

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
 Data File : BF100900.D
 Acq On : 27 Nov 2017 18:54
 Operator : SJ/JU
 Sample : I6548-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 22:00:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 14:11:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	71932	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	277489	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	124656	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	207696	20.00	ng	0.00
75) Chrysene-d12	14.03	240	146882	20.00	ng	0.00
86) Perylene-d12	15.50	264	145141	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	467608	104.21	ng	0.01
7) Phenol-d6	6.49	99	569971	103.00	ng	0.00
23) Nitrobenzene-d5	7.42	82	345102	82.22	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	136386	107.37	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	679900	83.05	ng	0.00
78) Terphenyl-d14	12.97	244	489660	76.60	ng	0.00

Target Compounds

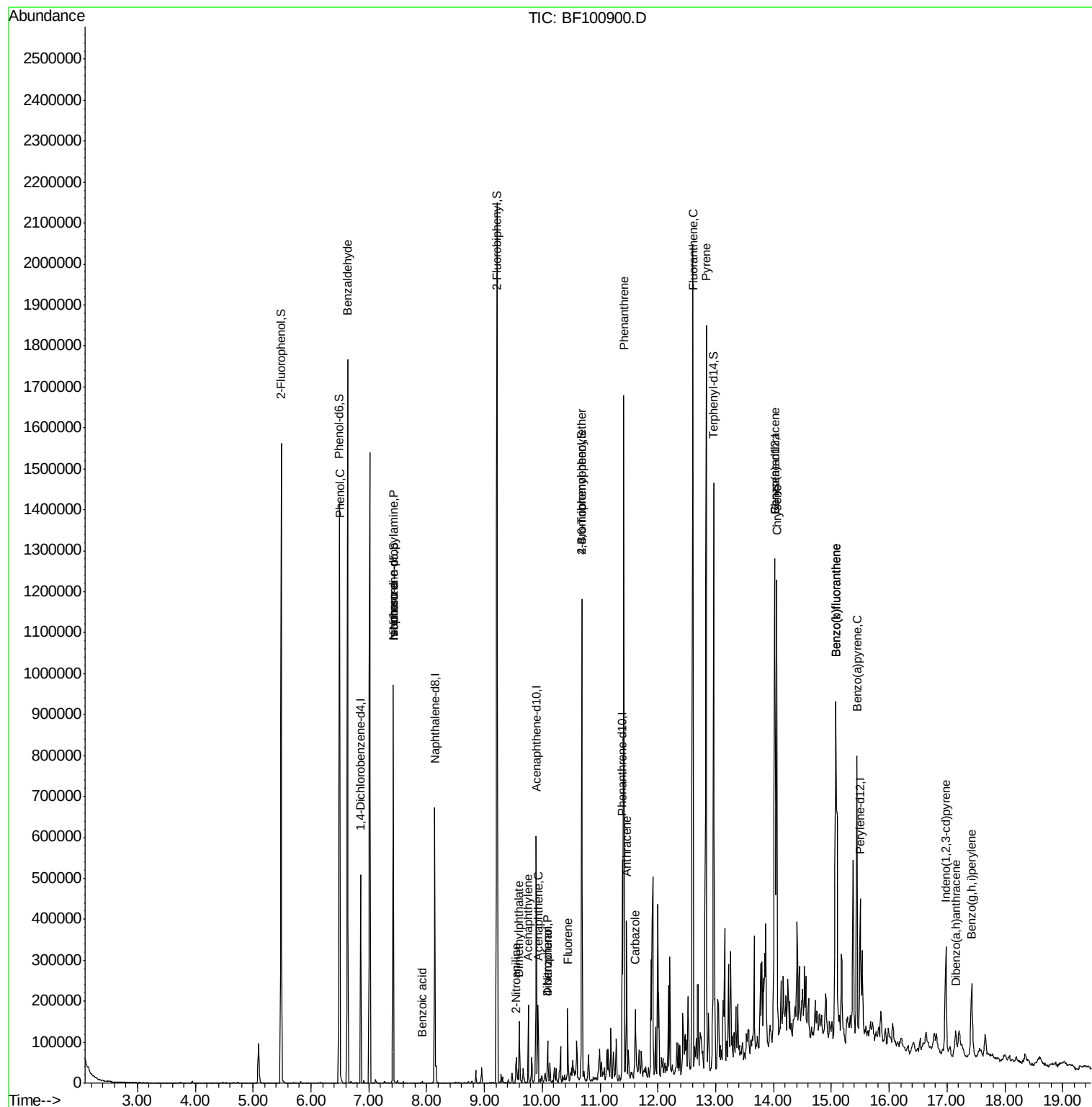
						Qvalue
9) Benzaldehyde	6.63	77	10134	2.564	ng	86
10) Phenol	6.50	94	21774	3.748	ng	98
19) n-Nitroso-di-n-propylamine	7.42	70	45269	11.796	ng	# 80
25) Isophorone	7.42	82	345094	39.126	ng	# 64
32) Benzoic acid	7.93	122	791	9.581	ng	# 16
47) 2-Nitroaniline	9.55	65	116	2.831	ng	# 2
48) Acenaphthylene	9.76	152	72735	5.611	ng	99
49) Dimethylphthalate	9.60	163	54084	5.682	ng	99
51) Acenaphthene	9.93	154	37585	4.768	ng	99
54) Dibenzofuran	10.10	168	26911	2.436	ng	# 93
55) 4-Nitrophenol	10.10	139	9686	5.362	ng	# 11
57) Fluorene	10.44	166	51592	6.374	ng	98
66) 4-Bromophenyl-phenylether	10.69	248	8594	3.860	ng	# 1
70) Phenanthrene	11.41	178	706848	64.638	ng	99
71) Anthracene	11.46	178	144516	13.026	ng	99
72) Carbazole	11.61	167	59876	5.849	ng	98
74) Fluoranthene	12.60	202	984509	84.948	ng	97
77) Pyrene	12.83	202	822578	78.563	ng	99
80) Benzo(a)anthracene	14.02	228	426778	48.250	ng	95
82) Chrysene	14.06	228	423748	49.472	ng	98
85) Indeno(1,2,3-cd)pyrene	16.98	276	167694	24.205	ng	# 89
87) Benzo(b)fluoranthene	15.07	252	673568	78.333	ng	96
88) Benzo(k)fluoranthene	15.07	252	673568	82.904	ng	97
89) Benzo(a)pyrene	15.44	252	334968	43.941	ng	96
90) Dibenzo(a,h)anthracene	17.15	278	33005	5.294	ng	94
91) Benzo(g,h,i)perylene	17.43	276	144682	23.708	ng	# 93

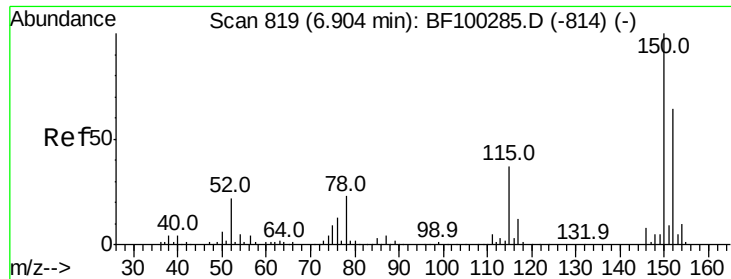
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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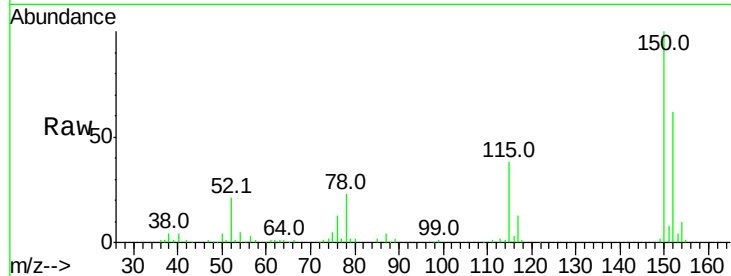


#1

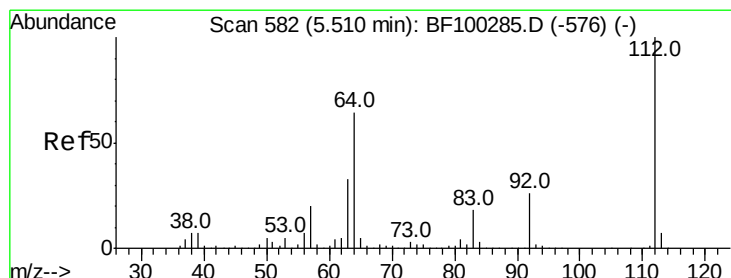
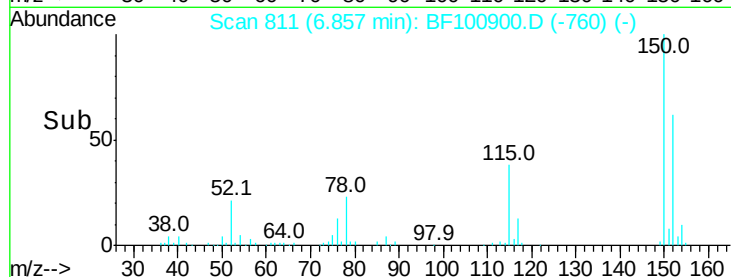
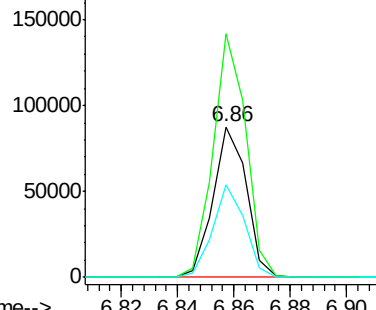
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF100900.D
Acq: 27 Nov 2017 18:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 71932
Ion Ratio Lower Upper
152 100
150 162.0 124.6 186.8
115 61.9 50.1 75.1



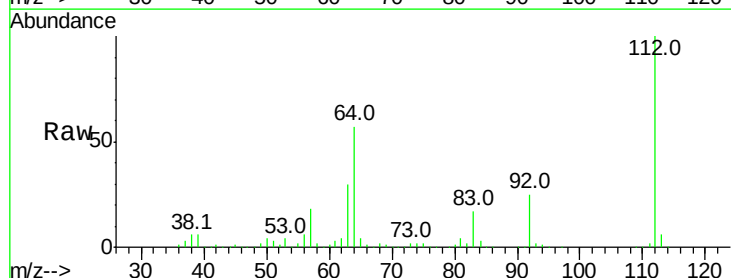
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



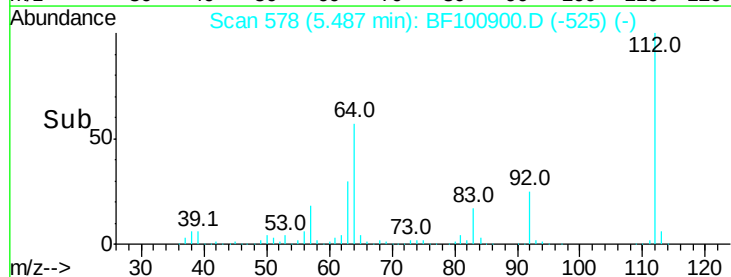
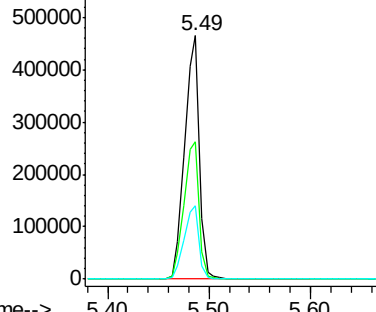
#5

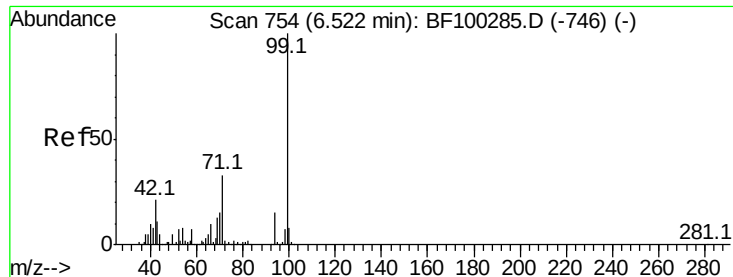
2-Fluorophenol
Concen: 104.205 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF100900.D
Acq: 27 Nov 2017 18:54

Tgt Ion:112 Resp: 467608
Ion Ratio Lower Upper
112 100
64 56.6 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: 103.003 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF100900.D

Acq: 27 Nov 2017 18:54

Instrument :

BNA_F

ClientSampleId :

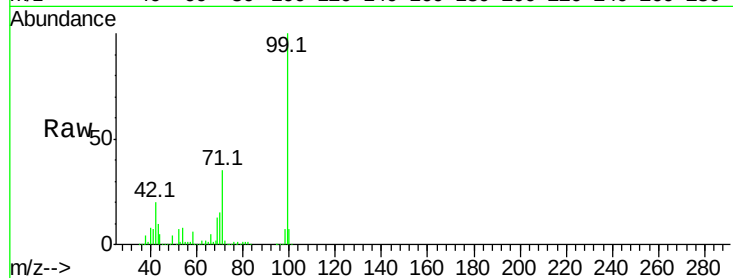
Tot Ion: 99 Resp: 569971

Ion Ratio Lower Upper

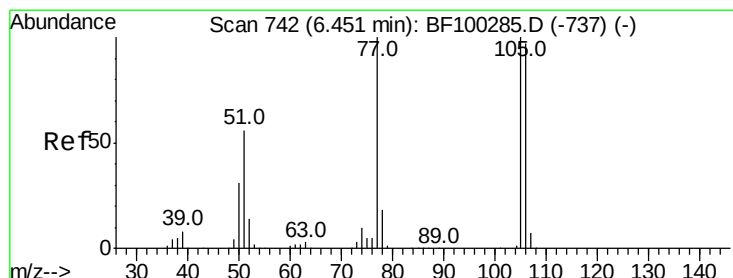
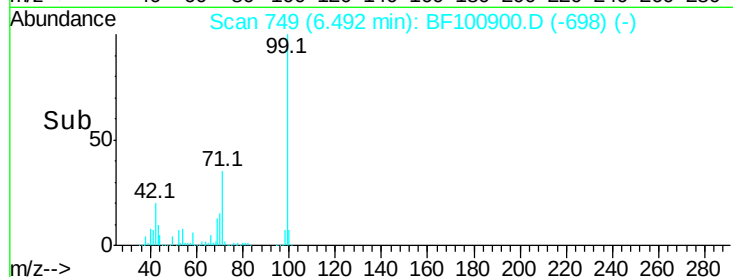
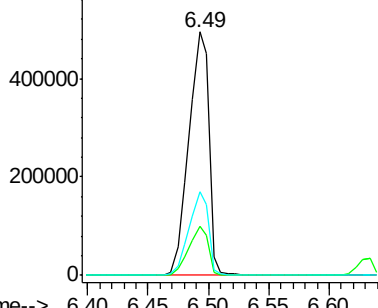
99 100

42 20.0 14.5 21.7

71 34.5 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: 2.564 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.22 min

Lab File: BF100900.D

Acq: 27 Nov 2017 18:54

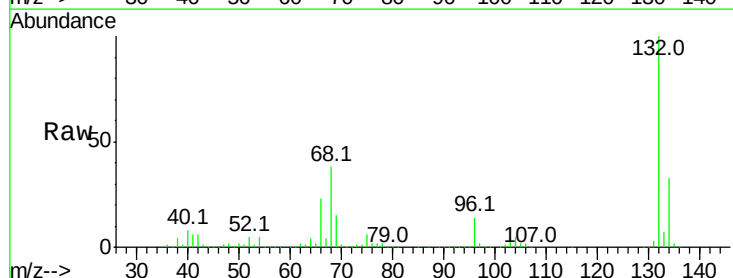
Tgt Ion: 77 Resp: 10134

Ion Ratio Lower Upper

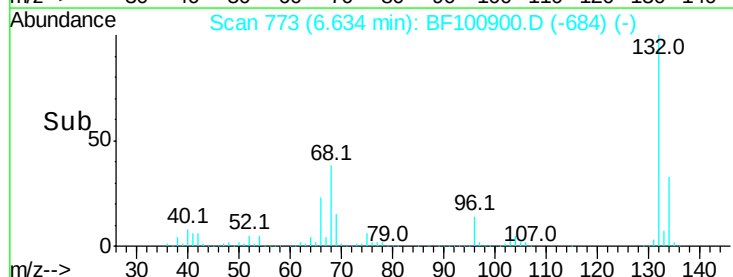
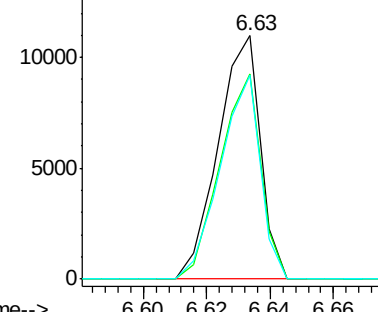
77 100

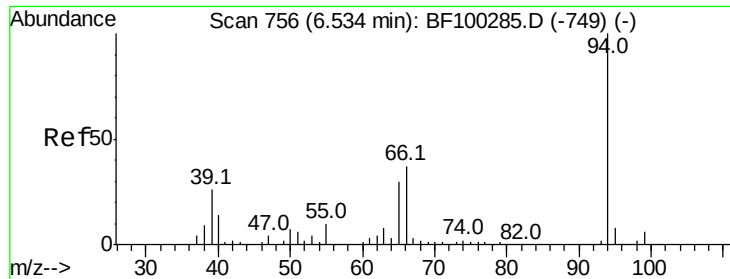
105 84.1 81.1 121.1

106 84.0 74.5 114.5



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

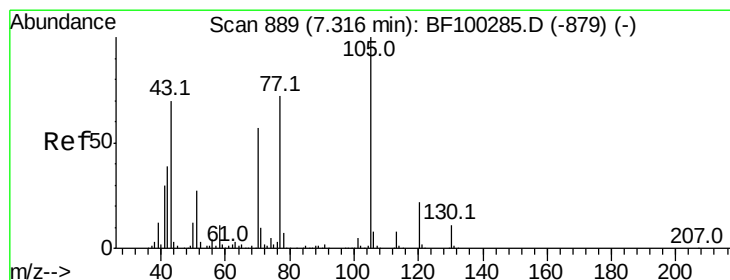
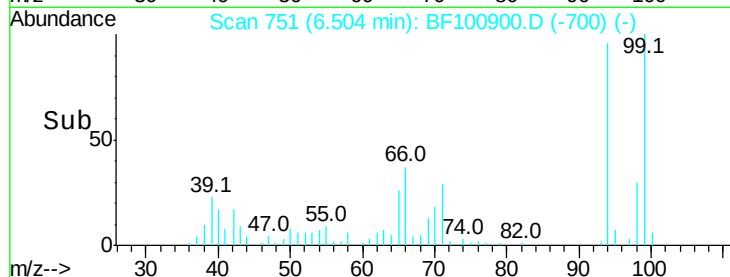
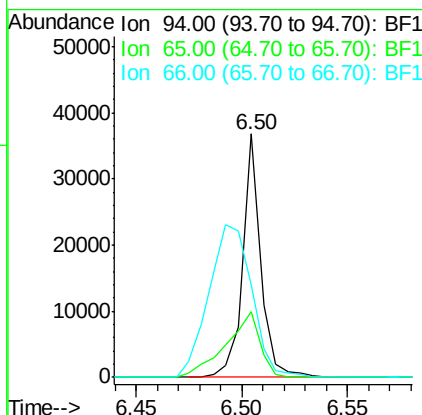
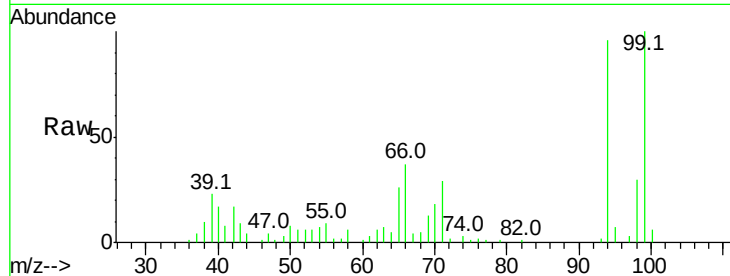




#10
Phenol
Concen: 3.748 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF100900.D
Acq: 27 Nov 2017 18:54

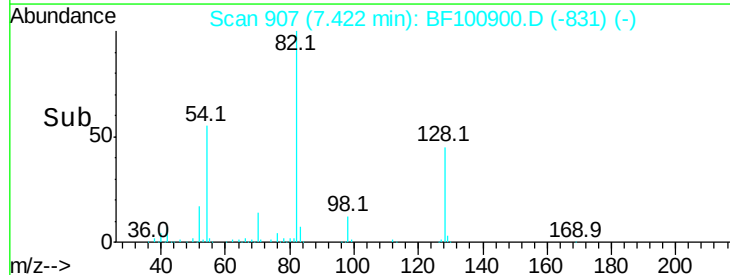
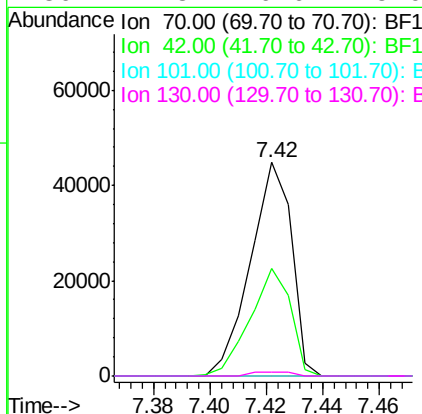
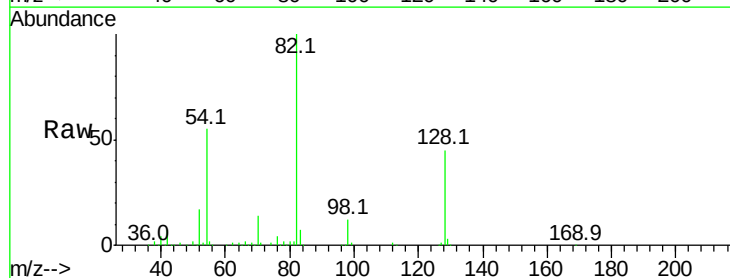
Instrument :
BNA_F
ClientSampled :

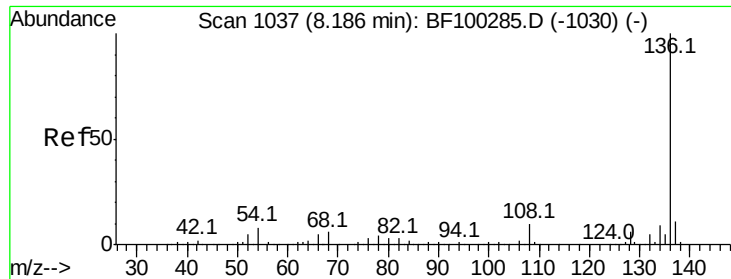
Tot Ion: 94 Resp: 21774
Ion Ratio Lower Upper
94 100
65 27.2 7.9 47.9
66 38.0 16.2 56.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.796 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF100900.D
Acq: 27 Nov 2017 18:54

Tgt Ion: 70 Resp: 45269
Ion Ratio Lower Upper
70 100
42 50.6 47.5 71.3
101 0.0 7.4 11.2#
130 1.8 16.6 25.0#

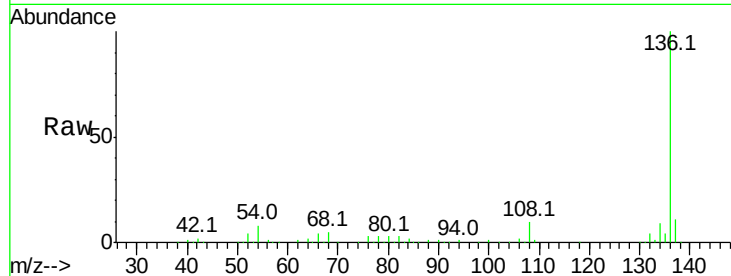




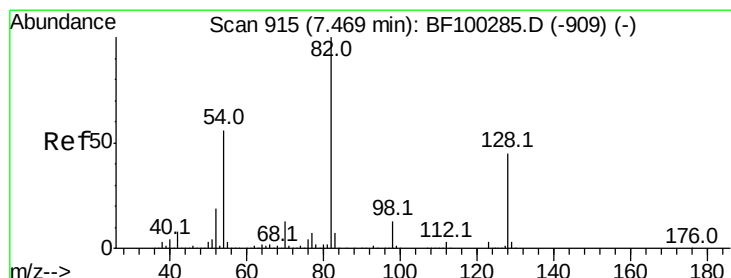
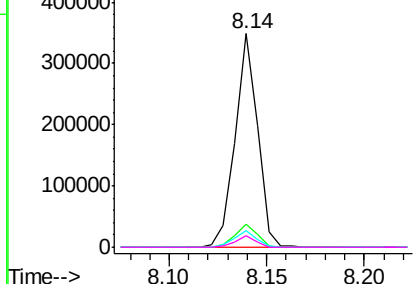
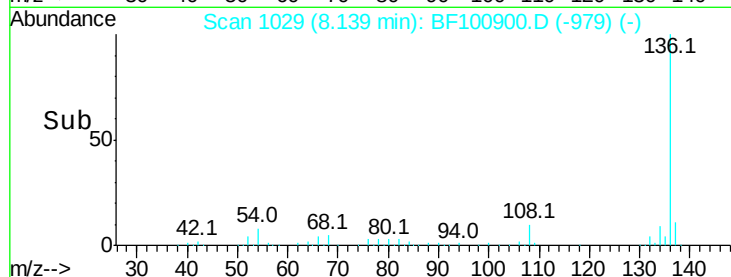
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF100900.D
Acq: 27 Nov 2017 18:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	277489
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.9	13.3
54 7.7	6.6	9.8
68 5.2	5.0	7.4

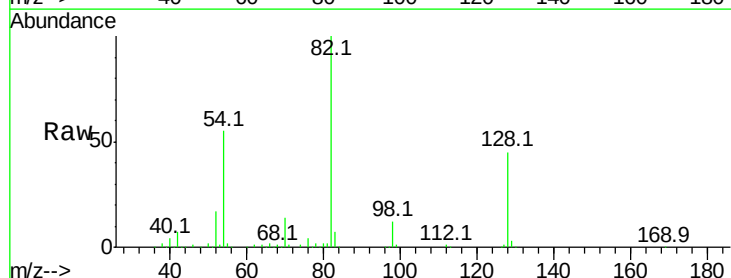


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

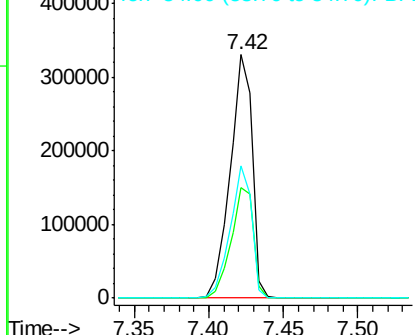
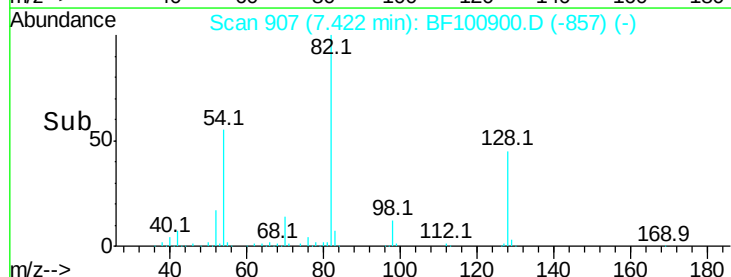


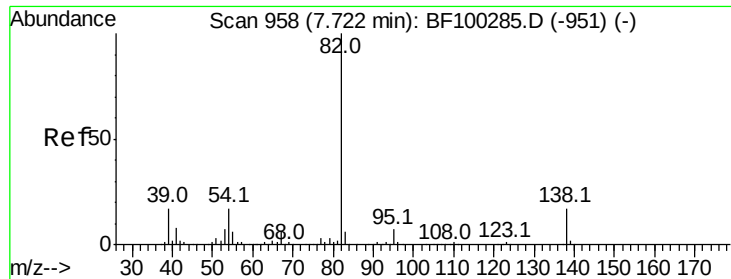
#23
Nitrobenzene-d5
Concen: 82.223 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100900.D
Acq: 27 Nov 2017 18:54

Tgt	Ion: 82	Resp:	345102
Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	54.6	41.4	62.2



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

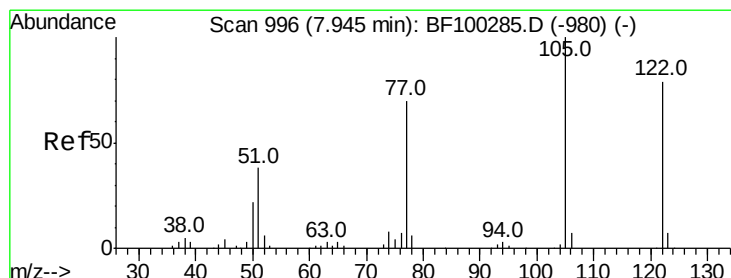
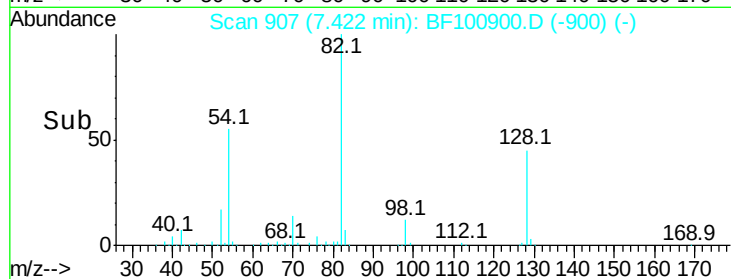
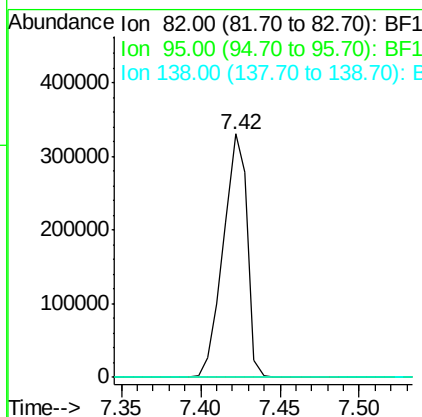
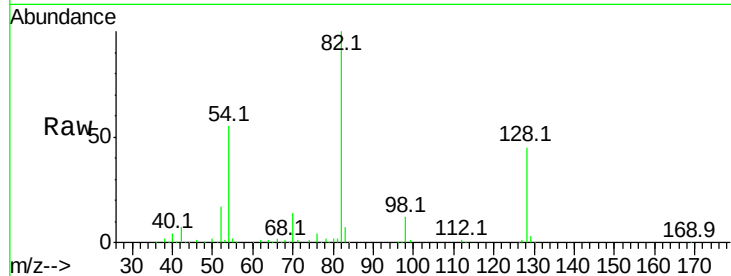




#25
Isophorone
Concen: 39.126 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.26 min
Lab File: BF100900.D
Acq: 27 Nov 2017 18:54

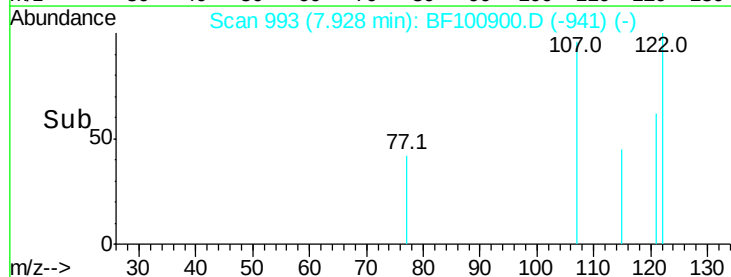
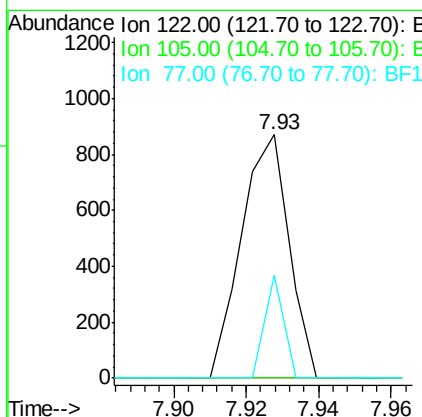
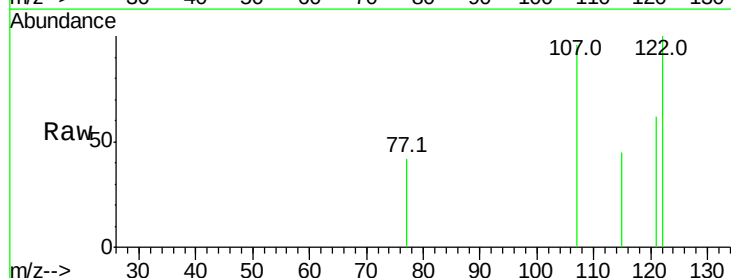
Instrument :
BNA_F
ClientSampled :

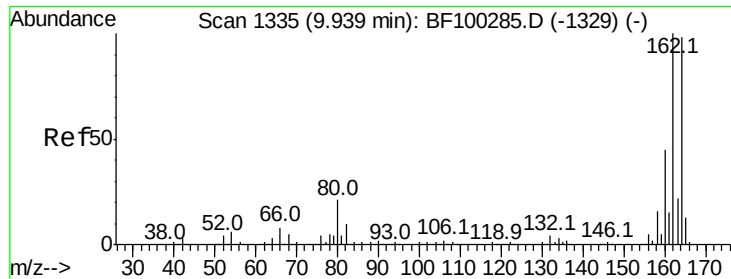
Tot Ion: 82 Resp: 345094
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#32
Benzoic acid
Concen: 9.581 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF100900.D
Acq: 27 Nov 2017 18:54

Tgt Ion: 122 Resp: 791
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 42.3 70.7 110.7#

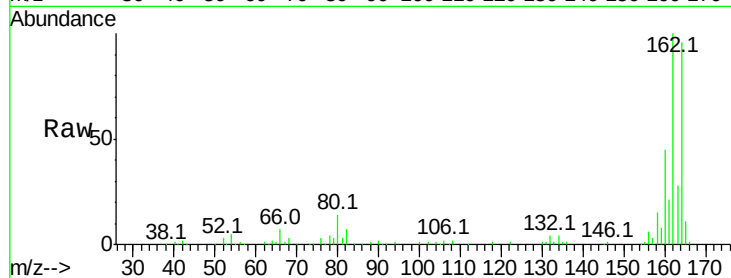




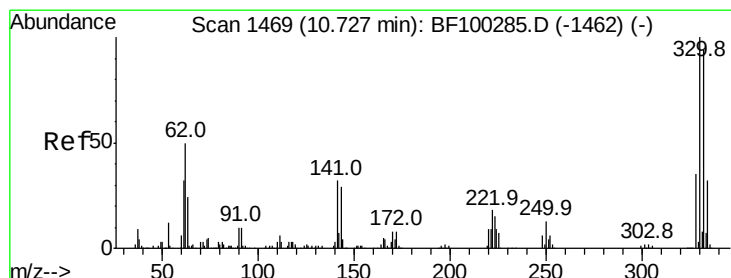
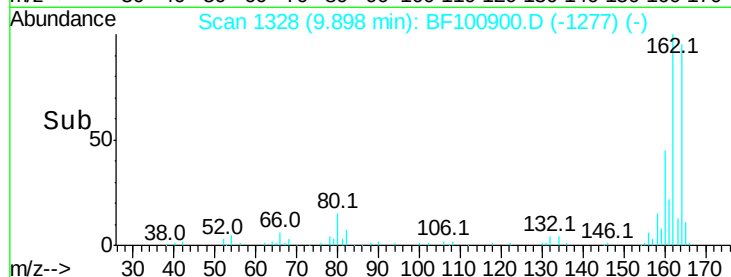
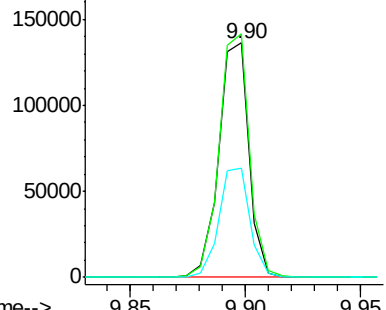
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF100900.D
 Acq: 27 Nov 2017 18:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 124656
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 46.6 38.3 57.5

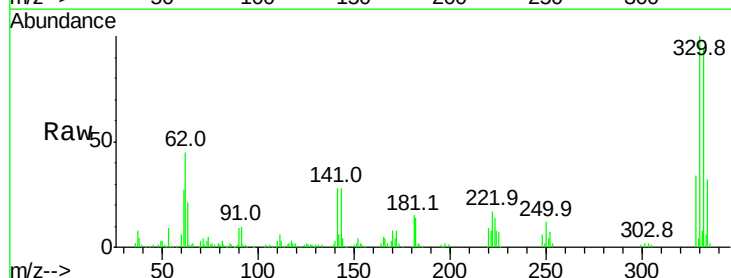


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

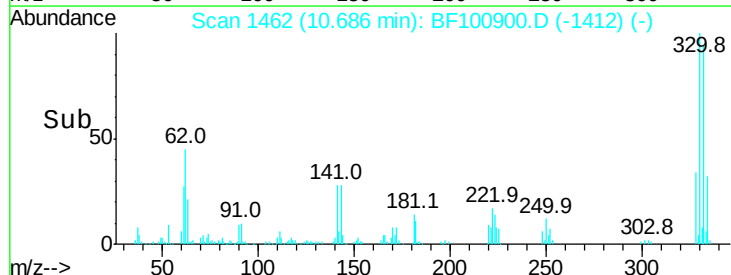
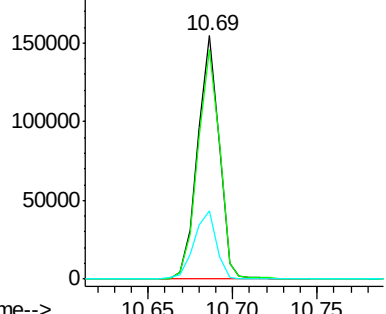


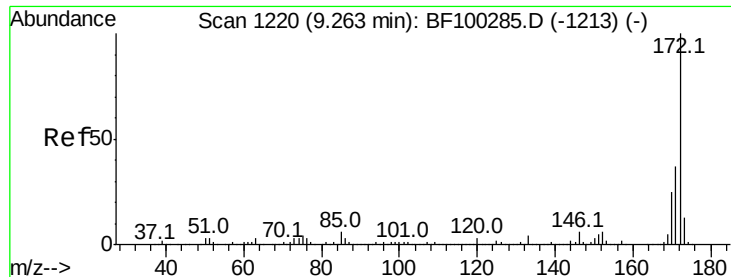
#41
 2,4,6-Tribromophenol
 Concen: 107.370 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF100900.D
 Acq: 27 Nov 2017 18:54

Tgt Ion:330 Resp: 136386
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 30.0 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

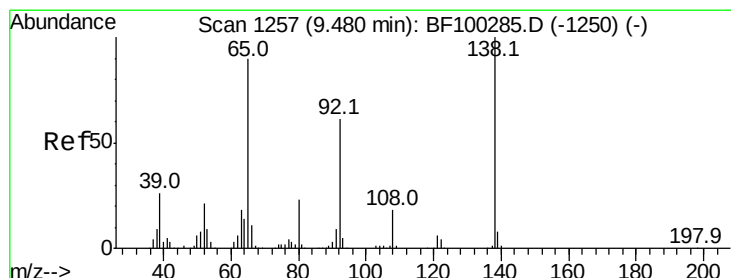
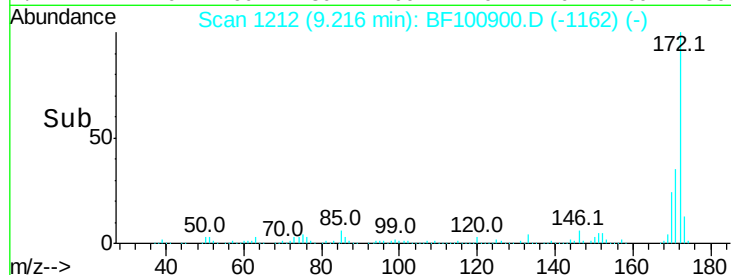
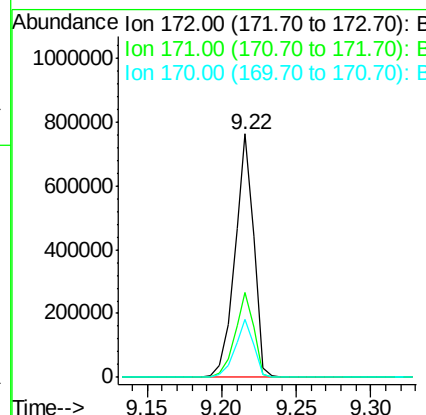
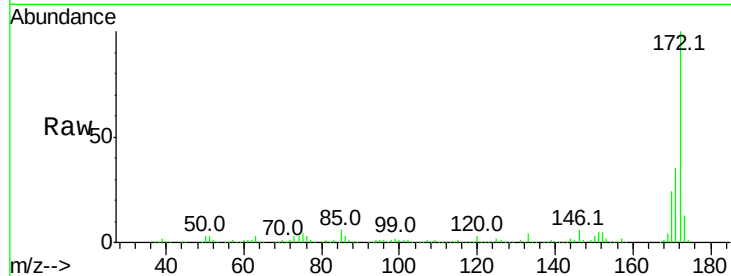




#44
 2-Fluorobiphenyl
 Concen: 83.052 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF100900.D
 Acq: 27 Nov 2017 18:54

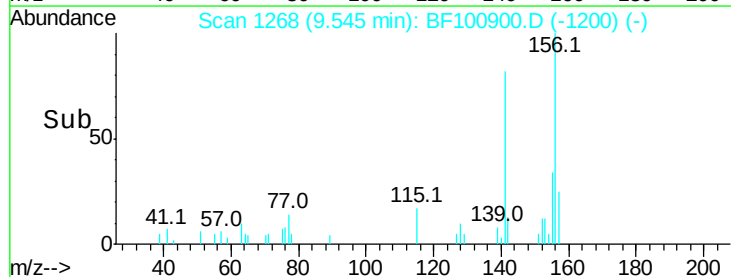
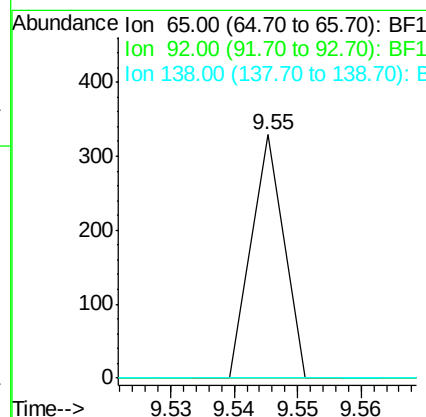
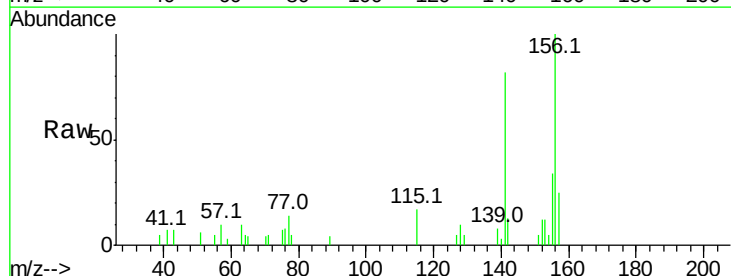
Instrument :
 BNA_F
 ClientSampleId :

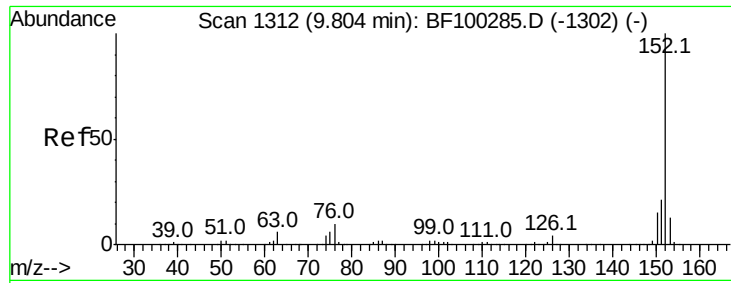
Tot Ion:172 Resp: 679900
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.7 44.5
 170 23.7 19.6 29.4



#47
 2-Nitroaniline
 Concen: 2.831 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. 0.10 min
 Lab File: BF100900.D
 Acq: 27 Nov 2017 18:54

Tgt Ion: 65 Resp: 116
 Ion Ratio Lower Upper
 65 100
 92 0.0 55.8 83.6#
 138 0.0 91.2 136.8#





#48

Acenaphthylene

Concen: 5.611 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF100900.D

Acq: 27 Nov 2017 18:54

Instrument :

BNA_F

ClientSampleId :

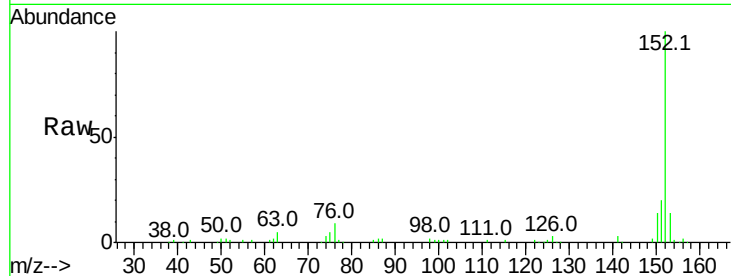
Tot Ion:152 Resp: 72735

Ion Ratio Lower Upper

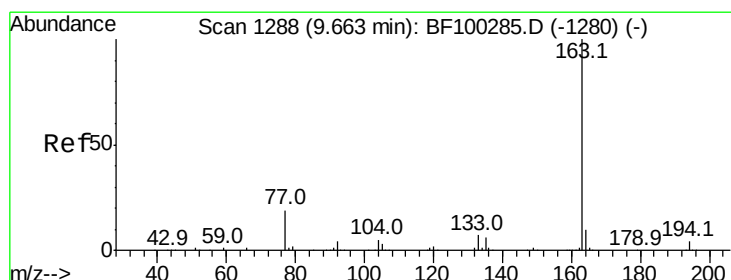
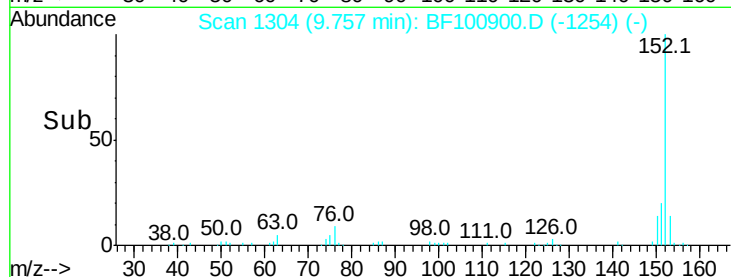
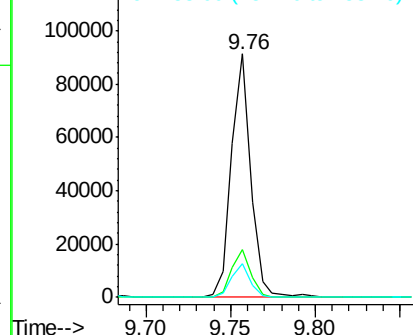
152 100

151 19.7 16.3 24.5

153 13.8 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: 5.682 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF100900.D

Acq: 27 Nov 2017 18:54

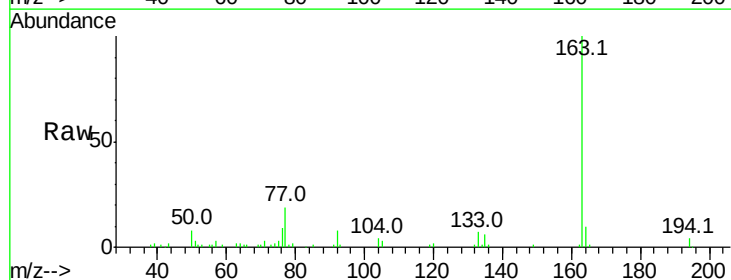
Tgt Ion:163 Resp: 54084

Ion Ratio Lower Upper

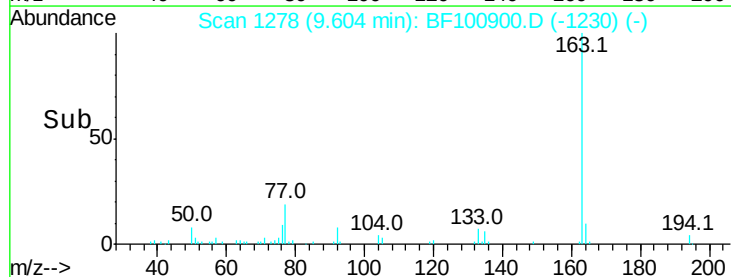
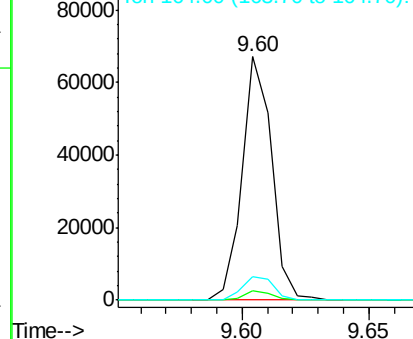
163 100

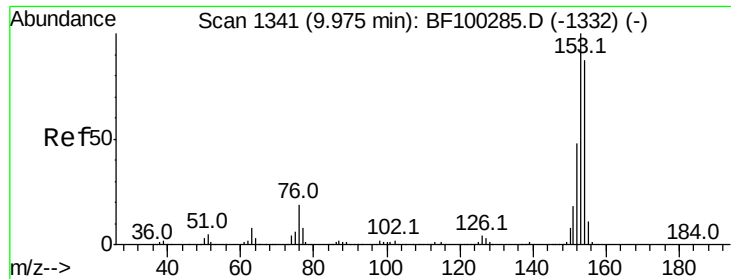
194 3.7 2.7 4.1

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: 4.768 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF100900.D

Acq: 27 Nov 2017 18:54

Instrument :

BNA_F

ClientSampleId :

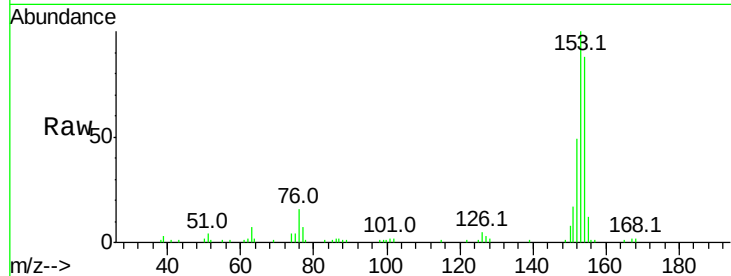
Tot Ion:154 Resp: 37585

Ion Ratio Lower Upper

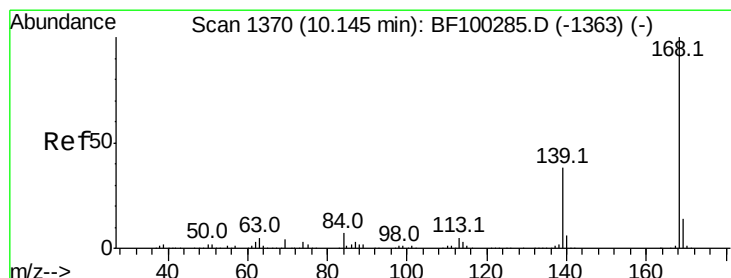
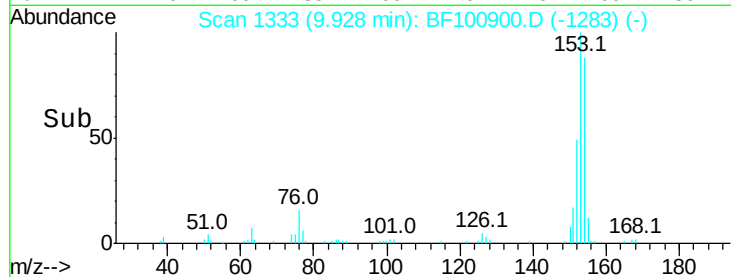
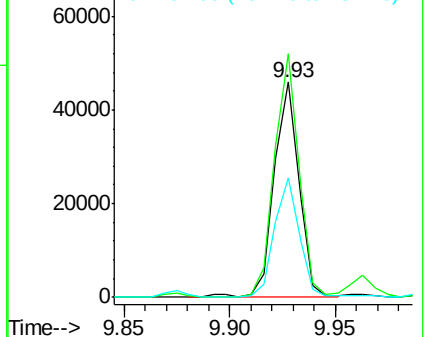
154 100

153 113.3 91.2 136.8

152 55.5 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: 2.436 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF100900.D

Acq: 27 Nov 2017 18:54

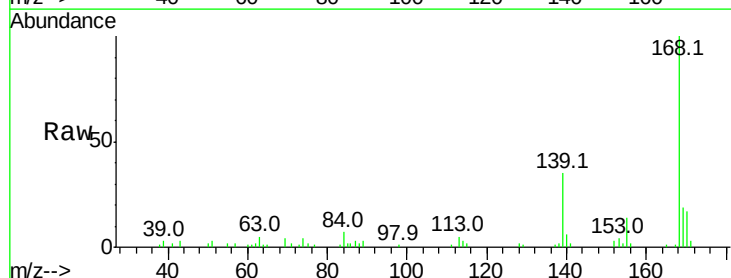
Tgt Ion:168 Resp: 26911

Ion Ratio Lower Upper

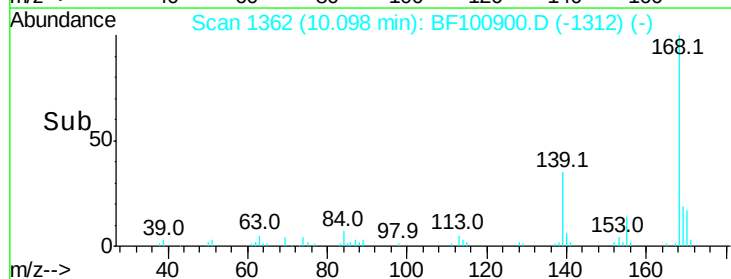
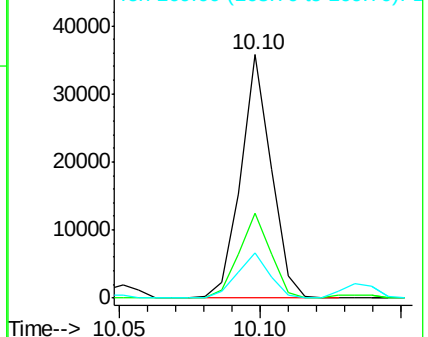
168 100

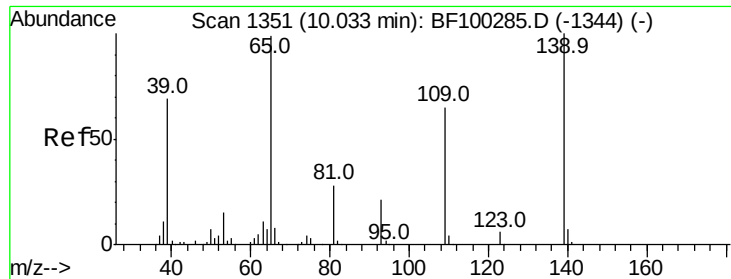
139 34.8 30.1 45.1

169 18.6 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: 5.362 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.09 min

Lab File: BF100900.D

Acq: 27 Nov 2017 18:54

Instrument :

BNA_F

ClientSampleId :

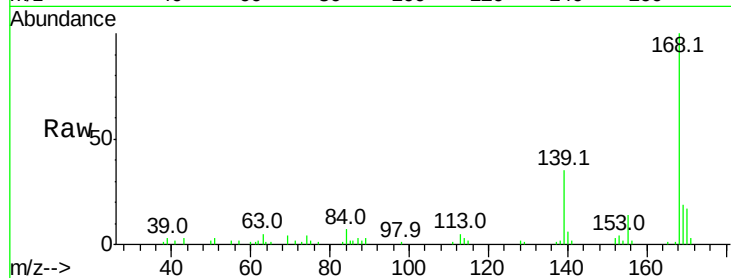
Tot Ion:139 Resp: 9686

Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

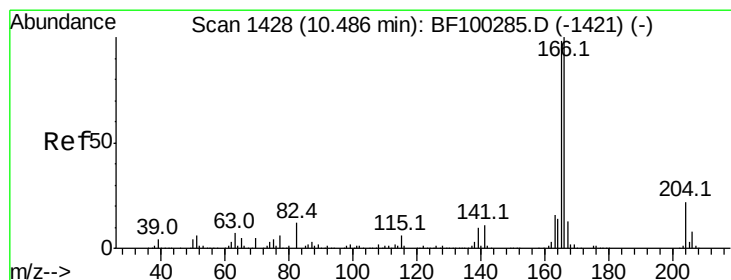
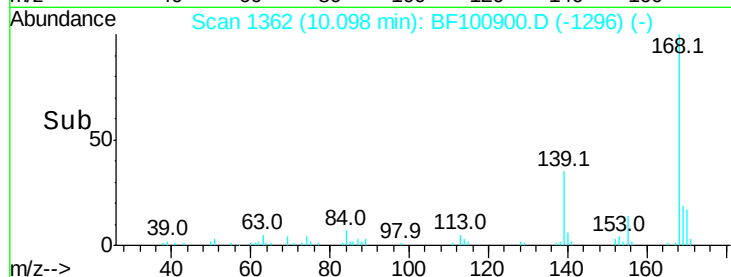
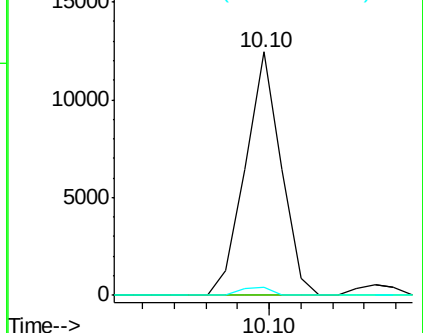
65 3.6 72.6 112.6#



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: 6.374 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF100900.D

Acq: 27 Nov 2017 18:54

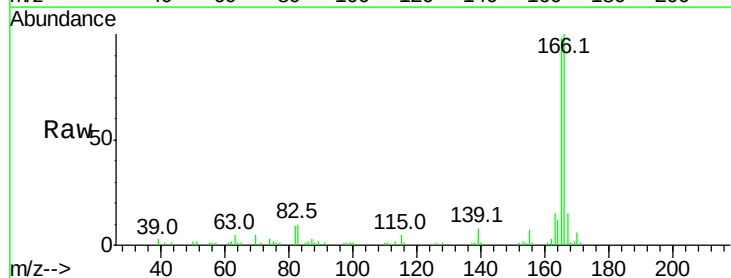
Tgt Ion:166 Resp: 51592

Ion Ratio Lower Upper

166 100

165 98.3 79.8 119.8

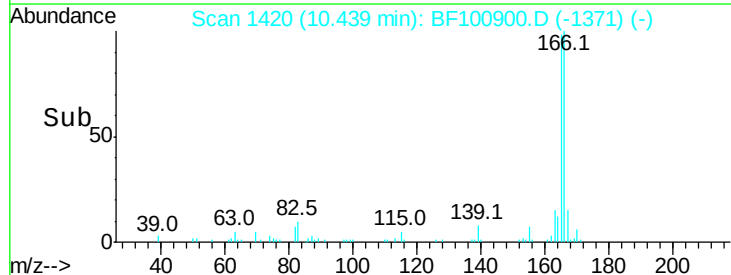
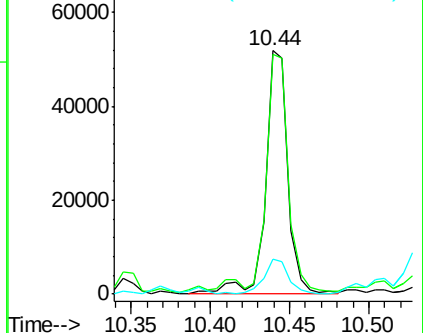
167 14.5 10.6 16.0

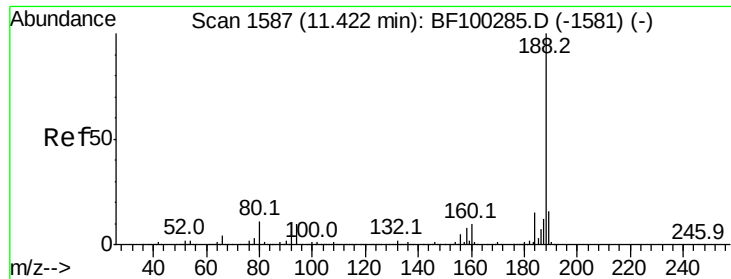


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

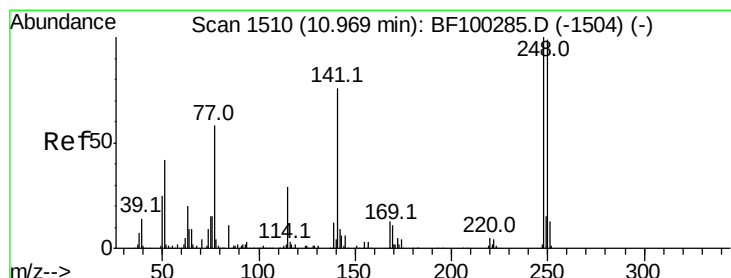
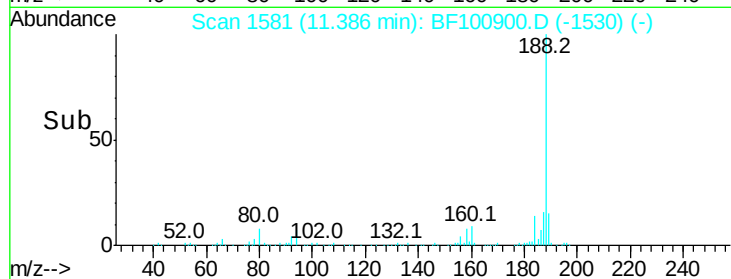
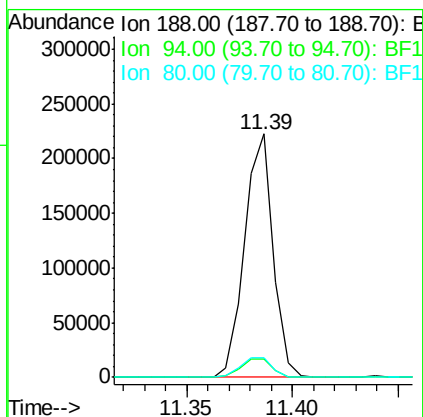
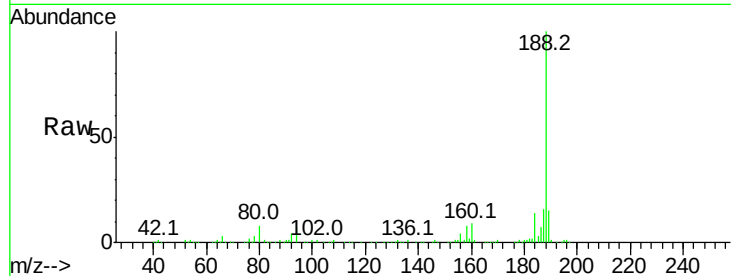




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF100900.D
Acq: 27 Nov 2017 18:54

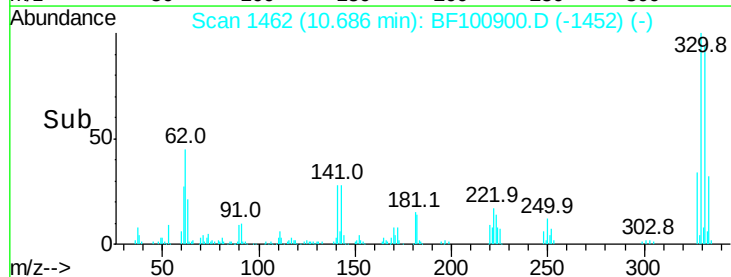
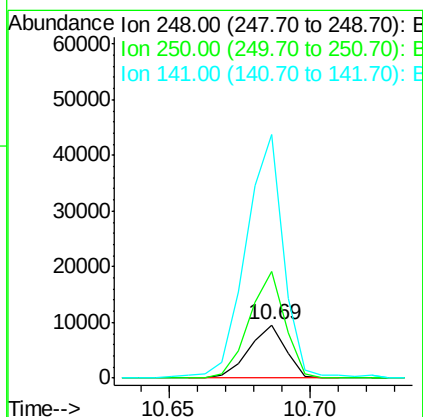
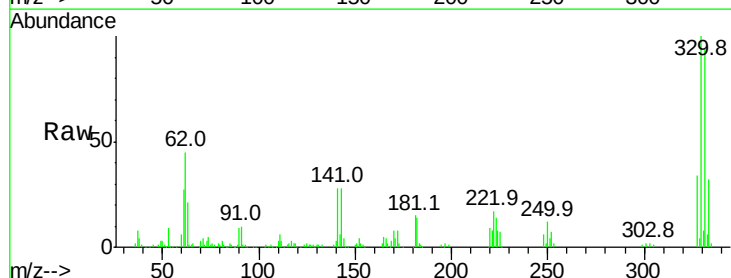
Instrument :
BNA_F
ClientSampled :

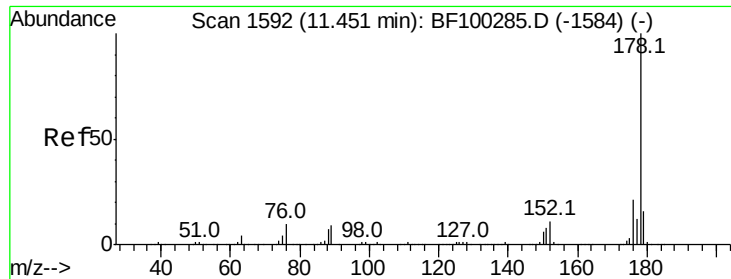
Tot Ion:188 Resp: 207696
Ion Ratio Lower Upper
188 100
94 7.3 8.5 12.7#
80 8.1 9.2 13.8#



#66
4-Bromophenyl-phenylether
Concen: 3.860 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.24 min
Lab File: BF100900.D
Acq: 27 Nov 2017 18:54

Tgt Ion:248 Resp: 8594
Ion Ratio Lower Upper
248 100
250 200.5 76.9 115.3#
141 459.4 74.4 111.6#

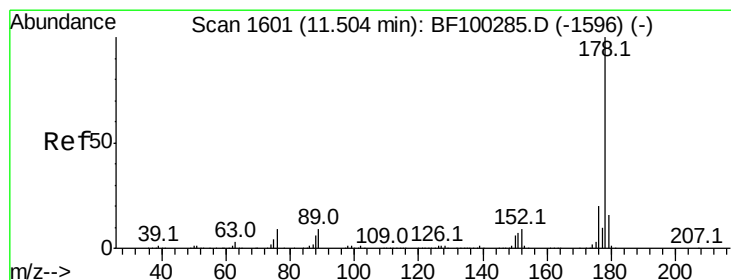
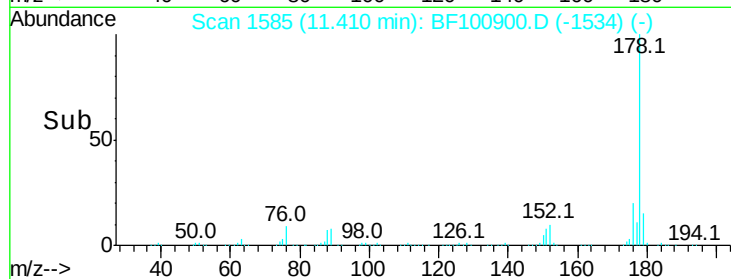
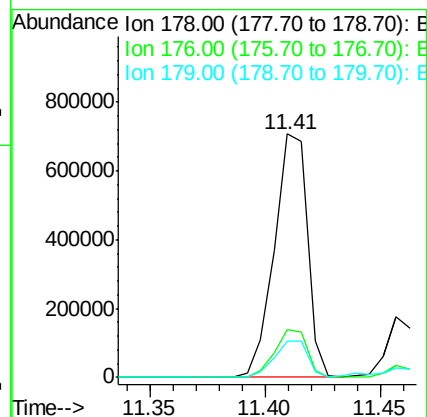
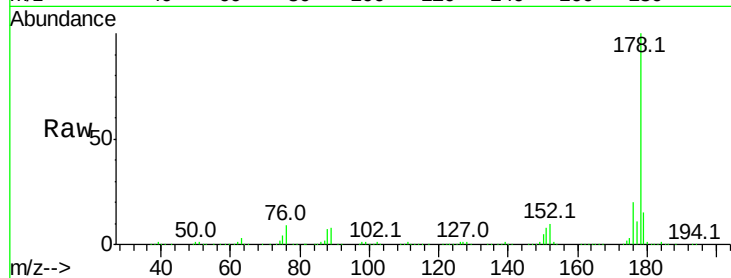




#70
Phenanthrene
Concen: 64.638 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF100900.D
Acq: 27 Nov 2017 18:54

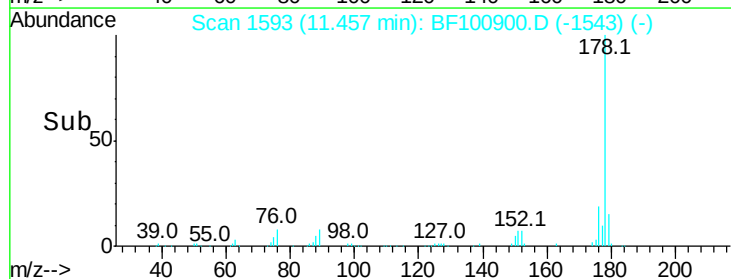
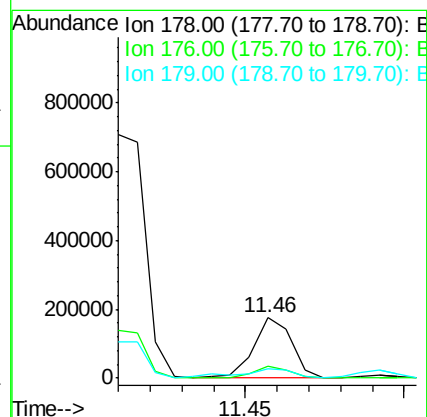
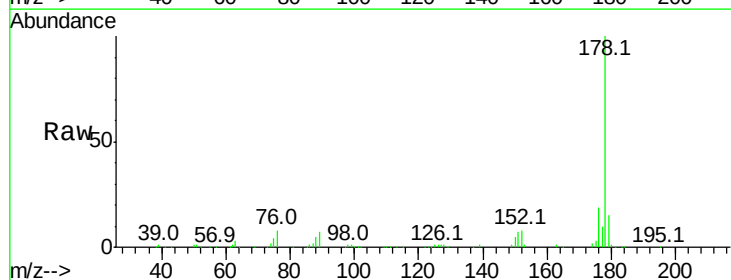
Instrument :
BNA_F
ClientSampled :

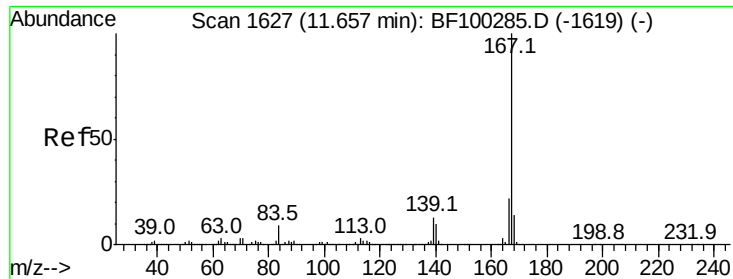
Tot Ion:178 Resp: 706848
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 15.1 13.0 19.6



#71
Anthracene
Concen: 13.026 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF100900.D
Acq: 27 Nov 2017 18:54

Tgt Ion:178 Resp: 144516
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 14.9 12.6 19.0

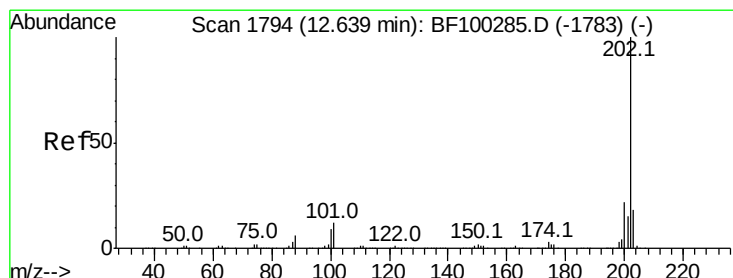
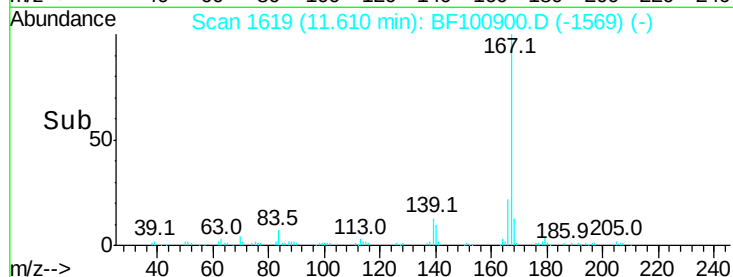
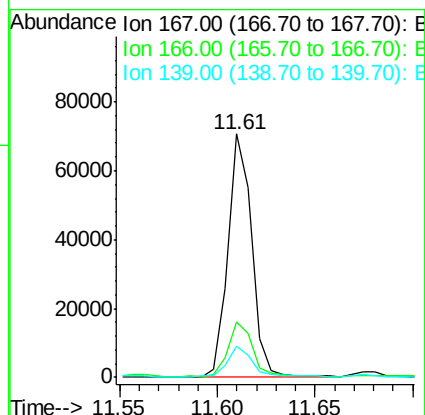
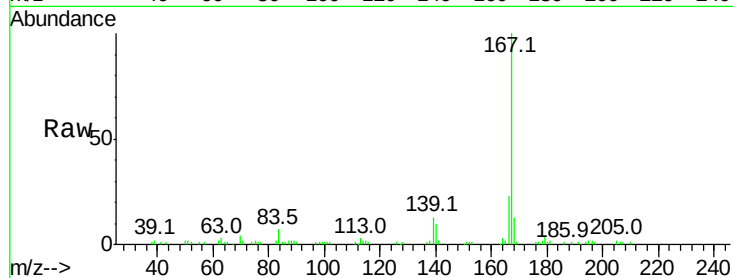




#72
 Carbazole
 Concen: 5.849 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF100900.D
 Acq: 27 Nov 2017 18:54

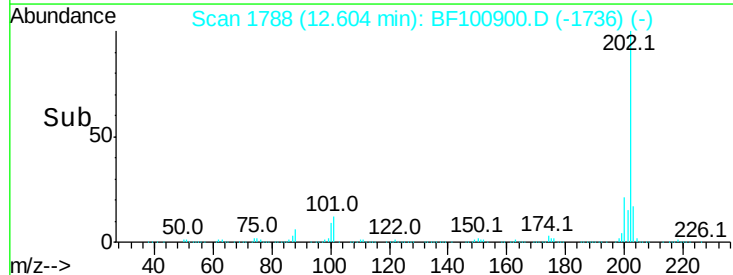
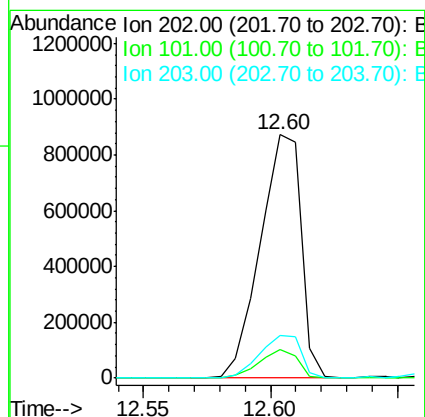
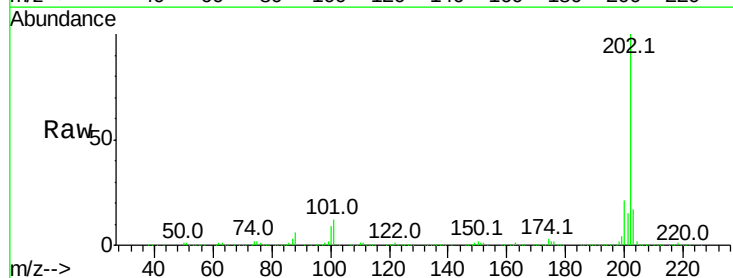
Instrument :
 BNA_F
 ClientSampleId :

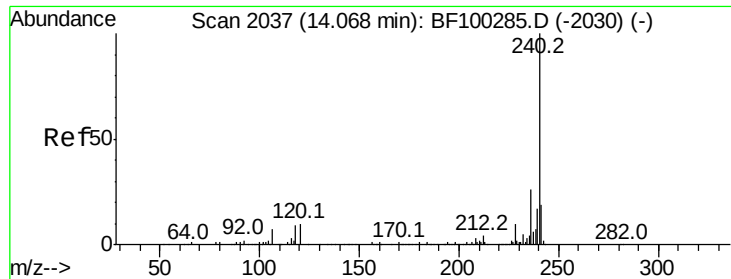
Tot Ion:167 Resp: 59876
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.6 26.4
 139 12.7 10.9 16.3



#74
 Fluoranthene
 Concen: 84.948 ng
 RT: 12.60 min Scan# 1788
 Delta R.T. 0.01 min
 Lab File: BF100900.D
 Acq: 27 Nov 2017 18:54

Tgt Ion:202 Resp: 984509
 Ion Ratio Lower Upper
 202 100
 101 12.0 0.0 34.1
 203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BF100900.D

Acq: 27 Nov 2017 18:54

Instrument :

BNA_F

ClientSampleId :

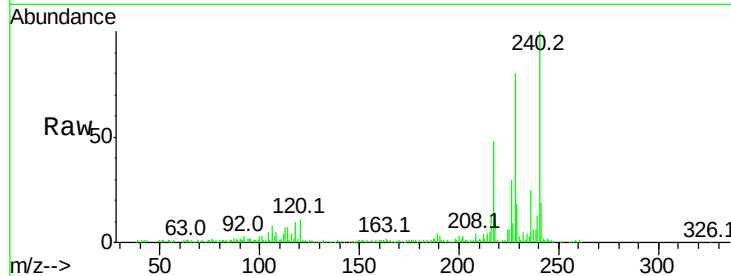
Tot Ion:240 Resp: 146882

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

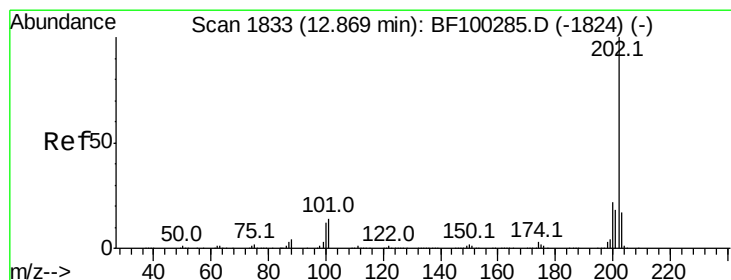
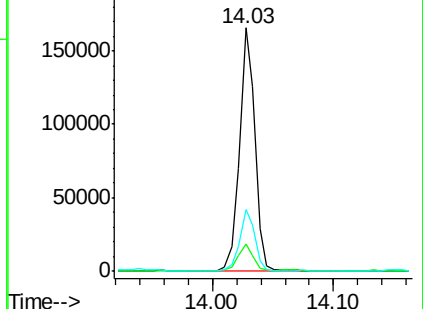
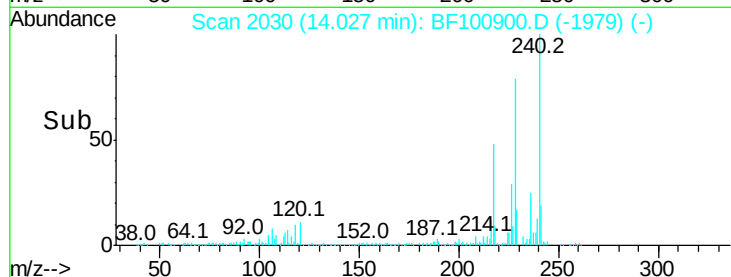
236 25.2 20.7 31.1



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

Pyrene

Concen: 78.563 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF100900.D

Acq: 27 Nov 2017 18:54

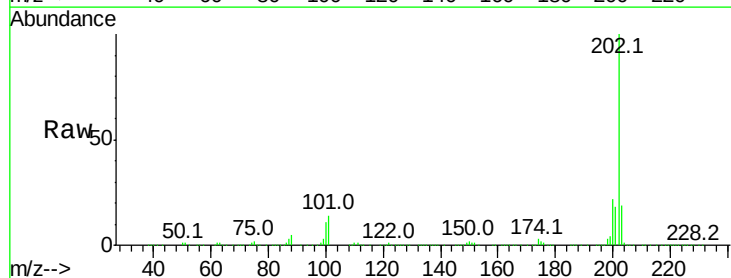
Tgt Ion:202 Resp: 822578

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

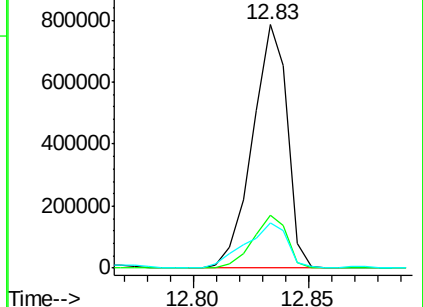
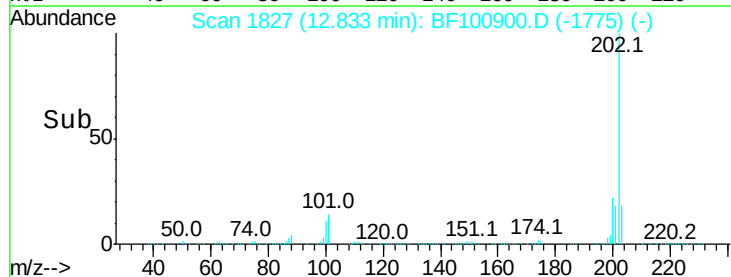
203 18.5 14.3 21.5

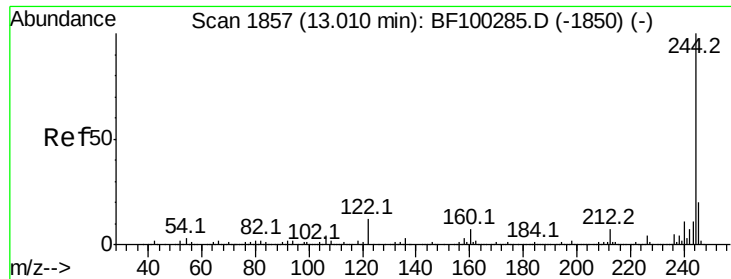


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 76.599 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF100900.D

Acq: 27 Nov 2017 18:54

Instrument :

BNA_F

ClientSampleId :

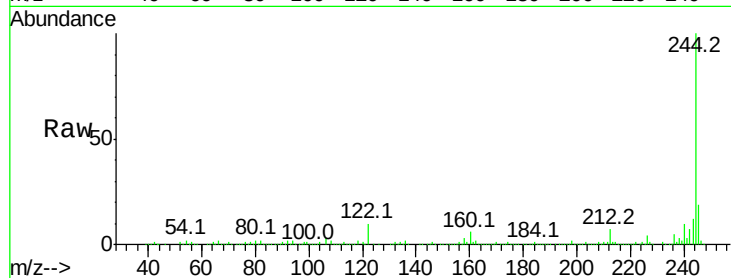
Tot Ion:244 Resp: 489660

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

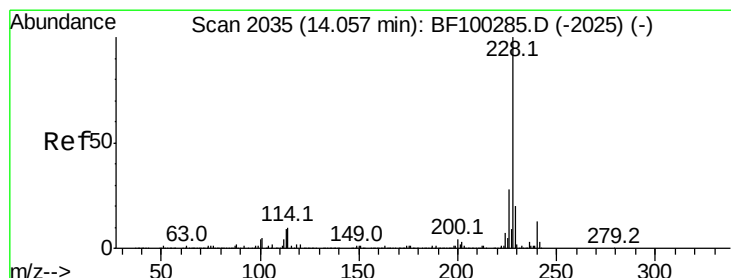
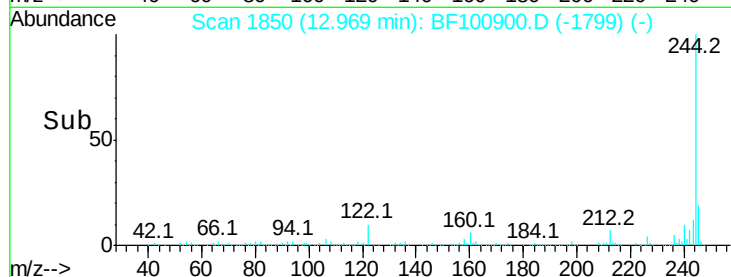
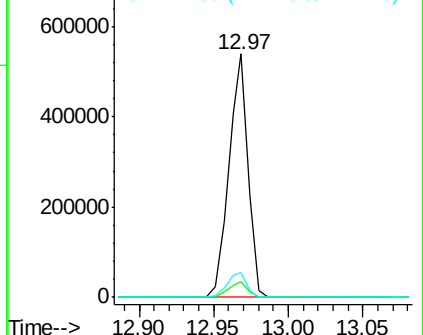
122 10.4 11.0 16.4#



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: 48.250 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF100900.D

Acq: 27 Nov 2017 18:54

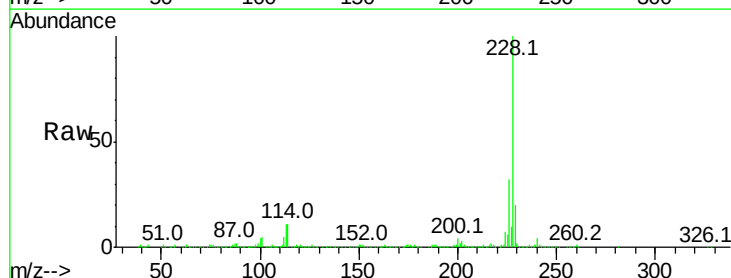
Tgt Ion:228 Resp: 426778

Ion Ratio Lower Upper

228 100

226 32.2 22.6 33.8

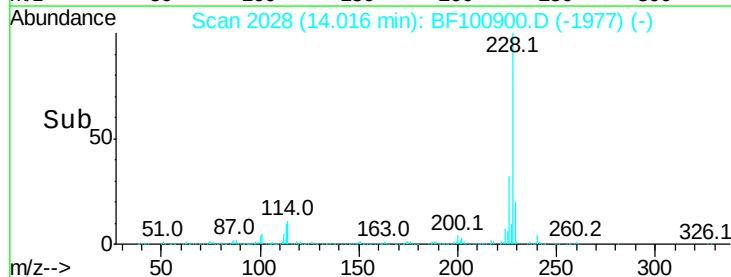
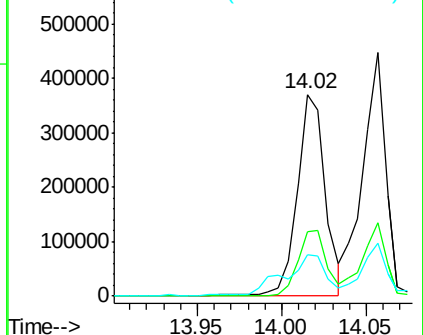
229 20.2 15.8 23.6

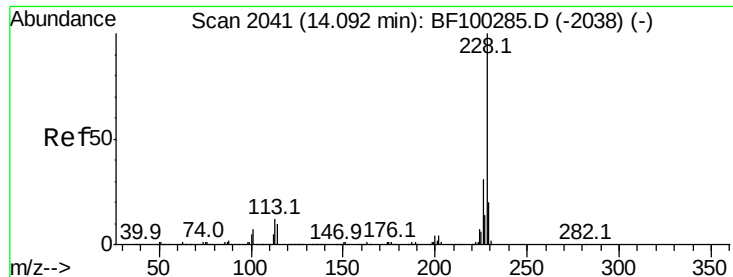


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 49.472 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF100900.D

Acq: 27 Nov 2017 18:54

Instrument :

BNA_F

ClientSampleId :

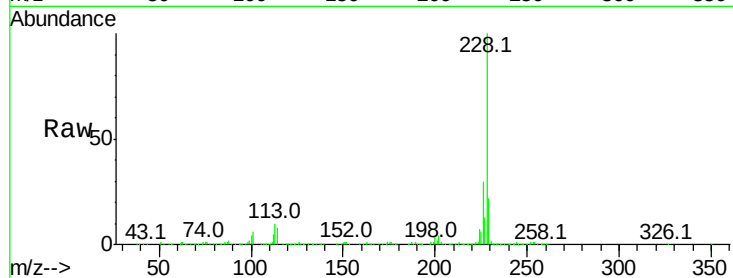
Tot Ion:228 Resp: 423748

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.6

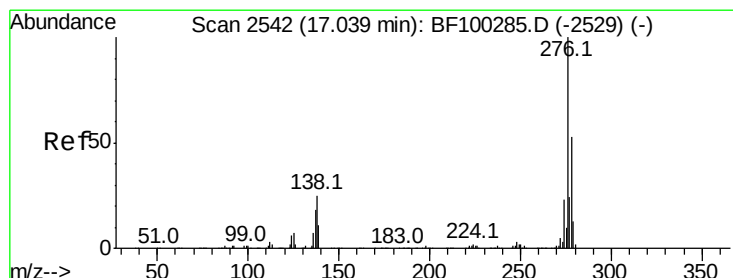
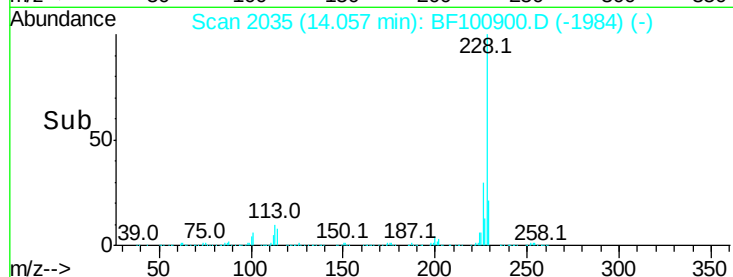
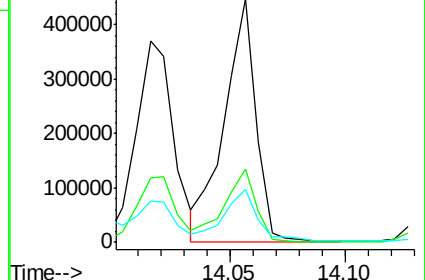
229 21.8 16.2 24.4



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: 24.205 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.01 min

Lab File: BF100900.D

Acq: 27 Nov 2017 18:54

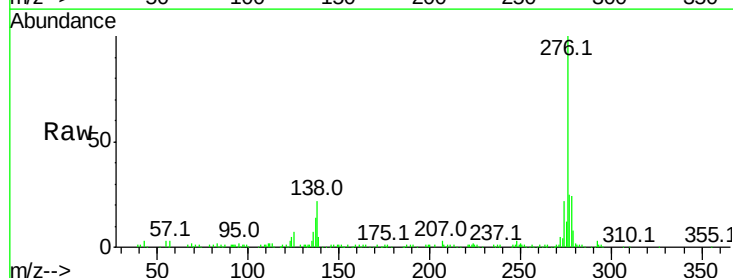
Tgt Ion:276 Resp: 167694

Ion Ratio Lower Upper

276 100

138 21.3 25.0 37.6#

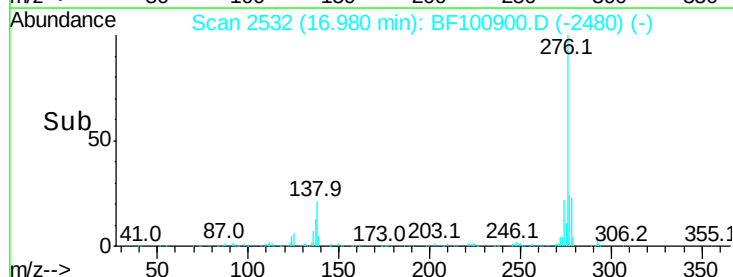
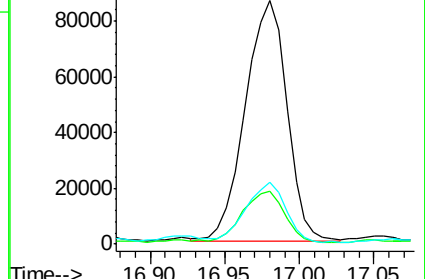
277 23.9 20.1 30.1

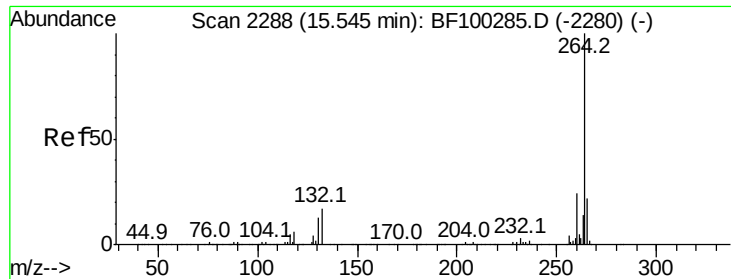


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

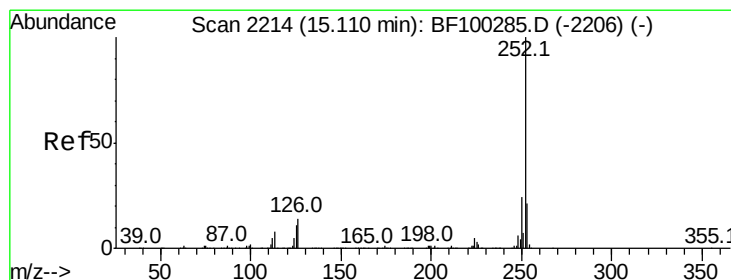
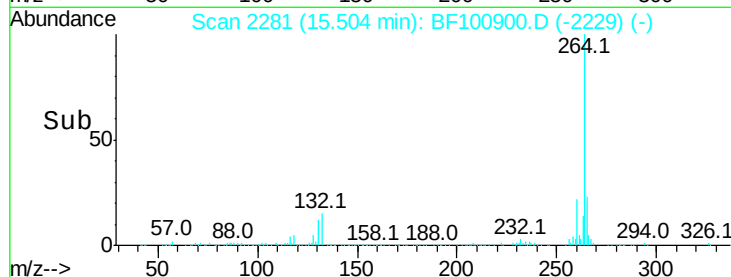
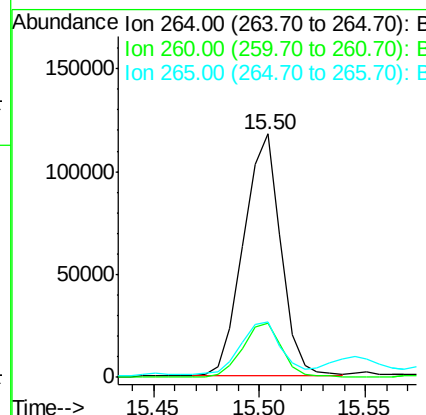
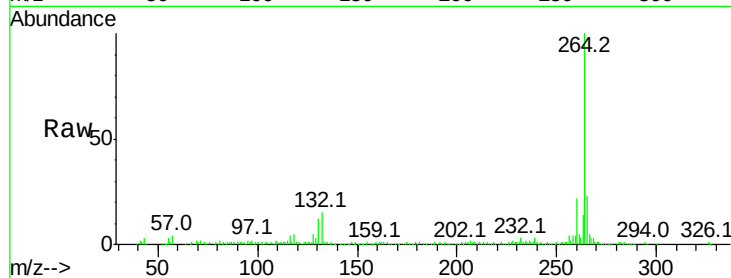




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF100900.D
Acq: 27 Nov 2017 18:54

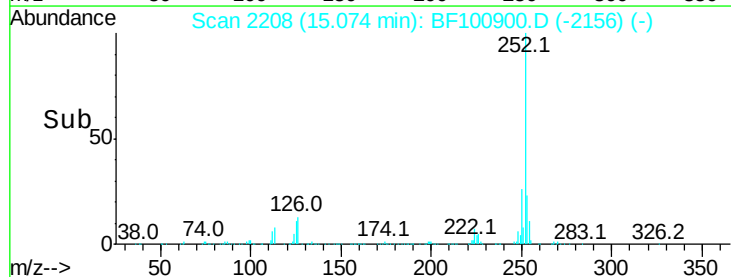
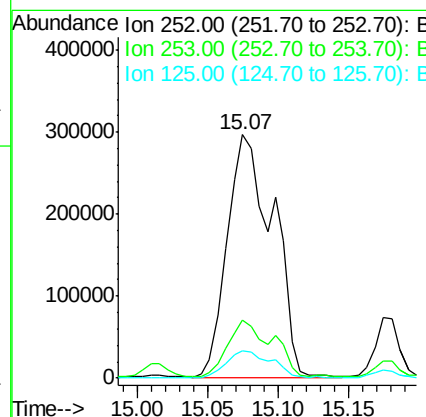
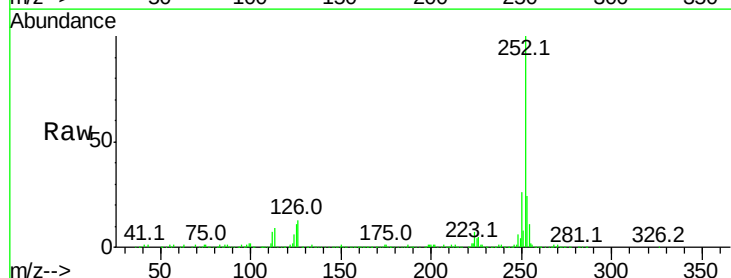
Instrument :
BNA_F
ClientSampleId :

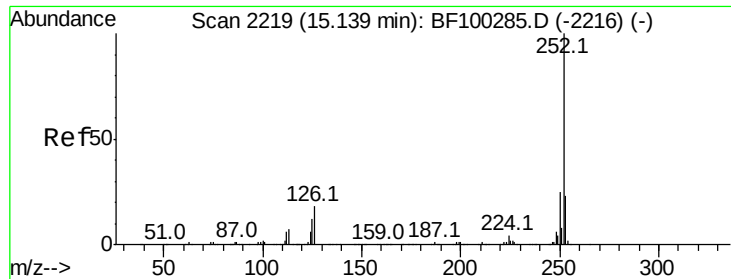
Tot Ion:264 Resp: 145141
Ion Ratio Lower Upper
264 100
260 22.1 19.2 28.8
265 22.9 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 78.333 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.01 min
Lab File: BF100900.D
Acq: 27 Nov 2017 18:54

Tgt Ion:252 Resp: 673568
Ion Ratio Lower Upper
252 100
253 23.8 17.0 25.6
125 11.3 9.0 13.6

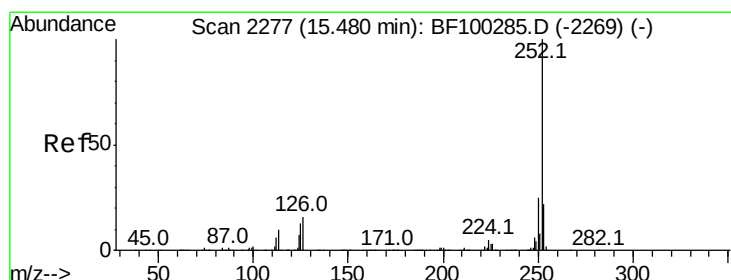
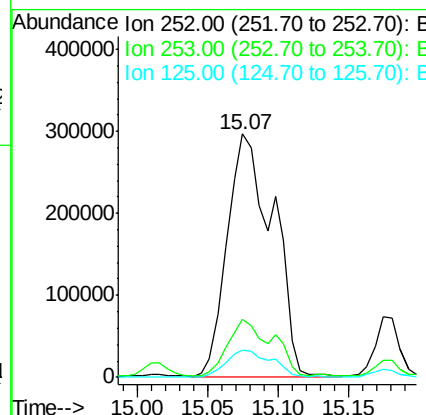
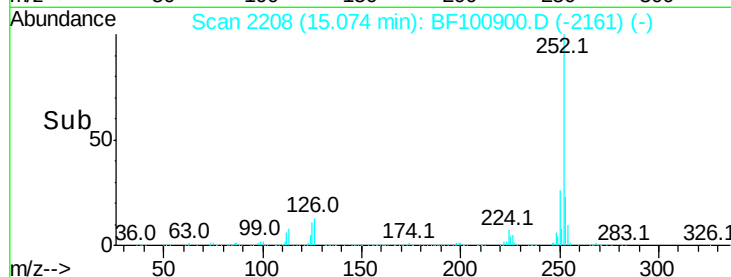
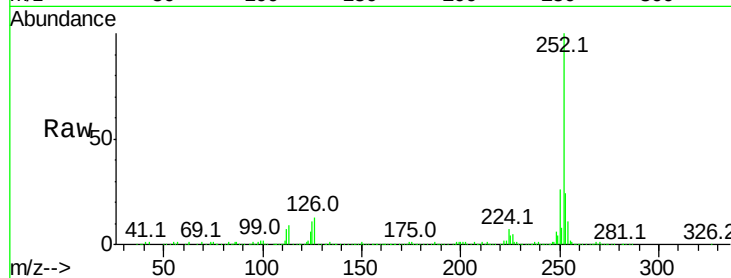




#88
Benzo(k)fluoranthene
Concen: 82.904 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF100900.D
Acq: 27 Nov 2017 18:54

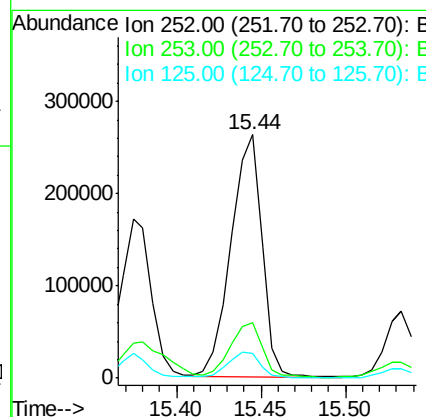
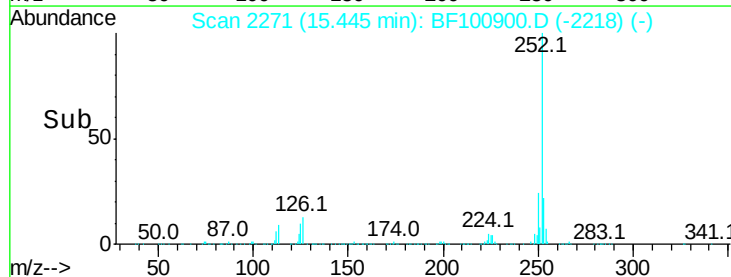
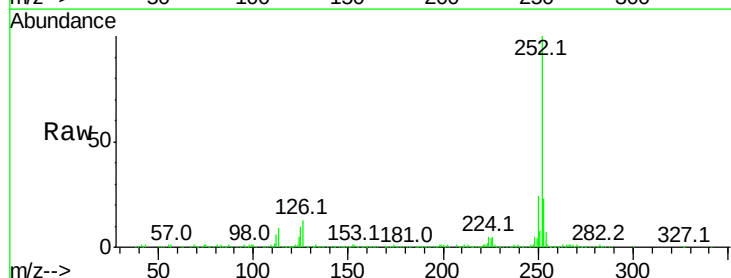
Instrument :
BNA_F
ClientSampleId :

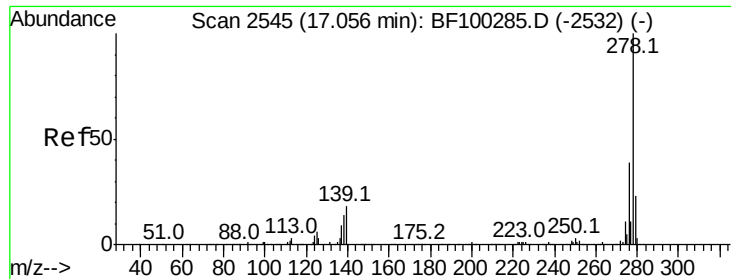
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.9	26.9
125	11.3	10.2	15.2



#89
Benzo(a)pyrene
Concen: 43.941 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF100900.D
Acq: 27 Nov 2017 18:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	10.1	9.8	14.6

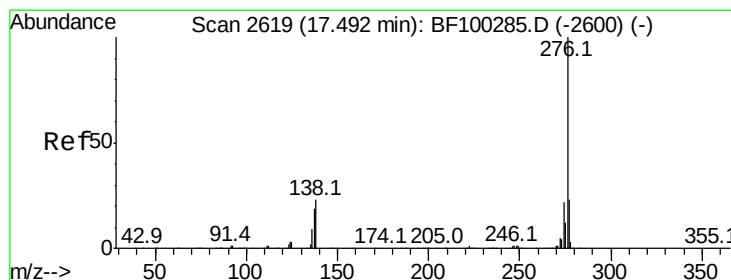
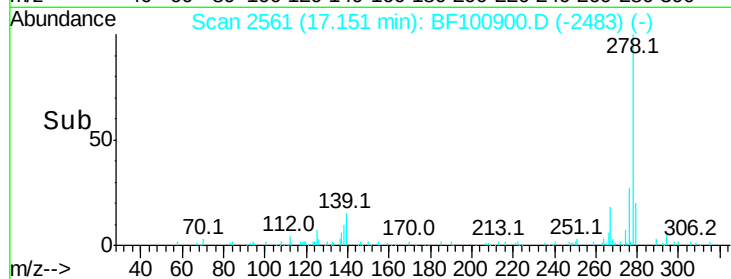
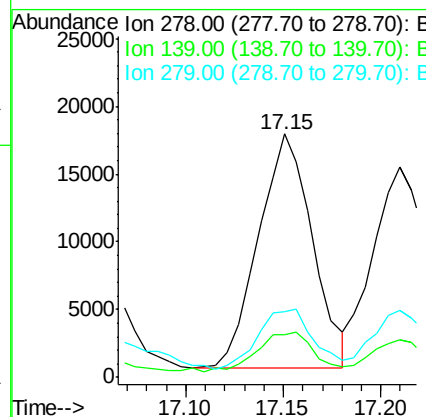
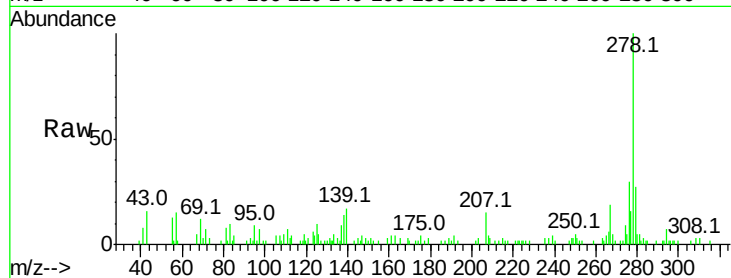




#90
Dibenzo(a,h)anthracene
Concen: 5.294 ng
RT: 17.15 min Scan# 2561
Delta R.T. 0.16 min
Lab File: BF100900.D
Acq: 27 Nov 2017 18:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 33005
Ion Ratio Lower Upper
278 100
139 17.5 15.9 23.9
279 27.0 19.0 28.4



#91
Benzo(g,h,i)perylene
Concen: 23.708 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.00 min
Lab File: BF100900.D
Acq: 27 Nov 2017 18:54

Tgt Ion:276 Resp: 144682
Ion Ratio Lower Upper
276 100
277 22.7 17.9 26.9
138 21.0 21.8 32.8#

