

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100871.D
 Acq On : 23 Nov 2017 13:19
 Operator : SJ/JU
 Sample : I6567-03
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 23:54:33 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	78948	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	303859	20.00	ng	-0.03
38) Acenaphthene-d10	9.89	164	140889	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	237522	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	150543	20.00	ng	-0.02
86) Perylene-d12	15.49	264	167158	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	185433	37.65	ng	-0.02
7) Phenol-d6	6.48	99	145266	23.92	ng	-0.03
23) Nitrobenzene-d5	7.42	82	472859	102.88	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	119330	83.12	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	912782	98.65	ng	-0.02
78) Terphenyl-d14	12.97	244	627722	95.81	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.49	93	231	0.027	ng	# 1
9) Benzaldehyde	6.63	77	6849	1.579	ng	# 76
10) Phenol	6.49	94	13467	2.112	ng	# 95
11) bis(2-Chloroethyl)ether	6.63	93	317	0.059	ng	# 1
15) Benzyl Alcohol	7.02	79	7826	1.651	ng	# 46
17) 2-Methylphenol	7.00	107	119	0.027	ng	# 1
19) n-Nitroso-di-n-propylamine	7.42	70	62280	14.787	ng	# 83
20) 3+4-Methylphenols	7.00	107	119	0.021	ng	# 1
24) Nitrobenzene	7.43	77	1140	0.241	ng	# 33
25) Isophorone	7.42	82	472853	48.959	ng	# 64
31) Naphthalene	8.16	128	116	0.008	ng	# 68
45) 1,1'-Biphenyl	9.22	154	1560	0.128	ng	# 1
47) 2-Nitroaniline	9.22	65	1138	3.194	ng	# 1
49) Dimethylphthalate	9.60	163	11892	1.106	ng	# 98
50) 2,6-Dinitrotoluene	9.89	165	17807	8.363	ng	# 24
51) Acenaphthene	9.89	154	315	0.035	ng	# 4
56) 2,4-Dinitrotoluene	9.89	165	17807	6.629	ng	# 21
57) Fluorene	10.68	166	5376	0.588	ng	# 89
59) Diethylphthalate	10.30	149	2874	0.267	ng	# 98
62) Azobenzene	10.68	77	472	0.047	ng	# 1
65) n-Nitrosodiphenylamine	10.68	169	3446	0.417	ng	# 42
66) 4-Bromophenyl-phenylether	10.69	248	7409	2.910	ng	# 1
70) Phenanthrene	11.40	178	354	0.028	ng	# 59
71) Anthracene	11.40	178	354	0.028	ng	# 60
73) Di-n-butylphthalate	11.93	149	7905	0.577	ng	# 94
74) Fluoranthene	12.59	202	121	0.009	ng	# 62
76) Benzdine	12.97	184	7374	1.223	ng	# 90
77) Pyrene	12.97	202	1809	0.169	ng	# 37
80) Benzo(a)anthracene	14.02	228	311	0.034	ng	# 51
82) Chrysene	14.04	228	163	0.019	ng	# 48
83) Bis(2-ethylhexyl)phthalate	13.99	149	812	0.141	ng	# 53
87) Benzo(b)fluoranthene	15.06	252	311	0.031	ng	# 60
88) Benzo(k)fluoranthene	15.09	252	285	0.030	ng	# 59
89) Benzo(a)pyrene	15.49	252	283	0.032	ng	# 60

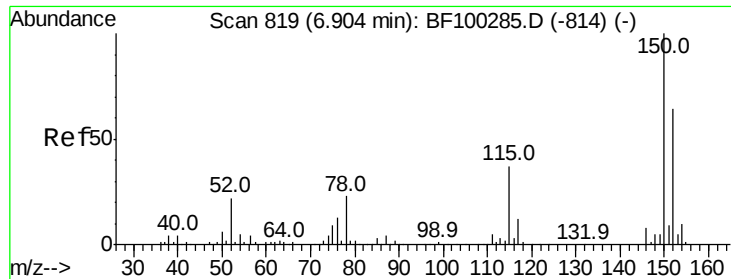
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100871.D
Acq On : 23 Nov 2017 13:19
Operator : SJ/JU
Sample : I6567-03
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ALS Vial : 42 Sample Multiplier: 1

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

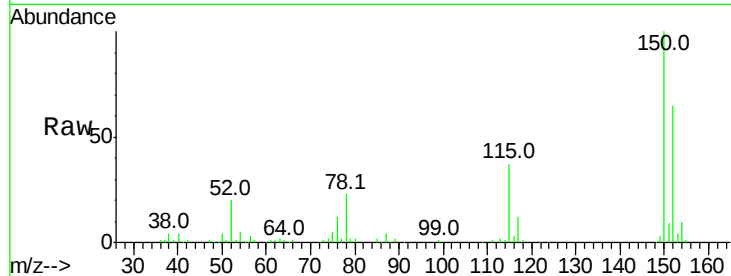


#1

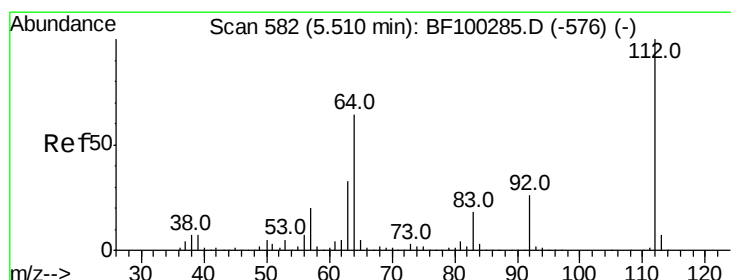
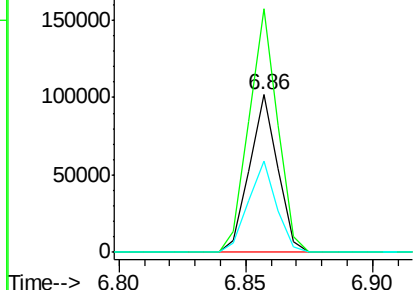
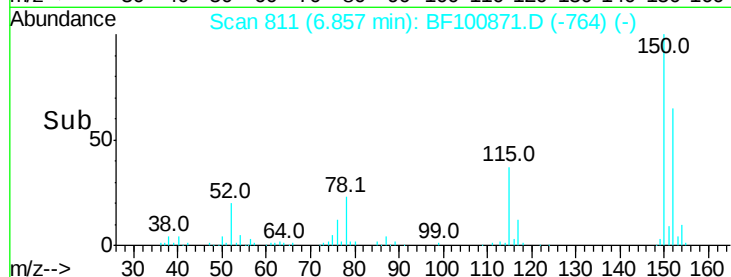
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100871.D
Acq: 23 Nov 2017 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 78948
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 57.8 50.1 75.1



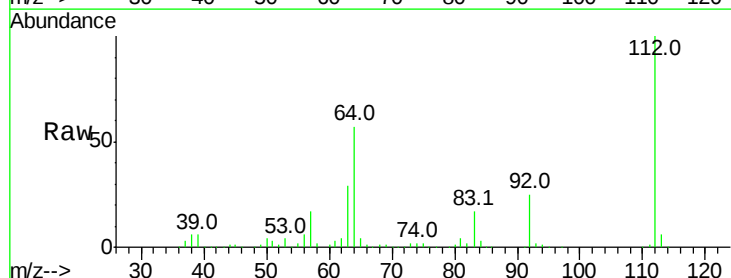
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



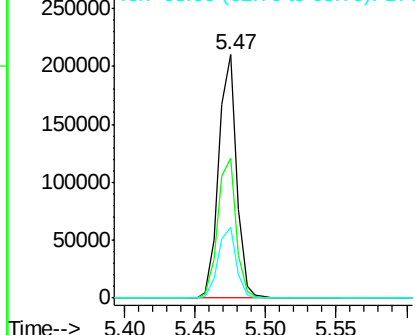
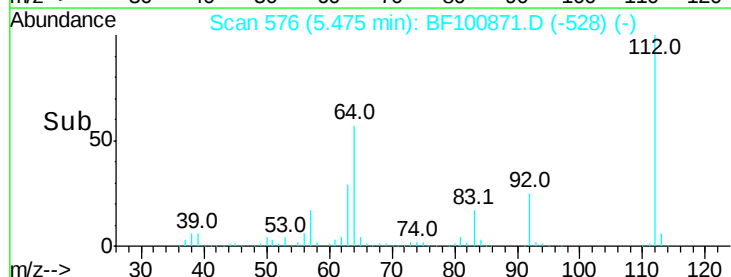
#5

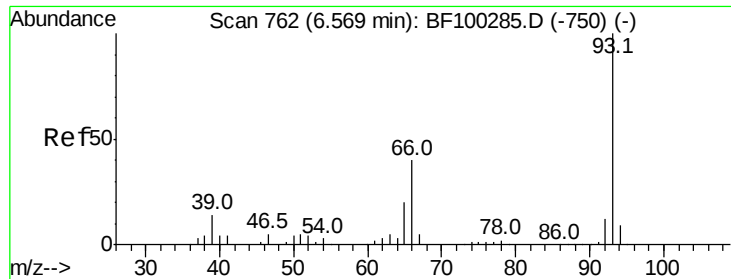
2-Fluorophenol
Concen: 37.651 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.02 min
Lab File: BF100871.D
Acq: 23 Nov 2017 13:19

Tgt Ion:112 Resp: 185433
Ion Ratio Lower Upper
112 100
64 57.3 47.9 71.9
63 29.1 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: 0.027 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.06 min

Lab File: BF100871.D

Acq: 23 Nov 2017 13:19

Instrument :

BNA_F

ClientSampled :

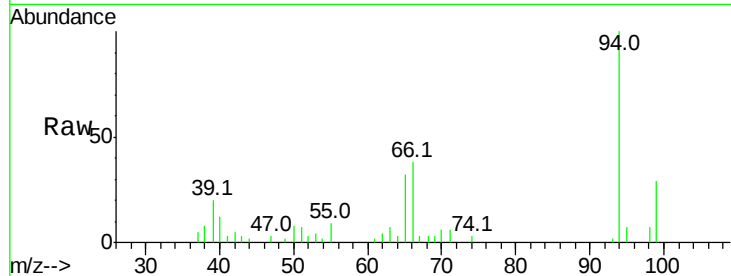
Tot Ion: 93 Resp: 231

Ion Ratio Lower Upper

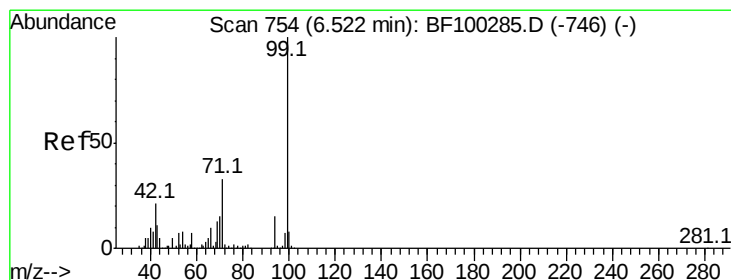
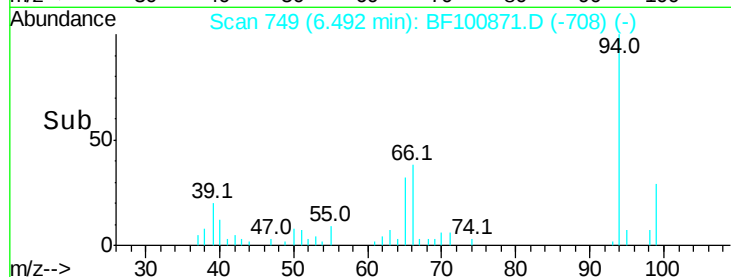
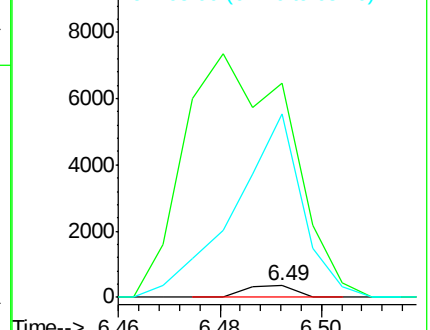
93 100

66 1857.8 32.2 48.2#

65 1587.9 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: 23.919 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF100871.D

Acq: 23 Nov 2017 13:19

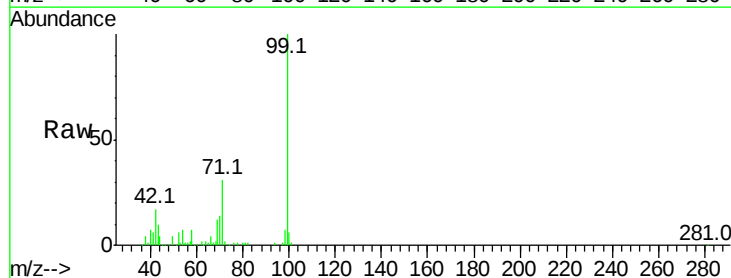
Tgt Ion: 99 Resp: 145266

Ion Ratio Lower Upper

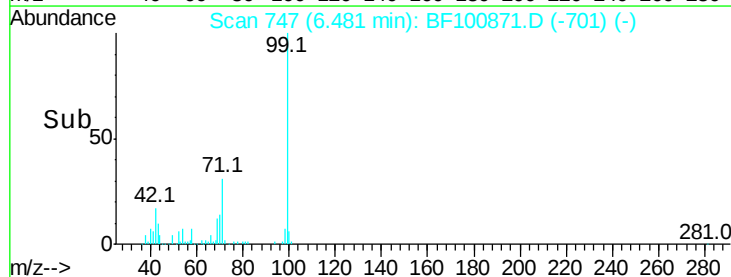
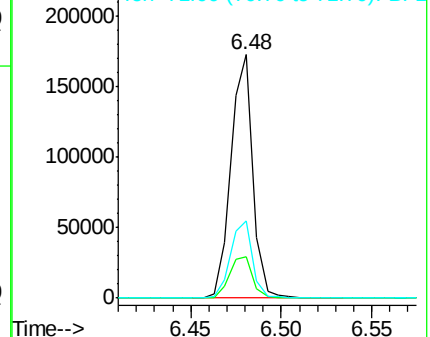
99 100

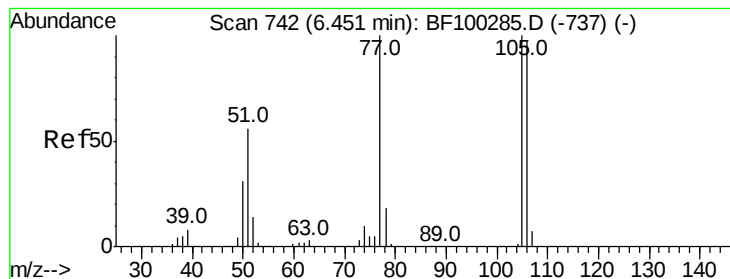
42 17.1 14.5 21.7

71 31.5 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: 1.579 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.19 min

Lab File: BF100871.D

Acq: 23 Nov 2017 13:19

Instrument :

BNA_F

ClientSampled :

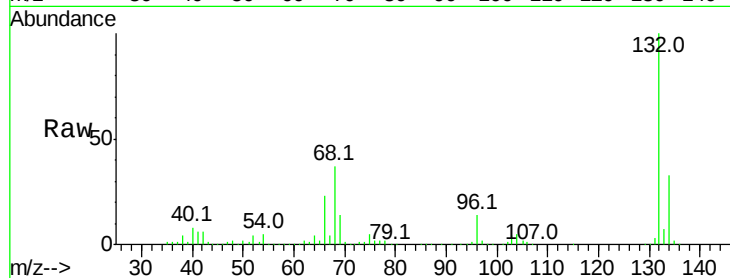
Tot Ion: 77 Resp: 6849

Ion Ratio Lower Upper

77 100

105 75.8 81.1 121.1#

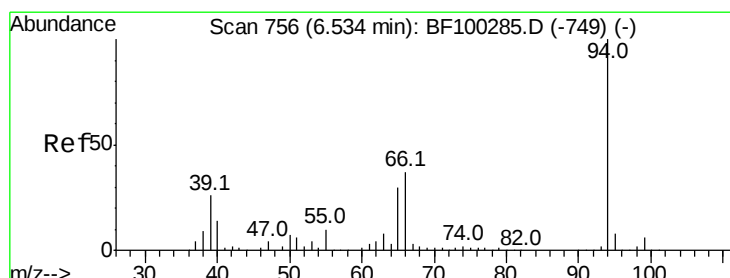
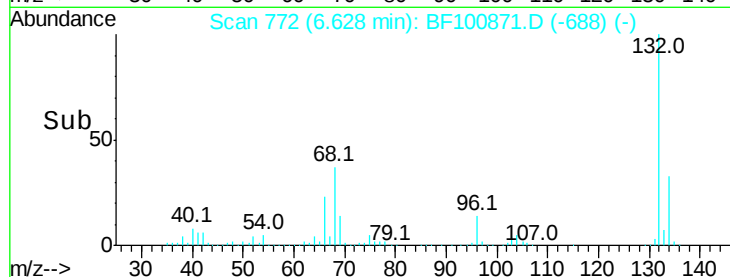
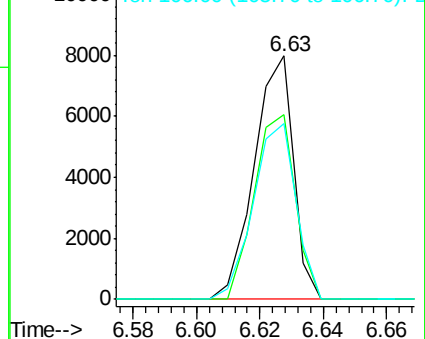
106 72.2 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 2.112 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF100871.D

Acq: 23 Nov 2017 13:19

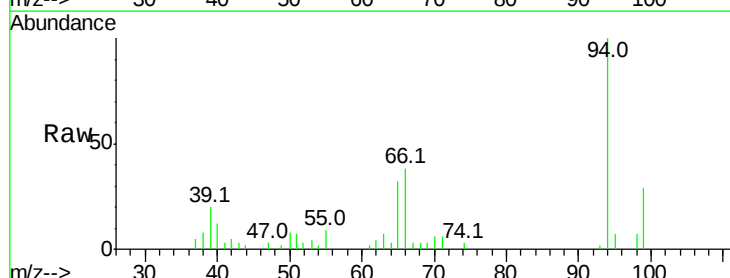
Tgt Ion: 94 Resp: 13467

Ion Ratio Lower Upper

94 100

65 32.3 7.9 47.9

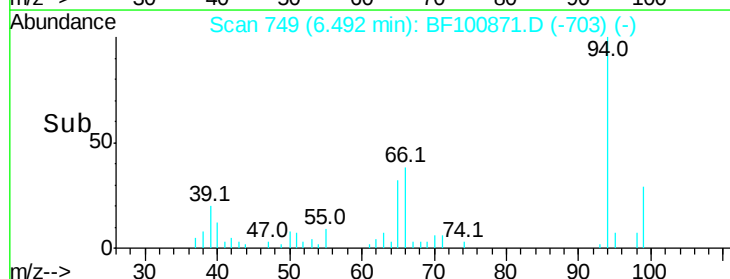
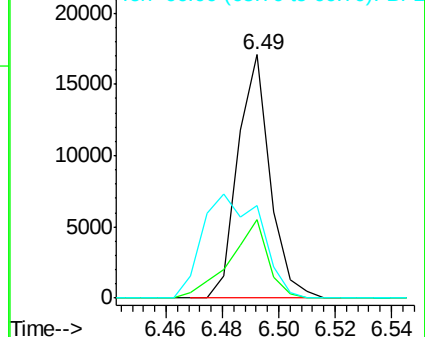
66 37.8 16.2 56.2

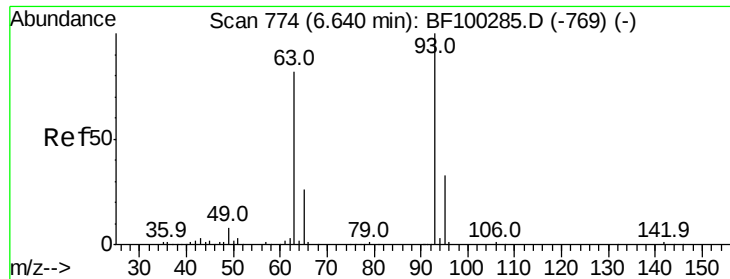


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

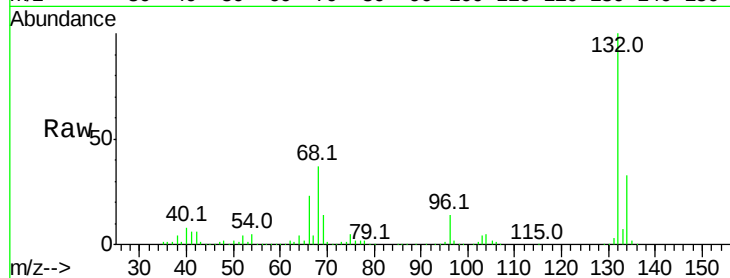




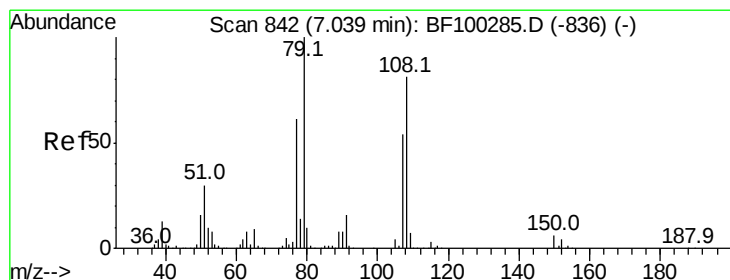
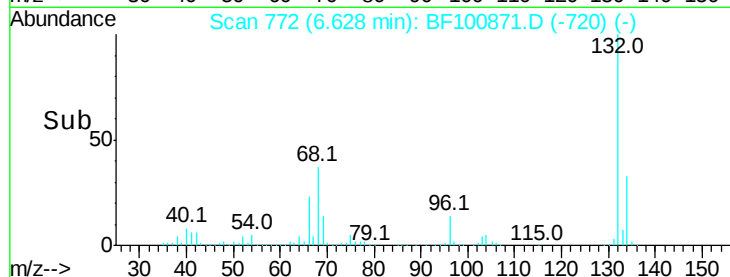
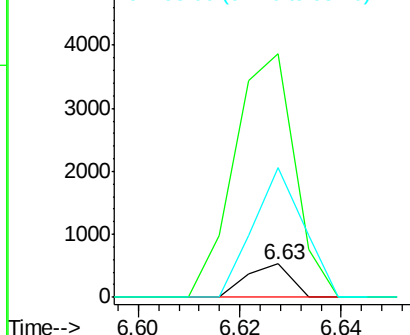
#11
bis(2-Chloroethyl)ether
Concen: 0.059 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.01 min
Lab File: BF100871.D
Acq: 23 Nov 2017 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 317
Ion Ratio Lower Upper
93 100
63 726.5 58.6 98.6#
95 386.8 11.8 51.8#

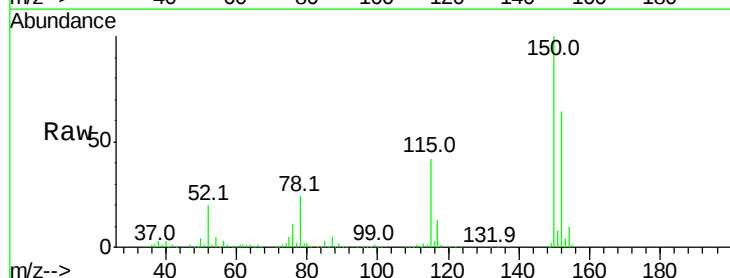


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

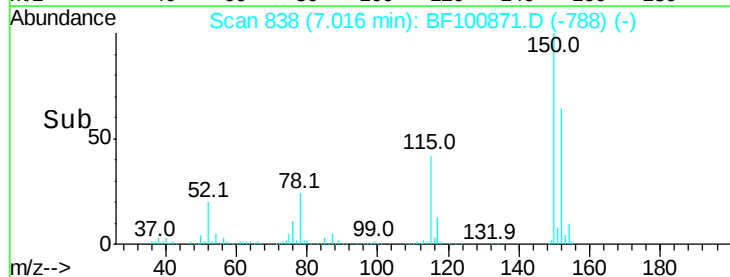
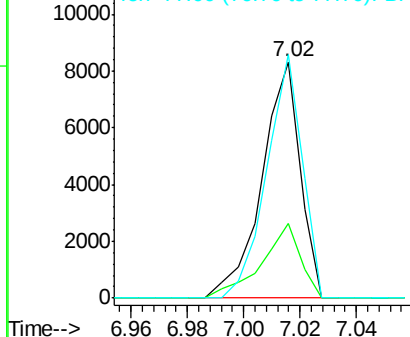


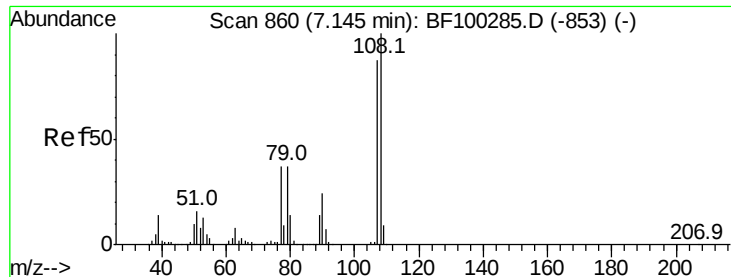
#15
Benzyl Alcohol
Concen: 1.651 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF100871.D
Acq: 23 Nov 2017 13:19

Tgt Ion: 79 Resp: 7826
Ion Ratio Lower Upper
79 100
108 31.4 65.1 97.7#
77 103.1 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: 0.027 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.13 min

Lab File: BF100871.D

Acq: 23 Nov 2017 13:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 107 Resp: 119

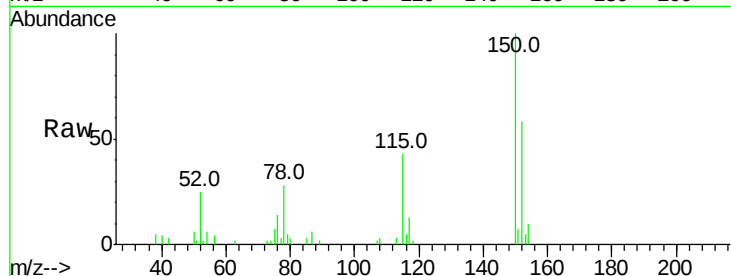
Ion Ratio Lower Upper

107 100

108 164.3 91.7 137.5#

77 182.7 33.8 50.8#

79 332.1 33.8 50.8#

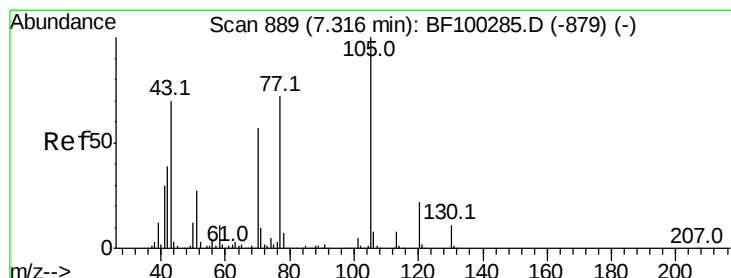
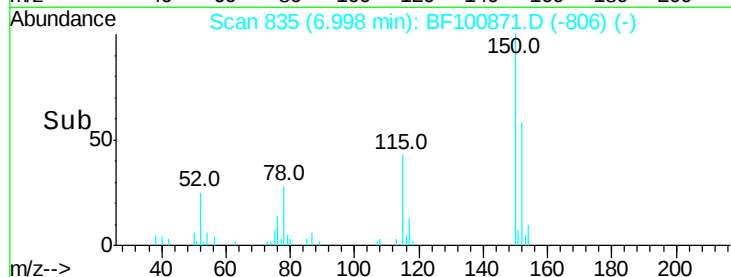
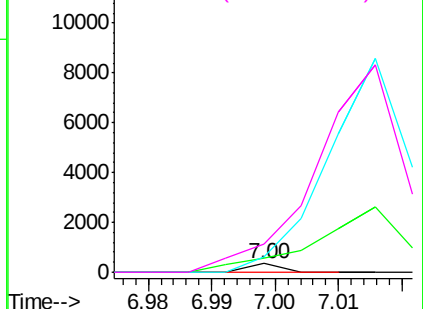


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

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: 14.787 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.12 min

Lab File: BF100871.D

Acq: 23 Nov 2017 13:19

Tgt Ion: 70 Resp: 62280

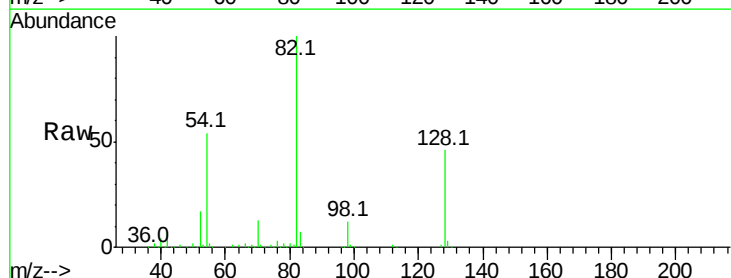
Ion Ratio Lower Upper

70 100

42 53.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

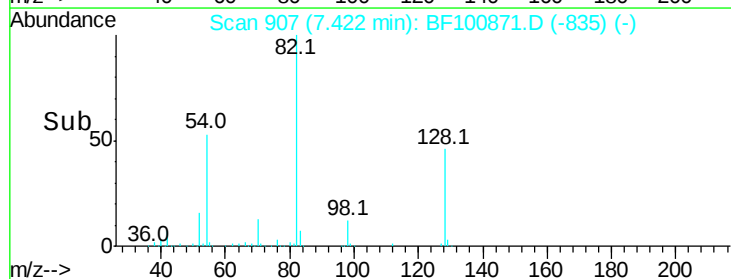
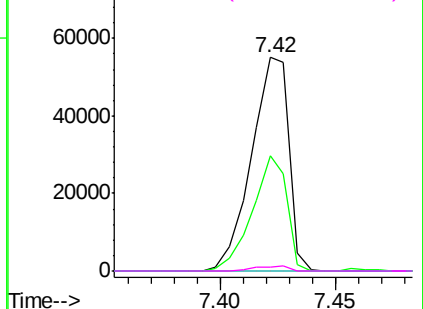


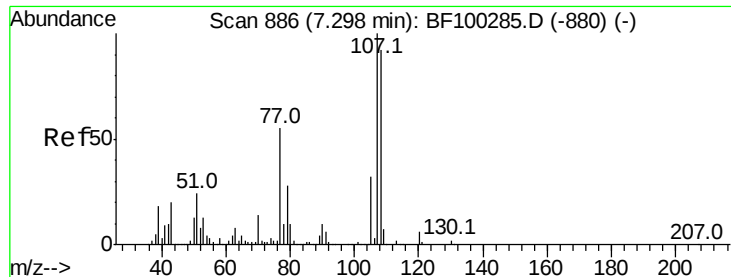
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 0.021 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.28 min

Lab File: BF100871.D

Acq: 23 Nov 2017 13:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 119

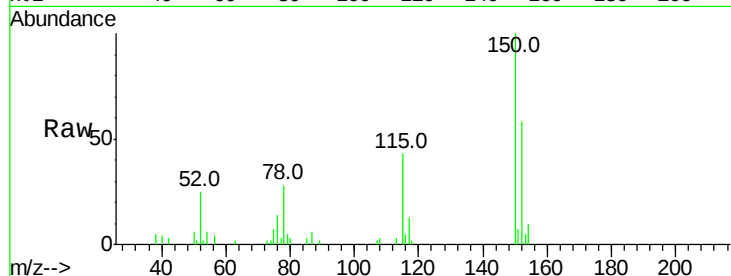
Ion Ratio Lower Upper

107 100

108 164.3 68.2 108.2#

77 182.7 26.7 66.7#

79 332.1 6.3 46.3#

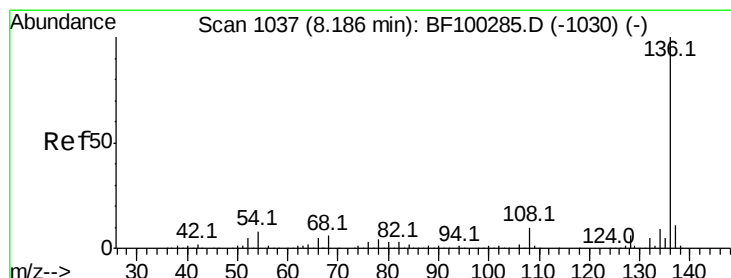
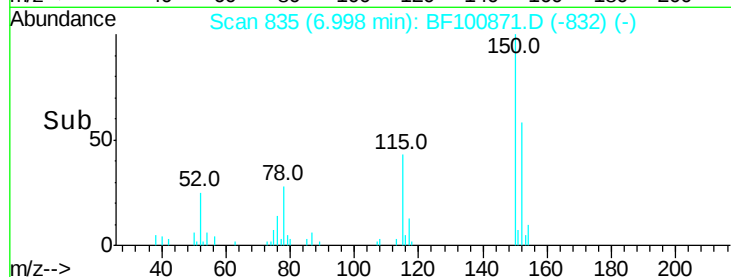
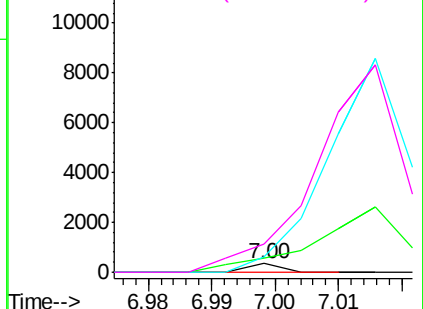


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BF100871.D

Acq: 23 Nov 2017 13:19

Tgt Ion:136 Resp: 303859

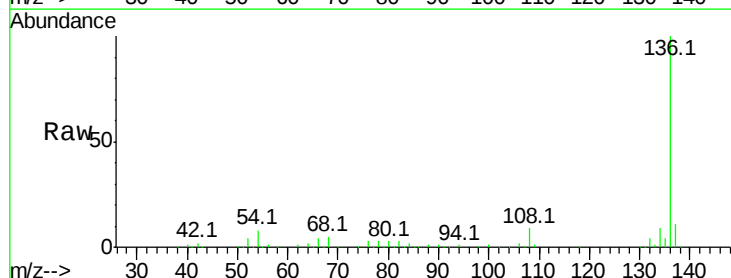
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.8 6.6 9.8

68 5.0 5.0 7.4

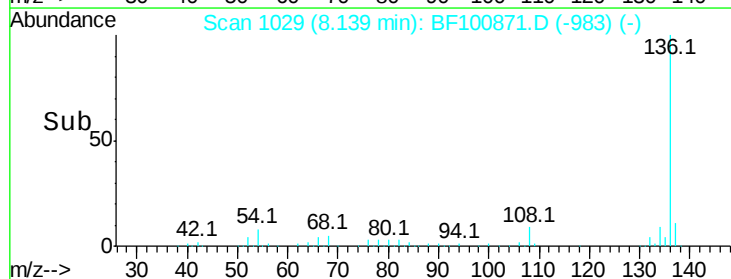
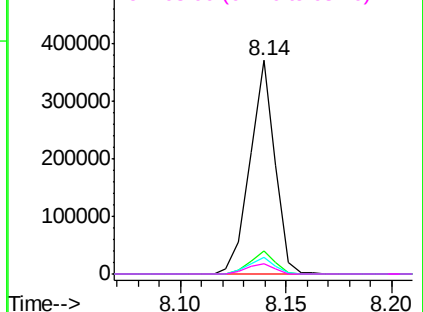


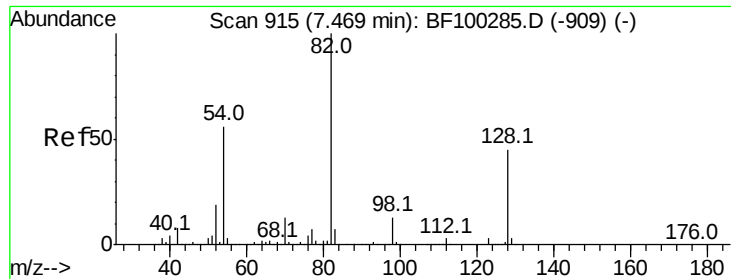
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

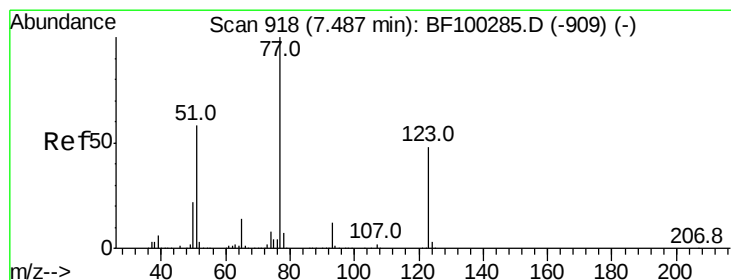
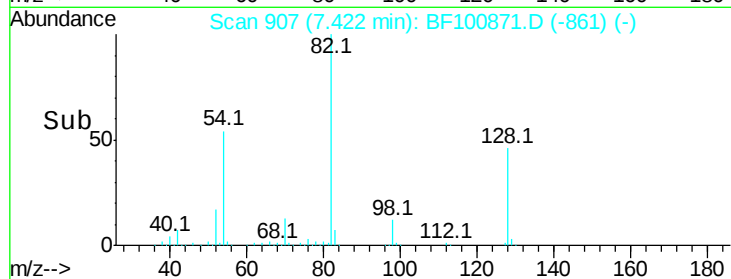
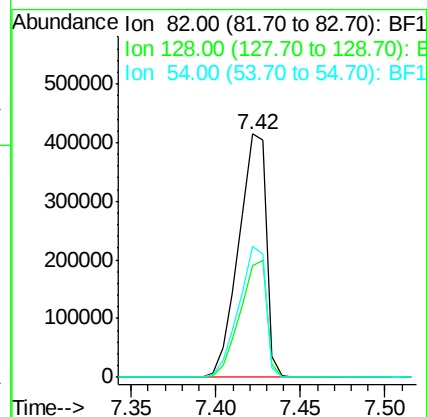
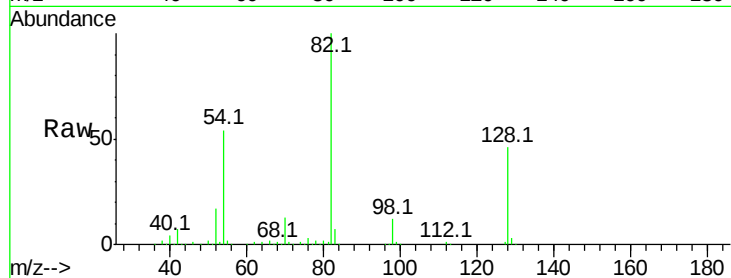




#23
Nitrobenzene-d5
Concen: 102.884 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.03 min
Lab File: BF100871.D
Acq: 23 Nov 2017 13:19

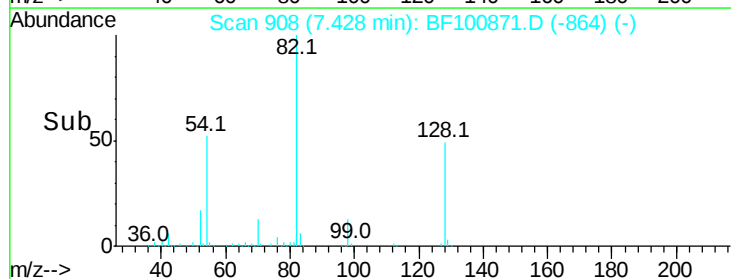
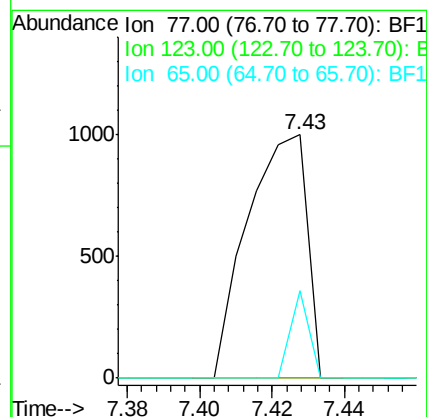
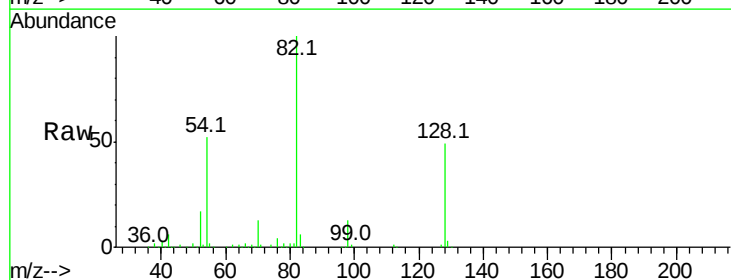
Instrument :
BNA_F
ClientSampled :

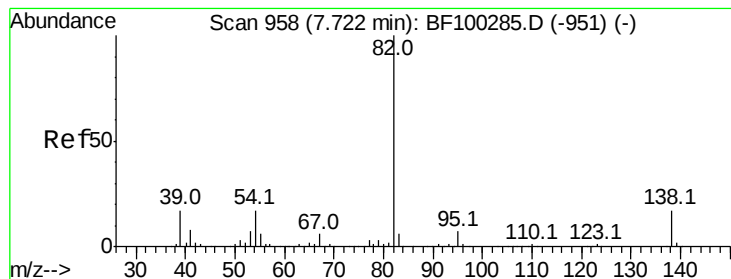
Tot Ion: 82 Resp: 472859
Ion Ratio Lower Upper
82 100
128 46.1 36.1 54.1
54 53.8 41.4 62.2



#24
Nitrobenzene
Concen: 0.241 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.04 min
Lab File: BF100871.D
Acq: 23 Nov 2017 13:19

Tgt Ion: 77 Resp: 1140
Ion Ratio Lower Upper
77 100
123 0.0 37.9 56.9#
65 36.0 11.0 16.4#





#25

Isophorone

Concen: 48.959 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.28 min

Lab File: BF100871.D

Acq: 23 Nov 2017 13:19

Instrument :

BNA_F

ClientSampleId :

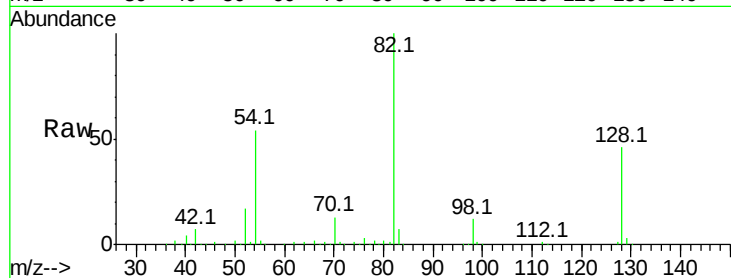
Tot Ion: 82 Resp: 472853

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

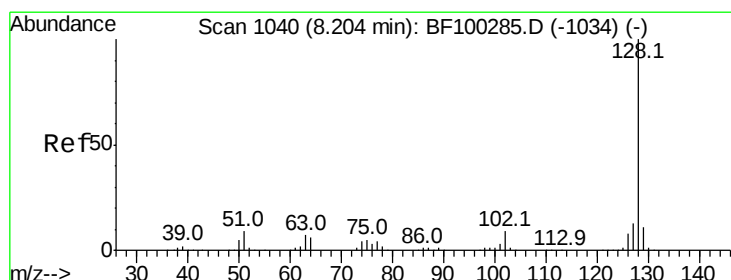
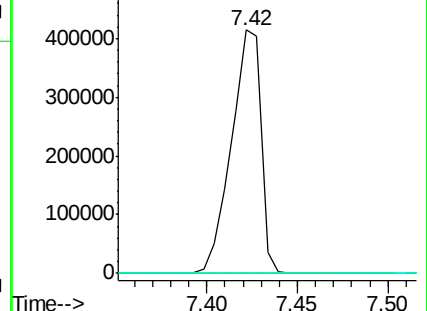
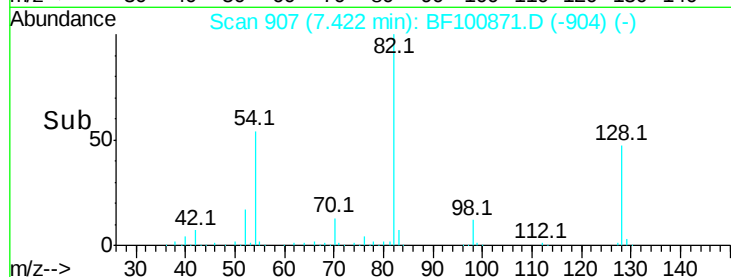
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 0.008 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF100871.D

Acq: 23 Nov 2017 13:19

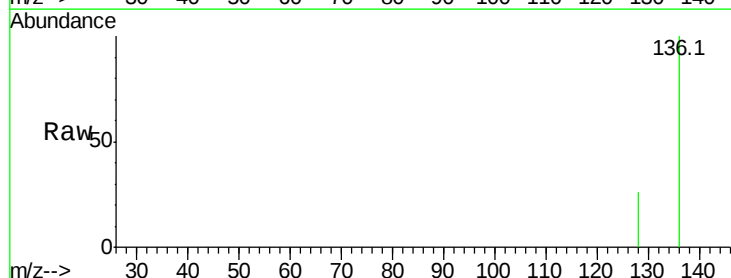
Tgt Ion: 128 Resp: 116

Ion Ratio Lower Upper

128 100

129 0.0 8.8 13.2#

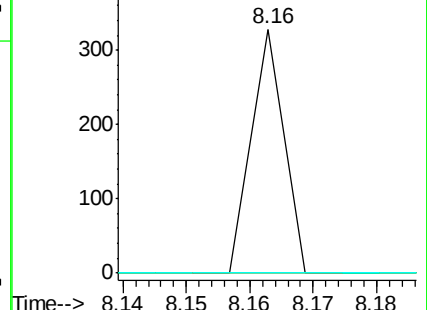
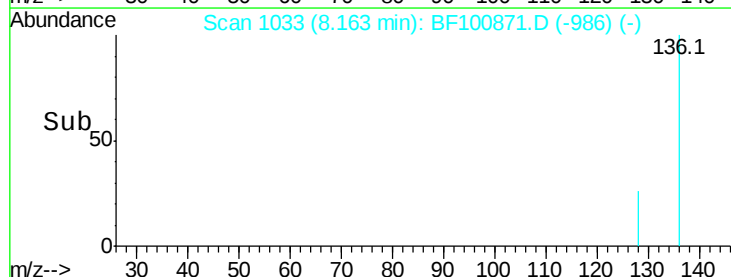
127 0.0 10.9 16.3#

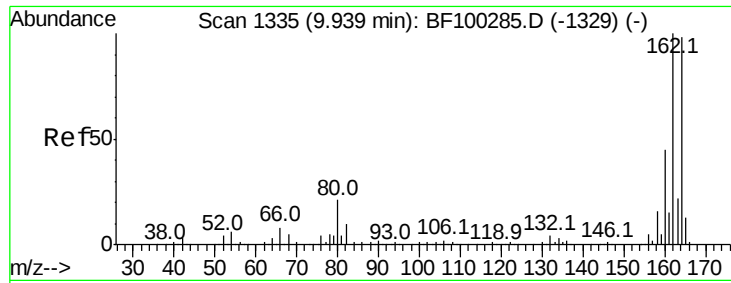


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

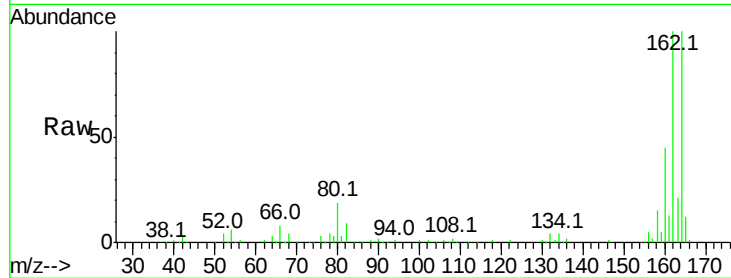




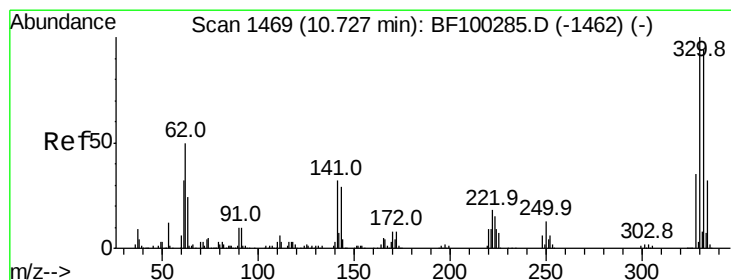
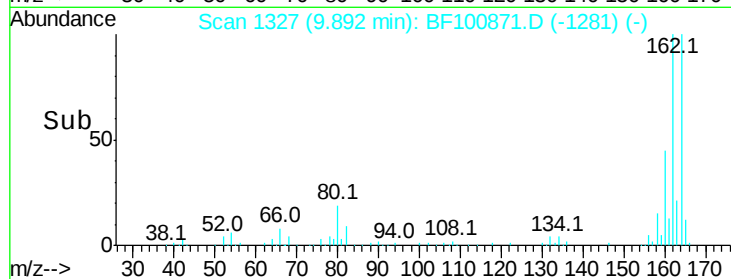
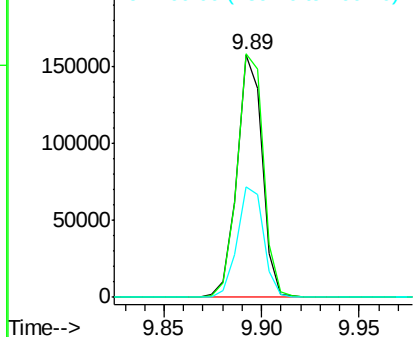
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.03 min
 Lab File: BF100871.D
 Acq: 23 Nov 2017 13:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.4	86.1	129.1
160	45.7	38.3	57.5

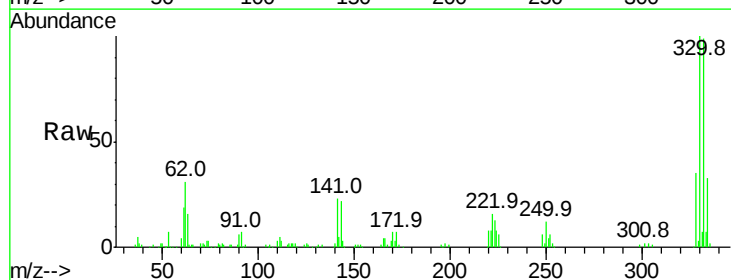


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

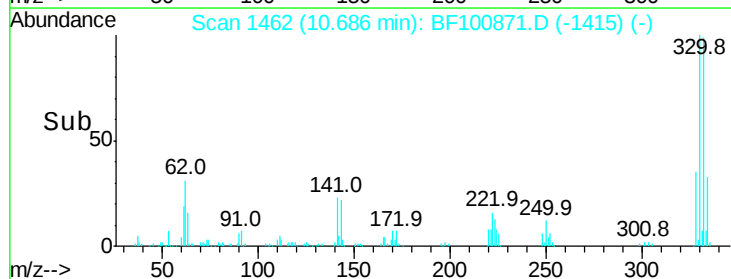
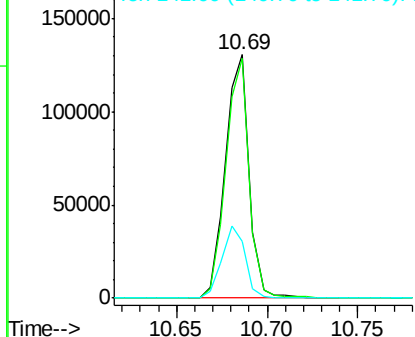


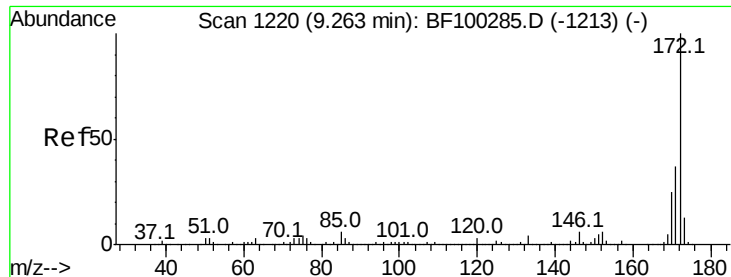
#41
 2,4,6-Tribromophenol
 Concen: 83.119 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.02 min
 Lab File: BF100871.D
 Acq: 23 Nov 2017 13:19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	29.0	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

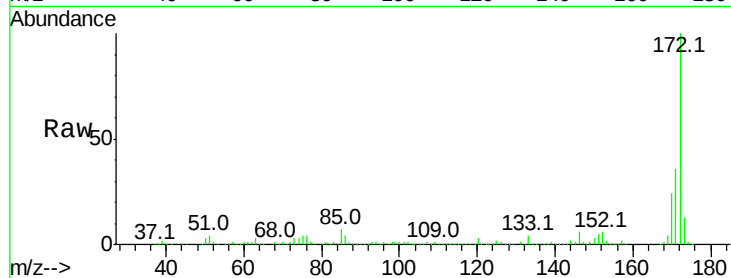




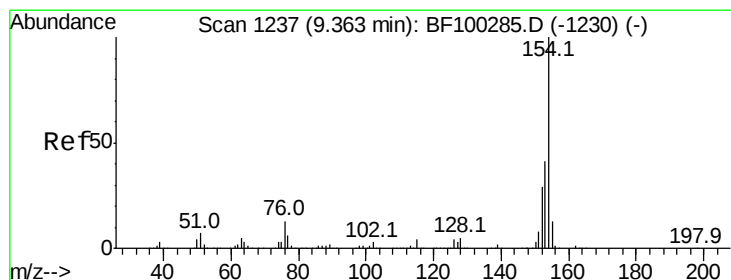
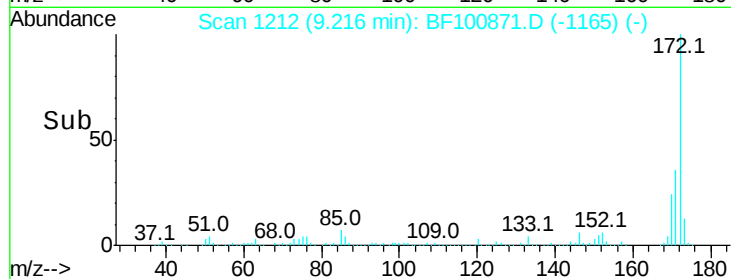
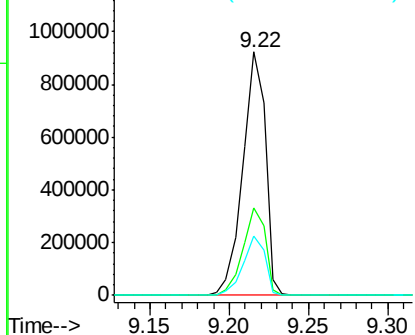
#44
 2-Fluorobiphenyl
 Concen: 98.652 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF100871.D
 Acq: 23 Nov 2017 13:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 912782
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.1 19.6 29.4

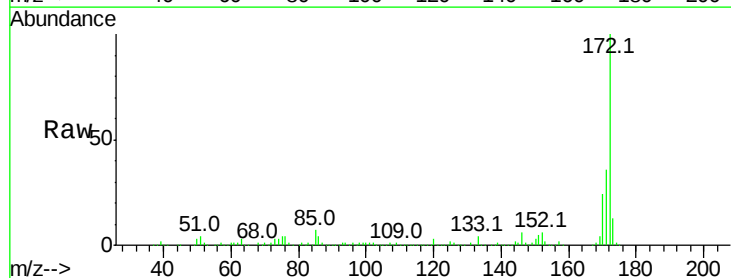


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

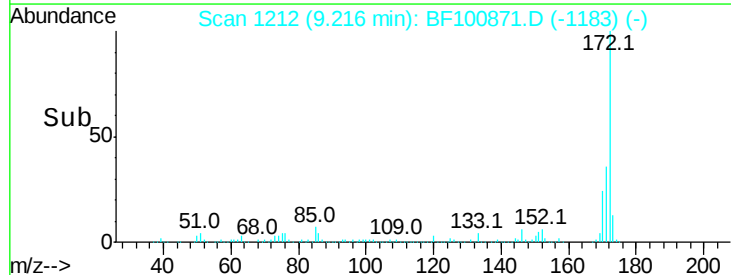
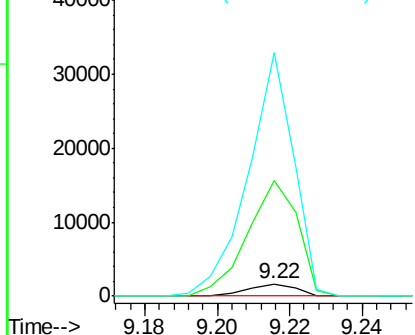


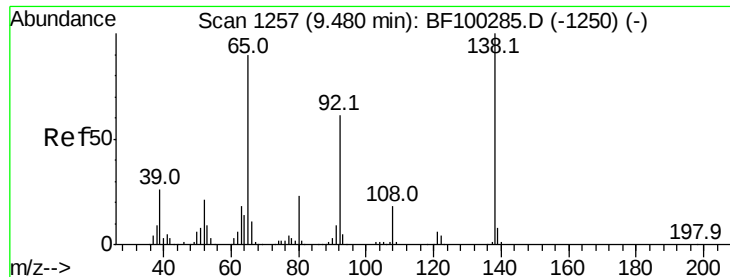
#45
 1,1'-Biphenyl
 Concen: 0.128 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.13 min
 Lab File: BF100871.D
 Acq: 23 Nov 2017 13:19

Tgt Ion:154 Resp: 1560
 Ion Ratio Lower Upper
 154 100
 153 946.4 21.3 61.3#
 76 2003.7 0.0 34.0#



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1





#47

2-Nitroaniline

Concen: 3.194 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.25 min

Lab File: BF100871.D

Acq: 23 Nov 2017 13:19

Instrument :

BNA_F

ClientSampleId :

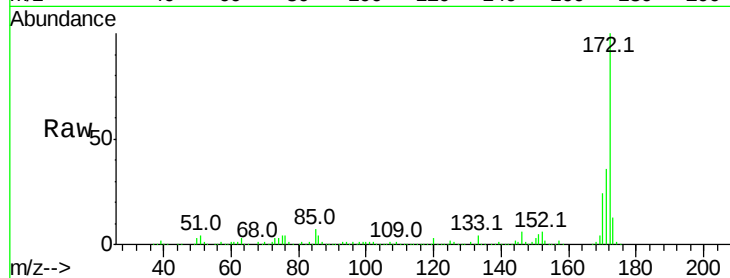
Tot Ion: 65 Resp: 1138

Ion Ratio Lower Upper

65 100

92 249.5 55.8 83.6#

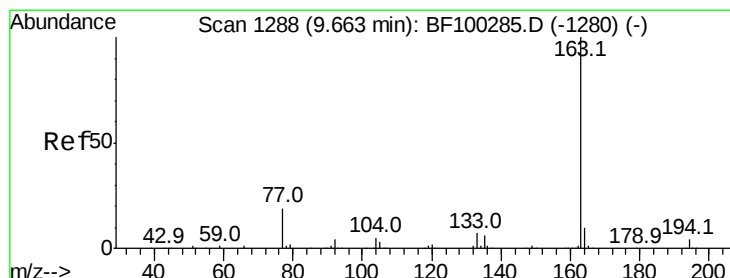
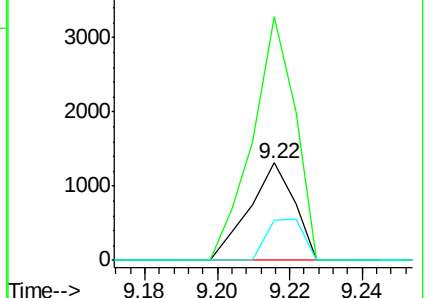
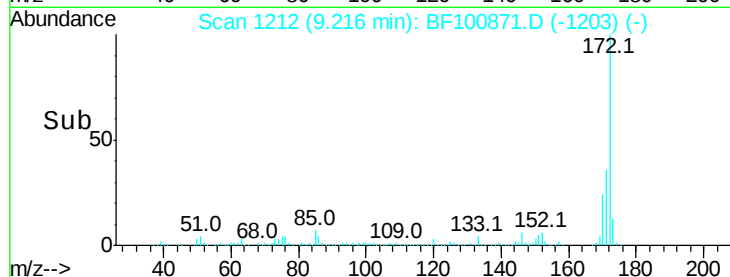
138 41.7 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#49

Dimethylphthalate

Concen: 1.106 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.04 min

Lab File: BF100871.D

Acq: 23 Nov 2017 13:19

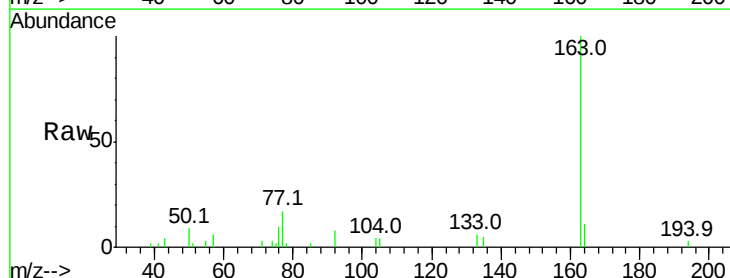
Tgt Ion:163 Resp: 11892

Ion Ratio Lower Upper

163 100

194 2.7 2.7 4.1#

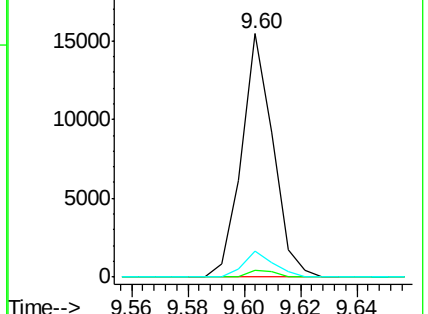
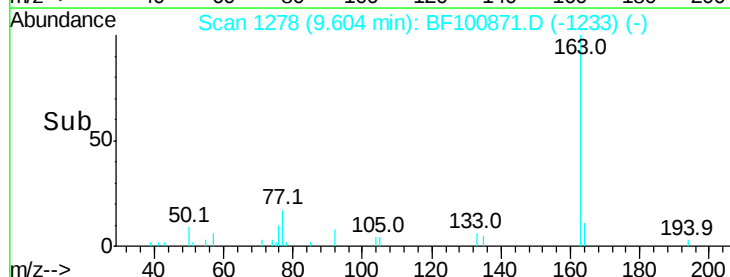
164 10.9 8.2 12.2

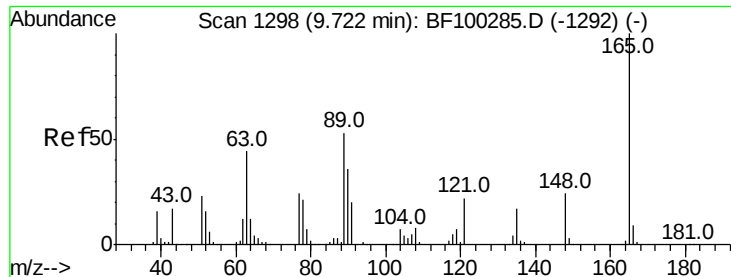


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 8.363 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.19 min

Lab File: BF100871.D

Acq: 23 Nov 2017 13:19

Instrument :

BNA_F

ClientSampled :

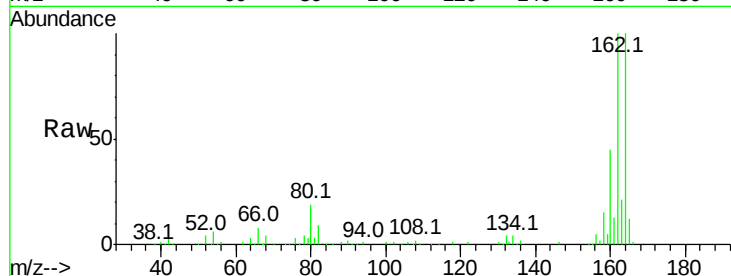
Tot Ion:165 Resp: 17807

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

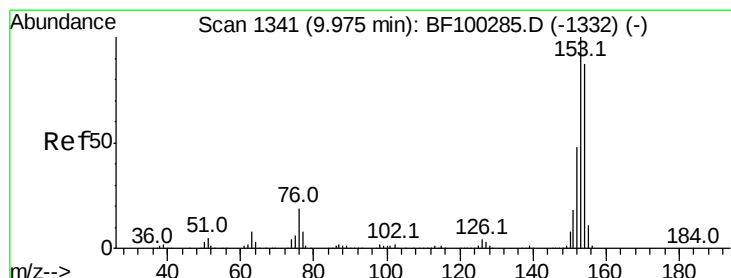
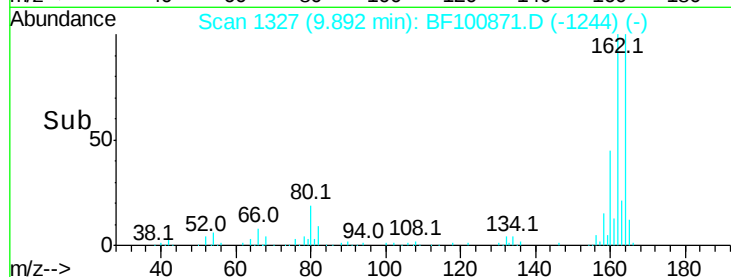
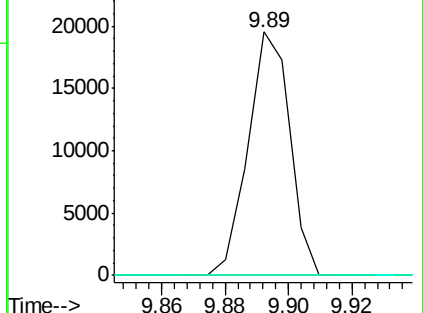
89 0.0 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#51

Acenaphthene

Concen: 0.035 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.06 min

Lab File: BF100871.D

Acq: 23 Nov 2017 13:19

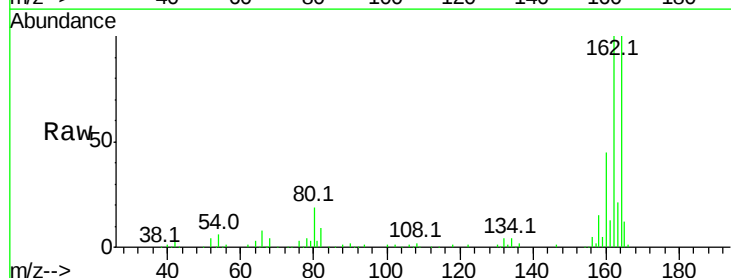
Tgt Ion:154 Resp: 315

Ion Ratio Lower Upper

154 100

153 0.0 91.2 136.8#

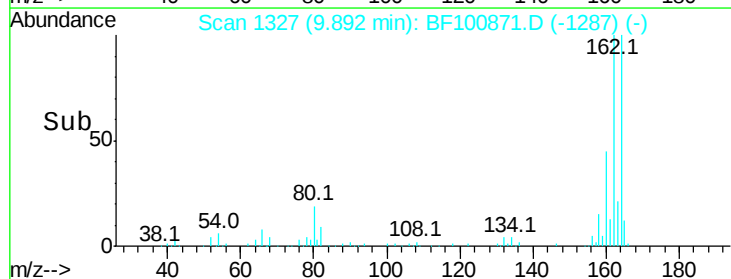
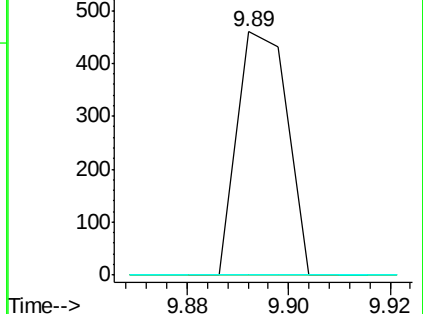
152 0.0 43.8 65.8#

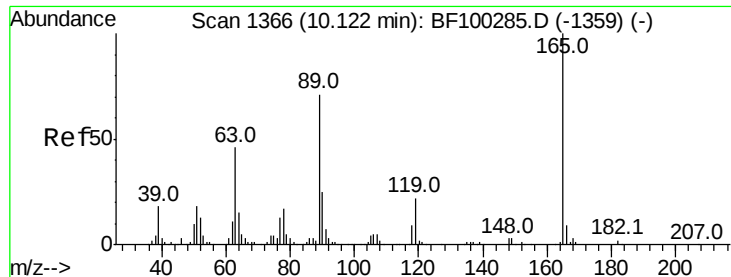


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

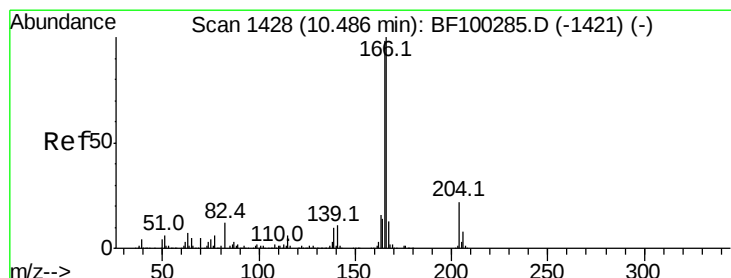
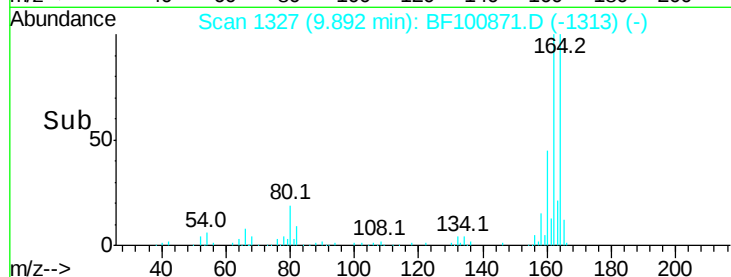
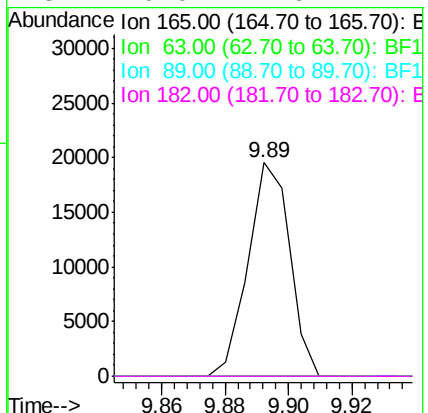
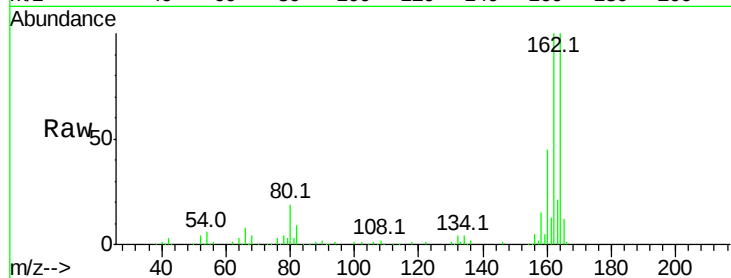




#56
2,4-Dinitrotoluene
Concen: 6.629 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.22 min
Lab File: BF100871.D
Acq: 23 Nov 2017 13:19

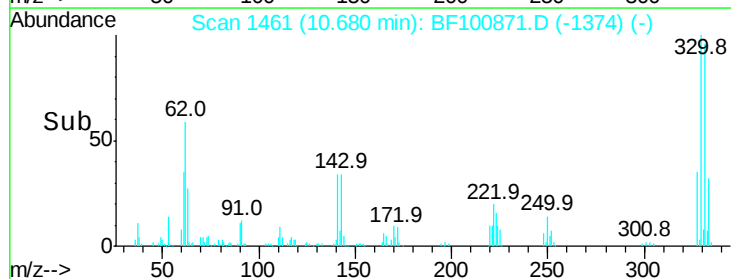
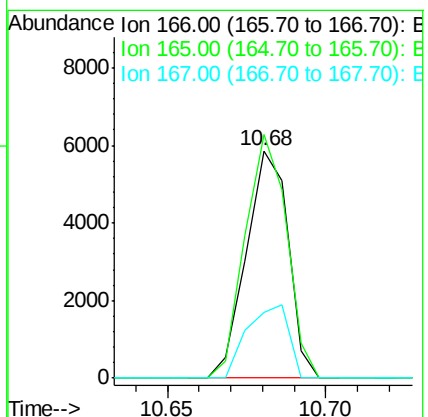
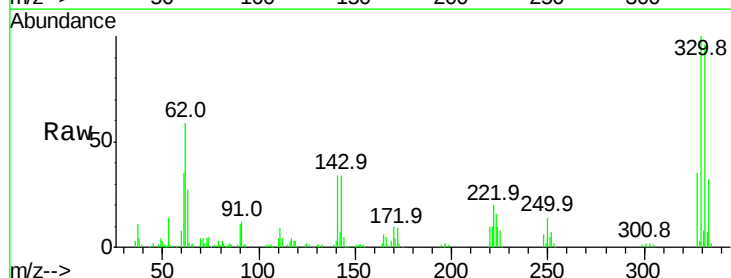
Instrument :
BNA_F
ClientSampleId :

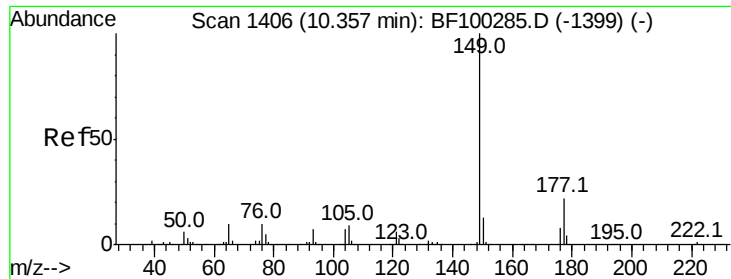
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#57
Fluorene
Concen: 0.588 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.21 min
Lab File: BF100871.D
Acq: 23 Nov 2017 13:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	107.0	79.8	119.8
167	28.7	10.6	16.0#

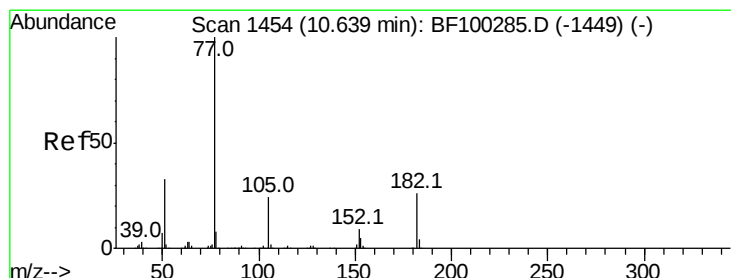
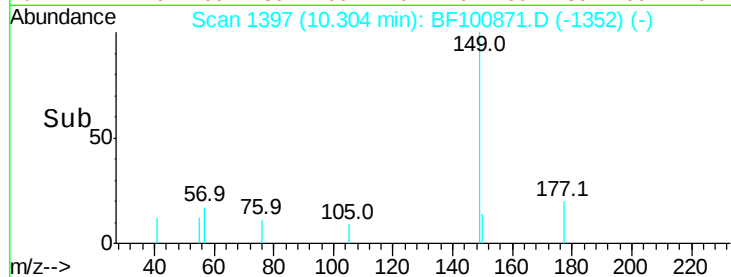
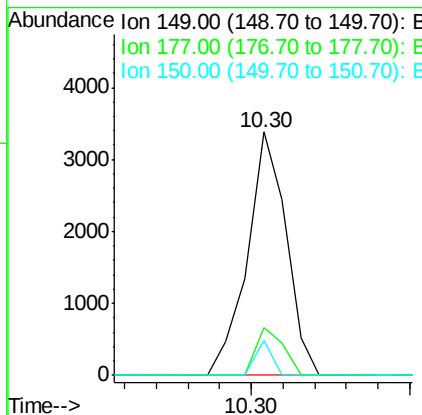
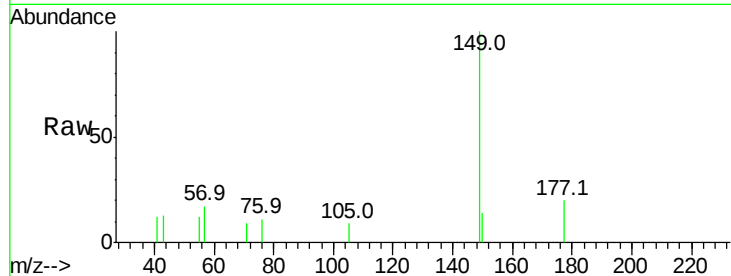




#59
Diethylphthalate
Concen: 0.267 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.04 min
Lab File: BF100871.D
Acq: 23 Nov 2017 13:19

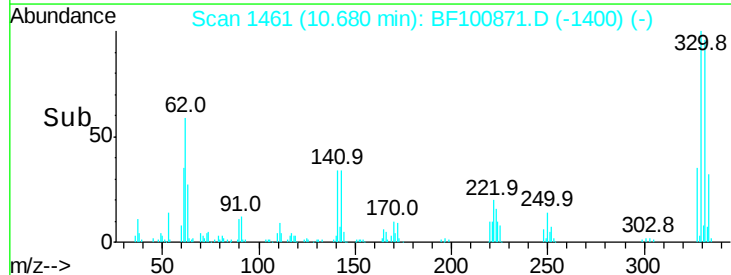
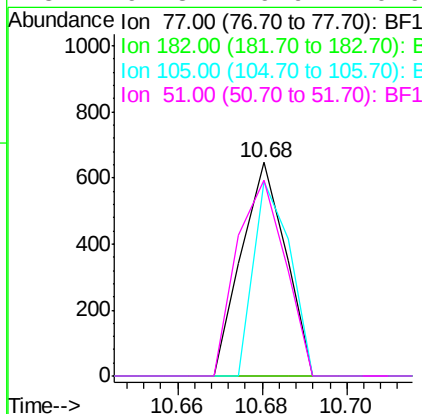
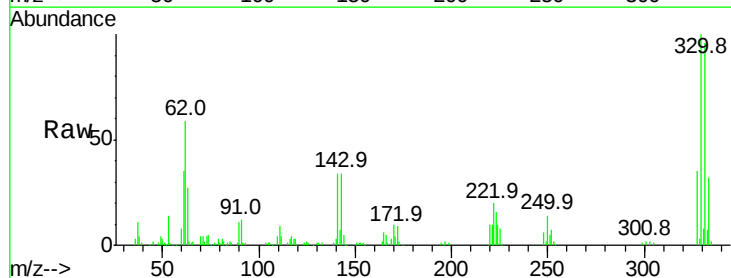
Instrument :
BNA_F
ClientSampleId :

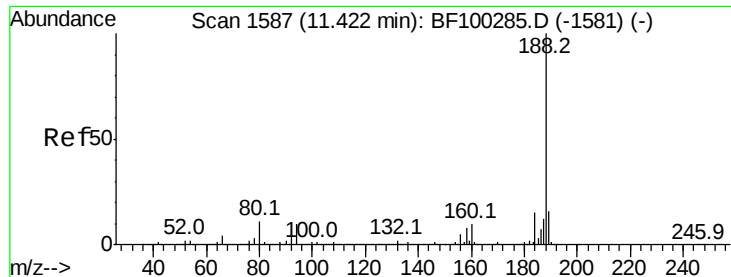
Tot Ion:149 Resp: 2874
Ion Ratio Lower Upper
149 100
177 19.5 16.1 24.1
150 14.2 10.1 15.1



#62
Azobenzene
Concen: 0.047 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.06 min
Lab File: BF100871.D
Acq: 23 Nov 2017 13:19

Tgt Ion: 77 Resp: 472
Ion Ratio Lower Upper
77 100
182 0.0 1.7 41.7#
105 91.2 3.0 43.0#
51 91.8 9.9 49.9#

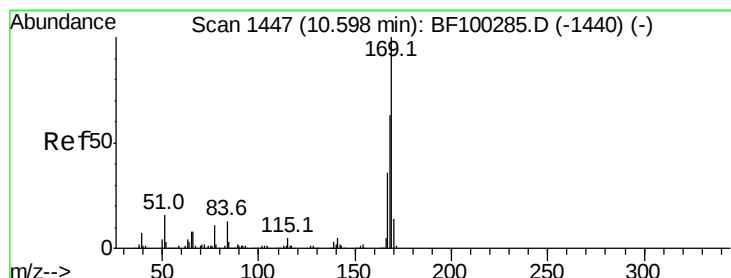
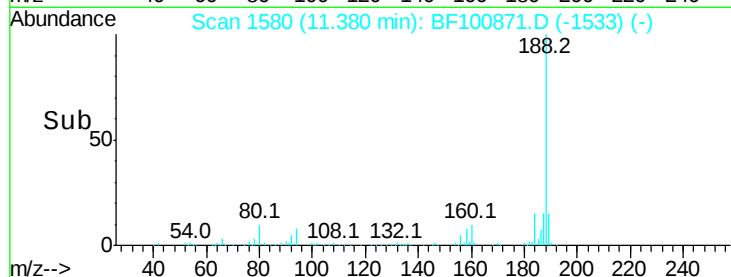
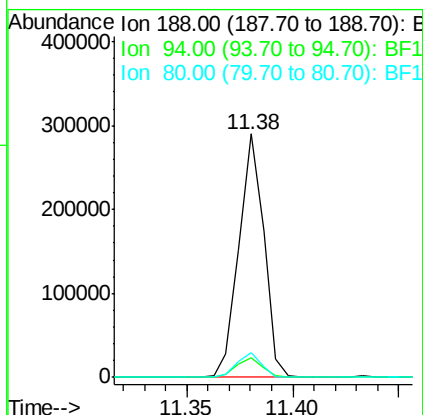
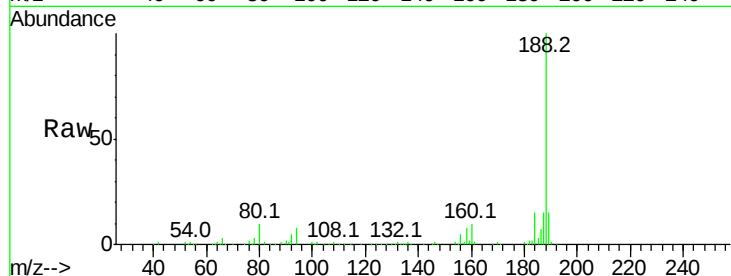




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF100871.D
Acq: 23 Nov 2017 13:19

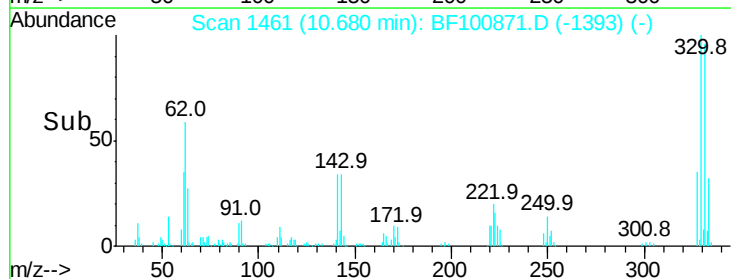
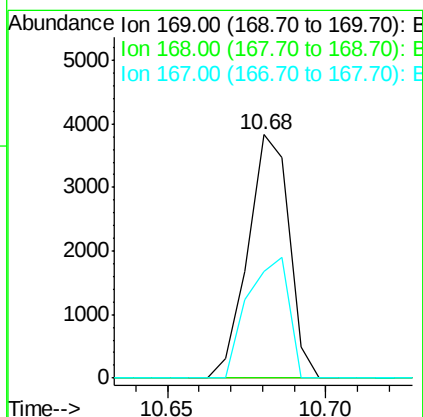
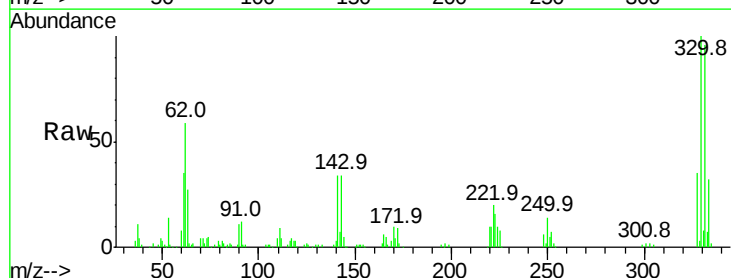
Instrument :
BNA_F
ClientSampleId :

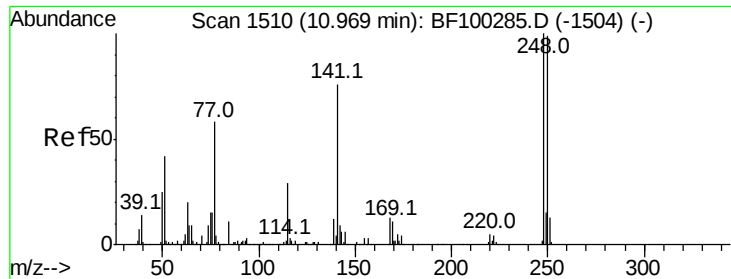
Tot Ion:188 Resp: 237522
Ion Ratio Lower Upper
188 100
94 8.2 8.5 12.7#
80 9.9 9.2 13.8



#65
n-Nitrosodiphenylamine
Concen: 0.417 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.10 min
Lab File: BF100871.D
Acq: 23 Nov 2017 13:19

Tgt Ion:169 Resp: 3446
Ion Ratio Lower Upper
169 100
168 0.0 54.4 81.6#
167 43.9 29.8 44.6

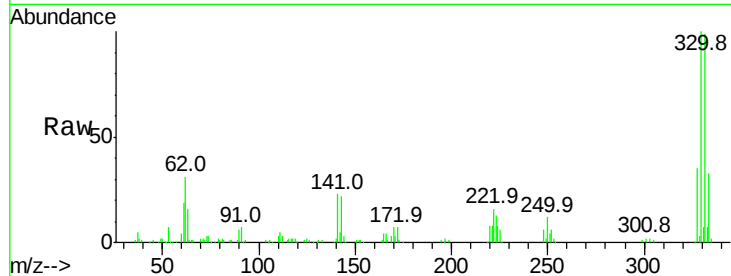




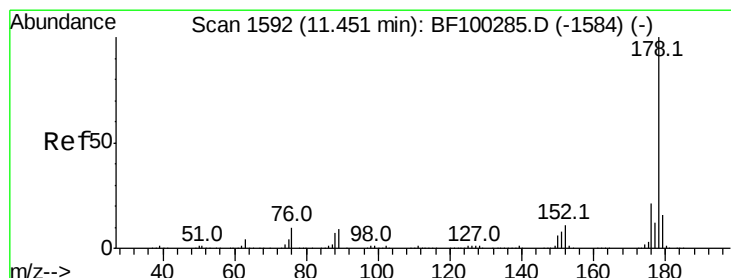
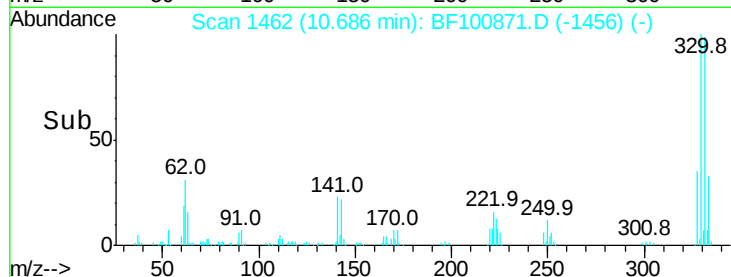
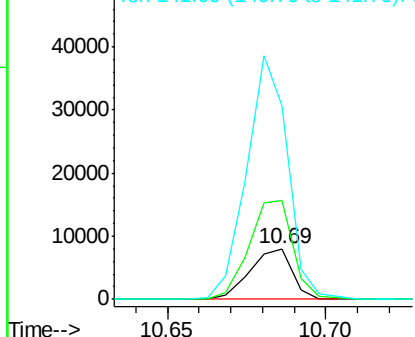
#66
4-Bromophenyl-phenylether
Concen: 2.910 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.26 min
Lab File: BF100871.D
Acq: 23 Nov 2017 13:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 7409
Ion Ratio Lower Upper
248 100
250 194.8 76.9 115.3#
141 380.6 74.4 111.6#

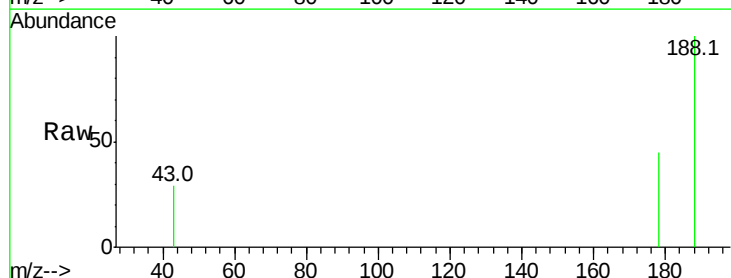


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

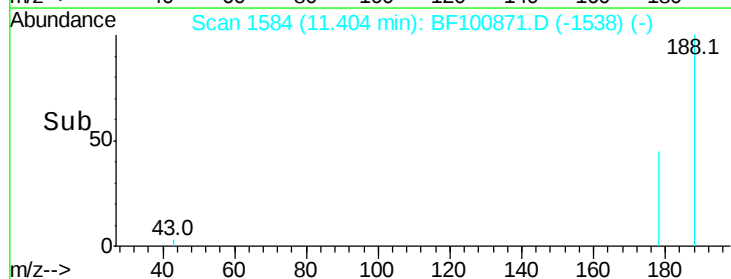
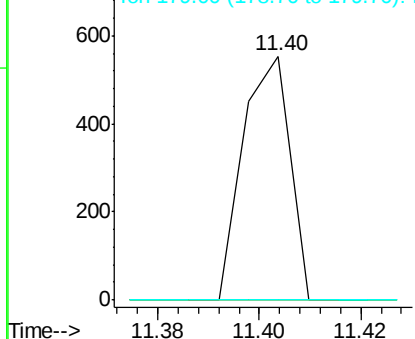


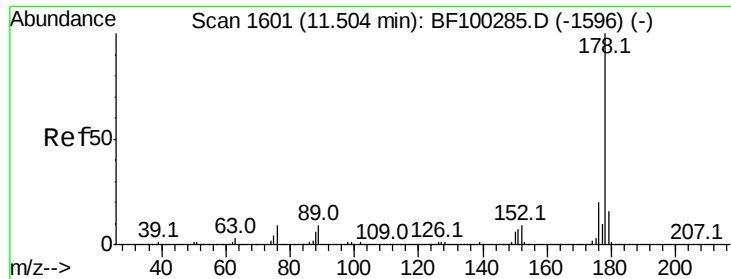
#70
Phenanthrene
Concen: 0.028 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.03 min
Lab File: BF100871.D
Acq: 23 Nov 2017 13:19

Tgt Ion:178 Resp: 354
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: 0.028 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.08 min

Lab File: BF100871.D

Acq: 23 Nov 2017 13:19

Instrument :

BNA_F

ClientSampleId :

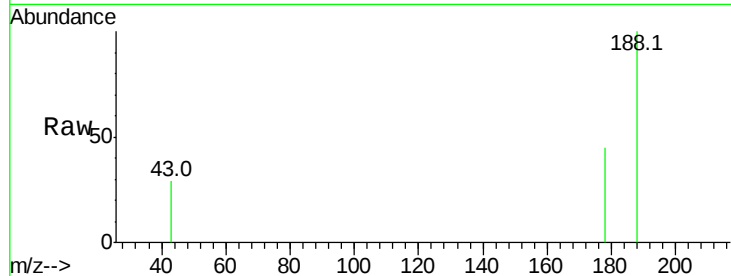
Tot Ion:178 Resp: 354

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.2#

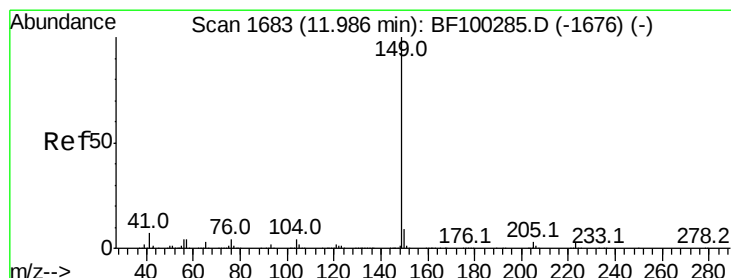
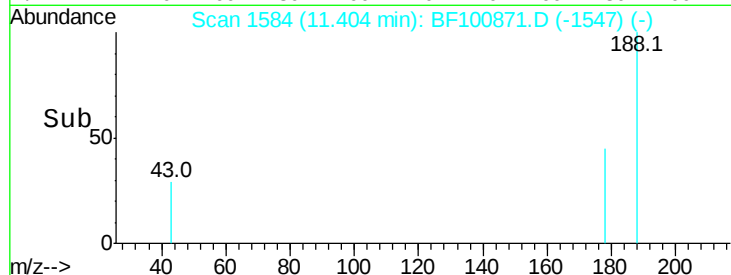
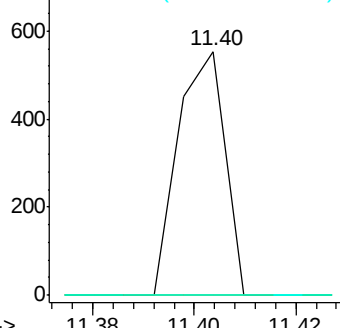
179 0.0 12.6 19.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Di-n-butylphthalate

Concen: 0.577 ng

RT: 11.93 min Scan# 1674

Delta R.T. -0.03 min

Lab File: BF100871.D

Acq: 23 Nov 2017 13:19

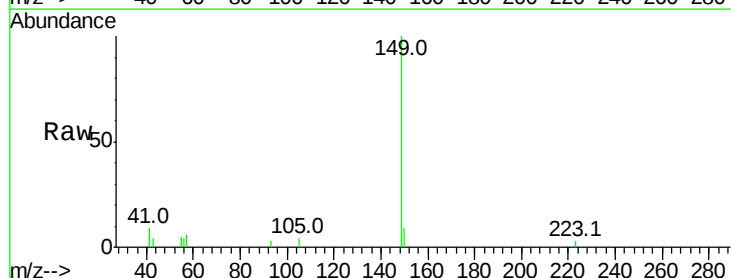
Tgt Ion:149 Resp: 7905

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

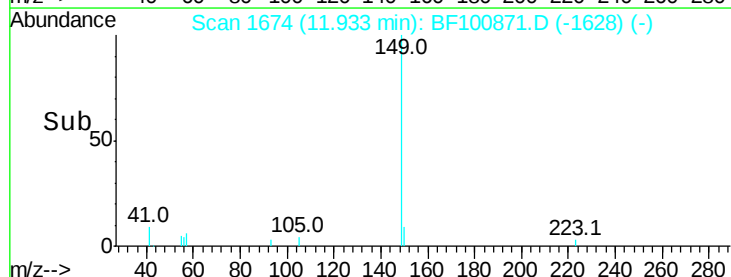
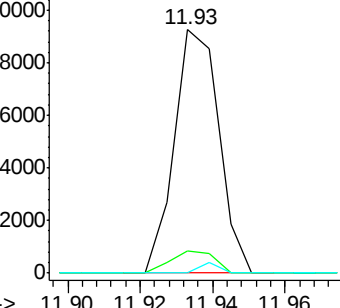
104 0.0 3.8 5.8#

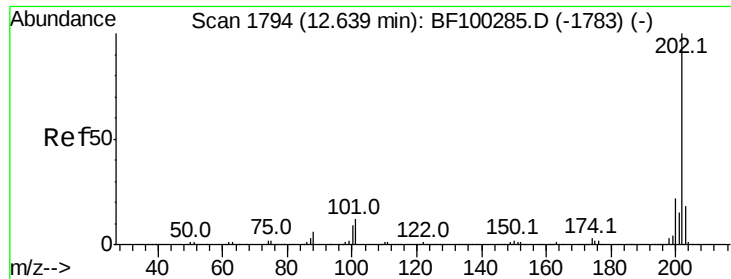


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

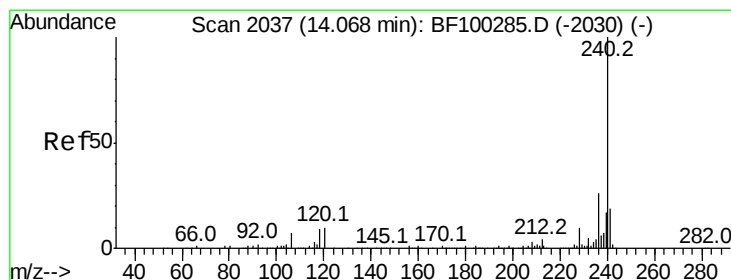
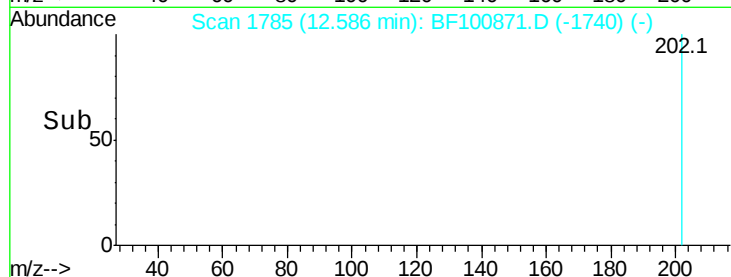
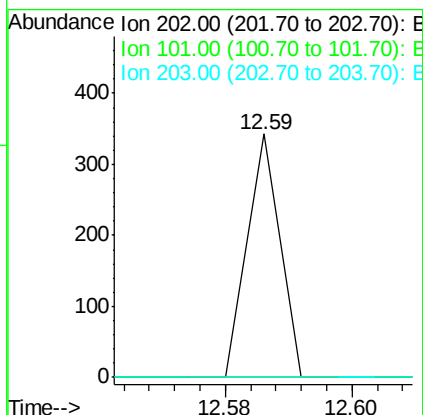
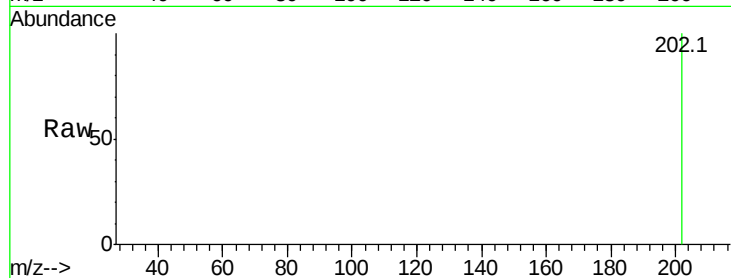




#74
Fluoranthene
 Concen: 0.009 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. -0.04 min
 Lab File: BF100871.D
 Acq: 23 Nov 2017 13:19

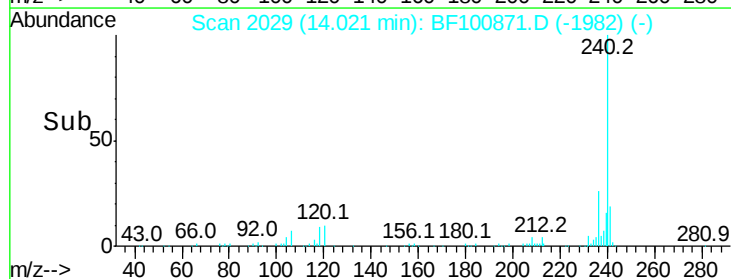
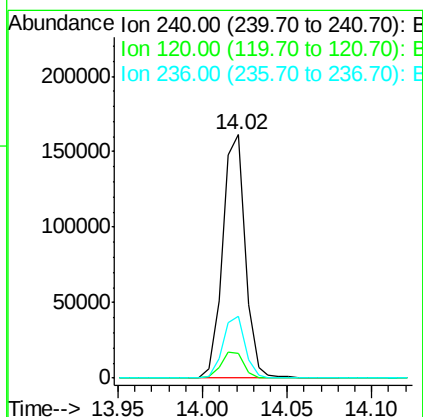
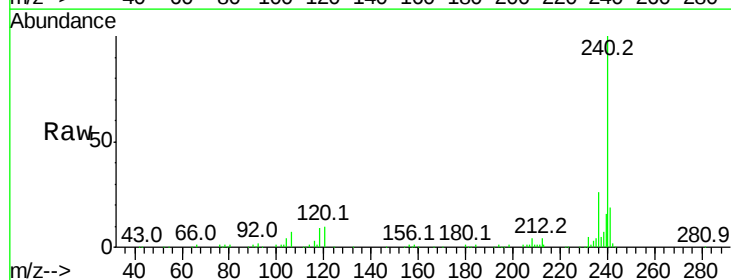
Instrument :
 BNA_F
 ClientSampleId :

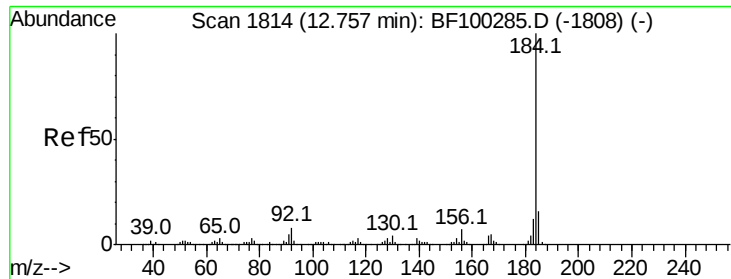
Tot Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	34.1
203	0.0	0.0	38.1



#75
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.02 min
 Lab File: BF100871.D
 Acq: 23 Nov 2017 13:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	25.5	20.7	31.1

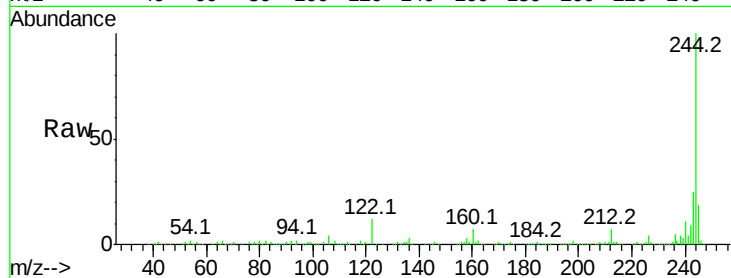




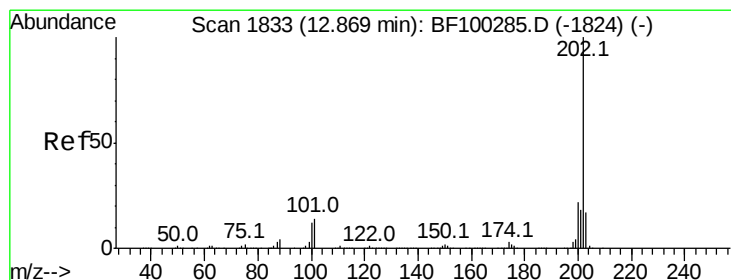
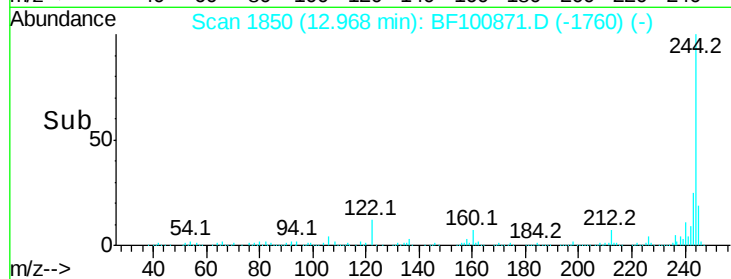
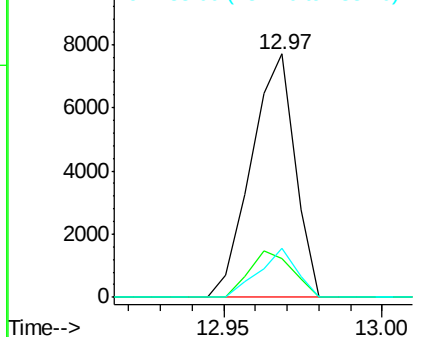
#76
Benzidine
Concen: 1.223 ng
RT: 12.97 min Scan# 1850
Delta R.T. 0.23 min
Lab File: BF100871.D
Acq: 23 Nov 2017 13:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 7374
Ion Ratio Lower Upper
184 100
185 15.9 12.6 18.8
183 20.3 9.3 13.9#

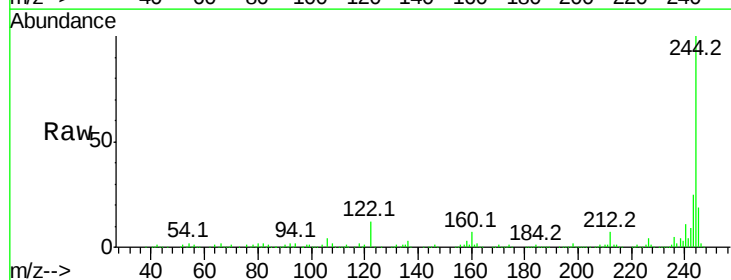


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

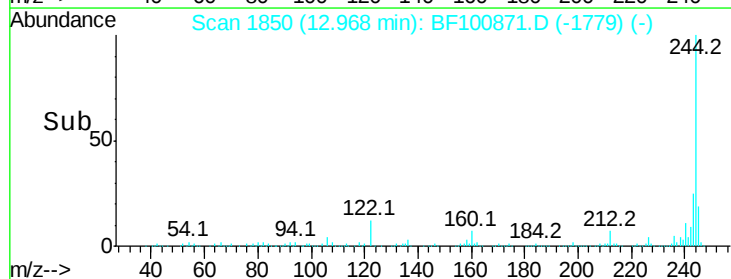
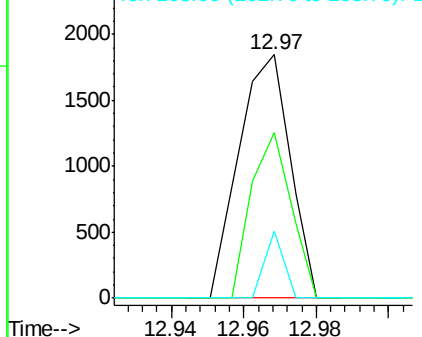


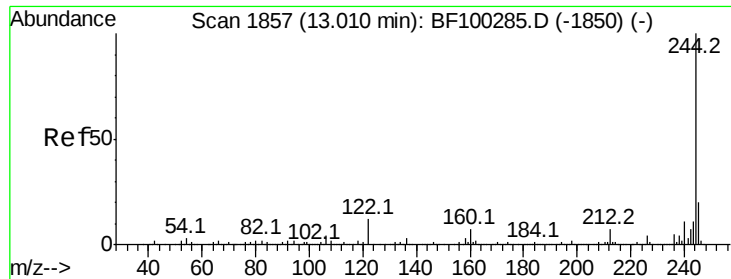
#77
Pyrene
Concen: 0.169 ng
RT: 12.97 min Scan# 1850
Delta R.T. 0.12 min
Lab File: BF100871.D
Acq: 23 Nov 2017 13:19

Tgt Ion:202 Resp: 1809
Ion Ratio Lower Upper
202 100
200 67.8 17.4 26.2#
203 27.6 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: 95.808 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.02 min

Lab File: BF100871.D

Acq: 23 Nov 2017 13:19

Instrument :

BNA_F

ClientSampleId :

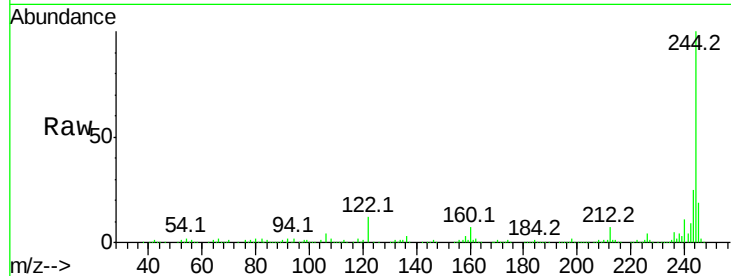
Tot Ion:244 Resp: 627722

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

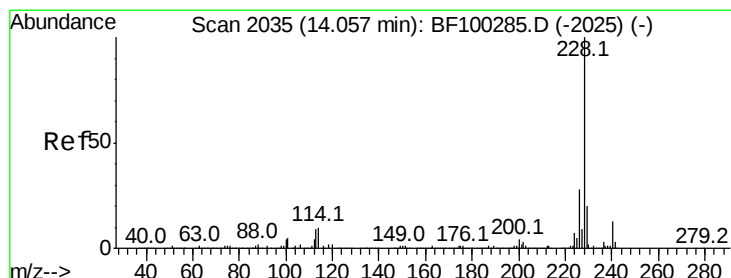
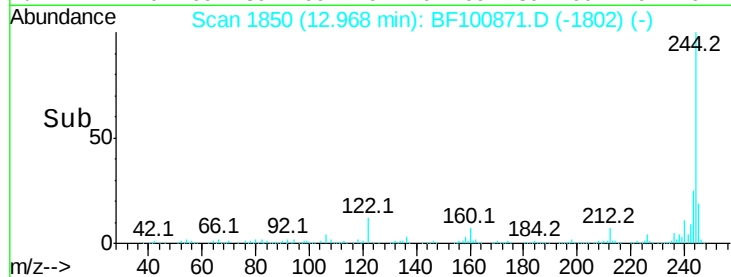
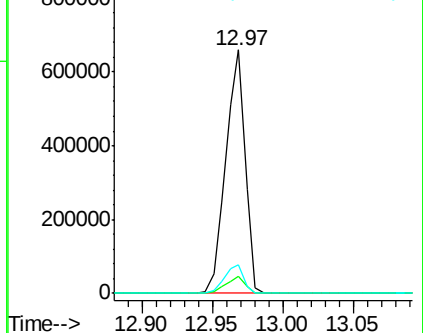
122 11.7 11.0 16.4



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# 2029

Delta R.T. -0.01 min

Lab File: BF100871.D

Acq: 23 Nov 2017 13:19

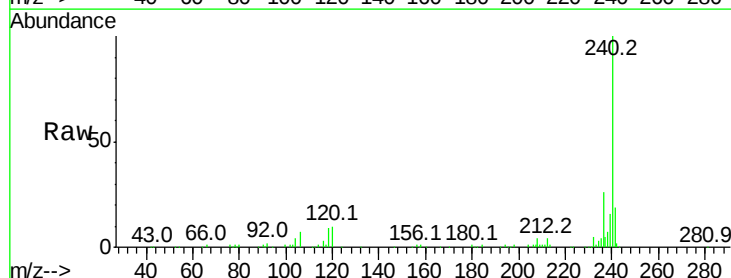
Tgt Ion:228 Resp: 311

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

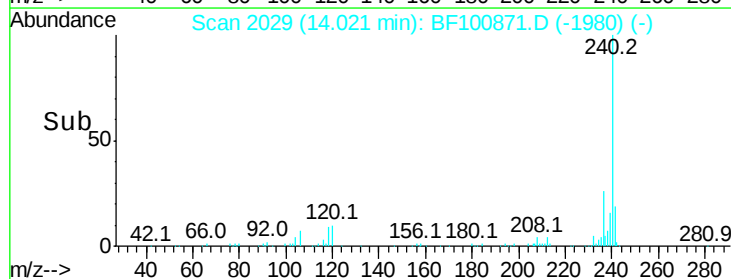
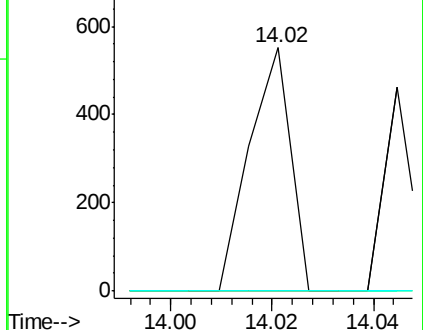
229 0.0 15.8 23.6#

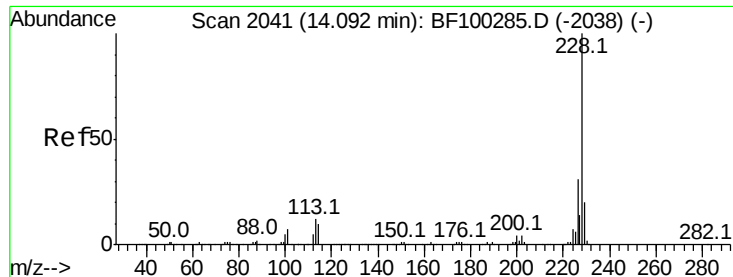


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 0.019 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.03 min

Lab File: BF100871.D

Acq: 23 Nov 2017 13:19

Instrument :

BNA_F

ClientSampleId :

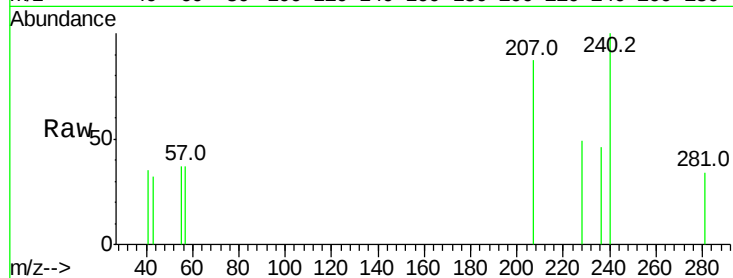
Tot Ion:228 Resp: 163

Ion Ratio Lower Upper

228 100

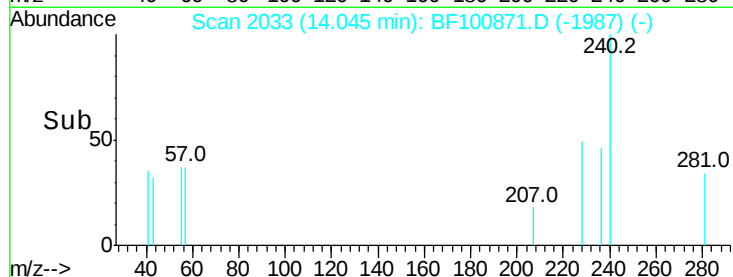
226 0.0 25.0 37.6#

229 0.0 16.2 24.4#

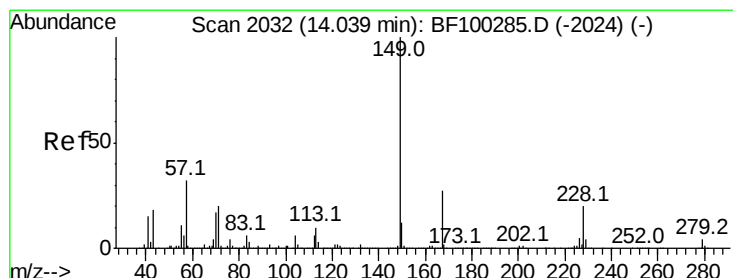


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

14.04



Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.141 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF100871.D

Acq: 23 Nov 2017 13:19

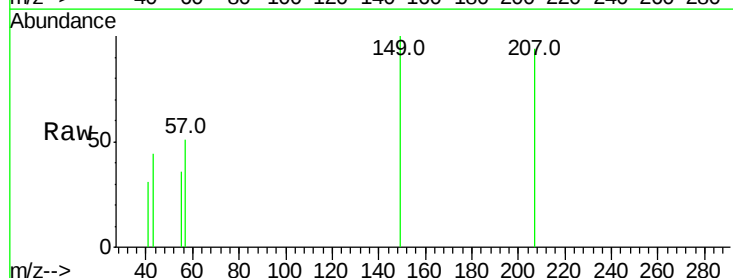
Tgt Ion:149 Resp: 812

Ion Ratio Lower Upper

149 100

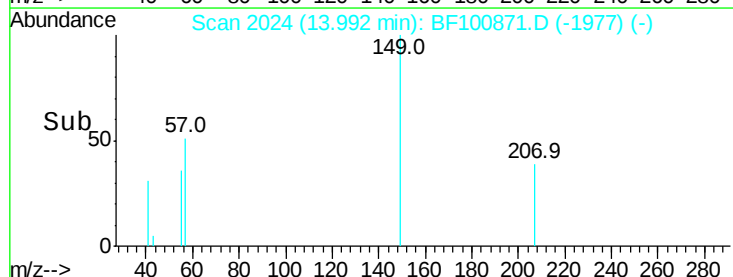
167 0.0 21.3 31.9#

279 0.0 3.0 4.4#

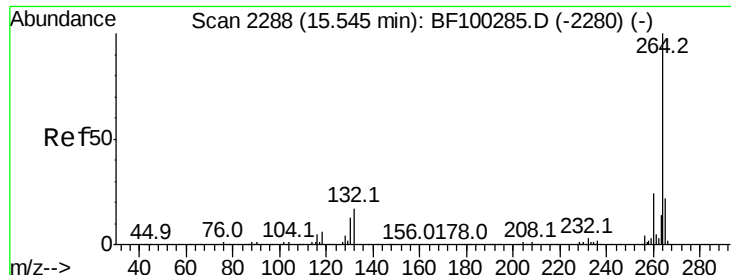


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

13.99



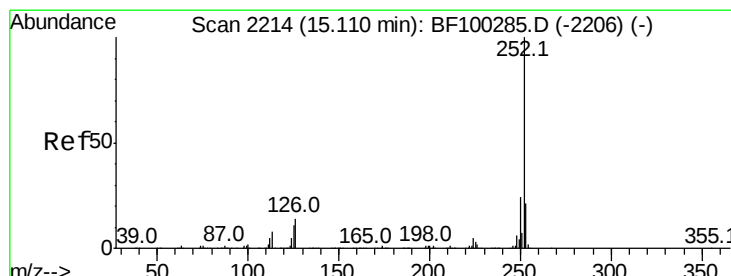
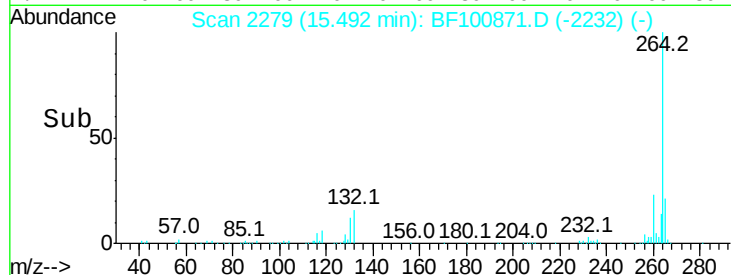
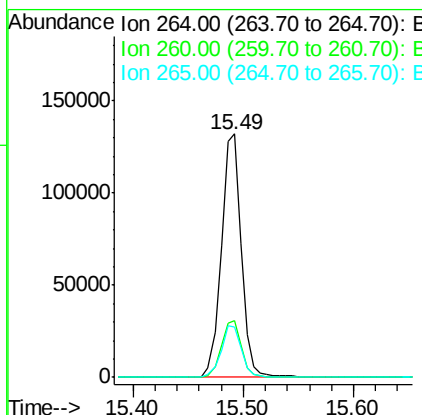
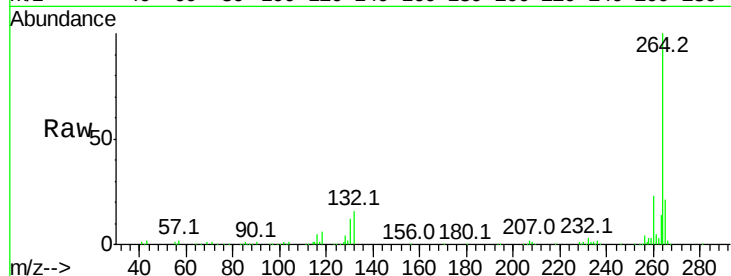
Time-->



#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BF100871.D
 Acq: 23 Nov 2017 13:19

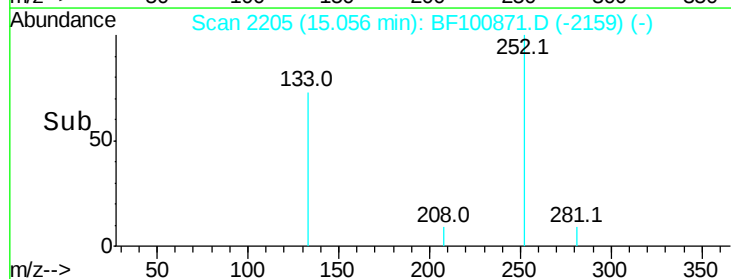
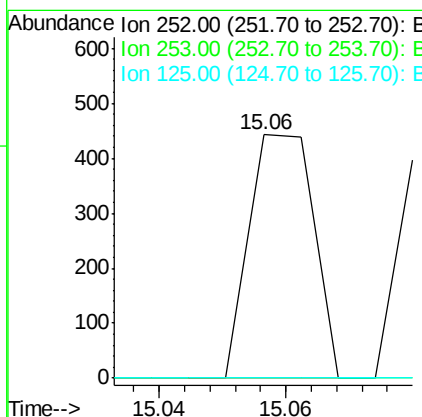
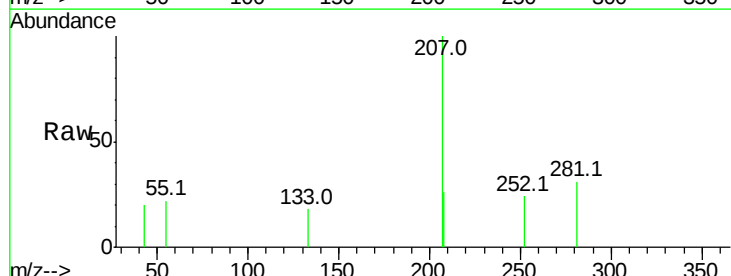
Instrument :
 BNA_F
 ClientSampleId :

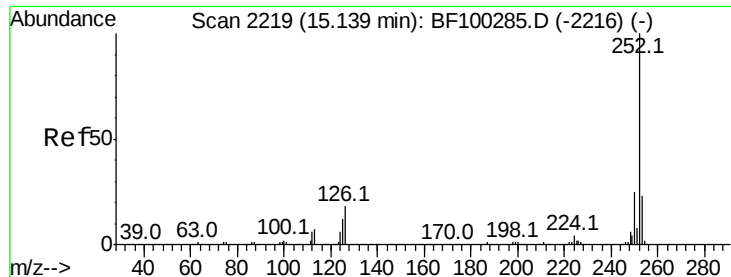
Tot Ion:264 Resp: 167158
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 20.9 17.5 26.3



#87
 Benzo(b)fluoranthene
 Concen: 0.031 ng
 RT: 15.06 min Scan# 2205
 Delta R.T. -0.03 min
 Lab File: BF100871.D
 Acq: 23 Nov 2017 13:19

Tgt Ion:252 Resp: 311
 Ion Ratio Lower Upper
 252 100
 253 0.0 17.0 25.6#
 125 0.0 9.0 13.6#

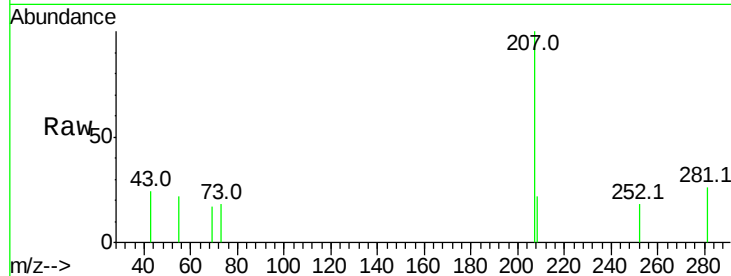




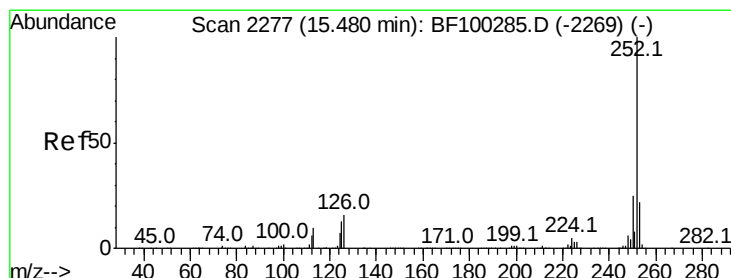
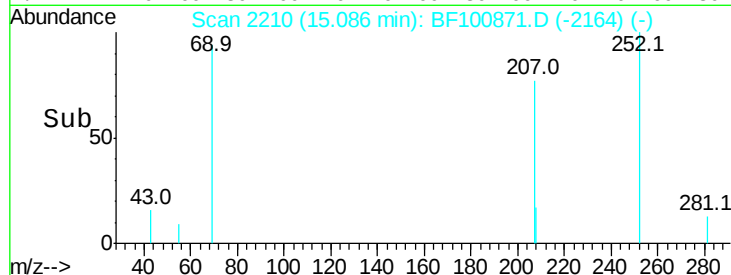
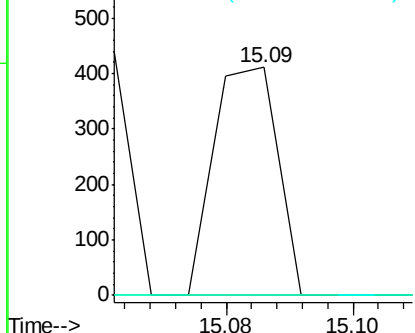
#88
Benzo(k)fluoranthene
Concen: 0.030 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.03 min
Lab File: BF100871.D
Acq: 23 Nov 2017 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 285
Ion Ratio Lower Upper
252 100
253 0.0 17.9 26.9#
125 0.0 10.2 15.2#

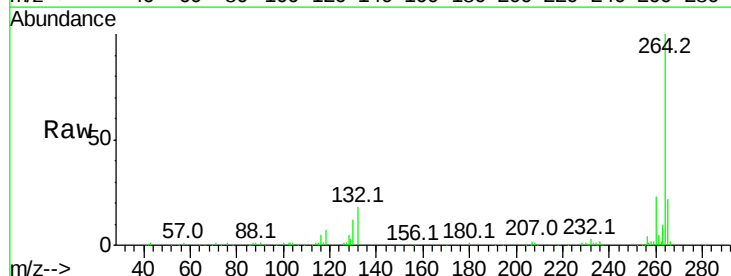


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(a)pyrene
Concen: 0.032 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.03 min
Lab File: BF100871.D
Acq: 23 Nov 2017 13:19

Tgt Ion:252 Resp: 283
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

