

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
 Data File : BF100983.D
 Acq On : 29 Nov 2017 17:38
 Operator : SJ/JU
 Sample : I6304-24 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 23:41:57 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	6.85	152	70359	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	276101	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	120049	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	189380	20.00	ng	0.00
75) Chrysene-d12	14.03	240	139168	20.00	ng	0.00
86) Perylene-d12	15.50	264	112852	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	43749	9.97	ng	-0.01
7) Phenol-d6	6.47	99	54210	10.02	ng	-0.02
23) Nitrobenzene-d5	7.41	82	31217	7.48	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	12047	9.85	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	76853	9.75	ng	-0.01
78) Terphenyl-d14	12.96	244	54898	9.06	ng	-0.01

Target Compounds

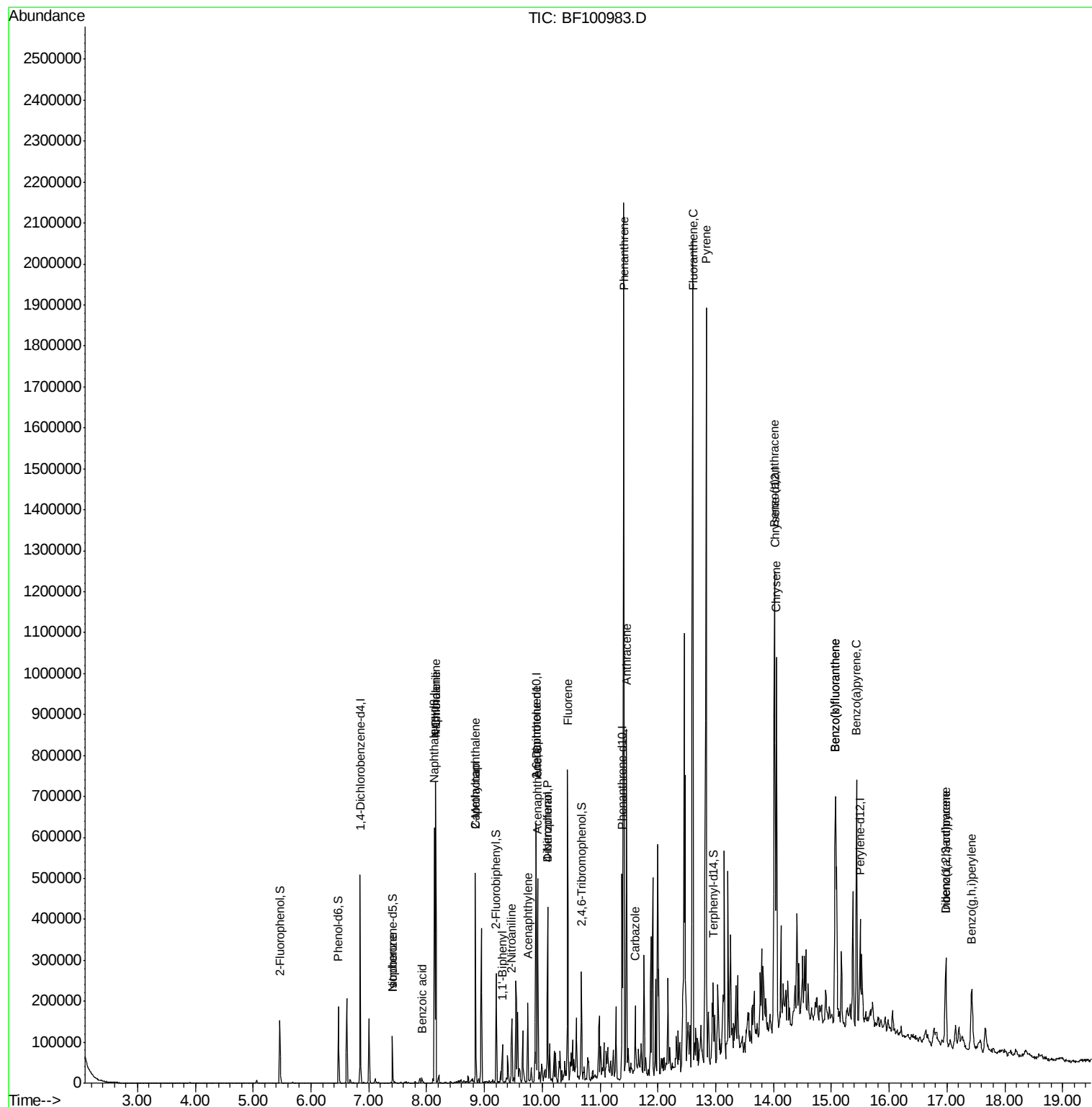
						Qvalue
25) Isophorone	7.41	82	31217	3.557	ng	# 64
31) Naphthalene	8.16	128	273140	20.539	ng	99
32) Benzoic acid	7.92	122	280	9.446	ng	# 36
33) 4-Chloroaniline	8.16	127	35614	6.434	ng	# 32
35) Caprolactam	8.85	113	2647	2.054	ng	# 1
37) 2-Methylnaphthalene	8.85	142	129012	14.612	ng	99
45) 1,1'-Biphenyl	9.31	154	26928	2.593	ng	94
47) 2-Nitroaniline	9.47	65	738	3.096	ng	# 2
48) Acenaphthylene	9.75	152	59125	4.736	ng	97
50) 2,6-Dinitrotoluene	9.89	165	19120	10.538	ng	# 25
51) Acenaphthene	9.92	154	89630	11.806	ng	99
54) Dibenzofuran	10.09	168	144222	13.554	ng	# 97
55) 4-Nitrophenol	10.09	139	52443	30.146	ng	# 10
57) Fluorene	10.44	166	196772	25.243	ng	97
70) Phenanthrene	11.41	178	860186	86.268	ng	99
71) Anthracene	11.46	178	297045	29.363	ng	99
72) Carbazole	11.61	167	58640	6.282	ng	98
74) Fluoranthene	12.60	202	889431	84.167	ng	96
77) Pyrene	12.83	202	814852	82.139	ng	99
80) Benzo(a)anthracene	14.02	228	460256	54.919	ng	98
82) Chrysene	14.05	228	347383	42.805	ng	97
85) Indeno(1,2,3-cd)pyrene	16.98	276	136526	20.798	ng	# 89
87) Benzo(b)fluoranthene	15.07	252	492234	73.623	ng	97
88) Benzo(k)fluoranthene	15.07	252	492234	77.920	ng	98
89) Benzo(a)pyrene	15.44	252	274350	46.286	ng	96
90) Dibenzo(a,h)anthracene	16.99	278	35234	7.269	ng	# 90
91) Benzo(g,h,i)perylene	17.43	276	125352	26.417	ng	# 91

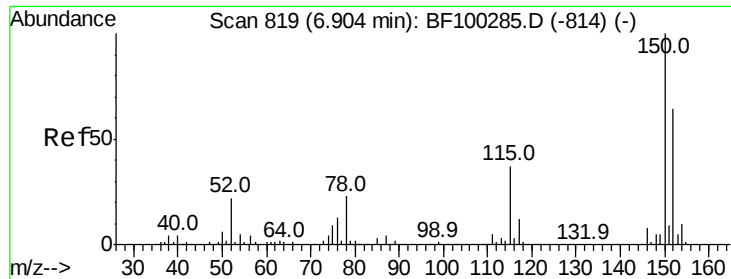
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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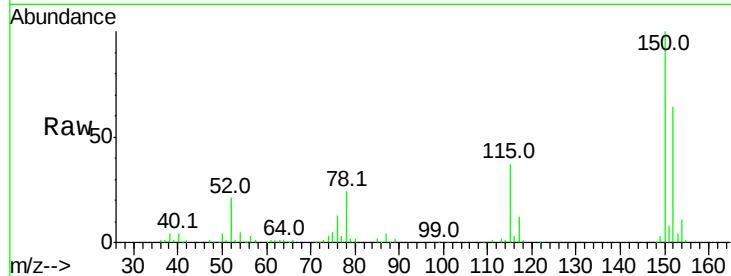


#1

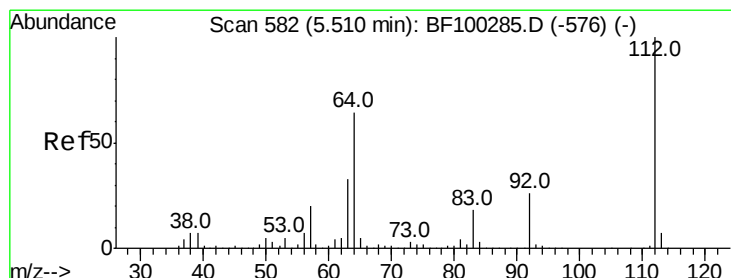
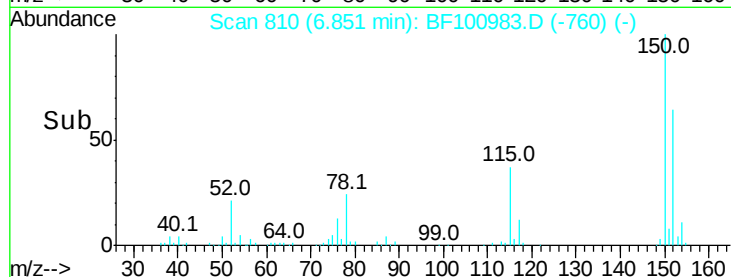
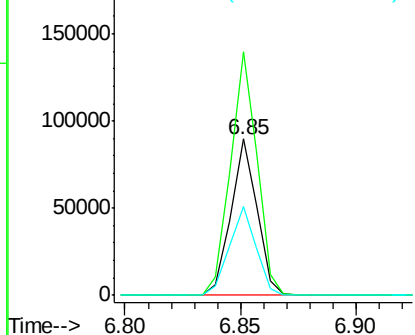
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF100983.D
Acq: 29 Nov 2017 17:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 70359
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 57.3 50.1 75.1



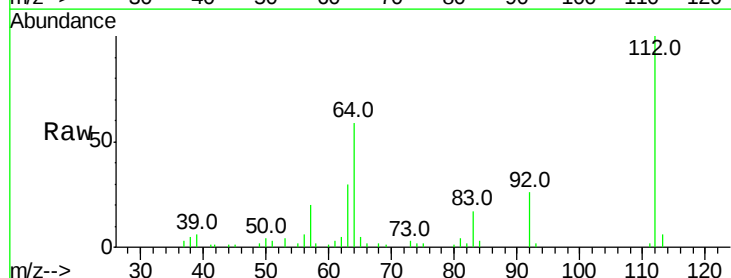
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



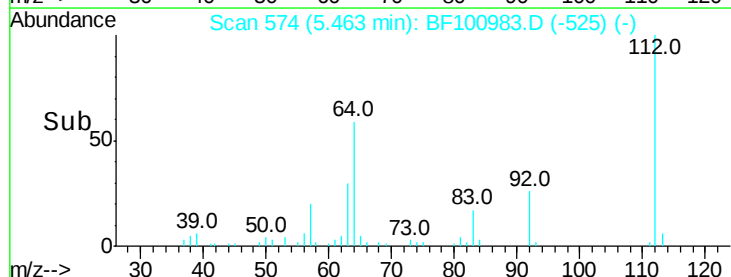
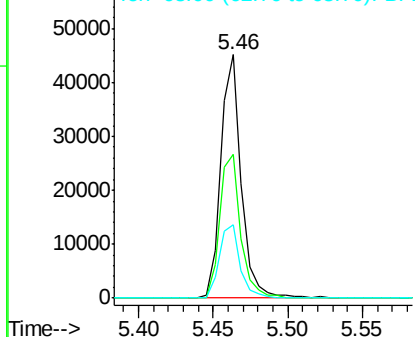
#5

2-Fluorophenol
Concen: 9.967 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF100983.D
Acq: 29 Nov 2017 17:38

Tgt Ion:112 Resp: 43749
Ion Ratio Lower Upper
112 100
64 59.3 47.9 71.9
63 30.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 10.016 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF100983.D

Acq: 29 Nov 2017 17:38

Instrument :

BNA_F

ClientSampleId :

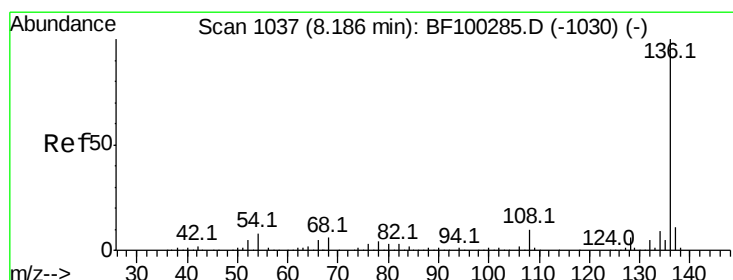
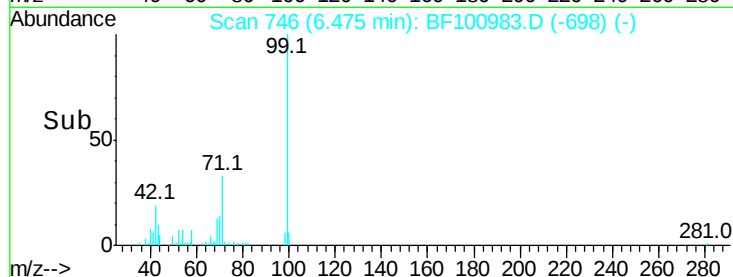
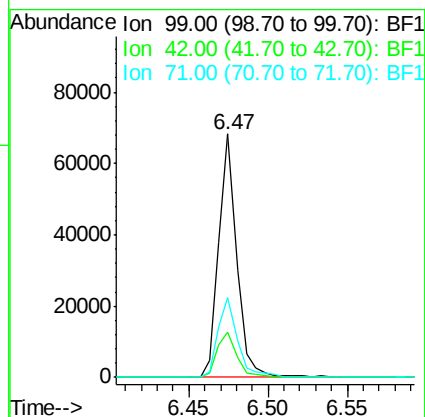
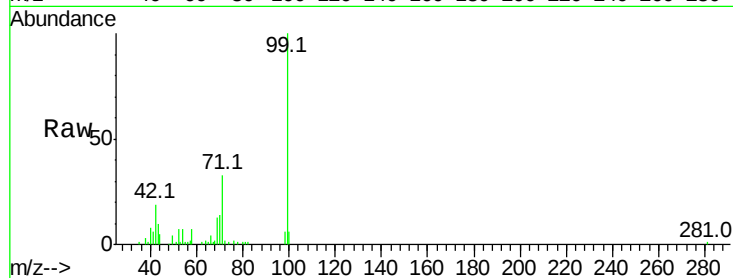
Tot Ion: 99 Resp: 54210

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

71 32.6 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF100983.D

Acq: 29 Nov 2017 17:38

Tgt Ion: 136 Resp: 276101

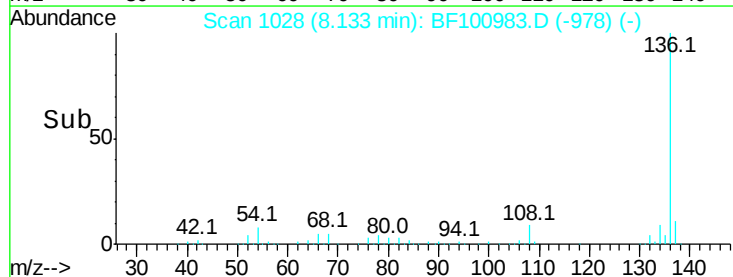
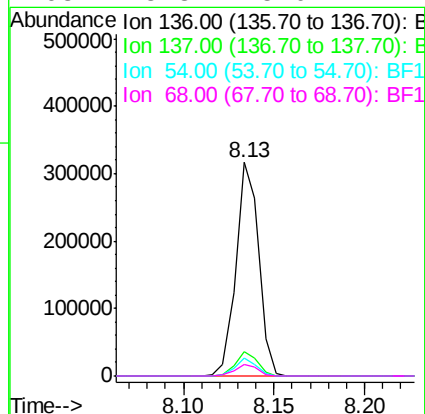
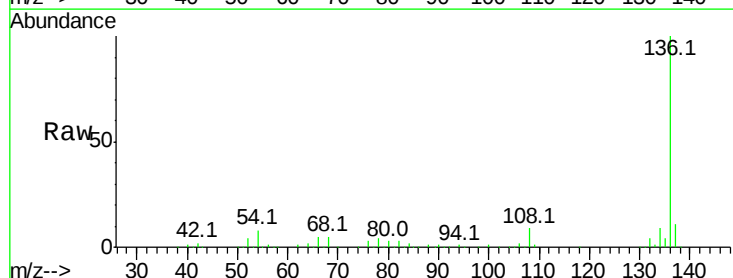
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 8.2 6.6 9.8

68 5.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 7.475 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF100983.D

Acq: 29 Nov 2017 17:38

Instrument :

BNA_F

ClientSampleId :

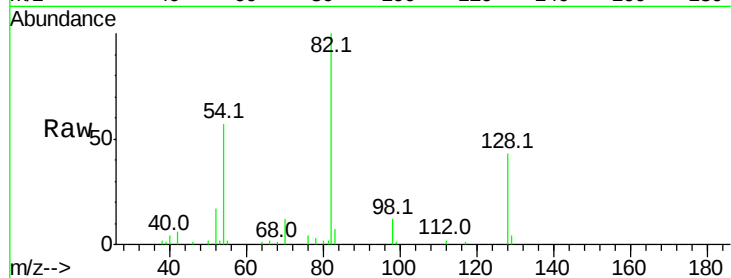
Tot Ion: 82 Resp: 31217

Ion Ratio Lower Upper

82 100

128 43.4 36.1 54.1

54 56.6 41.4 62.2



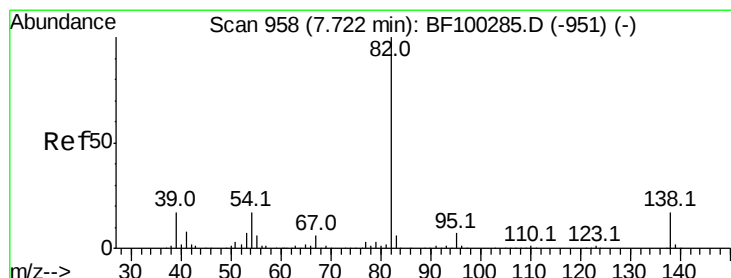
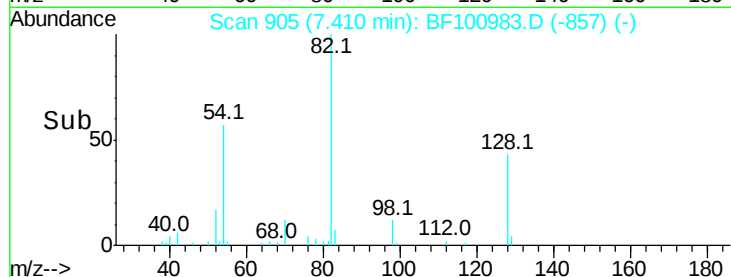
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

7.41

Time-->



#25

Isophorone

Concen: 3.557 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.27 min

Lab File: BF100983.D

Acq: 29 Nov 2017 17:38

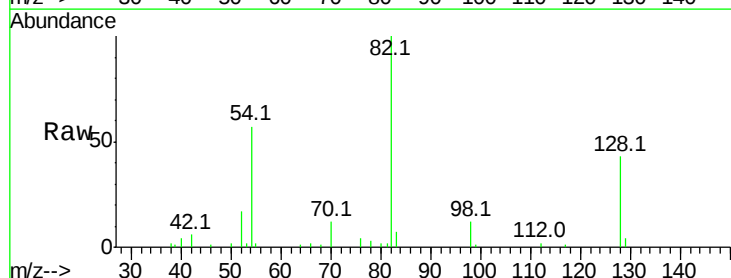
Tgt Ion: 82 Resp: 31217

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



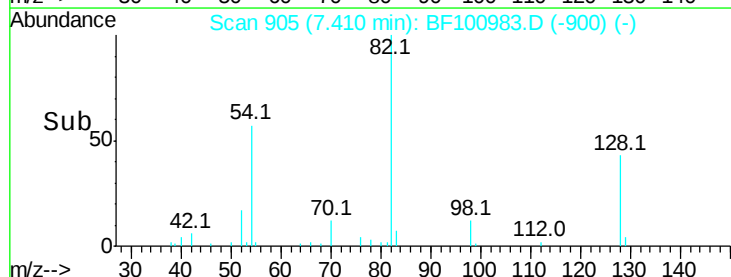
Abundance Ion 82.00 (81.70 to 82.70): BF1

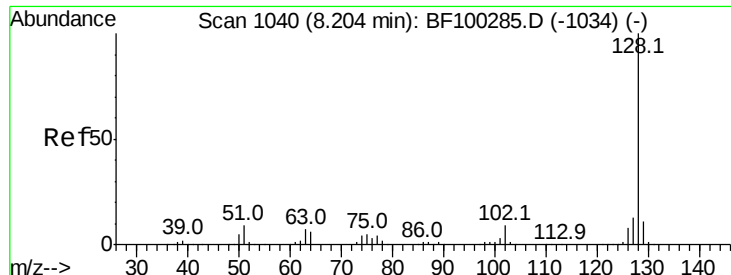
Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

7.41

Time-->

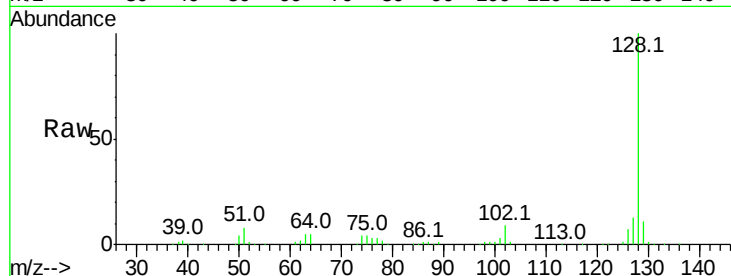




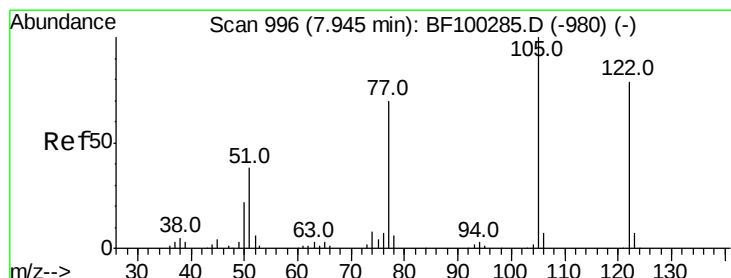
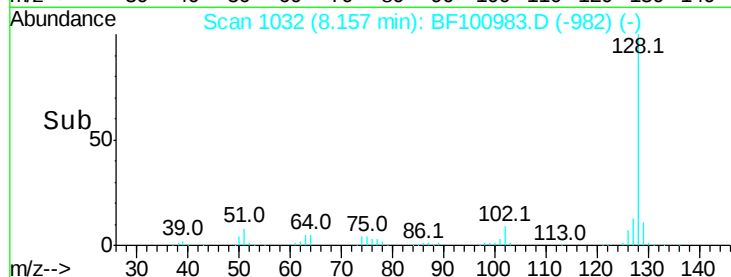
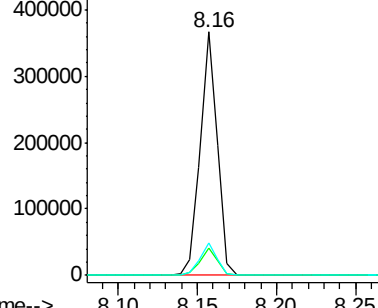
#31
Naphthalene
Concen: 20.539 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF100983.D
Acq: 29 Nov 2017 17:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 273140
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.3 10.9 16.3

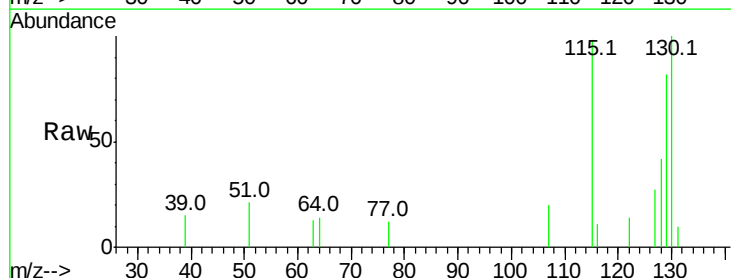


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

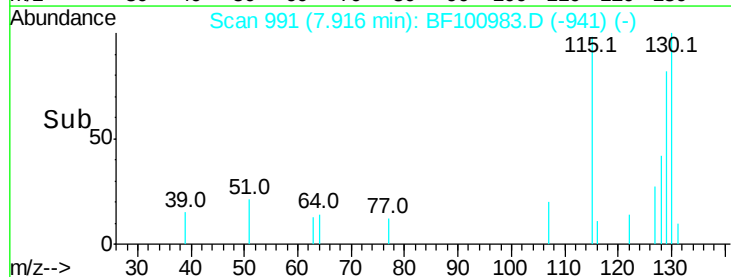
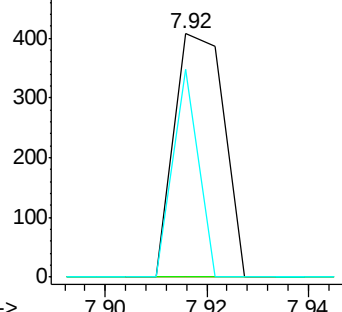


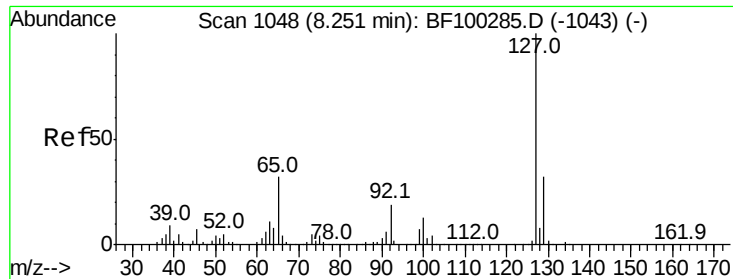
#32
Benzoic acid
Concen: 9.446 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF100983.D
Acq: 29 Nov 2017 17:38

Tgt Ion:122 Resp: 280
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 85.3 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

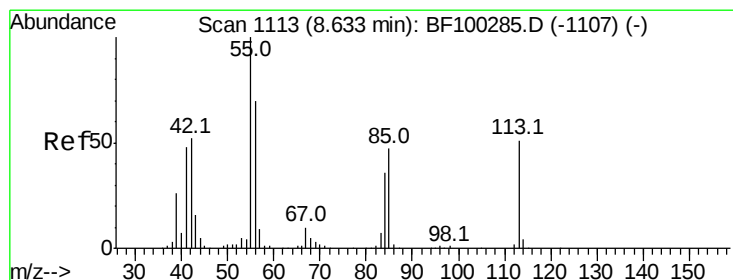
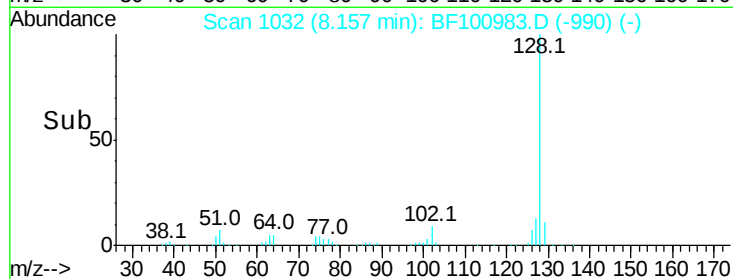
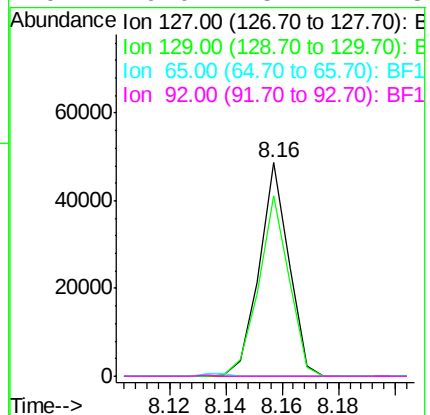
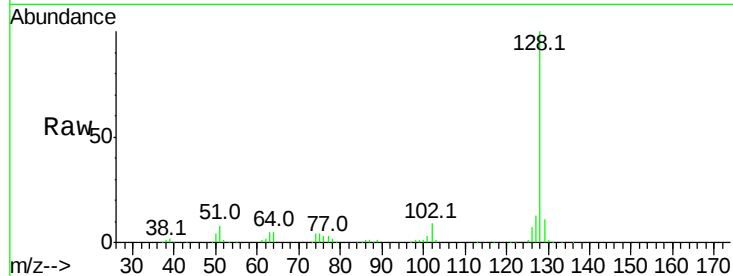




#33
4-Chloroaniline
Concen: 6.434 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF100983.D
Acq: 29 Nov 2017 17:38

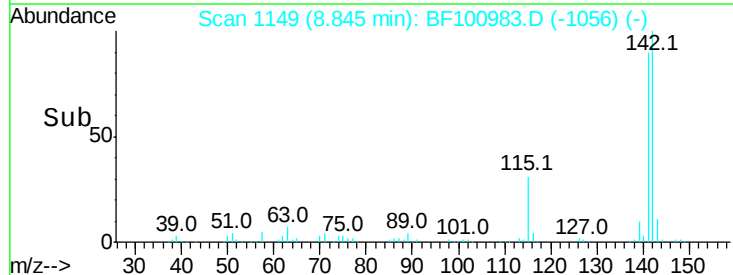
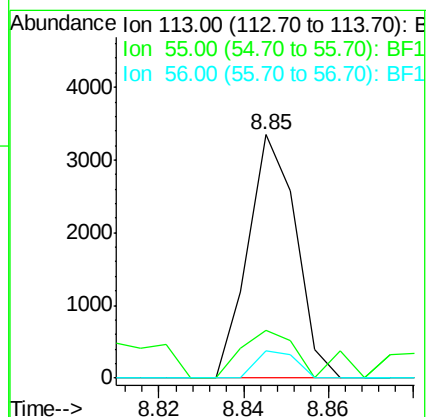
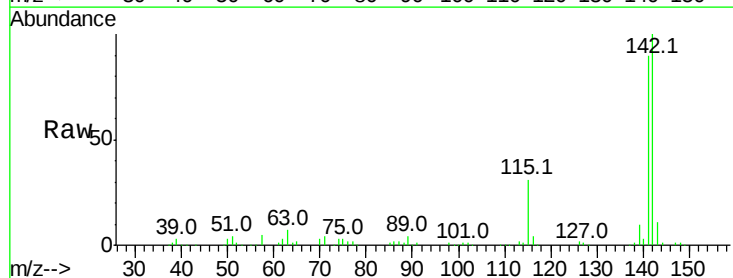
Instrument :
BNA_F
ClientSampleId :

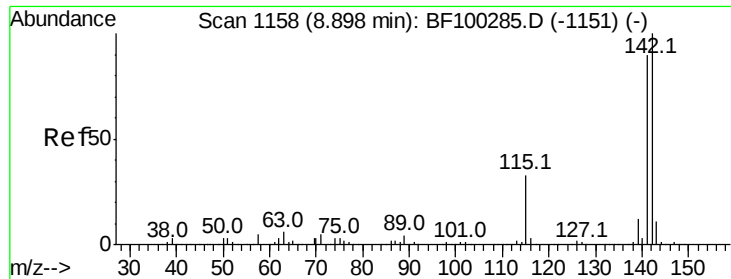
Tot Ion:127 Resp: 35614
Ion Ratio Lower Upper
127 100
129 84.7 25.9 38.9#
65 0.0 25.0 37.4#
92 0.0 15.2 22.8#



#35
Caprolactam
Concen: 2.054 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.25 min
Lab File: BF100983.D
Acq: 29 Nov 2017 17:38

Tgt Ion:113 Resp: 2647
Ion Ratio Lower Upper
113 100
55 19.6 163.3 203.3#
56 11.3 115.7 155.7#

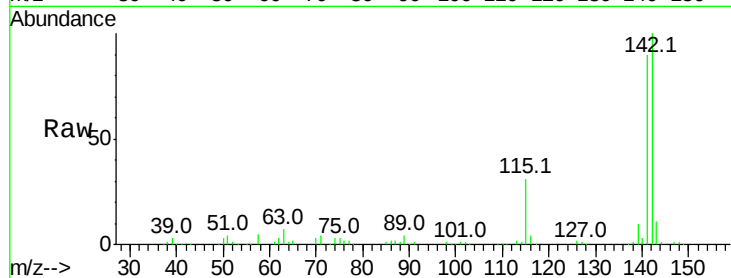




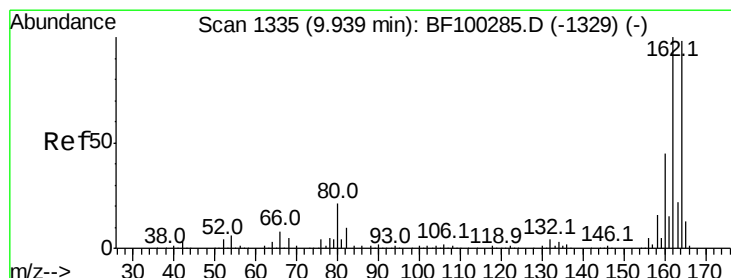
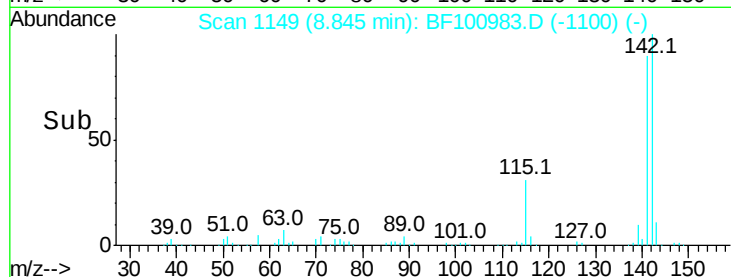
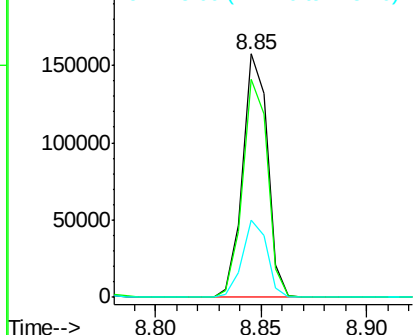
#37
2-Methylnaphthalene
Concen: 14.612 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF100983.D
Acq: 29 Nov 2017 17:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 129012
Ion Ratio Lower Upper
142 100
141 89.6 70.8 106.2
115 31.5 26.1 39.1

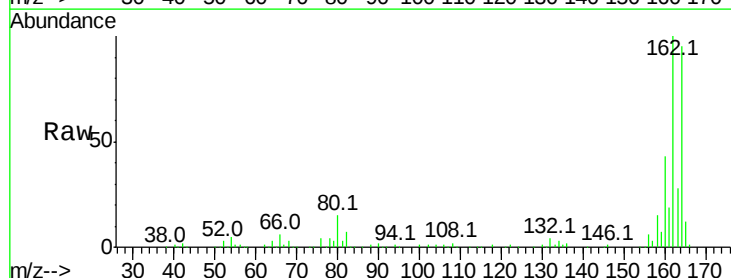


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

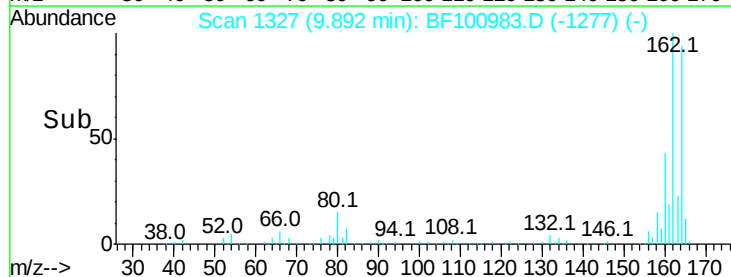
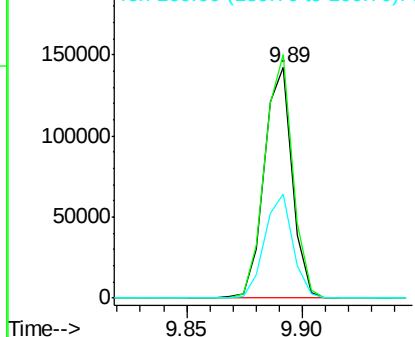


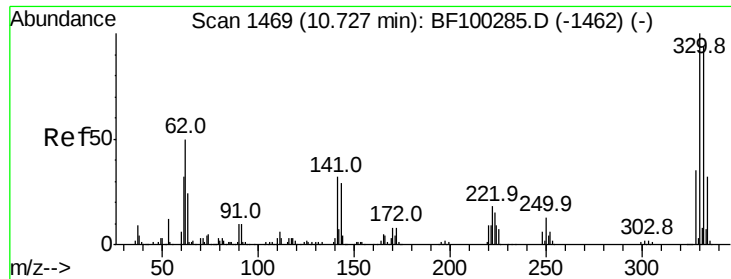
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100983.D
Acq: 29 Nov 2017 17:38

Tgt Ion:164 Resp: 120049
Ion Ratio Lower Upper
164 100
162 105.6 86.1 129.1
160 45.3 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

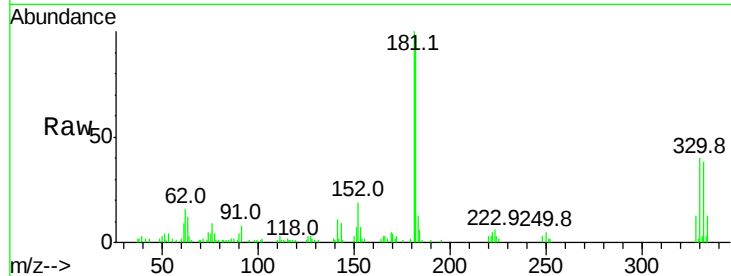




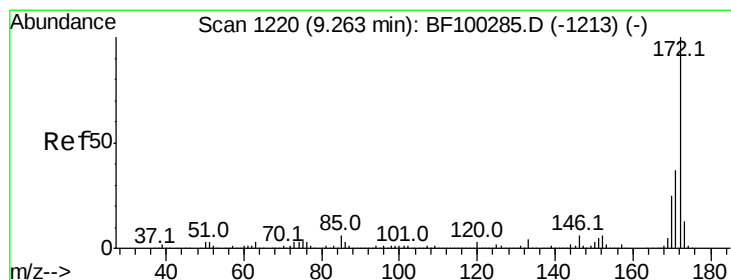
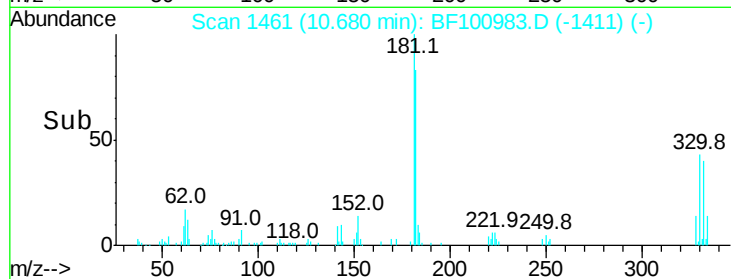
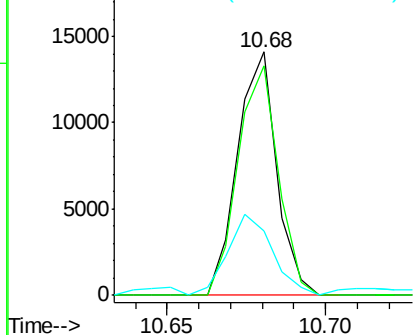
#41
 2,4,6-Tribromophenol
 Concen: 9.848 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF100983.D
 Acq: 29 Nov 2017 17:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	37.8	29.9	44.9

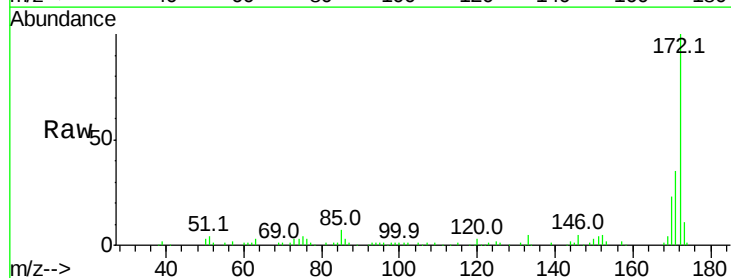


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

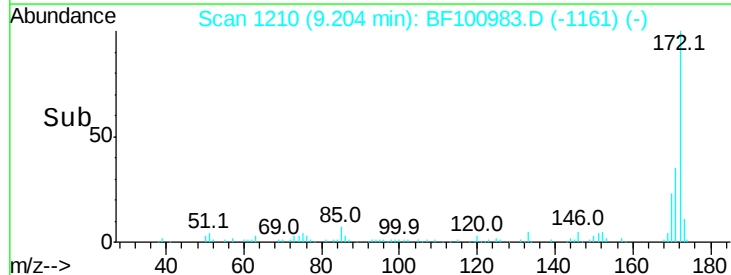
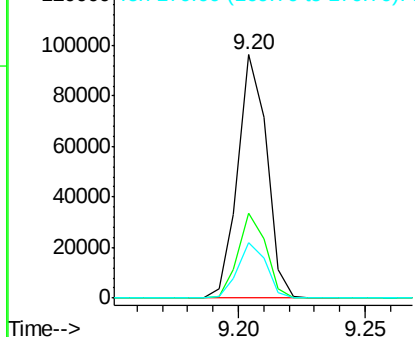


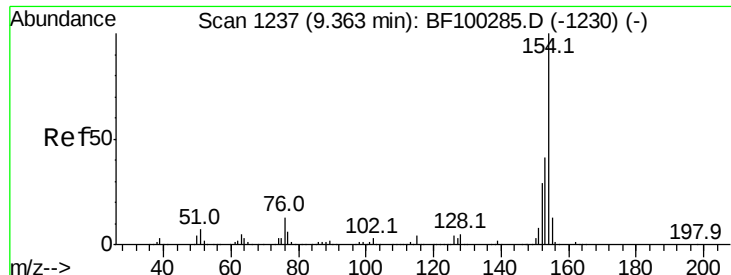
#44
 2-Fluorobiphenyl
 Concen: 9.748 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF100983.D
 Acq: 29 Nov 2017 17:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.7	44.5
170	22.7	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: 2.593 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF100983.D

Acq: 29 Nov 2017 17:38

Instrument :

BNA_F

ClientSampleId :

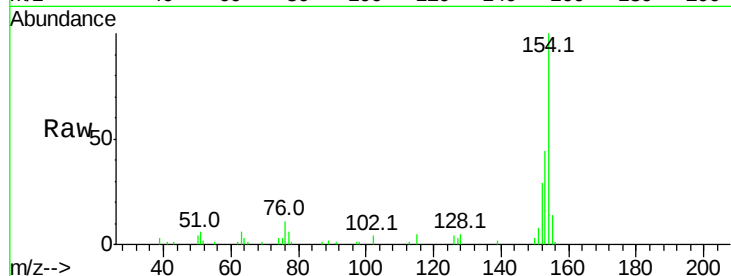
Tot Ion:154 Resp: 26928

Ion Ratio Lower Upper

154 100

153 44.4 21.3 61.3

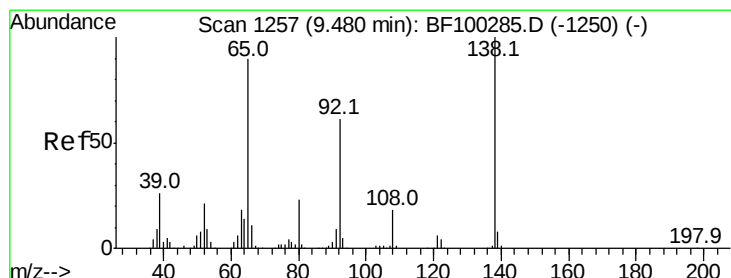
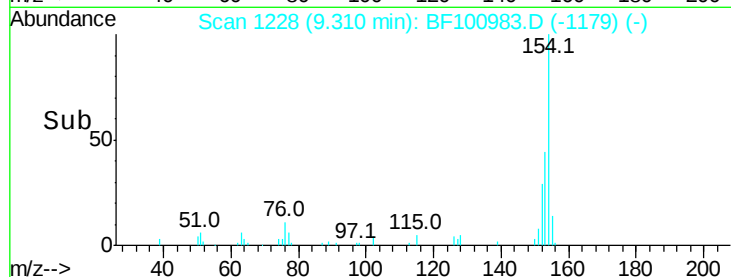
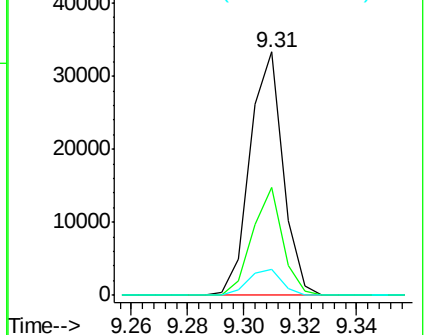
76 10.6 0.0 34.0



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



#47

2-Nitroaniline

Concen: 3.096 ng

RT: 9.47 min Scan# 1256

Delta R.T. 0.04 min

Lab File: BF100983.D

Acq: 29 Nov 2017 17:38

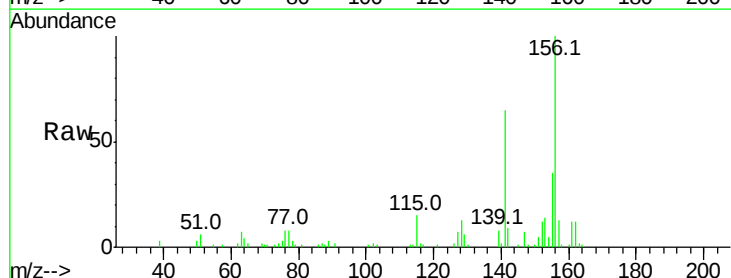
Tgt Ion: 65 Resp: 738

Ion Ratio Lower Upper

65 100

92 0.0 55.8 83.6#

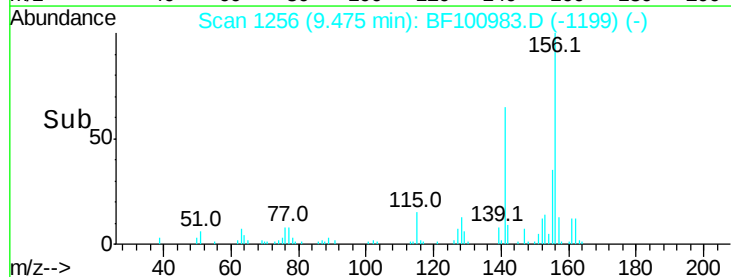
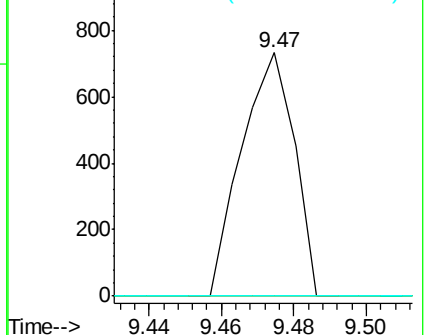
138 0.0 91.2 136.8#

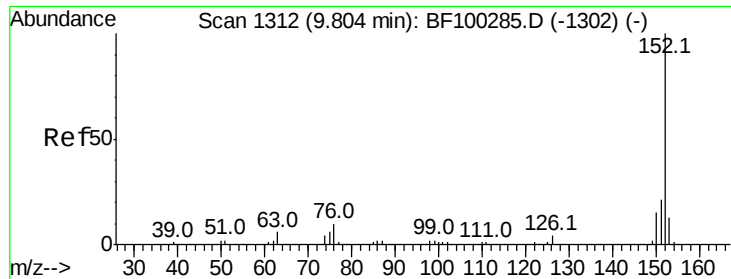


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 4.736 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF100983.D

Acq: 29 Nov 2017 17:38

Instrument :

BNA_F

ClientSampleId :

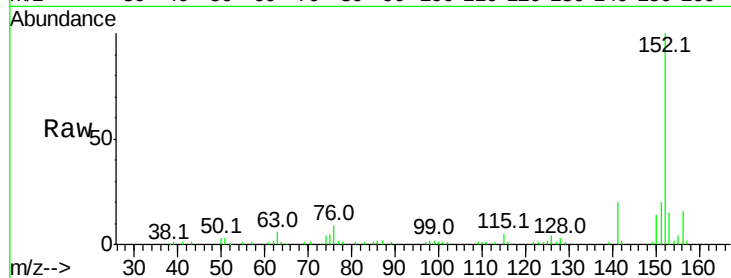
Tot Ion:152 Resp: 59125

Ion Ratio Lower Upper

152 100

151 19.7 16.3 24.5

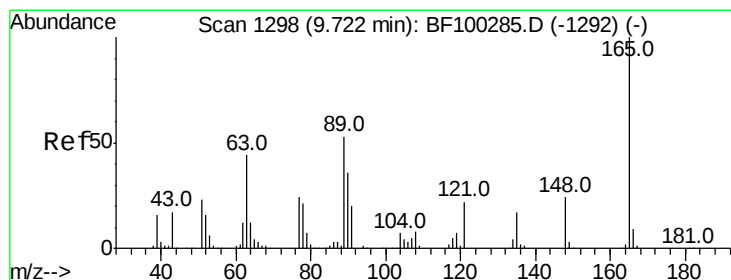
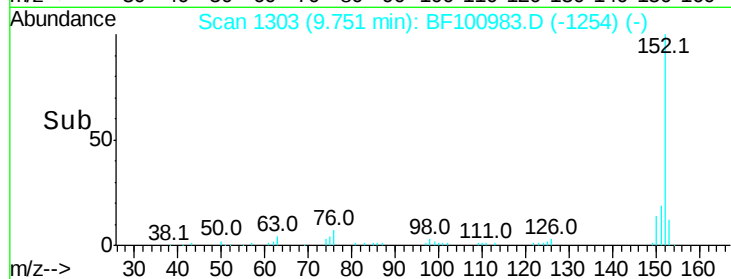
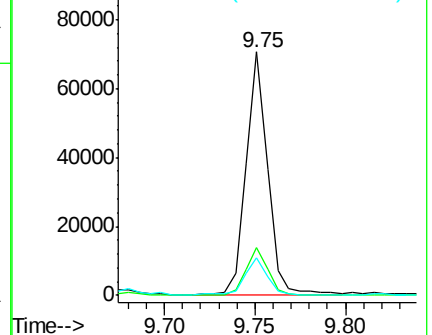
153 15.4 10.7 16.1



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



#50

2,6-Dinitrotoluene

Concen: 10.538 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.21 min

Lab File: BF100983.D

Acq: 29 Nov 2017 17:38

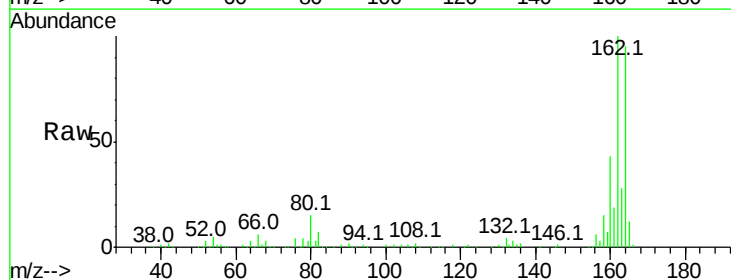
Tgt Ion:165 Resp: 19120

Ion Ratio Lower Upper

165 100

63 2.0 44.7 67.1#

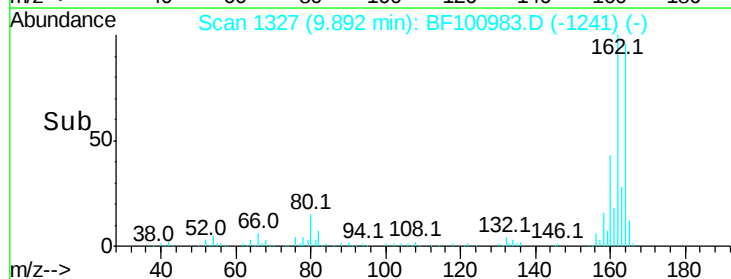
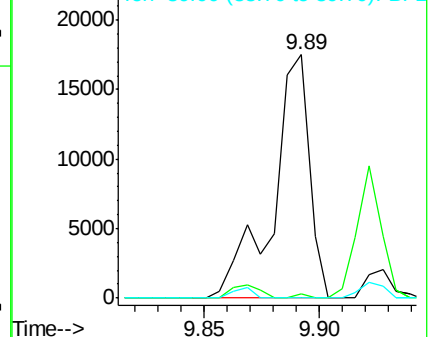
89 0.0 44.0 66.0#

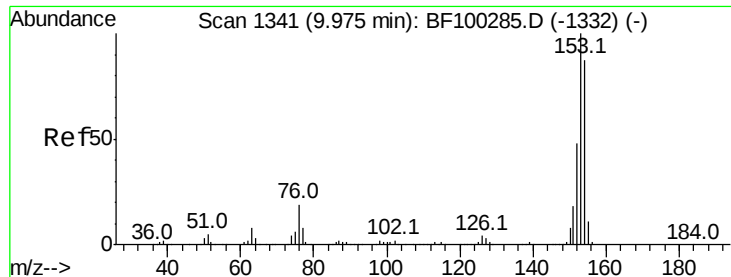


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 11.806 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF100983.D

Acq: 29 Nov 2017 17:38

Instrument :

BNA_F

ClientSampleId :

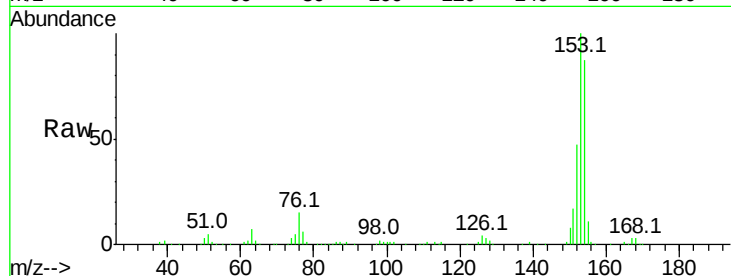
Tot Ion:154 Resp: 89630

Ion Ratio Lower Upper

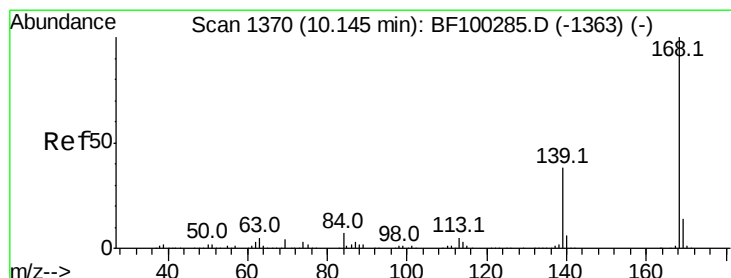
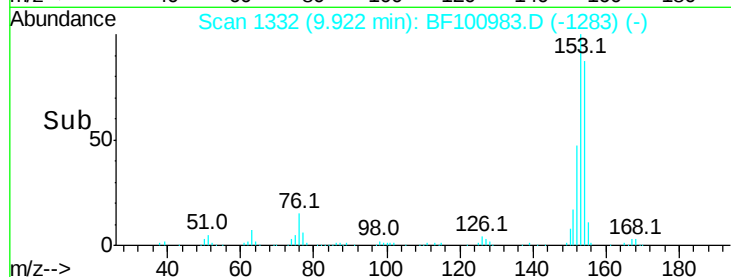
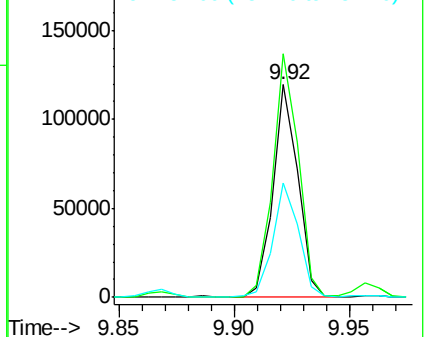
154 100

153 114.5 91.2 136.8

152 54.0 43.8 65.8



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



#54

Dibenzofuran

Concen: 13.554 ng

RT: 10.09 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BF100983.D

Acq: 29 Nov 2017 17:38

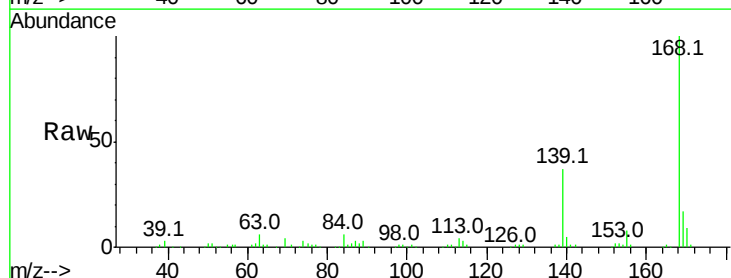
Tgt Ion:168 Resp: 144222

Ion Ratio Lower Upper

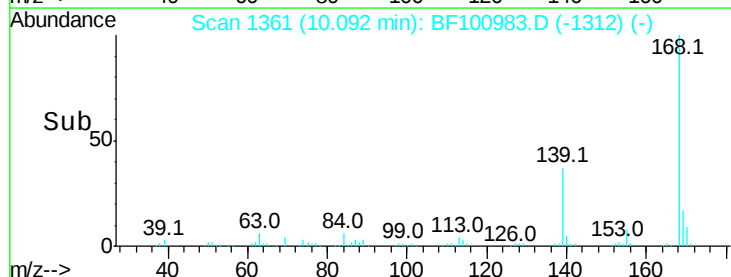
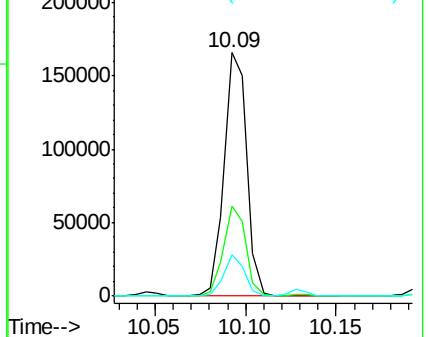
168 100

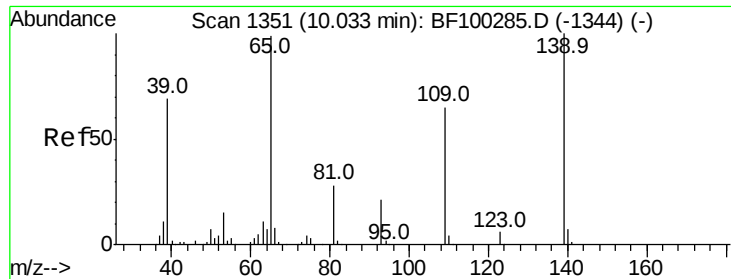
139 37.0 30.1 45.1

169 16.9 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: 30.146 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.08 min

Lab File: BF100983.D

Acq: 29 Nov 2017 17:38

Instrument :

BNA_F

ClientSampleId :

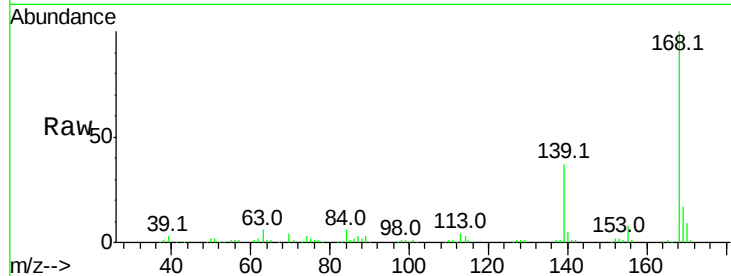
Tot Ion:139 Resp: 52443

Ion Ratio Lower Upper

139 100

109 1.2 48.4 88.4#

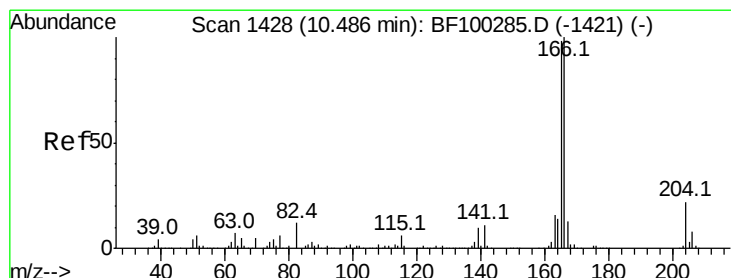
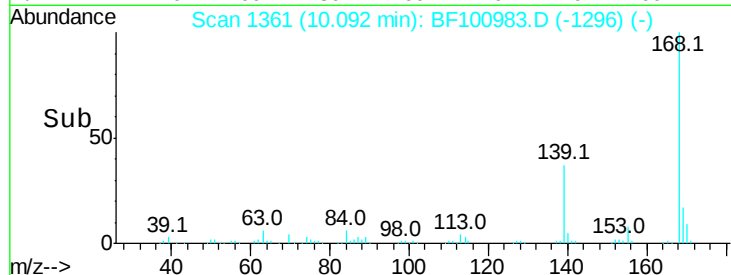
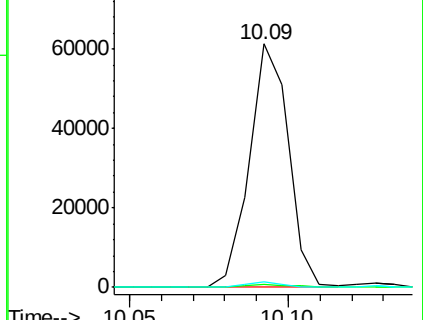
65 2.1 72.6 112.6#



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: 25.243 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF100983.D

Acq: 29 Nov 2017 17:38

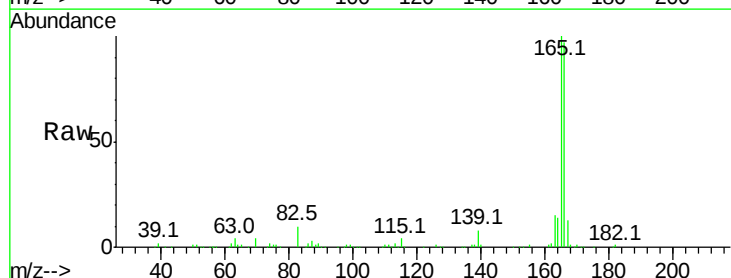
Tgt Ion:166 Resp: 196772

Ion Ratio Lower Upper

166 100

165 102.9 79.8 119.8

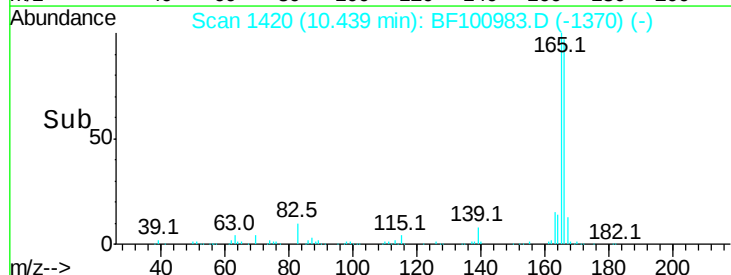
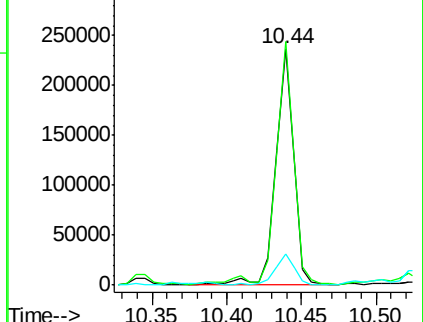
167 13.3 10.6 16.0

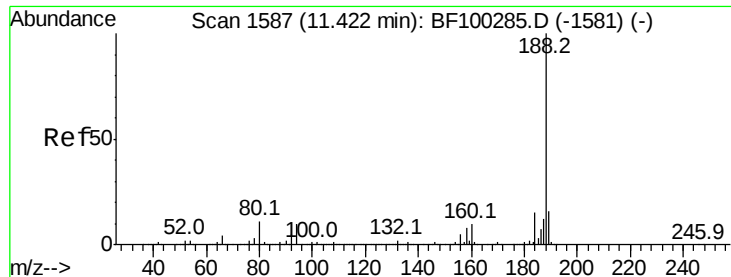


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BF100983.D

Acq: 29 Nov 2017 17:38

Instrument :

BNA_F

ClientSampled :

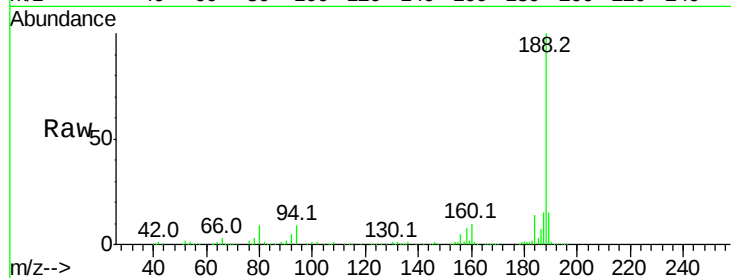
Tot Ion:188 Resp: 189380

Ion Ratio Lower Upper

188 100

94 8.7 8.5 12.7

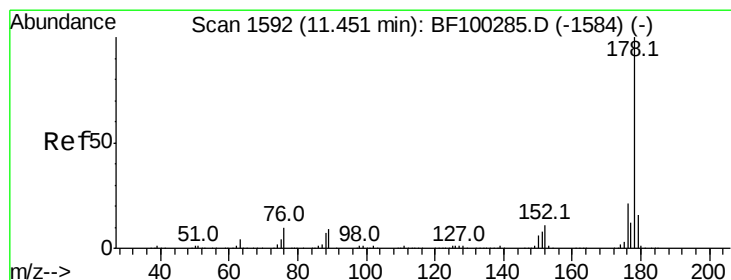
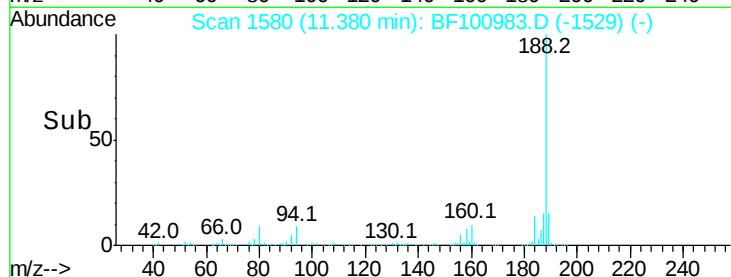
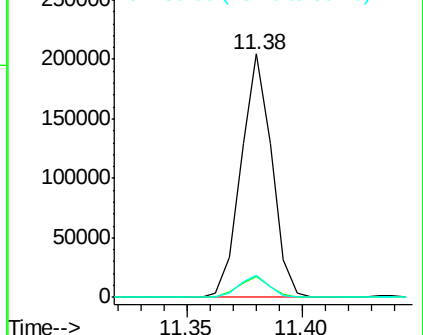
80 8.9 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#70

Phenanthrene

Concen: 86.268 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF100983.D

Acq: 29 Nov 2017 17:38

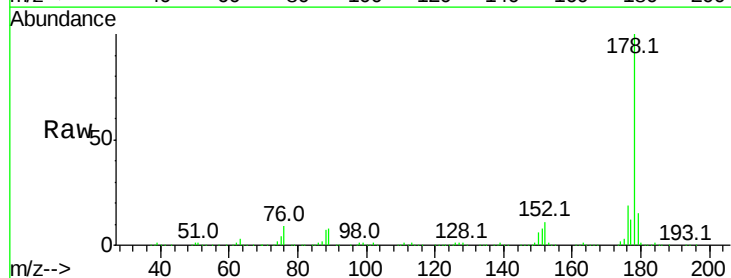
Tgt Ion:178 Resp: 860186

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

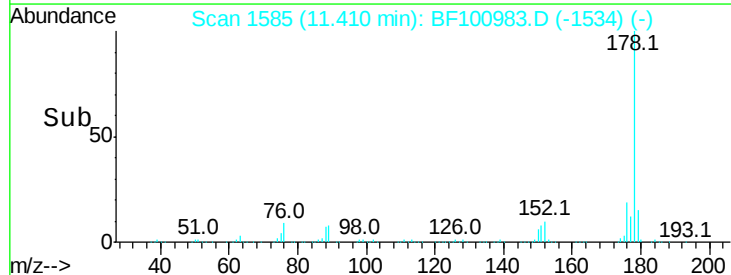
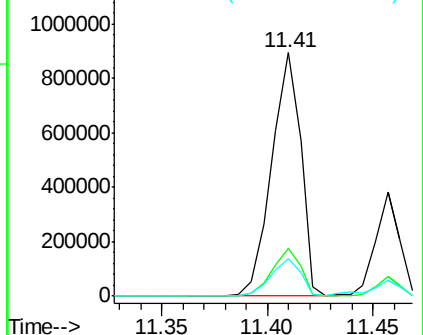
179 15.5 13.0 19.6

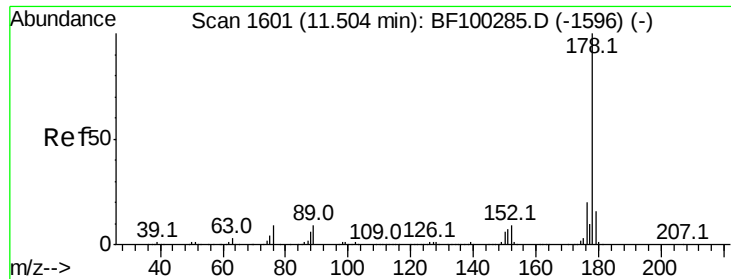


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

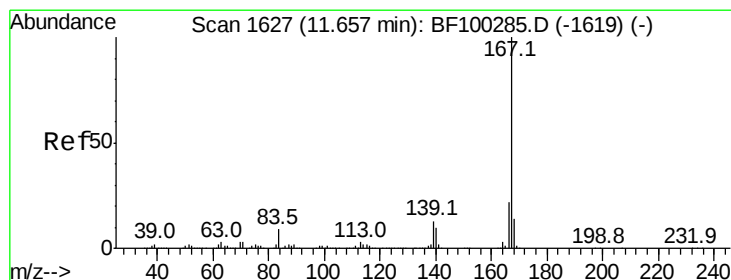
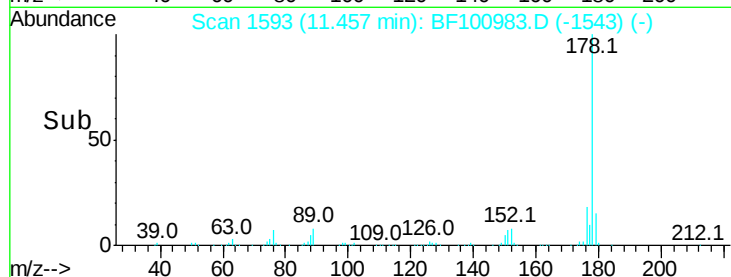
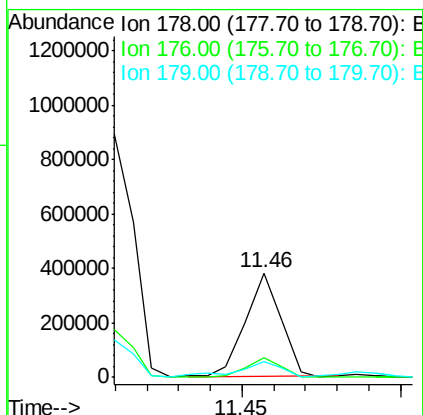
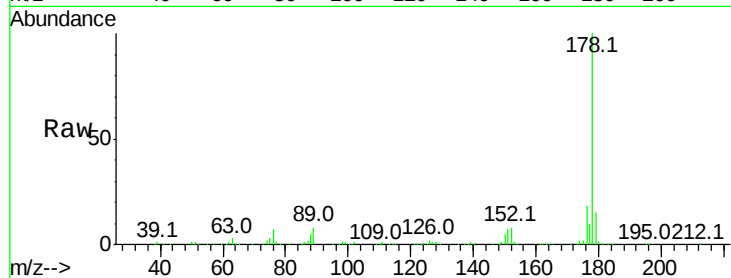




#71
 Anthracene
 Concen: 29.363 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BF100983.D
 Acq: 29 Nov 2017 17:38

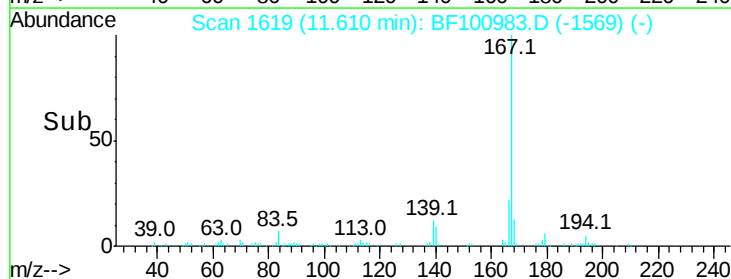
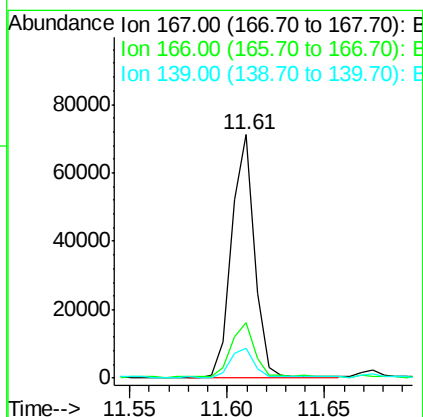
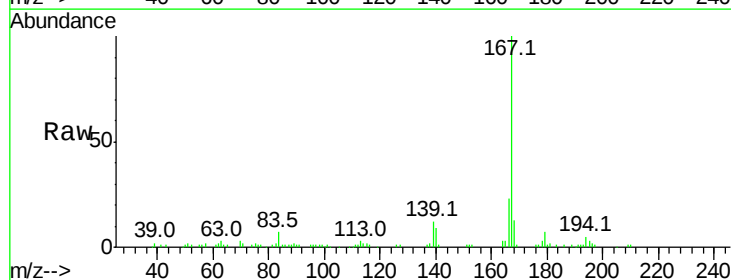
Instrument :
 BNA_F
 ClientSampleId :

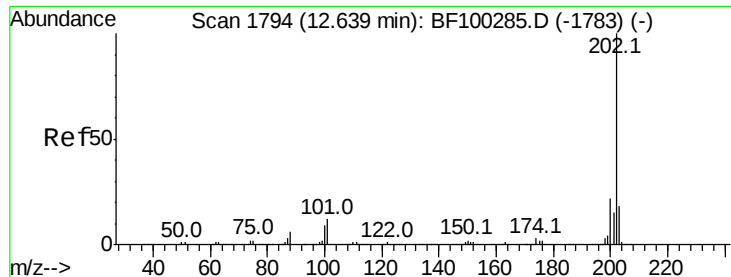
Tot Ion:178 Resp: 297045
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 6.282 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF100983.D
 Acq: 29 Nov 2017 17:38

Tgt Ion:167 Resp: 58640
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.6 26.4
 139 12.3 10.9 16.3





#74

Fluoranthene

Concen: 84.167 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF100983.D

Acq: 29 Nov 2017 17:38

Instrument :

BNA_F

ClientSampleId :

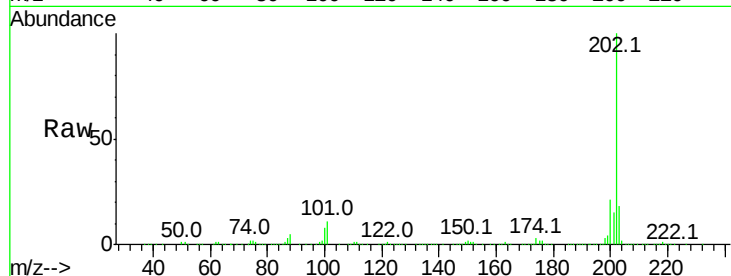
Tot Ion:202 Resp: 889431

Ion Ratio Lower Upper

202 100

101 10.5 0.0 34.1

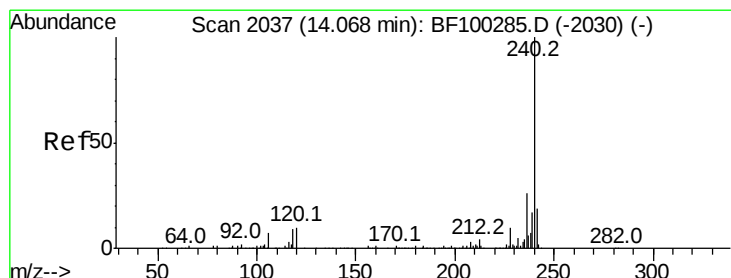
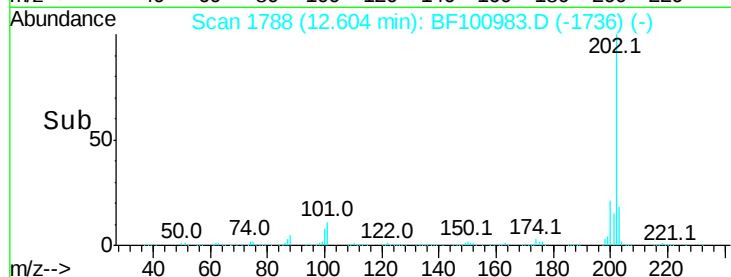
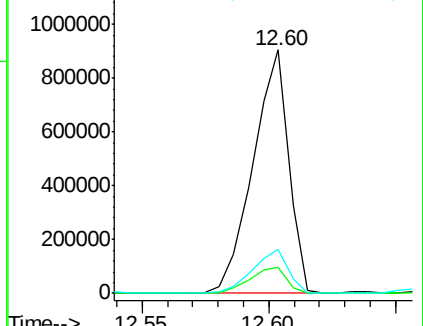
203 17.8 0.0 38.1



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# 2030

Delta R.T. -0.00 min

Lab File: BF100983.D

Acq: 29 Nov 2017 17:38

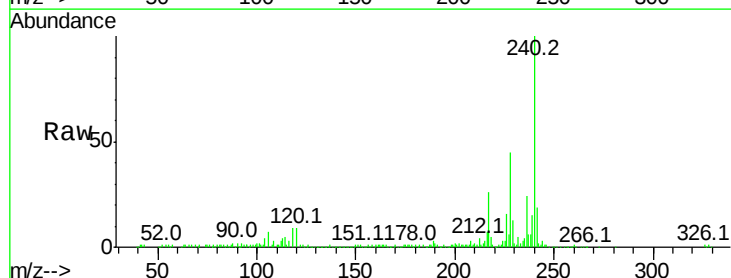
Tgt Ion:240 Resp: 139168

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

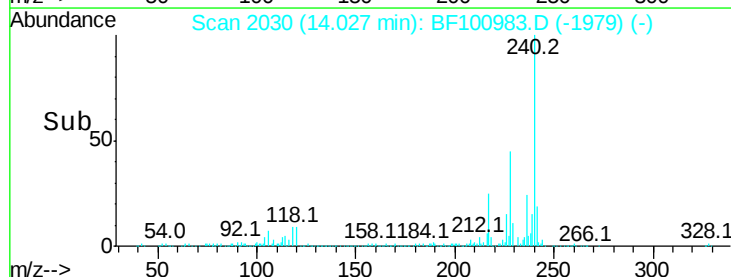
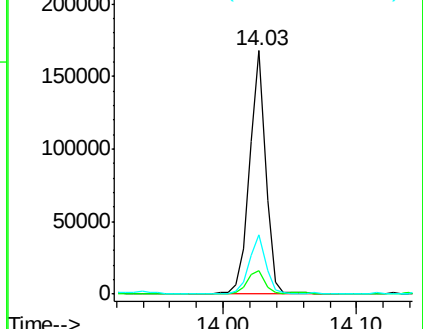
236 24.5 20.7 31.1

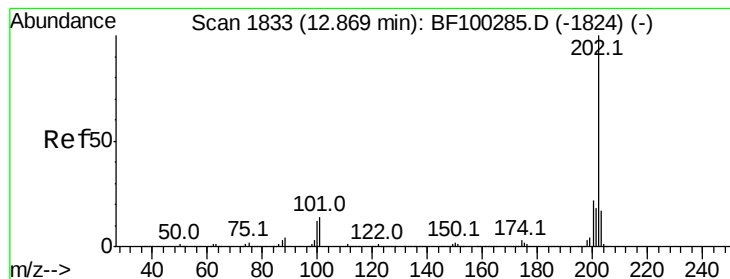


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 82.139 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF100983.D

Acq: 29 Nov 2017 17:38

Instrument :

BNA_F

ClientSampled :

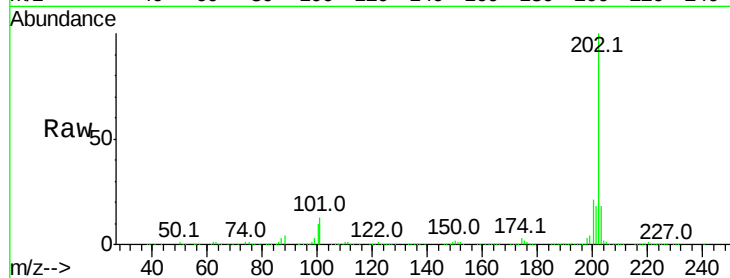
Tot Ion:202 Resp: 814852

Ion Ratio Lower Upper

202 100

200 20.9 17.4 26.2

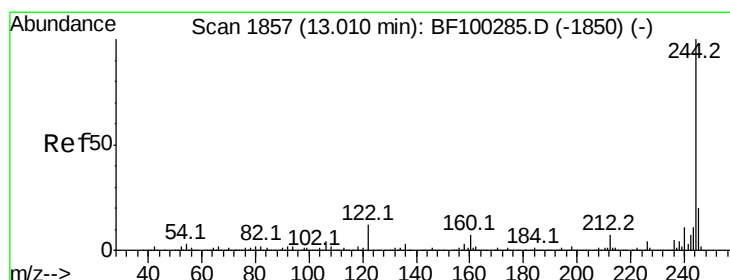
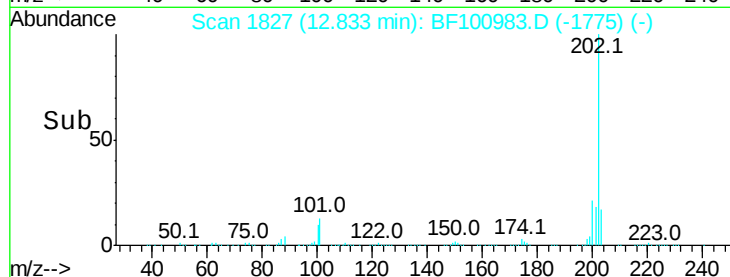
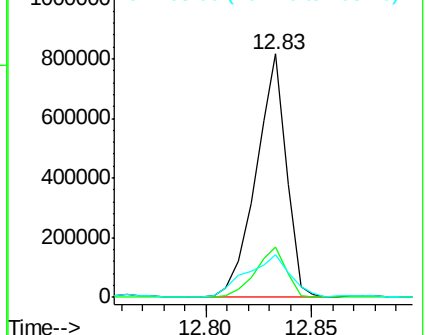
203 17.7 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 9.064 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF100983.D

Acq: 29 Nov 2017 17:38

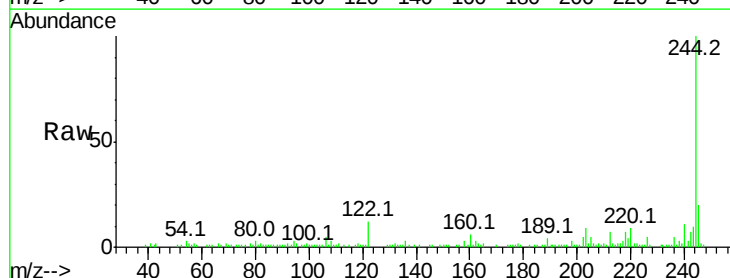
Tgt Ion:244 Resp: 54898

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

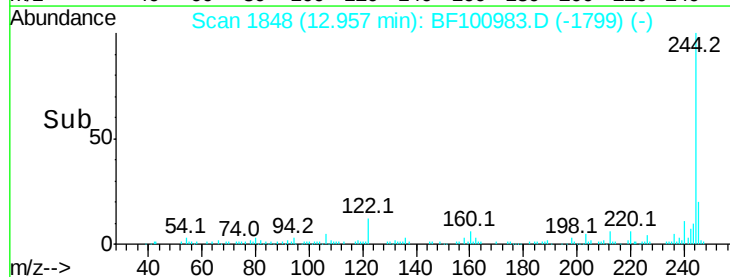
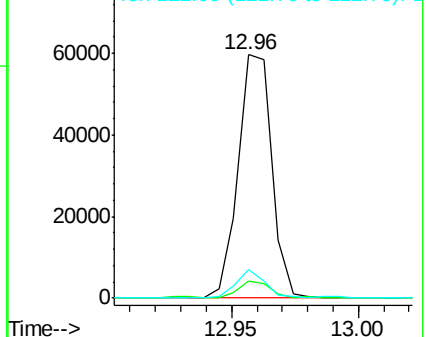
122 11.6 11.0 16.4

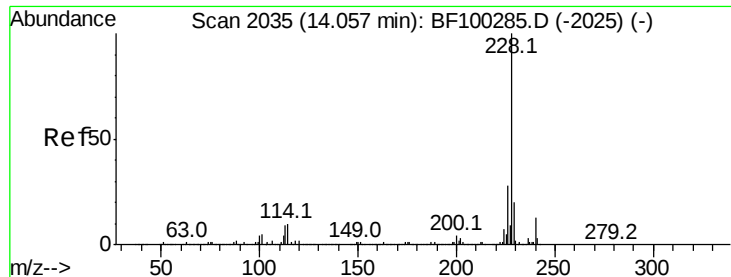


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

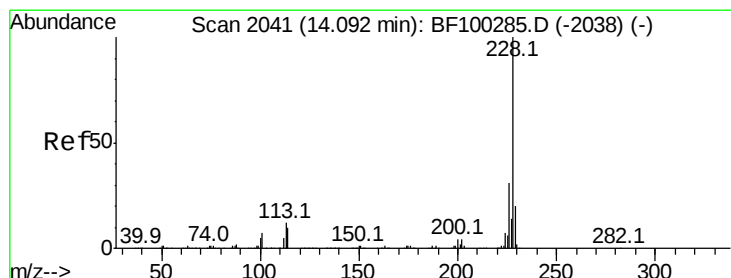
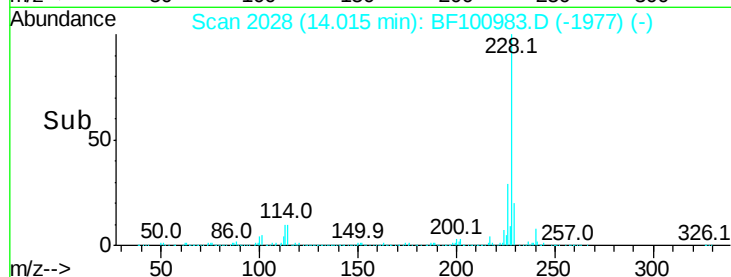
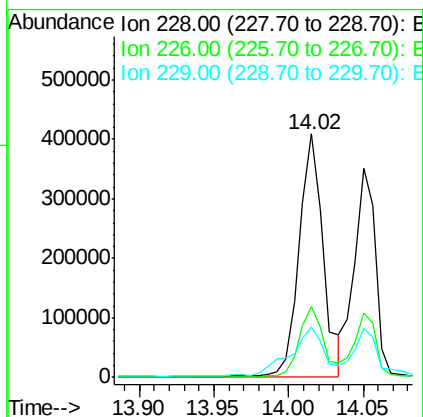
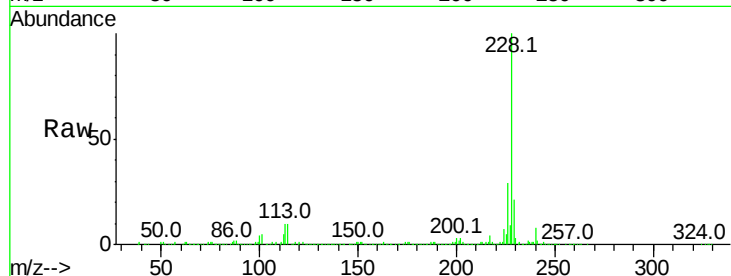




#80
Benzo(a)anthracene
Concen: 54.919 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF100983.D
Acq: 29 Nov 2017 17:38

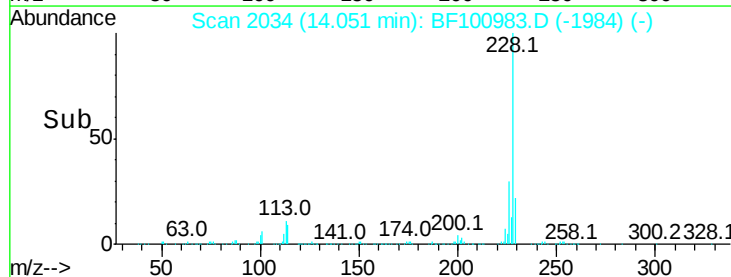
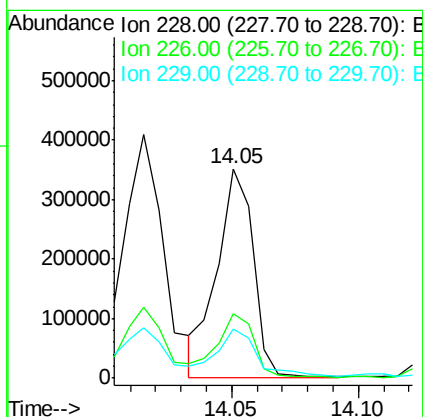
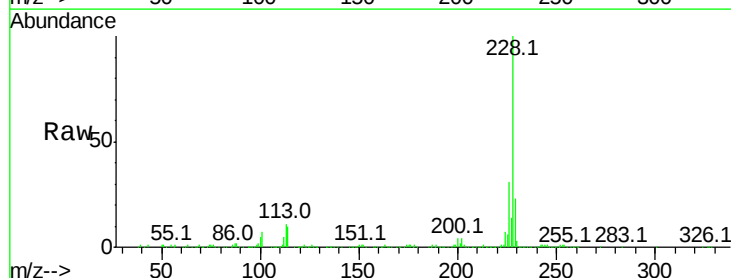
Instrument :
BNA_F
ClientSampled :

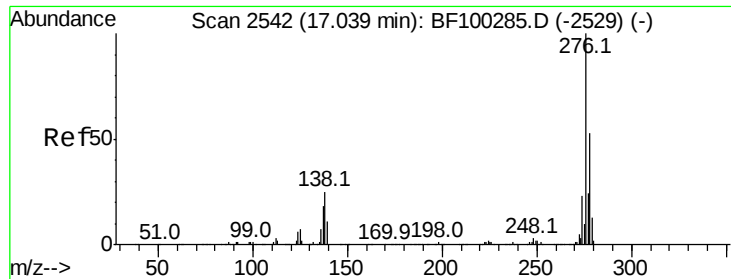
Tot Ion:228 Resp: 460256
Ion Ratio Lower Upper
228 100
226 29.2 22.6 33.8
229 20.6 15.8 23.6



#82
Chrysene
Concen: 42.805 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF100983.D
Acq: 29 Nov 2017 17:38

Tgt Ion:228 Resp: 347383
Ion Ratio Lower Upper
228 100
226 30.6 25.0 37.6
229 23.1 16.2 24.4

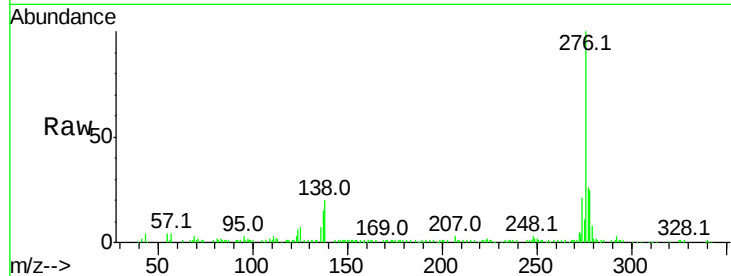




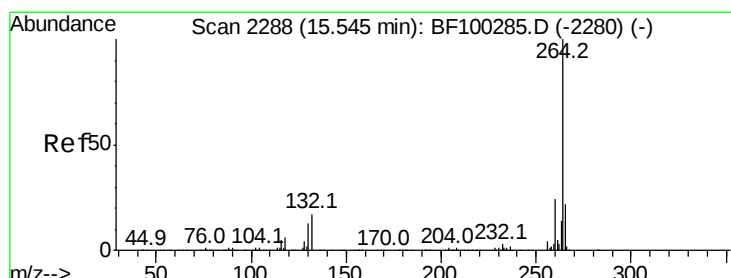
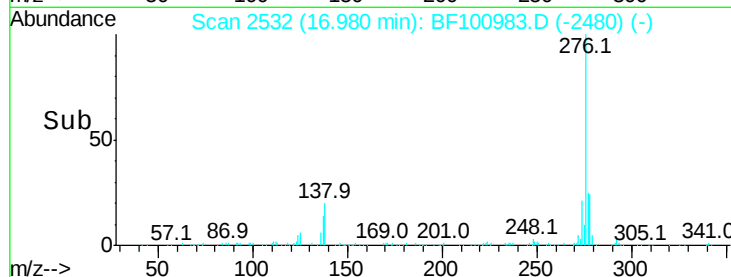
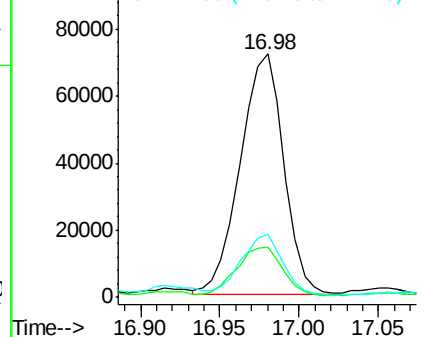
#85
Indeno(1,2,3-cd)pyrene
Concen: 20.798 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.01 min
Lab File: BF100983.D
Acq: 29 Nov 2017 17:38

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.1	25.0	37.6#
277	24.4	20.1	30.1

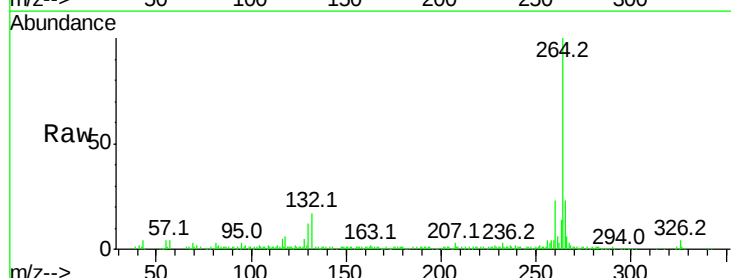


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

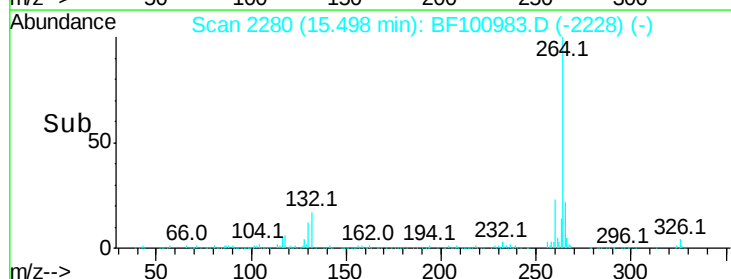
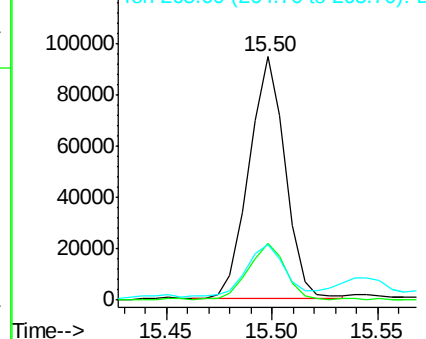


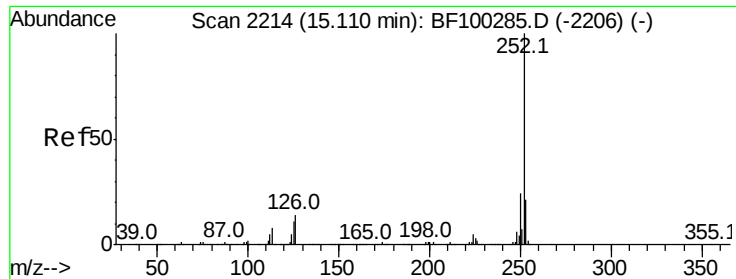
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF100983.D
Acq: 29 Nov 2017 17:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.8	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

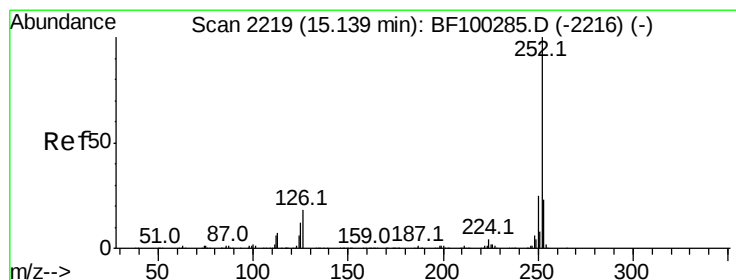
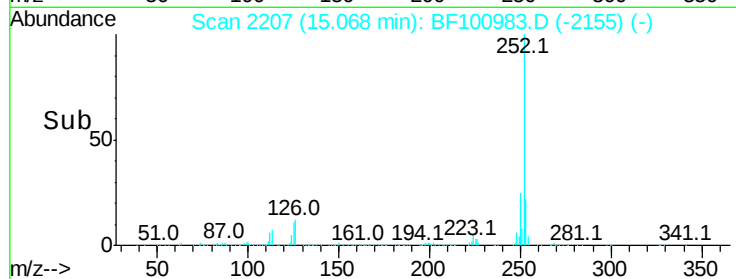
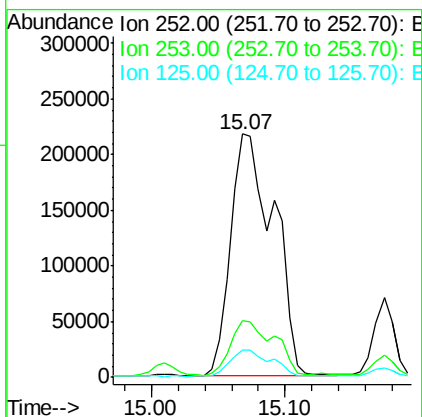
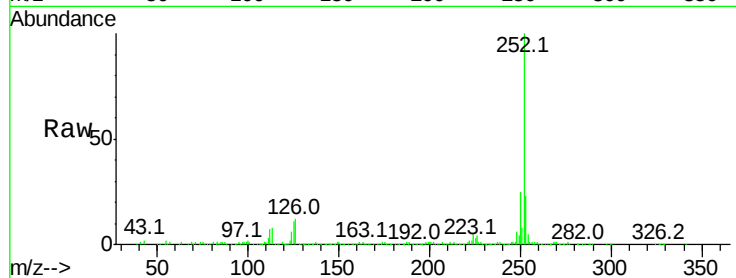




#87
Benzo(b)fluoranthene
Concen: 73.623 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF100983.D
Acq: 29 Nov 2017 17:38

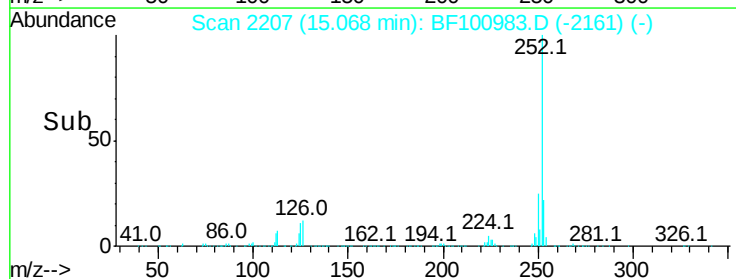
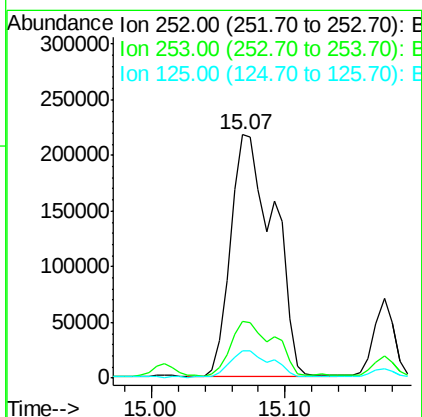
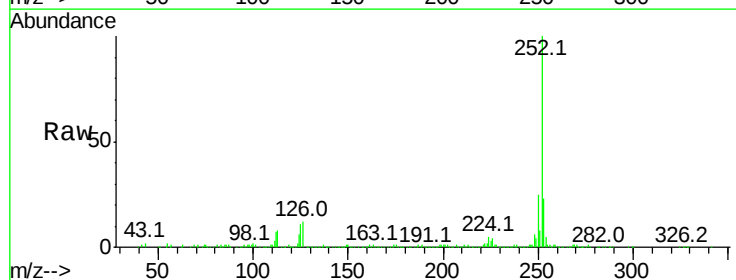
Instrument :
BNA_F
ClientSampled :

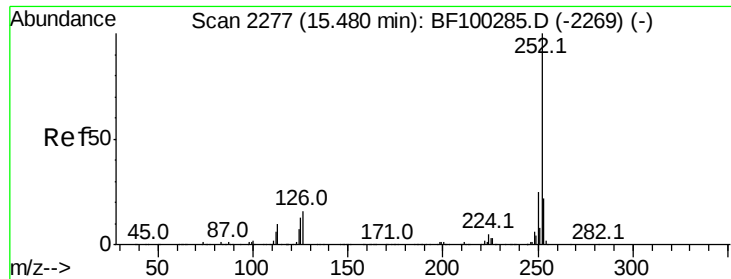
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	11.4	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 77.920 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BF100983.D
Acq: 29 Nov 2017 17:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	11.4	10.2	15.2

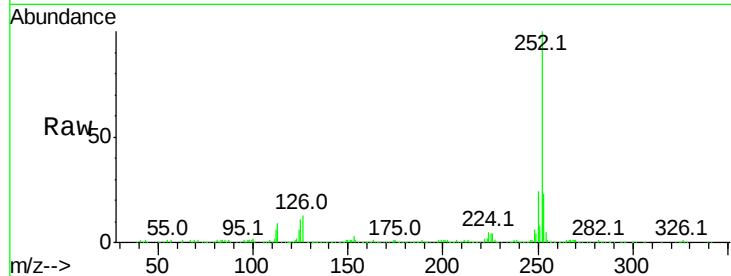




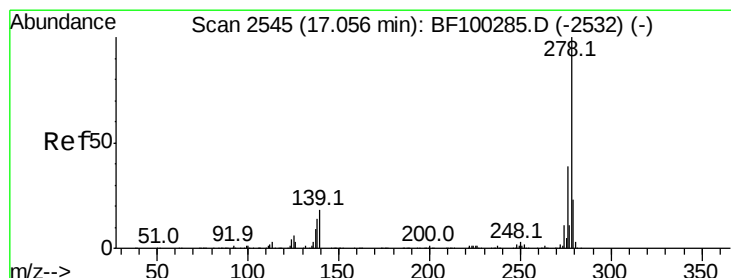
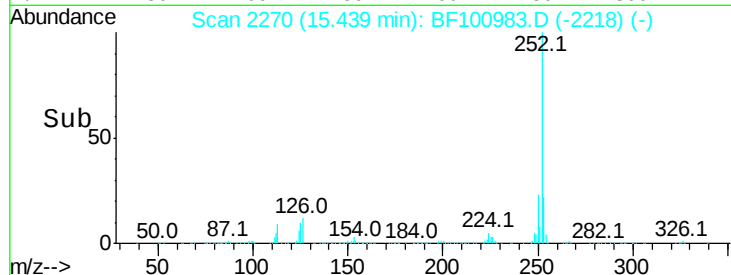
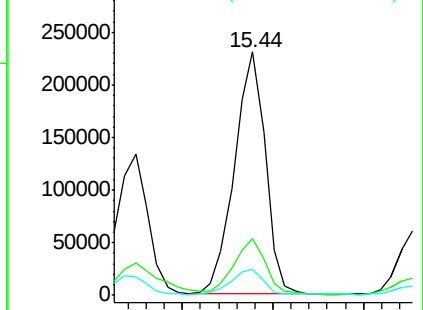
#89
Benzo(a)pyrene
Concen: 46.286 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF100983.D
Acq: 29 Nov 2017 17:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	10.6	9.8	14.6

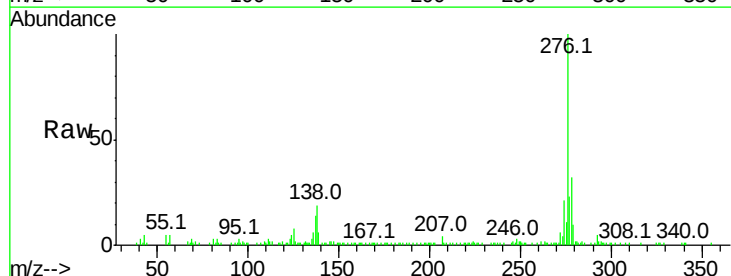


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

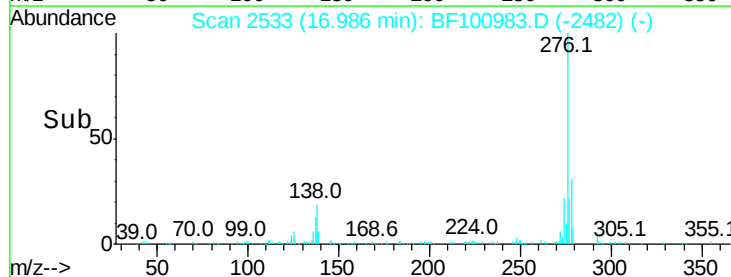
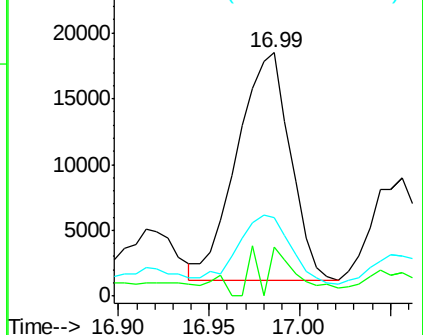


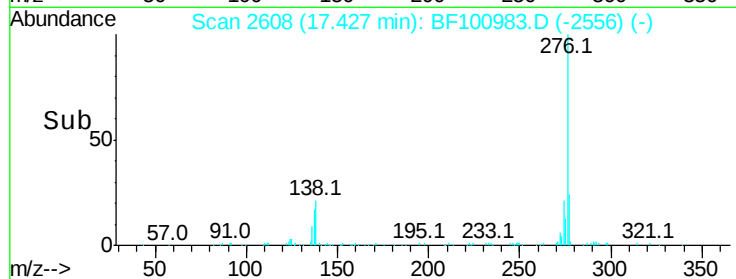
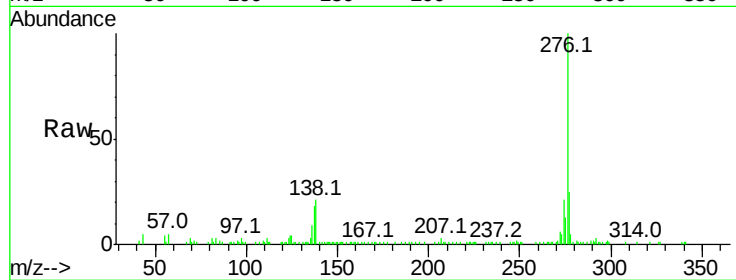
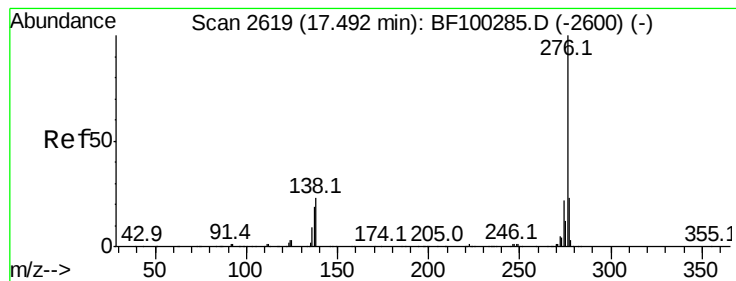
#90
Dibenzo(a,h)anthracene
Concen: 7.269 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.00 min
Lab File: BF100983.D
Acq: 29 Nov 2017 17:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.3	15.9	23.9
279	32.0	19.0	28.4#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 26.417 ng

RT: 17.43 min Scan# 2608

Delta R.T. 0.01 min

Lab File: BF100983.D

Acq: 29 Nov 2017 17:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 125352

Ion Ratio Lower Upper

276 100

277 25.3 17.9 26.9

138 21.5 21.8 32.8#

