

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100873.D
 Acq On : 23 Nov 2017 14:12
 Operator : SJ/JU
 Sample : I6567-05
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 23:55:24 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	78611	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	302531	20.00	ng	-0.03
38) Acenaphthene-d10	9.89	164	140465	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	236102	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	147566	20.00	ng	-0.02
86) Perylene-d12	15.49	264	162925	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	181830	37.08	ng	-0.02
7) Phenol-d6	6.47	99	133793	22.12	ng	-0.04
23) Nitrobenzene-d5	7.42	82	484184	105.81	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	126697	88.52	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	915951	99.29	ng	-0.02
78) Terphenyl-d14	12.97	244	612447	95.36	ng	-0.02

Target Compounds				Qvalue		
6) Aniline	6.49	93	163	0.019	ng	# 1
9) Benzaldehyde	6.63	77	7107	1.646	ng	94
10) Phenol	6.49	94	10168	1.602	ng	96
11) bis(2-Chloroethyl)ether	6.62	93	388	0.073	ng	# 1
12) 1,3-Dichlorobenzene	7.02	146	113	0.019	ng	# 1
13) 1,4-Dichlorobenzene	7.02	146	113	0.019	ng	# 1
14) 1,2-Dichlorobenzene	7.02	146	113	0.020	ng	# 1
15) Benzyl Alcohol	7.02	79	7766	1.645	ng	# 52
17) 2-Methylphenol	7.00	107	268	0.060	ng	# 1
19) n-Nitroso-di-n-propylamine	7.42	70	62982	15.018	ng	# 83
20) 3+4-Methylphenols	7.00	107	268	0.048	ng	# 1
24) Nitrobenzene	7.42	77	1210	0.257	ng	# 34
25) Isophorone	7.42	82	484177	50.351	ng	# 64
45) 1,1'-Biphenyl	9.22	154	1652	0.136	ng	# 1
47) 2-Nitroaniline	9.22	65	1341	3.269	ng	# 1
49) Dimethylphthalate	9.60	163	3373	0.315	ng	# 95
50) 2,6-Dinitrotoluene	9.89	165	17294	8.146	ng	# 24
51) Acenaphthene	9.89	154	370	0.042	ng	# 4
56) 2,4-Dinitrotoluene	9.89	165	17294	6.458	ng	# 21
57) Fluorene	10.68	166	5542	0.608	ng	# 92
59) Diethylphthalate	10.30	149	2491	0.232	ng	# 84
62) Azobenzene	10.68	77	467	0.046	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.68	198	115	8.649	ng	# 1
65) n-Nitrosodiphenylamine	10.68	169	3659	0.446	ng	# 36
66) 4-Bromophenyl-phenylether	10.68	248	7748	3.061	ng	# 1
70) Phenanthrene	11.40	178	302	0.024	ng	# 59
71) Anthracene	11.40	178	302	0.024	ng	# 60
73) Di-n-butylphthalate	11.94	149	1871	0.137	ng	# 78
76) Benzidine	12.97	184	7491	1.268	ng	# 91
77) Pyrene	12.96	202	1924	0.183	ng	# 76
80) Benzo(a)anthracene	14.02	228	303	0.034	ng	# 51
82) Chrysene	14.04	228	150	0.017	ng	# 48
83) Bis(2-ethylhexyl)phthalate	13.99	149	991	0.176	ng	# 53
84) Di-n-octyl phthalate	14.64	149	133	0.014	ng	# 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

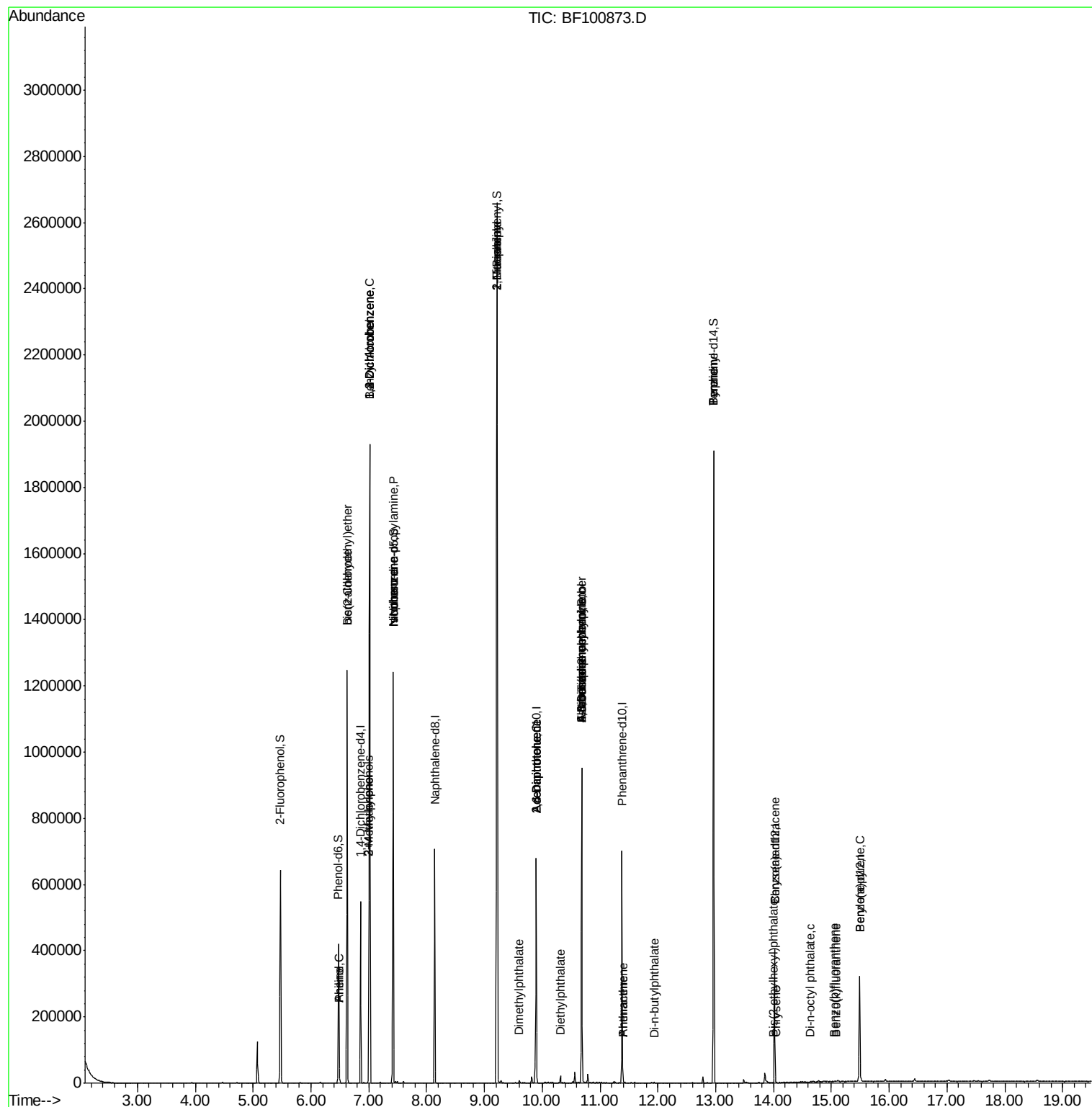
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) Benzo(b)fluoranthene	15.06	252	514	0.053	ng	# 60
88) Benzo(k)fluoranthene	15.09	252	138	0.015	ng	# 59
89) Benzo(a)pyrene	15.49	252	403	0.047	ng	# 60

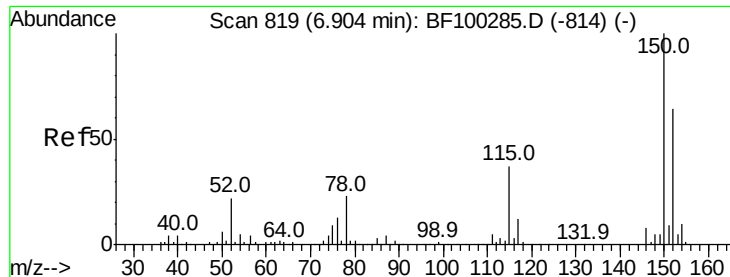
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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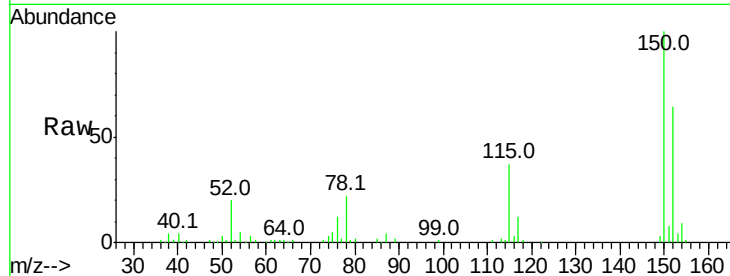


#1

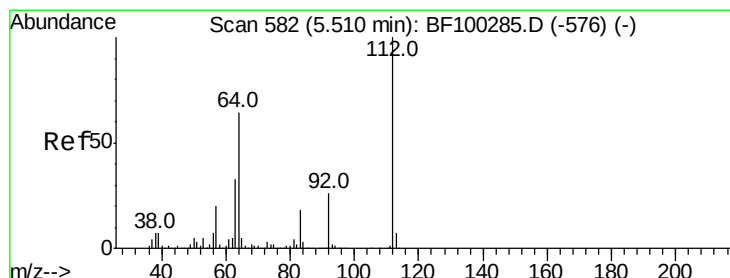
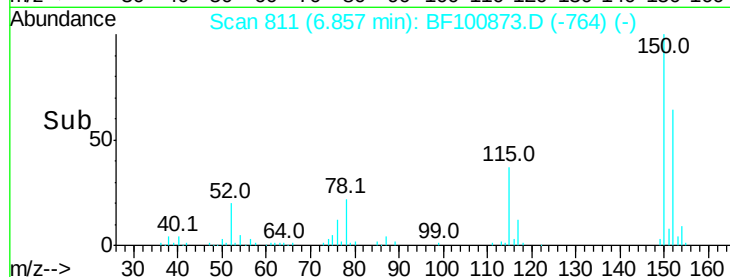
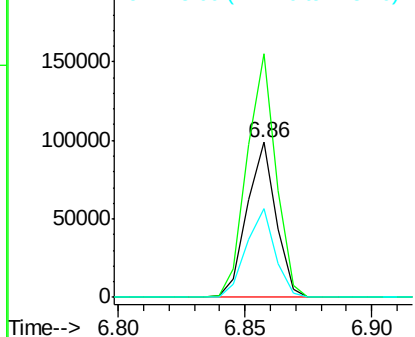
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100873.D
Acq: 23 Nov 2017 14:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 78611
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 57.6 50.1 75.1



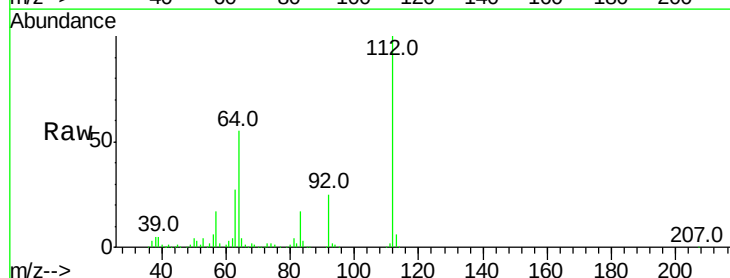
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



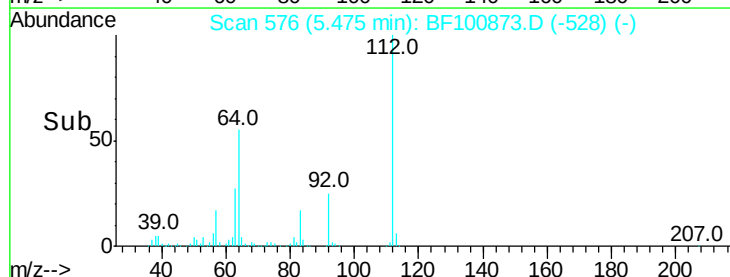
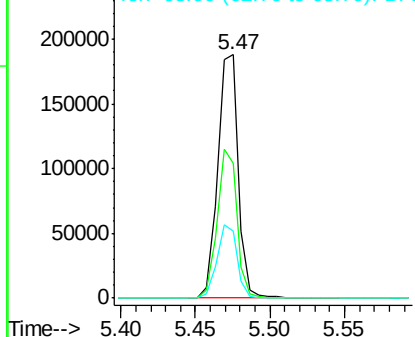
#5

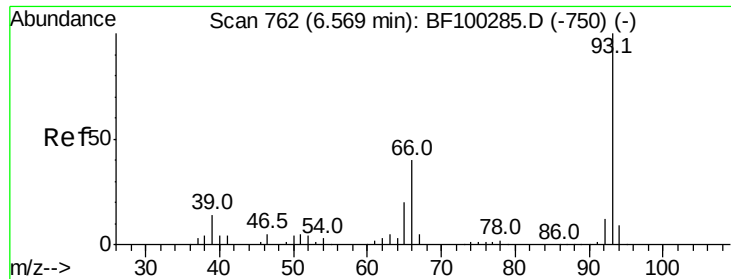
2-Fluorophenol
Concen: 37.078 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.02 min
Lab File: BF100873.D
Acq: 23 Nov 2017 14:12

Tgt Ion:112 Resp: 181830
Ion Ratio Lower Upper
112 100
64 55.4 47.9 71.9
63 27.4 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: 0.019 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.06 min

Lab File: BF100873.D

Acq: 23 Nov 2017 14:12

Instrument :

BNA_F

ClientSampleId :

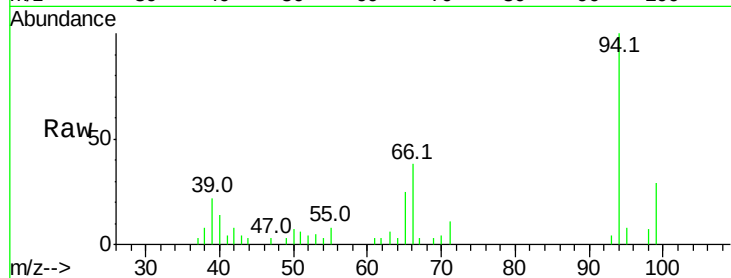
Tot Ion: 93 Resp: 163

Ion Ratio Lower Upper

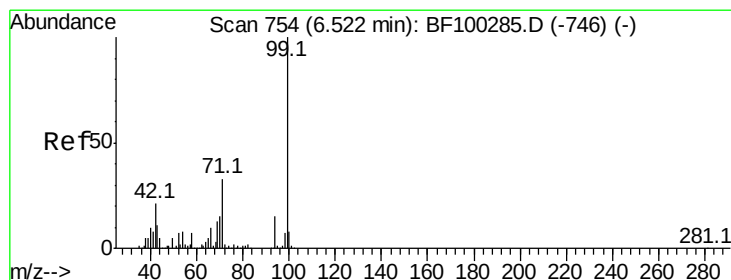
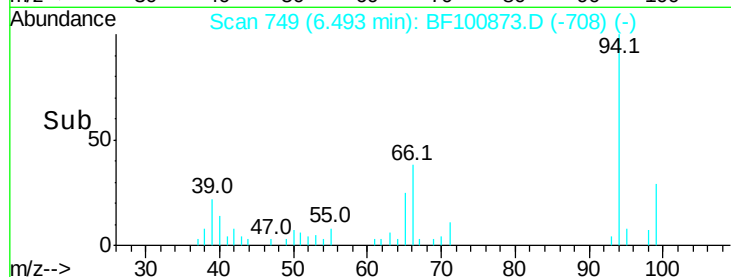
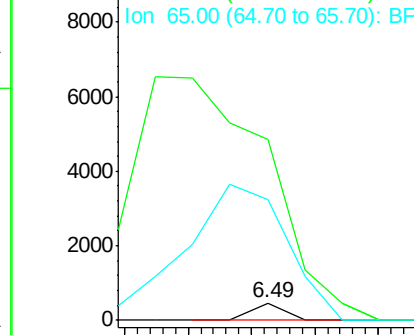
93 100

66 1052.8 32.2 48.2#

65 698.7 16.4 24.6#



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



#7

Phenol-d6

Concen: 22.124 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.04 min

Lab File: BF100873.D

Acq: 23 Nov 2017 14:12

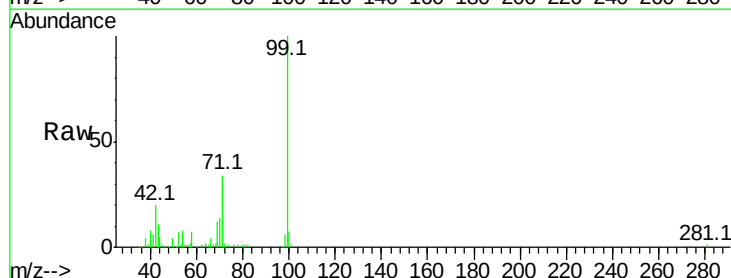
Tgt Ion: 99 Resp: 133793

Ion Ratio Lower Upper

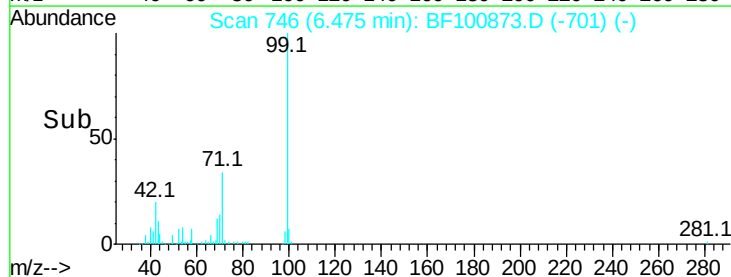
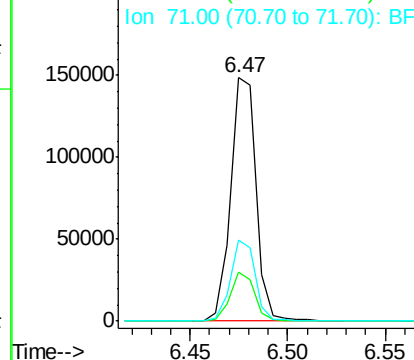
99 100

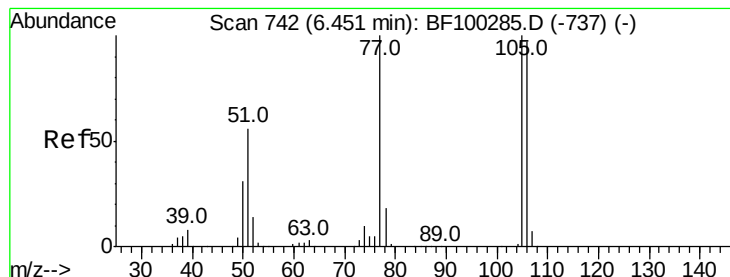
42 20.1 14.5 21.7

71 33.5 25.4 38.0



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





#9

Benzaldehyde

Concen: 1.646 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.19 min

Lab File: BF100873.D

Acq: 23 Nov 2017 14:12

Instrument :

BNA_F

ClientSampled :

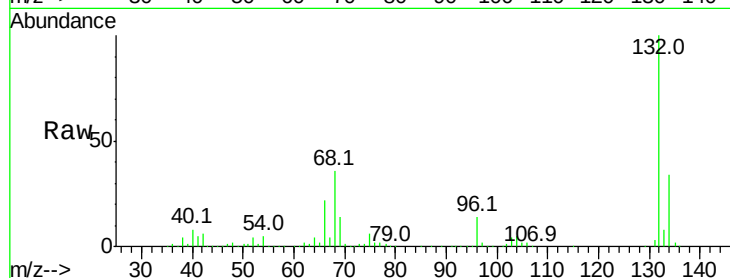
Tot Ion: 77 Resp: 7107

Ion Ratio Lower Upper

77 100

105 95.0 81.1 121.1

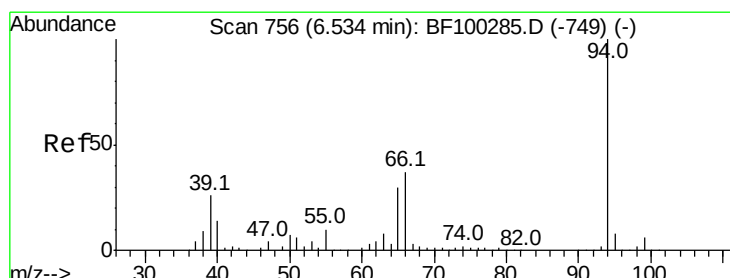
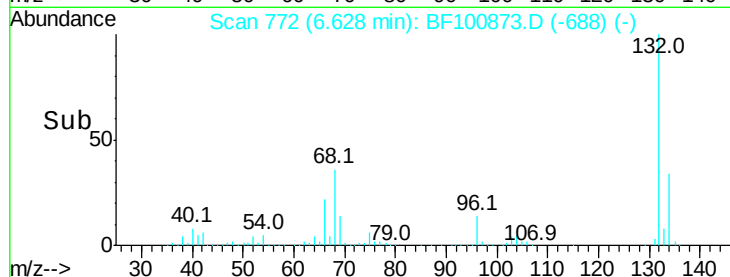
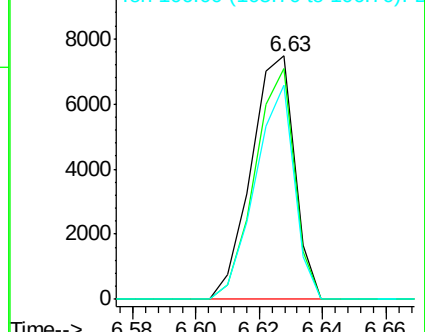
106 88.0 74.5 114.5



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: 1.602 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF100873.D

Acq: 23 Nov 2017 14:12

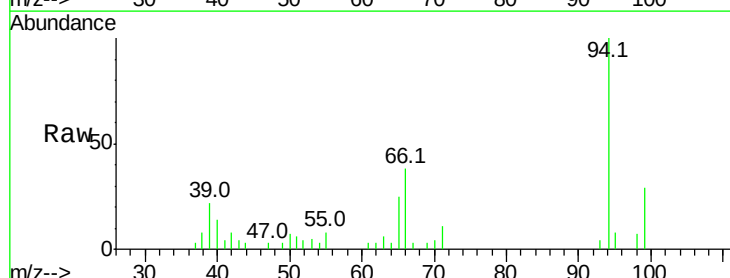
Tgt Ion: 94 Resp: 10168

Ion Ratio Lower Upper

94 100

65 25.3 7.9 47.9

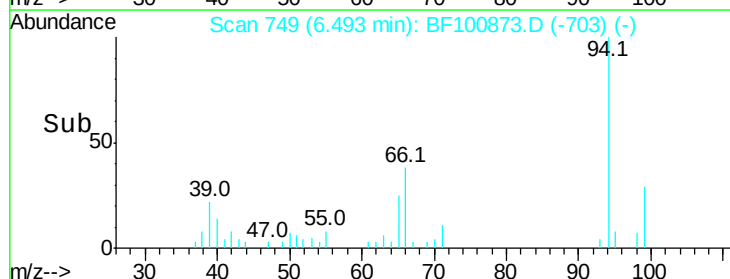
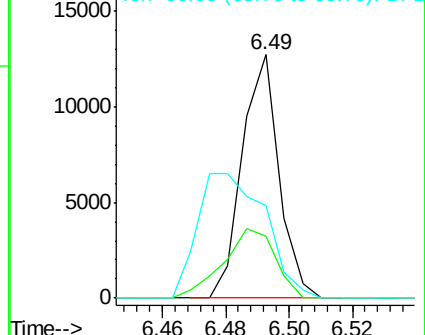
66 38.2 16.2 56.2

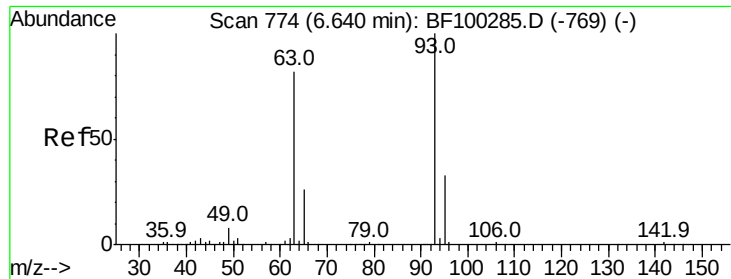


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 0.073 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF100873.D

Acq: 23 Nov 2017 14:12

Instrument :

BNA_F

ClientSampleId :

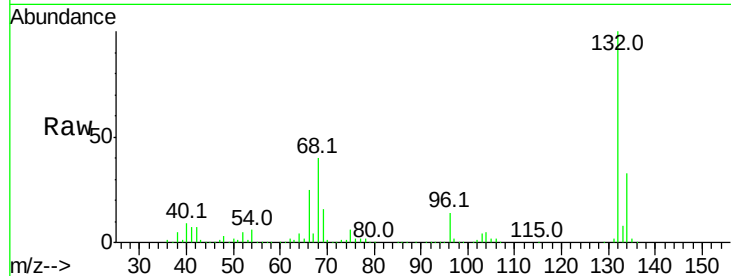
Tot Ion: 93 Resp: 388

Ion Ratio Lower Upper

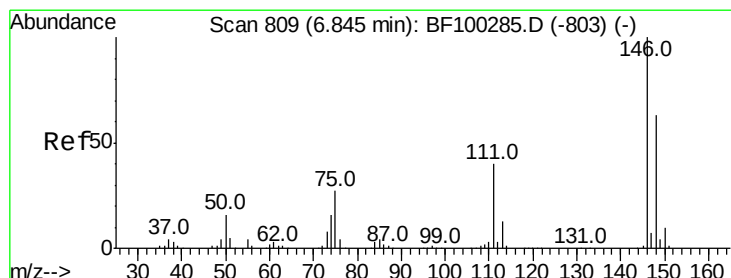
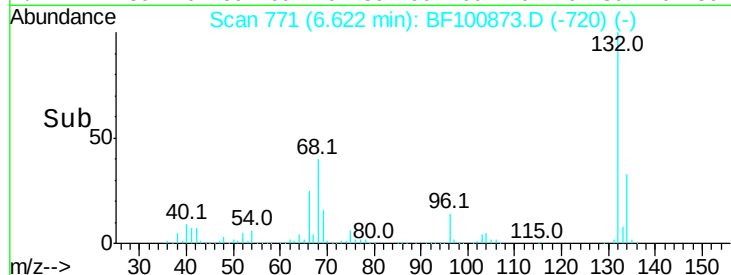
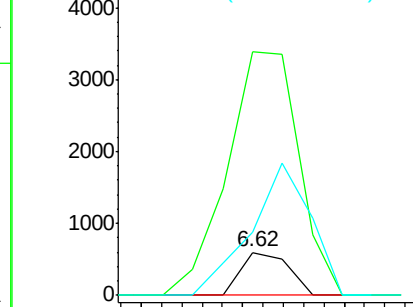
93 100

63 567.0 58.6 98.6#

95 146.4 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



#12

1,3-Dichlorobenzene

Concen: 0.019 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.19 min

Lab File: BF100873.D

Acq: 23 Nov 2017 14:12

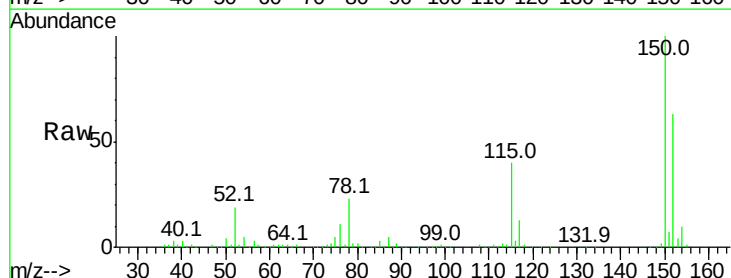
Tgt Ion: 146 Resp: 113

Ion Ratio Lower Upper

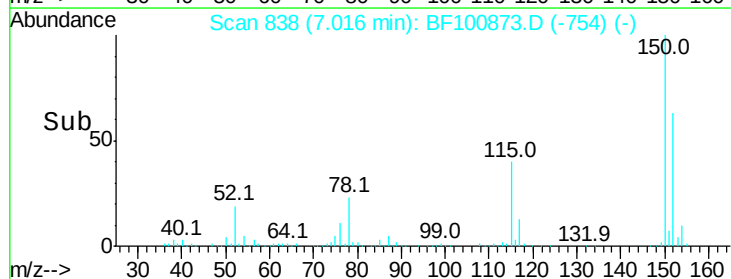
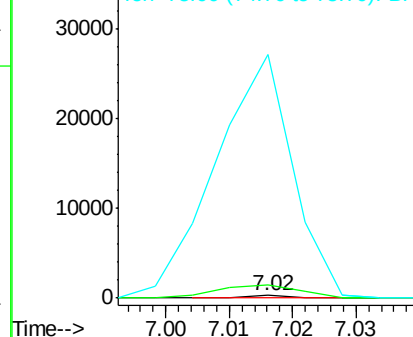
146 100

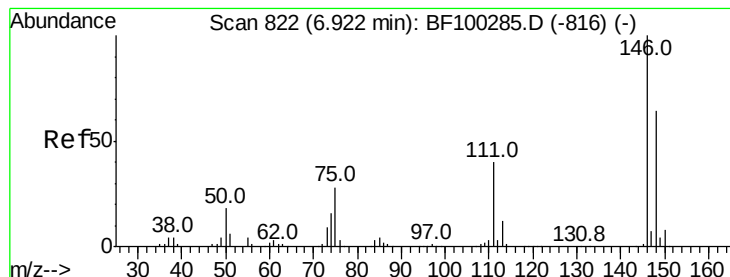
148 470.3 51.8 77.8#

75 8480.0 24.2 36.4#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 0.019 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.12 min

Lab File: BF100873.D

Acq: 23 Nov 2017 14:12

Instrument :

BNA_F

ClientSampleId :

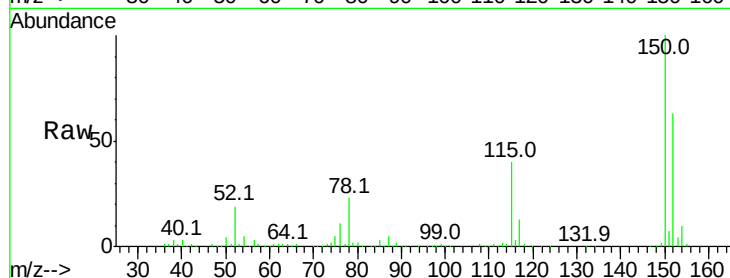
Tot Ion:146 Resp: 113

Ion Ratio Lower Upper

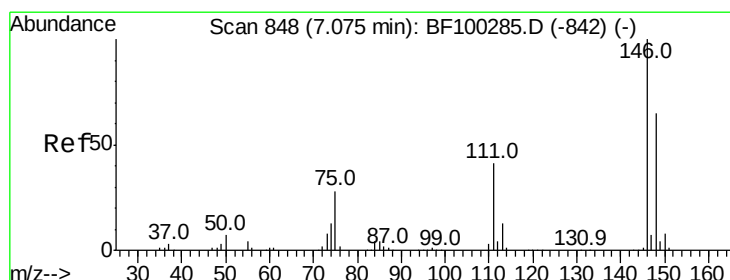
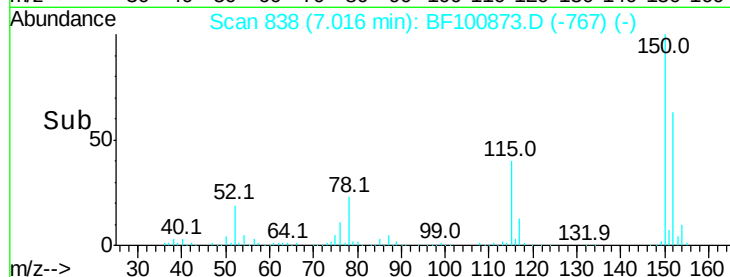
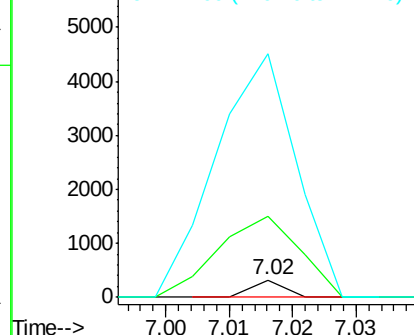
146 100

148 470.3 50.8 76.2#

111 1409.7 34.2 51.2#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 0.020 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.04 min

Lab File: BF100873.D

Acq: 23 Nov 2017 14:12

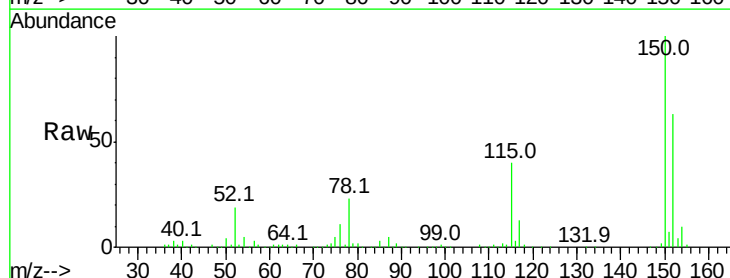
Tgt Ion:146 Resp: 113

Ion Ratio Lower Upper

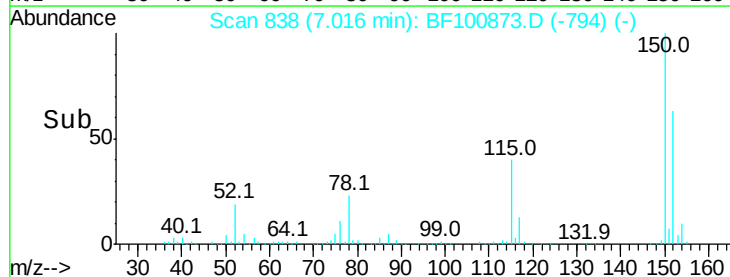
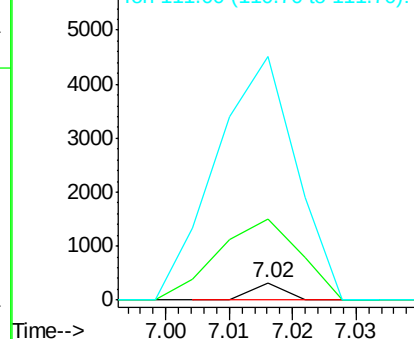
146 100

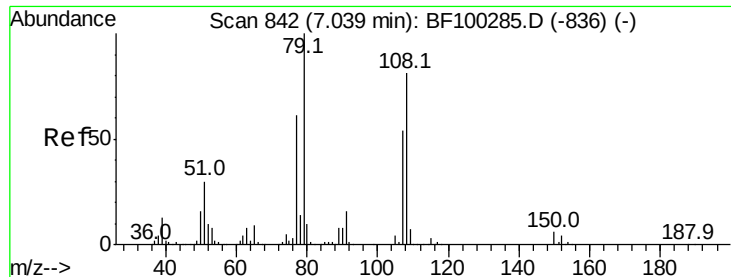
148 470.3 50.6 75.8#

111 1409.7 36.0 54.0#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 1.645 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF100873.D

Acq: 23 Nov 2017 14:12

Instrument :

BNA_F

ClientSampleId :

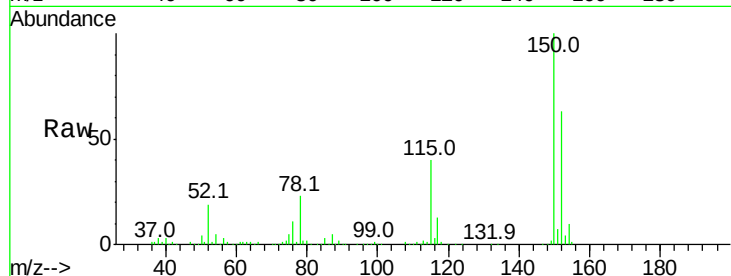
Tot Ion: 79 Resp: 7766

Ion Ratio Lower Upper

79 100

108 33.0 65.1 97.7#

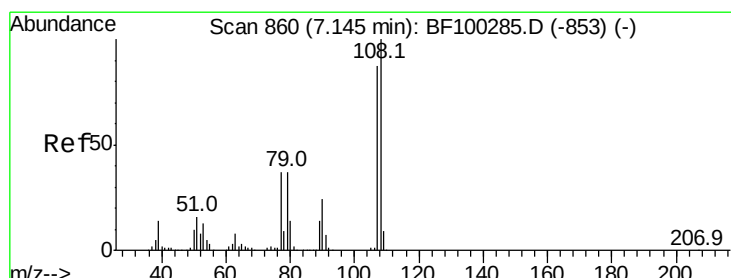
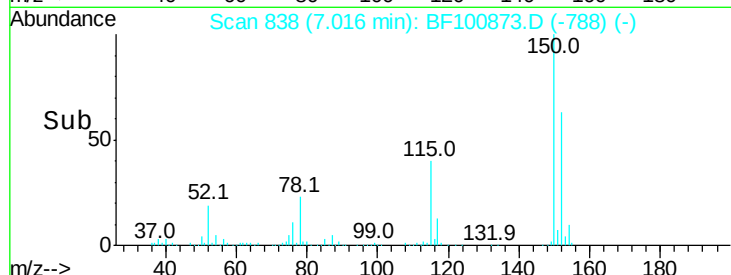
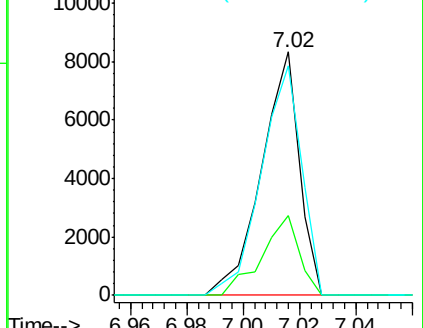
77 94.3 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#17

2-Methylphenol

Concen: 0.060 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.13 min

Lab File: BF100873.D

Acq: 23 Nov 2017 14:12

Tgt Ion: 107 Resp: 268

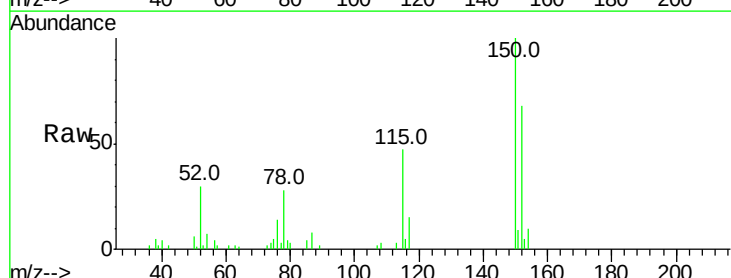
Ion Ratio Lower Upper

107 100

108 173.3 91.7 137.5#

77 194.1 33.8 50.8#

79 253.4 33.8 50.8#

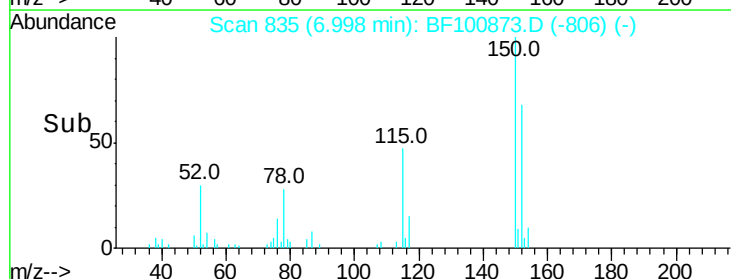
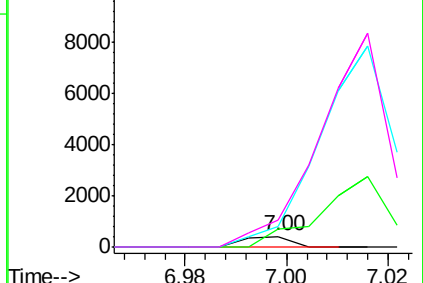


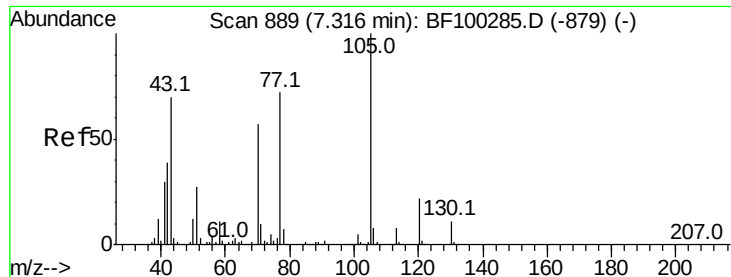
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 15.018 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.12 min

Lab File: BF100873.D

Acq: 23 Nov 2017 14:12

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 62982

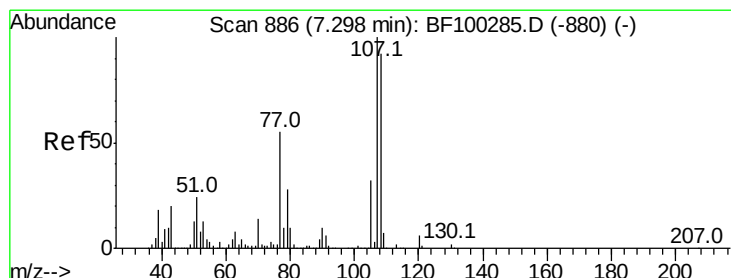
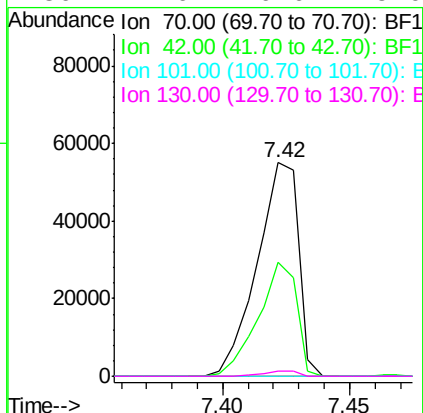
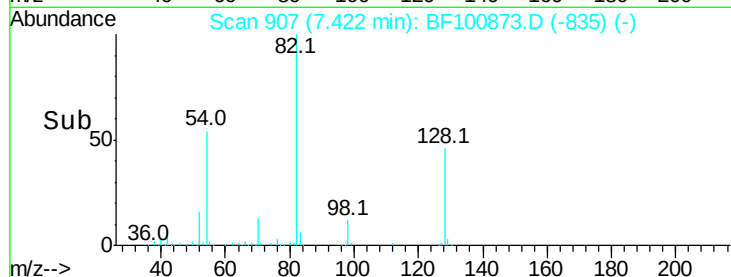
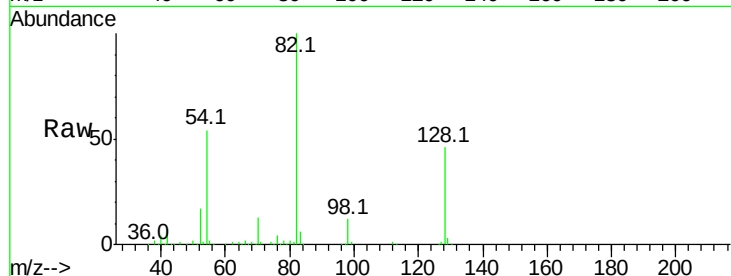
Ion Ratio Lower Upper

70 100

42 53.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#



#20

3+4-Methylphenols

Concen: 0.048 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.28 min

Lab File: BF100873.D

Acq: 23 Nov 2017 14:12

Tgt Ion:107 Resp: 268

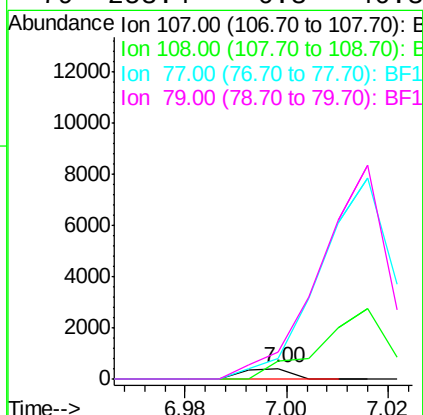
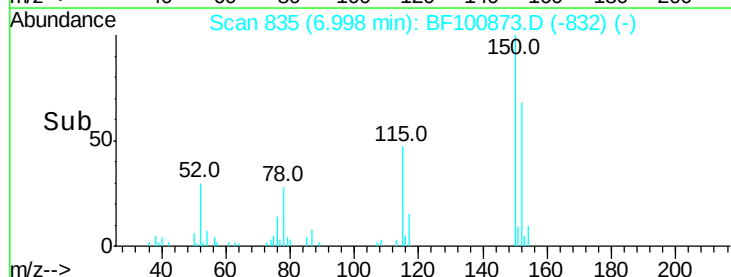
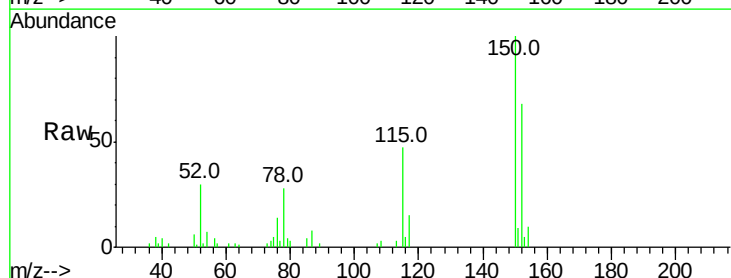
Ion Ratio Lower Upper

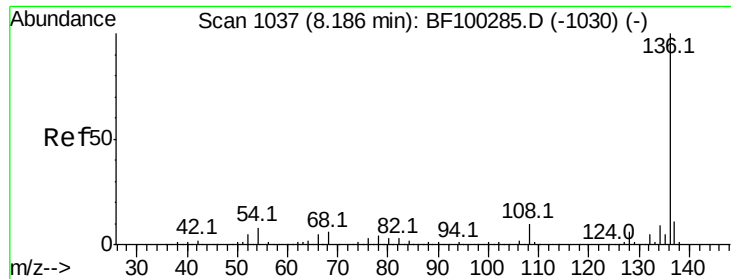
107 100

108 173.3 68.2 108.2#

77 194.1 26.7 66.7#

79 253.4 6.3 46.3#

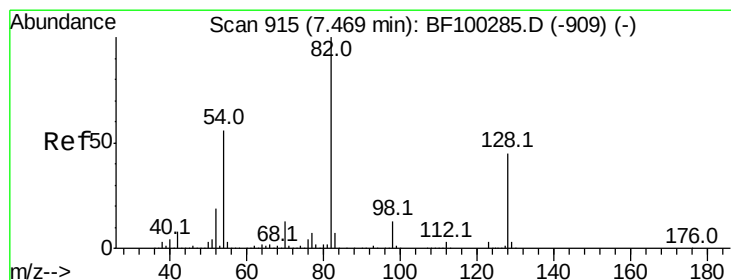
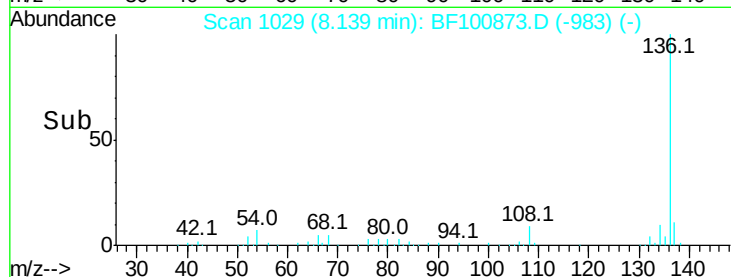
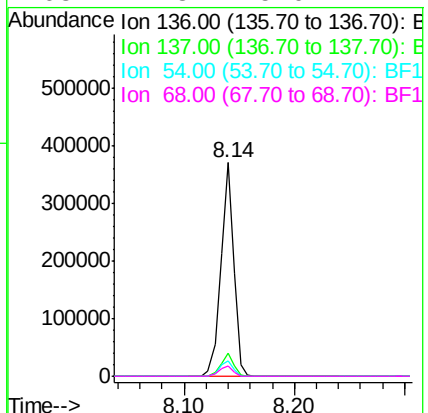
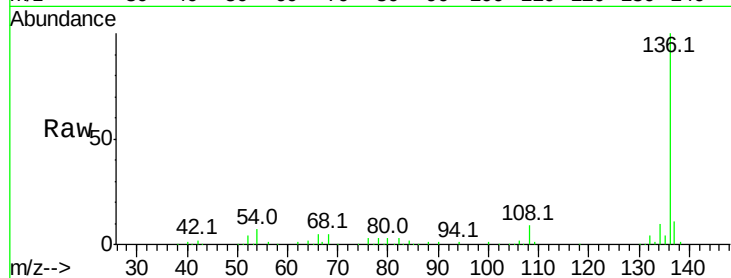




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BF100873.D
Acq: 23 Nov 2017 14:12

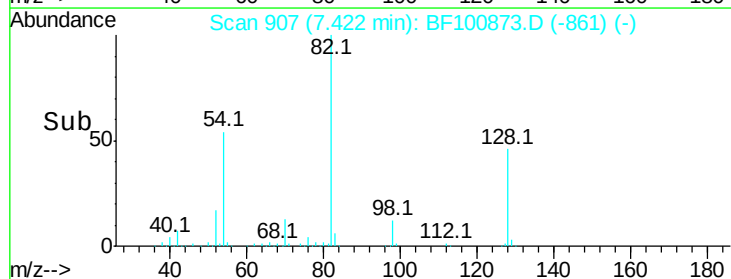
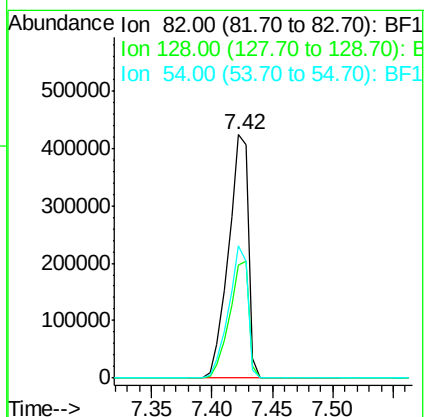
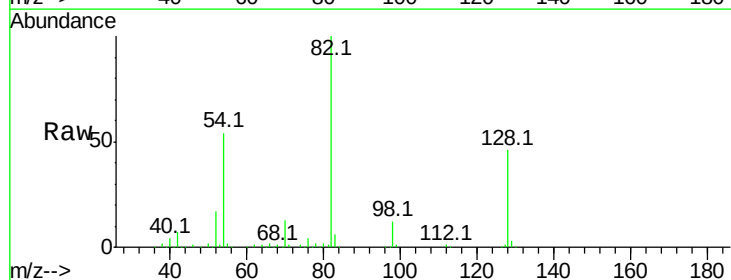
Instrument :
BNA_F
ClientSampleId :

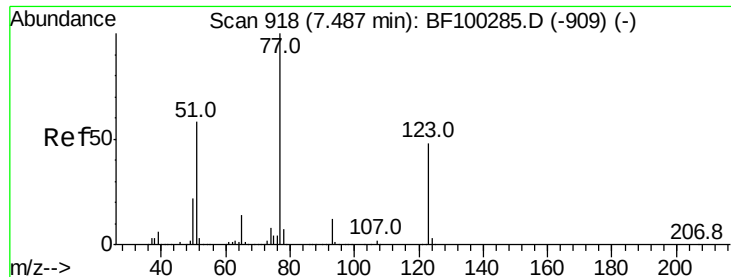
Tot Ion:	136	Resp:	302531
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.4	6.6	9.8
68	4.8	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 105.811 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.03 min
Lab File: BF100873.D
Acq: 23 Nov 2017 14:12

Tgt Ion:	82	Resp:	484184
Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	54.2	41.4	62.2





#24

Nitrobenzene

Concen: 0.257 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.05 min

Lab File: BF100873.D

Acq: 23 Nov 2017 14:12

Instrument :

BNA_F

ClientSampleId :

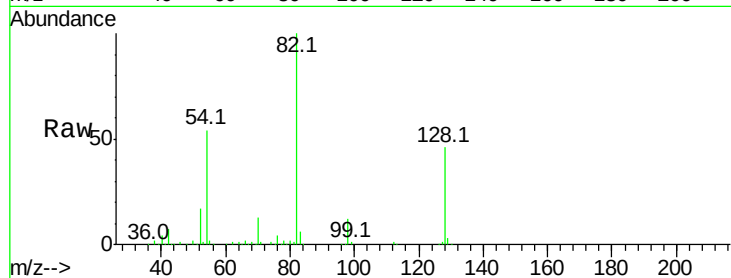
Tot Ion: 77 Resp: 1210

Ion Ratio Lower Upper

77 100

123 0.0 37.9 56.9#

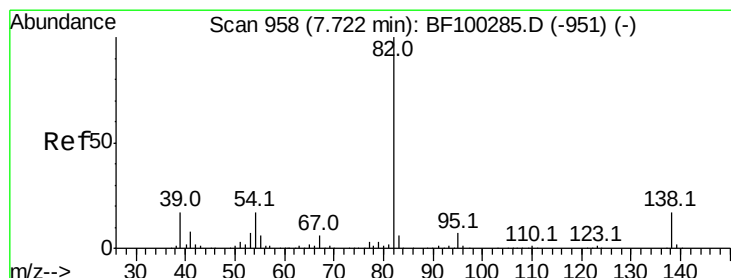
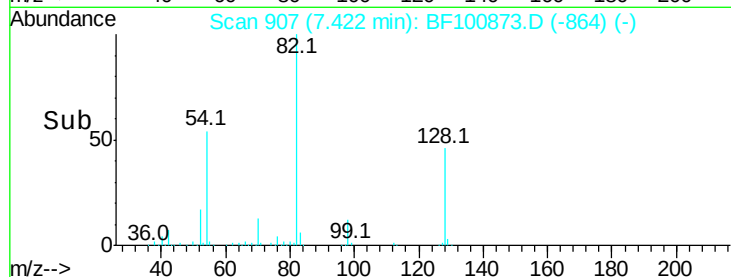
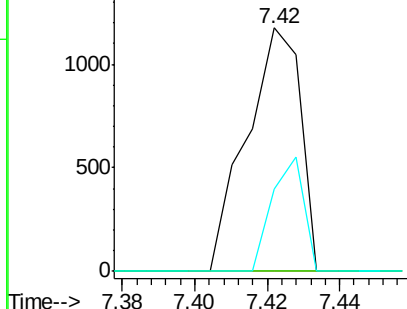
65 33.9 11.0 16.4#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#25

Isophorone

Concen: 50.351 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.28 min

Lab File: BF100873.D

Acq: 23 Nov 2017 14:12

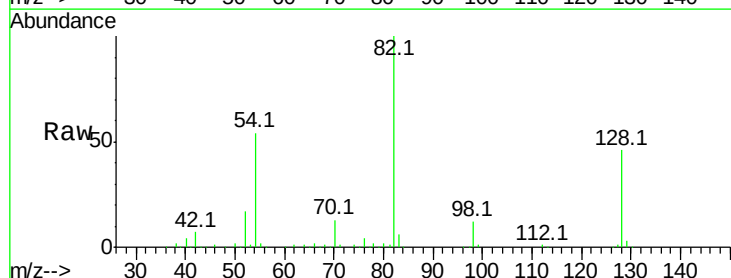
Tgt Ion: 82 Resp: 484177

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

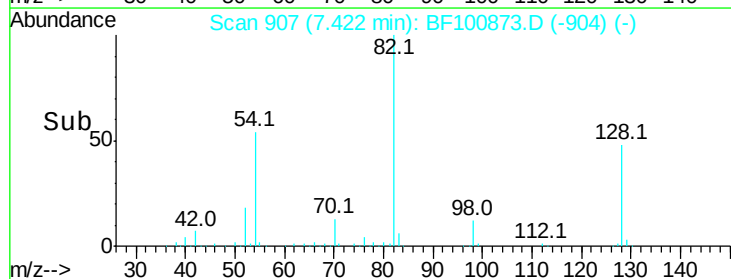
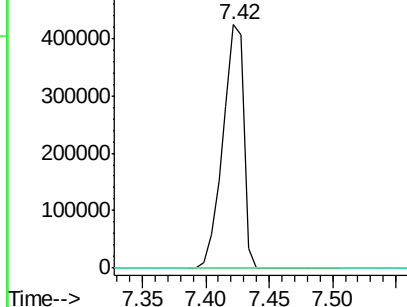
138 0.0 14.9 22.3#

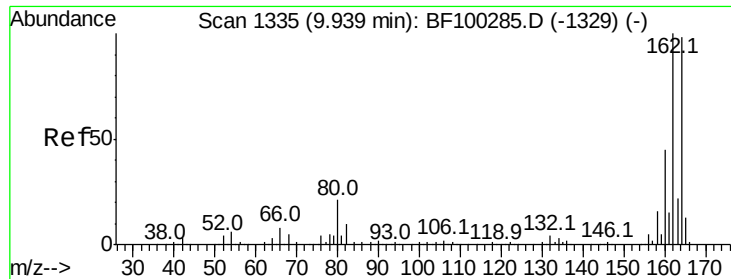


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.03 min

Lab File: BF100873.D

Acq: 23 Nov 2017 14:12

Instrument :

BNA_F

ClientSampleId :

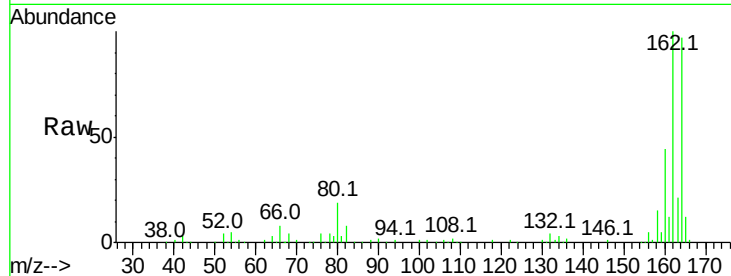
Tot Ion:164 Resp: 140465

Ion Ratio Lower Upper

164 100

162 103.0 86.1 129.1

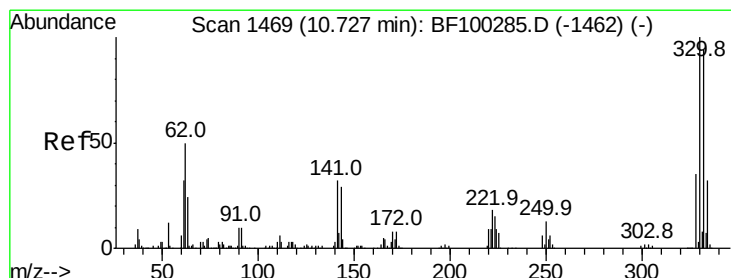
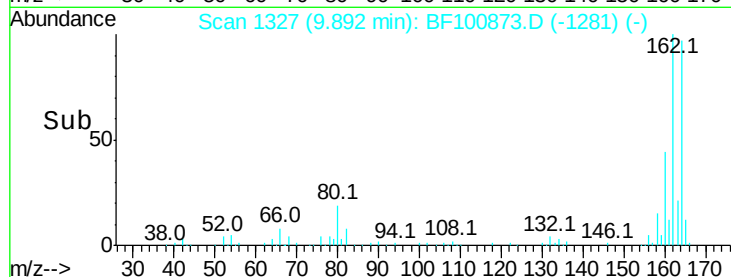
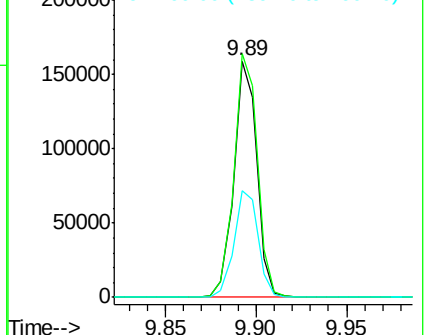
160 44.9 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 88.516 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.02 min

Lab File: BF100873.D

Acq: 23 Nov 2017 14:12

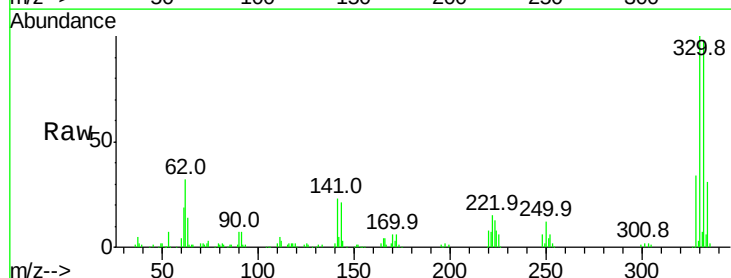
Tgt Ion:330 Resp: 126697

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

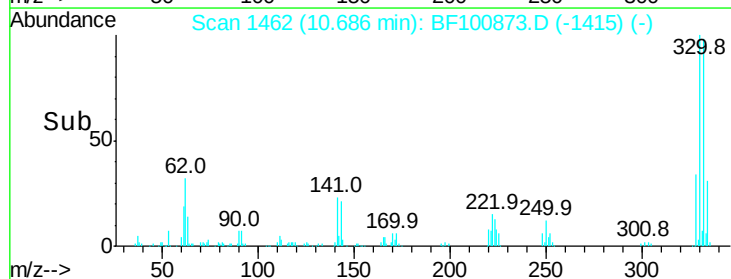
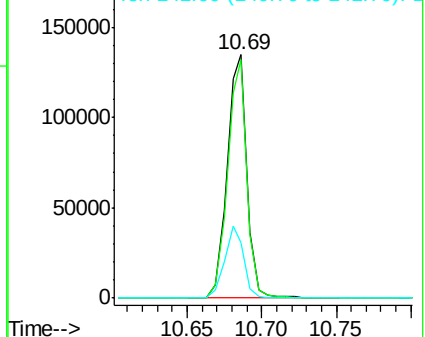
141 28.5 29.9 44.9#

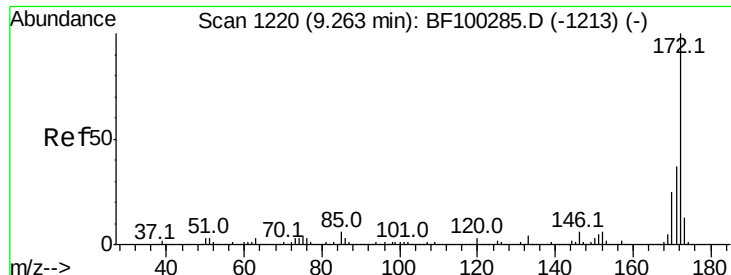


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

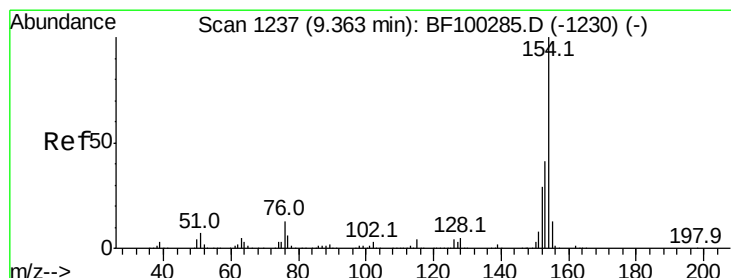
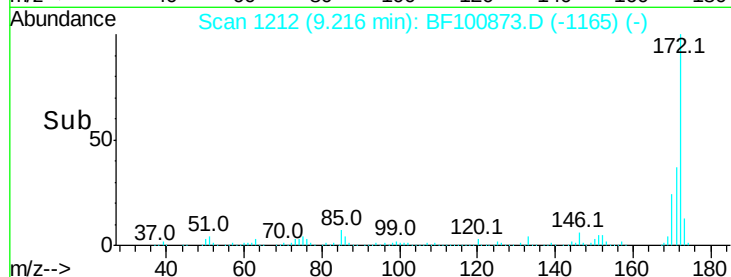
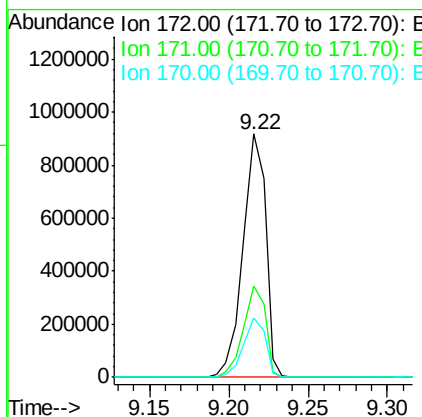
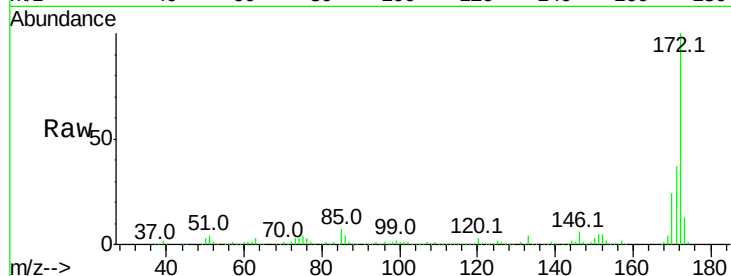




#44
 2-Fluorobiphenyl
 Concen: 99.294 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF100873.D
 Acq: 23 Nov 2017 14:12

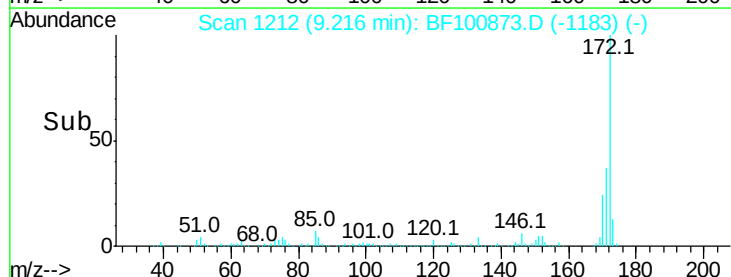
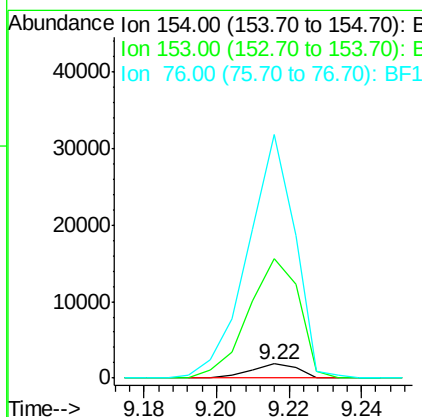
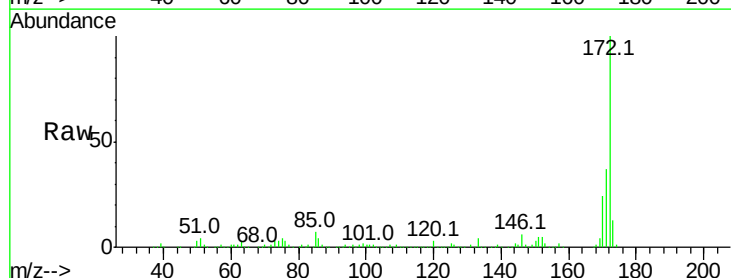
Instrument :
 BNA_F
 ClientSampleId :

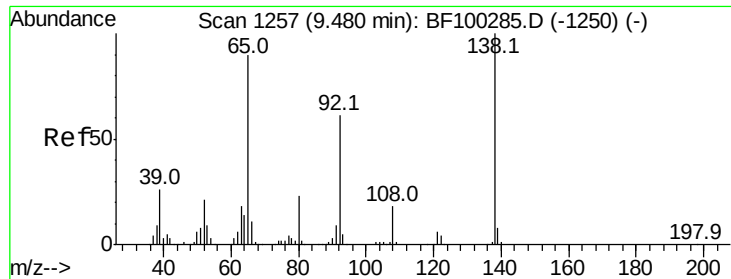
Tot Ion:172 Resp: 915951
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.7 44.5
 170 24.3 19.6 29.4



#45
 1,1'-Biphenyl
 Concen: 0.136 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.13 min
 Lab File: BF100873.D
 Acq: 23 Nov 2017 14:12

Tgt Ion:154 Resp: 1652
 Ion Ratio Lower Upper
 154 100
 153 848.1 21.3 61.3#
 76 1735.1 0.0 34.0#





#47

2-Nitroaniline

Concen: 3.269 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.25 min

Lab File: BF100873.D

Acq: 23 Nov 2017 14:12

Instrument :

BNA_F

ClientSampleId :

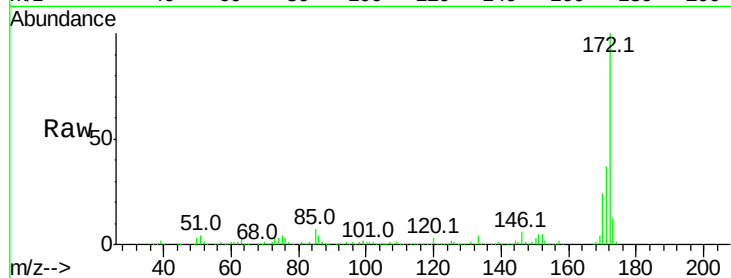
Tot Ion: 65 Resp: 1341

Ion Ratio Lower Upper

65 100

92 204.8 55.8 83.6#

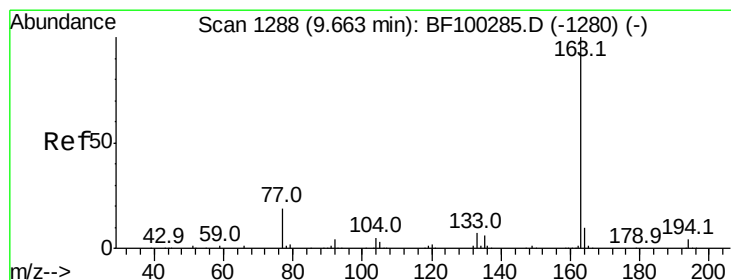
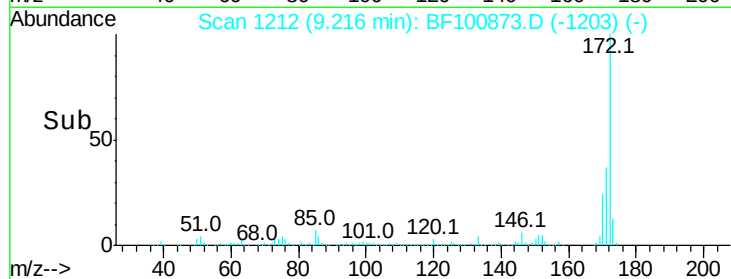
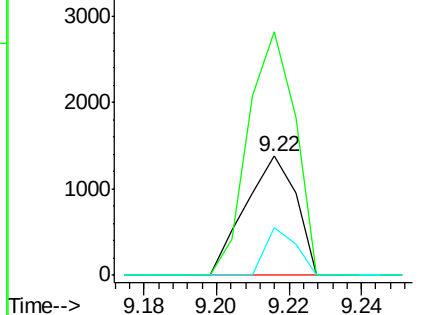
138 40.4 91.2 136.8#



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: 0.315 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.04 min

Lab File: BF100873.D

Acq: 23 Nov 2017 14:12

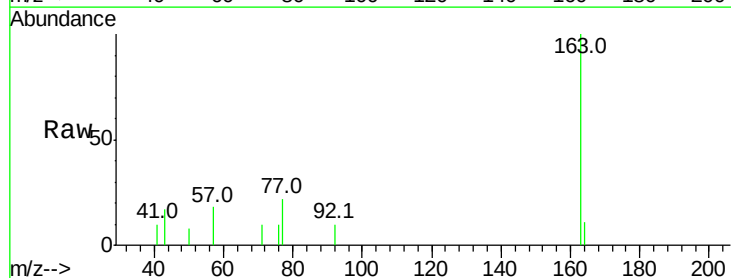
Tgt Ion: 163 Resp: 3373

Ion Ratio Lower Upper

163 100

194 0.0 2.7 4.1#

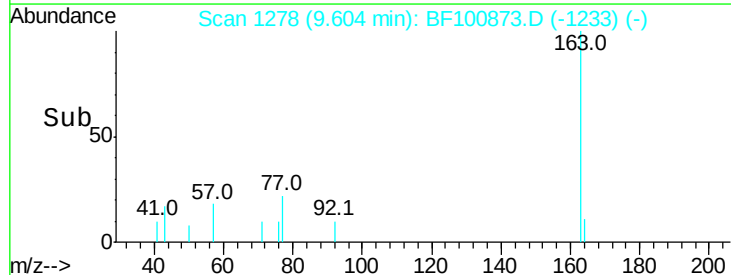
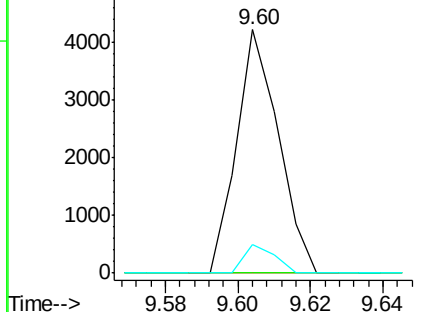
164 11.5 8.2 12.2

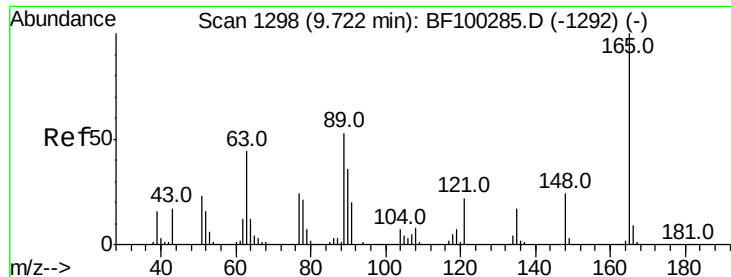


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 8.146 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.19 min

Lab File: BF100873.D

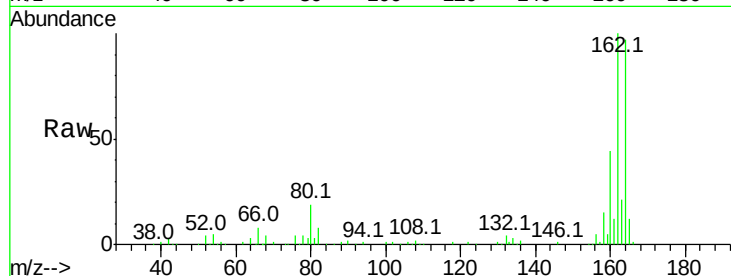
Acq: 23 Nov 2017 14:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	165	Resp:	17294
Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#

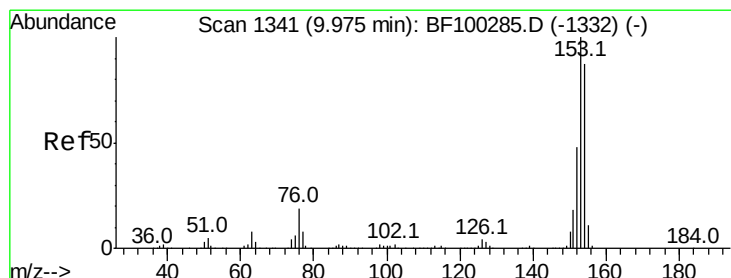
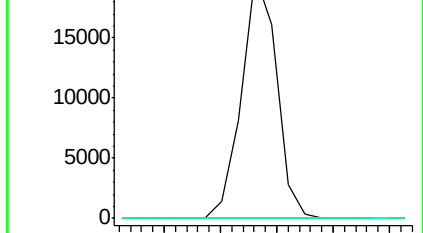
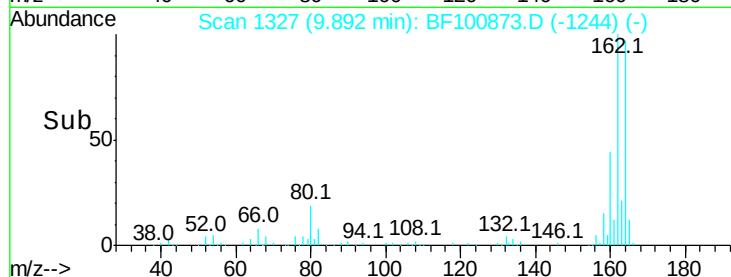


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



#51

Acenaphthene

Concen: 0.042 ng

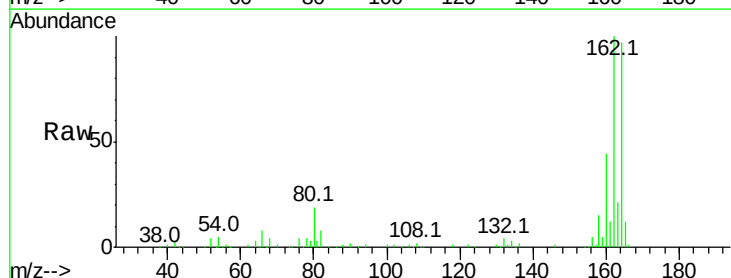
RT: 9.89 min Scan# 1327

Delta R.T. -0.06 min

Lab File: BF100873.D

Acq: 23 Nov 2017 14:12

Tgt Ion:	154	Resp:	370
Ion	Ratio	Lower	Upper
154	100		
153	0.0	91.2	136.8#
152	0.0	43.8	65.8#

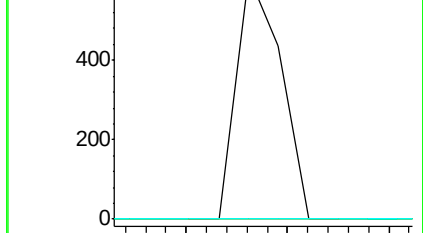
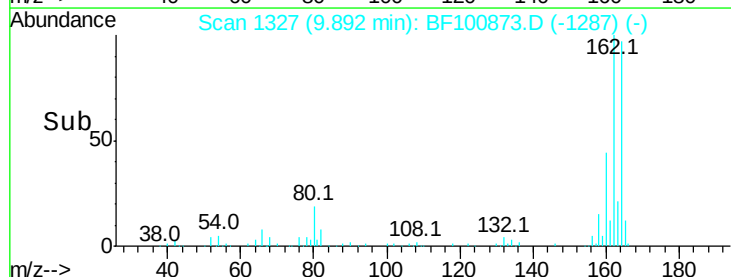


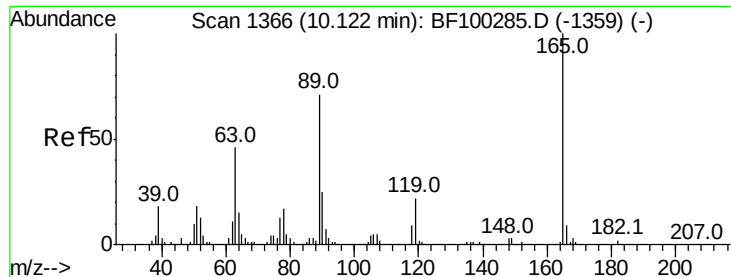
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->

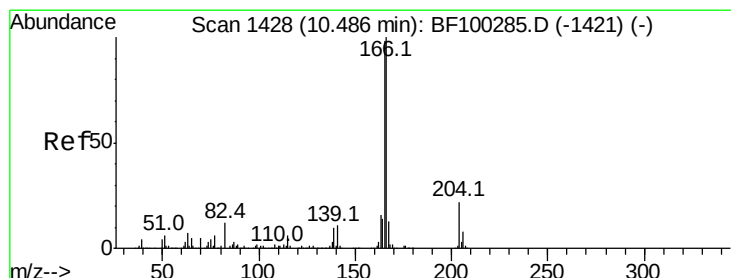
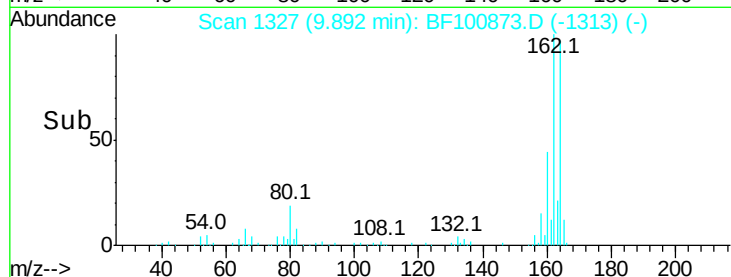
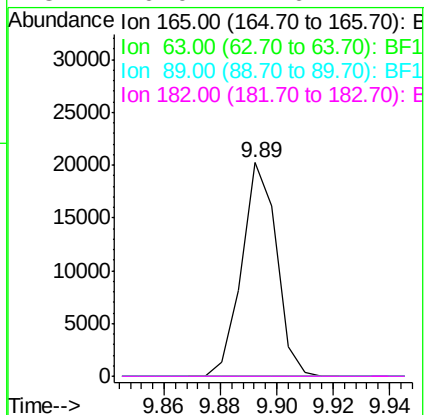
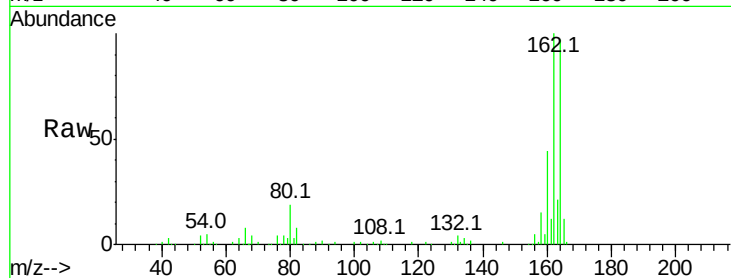




#56
2,4-Dinitrotoluene
Concen: 6.458 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.22 min
Lab File: BF100873.D
Acq: 23 Nov 2017 14:12

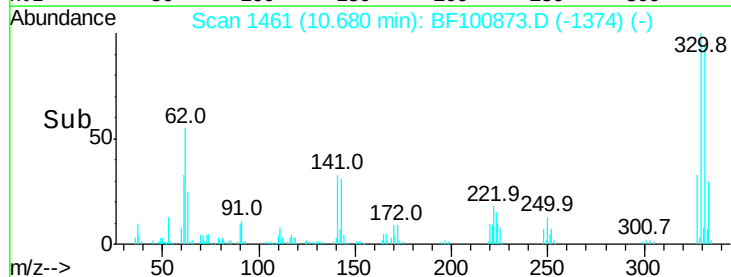
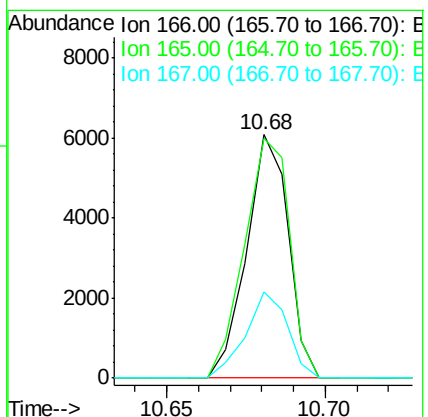
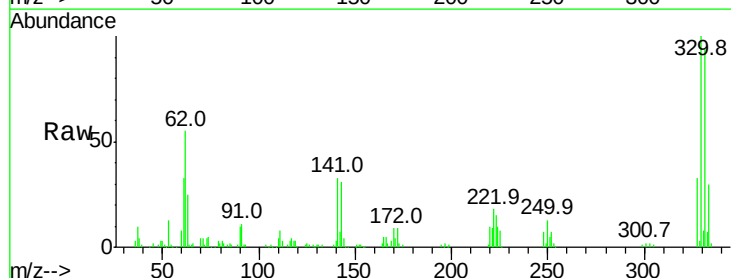
Instrument :
BNA_F
ClientSampleId :

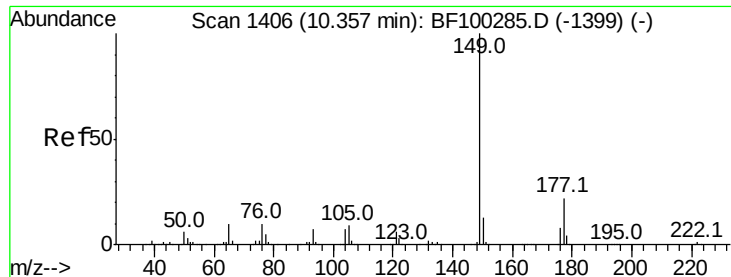
Tot Ion:	165	Resp:	17294
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#57
Fluorene
Concen: 0.608 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.21 min
Lab File: BF100873.D
Acq: 23 Nov 2017 14:12

Tgt Ion:	166	Resp:	5542
Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.8	119.8
167	35.4	10.6	16.0#

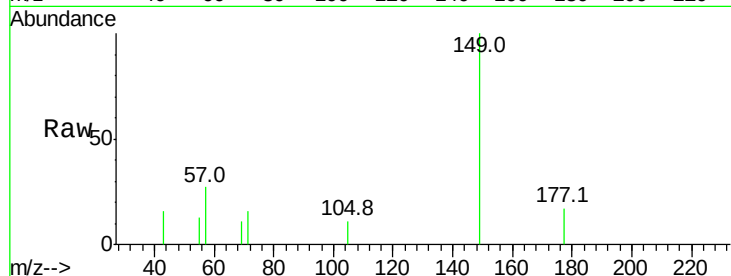




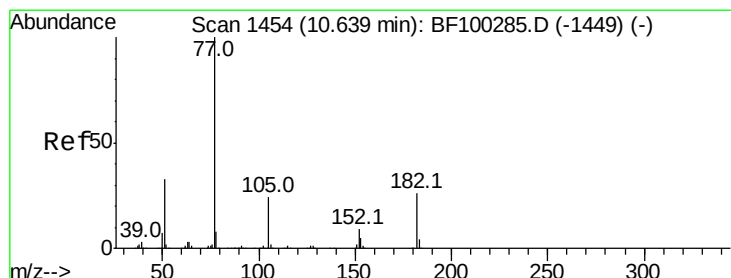
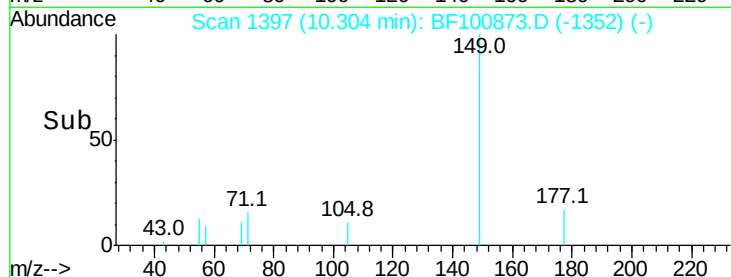
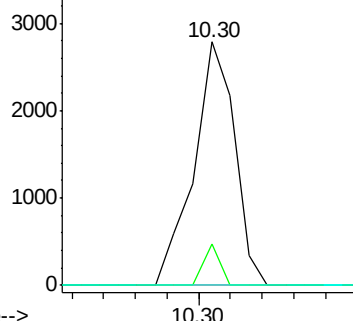
#59
Diethylphthalate
Concen: 0.232 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.04 min
Lab File: BF100873.D
Acq: 23 Nov 2017 14:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 2491
Ion Ratio Lower Upper
149 100
177 17.1 16.1 24.1
150 0.0 10.1 15.1#

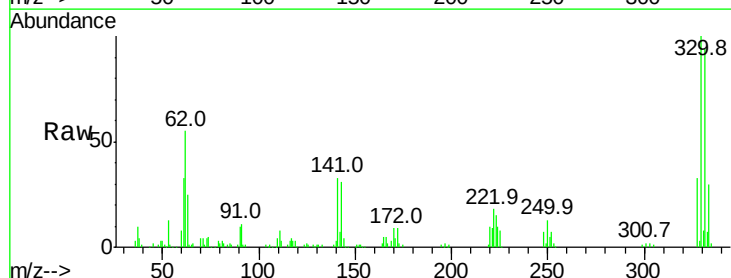


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

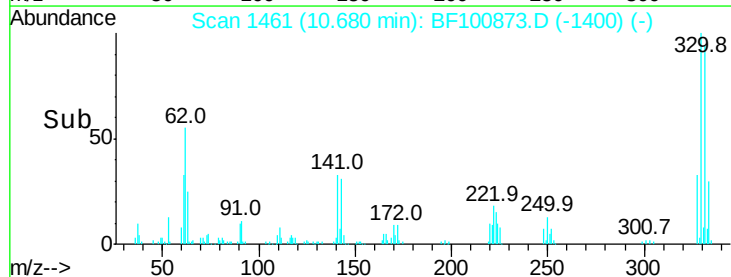
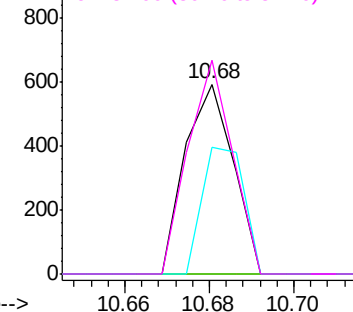


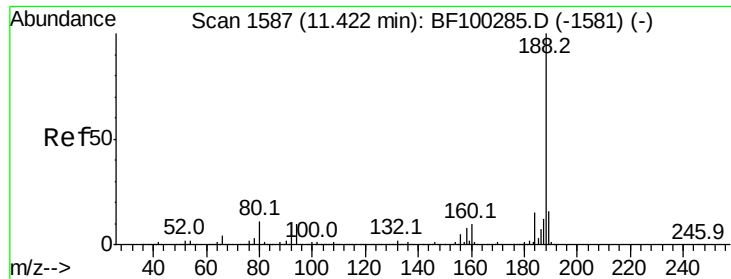
#62
Azobenzene
Concen: 0.046 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.06 min
Lab File: BF100873.D
Acq: 23 Nov 2017 14:12

Tgt Ion: 77 Resp: 467
Ion Ratio Lower Upper
77 100
182 0.0 1.7 41.7#
105 66.9 3.0 43.0#
51 112.5 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: BF100873.D

Acq: 23 Nov 2017 14:12

Instrument :

BNA_F

ClientSampleId :

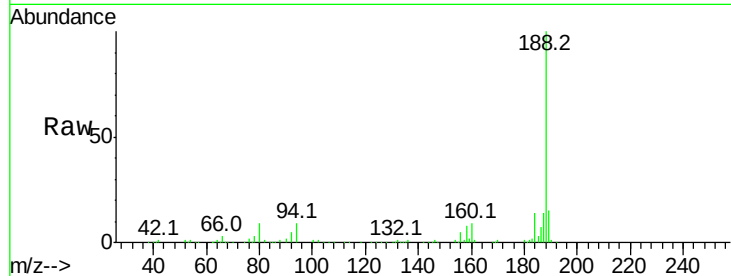
Tot Ion:188 Resp: 236102

Ion Ratio Lower Upper

188 100

94 8.7 8.5 12.7

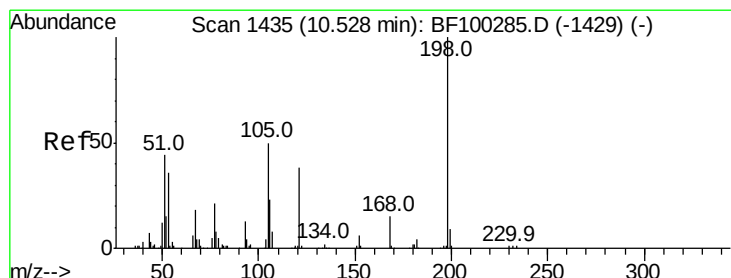
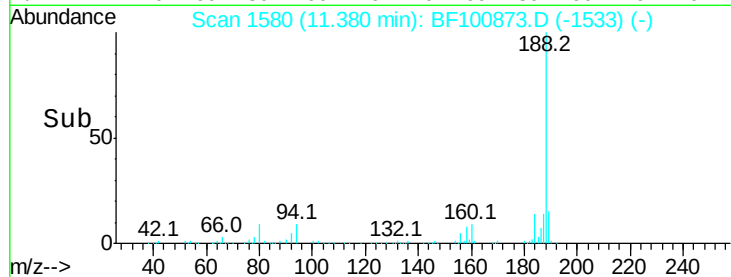
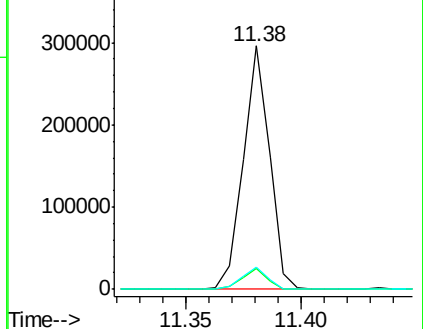
80 9.1 9.2 13.8#



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: 8.649 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.16 min

Lab File: BF100873.D

Acq: 23 Nov 2017 14:12

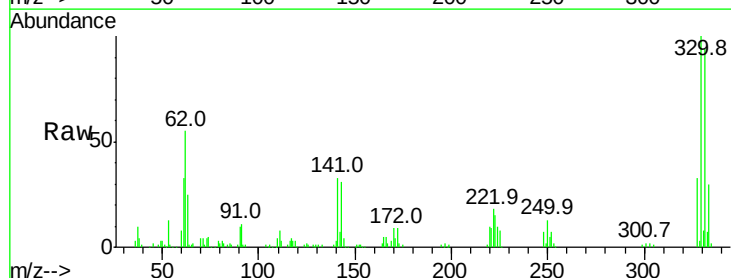
Tgt Ion:198 Resp: 115

Ion Ratio Lower Upper

198 100

51 204.0 37.7 77.7#

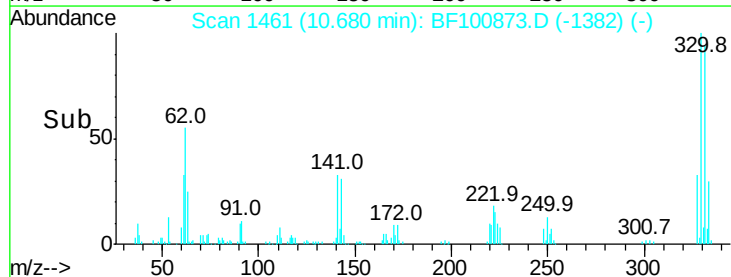
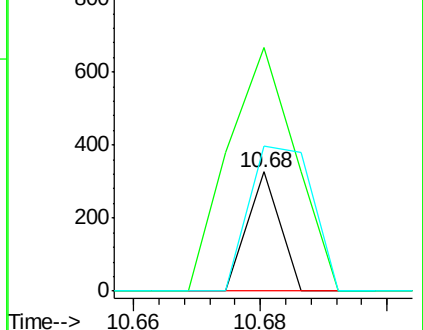
105 121.4 36.3 76.3#

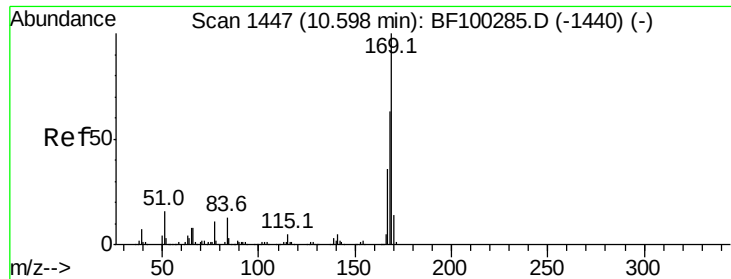


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

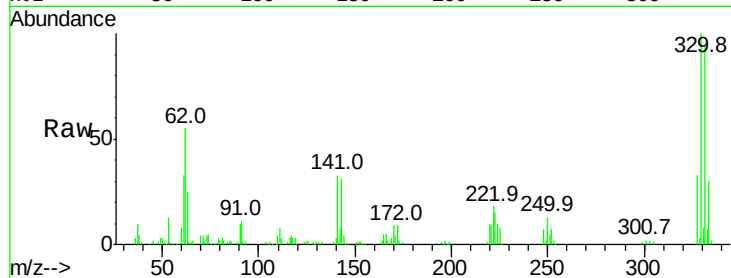




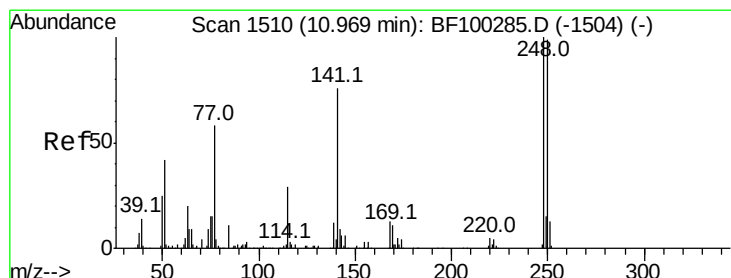
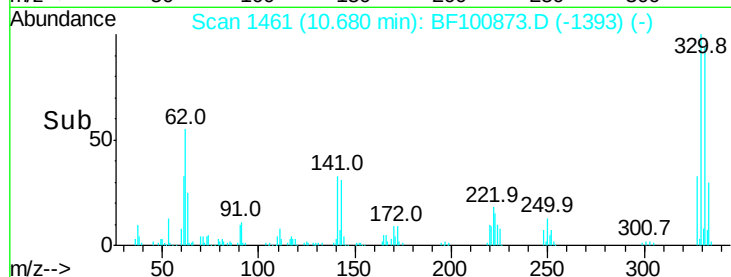
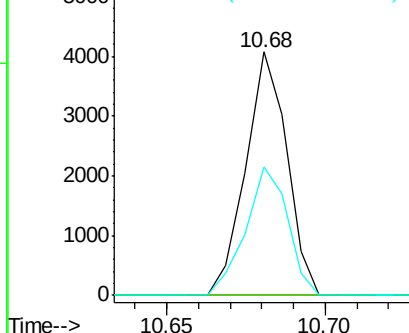
#65
 n-Nitrosodiphenylamine
 Concen: 0.446 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.10 min
 Lab File: BF100873.D
 Acq: 23 Nov 2017 14:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 3659
 Ion Ratio Lower Upper
 169 100
 168 0.0 54.4 81.6#
 167 52.8 29.8 44.6#

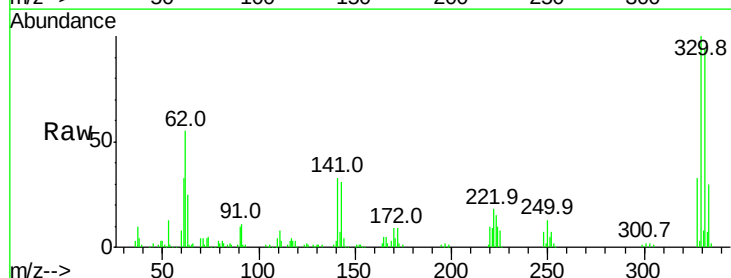


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

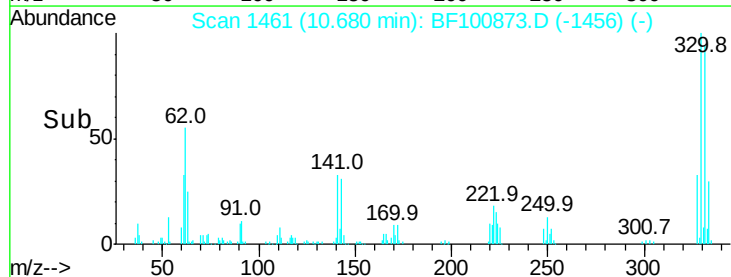
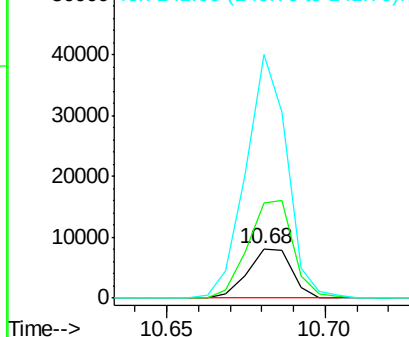


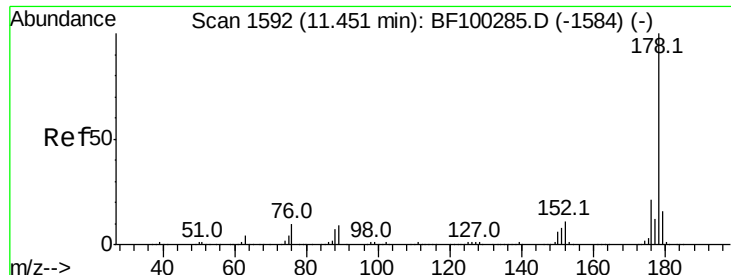
#66
 4-Bromophenyl-phenylether
 Concen: 3.061 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.27 min
 Lab File: BF100873.D
 Acq: 23 Nov 2017 14:12

Tgt Ion:248 Resp: 7748
 Ion Ratio Lower Upper
 248 100
 250 193.2 76.9 115.3#
 141 491.8 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

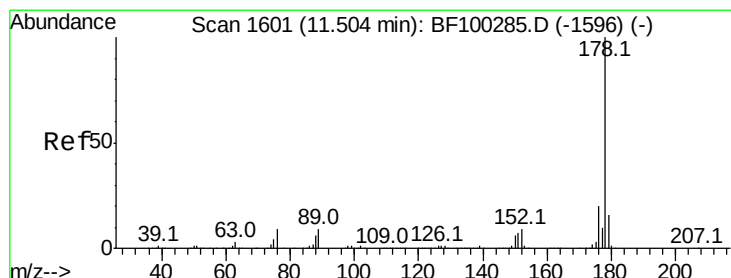
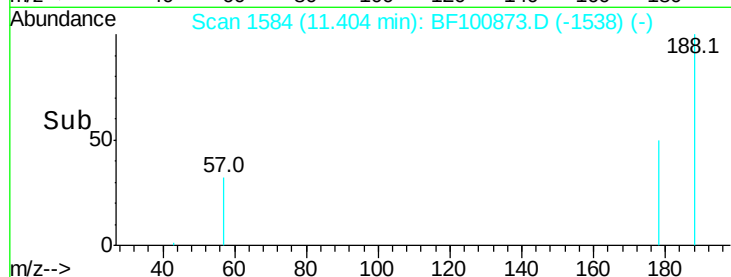
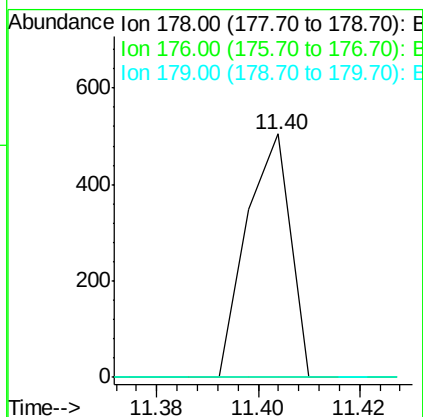
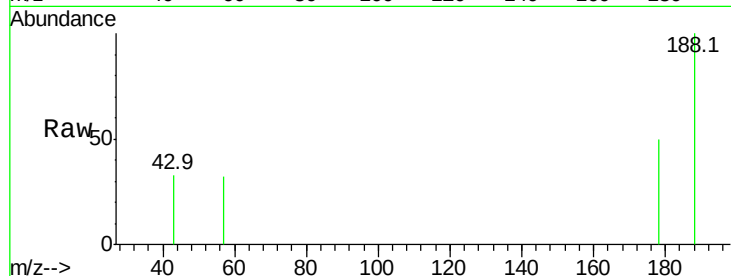




#70
 Phenanthrene
 Concen: 0.024 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.03 min
 Lab File: BF100873.D
 Acq: 23 Nov 2017 14:12

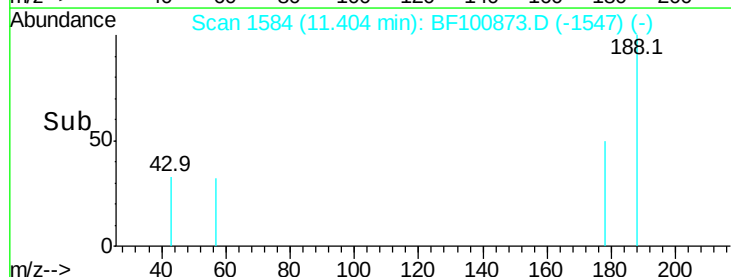
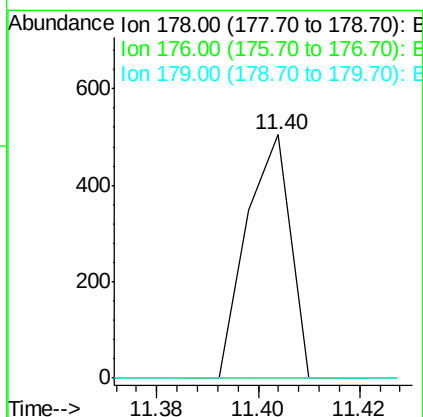
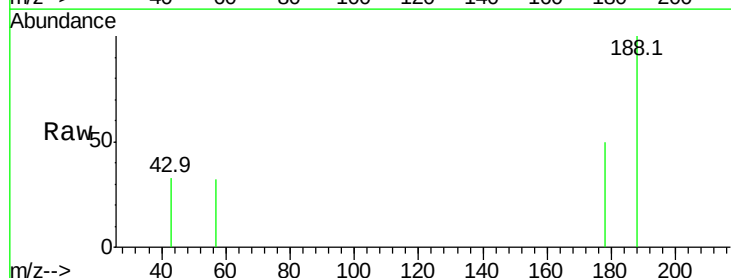
Instrument :
 BNA_F
 ClientSampleId :

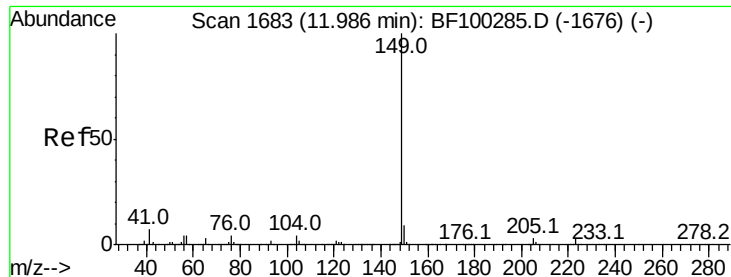
Tot Ion:178 Resp: 302
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.8 23.8#
 179 0.0 13.0 19.6#



#71
 Anthracene
 Concen: 0.024 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.08 min
 Lab File: BF100873.D
 Acq: 23 Nov 2017 14:12

Tgt Ion:178 Resp: 302
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.4 23.2#
 179 0.0 12.6 19.0#





#73

Di-n-butylphthalate

Concen: 0.137 ng

RT: 11.94 min Scan# 1675

Delta R.T. -0.02 min

Lab File: BF100873.D

Acq: 23 Nov 2017 14:12

Instrument :

BNA_F

ClientSampleId :

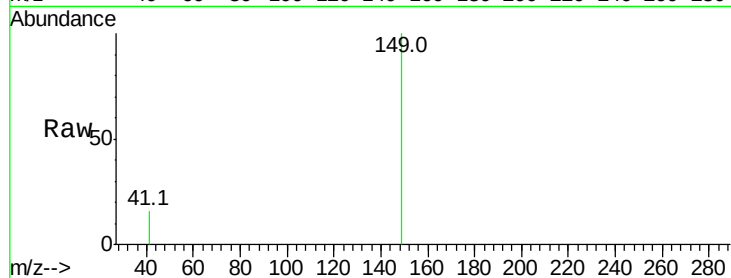
Tot Ion:149 Resp: 1871

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

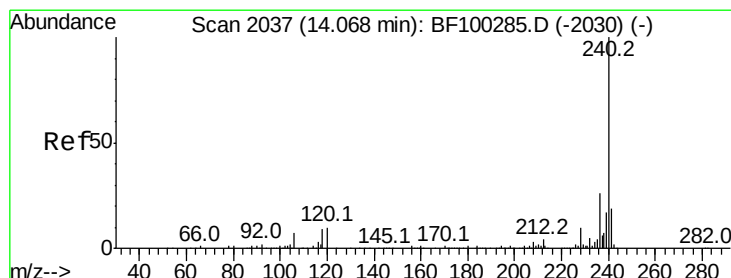
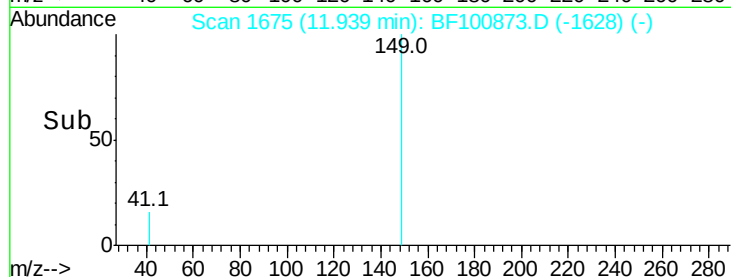
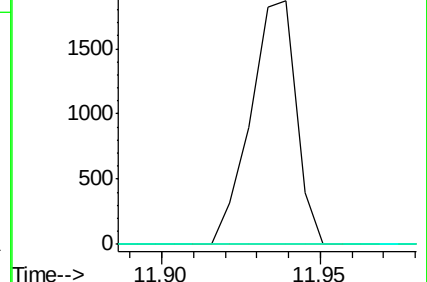
104 0.0 3.8 5.8#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.02 min

Lab File: BF100873.D

Acq: 23 Nov 2017 14:12

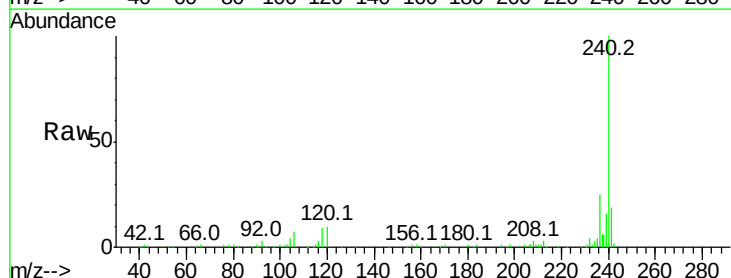
Tgt Ion:240 Resp: 147566

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

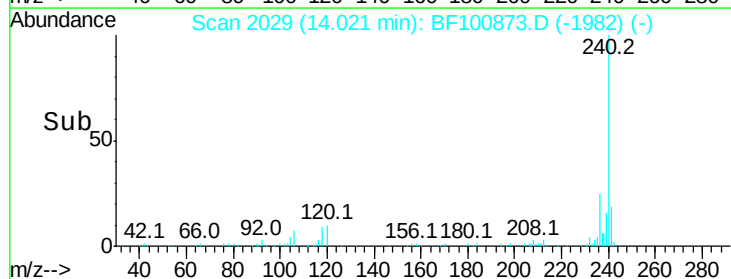
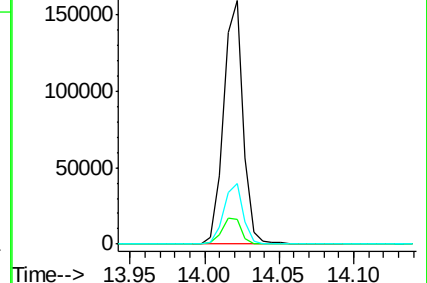
236 24.8 20.7 31.1

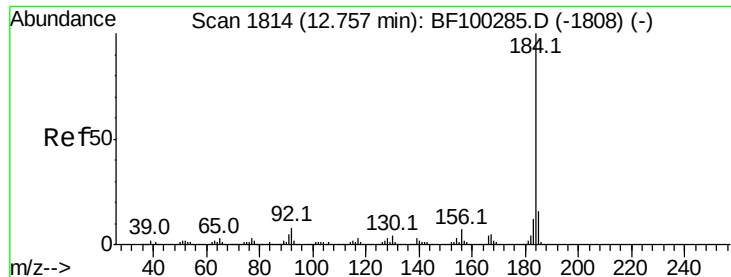


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 1.268 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.23 min

Lab File: BF100873.D

Acq: 23 Nov 2017 14:12

Instrument :

BNA_F

ClientSampleId :

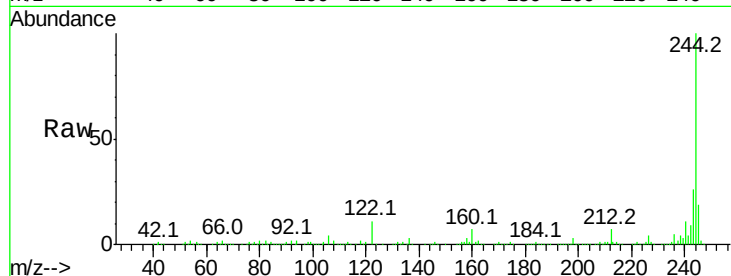
Tot Ion:184 Resp: 7491

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

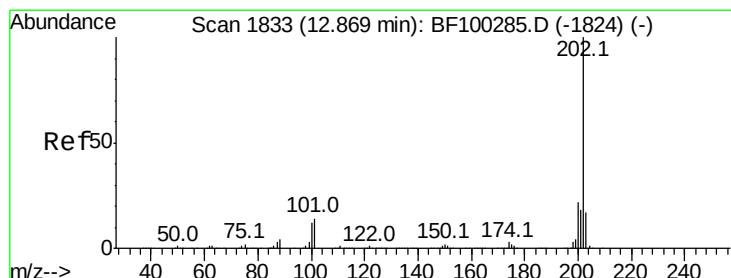
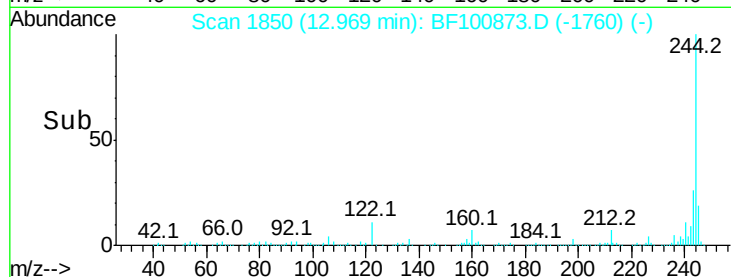
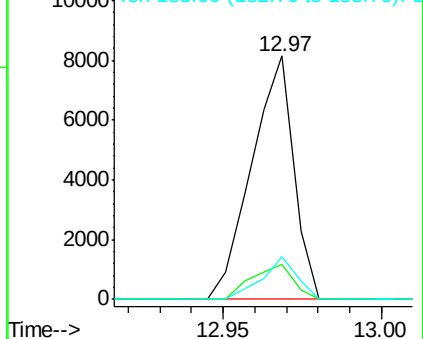
183 17.7 9.3 13.9#



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

Pyrene

Concen: 0.183 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.11 min

Lab File: BF100873.D

Acq: 23 Nov 2017 14:12

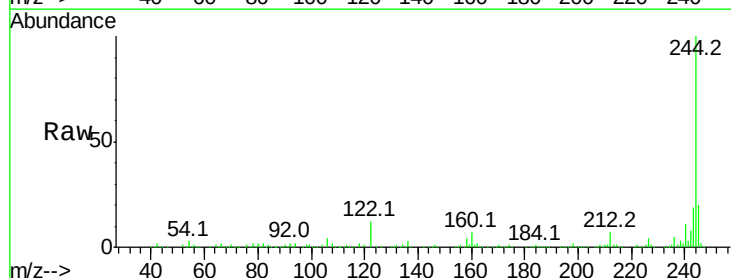
Tgt Ion:202 Resp: 1924

Ion Ratio Lower Upper

202 100

200 39.4 17.4 26.2#

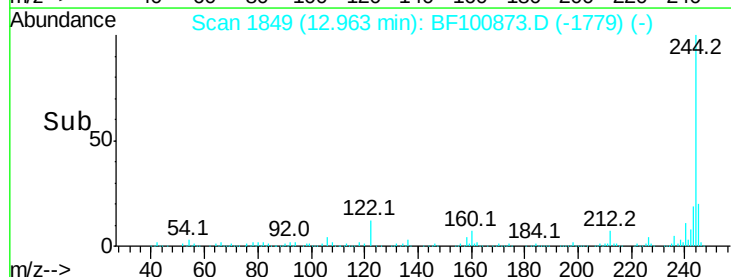
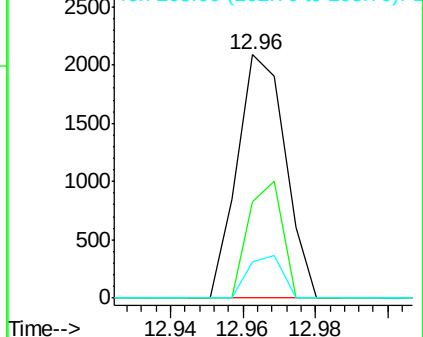
203 14.7 14.3 21.5

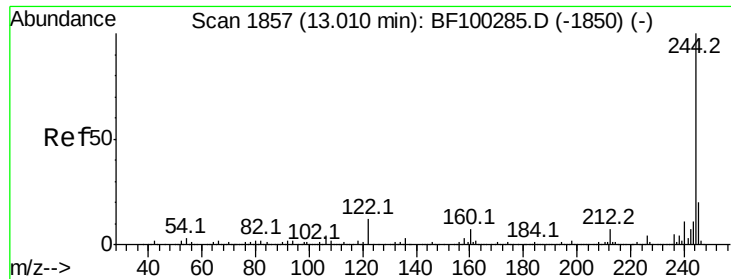


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 95.362 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.02 min

Lab File: BF100873.D

Acq: 23 Nov 2017 14:12

Instrument :

BNA_F

ClientSampled :

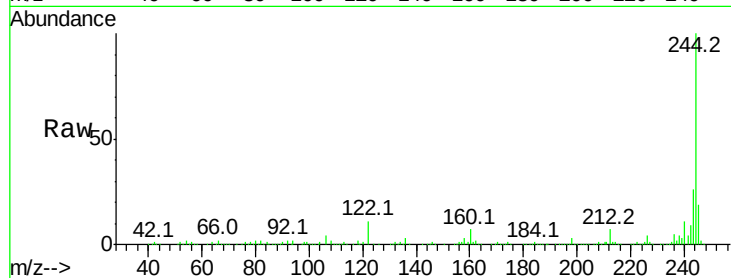
Tot Ion:244 Resp: 612447

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

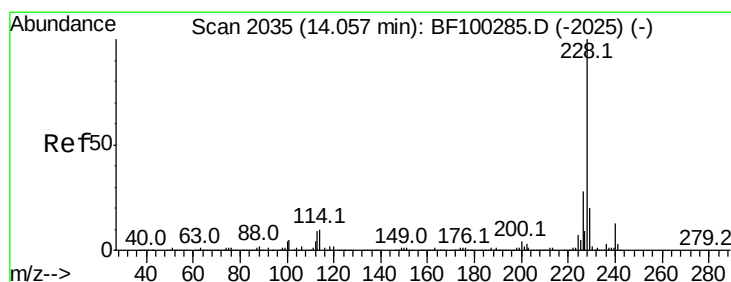
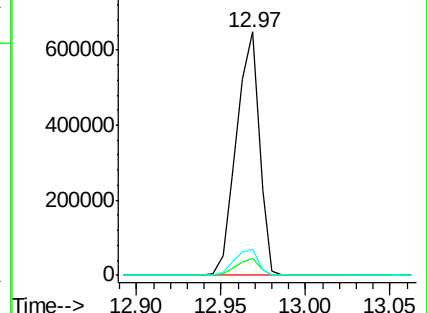
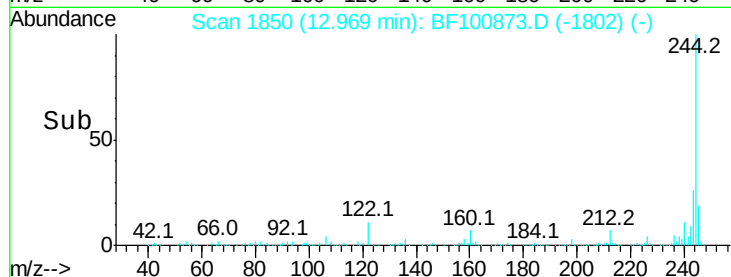
122 10.9 11.0 16.4#



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: 0.034 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF100873.D

Acq: 23 Nov 2017 14:12

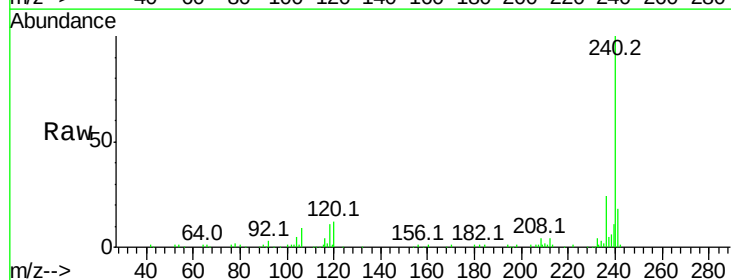
Tgt Ion:228 Resp: 303

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

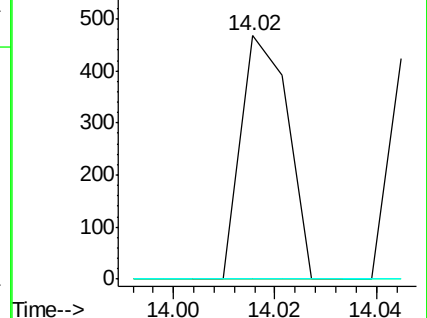
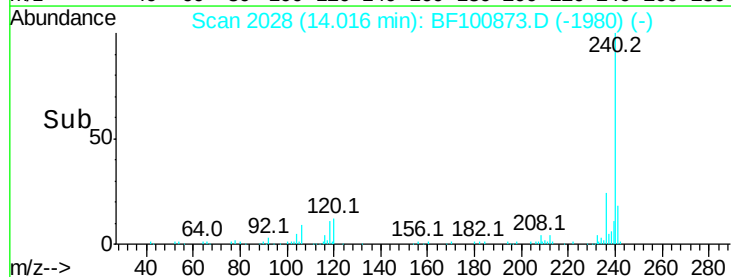
229 0.0 15.8 23.6#

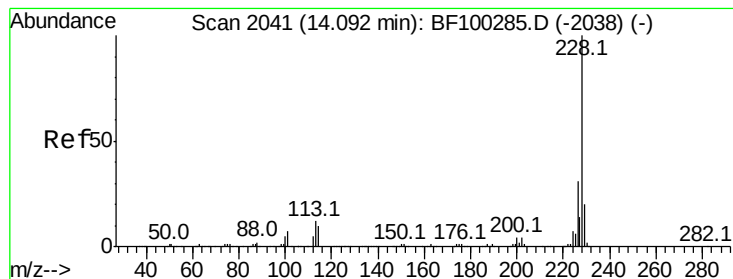


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 0.017 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.03 min

Lab File: BF100873.D

Acq: 23 Nov 2017 14:12

Instrument :

BNA_F

ClientSampleId :

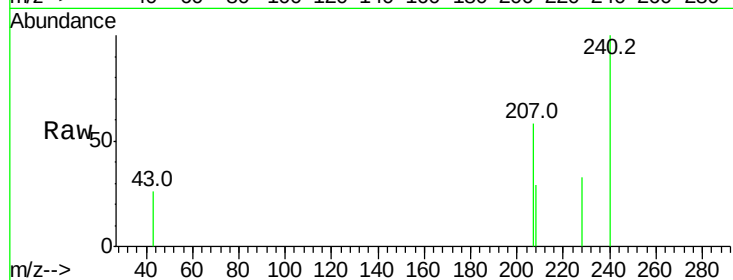
Tot Ion:228 Resp: 150

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

14.04

400

300

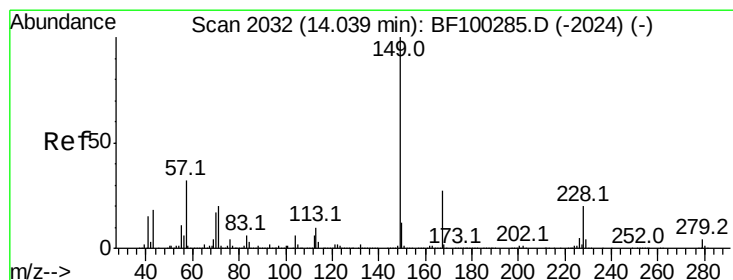
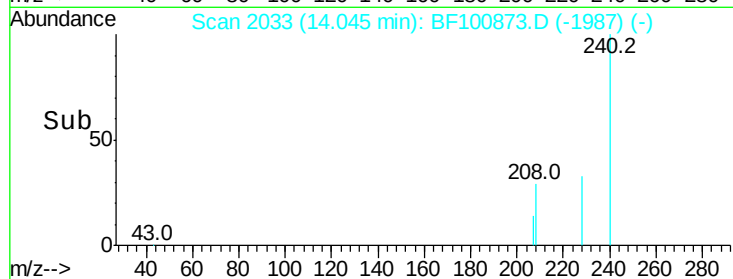
200

100

0

14.04 14.05 14.06

Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.176 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF100873.D

Acq: 23 Nov 2017 14:12

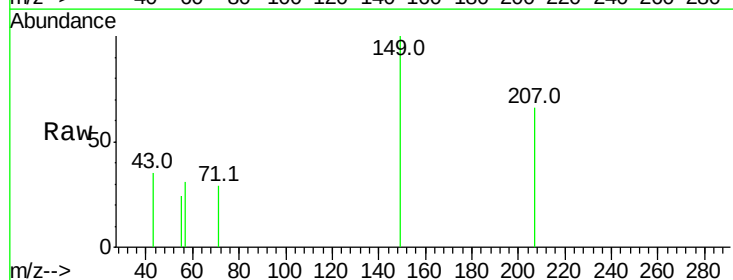
Tgt Ion:149 Resp: 991

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

1500

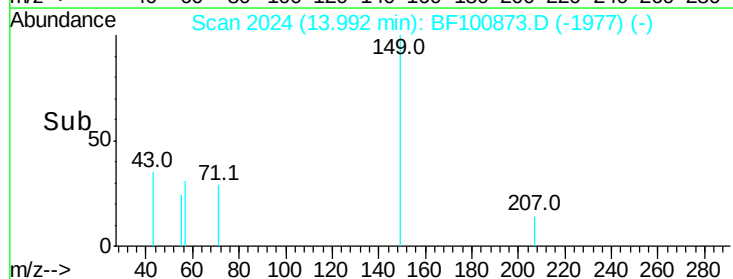
1000

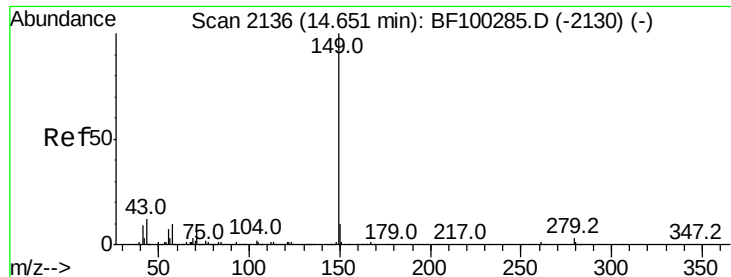
500

0

13.96 13.98 14.00 14.02

Time-->

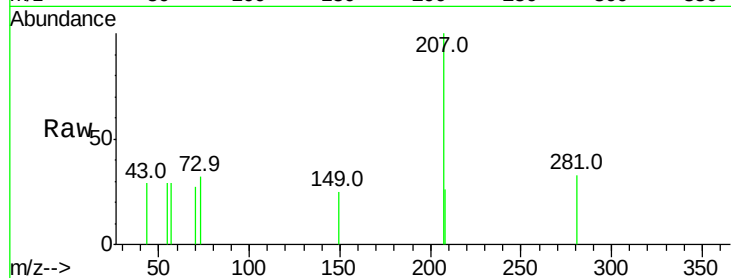




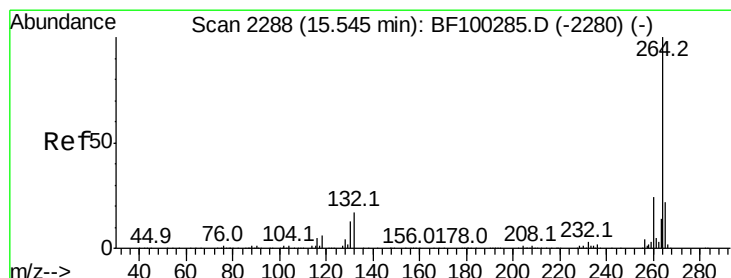
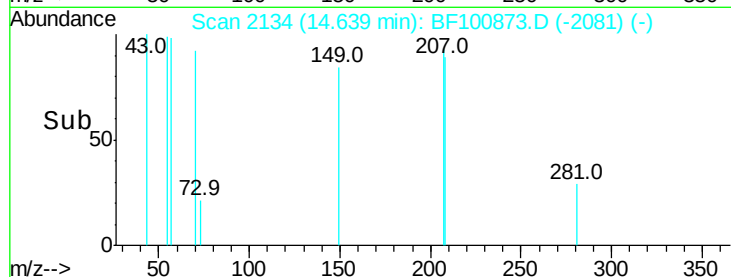
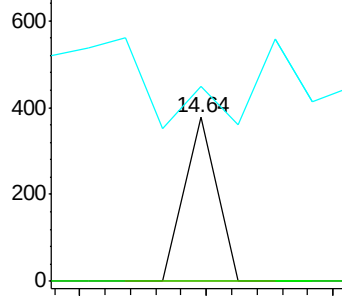
#84
Di-n-octyl phthalate
Concen: 0.014 ng
RT: 14.64 min Scan# 2134
Delta R.T. 0.01 min
Lab File: BF100873.D
Acq: 23 Nov 2017 14:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 133
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 522.6 8.4 12.6#

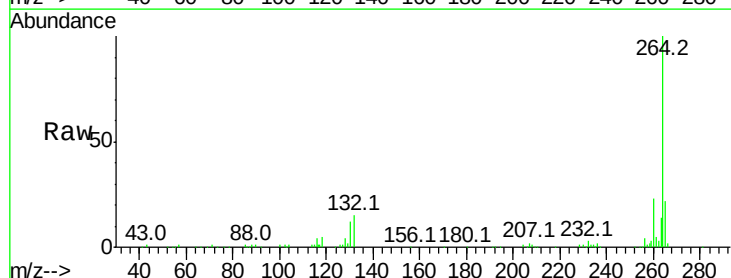


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

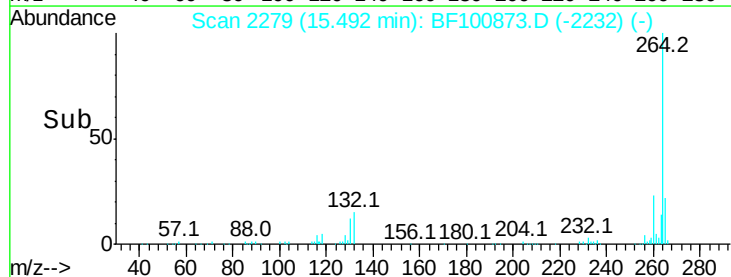
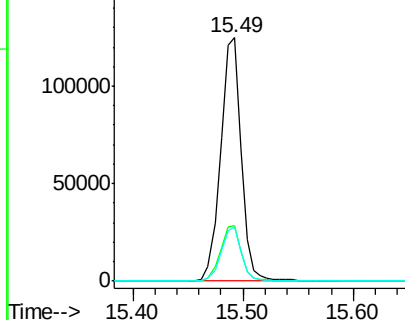


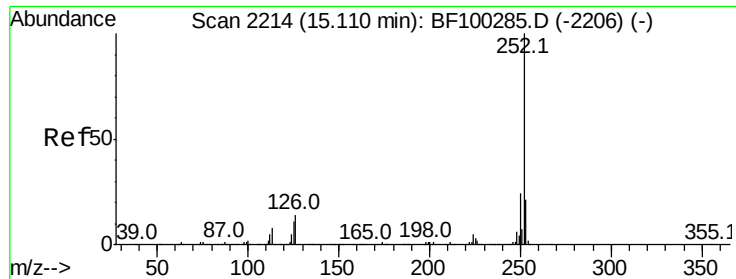
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF100873.D
Acq: 23 Nov 2017 14:12

Tgt Ion:264 Resp: 162925
Ion Ratio Lower Upper
264 100
260 22.8 19.2 28.8
265 22.1 17.5 26.3



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

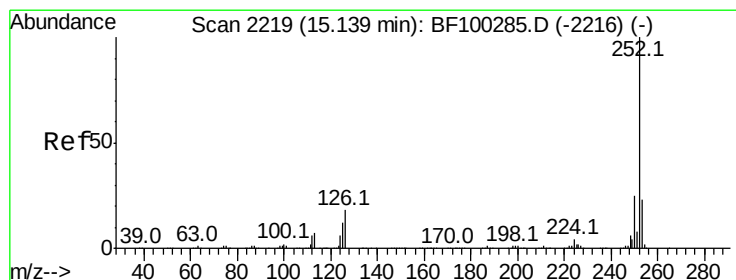
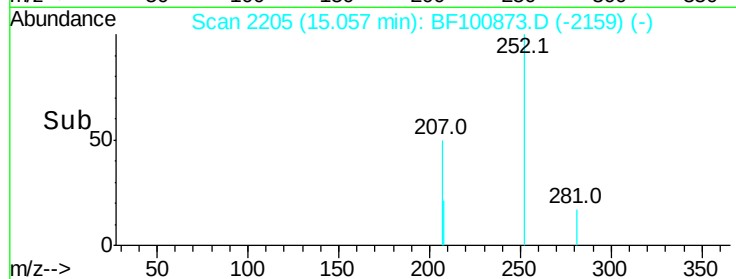
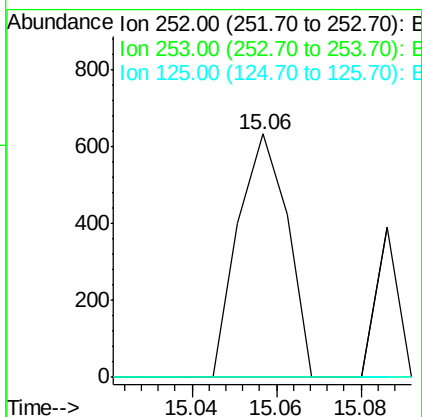
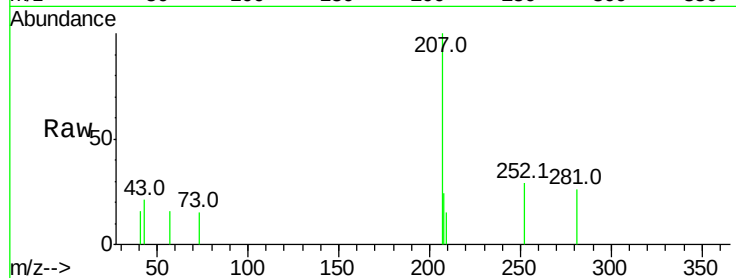




#87
Benzo(b)fluoranthene
Concen: 0.053 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.03 min
Lab File: BF100873.D
Acq: 23 Nov 2017 14:12

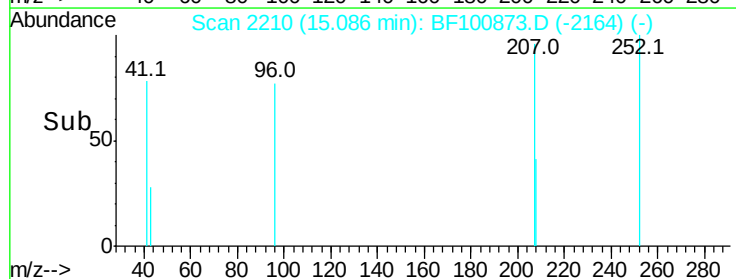
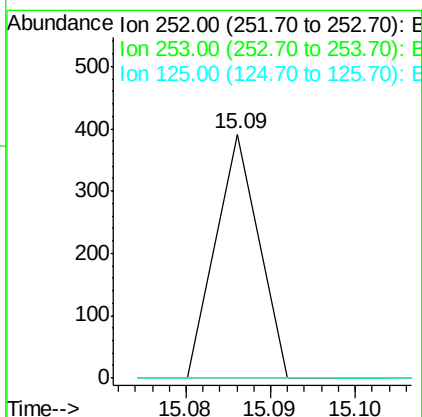
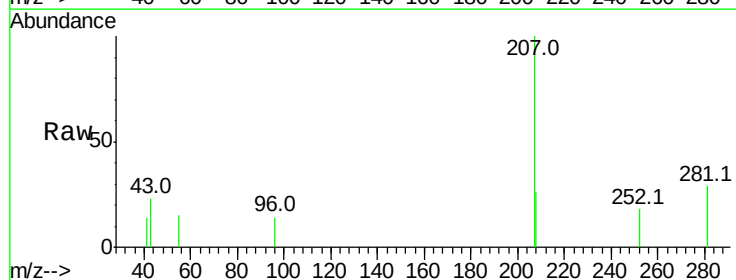
Instrument :
BNA_F
ClientSampled :

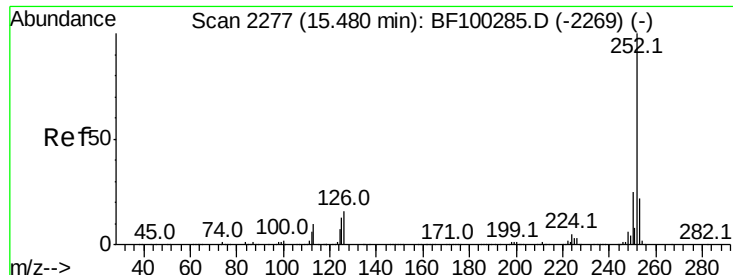
Tot Ion:252 Resp: 514
Ion Ratio Lower Upper
252 100
253 0.0 17.0 25.6#
125 0.0 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 0.015 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.03 min
Lab File: BF100873.D
Acq: 23 Nov 2017 14:12

Tgt Ion:252 Resp: 138
Ion Ratio Lower Upper
252 100
253 0.0 17.9 26.9#
125 0.0 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 0.047 ng

RT: 15.49 min Scan# 2278

Delta R.T. 0.03 min

Lab File: BF100873.D

Acq: 23 Nov 2017 14:12

Instrument :

BNA_F

ClientSampleId :

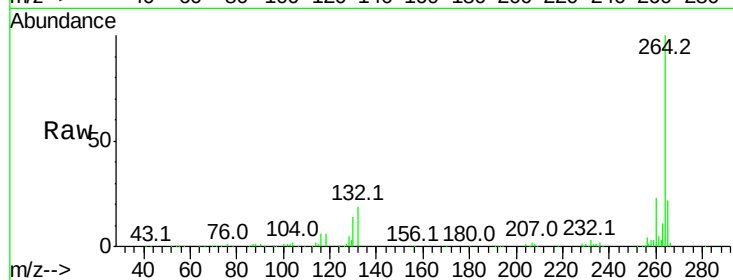
Tot Ion: 252 Resp: 403

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

15.49

400

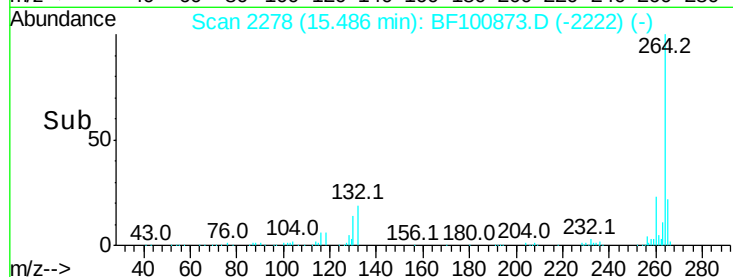
300

200

100

0

15.46 15.48 15.50 15.52



Time-->