

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100827.D
 Acq On : 22 Nov 2017 15:33
 Operator : SJ/JU
 Sample : I6305-15 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 22 17:28:40 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	6.87	152	72065	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	265399	20.00	ng	-0.01
38) Acenaphthene-d10	9.91	164	109662	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	171003	20.00	ng	0.00
75) Chrysene-d12	14.04	240	151812	20.00	ng	0.00
86) Perylene-d12	15.52	264	126925	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	219683	48.87	ng	0.00
7) Phenol-d6	6.50	99	263915	47.61	ng	-0.01
23) Nitrobenzene-d5	7.43	82	152331	37.95	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	52834	47.28	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	277323	38.51	ng	-0.01
78) Terphenyl-d14	12.98	244	209313	31.68	ng	0.00

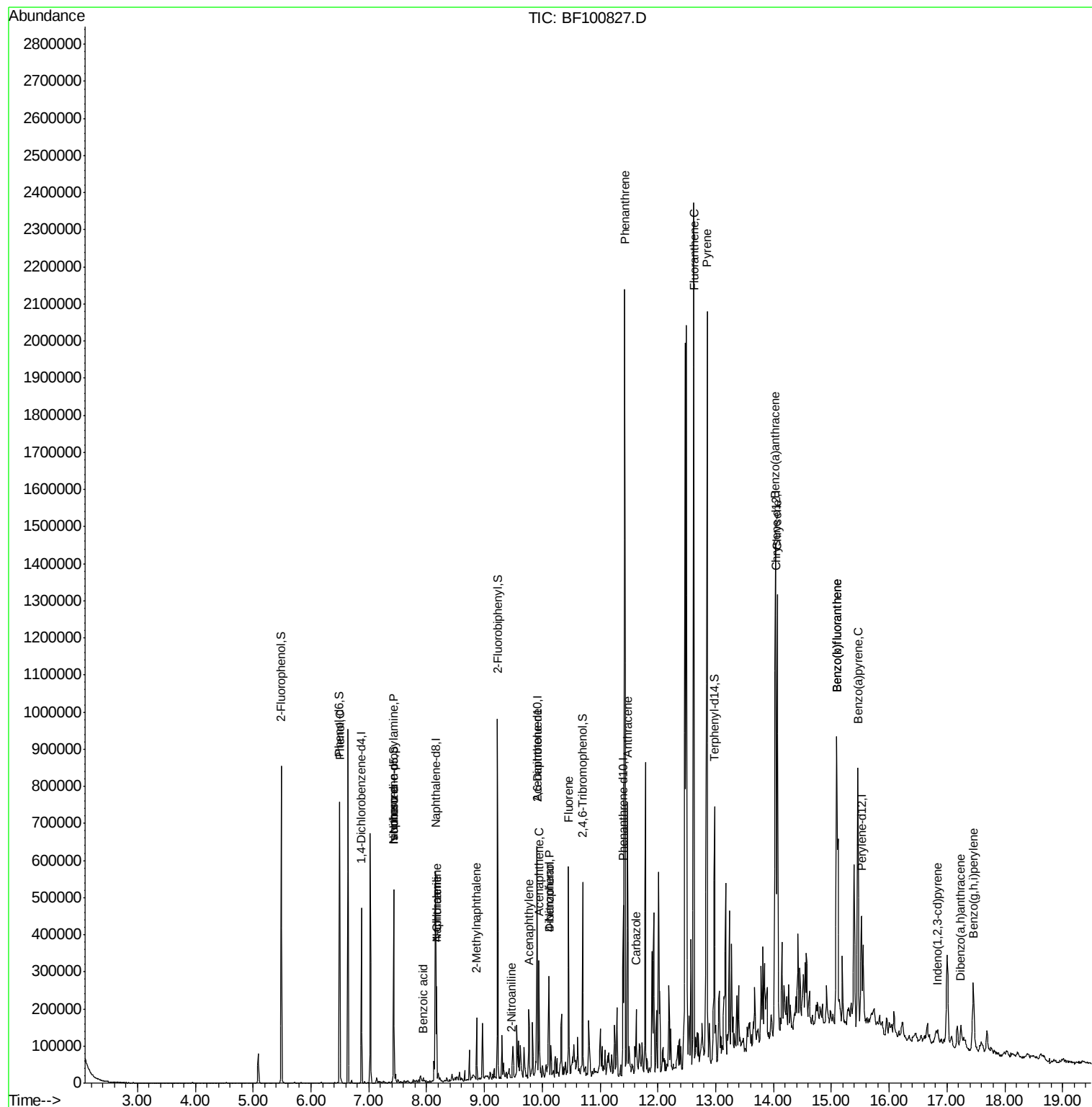
Target Compounds				Qvalue		
10) Phenol	6.50	94	12564	2.159	ng	88
19) n-Nitroso-di-n-propylamine	7.43	70	19253	5.008	ng	# 79
25) Isophorone	7.43	82	152330	18.058	ng	# 64
31) Naphthalene	8.17	128	95912	7.503	ng	99
32) Benzoic acid	7.93	122	107	9.400	ng	# 28
33) 4-Chloroaniline	8.17	127	11997	2.255	ng	# 34
37) 2-Methylnaphthalene	8.87	142	47963	5.652	ng	98
47) 2-Nitroaniline	9.47	65	108	2.834	ng	# 2
48) Acenaphthylene	9.77	152	62202	5.455	ng	99
50) 2,6-Dinitrotoluene	9.91	165	15995	9.651	ng	# 25
51) Acenaphthene	9.94	154	65038	9.378	ng	97
54) Dibenzofuran	10.12	168	93386	9.608	ng	96
55) 4-Nitrophenol	10.12	139	33954	21.366	ng	# 10
57) Fluorene	10.46	166	150364	21.117	ng	100
70) Phenanthrene	11.43	178	821746	91.269	ng	99
71) Anthracene	11.47	178	252343	27.625	ng	99
72) Carbazole	11.63	167	61061	7.245	ng	99
74) Fluoranthene	12.62	202	1023347	107.246	ng	96
77) Pyrene	12.85	202	927546	85.711	ng	100
80) Benzo(a)anthracene	14.03	228	545723	59.694	ng	98
82) Chrysene	14.07	228	431960	48.793	ng	98
85) Indeno(1,2,3-cd)pyrene	16.84	276	29445	4.112	ng	94
87) Benzo(b)fluoranthene	15.09	252	663906	88.290	ng	98
88) Benzo(k)fluoranthene	15.09	252	663906	93.442	ng	99
89) Benzo(a)pyrene	15.46	252	344416	51.664	ng	96
90) Dibenzo(a,h)anthracene	17.24	278	20539	3.767	ng	96
91) Benzo(g,h,i)perylene	17.46	276	149759	28.062	ng	# 92

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

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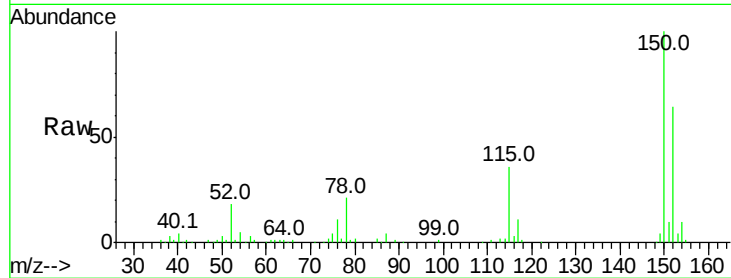


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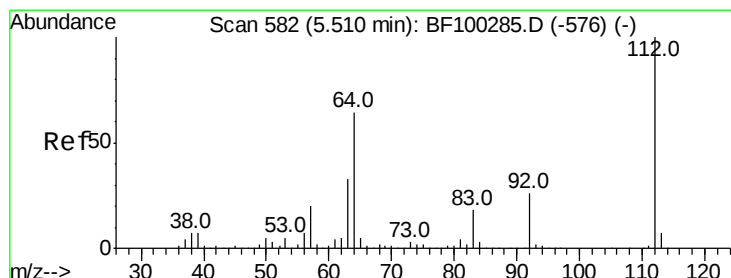
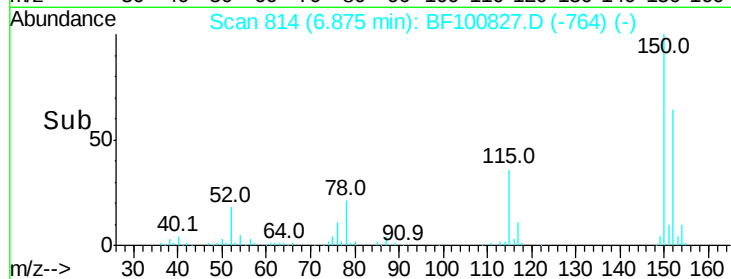
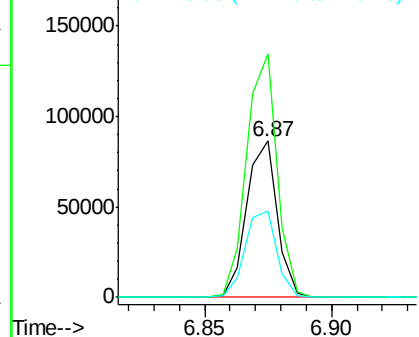
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100827.D
Acq: 22 Nov 2017 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 72065
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 55.3 50.1 75.1



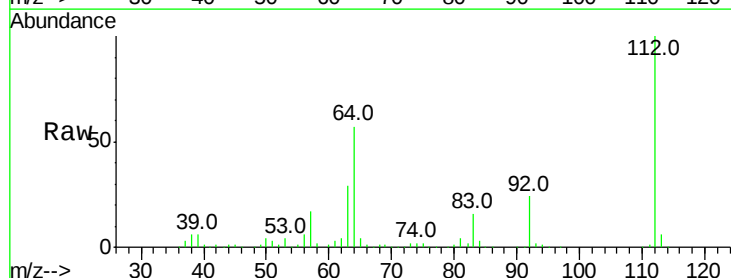
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



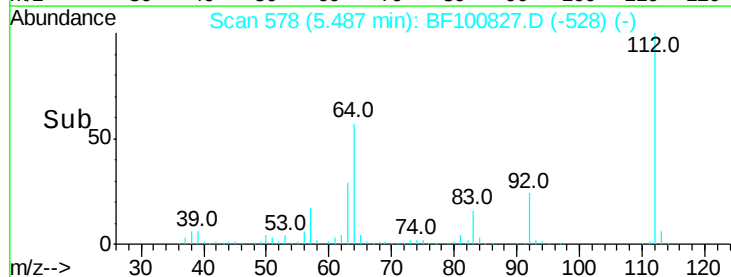
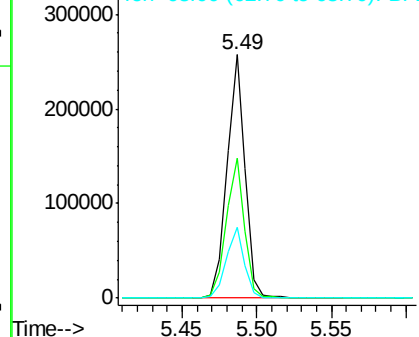
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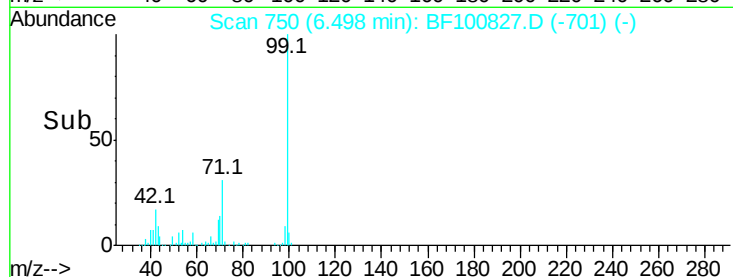
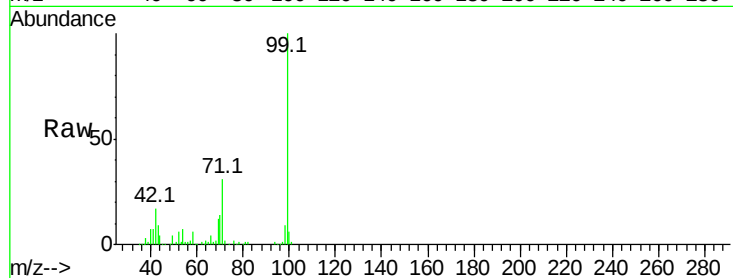
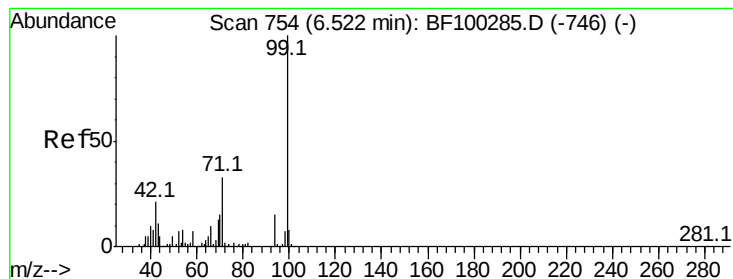
2-Fluorophenol
Concen: 48.865 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF100827.D
Acq: 22 Nov 2017 15:33

Tgt Ion:112 Resp: 219683
Ion Ratio Lower Upper
112 100
64 57.4 47.9 71.9
63 29.3 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





#7

Phenol-d6

Concen: 47.606 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100827.D

Acq: 22 Nov 2017 15:33

Instrument :

BNA_F

ClientSampleId :

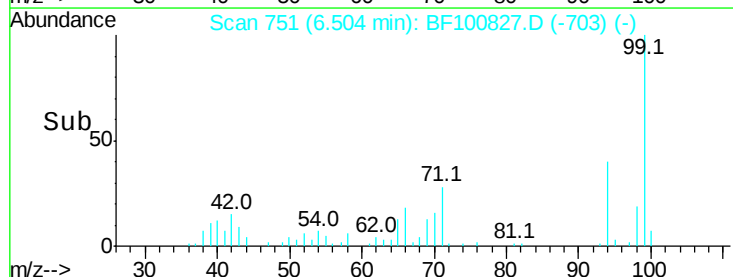
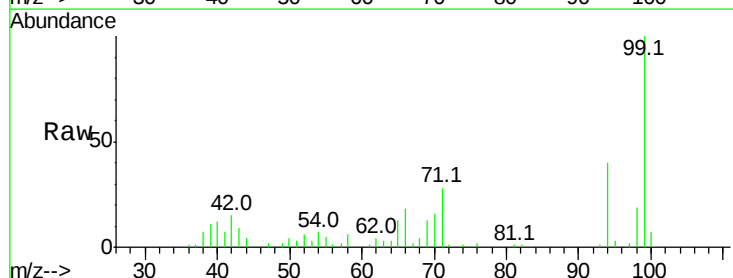
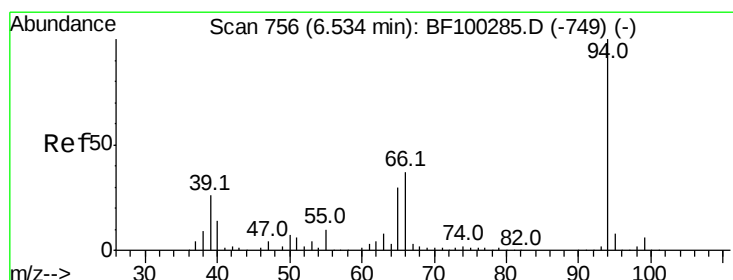
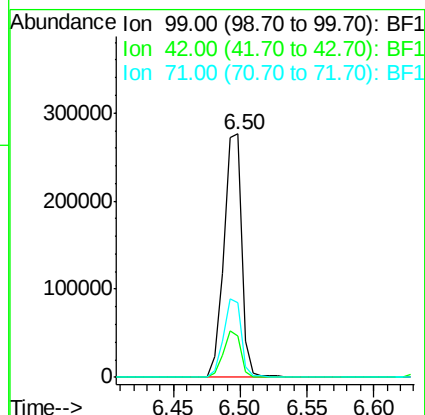
Tot Ion: 99 Resp: 263915

Ion Ratio Lower Upper

99 100

42 17.1 14.5 21.7

71 30.7 25.4 38.0



#10

Phenol

Concen: 2.159 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF100827.D

Acq: 22 Nov 2017 15:33

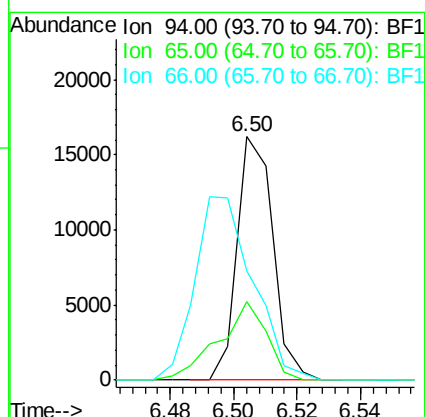
Tgt Ion: 94 Resp: 12564

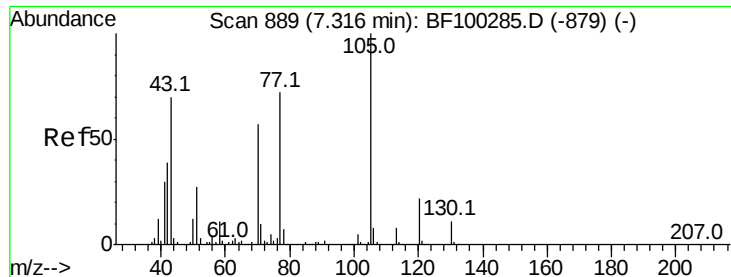
Ion Ratio Lower Upper

94 100

65 32.1 7.9 47.9

66 45.0 16.2 56.2

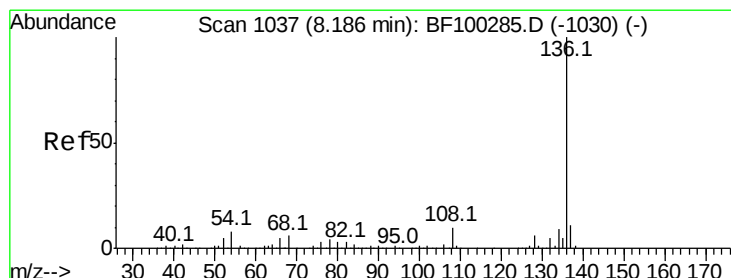
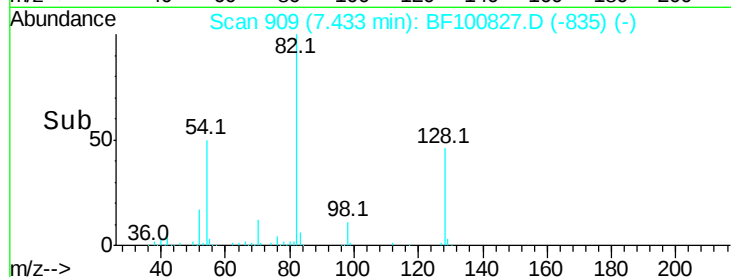
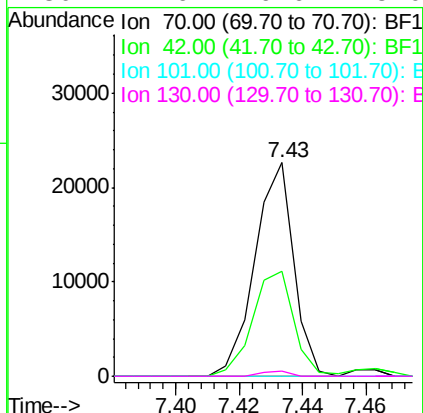
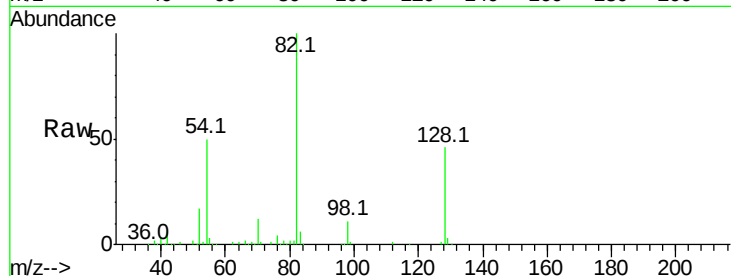




#19
n-Nitroso-di-n-propylamine
Concen: 5.008 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF100827.D
Acq: 22 Nov 2017 15:33

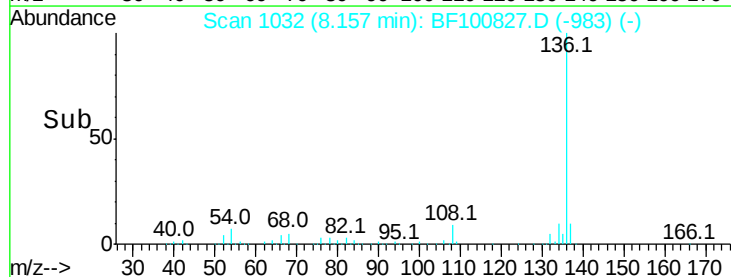
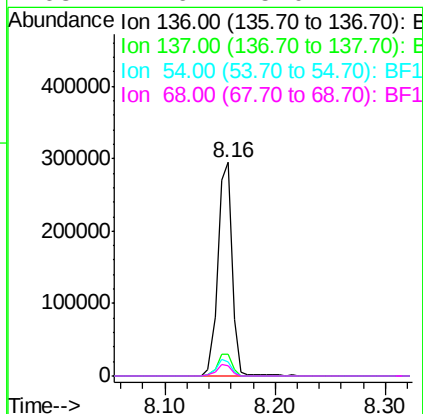
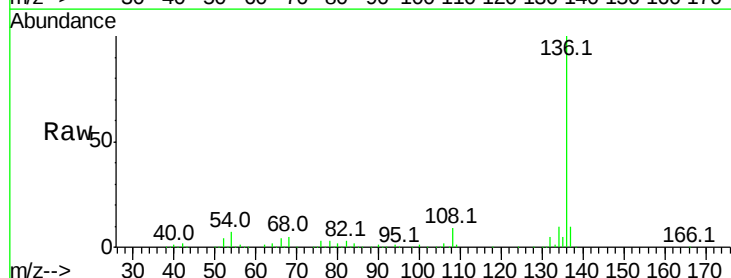
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 19253
Ion Ratio Lower Upper
70 100
42 49.3 47.5 71.3
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF100827.D
Acq: 22 Nov 2017 15:33

Tgt Ion:136 Resp: 265399
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 6.9 6.6 9.8
68 4.6 5.0 7.4#

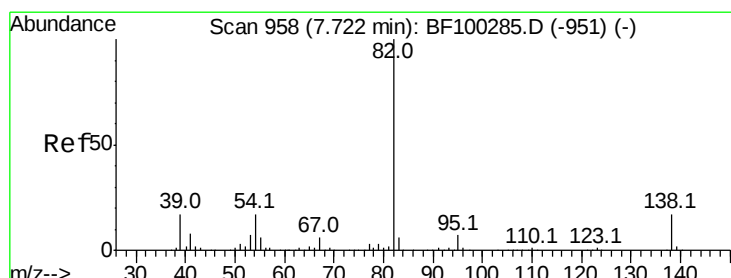
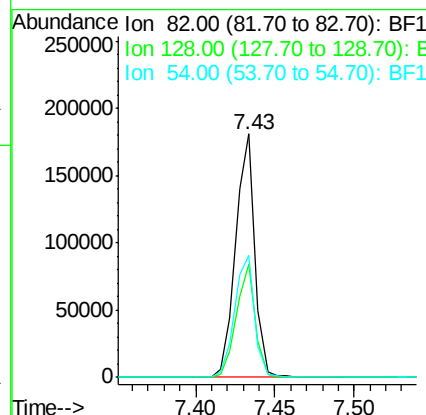
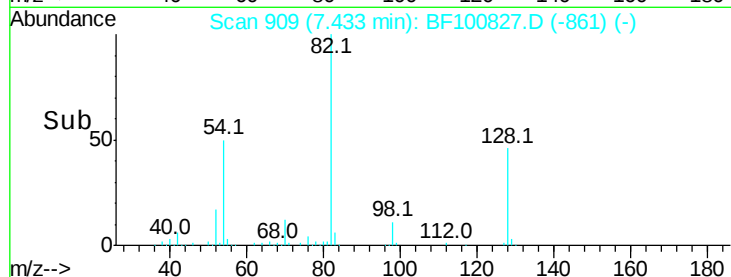
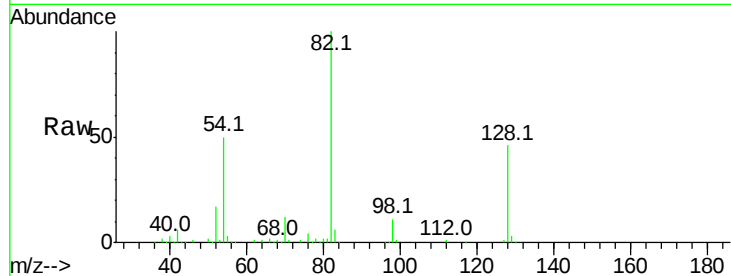




#23
Nitrobenzene-d5
Concen: 37.947 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100827.D
Acq: 22 Nov 2017 15:33

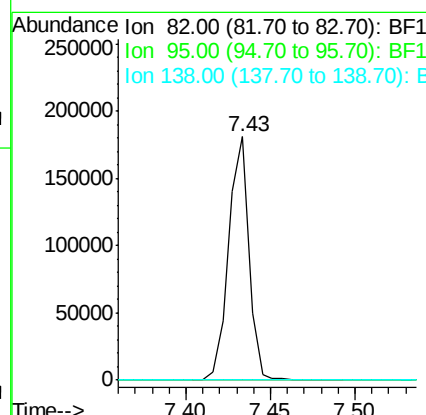
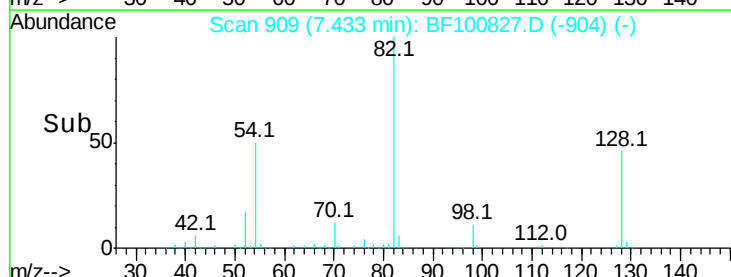
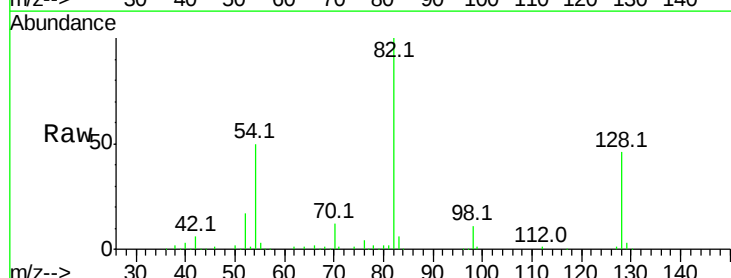
Instrument :
BNA_F
ClientSampled :

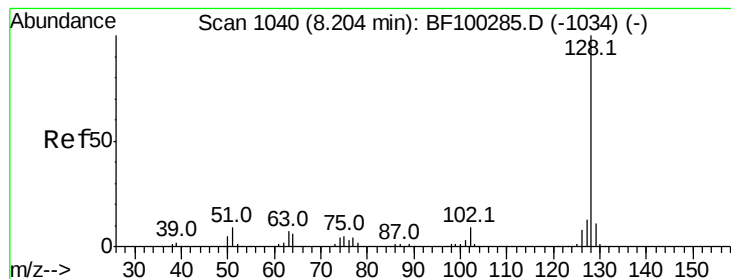
Tot Ion	82	Resp	152331
Ion Ratio	100	Lower	Upper
128	46.4	36.1	54.1
54	50.4	41.4	62.2



#25
Isophorone
Concen: 18.058 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.27 min
Lab File: BF100827.D
Acq: 22 Nov 2017 15:33

Tgt Ion	82	Resp	152330
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#





#31

Naphthalene

Concen: 7.503 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF100827.D

Acq: 22 Nov 2017 15:33

Instrument :

BNA_F

ClientSampleId :

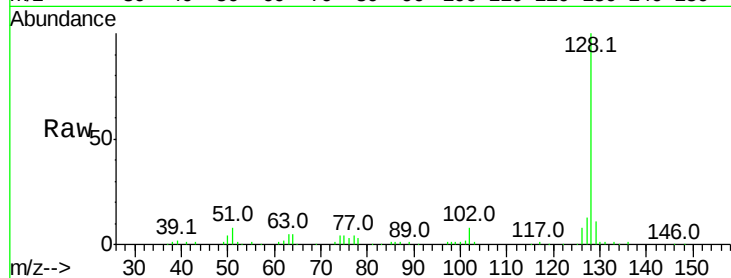
Tot Ion:128 Resp: 95912

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

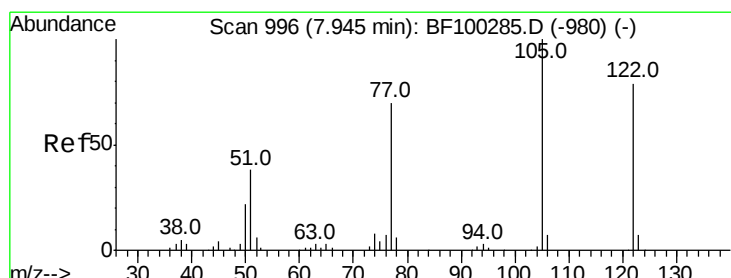
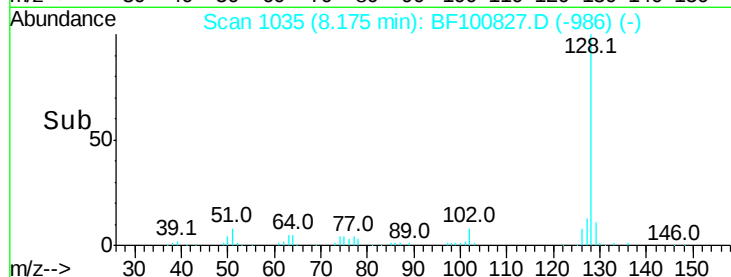
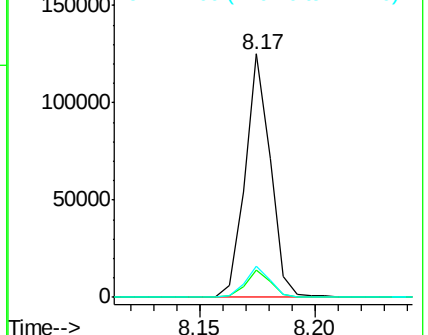
127 12.9 10.9 16.3



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: 9.400 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.00 min

Lab File: BF100827.D

Acq: 22 Nov 2017 15:33

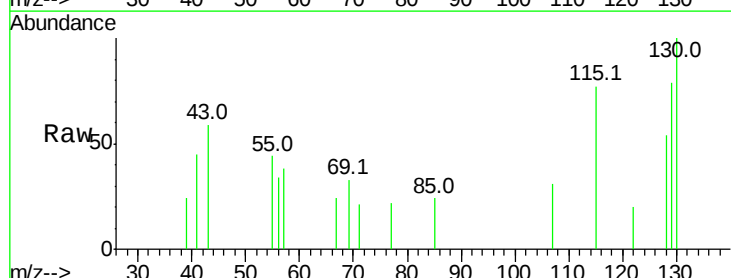
Tgt Ion:122 Resp: 107

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

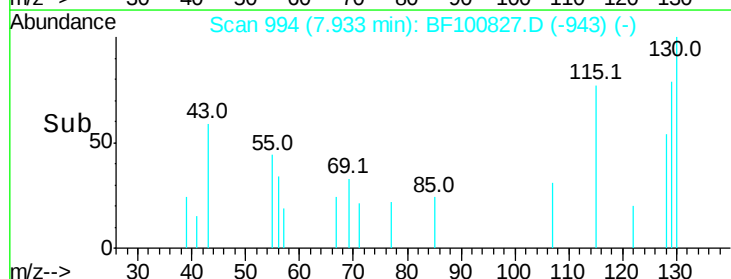
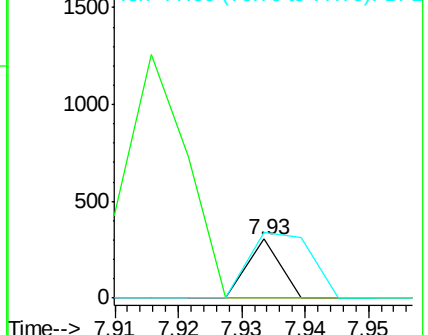
77 111.8 70.7 110.7#

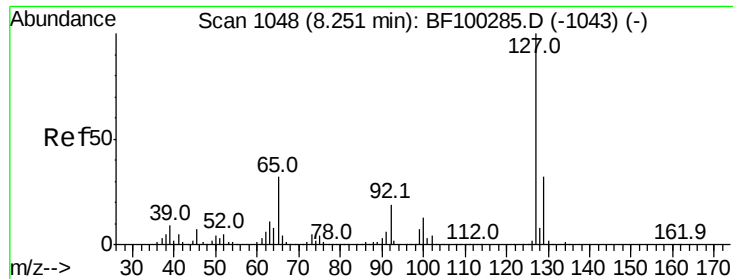


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

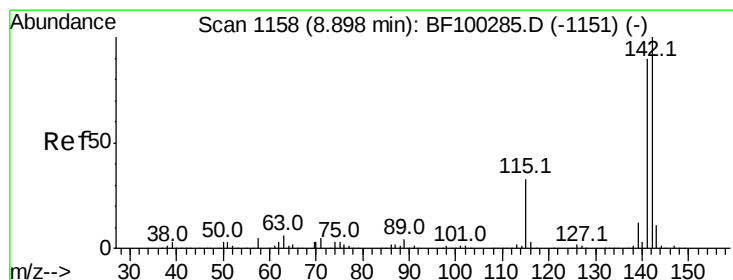
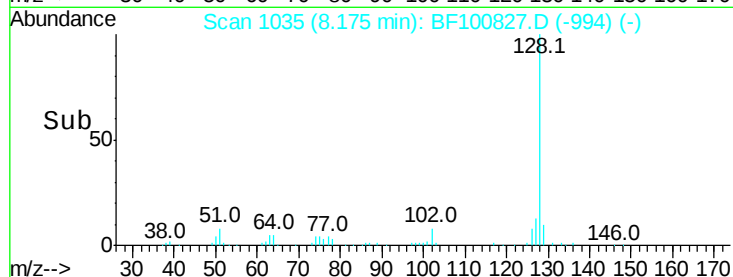
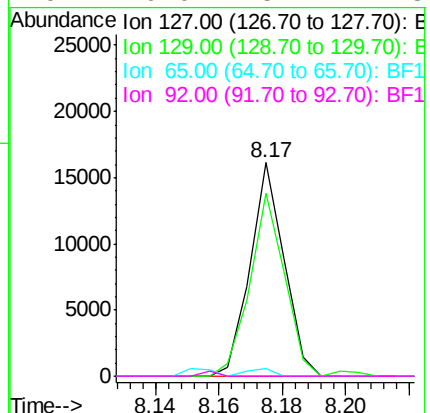
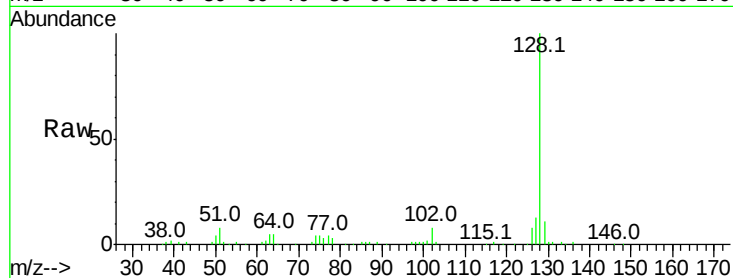




#33
4-Chloroaniline
Concen: 2.255 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.06 min
Lab File: BF100827.D
Acq: 22 Nov 2017 15:33

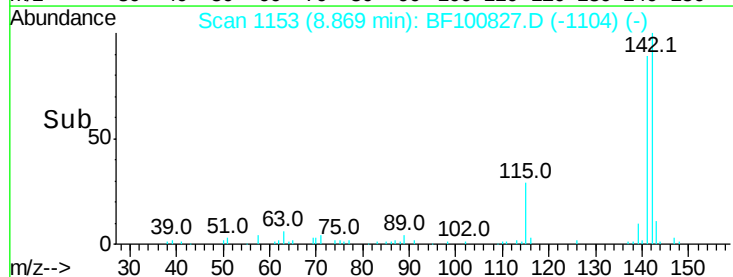
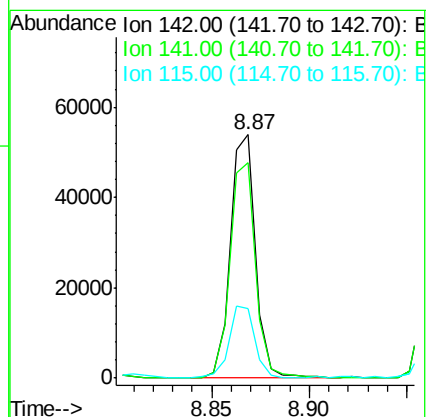
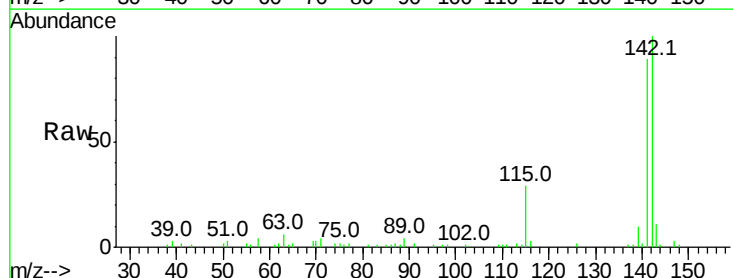
Instrument :
BNA_F
ClientSampleId :

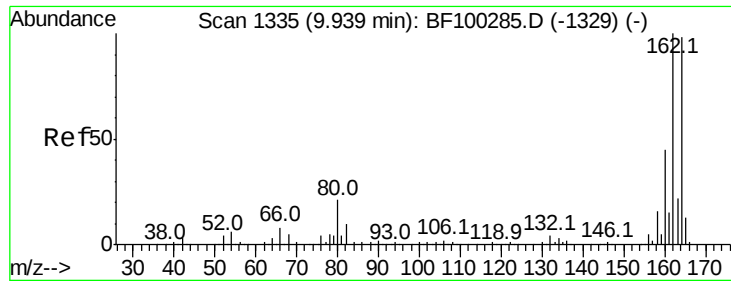
Tot Ion:	127	Resp:	11997
Ion	Ratio	Lower	Upper
127	100		
129	85.5	25.9	38.9#
65	3.7	25.0	37.4#
92	0.0	15.2	22.8#



#37
2-Methylnaphthalene
Concen: 5.652 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF100827.D
Acq: 22 Nov 2017 15:33

Tgt Ion:	142	Resp:	47963
Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.8	106.2
115	28.5	26.1	39.1

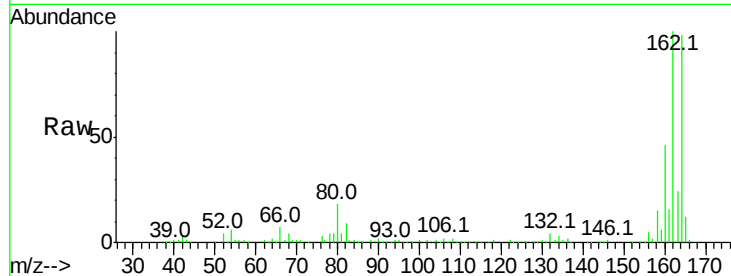




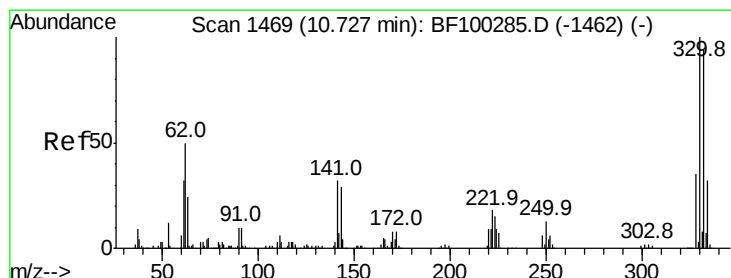
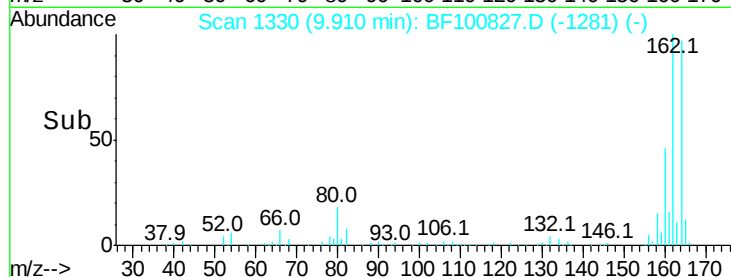
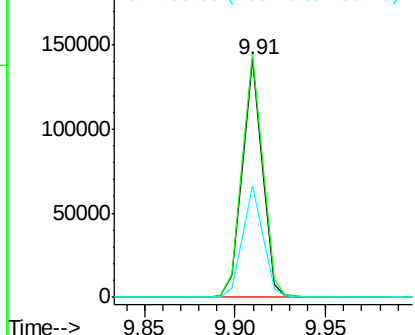
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF100827.D
 Acq: 22 Nov 2017 15:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	46.7	38.3	57.5

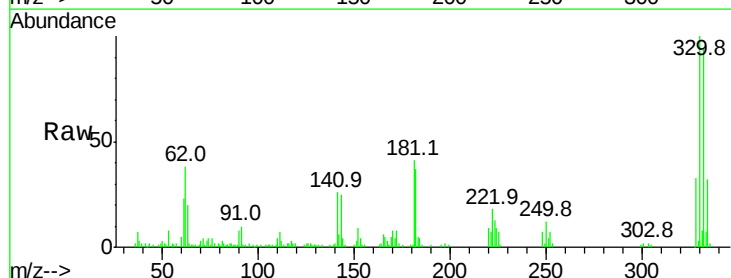


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

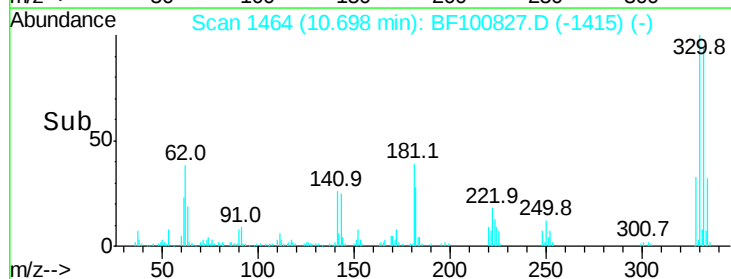
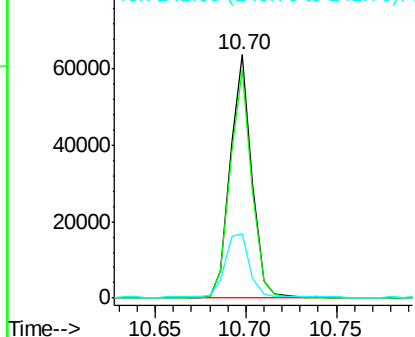


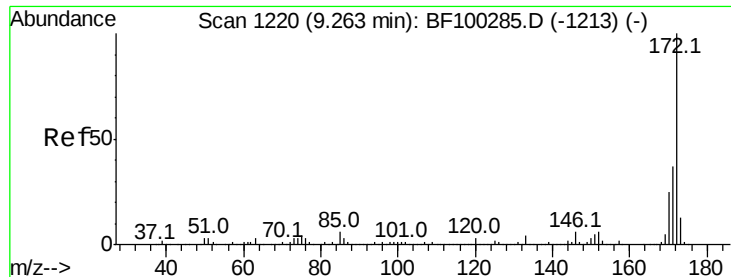
#41
 2,4,6-Tribromophenol
 Concen: 47.281 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF100827.D
 Acq: 22 Nov 2017 15:33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.0	115.6
141	33.0	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

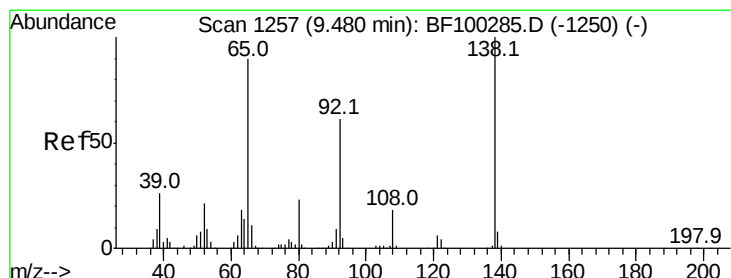
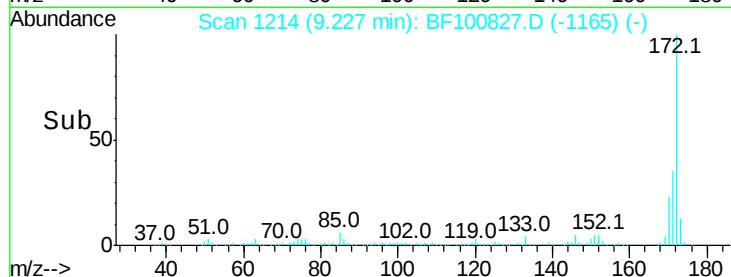
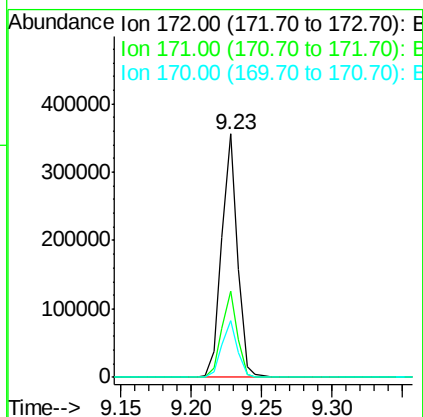
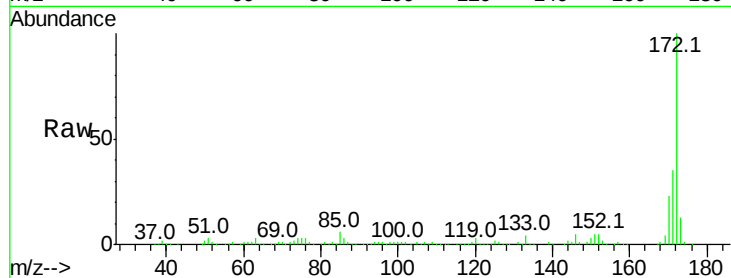




#44
2-Fluorobiphenyl
Concen: 38.508 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100827.D
Acq: 22 Nov 2017 15:33

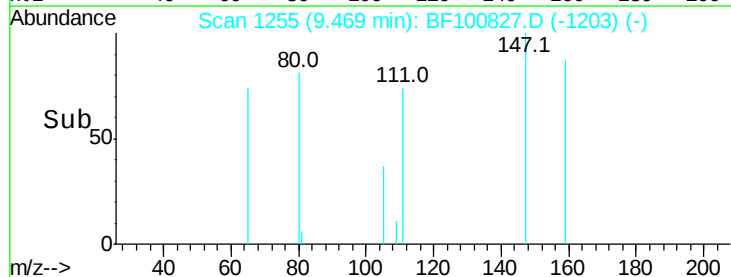
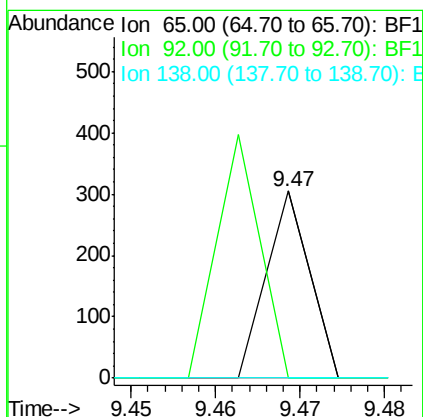
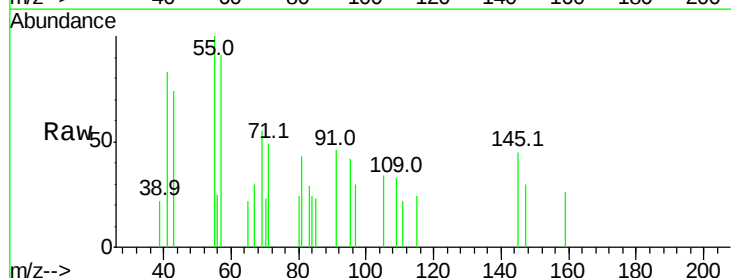
Instrument :
BNA_F
ClientSampleId :

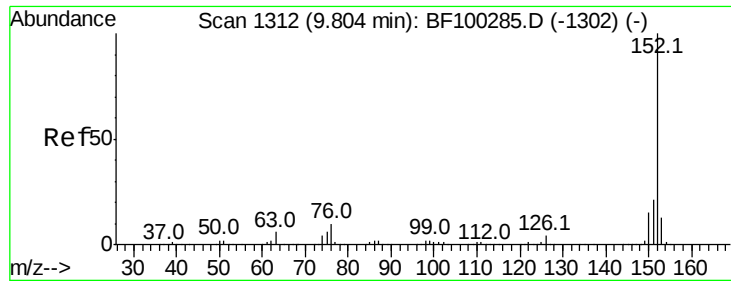
Tot Ion:172 Resp: 277323
Ion Ratio Lower Upper
172 100
171 35.4 29.7 44.5
170 23.1 19.6 29.4



#47
2-Nitroaniline
Concen: 2.834 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.01 min
Lab File: BF100827.D
Acq: 22 Nov 2017 15:33

Tgt Ion: 65 Resp: 108
Ion Ratio Lower Upper
65 100
92 0.0 55.8 83.6#
138 0.0 91.2 136.8#





#48

Acenaphthylene

Concen: 5.455 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF100827.D

Acq: 22 Nov 2017 15:33

Instrument :

BNA_F

ClientSampleId :

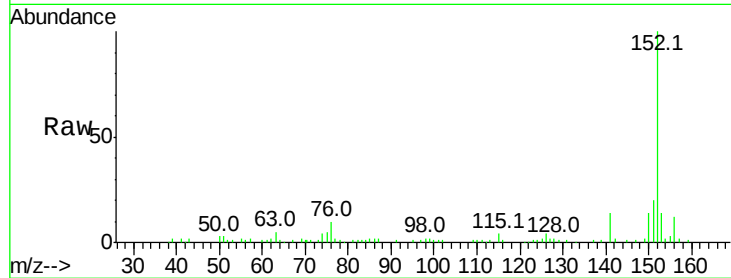
Tot Ion:152 Resp: 62202

Ion Ratio Lower Upper

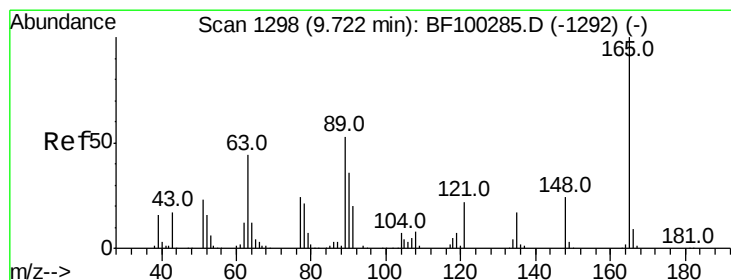
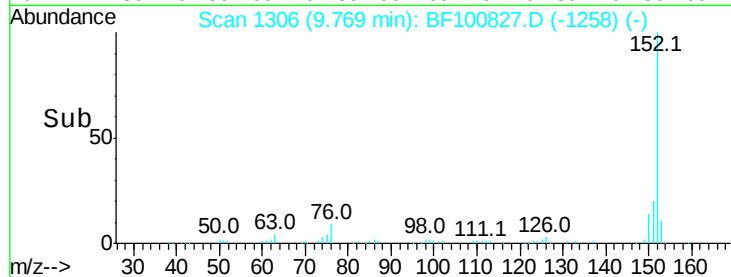
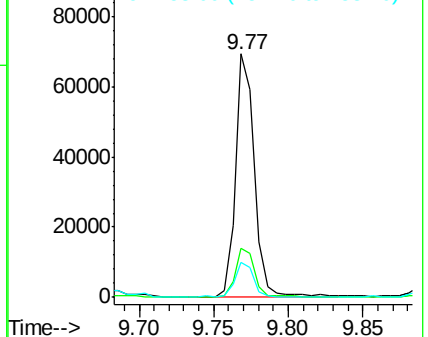
152 100

151 20.4 16.3 24.5

153 14.1 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: 9.651 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.21 min

Lab File: BF100827.D

Acq: 22 Nov 2017 15:33

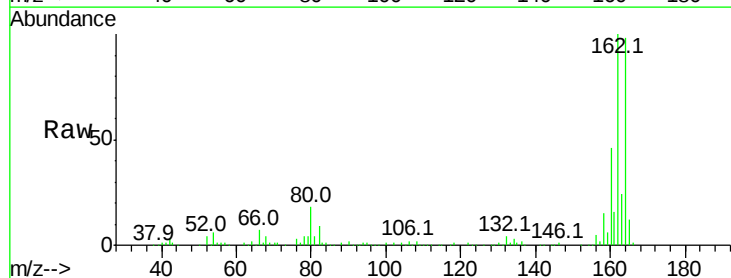
Tgt Ion:165 Resp: 15995

Ion Ratio Lower Upper

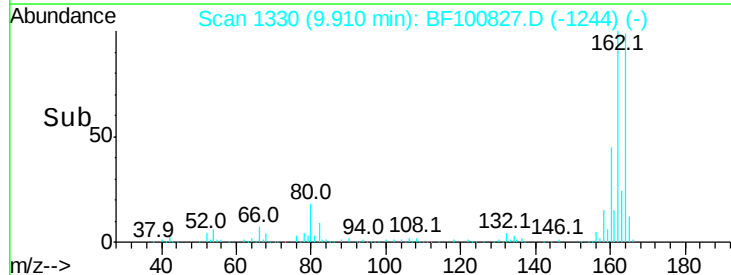
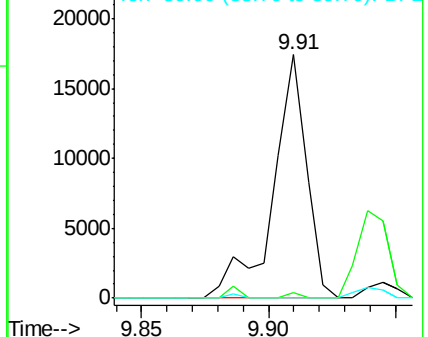
165 100

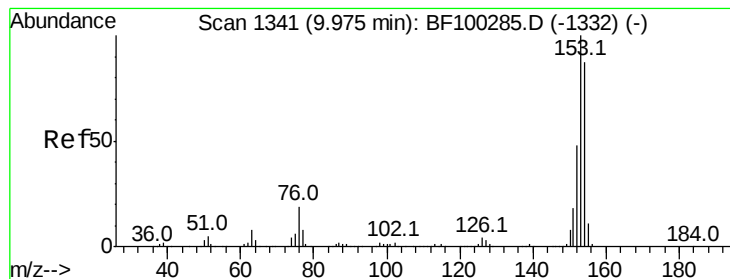
63 2.2 44.7 67.1#

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: 9.378 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BF100827.D

Acq: 22 Nov 2017 15:33

Instrument :

BNA_F

ClientSampleId :

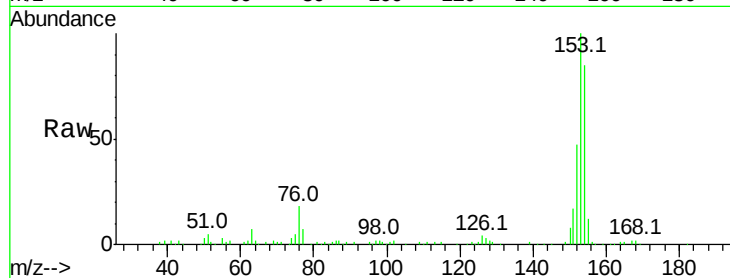
Tot Ion:154 Resp: 65038

Ion Ratio Lower Upper

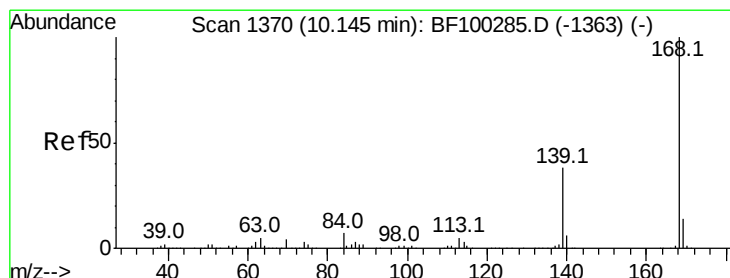
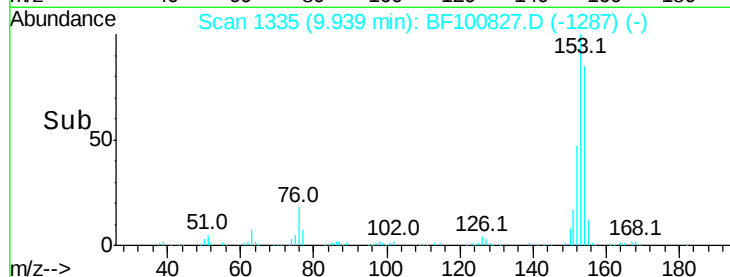
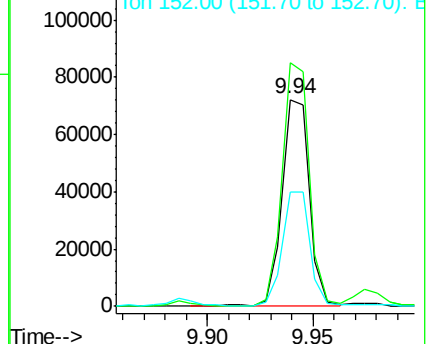
154 100

153 117.8 91.2 136.8

152 55.6 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: 9.608 ng

RT: 10.12 min Scan# 1365

Delta R.T. -0.01 min

Lab File: BF100827.D

Acq: 22 Nov 2017 15:33

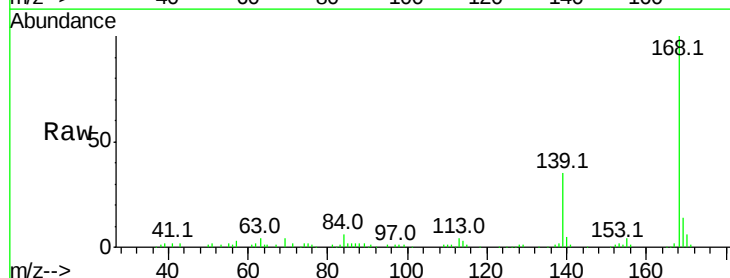
Tgt Ion:168 Resp: 93386

Ion Ratio Lower Upper

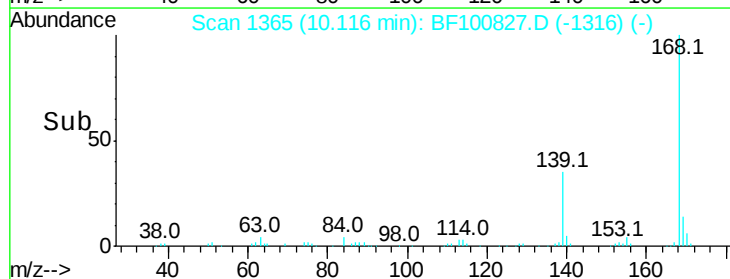
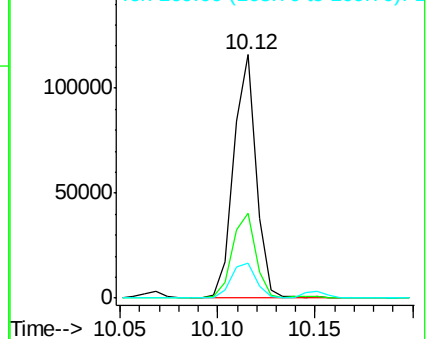
168 100

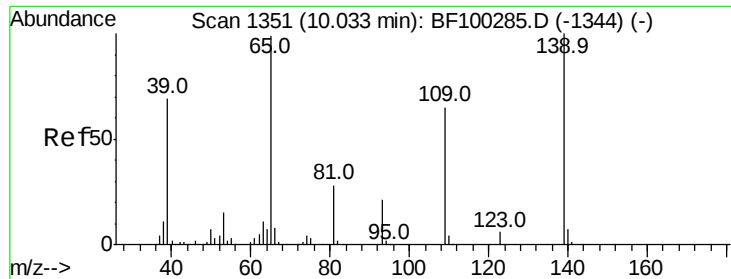
139 35.0 30.1 45.1

169 14.3 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

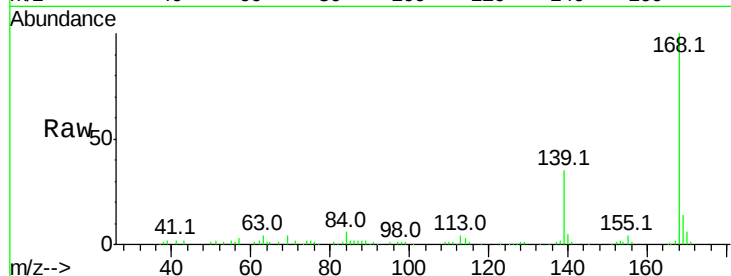




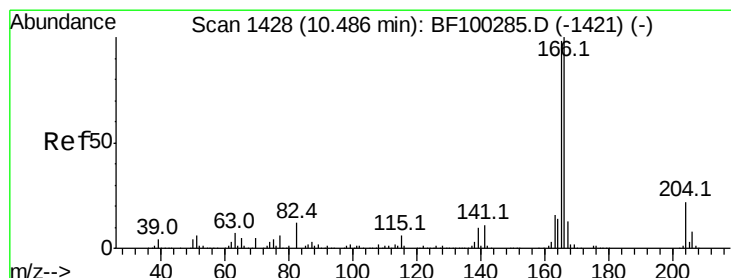
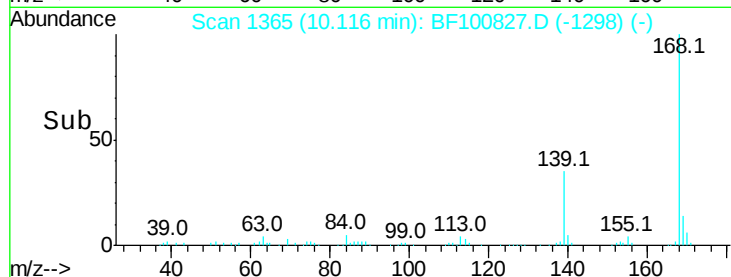
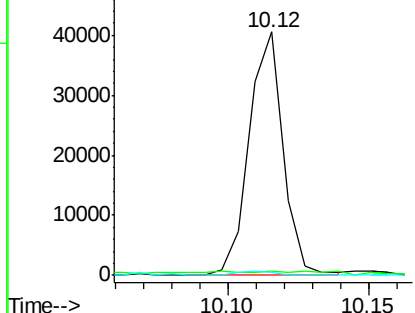
#55
4-Nitrophenol
Concen: 21.366 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.09 min
Lab File: BF100827.D
Acq: 22 Nov 2017 15:33

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
109	1.7	48.4	88.4#
65	1.4	72.6	112.6#

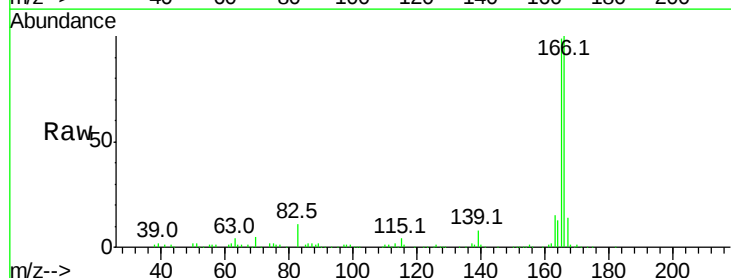


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

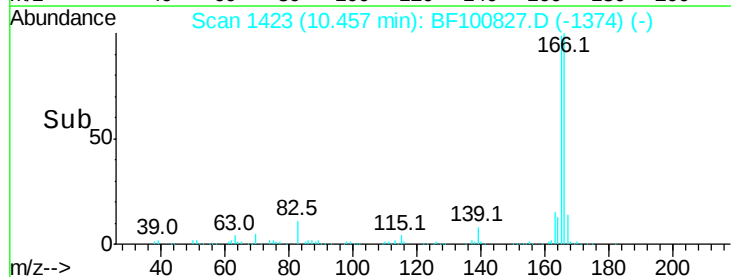
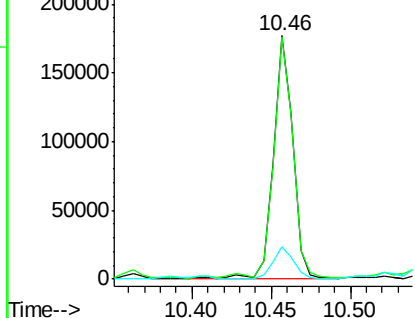


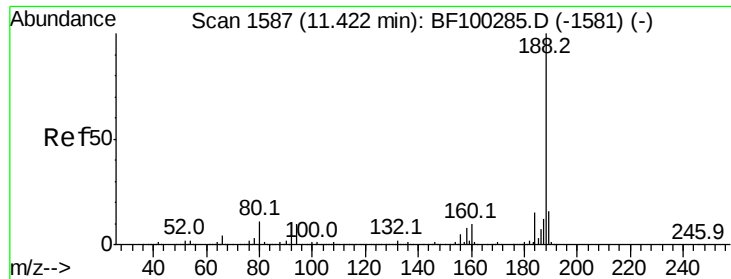
#57
Fluorene
Concen: 21.117 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF100827.D
Acq: 22 Nov 2017 15:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.8	119.8
167	13.6	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

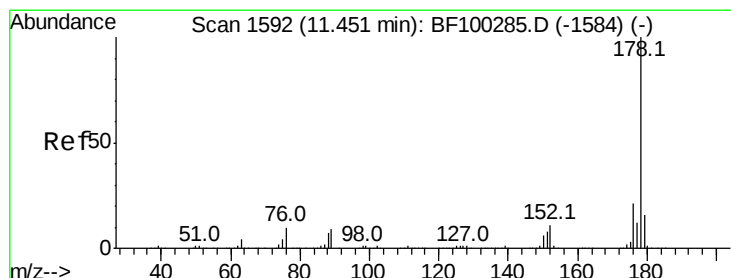
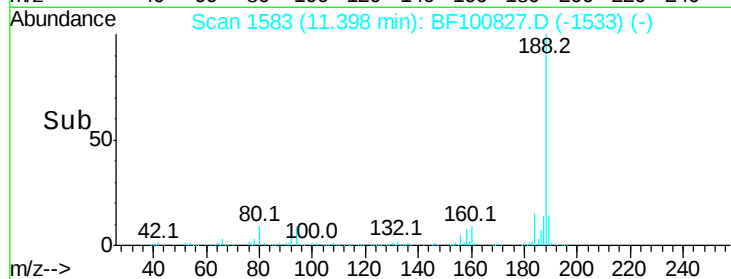
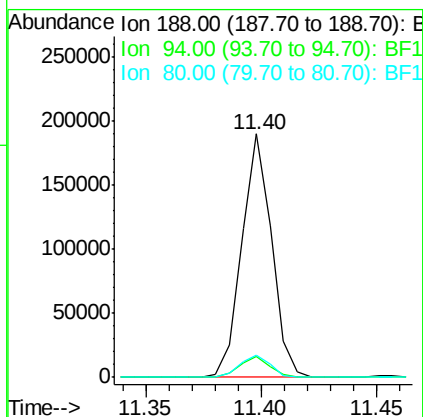
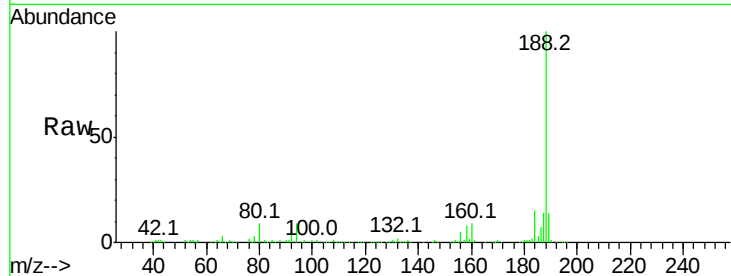




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF100827.D
Acq: 22 Nov 2017 15:33

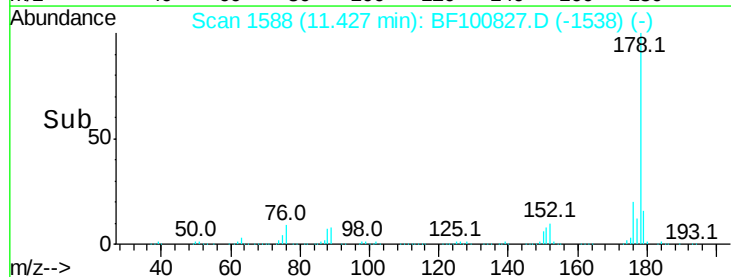
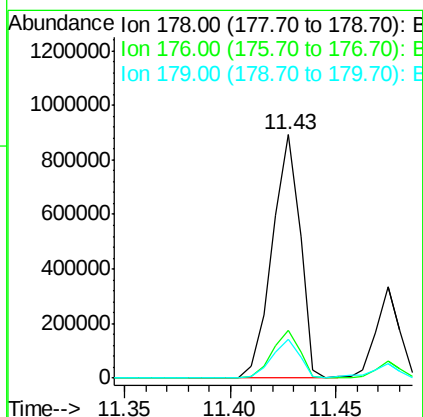
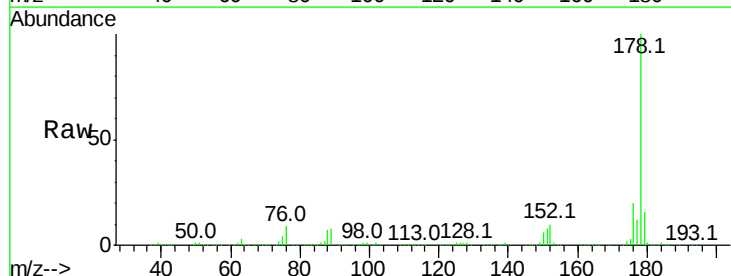
Instrument :
BNA_F
ClientSampleId :

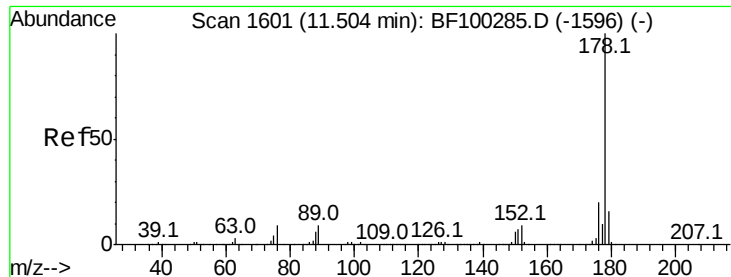
Tot Ion:188 Resp: 171003
Ion Ratio Lower Upper
188 100
94 8.8 8.5 12.7
80 9.0 9.2 13.8#



#70
Phenanthrene
Concen: 91.269 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF100827.D
Acq: 22 Nov 2017 15:33

Tgt Ion:178 Resp: 821746
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 15.7 13.0 19.6





#71

Anthracene

Concen: 27.625 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF100827.D

Acq: 22 Nov 2017 15:33

Instrument :

BNA_F

ClientSampleId :

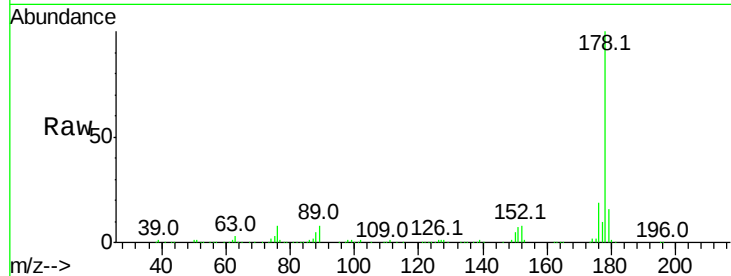
Tot Ion:178 Resp: 252343

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

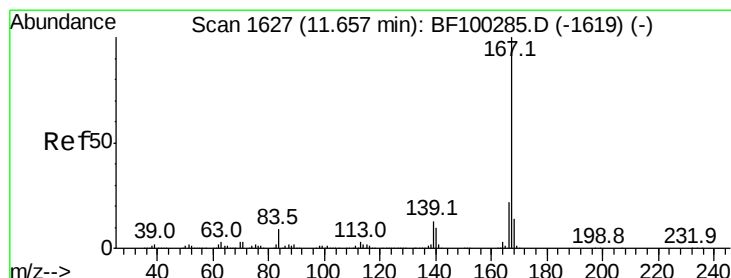
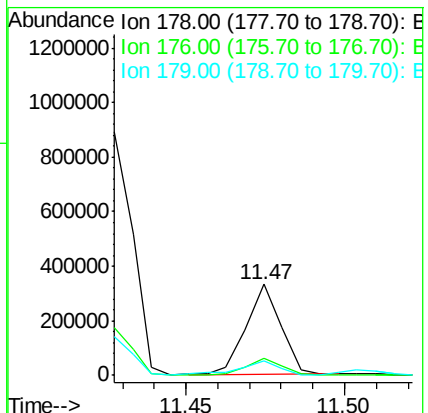
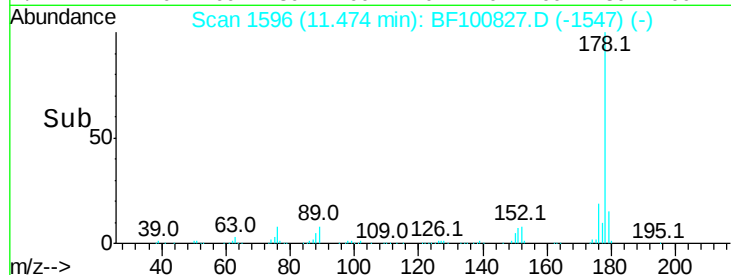
179 15.5 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 7.245 ng

RT: 11.63 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BF100827.D

Acq: 22 Nov 2017 15:33

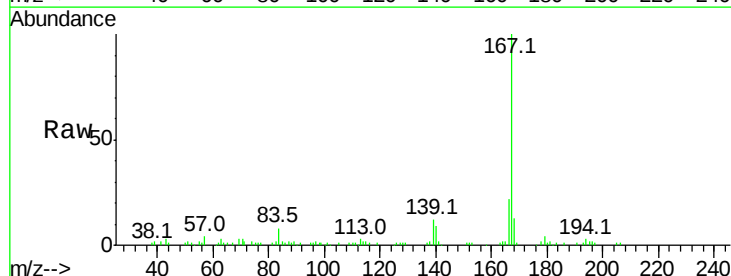
Tgt Ion:167 Resp: 61061

Ion Ratio Lower Upper

167 100

166 22.1 17.6 26.4

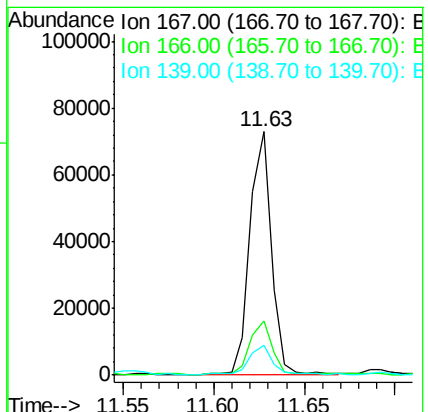
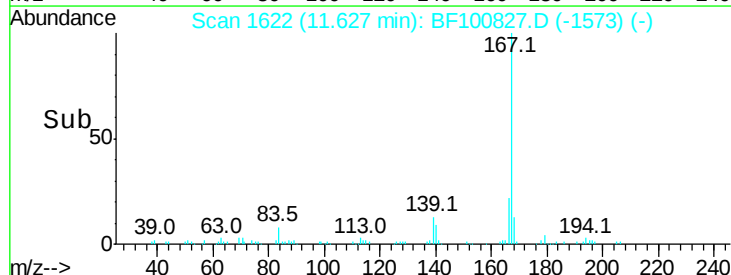
139 12.5 10.9 16.3

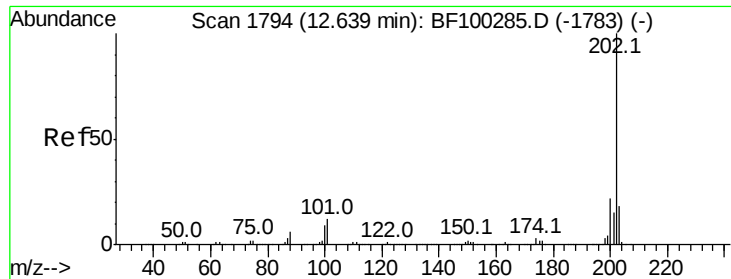


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 107.246 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BF100827.D

Acq: 22 Nov 2017 15:33

Instrument :

BNA_F

ClientSampled :

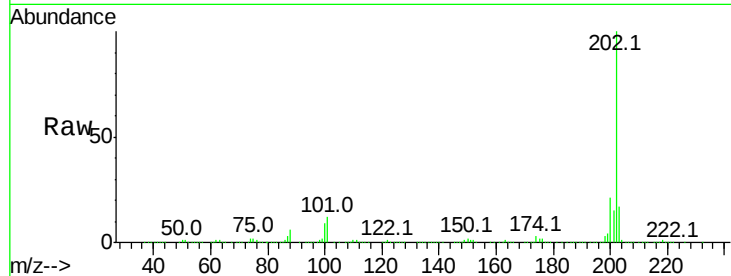
Tot Ion:202 Resp: 1023347

Ion Ratio Lower Upper

202 100

101 11.5 0.0 34.1

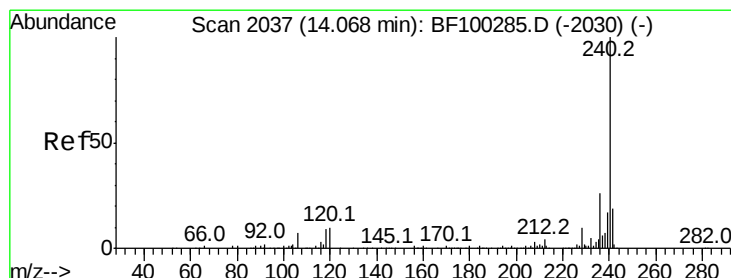
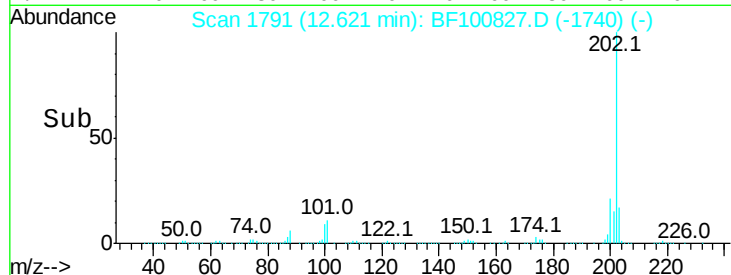
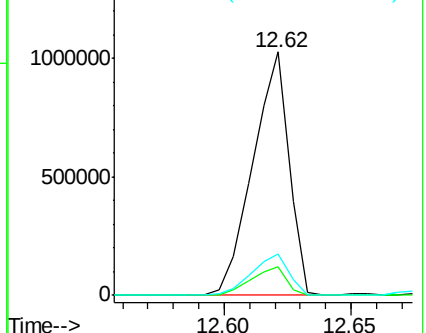
203 17.1 0.0 38.1



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: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF100827.D

Acq: 22 Nov 2017 15:33

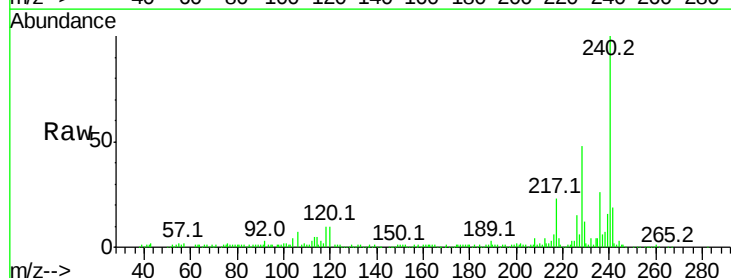
Tgt Ion:240 Resp: 151812

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

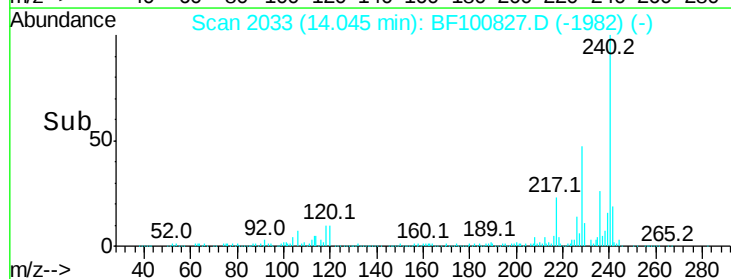
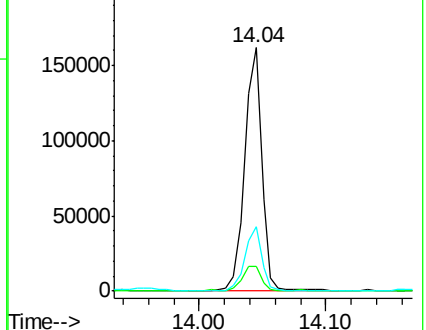
236 26.5 20.7 31.1

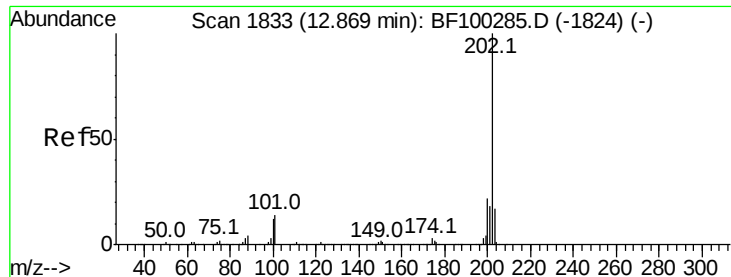


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 85.711 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF100827.D

Acq: 22 Nov 2017 15:33

Instrument :

BNA_F

ClientSampled :

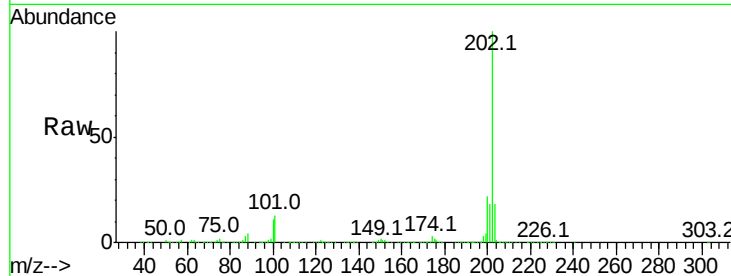
Tot Ion:202 Resp: 927546

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

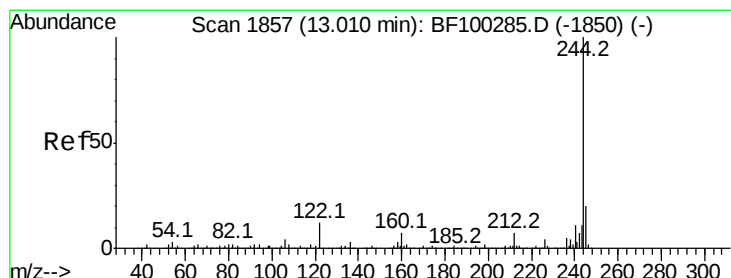
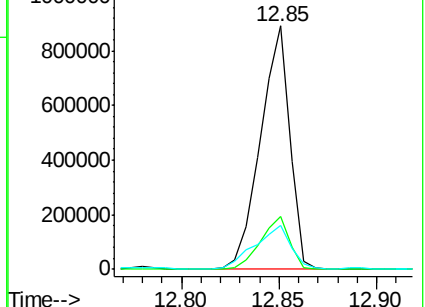
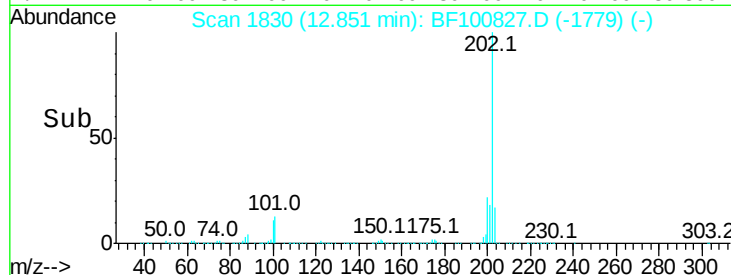
203 18.1 14.3 21.5



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: 31.680 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF100827.D

Acq: 22 Nov 2017 15:33

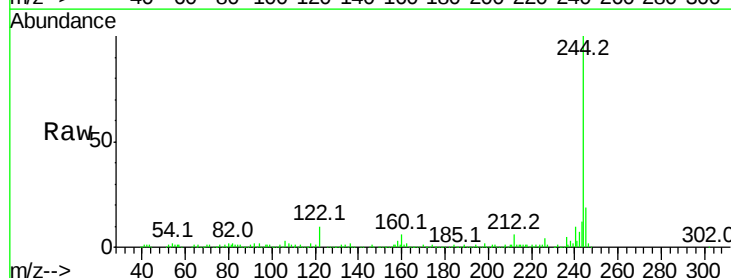
Tgt Ion:244 Resp: 209313

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

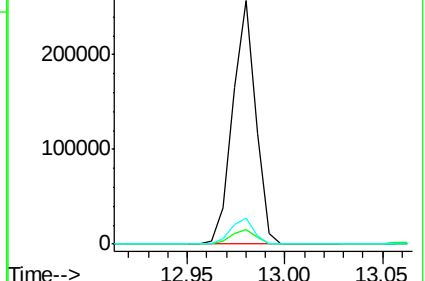
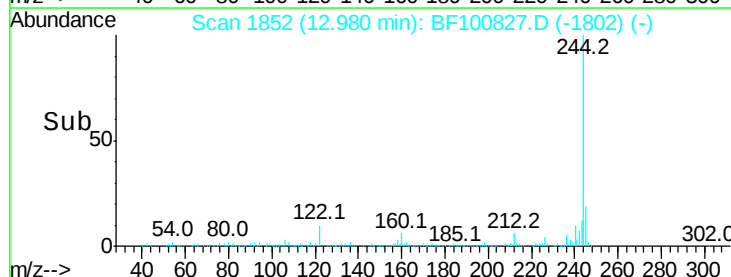
122 10.5 11.0 16.4#

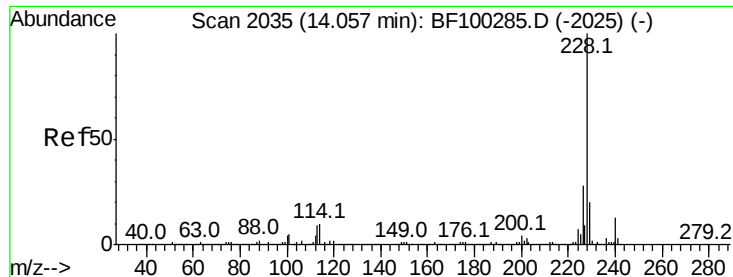


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 59.694 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF100827.D

Acq: 22 Nov 2017 15:33

Instrument :

BNA_F

ClientSampleId :

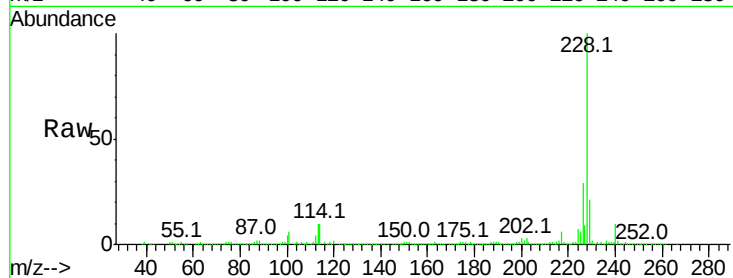
Tot Ion:228 Resp: 545723

Ion Ratio Lower Upper

228 100

226 29.5 22.6 33.8

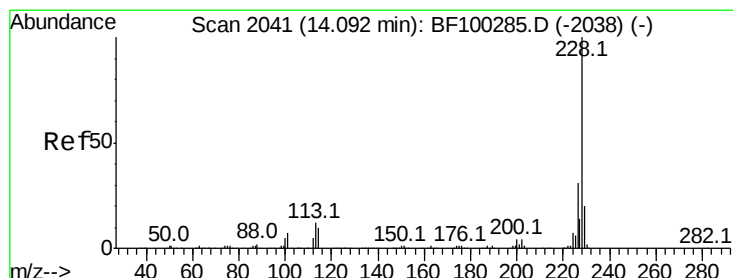
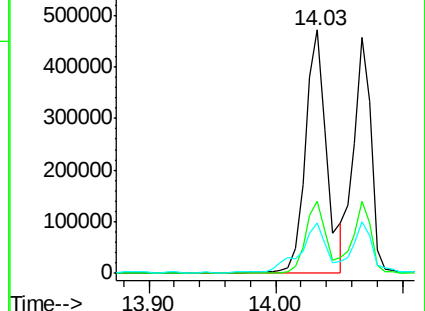
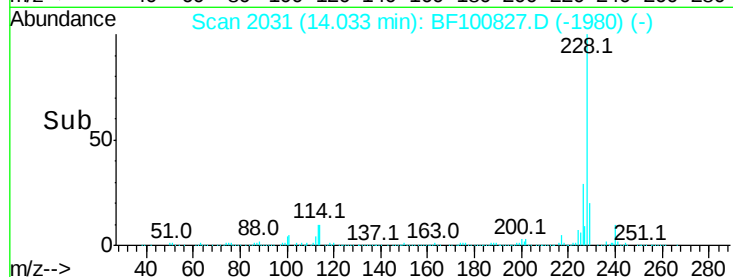
229 20.6 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 48.793 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF100827.D

Acq: 22 Nov 2017 15:33

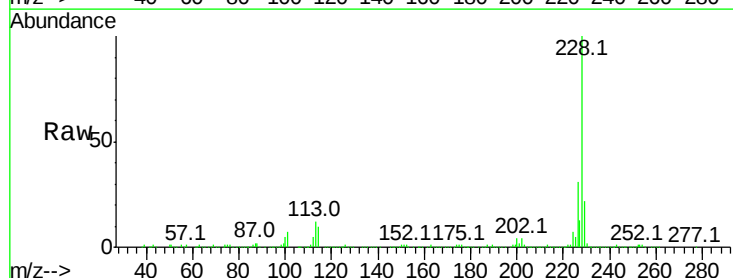
Tgt Ion:228 Resp: 431960

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

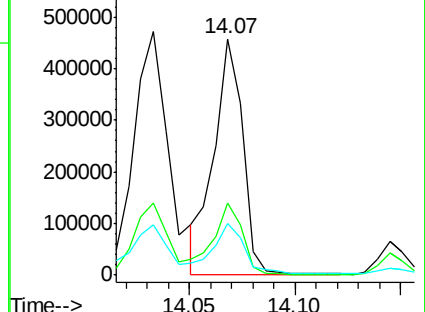
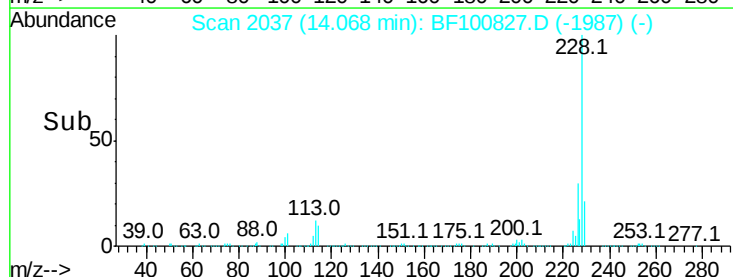
229 22.1 16.2 24.4

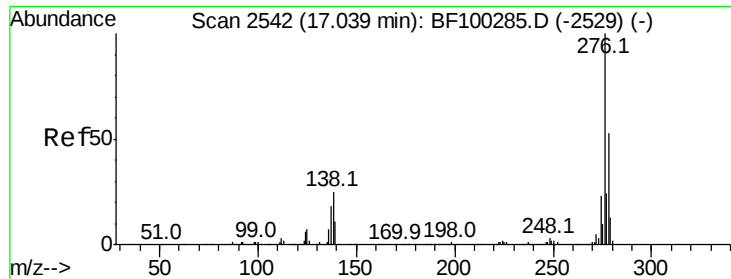


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

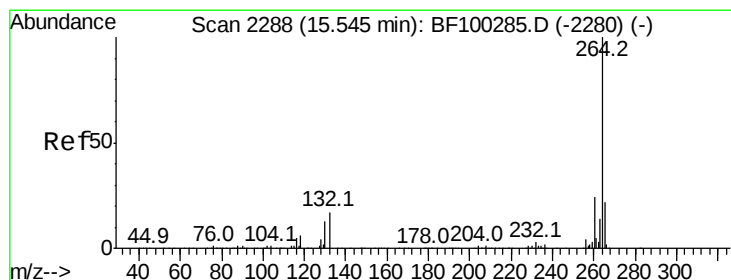
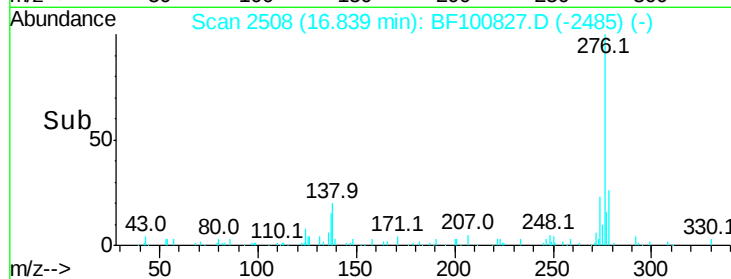
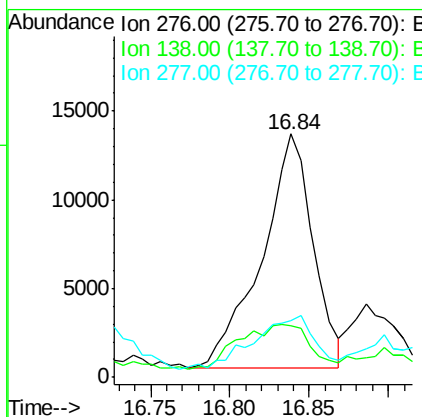
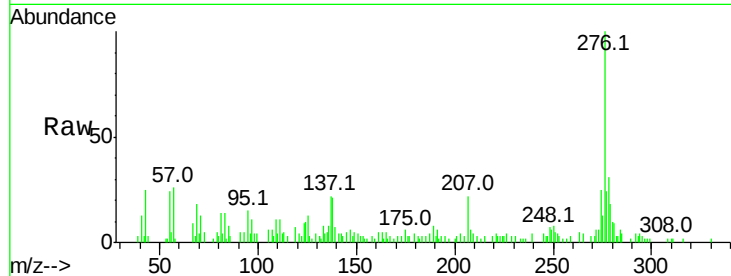




#85
Indeno(1,2,3-cd)pyrene
Concen: 4.112 ng
RT: 16.84 min Scan# 2508
Delta R.T. -0.16 min
Lab File: BF100827.D
Acq: 22 Nov 2017 15:33

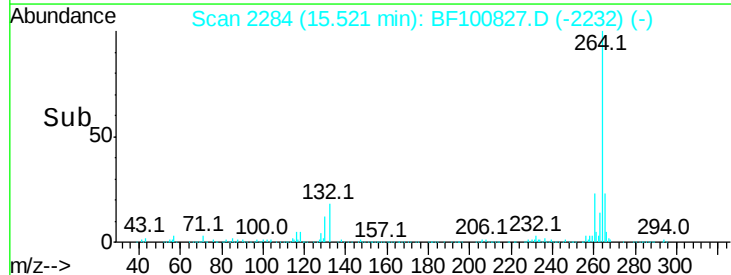
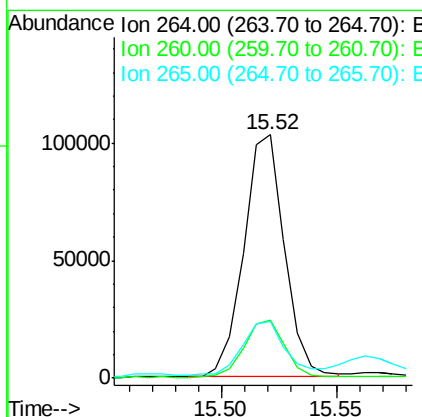
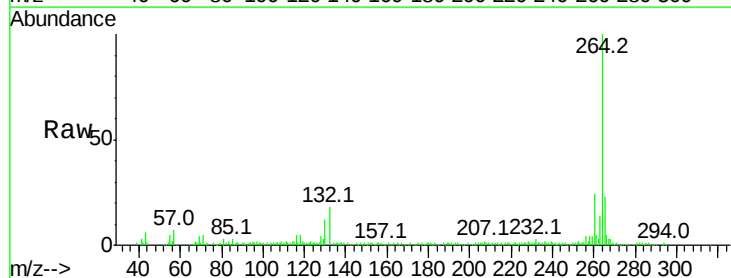
Instrument :
BNA_F
ClientSampleId :

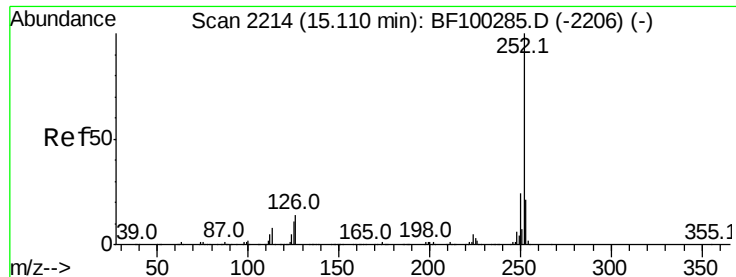
Tot Ion:276 Resp: 29445
Ion Ratio Lower Upper
276 100
138 26.4 25.0 37.6
277 26.8 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF100827.D
Acq: 22 Nov 2017 15:33

Tgt Ion:264 Resp: 126925
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 23.2 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 88.290 ng

RT: 15.09 min Scan# 2211

Delta R.T. 0.01 min

Lab File: BF100827.D

Acq: 22 Nov 2017 15:33

Instrument :

BNA_F

ClientSampleId :

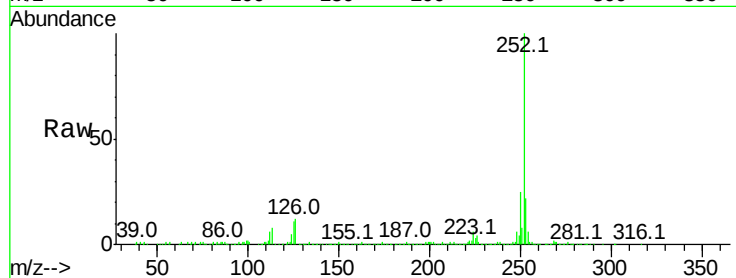
Tot Ion:252 Resp: 663906

Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.6

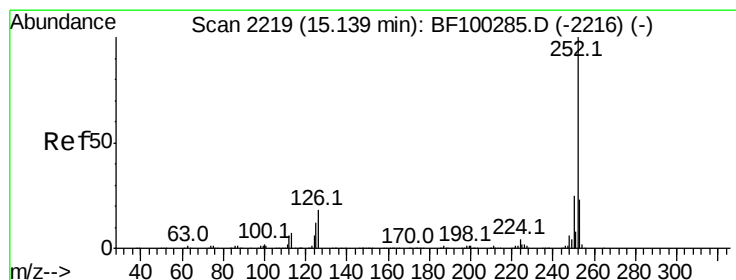
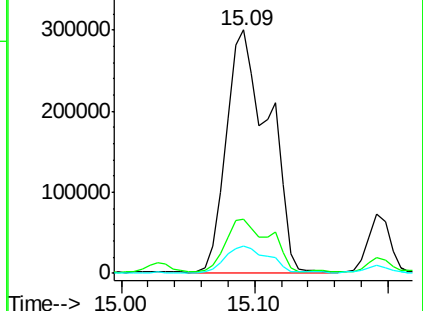
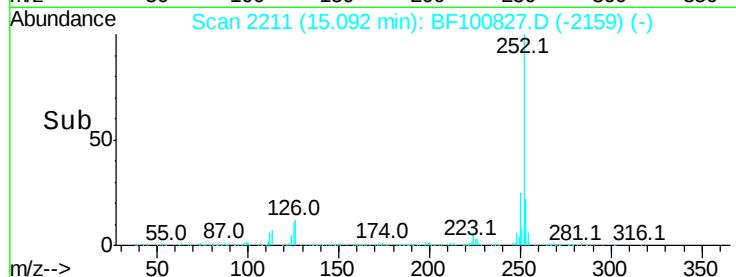
125 11.3 9.0 13.6



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: 93.442 ng

RT: 15.09 min Scan# 2211

Delta R.T. -0.02 min

Lab File: BF100827.D

Acq: 22 Nov 2017 15:33

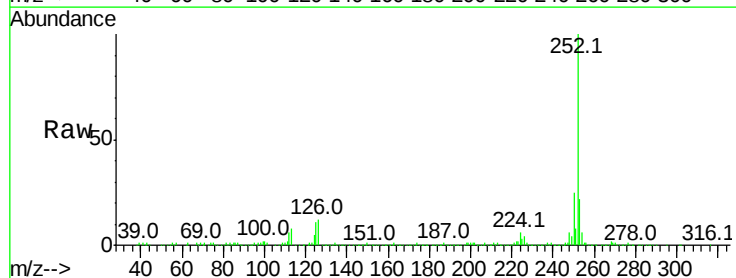
Tgt Ion:252 Resp: 663906

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

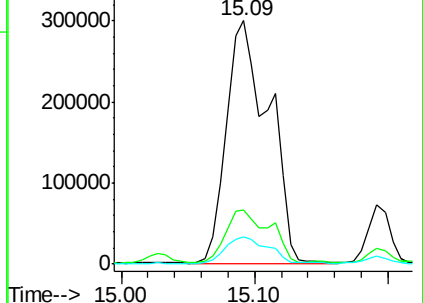
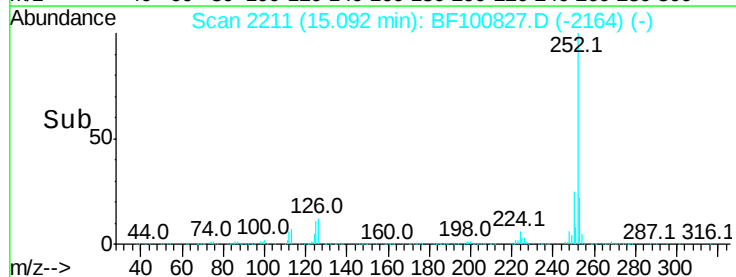
125 11.3 10.2 15.2

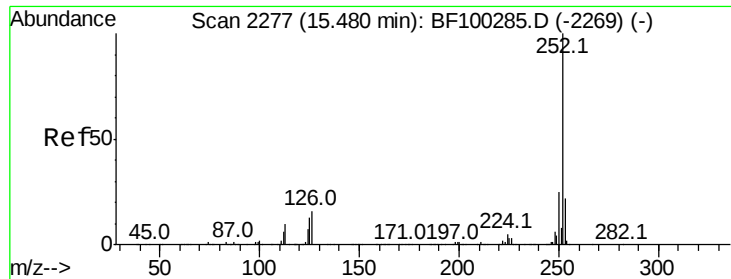


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

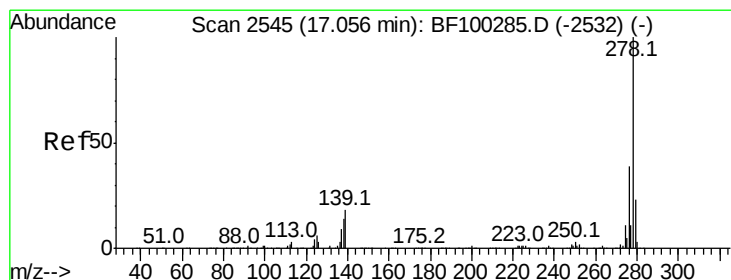
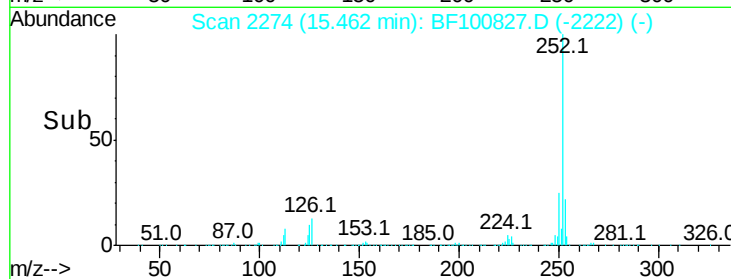
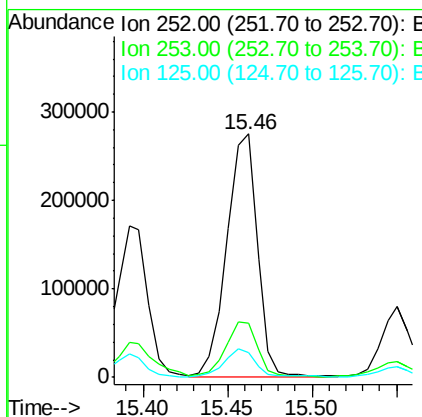
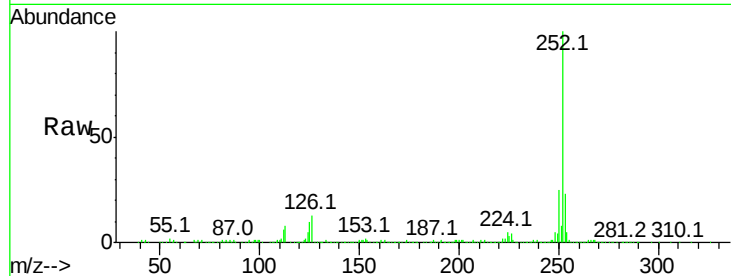




#89
Benzo(a)pyrene
Concen: 51.664 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF100827.D
Acq: 22 Nov 2017 15:33

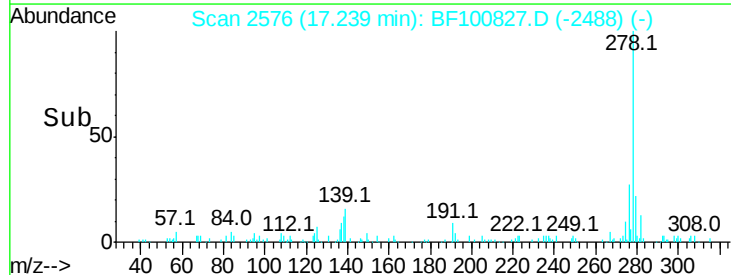
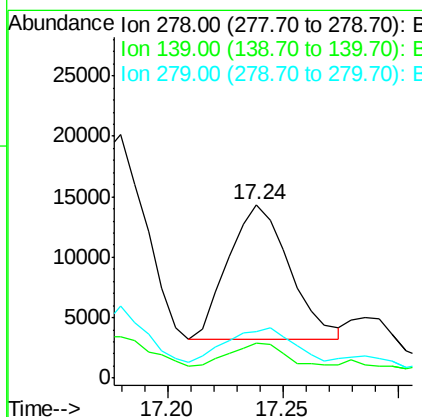
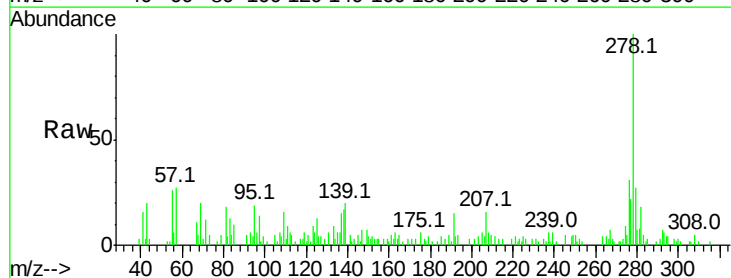
Instrument :
BNA_F
ClientSampleId :

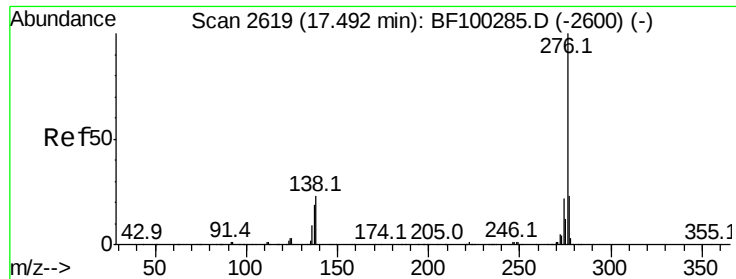
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	10.0	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 3.767 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.22 min
Lab File: BF100827.D
Acq: 22 Nov 2017 15:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.4	15.9	23.9
279	26.8	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 28.062 ng
 RT: 17.46 min Scan# 2613
 Delta R.T. -0.00 min
 Lab File: BF100827.D
 Acq: 22 Nov 2017 15:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	17.9	26.9
138	21.4	21.8	32.8

