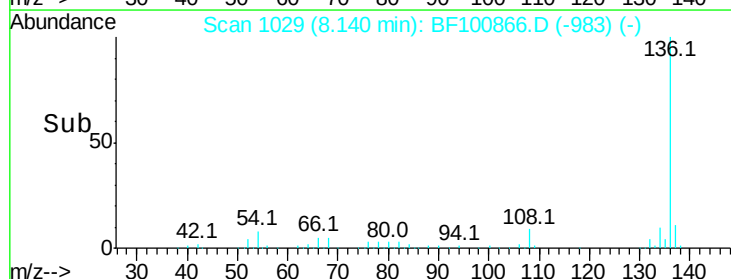
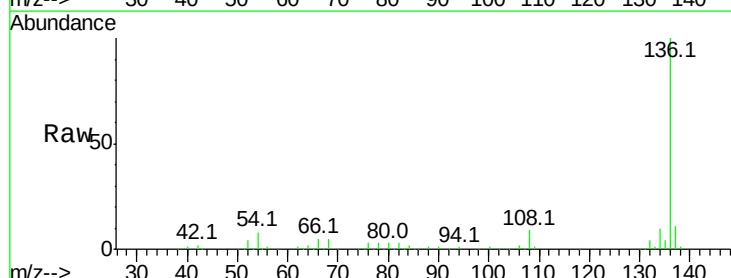
Ion Ratio Lower Upper

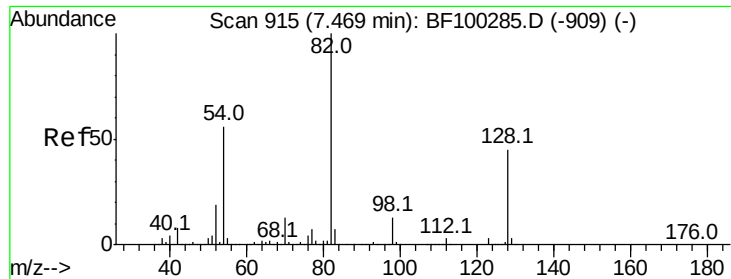
136 100

137 11.1 8.9 13.3

54 7.8 6.6 9.8

68 5.1 5.0 7.4

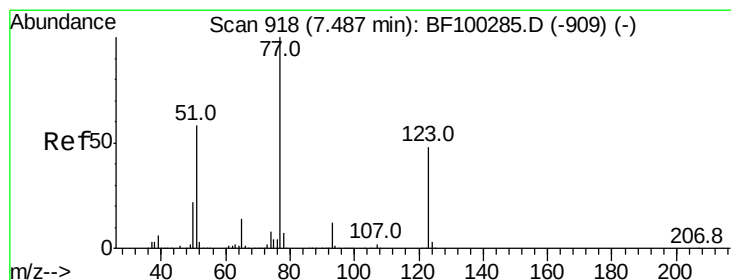
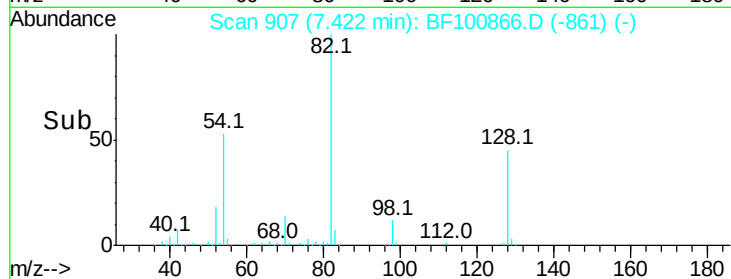
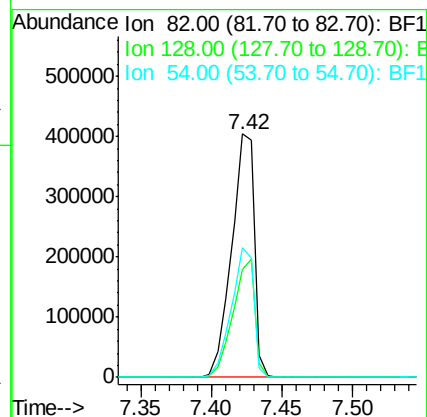
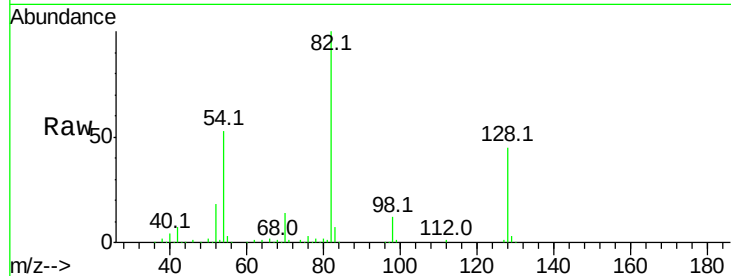




#23
Nitrobenzene-d5
Concen: 106.920 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.03 min
Lab File: BF100866.D
Acq: 23 Nov 2017 11:06

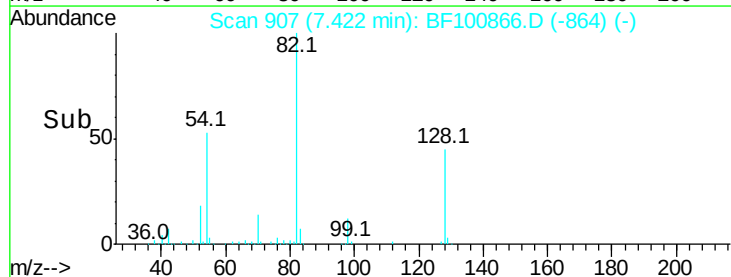
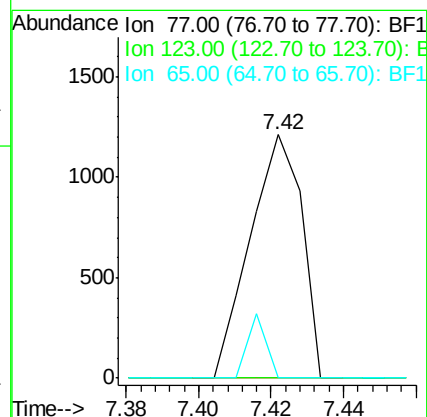
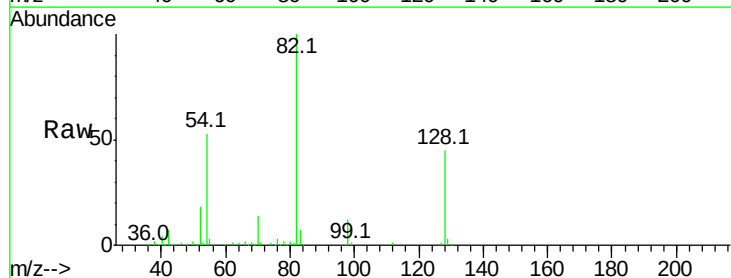
Instrument :
BNA_F
ClientSampled :

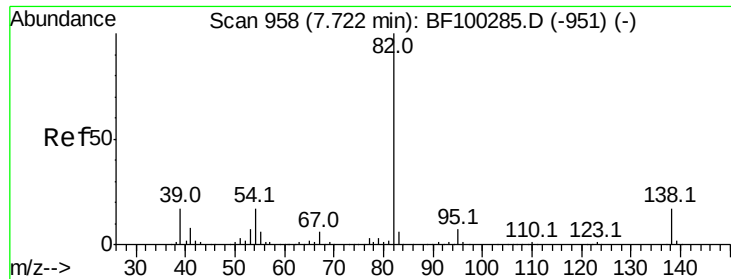
Tot Ion: 82 Resp: 451100
Ion Ratio Lower Upper
82 100
128 44.6 36.1 54.1
54 53.3 41.4 62.2



#24
Nitrobenzene
Concen: 0.275 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.05 min
Lab File: BF100866.D
Acq: 23 Nov 2017 11:06

Tgt Ion: 77 Resp: 1194
Ion Ratio Lower Upper
77 100
123 0.0 37.9 56.9#
65 0.0 11.0 16.4#





#25

Isophorone

Concen: 50.880 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.28 min

Lab File: BF100866.D

Acq: 23 Nov 2017 11:06

Instrument :

BNA_F

ClientSampleId :

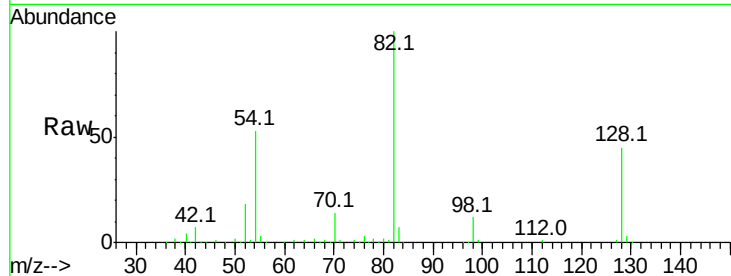
Tot Ion: 82 Resp: 451096

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

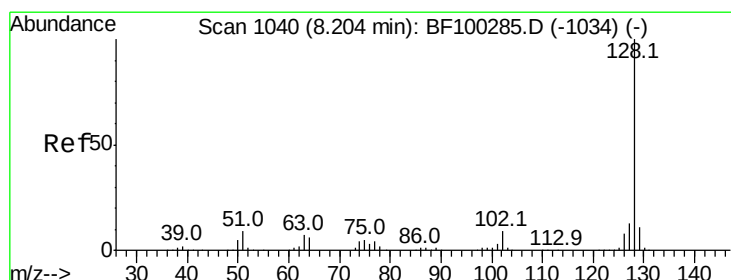
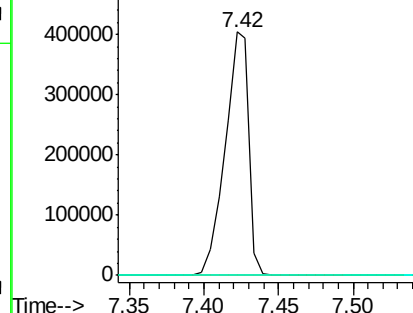
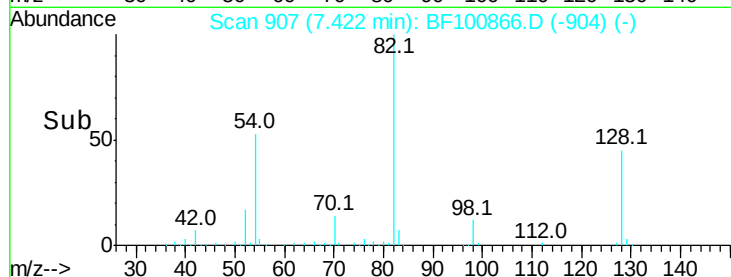
138 0.0 14.9 22.3#



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: 0.035 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.03 min

Lab File: BF100866.D

Acq: 23 Nov 2017 11:06

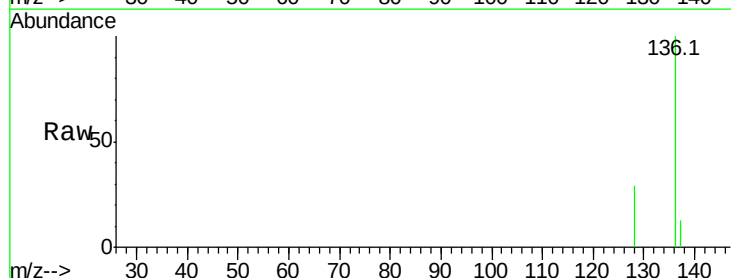
Tgt Ion: 128 Resp: 475

Ion Ratio Lower Upper

128 100

129 0.0 8.8 13.2#

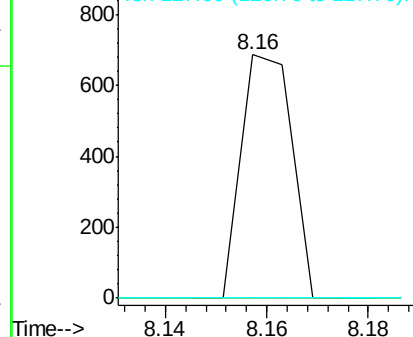
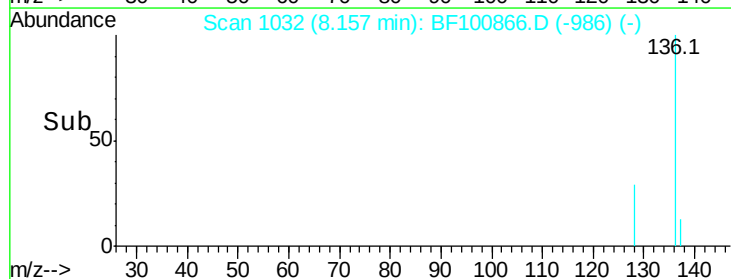
127 0.0 10.9 16.3#

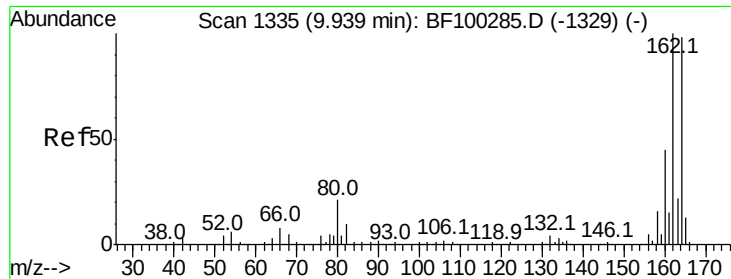


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

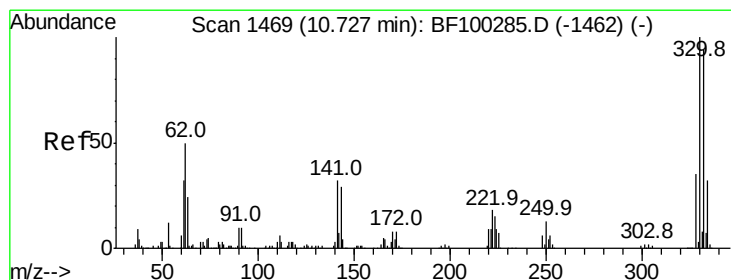
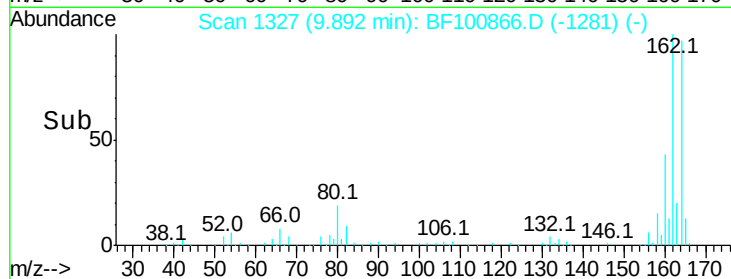
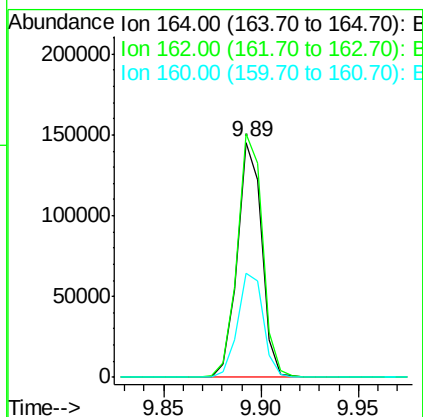
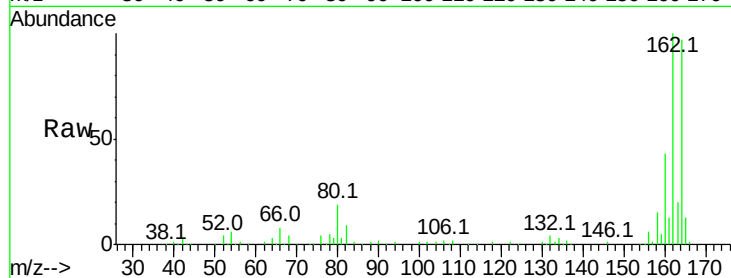




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.03 min
 Lab File: BF100866.D
 Acq: 23 Nov 2017 11:06

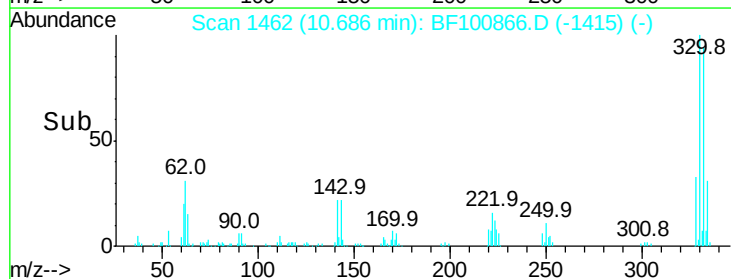
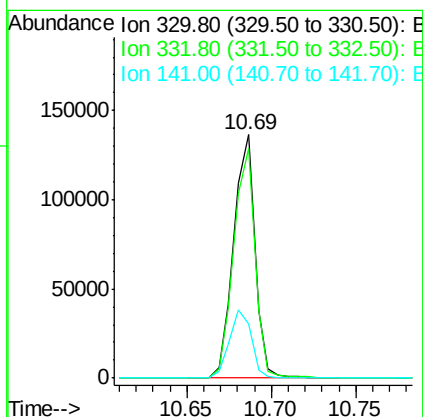
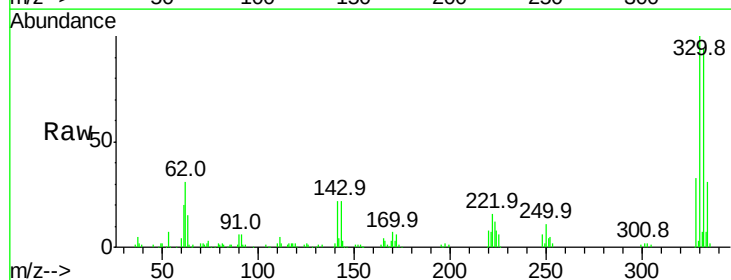
Instrument :
 BNA_F
 ClientSampleId :

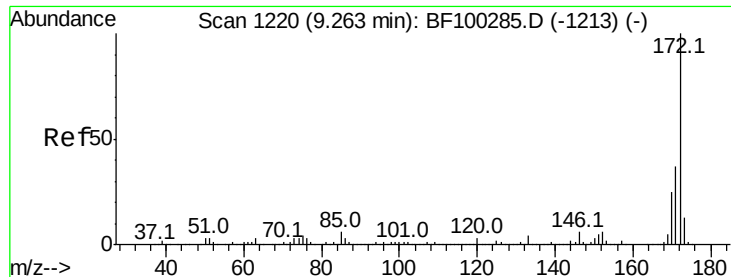
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	44.1	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 93.599 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.02 min
 Lab File: BF100866.D
 Acq: 23 Nov 2017 11:06

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	28.8	29.9	44.9#

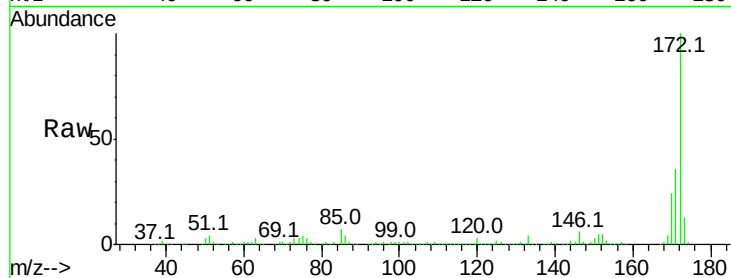




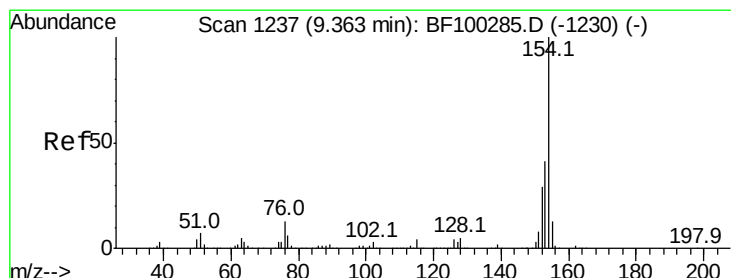
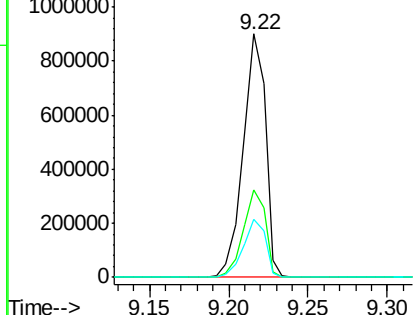
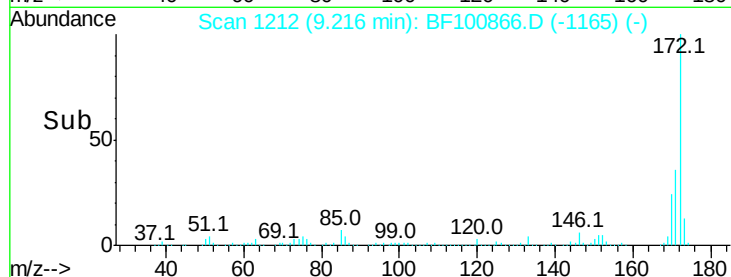
#44
2-Fluorobiphenyl
Concen: 106.290 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF100866.D
Acq: 23 Nov 2017 11:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 880562
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 23.8 19.6 29.4

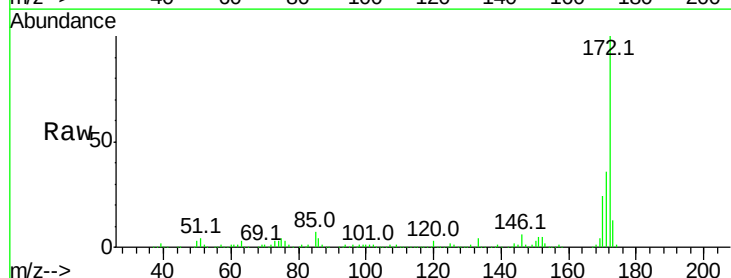


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

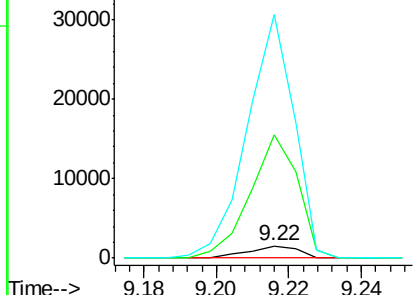
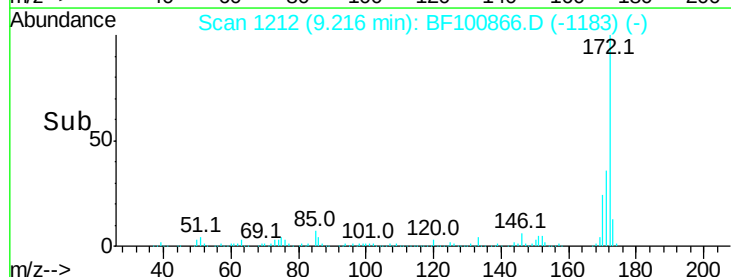


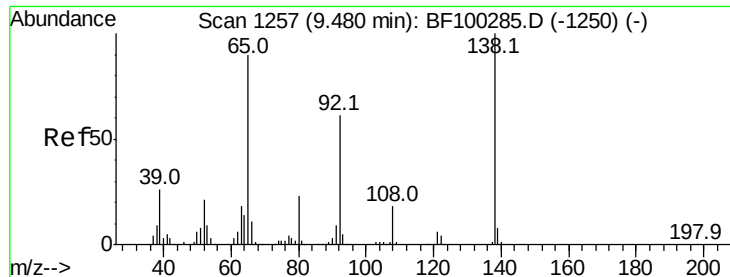
#45
1,1'-Biphenyl
Concen: 0.128 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.13 min
Lab File: BF100866.D
Acq: 23 Nov 2017 11:06

Tgt Ion:154 Resp: 1398
Ion Ratio Lower Upper
154 100
153 1009.3 21.3 61.3#
76 1989.4 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: 3.266 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.25 min

Lab File: BF100866.D

Acq: 23 Nov 2017 11:06

Instrument :

BNA_F

ClientSampleId :

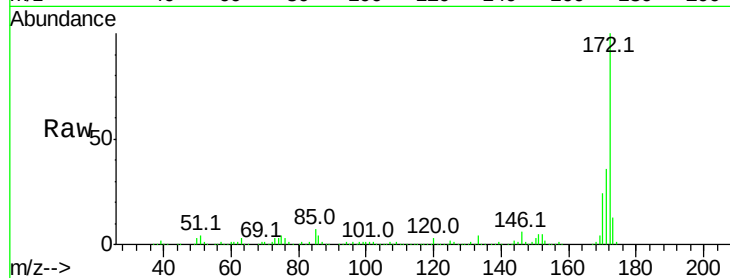
Tot Ion: 65 Resp: 1198

Ion Ratio Lower Upper

65 100

92 174.1 55.8 83.6#

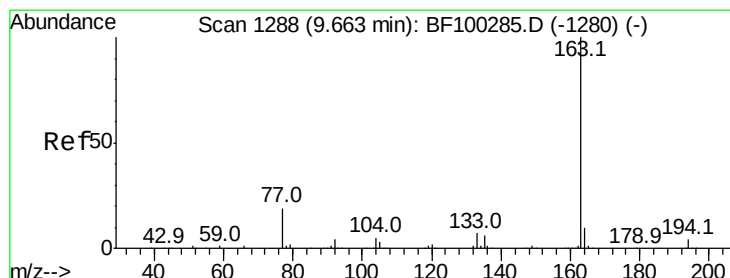
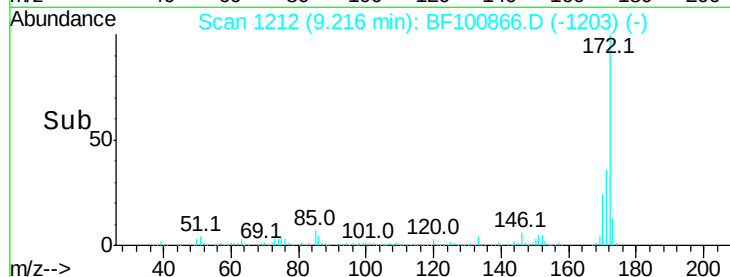
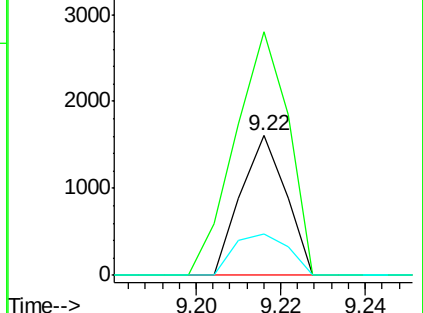
138 29.6 91.2 136.8#



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



#49

Dimethylphthalate

Concen: 1.208 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.04 min

Lab File: BF100866.D

Acq: 23 Nov 2017 11:06

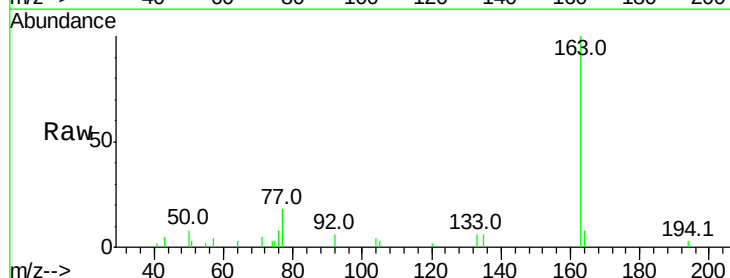
Tgt Ion: 163 Resp: 11634

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

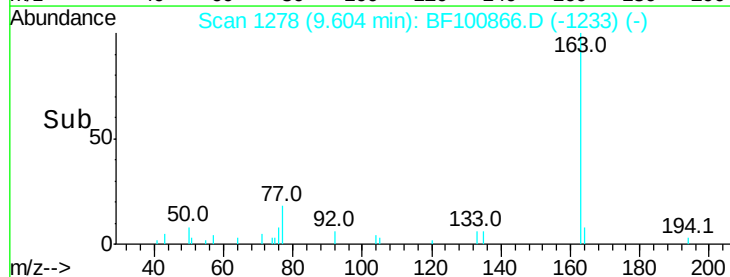
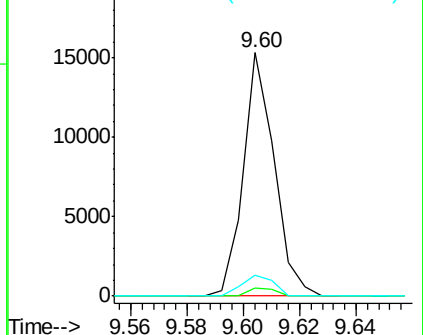
164 8.4 8.2 12.2

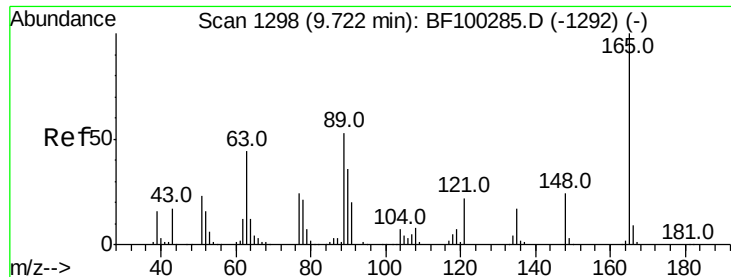


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 8.633 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.19 min

Lab File: BF100866.D

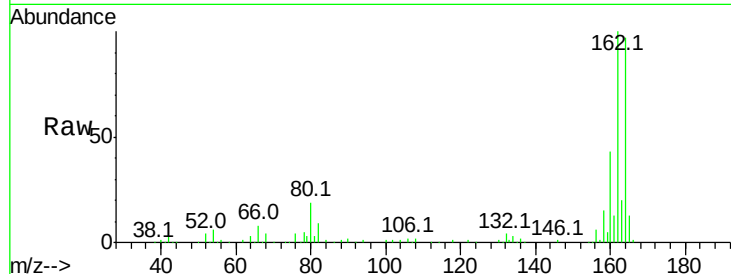
Acq: 23 Nov 2017 11:06

Instrument :

BNA_F

ClientSampleId :

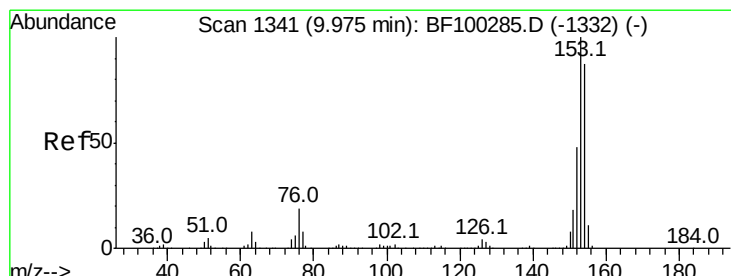
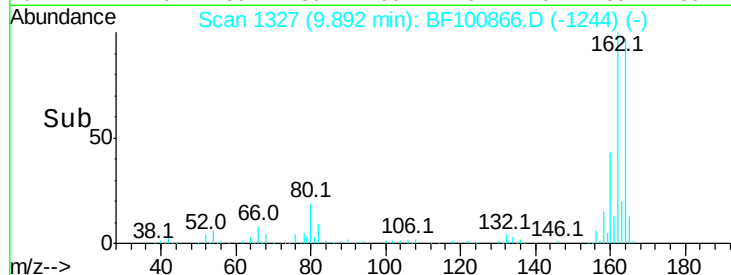
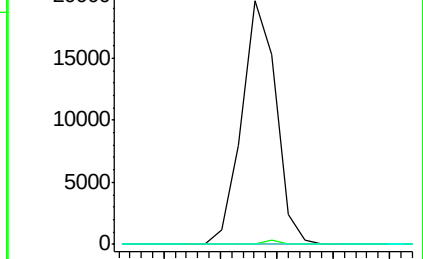
Tot Ion:	165	Resp:	16460
Ion Ratio	Lower	Upper	
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#51

Acenaphthene

Concen: 0.035 ng

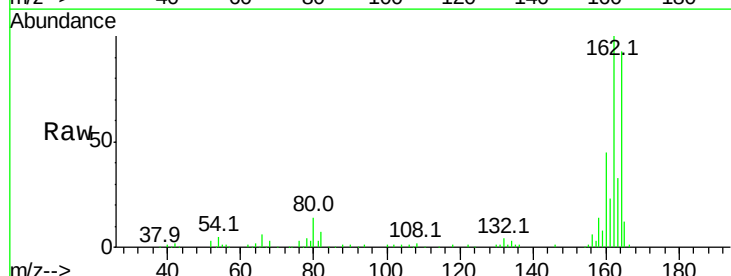
RT: 9.90 min Scan# 1328

Delta R.T. -0.06 min

Lab File: BF100866.D

Acq: 23 Nov 2017 11:06

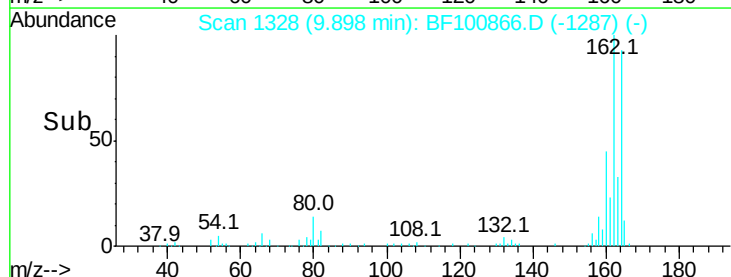
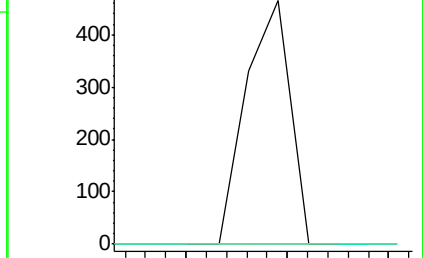
Tgt Ion:	154	Resp:	281
Ion Ratio	Lower	Upper	
154	100		
153	0.0	91.2	136.8#
152	0.0	43.8	65.8#

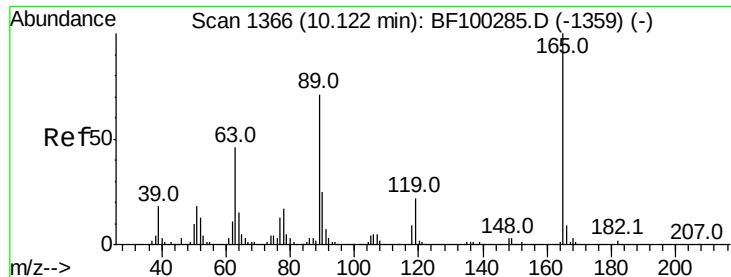


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

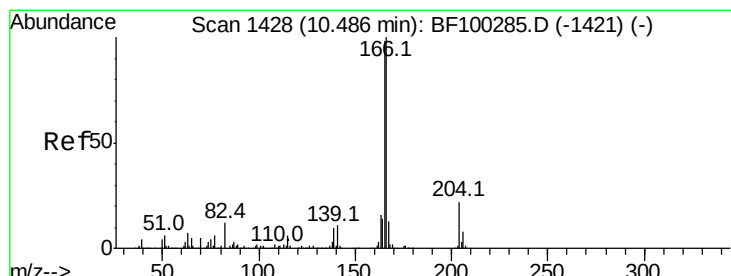
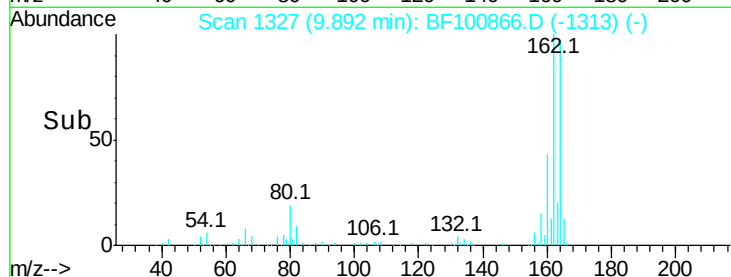
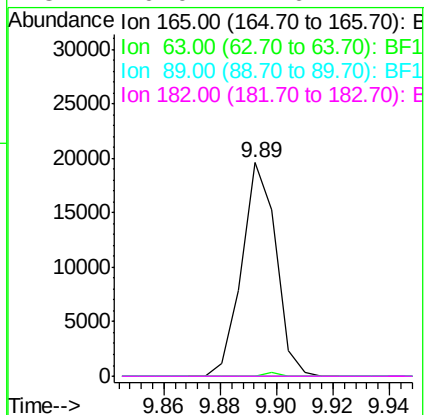
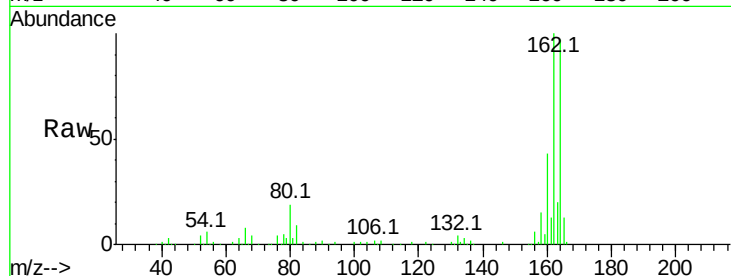




#56
2,4-Dinitrotoluene
Concen: 6.844 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.22 min
Lab File: BF100866.D
Acq: 23 Nov 2017 11:06

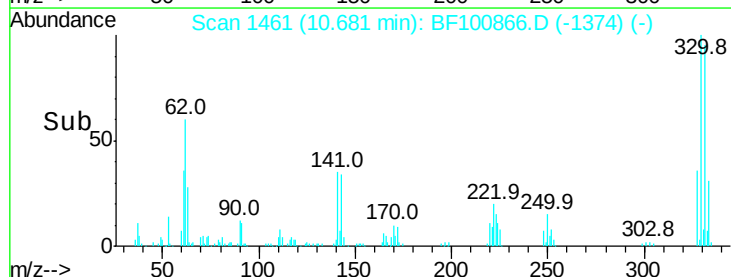
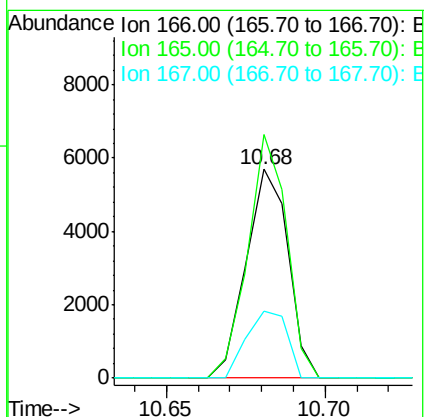
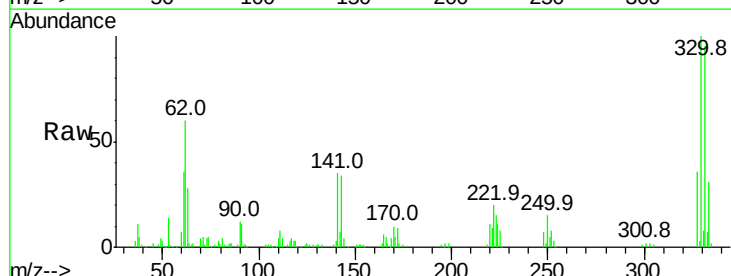
Instrument :
BNA_F
ClientSampleId :

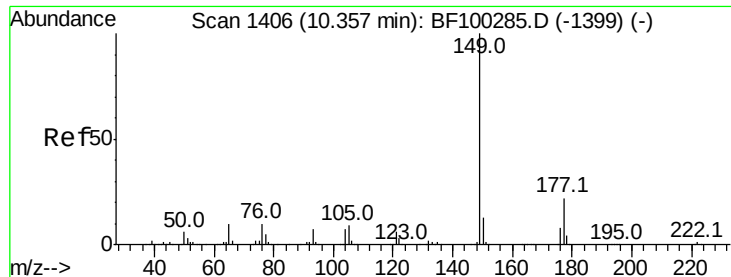
Tot Ion:	165	Resp:	16460
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#57
Fluorene
Concen: 0.640 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.21 min
Lab File: BF100866.D
Acq: 23 Nov 2017 11:06

Tgt Ion:	166	Resp:	5239
Ion	Ratio	Lower	Upper
166	100		
165	116.6	79.8	119.8
167	32.4	10.6	16.0#

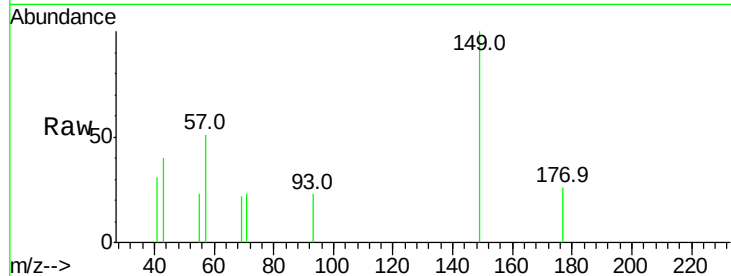




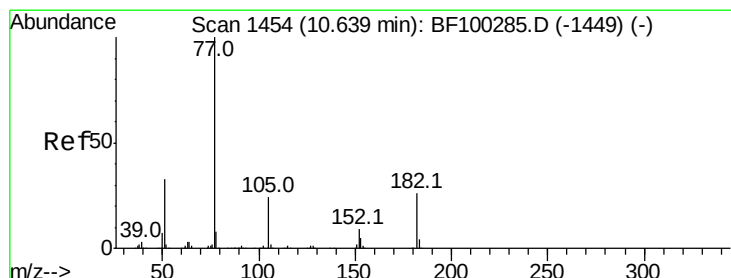
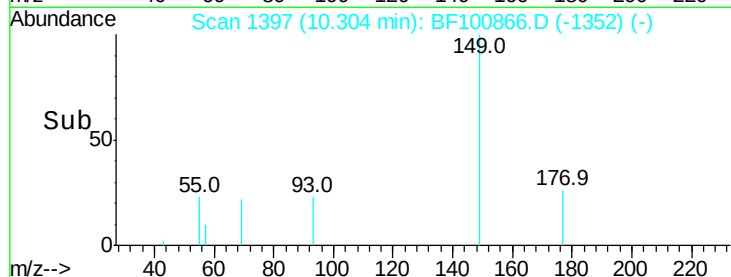
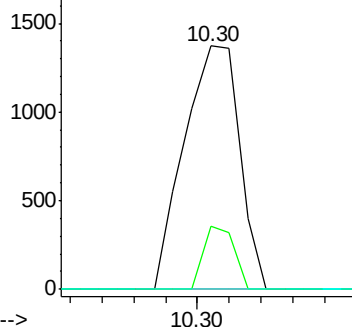
#59
Diethylphthalate
Concen: 0.172 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.04 min
Lab File: BF100866.D
Acq: 23 Nov 2017 11:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1661
Ion Ratio Lower Upper
149 100
177 26.0 16.1 24.1#
150 0.0 10.1 15.1#

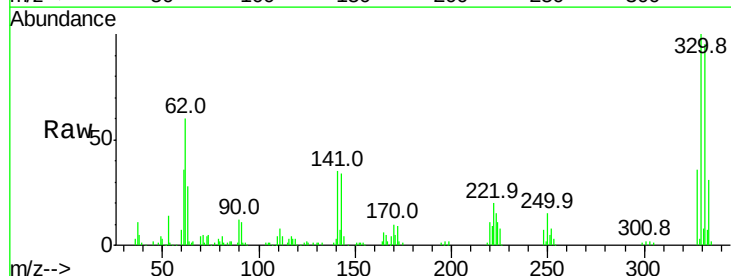


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

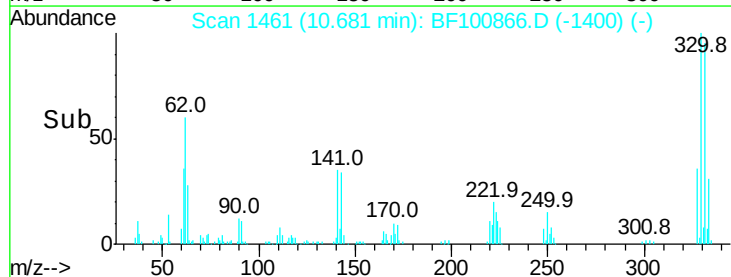
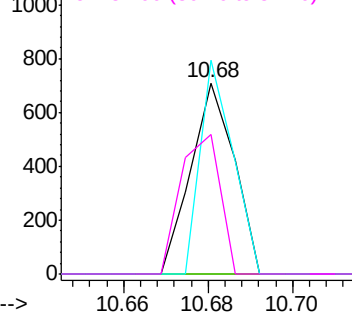


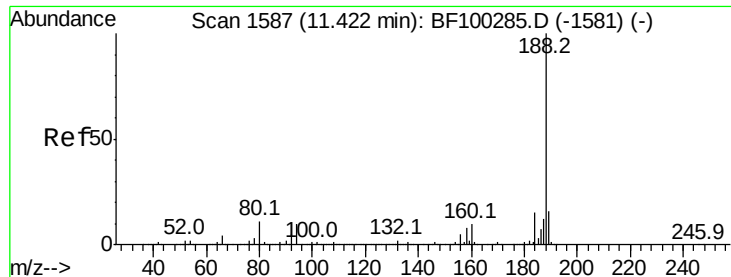
#62
Azobenzene
Concen: 0.056 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.06 min
Lab File: BF100866.D
Acq: 23 Nov 2017 11:06

Tgt Ion: 77 Resp: 506
Ion Ratio Lower Upper
77 100
182 0.0 1.7 41.7#
105 112.0 3.0 43.0#
51 73.1 9.9 49.9#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

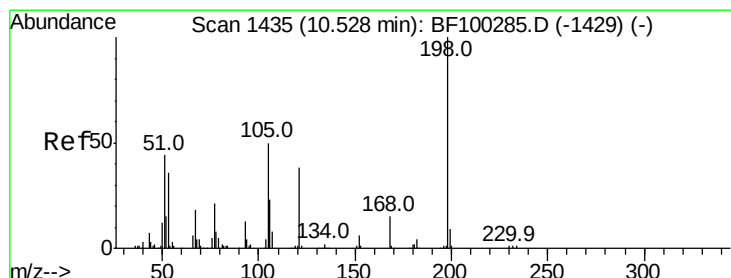
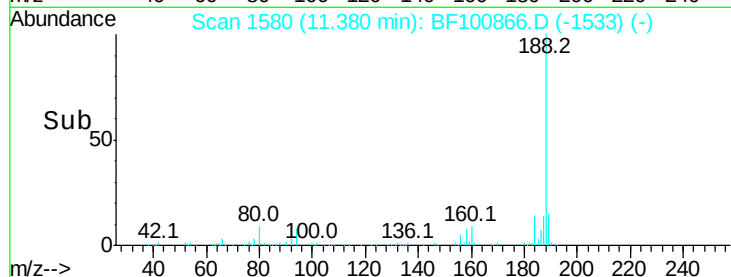
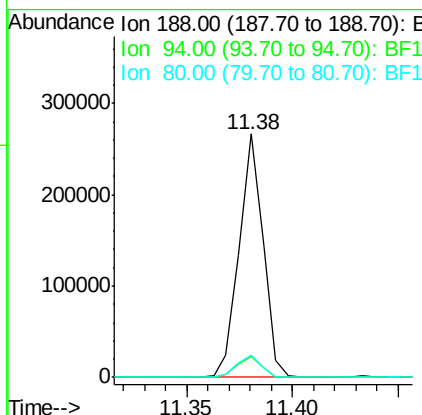
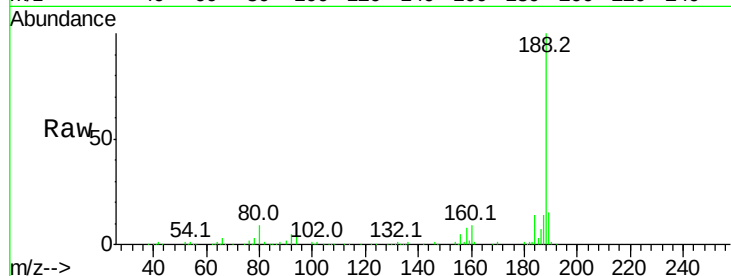




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.02 min
 Lab File: BF100866.D
 Acq: 23 Nov 2017 11:06

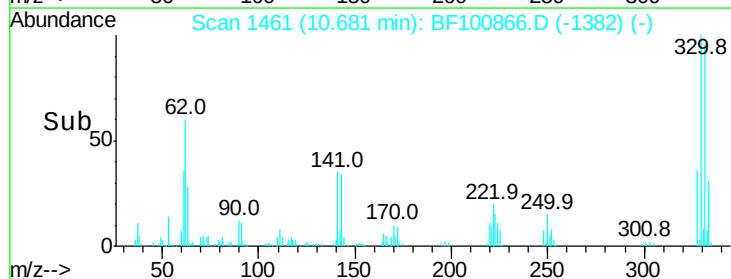
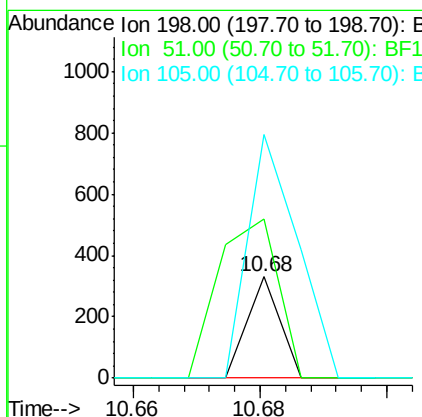
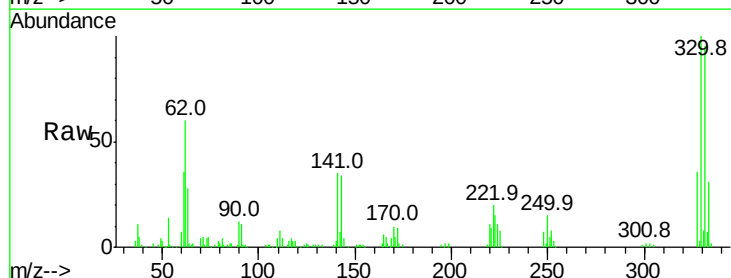
Instrument :
 BNA_F
 ClientSampleId :

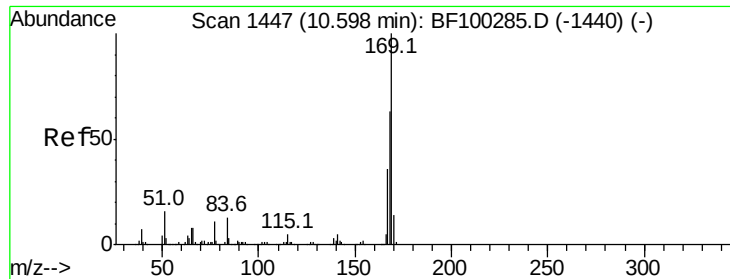
Tot Ion:188 Resp: 209511
 Ion Ratio Lower Upper
 188 100
 94 8.5 8.5 12.7#
 80 9.2 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.660 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.16 min
 Lab File: BF100866.D
 Acq: 23 Nov 2017 11:06

Tgt Ion:198 Resp: 116
 Ion Ratio Lower Upper
 198 100
 51 157.0 37.7 77.7#
 105 240.6 36.3 76.3#

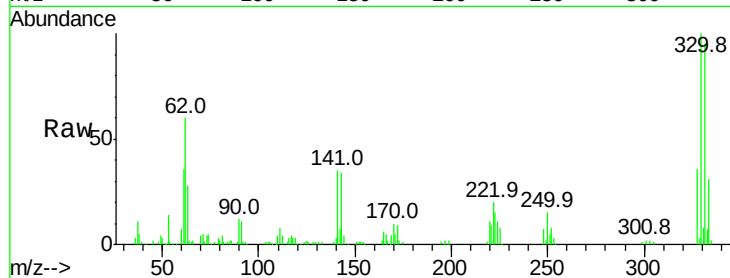




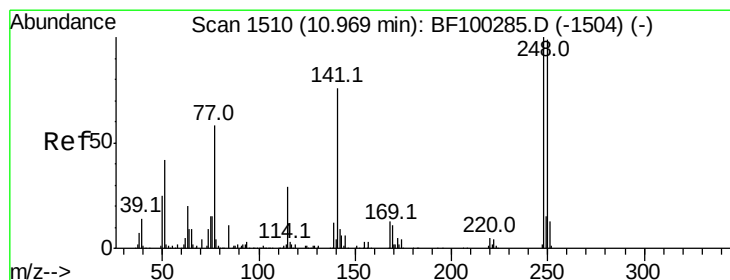
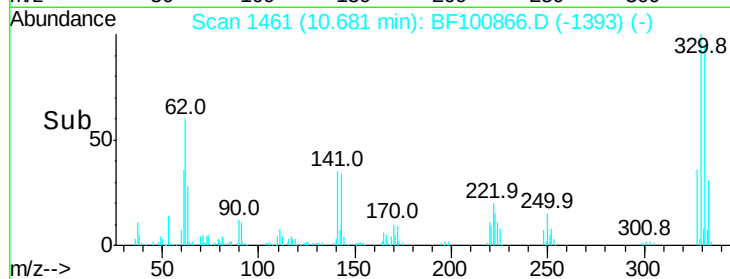
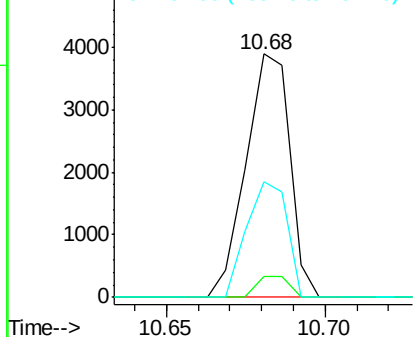
#65
 n-Nitrosodiphenylamine
 Concen: 0.513 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.10 min
 Lab File: BF100866.D
 Acq: 23 Nov 2017 11:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 3739
 Ion Ratio Lower Upper
 169 100
 168 8.3 54.4 81.6#
 167 47.3 29.8 44.6#

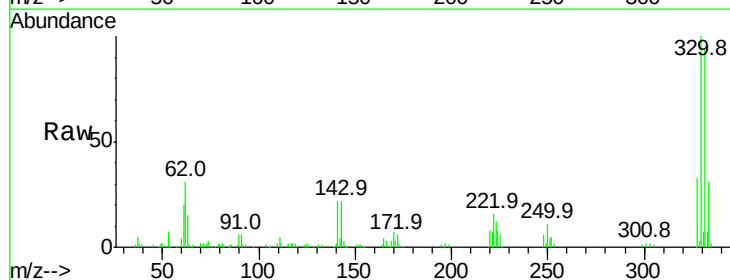


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

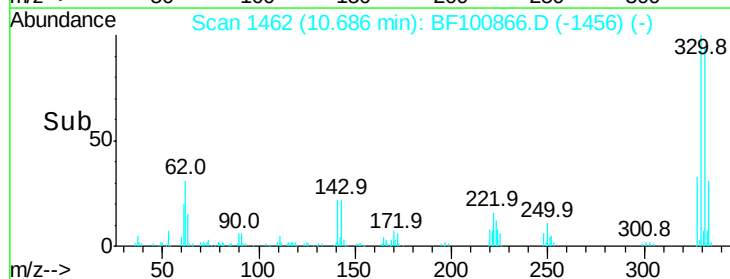
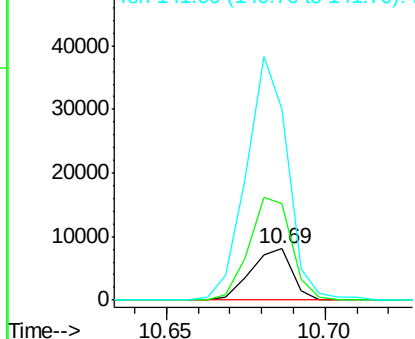


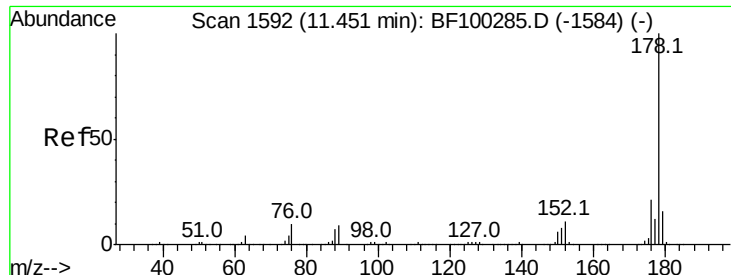
#66
 4-Bromophenyl-phenylether
 Concen: 3.261 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.26 min
 Lab File: BF100866.D
 Acq: 23 Nov 2017 11:06

Tgt Ion:248 Resp: 7323
 Ion Ratio Lower Upper
 248 100
 250 188.1 76.9 115.3#
 141 373.0 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: 0.023 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.03 min

Lab File: BF100866.D

Acq: 23 Nov 2017 11:06

Instrument :

BNA_F

ClientSampled :

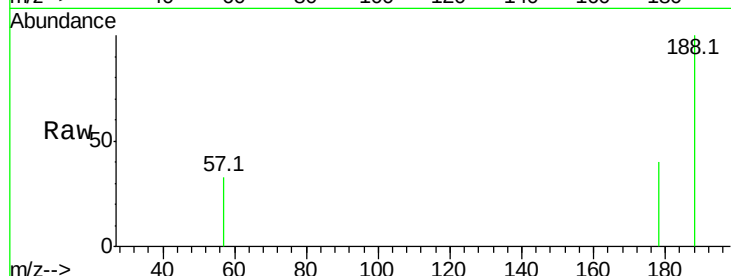
Tot Ion:178 Resp: 249

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.8#

179 0.0 13.0 19.6#



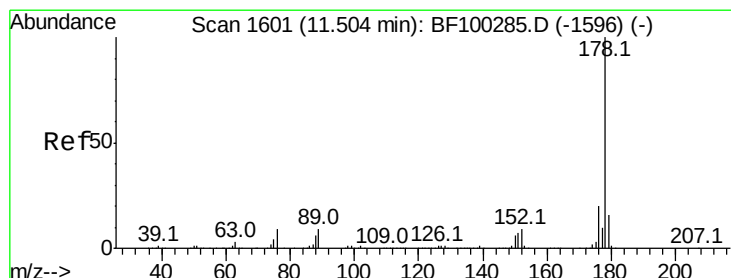
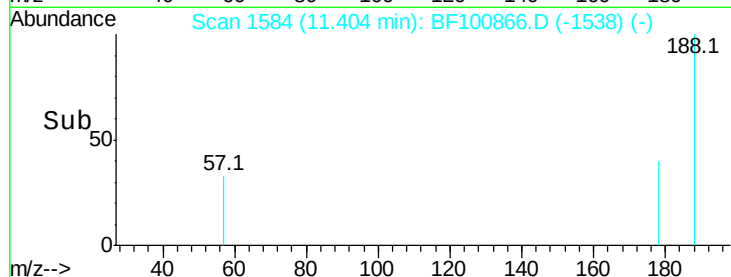
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

Time-->

11.38 11.40 11.42



#71

Anthracene

Concen: 0.022 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.08 min

Lab File: BF100866.D

Acq: 23 Nov 2017 11:06

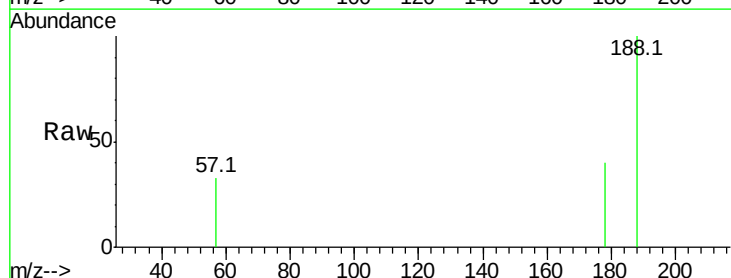
Tgt Ion:178 Resp: 249

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.2#

179 0.0 12.6 19.0#



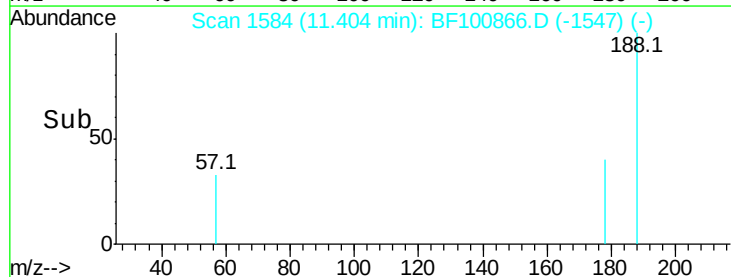
Abundance Ion 178.00 (177.70 to 178.70): E

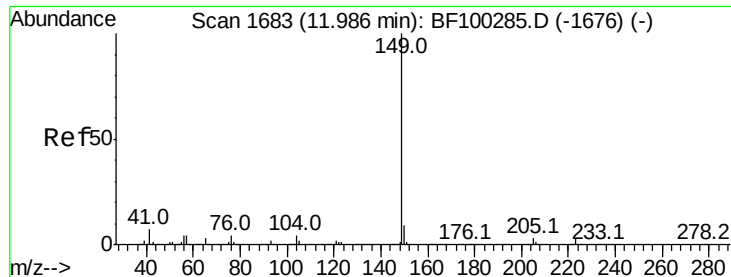
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

Time-->

11.38 11.40 11.42





#73

Di-n-butylphthalate

Concen: 0.084 ng

RT: 11.93 min Scan# 1674

Delta R.T. -0.03 min

Lab File: BF100866.D

Acq: 23 Nov 2017 11:06

Instrument :

BNA_F

ClientSampleId :

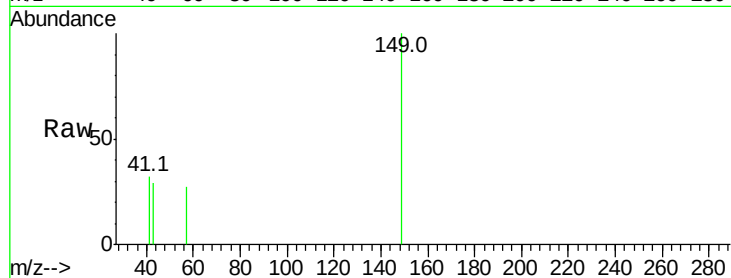
Tot Ion:149 Resp: 1019

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

104 0.0 3.8 5.8#

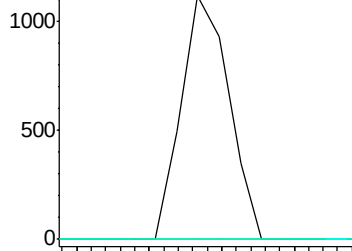


Abundance Ion 149.00 (148.70 to 149.70): E

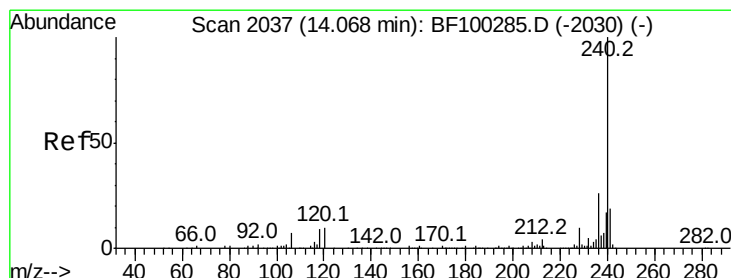
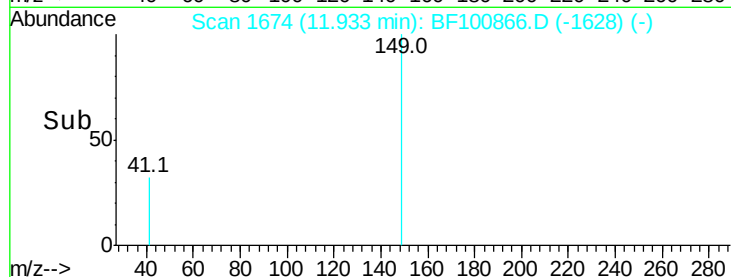
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

11.93



Time--> 11.90 11.92 11.94 11.96



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.02 min

Lab File: BF100866.D

Acq: 23 Nov 2017 11:06

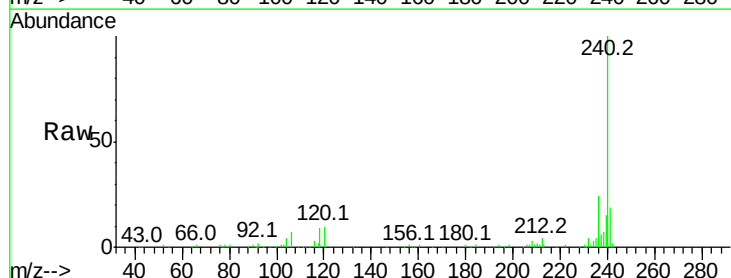
Tgt Ion:240 Resp: 138740

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

236 24.2 20.7 31.1

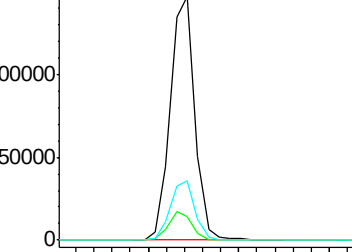


Abundance Ion 240.00 (239.70 to 240.70): E

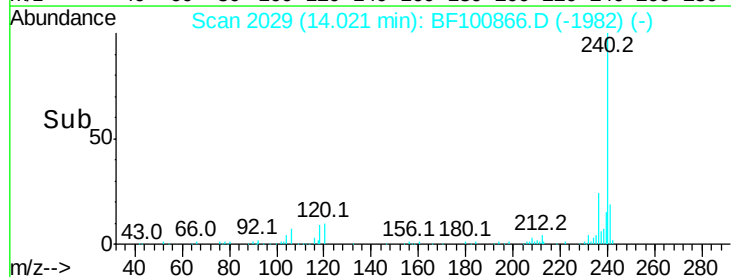
Ion 120.00 (119.70 to 120.70): E

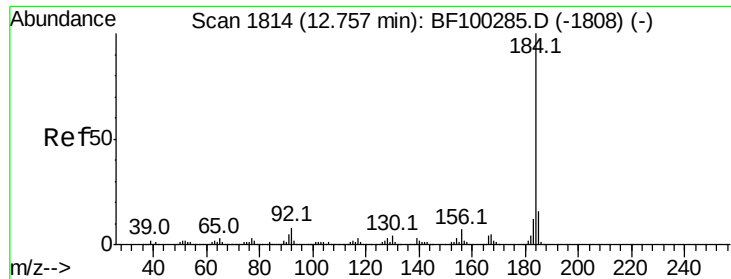
Ion 236.00 (235.70 to 236.70): E

14.02



Time--> 14.00 14.05 14.10





#76

Benzidine

Concen: 1.300 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.23 min

Lab File: BF100866.D

Acq: 23 Nov 2017 11:06

Instrument :

BNA_F

ClientSampled :

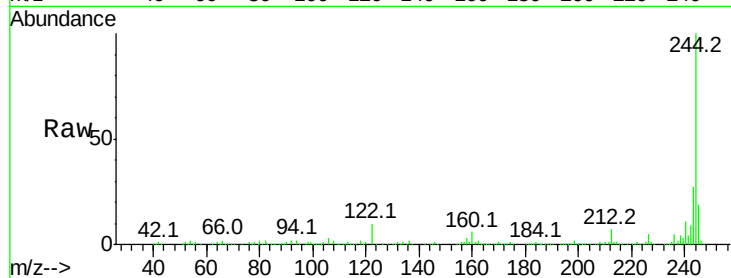
Tot Ion:184 Resp: 7221

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

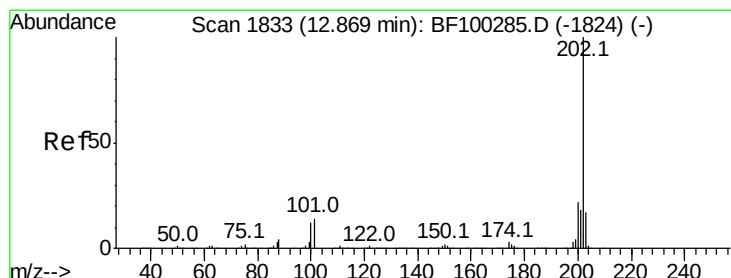
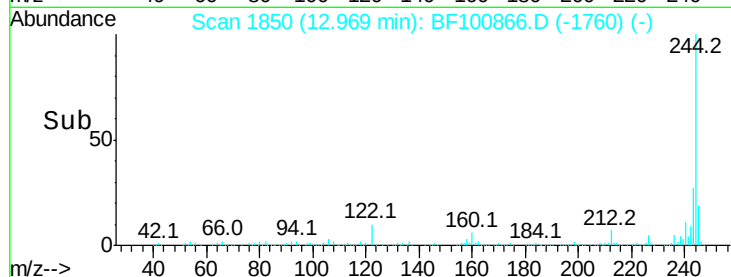
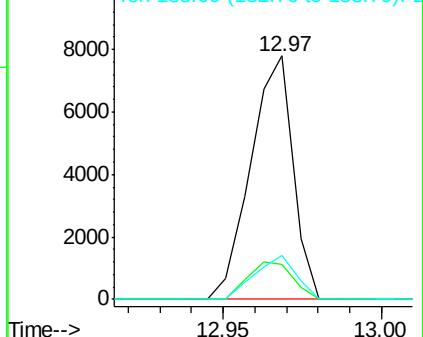
183 18.1 9.3 13.9#



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

Pyrene

Concen: 0.171 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.12 min

Lab File: BF100866.D

Acq: 23 Nov 2017 11:06

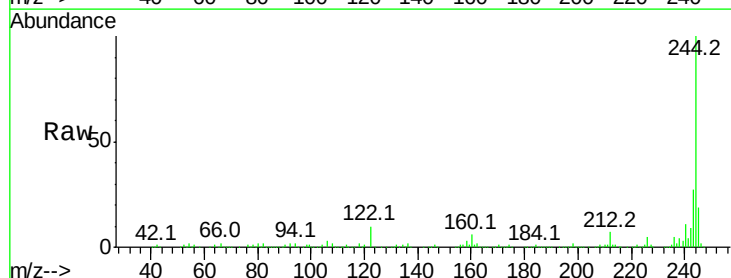
Tgt Ion:202 Resp: 1687

Ion Ratio Lower Upper

202 100

200 55.3 17.4 26.2#

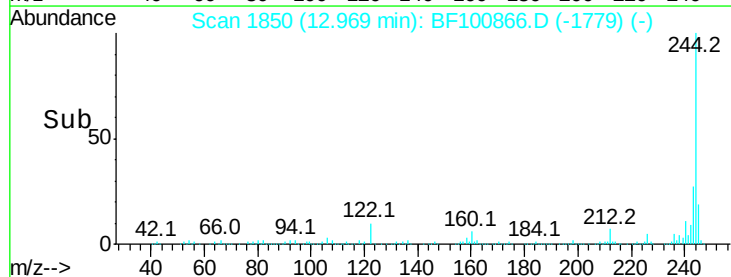
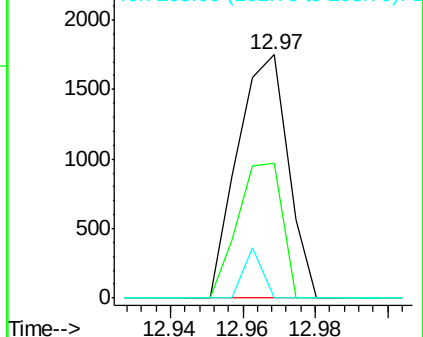
203 0.0 14.3 21.5#

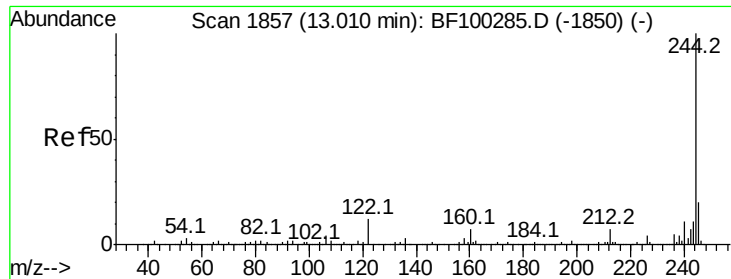


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 98.862 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.02 min

Lab File: BF100866.D

Acq: 23 Nov 2017 11:06

Instrument :

BNA_F

ClientSampleId :

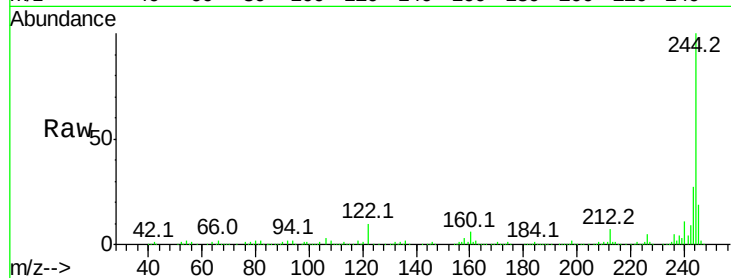
Tot Ion:244 Resp: 596945

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

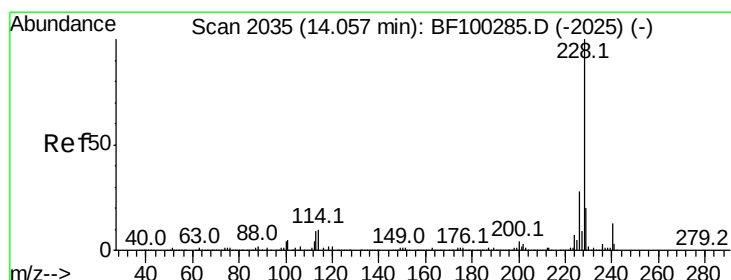
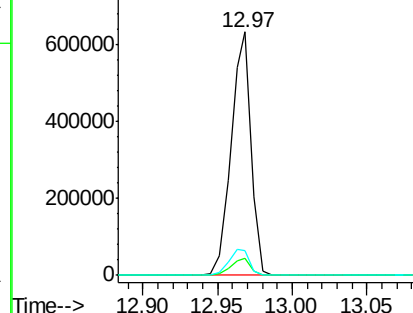
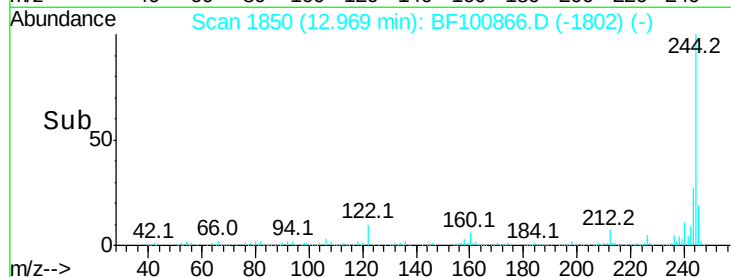
122 10.1 11.0 16.4#



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



#80

Benzo(a)anthracene

Concen: 0.058 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF100866.D

Acq: 23 Nov 2017 11:06

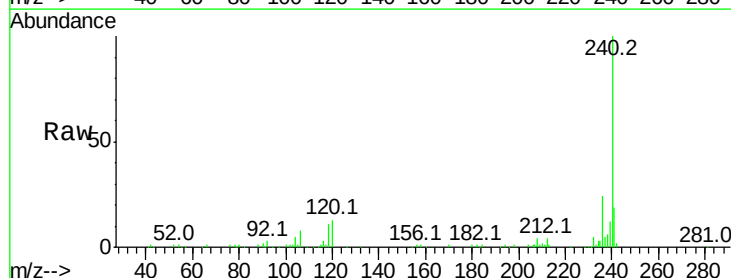
Tgt Ion:228 Resp: 488

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

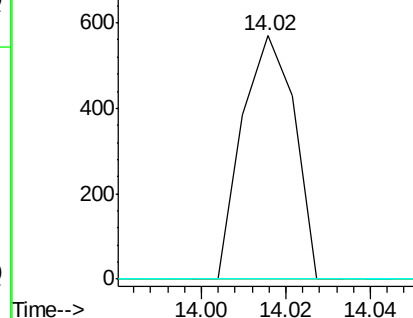
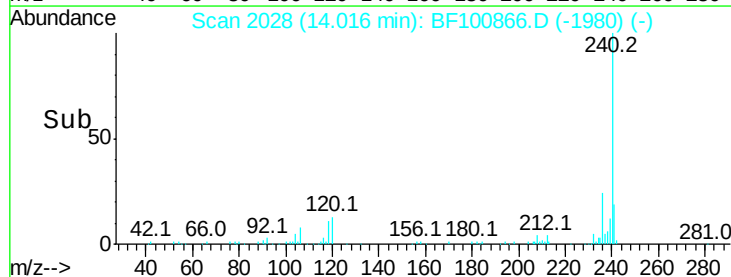
229 0.0 15.8 23.6#

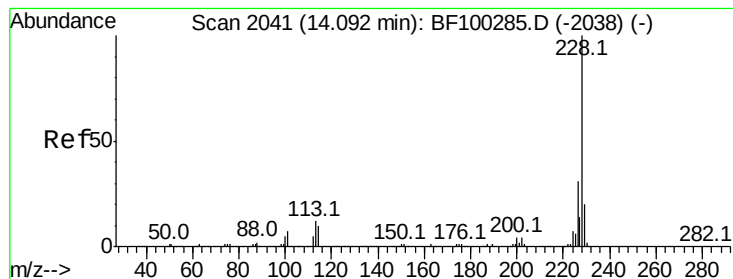


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 0.060 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.06 min

Lab File: BF100866.D

Acq: 23 Nov 2017 11:06

Instrument :

BNA_F

ClientSampleId :

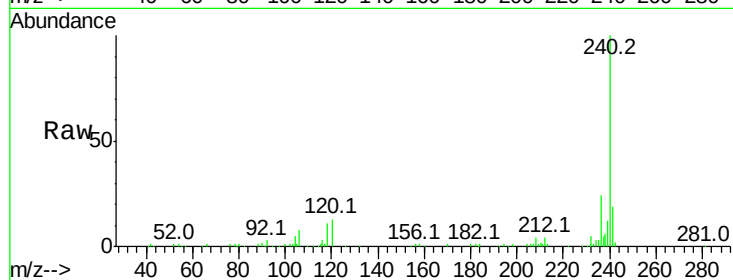
Tot Ion:228 Resp: 488

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

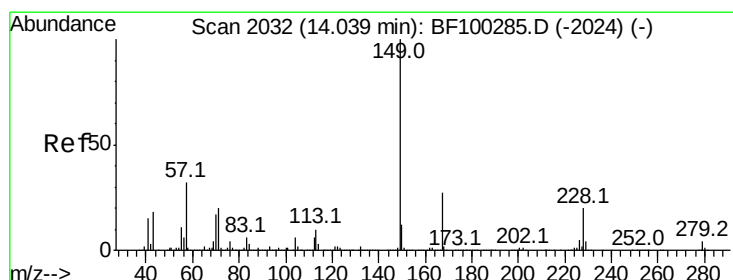
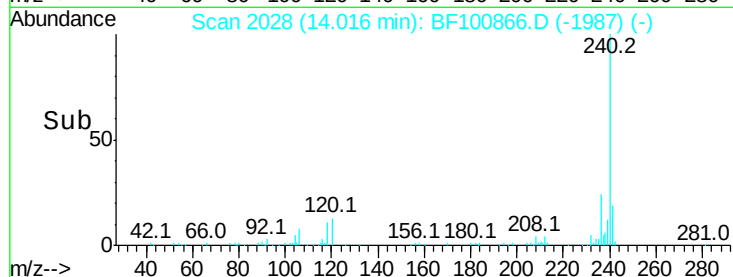
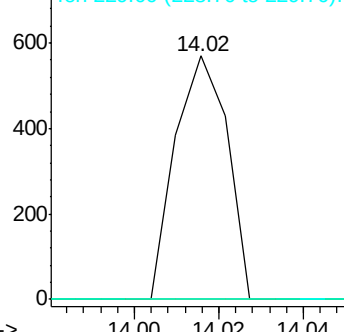
229 0.0 16.2 24.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.125 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF100866.D

Acq: 23 Nov 2017 11:06

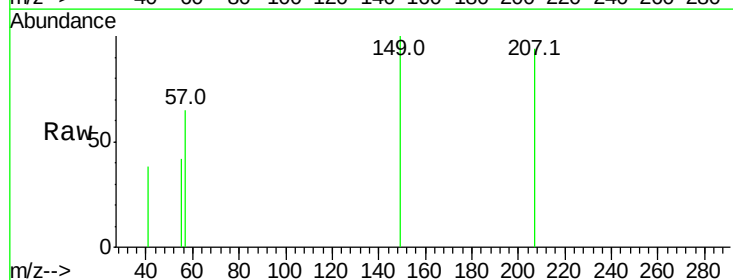
Tgt Ion:149 Resp: 662

Ion Ratio Lower Upper

149 100

167 0.0 21.3 31.9#

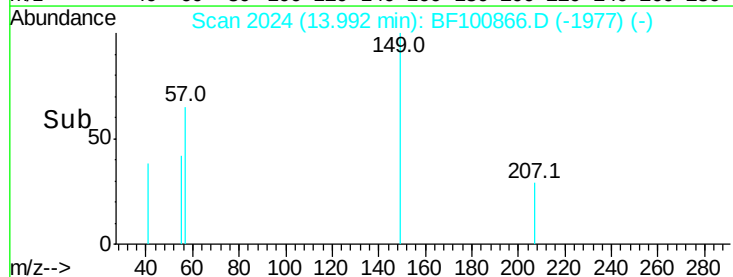
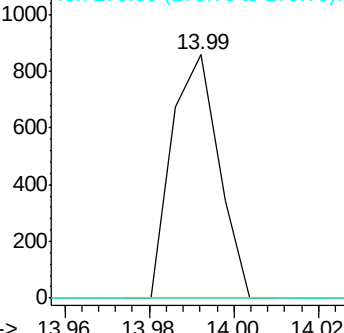
279 0.0 3.0 4.4#

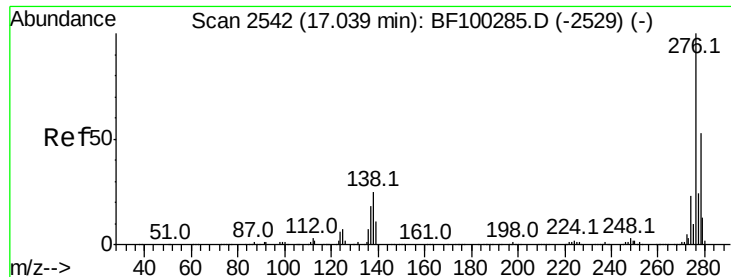


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

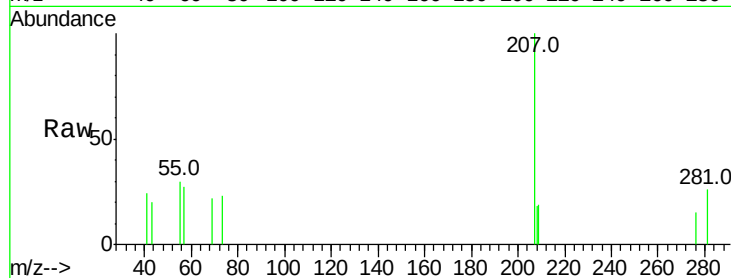




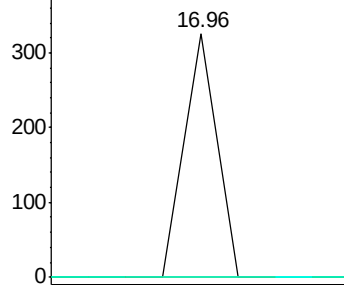
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.018 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.04 min
Lab File: BF100866.D
Acq: 23 Nov 2017 11:06

Instrument :
BNA_F
ClientSampleId :

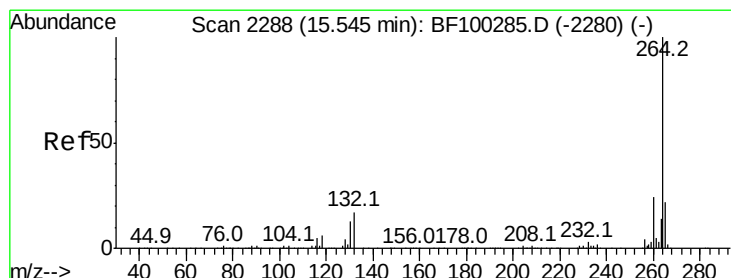
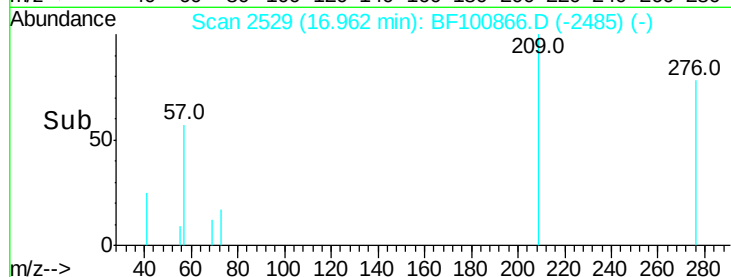
Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	25.0	37.6#
277	0.0	20.1	30.1#



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

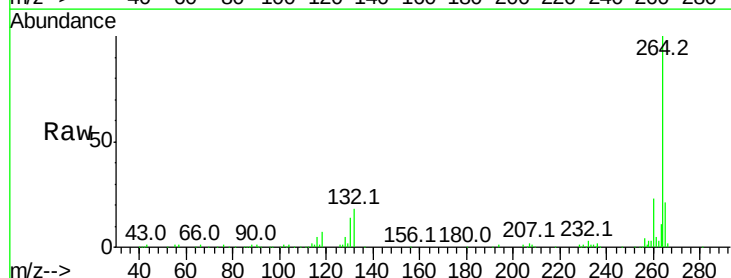


Time--> 16.94 16.96 16.98

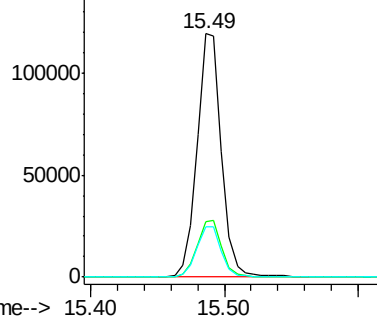


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.03 min
Lab File: BF100866.D
Acq: 23 Nov 2017 11:06

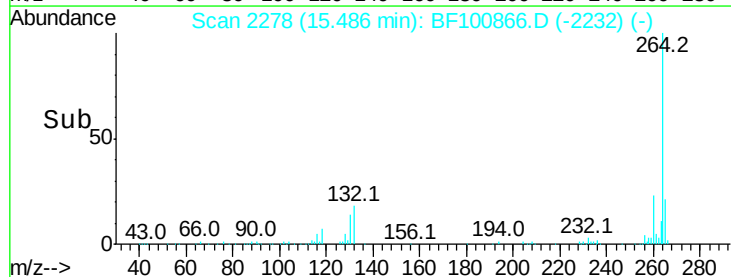
Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	20.6	17.5	26.3

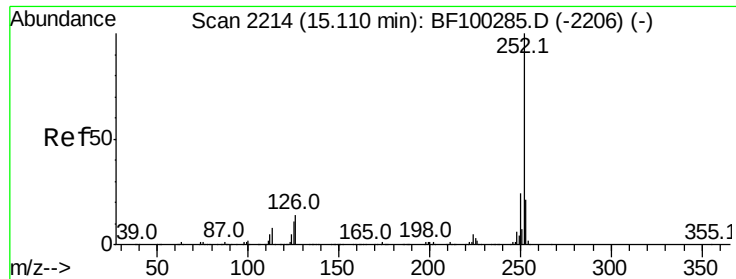


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time--> 15.40 15.50





#87

Benzo(b)fluoranthene

Concen: 0.057 ng

RT: 15.06 min Scan# 2205

Delta R.T. -0.03 min

Lab File: BF100866.D

Acq: 23 Nov 2017 11:06

Instrument :

BNA_F

ClientSampled :

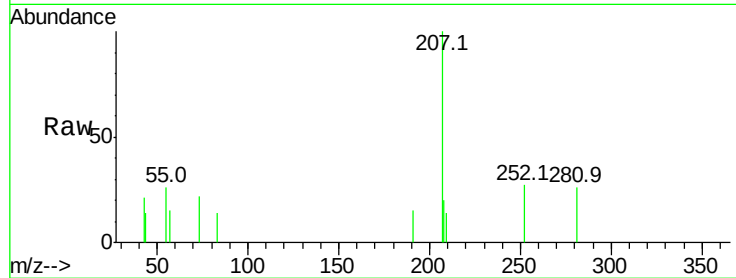
Tot Ion:252 Resp: 520

Ion Ratio Lower Upper

252 100

253 0.0 17.0 25.6#

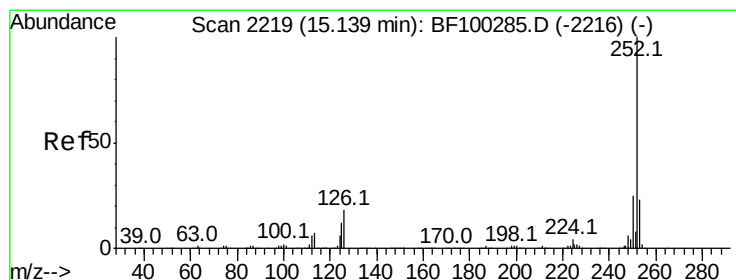
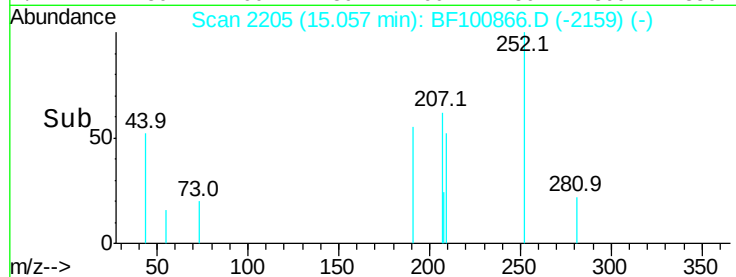
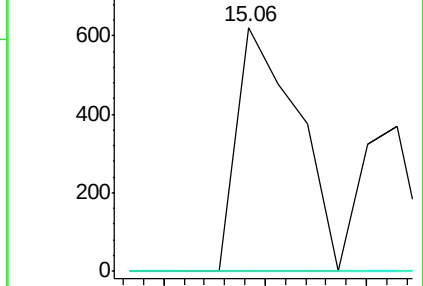
125 0.0 9.0 13.6#



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



#88

Benzo(k)fluoranthene

Concen: 0.029 ng

RT: 15.09 min Scan# 2210

Delta R.T. -0.03 min

Lab File: BF100866.D

Acq: 23 Nov 2017 11:06

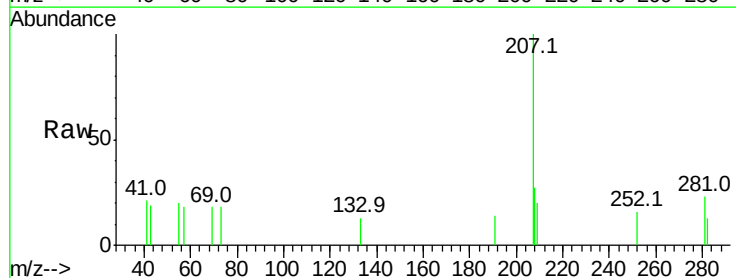
Tgt Ion:252 Resp: 245

Ion Ratio Lower Upper

252 100

253 0.0 17.9 26.9#

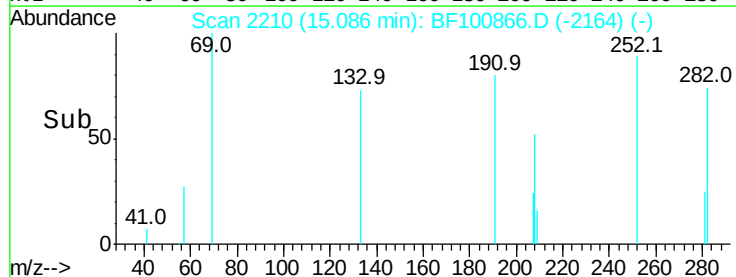
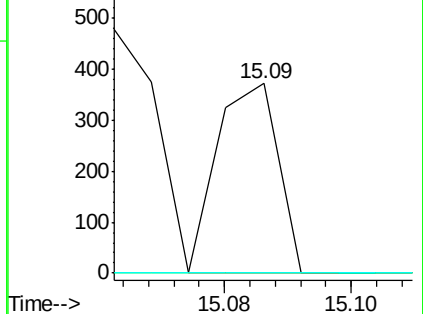
125 0.0 10.2 15.2#

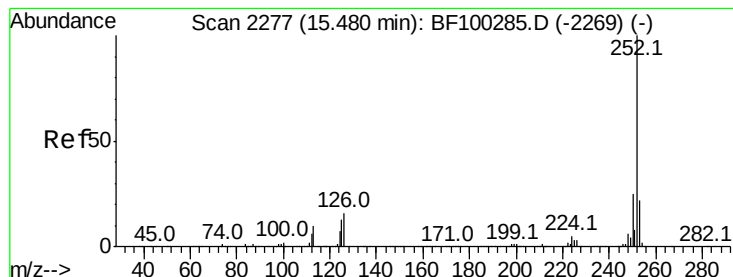


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.058 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.04 min

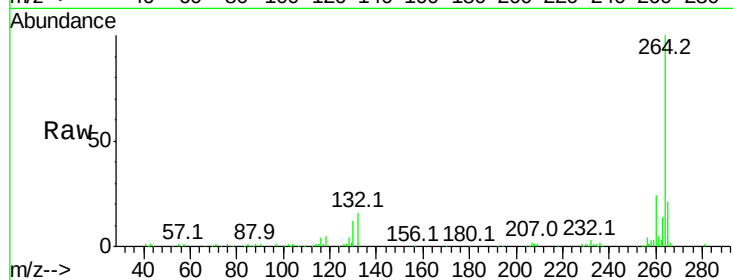
Lab File: BF100866.D

Acq: 23 Nov 2017 11:06

Instrument :

BNA_F

ClientSampleId :



Tot Ion:	252	Resp:	463
Ion Ratio	Lower	Upper	
252	100		
253	0.0	17.1	25.7#
125	0.0	9.8	14.6#

