

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100872.D
 Acq On : 23 Nov 2017 13:45
 Operator : SJ/JU
 Sample : I6567-04
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

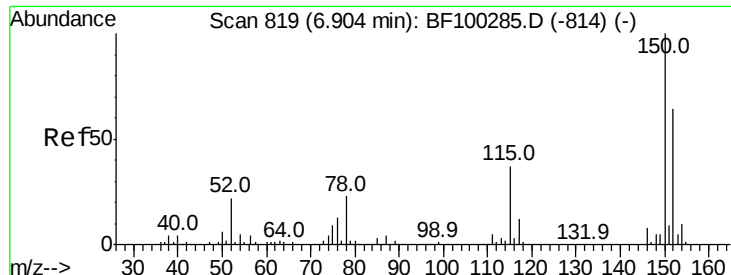
Quant Time: Nov 23 23:54:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	73236	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	287295	20.00	ng	-0.03
38) Acenaphthene-d10	9.89	164	130116	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	227724	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	141308	20.00	ng	-0.02
86) Perylene-d12	15.49	264	156333	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	184980	40.49	ng	-0.02
7) Phenol-d6	6.48	99	137321	24.37	ng	-0.03
23) Nitrobenzene-d5	7.42	82	454507	104.59	ng	-0.03
41) 2,4,6-Tribromophenol	10.68	330	122712	92.55	ng	-0.03
44) 2-Fluorobiphenyl	9.22	172	877673	102.71	ng	-0.02
78) Terphenyl-d14	12.97	244	614282	99.88	ng	-0.02

Target Compounds				Qvalue		
6) Aniline	6.49	93	270	0.034	ng	# 1
9) Benzaldehyde	6.62	77	6654	1.654	ng	86
10) Phenol	6.49	94	15335	2.593	ng	95
11) bis(2-Chloroethyl)ether	6.62	93	344	0.069	ng	# 1
15) Benzyl Alcohol	7.02	79	7333	1.668	ng	# 48
19) n-Nitroso-di-n-propylamine	7.42	70	58704	15.025	ng	# 79
24) Nitrobenzene	7.42	77	1161	0.260	ng	# 34
25) Isophorone	7.42	82	454502	49.772	ng	# 64
45) 1,1'-Biphenyl	9.22	154	1522	0.135	ng	# 1
47) 2-Nitroaniline	9.60	65	148	2.842	ng	# 1
49) Dimethylphthalate	9.60	163	24807	2.497	ng	99
50) 2,6-Dinitrotoluene	9.89	165	16824	8.555	ng	# 24
51) Acenaphthene	9.90	154	339	0.041	ng	# 4
56) 2,4-Dinitrotoluene	9.89	165	16824	6.782	ng	# 21
57) Fluorene	10.68	166	5506	0.652	ng	# 89
59) Diethylphthalate	10.30	149	3239	0.326	ng	# 89
62) Azobenzene	10.68	77	396	0.042	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.68	198	125	8.659	ng	# 1
65) n-Nitrosodiphenylamine	10.68	169	3539	0.447	ng	# 43
66) 4-Bromophenyl-phenylether	10.68	248	7516	3.079	ng	# 1
70) Phenanthrene	11.40	178	351	0.029	ng	# 59
71) Anthracene	11.40	178	351	0.029	ng	# 60
73) Di-n-butylphthalate	11.93	149	2005	0.153	ng	# 78
76) Benzidine	12.97	184	7315	1.293	ng	# 93
77) Pyrene	12.97	202	1945	0.193	ng	# 66
80) Benzo(a)anthracene	14.02	228	336	0.039	ng	# 51
82) Chrysene	14.02	228	336	0.041	ng	# 48
83) Bis(2-ethylhexyl)phthalate	13.99	149	389	0.072	ng	# 53
87) Benzo(b)fluoranthene	15.06	252	543	0.059	ng	# 60
88) Benzo(k)fluoranthene	15.08	252	366	0.042	ng	# 59
89) Benzo(a)pyrene	15.49	252	363	0.044	ng	# 60

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

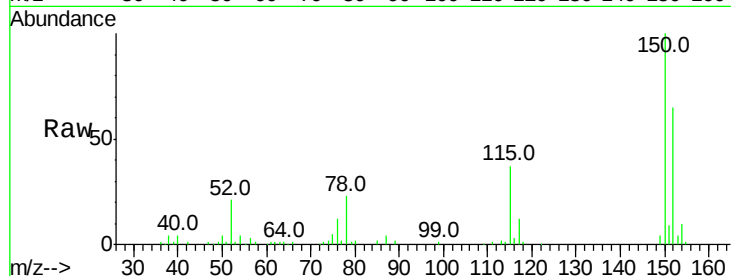


#1

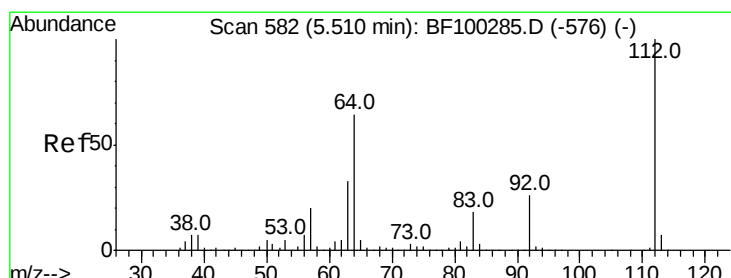
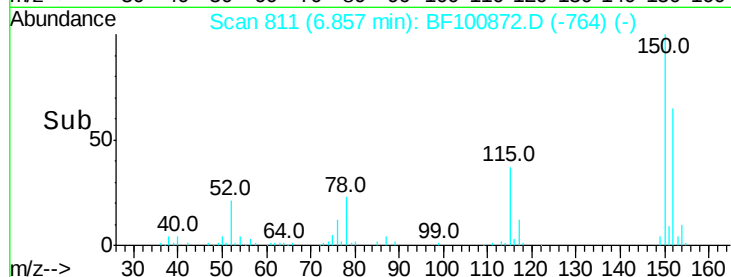
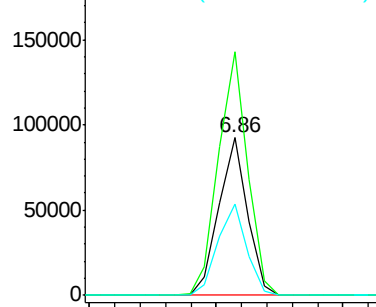
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100872.D
Acq: 23 Nov 2017 13:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 73236
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 57.8 50.1 75.1



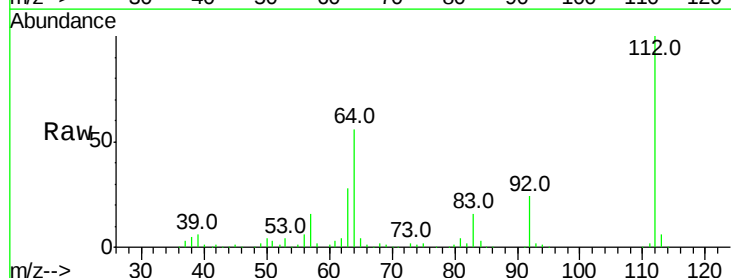
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



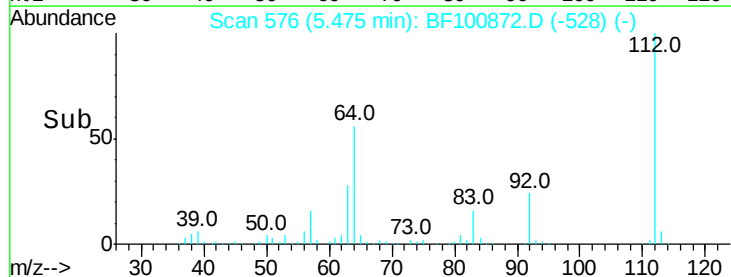
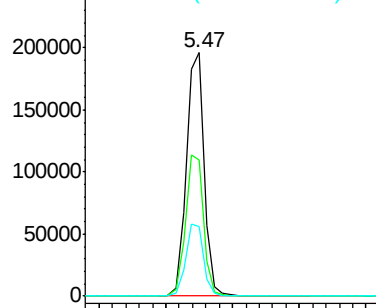
#5

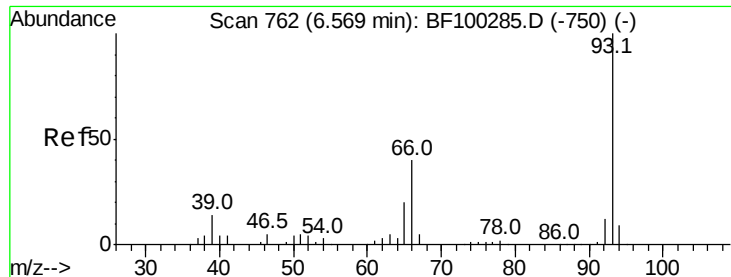
2-Fluorophenol
Concen: 40.488 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.02 min
Lab File: BF100872.D
Acq: 23 Nov 2017 13:45

Tgt Ion:112 Resp: 184980
Ion Ratio Lower Upper
112 100
64 55.8 47.9 71.9
63 28.4 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: 0.034 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.06 min

Lab File: BF100872.D

Acq: 23 Nov 2017 13:45

Instrument :

BNA_F

ClientSampleId :

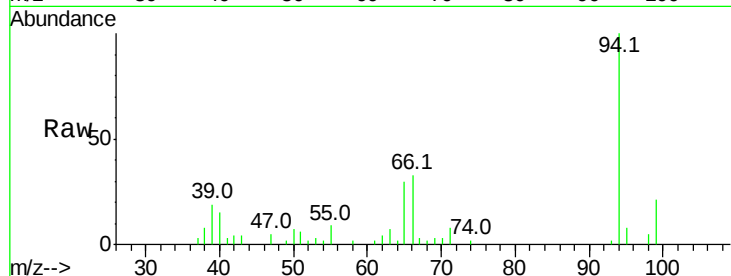
Tot Ion: 93 Resp: 270

Ion Ratio Lower Upper

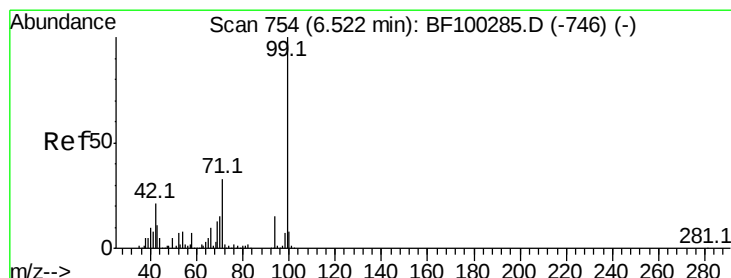
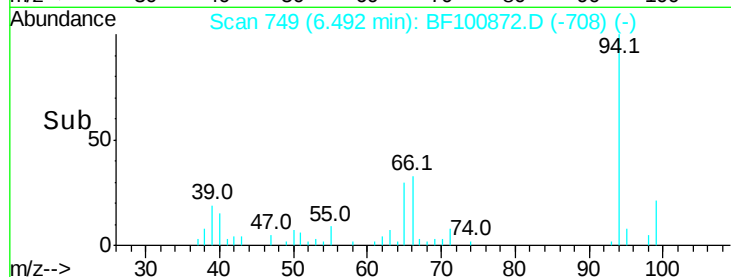
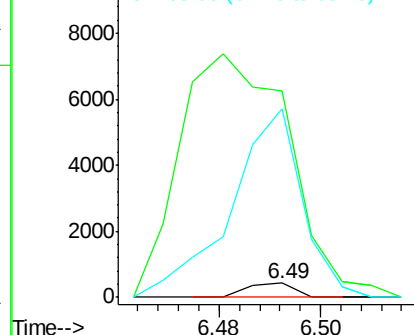
93 100

66 1478.7 32.2 48.2#

65 1348.5 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: 24.374 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF100872.D

Acq: 23 Nov 2017 13:45

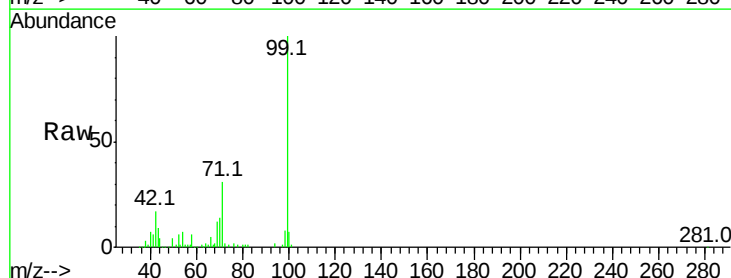
Tgt Ion: 99 Resp: 137321

Ion Ratio Lower Upper

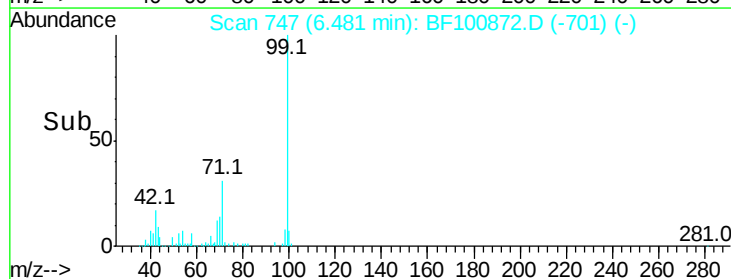
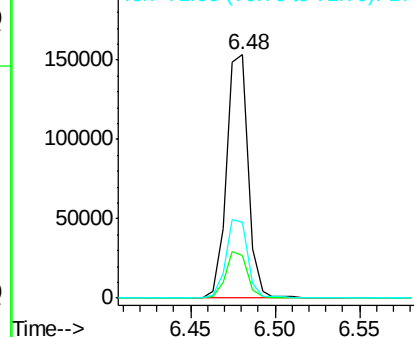
99 100

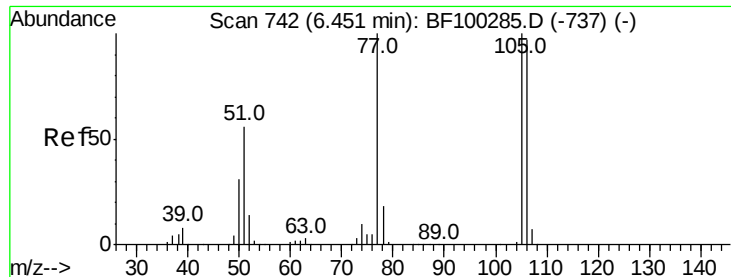
42 17.3 14.5 21.7

71 31.3 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: 1.654 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.19 min

Lab File: BF100872.D

Acq: 23 Nov 2017 13:45

Instrument :

BNA_F

ClientSampleId :

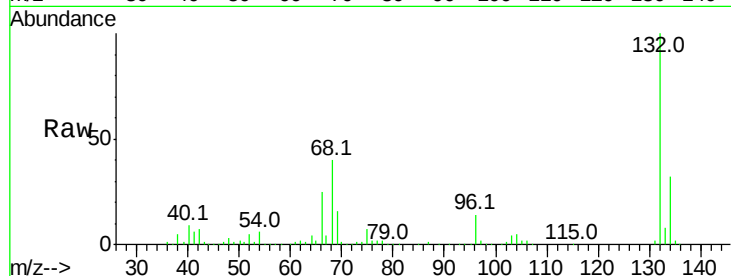
Tot Ion: 77 Resp: 6654

Ion Ratio Lower Upper

77 100

105 90.0 81.1 121.1

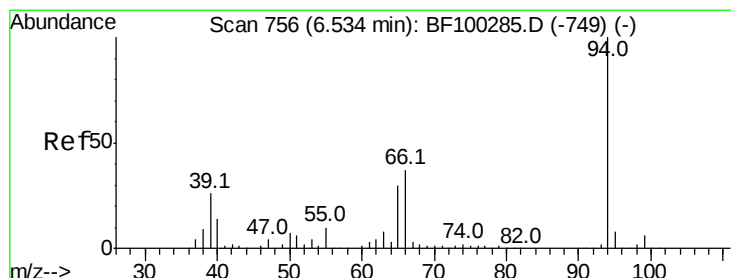
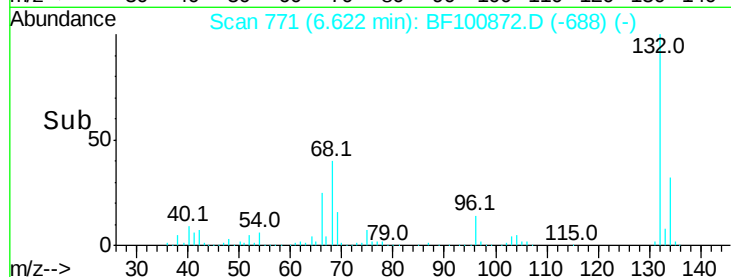
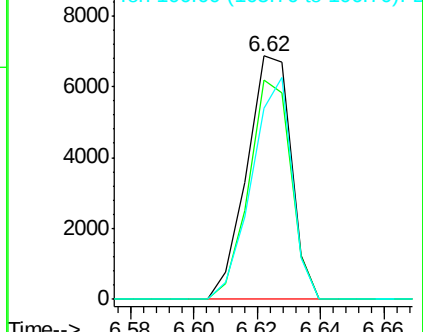
106 78.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 2.593 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF100872.D

Acq: 23 Nov 2017 13:45

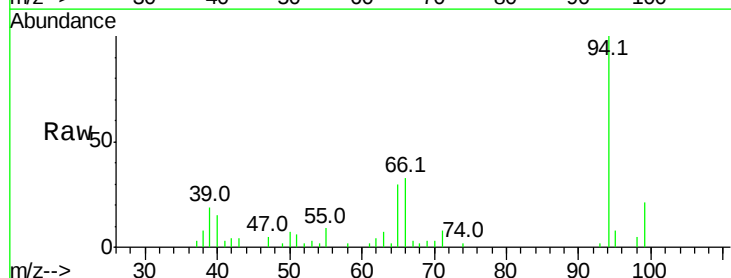
Tgt Ion: 94 Resp: 15335

Ion Ratio Lower Upper

94 100

65 30.2 7.9 47.9

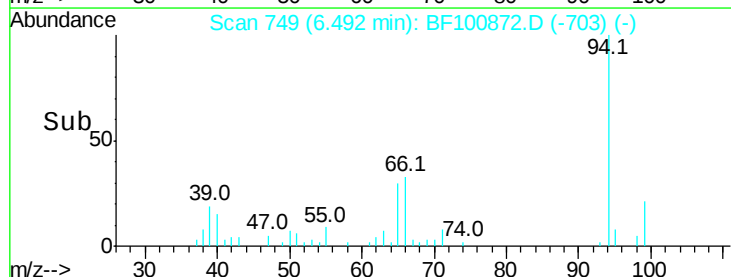
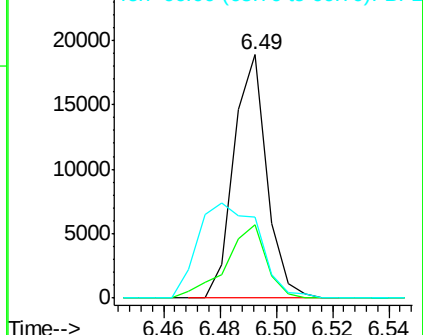
66 33.1 16.2 56.2

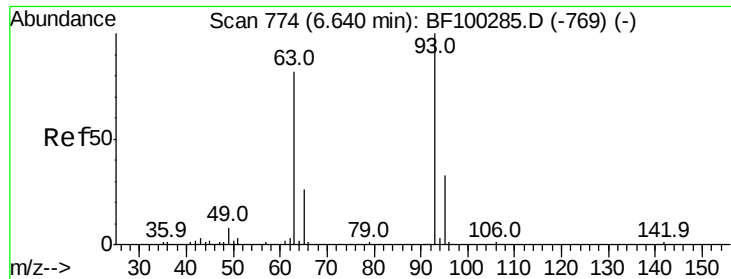


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 0.069 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF100872.D

Acq: 23 Nov 2017 13:45

Instrument :

BNA_F

ClientSampleId :

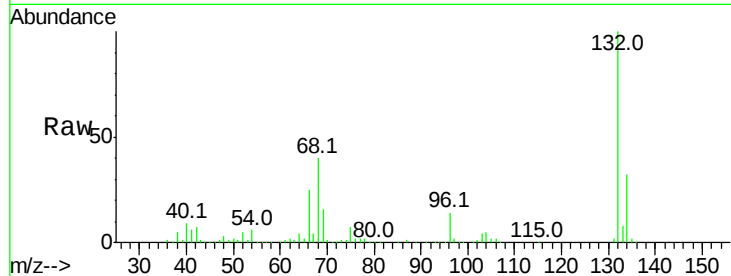
Tot Ion: 93 Resp: 344

Ion Ratio Lower Upper

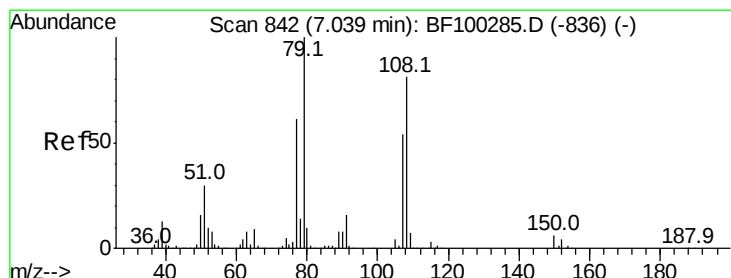
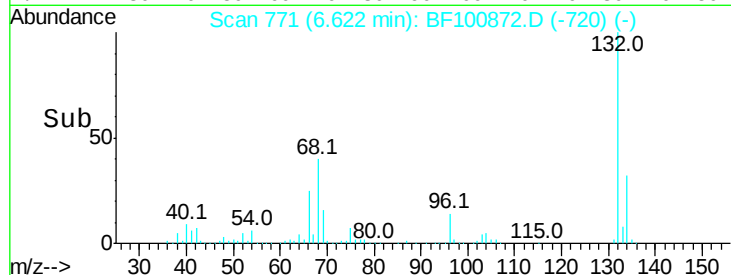
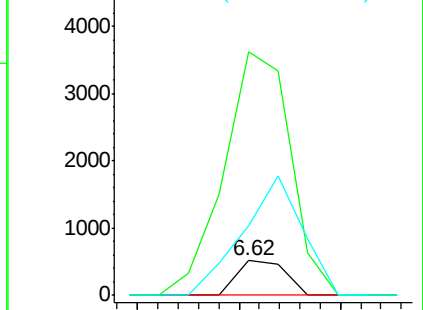
93 100

63 702.1 58.6 98.6#

95 199.8 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: 1.668 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF100872.D

Acq: 23 Nov 2017 13:45

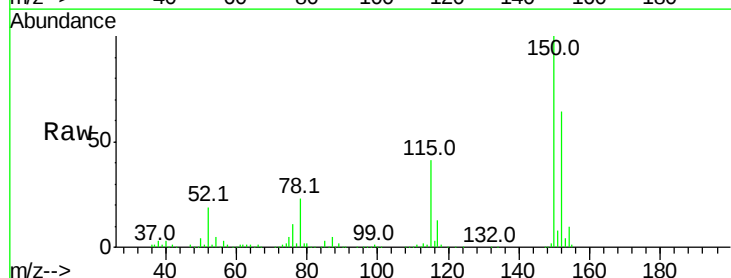
Tgt Ion: 79 Resp: 7333

Ion Ratio Lower Upper

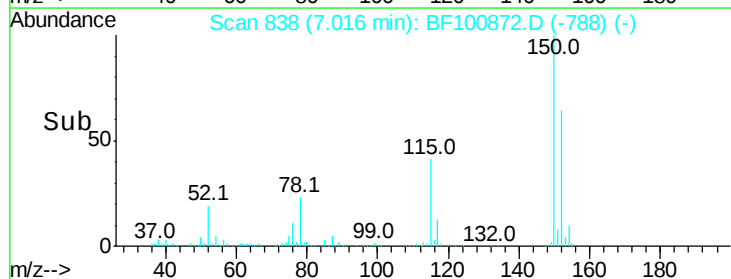
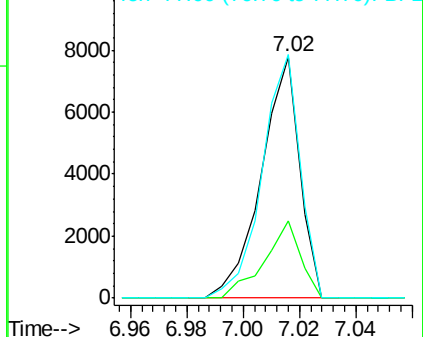
79 100

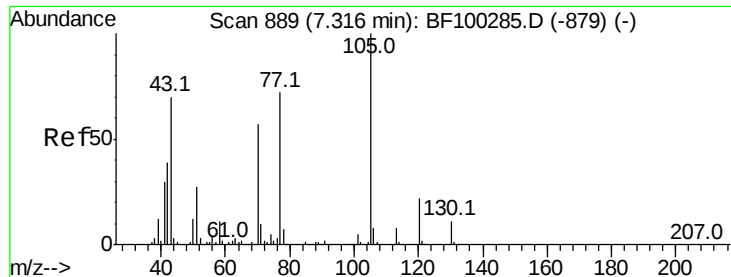
108 32.1 65.1 97.7#

77 100.8 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

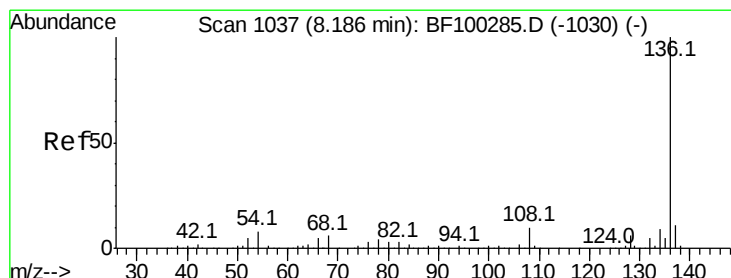
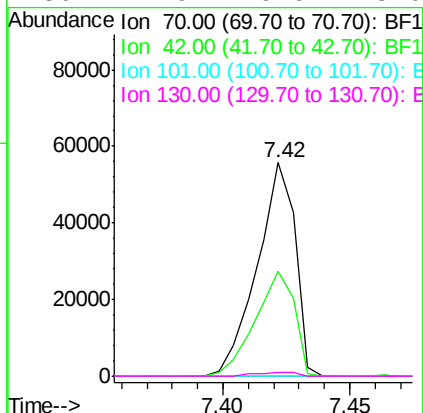
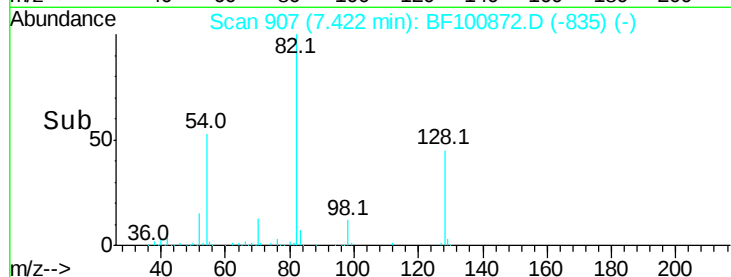
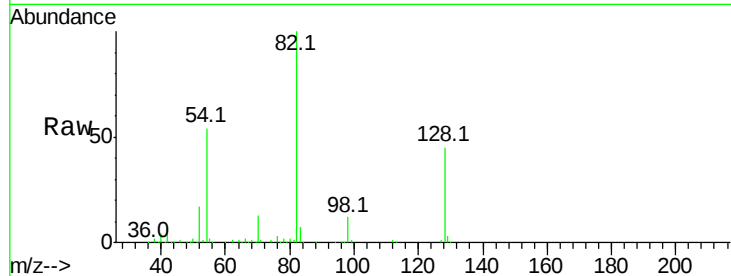




#19
n-Nitroso-di-n-propylamine
Concen: 15.025 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.12 min
Lab File: BF100872.D
Acq: 23 Nov 2017 13:45

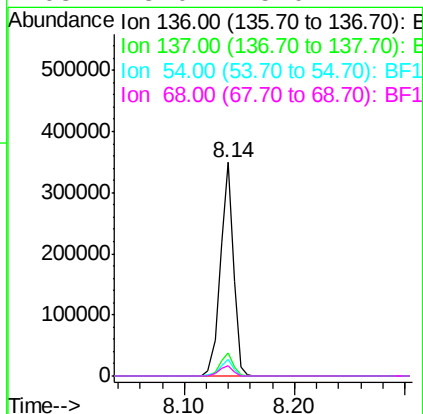
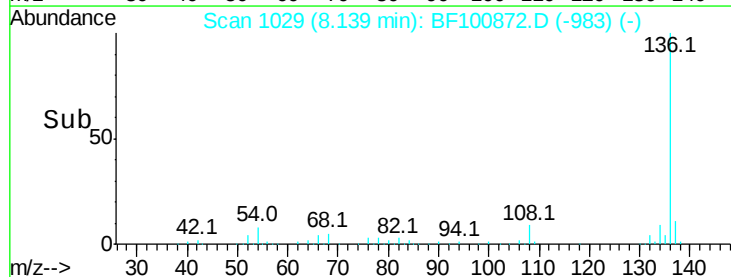
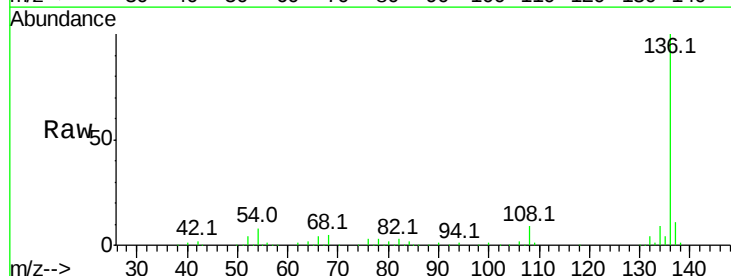
Instrument :
BNA_F
ClientSampleId :

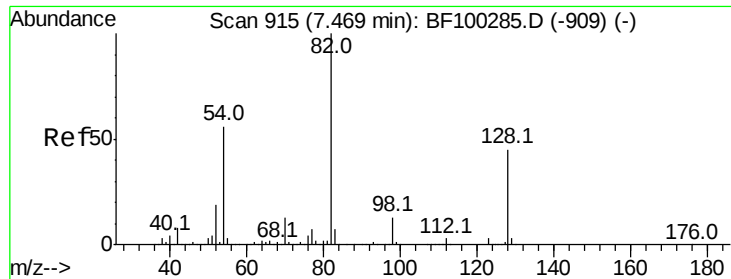
Tot Ion: 70 Resp: 58704
Ion Ratio Lower Upper
70 100
42 49.3 47.5 71.3
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BF100872.D
Acq: 23 Nov 2017 13:45

Tgt Ion:136 Resp: 287295
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 7.8 6.6 9.8
68 5.0 5.0 7.4

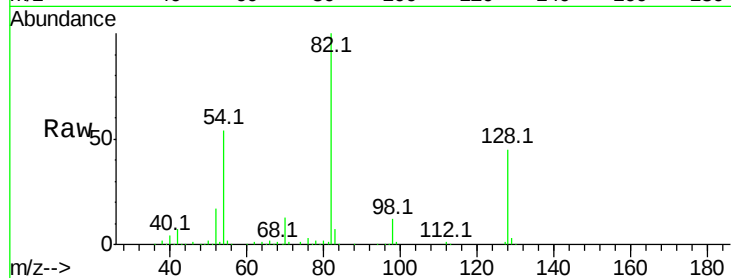




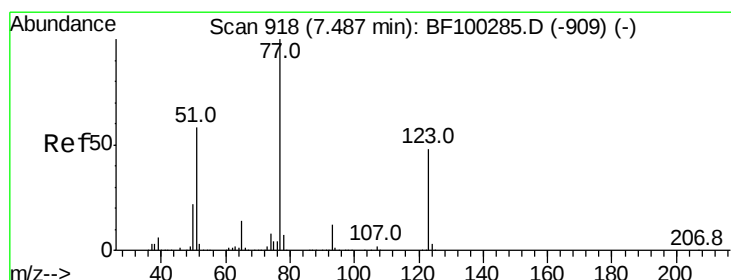
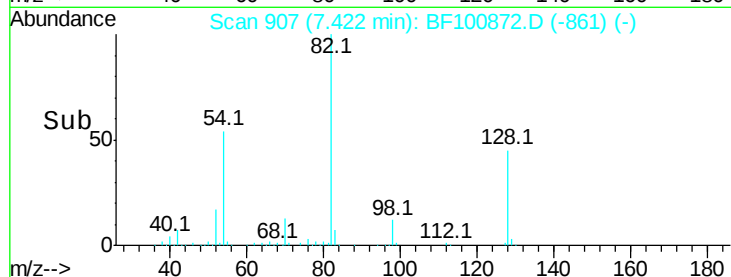
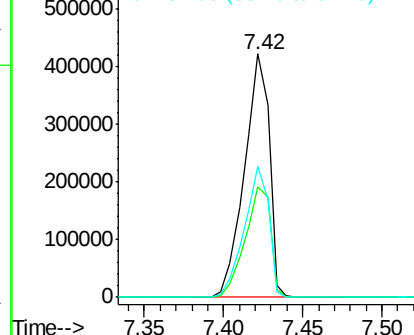
#23
Nitrobenzene-d5
Concen: 104.593 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.03 min
Lab File: BF100872.D
Acq: 23 Nov 2017 13:45

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 454507
Ion Ratio Lower Upper
82 100
128 45.5 36.1 54.1
54 53.6 41.4 62.2

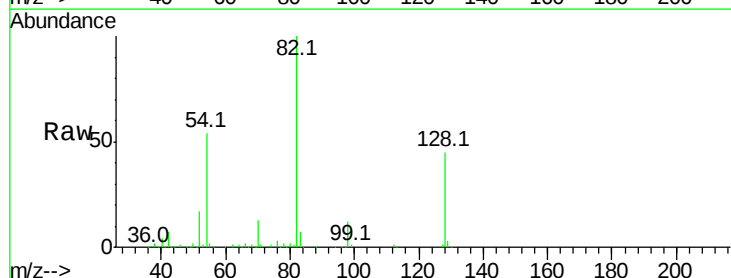


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

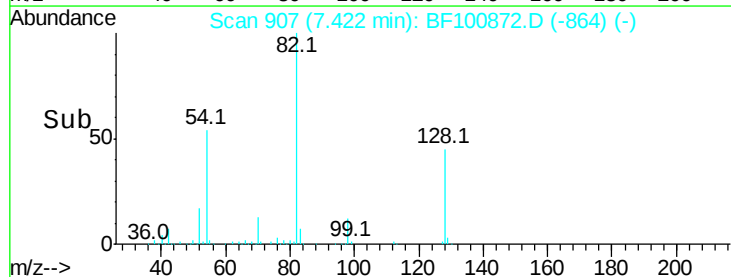
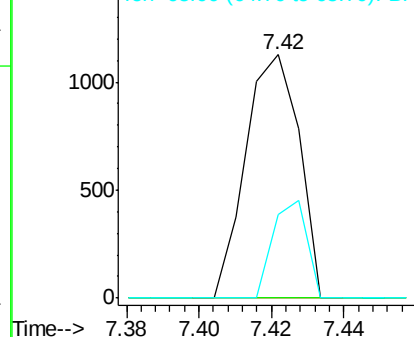


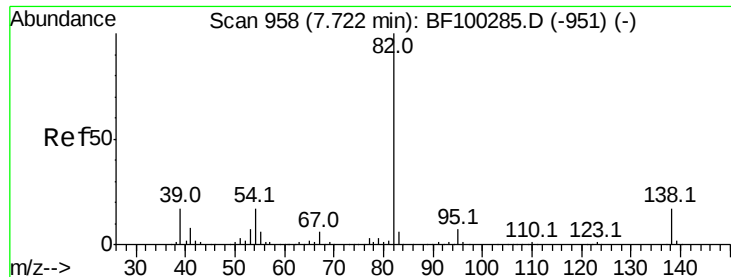
#24
Nitrobenzene
Concen: 0.260 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.05 min
Lab File: BF100872.D
Acq: 23 Nov 2017 13:45

Tgt Ion: 77 Resp: 1161
Ion Ratio Lower Upper
77 100
123 0.0 37.9 56.9#
65 34.4 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: 49.772 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.28 min

Lab File: BF100872.D

Acq: 23 Nov 2017 13:45

Instrument :

BNA_F

ClientSampleId :

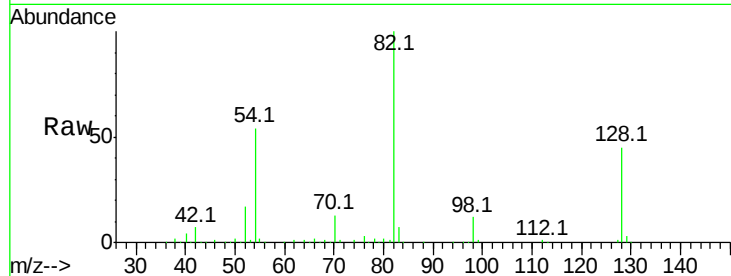
Tot Ion: 82 Resp: 454502

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

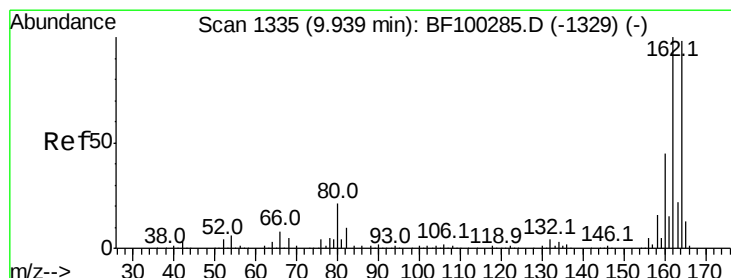
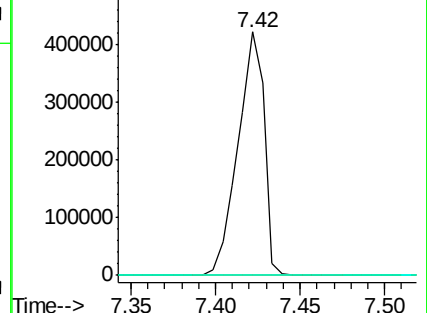
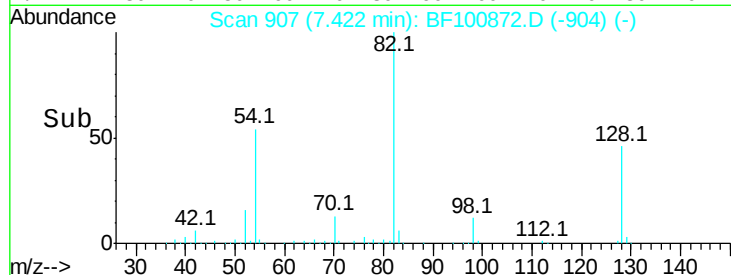
138 0.0 14.9 22.3#



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: BF100872.D

Acq: 23 Nov 2017 13:45

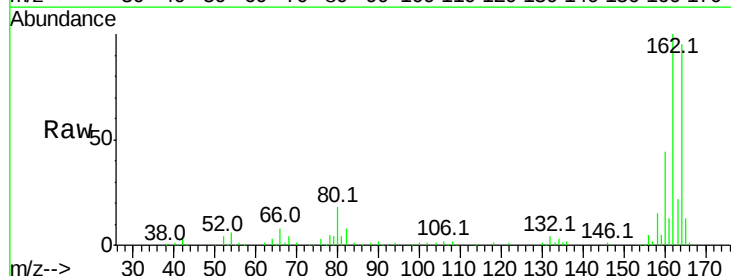
Tgt Ion:164 Resp: 130116

Ion Ratio Lower Upper

164 100

162 105.5 86.1 129.1

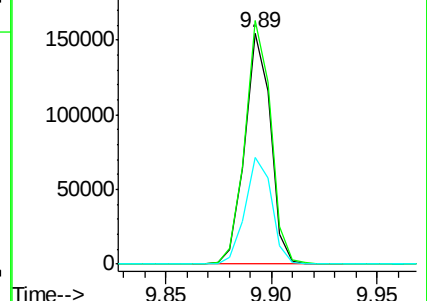
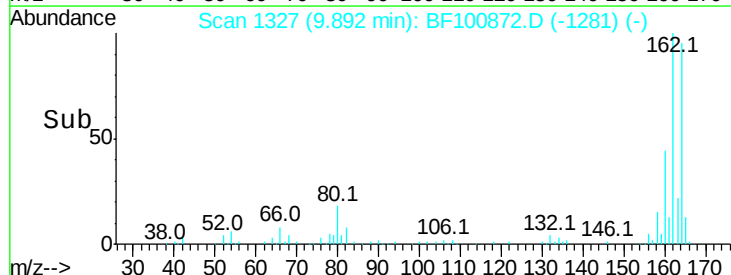
160 46.1 38.3 57.5

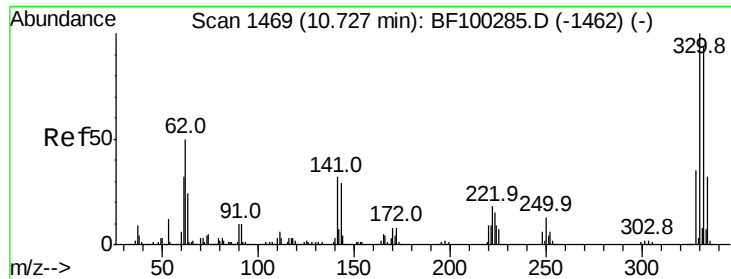


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

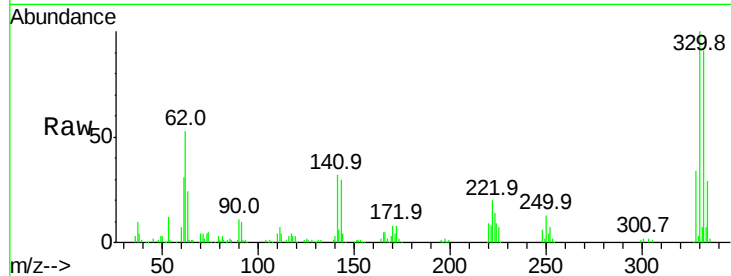




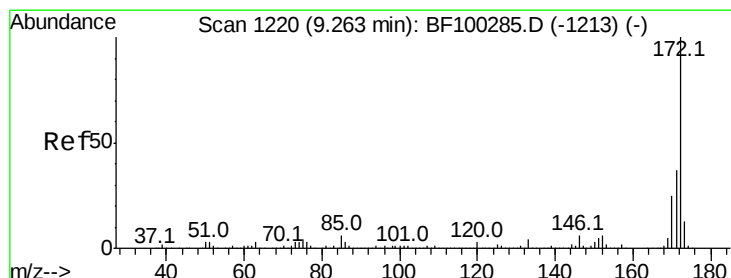
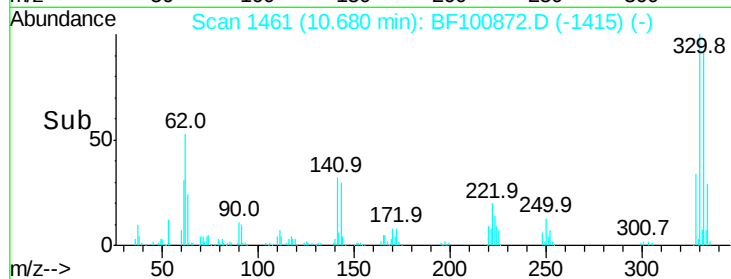
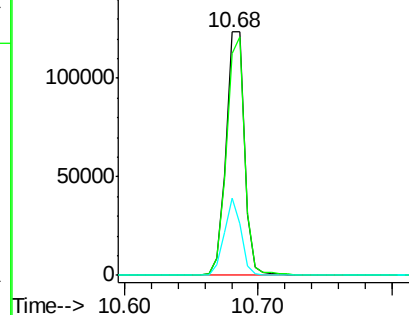
#41
 2,4,6-Tribromophenol
 Concen: 92.551 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.03 min
 Lab File: BF100872.D
 Acq: 23 Nov 2017 13:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	28.6	29.9	44.9#

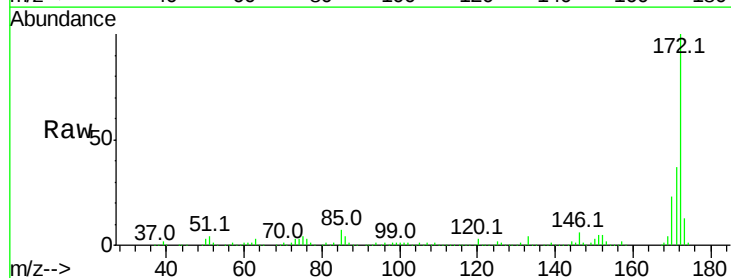


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

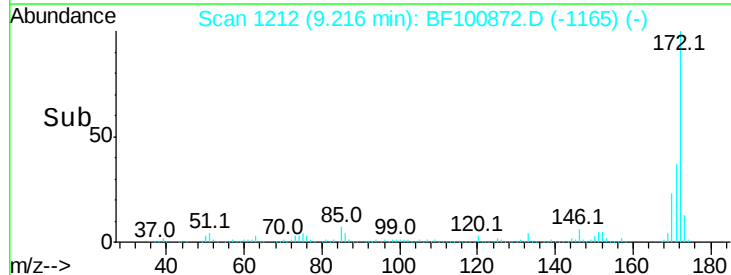
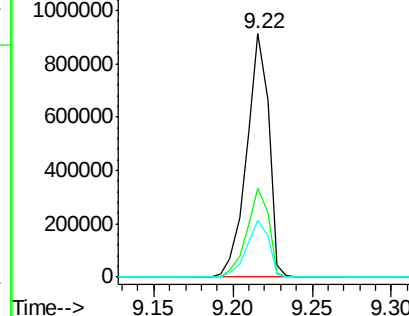


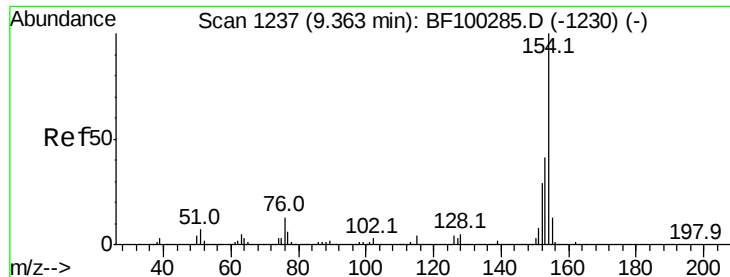
#44
 2-Fluorobiphenyl
 Concen: 102.712 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF100872.D
 Acq: 23 Nov 2017 13:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	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: BF100872.D

Acq: 23 Nov 2017 13:45

Instrument :

BNA_F

ClientSampleId :

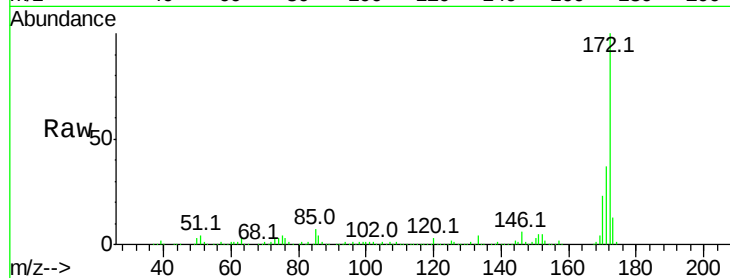
Tot Ion:154 Resp: 1522

Ion Ratio Lower Upper

154 100

153 824.0 21.3 61.3#

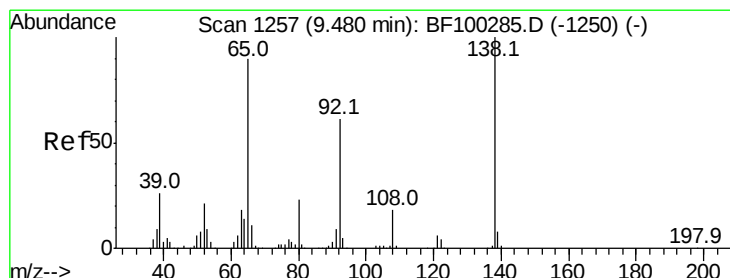
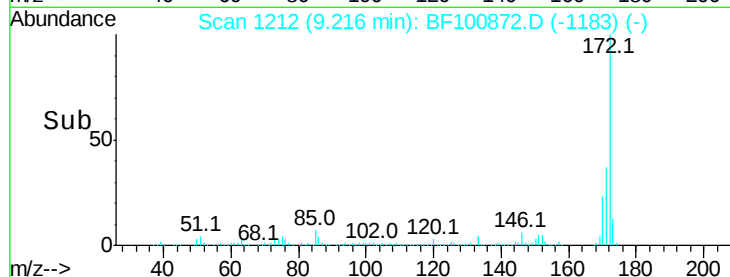
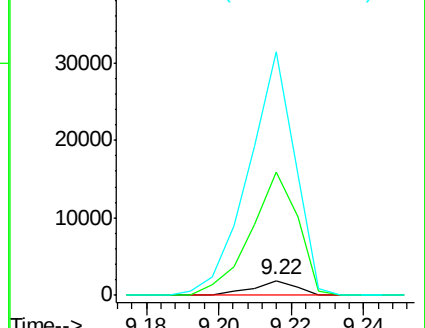
76 1630.3 0.0 34.0#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#47

2-Nitroaniline

Concen: 2.842 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.14 min

Lab File: BF100872.D

Acq: 23 Nov 2017 13:45

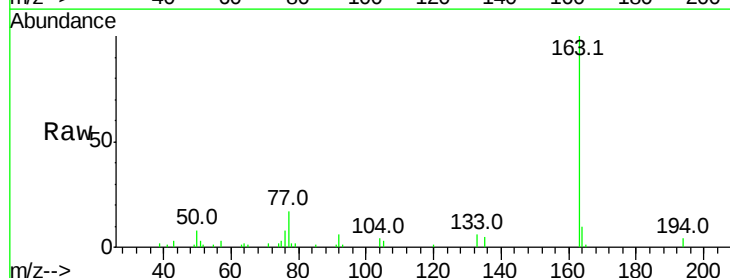
Tgt Ion: 65 Resp: 148

Ion Ratio Lower Upper

65 100

92 466.4 55.8 83.6#

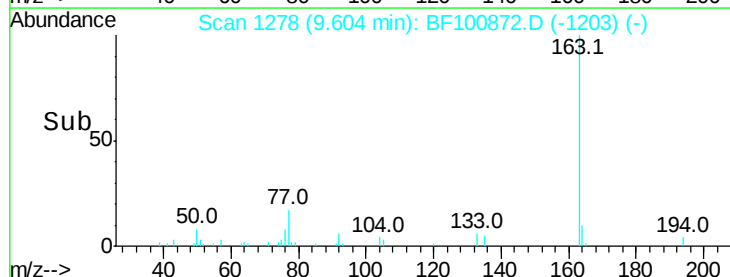
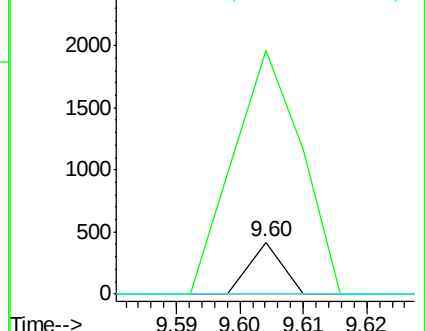
138 0.0 91.2 136.8#

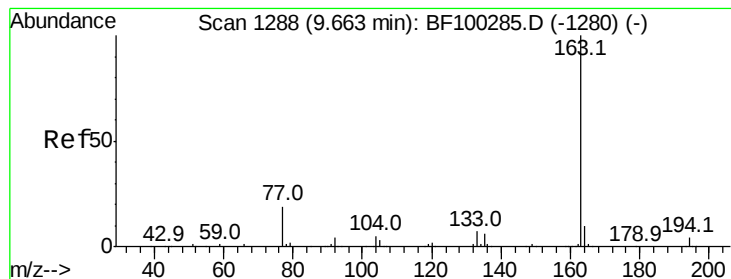


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Dimethylphthalate

Concen: 2.497 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.04 min

Lab File: BF100872.D

Acq: 23 Nov 2017 13:45

Instrument :

BNA_F

ClientSampleId :

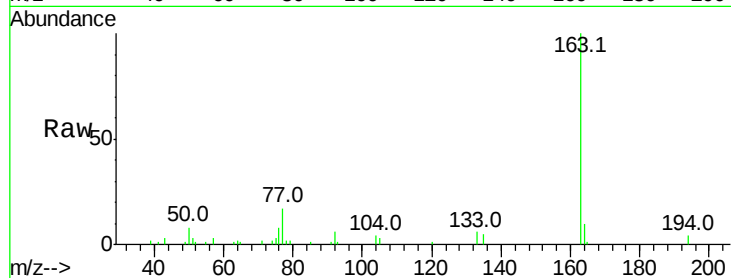
Tot Ion:163 Resp: 24807

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

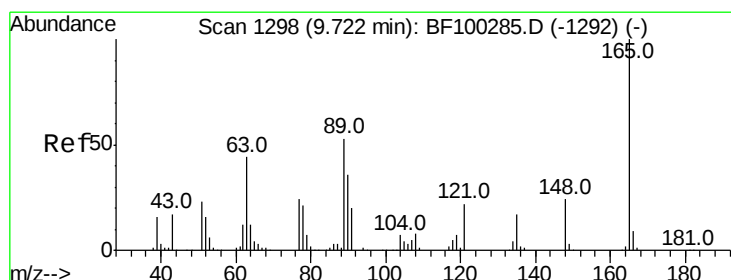
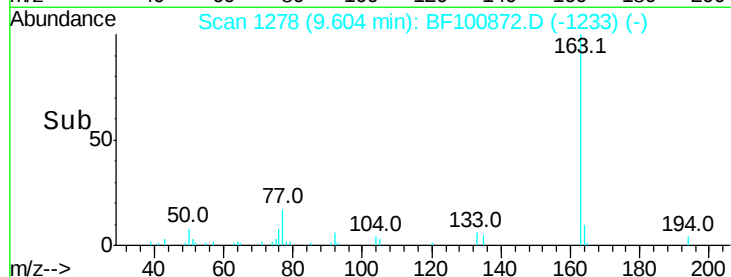
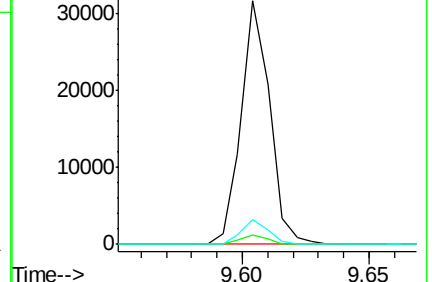
164 10.0 8.2 12.2



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: 8.555 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.19 min

Lab File: BF100872.D

Acq: 23 Nov 2017 13:45

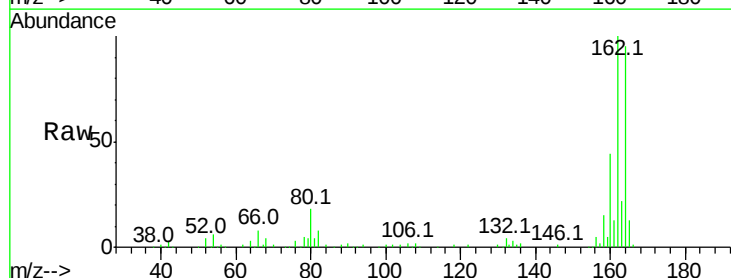
Tgt Ion:165 Resp: 16824

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

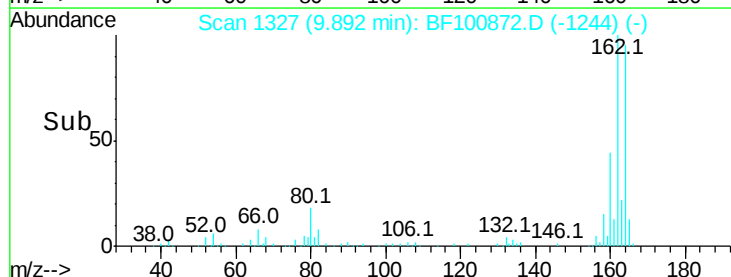
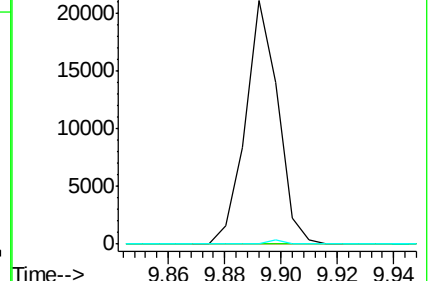
89 0.0 44.0 66.0#

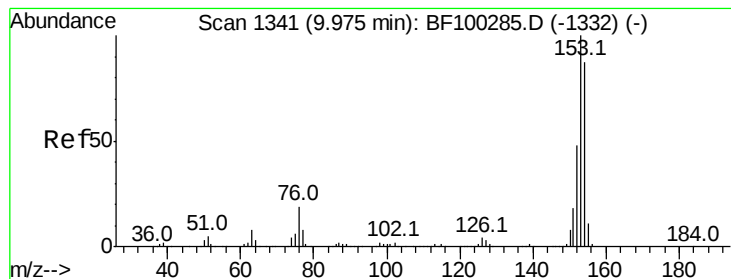


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 0.041 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.06 min

Lab File: BF100872.D

Acq: 23 Nov 2017 13:45

Instrument :

BNA_F

ClientSampleId :

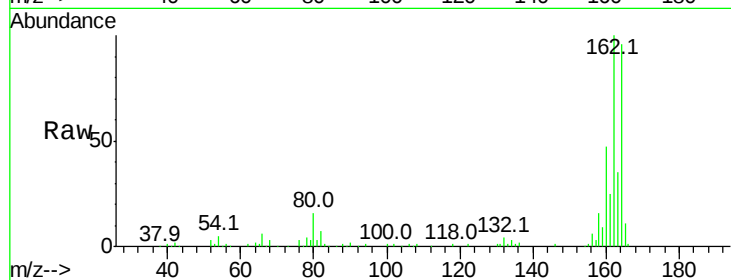
Tot Ion:154 Resp: 339

Ion Ratio Lower Upper

154 100

153 0.0 91.2 136.8#

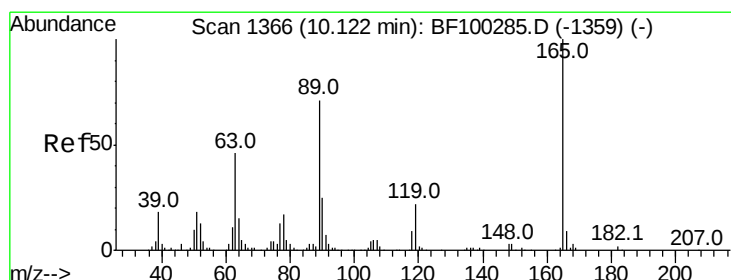
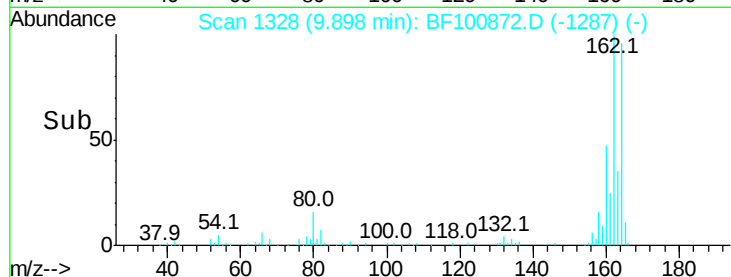
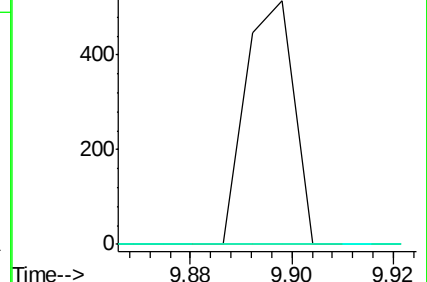
152 0.0 43.8 65.8#



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: 6.782 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.22 min

Lab File: BF100872.D

Acq: 23 Nov 2017 13:45

Tgt Ion:165 Resp: 16824

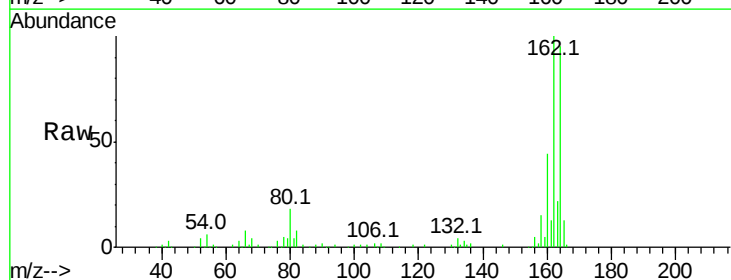
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

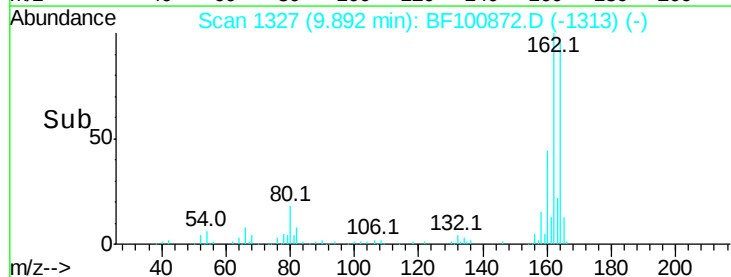
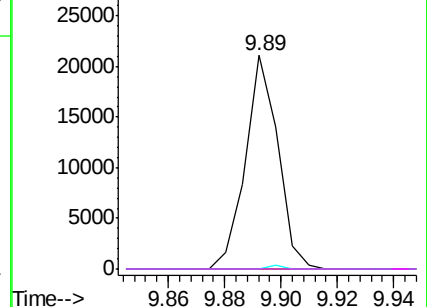


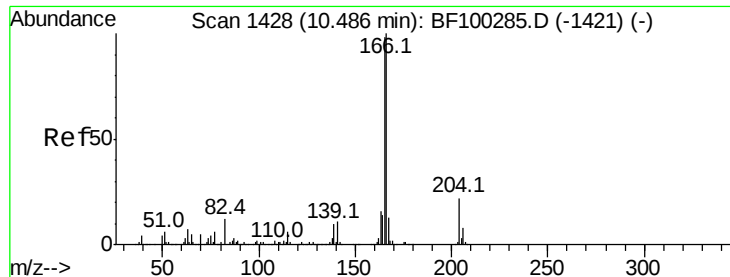
Abundance Ion 165.00 (164.70 to 165.70): E

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

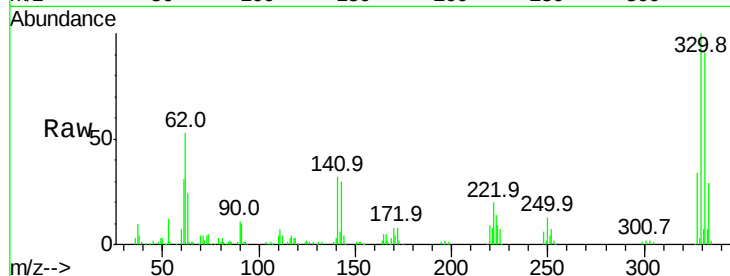




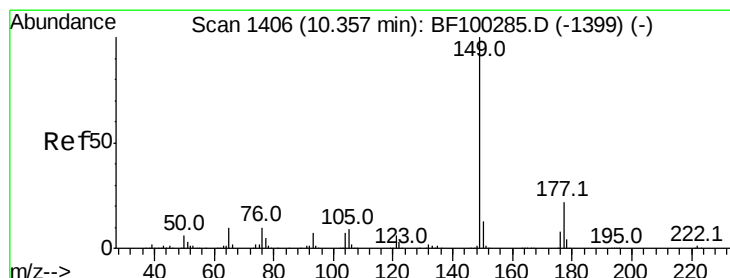
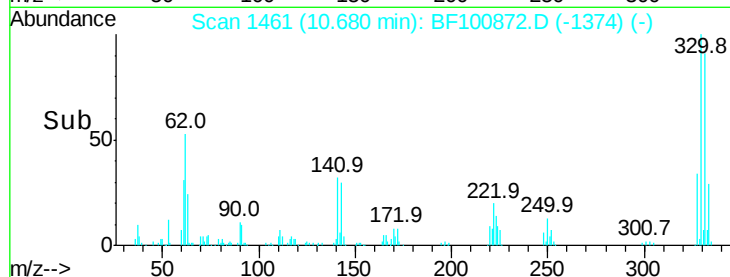
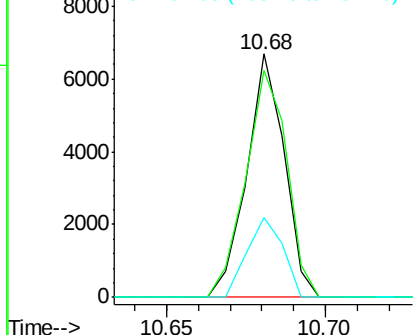
#57
Fluorene
Concen: 0.652 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.21 min
Lab File: BF100872.D
Acq: 23 Nov 2017 13:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:166 Resp: 5506
Ion Ratio Lower Upper
166 100
165 93.2 79.8 119.8
167 32.6 10.6 16.0#

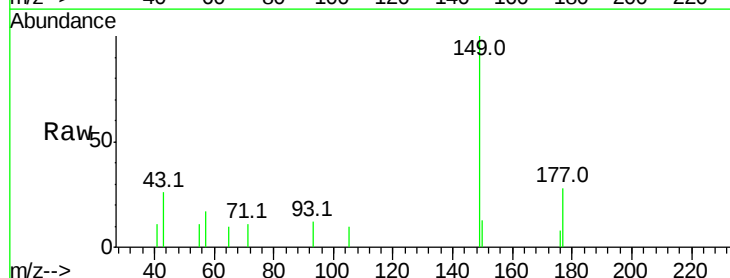


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

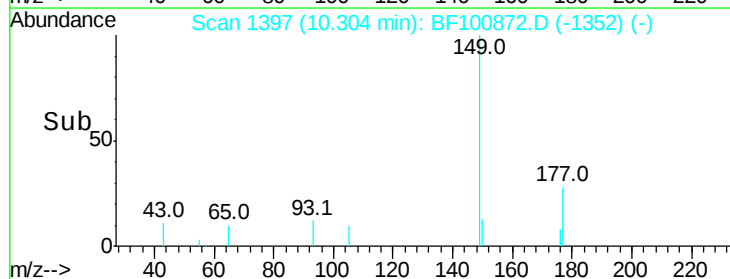
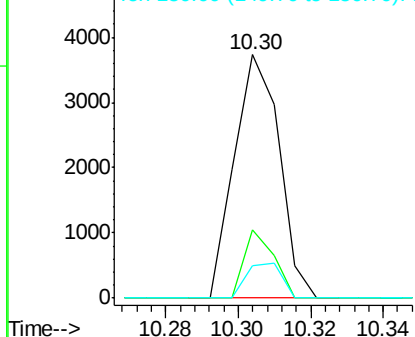


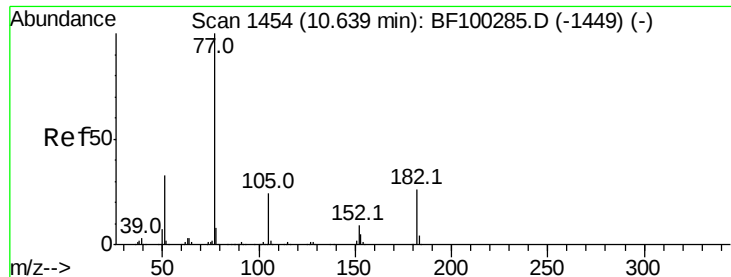
#59
Diethylphthalate
Concen: 0.326 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.04 min
Lab File: BF100872.D
Acq: 23 Nov 2017 13:45

Tgt Ion:149 Resp: 3239
Ion Ratio Lower Upper
149 100
177 28.0 16.1 24.1#
150 13.3 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: 0.042 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.06 min

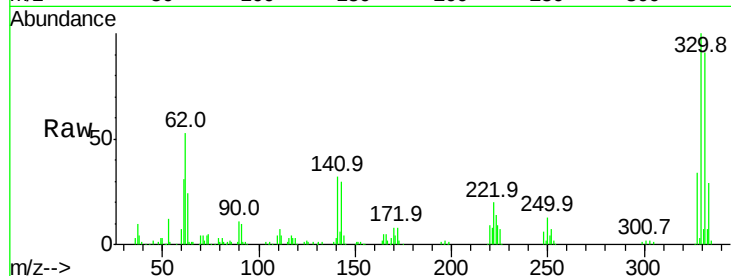
Lab File: BF100872.D

Acq: 23 Nov 2017 13:45

Instrument :

BNA_F

ClientSampled :



Tot Ion: 77 Resp: 396

Ion Ratio Lower Upper

77 100

182 0.0 1.7 41.7#

105 138.3 3.0 43.0#

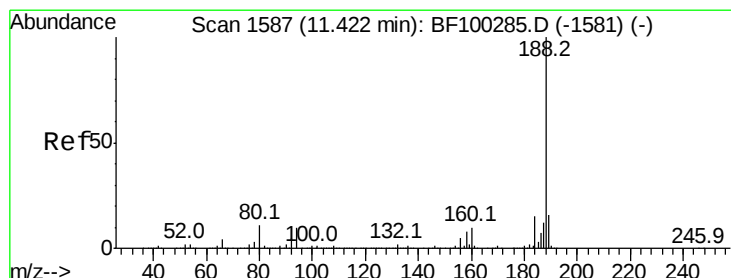
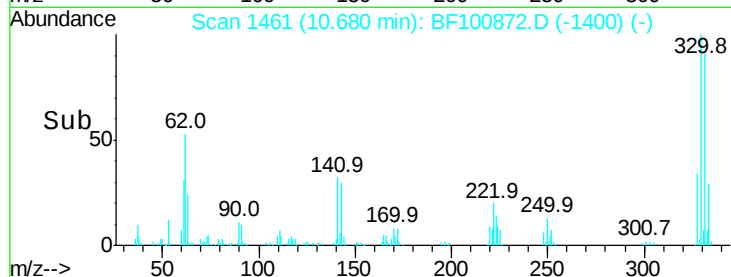
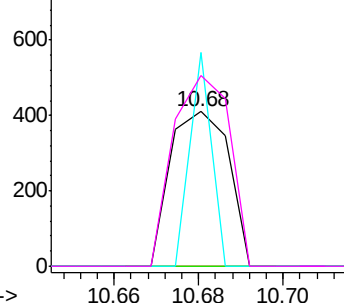
51 123.2 9.9 49.9#

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: BF100872.D

Acq: 23 Nov 2017 13:45

Tgt Ion: 188 Resp: 227724

Ion Ratio Lower Upper

188 100

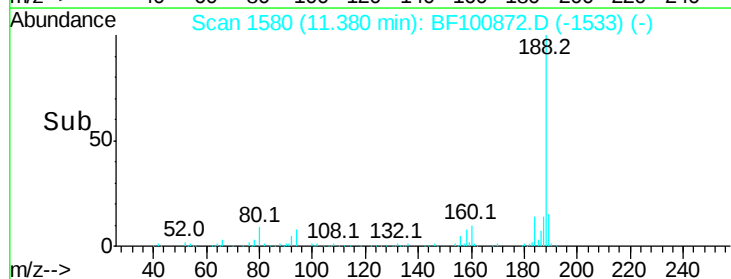
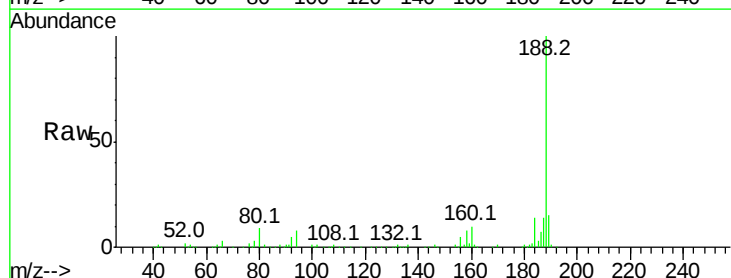
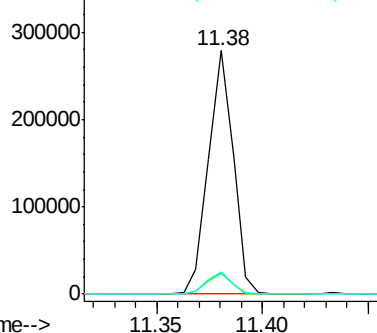
94 8.5 8.5 12.7#

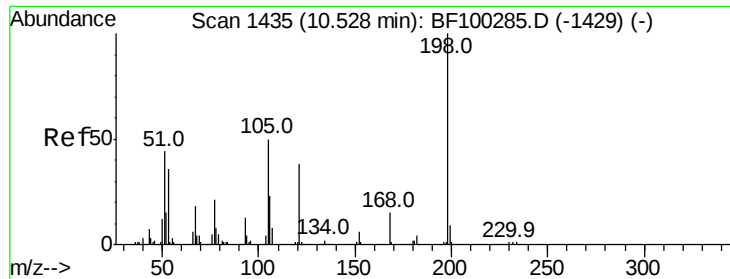
80 9.0 9.2 13.8#

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

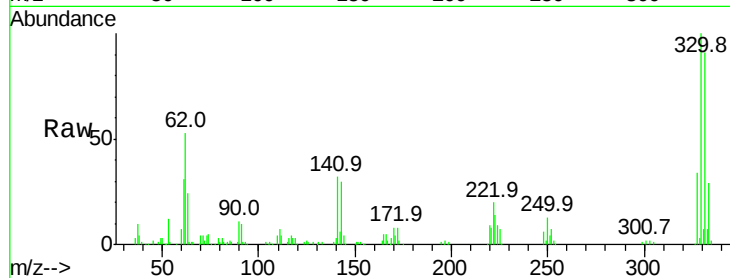




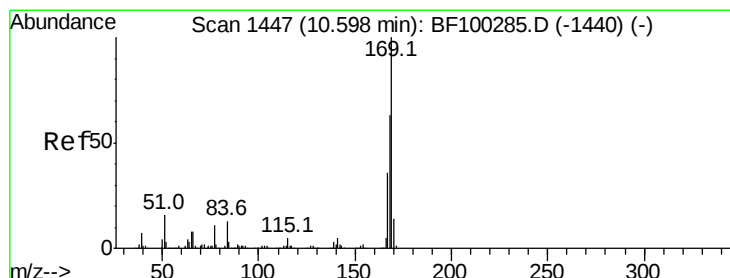
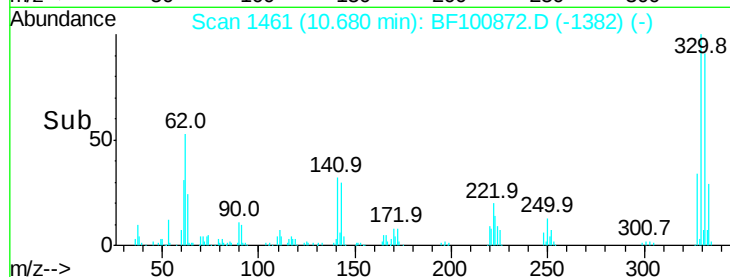
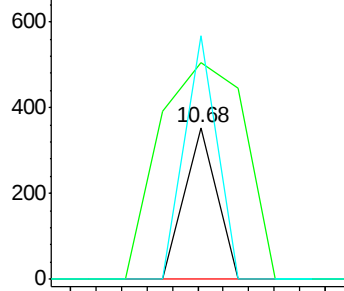
#64
4,6-Dinitro-2-methylphenol
Concen: 8.659 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.16 min
Lab File: BF100872.D
Acq: 23 Nov 2017 13:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 125
Ion Ratio Lower Upper
198 100
51 143.1 37.7 77.7#
105 160.6 36.3 76.3#

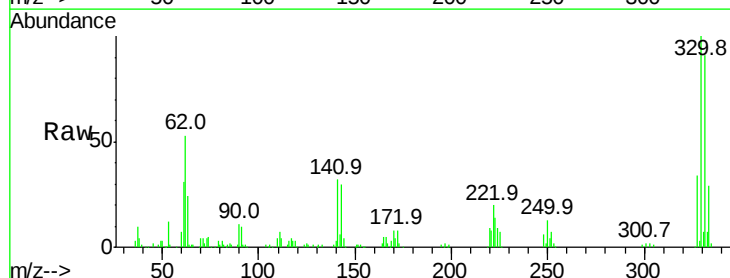


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

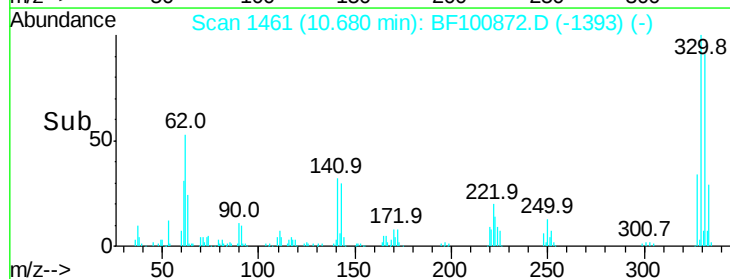
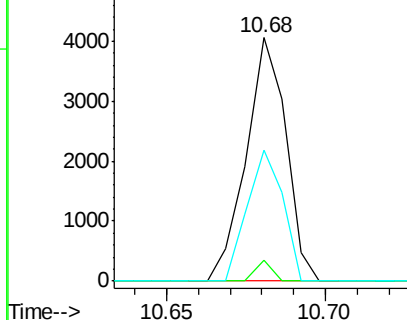


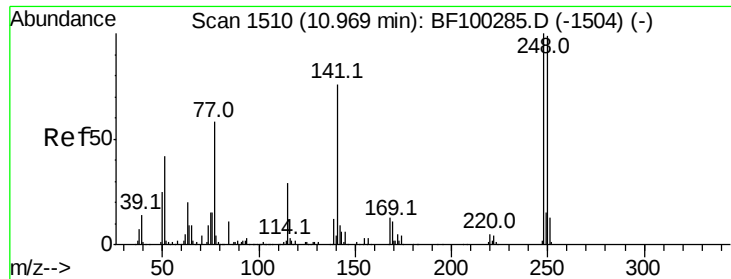
#65
n-Nitrosodiphenylamine
Concen: 0.447 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.10 min
Lab File: BF100872.D
Acq: 23 Nov 2017 13:45

Tgt Ion:169 Resp: 3539
Ion Ratio Lower Upper
169 100
168 8.6 54.4 81.6#
167 53.7 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

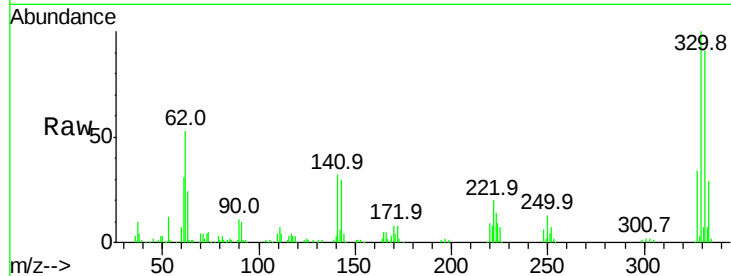




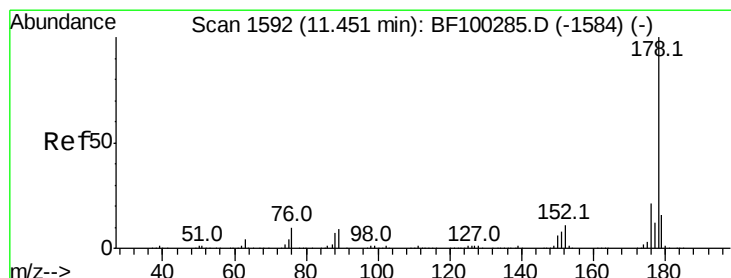
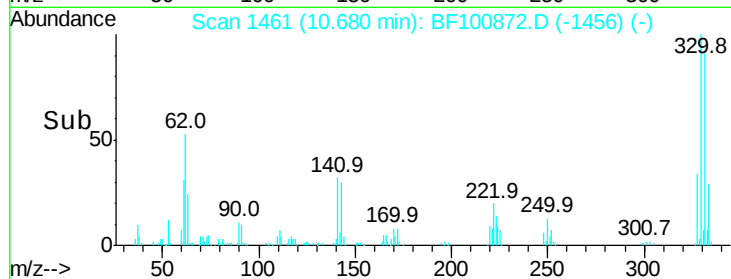
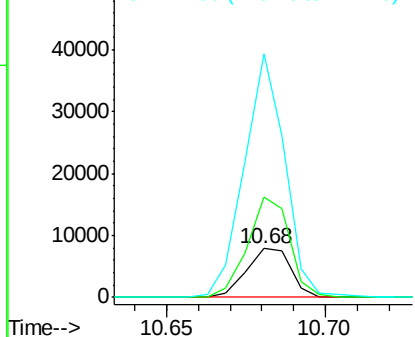
#66
 4-Bromophenyl-phenylether
 Concen: 3.079 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.27 min
 Lab File: BF100872.D
 Acq: 23 Nov 2017 13:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 7516
 Ion Ratio Lower Upper
 248 100
 250 206.2 76.9 115.3#
 141 499.3 74.4 111.6#

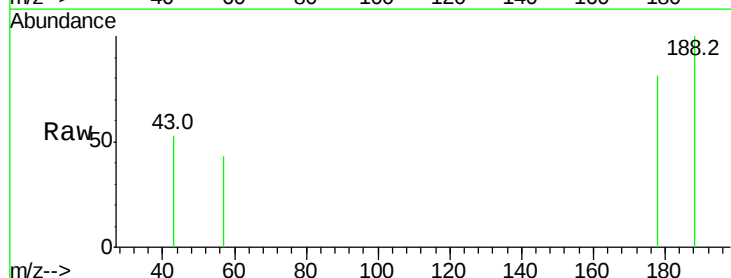


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

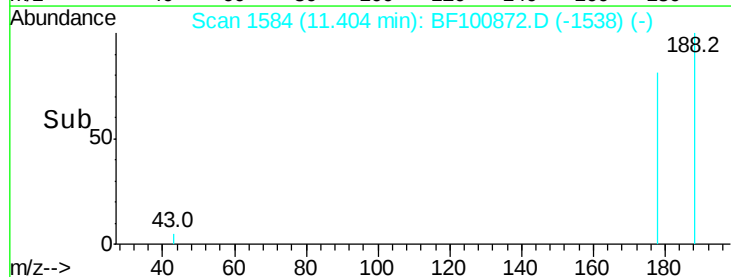
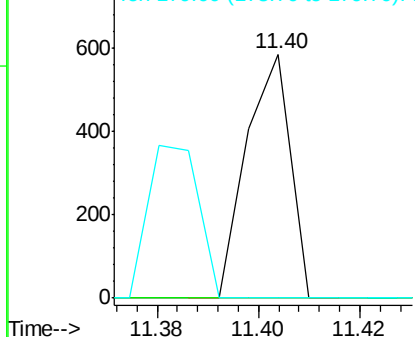


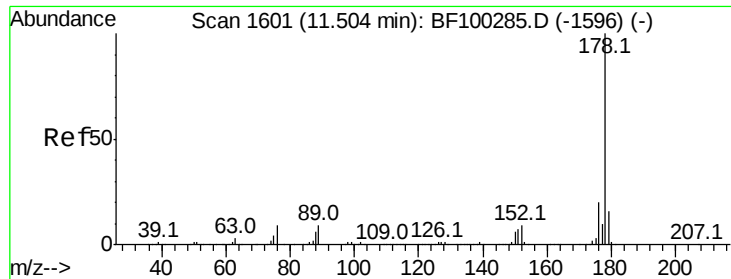
#70
 Phenanthrene
 Concen: 0.029 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.03 min
 Lab File: BF100872.D
 Acq: 23 Nov 2017 13:45

Tgt Ion:178 Resp: 351
 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

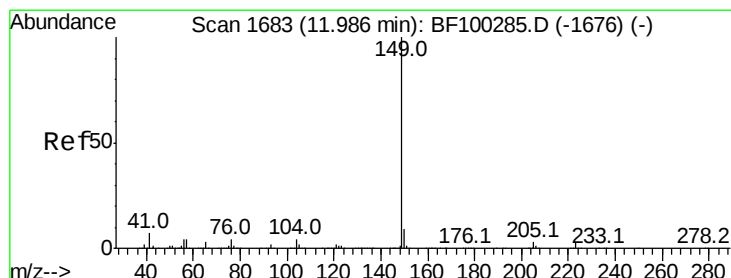
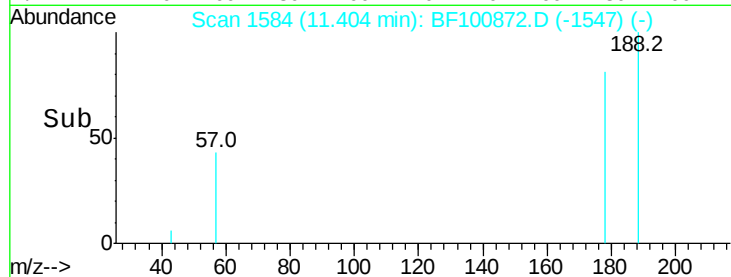
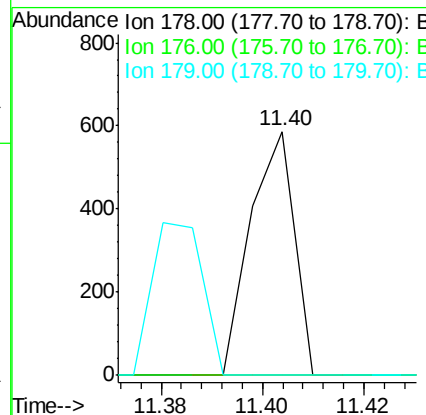
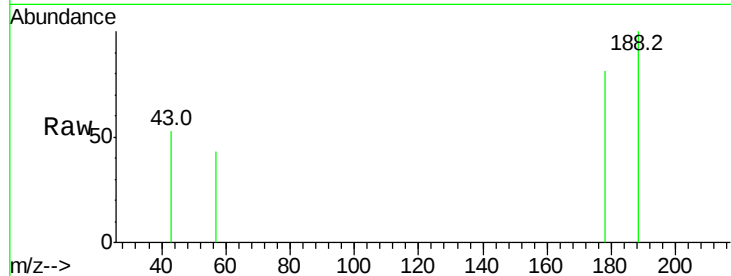




#71
 Anthracene
 Concen: 0.029 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.08 min
 Lab File: BF100872.D
 Acq: 23 Nov 2017 13:45

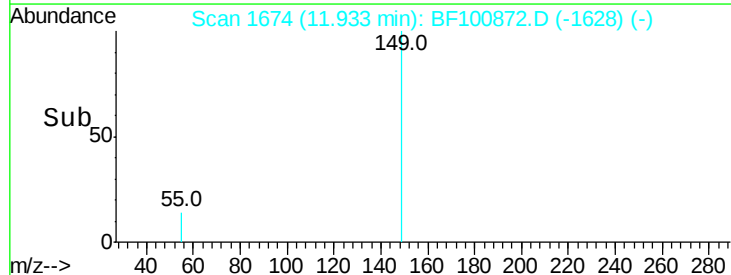
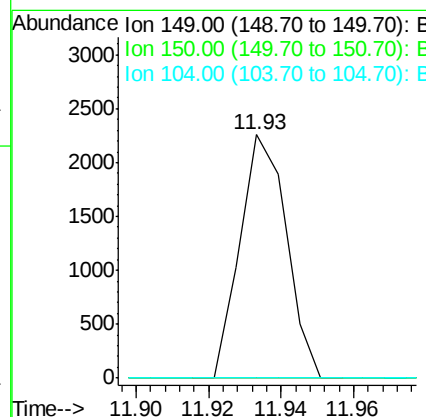
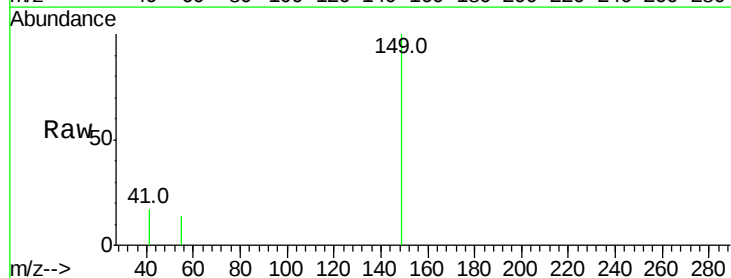
Instrument :
 BNA_F
 ClientSampleId :

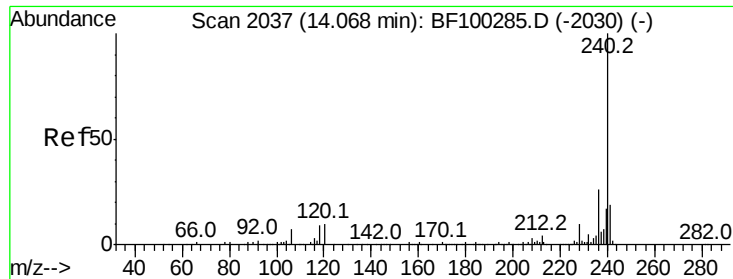
Tot Ion:178 Resp: 351
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.4 23.2#
 179 0.0 12.6 19.0#



#73
 Di-n-butylphthalate
 Concen: 0.153 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.03 min
 Lab File: BF100872.D
 Acq: 23 Nov 2017 13:45

Tgt Ion:149 Resp: 2005
 Ion Ratio Lower Upper
 149 100
 150 0.0 7.8 11.6#
 104 0.0 3.8 5.8#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.02 min

Lab File: BF100872.D

Acq: 23 Nov 2017 13:45

Instrument :

BNA_F

ClientSampleId :

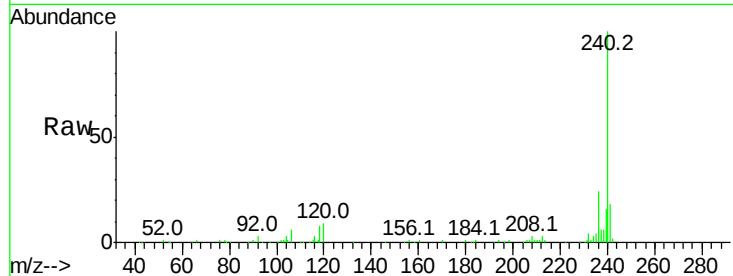
Tot Ion:240 Resp: 141308

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

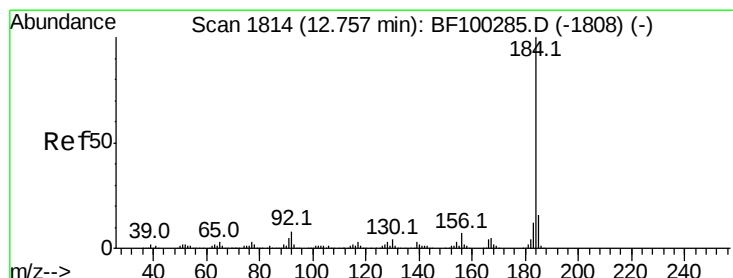
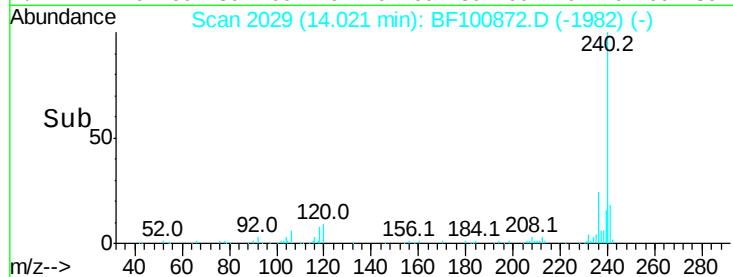
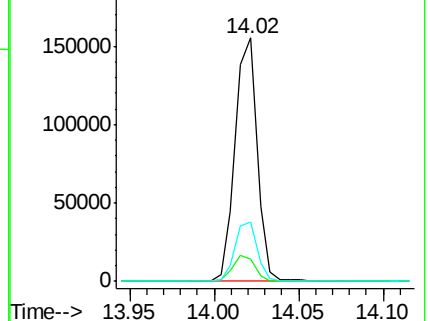
236 24.3 20.7 31.1



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: 1.293 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.23 min

Lab File: BF100872.D

Acq: 23 Nov 2017 13:45

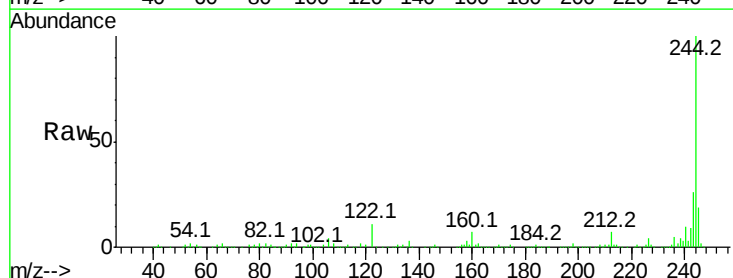
Tgt Ion:184 Resp: 7315

Ion Ratio Lower Upper

184 100

185 17.1 12.6 18.8

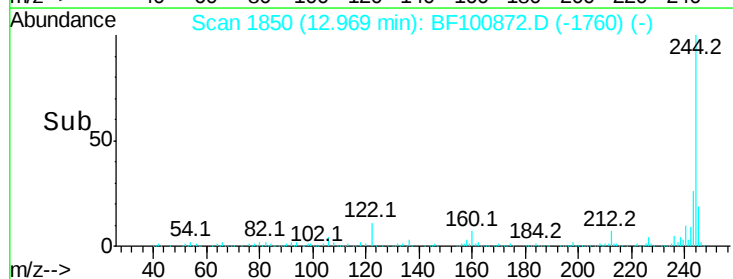
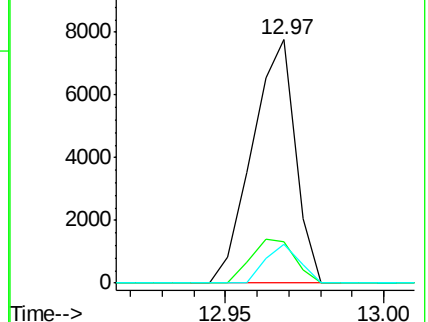
183 15.9 9.3 13.9#

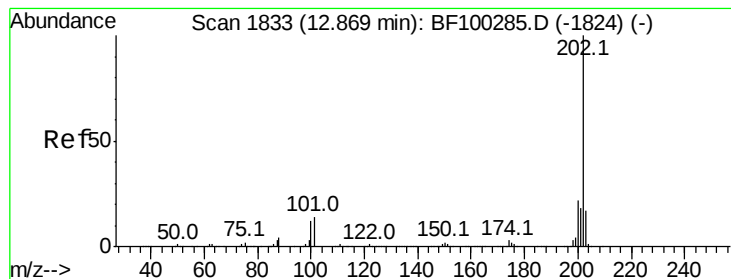


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.193 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.12 min

Lab File: BF100872.D

Acq: 23 Nov 2017 13:45

Instrument :

BNA_F

ClientSampled :

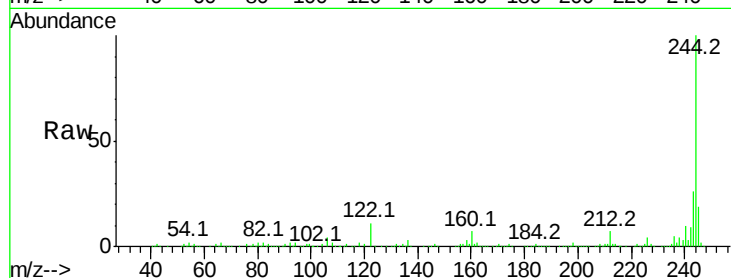
Tot Ion:202 Resp: 1945

Ion Ratio Lower Upper

202 100

200 51.3 17.4 26.2#

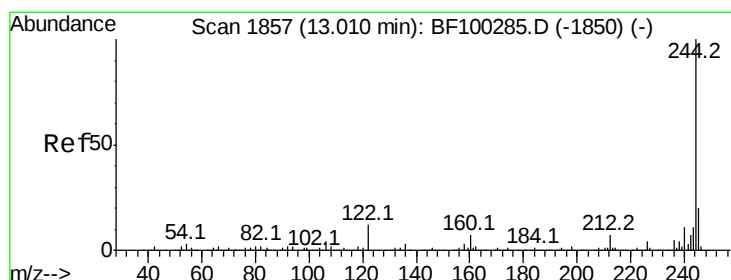
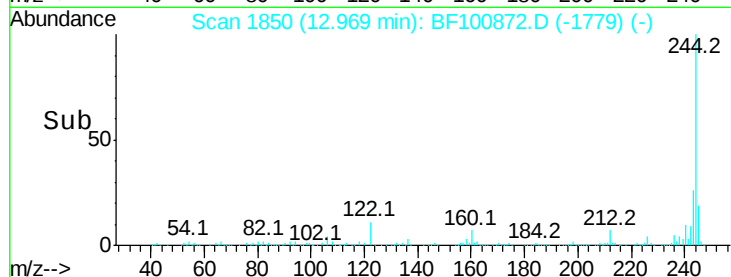
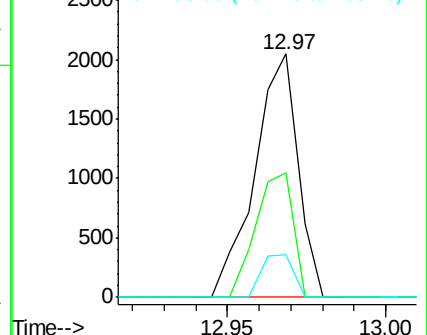
203 17.6 14.3 21.5



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: 99.884 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.02 min

Lab File: BF100872.D

Acq: 23 Nov 2017 13:45

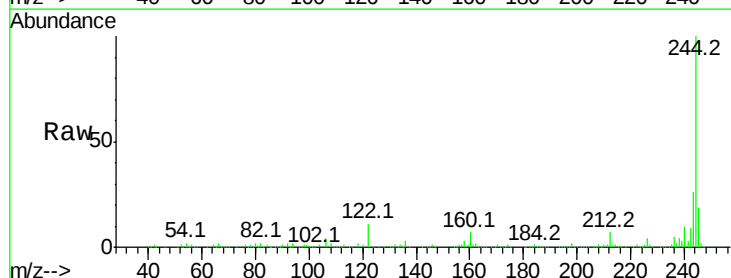
Tgt Ion:244 Resp: 614282

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

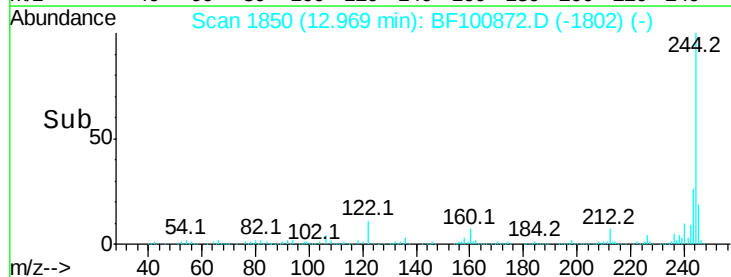
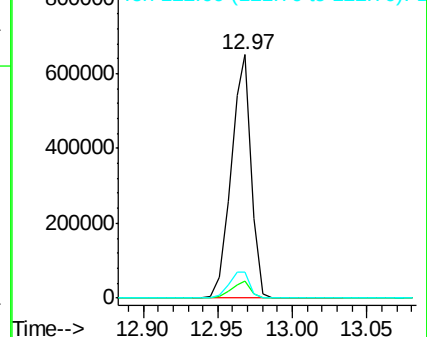
122 10.6 11.0 16.4#

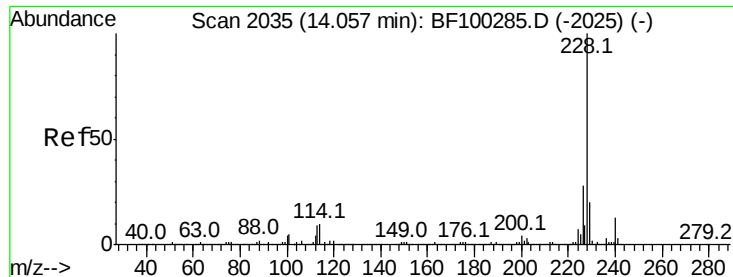


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 0.039 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF100872.D

Acq: 23 Nov 2017 13:45

Instrument :

BNA_F

ClientSampleId :

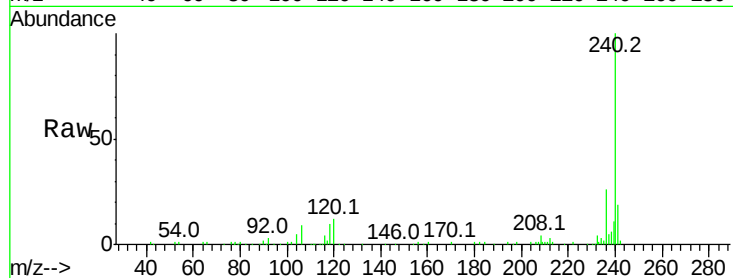
Tot Ion:228 Resp: 336

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

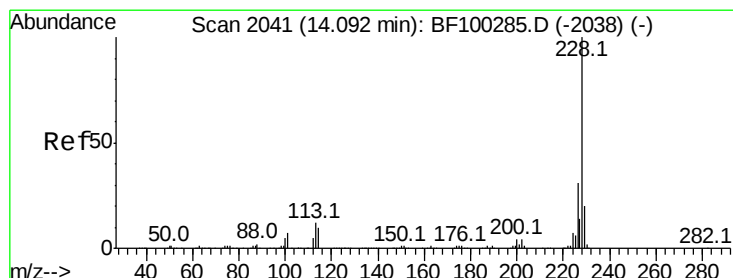
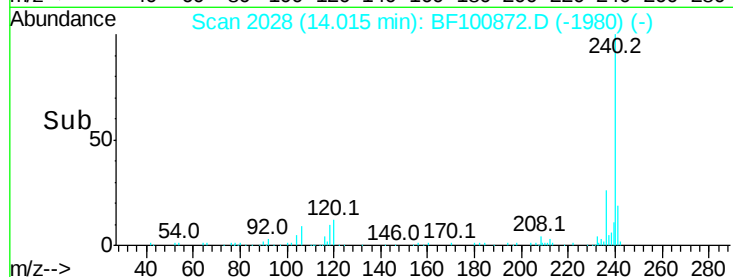
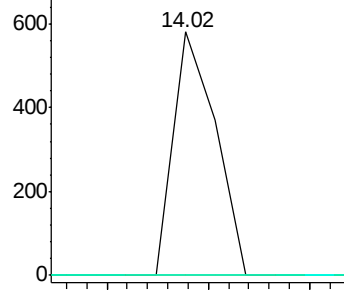
229 0.0 15.8 23.6#



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: 0.041 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.06 min

Lab File: BF100872.D

Acq: 23 Nov 2017 13:45

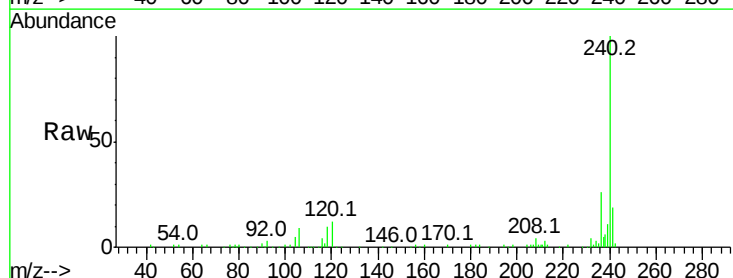
Tgt Ion:228 Resp: 336

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

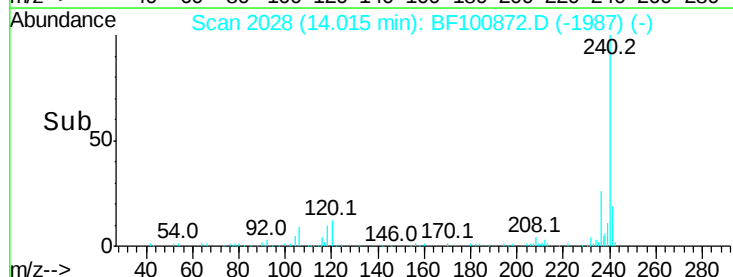
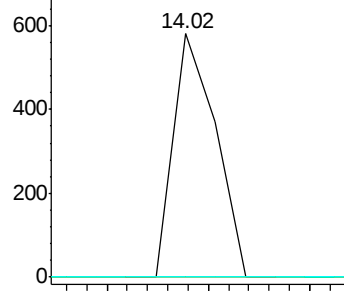
229 0.0 16.2 24.4#

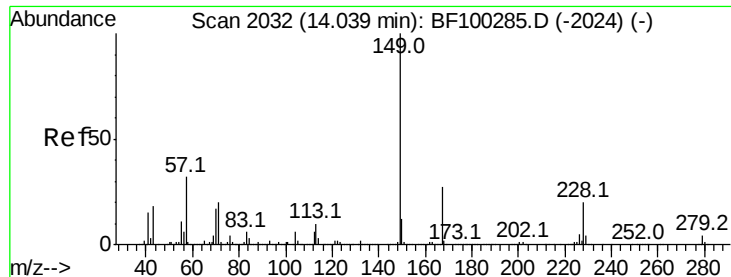


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

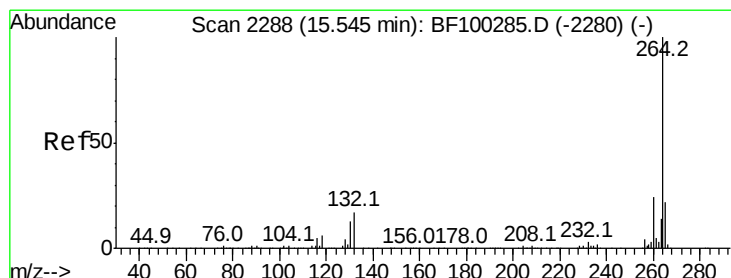
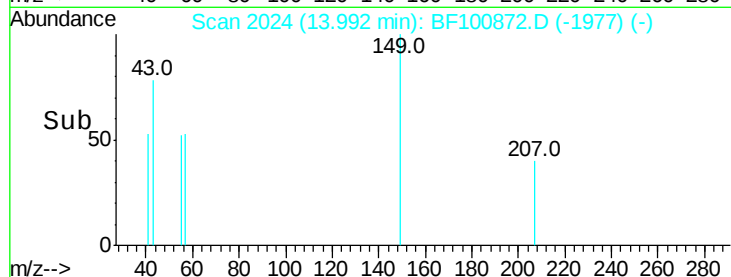
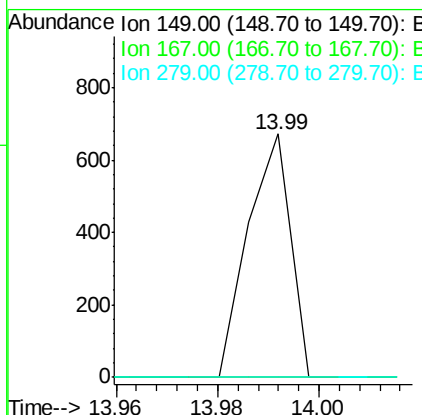
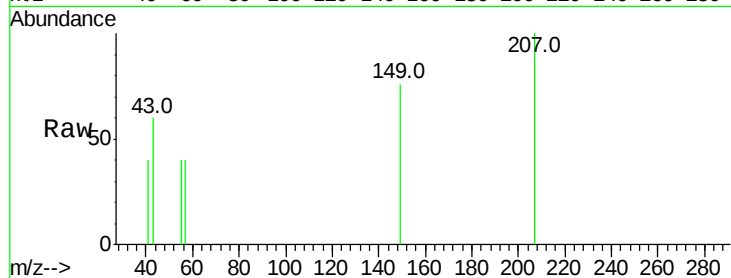




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.072 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.02 min
 Lab File: BF100872.D
 Acq: 23 Nov 2017 13:45

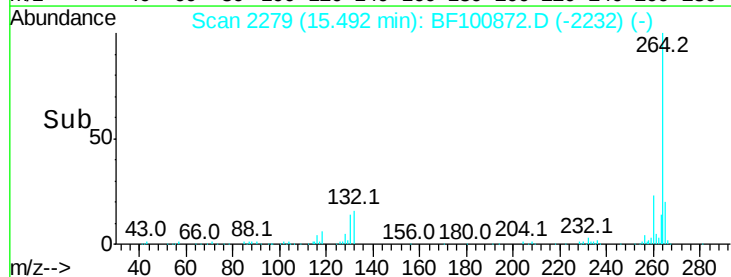
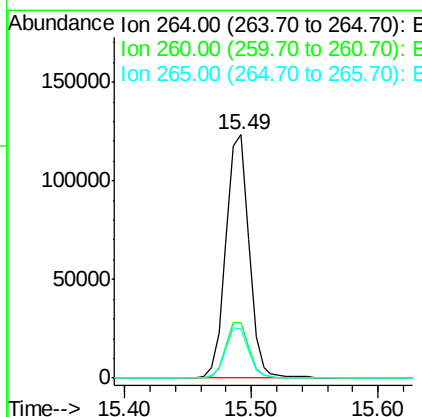
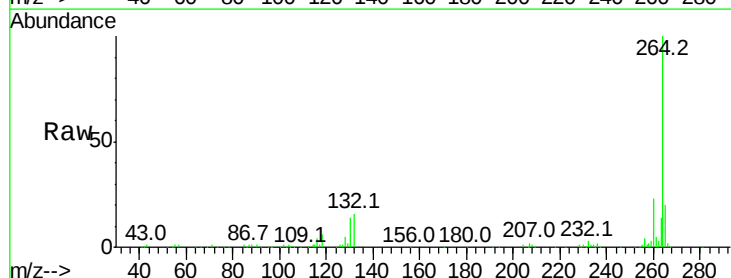
Instrument :
 BNA_F
 ClientSampleId :

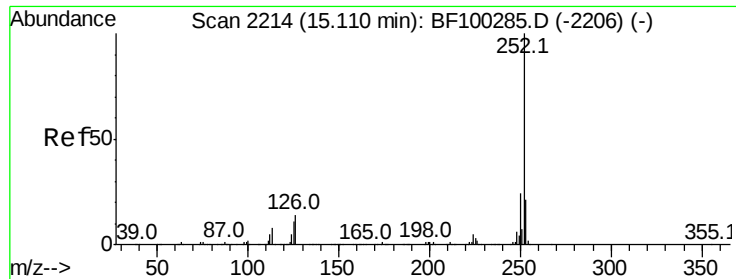
Tot Ion:149 Resp: 389
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.3 31.9#
 279 0.0 3.0 4.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BF100872.D
 Acq: 23 Nov 2017 13:45

Tgt Ion:264 Resp: 156333
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 20.4 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 0.059 ng

RT: 15.06 min Scan# 2205

Delta R.T. -0.03 min

Lab File: BF100872.D

Acq: 23 Nov 2017 13:45

Instrument :

BNA_F

ClientSampled :

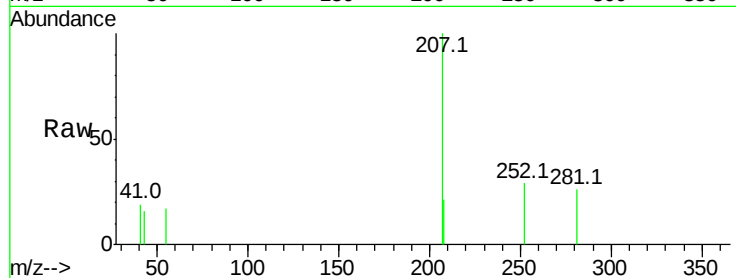
Tot Ion:252 Resp: 543

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

15.06

600

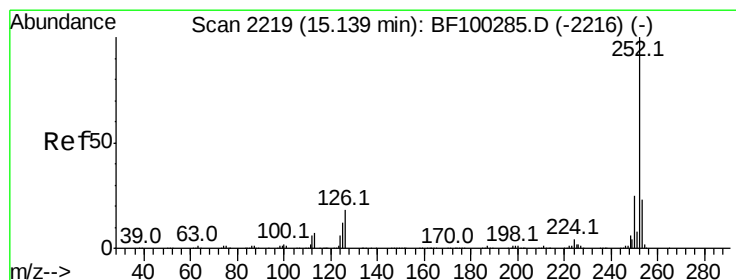
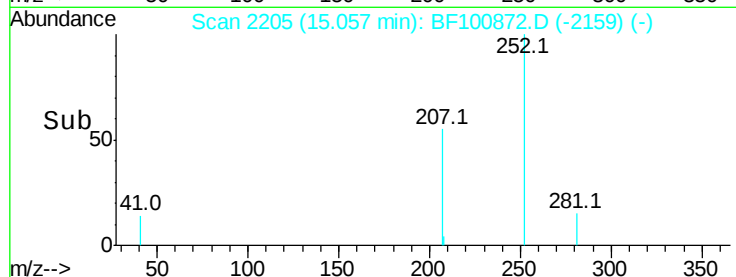
400

200

0

15.04 15.06 15.08

Time-->



#88

Benzo(k)fluoranthene

Concen: 0.042 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.04 min

Lab File: BF100872.D

Acq: 23 Nov 2017 13:45

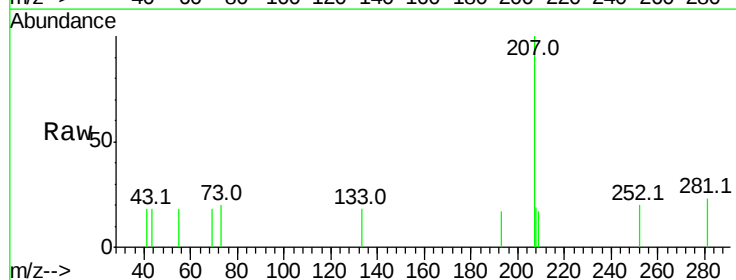
Tgt Ion:252 Resp: 366

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

15.08

600

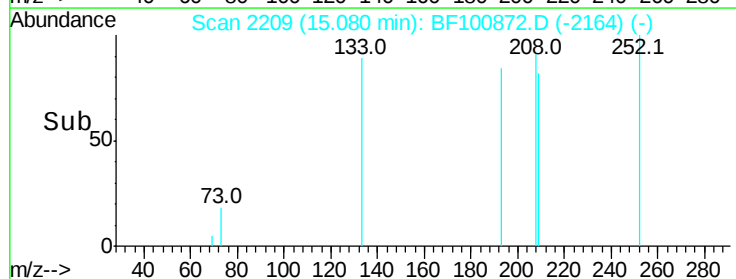
400

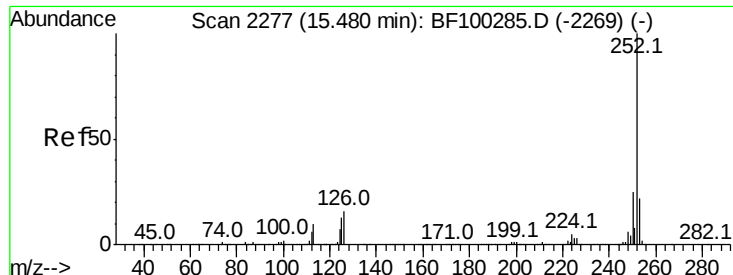
200

0

15.06 15.08 15.10

Time-->





#89

Benzo(a)pyrene

Concen: 0.044 ng

RT: 15.49 min Scan# 2278

Delta R.T. 0.03 min

Lab File: BF100872.D

Acq: 23 Nov 2017 13:45

Instrument :

BNA_F

ClientSampleId :

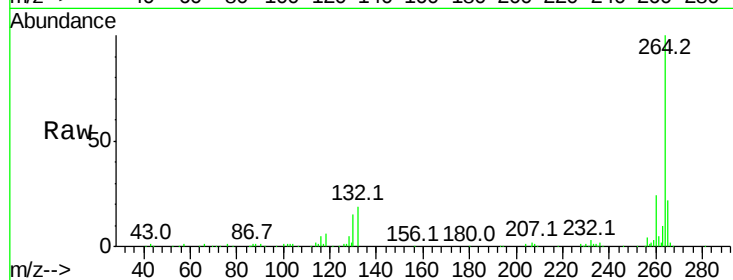
Tot Ion:252 Resp: 363

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

