

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
 Data File : BF100933.D
 Acq On : 28 Nov 2017 14:55
 Operator : SJ/JU
 Sample : I6578-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 00:36:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	62536	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	233181	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	101258	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	156278	20.00	ng	0.00
75) Chrysene-d12	14.03	240	121880	20.00	ng	0.00
86) Perylene-d12	15.50	264	141399	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	392451	100.60	ng	0.00
7) Phenol-d6	6.49	99	465318	96.73	ng	0.00
23) Nitrobenzene-d5	7.42	82	288410	81.77	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	110108	106.71	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	613622	92.28	ng	0.00
78) Terphenyl-d14	12.97	244	413854	78.02	ng	0.00

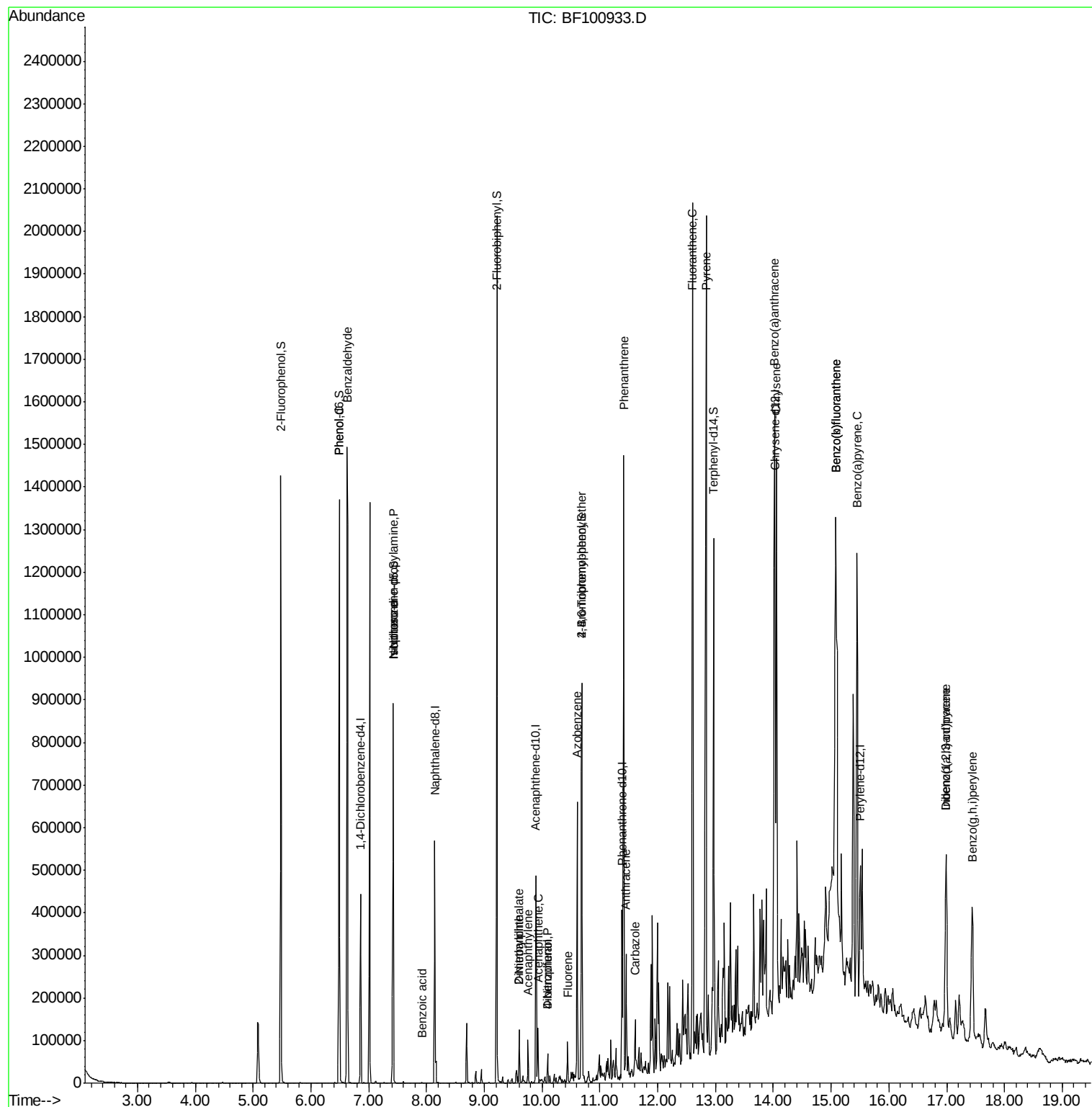
Target Compounds				Qvalue		
9) Benzaldehyde	6.63	77	8974	2.612	ng	83
10) Phenol	6.50	94	12512	2.478	ng	# 54
19) n-Nitroso-di-n-propylamine	7.42	70	36591	10.968	ng	# 82
25) Isophorone	7.42	82	288405	38.912	ng	# 64
32) Benzoic acid	7.93	122	236	9.445	ng	# 1
47) 2-Nitroaniline	9.60	65	159	2.864	ng	# 1
48) Acenaphthylene	9.76	152	43549	4.136	ng	98
49) Dimethylphthalate	9.60	163	47555	6.151	ng	98
51) Acenaphthene	9.93	154	25364	3.961	ng	95
54) Dibenzofuran	10.10	168	19942	2.222	ng	# 98
55) 4-Nitrophenol	10.10	139	7706	5.252	ng	# 9
57) Fluorene	10.44	166	26642	4.052	ng	95
62) Azobenzene	10.61	77	102191	14.024	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	6992	4.174	ng	# 1
70) Phenanthrene	11.41	178	523030	63.565	ng	99
71) Anthracene	11.46	178	106209	12.723	ng	98
72) Carbazole	11.61	167	45203	5.868	ng	99
74) Fluoranthene	12.60	202	957786	109.833	ng	97
77) Pyrene	12.84	202	955524	109.981	ng	100
80) Benzo(a)anthracene	14.02	228	548085	74.675	ng	95
82) Chrysene	14.06	228	514555	72.397	ng	97
85) Indeno(1,2,3-cd)pyrene	16.99	276	302776	52.668	ng	# 87
87) Benzo(b)fluoranthene	15.08	252	925643	110.496	ng	97
88) Benzo(k)fluoranthene	15.08	252	925643	116.945	ng	97
89) Benzo(a)pyrene	15.45	252	549675	74.014	ng	96
90) Dibenzo(a,h)anthracene	16.99	278	75750	12.472	ng	# 74
91) Benzo(g,h,i)perylene	17.44	276	273237	45.958	ng	# 92

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
Data File : BF100933.D
Acq On : 28 Nov 2017 14:55
Operator : SJ/JU
Sample : I6578-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 29 00:36:32 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 15:21:02 2017
Response via : Initial Calibration



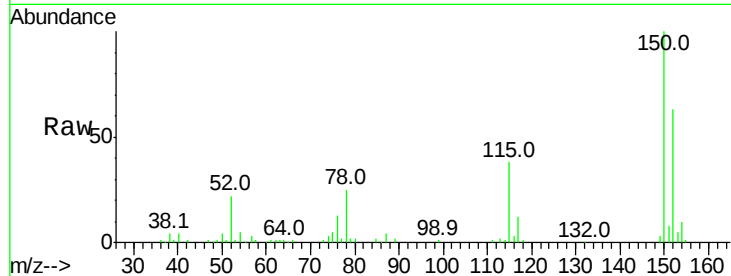


#1

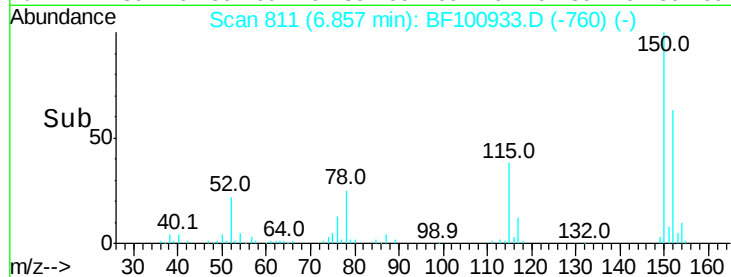
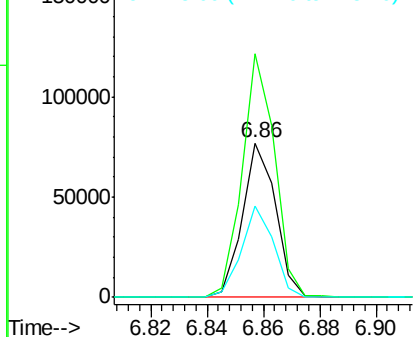
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF100933.D
Acq: 28 Nov 2017 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 62536
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 59.5 50.1 75.1



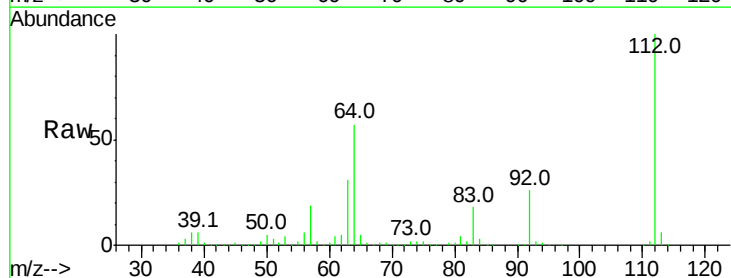
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



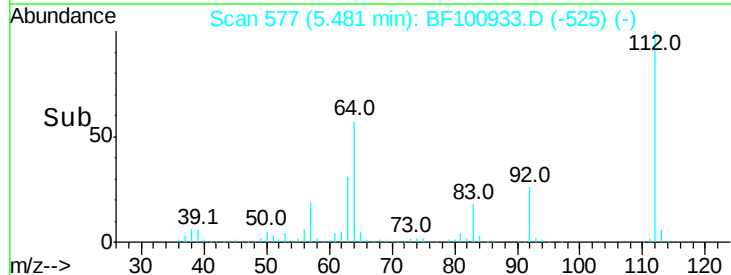
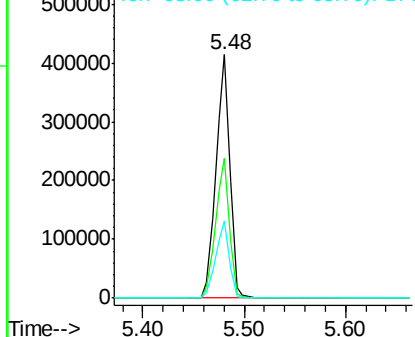
#5

2-Fluorophenol
Concen: 100.597 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF100933.D
Acq: 28 Nov 2017 14:55

Tgt Ion:112 Resp: 392451
Ion Ratio Lower Upper
112 100
64 57.4 47.9 71.9
63 31.5 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





#7

Phenol-d6

Concen: 96.725 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF100933.D

Acq: 28 Nov 2017 14:55

Instrument :

BNA_F

ClientSampled :

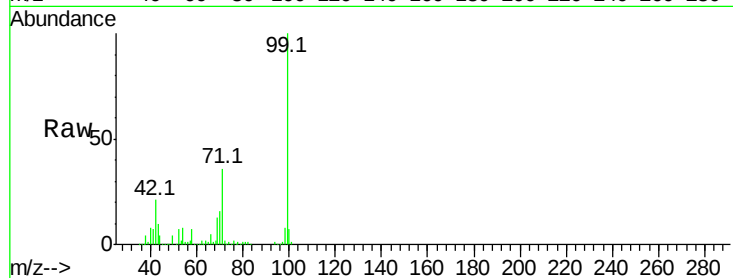
Tot Ion: 99 Resp: 465318

Ion Ratio Lower Upper

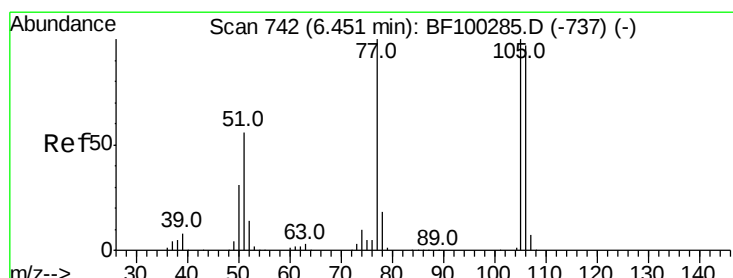
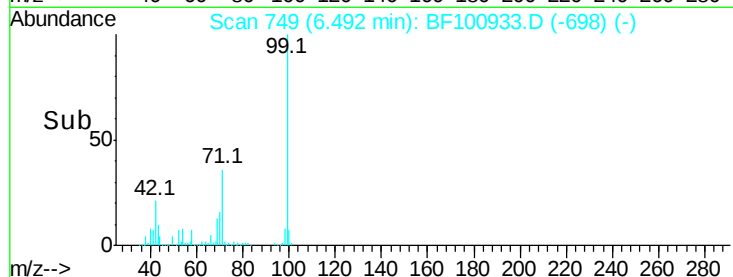
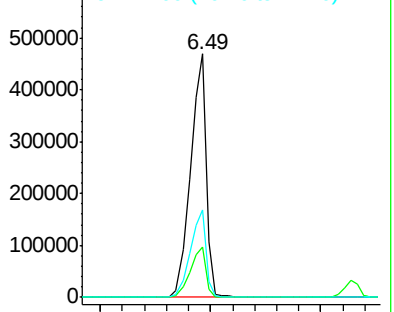
99 100

42 20.6 14.5 21.7

71 36.0 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



#9

Benzaldehyde

Concen: 2.612 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.21 min

Lab File: BF100933.D

Acq: 28 Nov 2017 14:55

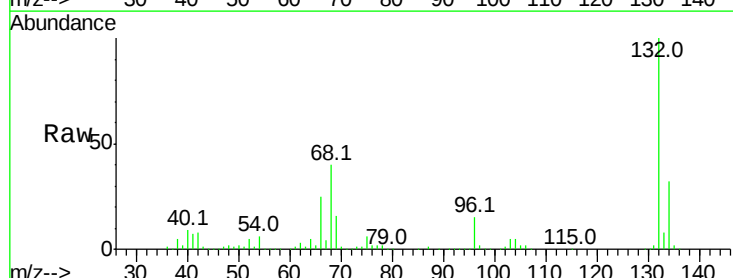
Tgt Ion: 77 Resp: 8974

Ion Ratio Lower Upper

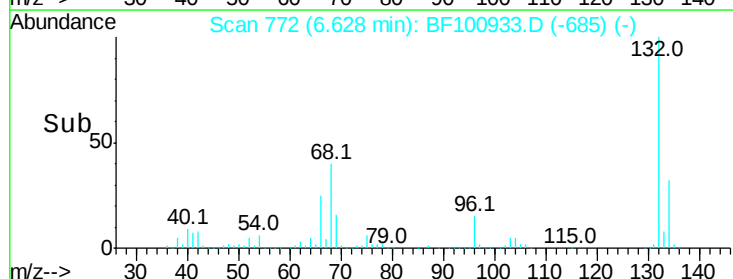
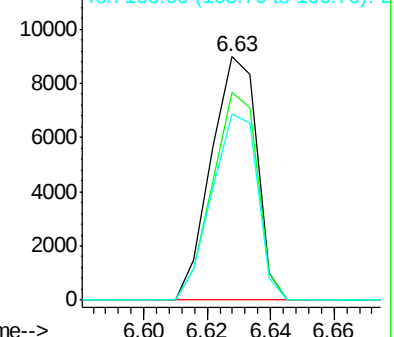
77 100

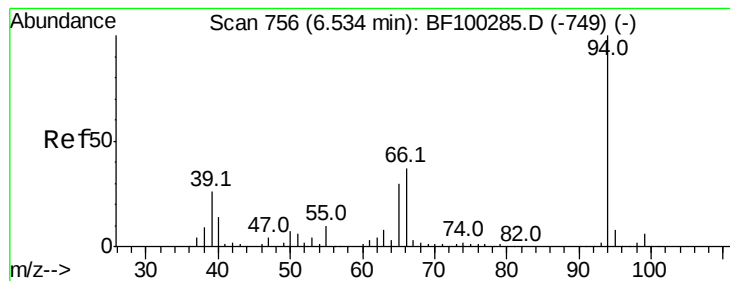
105 85.3 81.1 121.1

106 76.3 74.5 114.5



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





#10

Phenol

Concen: 2.478 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100933.D

Acq: 28 Nov 2017 14:55

Instrument :

BNA_F

ClientSampled :

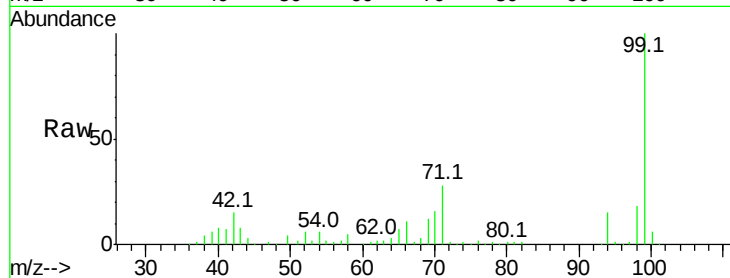
Tot Ion: 94 Resp: 12512

Ion Ratio Lower Upper

94 100

65 45.3 7.9 47.9

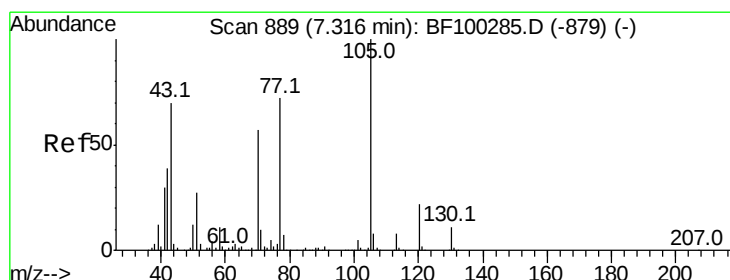
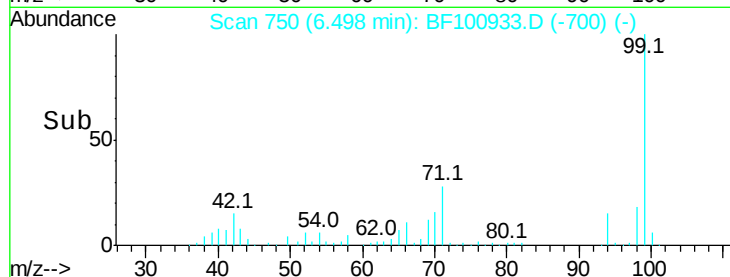
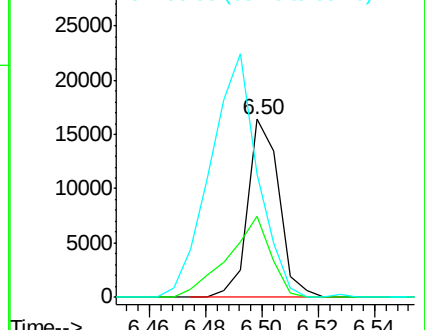
66 69.6 16.2 56.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.968 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.15 min

Lab File: BF100933.D

Acq: 28 Nov 2017 14:55

Tgt Ion: 70 Resp: 36591

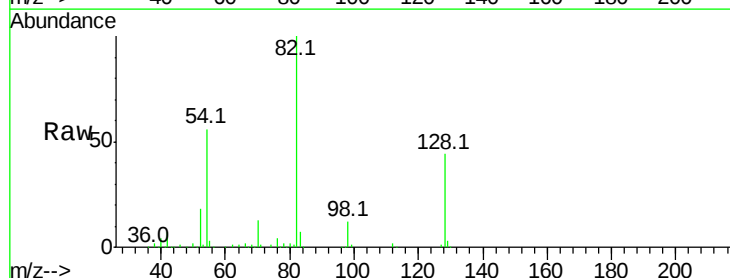
Ion Ratio Lower Upper

70 100

42 52.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

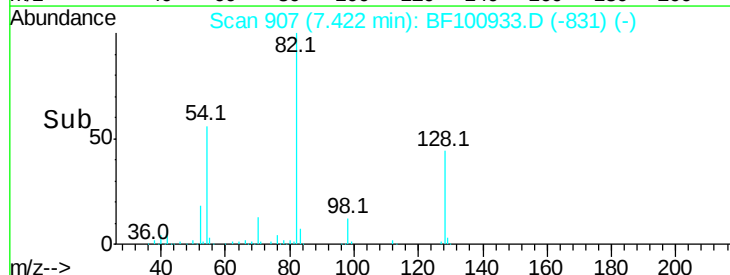
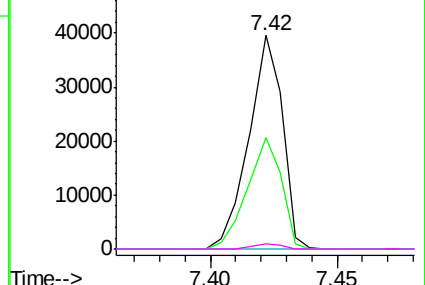


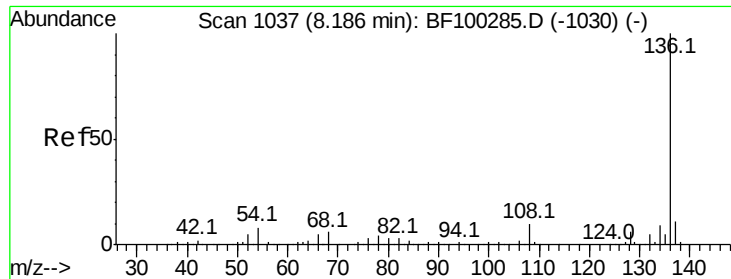
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

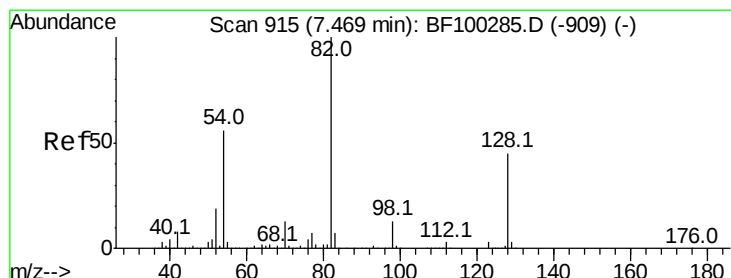
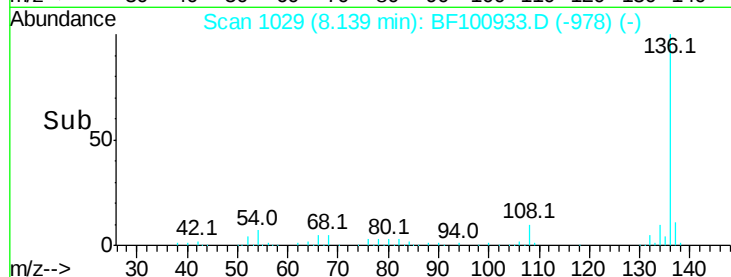
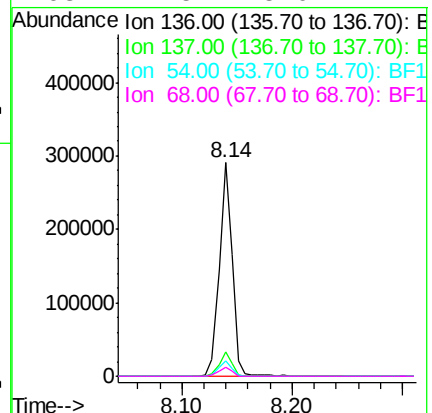
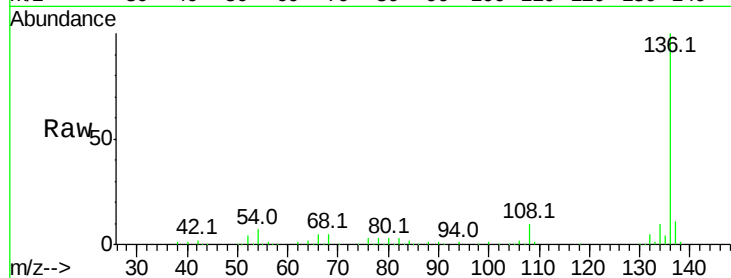




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF100933.D
Acq: 28 Nov 2017 14:55

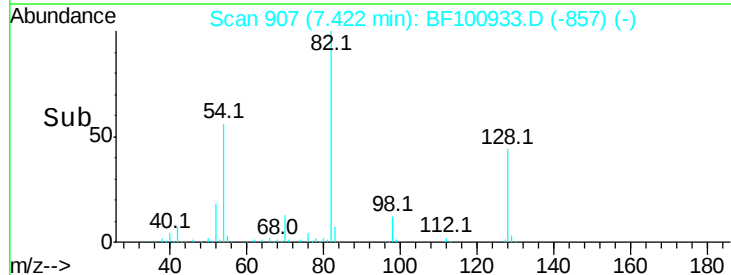
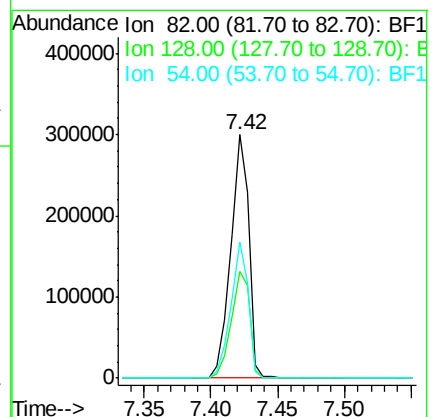
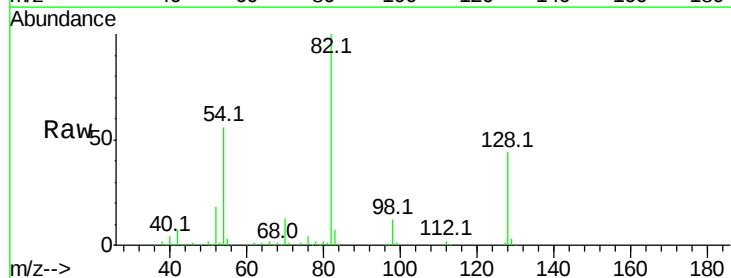
Instrument :
BNA_F
ClientSampleId :

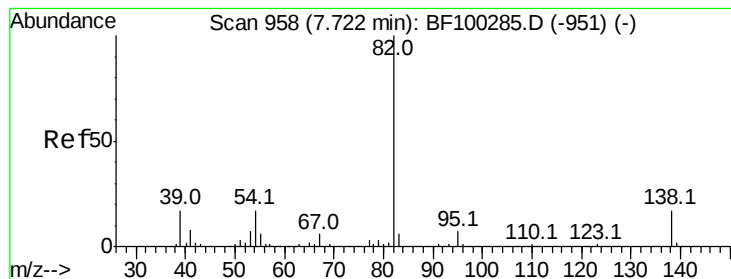
Tot Ion:	136	Resp:	233181
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.5	6.6	9.8
68	4.5	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 81.772 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100933.D
Acq: 28 Nov 2017 14:55

Tgt Ion:	82	Resp:	288410
Ion	Ratio	Lower	Upper
82	100		
128	43.9	36.1	54.1
54	55.9	41.4	62.2





#25

Isophorone

Concen: 38.912 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.26 min

Lab File: BF100933.D

Acq: 28 Nov 2017 14:55

Instrument :

BNA_F

ClientSampleId :

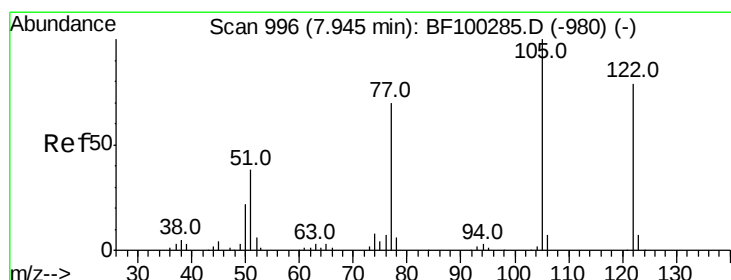
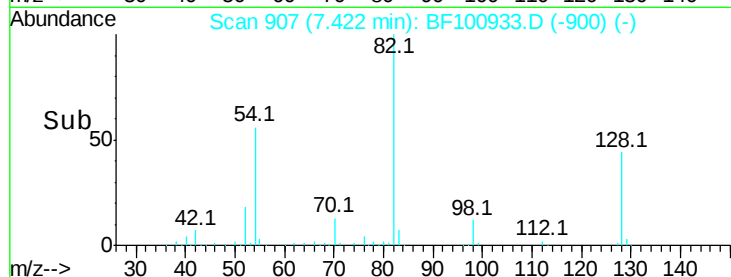
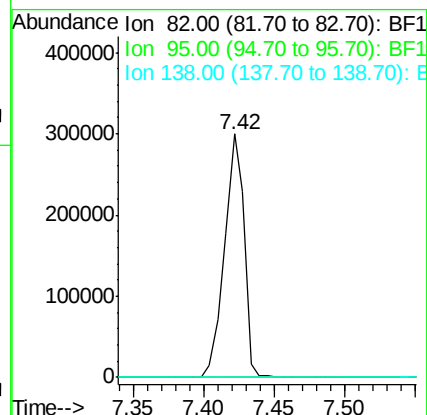
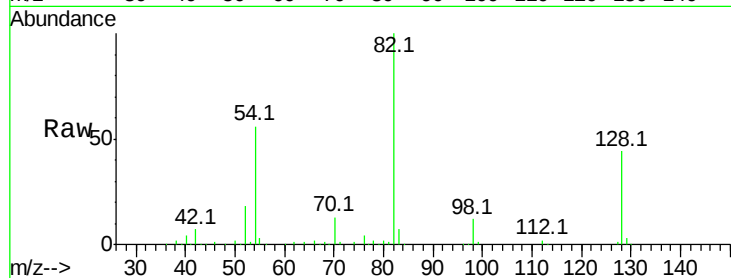
Tot Ion: 82 Resp: 288405

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#32

Benzoic acid

Concen: 9.445 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: BF100933.D

Acq: 28 Nov 2017 14:55

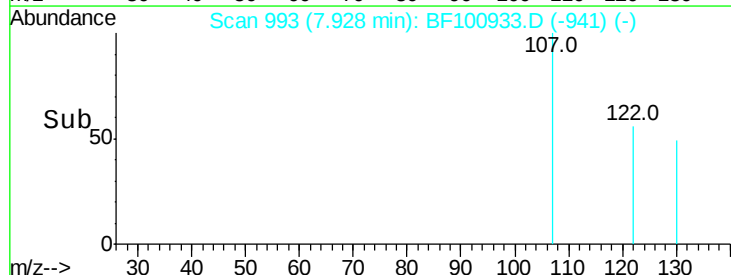
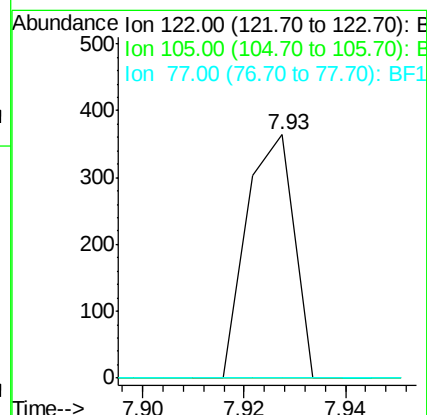
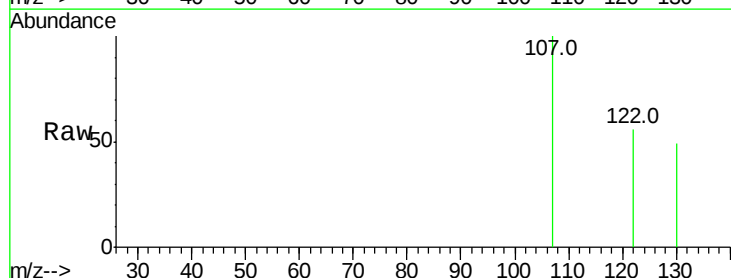
Tgt Ion: 122 Resp: 236

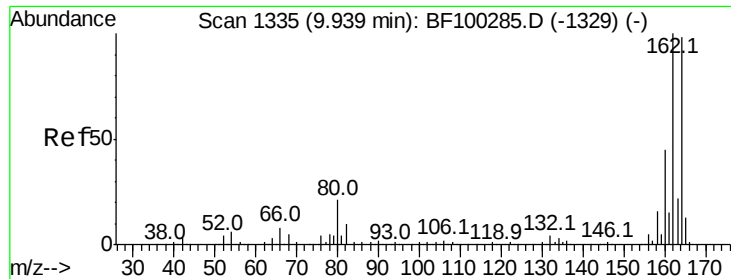
Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

77 0.0 70.7 110.7#

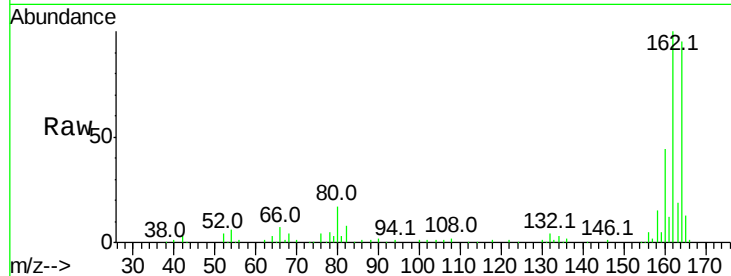




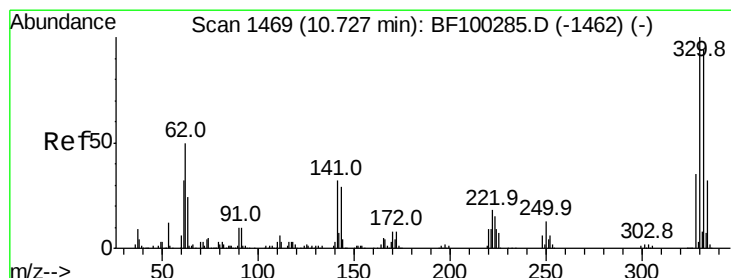
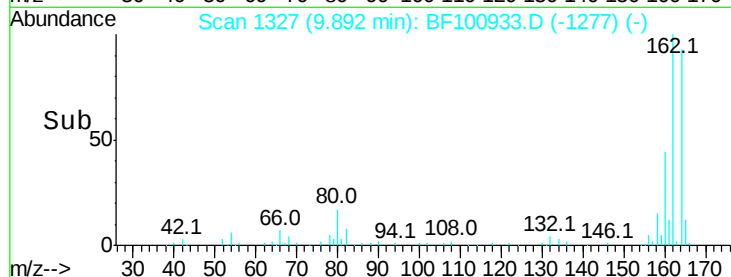
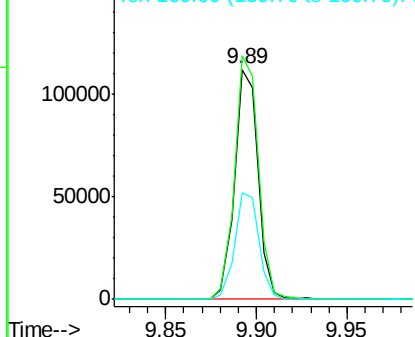
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF100933.D
 Acq: 28 Nov 2017 14:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 101258
 Ion Ratio Lower Upper
 164 100
 162 105.8 86.1 129.1
 160 46.4 38.3 57.5

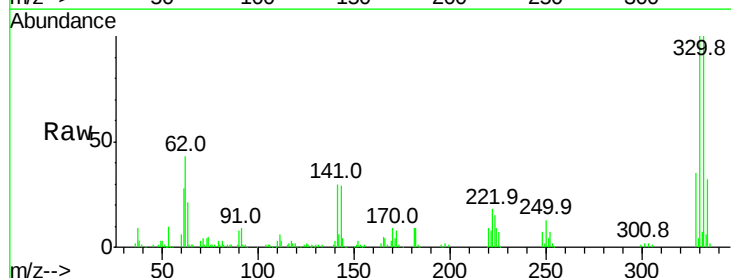


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

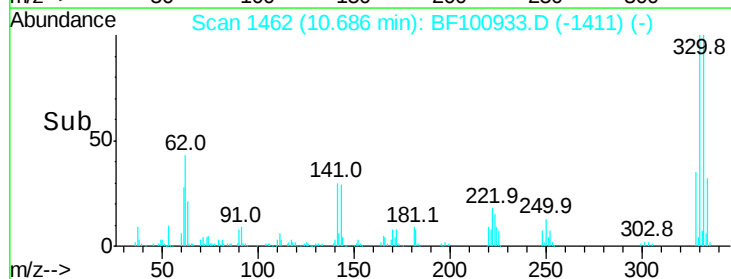
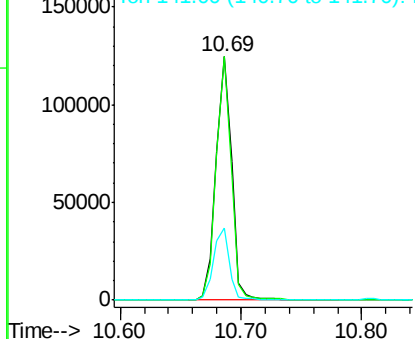


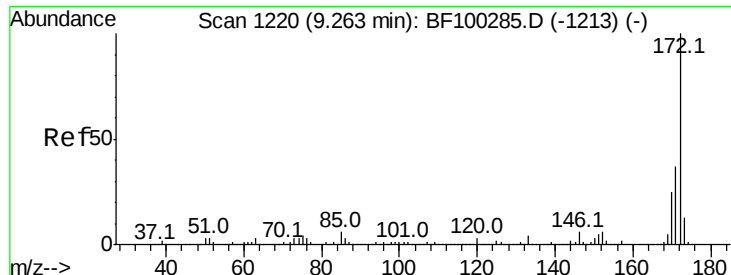
#41
 2,4,6-Tribromophenol
 Concen: 106.712 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: BF100933.D
 Acq: 28 Nov 2017 14:55

Tgt Ion:330 Resp: 110108
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 31.0 29.9 44.9



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

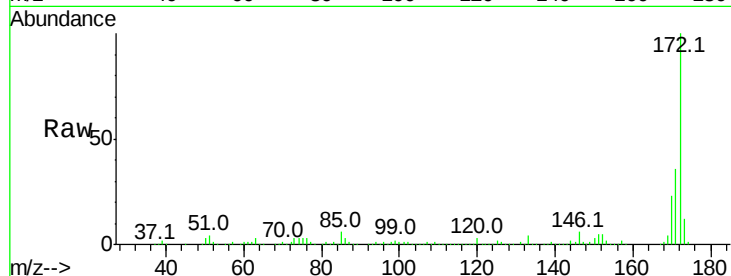




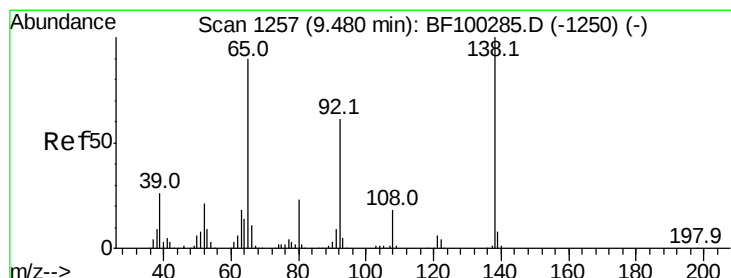
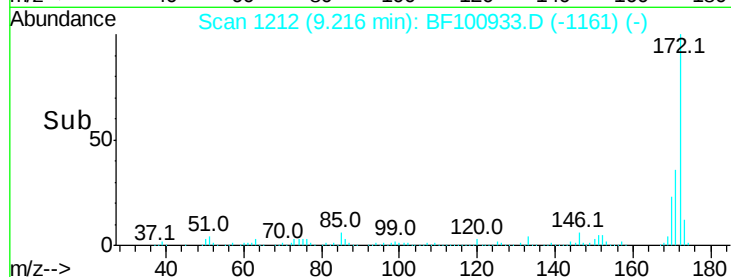
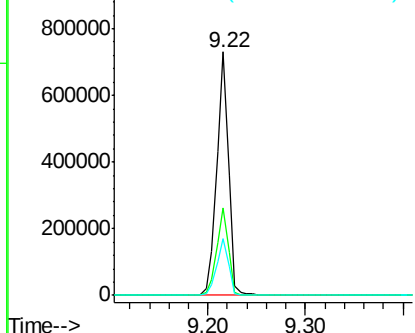
#44
 2-Fluorobiphenyl
 Concen: 92.276 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF100933.D
 Acq: 28 Nov 2017 14:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 613622
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.5 19.6 29.4

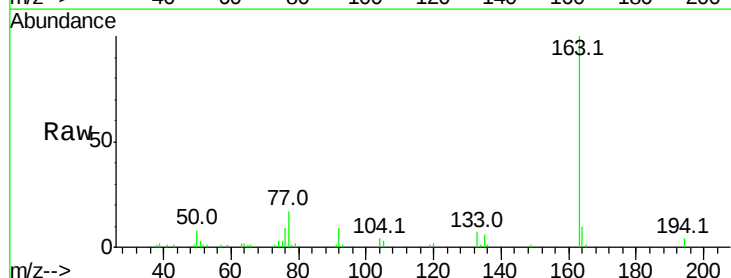


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

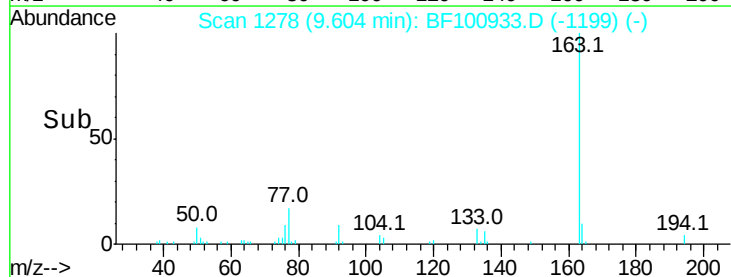
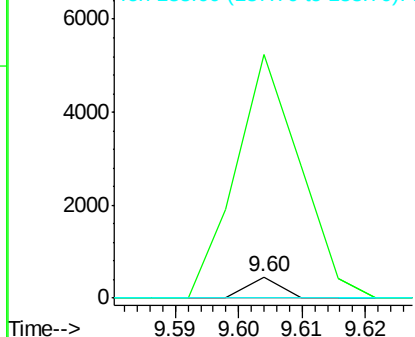


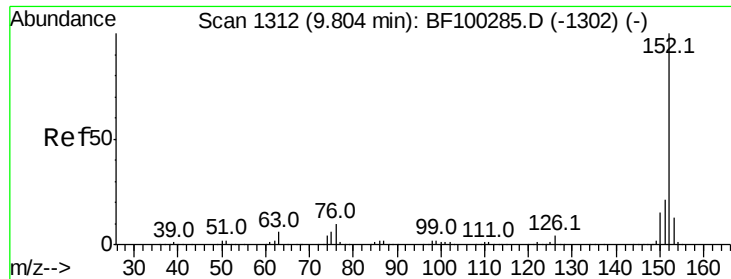
#47
 2-Nitroaniline
 Concen: 2.864 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. 0.16 min
 Lab File: BF100933.D
 Acq: 28 Nov 2017 14:55

Tgt Ion: 65 Resp: 159
 Ion Ratio Lower Upper
 65 100
 92 1164.2 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: 4.136 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF100933.D

Acq: 28 Nov 2017 14:55

Instrument :

BNA_F

ClientSampleId :

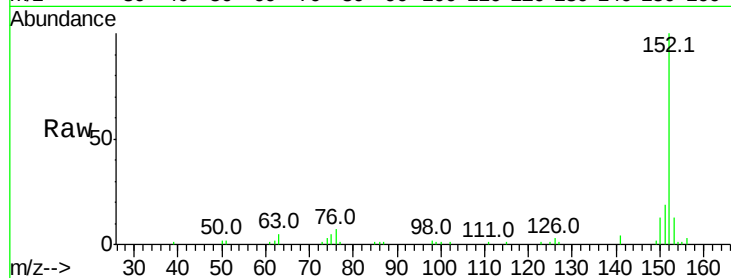
Tot Ion:152 Resp: 43549

Ion Ratio Lower Upper

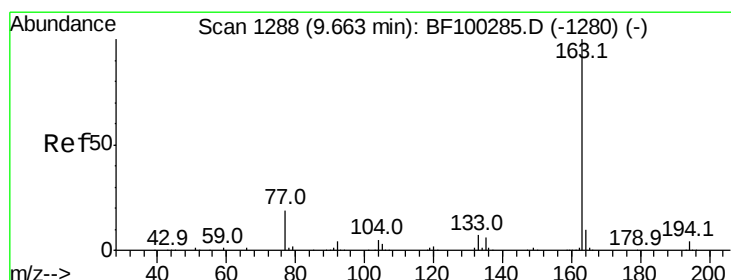
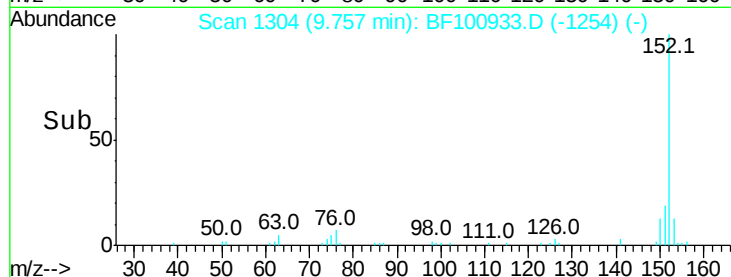
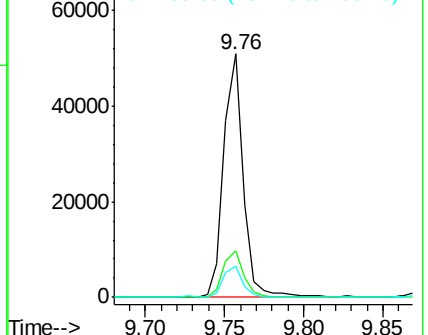
152 100

151 19.0 16.3 24.5

153 12.9 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 6.151 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF100933.D

Acq: 28 Nov 2017 14:55

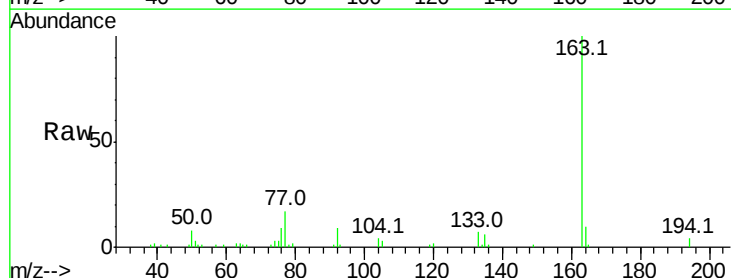
Tgt Ion:163 Resp: 47555

Ion Ratio Lower Upper

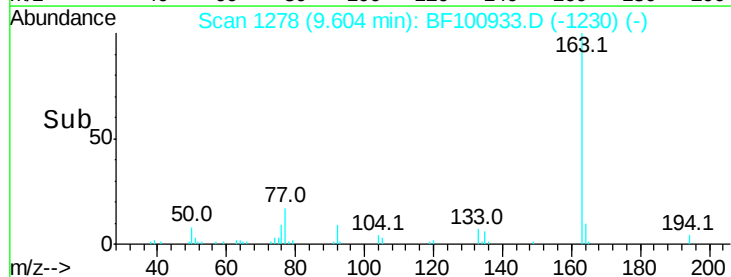
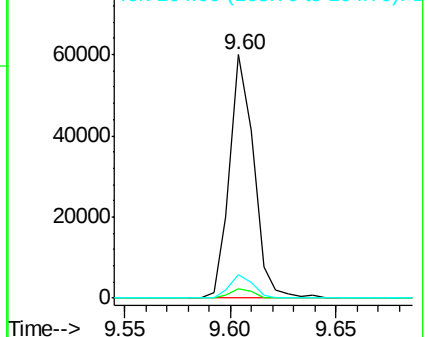
163 100

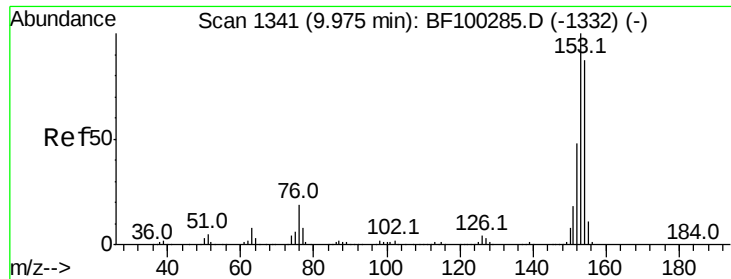
194 3.8 2.7 4.1

164 9.6 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

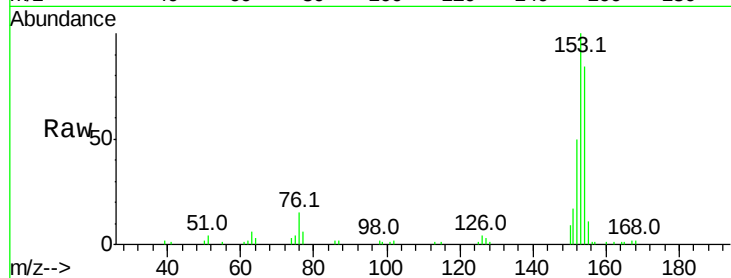




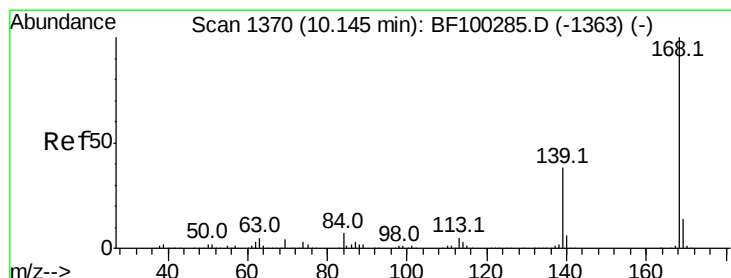
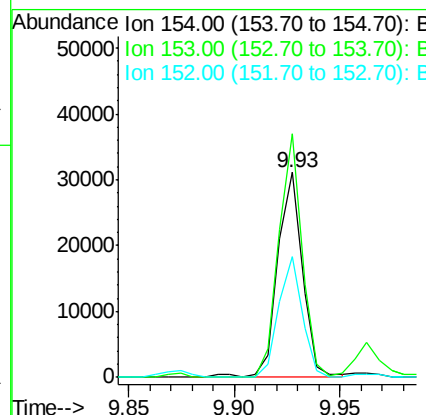
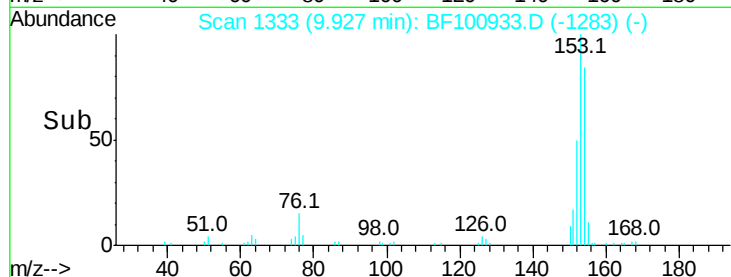
#51
Acenaphthene
Concen: 3.961 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF100933.D
Acq: 28 Nov 2017 14:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:154 Resp: 25364
Ion Ratio Lower Upper
154 100
153 118.8 91.2 136.8
152 58.8 43.8 65.8

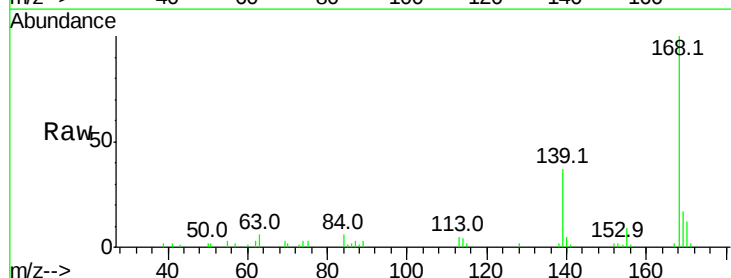


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

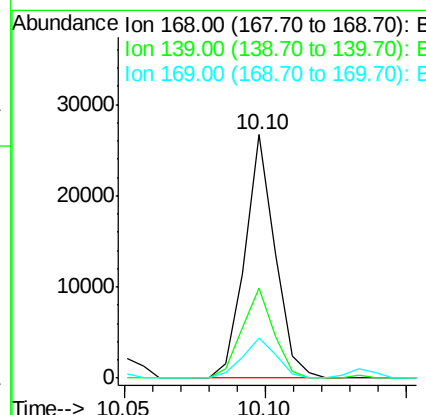
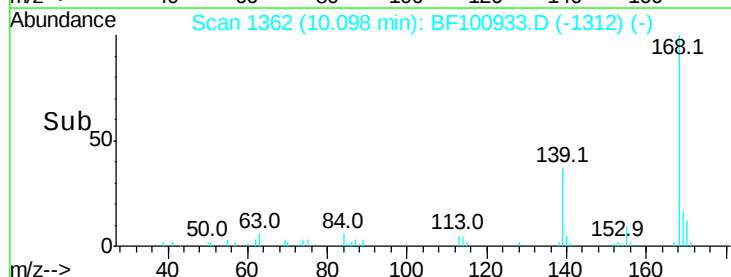


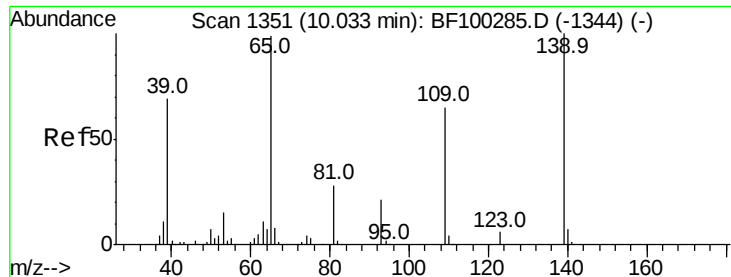
#54
Dibenzofuran
Concen: 2.222 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF100933.D
Acq: 28 Nov 2017 14:55

Tgt Ion:168 Resp: 19942
Ion Ratio Lower Upper
168 100
139 37.2 30.1 45.1
169 16.6 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: 5.252 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.09 min

Lab File: BF100933.D

Acq: 28 Nov 2017 14:55

Instrument :

BNA_F

ClientSampled :

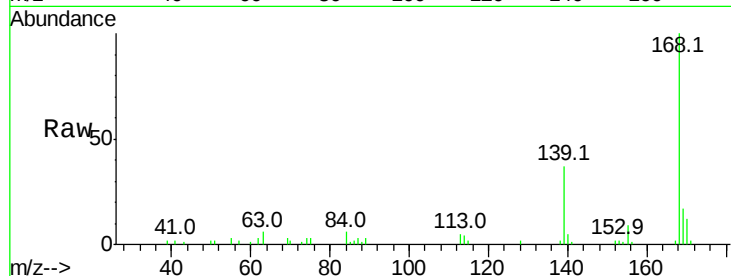
Tot Ion:139 Resp: 7706

Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

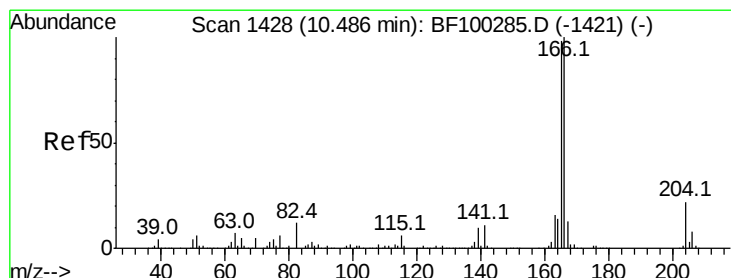
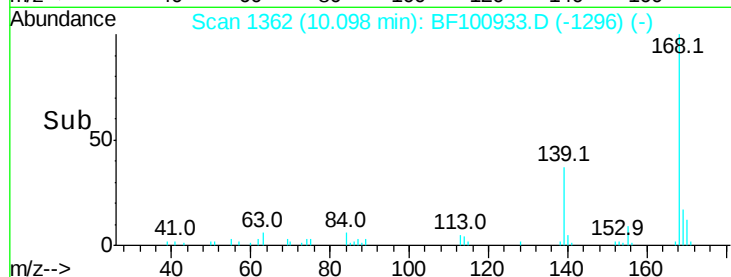
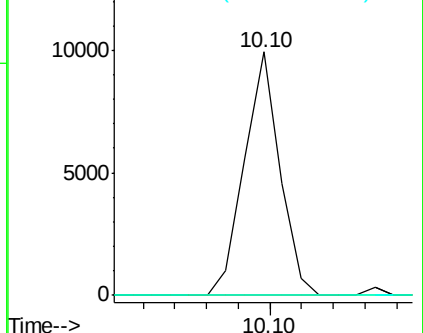
65 0.0 72.6 112.6#



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



#57

Fluorene

Concen: 4.052 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF100933.D

Acq: 28 Nov 2017 14:55

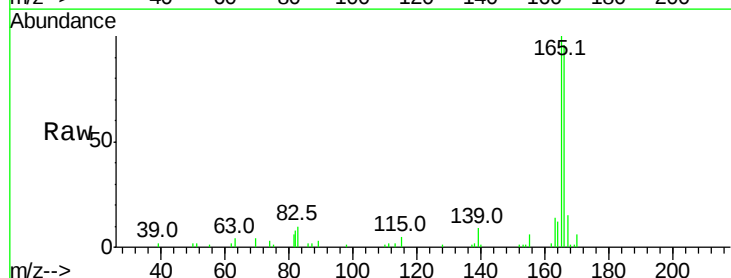
Tgt Ion:166 Resp: 26642

Ion Ratio Lower Upper

166 100

165 104.5 79.8 119.8

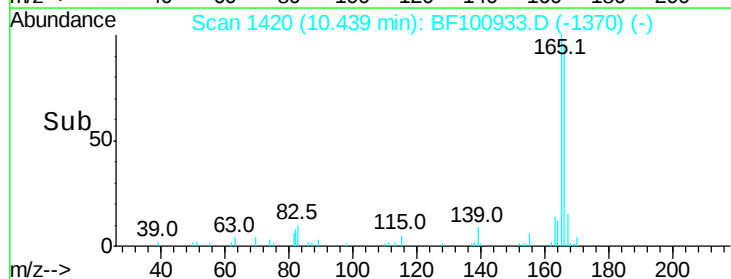
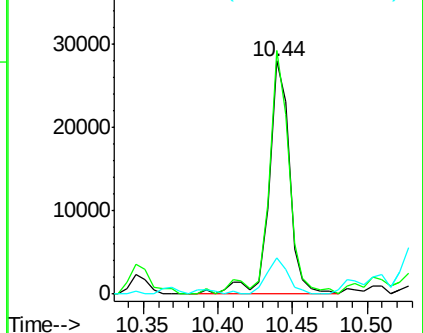
167 15.4 10.6 16.0

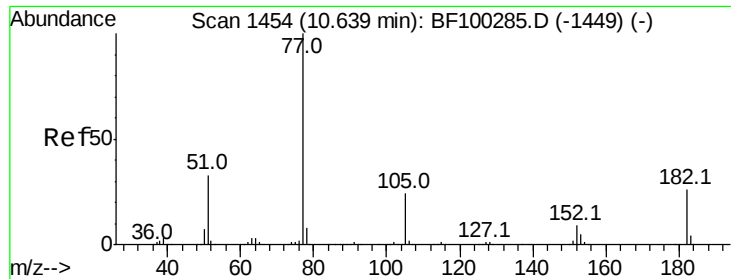


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#62

Azobenzene

Concen: 14.024 ng

RT: 10.61 min Scan# 1449

Delta R.T. 0.01 min

Lab File: BF100933.D

Acq: 28 Nov 2017 14:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 102191

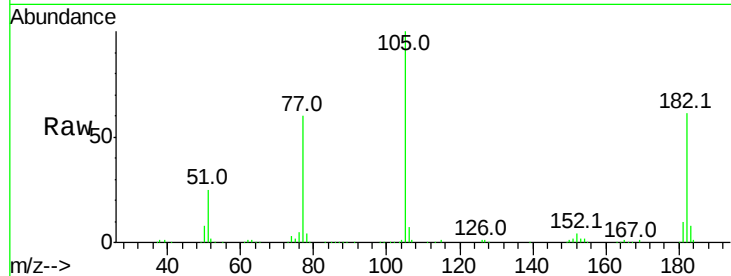
Ion Ratio Lower Upper

77 100

182 101.5 1.7 41.7#

105 166.5 3.0 43.0#

51 42.2 9.9 49.9



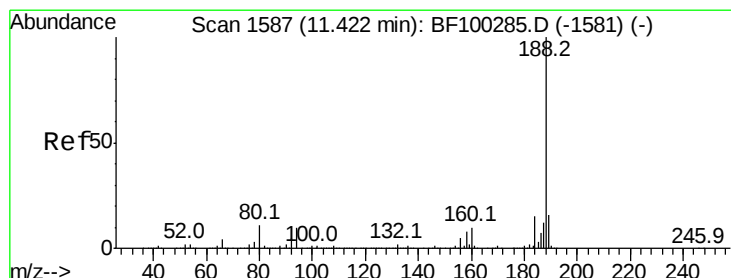
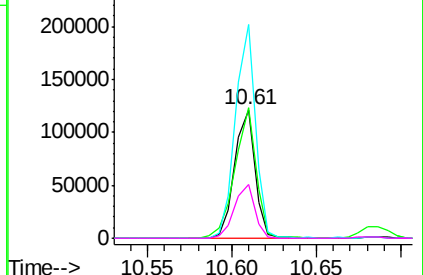
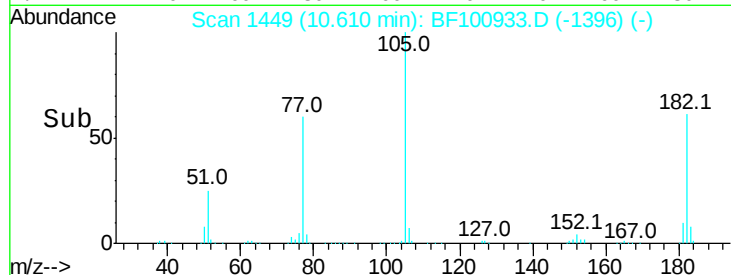
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BF100933.D

Acq: 28 Nov 2017 14:55

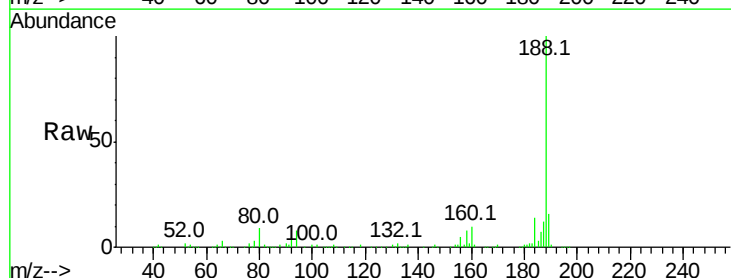
Tgt Ion: 188 Resp: 156278

Ion Ratio Lower Upper

188 100

94 8.3 8.5 12.7#

80 8.6 9.2 13.8#

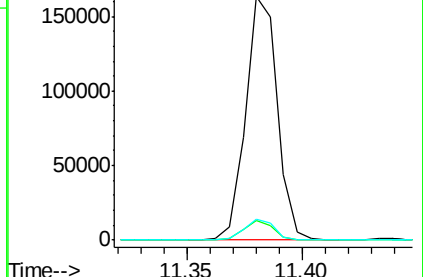
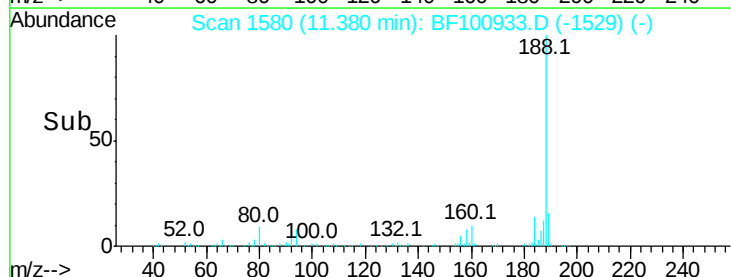


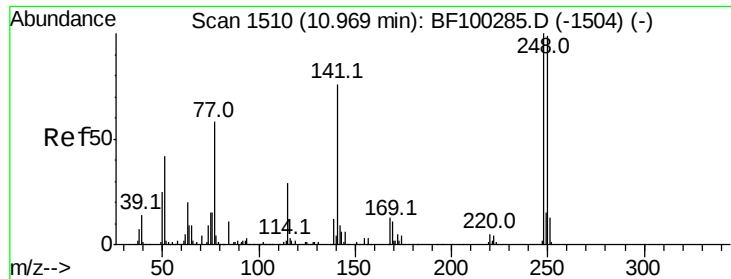
Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->

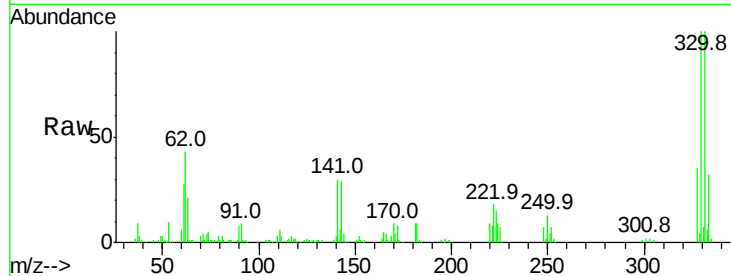




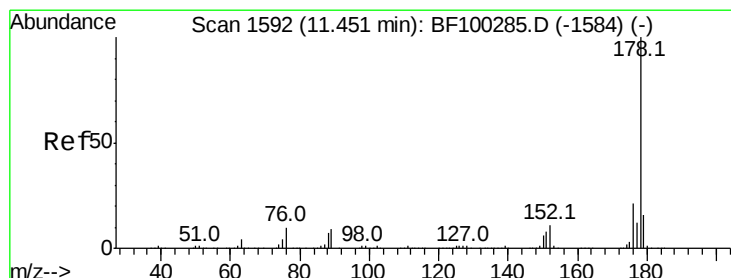
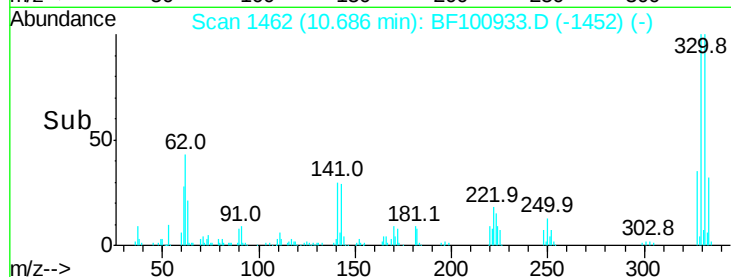
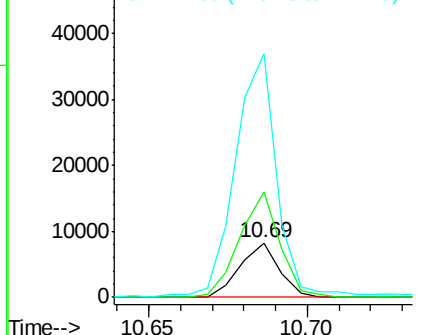
#66
 4-Bromophenyl-phenylether
 Concen: 4.174 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.24 min
 Lab File: BF100933.D
 Acq: 28 Nov 2017 14:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	193.5	76.9	115.3
141	447.0	74.4	111.6

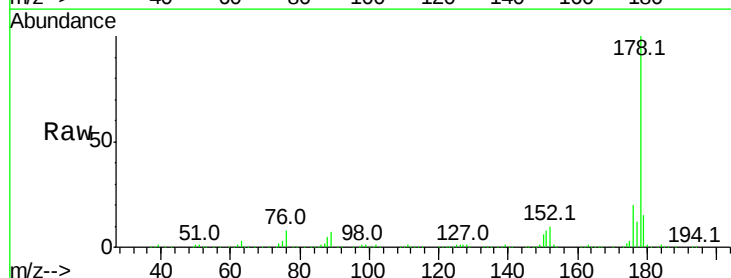


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

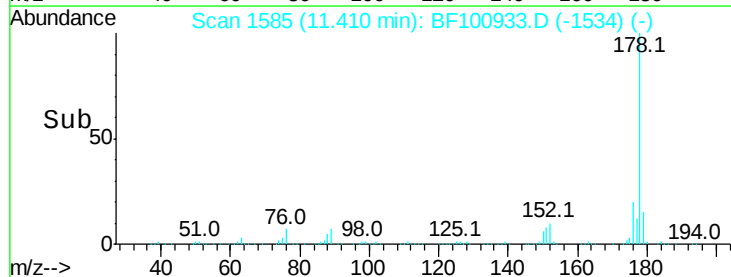
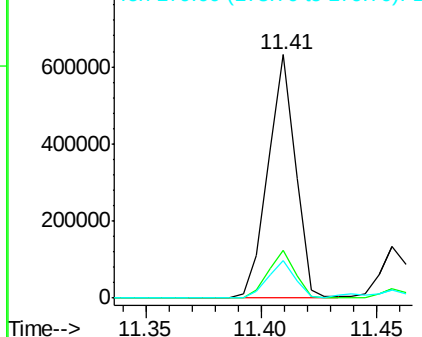


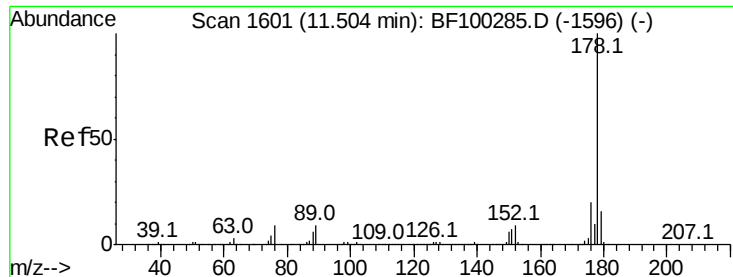
#70
 Phenanthrene
 Concen: 63.565 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF100933.D
 Acq: 28 Nov 2017 14:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.3	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

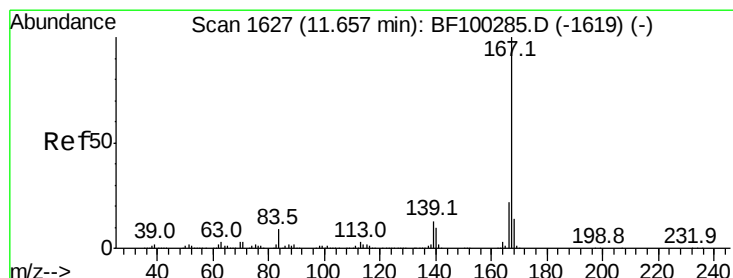
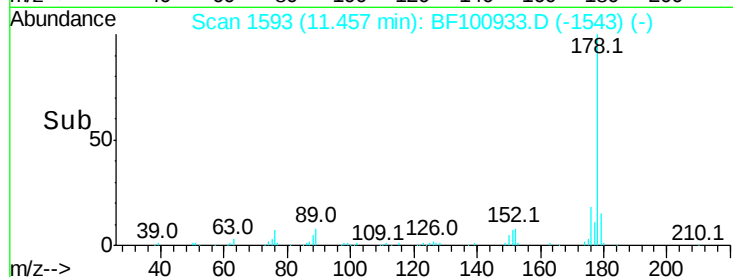
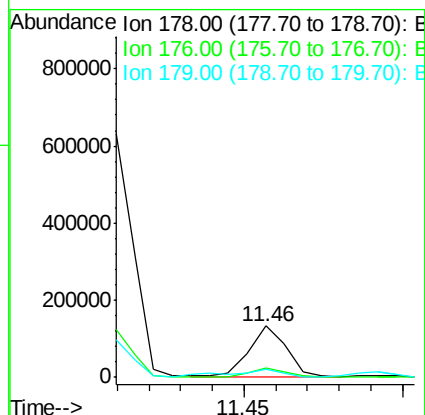
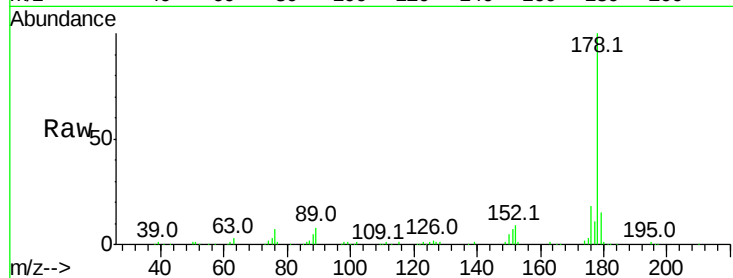




#71
 Anthracene
 Concen: 12.723 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BF100933.D
 Acq: 28 Nov 2017 14:55

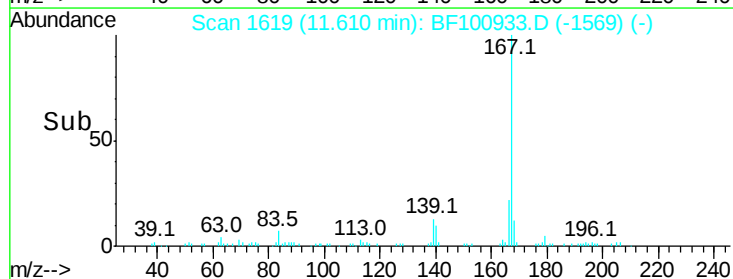
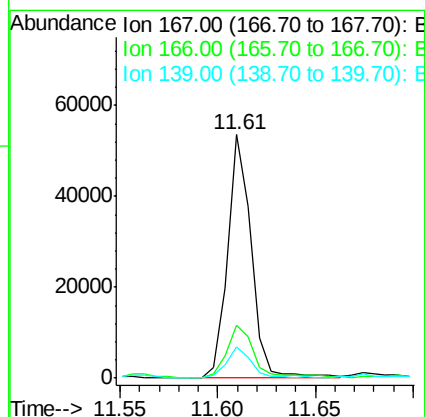
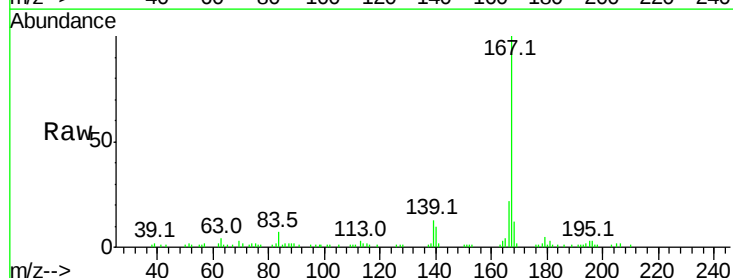
Instrument :
 BNA_F
 ClientSampleId :

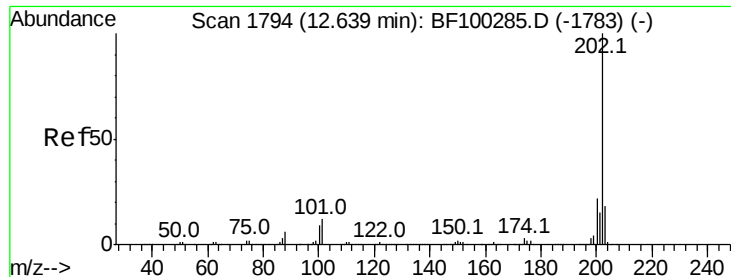
Tot Ion:178 Resp: 106209
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.4 23.2
 179 15.0 12.6 19.0



#72
 Carbazole
 Concen: 5.868 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF100933.D
 Acq: 28 Nov 2017 14:55

Tgt Ion:167 Resp: 45203
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 12.8 10.9 16.3





#74

Fluoranthene

Concen: 109.833 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF100933.D

Acq: 28 Nov 2017 14:55

Instrument :

BNA_F

ClientSampleId :

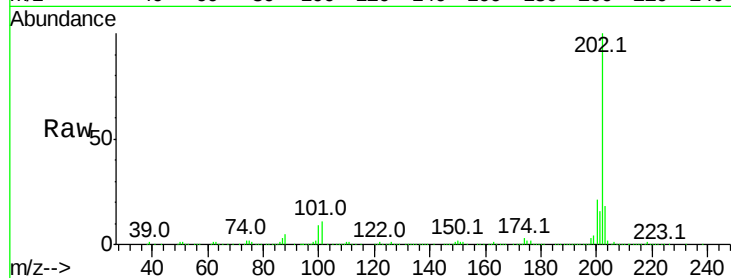
Tot Ion:202 Resp: 957786

Ion Ratio Lower Upper

202 100

101 11.3 0.0 34.1

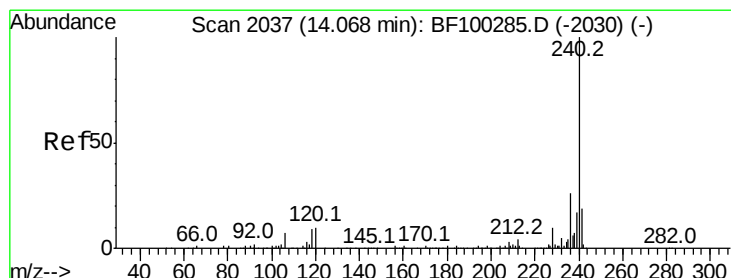
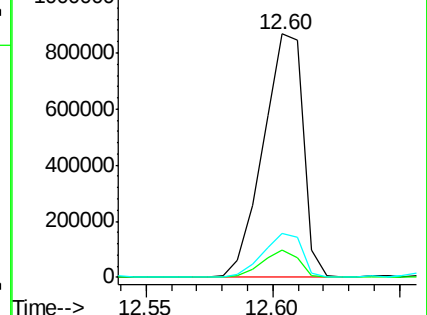
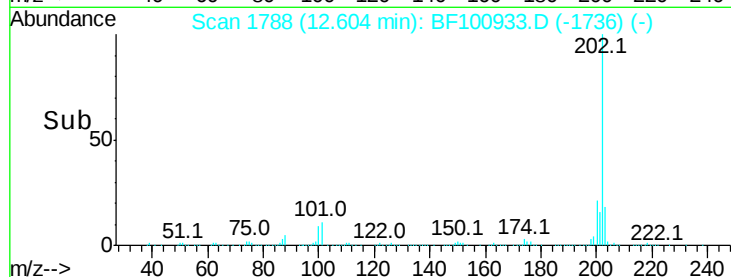
203 18.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.01 min

Lab File: BF100933.D

Acq: 28 Nov 2017 14:55

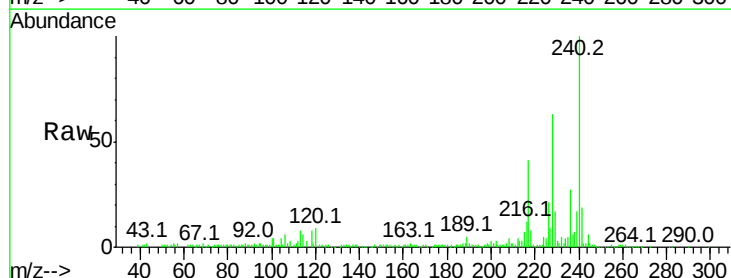
Tgt Ion:240 Resp: 121880

Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

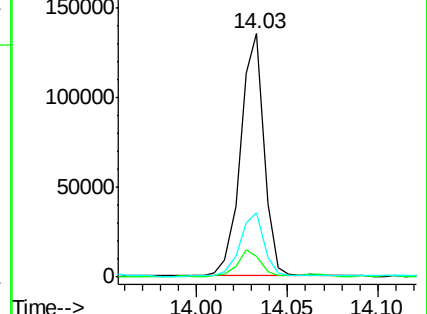
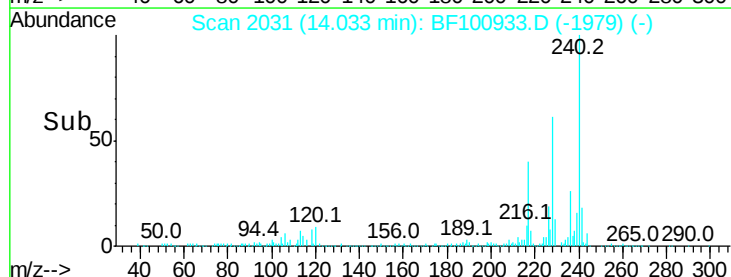
236 26.6 20.7 31.1

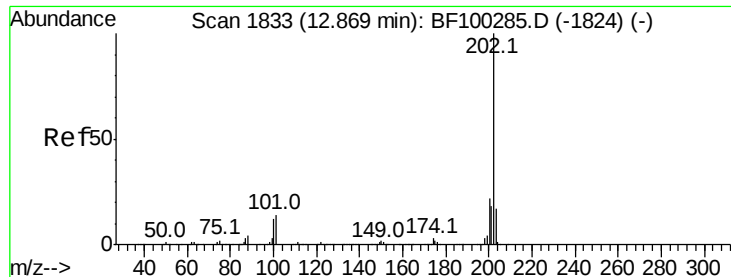


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

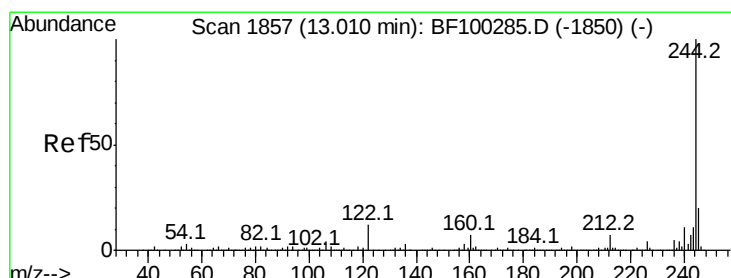
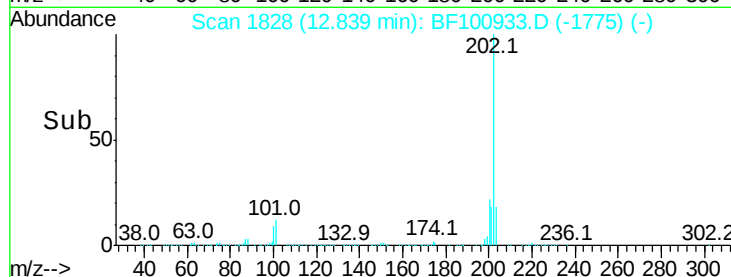
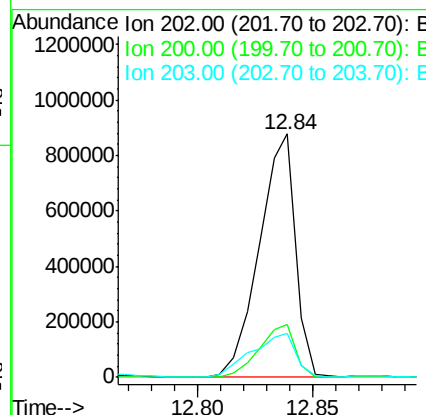
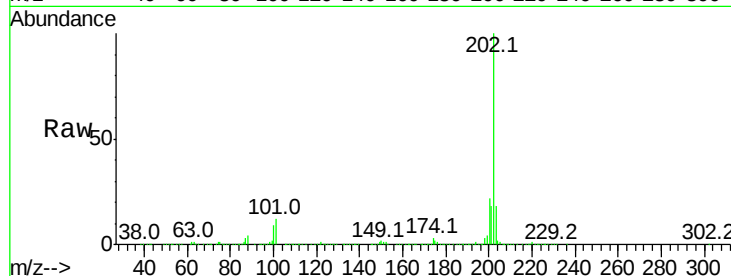




#77
Pvrene
Concen: 109.981 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF100933.D
Acq: 28 Nov 2017 14:55

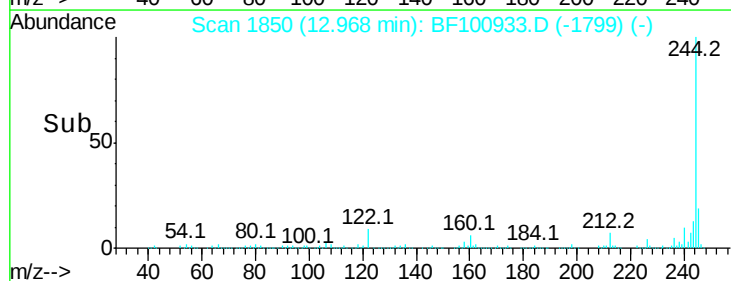
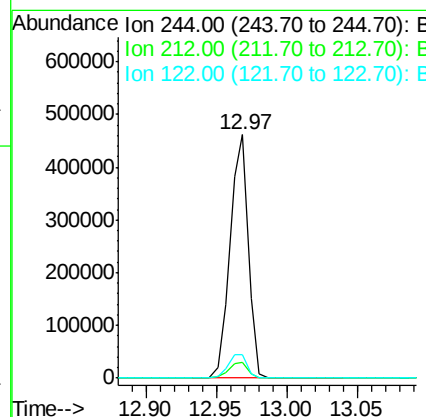
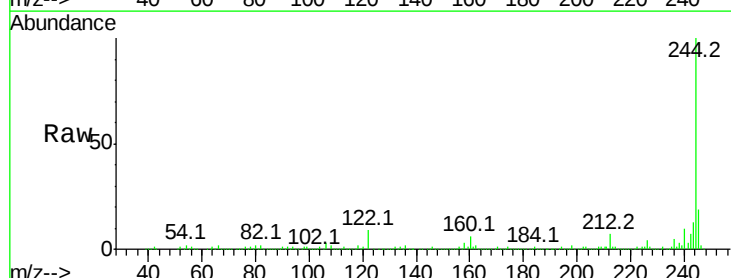
Instrument :
BNA_F
ClientSampled :

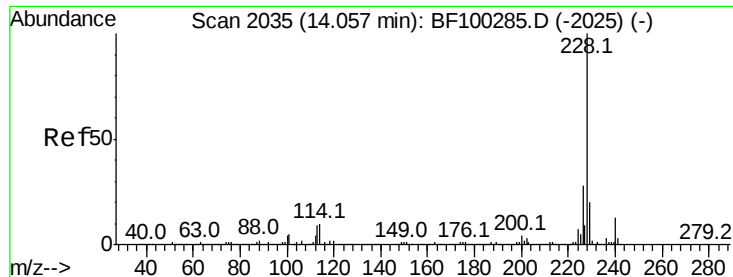
Tot Ion:202 Resp: 955524
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 18.2 14.3 21.5



#78
Terphenyl-d14
Concen: 78.021 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BF100933.D
Acq: 28 Nov 2017 14:55

Tgt Ion:244 Resp: 413854
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 9.4 11.0 16.4#

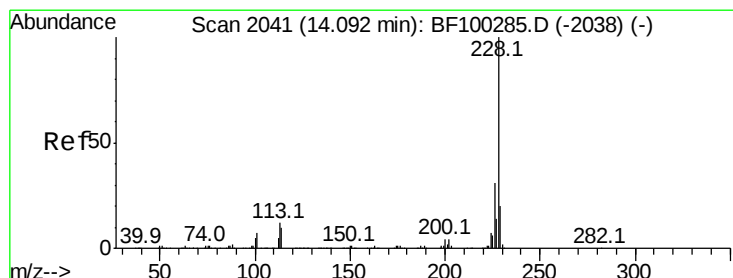
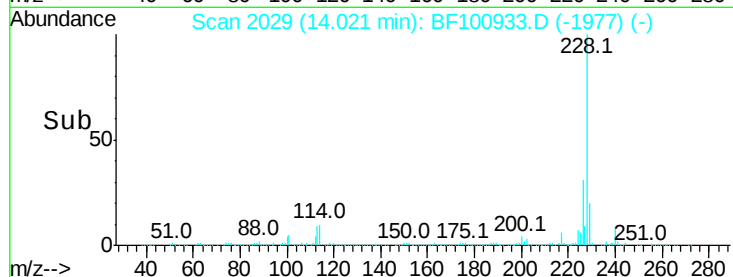
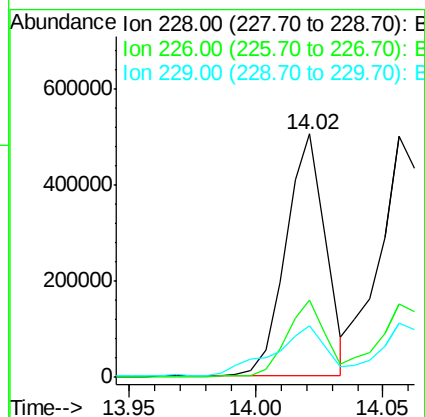
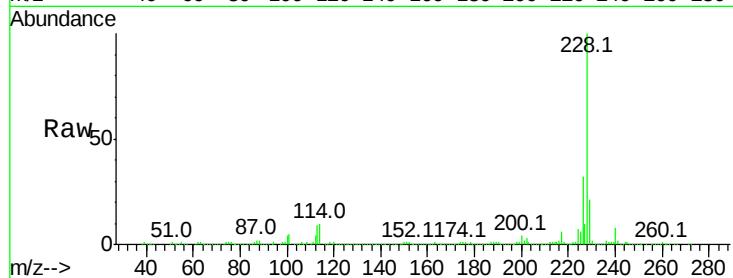




#80
Benzo(a)anthracene
Concen: 74.675 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF100933.D
Acq: 28 Nov 2017 14:55

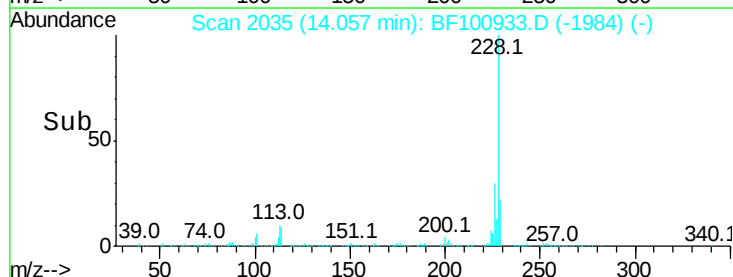
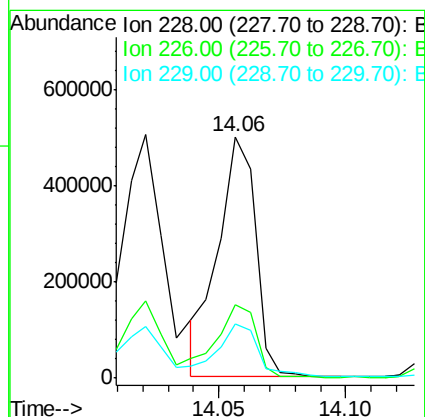
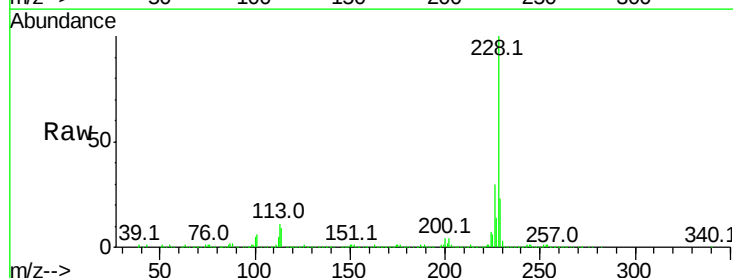
Instrument :
BNA_F
ClientSampleId :

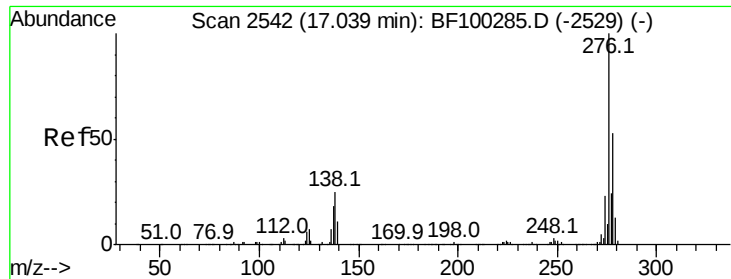
Tot Ion:228 Resp: 548085
Ion Ratio Lower Upper
228 100
226 31.6 22.6 33.8
229 21.0 15.8 23.6



#82
Chrysene
Concen: 72.397 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF100933.D
Acq: 28 Nov 2017 14:55

Tgt Ion:228 Resp: 514555
Ion Ratio Lower Upper
228 100
226 30.4 25.0 37.6
229 22.5 16.2 24.4

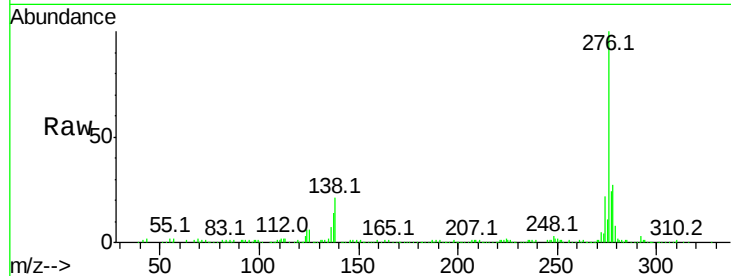




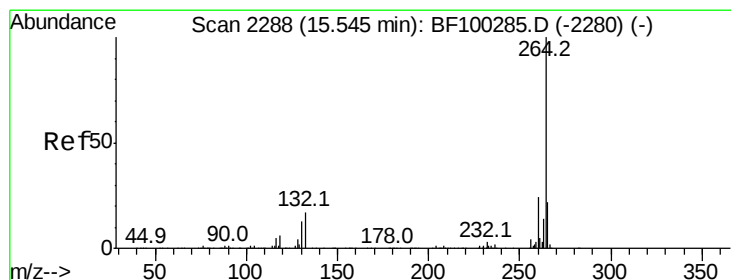
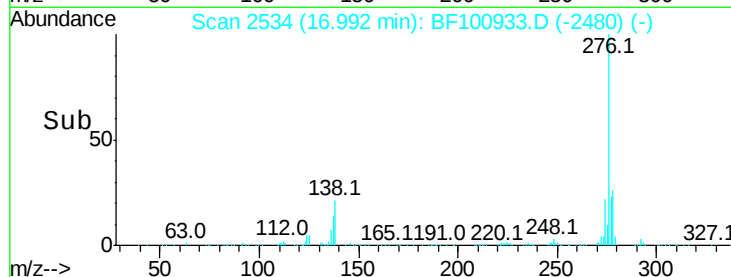
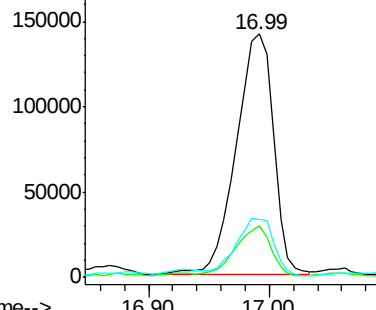
#85
Indeno(1,2,3-cd)pyrene
Concen: 52.668 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.02 min
Lab File: BF100933.D
Acq: 28 Nov 2017 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 302776
Ion Ratio Lower Upper
276 100
138 19.5 25.0 37.6#
277 23.4 20.1 30.1

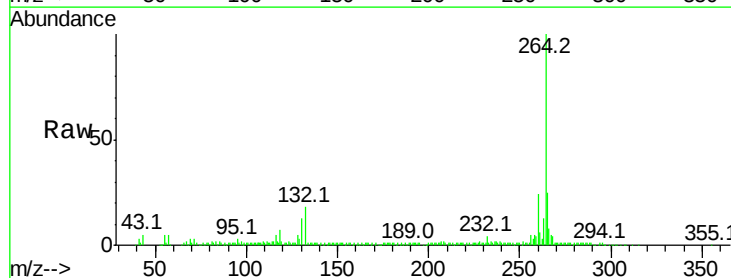


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

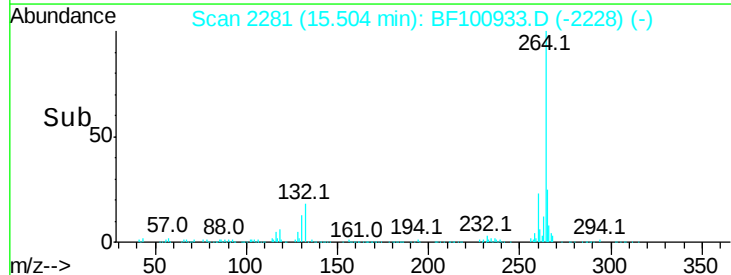
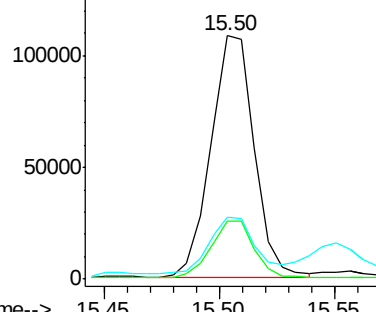


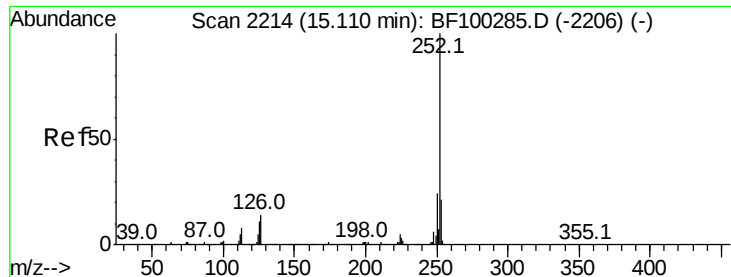
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF100933.D
Acq: 28 Nov 2017 14:55

Tgt Ion:264 Resp: 141399
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 25.3 17.5 26.3



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





#87

Benzo(b)fluoranthene

Concen: 110.496 ng

RT: 15.08 min Scan# 2209

Delta R.T. 0.02 min

Lab File: BF100933.D

Acq: 28 Nov 2017 14:55

Instrument :

BNA_F

ClientSampleId :

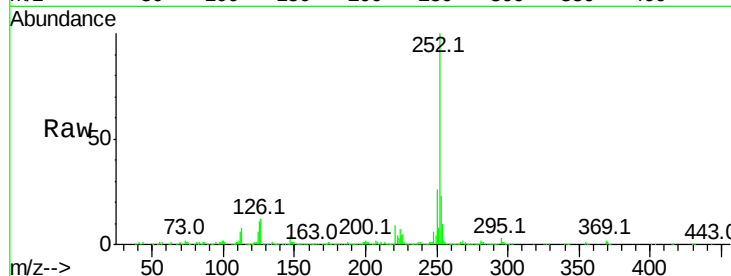
Tot Ion:252 Resp: 925643

Ion Ratio Lower Upper

252 100

253 22.9 17.0 25.6

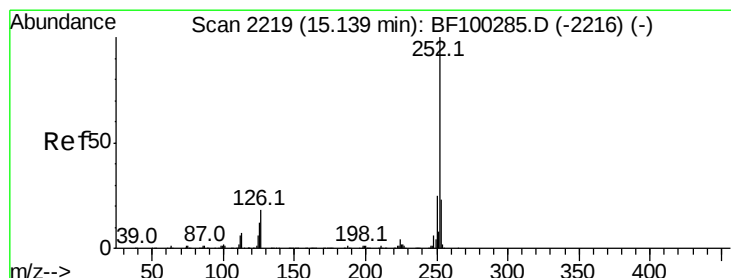
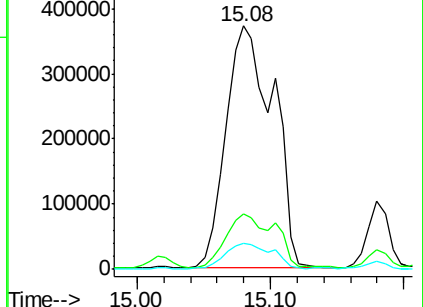
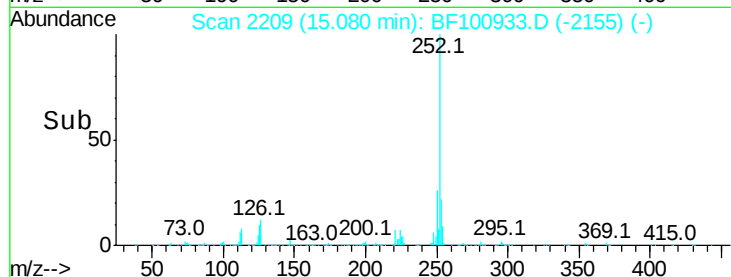
125 10.5 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 116.945 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.02 min

Lab File: BF100933.D

Acq: 28 Nov 2017 14:55

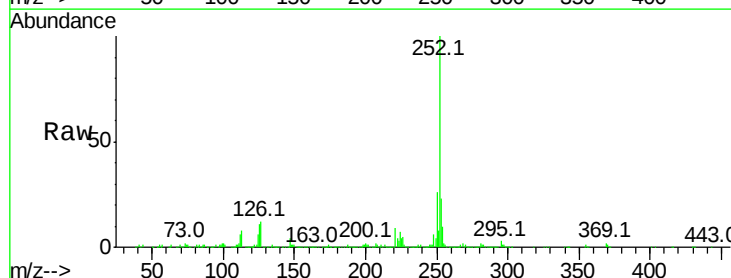
Tgt Ion:252 Resp: 925643

Ion Ratio Lower Upper

252 100

253 22.9 17.9 26.9

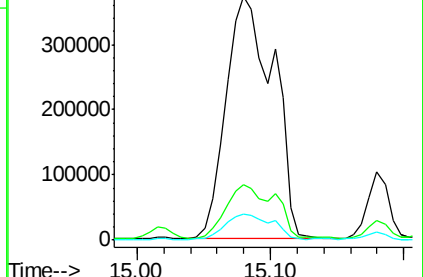
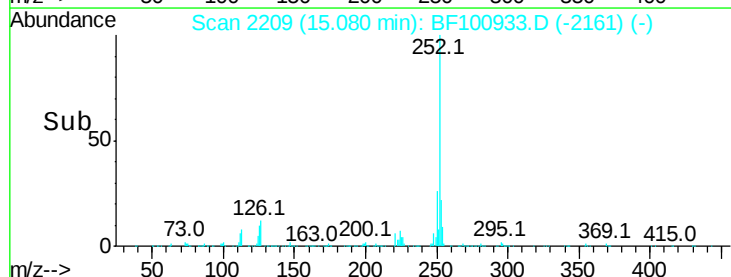
125 10.5 10.2 15.2

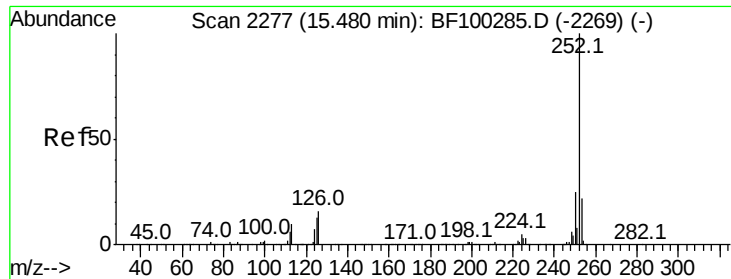


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 74.014 ng

RT: 15.45 min Scan# 2272

Delta R.T. 0.02 min

Lab File: BF100933.D

Acq: 28 Nov 2017 14:55

Instrument :

BNA_F

ClientSampleId :

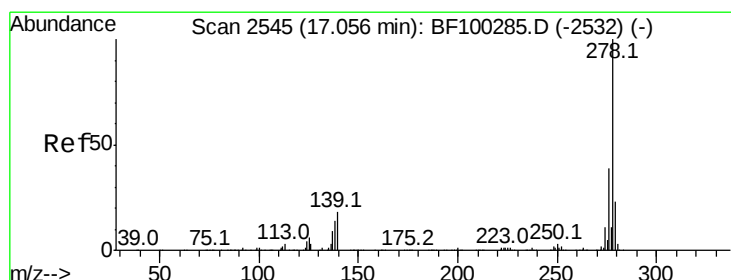
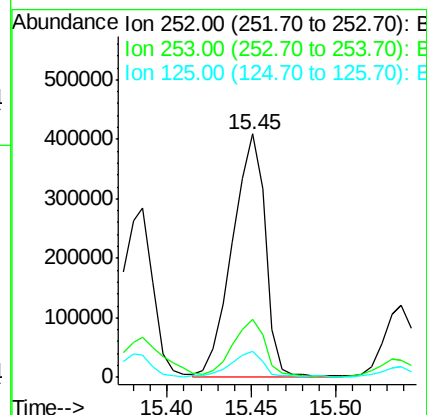
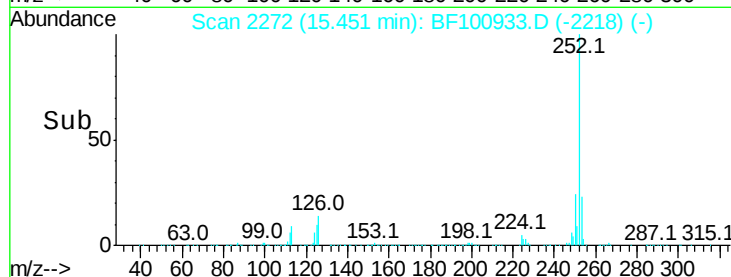
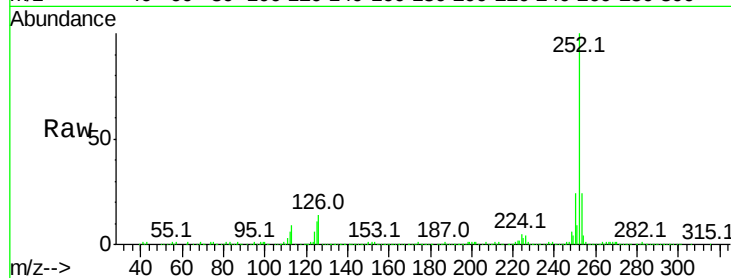
Tot Ion:252 Resp: 549675

Ion Ratio Lower Upper

252 100

253 23.6 17.1 25.7

125 10.8 9.8 14.6



#90

Dibenzo(a,h)anthracene

Concen: 12.472 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.01 min

Lab File: BF100933.D

Acq: 28 Nov 2017 14:55

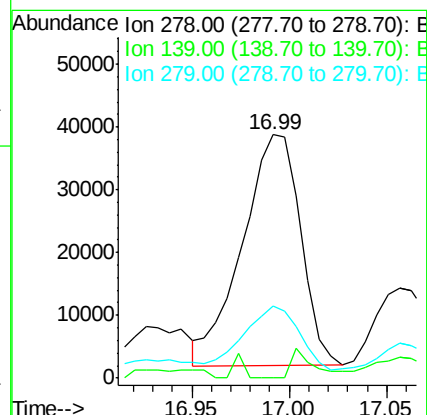
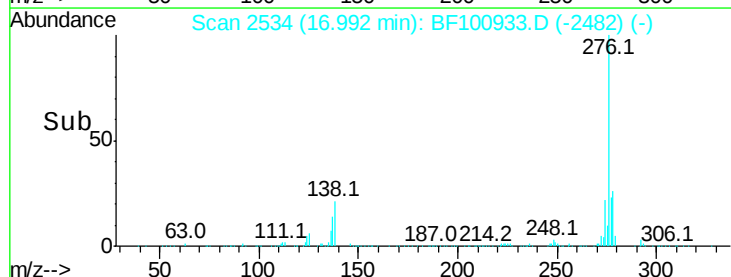
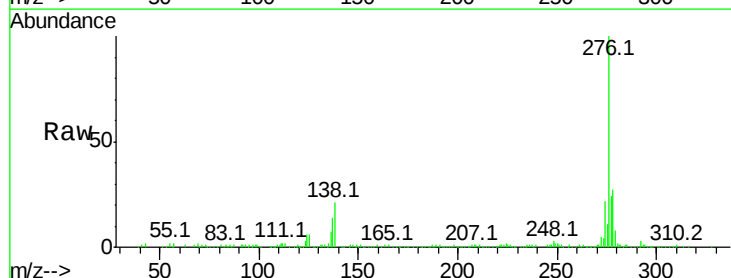
Tgt Ion:278 Resp: 75750

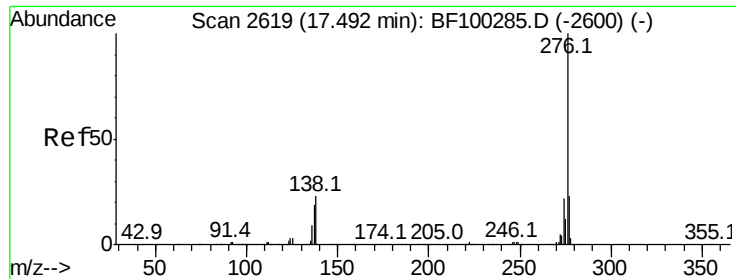
Ion Ratio Lower Upper

278 100

139 0.0 15.9 23.9#

279 29.4 19.0 28.4#





#91
 Benzo(a,h,i)perylene
 Concen: 45.958 ng
 RT: 17.44 min Scan# 2611
 Delta R.T. 0.02 min
 Lab File: BF100933.D
 Acq: 28 Nov 2017 14:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.9	26.9
138	21.6	21.8	32.8

