

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100853.D
 Acq On : 23 Nov 2017 4:47
 Operator : SJ/JU
 Sample : I6548-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 23:47:05 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	78682	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	302495	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	136260	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	226226	20.00	ng	-0.02
75) Chrysene-d12	14.03	240	149797	20.00	ng	-0.02
86) Perylene-d12	15.50	264	171088	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	372603	75.91	ng	-0.01
7) Phenol-d6	6.49	99	462493	76.41	ng	-0.02
23) Nitrobenzene-d5	7.42	82	278507	60.87	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	110729	79.75	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	540316	60.38	ng	-0.02
78) Terphenyl-d14	12.97	244	362489	55.60	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.50	93	425	0.050	ng	# 1
9) Benzaldehyde	6.49	77	499	0.115	ng	# 1
10) Phenol	6.50	94	18177	2.861	ng	# 96
11) bis(2-Chloroethyl)ether	6.63	93	439	0.082	ng	# 1
15) Benzyl Alcohol	7.02	79	4716	0.998	ng	# 41
17) 2-Methylphenol	7.10	107	150	0.034	ng	# 11
18) Hexachloroethane	7.43	117	457	0.229	ng	# 2
19) n-Nitroso-di-n-propylamine	7.42	70	34932	8.322	ng	# 81
20) 3+4-Methylphenols	7.26	107	841	0.150	ng	# 78
24) Nitrobenzene	7.42	77	613	0.130	ng	# 38
25) Isophorone	7.42	82	278503	28.966	ng	# 64
27) 2,4-Dimethylphenol	7.79	122	312	0.072	ng	# 80
31) Naphthalene	8.16	128	75398	5.175	ng	# 98
32) Benzoic acid	7.92	122	760	9.556	ng	# 14
33) 4-Chloroaniline	8.16	127	9342	1.540	ng	# 36
35) Caprolactam	8.85	113	499	0.353	ng	# 1
37) 2-Methylnaphthalene	8.85	142	28152	2.910	ng	# 97
45) 1,1'-Biphenyl	9.32	154	11410	0.968	ng	# 90
46) 2-Chloronaphthalene	9.39	162	375	0.044	ng	# 37
47) 2-Nitroaniline	9.48	65	107	2.824	ng	# 2
48) Acenaphthylene	9.76	152	14609	1.031	ng	# 96
49) Dimethylphthalate	9.61	163	55961	5.379	ng	# 100
50) 2,6-Dinitrotoluene	9.90	165	18582	9.023	ng	# 26
51) Acenaphthene	9.93	154	82406	9.563	ng	# 99
52) 3-Nitroaniline	10.10	138	1342	0.552	ng	# 2
54) Dibenzofuran	10.10	168	88836	7.355	ng	# 98
55) 4-Nitrophenol	10.10	139	31860	16.135	ng	# 10
56) 2,4-Dinitrotoluene	10.05	165	1321	0.508	ng	# 43
57) Fluorene	10.45	166	85650	9.681	ng	# 99
59) Diethylphthalate	10.31	149	3463	0.333	ng	# 99
61) 4-Nitroaniline	10.45	138	920	0.399	ng	# 19
62) Azobenzene	10.60	77	1050	0.107	ng	# 1
65) n-Nitrosodiphenylamine	10.57	169	2262	0.288	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	6940	2.862	ng	# 1

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100853.D
 Acq On : 23 Nov 2017 4:47
 Operator : SJ/JU
 Sample : I6548-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

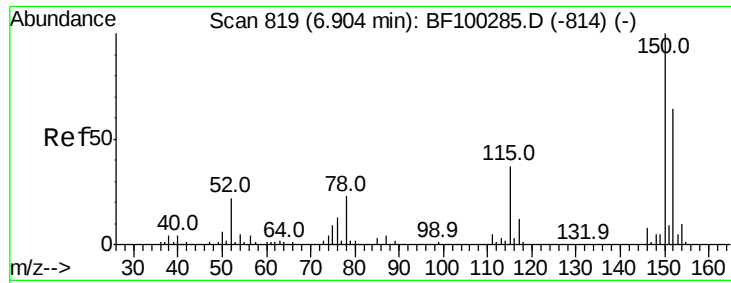
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 23:47:05 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)

70) Phenanthrene	11.42	178	735429	61.743	nq	99
71) Anthracene	11.46	178	220999	18.288	nq	98
72) Carbazole	11.62	167	83121	7.455	nq	97
73) Di-n-butylphthalate	11.94	149	2463	0.189	nq #	85
74) Fluoranthene	12.60	202	580501	45.986	nq	95
76) Benzidine	12.97	184	3832	0.639	nq #	88
77) Pyrene	12.83	202	491581	46.036	nq	99
79) Butylbenzylphthalate	13.43	149	106	0.024	nq #	58
80) Benzo(a)anthracene	14.02	228	260874	28.919	nq	98
81) 3,3'-Dichlorobenzidine	14.06	252	1987	0.615	nq #	1
82) Chrysene	14.05	228	208087	23.821	nq	97
83) Bis(2-ethylhexyl)phthalate	13.99	149	2638	0.461	nq #	90
84) Di-n-octyl phthalate	14.60	149	1011	0.103	nq #	32
85) Indeno(1,2,3-cd)pyrene	16.97	276	90975	12.876	nq #	90
87) Benzo(b)fluoranthene	15.07	252	355482	35.071	nq	97
88) Benzo(k)fluoranthene	15.07	252	355482	37.118	nq	98
89) Benzo(a)pyrene	15.44	252	203514	22.648	nq	98
90) Dibenzo(a,h)anthracene	17.14	278	24692	3.360	nq	97
91) Benzo(g,h,i)perylene	17.42	276	79486	11.049	nq #	91

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

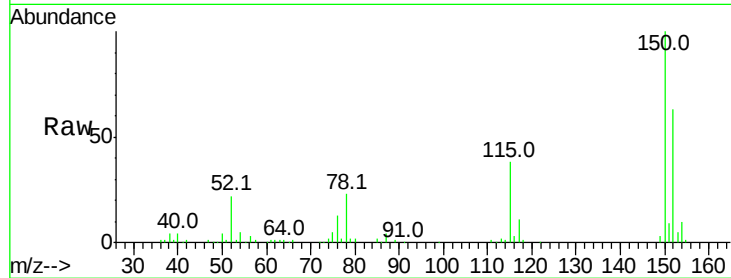


#1

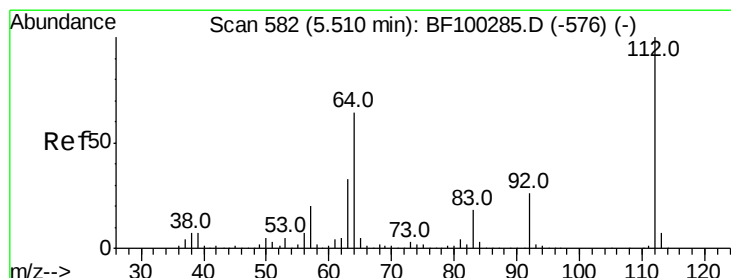
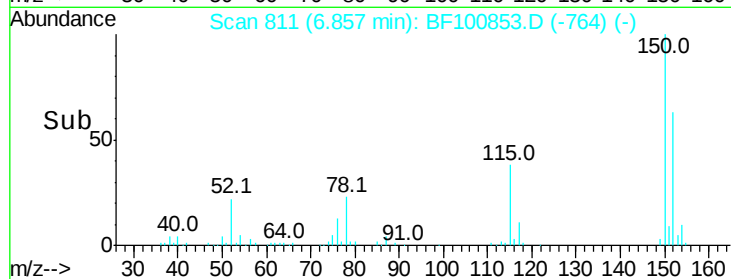
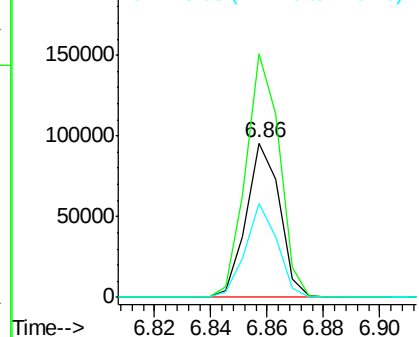
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100853.D
Acq: 23 Nov 2017 4:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 78682
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 60.7 50.1 75.1



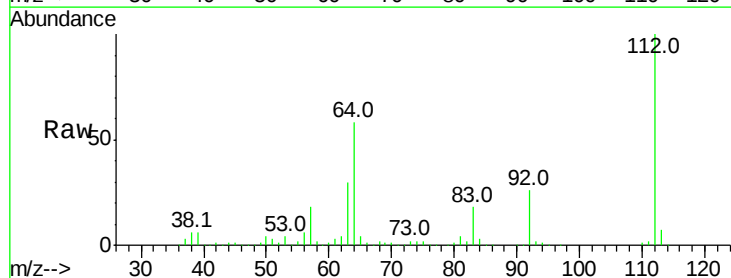
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



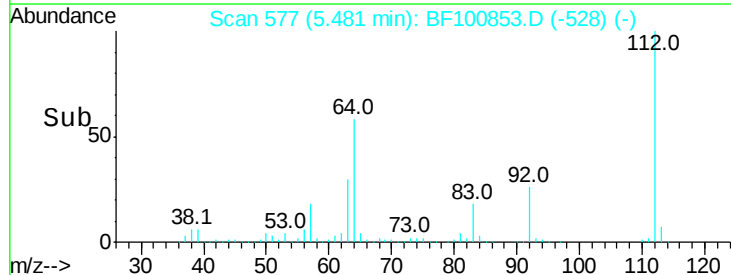
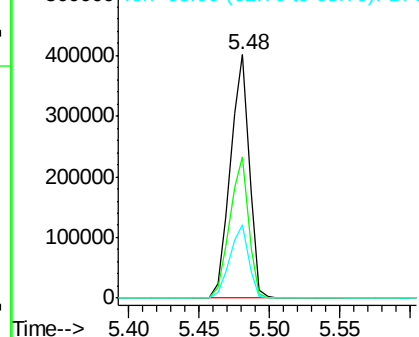
#5

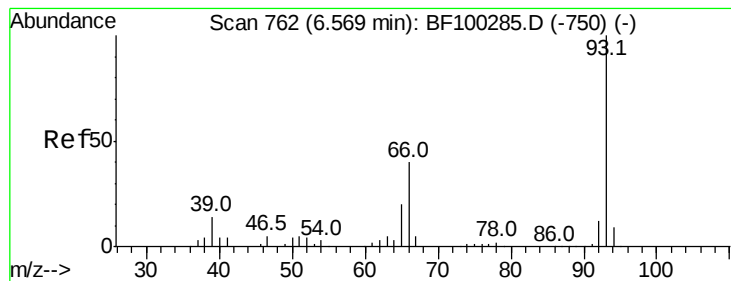
2-Fluorophenol
Concen: 75.910 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF100853.D
Acq: 23 Nov 2017 4:47

Tgt Ion:112 Resp: 372603
Ion Ratio Lower Upper
112 100
64 58.1 47.9 71.9
63 30.3 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: 0.050 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.05 min

Lab File: BF100853.D

Acq: 23 Nov 2017 4:47

Instrument :

BNA_F

ClientSampled :

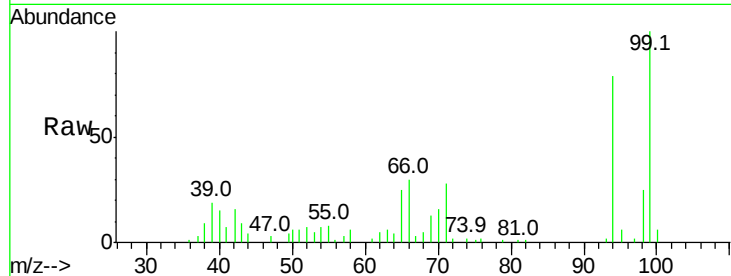
Tot Ion: 93 Resp: 425

Ion Ratio Lower Upper

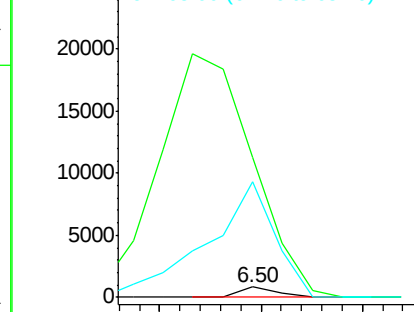
93 100

66 1319.5 32.2 48.2#

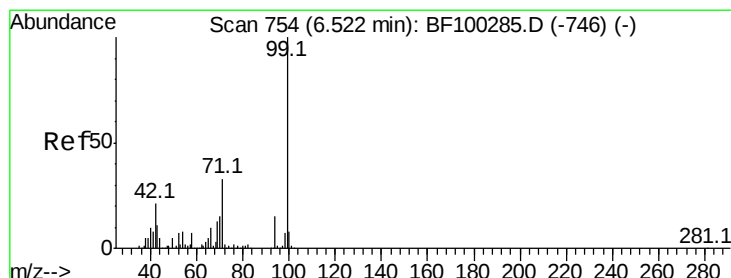
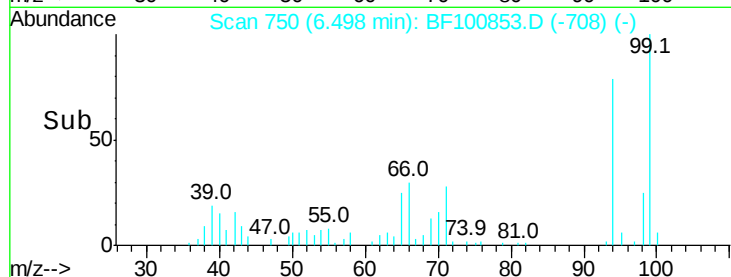
65 1090.2 16.4 24.6#



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: 76.410 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF100853.D

Acq: 23 Nov 2017 4:47

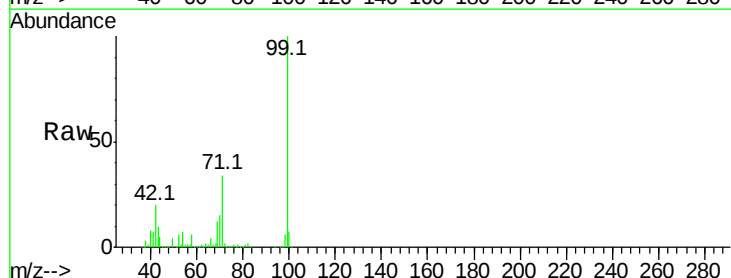
Tgt Ion: 99 Resp: 462493

Ion Ratio Lower Upper

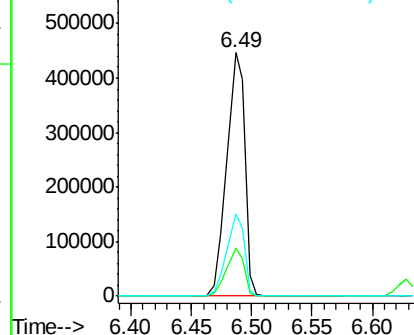
99 100

42 19.6 14.5 21.7

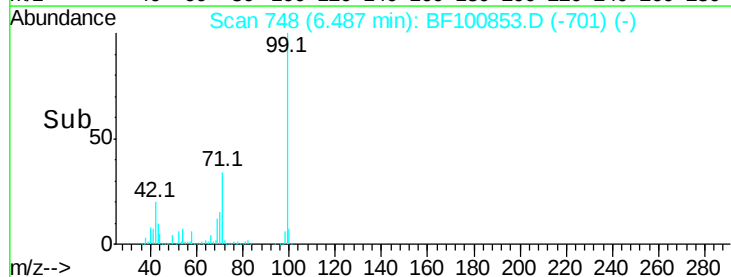
71 34.0 25.4 38.0

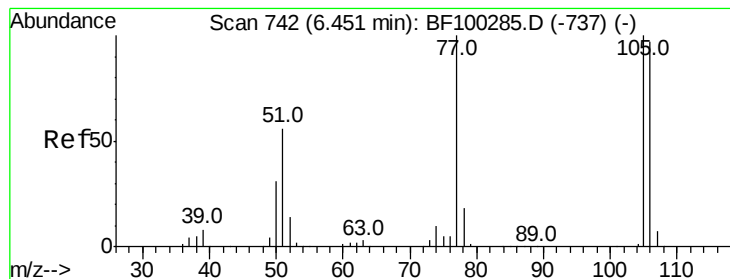


Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



Time-->





#9

Benzaldehyde

Concen: 0.115 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.05 min

Lab File: BF100853.D

Acq: 23 Nov 2017 4:47

Instrument :

BNA_F

ClientSampleId :

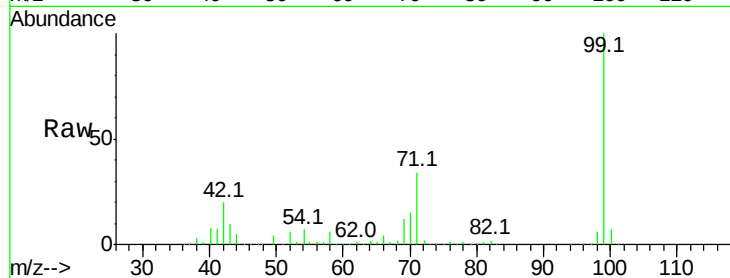
Tot Ion: 77 Resp: 499

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

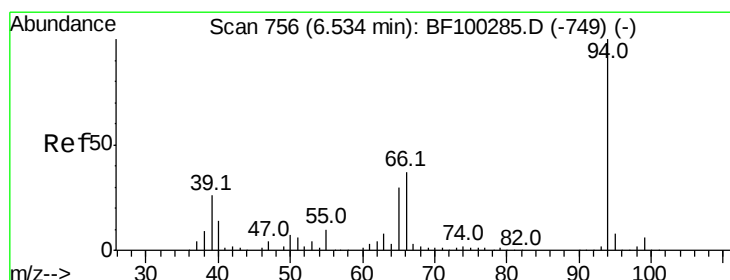
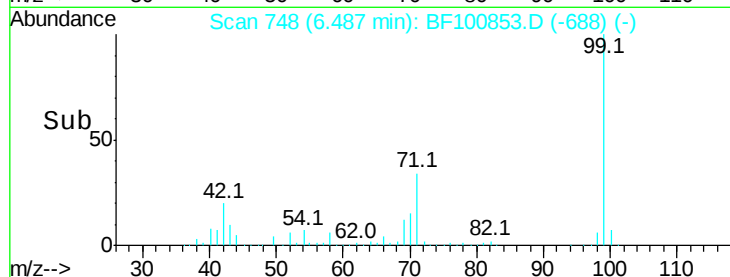
Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

6.49

6.46 6.48 6.50

Time-->



#10

Phenol

Concen: 2.861 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF100853.D

Acq: 23 Nov 2017 4:47

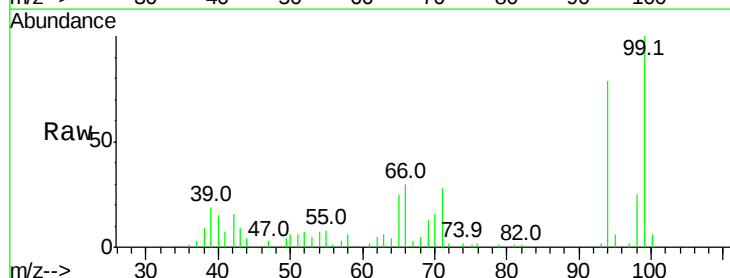
Tgt Ion: 94 Resp: 18177

Ion Ratio Lower Upper

94 100

65 31.3 7.9 47.9

66 37.9 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

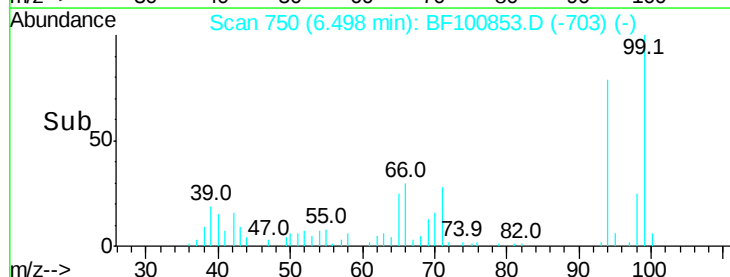
Ion 65.00 (64.70 to 65.70): BF1

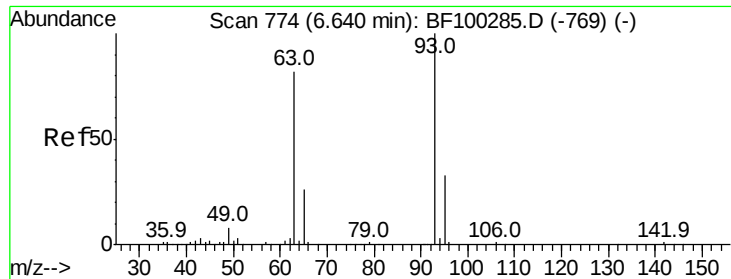
Ion 66.00 (65.70 to 66.70): BF1

6.50

6.46 6.48 6.50 6.52 6.54

Time-->





#11

bis(2-Chloroethyl)ether

Concen: 0.082 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.01 min

Lab File: BF100853.D

Acq: 23 Nov 2017 4:47

Instrument :

BNA_F

ClientSampleId :

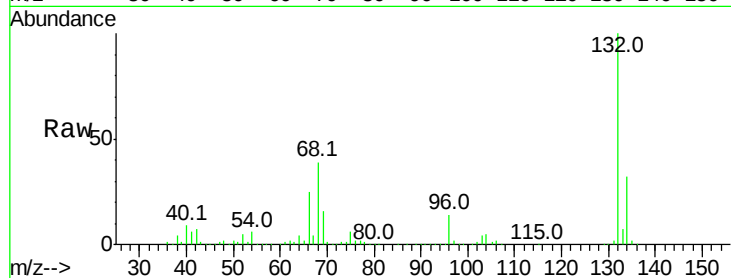
Tot Ion: 93 Resp: 439

Ion Ratio Lower Upper

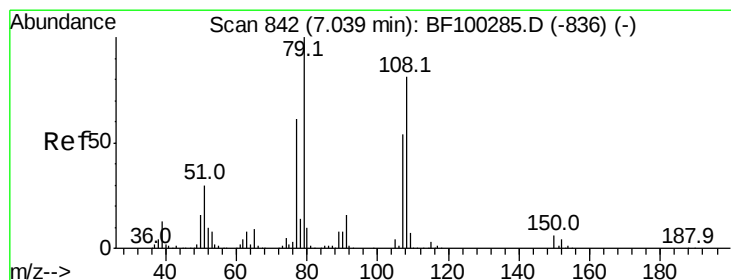
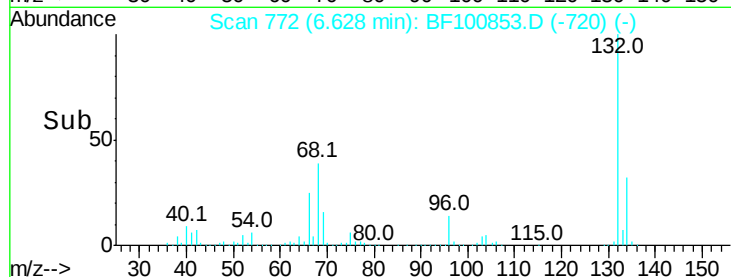
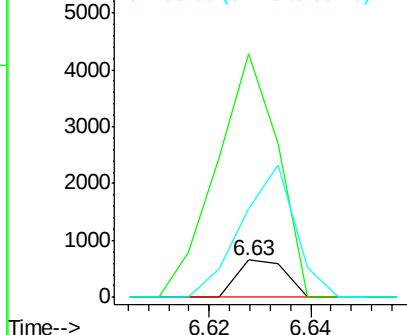
93 100

63 653.3 58.6 98.6#

95 237.3 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: 0.998 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF100853.D

Acq: 23 Nov 2017 4:47

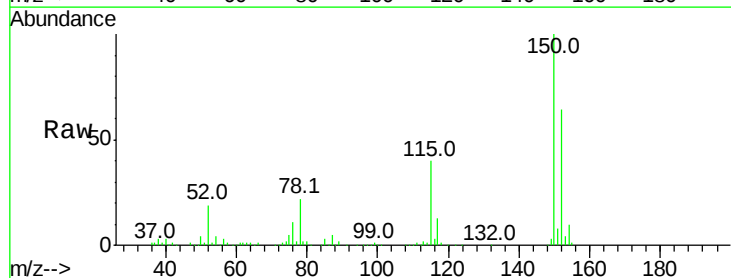
Tgt Ion: 79 Resp: 4716

Ion Ratio Lower Upper

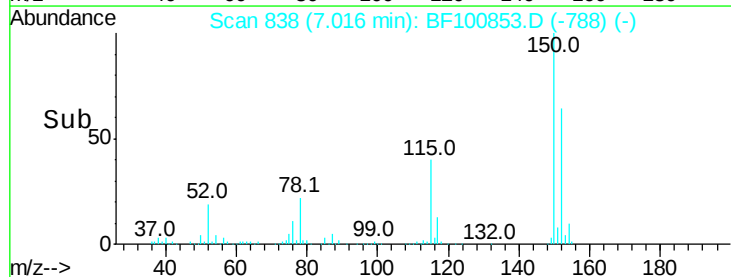
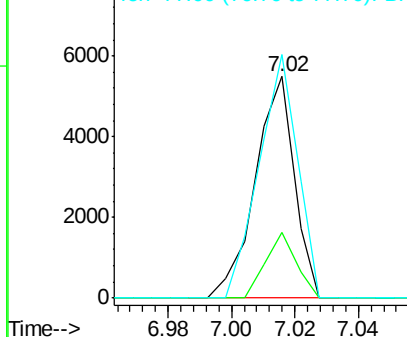
79 100

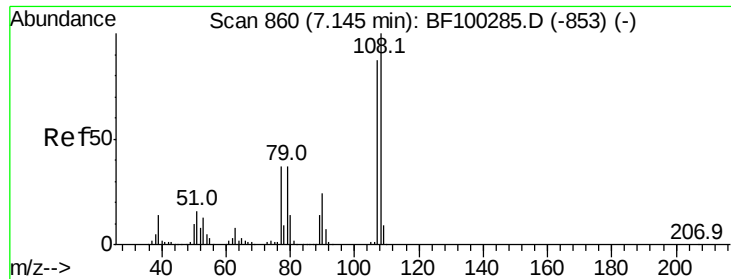
108 29.6 65.1 97.7#

77 110.0 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1





#17

2-Methylphenol

Concen: 0.034 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF100853.D

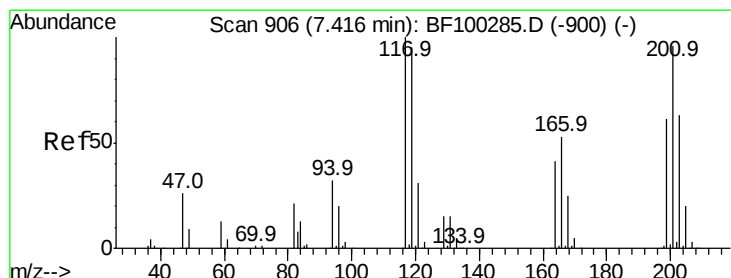
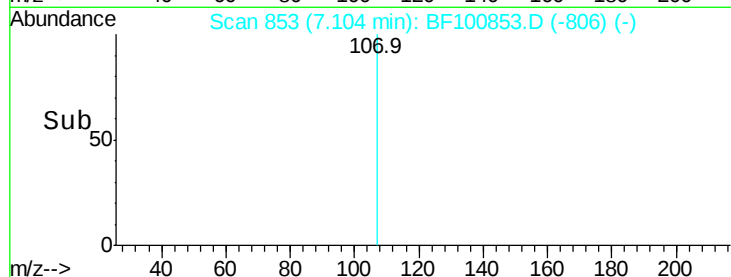
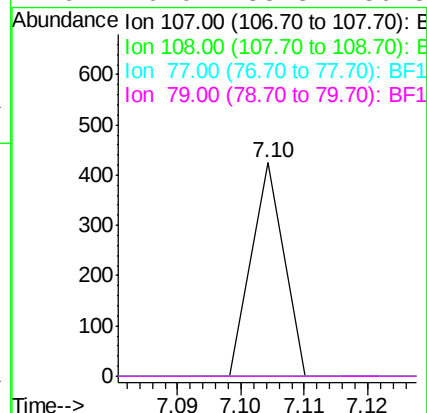
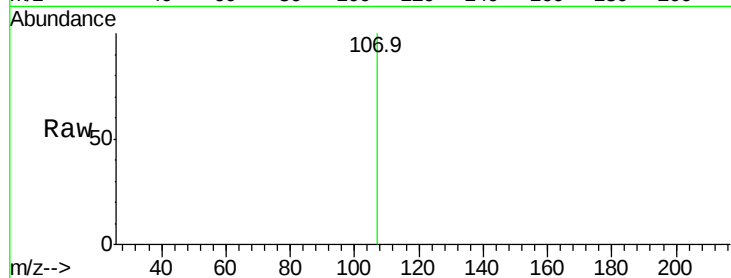
Acq: 23 Nov 2017 4:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	107	Resp:	150
Ion	Ratio	Lower	Upper
107	100		
108	0.0	91.7	137.5#
77	0.0	33.8	50.8#
79	0.0	33.8	50.8#



#18

Hexachloroethane

Concen: 0.229 ng

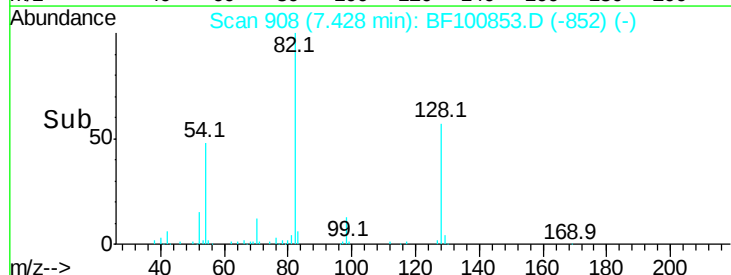
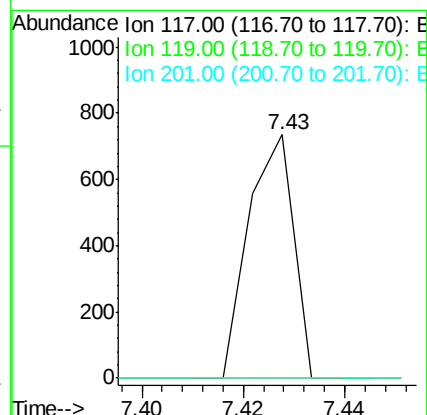
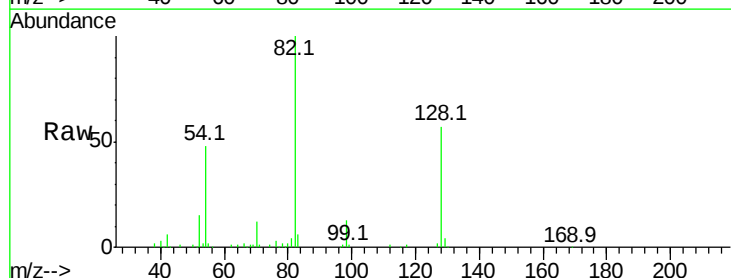
RT: 7.43 min Scan# 908

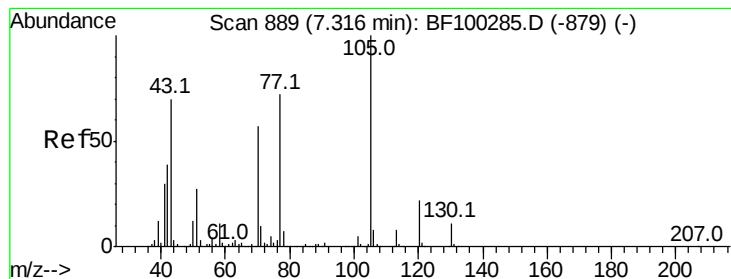
Delta R.T. 0.03 min

Lab File: BF100853.D

Acq: 23 Nov 2017 4:47

Tgt Ion:	117	Resp:	457
Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.8	113.8#
201	0.0	75.7	113.5#





#19

n-Nitroso-di-n-propylamine

Concen: 8.322 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.12 min

Lab File: BF100853.D

Acq: 23 Nov 2017 4:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 34932

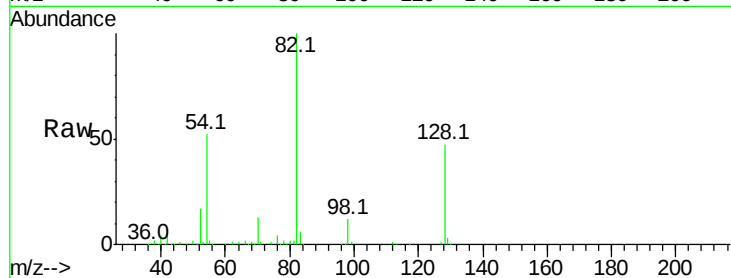
Ion Ratio Lower Upper

70 100

42 51.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

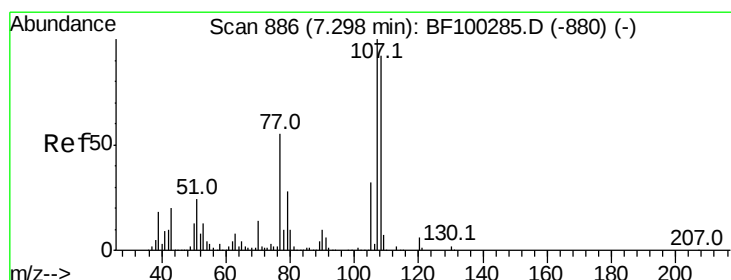
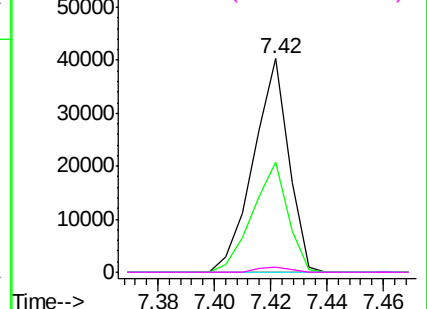
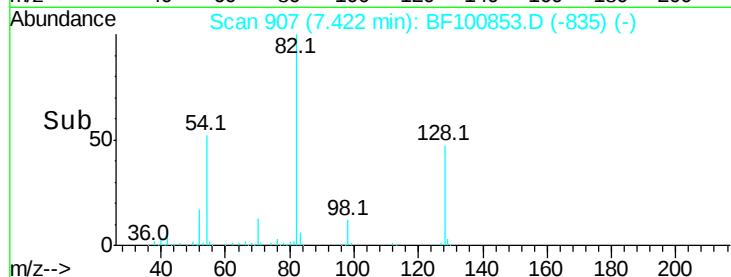


Abundance Ion 70.00 (69.70 to 70.70): BF1

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



#20

3+4-Methylphenols

Concen: 0.150 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF100853.D

Acq: 23 Nov 2017 4:47

Tgt Ion:107 Resp: 841

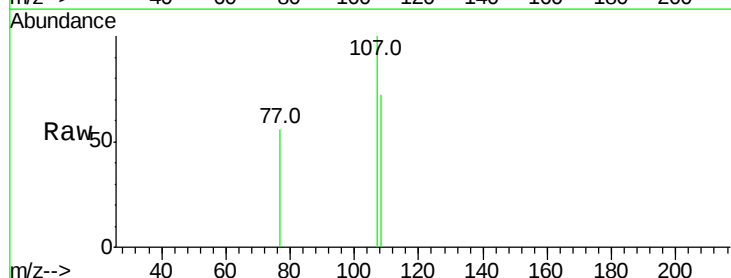
Ion Ratio Lower Upper

107 100

108 71.6 68.2 108.2

77 56.1 26.7 66.7

79 0.0 6.3 46.3#

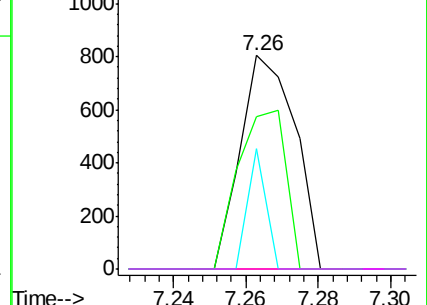
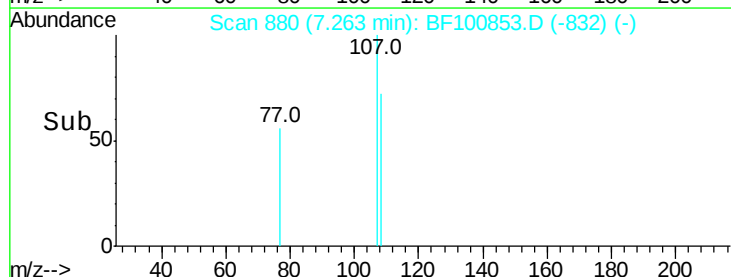


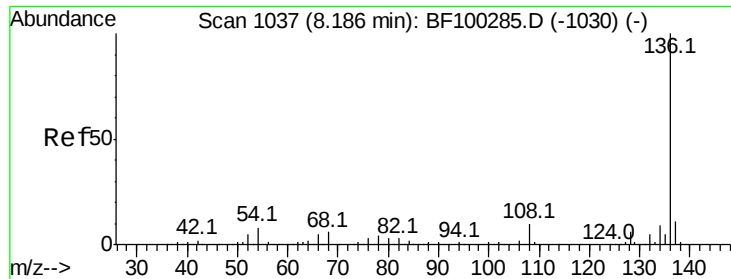
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

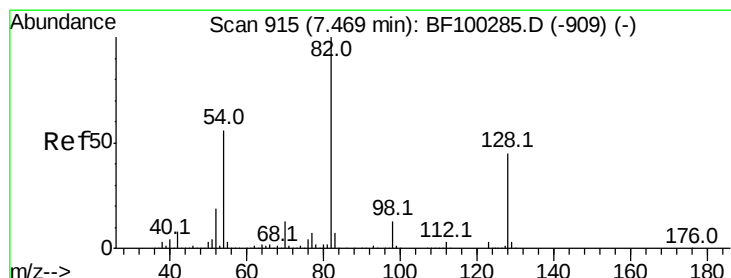
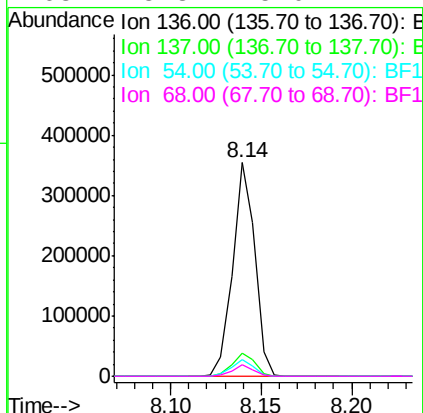
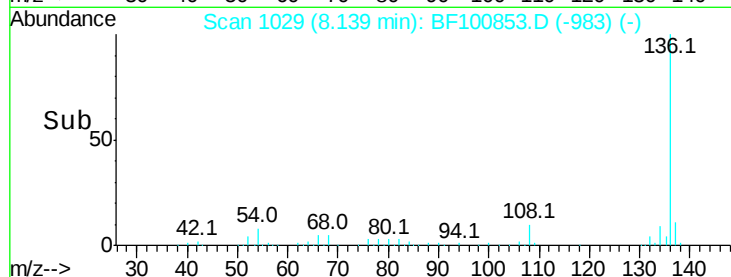
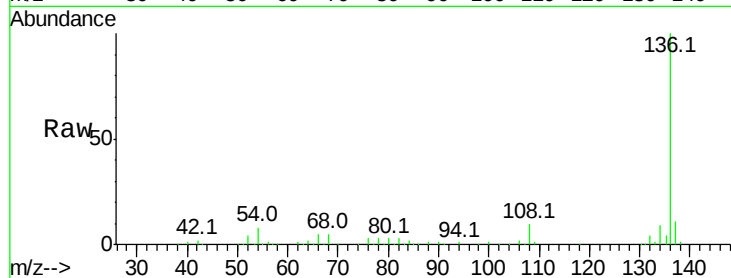




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BF100853.D
Acq: 23 Nov 2017 4:47

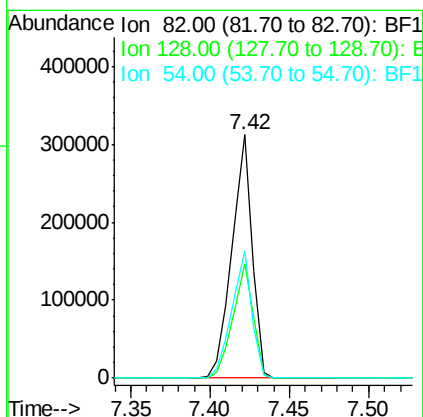
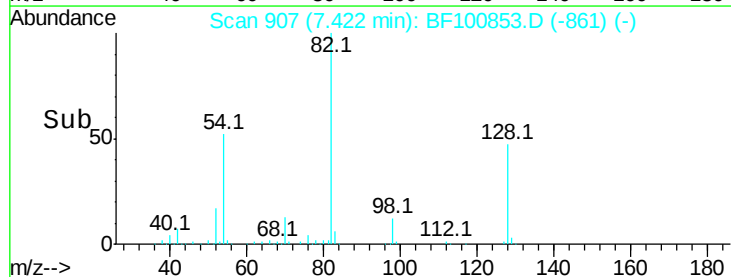
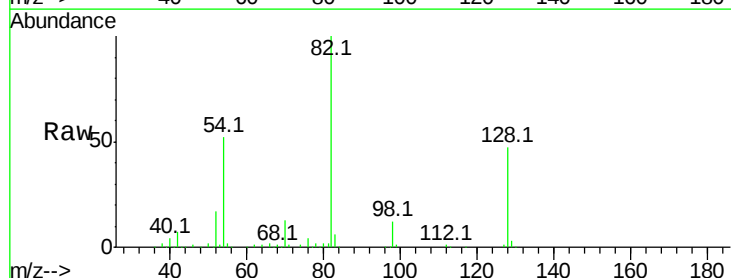
Instrument :
BNA_F
ClientSampled :

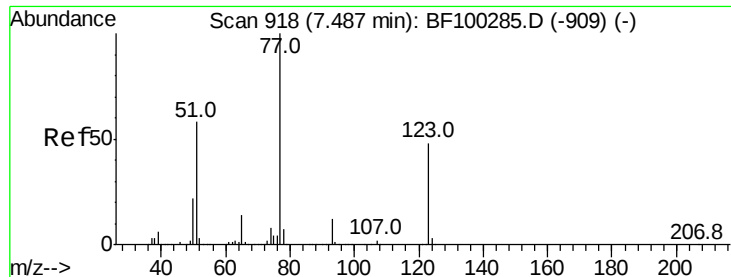
Tot Ion:	136	Resp:	302495
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.0	6.6	9.8
68	5.3	5.0	7.4



#23
Nitrobenzene-d5
Concen: 60.871 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.03 min
Lab File: BF100853.D
Acq: 23 Nov 2017 4:47

Tgt Ion:	82	Resp:	278507
Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.1	54.1
54	52.1	41.4	62.2





#24

Nitrobenzene

Concen: 0.130 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.05 min

Lab File: BF100853.D

Acq: 23 Nov 2017 4:47

Instrument :

BNA_F

ClientSampled :

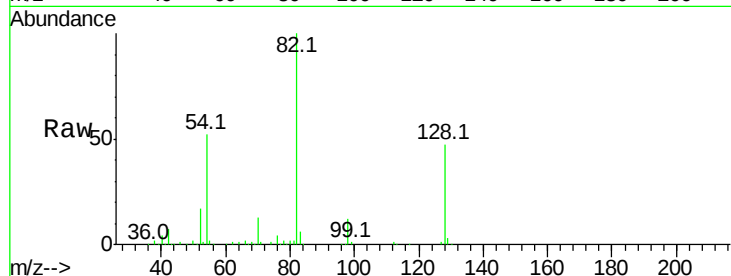
Tot Ion: 77 Resp: 613

Ion Ratio Lower Upper

77 100

123 0.0 37.9 56.9#

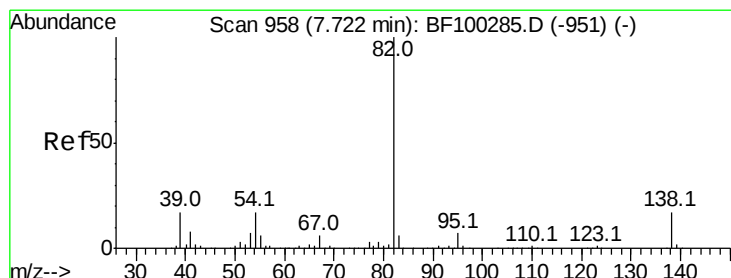
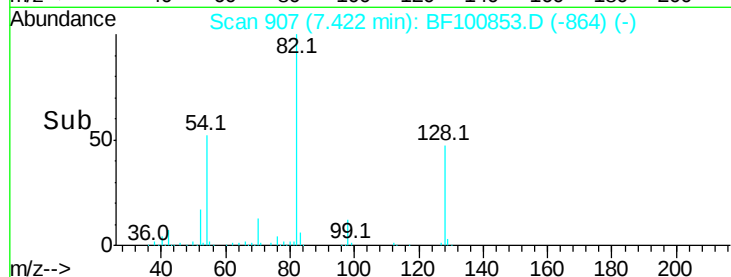
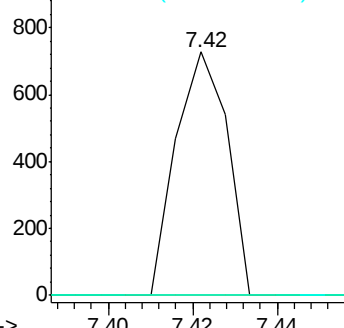
65 0.0 11.0 16.4#



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: 28.966 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.28 min

Lab File: BF100853.D

Acq: 23 Nov 2017 4:47

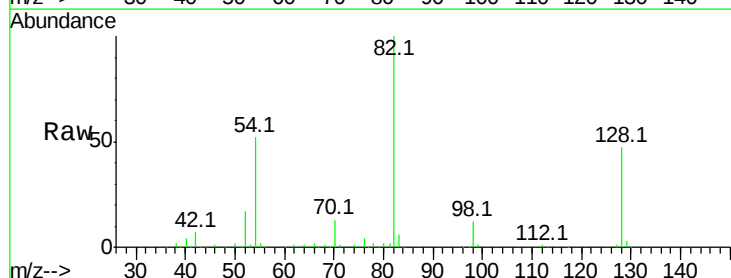
Tgt Ion: 82 Resp: 278503

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

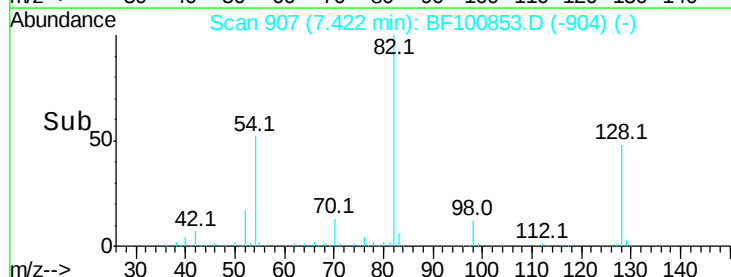
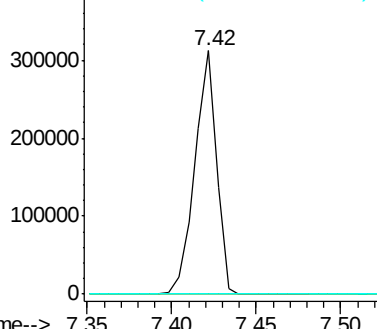
138 0.0 14.9 22.3#

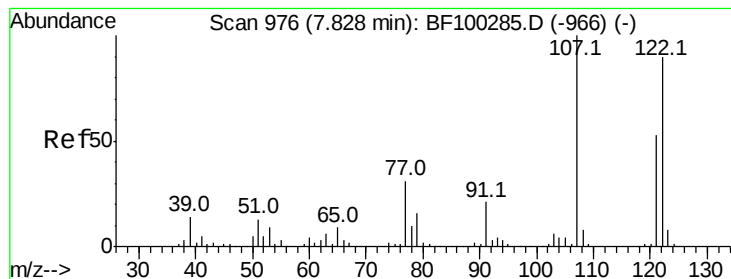


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

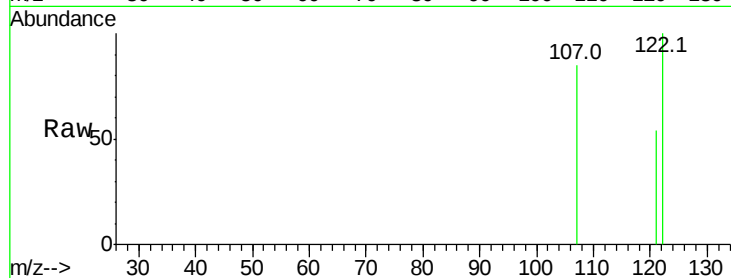




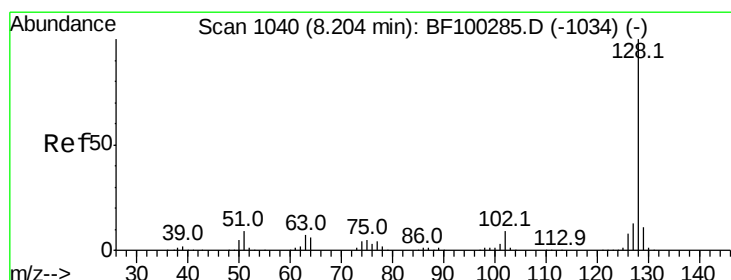
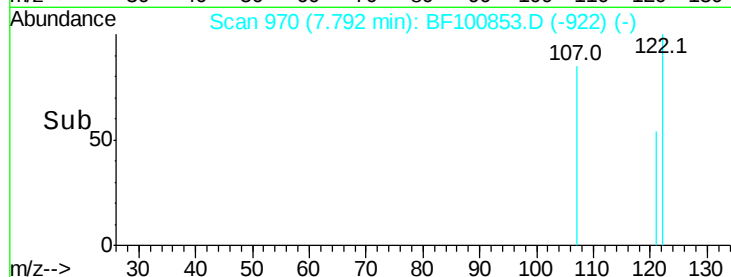
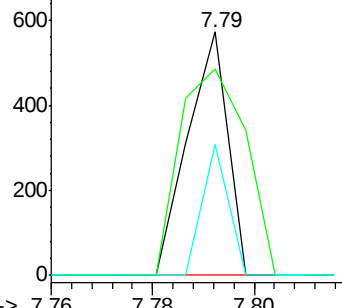
#27
2,4-Dimethylphenol
Concen: 0.072 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.02 min
Lab File: BF100853.D
Acq: 23 Nov 2017 4:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 312
Ion Ratio Lower Upper
122 100
107 85.0 91.2 136.8#
121 53.6 47.2 70.8

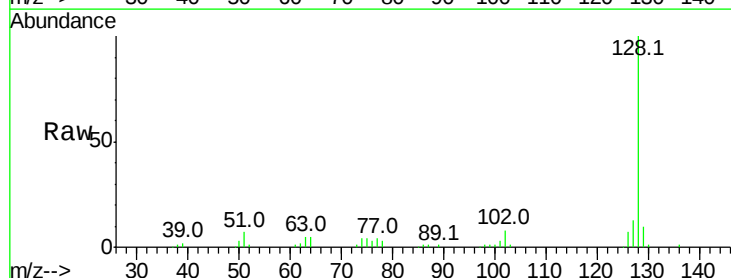


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

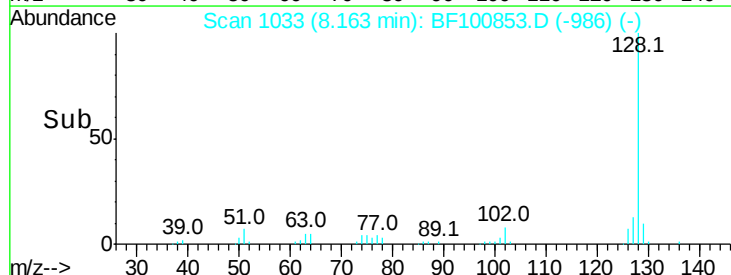
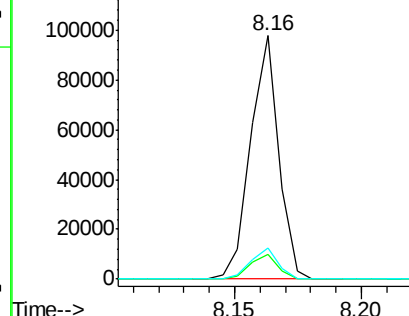


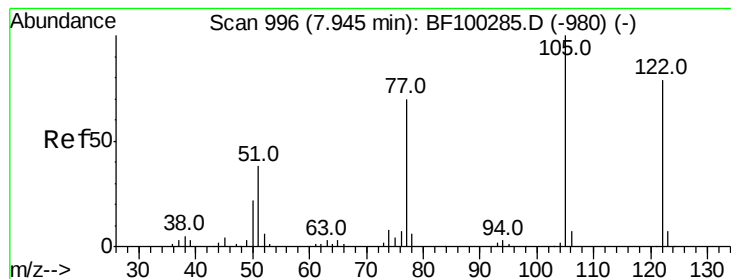
#31
Naphthalene
Concen: 5.175 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BF100853.D
Acq: 23 Nov 2017 4:47

Tgt Ion:128 Resp: 75398
Ion Ratio Lower Upper
128 100
129 10.2 8.8 13.2
127 12.7 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





#32

Benzoic acid

Concen: 9.556 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF100853.D

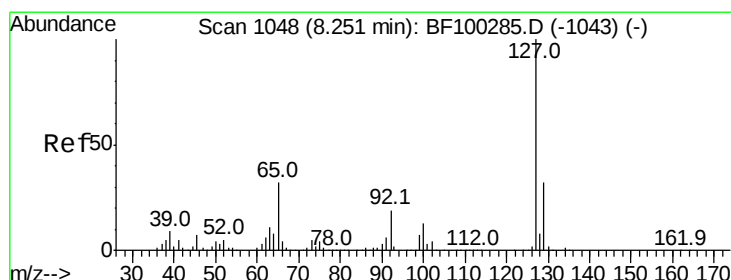
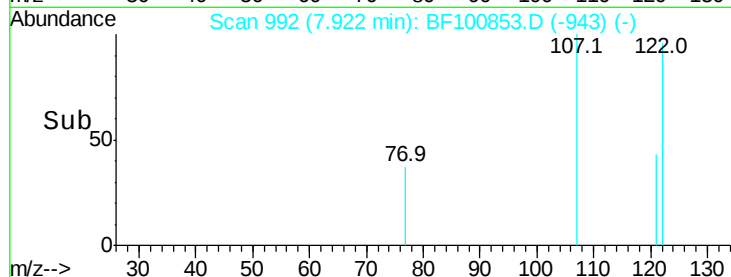
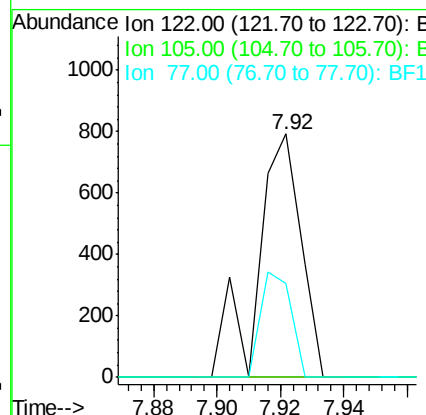
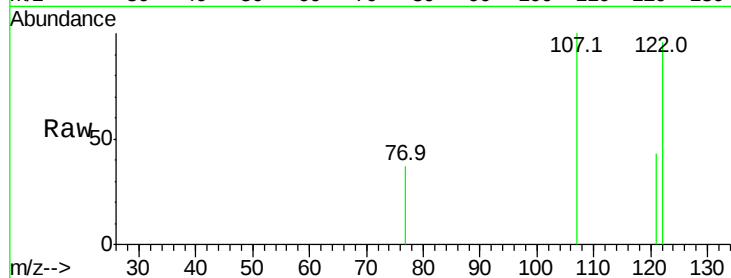
Acq: 23 Nov 2017 4:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	122	Resp:	760
Ion Ratio	Lower	Upper	
122	100		
105	0.0	101.1	141.1#
77	38.6	70.7	110.7#



#33

4-Chloroaniline

Concen: 1.540 ng

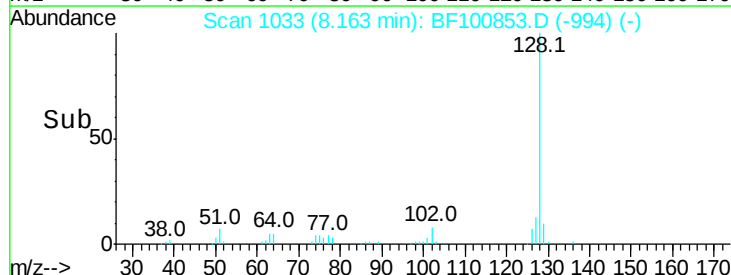
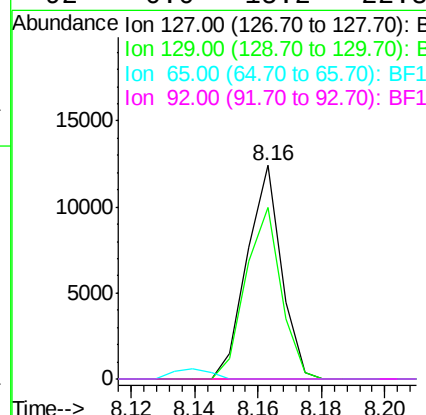
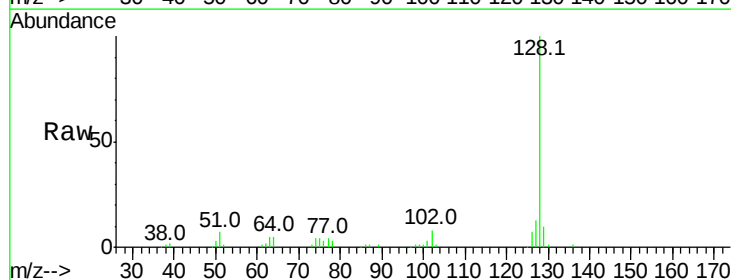
RT: 8.16 min Scan# 1033

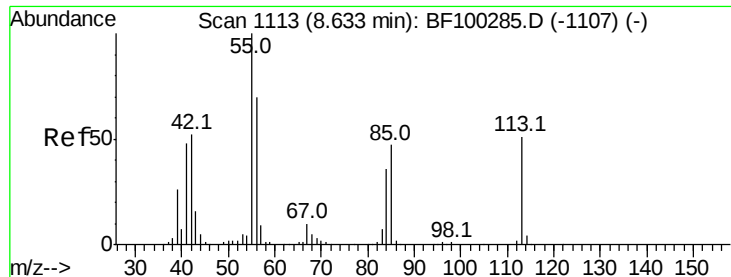
Delta R.T. -0.07 min

Lab File: BF100853.D

Acq: 23 Nov 2017 4:47

Tgt Ion:	127	Resp:	9342
Ion Ratio	Lower	Upper	
127	100		
129	80.1	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#





#35

Caprolactam

Concen: 0.353 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.24 min

Lab File: BF100853.D

Acq: 23 Nov 2017 4:47

Instrument :

BNA_F

ClientSampleId :

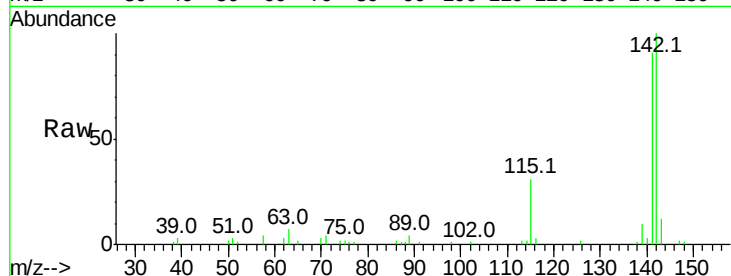
Tot Ion:113 Resp: 499

Ion Ratio Lower Upper

113 100

55 0.0 163.3 203.3#

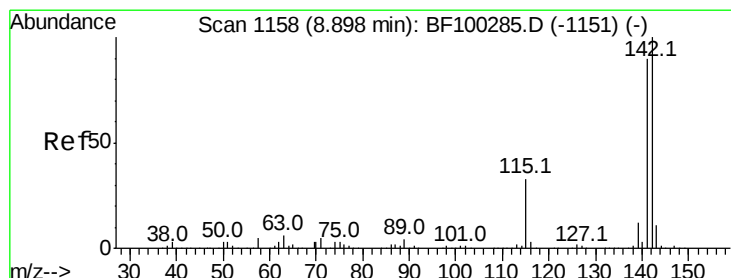
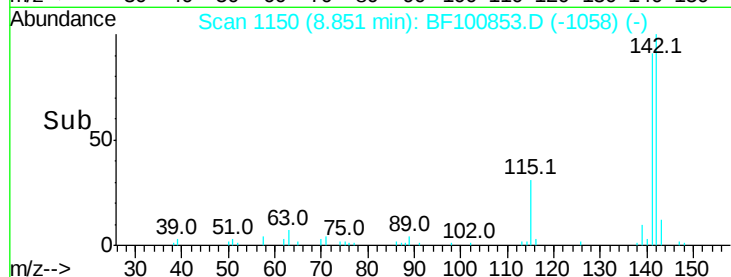
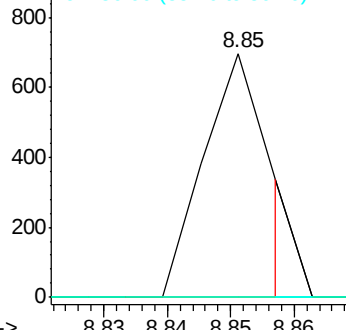
56 0.0 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#37

2-Methylnaphthalene

Concen: 2.910 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.03 min

Lab File: BF100853.D

Acq: 23 Nov 2017 4:47

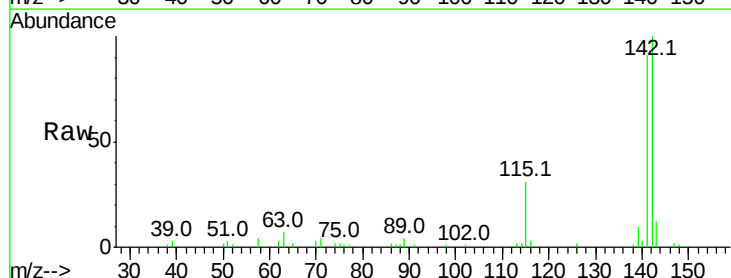
Tgt Ion:142 Resp: 28152

Ion Ratio Lower Upper

142 100

141 91.0 70.8 106.2

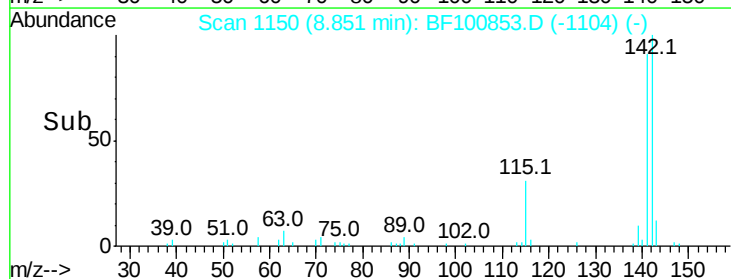
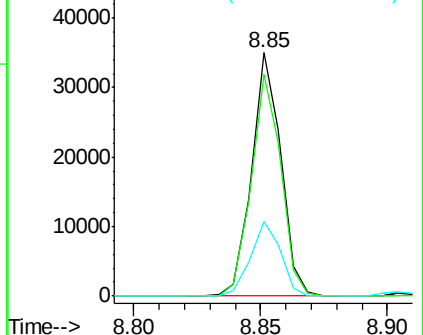
115 30.7 26.1 39.1

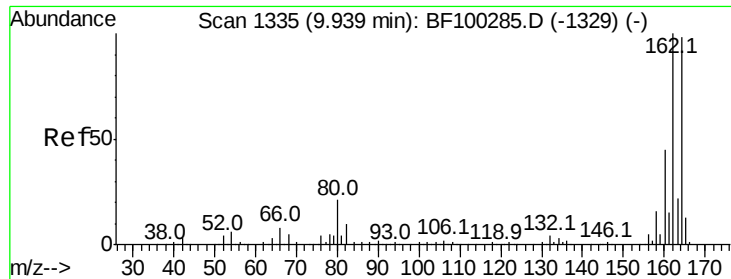


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

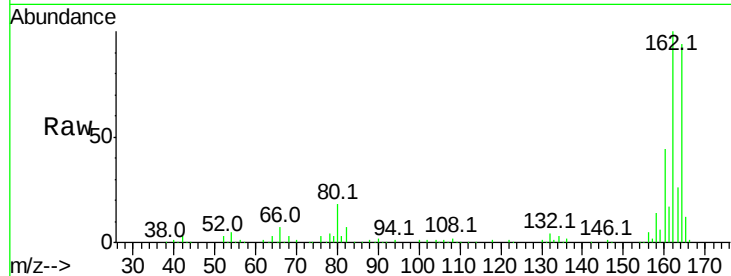




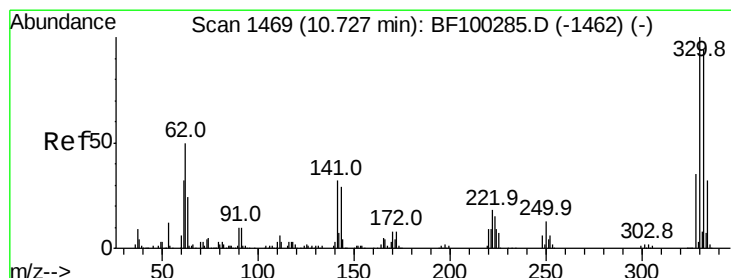
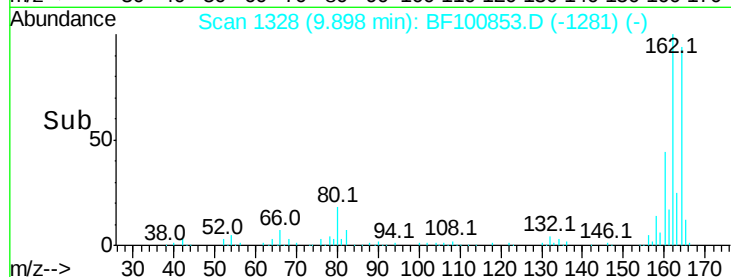
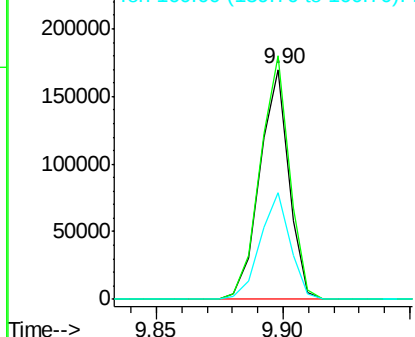
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BF100853.D
Acq: 23 Nov 2017 4:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 136260
Ion Ratio Lower Upper
164 100
162 106.0 86.1 129.1
160 46.2 38.3 57.5

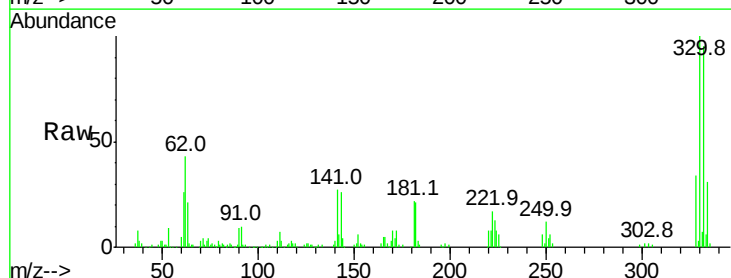


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

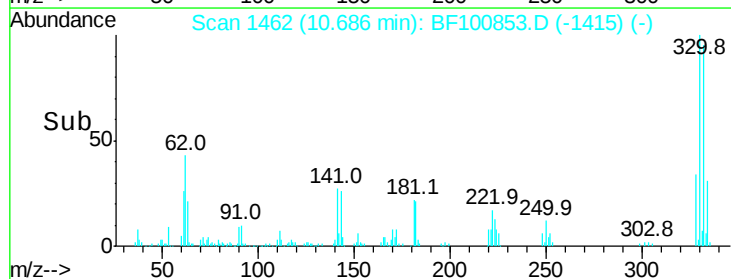
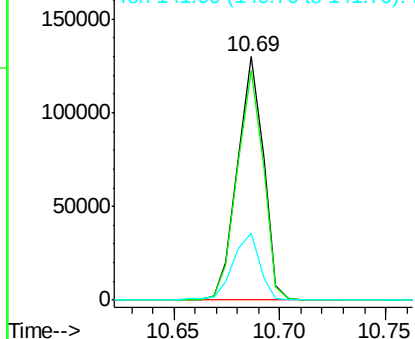


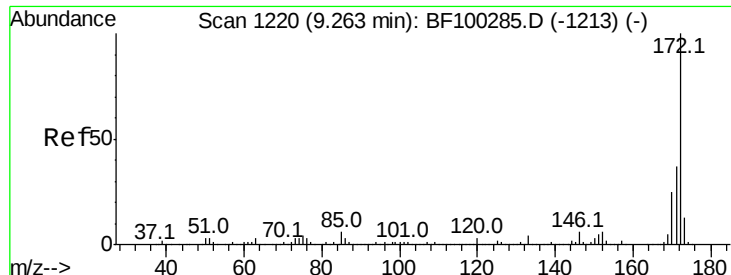
#41
2,4,6-Tribromophenol
Concen: 79.748 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.02 min
Lab File: BF100853.D
Acq: 23 Nov 2017 4:47

Tgt Ion:330 Resp: 110729
Ion Ratio Lower Upper
330 100
332 94.8 77.0 115.6
141 29.1 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

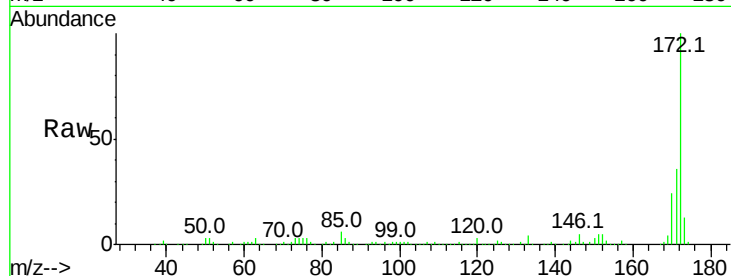




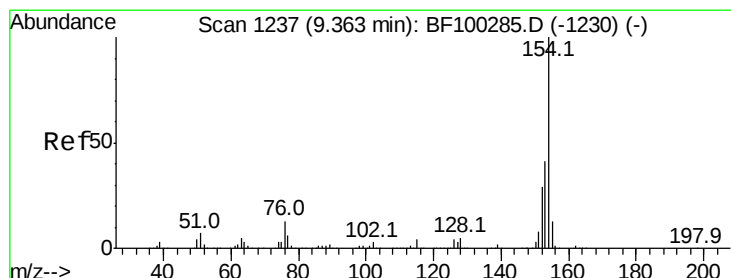
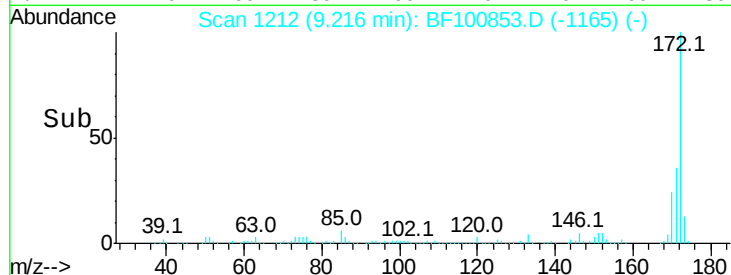
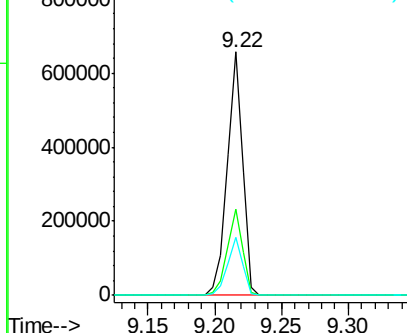
#44
2-Fluorobiphenyl
Concen: 60.381 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF100853.D
Acq: 23 Nov 2017 4:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 540316
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 23.8 19.6 29.4

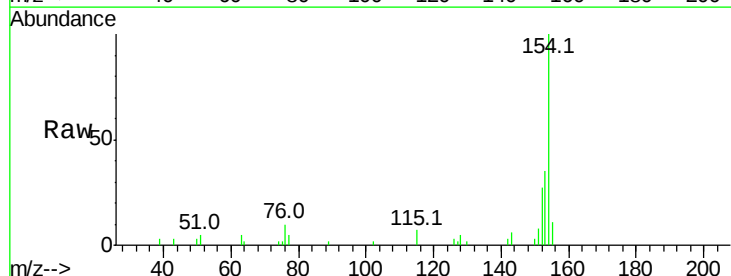


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

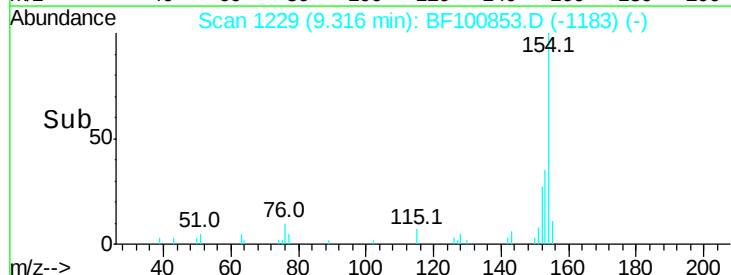
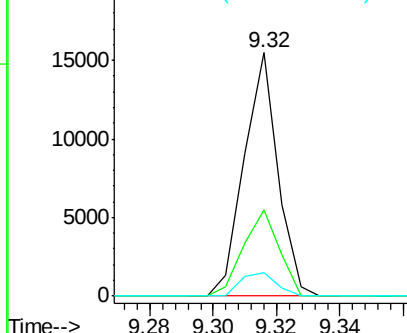


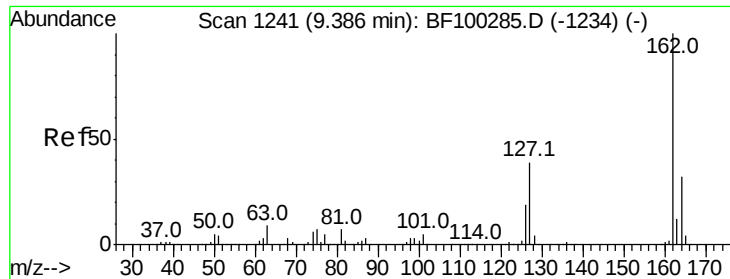
#45
1,1'-Biphenyl
Concen: 0.968 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.03 min
Lab File: BF100853.D
Acq: 23 Nov 2017 4:47

Tgt Ion:154 Resp: 11410
Ion Ratio Lower Upper
154 100
153 35.4 21.3 61.3
76 9.6 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

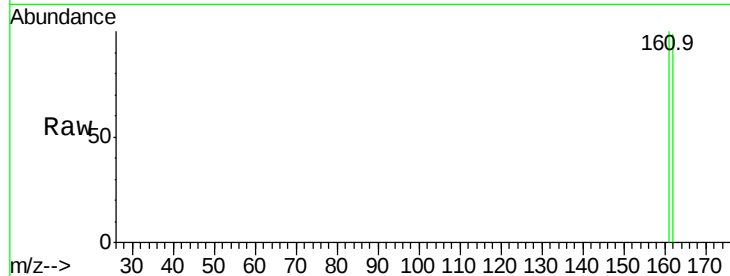




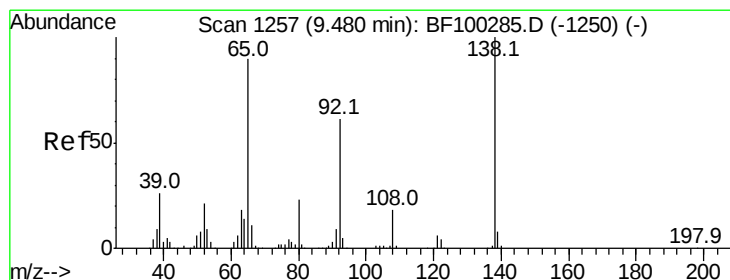
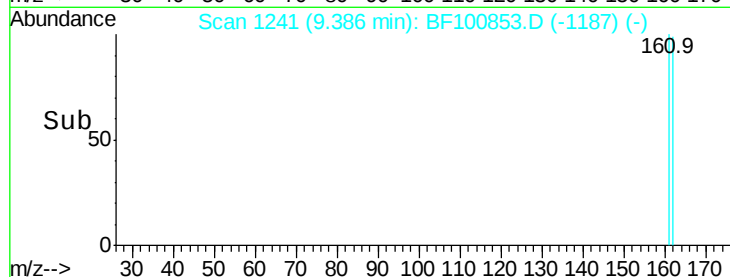
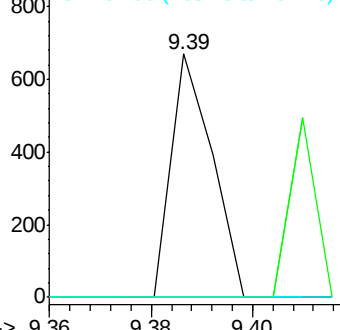
#46
2-Chloronaphthalene
Concen: 0.044 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.02 min
Lab File: BF100853.D
Acq: 23 Nov 2017 4:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 375
Ion Ratio Lower Upper
162 100
127 0.0 33.9 50.9#
164 0.0 26.5 39.7#

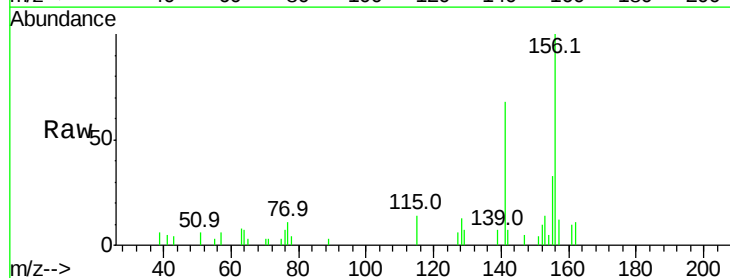


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

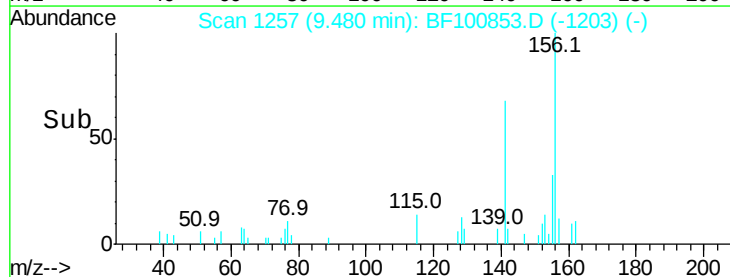
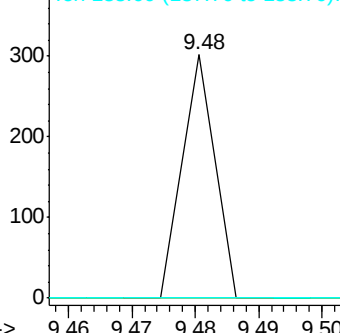


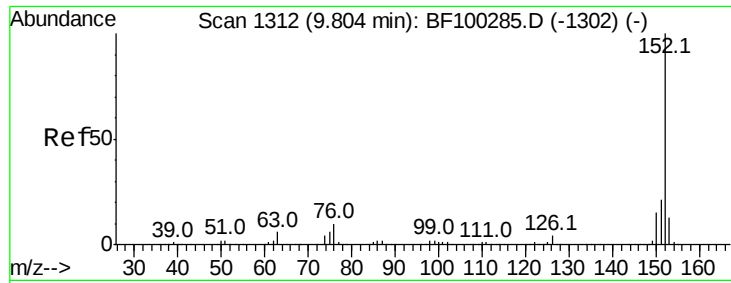
#47
2-Nitroaniline
Concen: 2.824 ng
RT: 9.48 min Scan# 1257
Delta R.T. 0.02 min
Lab File: BF100853.D
Acq: 23 Nov 2017 4:47

Tgt Ion: 65 Resp: 107
Ion Ratio Lower Upper
65 100
92 0.0 55.8 83.6#
138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E

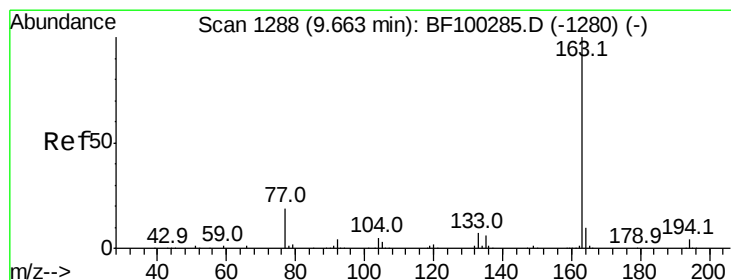
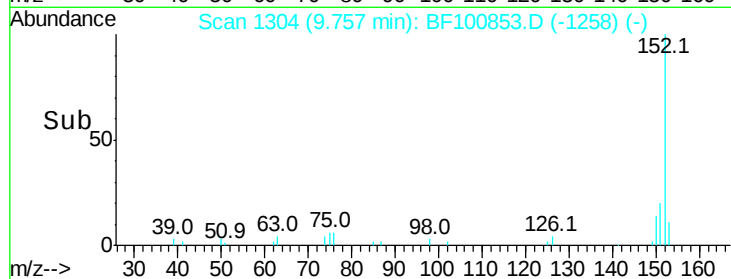
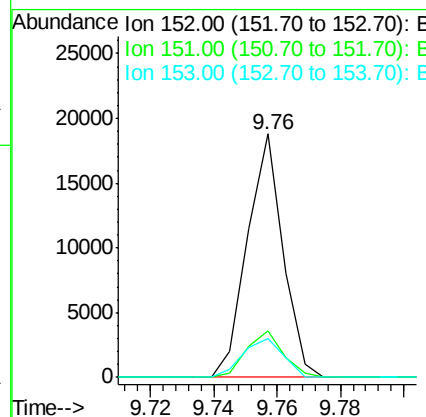
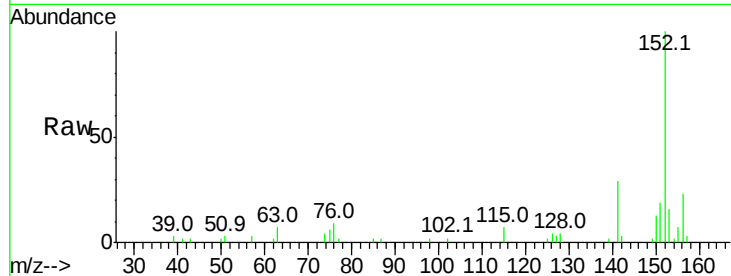




#48
Acenaphthylene
Concen: 1.031 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.03 min
Lab File: BF100853.D
Acq: 23 Nov 2017 4:47

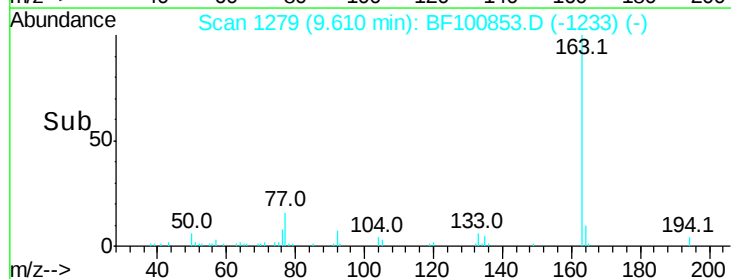
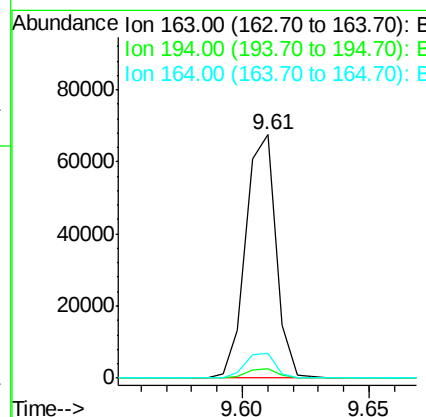
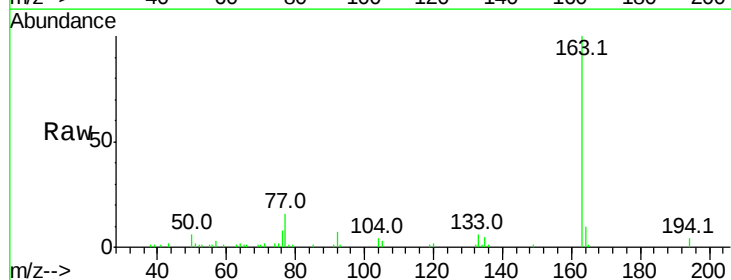
Instrument :
BNA_F
ClientSampleId :

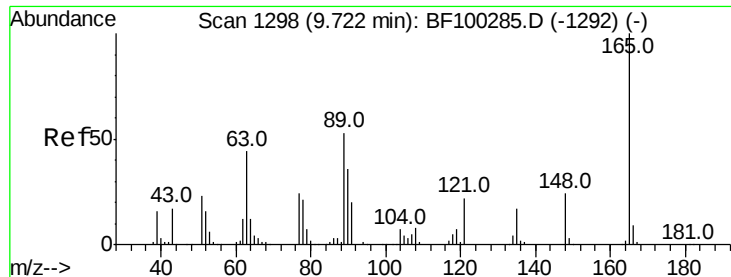
Tot Ion:152 Resp: 14609
Ion Ratio Lower Upper
152 100
151 19.3 16.3 24.5
153 15.8 10.7 16.1



#49
Dimethylphthalate
Concen: 5.379 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.03 min
Lab File: BF100853.D
Acq: 23 Nov 2017 4:47

Tgt Ion:163 Resp: 55961
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.2 8.2 12.2

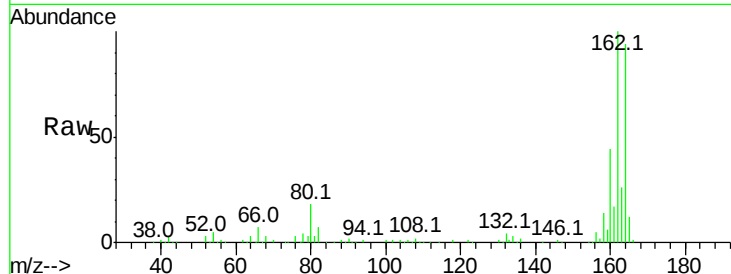




#50
2,6-Dinitrotoluene
Concen: 9.023 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.19 min
Lab File: BF100853.D
Acq: 23 Nov 2017 4:47

Instrument :
BNA_F
ClientSampleId :

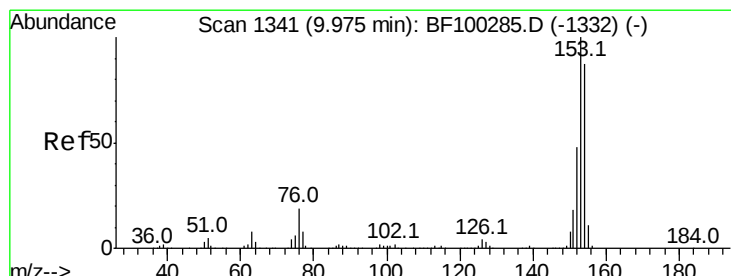
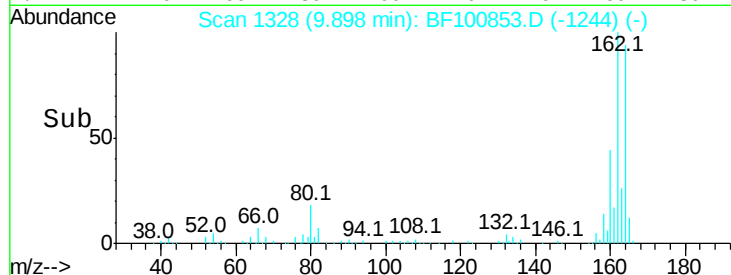
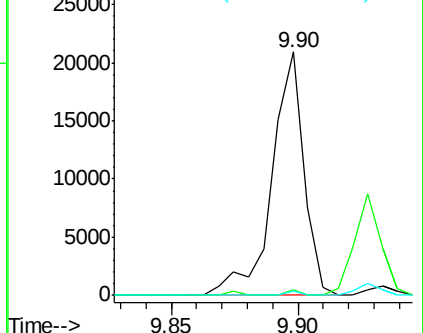
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.7	67.1#
89	2.0	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

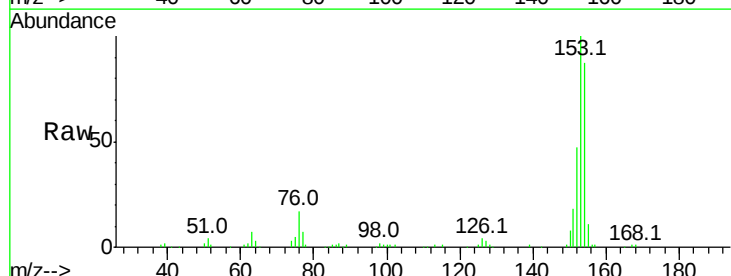
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#51
Acenaphthene
Concen: 9.563 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.03 min
Lab File: BF100853.D
Acq: 23 Nov 2017 4:47

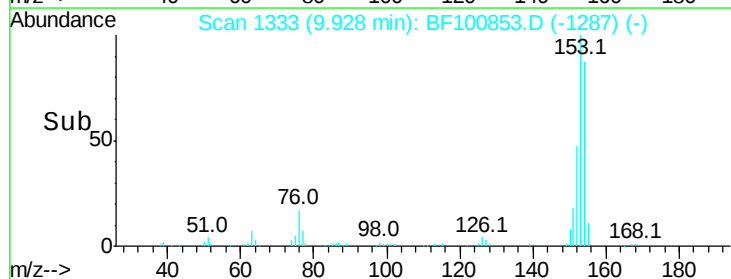
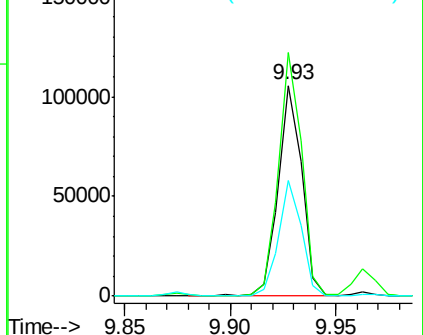
Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.6	91.2	136.8
152	54.7	43.8	65.8

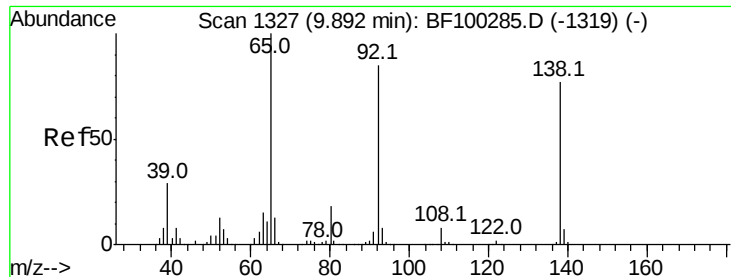


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

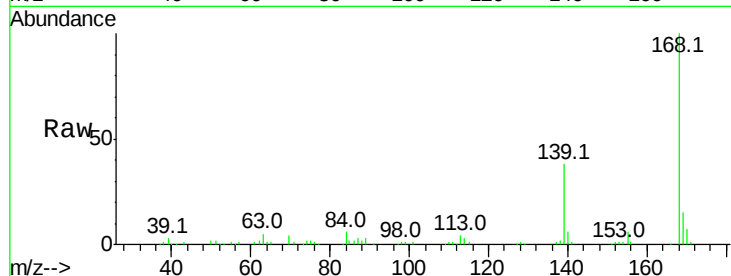




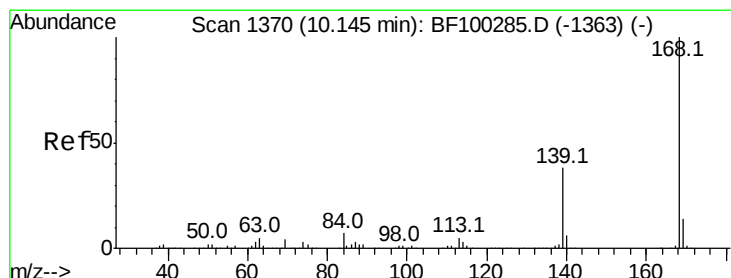
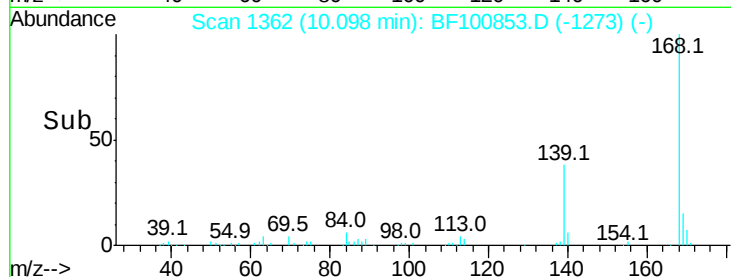
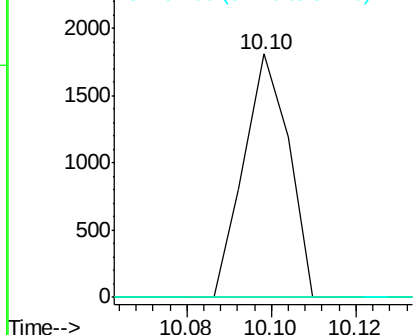
#52
3-Nitroaniline
Concen: 0.552 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.22 min
Lab File: BF100853.D
Acq: 23 Nov 2017 4:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 1342
Ion Ratio Lower Upper
138 100
108 0.0 9.4 14.0#
92 0.0 89.4 134.2#

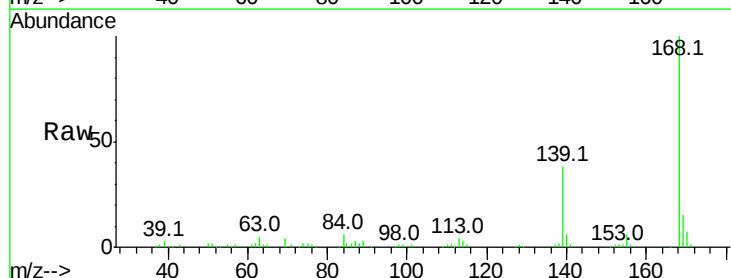


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

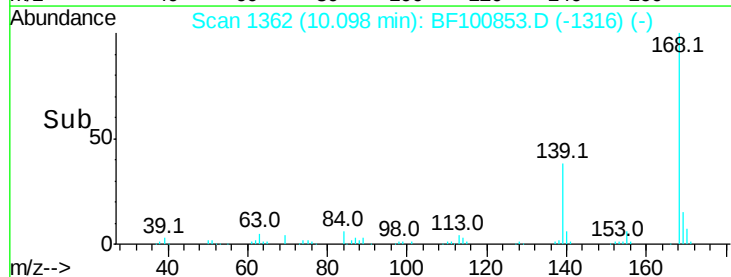
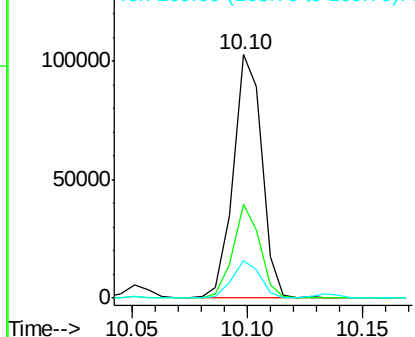


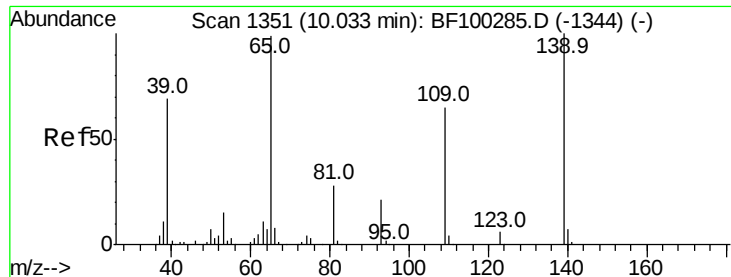
#54
Dibenzofuran
Concen: 7.355 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.03 min
Lab File: BF100853.D
Acq: 23 Nov 2017 4:47

Tgt Ion:168 Resp: 88836
Ion Ratio Lower Upper
168 100
139 38.3 30.1 45.1
169 15.3 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 16.135 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.08 min

Lab File: BF100853.D

Acq: 23 Nov 2017 4:47

Instrument :

BNA_F

ClientSampled :

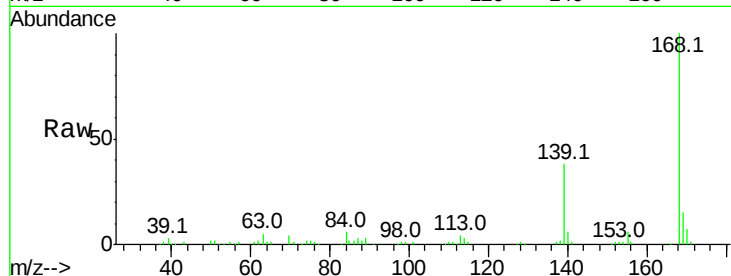
Tot Ion:139 Resp: 31860

Ion Ratio Lower Upper

139 100

109 1.0 48.4 88.4#

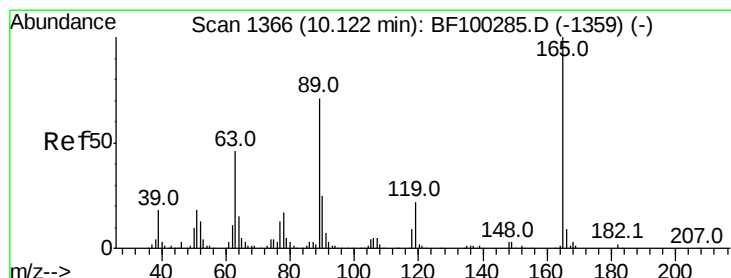
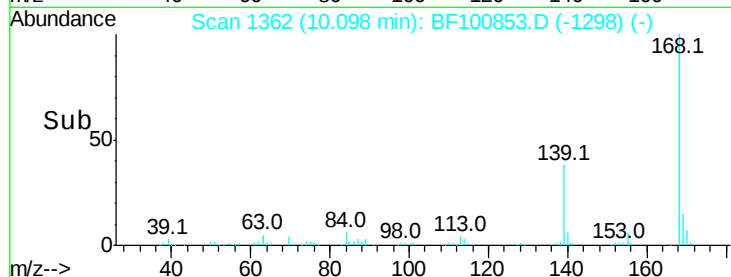
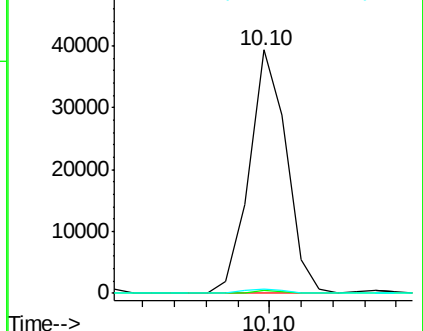
65 1.5 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 0.508 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.06 min

Lab File: BF100853.D

Acq: 23 Nov 2017 4:47

Tgt Ion:165 Resp: 1321

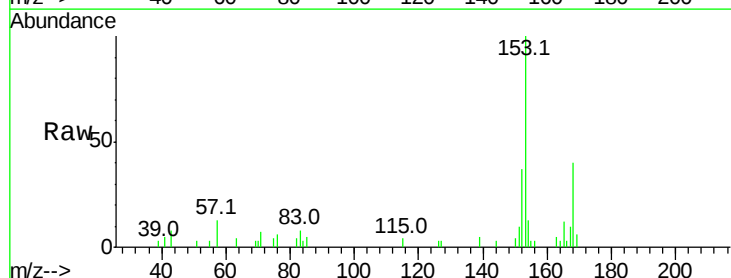
Ion Ratio Lower Upper

165 100

63 37.6 36.4 54.6

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

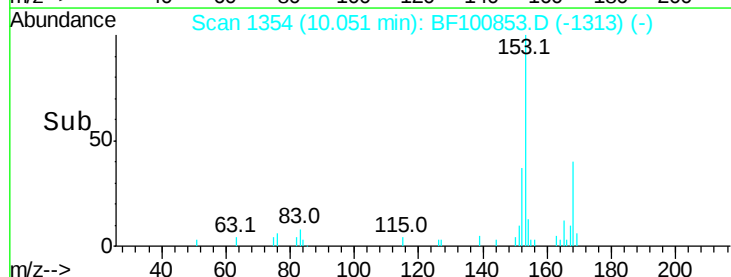
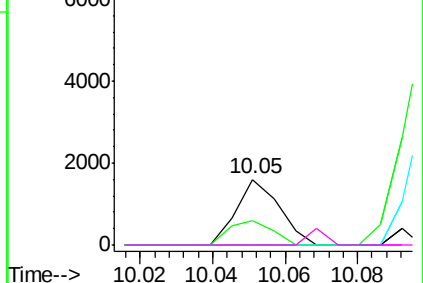


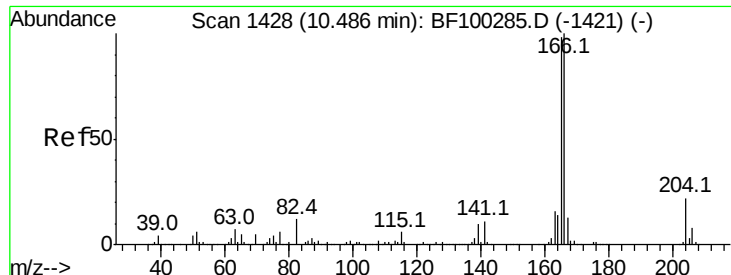
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

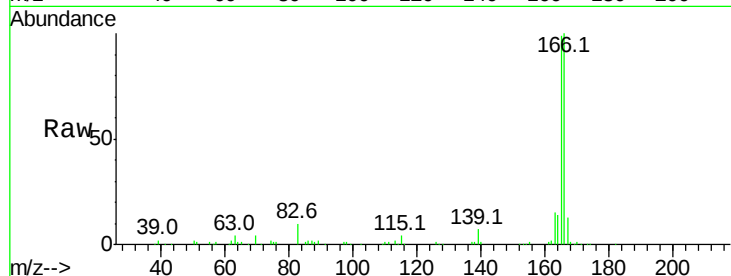




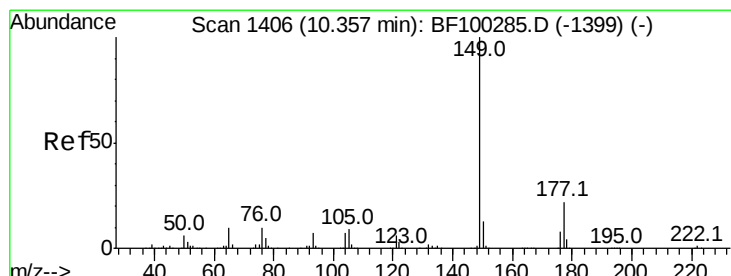
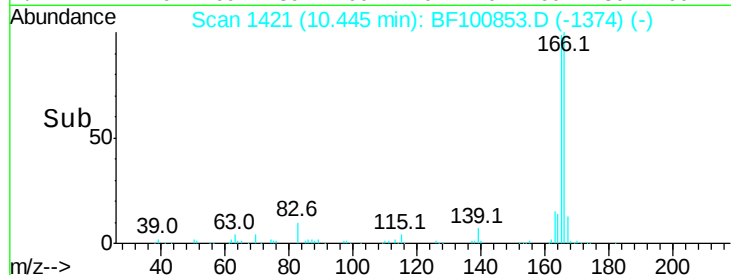
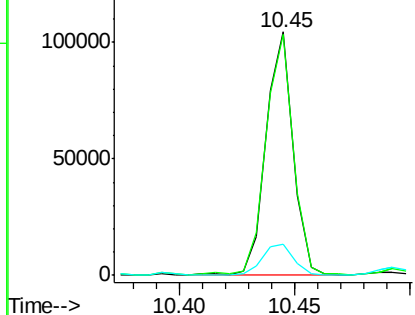
#57
Fluorene
 Concen: 9.681 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.02 min
 Lab File: BF100853.D
 Acq: 23 Nov 2017 4:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.8	119.8
167	13.0	10.6	16.0

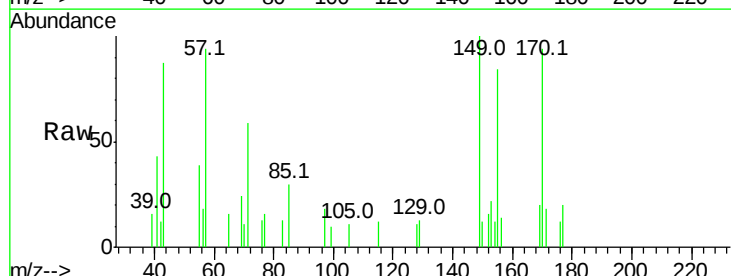


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

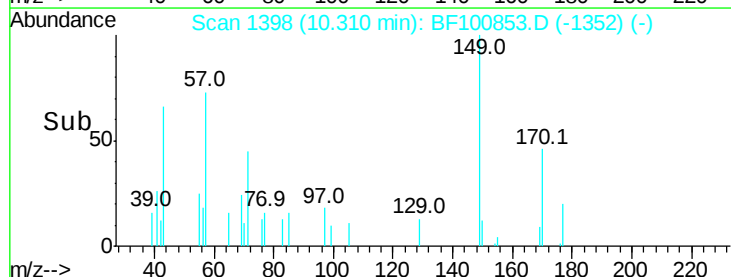
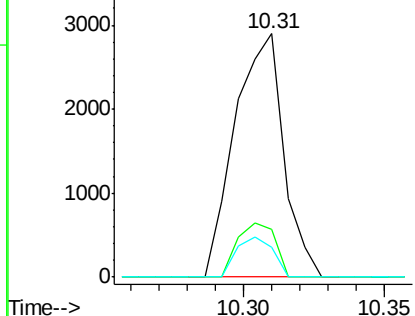


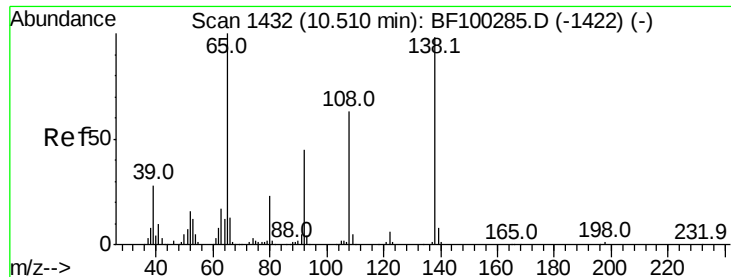
#59
Diethylphthalate
 Concen: 0.333 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.03 min
 Lab File: BF100853.D
 Acq: 23 Nov 2017 4:47

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.7	16.1	24.1
150	12.5	10.1	15.1



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

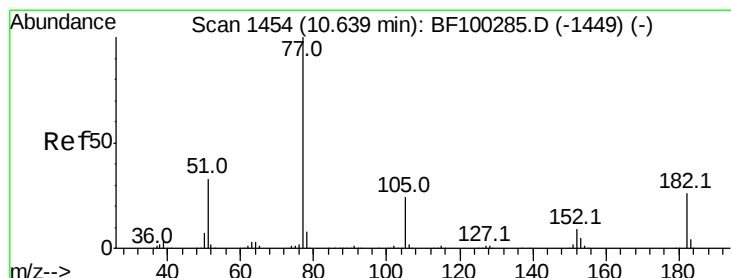
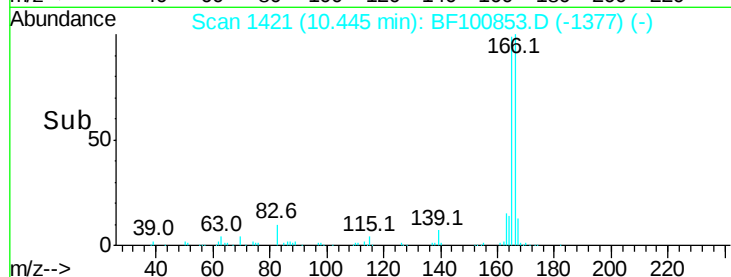
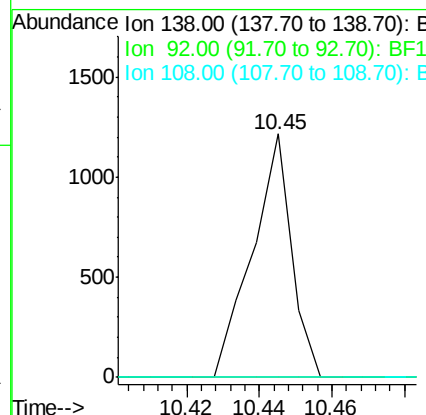
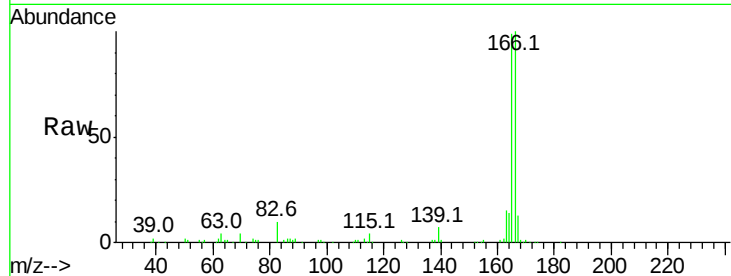




#61
4-Nitroaniline
Concen: 0.399 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.04 min
Lab File: BF100853.D
Acq: 23 Nov 2017 4:47

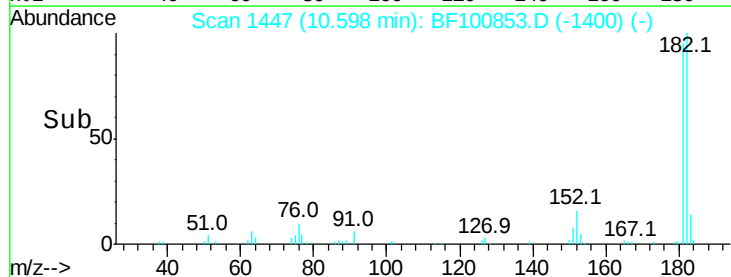
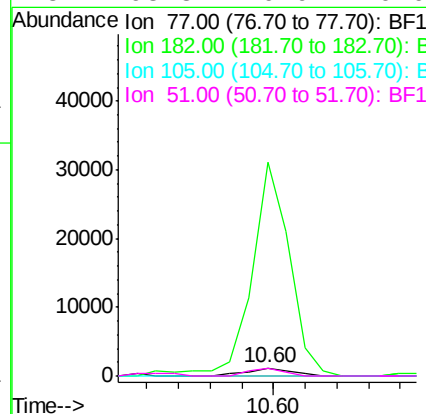
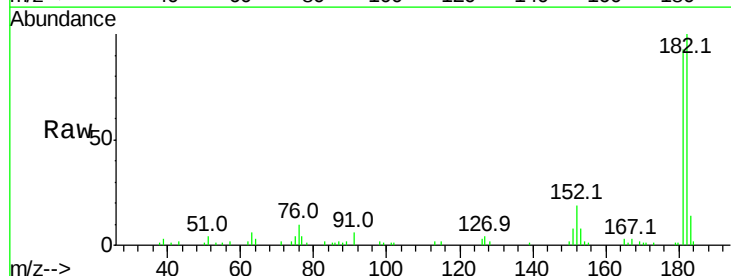
Instrument :
BNA_F
ClientSampleId :

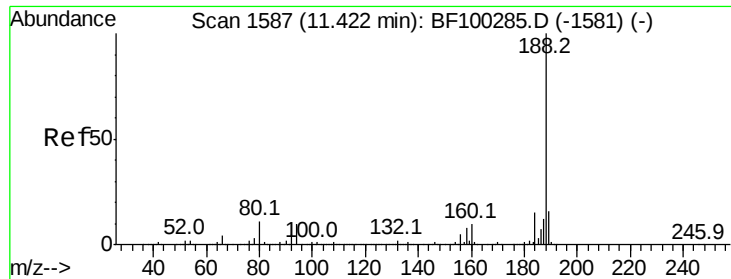
Tot Ion:138 Resp: 920
Ion Ratio Lower Upper
138 100
92 0.0 30.2 70.2#
108 0.0 52.5 92.5#



#62
Azobenzene
Concen: 0.107 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.02 min
Lab File: BF100853.D
Acq: 23 Nov 2017 4:47

Tgt Ion: 77 Resp: 1050
Ion Ratio Lower Upper
77 100
182 2755.3 1.7 41.7#
105 0.0 3.0 43.0#
51 98.8 9.9 49.9#

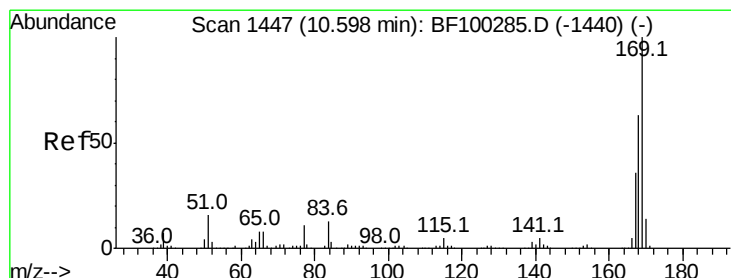
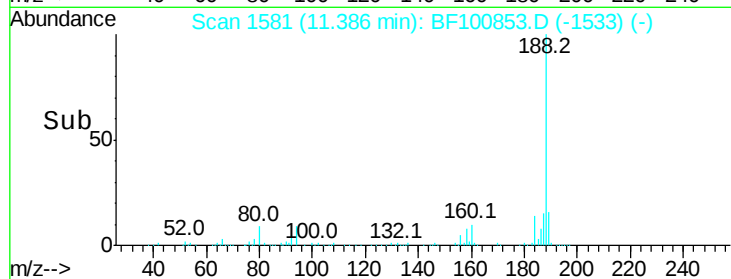
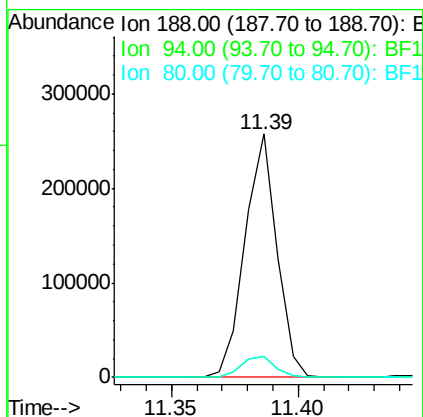
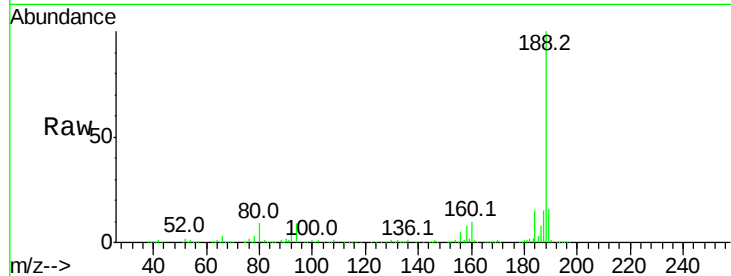




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.02 min
 Lab File: BF100853.D
 Acq: 23 Nov 2017 4:47

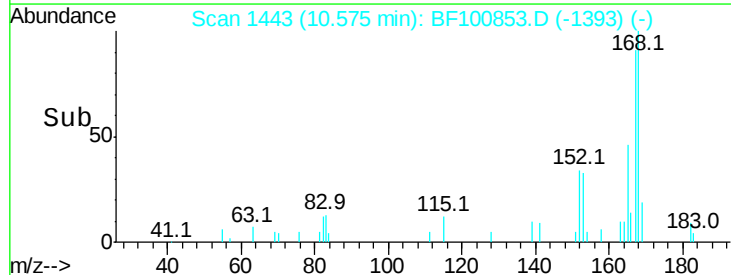
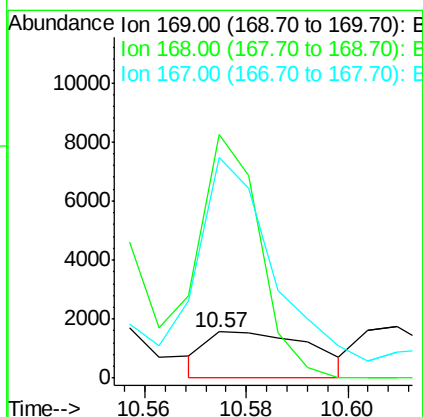
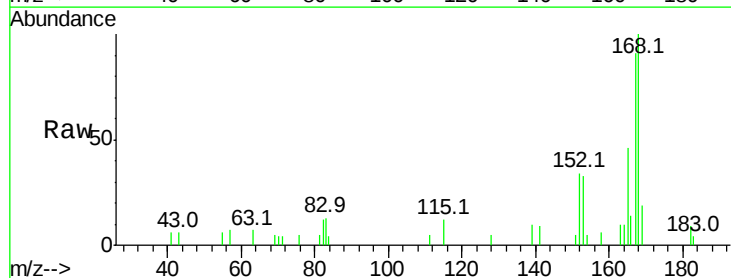
Instrument :
 BNA_F
 ClientSampleId :

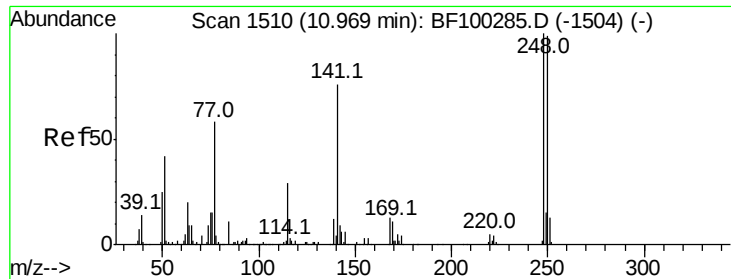
Tot Ion:188 Resp: 226226
 Ion Ratio Lower Upper
 188 100
 94 8.7 8.5 12.7
 80 8.6 9.2 13.8#



#65
 n-Nitrosodiphenylamine
 Concen: 0.288 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF100853.D
 Acq: 23 Nov 2017 4:47

Tgt Ion:169 Resp: 2262
 Ion Ratio Lower Upper
 169 100
 168 528.7 54.4 81.6#
 167 479.0 29.8 44.6#

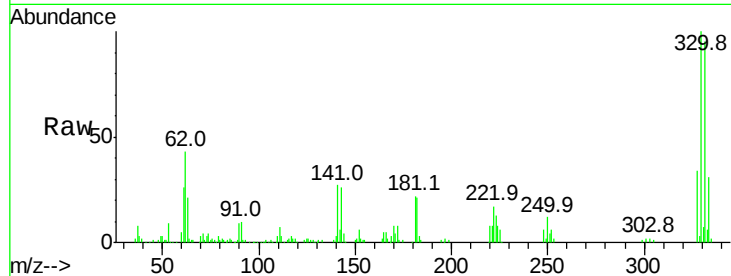




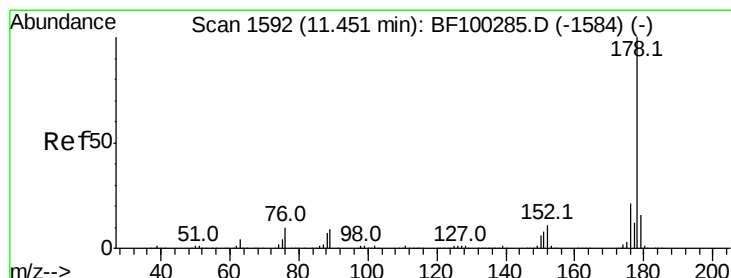
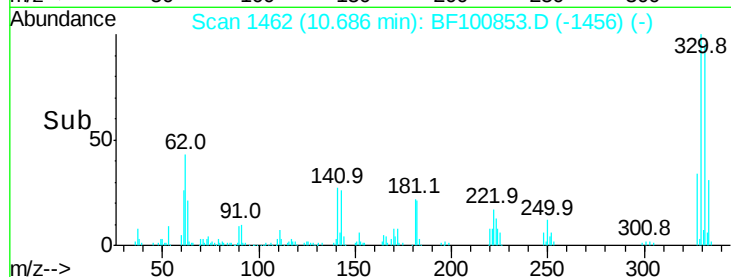
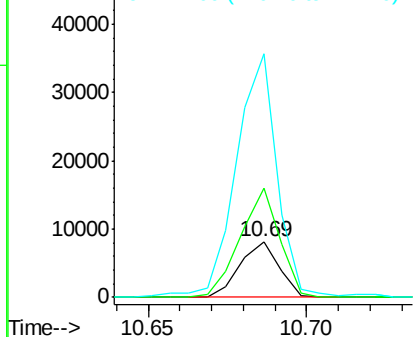
#66
 4-Bromophenyl-phenylether
 Concen: 2.862 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.26 min
 Lab File: BF100853.D
 Acq: 23 Nov 2017 4:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 6940
 Ion Ratio Lower Upper
 248 100
 250 195.6 76.9 115.3#
 141 436.9 74.4 111.6#

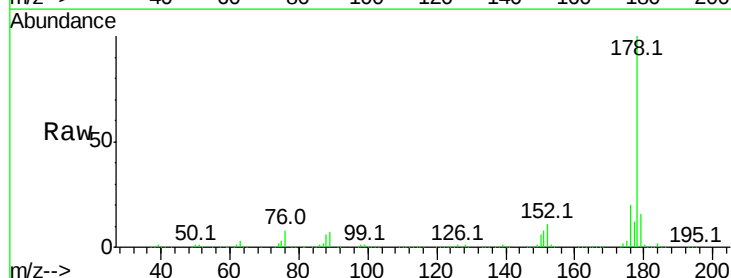


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

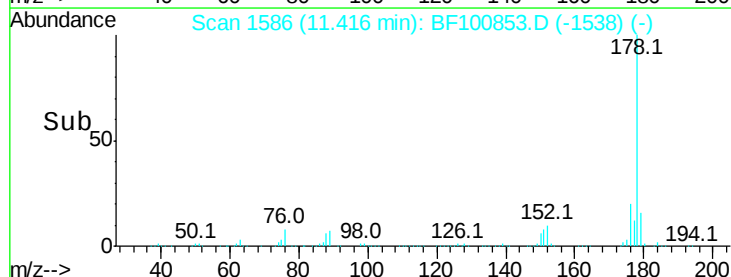
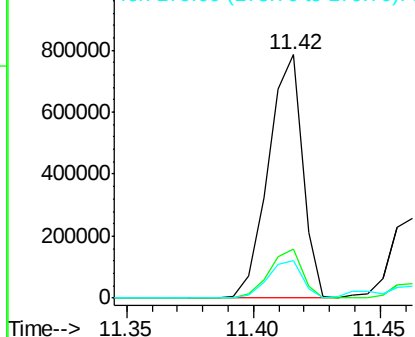


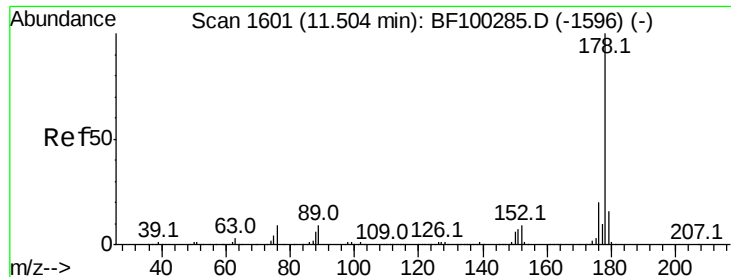
#70
 Phenanthrene
 Concen: 61.743 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.02 min
 Lab File: BF100853.D
 Acq: 23 Nov 2017 4:47

Tgt Ion:178 Resp: 735429
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.8 23.8
 179 15.5 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

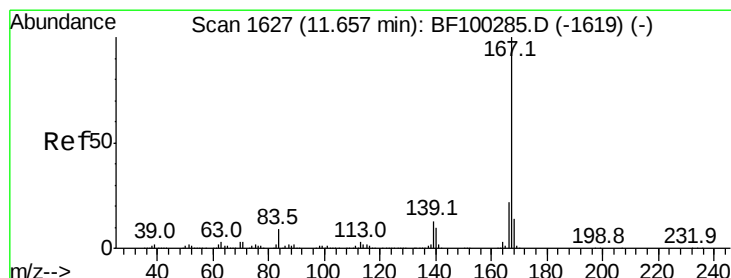
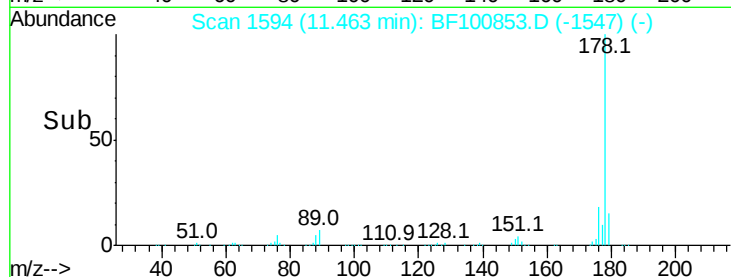
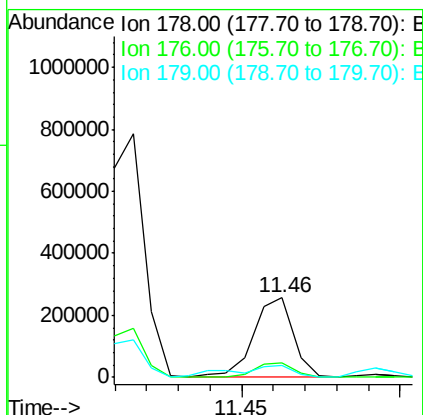
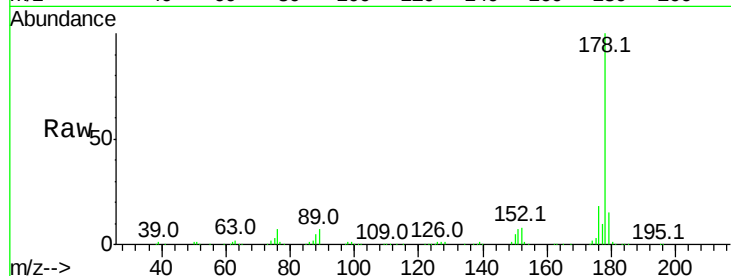




#71
 Anthracene
 Concen: 18.288 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.02 min
 Lab File: BF100853.D
 Acq: 23 Nov 2017 4:47

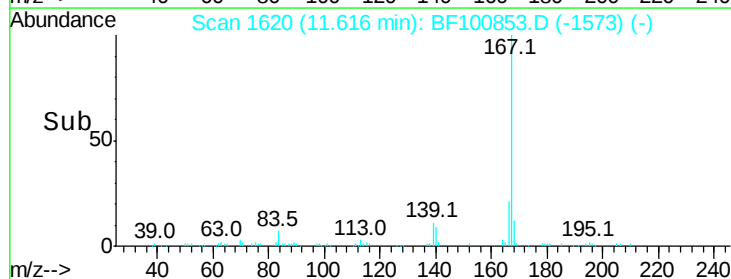
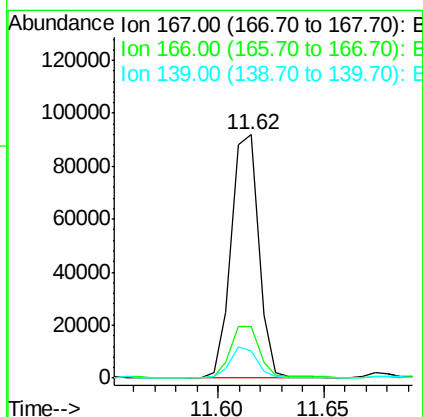
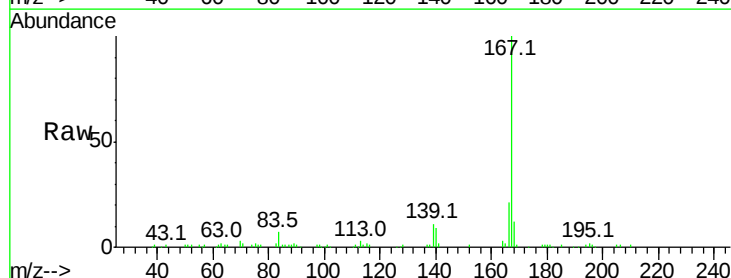
Instrument :
 BNA_F
 ClientSampled :

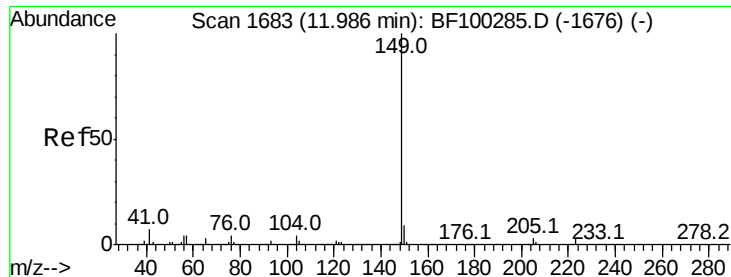
Tot Ion:178 Resp: 220999
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.2
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 7.455 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. -0.02 min
 Lab File: BF100853.D
 Acq: 23 Nov 2017 4:47

Tgt Ion:167 Resp: 83121
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.6 26.4
 139 11.1 10.9 16.3

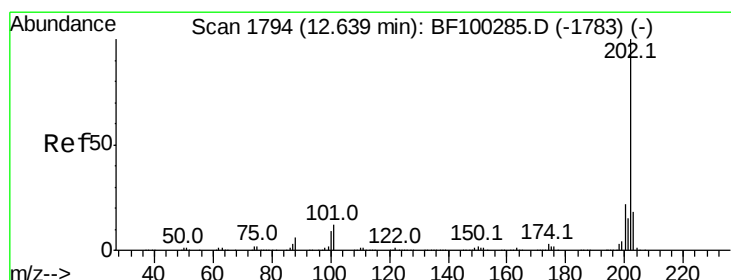
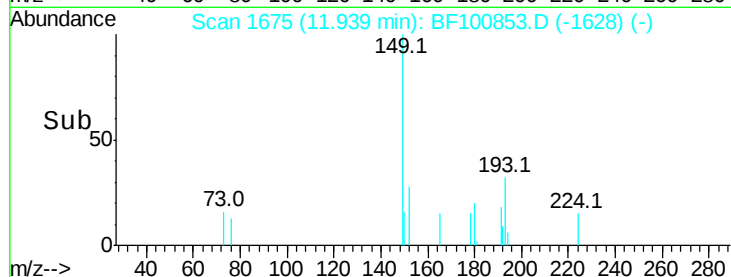
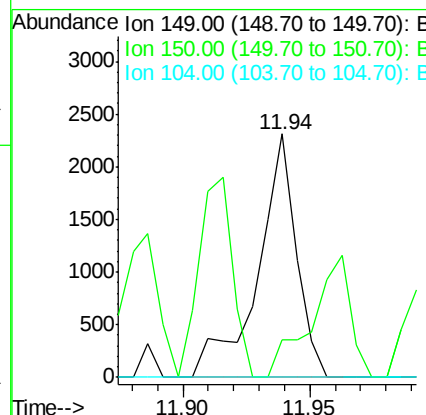
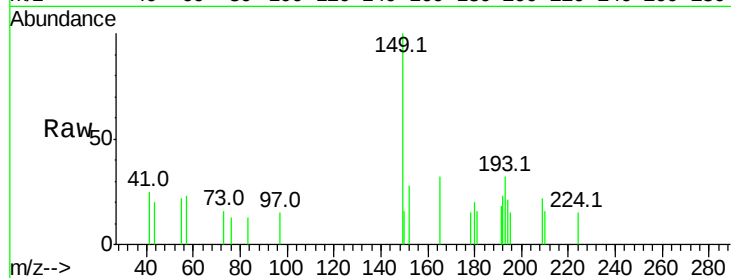




#73
Di-n-butylphthalate
Concen: 0.189 ng
RT: 11.94 min Scan# 1675
Delta R.T. -0.02 min
Lab File: BF100853.D
Acq: 23 Nov 2017 4:47

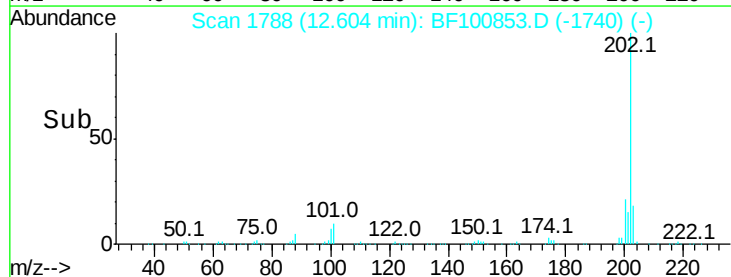
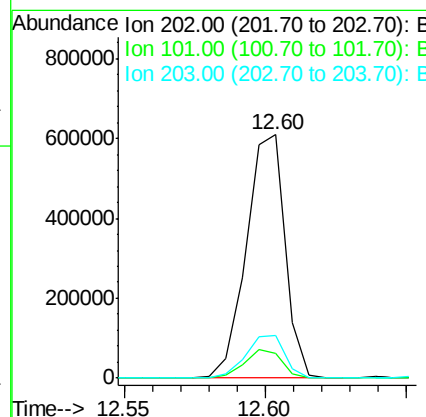
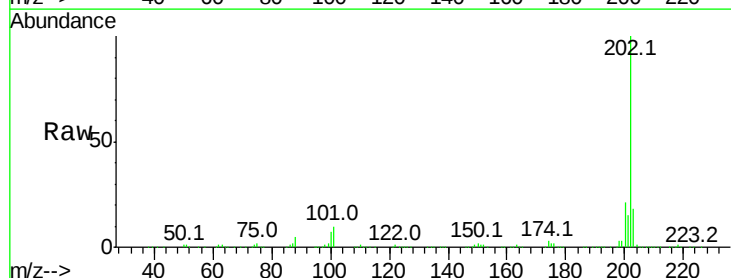
Instrument :
BNA_F
ClientSampleId :

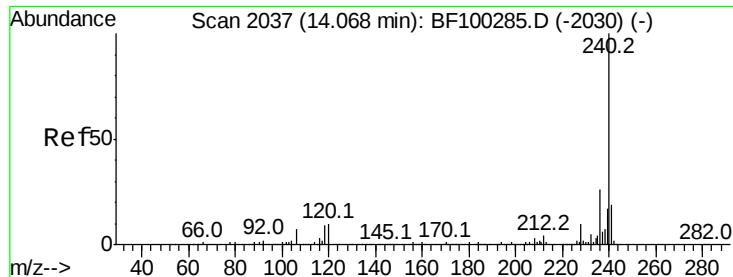
Tot Ion:149 Resp: 2463
Ion Ratio Lower Upper
149 100
150 15.6 7.8 11.6#
104 0.0 3.8 5.8#



#74
Fluoranthene
Concen: 45.986 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BF100853.D
Acq: 23 Nov 2017 4:47

Tgt Ion:202 Resp: 580501
Ion Ratio Lower Upper
202 100
101 10.2 0.0 34.1
203 17.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BF100853.D

Acq: 23 Nov 2017 4:47

Instrument :

BNA_F

ClientSampleId :

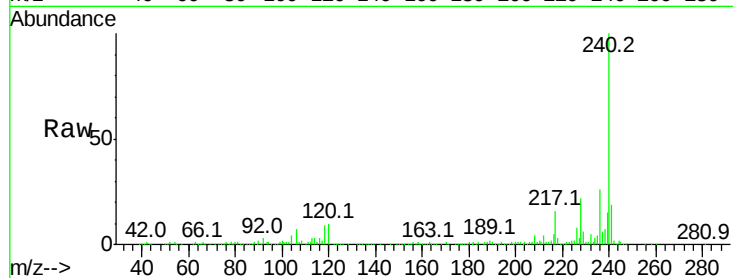
Tot Ion:240 Resp: 149797

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

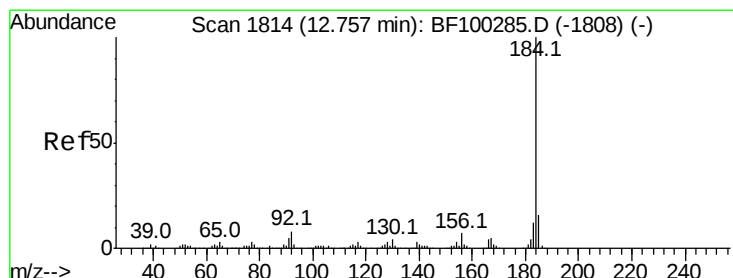
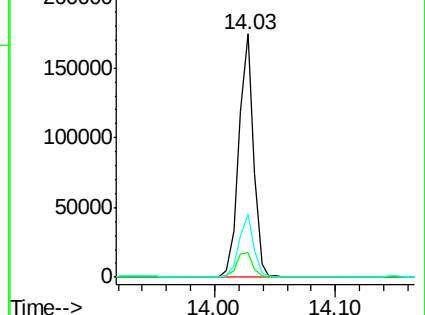
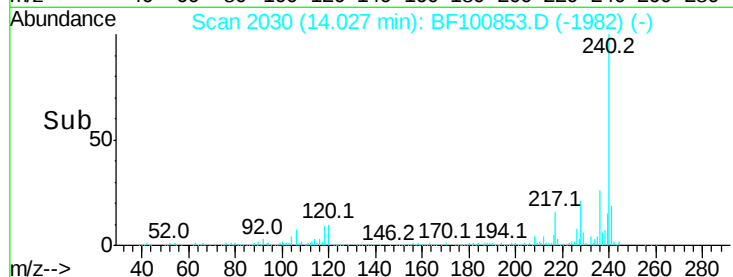
236 25.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 0.639 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.23 min

Lab File: BF100853.D

Acq: 23 Nov 2017 4:47

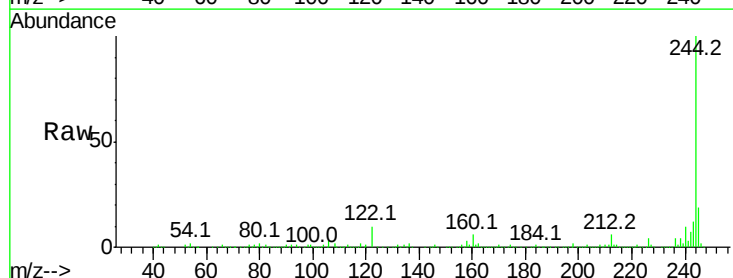
Tgt Ion:184 Resp: 3832

Ion Ratio Lower Upper

184 100

185 21.4 12.6 18.8#

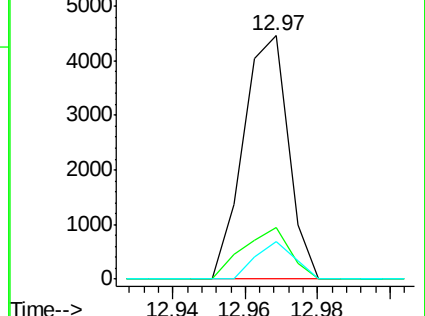
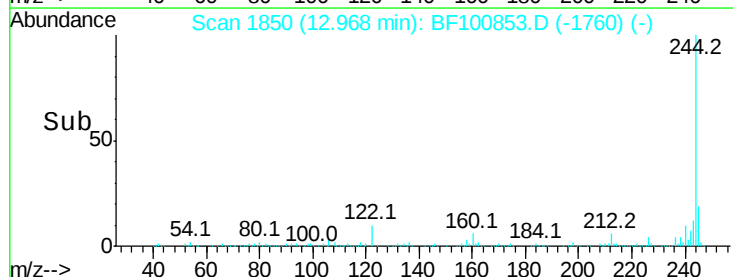
183 15.4 9.3 13.9#

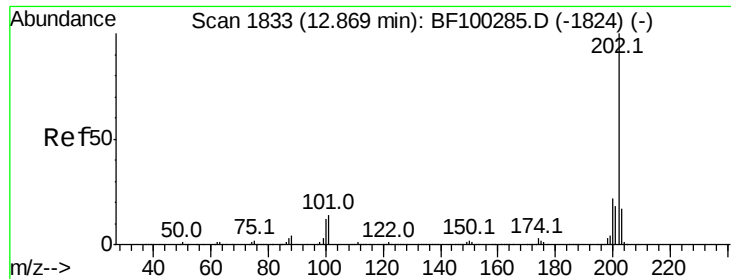


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

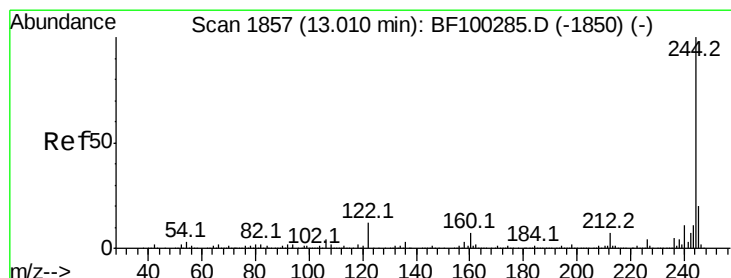
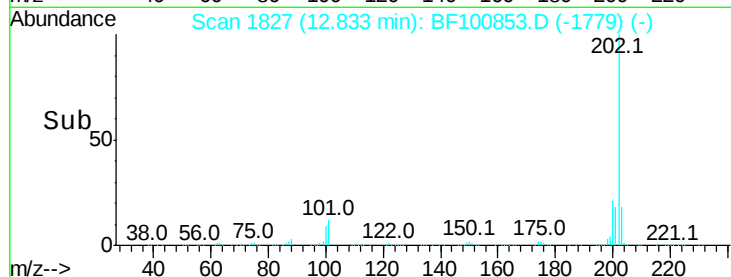
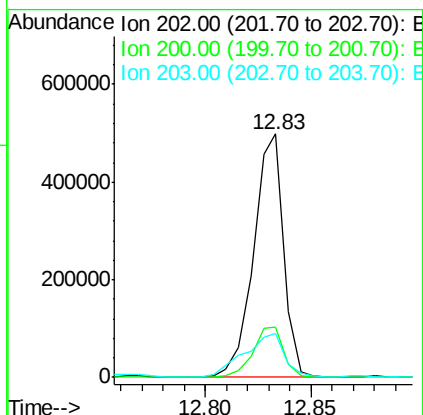
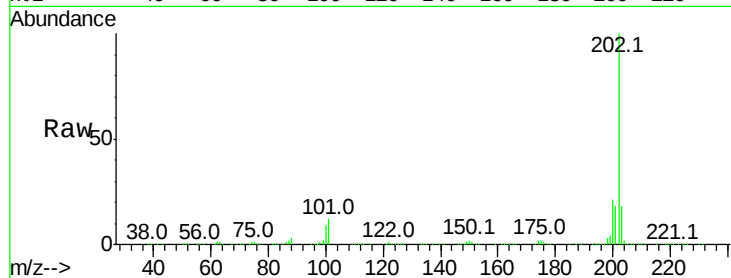




#77
Pvrene
Concen: 46.036 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF100853.D
Acq: 23 Nov 2017 4:47

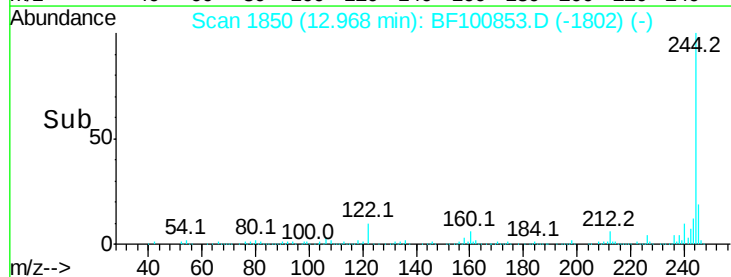
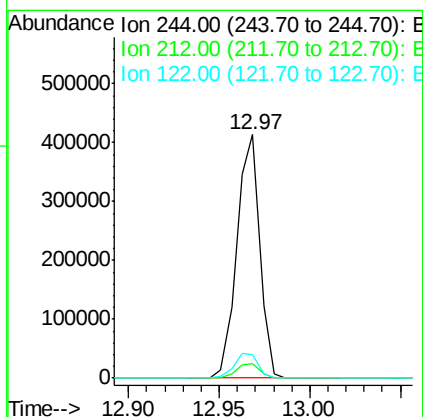
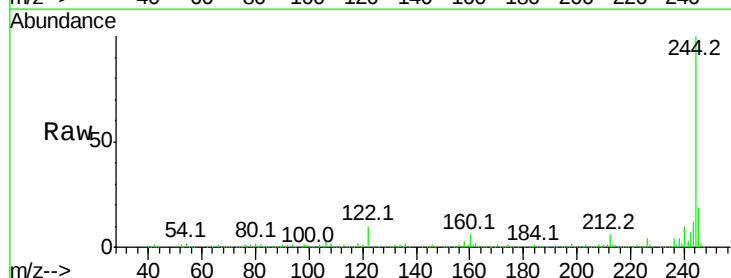
Instrument :
BNA_F
ClientSampleId :

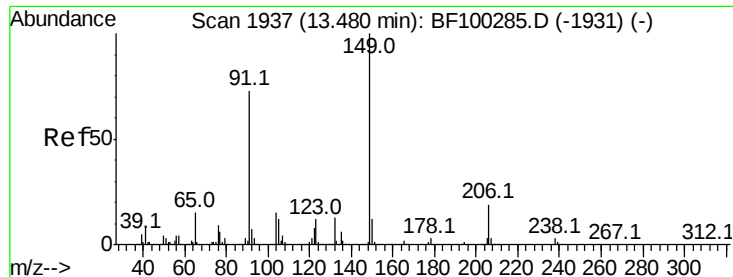
Tot Ion:202 Resp: 491581
Ion Ratio Lower Upper
202 100
200 20.9 17.4 26.2
203 17.9 14.3 21.5



#78
Terphenyl-d14
Concen: 55.602 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.02 min
Lab File: BF100853.D
Acq: 23 Nov 2017 4:47

Tgt Ion:244 Resp: 362489
Ion Ratio Lower Upper
244 100
212 6.1 5.4 8.0
122 9.9 11.0 16.4#

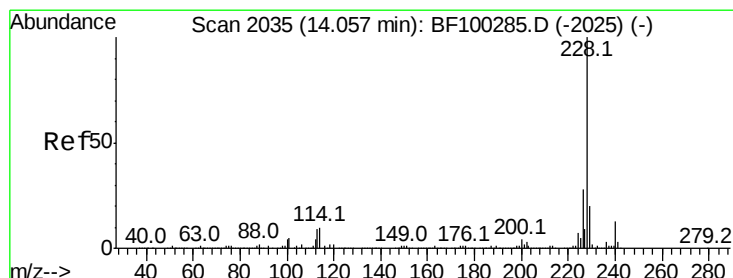
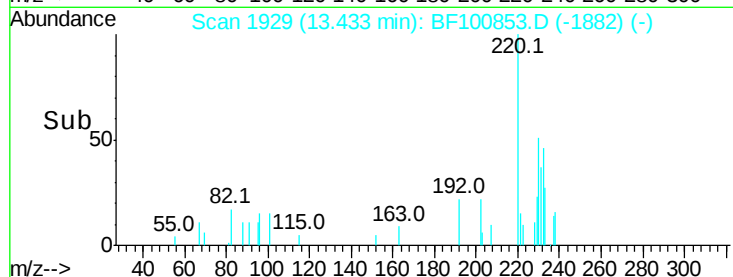
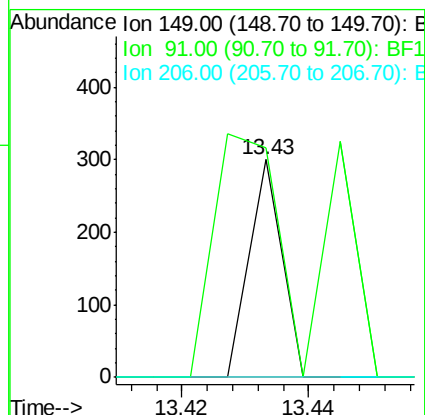
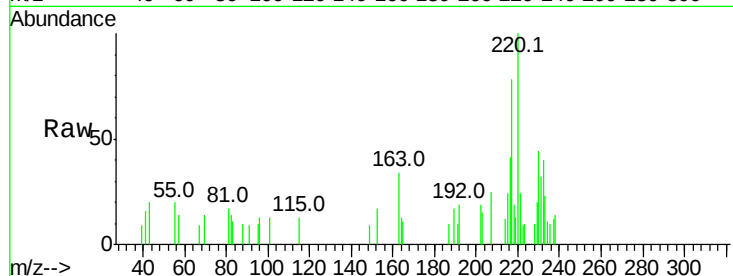




#79
Butylbenzylphthalate
Concen: 0.024 ng
RT: 13.43 min Scan# 1929
Delta R.T. -0.02 min
Lab File: BF100853.D
Acq: 23 Nov 2017 4:47

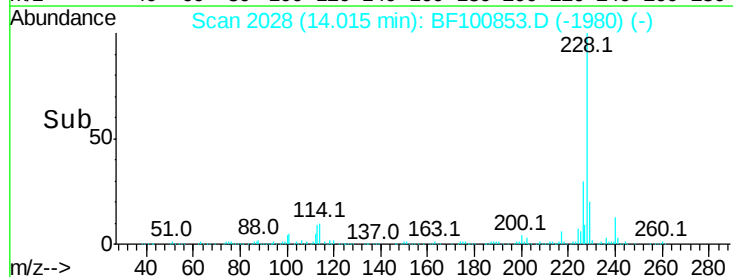
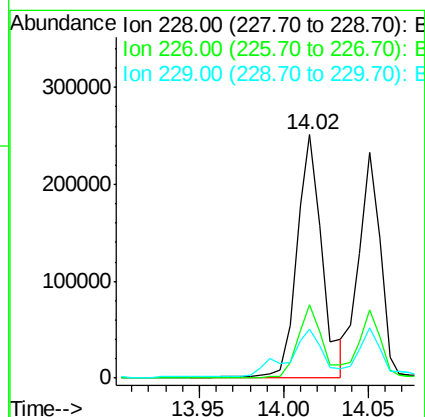
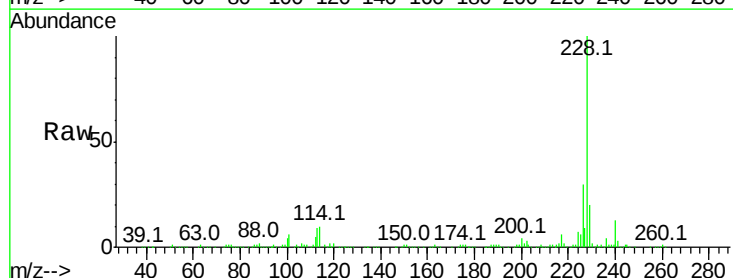
Instrument :
BNA_F
ClientSampleId :

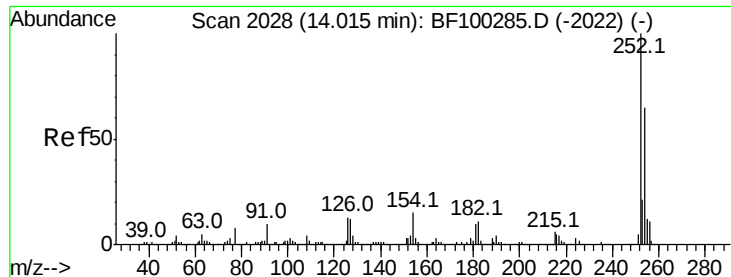
Tot Ion:149 Resp: 106
Ion Ratio Lower Upper
149 100
91 105.7 56.8 85.2#
206 0.0 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 28.919 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF100853.D
Acq: 23 Nov 2017 4:47

Tgt Ion:228 Resp: 260874
Ion Ratio Lower Upper
228 100
226 29.9 22.6 33.8
229 20.1 15.8 23.6

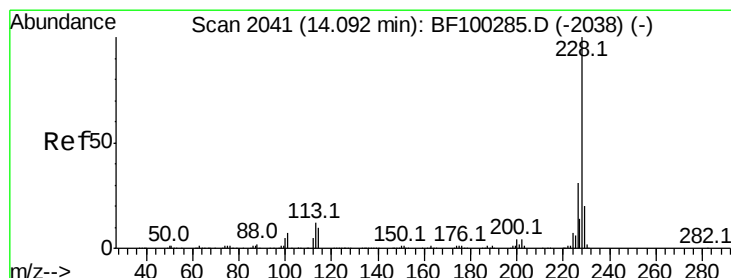
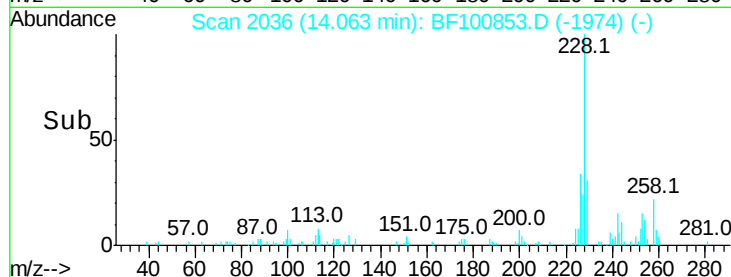
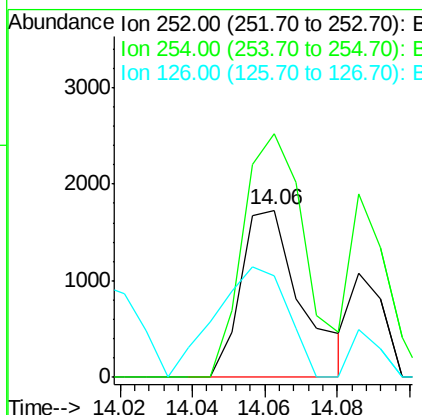
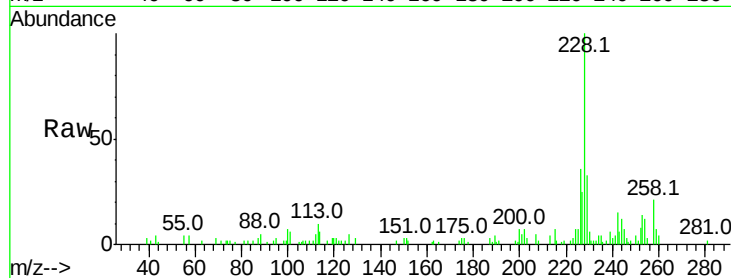




#81
 3,3'-Dichlorobenzidine
 Concen: 0.615 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.06 min
 Lab File: BF100853.D
 Acq: 23 Nov 2017 4:47

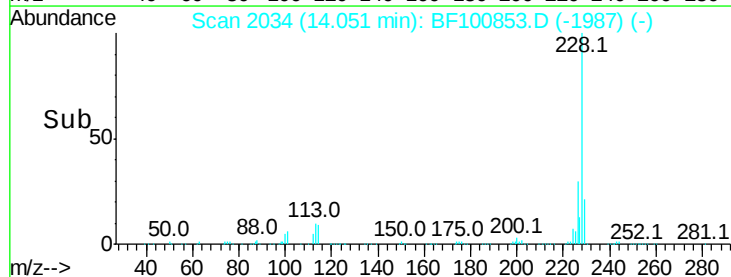
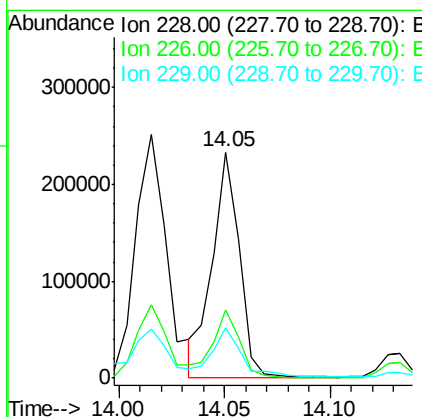
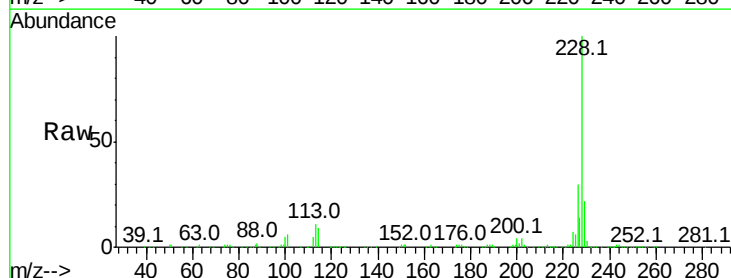
Instrument :
 BNA_F
 ClientSampleId :

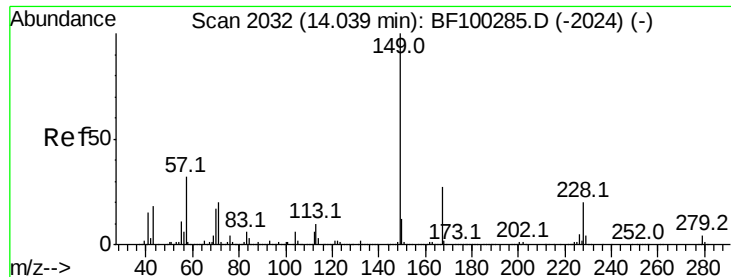
Tot Ion:252 Resp: 1987
 Ion Ratio Lower Upper
 252 100
 254 145.9 50.4 75.6#
 126 60.6 11.3 16.9#



#82
 Chrysene
 Concen: 23.821 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF100853.D
 Acq: 23 Nov 2017 4:47

Tgt Ion:228 Resp: 208087
 Ion Ratio Lower Upper
 228 100
 226 30.1 25.0 37.6
 229 22.1 16.2 24.4

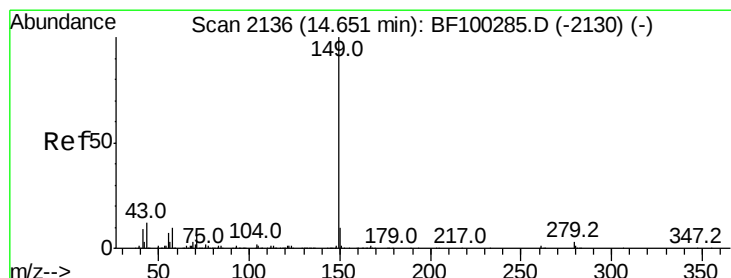
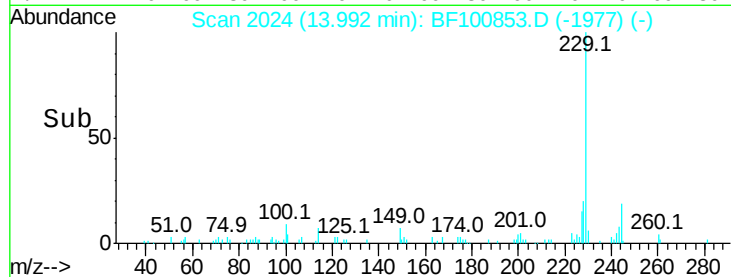
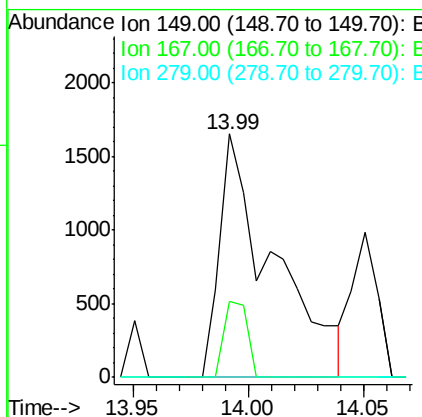
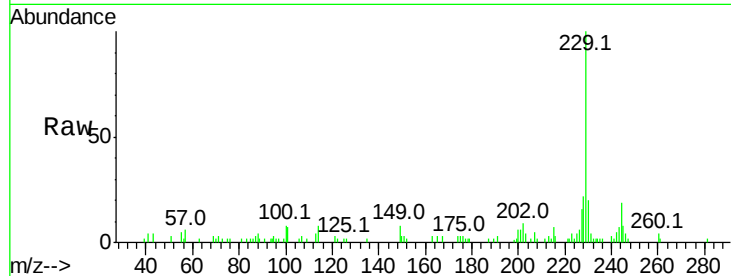




#83
Bis(2-ethylhexyl)phthalate
Concen: 0.461 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF100853.D
Acq: 23 Nov 2017 4:47

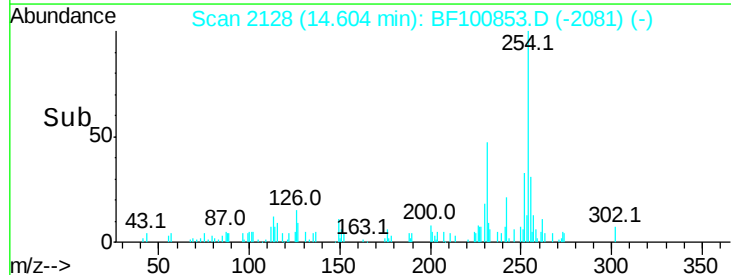
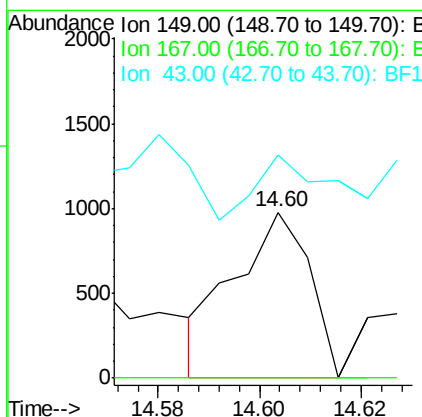
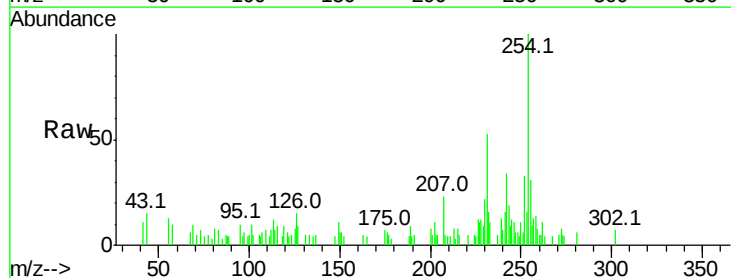
Instrument :
BNA_F
ClientSampleId :

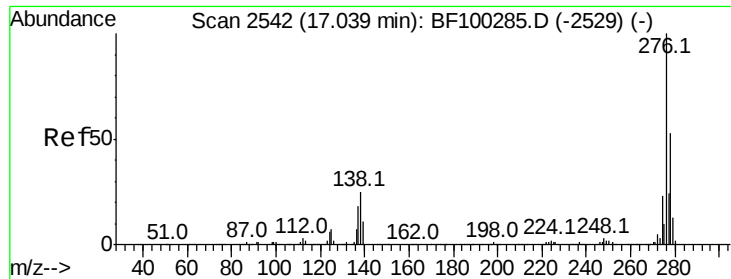
Tot Ion:149 Resp: 2638
Ion Ratio Lower Upper
149 100
167 31.4 21.3 31.9
279 0.0 3.0 4.4#



#84
Di-n-octyl phthalate
Concen: 0.103 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.02 min
Lab File: BF100853.D
Acq: 23 Nov 2017 4:47

Tgt Ion:149 Resp: 1011
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 39.5 8.4 12.6#

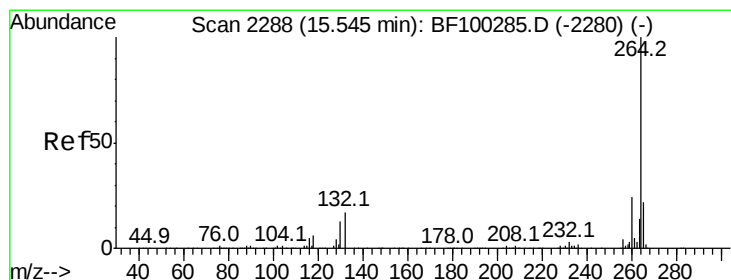
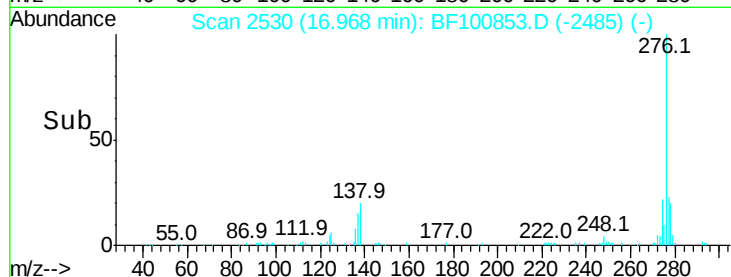
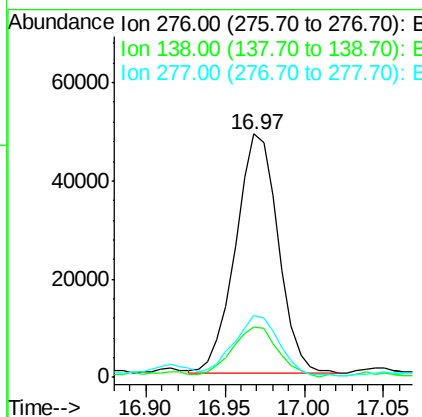
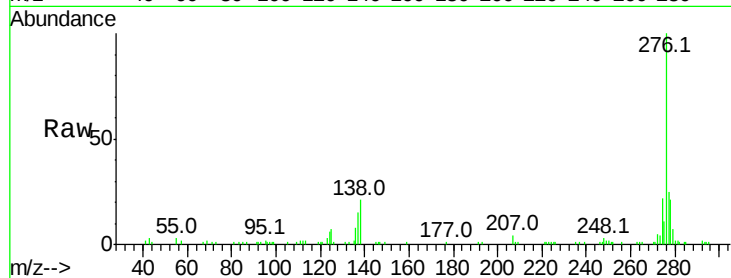




#85
Indeno(1,2,3-cd)pyrene
Concen: 12.876 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.04 min
Lab File: BF100853.D
Acq: 23 Nov 2017 4:47

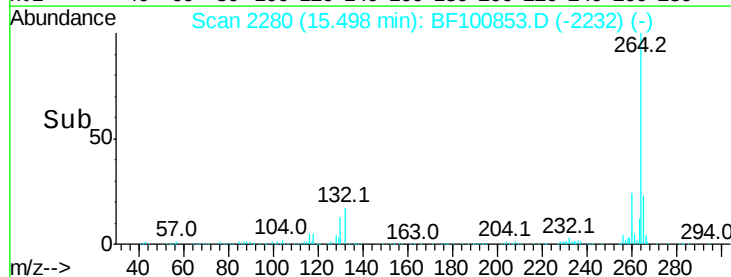
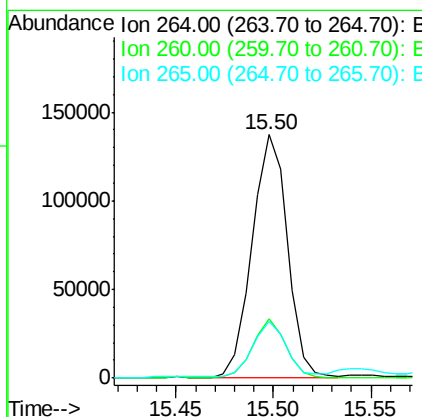
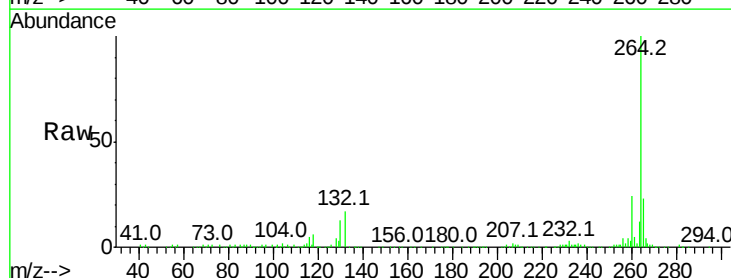
Instrument :
BNA_F
ClientSampleId :

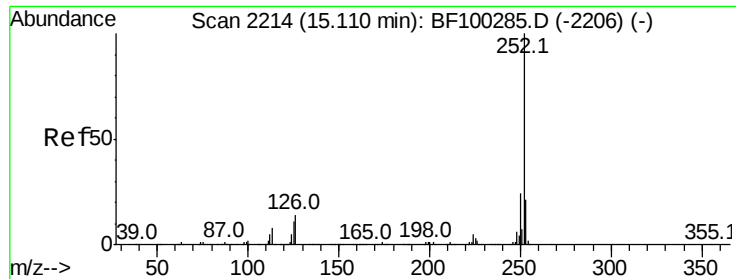
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.0	25.0	37.6#
277	26.7	20.1	30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BF100853.D
Acq: 23 Nov 2017 4:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	23.3	17.5	26.3

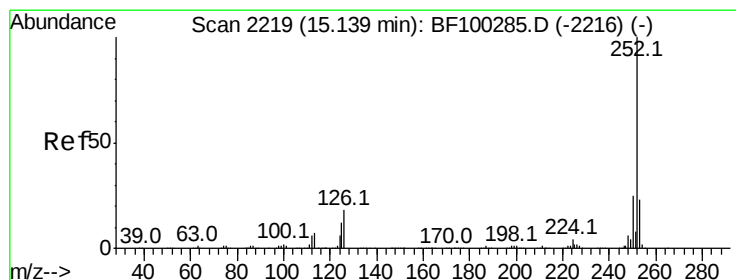
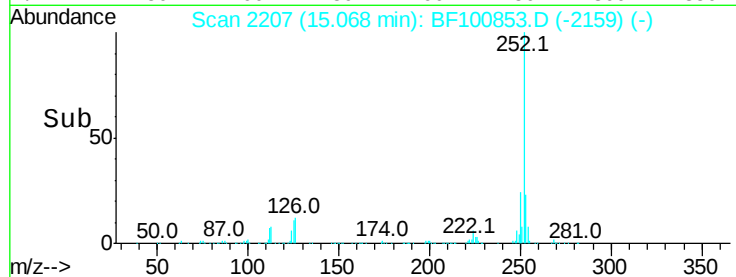
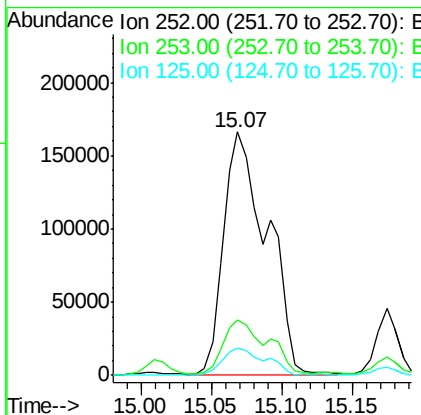
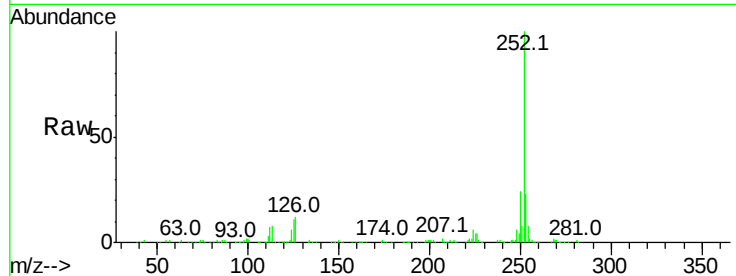




#87
Benzo(b)fluoranthene
Concen: 35.071 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF100853.D
Acq: 23 Nov 2017 4:47

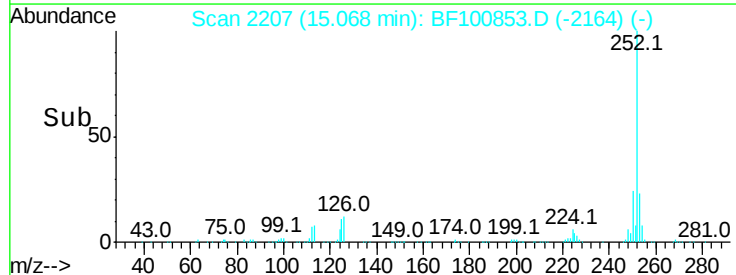
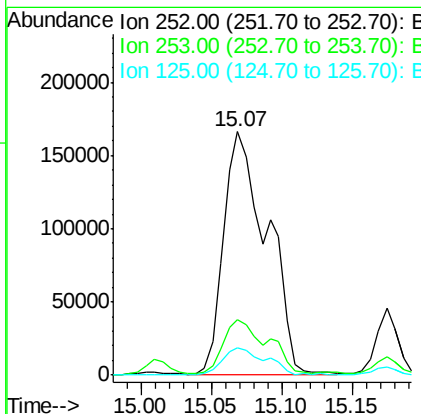
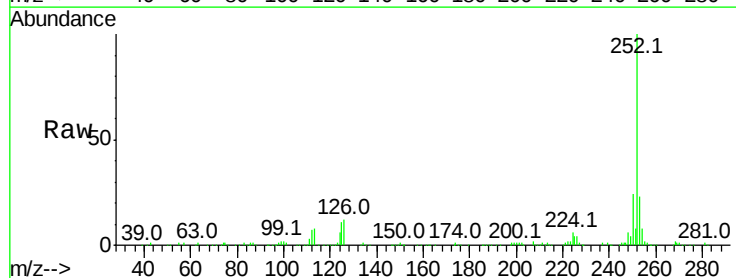
Instrument :
BNA_F
ClientSampleId :

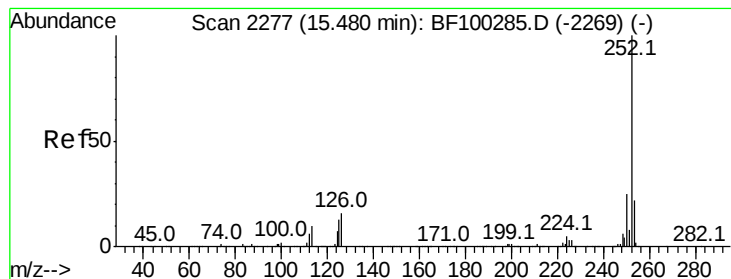
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	11.1	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 37.118 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.05 min
Lab File: BF100853.D
Acq: 23 Nov 2017 4:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	11.1	10.2	15.2





#89

Benzo(a)pyrene

Concen: 22.648 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.02 min

Lab File: BF100853.D

Acq: 23 Nov 2017 4:47

Instrument :

BNA_F

ClientSampleId :

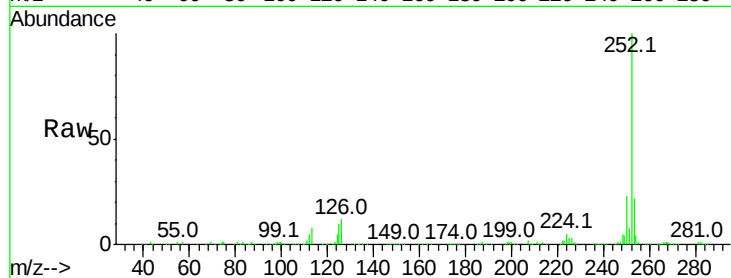
Tot Ion:252 Resp: 203514

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

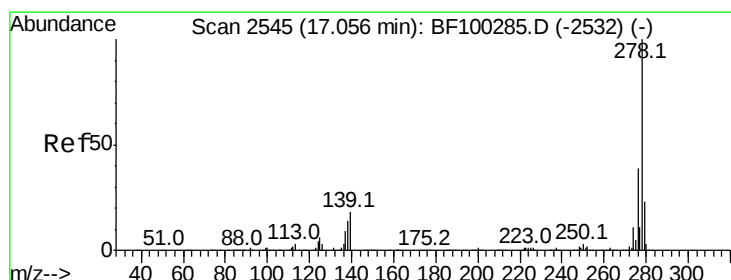
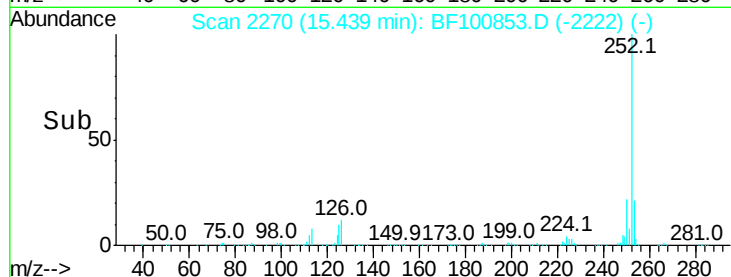
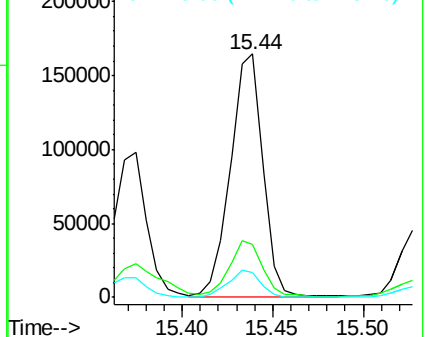
125 9.9 9.8 14.6



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: 3.360 ng

RT: 17.14 min Scan# 2560

Delta R.T. 0.12 min

Lab File: BF100853.D

Acq: 23 Nov 2017 4:47

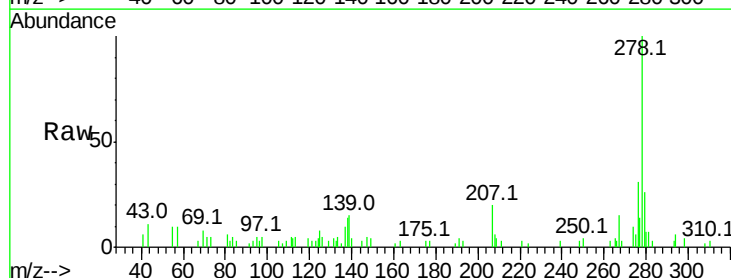
Tgt Ion:278 Resp: 24692

Ion Ratio Lower Upper

278 100

139 19.4 15.9 23.9

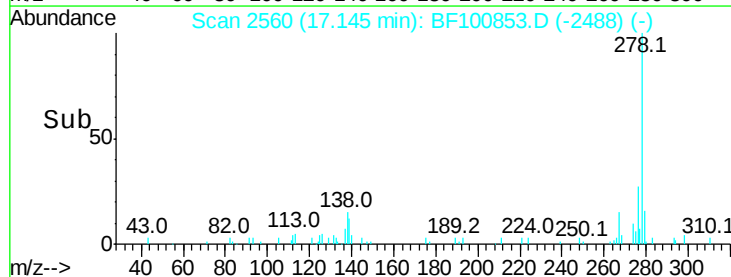
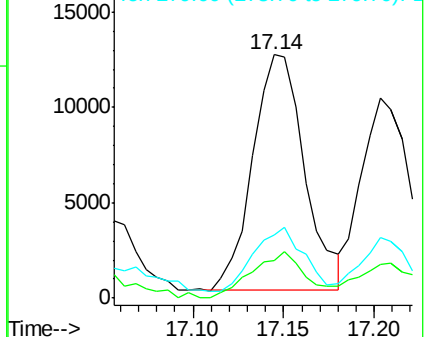
279 26.1 19.0 28.4

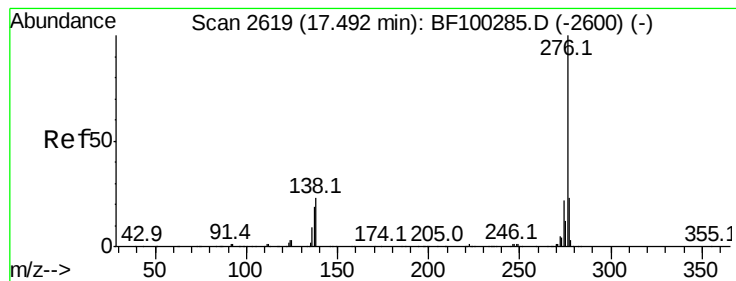


Abundance Ion 278.00 (277.70 to 278.70): E

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: 11.049 ng

RT: 17.42 min Scan# 2607

Delta R.T. -0.04 min

Lab File: BF100853.D

Acq: 23 Nov 2017 4:47

Instrument :

BNA_F

ClientSampleId :

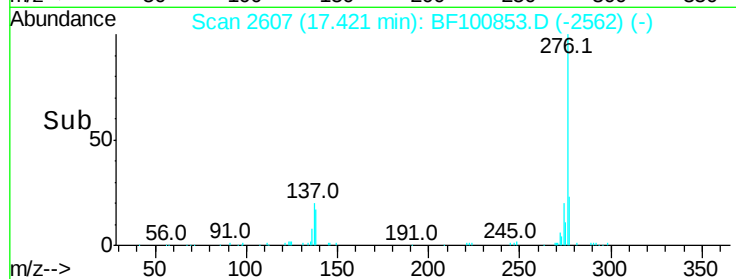
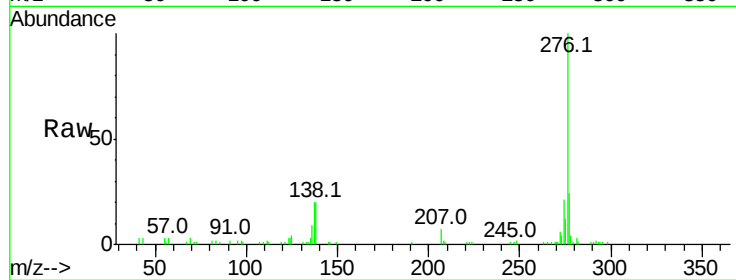
Tot Ion: 276 Resp: 79486

Ion Ratio Lower Upper

276 100

277 24.2 17.9 26.9

138 19.9 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

