

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100874.D
 Acq On : 23 Nov 2017 14:38
 Operator : SJ/JU
 Sample : I6567-06
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 23:55:56 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	81519	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	308281	20.00	ng	-0.03
38) Acenaphthene-d10	9.89	164	141751	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	235654	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	150235	20.00	ng	-0.02
86) Perylene-d12	15.49	264	166130	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	210044	41.30	ng	-0.02
7) Phenol-d6	6.48	99	160233	25.55	ng	-0.03
23) Nitrobenzene-d5	7.43	82	528884	113.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	134997	93.46	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1003067	107.75	ng	-0.02
78) Terphenyl-d14	12.97	244	671988	102.77	ng	-0.02

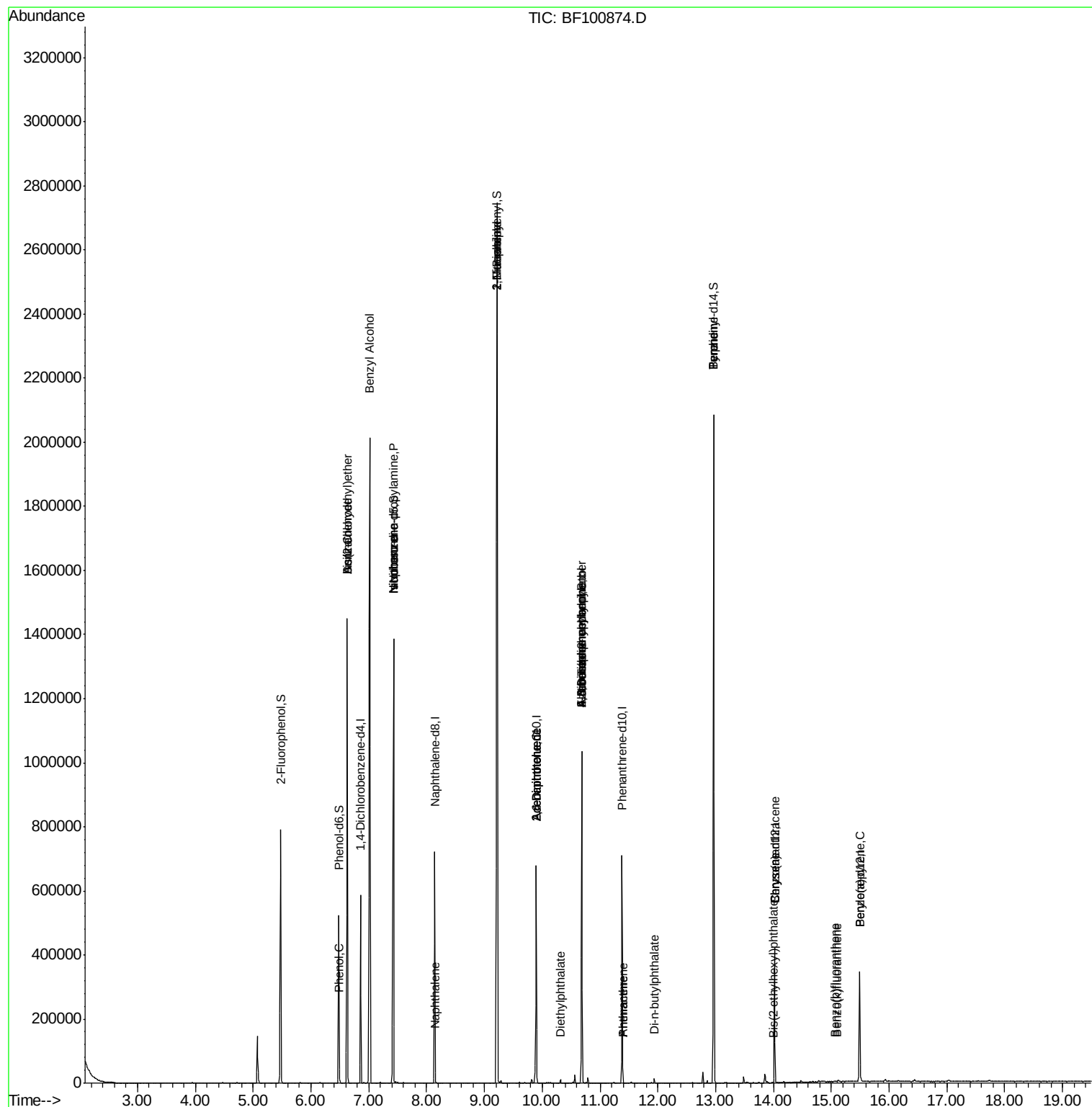
Target Compounds				Qvalue		
6) Aniline	6.63	93	318	0.036	ng	# 1
9) Benzaldehyde	6.63	77	7743	1.729	ng	# 80
10) Phenol	6.49	94	8506	1.292	ng	# 98
11) bis(2-Chloroethyl)ether	6.63	93	318	0.058	ng	# 1
15) Benzyl Alcohol	7.02	79	8443	1.725	ng	# 48
19) n-Nitroso-di-n-propylamine	7.43	70	69139	15.898	ng	# 79
24) Nitrobenzene	7.42	77	1434	0.299	ng	# 37
25) Isophorone	7.43	82	528876	53.974	ng	# 64
31) Naphthalene	8.16	128	288	0.019	ng	# 68
45) 1,1'-Biphenyl	9.22	154	1656	0.135	ng	# 1
47) 2-Nitroaniline	9.22	65	1470	3.311	ng	# 1
50) 2,6-Dinitrotoluene	9.89	165	18642	8.702	ng	# 24
51) Acenaphthene	9.90	154	426	0.048	ng	# 4
56) 2,4-Dinitrotoluene	9.89	165	18642	6.898	ng	# 21
57) Fluorene	10.69	166	6135	0.667	ng	# 92
59) Diethylphthalate	10.30	149	1720	0.159	ng	# 88
62) Azobenzene	10.69	77	434	0.043	ng	# 17
64) 4,6-Dinitro-2-methylphenol	10.68	198	125	8.656	ng	# 1
65) n-Nitrosodiphenylamine	10.69	169	4083	0.498	ng	# 40
66) 4-Bromophenyl-phenylether	10.69	248	8767	3.470	ng	# 1
70) Phenanthrene	11.40	178	265	0.021	ng	# 59
71) Anthracene	11.40	178	265	0.021	ng	# 60
73) Di-n-butylphthalate	11.93	149	7656	0.563	ng	# 97
76) Benzidine	12.97	184	8416	1.399	ng	# 92
77) Pyrene	12.97	202	1982	0.185	ng	# 73
80) Benzo(a)anthracene	14.02	228	485	0.054	ng	# 51
82) Chrysene	14.02	228	485	0.055	ng	# 48
83) Bis(2-ethylhexyl)phthalate	13.99	149	681	0.119	ng	# 53
87) Benzo(b)fluoranthene	15.06	252	440	0.045	ng	# 60
88) Benzo(k)fluoranthene	15.09	252	348	0.037	ng	# 59
89) Benzo(a)pyrene	15.49	252	493	0.057	ng	# 60

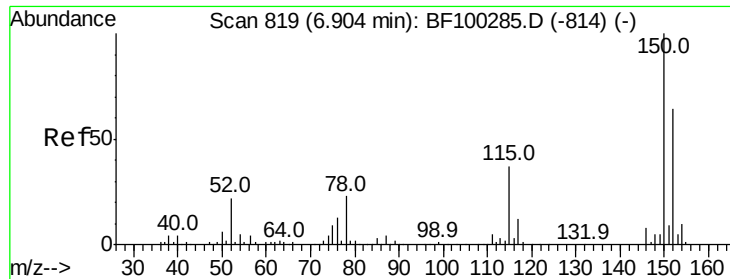
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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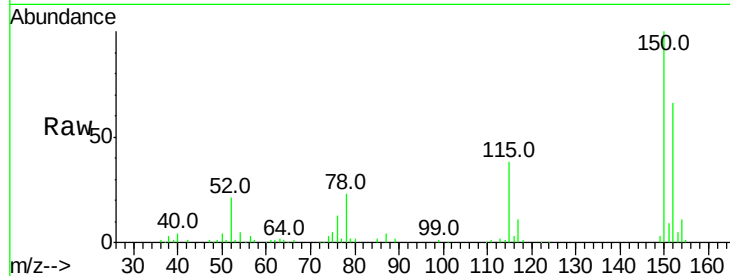


#1

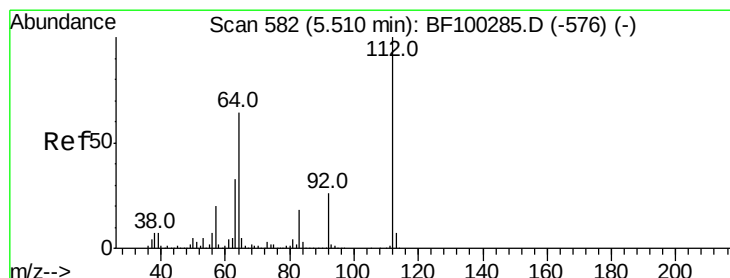
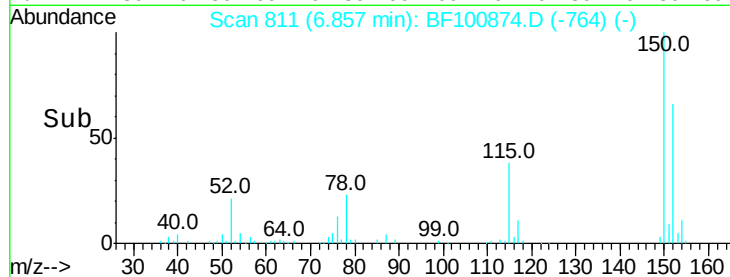
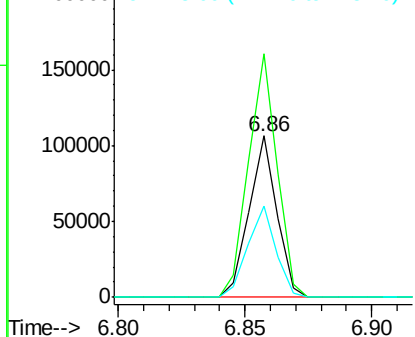
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100874.D
Acq: 23 Nov 2017 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 81519
Ion Ratio Lower Upper
152 100
150 150.7 124.6 186.8
115 56.8 50.1 75.1



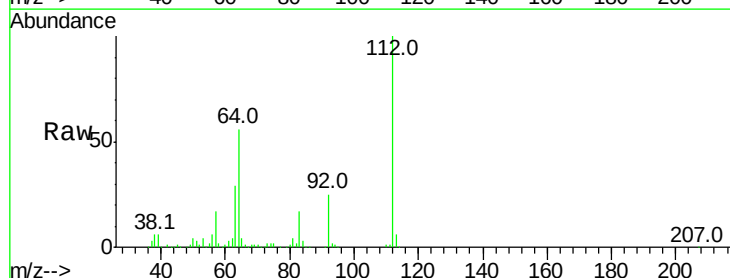
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



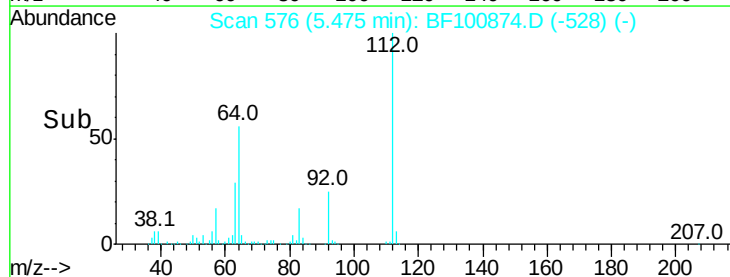
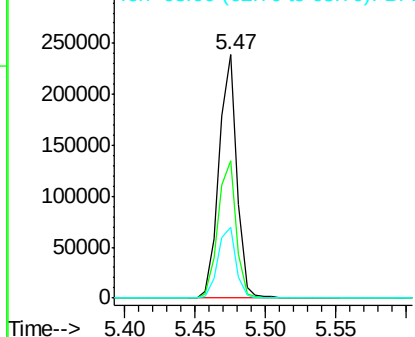
#5

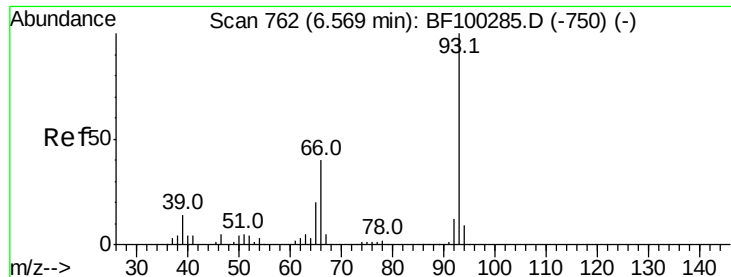
2-Fluorophenol
Concen: 41.303 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.02 min
Lab File: BF100874.D
Acq: 23 Nov 2017 14:38

Tgt Ion:112 Resp: 210044
Ion Ratio Lower Upper
112 100
64 56.4 47.9 71.9
63 28.9 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





#6

Aniline

Concen: 0.036 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.08 min

Lab File: BF100874.D

Acq: 23 Nov 2017 14:38

Instrument :

BNA_F

ClientSampleId :

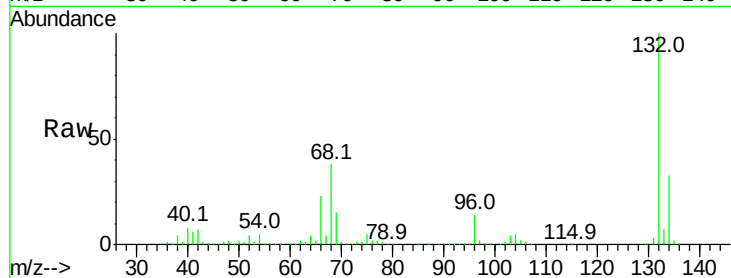
Tot Ion: 93 Resp: 318

Ion Ratio Lower Upper

93 100

66 17296.3 32.2 48.2#

65 1350.0 16.4 24.6#

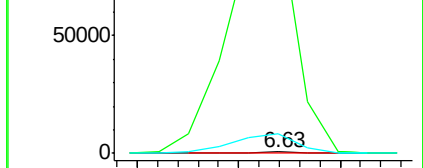


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

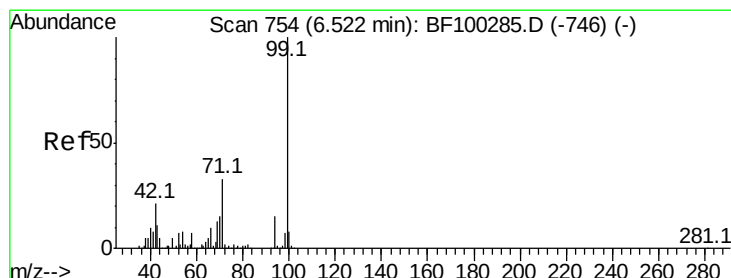
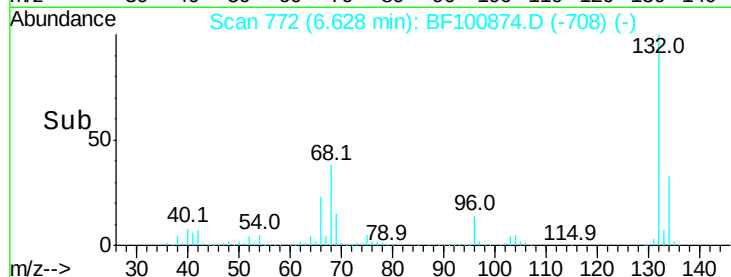
100000

50000

0



Time-->



#7

Phenol-d6

Concen: 25.551 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF100874.D

Acq: 23 Nov 2017 14:38

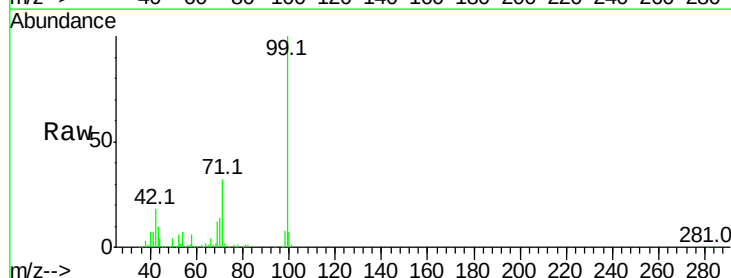
Tgt Ion: 99 Resp: 160233

Ion Ratio Lower Upper

99 100

42 17.9 14.5 21.7

71 32.4 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

250000

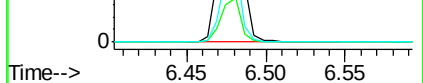
200000

150000

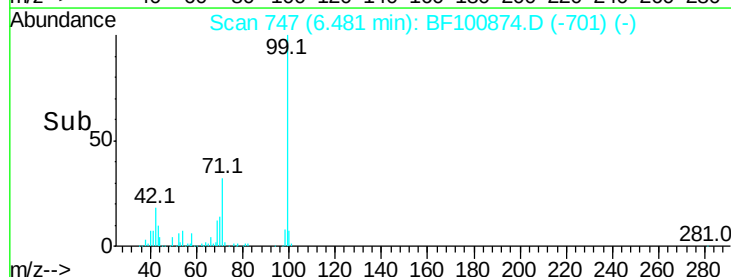
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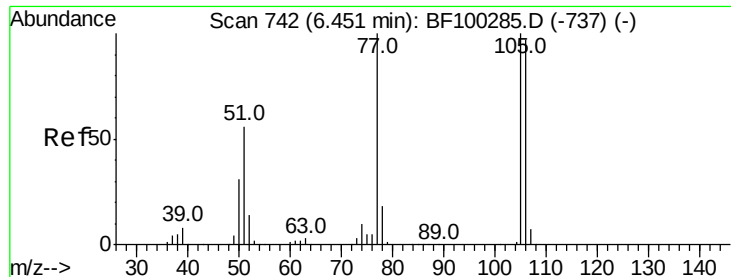
50000

0



Time-->





#9

Benzaldehyde

Concen: 1.729 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.19 min

Lab File: BF100874.D

Acq: 23 Nov 2017 14:38

Instrument :

BNA_F

ClientSampleId :

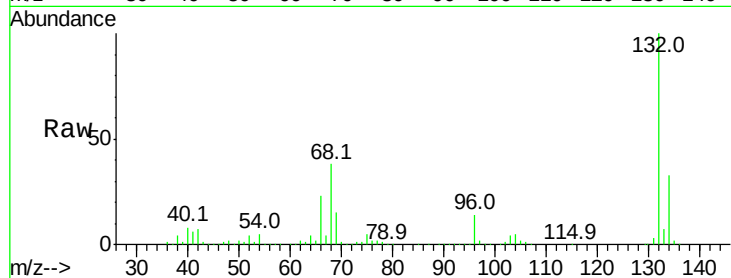
Tot Ion: 77 Resp: 7743

Ion Ratio Lower Upper

77 100

105 83.5 81.1 121.1

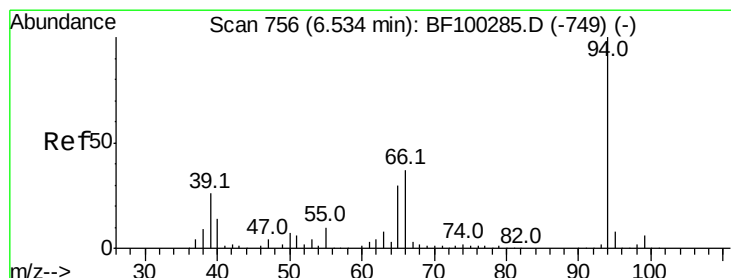
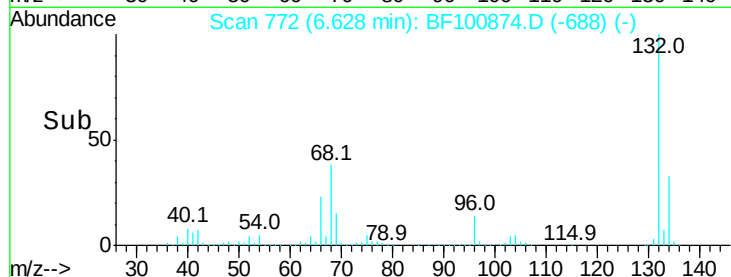
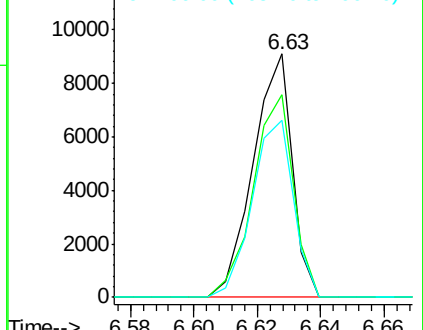
106 72.5 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 1.292 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF100874.D

Acq: 23 Nov 2017 14:38

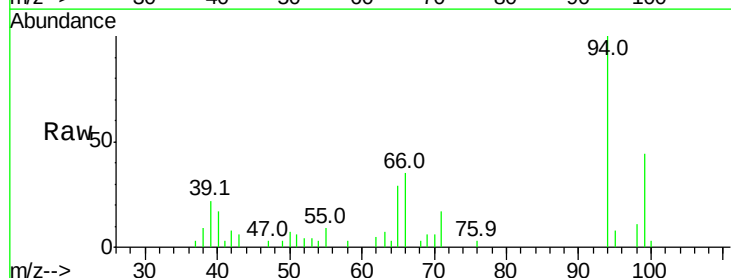
Tgt Ion: 94 Resp: 8506

Ion Ratio Lower Upper

94 100

65 29.0 7.9 47.9

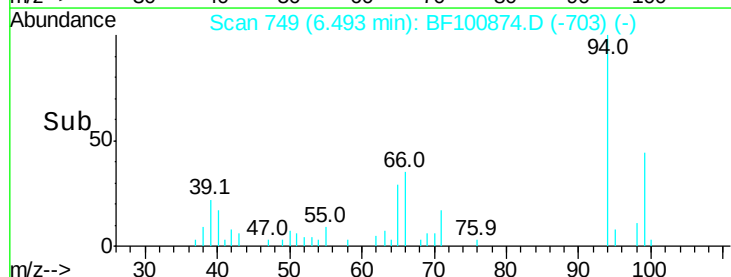
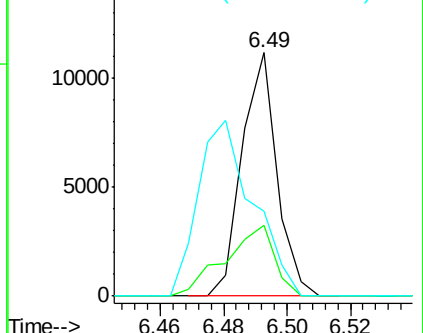
66 35.1 16.2 56.2

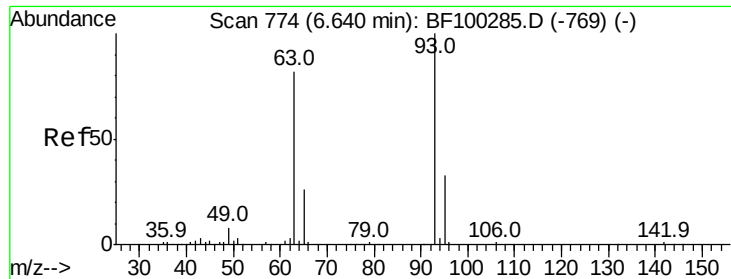


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

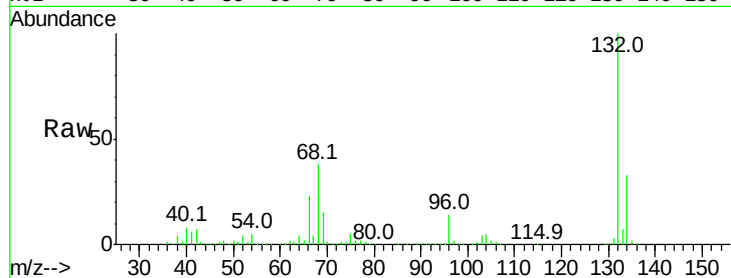




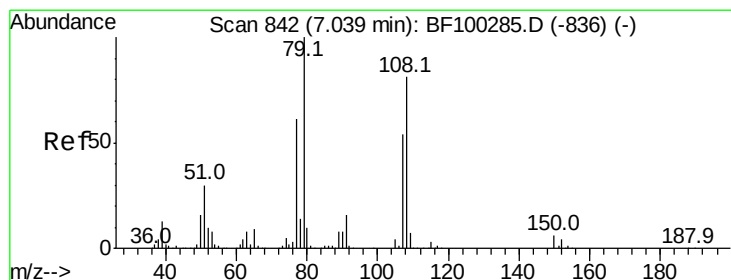
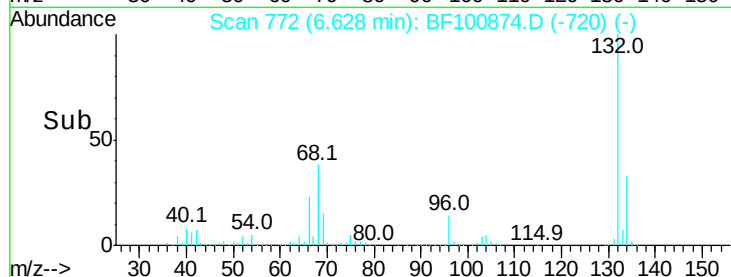
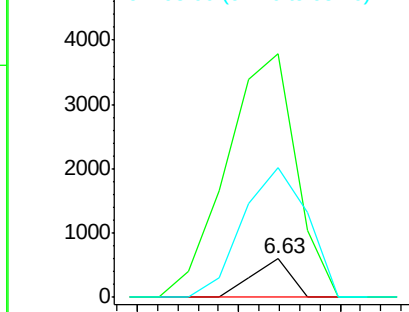
#11
bis(2-Chloroethyl)ether
Concen: 0.058 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.01 min
Lab File: BF100874.D
Acq: 23 Nov 2017 14:38

Instrument :
BNA_F
ClientSampled :

Tot Ion: 93 Resp: 318
Ion Ratio Lower Upper
93 100
63 633.3 58.6 98.6#
95 338.8 11.8 51.8#

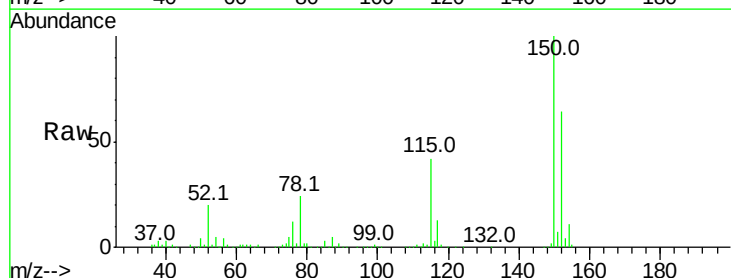


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

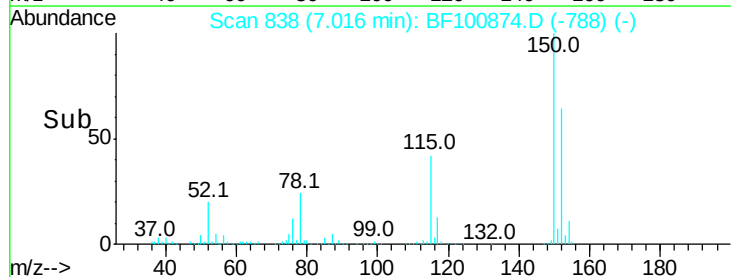
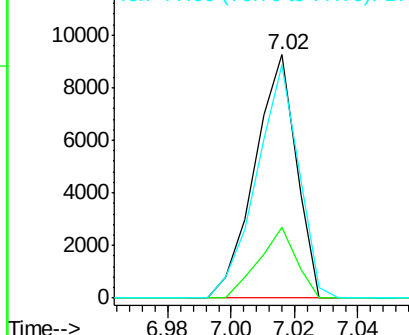


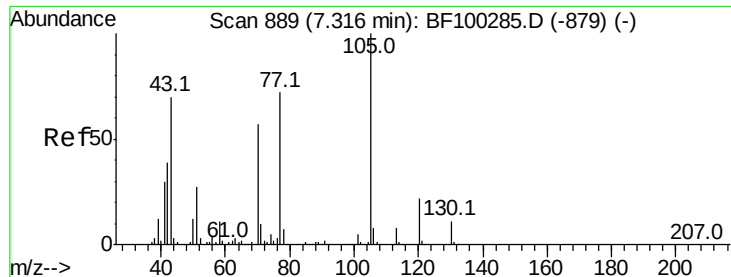
#15
Benzyl Alcohol
Concen: 1.725 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF100874.D
Acq: 23 Nov 2017 14:38

Tgt Ion: 79 Resp: 8443
Ion Ratio Lower Upper
79 100
108 28.9 65.1 97.7#
77 96.0 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

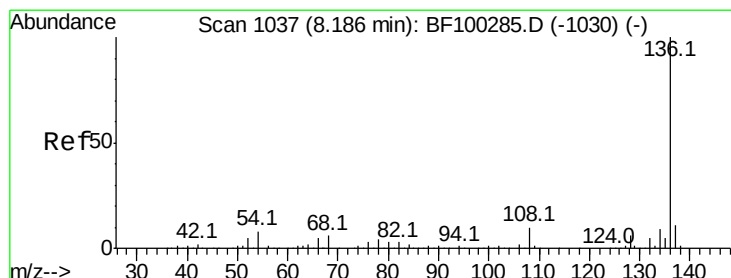
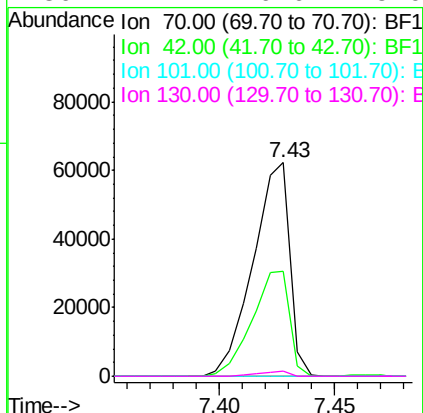
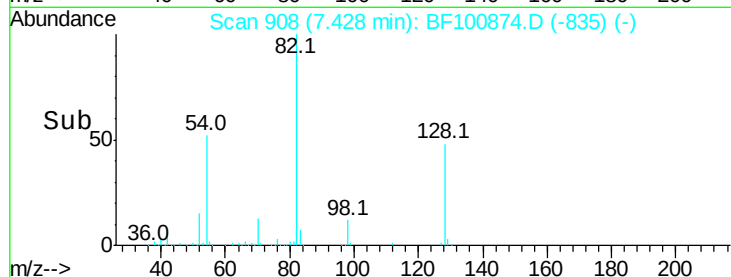
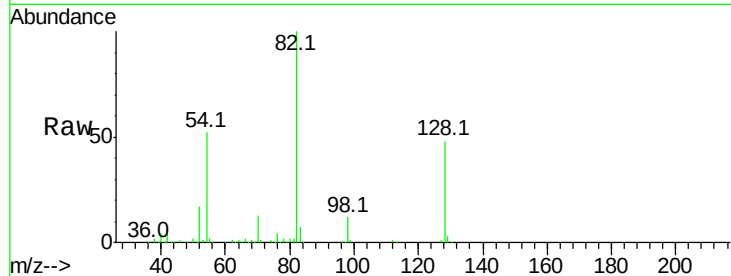




#19
n-Nitroso-di-n-propylamine
Concen: 15.898 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.13 min
Lab File: BF100874.D
Acq: 23 Nov 2017 14:38

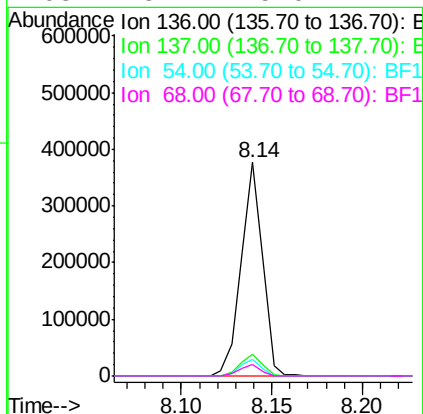
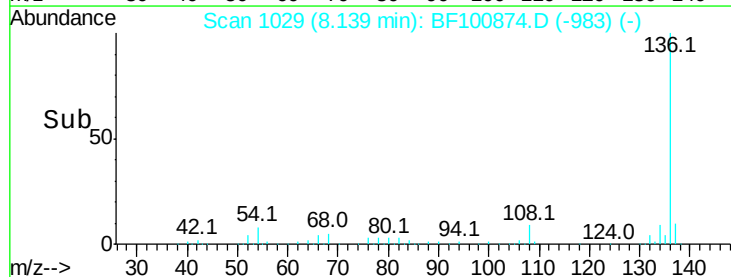
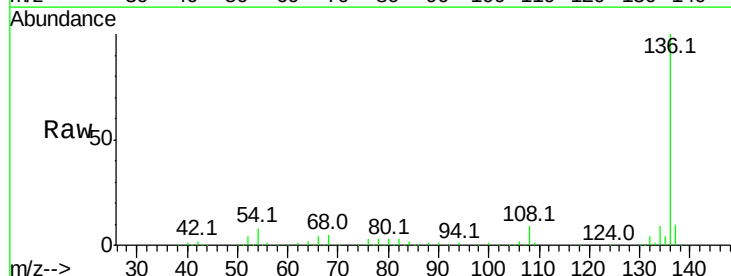
Instrument :
BNA_F
ClientSampleId :

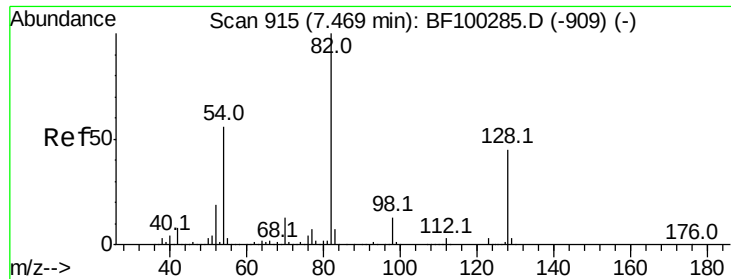
Tot Ion: 70 Resp: 69139
Ion Ratio Lower Upper
70 100
42 48.9 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BF100874.D
Acq: 23 Nov 2017 14:38

Tgt Ion:136 Resp: 308281
Ion Ratio Lower Upper
136 100
137 10.4 8.9 13.3
54 7.6 6.6 9.8
68 5.2 5.0 7.4

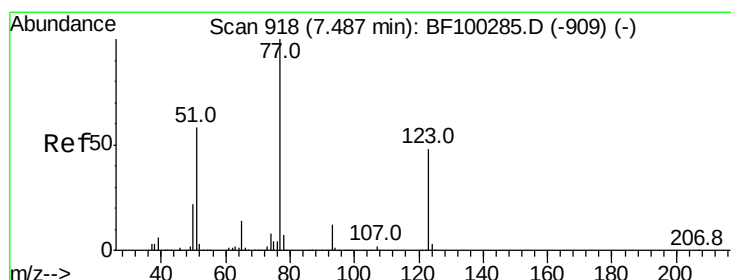
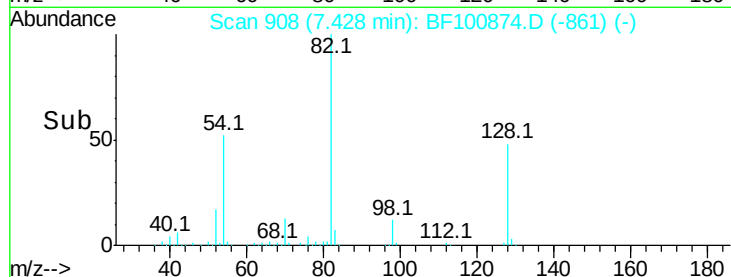
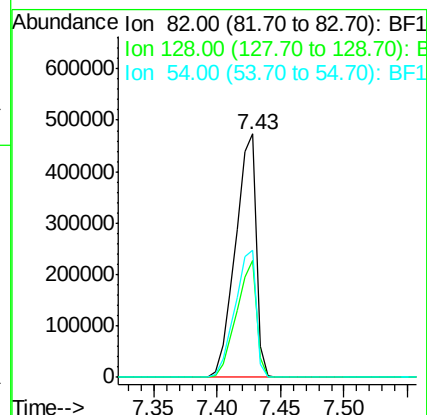
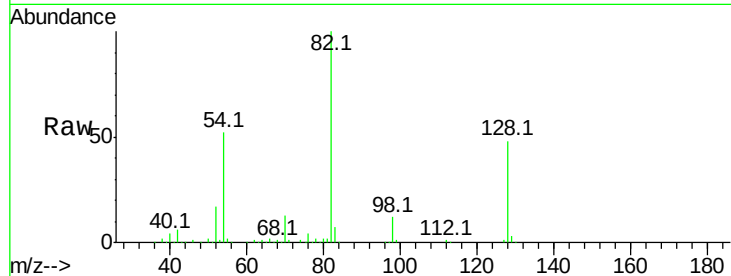




#23
Nitrobenzene-d5
Concen: 113.423 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.02 min
Lab File: BF100874.D
Acq: 23 Nov 2017 14:38

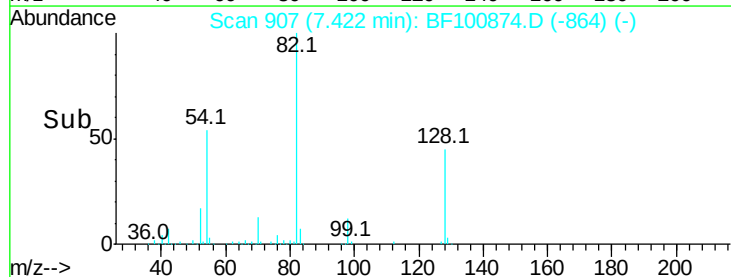
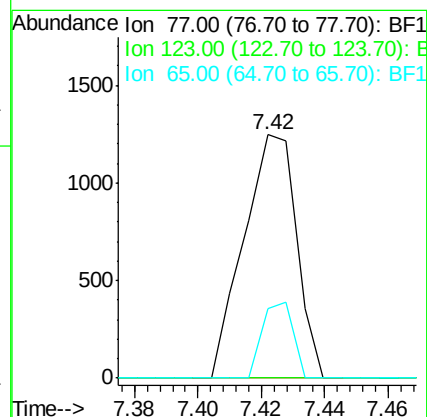
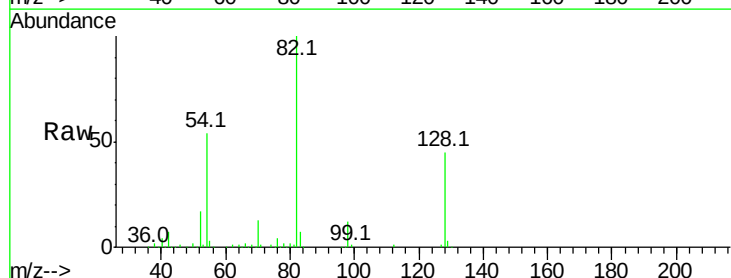
Instrument :
BNA_F
ClientSampled :

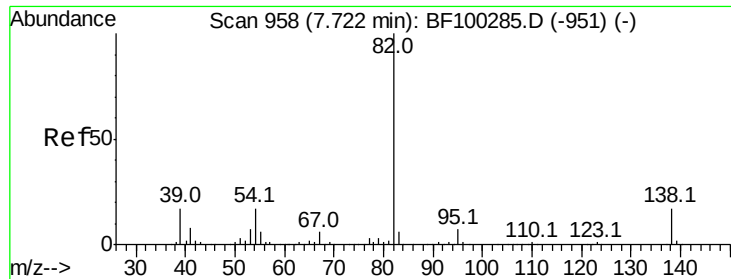
Tot Ion: 82 Resp: 528884
Ion Ratio Lower Upper
82 100
128 48.2 36.1 54.1
54 52.1 41.4 62.2



#24
Nitrobenzene
Concen: 0.299 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.05 min
Lab File: BF100874.D
Acq: 23 Nov 2017 14:38

Tgt Ion: 77 Resp: 1434
Ion Ratio Lower Upper
77 100
123 0.0 37.9 56.9#
65 28.6 11.0 16.4#





#25

Isophorone

Concen: 53.974 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.28 min

Lab File: BF100874.D

Acq: 23 Nov 2017 14:38

Instrument :

BNA_F

ClientSampleId :

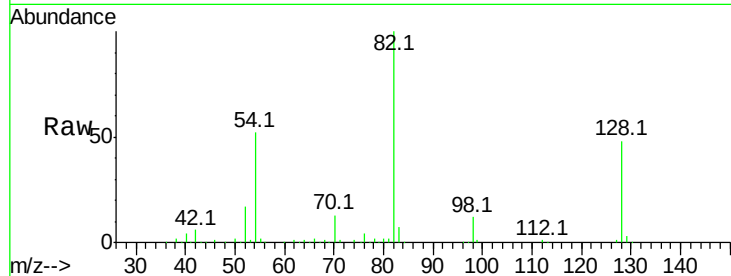
Tot Ion: 82 Resp: 528876

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

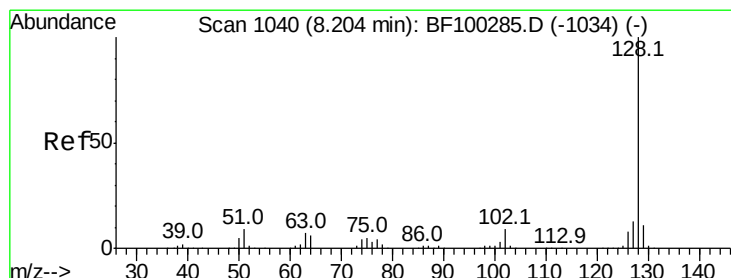
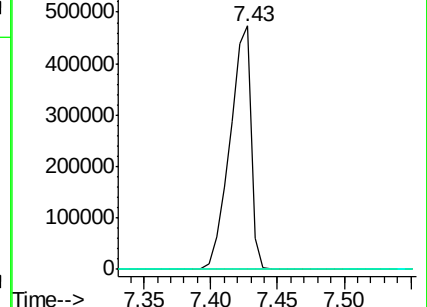
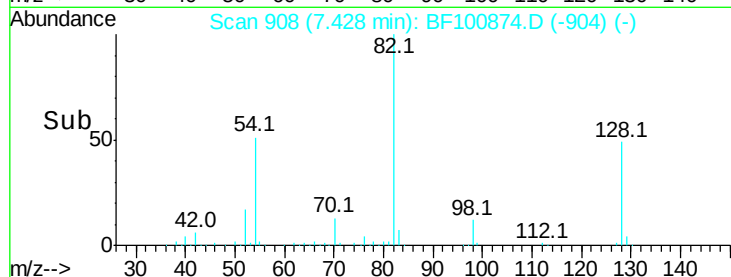
138 0.0 14.9 22.3#



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: 0.019 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.03 min

Lab File: BF100874.D

Acq: 23 Nov 2017 14:38

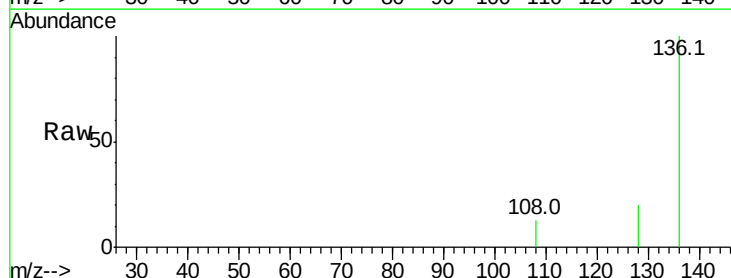
Tgt Ion: 128 Resp: 288

Ion Ratio Lower Upper

128 100

129 0.0 8.8 13.2#

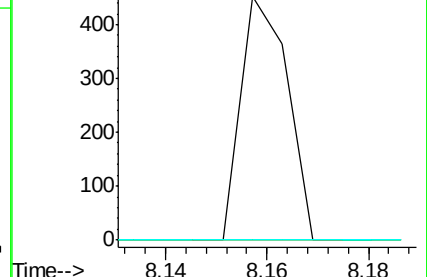
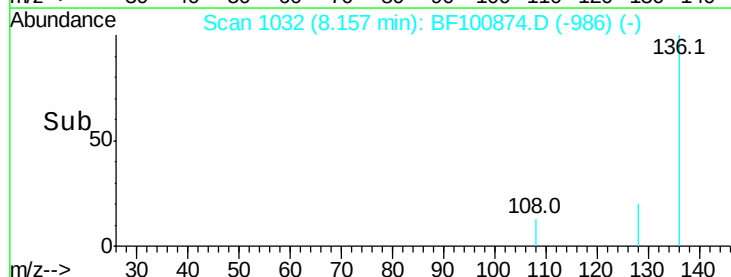
127 0.0 10.9 16.3#

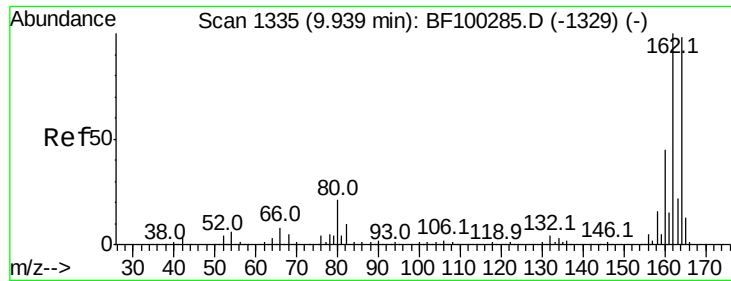


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

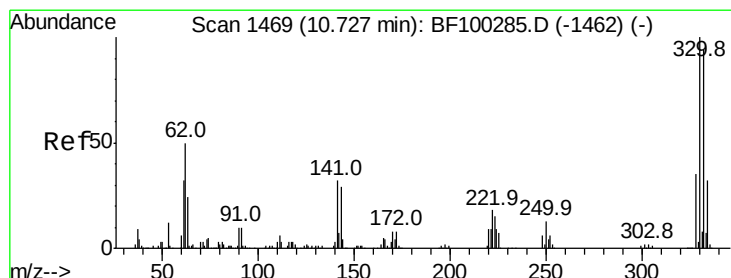
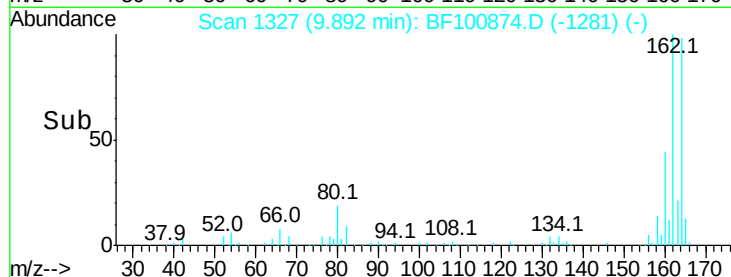
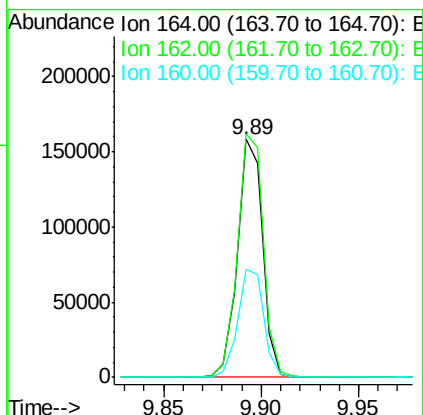
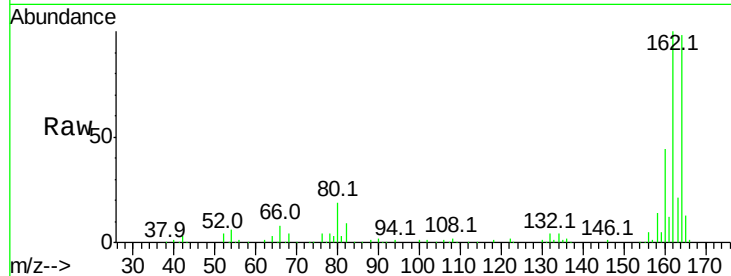




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.03 min
 Lab File: BF100874.D
 Acq: 23 Nov 2017 14:38

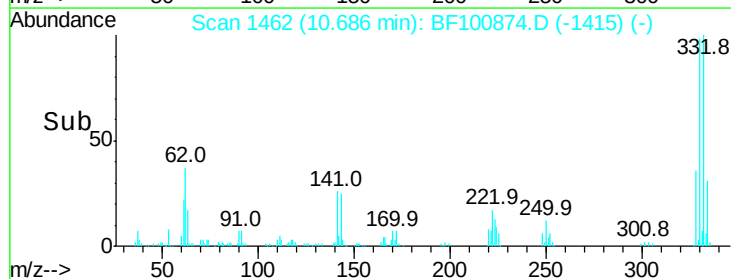
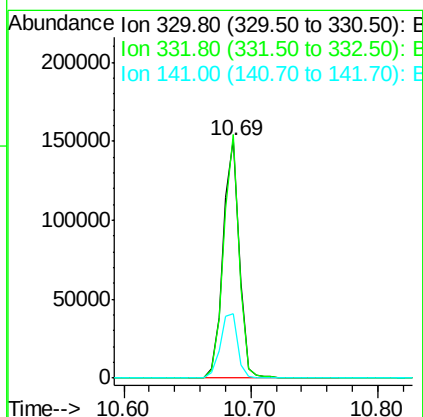
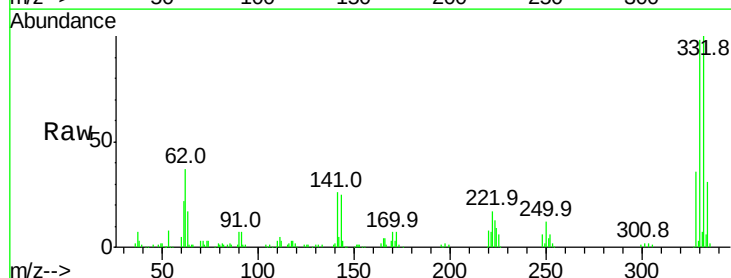
Instrument :
 BNA_F
 ClientSampleId :

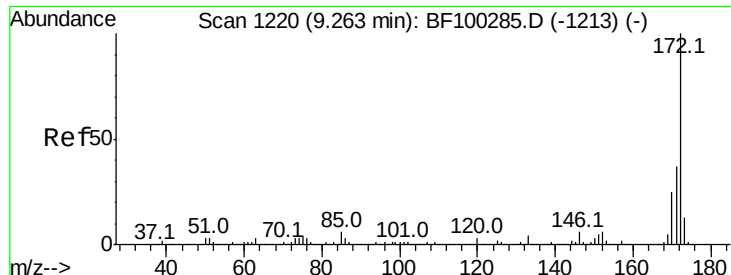
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	45.1	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 93.460 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.02 min
 Lab File: BF100874.D
 Acq: 23 Nov 2017 14:38

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	29.3	29.9	44.9#

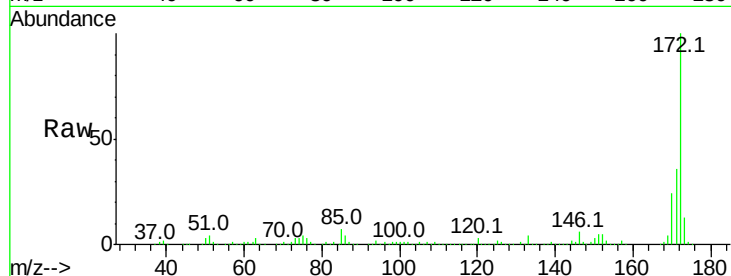




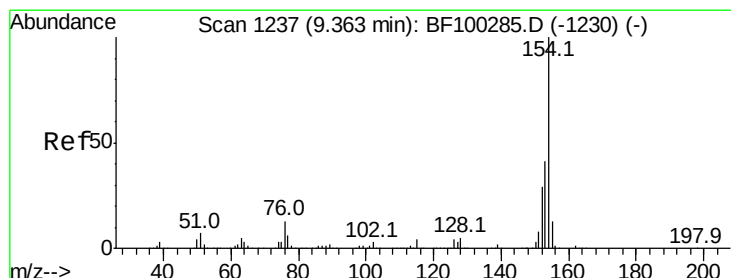
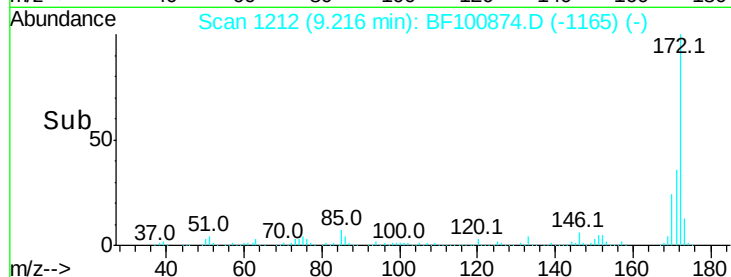
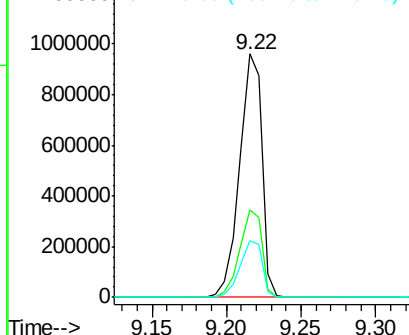
#44
2-Fluorobiphenyl
Concen: 107.751 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF100874.D
Acq: 23 Nov 2017 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1003067
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 23.5 19.6 29.4

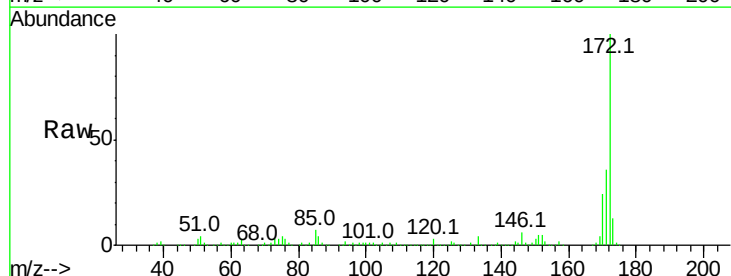


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

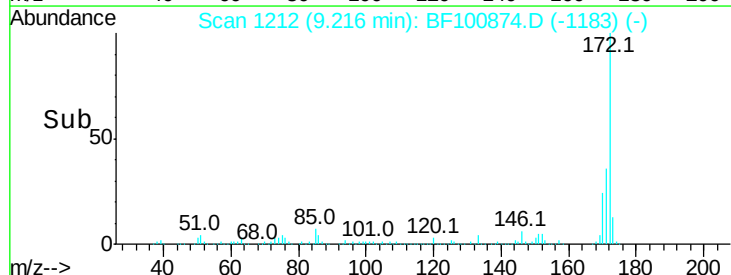
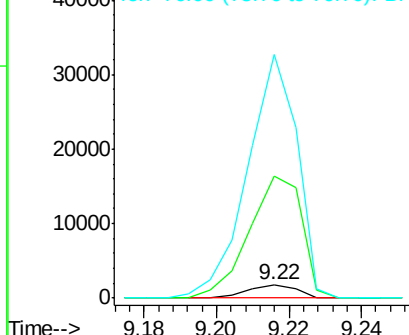


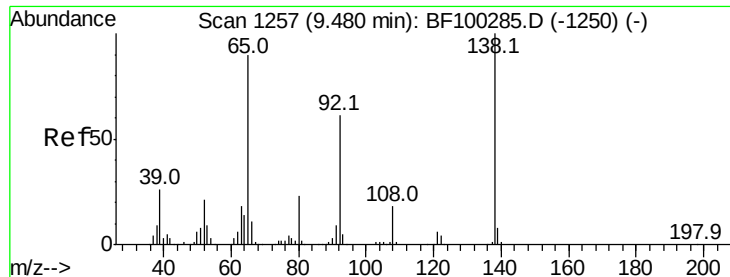
#45
1,1'-Biphenyl
Concen: 0.135 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.13 min
Lab File: BF100874.D
Acq: 23 Nov 2017 14:38

Tgt Ion:154 Resp: 1656
Ion Ratio Lower Upper
154 100
153 886.6 21.3 61.3#
76 1769.4 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: 3.311 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.25 min

Lab File: BF100874.D

Acq: 23 Nov 2017 14:38

Instrument :

BNA_F

ClientSampleId :

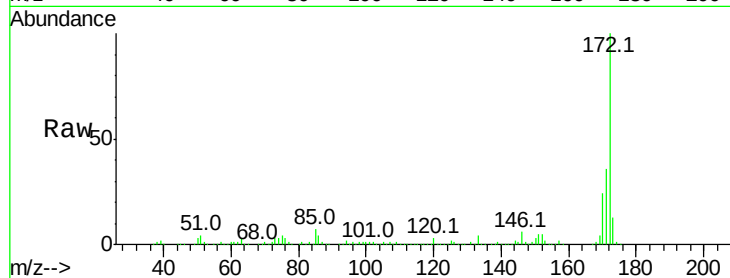
Tot Ion: 65 Resp: 1470

Ion Ratio Lower Upper

65 100

92 198.4 55.8 83.6#

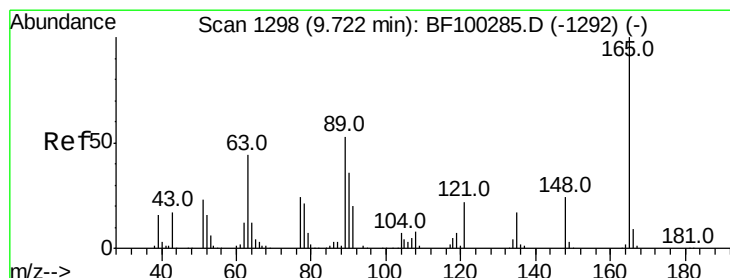
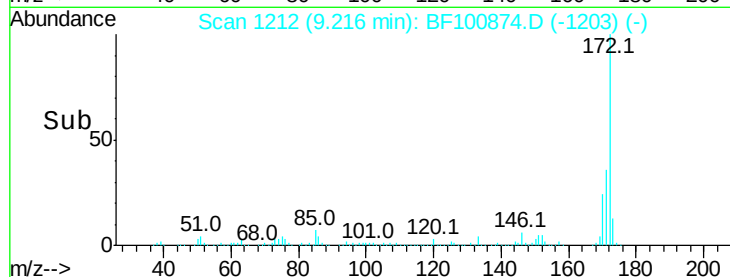
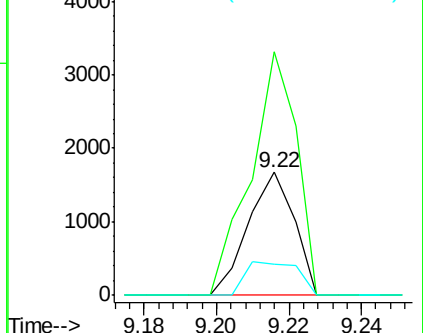
138 25.5 91.2 136.8#



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



#50

2,6-Dinitrotoluene

Concen: 8.702 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.19 min

Lab File: BF100874.D

Acq: 23 Nov 2017 14:38

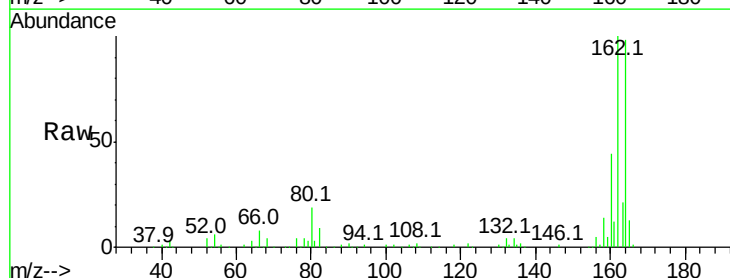
Tgt Ion:165 Resp: 18642

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

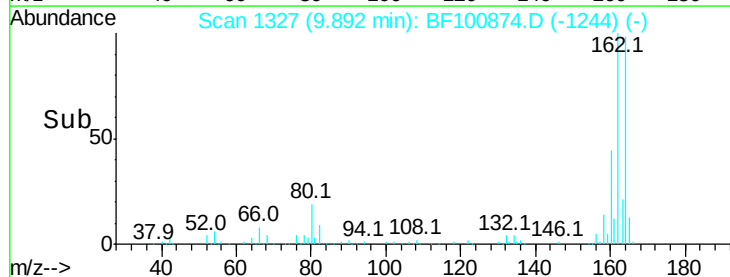
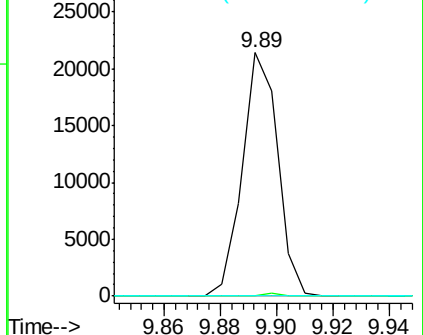
89 0.0 44.0 66.0#

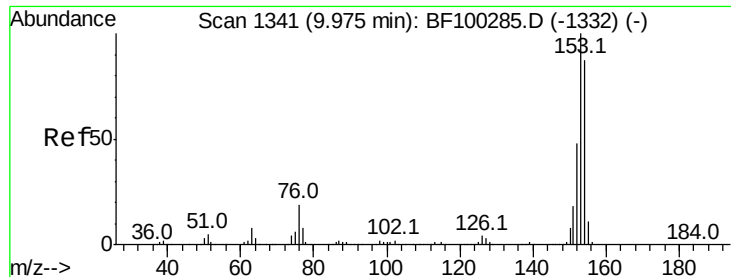


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 0.048 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.06 min

Lab File: BF100874.D

Acq: 23 Nov 2017 14:38

Instrument :

BNA_F

ClientSampled :

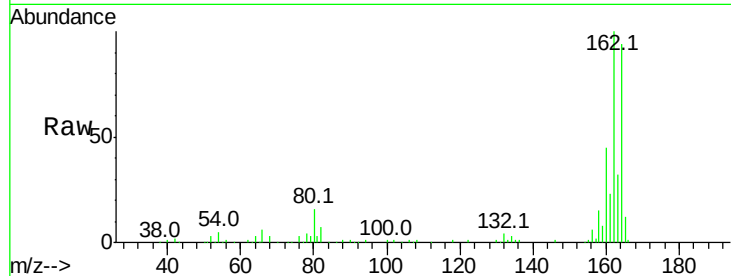
Tot Ion:154 Resp: 426

Ion Ratio Lower Upper

154 100

153 0.0 91.2 136.8#

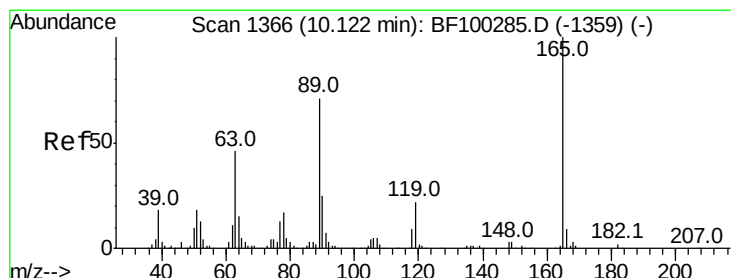
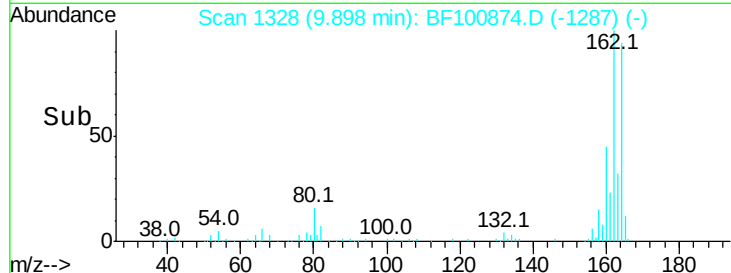
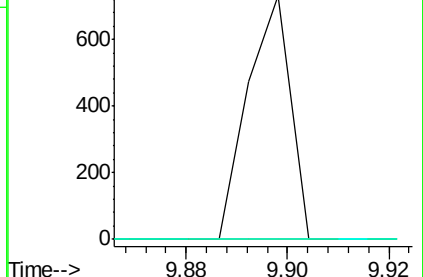
152 0.0 43.8 65.8#



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: 6.898 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.22 min

Lab File: BF100874.D

Acq: 23 Nov 2017 14:38

Tgt Ion:165 Resp: 18642

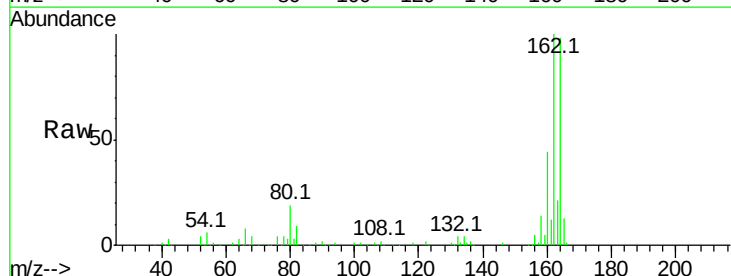
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

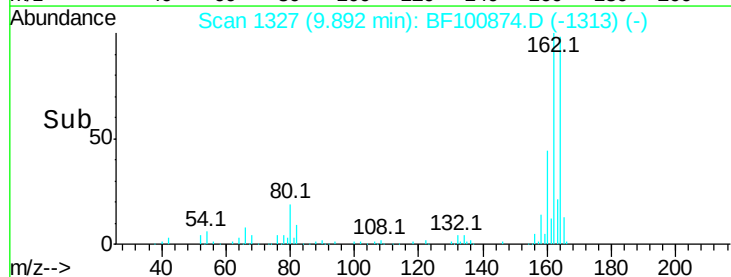
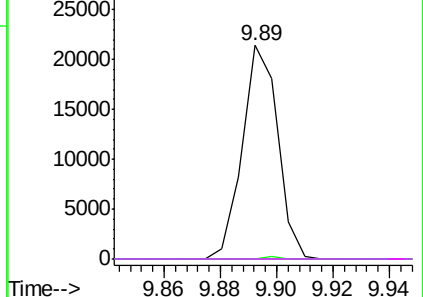


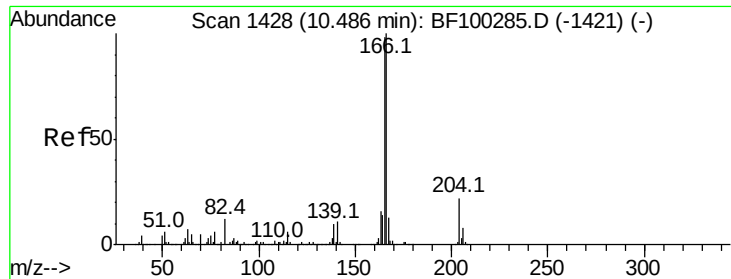
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

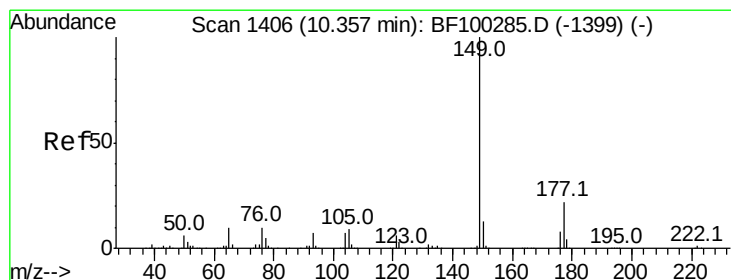
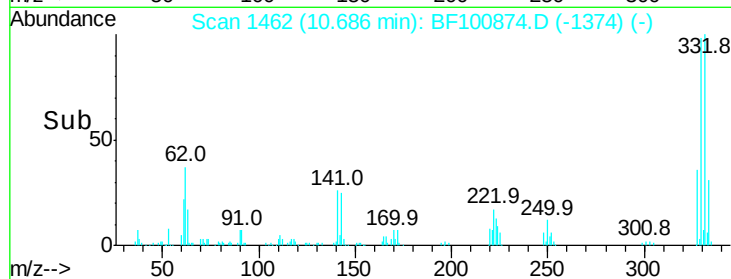
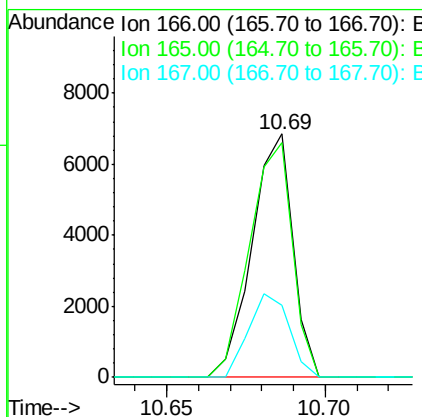
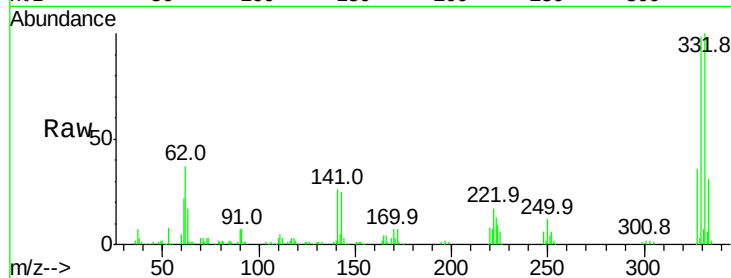




#57
 Fluorene
 Concen: 0.667 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.22 min
 Lab File: BF100874.D
 Acq: 23 Nov 2017 14:38

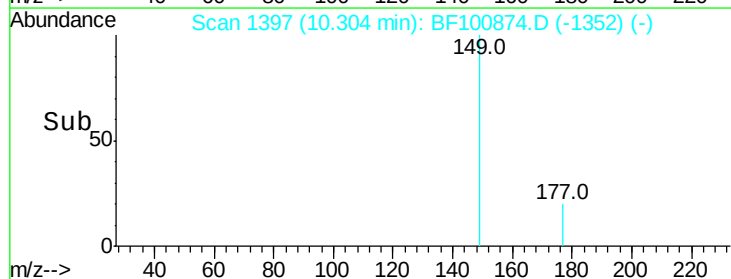
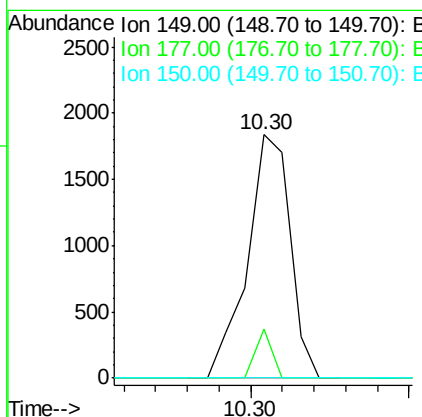
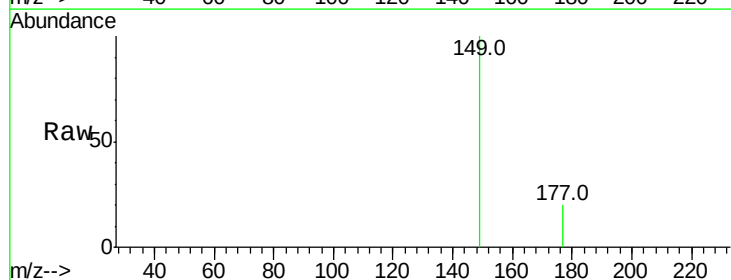
Instrument :
 BNA_F
 ClientSampleId :

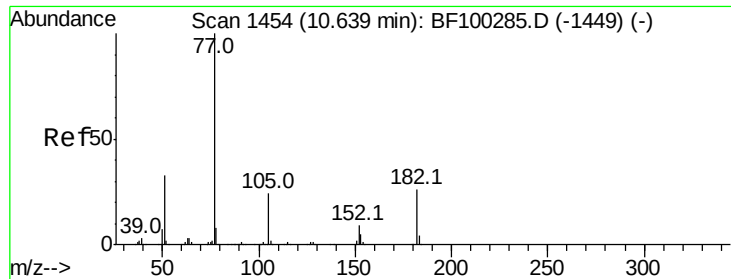
Tot Ion:166 Resp: 6135
 Ion Ratio Lower Upper
 166 100
 165 96.5 79.8 119.8
 167 29.5 10.6 16.0#



#59
 Diethylphthalate
 Concen: 0.159 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.04 min
 Lab File: BF100874.D
 Acq: 23 Nov 2017 14:38

Tgt Ion:149 Resp: 1720
 Ion Ratio Lower Upper
 149 100
 177 20.2 16.1 24.1
 150 0.0 10.1 15.1#





#62

Azobenzene

Concen: 0.043 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.06 min

Lab File: BF100874.D

Acq: 23 Nov 2017 14:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 434

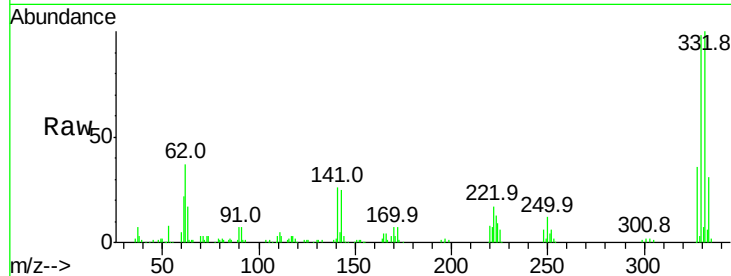
Ion Ratio Lower Upper

77 100

182 0.0 1.7 41.7#

105 68.8 3.0 43.0#

51 85.1 9.9 49.9#

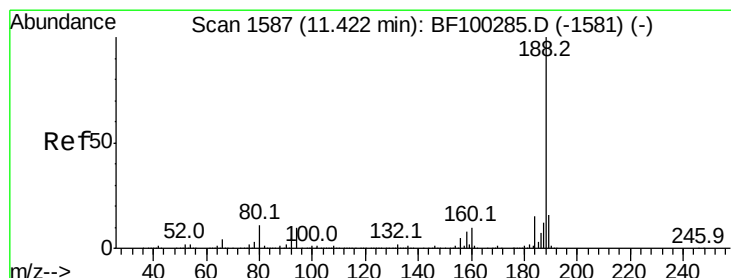
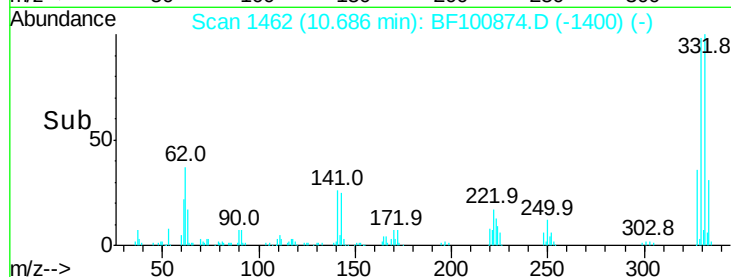
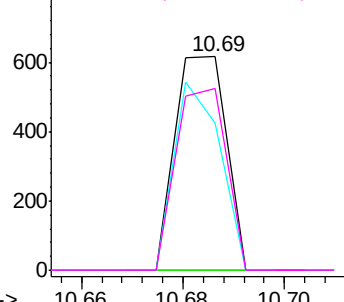


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF100874.D

Acq: 23 Nov 2017 14:38

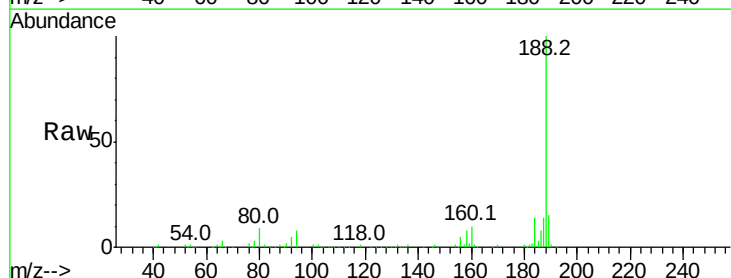
Tgt Ion: 188 Resp: 235654

Ion Ratio Lower Upper

188 100

94 8.4 8.5 12.7#

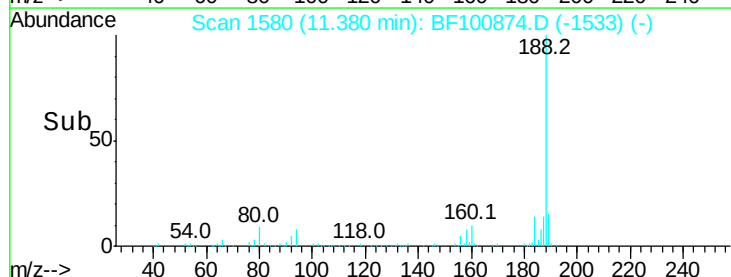
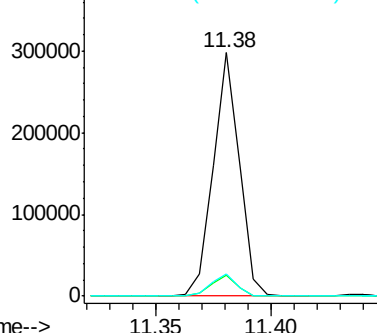
80 8.9 9.2 13.8#

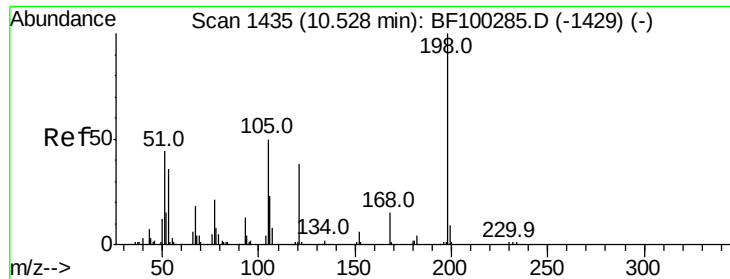


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

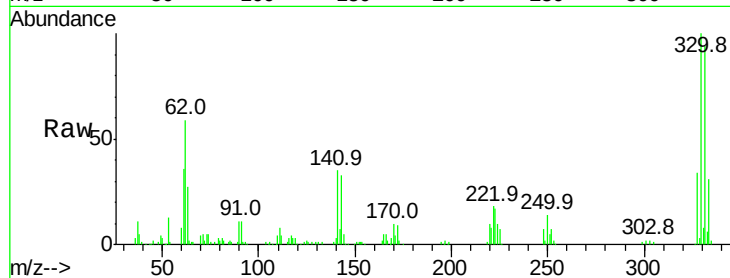




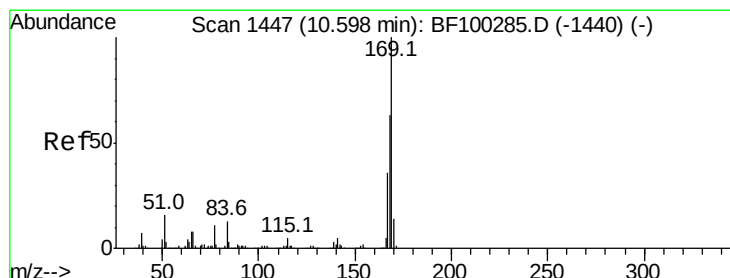
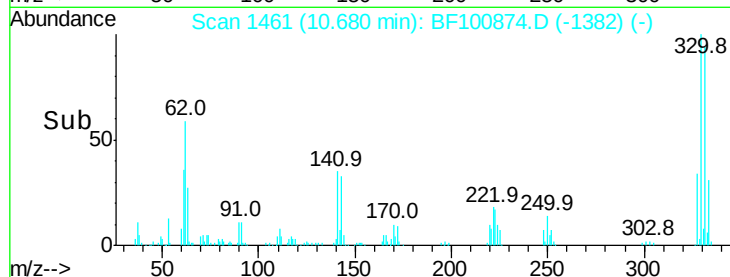
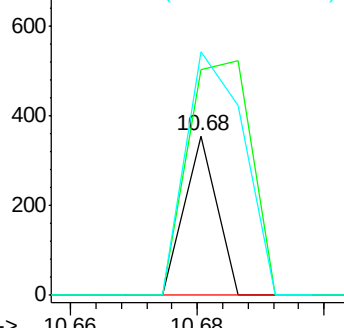
#64
4,6-Dinitro-2-methylphenol
Concen: 8.656 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.16 min
Lab File: BF100874.D
Acq: 23 Nov 2017 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	141.7	37.7	77.7#
105	152.7	36.3	76.3#

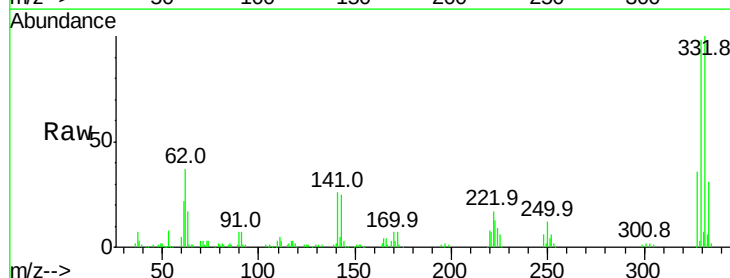


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

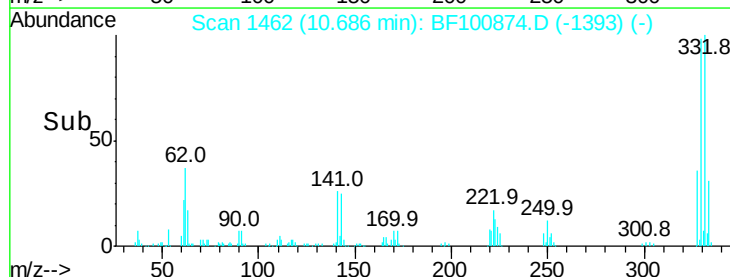
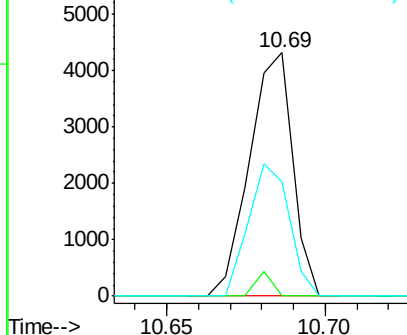


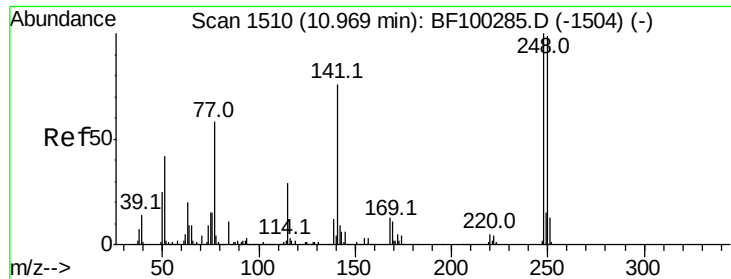
#65
n-Nitrosodiphenylamine
Concen: 0.498 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.11 min
Lab File: BF100874.D
Acq: 23 Nov 2017 14:38

Tgt Ion	Ratio	Lower	Upper
169	100		
168	0.0	54.4	81.6#
167	46.8	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

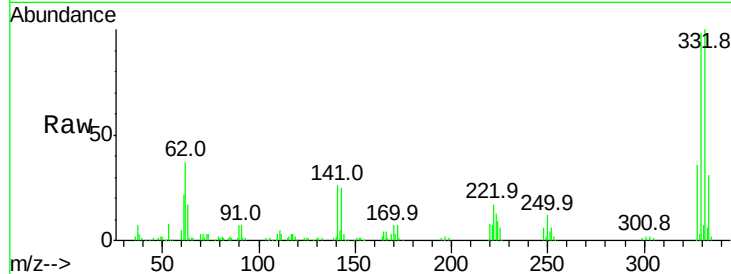




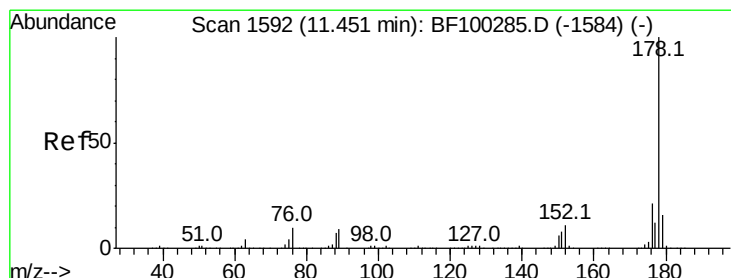
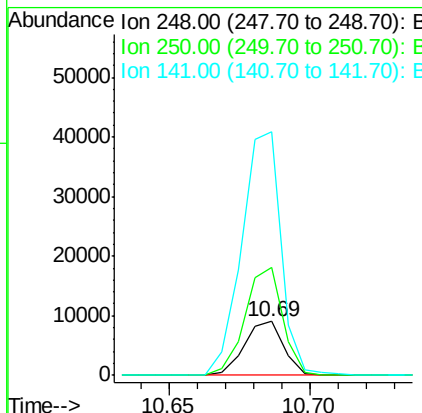
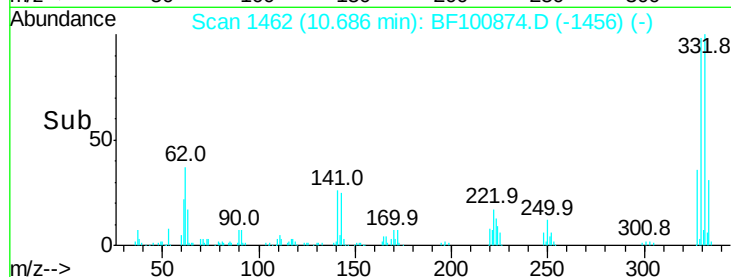
#66
 4-Bromophenyl-phenylether
 Concen: 3.470 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.26 min
 Lab File: BF100874.D
 Acq: 23 Nov 2017 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	201.1	76.9	115.3#
141	453.6	74.4	111.6#

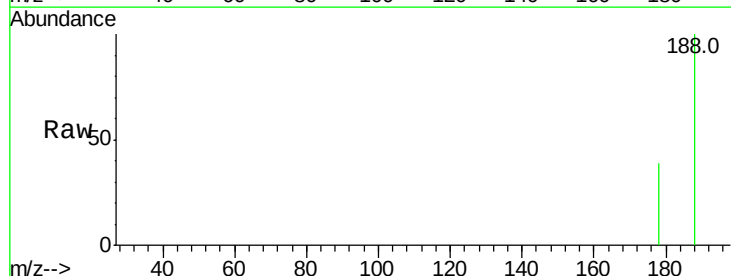


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

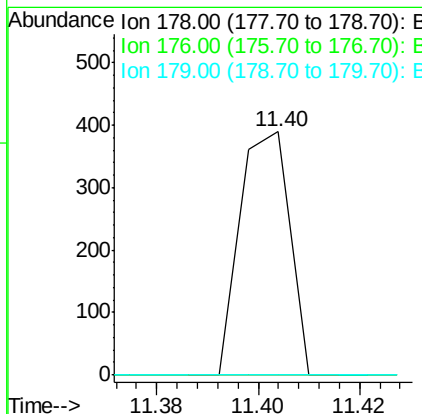
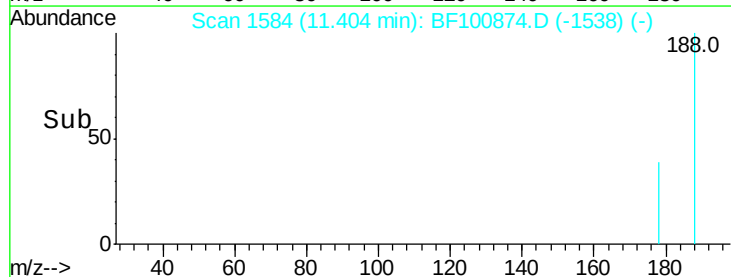


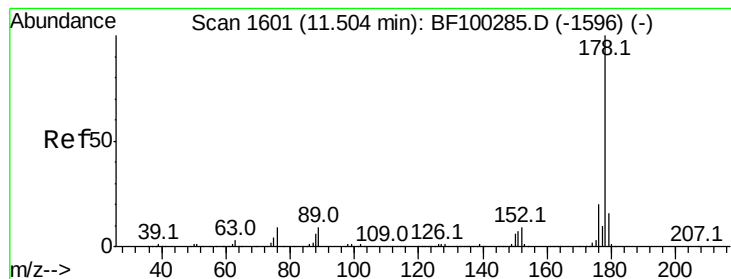
#70
 Phenanthrene
 Concen: 0.021 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.03 min
 Lab File: BF100874.D
 Acq: 23 Nov 2017 14:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.8	23.8#
179	0.0	13.0	19.6#



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





#71

Anthracene

Concen: 0.021 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.08 min

Lab File: BF100874.D

Acq: 23 Nov 2017 14:38

Instrument :

BNA_F

ClientSampleId :

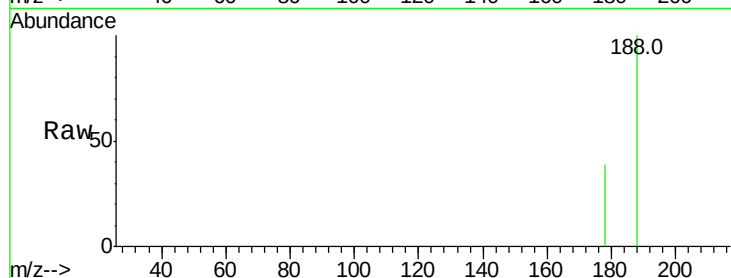
Tot Ion:178 Resp: 265

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.2#

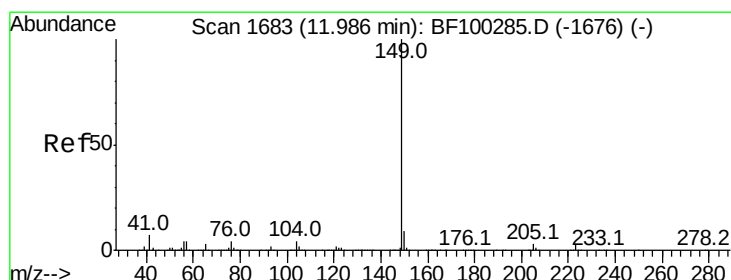
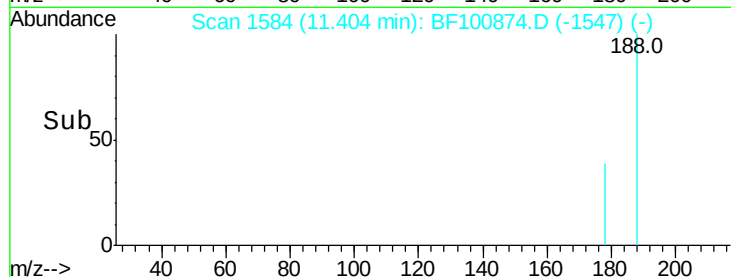
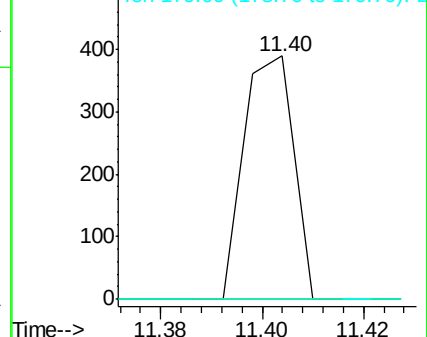
179 0.0 12.6 19.0#



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



#73

Di-n-butylphthalate

Concen: 0.563 ng

RT: 11.93 min Scan# 1674

Delta R.T. -0.03 min

Lab File: BF100874.D

Acq: 23 Nov 2017 14:38

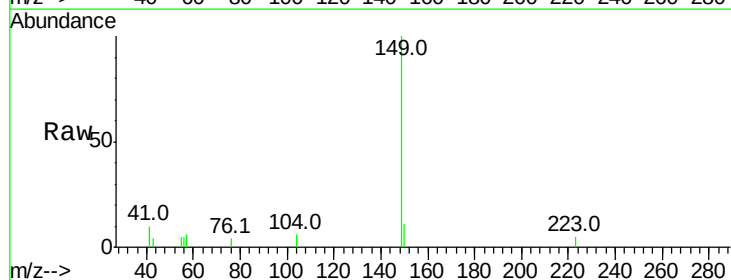
Tgt Ion:149 Resp: 7656

Ion Ratio Lower Upper

149 100

150 10.9 7.8 11.6

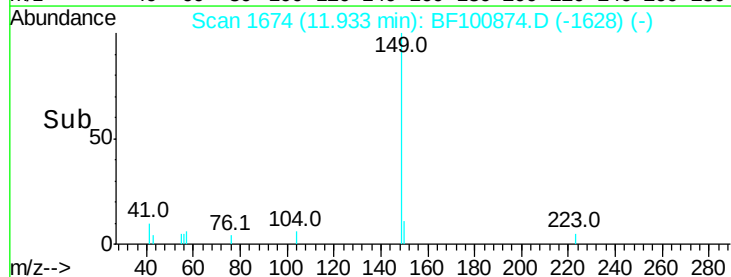
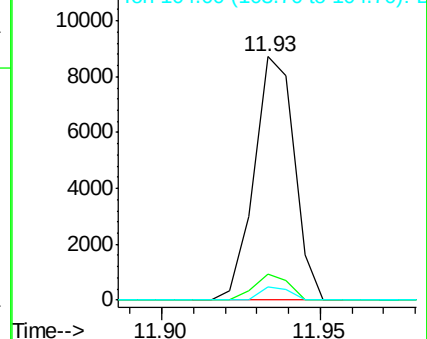
104 5.6 3.8 5.8

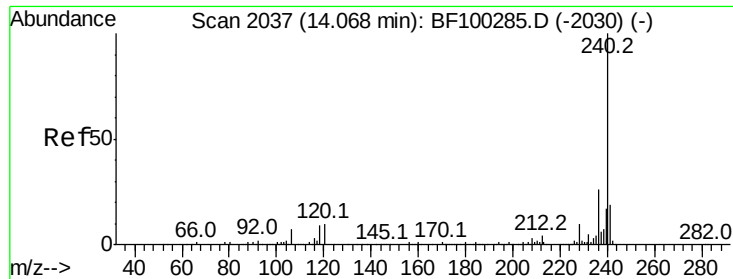


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.02 min

Lab File: BF100874.D

Acq: 23 Nov 2017 14:38

Instrument :

BNA_F

ClientSampleId :

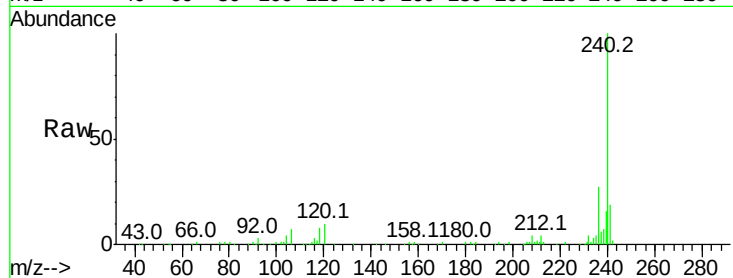
Tot Ion:240 Resp: 150235

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

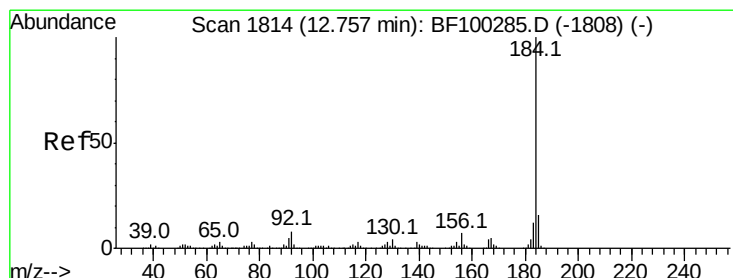
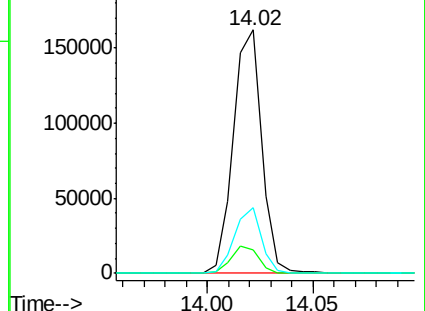
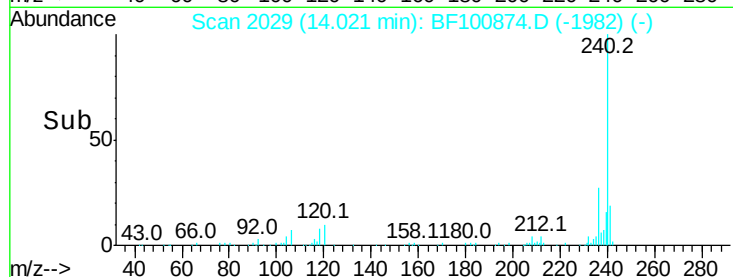
236 27.2 20.7 31.1



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



#76

Benzidine

Concen: 1.399 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.23 min

Lab File: BF100874.D

Acq: 23 Nov 2017 14:38

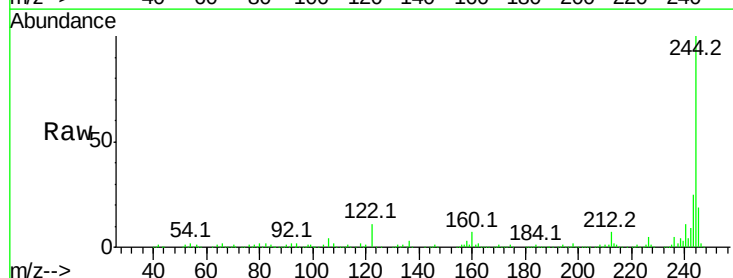
Tgt Ion:184 Resp: 8416

Ion Ratio Lower Upper

184 100

185 19.4 12.6 18.8#

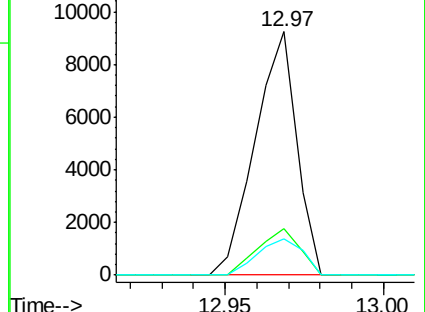
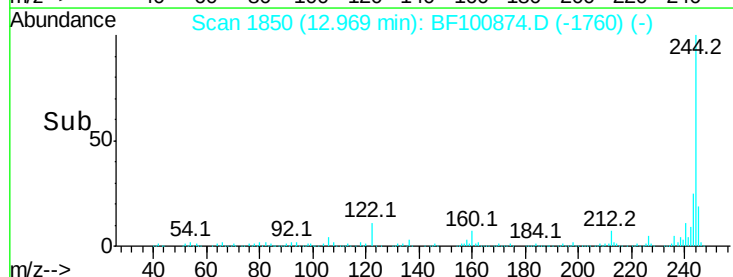
183 14.7 9.3 13.9#

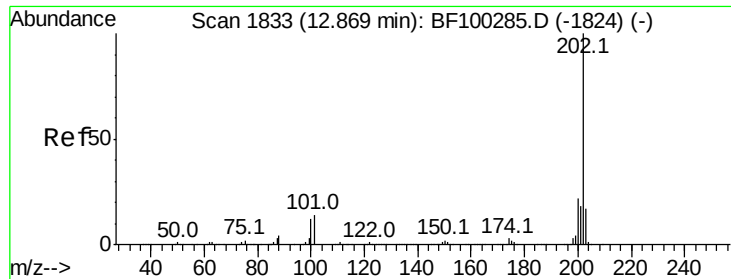


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

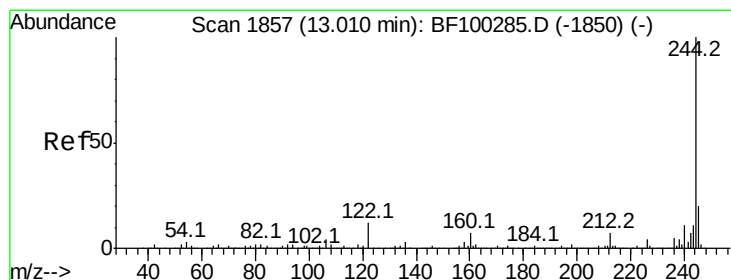
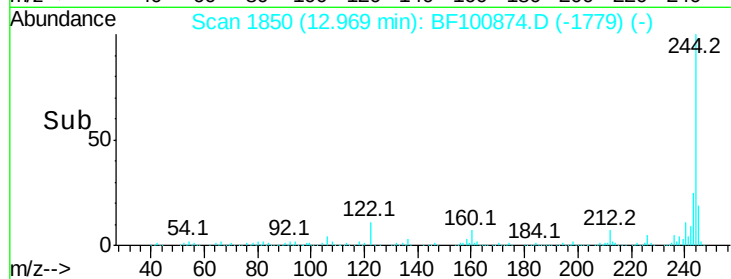
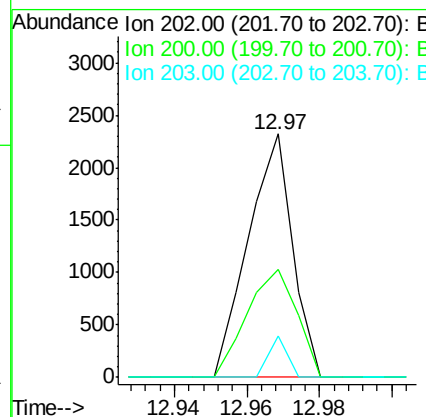
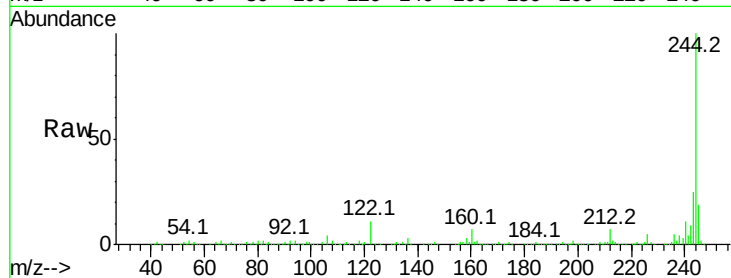




#77
Pvrene
Concen: 0.185 ng
RT: 12.97 min Scan# 1850
Delta R.T. 0.12 min
Lab File: BF100874.D
Acq: 23 Nov 2017 14:38

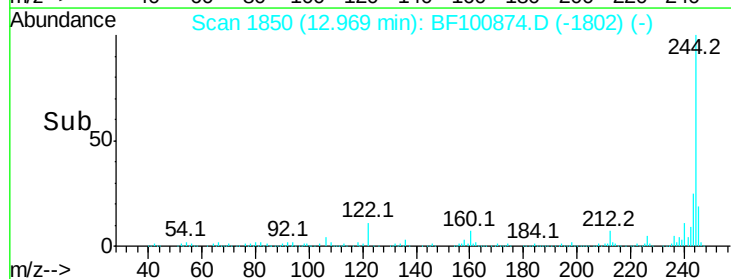
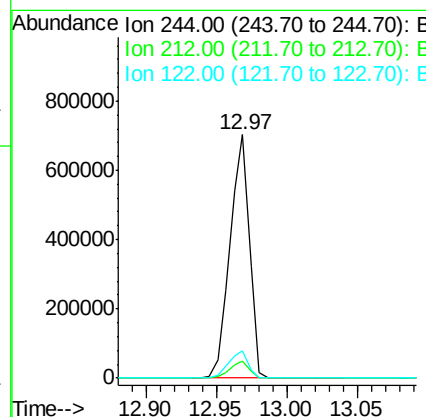
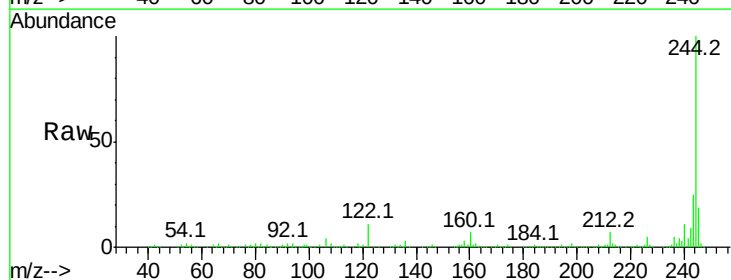
Instrument :
BNA_F
ClientSampleId :

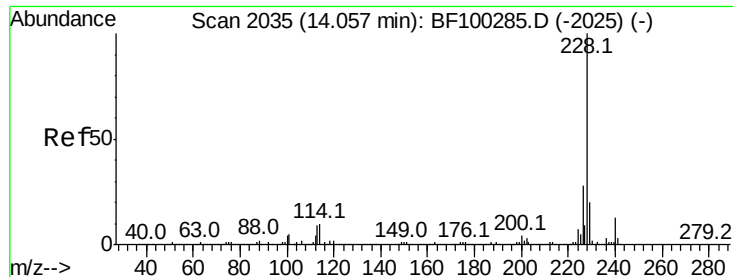
Tot Ion:202 Resp: 1982
Ion Ratio Lower Upper
202 100
200 44.4 17.4 26.2#
203 16.9 14.3 21.5



#78
Terphenyl-d14
Concen: 102.774 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.02 min
Lab File: BF100874.D
Acq: 23 Nov 2017 14:38

Tgt Ion:244 Resp: 671988
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 11.3 11.0 16.4





#80

Benzo(a)anthracene

Concen: 0.054 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF100874.D

Acq: 23 Nov 2017 14:38

Instrument :

BNA_F

ClientSampleId :

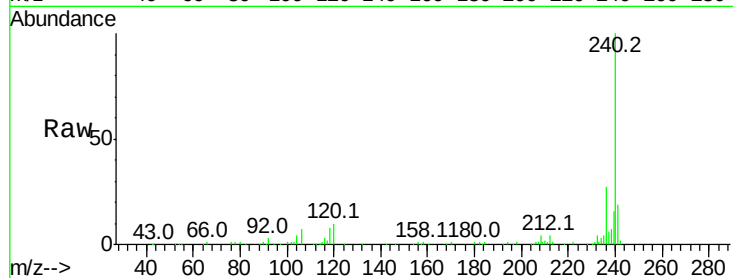
Tot Ion:228 Resp: 485

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

229 0.0 15.8 23.6#

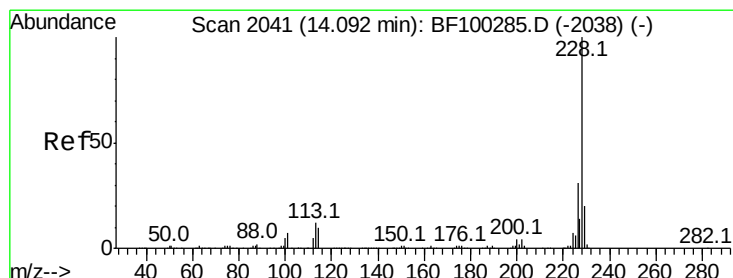
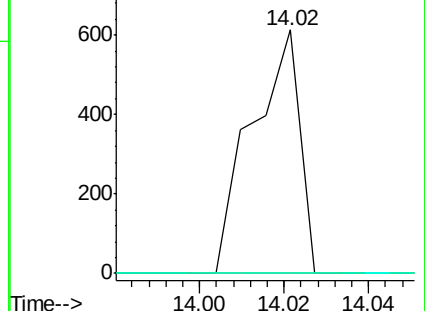
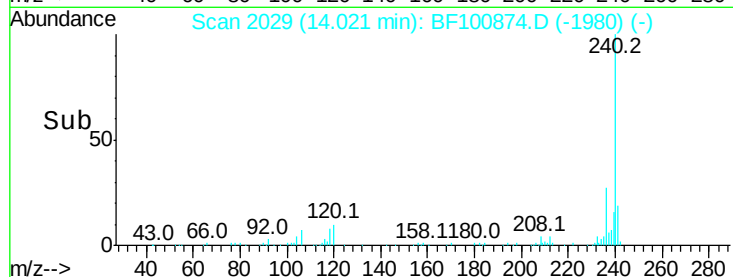


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

14.02



#82

Chrysene

Concen: 0.055 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.05 min

Lab File: BF100874.D

Acq: 23 Nov 2017 14:38

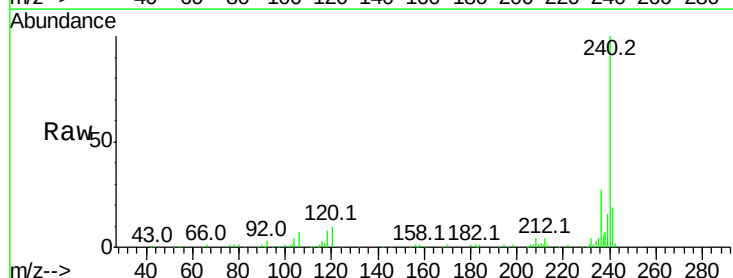
Tgt Ion:228 Resp: 485

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

229 0.0 16.2 24.4#

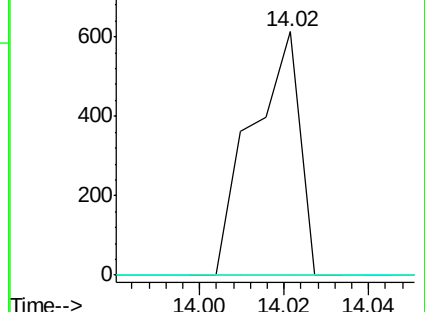
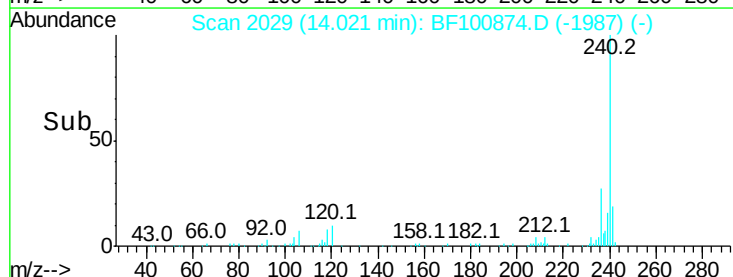


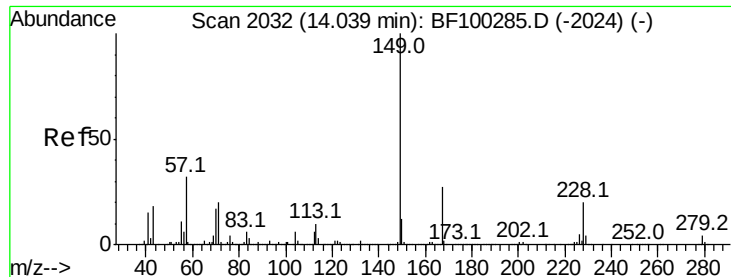
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

14.02

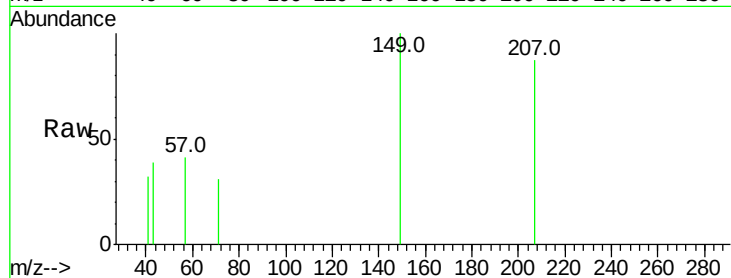




#83
Bis(2-ethylhexyl)phthalate
Concen: 0.119 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF100874.D
Acq: 23 Nov 2017 14:38

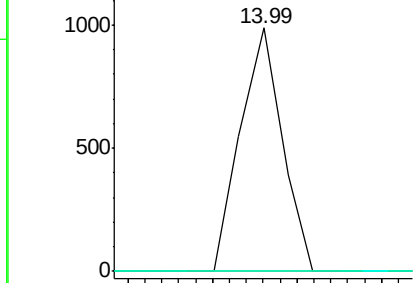
Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 681
Ion Ratio Lower Upper
149 100
167 0.0 21.3 31.9#
279 0.0 3.0 4.4#

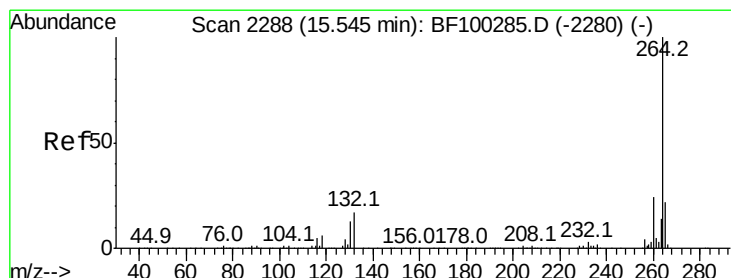
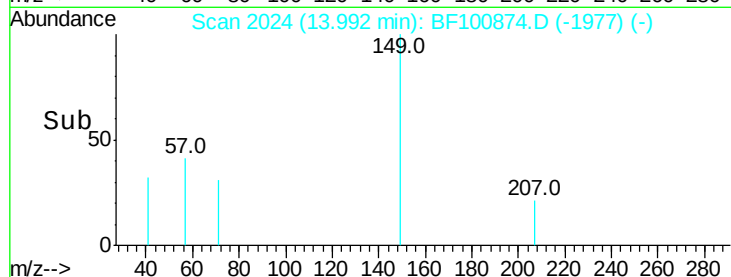


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

13.99

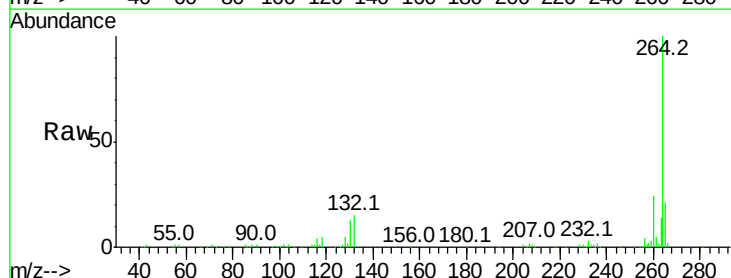


Time--> 13.96 13.98 14.00 14.02



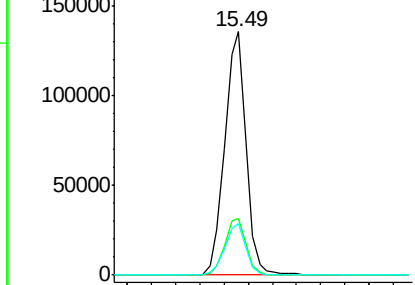
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF100874.D
Acq: 23 Nov 2017 14:38

Tgt Ion:264 Resp: 166130
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.0 17.5 26.3

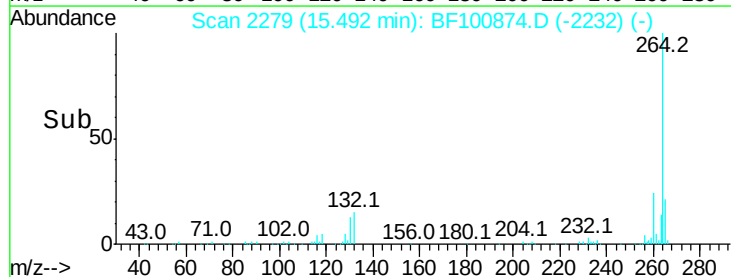


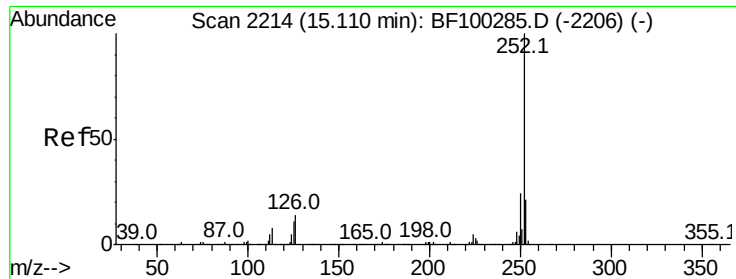
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

15.49



Time--> 15.40 15.50 15.60

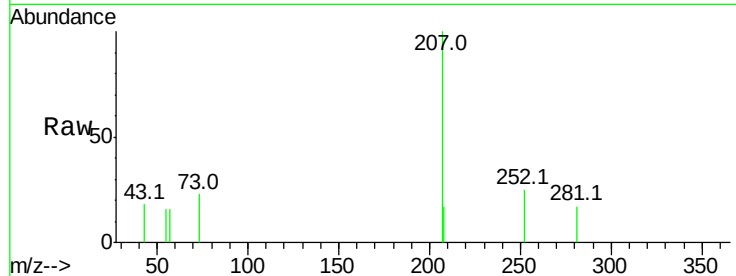




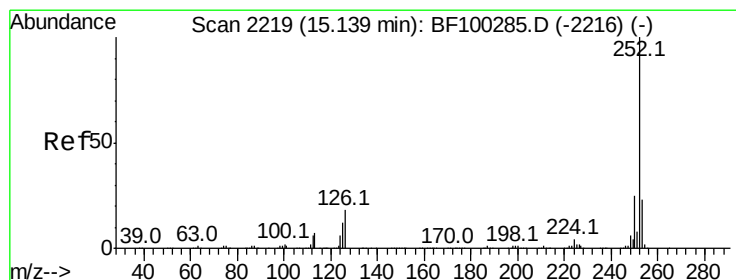
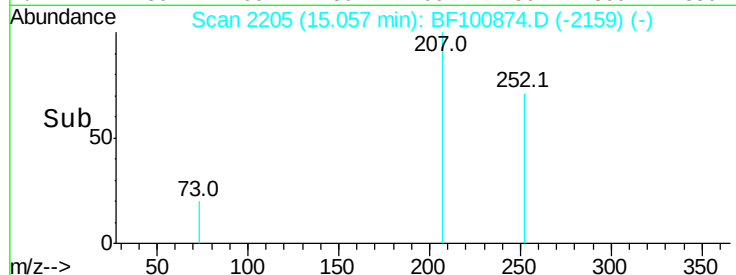
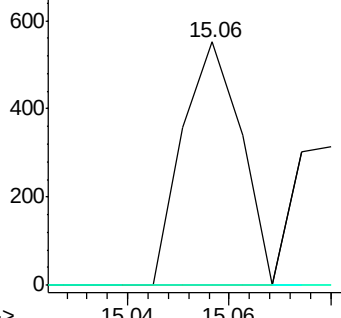
#87
Benzo(b)fluoranthene
Concen: 0.045 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.03 min
Lab File: BF100874.D
Acq: 23 Nov 2017 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 440
Ion Ratio Lower Upper
252 100
253 0.0 17.0 25.6#
125 0.0 9.0 13.6#

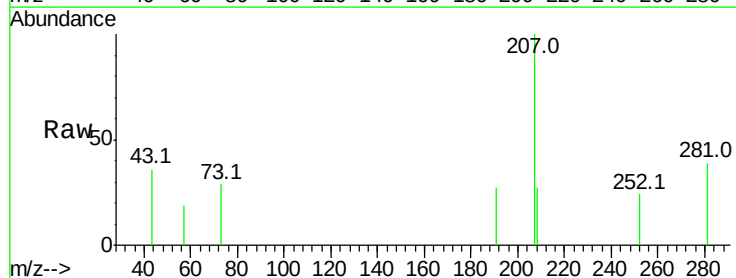


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

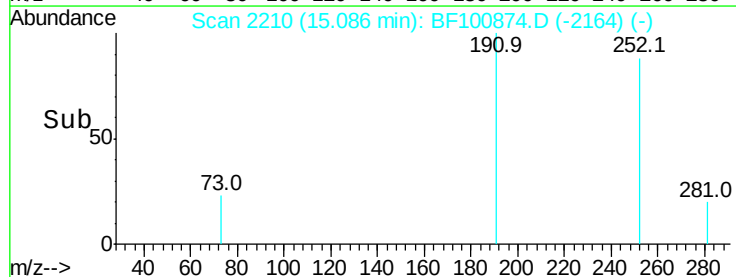
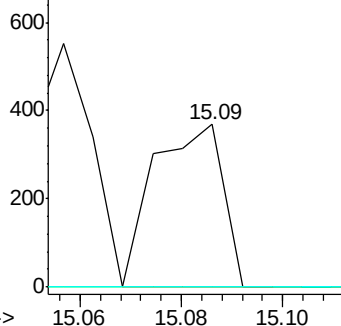


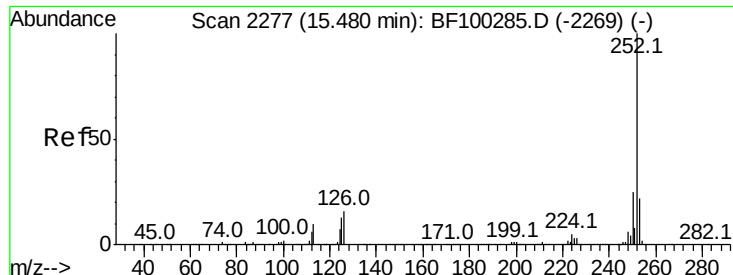
#88
Benzo(k)fluoranthene
Concen: 0.037 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.03 min
Lab File: BF100874.D
Acq: 23 Nov 2017 14:38

Tgt Ion:252 Resp: 348
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: 0.057 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.04 min

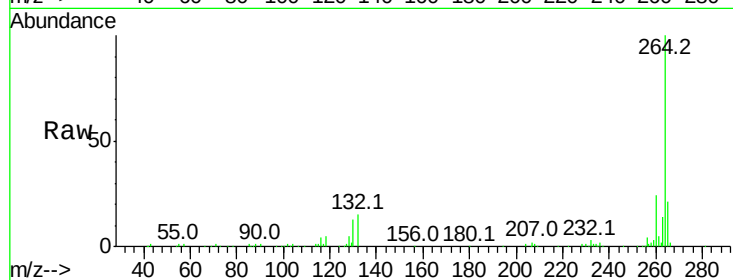
Lab File: BF100874.D

Acq: 23 Nov 2017 14:38

Instrument :

BNA_F

ClientSampleId :



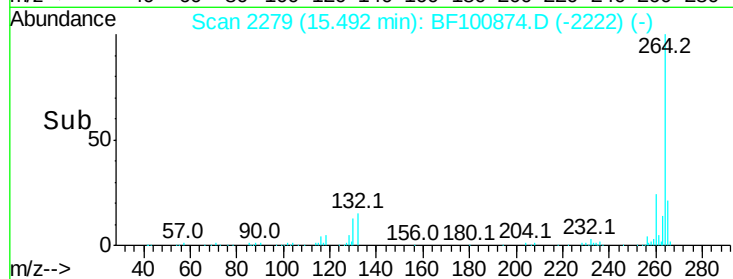
Tot Ion: 252 Resp: 493

Ion Ratio Lower Upper

252 100

253 0.0 17.1 25.7#

125 0.0 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

