

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
 Data File : BF100991.D
 Acq On : 29 Nov 2017 21:11
 Operator : SJ/JU
 Sample : I6610-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 23:44:22 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	63207	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	236562	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	95186	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	158210	20.00	ng	0.00
75) Chrysene-d12	14.03	240	129357	20.00	ng	0.00
86) Perylene-d12	15.50	264	99497	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	381952	96.87	ng	0.00
7) Phenol-d6	6.49	99	461897	94.99	ng	0.00
23) Nitrobenzene-d5	7.42	82	274961	76.84	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	97200	100.21	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	482137	77.13	ng	0.00
78) Terphenyl-d14	12.96	244	371427	65.97	ng	0.00

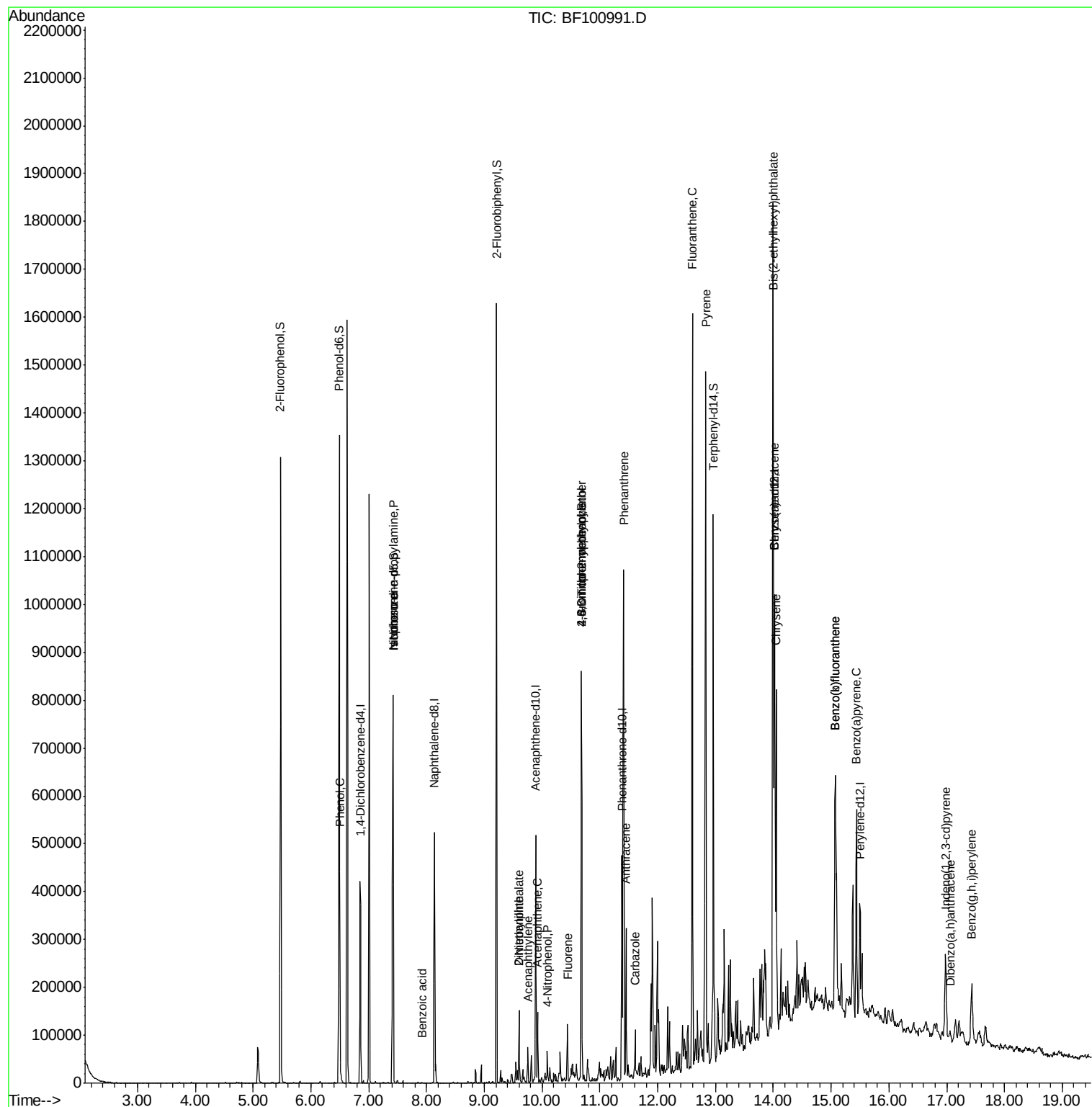
Target Compounds				Qvalue		
10) Phenol	6.50	94	16199	3.174	ng	95
19) n-Nitroso-di-n-propylamine	7.42	70	36064	10.695	ng	# 78
25) Isophorone	7.42	82	274956	36.567	ng	# 64
32) Benzoic acid	7.93	122	116	9.407	ng	# 1
47) 2-Nitroaniline	9.60	65	424	3.010	ng	# 1
48) Acenaphthylene	9.75	152	26581	2.686	ng	96
49) Dimethylphthalate	9.60	163	55590	7.649	ng	# 98
51) Acenaphthene	9.92	154	26912	4.471	ng	98
55) 4-Nitrophenol	10.09	139	5997	4.348	ng	# 9
57) Fluorene	10.44	166	31400	5.080	ng	98
64) 4,6-Dinitro-2-methylphenol	10.68	198	113	8.686	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	6588	3.884	ng	# 1
70) Phenanthrene	11.41	178	440783	52.915	ng	98
71) Anthracene	11.46	178	113316	13.408	ng	98
72) Carbazole	11.61	167	33545	4.302	ng	97
74) Fluoranthene	12.60	202	704844	79.840	ng	95
77) Pyrene	12.83	202	635534	68.922	ng	100
80) Benzo(a)anthracene	14.02	228	337048	43.268	ng	98
82) Chrysene	14.06	228	294255	39.008	ng	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	527374	106.628	ng	99
85) Indeno(1,2,3-cd)pyrene	16.98	276	113398	18.585	ng	# 89
87) Benzo(b)fluoranthene	15.07	252	397168	67.378	ng	96
88) Benzo(k)fluoranthene	15.07	252	397168	71.310	ng	96
89) Benzo(a)pyrene	15.44	252	200418	38.351	ng	97
90) Dibenzo(a,h)anthracene	17.06	278	11537	2.700	ng	94
91) Benzo(g,h,i)perylene	17.43	276	107545	25.707	ng	# 92

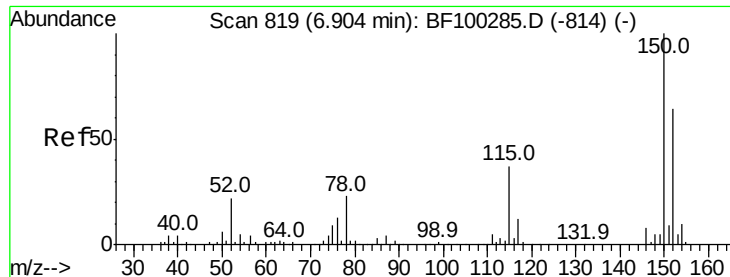
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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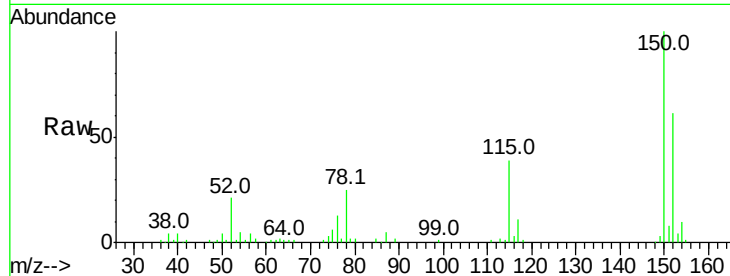


#1

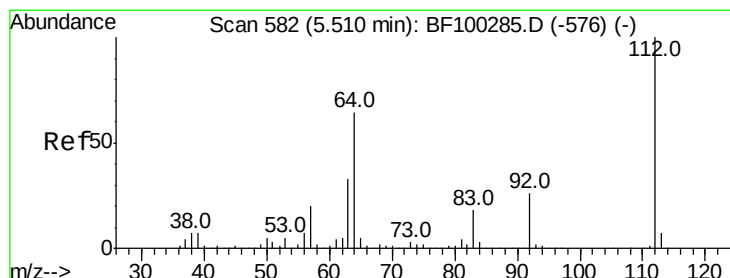
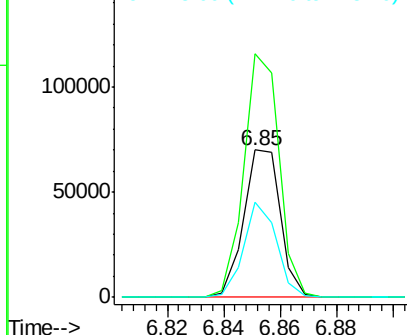
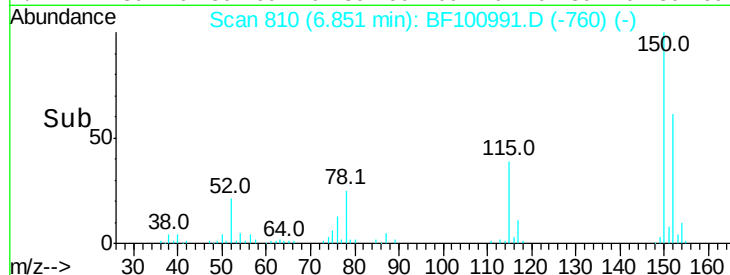
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 63207
Ion Ratio Lower Upper
152 100
150 165.2 124.6 186.8
115 64.3 50.1 75.1



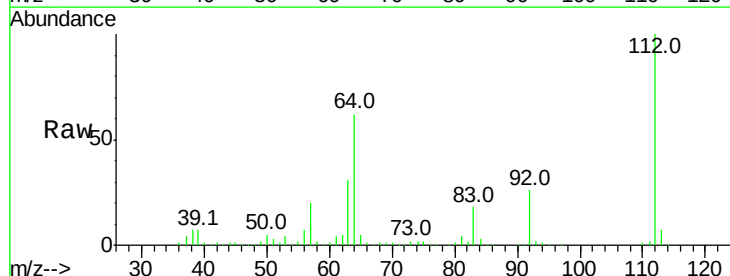
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



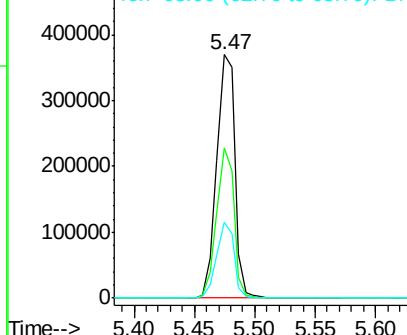
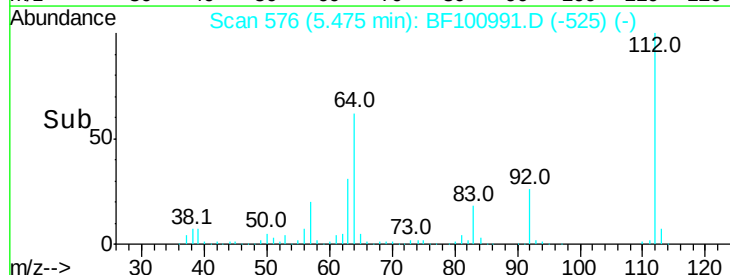
#5

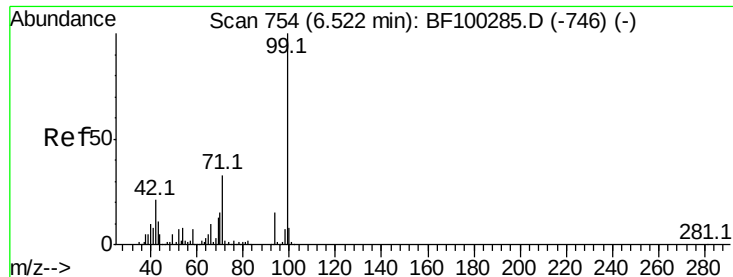
2-Fluorophenol
Concen: 96.867 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Tgt Ion:112 Resp: 381952
Ion Ratio Lower Upper
112 100
64 61.5 47.9 71.9
63 31.3 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: 94.995 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF100991.D

Acq: 29 Nov 2017 21:11

Instrument :

BNA_F

ClientSampleId :

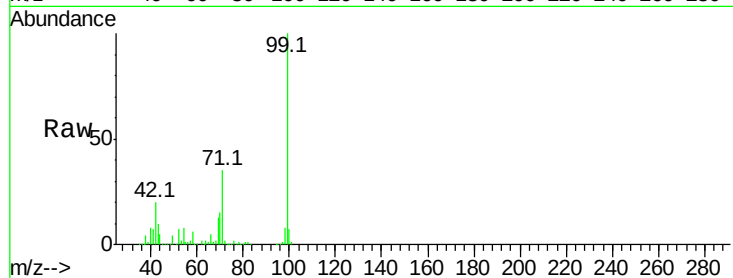
Tot Ion: 99 Resp: 461897

Ion Ratio Lower Upper

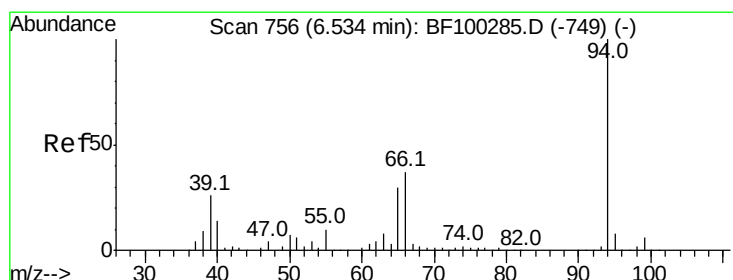
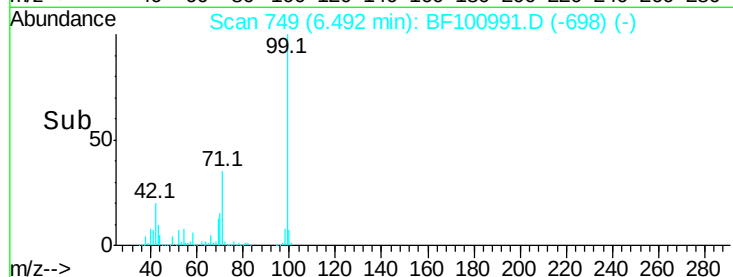
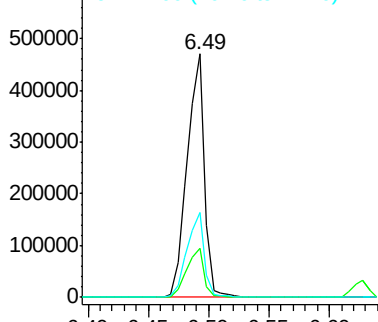
99 100

42 20.4 14.5 21.7

71 34.7 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



#10

Phenol

Concen: 3.174 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF100991.D

Acq: 29 Nov 2017 21:11

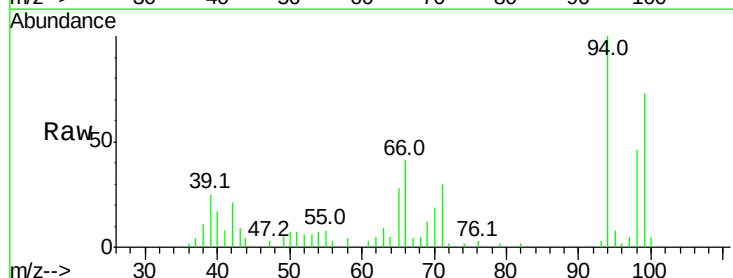
Tgt Ion: 94 Resp: 16199

Ion Ratio Lower Upper

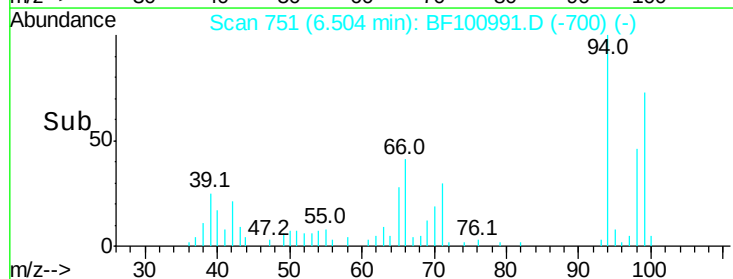
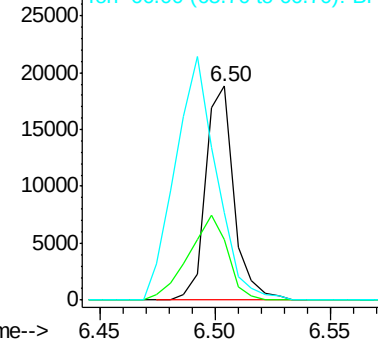
94 100

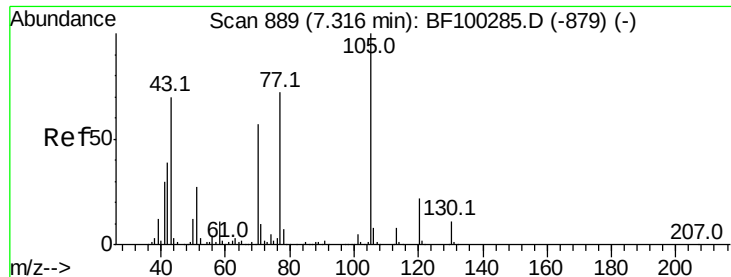
65 28.2 7.9 47.9

66 41.2 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

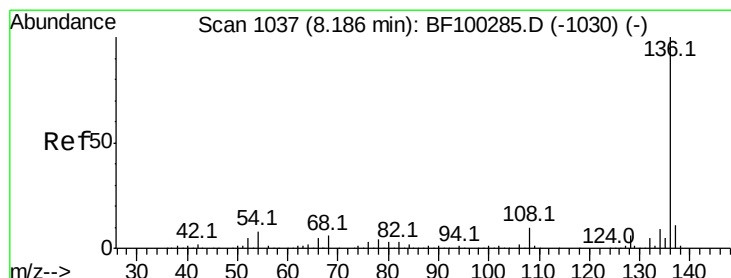
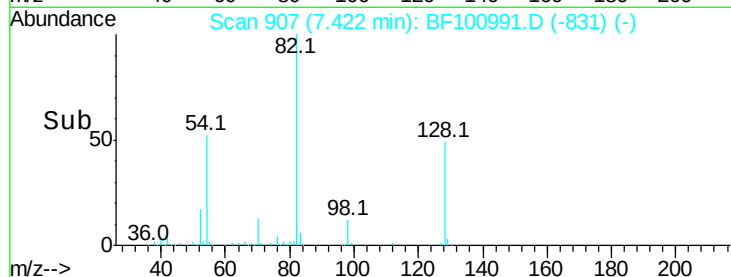
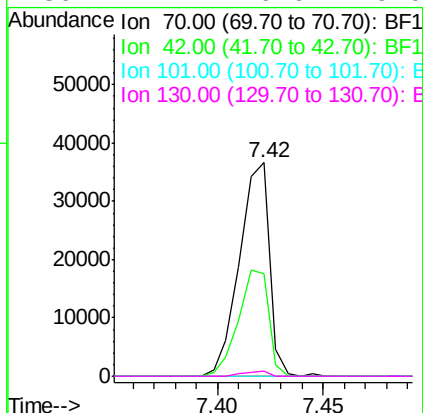
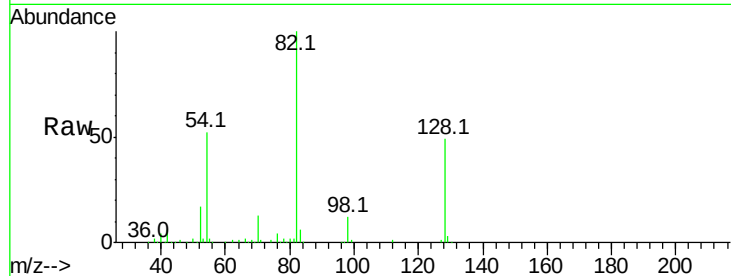




#19
n-Nitroso-di-n-propylamine
Concen: 10.695 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

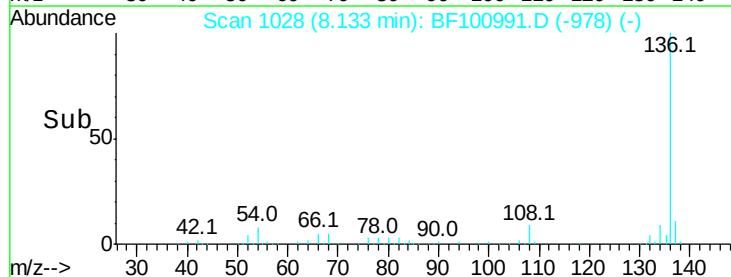
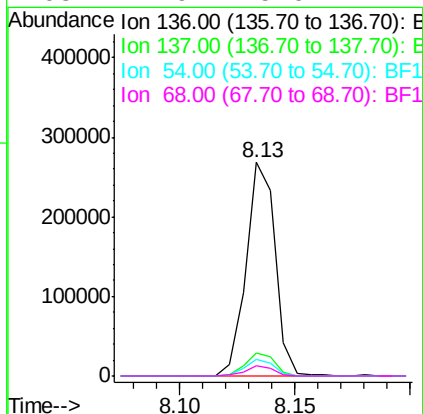
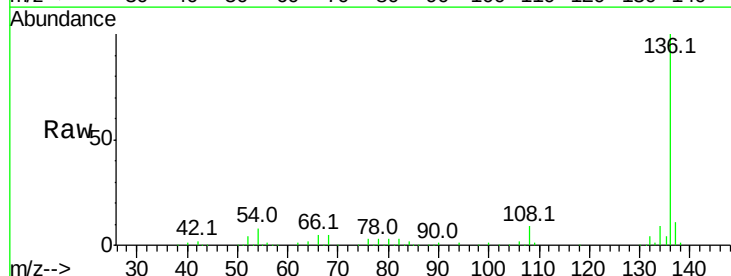
Instrument :
BNA_F
ClientSampleId :

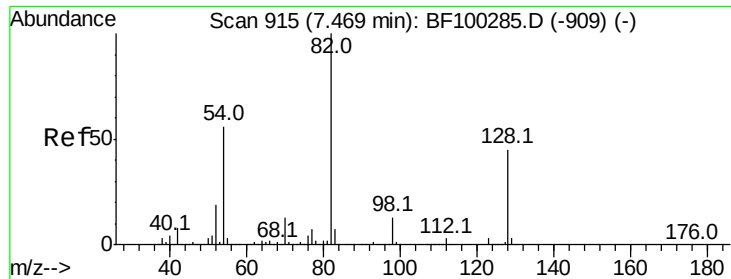
Tot Ion: 70 Resp: 36064
Ion Ratio Lower Upper
70 100
42 48.0 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Tgt Ion:136 Resp: 236562
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.9 6.6 9.8
68 4.9 5.0 7.4#

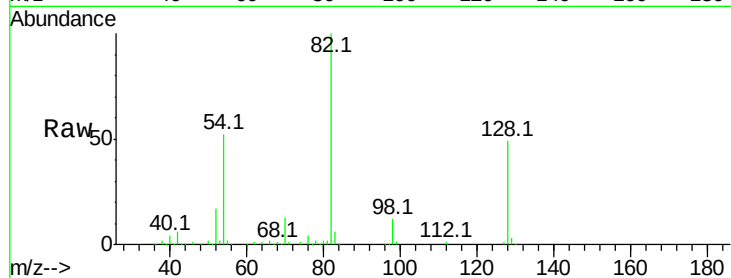




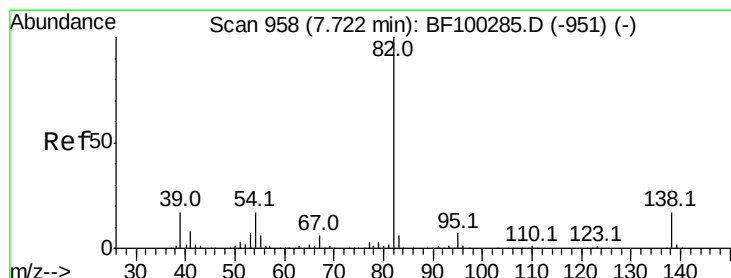
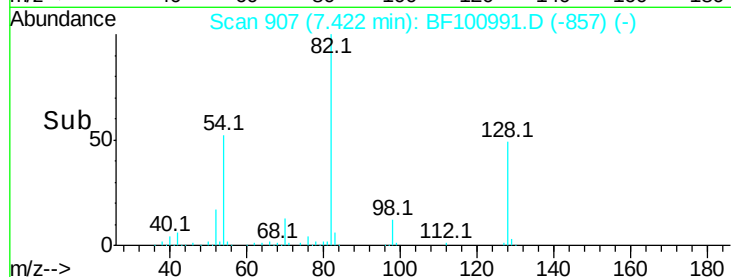
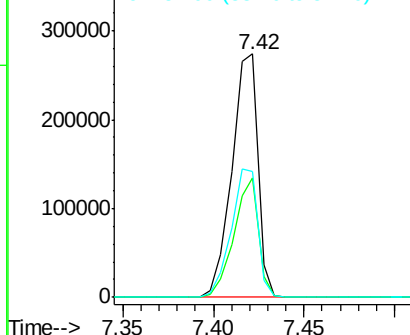
#23
 Nitrobenzene-d5
 Concen: 76.845 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF100991.D
 Acq: 29 Nov 2017 21:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 274961
 Ion Ratio Lower Upper
 82 100
 128 48.8 36.1 54.1
 54 51.7 41.4 62.2

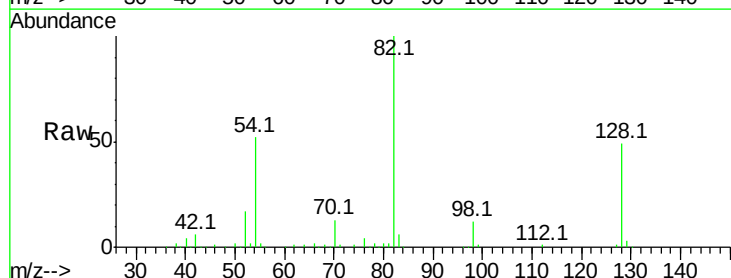


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

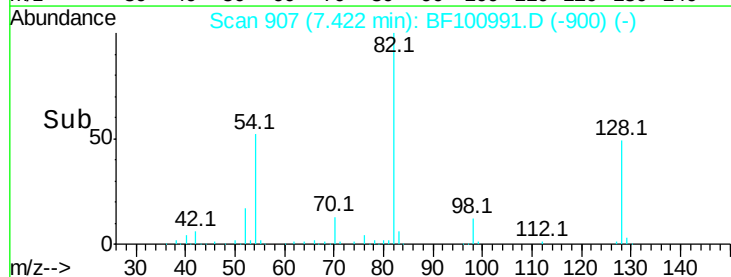
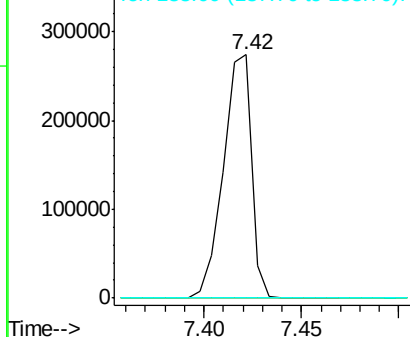


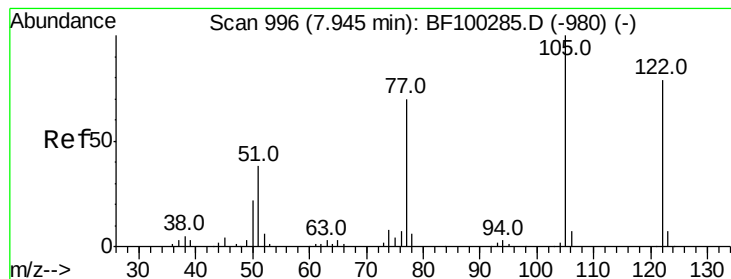
#25
 Isophorone
 Concen: 36.567 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.26 min
 Lab File: BF100991.D
 Acq: 29 Nov 2017 21:11

Tgt Ion: 82 Resp: 274956
 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





#32

Benzoic acid

Concen: 9.407 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: BF100991.D

Acq: 29 Nov 2017 21:11

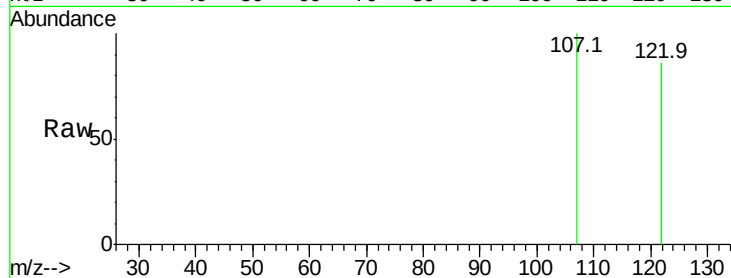
Instrument :

BNA_F

ClientSampleId :

Tot Ion:122 Resp: 116

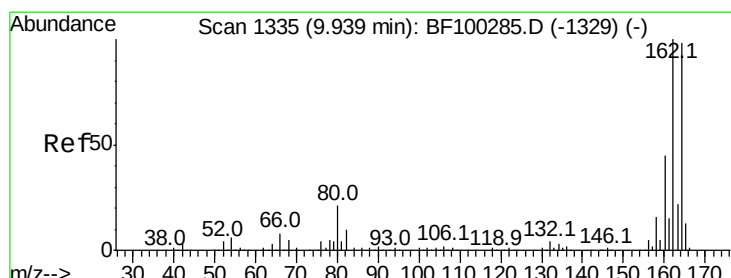
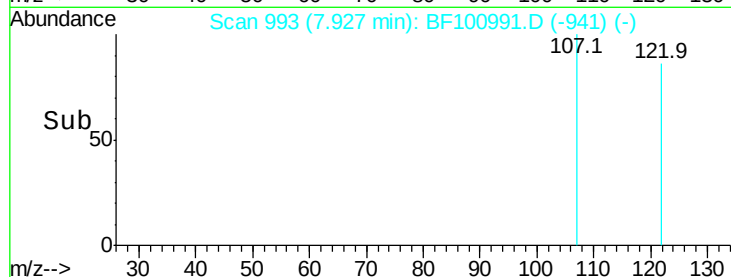
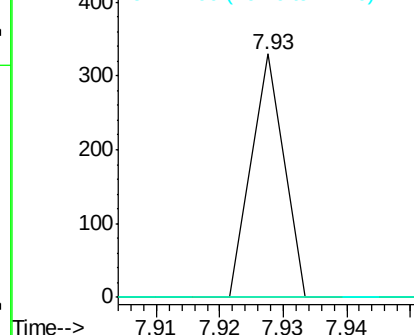
Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	0.0	70.7	110.7#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

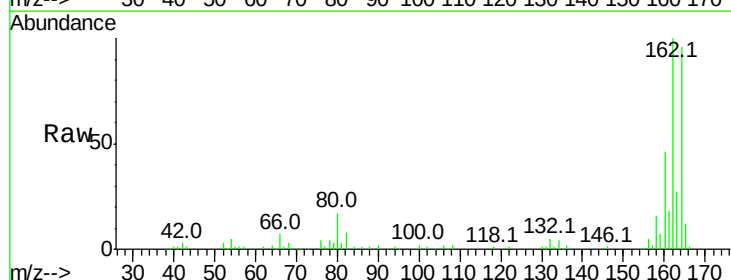
Delta R.T. -0.01 min

Lab File: BF100991.D

Acq: 29 Nov 2017 21:11

Tgt Ion:164 Resp: 95186

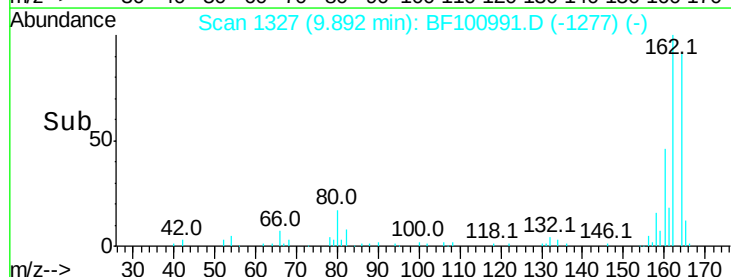
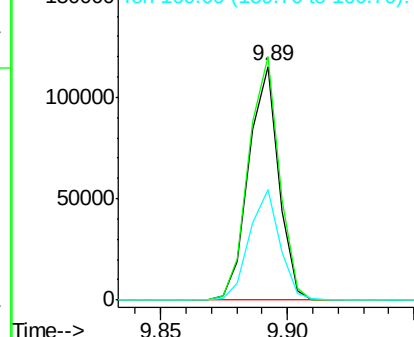
Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	47.6	38.3	57.5

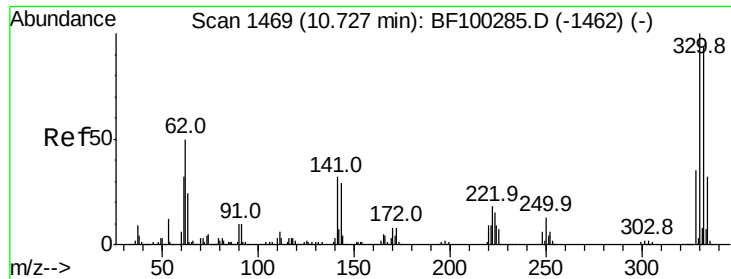


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

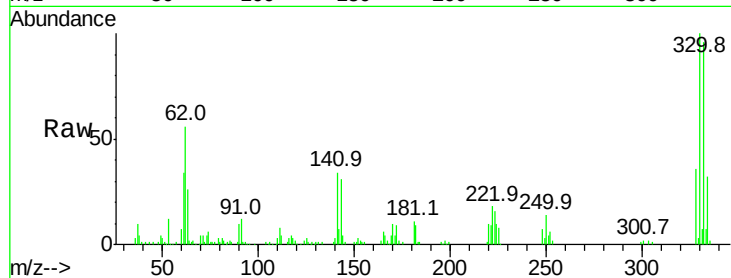




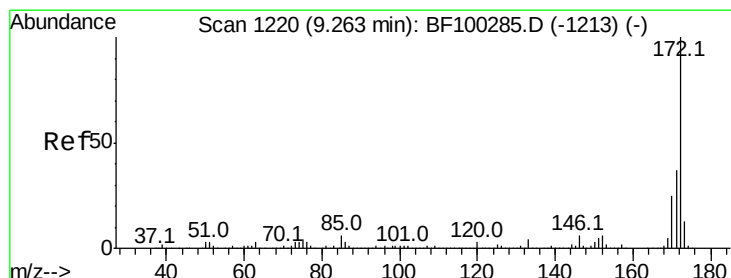
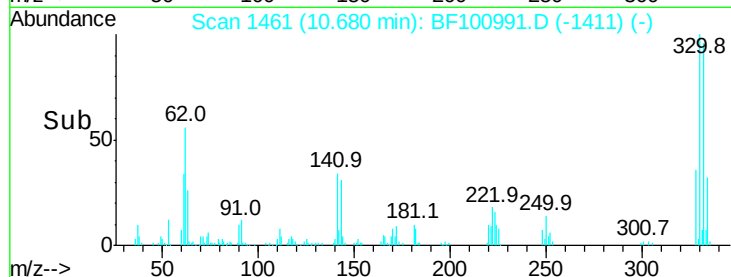
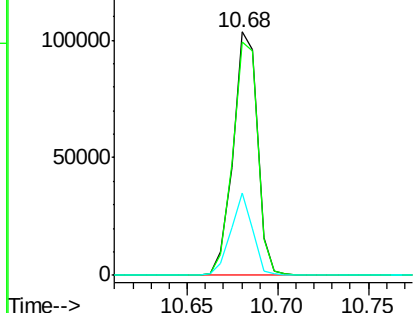
#41
 2,4,6-Tribromophenol
 Concen: 100.212 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF100991.D
 Acq: 29 Nov 2017 21:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.0	115.6
141	30.3	29.9	44.9

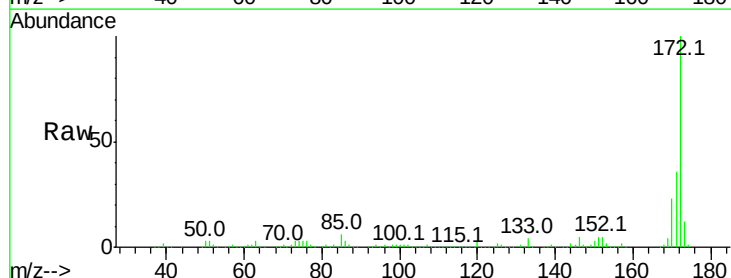


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

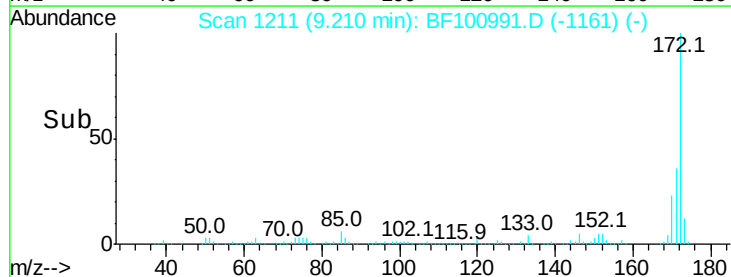
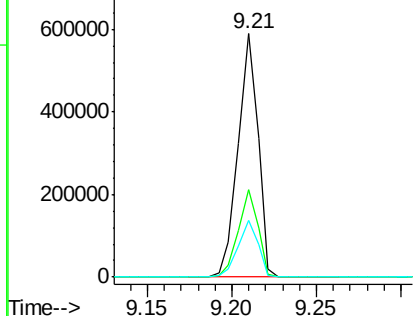


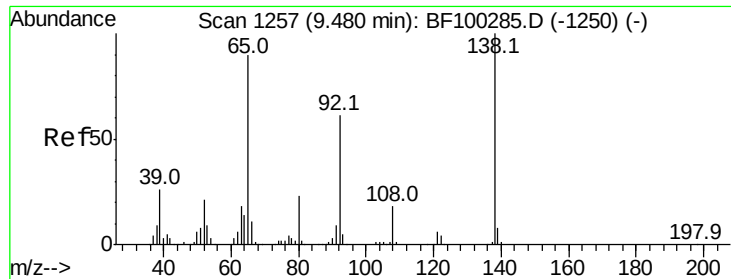
#44
 2-Fluorobiphenyl
 Concen: 77.129 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF100991.D
 Acq: 29 Nov 2017 21:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.3	19.6	29.4



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





#47

2-Nitroaniline

Concen: 3.010 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.16 min

Lab File: BF100991.D

Acq: 29 Nov 2017 21:11

Instrument :

BNA_F

ClientSampleId :

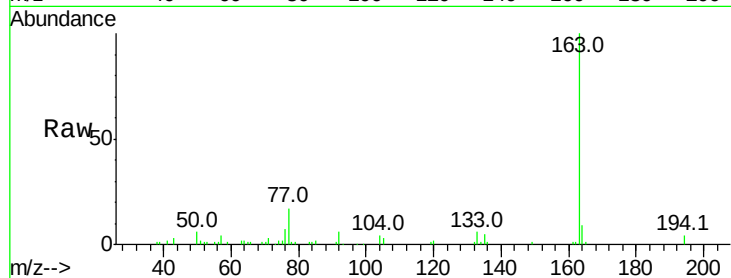
Tot Ion: 65 Resp: 424

Ion Ratio Lower Upper

65 100

92 713.1 55.8 83.6#

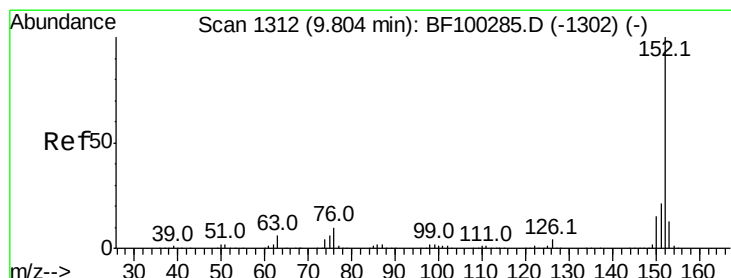
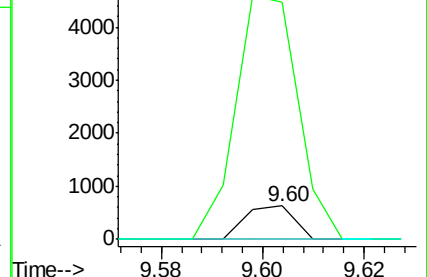
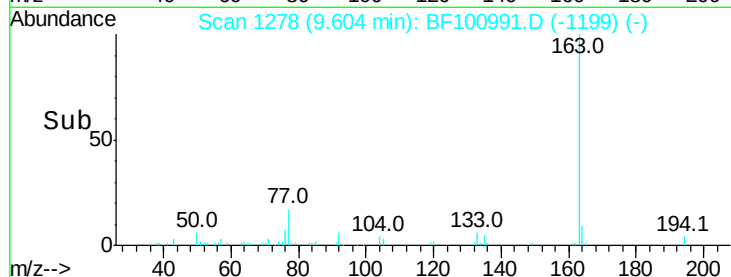
138 0.0 91.2 136.8#



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): BF1



#48

Acenaphthylene

Concen: 2.686 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF100991.D

Acq: 29 Nov 2017 21:11

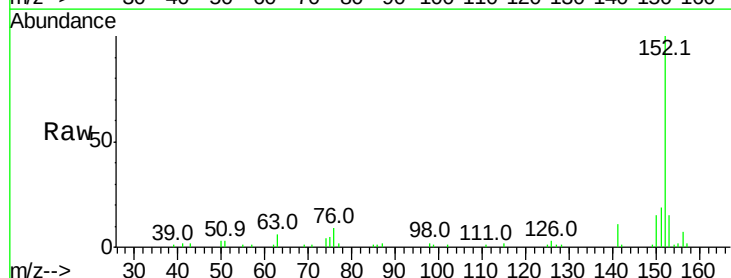
Tgt Ion: 152 Resp: 26581

Ion Ratio Lower Upper

152 100

151 18.8 16.3 24.5

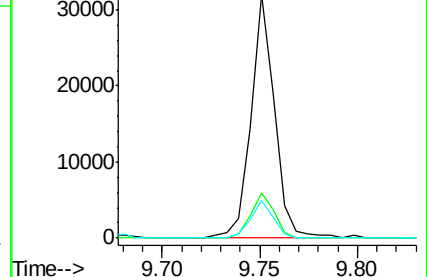
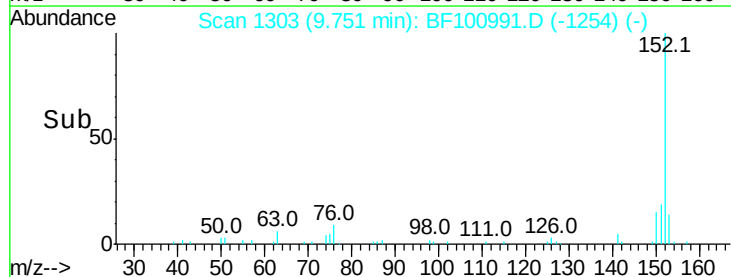
153 15.4 10.7 16.1

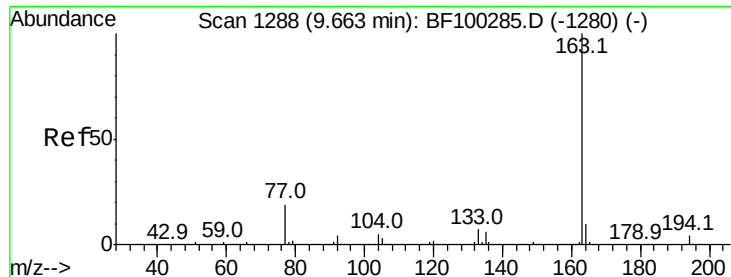


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 7.649 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF100991.D

Acq: 29 Nov 2017 21:11

Instrument :

BNA_F

ClientSampleId :

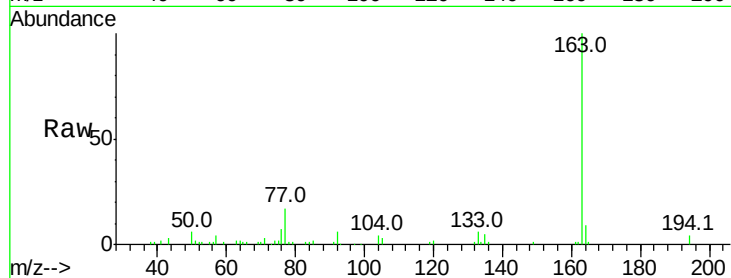
Tot Ion:163 Resp: 55590

Ion Ratio Lower Upper

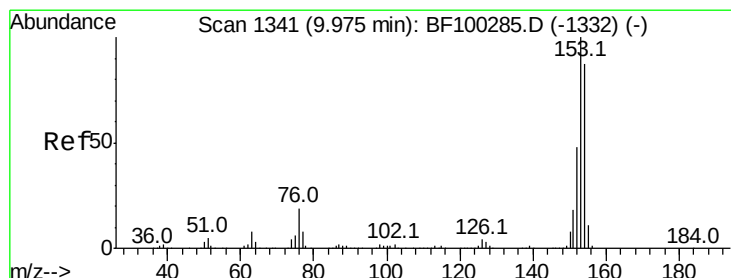
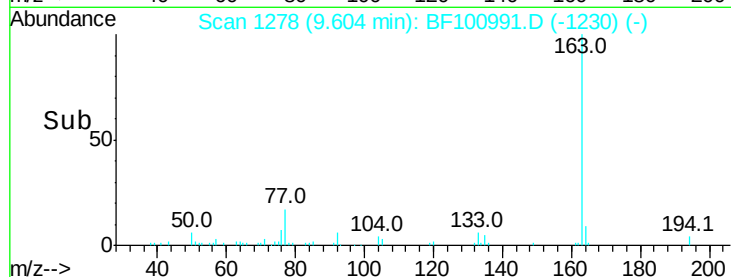
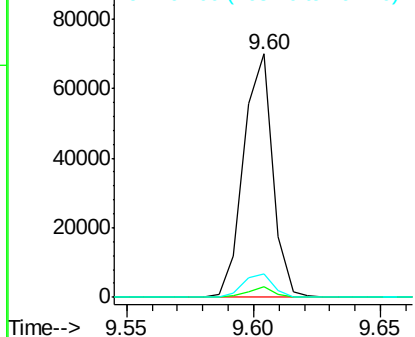
163 100

194 4.2 2.7 4.1#

164 9.5 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: 4.471 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF100991.D

Acq: 29 Nov 2017 21:11

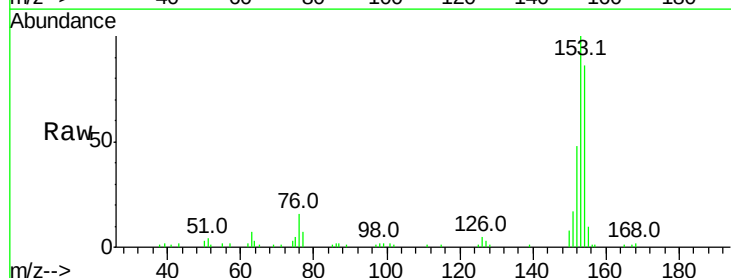
Tgt Ion:154 Resp: 26912

Ion Ratio Lower Upper

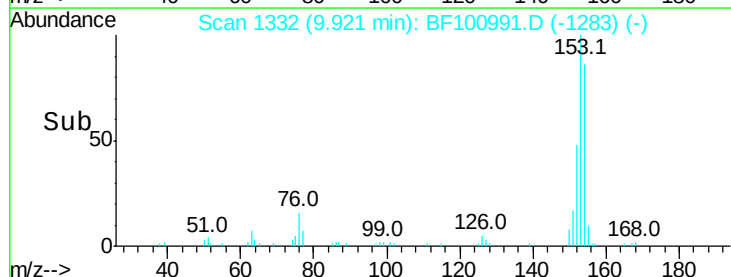
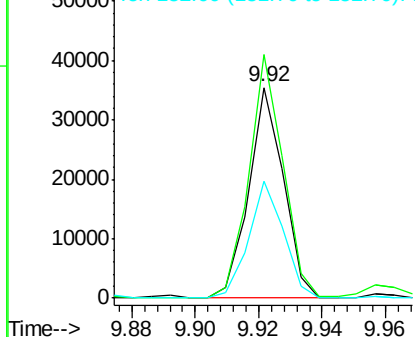
154 100

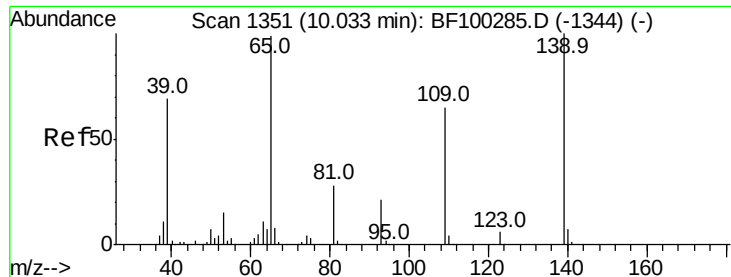
153 115.7 91.2 136.8

152 55.8 43.8 65.8



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

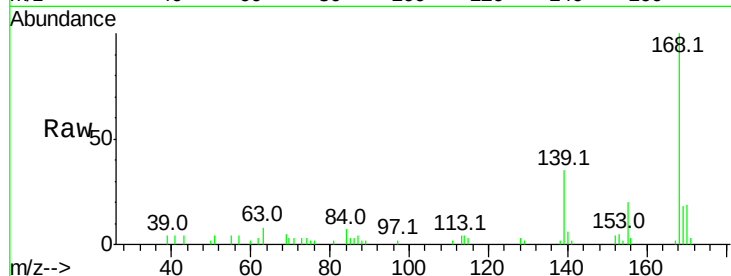




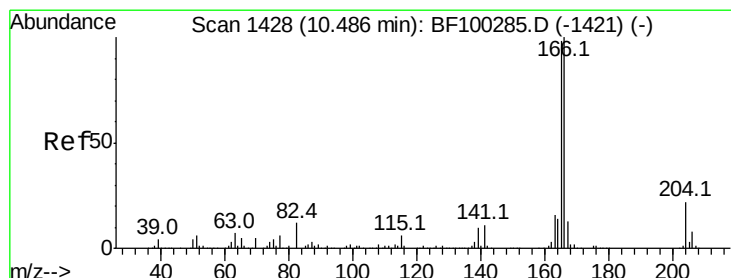
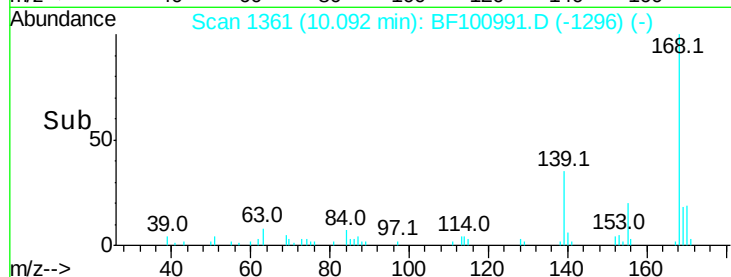
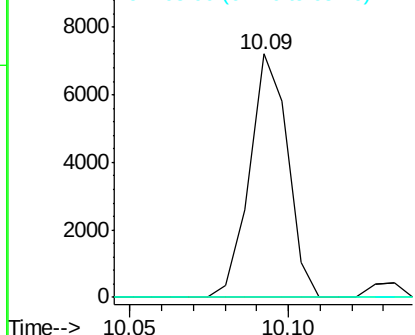
#55
4-Nitrophenol
Concen: 4.348 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.08 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#

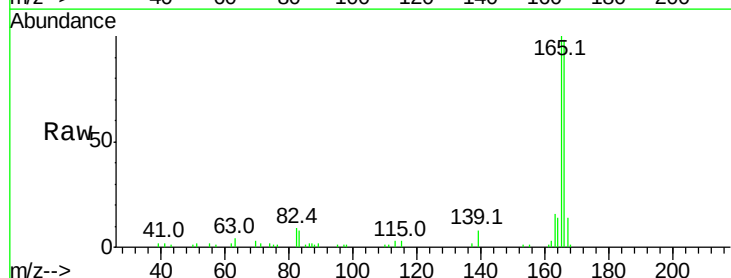


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

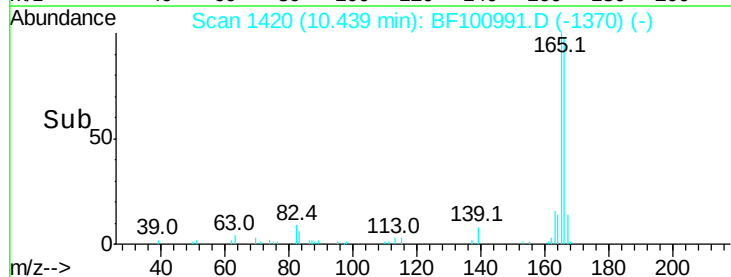
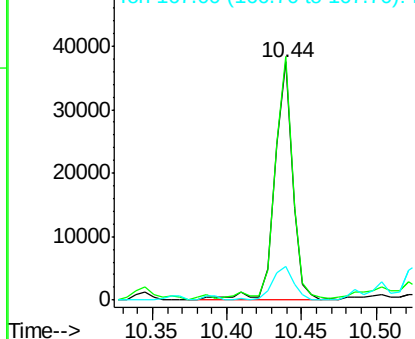


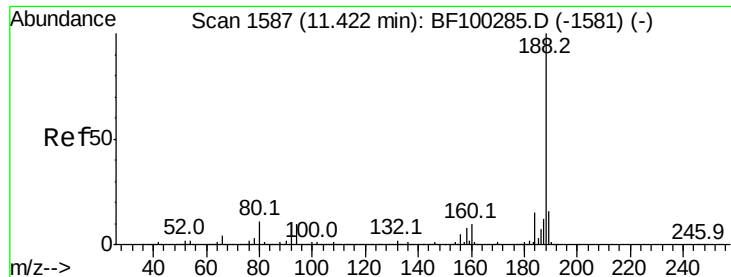
#57
Fluorene
Concen: 5.080 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.3	79.8	119.8
167	14.1	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

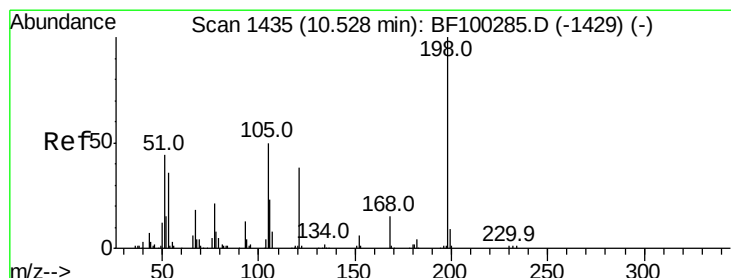
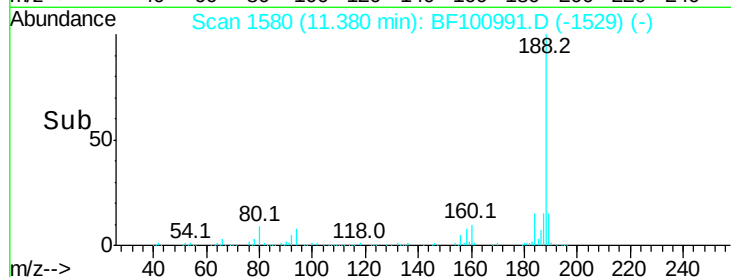
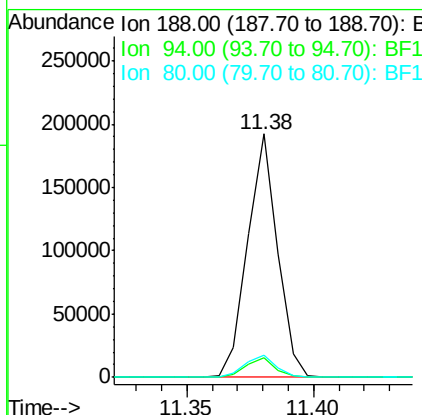
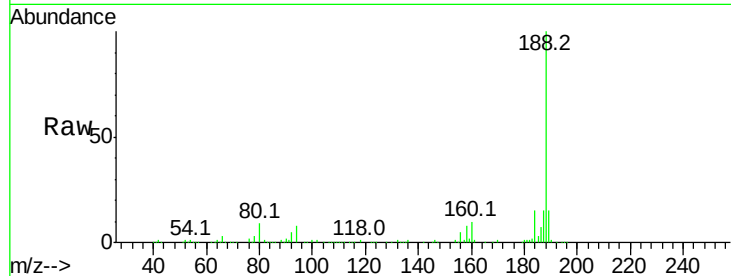




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.00 min
 Lab File: BF100991.D
 Acq: 29 Nov 2017 21:11

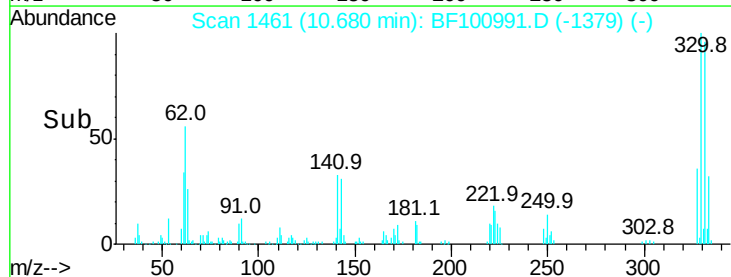
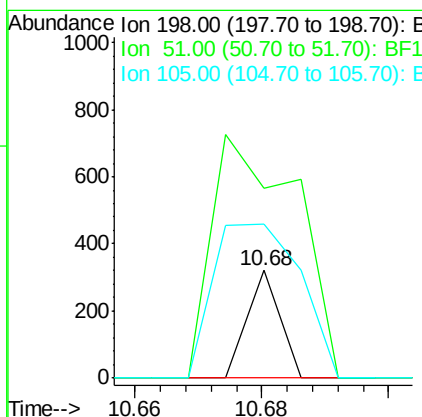
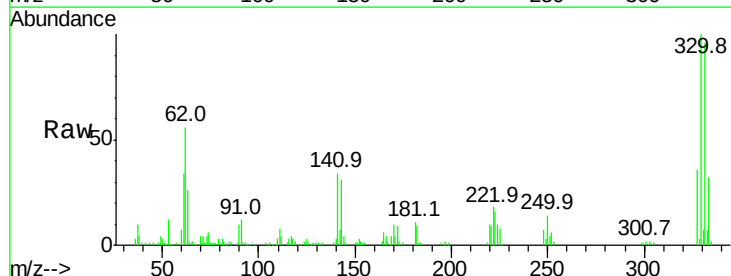
Instrument :
 BNA_F
 ClientSampled :

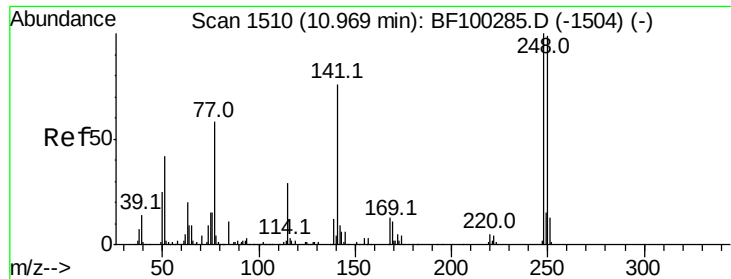
Tot Ion:188 Resp: 158210
 Ion Ratio Lower Upper
 188 100
 94 8.2 8.5 12.7#
 80 8.9 9.2 13.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.686 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.18 min
 Lab File: BF100991.D
 Acq: 29 Nov 2017 21:11

Tgt Ion:198 Resp: 113
 Ion Ratio Lower Upper
 198 100
 51 176.3 37.7 77.7#
 105 142.7 36.3 76.3#

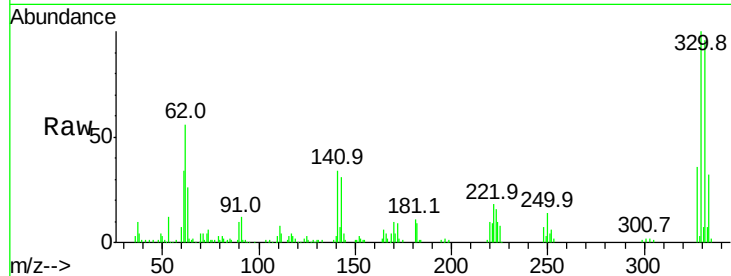




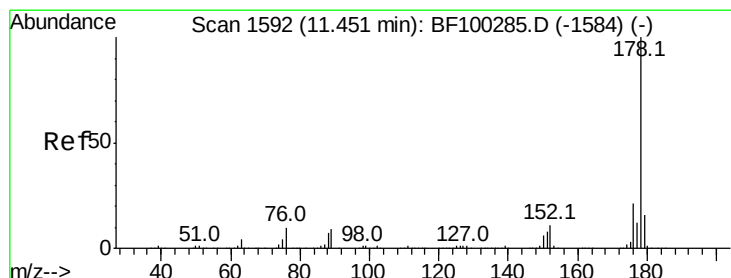
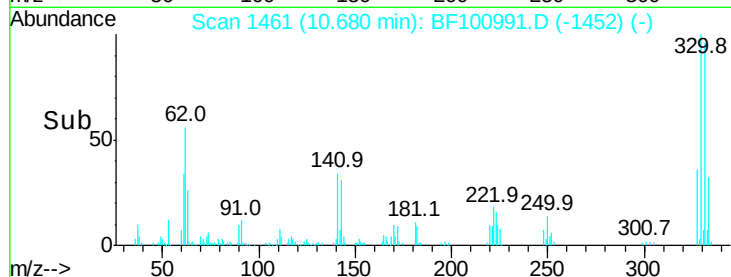
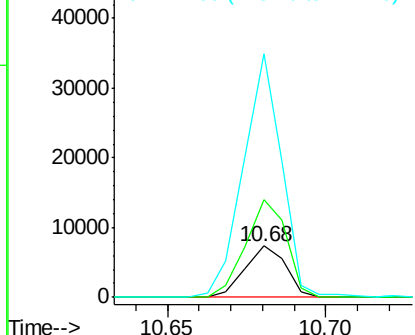
#66
4-Bromophenyl-phenylether
Concen: 3.884 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.25 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 6588
Ion Ratio Lower Upper
248 100
250 192.0 76.9 115.3#
141 475.7 74.4 111.6#

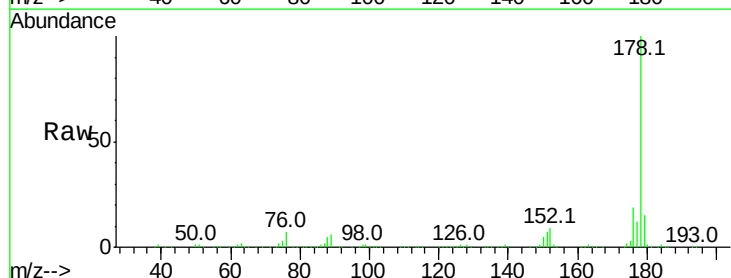


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

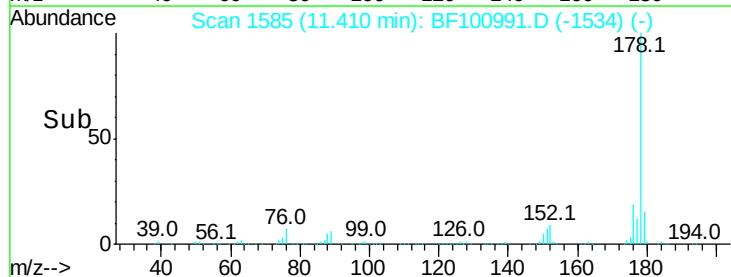
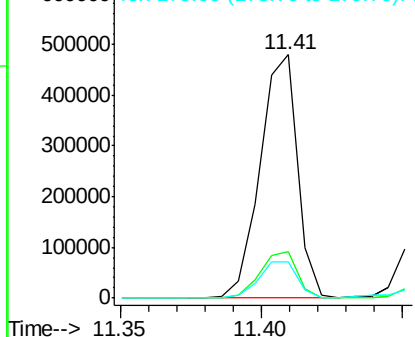


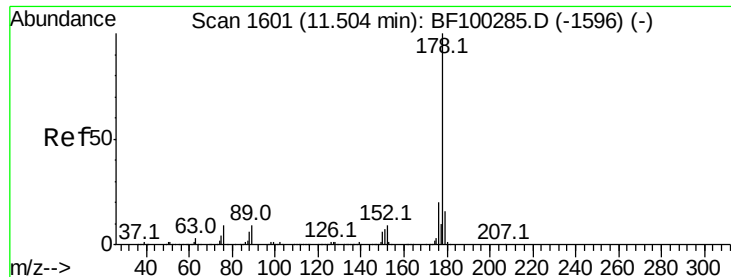
#70
Phenanthrene
Concen: 52.915 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Tgt Ion:178 Resp: 440783
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.8
179 14.9 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: 13.408 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF100991.D

Acq: 29 Nov 2017 21:11

Instrument :

BNA_F

ClientSampleId :

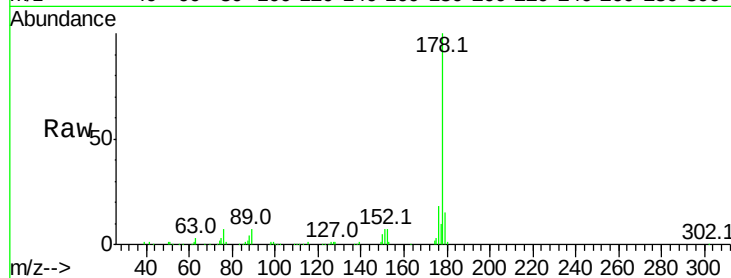
Tot Ion:178 Resp: 113316

Ion Ratio Lower Upper

178 100

176 18.1 15.4 23.2

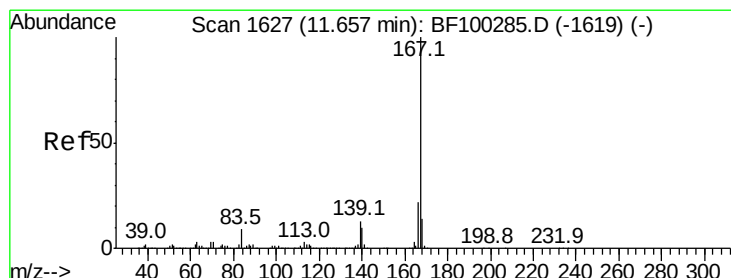
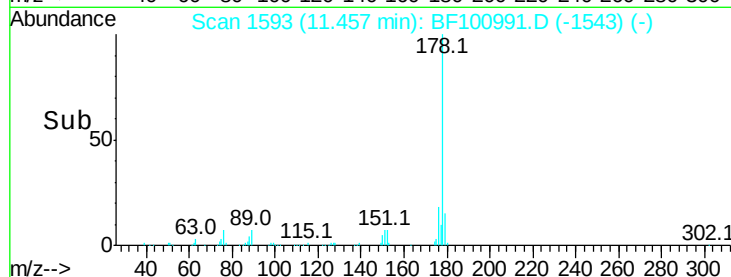
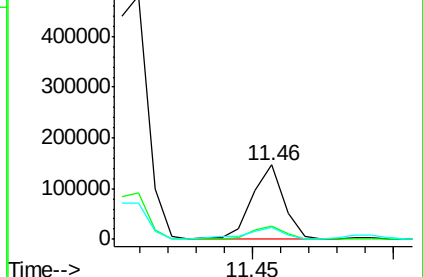
179 15.3 12.6 19.0



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: 4.302 ng

RT: 11.61 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BF100991.D

Acq: 29 Nov 2017 21:11

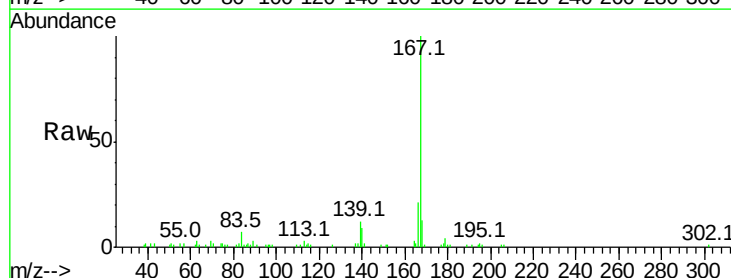
Tgt Ion:167 Resp: 33545

Ion Ratio Lower Upper

167 100

166 20.6 17.6 26.4

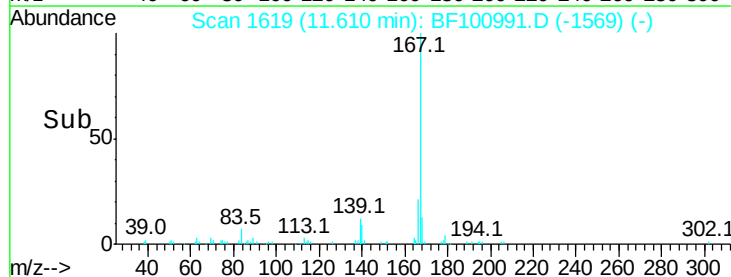
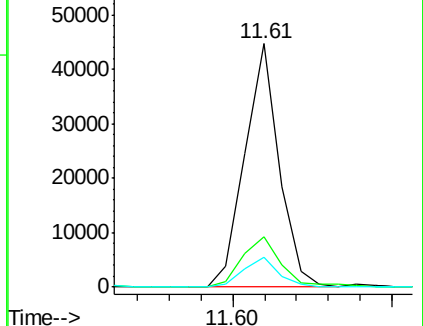
139 12.4 10.9 16.3

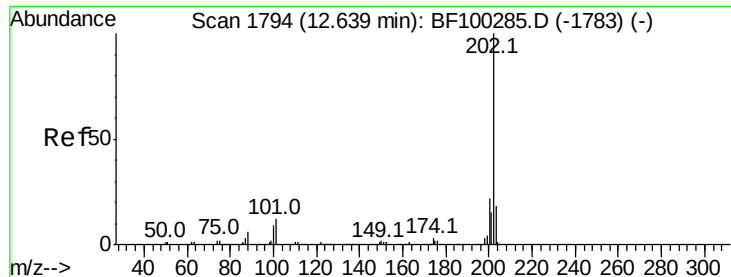


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 79.840 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF100991.D

Acq: 29 Nov 2017 21:11

Instrument :

BNA_F

ClientSampled :

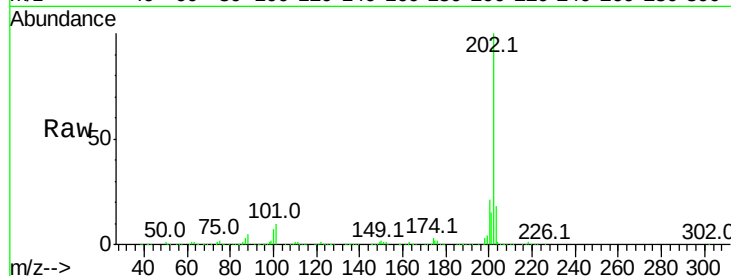
Tot Ion:202 Resp: 704844

Ion Ratio Lower Upper

202 100

101 9.7 0.0 34.1

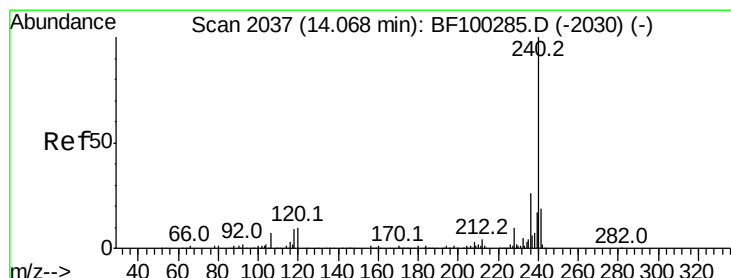
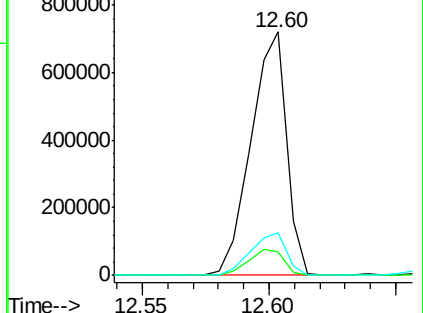
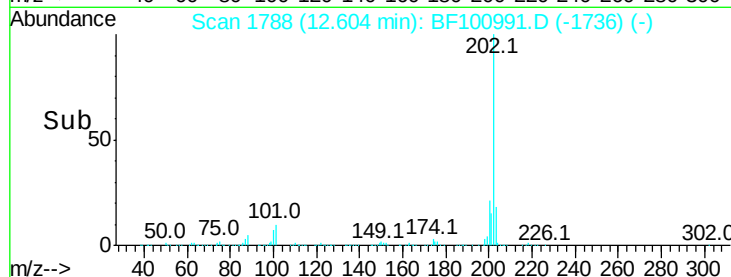
203 17.6 0.0 38.1



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: BF100991.D

Acq: 29 Nov 2017 21:11

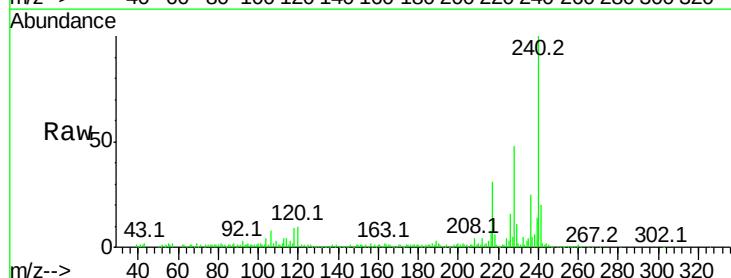
Tgt Ion:240 Resp: 129357

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

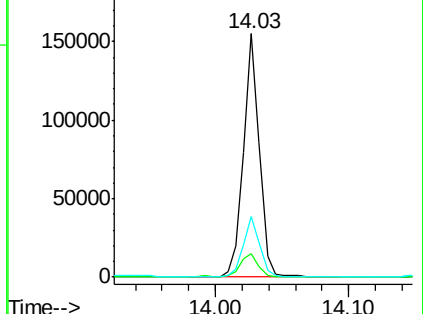
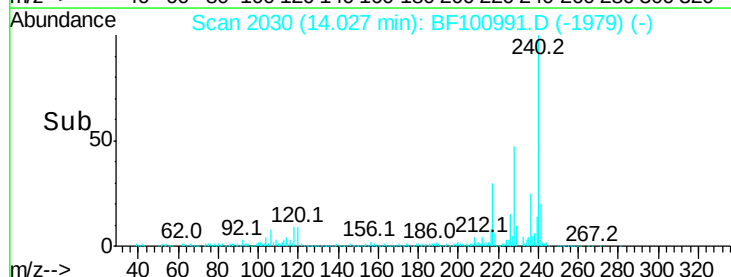
236 25.0 20.7 31.1

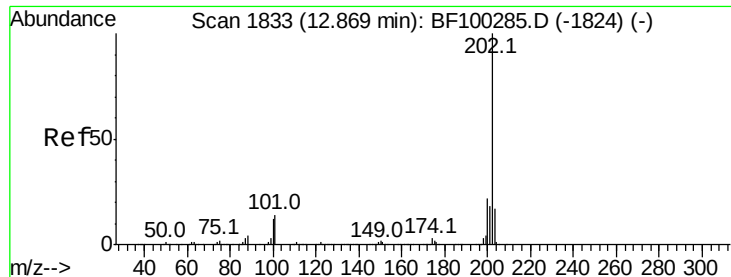


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 68.922 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF100991.D

Acq: 29 Nov 2017 21:11

Instrument :

BNA_F

ClientSampleId :

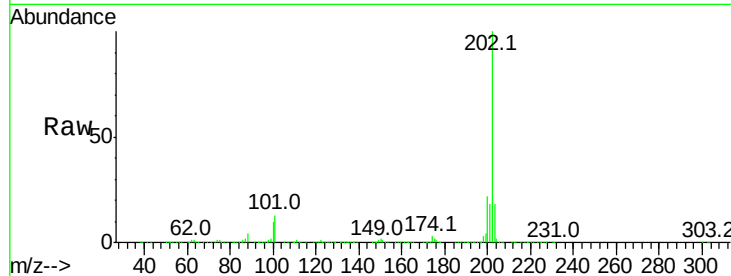
Tot Ion:202 Resp: 635534

Ion Ratio Lower Upper

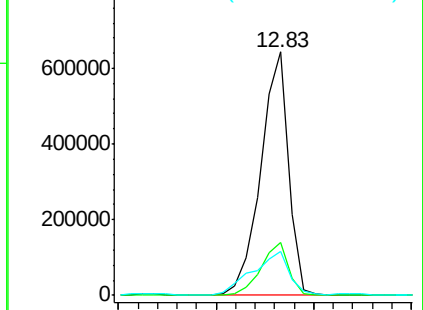
202 100

200 21.9 17.4 26.2

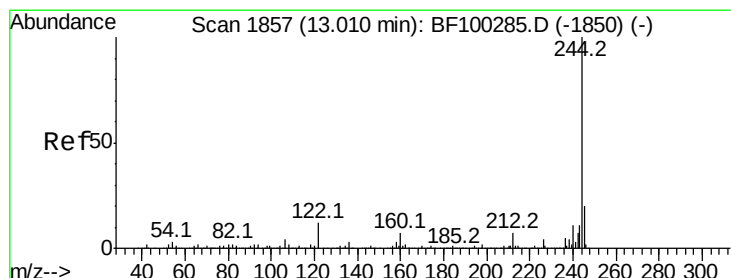
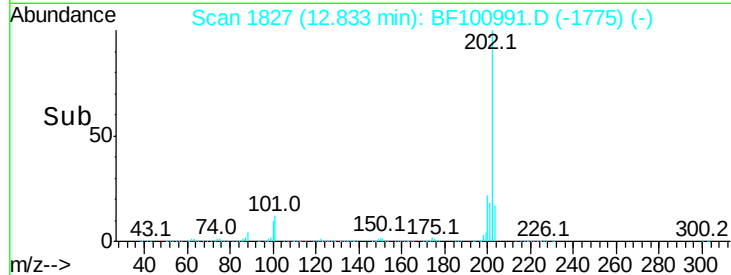
203 17.8 14.3 21.5



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



Time--> 12.75 12.80 12.85



#78

Terphenyl-d14

Concen: 65.975 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF100991.D

Acq: 29 Nov 2017 21:11

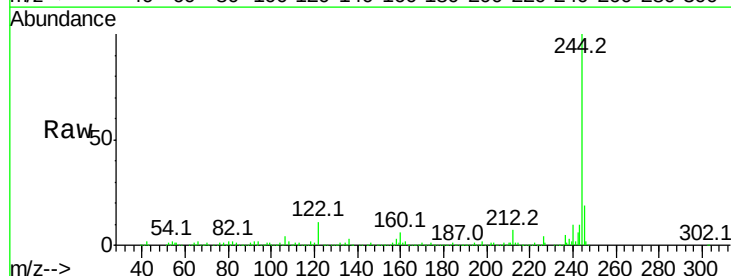
Tgt Ion:244 Resp: 371427

Ion Ratio Lower Upper

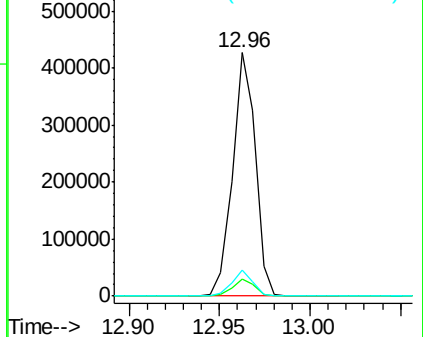
244 100

212 7.0 5.4 8.0

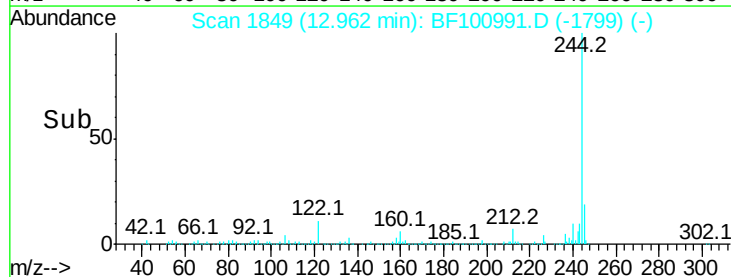
122 10.8 11.0 16.4#

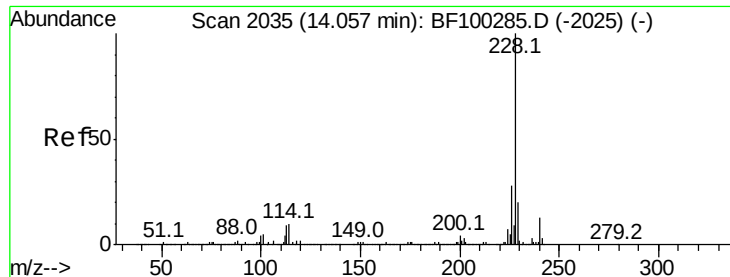


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time--> 12.90 12.95 13.00

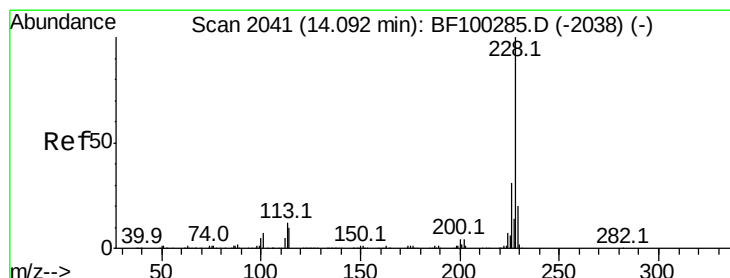
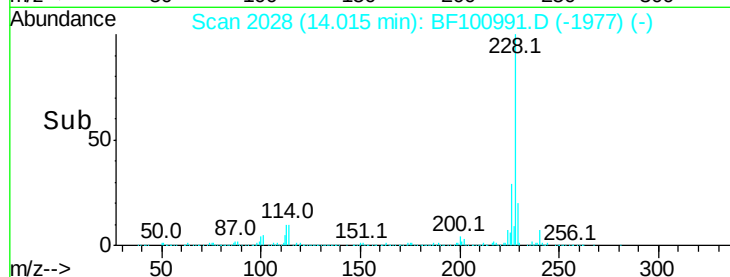
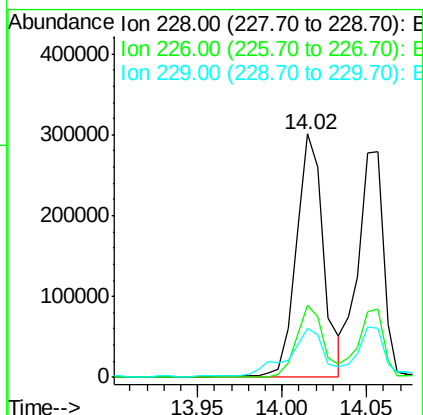
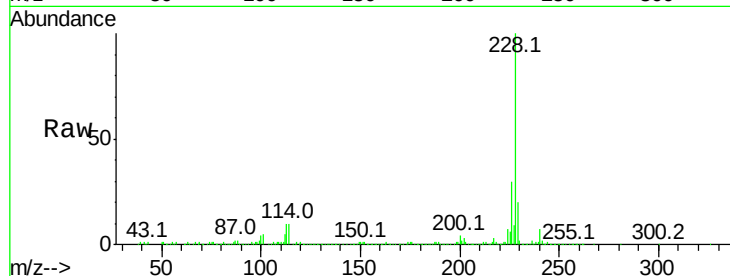




#80
Benzo(a)anthracene
Concen: 43.268 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

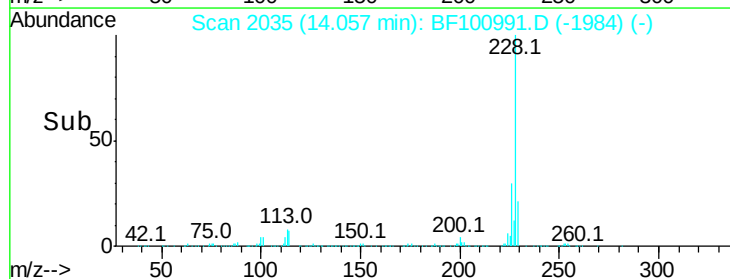
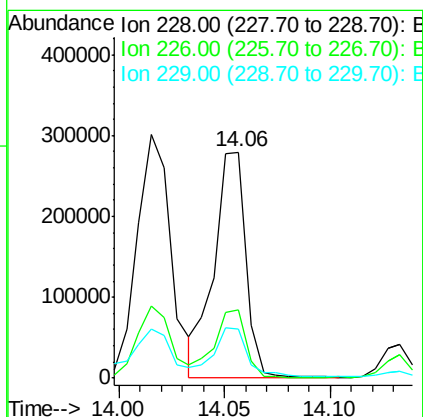
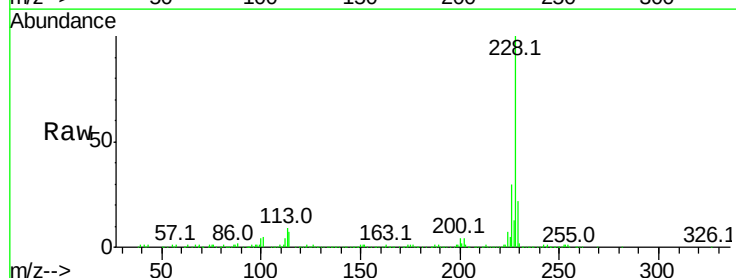
Instrument :
BNA_F
ClientSampleId :

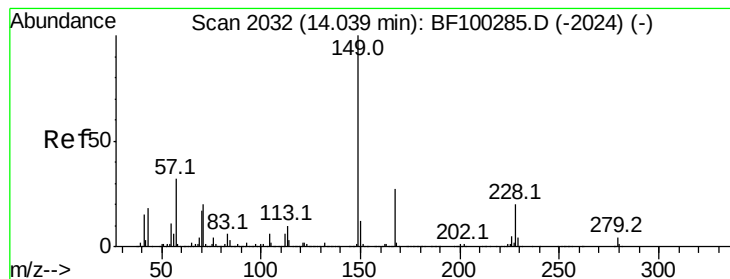
Tot Ion:228 Resp: 337048
Ion Ratio Lower Upper
228 100
226 29.7 22.6 33.8
229 20.1 15.8 23.6



#82
Chrysene
Concen: 39.008 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Tgt Ion:228 Resp: 294255
Ion Ratio Lower Upper
228 100
226 30.2 25.0 37.6
229 21.6 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 106.628 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF100991.D

Acq: 29 Nov 2017 21:11

Instrument :

BNA_F

ClientSampleId :

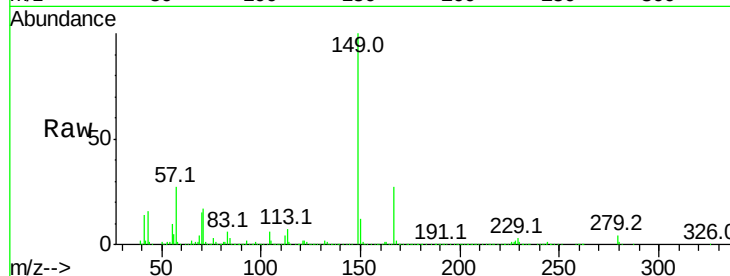
Tot Ion:149 Resp: 527374

Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

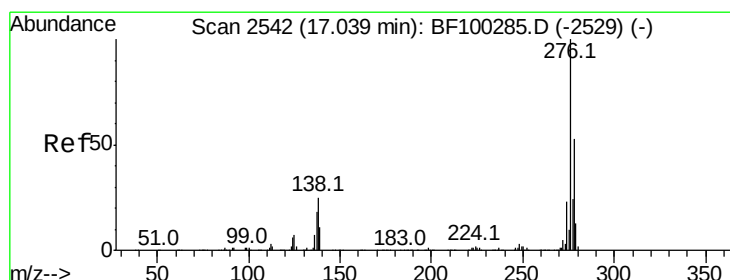
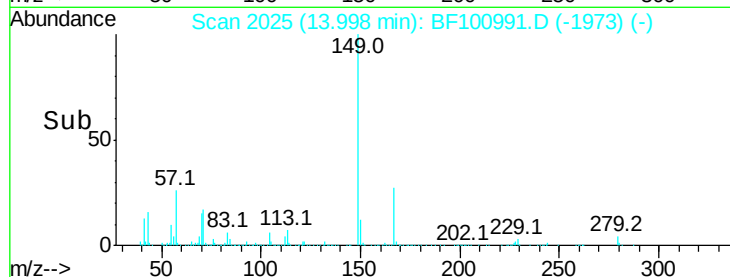
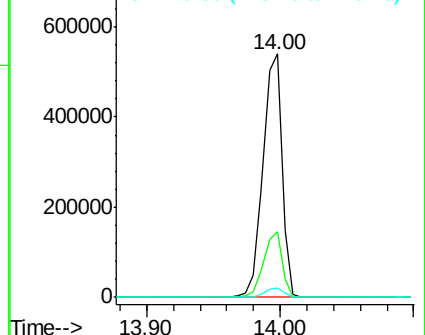
279 4.0 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 18.585 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.01 min

Lab File: BF100991.D

Acq: 29 Nov 2017 21:11

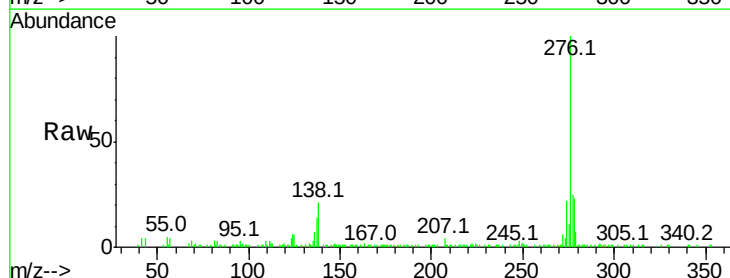
Tgt Ion:276 Resp: 113398

Ion Ratio Lower Upper

276 100

138 21.0 25.0 37.6#

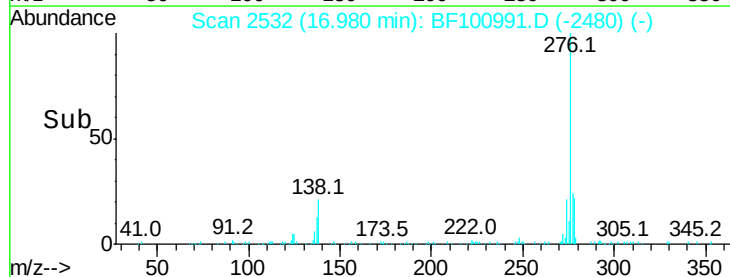
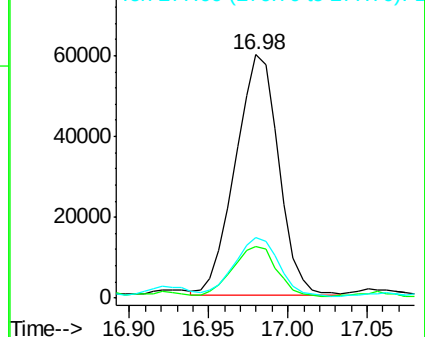
277 24.9 20.1 30.1

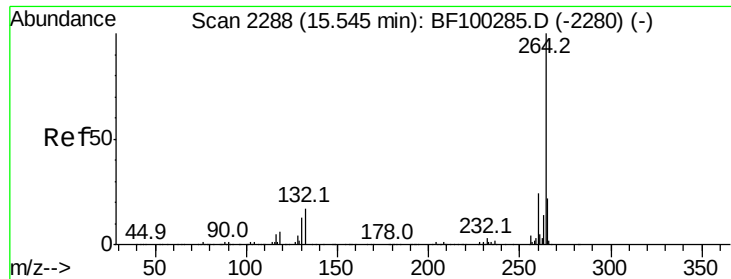


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

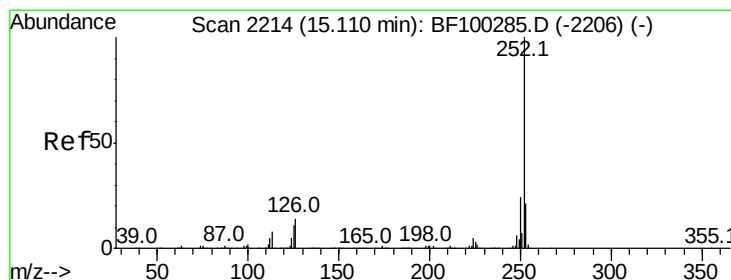
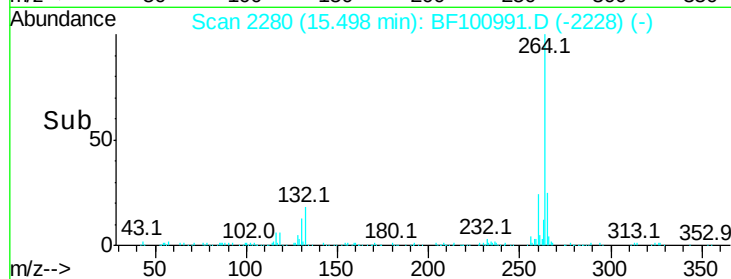
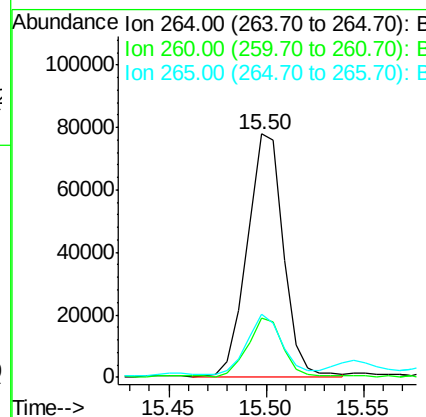
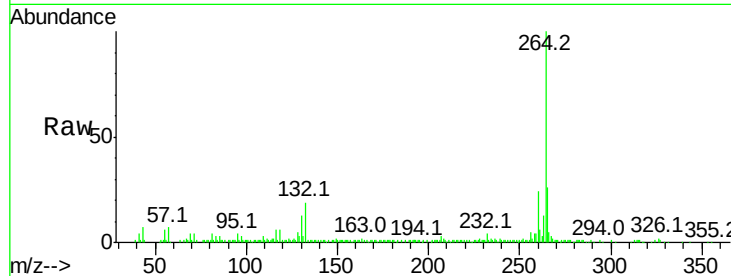




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

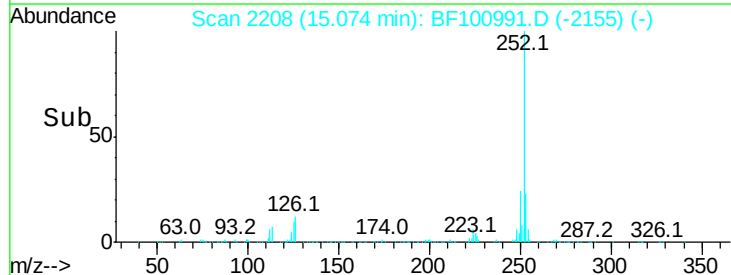
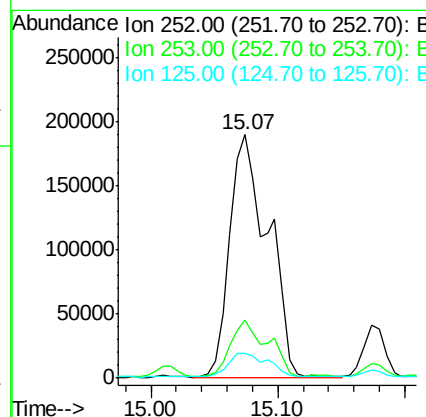
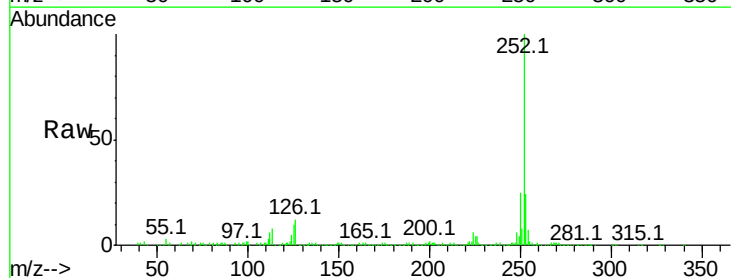
Instrument :
BNA_F
ClientSampleId :

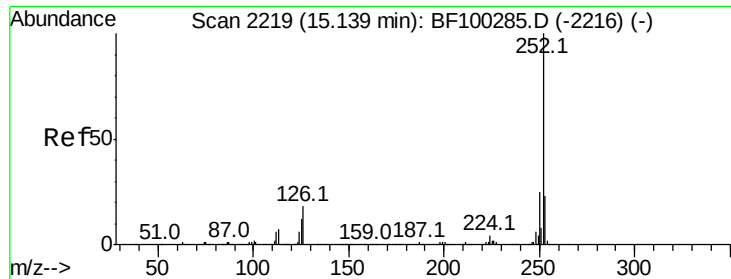
Tot Ion:264 Resp: 99497
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 25.7 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 67.378 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.01 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Tgt Ion:252 Resp: 397168
Ion Ratio Lower Upper
252 100
253 23.8 17.0 25.6
125 10.3 9.0 13.6

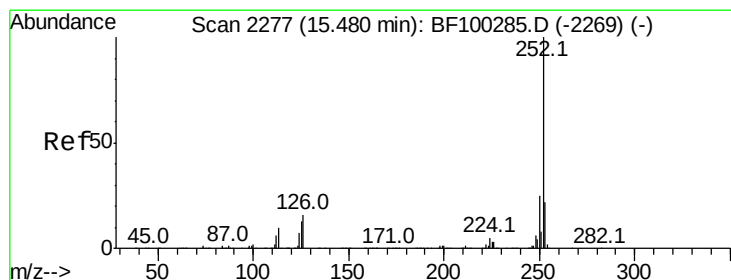
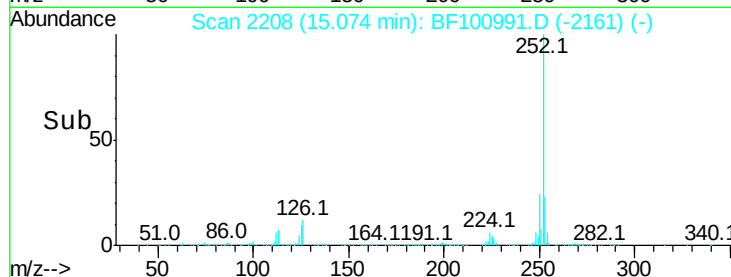
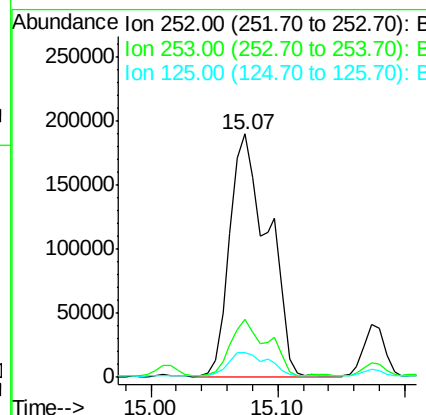
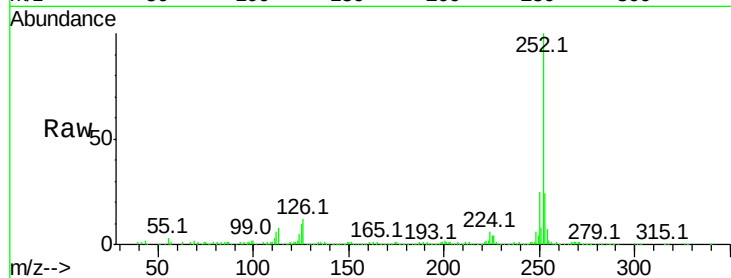




#88
Benzo(k)fluoranthene
Concen: 71.310 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

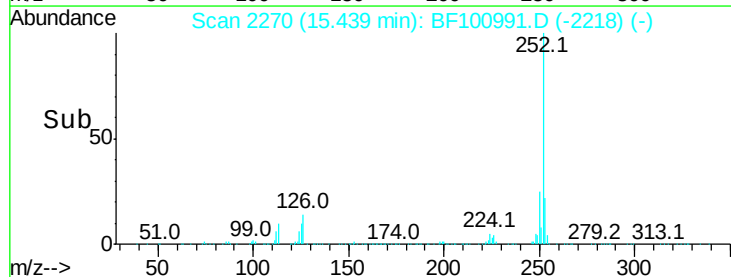
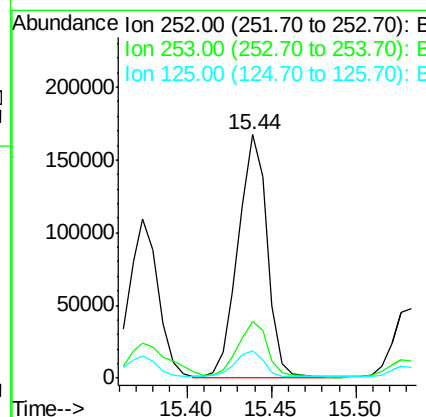
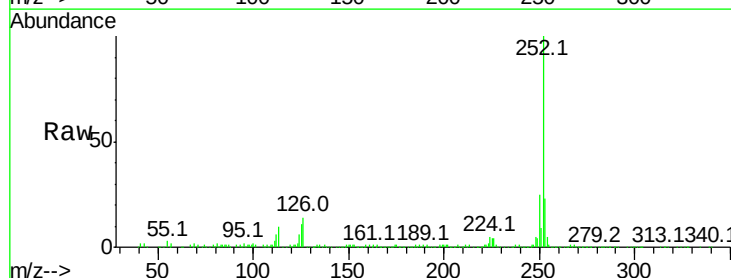
Instrument :
BNA_F
ClientSampleId :

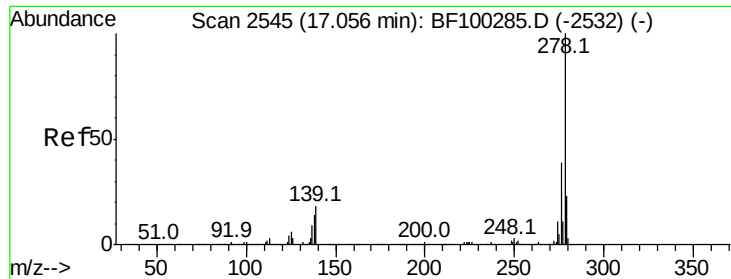
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.9	26.9
125	10.3	10.2	15.2



#89
Benzo(a)pyrene
Concen: 38.351 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF100991.D
Acq: 29 Nov 2017 21:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	11.0	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 2.700 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.07 min

Lab File: BF100991.D

Acq: 29 Nov 2017 21:11

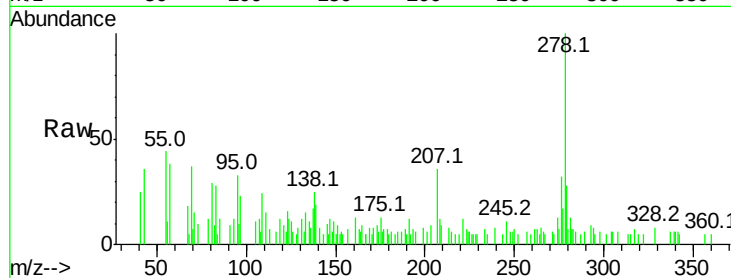
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 11537

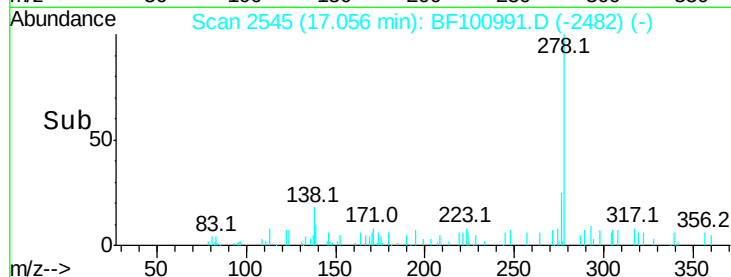
Ion	Ratio	Lower	Upper
278	100		
139	18.6	15.9	23.9
279	28.2	19.0	28.4



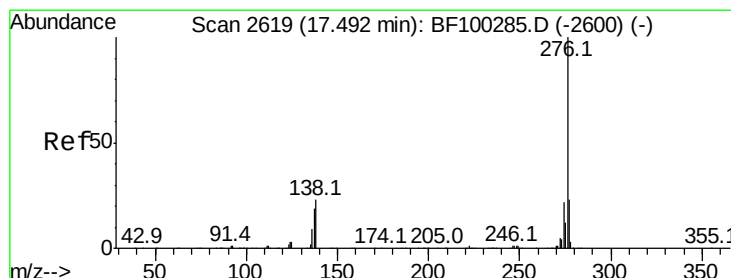
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#91

Benzo(g,h,i)perylene

Concen: 25.707 ng

RT: 17.43 min Scan# 2609

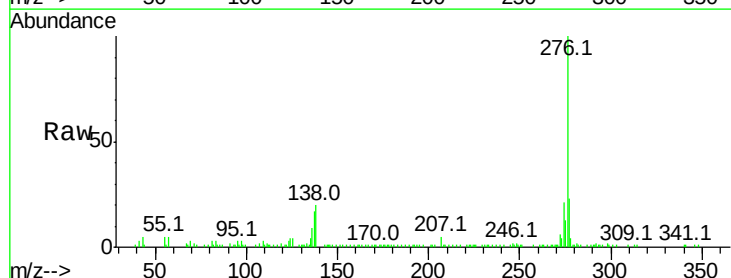
Delta R.T. 0.01 min

Lab File: BF100991.D

Acq: 29 Nov 2017 21:11

Tgt Ion:276 Resp: 107545

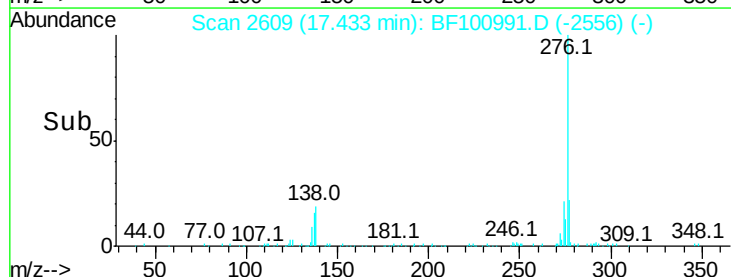
Ion	Ratio	Lower	Upper
276	100		
277	22.7	17.9	26.9
138	19.7	21.8	32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->