

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100831.D
 Acq On : 22 Nov 2017 19:00
 Operator : SJ/JU
 Sample : PB104479BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 23:35:49 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	79133	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	322091	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	156529	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	320343	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	219291	20.00	ng	-0.02
86) Perylene-d12	15.49	264	172758	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	612878	124.15	ng	0.00
7) Phenol-d6	6.49	99	729218	119.79	ng	-0.02
23) Nitrobenzene-d5	7.42	82	461147	94.66	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	215582	135.16	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	958091	93.20	ng	-0.02
78) Terphenyl-d14	12.97	244	981077	102.80	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.63	93	849	0.099	ng	# 1
8) 2-Chlorophenol	6.65	128	114	0.022	ng	# 20
9) Benzaldehyde	6.49	77	1140	0.262	ng	# 1
10) Phenol	6.63	94	1214	0.190	ng	# 1
11) bis(2-Chloroethyl)ether	6.63	93	849	0.158	ng	# 1
15) Benzyl Alcohol	7.02	79	7474	1.573	ng	# 39
19) n-Nitroso-di-n-propylamine	7.42	70	59641	14.127	ng	# 82
22) Acetophenone	7.29	105	2940	0.374	ng	# 91
24) Nitrobenzene	7.42	77	2455	0.490	ng	# 38
25) Isophorone	7.42	82	461142	45.044	ng	# 64
45) 1,1'-Biphenyl	9.32	154	2575	0.190	ng	# 99
47) 2-Nitroaniline	9.22	65	1143	3.155	ng	# 1
50) 2,6-Dinitrotoluene	9.90	165	20229	8.551	ng	# 25
51) Acenaphthene	9.90	154	518	0.052	ng	# 4
56) 2,4-Dinitrotoluene	9.90	165	20229	6.778	ng	# 22
57) Fluorene	10.69	166	9793	0.964	ng	# 88
59) Diethylphthalate	10.31	149	20048	1.676	ng	# 94
62) Azobenzene	10.69	77	1024	0.091	ng	# 3
64) 4,6-Dinitro-2-methylphenol	10.69	198	411	8.779	ng	# 1
65) n-Nitrosodiphenylamine	10.69	169	6695	0.601	ng	# 44
66) 4-Bromophenyl-phenylether	10.69	248	13325	3.880	ng	# 1
70) Phenanthrene	11.40	178	362	0.021	ng	# 59
71) Anthracene	11.40	178	362	0.021	ng	# 60
72) Carbazole	11.60	167	913	0.058	ng	# 59
73) Di-n-butylphthalate	11.94	149	4937	0.267	ng	# 90
74) Fluoranthene	12.59	202	1080	0.060	ng	# 62
76) Benzidine	12.97	184	11593	1.320	ng	# 95
77) Pyrene	12.83	202	1356	0.087	ng	# 55
79) Butylbenzylphthalate	13.44	149	1432	0.225	ng	# 93
80) Benzo(a)anthracene	14.01	228	4362	0.330	ng	# 89
82) Chrysene	14.04	228	4359	0.341	ng	# 89
83) Bis(2-ethylhexyl)phthalate	13.99	149	4530	0.540	ng	# 94
84) Di-n-octyl phthalate	14.60	149	3746	0.260	ng	# 75
85) Indeno(1,2,3-cd)pyrene	16.96	276	2172	0.210	ng	# 61

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Response via : Initial Calibration

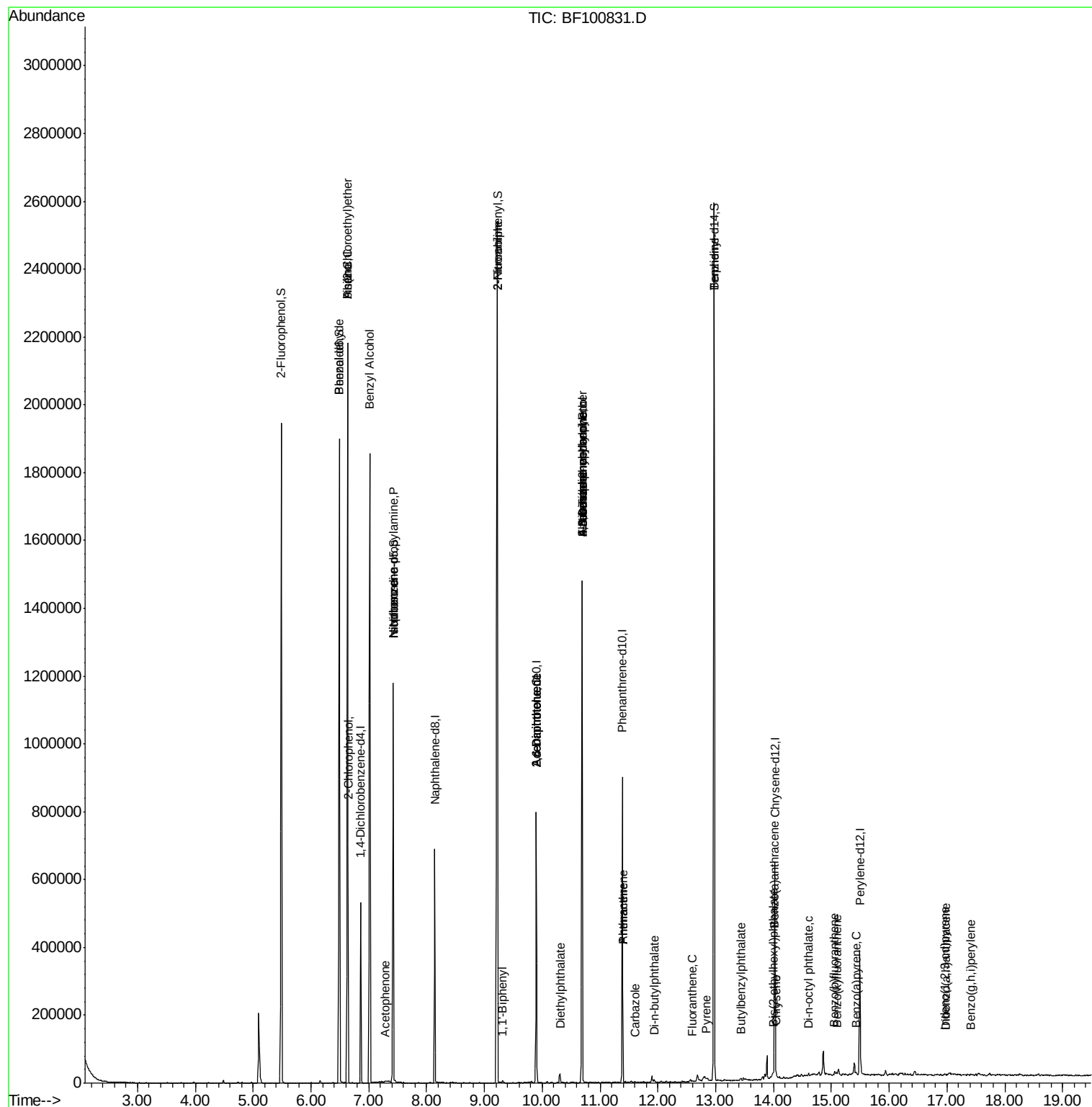
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) Benzo(b)fluoranthene	15.06	252	5424	0.530	ng	# 94
88) Benzo(k)fluoranthene	15.09	252	4451	0.460	ng	# 95
89) Benzo(a)pyrene	15.43	252	4379	0.483	ng	# 85
90) Dibenzo(a,h)anthracene	16.98	278	1363	0.184	ng	# 56
91) Benzo(g,h,i)perylene	17.41	276	1446	0.199	ng	# 50

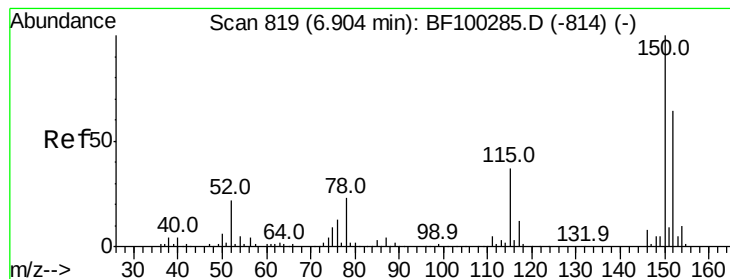
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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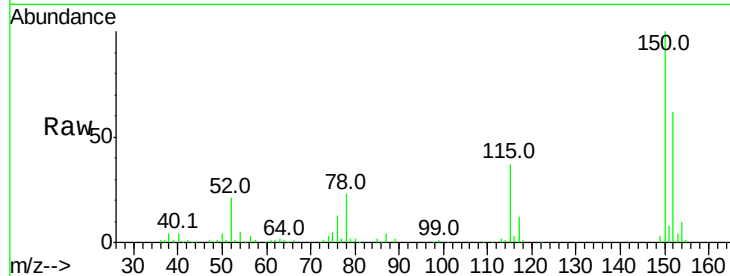


#1

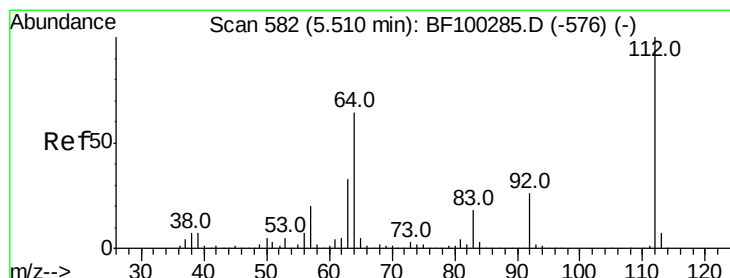
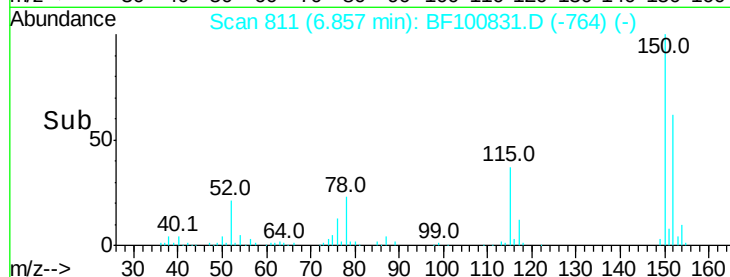
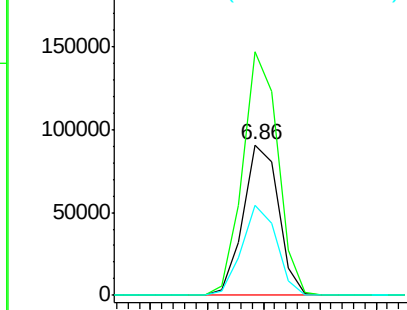
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100831.D
Acq: 22 Nov 2017 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.9	124.6	186.8
115	60.1	50.1	75.1



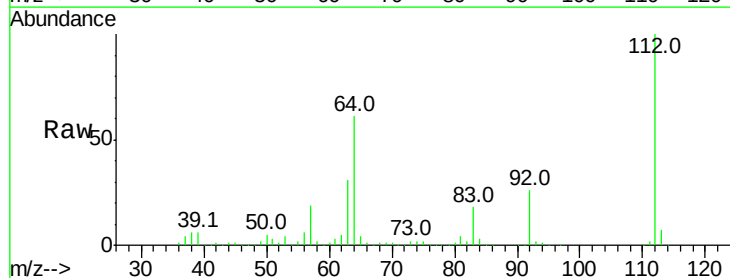
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



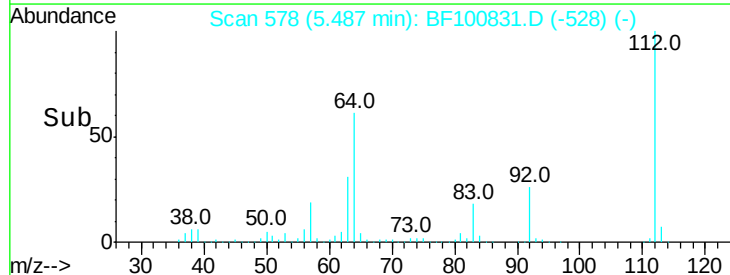
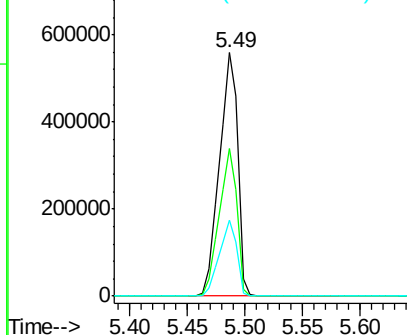
#5

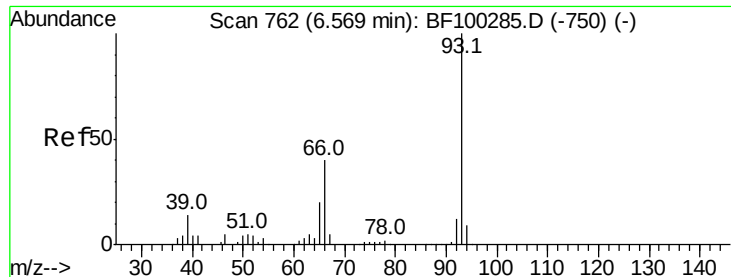
2-Fluorophenol
Concen: 124.150 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF100831.D
Acq: 22 Nov 2017 19:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.9	71.9
63	31.2	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: 0.099 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.08 min

Lab File: BF100831.D

Acq: 22 Nov 2017 19:00

Instrument :

BNA_F

ClientSampleId :

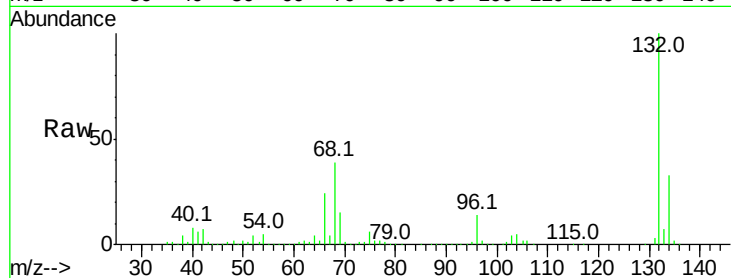
Tot Ion: 93 Resp: 849

Ion Ratio Lower Upper

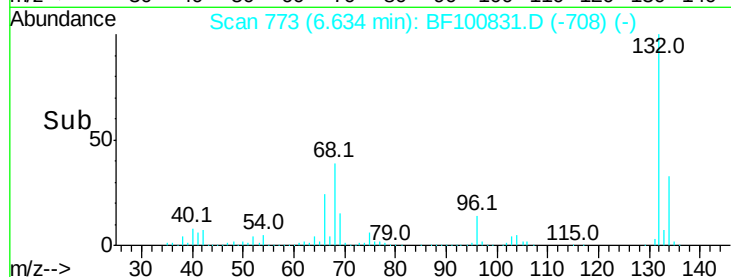
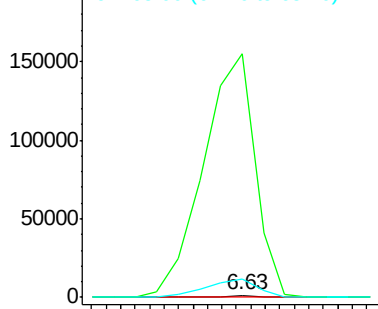
93 100

66 13889.6 32.2 48.2#

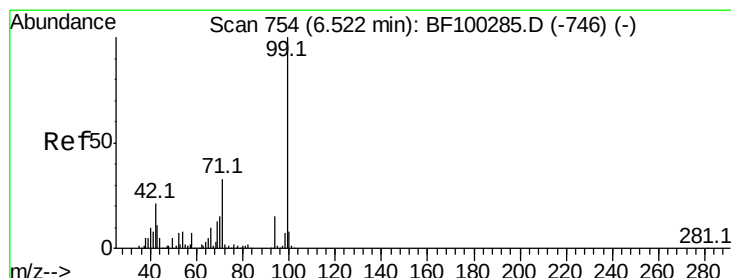
65 1065.8 16.4 24.6#



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



Time-->



#7

Phenol-d6

Concen: 119.790 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF100831.D

Acq: 22 Nov 2017 19:00

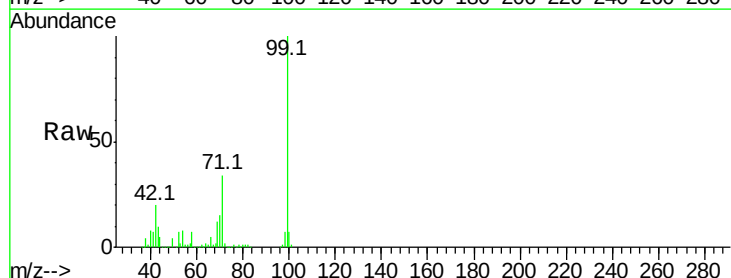
Tgt Ion: 99 Resp: 729218

Ion Ratio Lower Upper

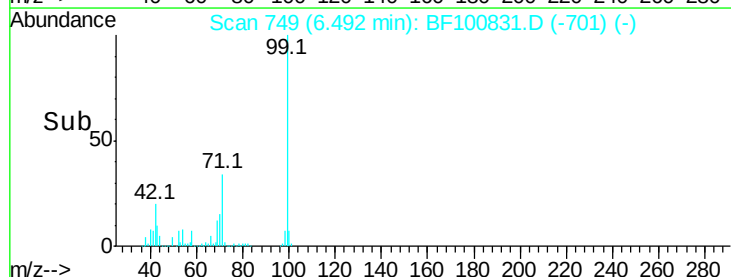
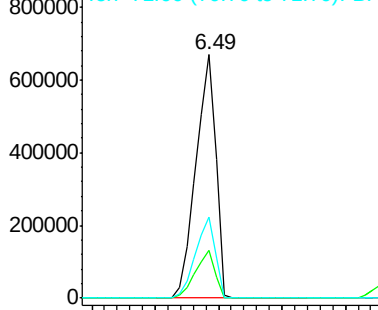
99 100

42 19.8 14.5 21.7

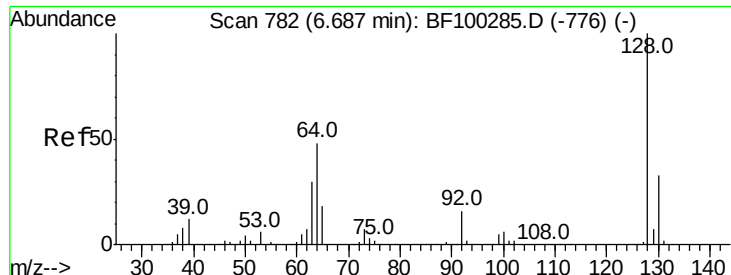
71 33.6 25.4 38.0



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



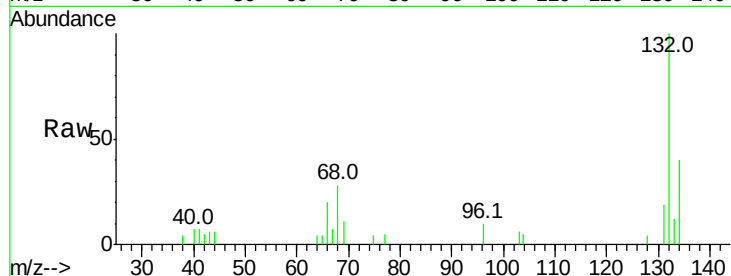
Time-->



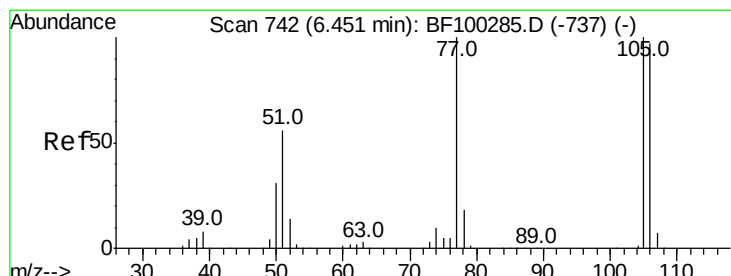
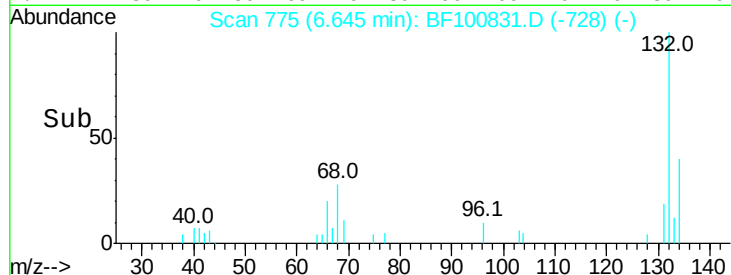
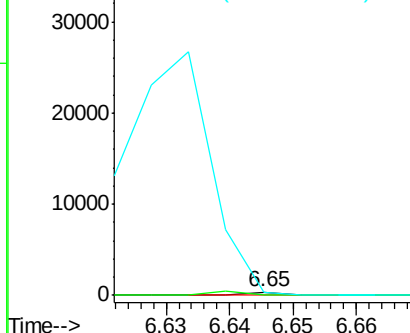
#8
2-Chlorophenol
Concen: 0.022 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF100831.D
Acq: 22 Nov 2017 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 114
Ion Ratio Lower Upper
128 100
130 0.0 13.0 53.0#
64 114.6 29.4 69.4#

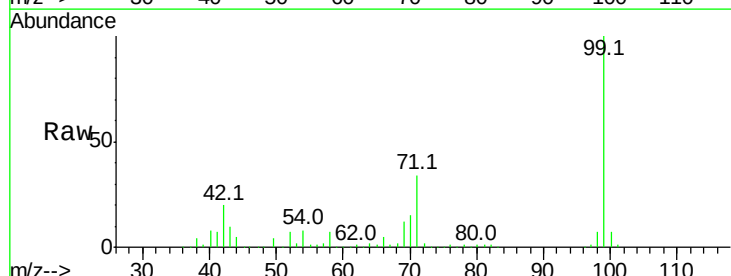


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

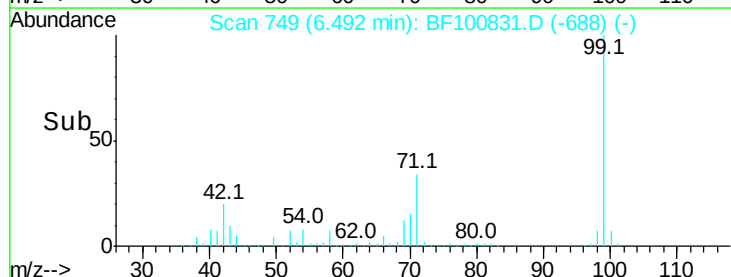
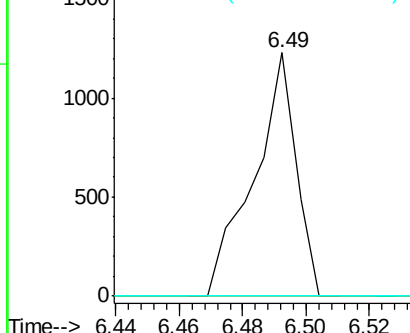


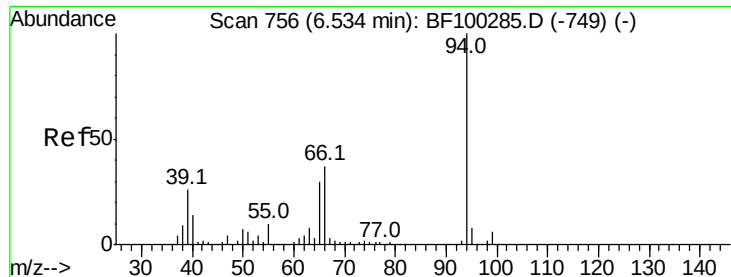
#9
Benzaldehyde
Concen: 0.262 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.06 min
Lab File: BF100831.D
Acq: 22 Nov 2017 19:00

Tgt Ion: 77 Resp: 1140
Ion Ratio Lower Upper
77 100
105 0.0 81.1 121.1#
106 0.0 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.190 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.11 min

Lab File: BF100831.D

Acq: 22 Nov 2017 19:00

Instrument :

BNA_F

ClientSampleId :

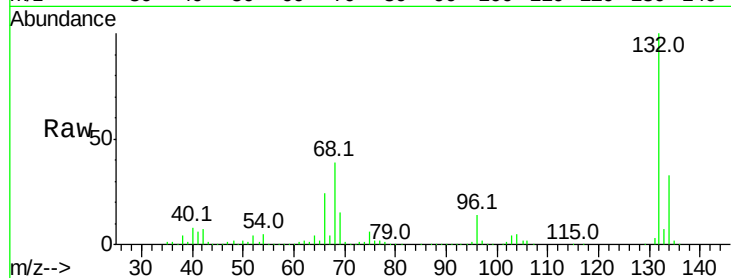
Tot Ion: 94 Resp: 1214

Ion Ratio Lower Upper

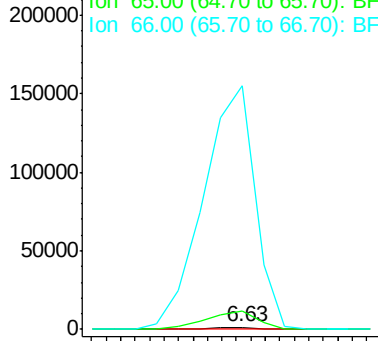
94 100

65 879.7 7.9 47.9#

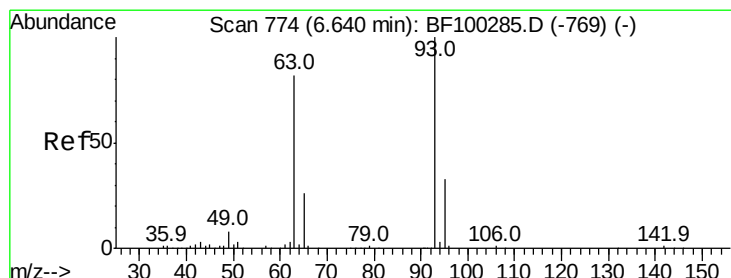
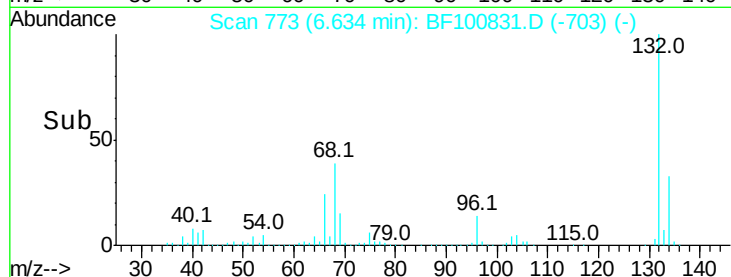
66 11465.1 16.2 56.2#



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



Time-->



#11

bis(2-Chloroethyl)ether

Concen: 0.158 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF100831.D

Acq: 22 Nov 2017 19:00

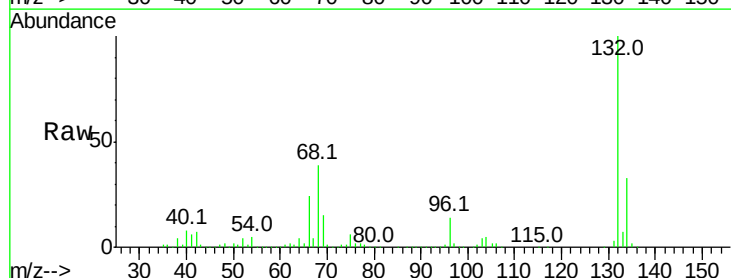
Tgt Ion: 93 Resp: 849

Ion Ratio Lower Upper

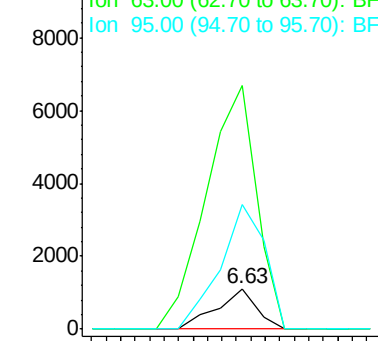
93 100

63 599.1 58.6 98.6#

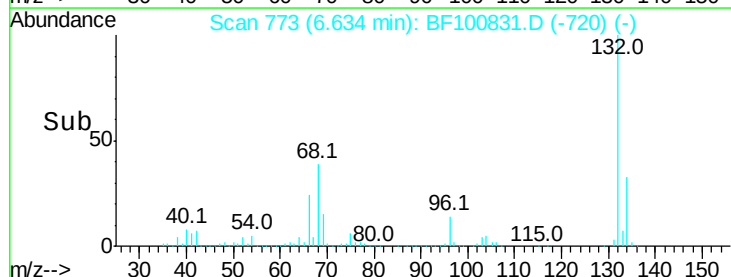
95 308.1 11.8 51.8#

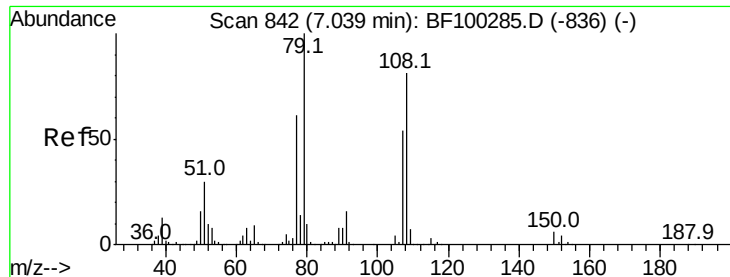


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



Time-->





#15

Benzyl Alcohol

Concen: 1.573 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF100831.D

Acq: 22 Nov 2017 19:00

Instrument :

BNA_F

ClientSampleId :

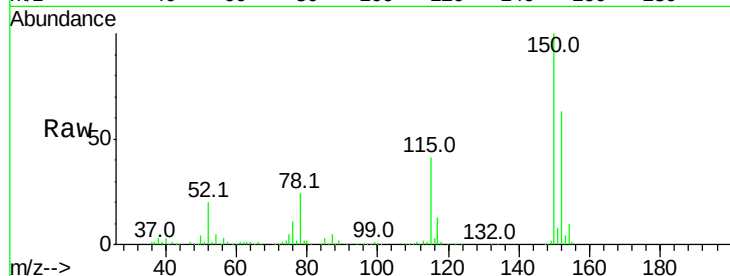
Tot Ion: 79 Resp: 7474

Ion Ratio Lower Upper

79 100

108 29.6 65.1 97.7#

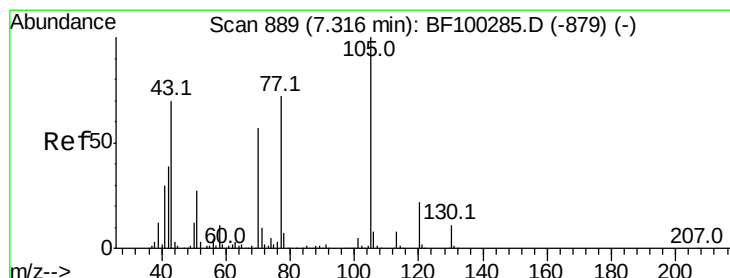
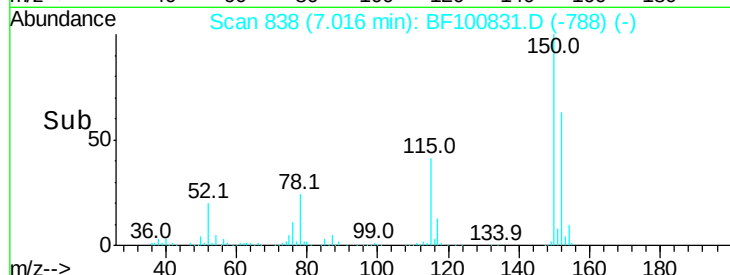
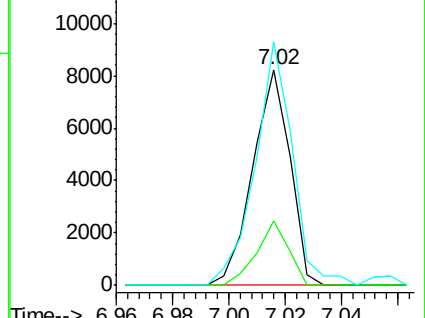
77 112.9 50.6 75.8#



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: 14.127 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.12 min

Lab File: BF100831.D

Acq: 22 Nov 2017 19:00

Tgt Ion: 70 Resp: 59641

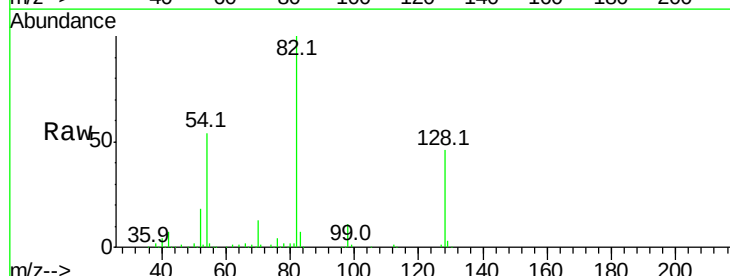
Ion Ratio Lower Upper

70 100

42 52.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

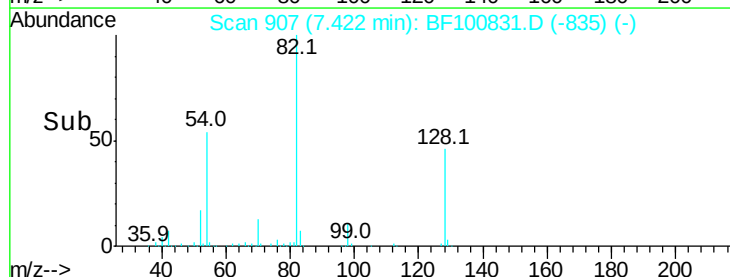
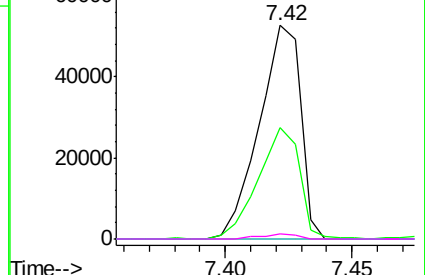


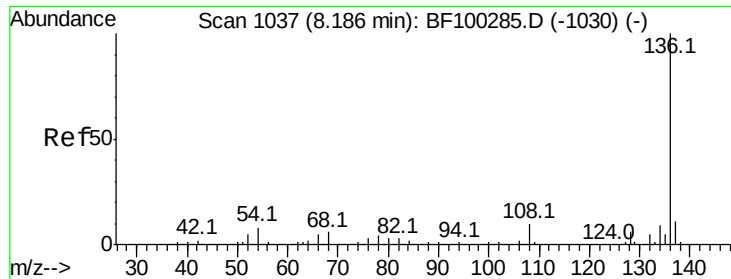
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

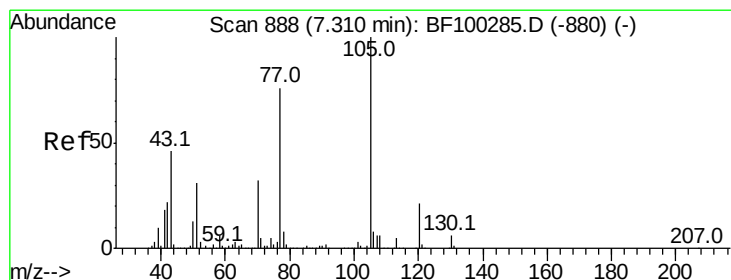
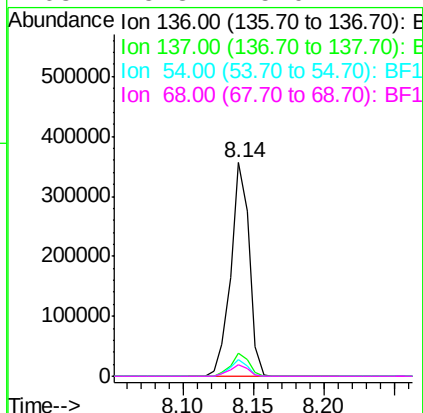
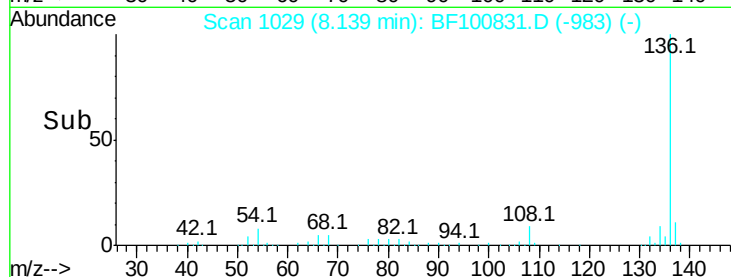
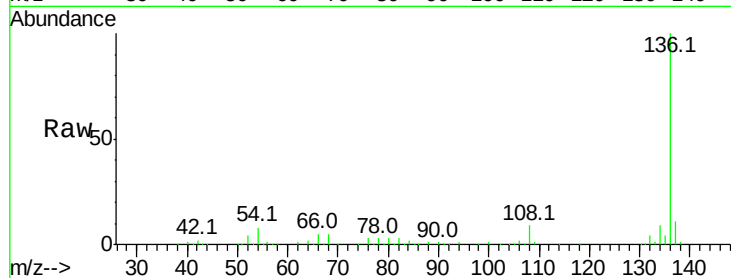




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BF100831.D
Acq: 22 Nov 2017 19:00

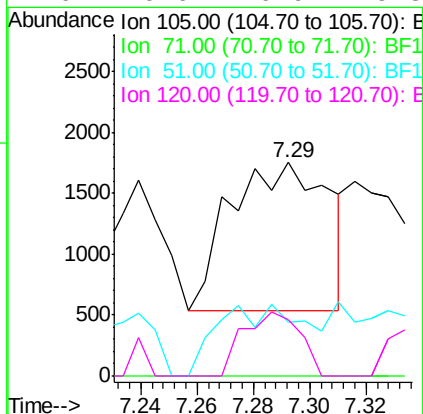
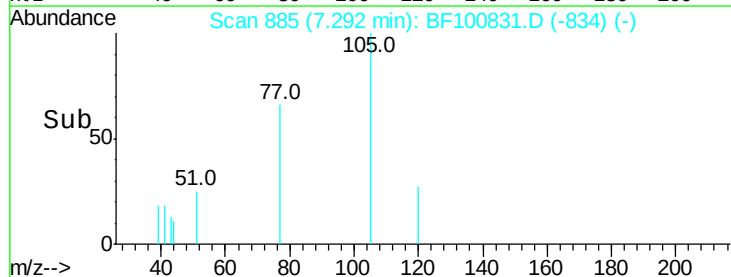
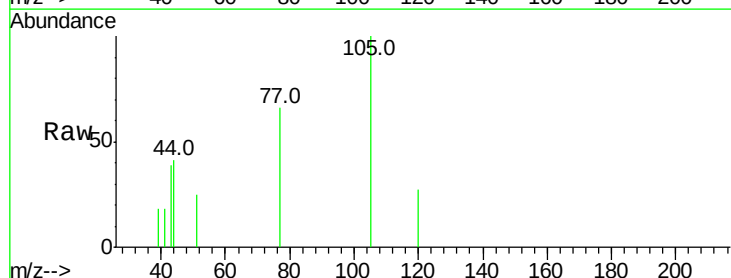
Instrument :
BNA_F
ClientSampled :

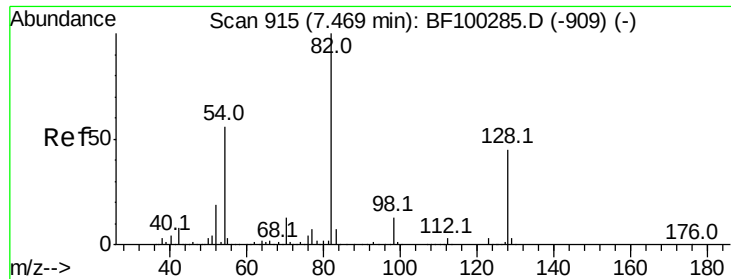
Tot Ion:	136	Resp:	322091
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.1	6.6	9.8
68	5.3	5.0	7.4



#22
Acetophenone
Concen: 0.374 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF100831.D
Acq: 22 Nov 2017 19:00

Tgt Ion:	105	Resp:	2940
Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.4	6.6#
51	25.2	22.3	33.5
120	26.6	16.9	25.3#

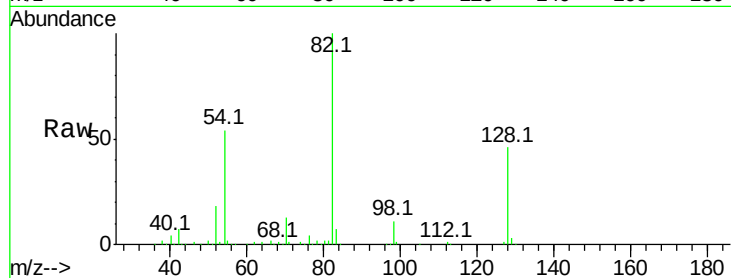




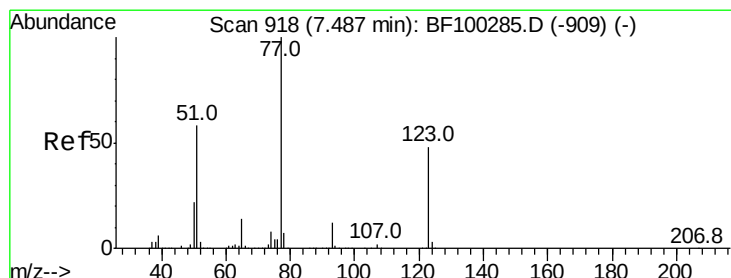
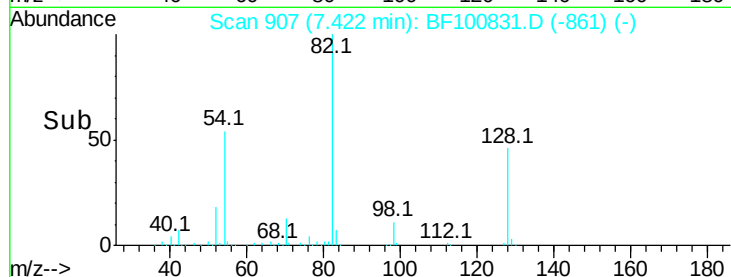
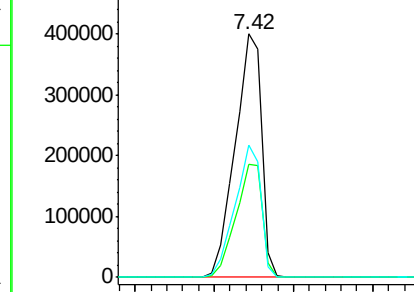
#23
Nitrobenzene-d5
Concen: 94.656 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.03 min
Lab File: BF100831.D
Acq: 22 Nov 2017 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 461147
Ion Ratio Lower Upper
82 100
128 46.4 36.1 54.1
54 54.4 41.4 62.2

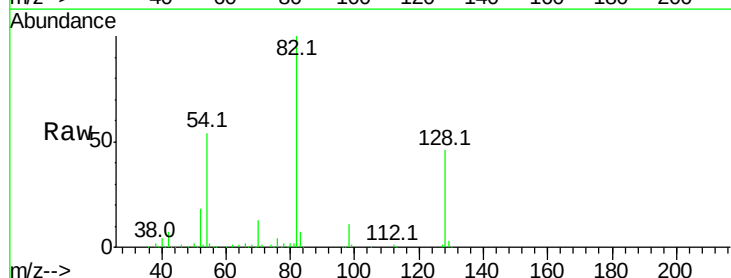


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

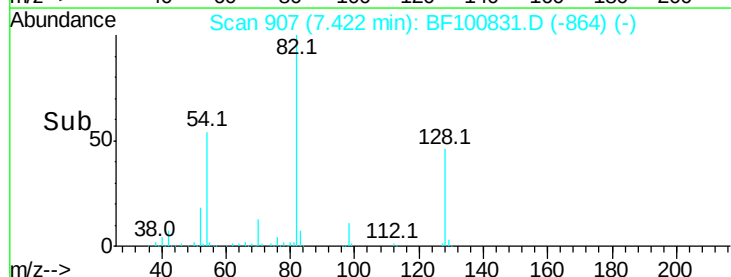
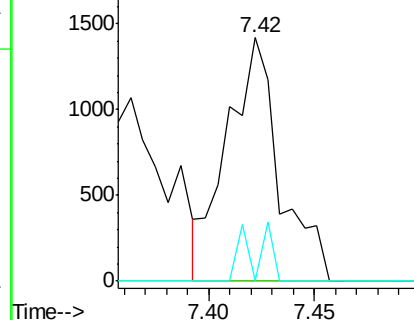


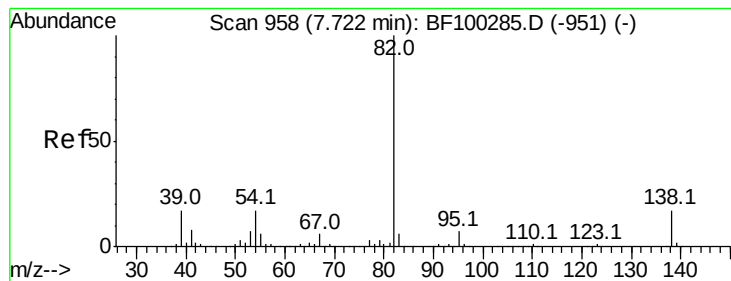
#24
Nitrobenzene
Concen: 0.490 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.05 min
Lab File: BF100831.D
Acq: 22 Nov 2017 19:00

Tgt Ion: 77 Resp: 2455
Ion Ratio Lower Upper
77 100
123 0.0 37.9 56.9#
65 0.0 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: 45.044 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.28 min

Lab File: BF100831.D

Acq: 22 Nov 2017 19:00

Instrument :

BNA_F

ClientSampleId :

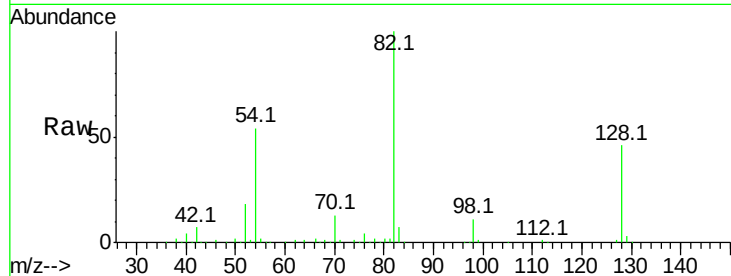
Tot Ion: 82 Resp: 461142

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

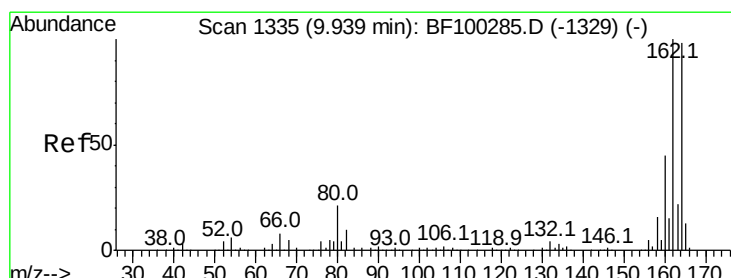
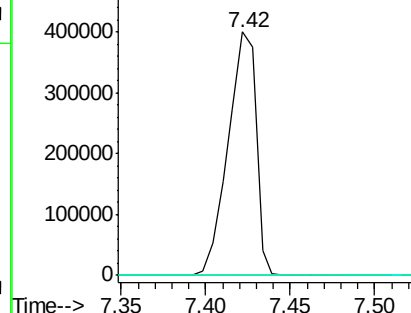
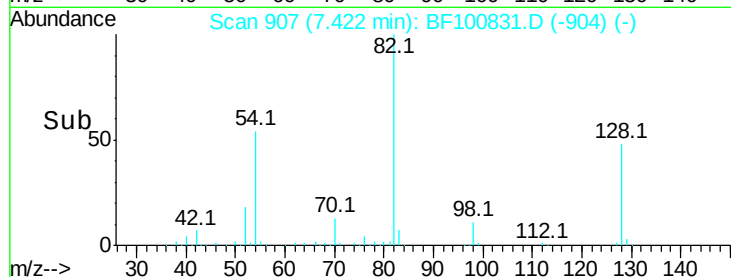
138 0.0 14.9 22.3#



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: 9.90 min Scan# 1328

Delta R.T. -0.02 min

Lab File: BF100831.D

Acq: 22 Nov 2017 19:00

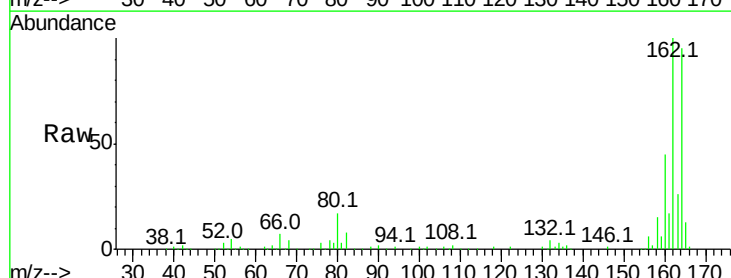
Tgt Ion: 164 Resp: 156529

Ion Ratio Lower Upper

164 100

162 105.1 86.1 129.1

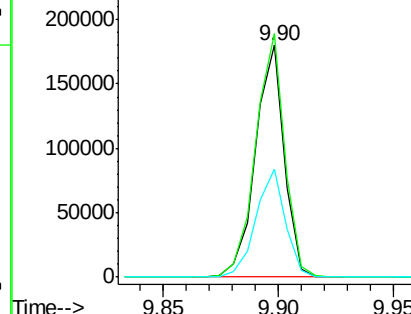
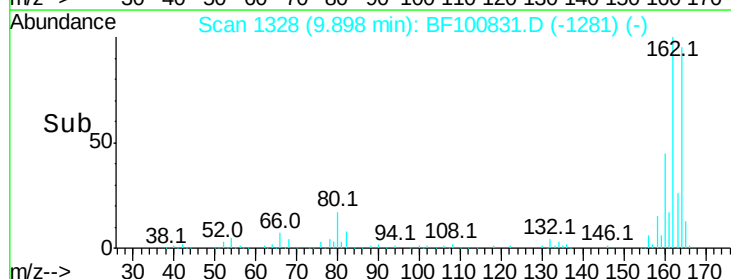
160 46.9 38.3 57.5

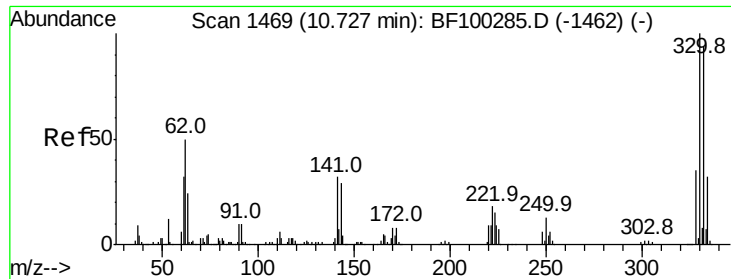


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

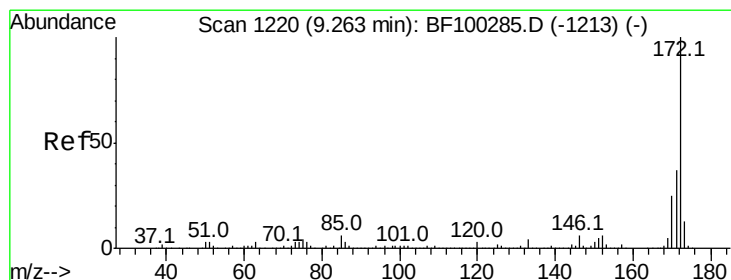
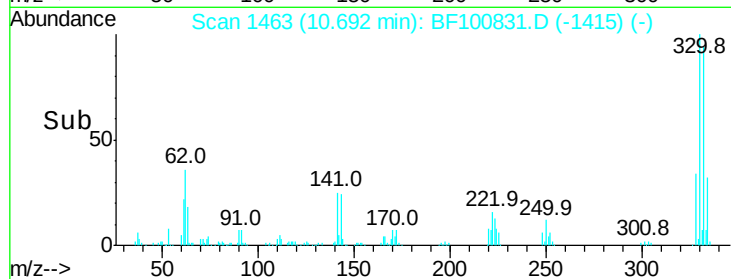
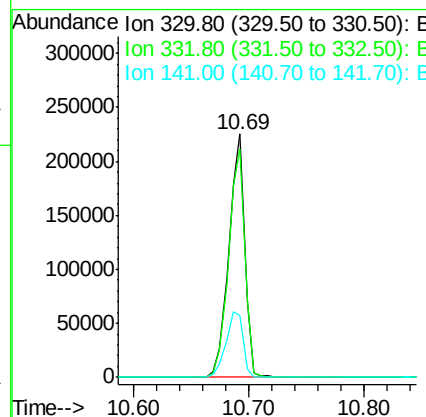
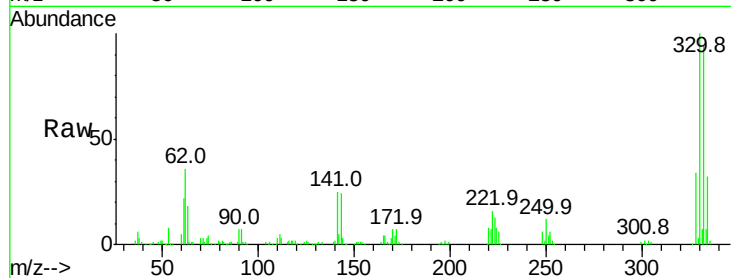




#41
 2,4,6-Tribromophenol
 Concen: 135.159 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.02 min
 Lab File: BF100831.D
 Acq: 22 Nov 2017 19:00

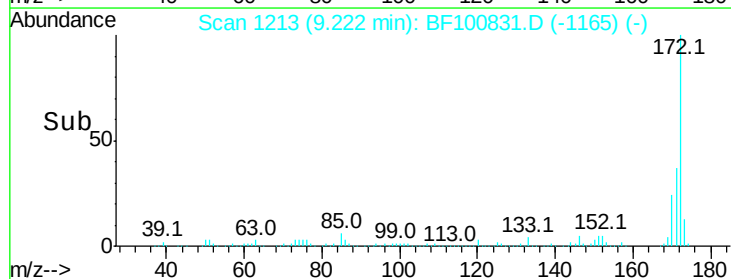
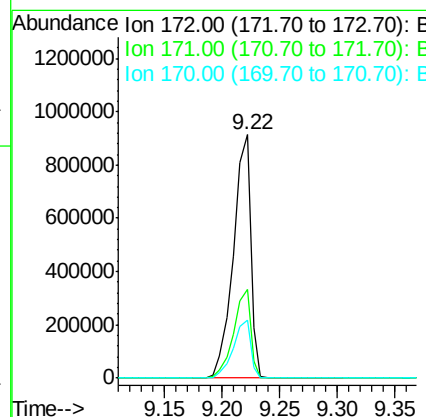
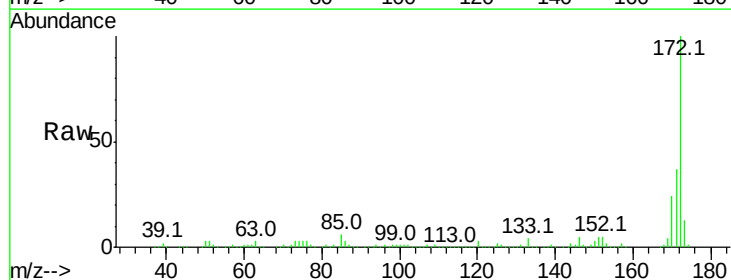
Instrument :
 BNA_F
 ClientSampleId :

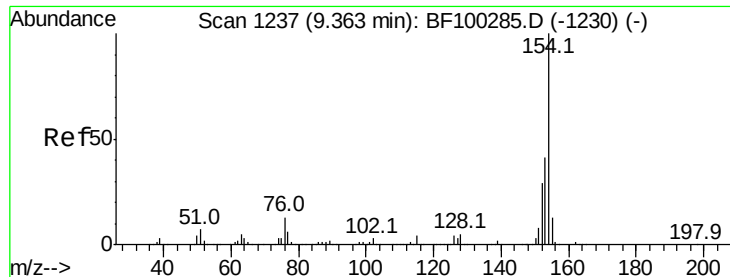
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	29.2	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 93.203 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BF100831.D
 Acq: 22 Nov 2017 19:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.1	19.6	29.4





#45

1,1'-Biphenyl

Concen: 0.190 ng

RT: 9.32 min Scan# 1229

Delta R.T. -0.03 min

Lab File: BF100831.D

Acq: 22 Nov 2017 19:00

Instrument :

BNA_F

ClientSampleId :

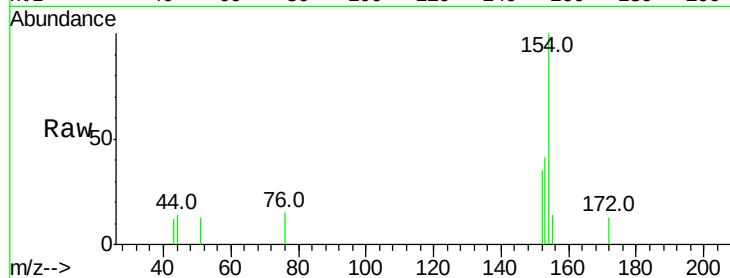
Tot Ion:154 Resp: 2575

Ion Ratio Lower Upper

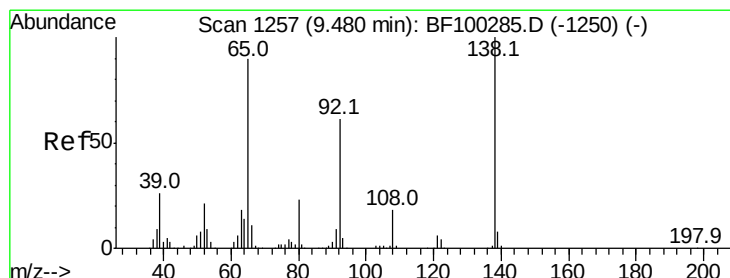
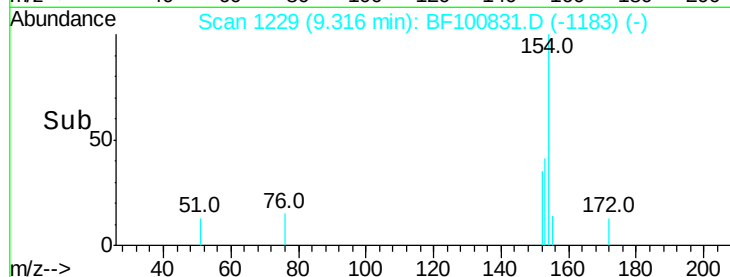
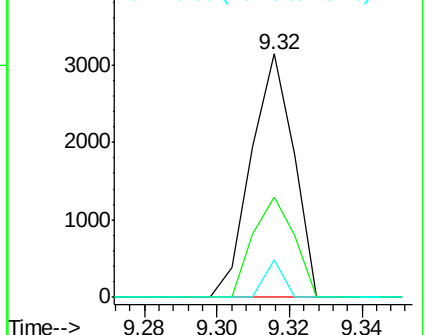
154 100

153 41.3 21.3 61.3

76 15.4 0.0 34.0



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



#47

2-Nitroaniline

Concen: 3.155 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.24 min

Lab File: BF100831.D

Acq: 22 Nov 2017 19:00

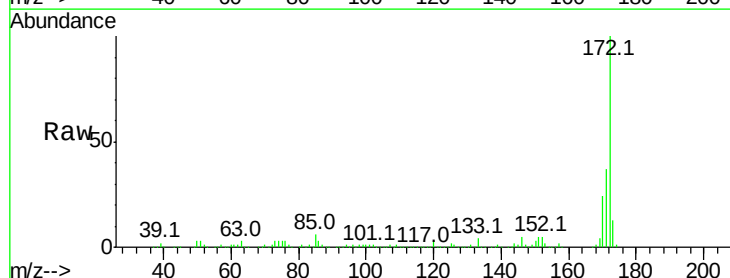
Tgt Ion: 65 Resp: 1143

Ion Ratio Lower Upper

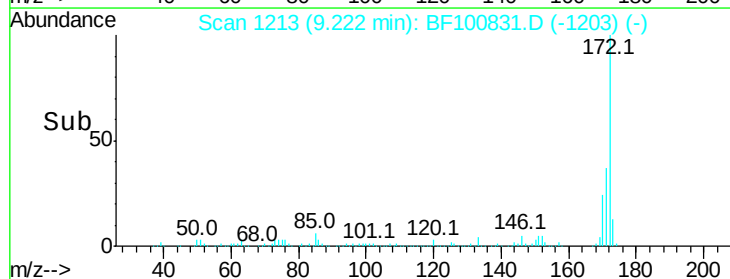
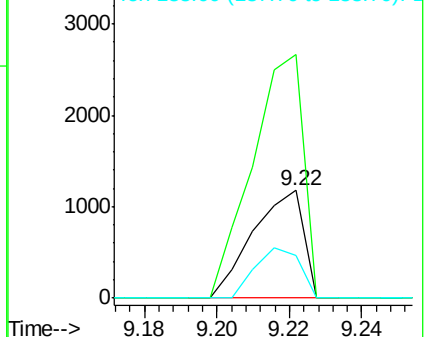
65 100

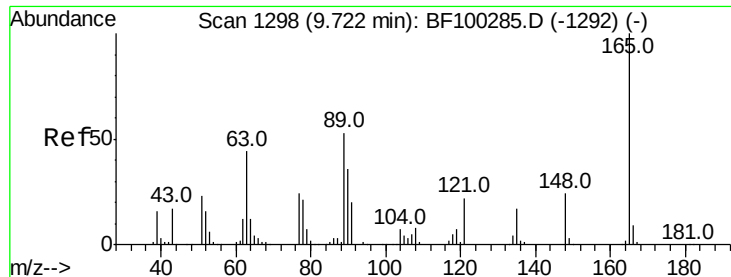
92 226.5 55.8 83.6#

138 40.0 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





#50

2,6-Dinitrotoluene

Concen: 8.551 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.19 min

Lab File: BF100831.D

Acq: 22 Nov 2017 19:00

Instrument :

BNA_F

ClientSampleId :

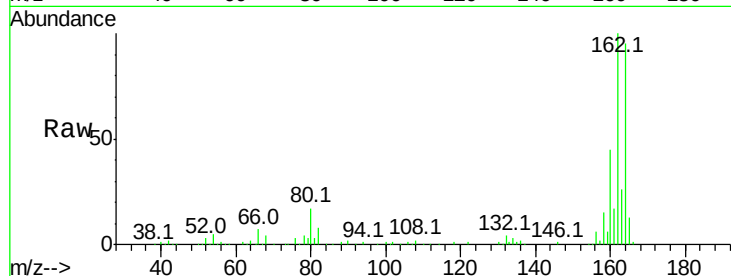
Tot Ion:165 Resp: 20229

Ion Ratio Lower Upper

165 100

63 1.7 44.7 67.1#

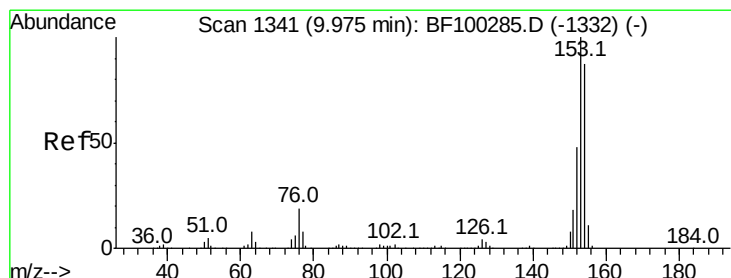
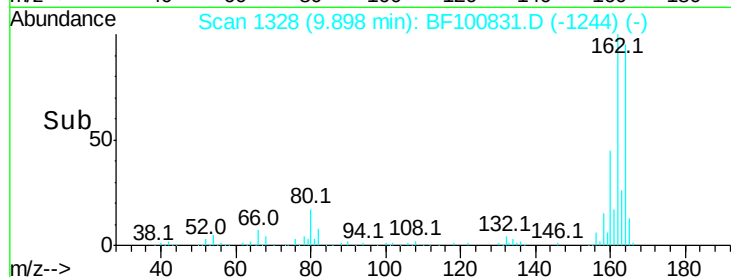
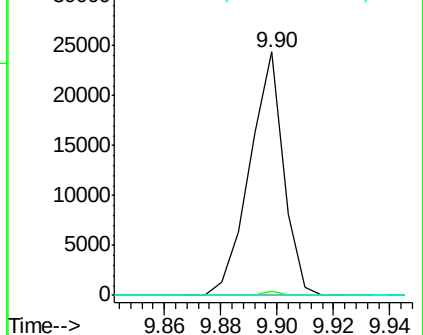
89 0.0 44.0 66.0#



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: 0.052 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.06 min

Lab File: BF100831.D

Acq: 22 Nov 2017 19:00

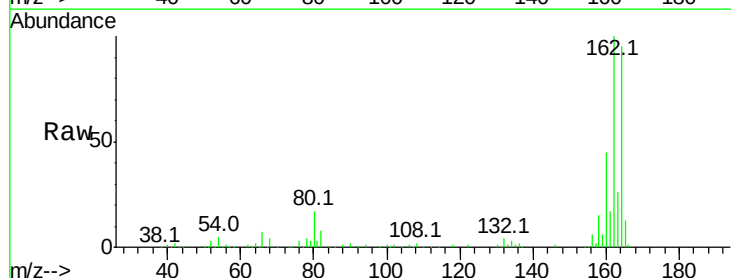
Tgt Ion:154 Resp: 518

Ion Ratio Lower Upper

154 100

153 0.0 91.2 136.8#

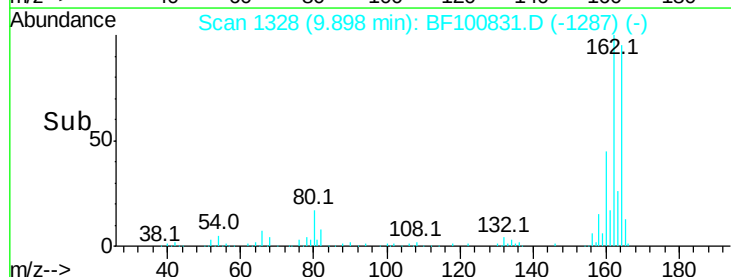
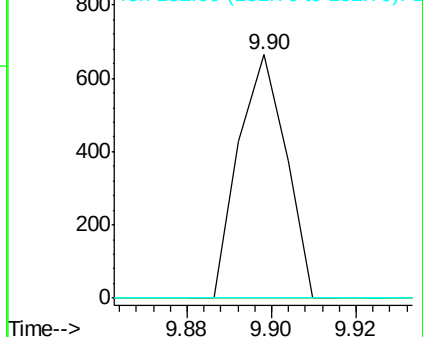
152 0.0 43.8 65.8#

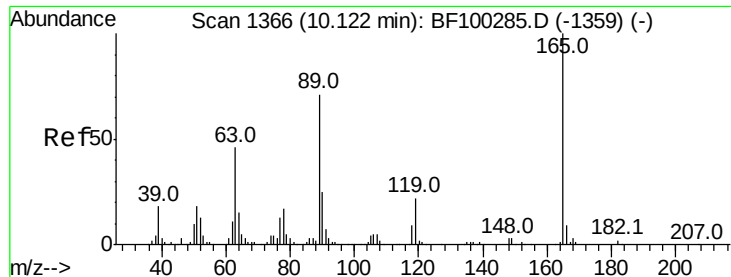


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

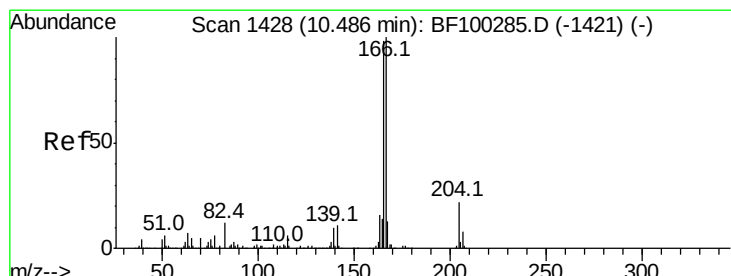
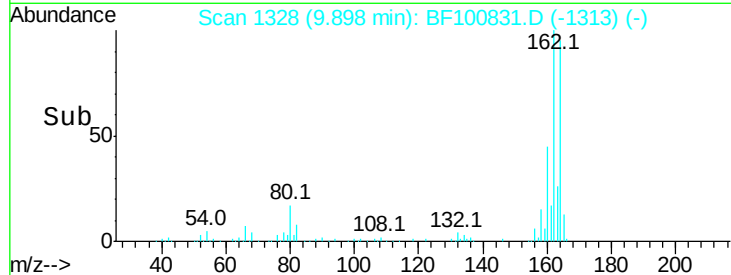
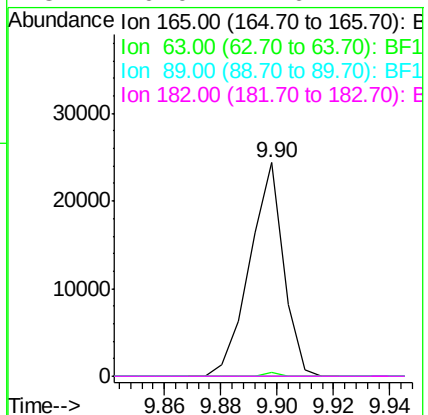
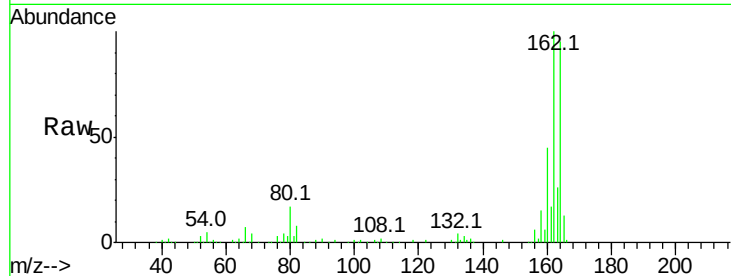




#56
 2,4-Dinitrotoluene
 Concen: 6.778 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.21 min
 Lab File: BF100831.D
 Acq: 22 Nov 2017 19:00

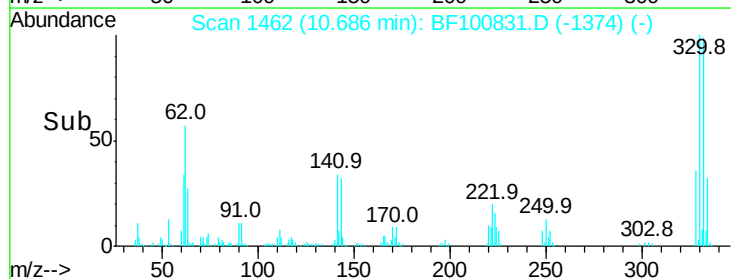
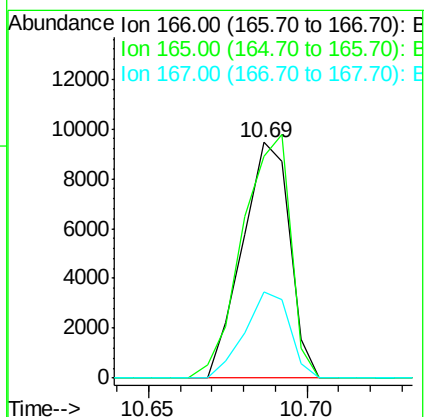
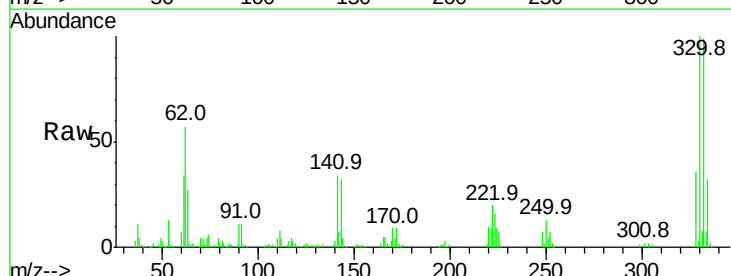
Instrument :
 BNA_F
 ClientSampleId :

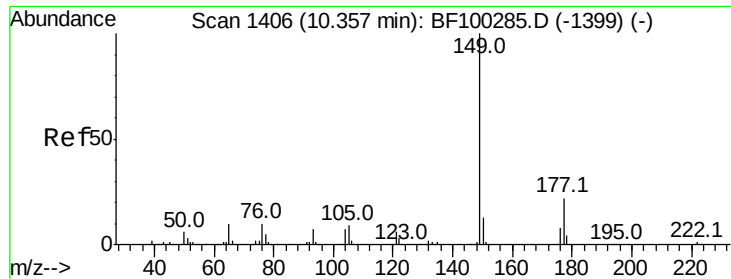
Tot Ion:165	Resp:	20229
Ion Ratio	Lower	Upper
165 100		
63 1.7	36.4	54.6#
89 0.0	57.8	86.6#
182 0.0	1.6	2.4#



#57
 Fluorene
 Concen: 0.964 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.22 min
 Lab File: BF100831.D
 Acq: 22 Nov 2017 19:00

Tgt Ion:166	Resp:	9793
Ion Ratio	Lower	Upper
166 100		
165 94.0	79.8	119.8
167 36.8	10.6	16.0#

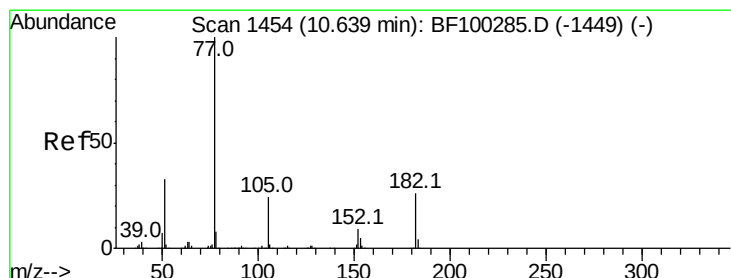
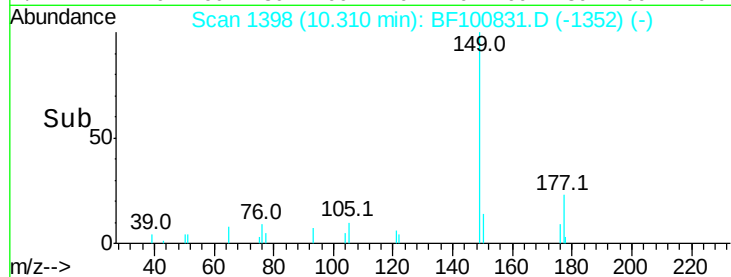
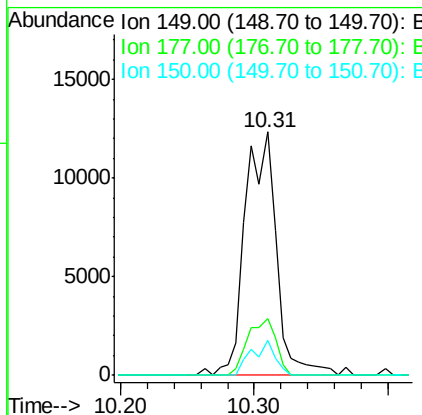
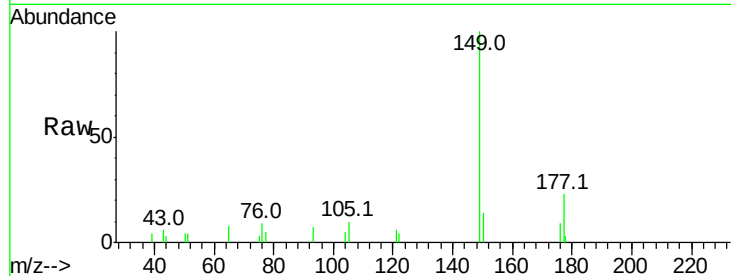




#59
Diethylphthalate
Concen: 1.676 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.03 min
Lab File: BF100831.D
Acq: 22 Nov 2017 19:00

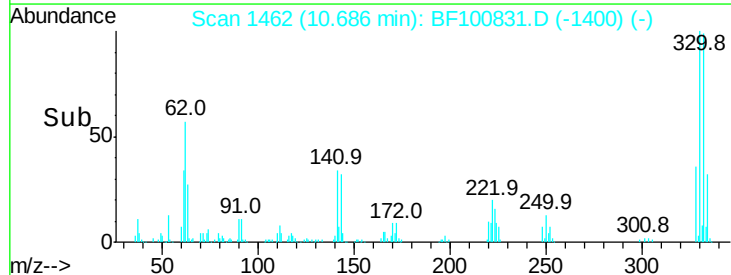
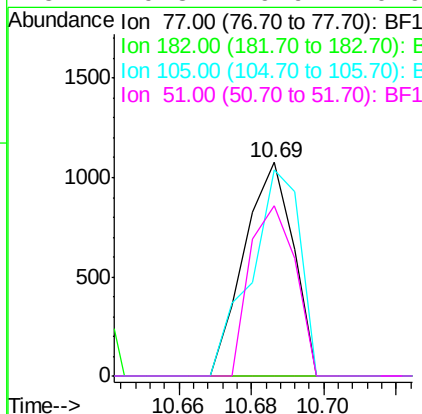
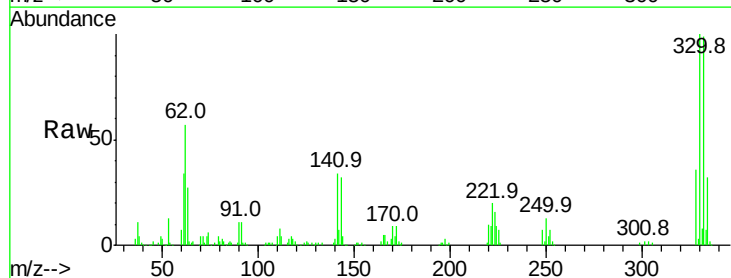
Instrument :
BNA_F
ClientSampleId :

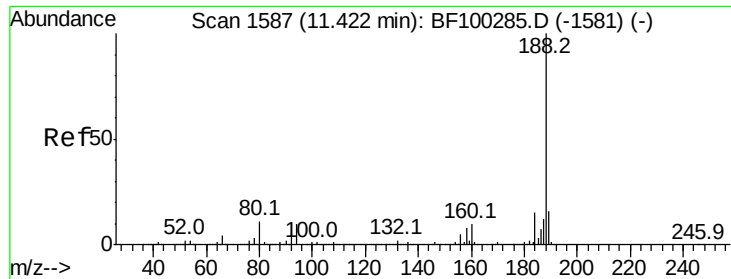
Tot Ion:149 Resp: 20048
Ion Ratio Lower Upper
149 100
177 23.3 16.1 24.1
150 14.2 10.1 15.1



#62
Azobenzene
Concen: 0.091 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.06 min
Lab File: BF100831.D
Acq: 22 Nov 2017 19:00

Tgt Ion: 77 Resp: 1024
Ion Ratio Lower Upper
77 100
182 0.0 1.7 41.7#
105 96.3 3.0 43.0#
51 79.8 9.9 49.9#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BF100831.D

Acq: 22 Nov 2017 19:00

Instrument :

BNA_F

ClientSampleId :

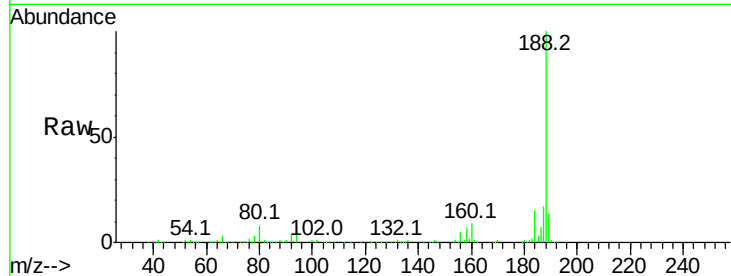
Tot Ion:188 Resp: 320343

Ion Ratio Lower Upper

188 100

94 7.8 8.5 12.7#

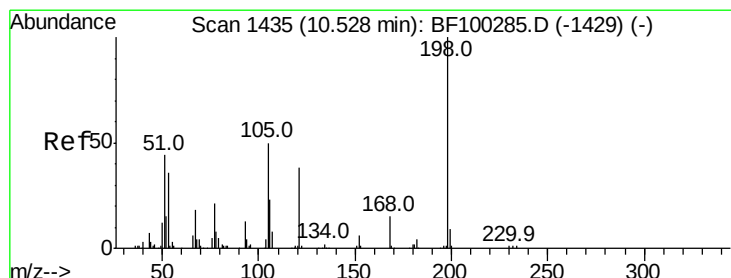
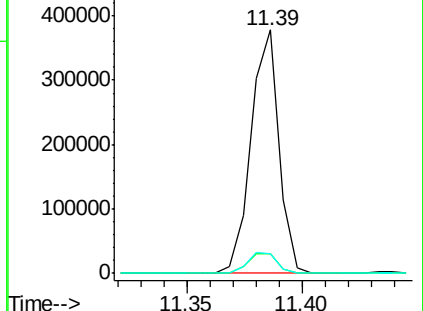
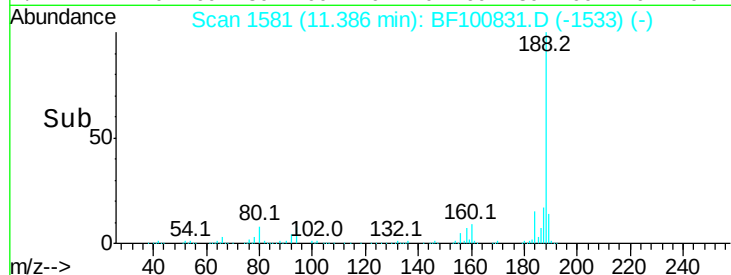
80 8.2 9.2 13.8#



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: 8.779 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.18 min

Lab File: BF100831.D

Acq: 22 Nov 2017 19:00

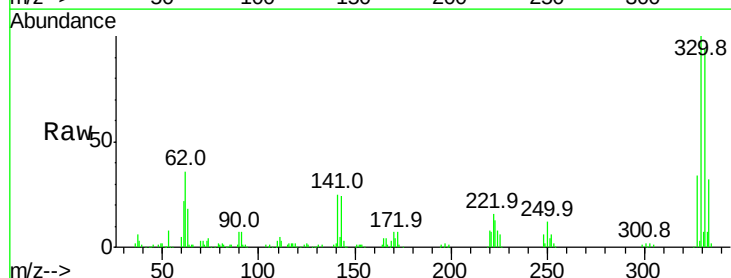
Tgt Ion:198 Resp: 411

Ion Ratio Lower Upper

198 100

51 127.1 37.7 77.7#

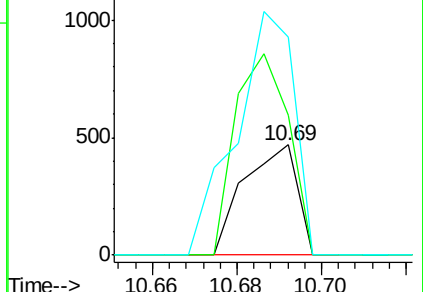
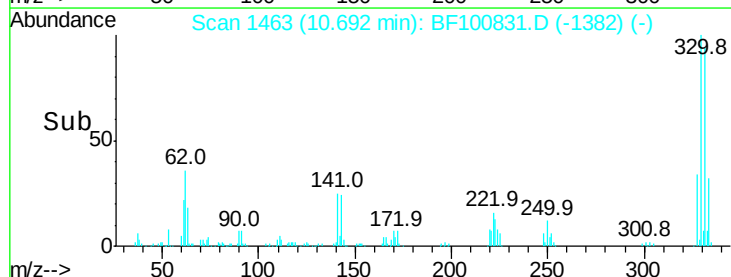
105 198.3 36.3 76.3#

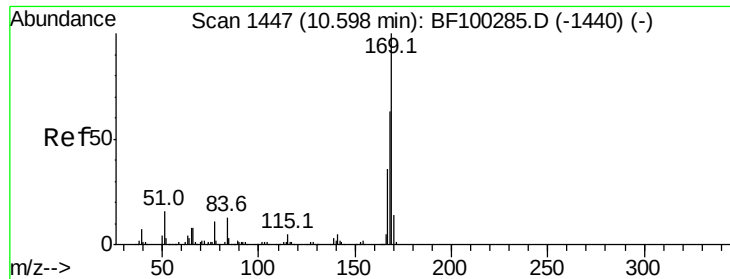


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

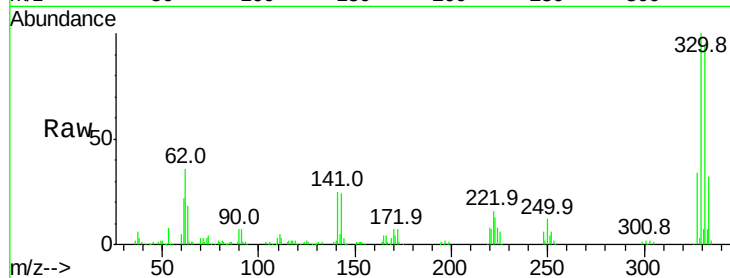




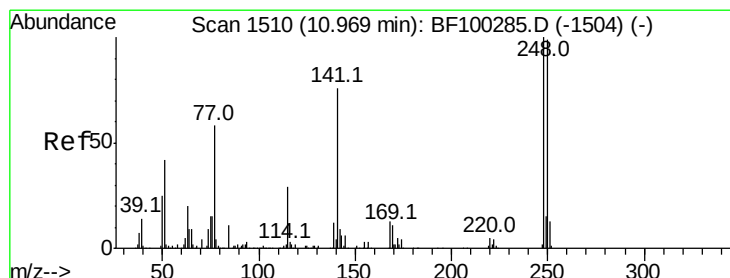
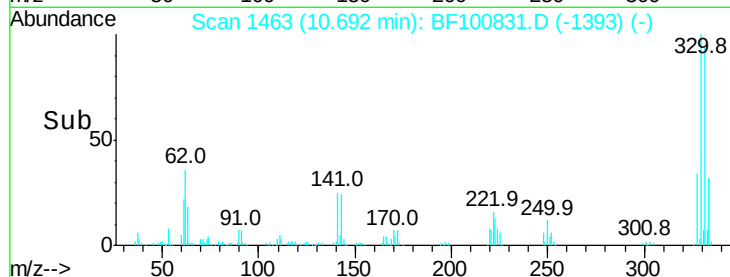
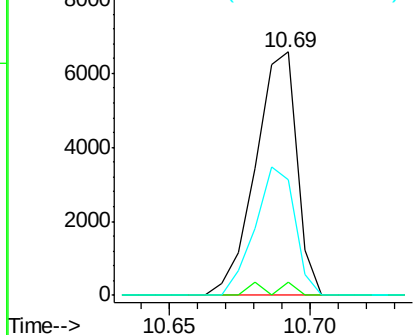
#65
 n-Nitrosodiphenylamine
 Concen: 0.601 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. 0.11 min
 Lab File: BF100831.D
 Acq: 22 Nov 2017 19:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 6695
 Ion Ratio Lower Upper
 169 100
 168 5.6 54.4 81.6#
 167 47.7 29.8 44.6#

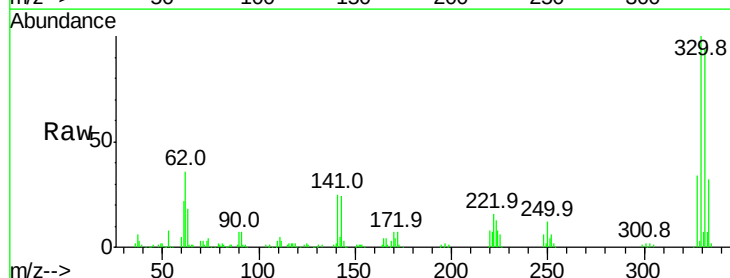


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

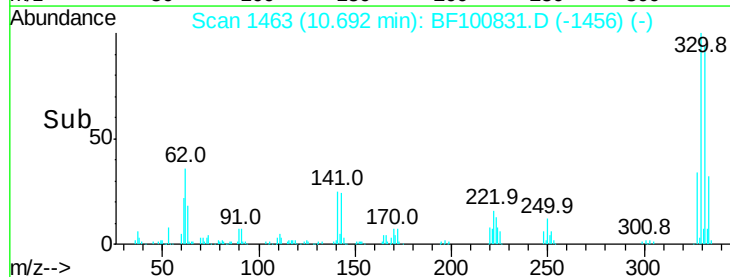
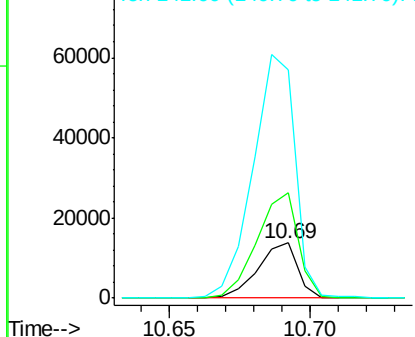


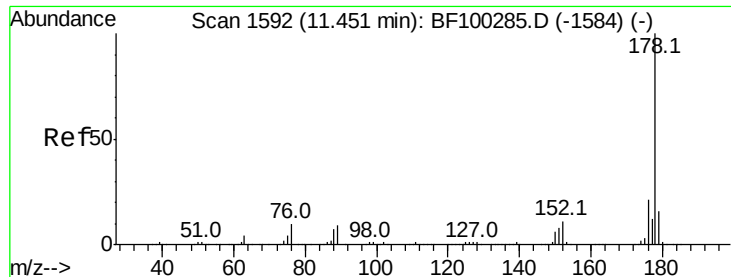
#66
 4-Bromophenyl-phenylether
 Concen: 3.880 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.26 min
 Lab File: BF100831.D
 Acq: 22 Nov 2017 19:00

Tgt Ion:248 Resp: 13325
 Ion Ratio Lower Upper
 248 100
 250 192.3 76.9 115.3#
 141 414.9 74.4 111.6#



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





#70

Phenanthrene

Concen: 0.021 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.04 min

Lab File: BF100831.D

Acq: 22 Nov 2017 19:00

Instrument :

BNA_F

ClientSampleId :

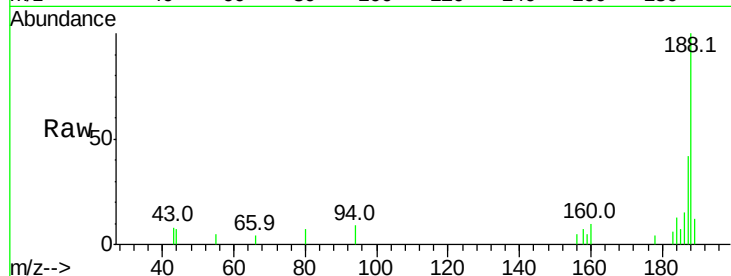
Tot Ion:178 Resp: 362

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.8#

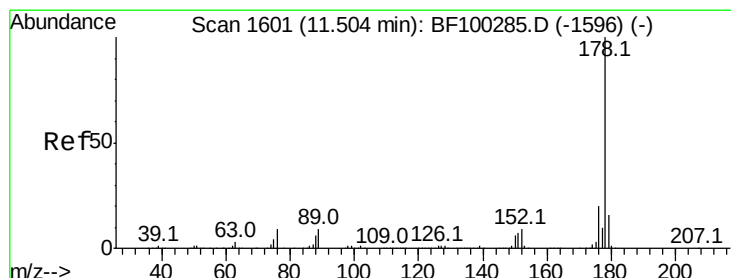
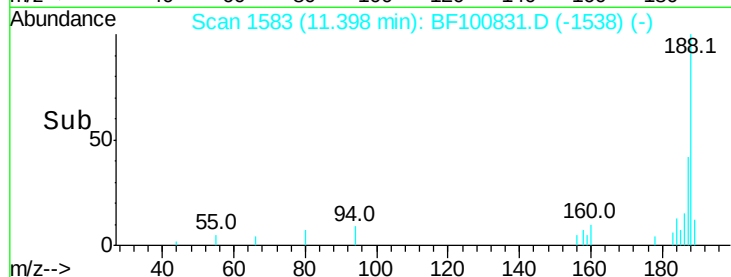
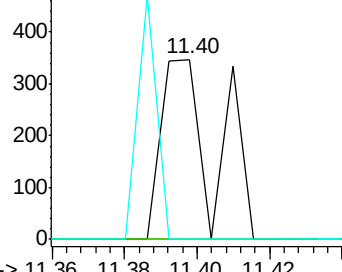
179 0.0 13.0 19.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 0.021 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.09 min

Lab File: BF100831.D

Acq: 22 Nov 2017 19:00

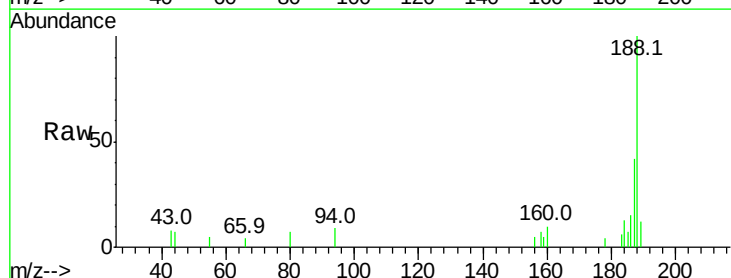
Tgt Ion:178 Resp: 362

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.2#

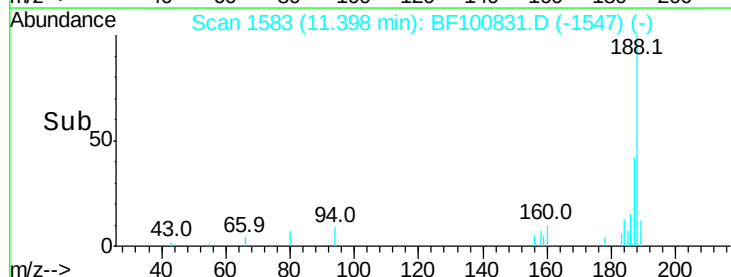
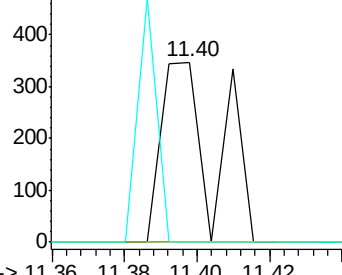
179 0.0 12.6 19.0#

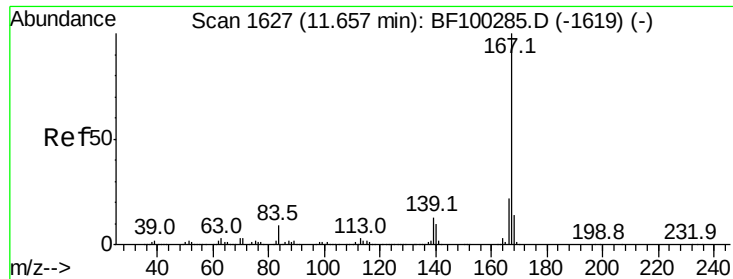


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.058 ng

RT: 11.60 min Scan# 1618

Delta R.T. -0.04 min

Lab File: BF100831.D

Acq: 22 Nov 2017 19:00

Instrument :

BNA_F

ClientSampleId :

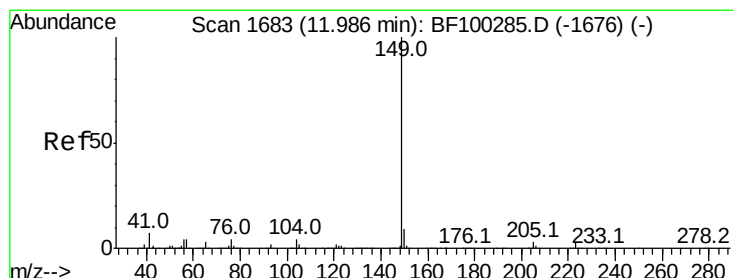
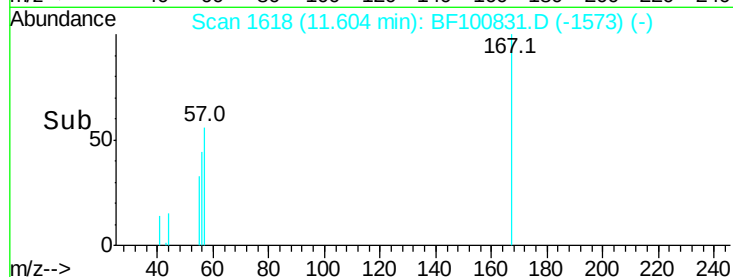
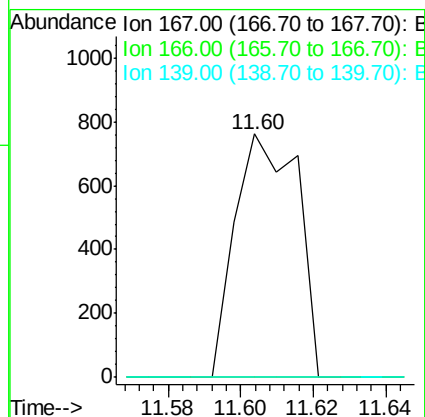
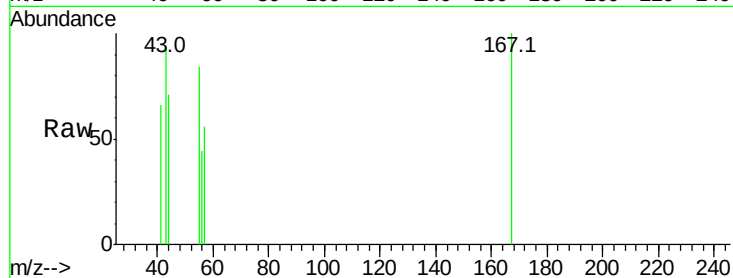
Tot Ion:167 Resp: 913

Ion Ratio Lower Upper

167 100

166 0.0 17.6 26.4#

139 0.0 10.9 16.3#



#73

Di-n-butylphthalate

Concen: 0.267 ng

RT: 11.94 min Scan# 1675

Delta R.T. -0.02 min

Lab File: BF100831.D

Acq: 22 Nov 2017 19:00

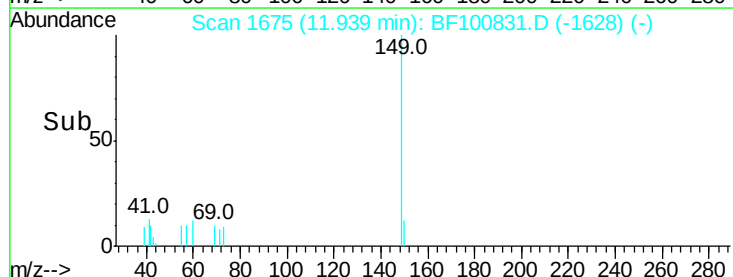
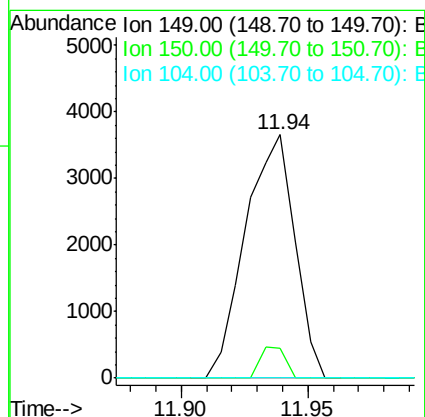
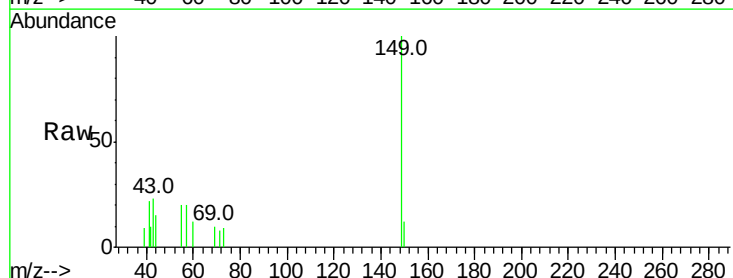
Tgt Ion:149 Resp: 4937

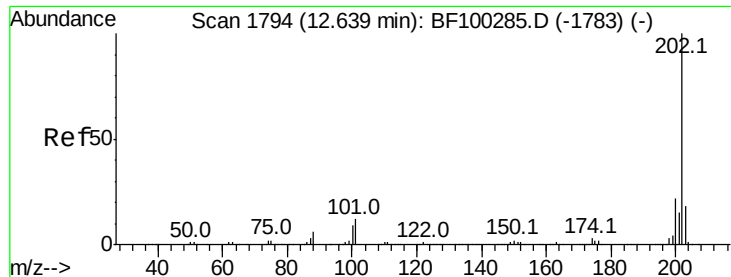
Ion Ratio Lower Upper

149 100

150 12.4 7.8 11.6#

104 0.0 3.8 5.8#

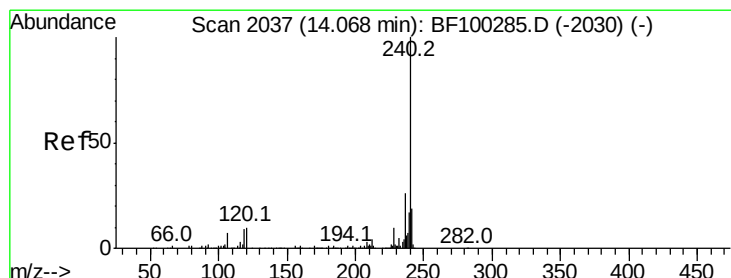
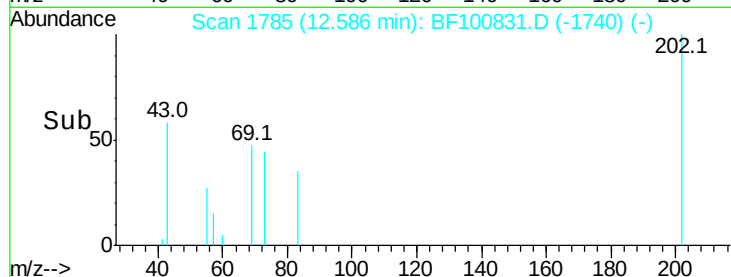
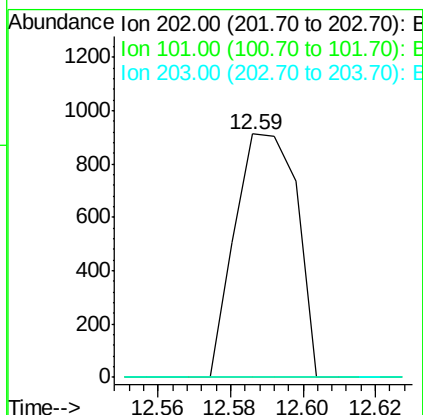
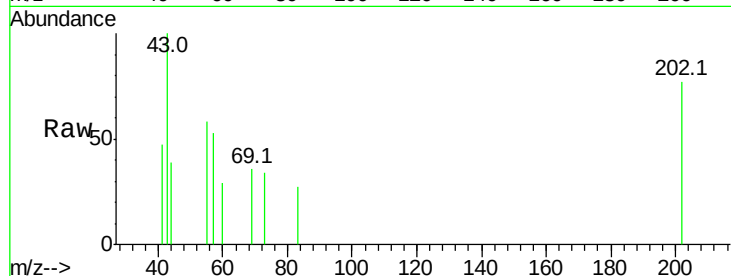




#74
 Fluoranthene
 Concen: 0.060 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. -0.04 min
 Lab File: BF100831.D
 Acq: 22 Nov 2017 19:00

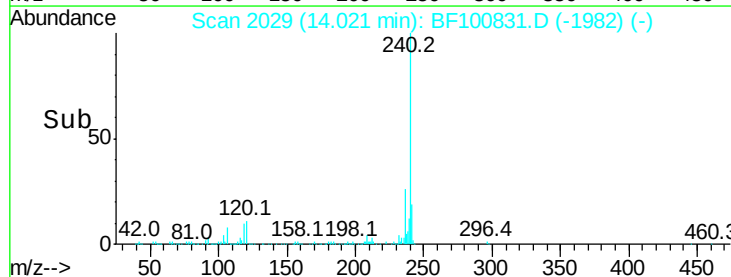
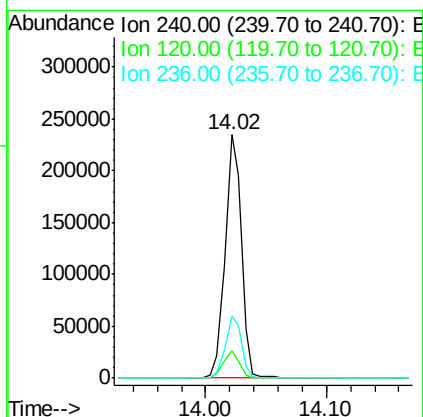
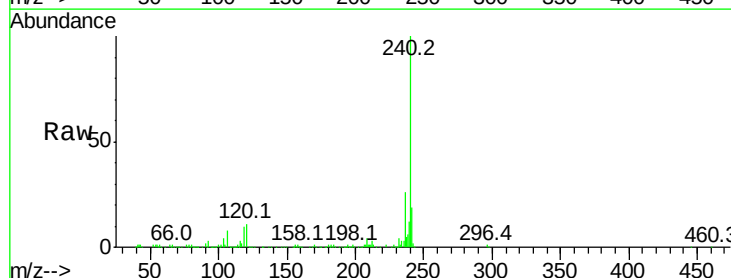
Instrument :
 BNA_F
 ClientSampleId :

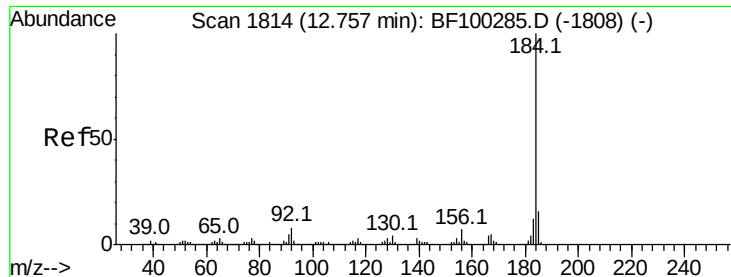
Tot Ion:202 Resp: 1080
 Ion Ratio Lower Upper
 202 100
 101 0.0 0.0 34.1
 203 0.0 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.02 min
 Lab File: BF100831.D
 Acq: 22 Nov 2017 19:00

Tgt Ion:240 Resp: 219291
 Ion Ratio Lower Upper
 240 100
 120 11.4 9.5 14.3
 236 25.6 20.7 31.1





#76

Benzidine

Concen: 1.320 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.24 min

Lab File: BF100831.D

Acq: 22 Nov 2017 19:00

Instrument :

BNA_F

ClientSampleId :

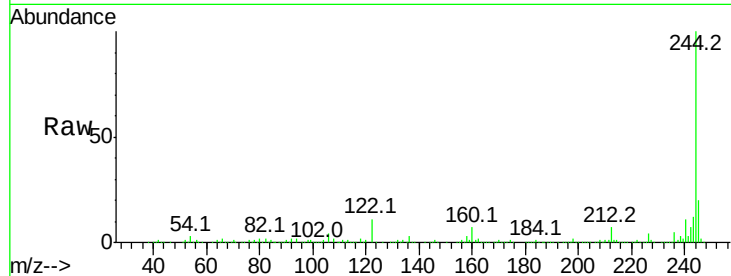
Tot Ion:184 Resp: 11593

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

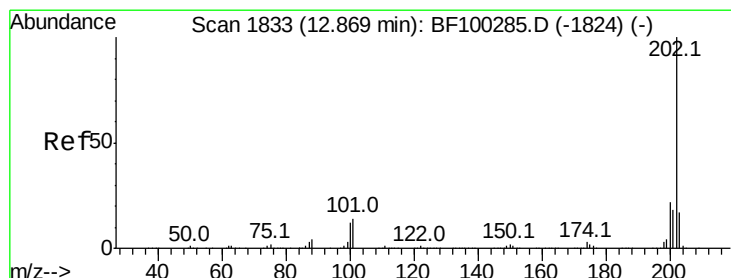
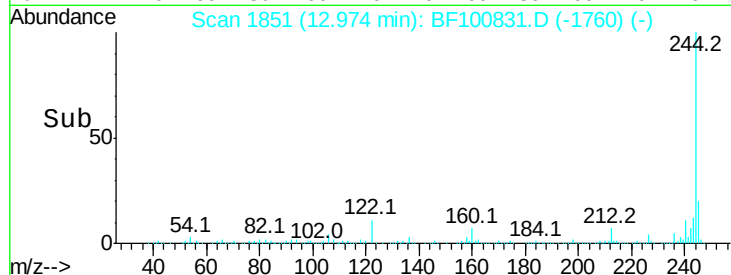
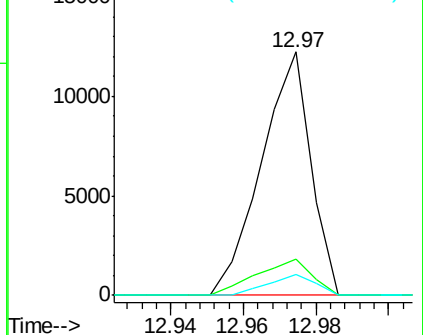
183 8.5 9.3 13.9#



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: 0.087 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF100831.D

Acq: 22 Nov 2017 19:00

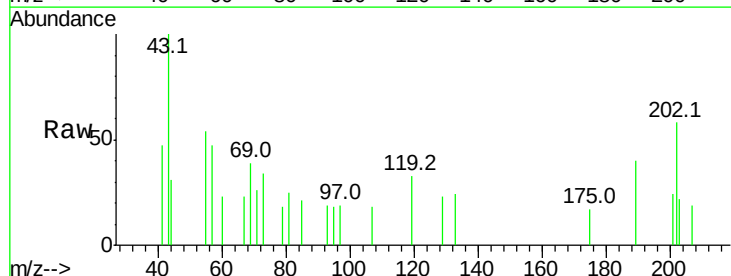
Tgt Ion:202 Resp: 1356

Ion Ratio Lower Upper

202 100

200 0.0 17.4 26.2#

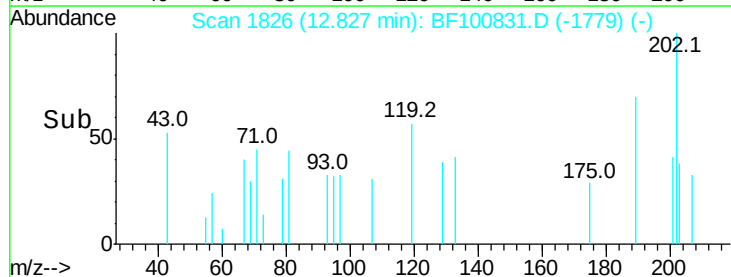
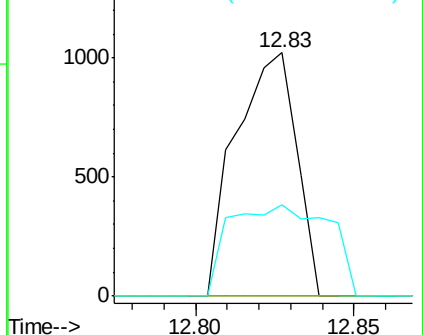
203 37.6 14.3 21.5#

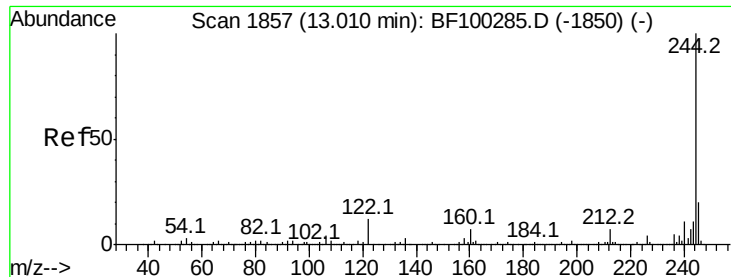


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 102.796 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF100831.D

Acq: 22 Nov 2017 19:00

Instrument :

BNA_F

ClientSampleId :

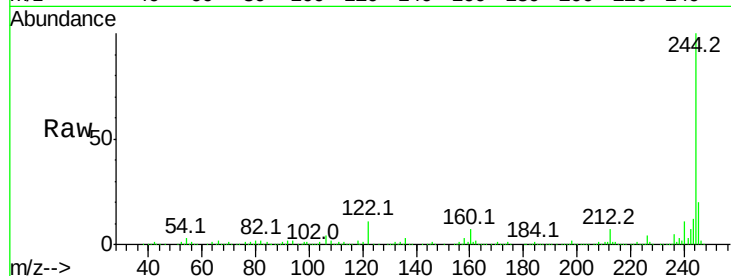
Tot Ion:244 Resp: 981077

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

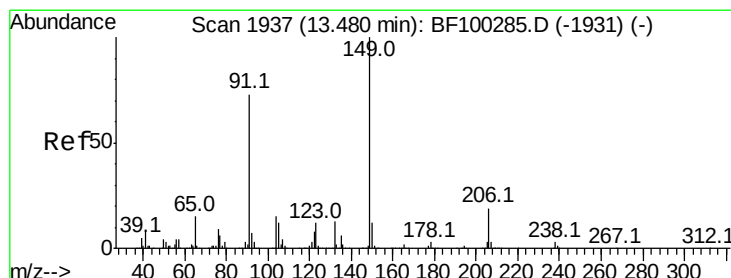
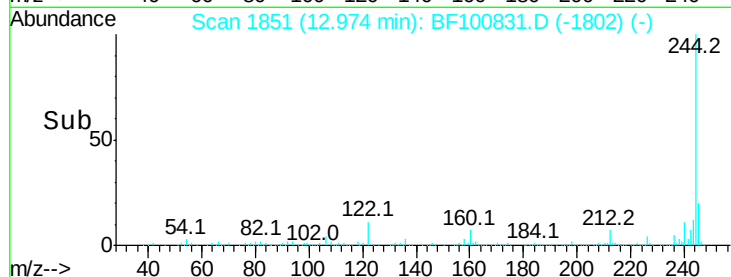
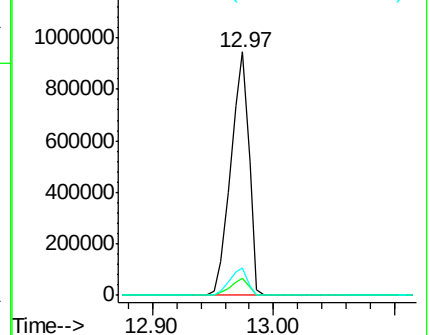
122 11.3 11.0 16.4



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



#79

Butylbenzylphthalate

Concen: 0.225 ng

RT: 13.44 min Scan# 1930

Delta R.T. -0.02 min

Lab File: BF100831.D

Acq: 22 Nov 2017 19:00

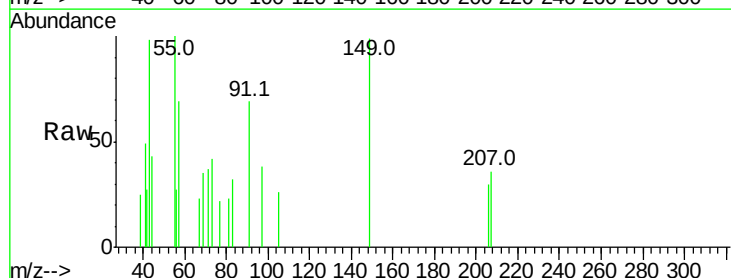
Tgt Ion:149 Resp: 1432

Ion Ratio Lower Upper

149 100

91 69.2 56.8 85.2

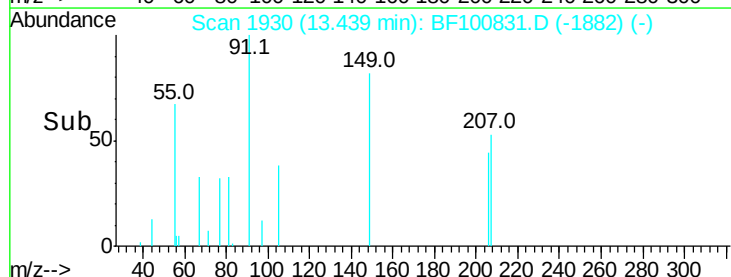
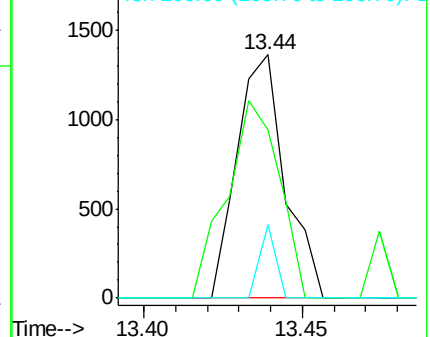
206 30.3 14.1 21.1#

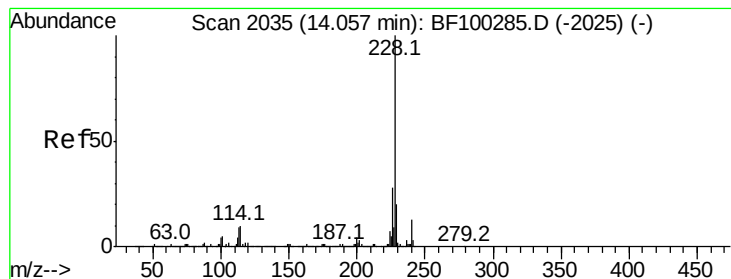


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.330 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF100831.D

Acq: 22 Nov 2017 19:00

Instrument :

BNA_F

ClientSampleId :

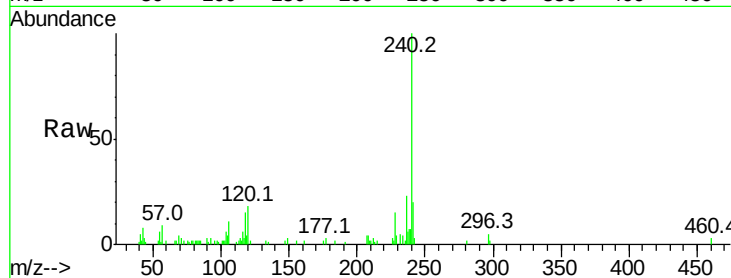
Tot Ion:228 Resp: 4362

Ion Ratio Lower Upper

228 100

226 23.3 22.6 33.8

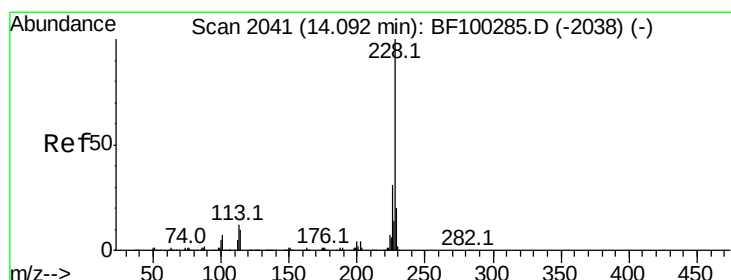
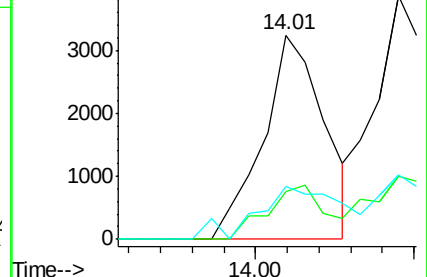
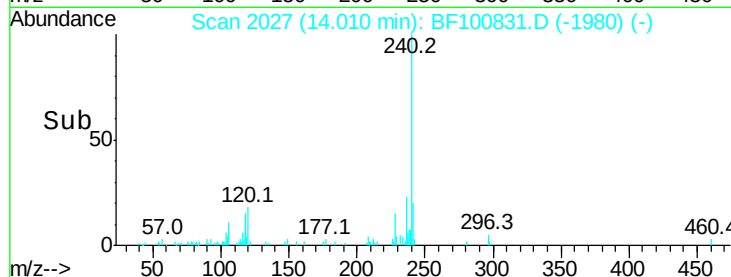
229 25.8 15.8 23.6#



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: 0.341 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.03 min

Lab File: BF100831.D

Acq: 22 Nov 2017 19:00

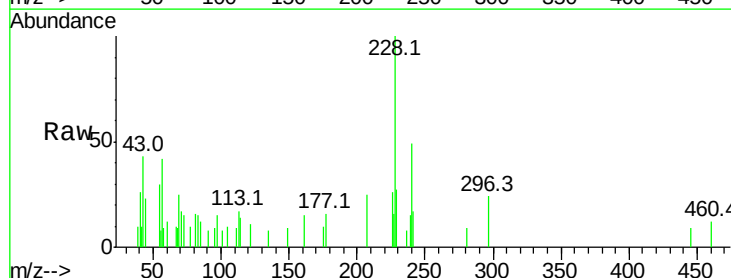
Tgt Ion:228 Resp: 4359

Ion Ratio Lower Upper

228 100

226 26.1 25.0 37.6

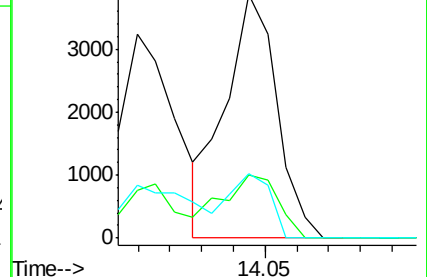
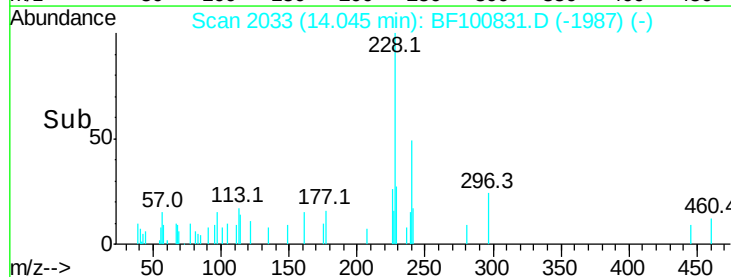
229 26.6 16.2 24.4#

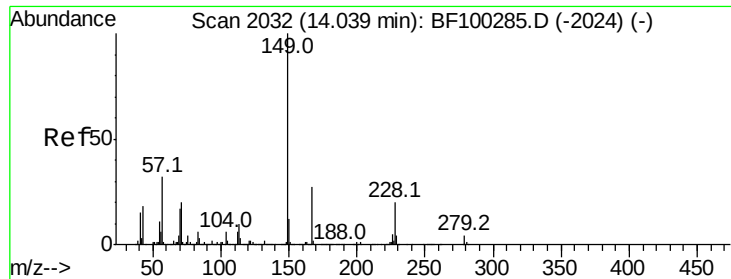


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

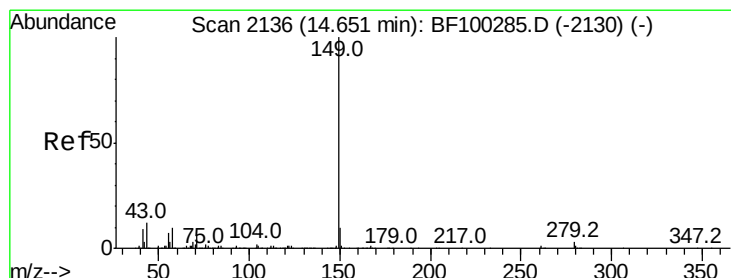
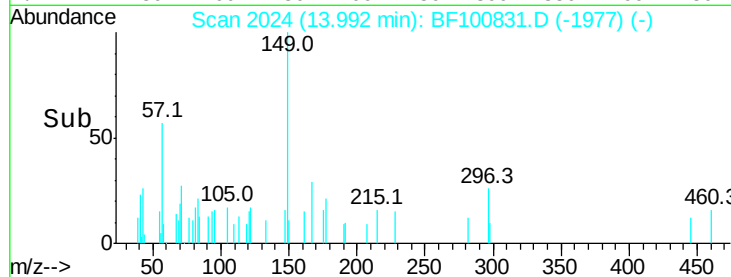
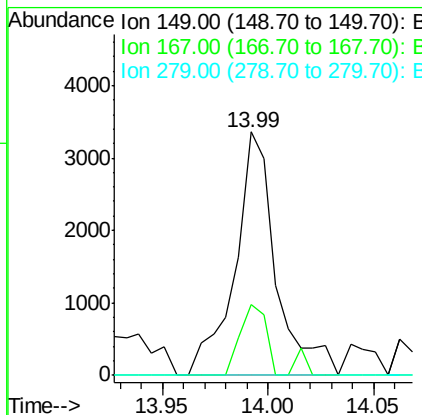
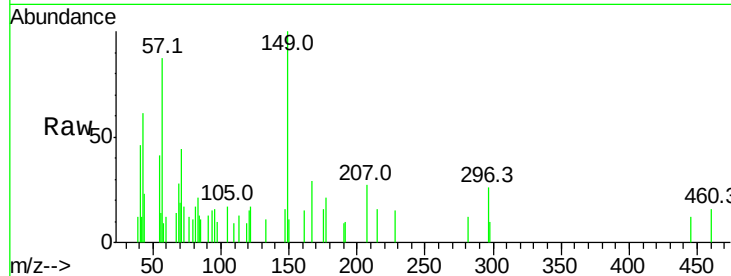




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.540 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.02 min
 Lab File: BF100831.D
 Acq: 22 Nov 2017 19:00

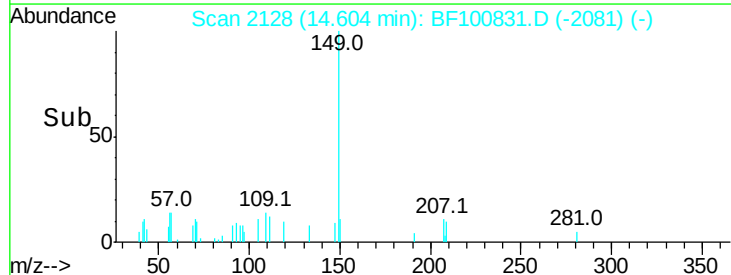
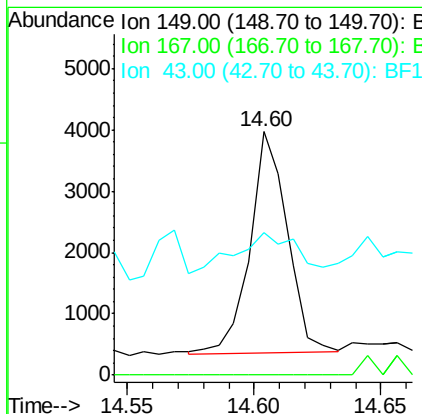
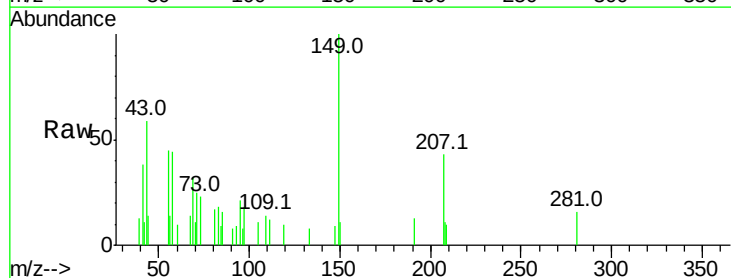
Instrument :
 BNA_F
 ClientSampleId :

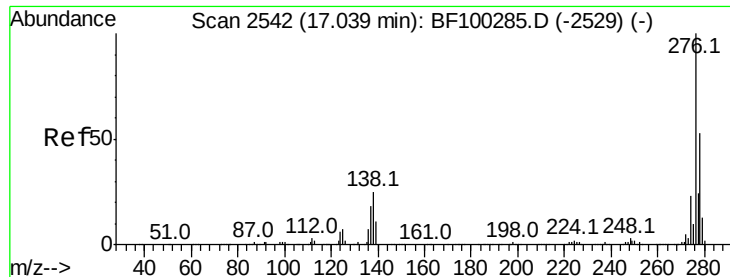
Tot Ion:149 Resp: 4530
 Ion Ratio Lower Upper
 149 100
 167 29.3 21.3 31.9
 279 0.0 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 0.260 ng
 RT: 14.60 min Scan# 2128
 Delta R.T. -0.02 min
 Lab File: BF100831.D
 Acq: 22 Nov 2017 19:00

Tgt Ion:149 Resp: 3746
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 21.2 8.4 12.6#

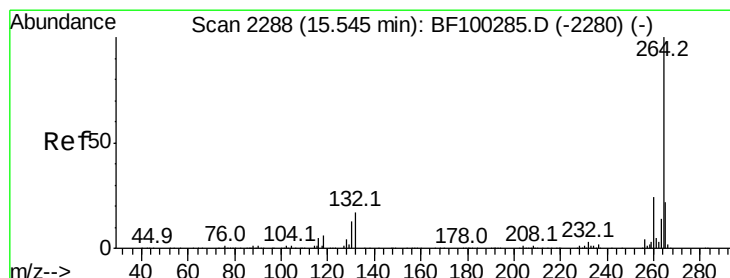
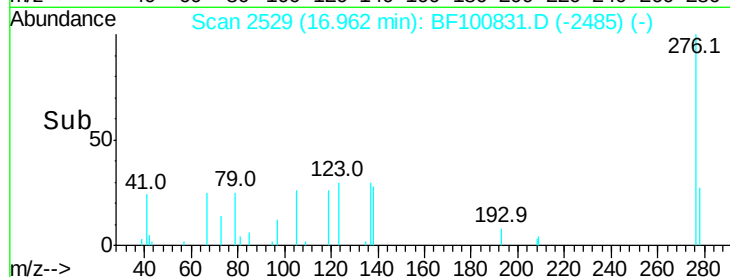
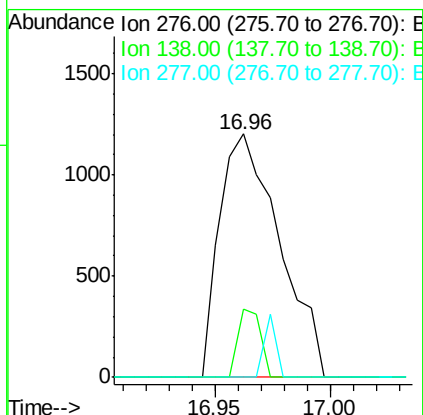
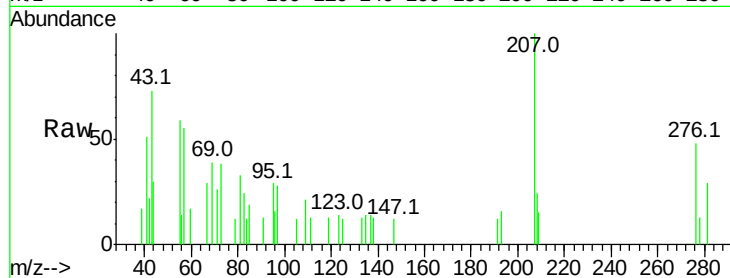




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.210 ng
 RT: 16.96 min Scan# 2529
 Delta R.T. -0.04 min
 Lab File: BF100831.D
 Acq: 22 Nov 2017 19:00

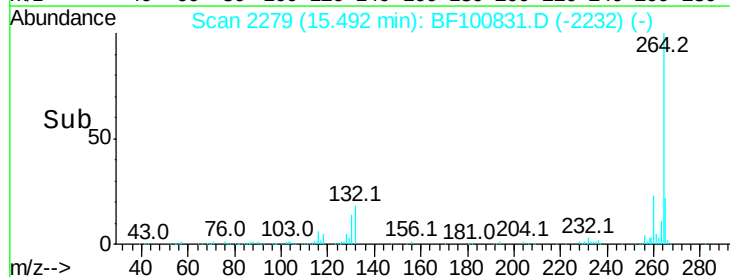
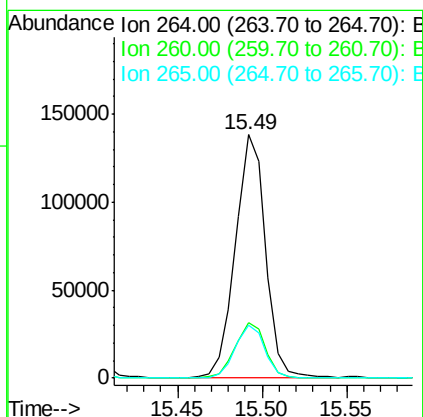
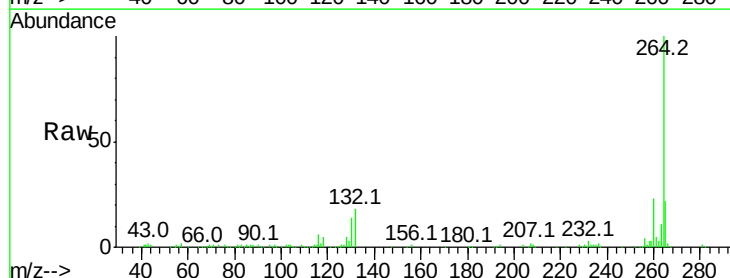
Instrument :
 BNA_F
 ClientSampleId :

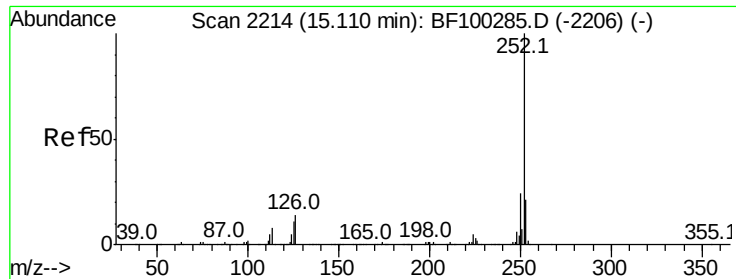
Tot Ion:276 Resp: 2172
 Ion Ratio Lower Upper
 276 100
 138 10.5 25.0 37.6#
 277 5.1 20.1 30.1#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BF100831.D
 Acq: 22 Nov 2017 19:00

Tgt Ion:264 Resp: 172758
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.2 28.8
 265 21.5 17.5 26.3

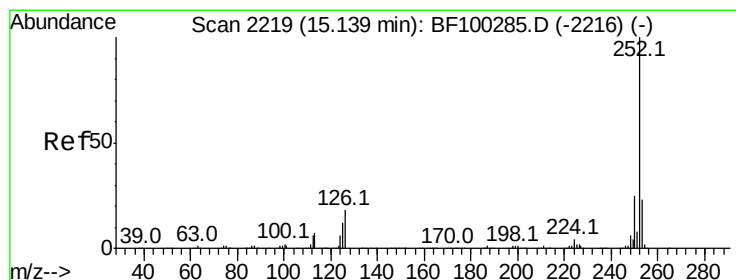
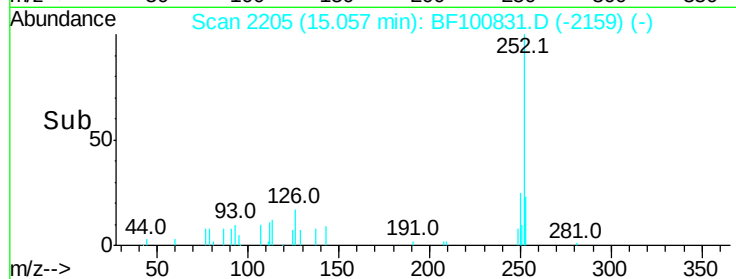
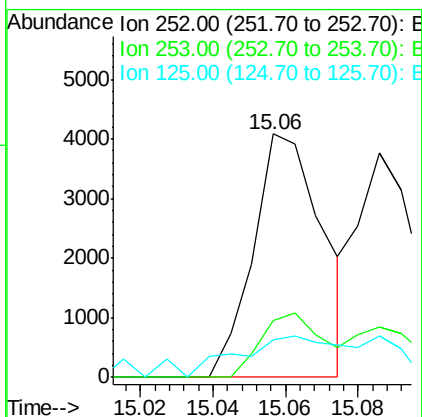
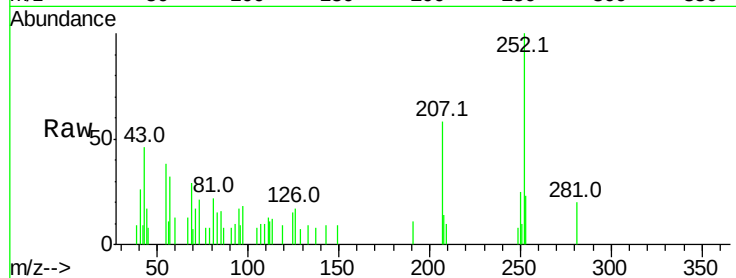




#87
Benzo(b)fluoranthene
Concen: 0.530 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.03 min
Lab File: BF100831.D
Acq: 22 Nov 2017 19:00

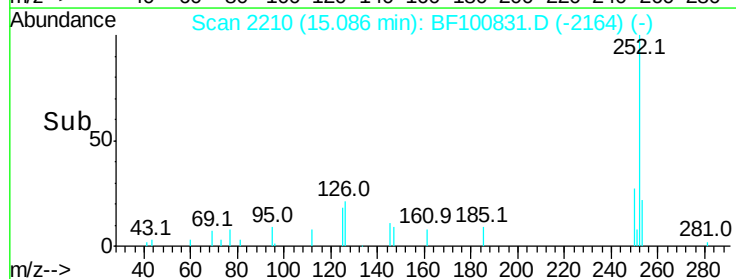
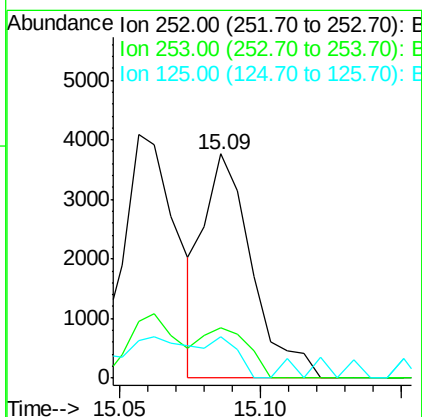
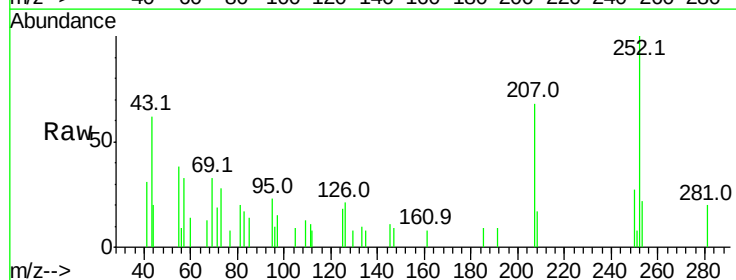
Instrument :
BNA_F
ClientSampleId :

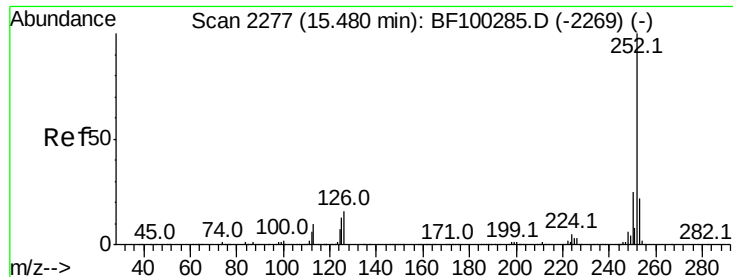
Tot Ion:252 Resp: 5424
Ion Ratio Lower Upper
252 100
253 23.2 17.0 25.6
125 15.4 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 0.460 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.03 min
Lab File: BF100831.D
Acq: 22 Nov 2017 19:00

Tgt Ion:252 Resp: 4451
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 18.2 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 0.483 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.03 min

Lab File: BF100831.D

Acq: 22 Nov 2017 19:00

Instrument :

BNA_F

ClientSampleId :

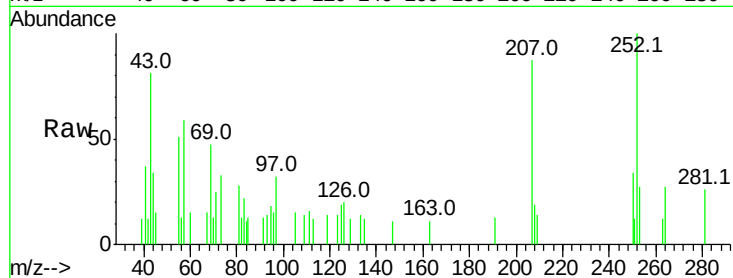
Tot Ion:252 Resp: 4379

Ion Ratio Lower Upper

252 100

253 27.4 17.1 25.7#

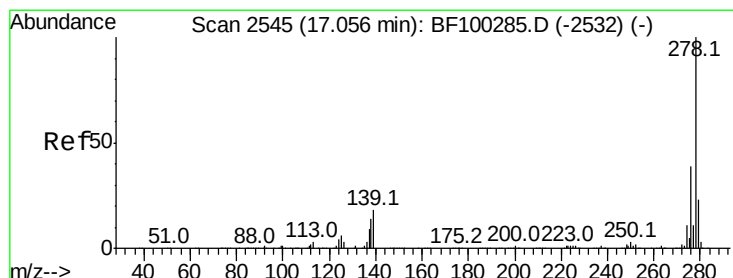
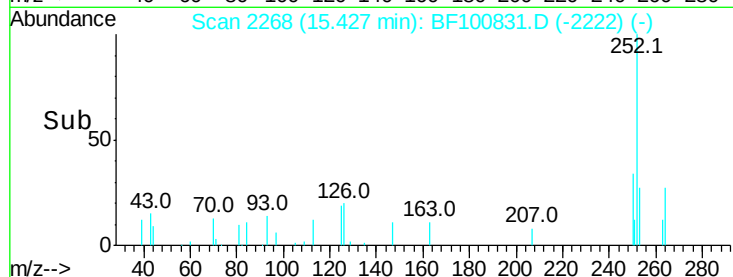
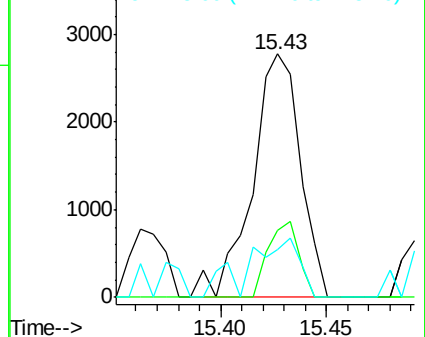
125 19.4 9.8 14.6#



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



#90

Dibenzo(a,h)anthracene

Concen: 0.184 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.04 min

Lab File: BF100831.D

Acq: 22 Nov 2017 19:00

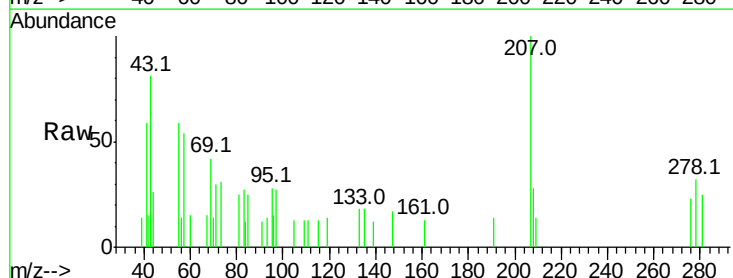
Tgt Ion:278 Resp: 1363

Ion Ratio Lower Upper

278 100

139 37.8 15.9 23.9#

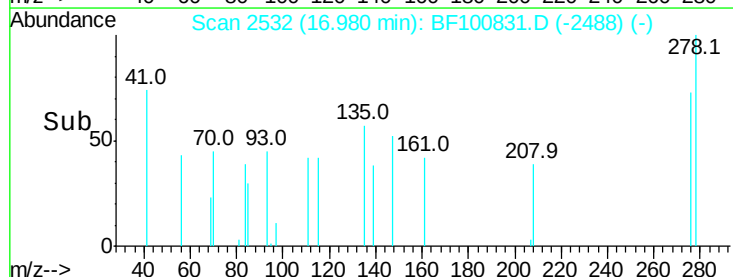
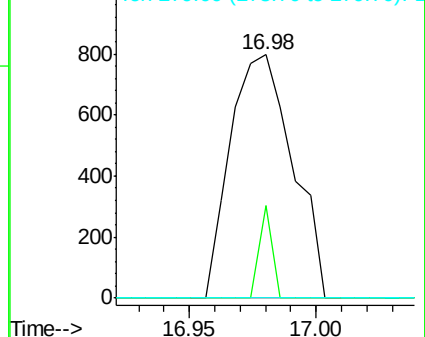
279 0.0 19.0 28.4#

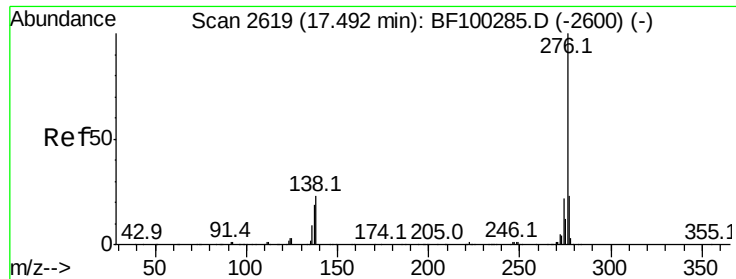


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 0.199 ng
 RT: 17.41 min Scan# 2605
 Delta R.T. -0.05 min
 Lab File: BF100831.D
 Acq: 22 Nov 2017 19:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	0.0	17.9	26.9#
138	0.0	21.8	32.8#

