

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
 Data File : BF100992.D
 Acq On : 29 Nov 2017 21:38
 Operator : SJ/JU
 Sample : I6610-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 23:44:39 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	56333	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	208013	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	85346	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	143527	20.00	ng	0.00
75) Chrysene-d12	14.03	240	116057	20.00	ng	0.00
86) Perylene-d12	15.50	264	91138	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	370894	105.54	ng	0.00
7) Phenol-d6	6.49	99	439897	101.51	ng	0.00
23) Nitrobenzene-d5	7.42	82	256063	81.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	93163	107.12	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	491990	87.78	ng	0.00
78) Terphenyl-d14	12.96	244	396001	78.40	ng	0.00

Target Compounds

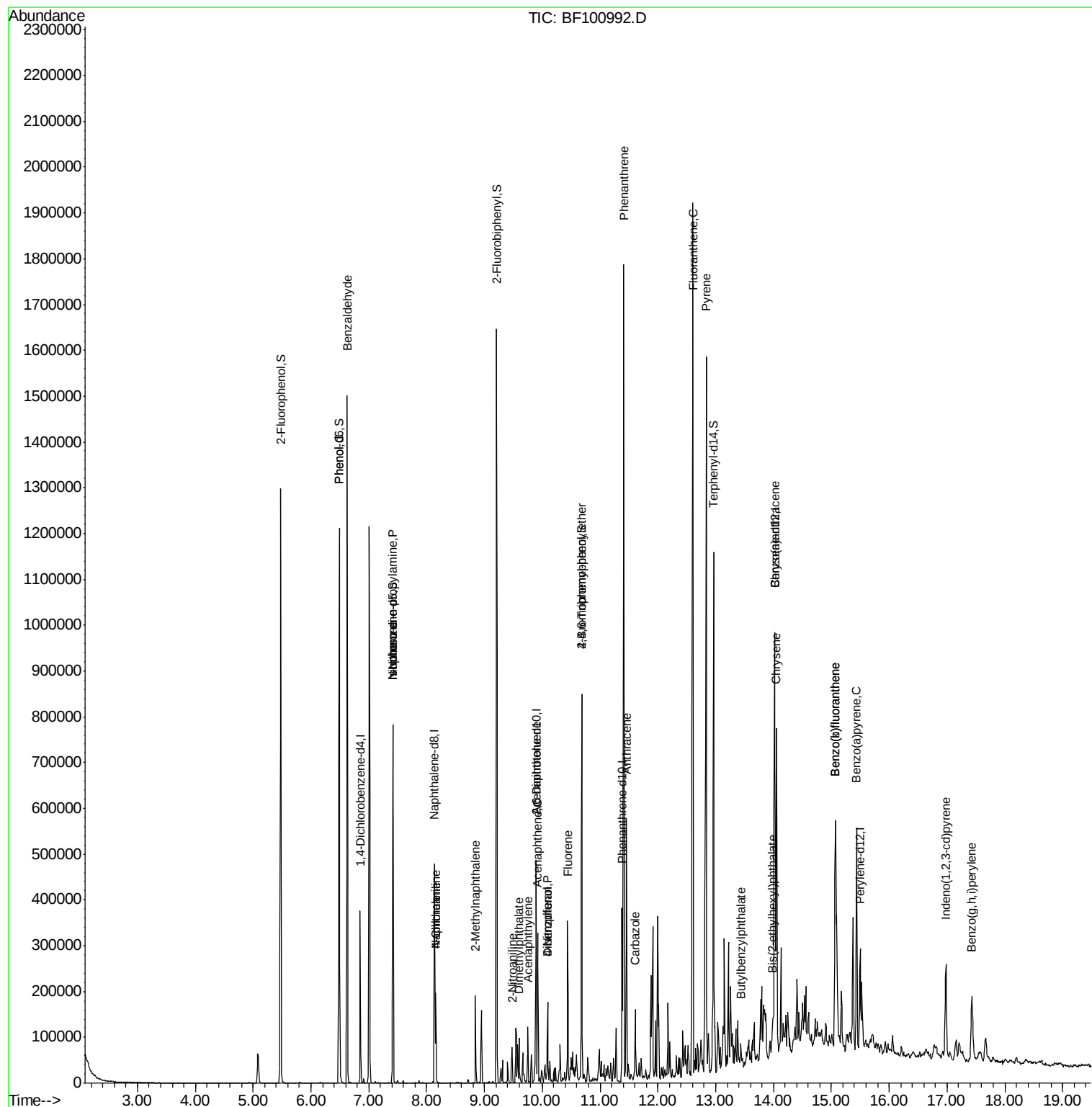
						Qvalue
9) Benzaldehyde	6.63	77	7948	2.568	ng	85
10) Phenol	6.50	94	13999	3.077	ng	78
19) n-Nitroso-di-n-propylamine	7.42	70	33732	11.224	ng	# 83
25) Isophorone	7.42	82	256059	38.728	ng	# 64
31) Naphthalene	8.16	128	75006	7.486	ng	99
33) 4-Chloroaniline	8.16	127	9610	2.304	ng	# 35
37) 2-Methylnaphthalene	8.85	142	50126	7.536	ng	98
47) 2-Nitroaniline	9.47	65	121	2.856	ng	# 2
48) Acenaphthylene	9.75	152	36918	4.160	ng	96
49) Dimethylphthalate	9.60	163	33696	5.171	ng	# 98
50) 2,6-Dinitrotoluene	9.89	165	13263	10.283	ng	# 24
51) Acenaphthene	9.92	154	65057	12.054	ng	99
54) Dibenzofuran	10.10	168	57750	7.634	ng	97
55) 4-Nitrophenol	10.09	139	20623	16.675	ng	# 10
57) Fluorene	10.44	166	87956	15.872	ng	100
66) 4-Bromophenyl-phenylether	10.68	248	5748	3.736	ng	# 1
70) Phenanthrene	11.41	178	681263	90.151	ng	98
71) Anthracene	11.46	178	202923	26.467	ng	98
72) Carbazole	11.61	167	51653	7.302	ng	99
74) Fluoranthene	12.60	202	787859	98.373	ng	96
77) Pyrene	12.83	202	701771	84.827	ng	99
79) Butylbenzylphthalate	13.43	149	8580	2.543	ng	# 95
80) Benzo(a)anthracene	14.02	228	359728	51.471	ng	99
82) Chrysene	14.05	228	292859	43.272	ng	97
83) Bis(2-ethylhexyl)phthalate	13.98	149	33462	7.541	ng	96
85) Indeno(1,2,3-cd)pyrene	16.98	276	122309	22.343	ng	# 90
87) Benzo(b)fluoranthene	15.07	252	411507	76.213	ng	98
88) Benzo(k)fluoranthene	15.07	252	411507	80.661	ng	99
89) Benzo(a)pyrene	15.44	252	217023	45.338	ng	97
91) Benzo(g,h,i)perylene	17.43	276	115765	30.210	ng	# 91

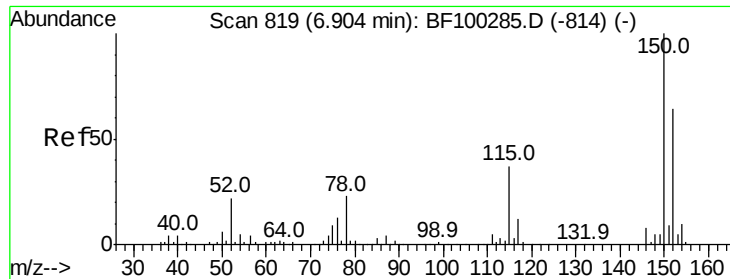
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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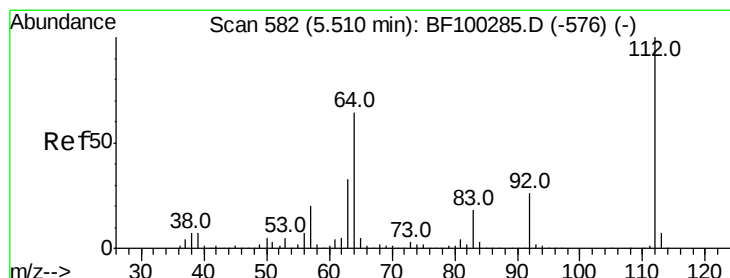
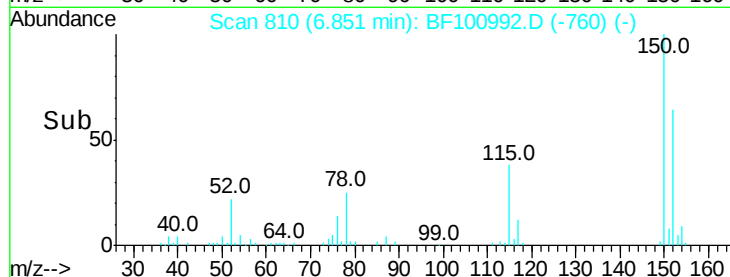
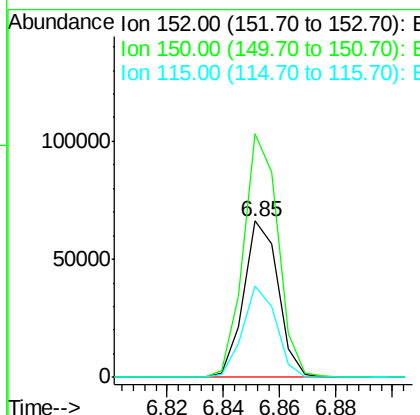
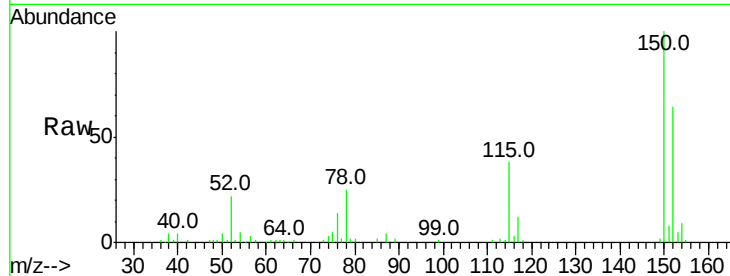




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF100992.D
 Acq: 29 Nov 2017 21:38

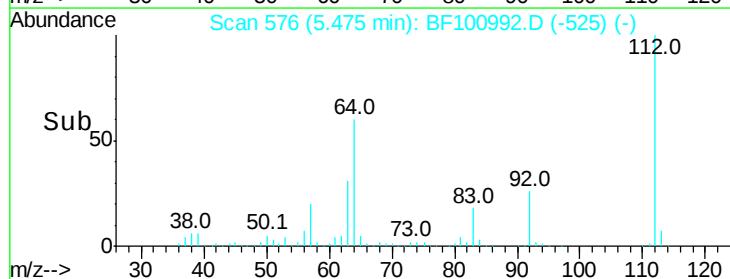
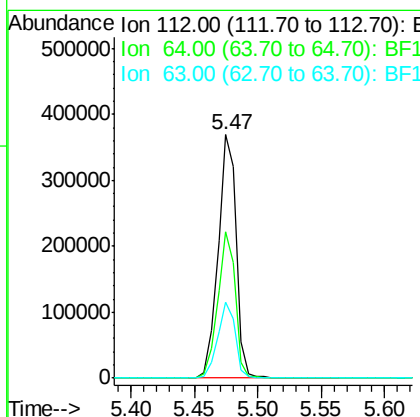
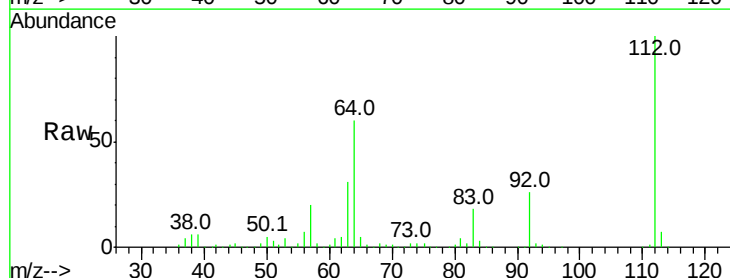
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 56333
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.6 186.8
 115 58.8 50.1 75.1



#5
 2-Fluorophenol
 Concen: 105.540 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.00 min
 Lab File: BF100992.D
 Acq: 29 Nov 2017 21:38

Tgt Ion:112 Resp: 370894
 Ion Ratio Lower Upper
 112 100
 64 60.1 47.9 71.9
 63 31.4 23.7 35.5





#7

Phenol-d6

Concen: 101.510 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF100992.D

Acq: 29 Nov 2017 21:38

Instrument :

BNA_F

ClientSampleId :

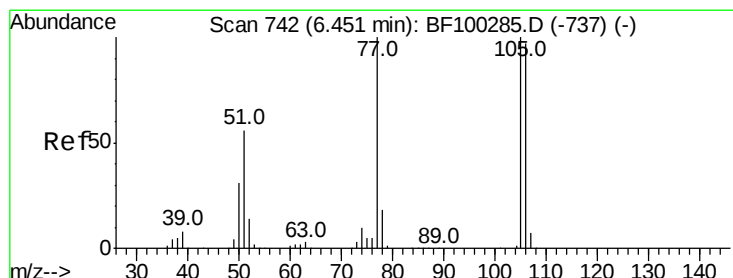
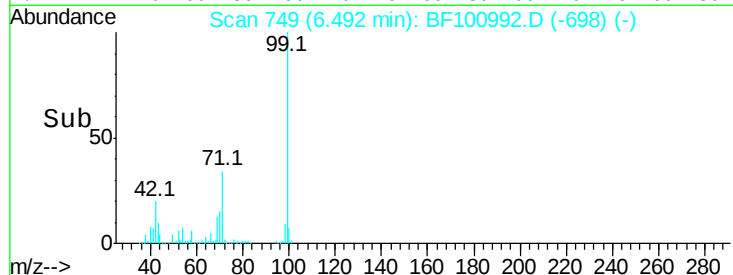
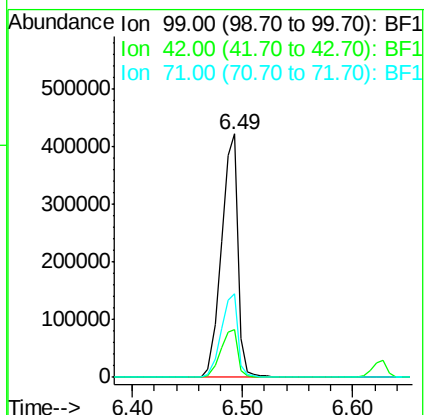
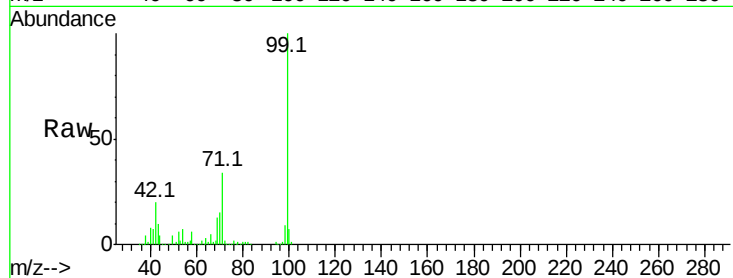
Tot Ion: 99 Resp: 439897

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

71 34.1 25.4 38.0



#9

Benzaldehyde

Concen: 2.568 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.21 min

Lab File: BF100992.D

Acq: 29 Nov 2017 21:38

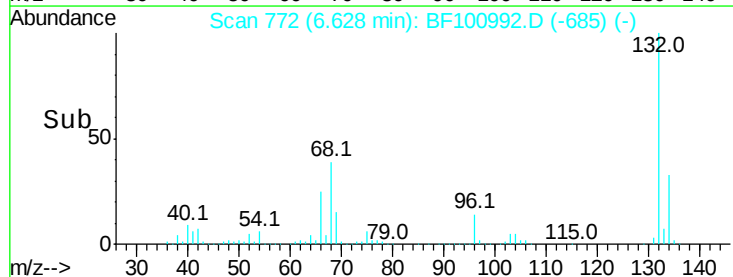
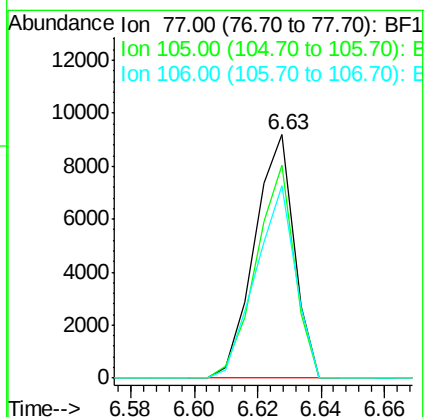
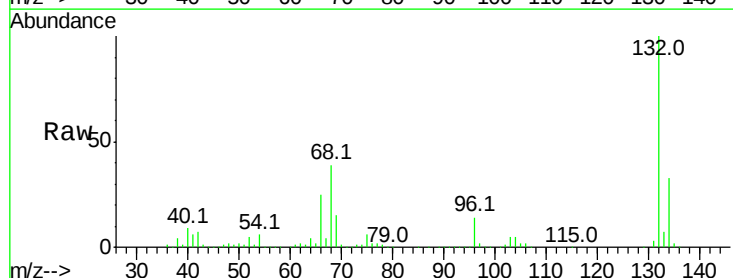
Tgt Ion: 77 Resp: 7948

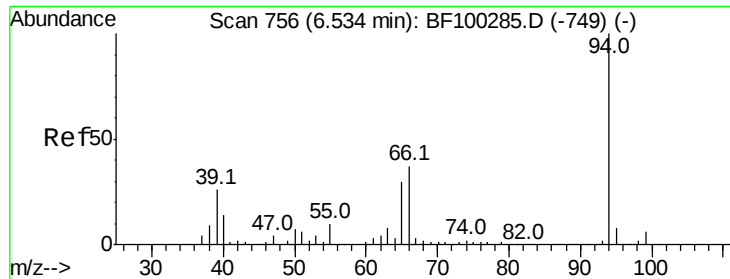
Ion Ratio Lower Upper

77 100

105 87.3 81.1 121.1

106 79.0 74.5 114.5





#10

Phenol

Concen: 3.077 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100992.D

Acq: 29 Nov 2017 21:38

Instrument :

BNA_F

ClientSampled :

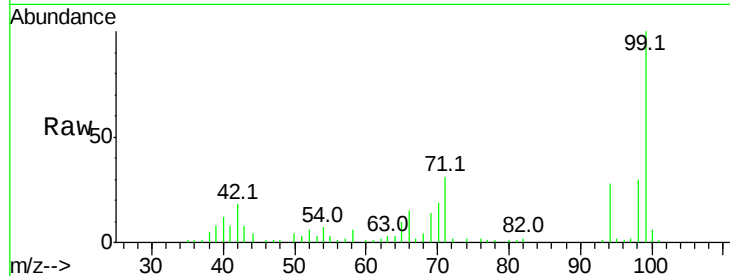
Tot Ion: 94 Resp: 13999

Ion Ratio Lower Upper

94 100

65 34.8 7.9 47.9

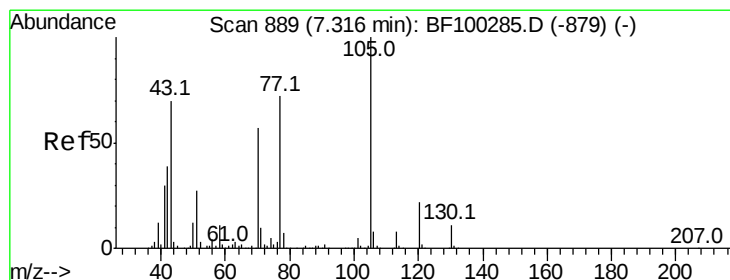
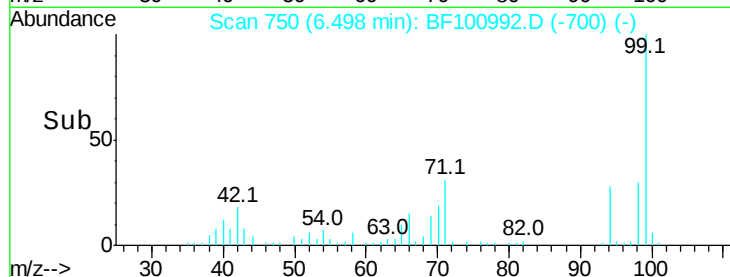
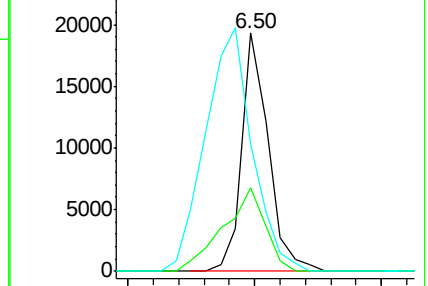
66 53.2 16.2 56.2



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: 11.224 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.14 min

Lab File: BF100992.D

Acq: 29 Nov 2017 21:38

Tgt Ion: 70 Resp: 33732

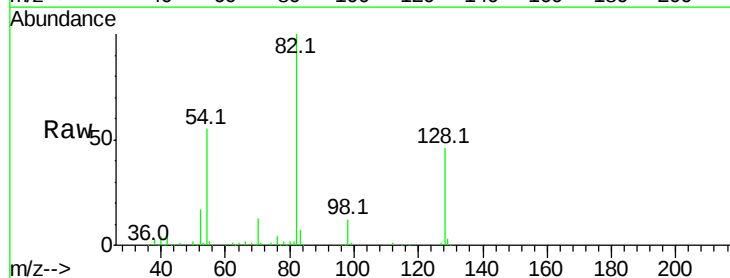
Ion Ratio Lower Upper

70 100

42 54.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

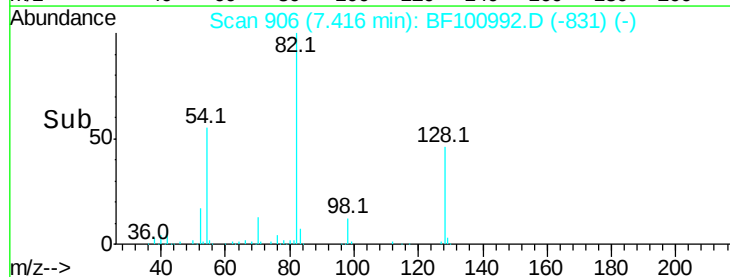
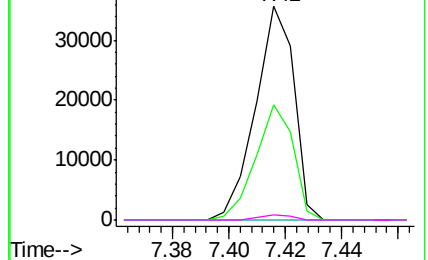


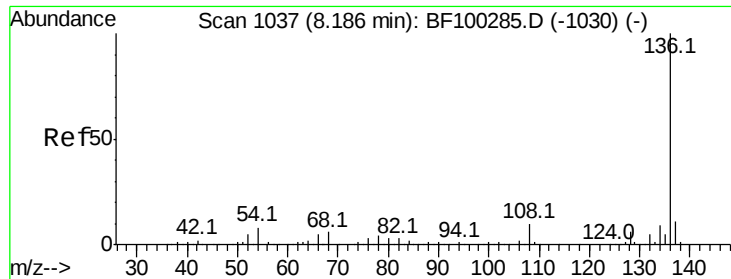
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

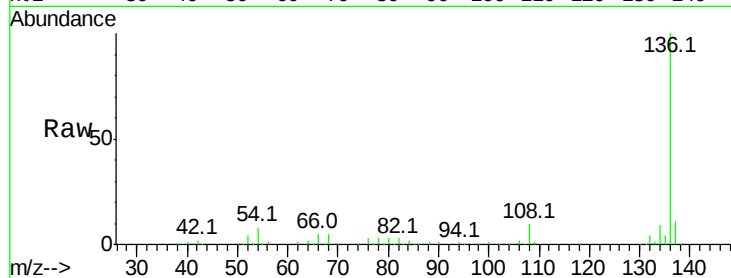




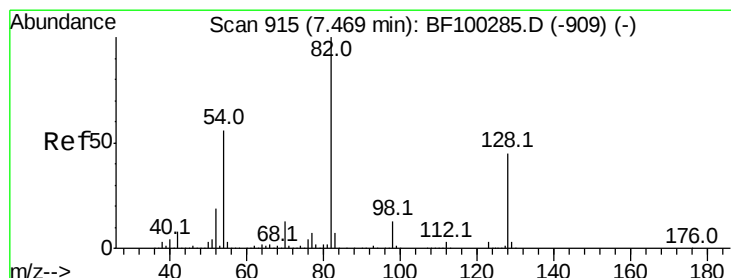
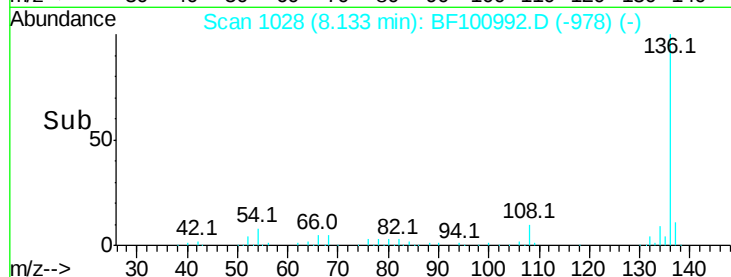
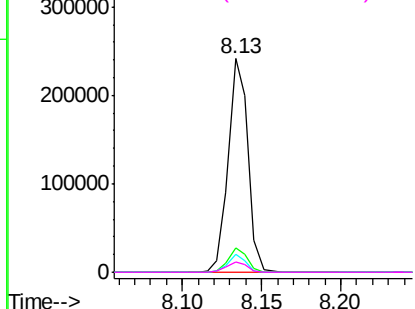
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF100992.D
Acq: 29 Nov 2017 21:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	208013
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.4	6.6	9.8
68	5.1	5.0	7.4

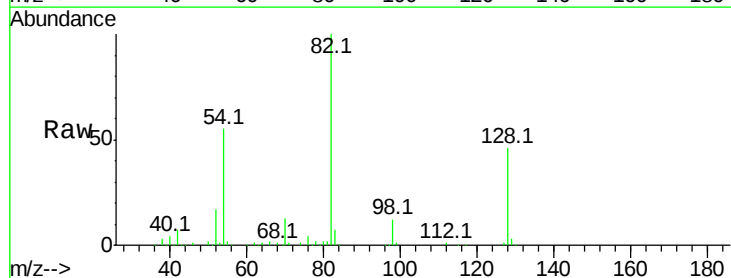


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

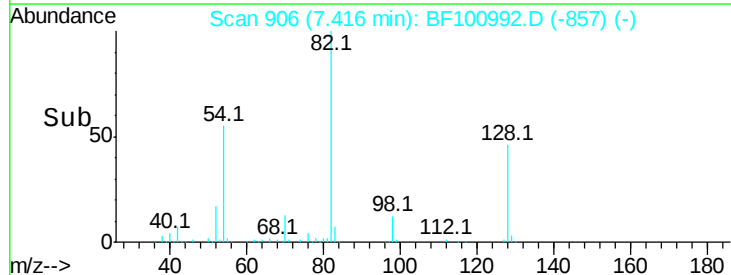
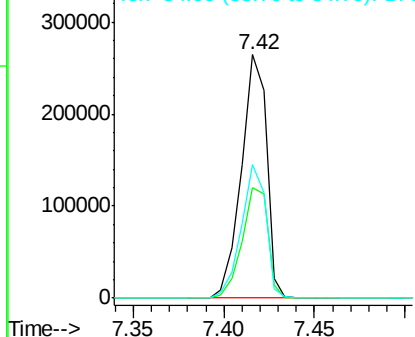


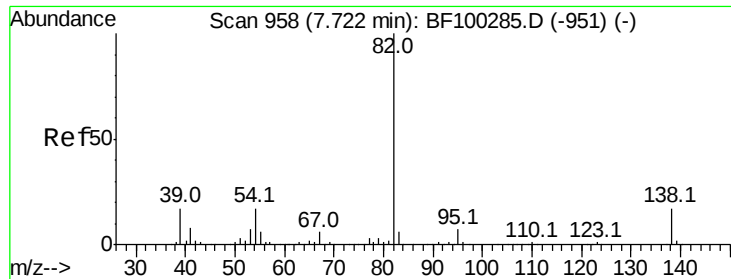
#23
Nitrobenzene-d5
Concen: 81.385 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF100992.D
Acq: 29 Nov 2017 21:38

Tgt Ion:	82	Resp:	256063
Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	55.0	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: 38.728 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF100992.D

Acq: 29 Nov 2017 21:38

Instrument :

BNA_F

ClientSampleId :

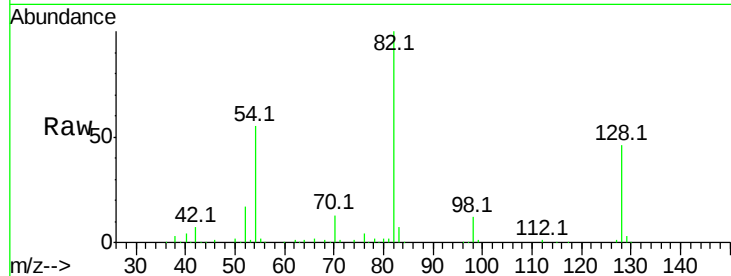
Tot Ion: 82 Resp: 256059

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

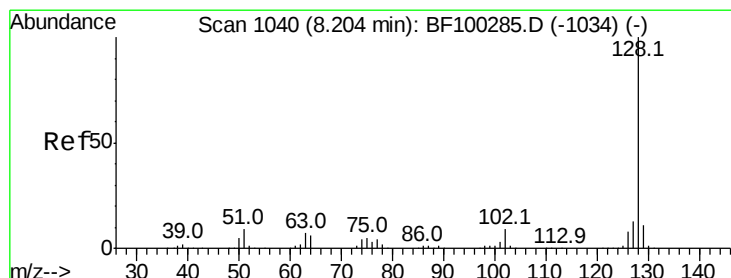
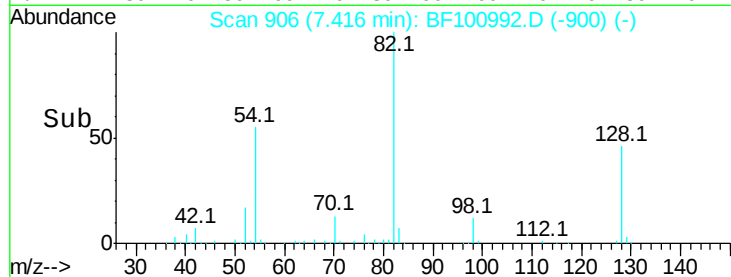
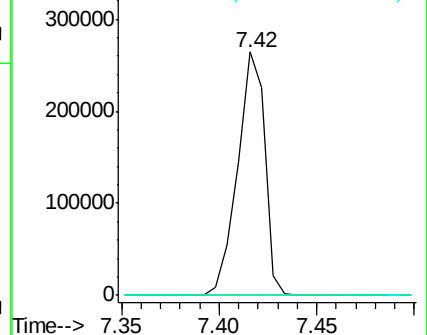
138 0.0 14.9 22.3#



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



#31

Naphthalene

Concen: 7.486 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF100992.D

Acq: 29 Nov 2017 21:38

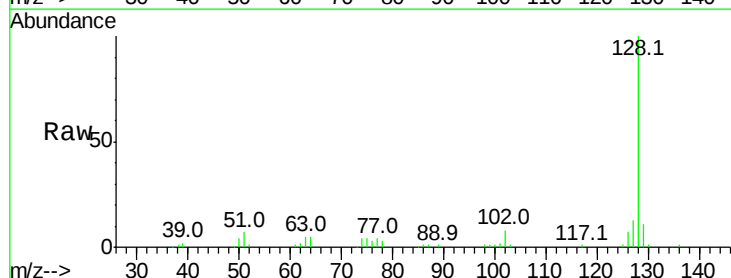
Tgt Ion: 128 Resp: 75006

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

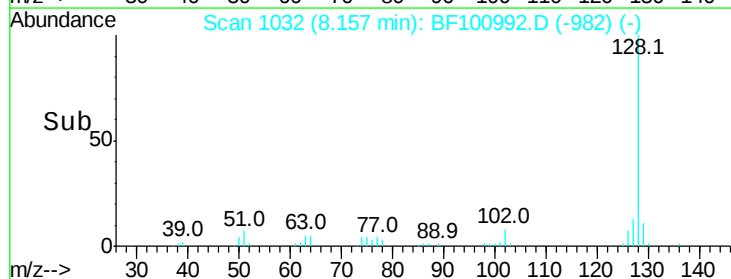
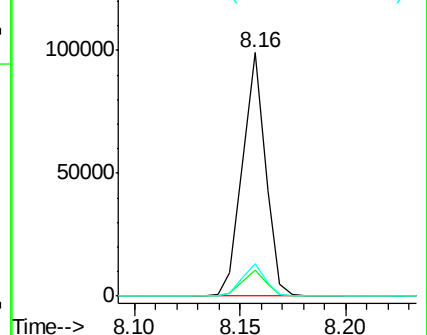
127 13.3 10.9 16.3

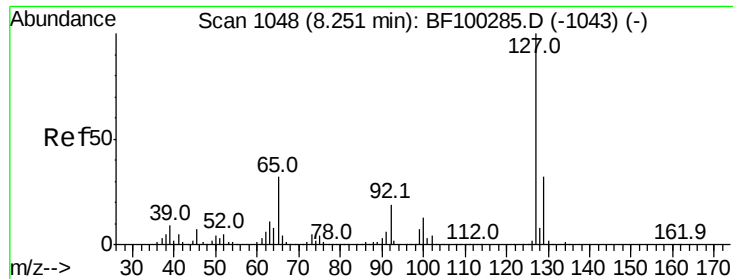


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

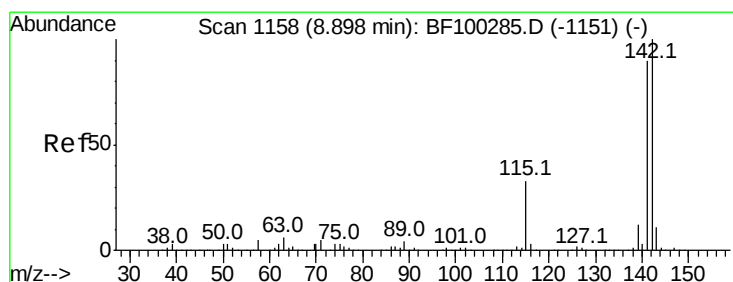
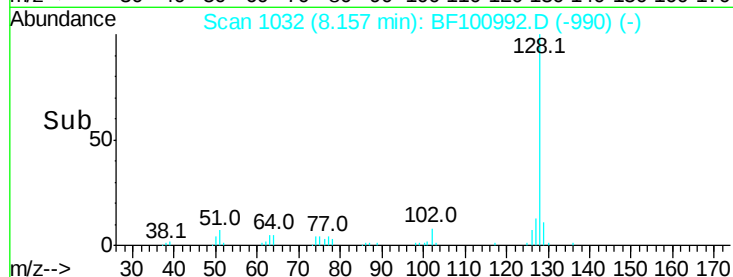
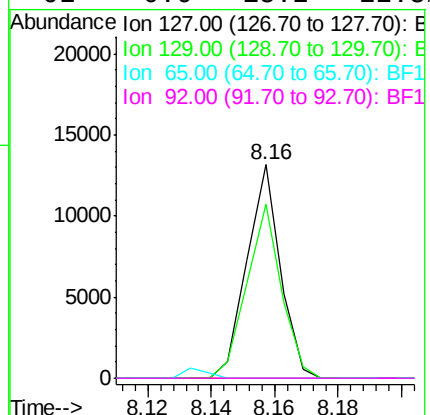
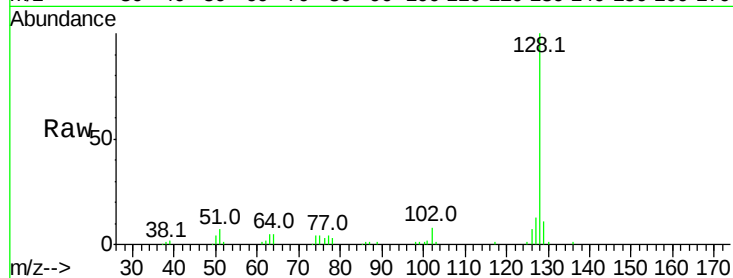




#33
4-Chloroaniline
Concen: 2.304 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF100992.D
Acq: 29 Nov 2017 21:38

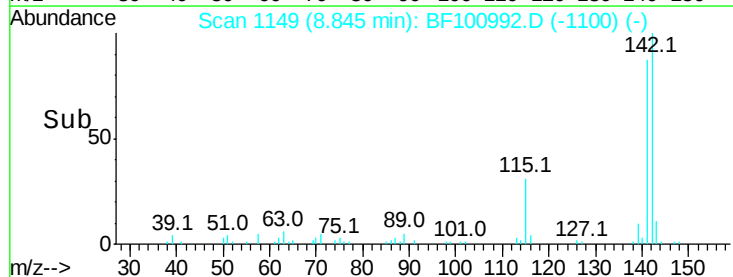
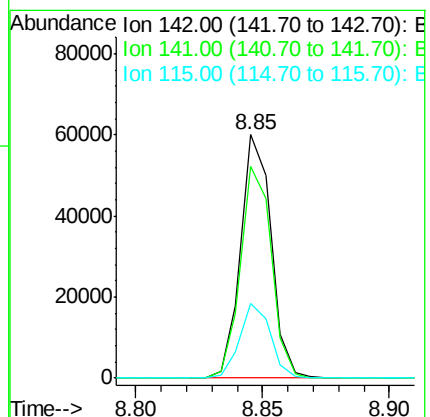
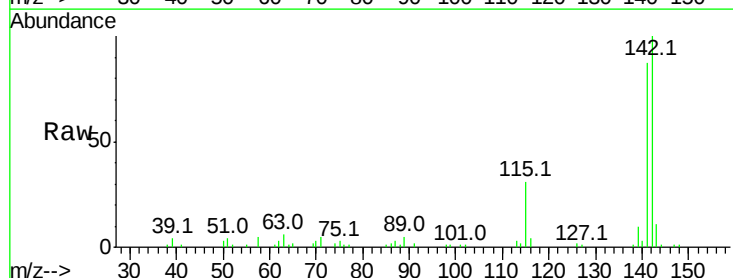
Instrument :
BNA_F
ClientSampleId :

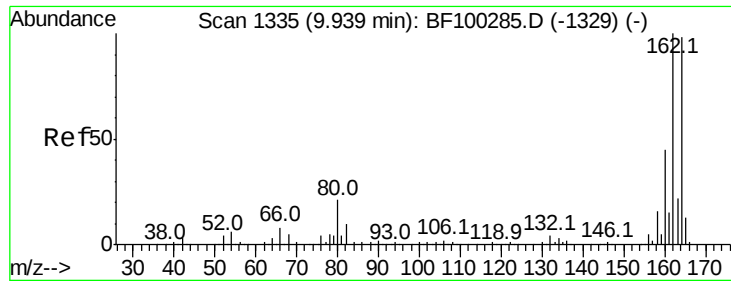
Tot Ion:	127	Resp:	9610
Ion	Ratio	Lower	Upper
127	100		
129	81.2	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



#37
2-Methylnaphthalene
Concen: 7.536 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF100992.D
Acq: 29 Nov 2017 21:38

Tgt Ion:	142	Resp:	50126
Ion	Ratio	Lower	Upper
142	100		
141	86.7	70.8	106.2
115	30.8	26.1	39.1

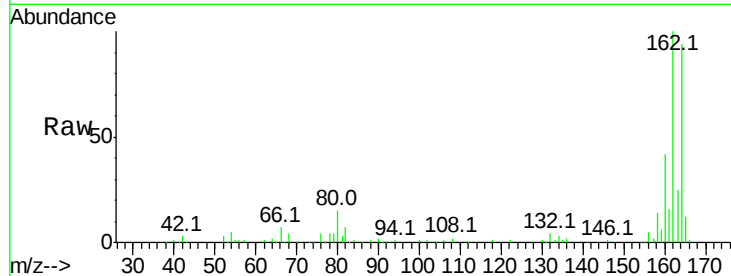




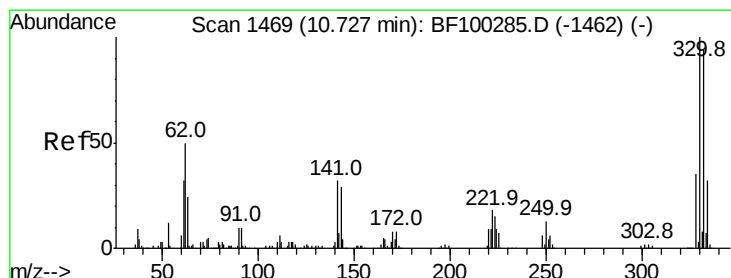
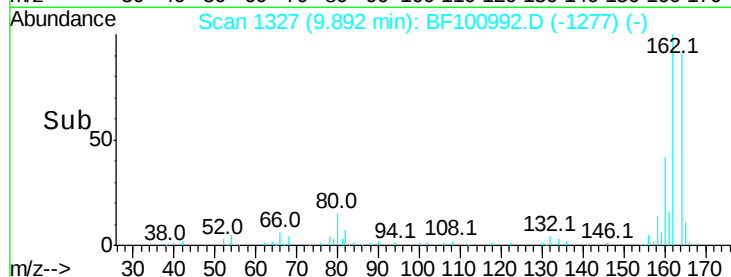
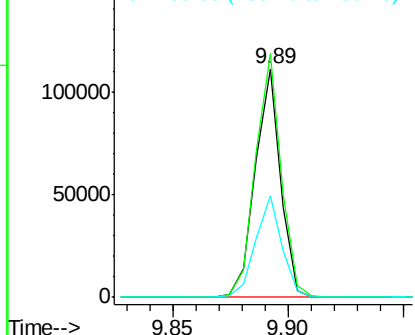
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF100992.D
 Acq: 29 Nov 2017 21:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 85346
 Ion Ratio Lower Upper
 164 100
 162 106.5 86.1 129.1
 160 44.6 38.3 57.5

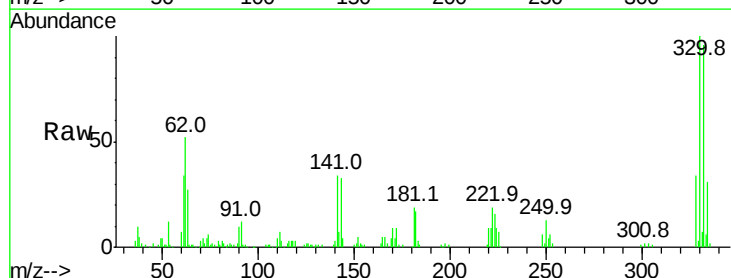


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

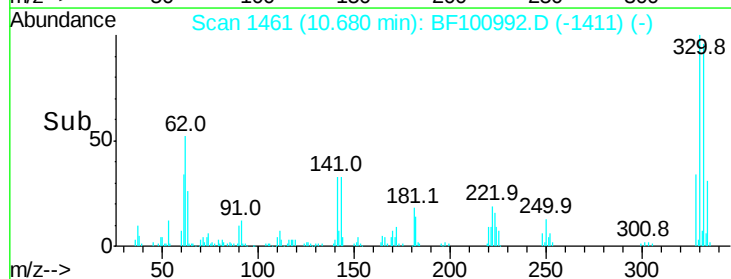
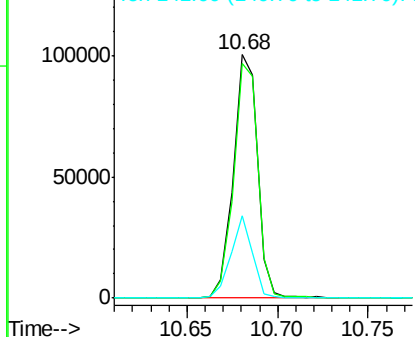


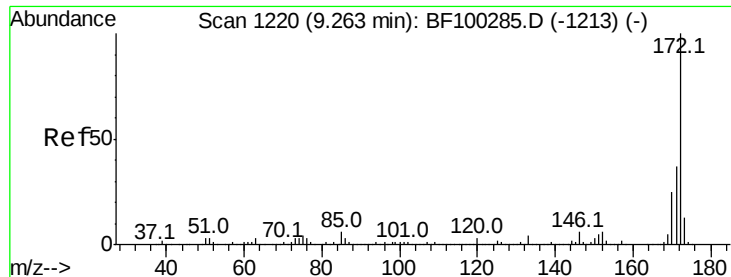
#41
 2,4,6-Tribromophenol
 Concen: 107.124 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF100992.D
 Acq: 29 Nov 2017 21:38

Tgt Ion:330 Resp: 93163
 Ion Ratio Lower Upper
 330 100
 332 97.0 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

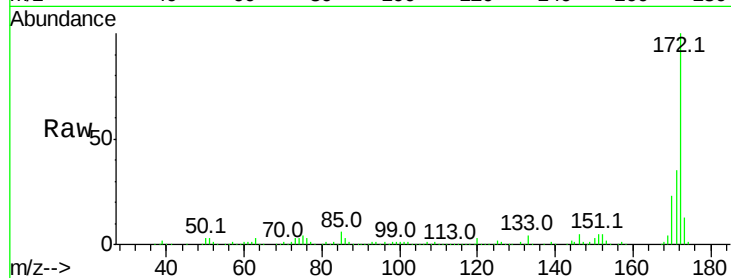




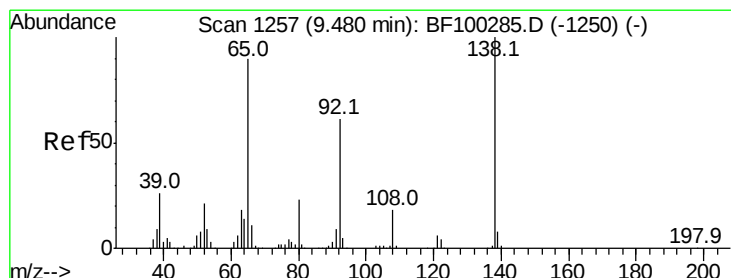
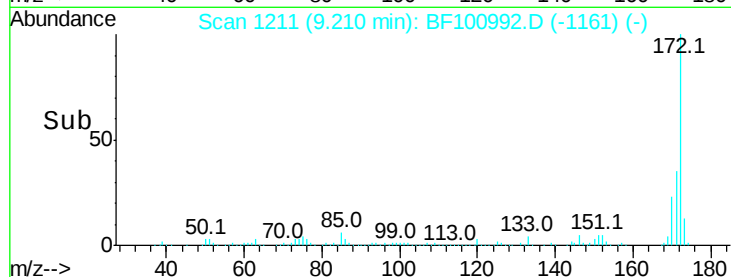
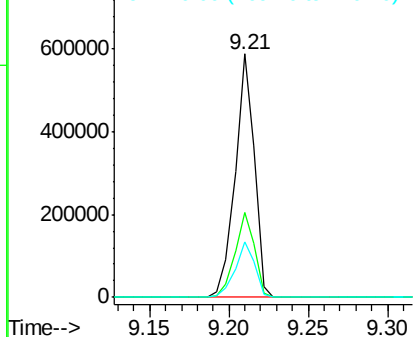
#44
2-Fluorobiphenyl
Concen: 87.779 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF100992.D
Acq: 29 Nov 2017 21:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 491990
Ion Ratio Lower Upper
172 100
171 35.1 29.7 44.5
170 23.0 19.6 29.4

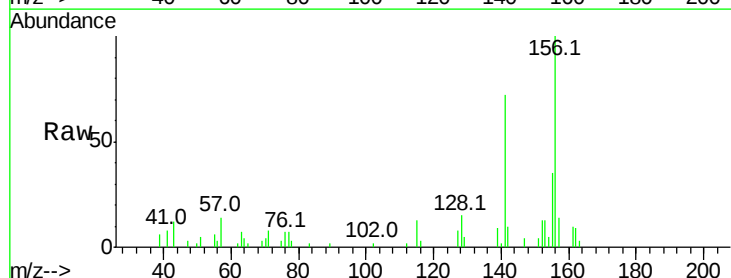


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

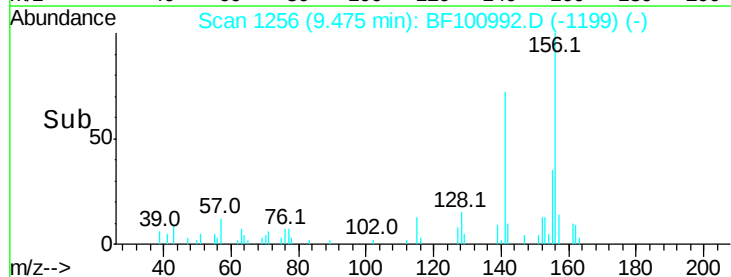
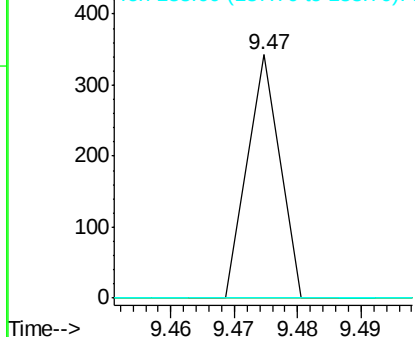


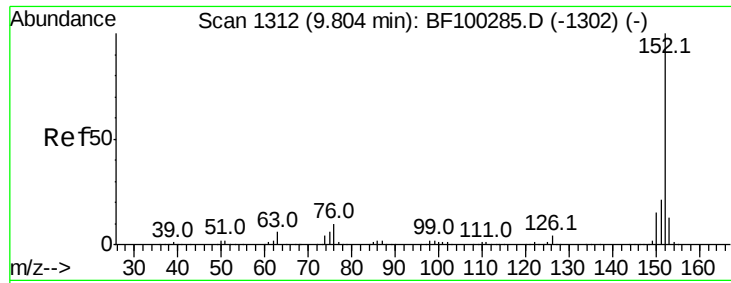
#47
2-Nitroaniline
Concen: 2.856 ng
RT: 9.47 min Scan# 1256
Delta R.T. 0.04 min
Lab File: BF100992.D
Acq: 29 Nov 2017 21:38

Tgt Ion: 65 Resp: 121
Ion Ratio Lower Upper
65 100
92 0.0 55.8 83.6#
138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E

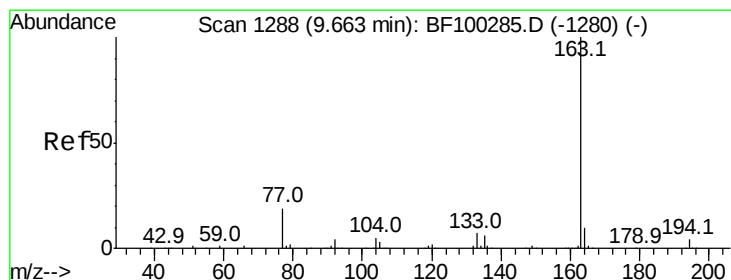
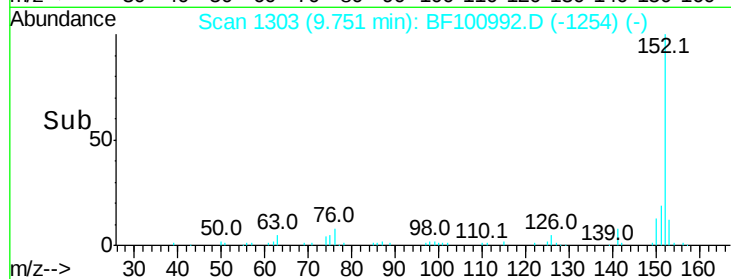
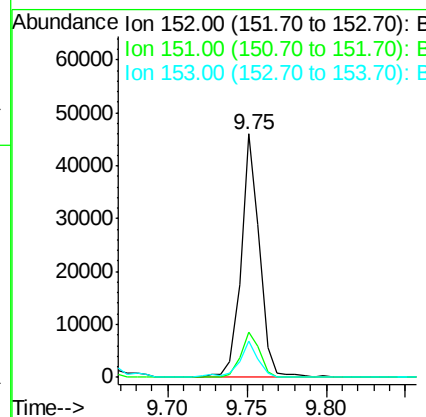
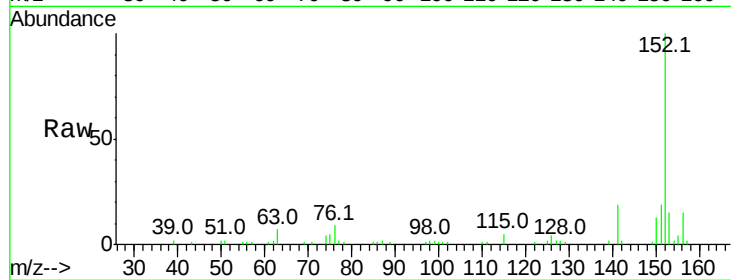




#48
Acenaphthylene
Concen: 4.160 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF100992.D
Acq: 29 Nov 2017 21:38

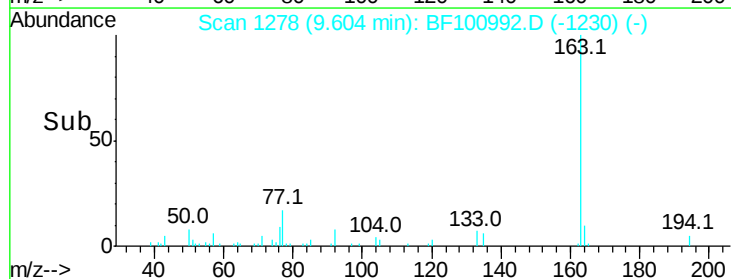
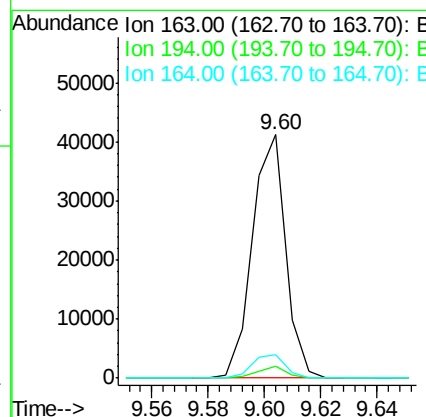
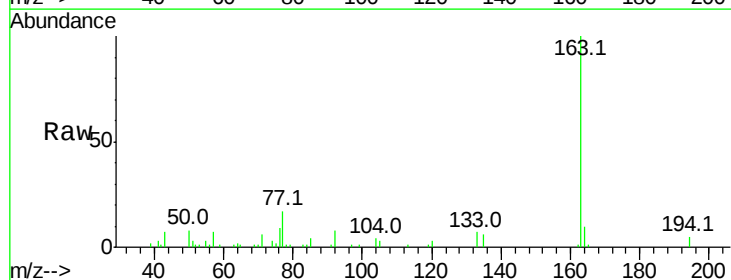
Instrument :
BNA_F
ClientSampleId :

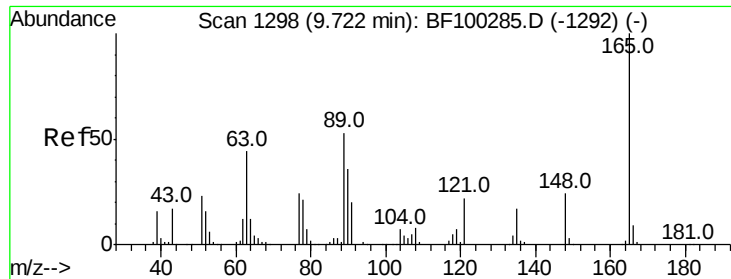
Tot Ion:152 Resp: 36918
Ion Ratio Lower Upper
152 100
151 18.7 16.3 24.5
153 14.8 10.7 16.1



#49
Dimethylphthalate
Concen: 5.171 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF100992.D
Acq: 29 Nov 2017 21:38

Tgt Ion:163 Resp: 33696
Ion Ratio Lower Upper
163 100
194 4.7 2.7 4.1#
164 9.7 8.2 12.2

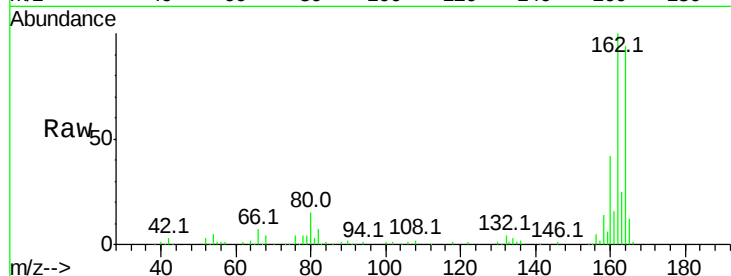




#50
2,6-Dinitrotoluene
Concen: 10.283 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF100992.D
Acq: 29 Nov 2017 21:38

Instrument :
BNA_F
ClientSampleId :

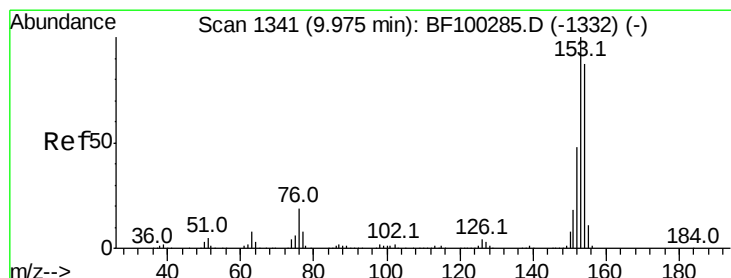
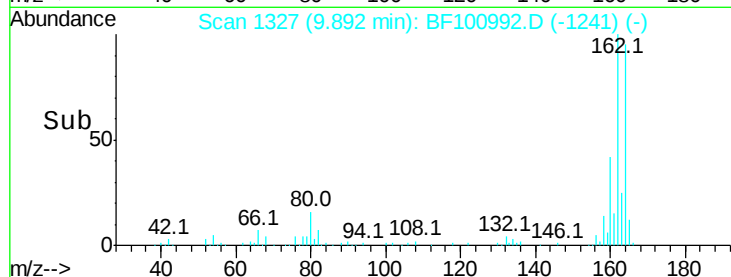
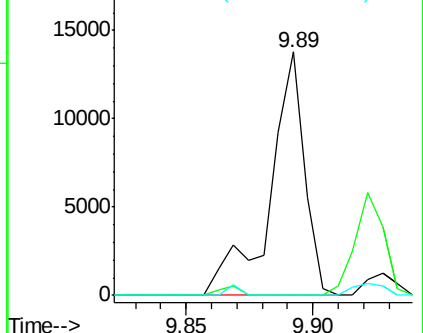
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

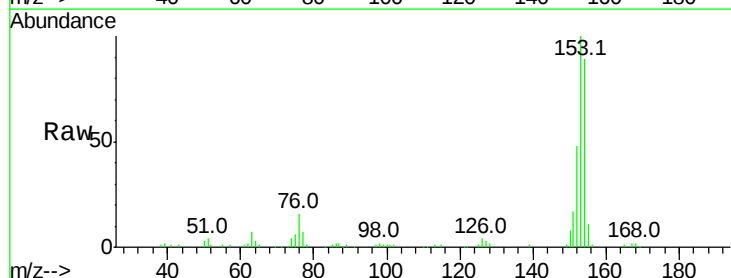
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#51
Acenaphthene
Concen: 12.054 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF100992.D
Acq: 29 Nov 2017 21:38

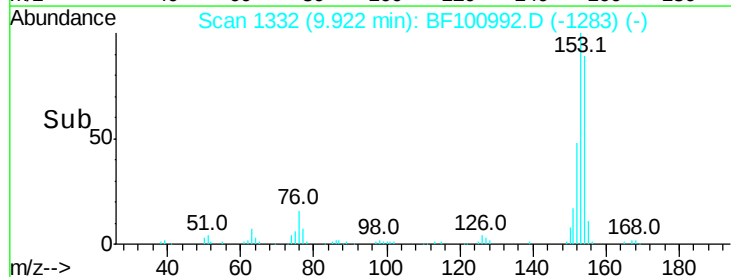
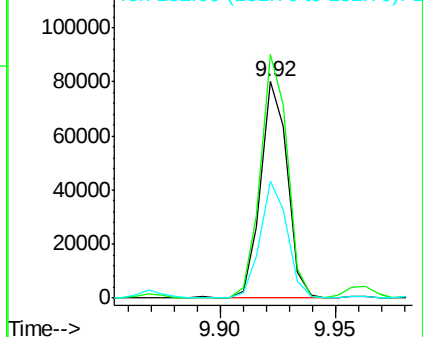
Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	91.2	136.8
152	53.8	43.8	65.8

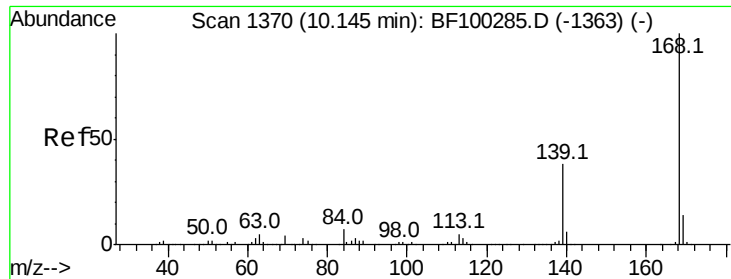


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 7.634 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF100992.D

Acq: 29 Nov 2017 21:38

Instrument :

BNA_F

ClientSampleId :

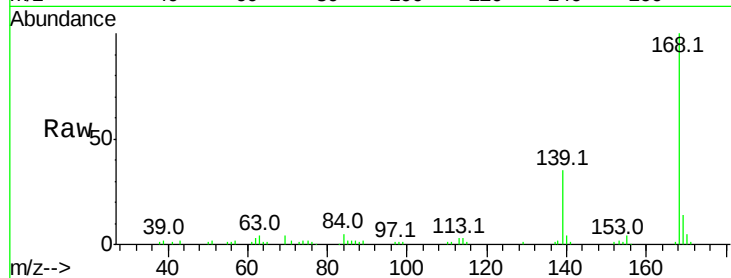
Tot Ion:168 Resp: 57750

Ion Ratio Lower Upper

168 100

139 35.1 30.1 45.1

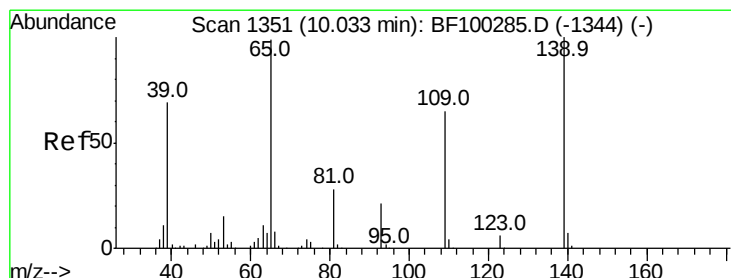
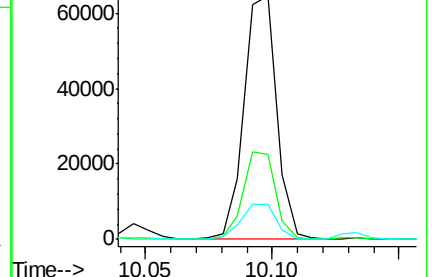
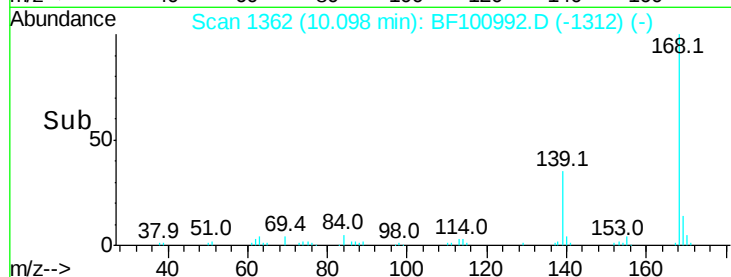
169 14.3 10.9 16.3



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: 16.675 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.08 min

Lab File: BF100992.D

Acq: 29 Nov 2017 21:38

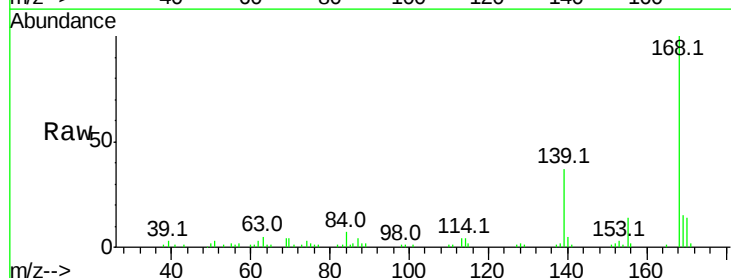
Tgt Ion:139 Resp: 20623

Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

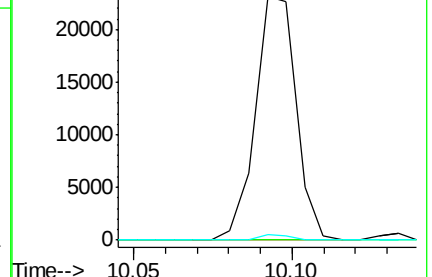
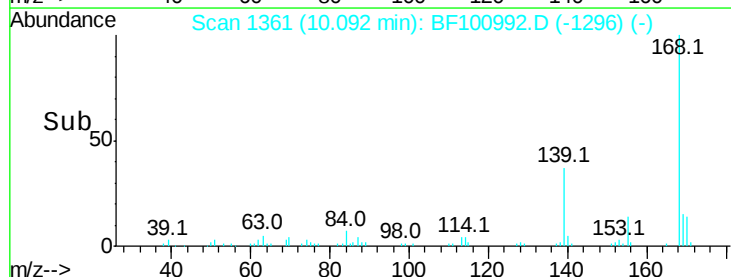
65 2.4 72.6 112.6#

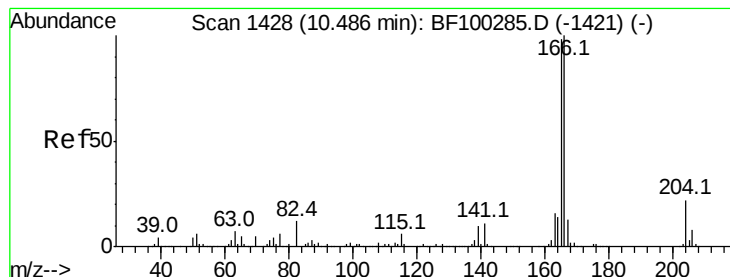


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

Fluorene

Concen: 15.872 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF100992.D

Acq: 29 Nov 2017 21:38

Instrument :

BNA_F

ClientSampleId :

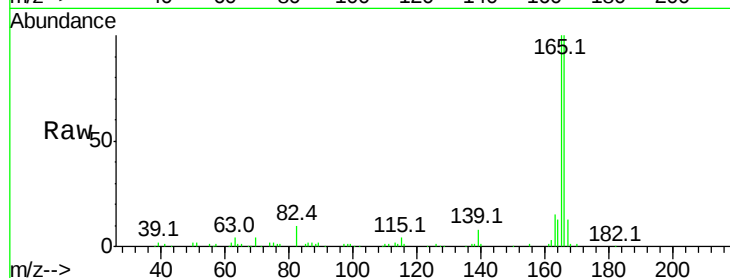
Tot Ion:166 Resp: 87956

Ion Ratio Lower Upper

166 100

165 99.6 79.8 119.8

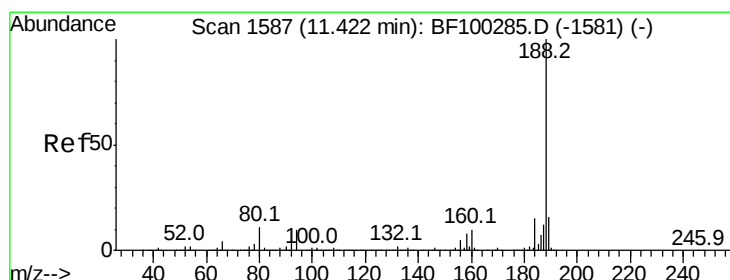
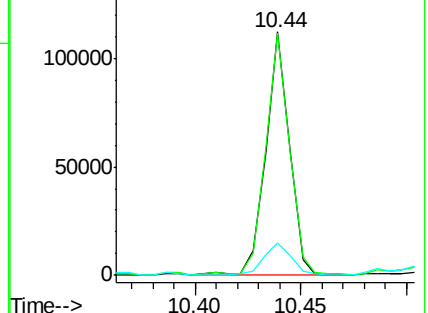
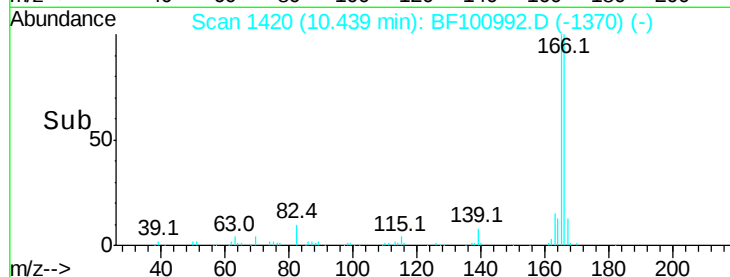
167 13.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BF100992.D

Acq: 29 Nov 2017 21:38

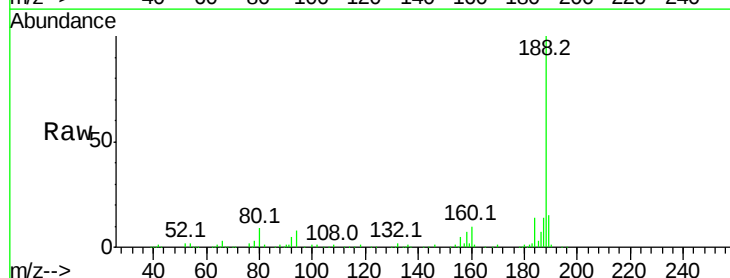
Tgt Ion:188 Resp: 143527

Ion Ratio Lower Upper

188 100

94 7.7 8.5 12.7#

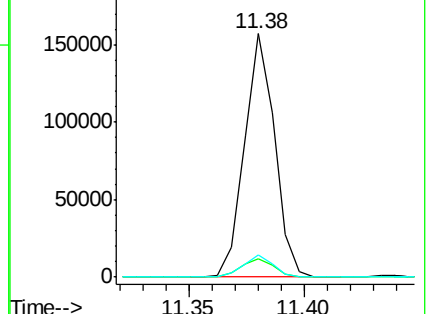
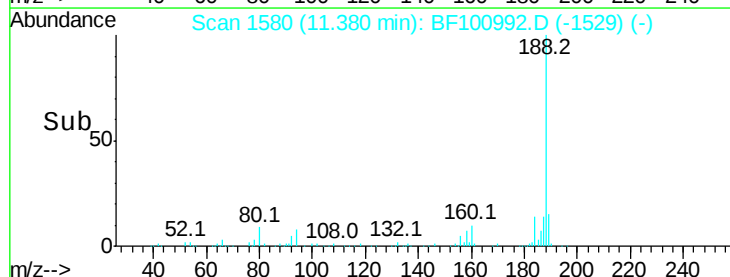
80 9.0 9.2 13.8#

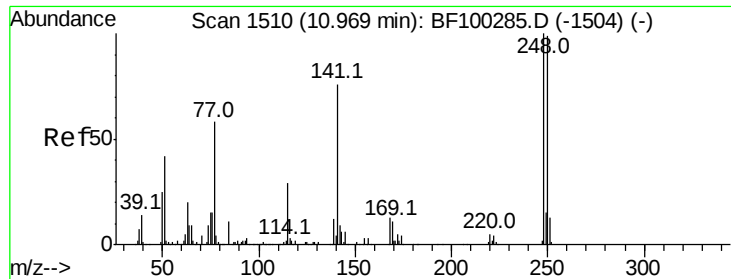


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

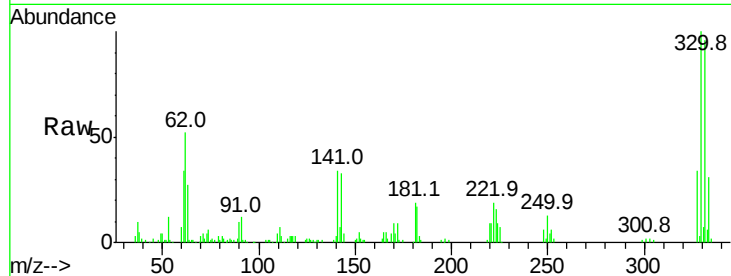




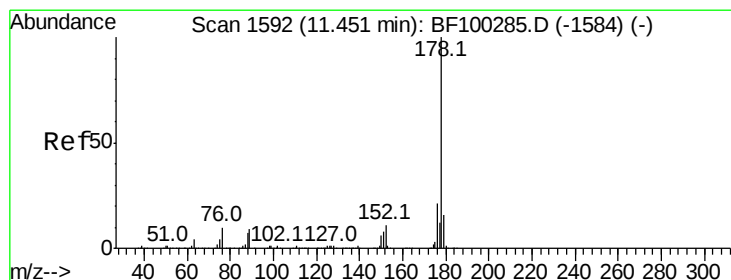
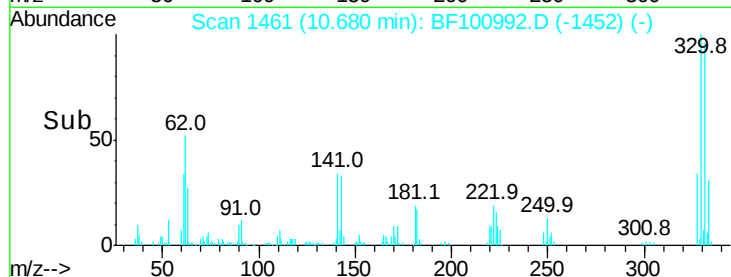
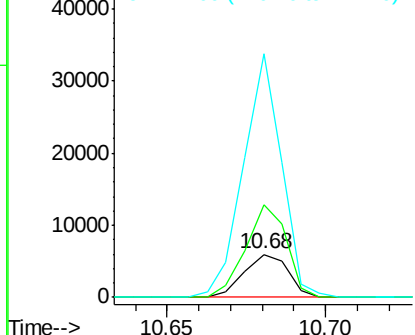
#66
4-Bromophenyl-phenylether
Concen: 3.736 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.25 min
Lab File: BF100992.D
Acq: 29 Nov 2017 21:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 5748
Ion Ratio Lower Upper
248 100
250 216.3 76.9 115.3#
141 567.5 74.4 111.6#

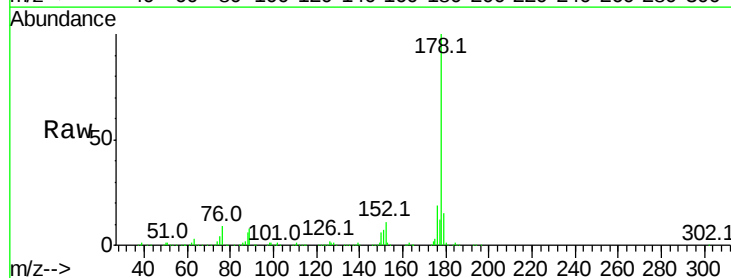


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

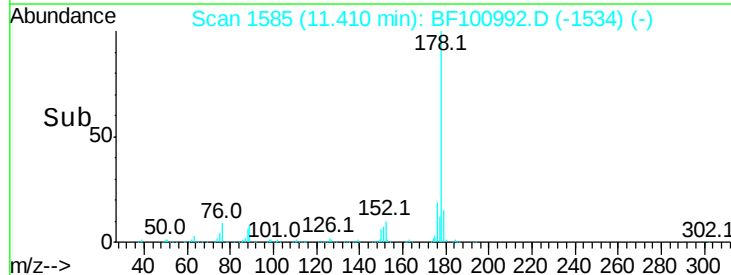
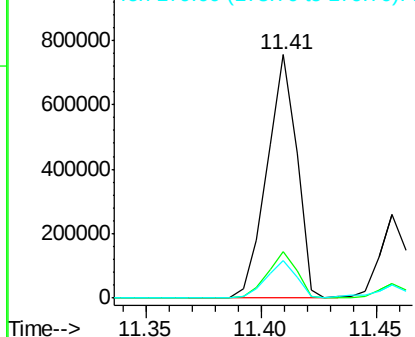


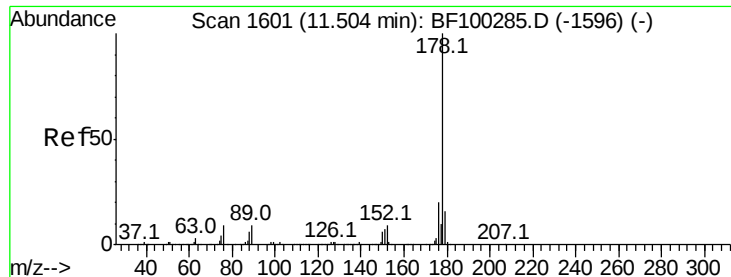
#70
Phenanthrene
Concen: 90.151 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF100992.D
Acq: 29 Nov 2017 21:38

Tgt Ion:178 Resp: 681263
Ion Ratio Lower Upper
178 100
176 18.8 15.8 23.8
179 15.3 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



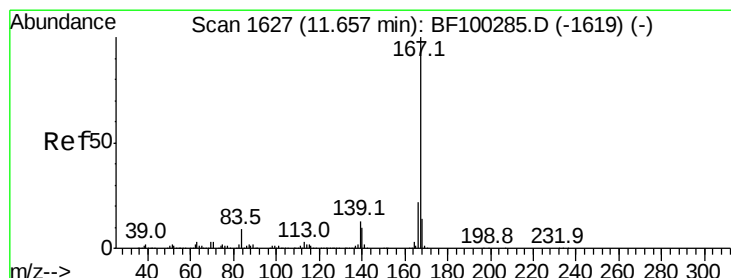
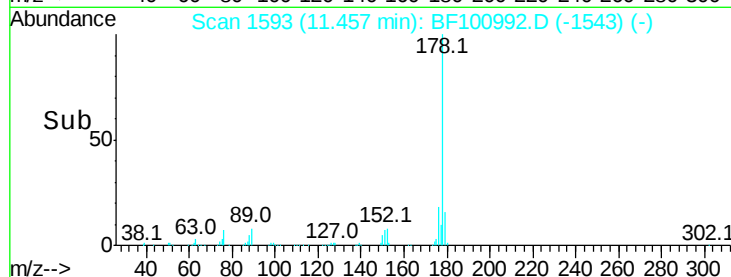
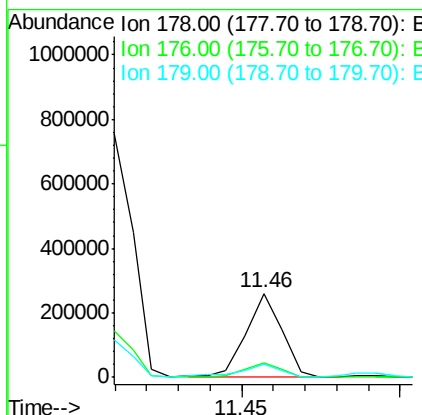
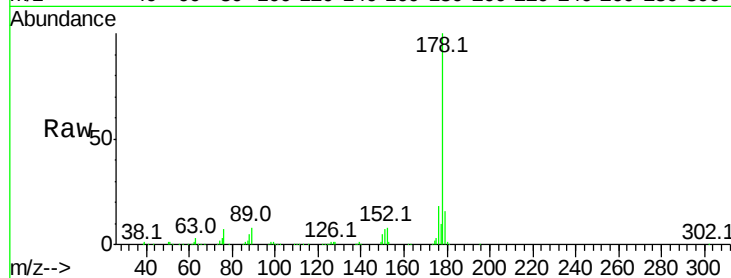


#71
 Anthracene
 Concen: 26.467 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BF100992.D
 Acq: 29 Nov 2017 21:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 202923

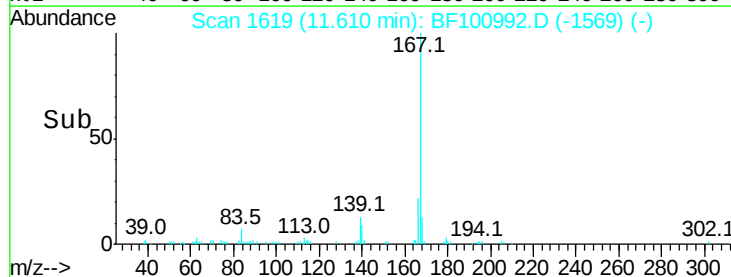
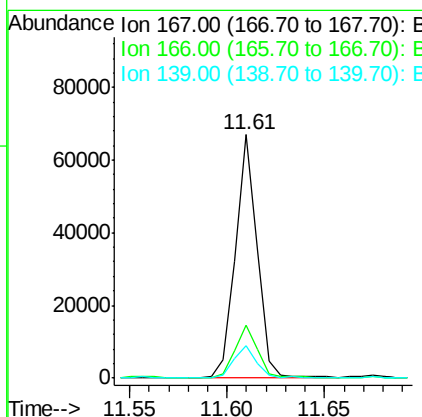
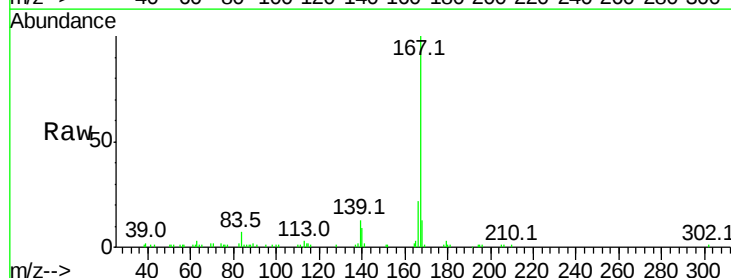
Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.2
179	15.8	12.6	19.0

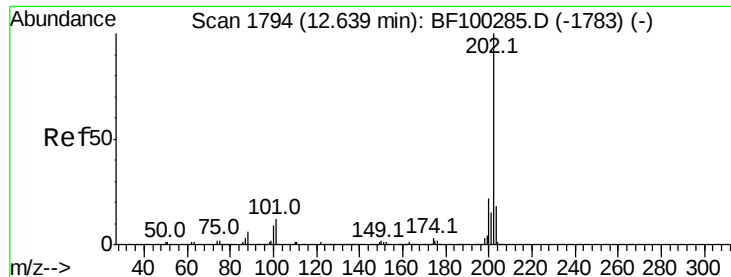


#72
 Carbazole
 Concen: 7.302 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF100992.D
 Acq: 29 Nov 2017 21:38

Tgt Ion:167 Resp: 51653

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	13.2	10.9	16.3





#74

Fluoranthene

Concen: 98.373 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF100992.D

Acq: 29 Nov 2017 21:38

Instrument :

BNA_F

ClientSampleId :

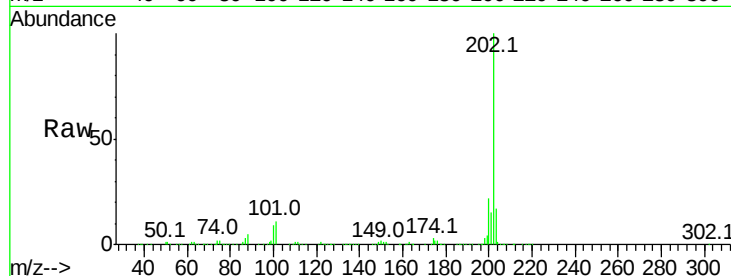
Tot Ion:202 Resp: 787859

Ion Ratio Lower Upper

202 100

101 11.3 0.0 34.1

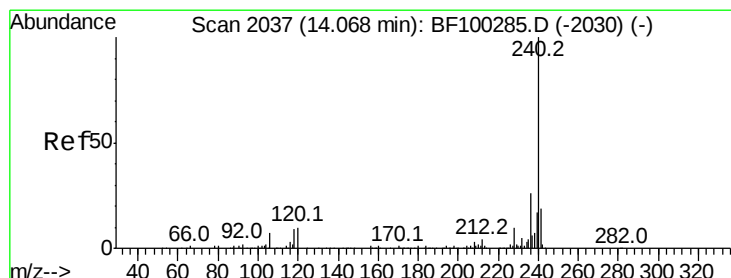
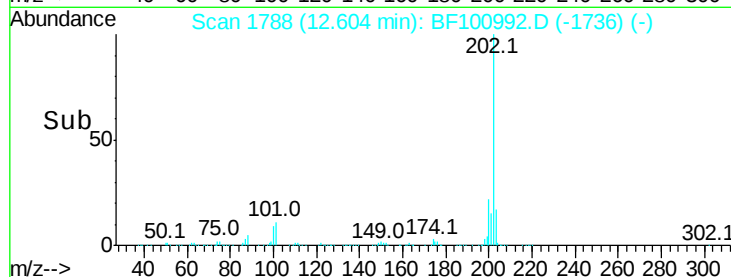
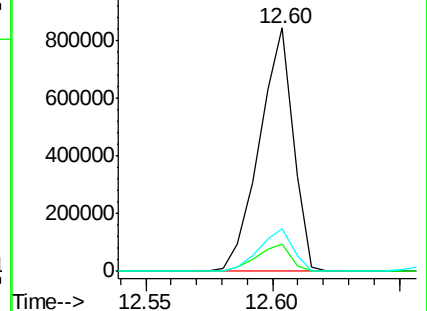
203 17.4 0.0 38.1



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: BF100992.D

Acq: 29 Nov 2017 21:38

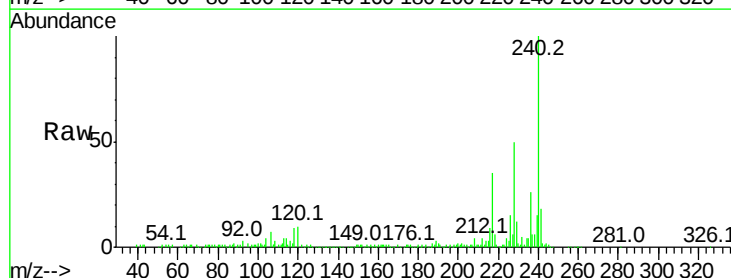
Tgt Ion:240 Resp: 116057

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

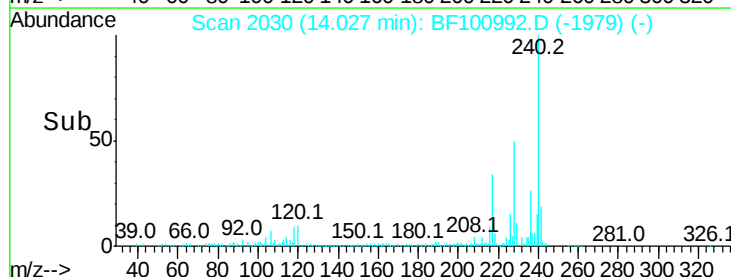
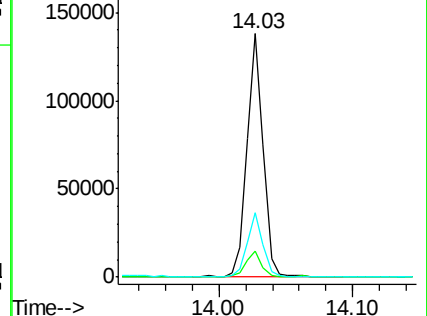
236 26.4 20.7 31.1

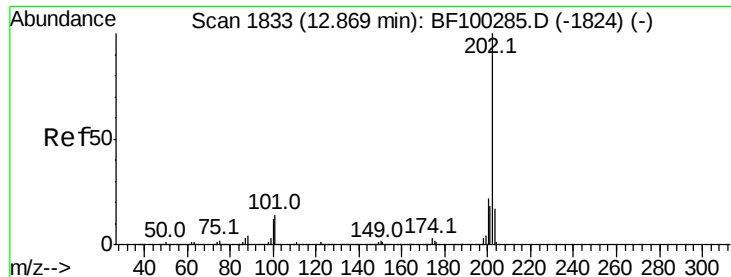


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 84.827 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF100992.D

Acq: 29 Nov 2017 21:38

Instrument :

BNA_F

ClientSampleId :

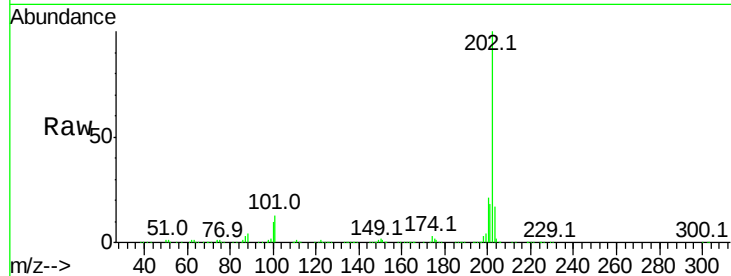
Tot Ion:202 Resp: 701771

Ion Ratio Lower Upper

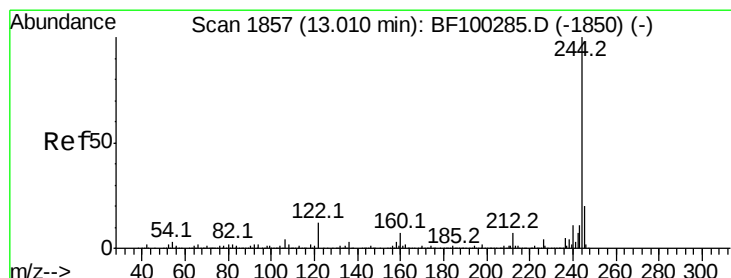
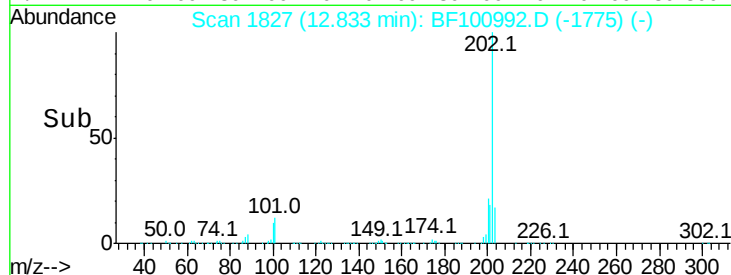
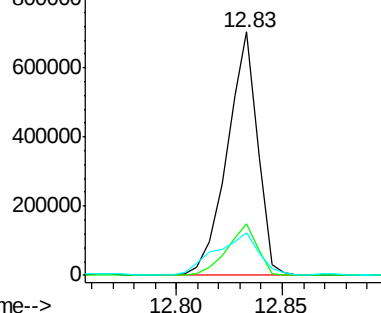
202 100

200 21.1 17.4 26.2

203 17.5 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: 78.401 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF100992.D

Acq: 29 Nov 2017 21:38

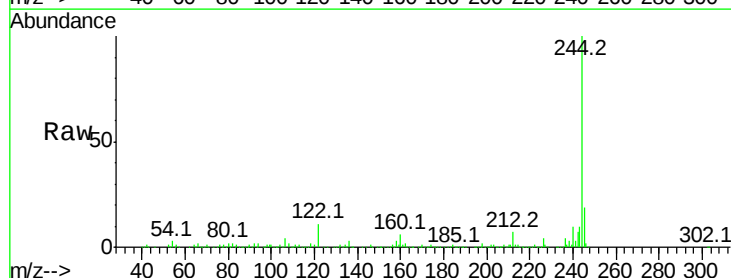
Tgt Ion:244 Resp: 396001

Ion Ratio Lower Upper

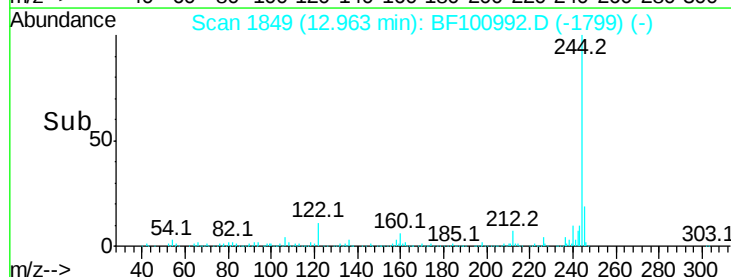
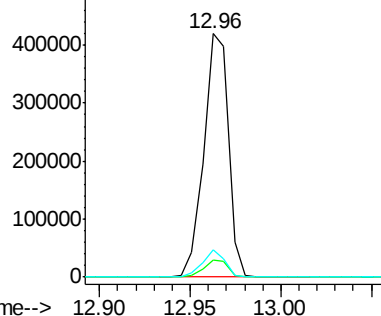
244 100

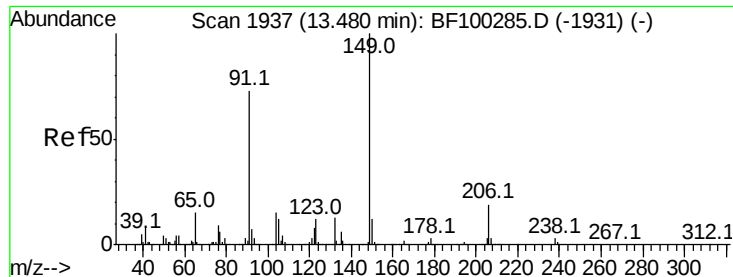
212 6.9 5.4 8.0

122 11.5 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

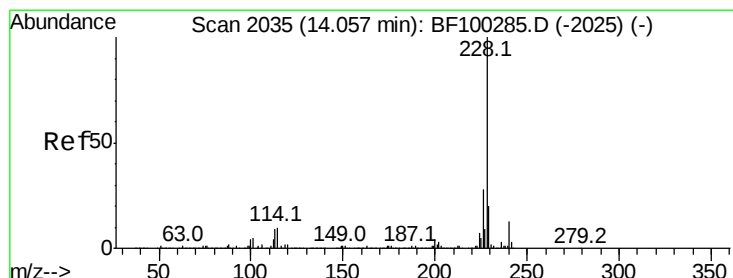
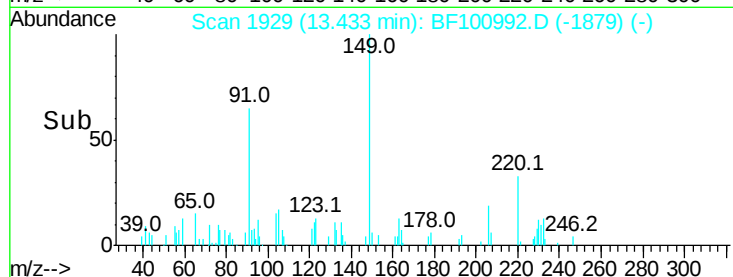
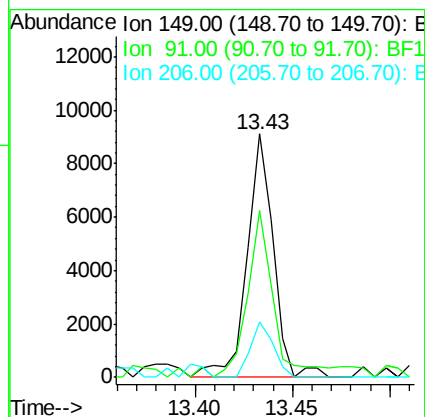
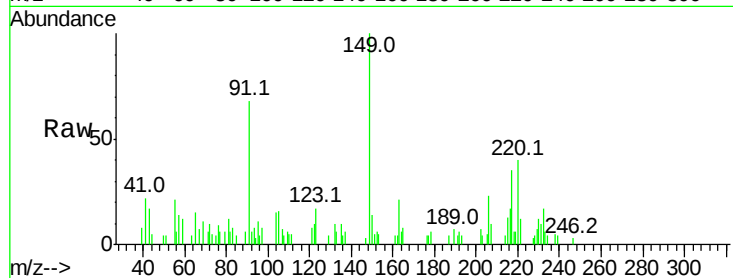




#79
Butylbenzylphthalate
Concen: 2.543 ng
RT: 13.43 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BF100992.D
Acq: 29 Nov 2017 21:38

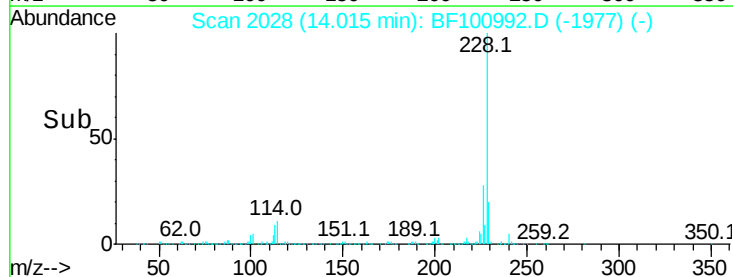
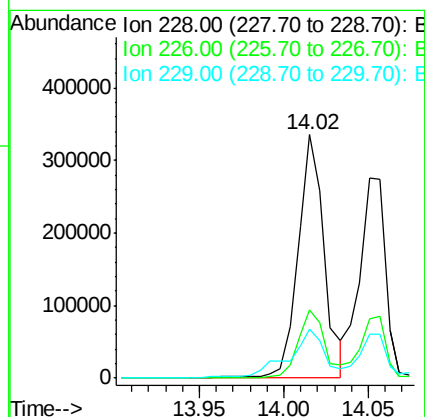
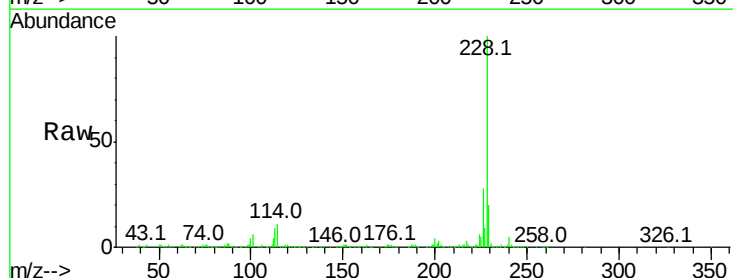
Instrument :
BNA_F
ClientSampleId :

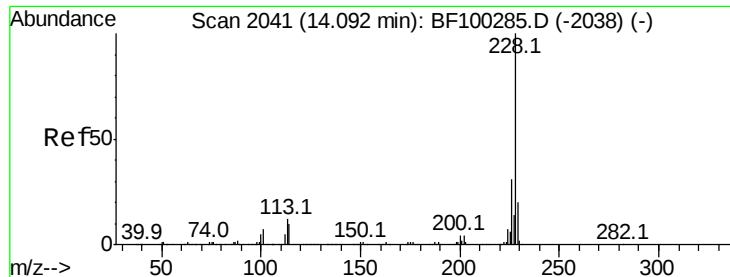
Tot Ion:149 Resp: 8580
Ion Ratio Lower Upper
149 100
91 68.4 56.8 85.2
206 22.6 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 51.471 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF100992.D
Acq: 29 Nov 2017 21:38

Tgt Ion:228 Resp: 359728
Ion Ratio Lower Upper
228 100
226 28.3 22.6 33.8
229 20.3 15.8 23.6





#82

Chrysene

Concen: 43.272 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF100992.D

Acq: 29 Nov 2017 21:38

Instrument :

BNA_F

ClientSampled :

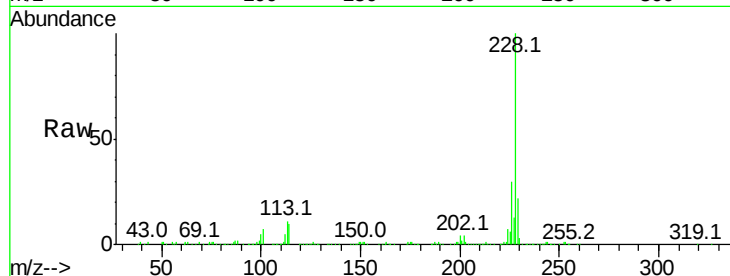
Tot Ion:228 Resp: 292859

Ion Ratio Lower Upper

228 100

226 29.8 25.0 37.6

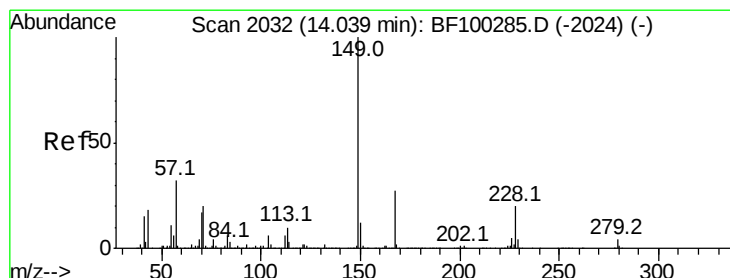
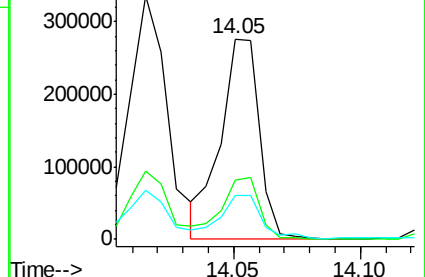
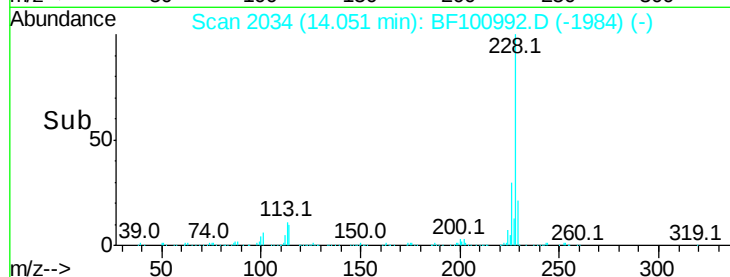
229 21.6 16.2 24.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 7.541 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF100992.D

Acq: 29 Nov 2017 21:38

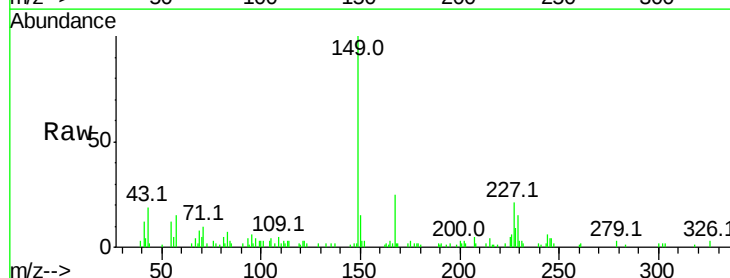
Tgt Ion:149 Resp: 33462

Ion Ratio Lower Upper

149 100

167 24.6 21.3 31.9

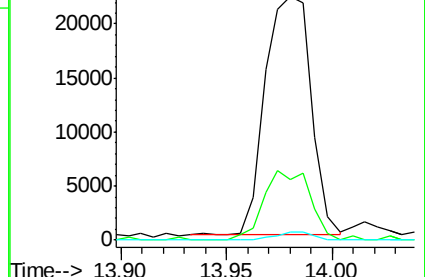
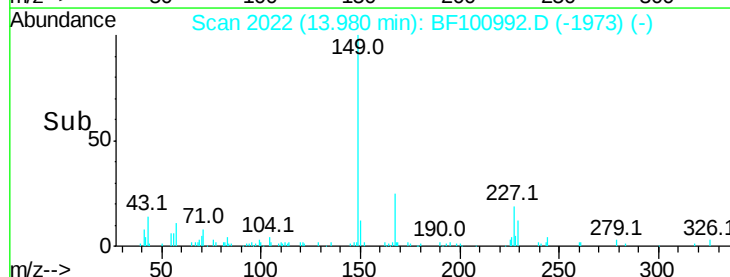
279 3.1 3.0 4.4

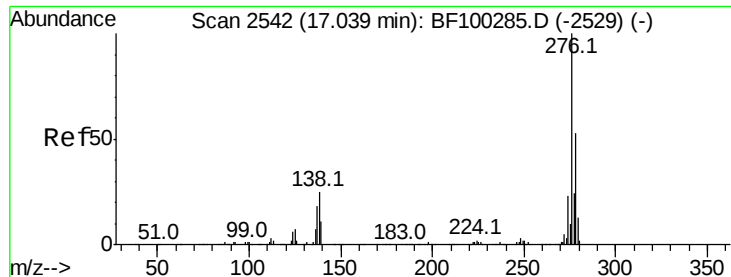


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

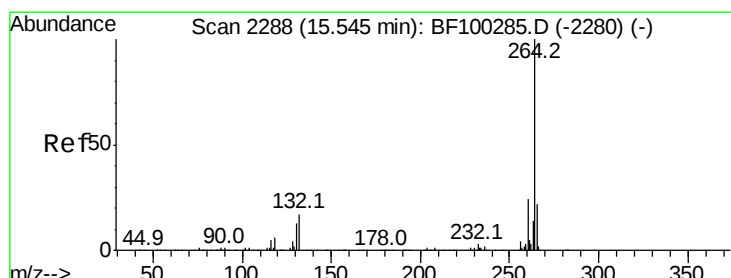
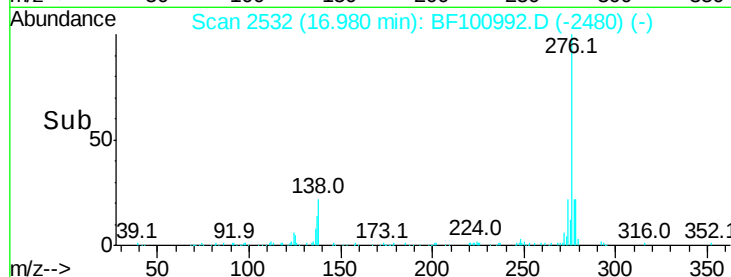
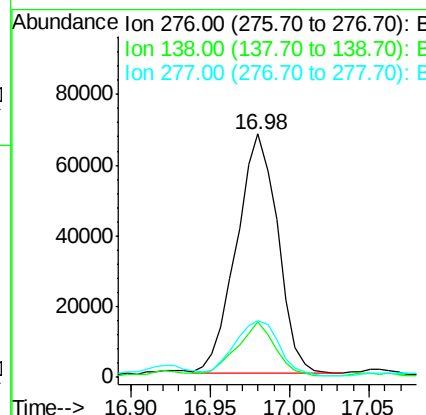
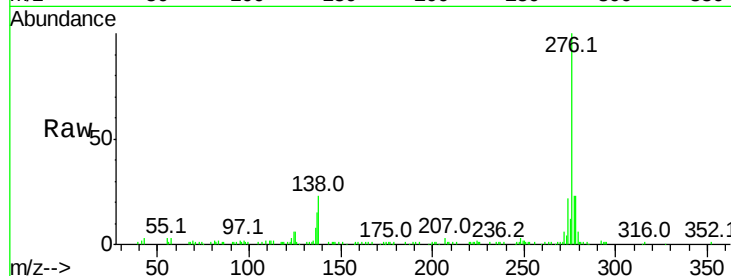




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 22.343 ng
 RT: 16.98 min Scan# 2532
 Delta R.T. 0.01 min
 Lab File: BF100992.D
 Acq: 29 Nov 2017 21:38

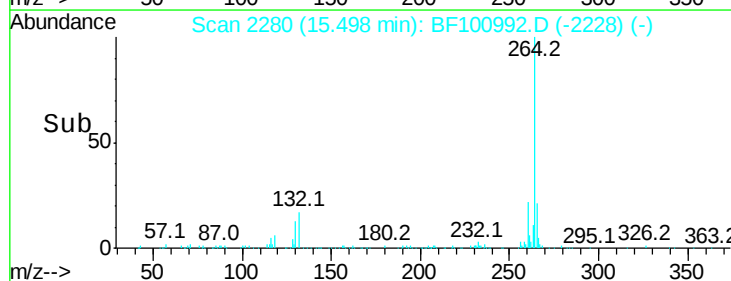
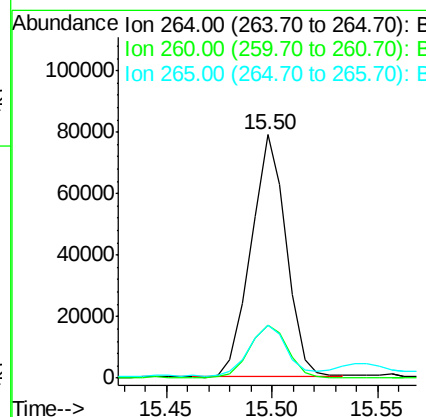
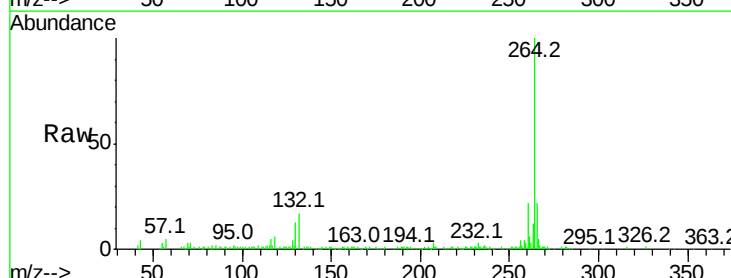
Instrument :
 BNA_F
 ClientSampleId :

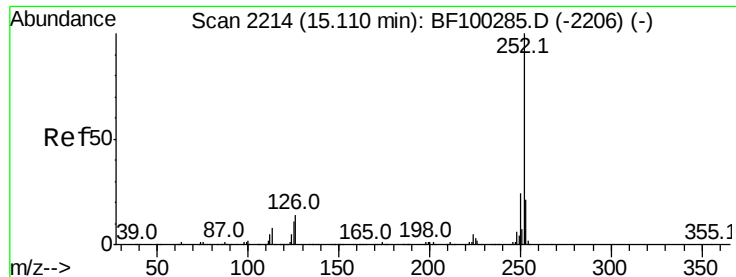
Tot Ion:276 Resp: 122309
 Ion Ratio Lower Upper
 276 100
 138 21.1 25.0 37.6#
 277 25.0 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.01 min
 Lab File: BF100992.D
 Acq: 29 Nov 2017 21:38

Tgt Ion:264 Resp: 91138
 Ion Ratio Lower Upper
 264 100
 260 21.7 19.2 28.8
 265 21.8 17.5 26.3

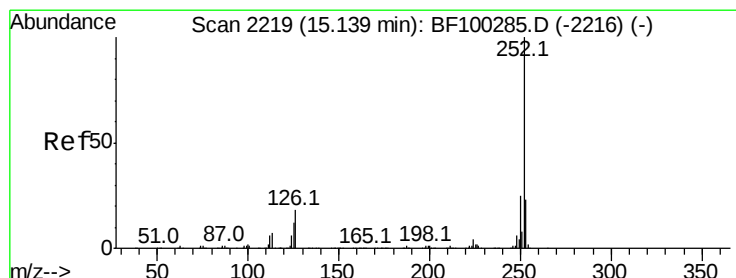
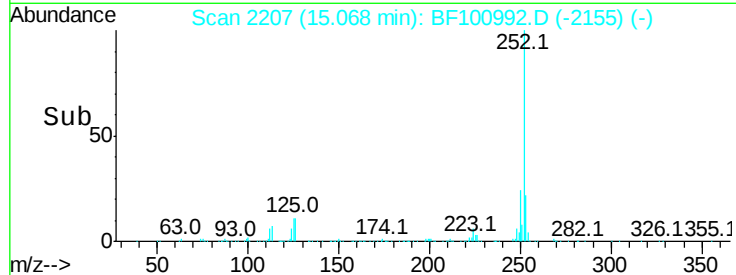
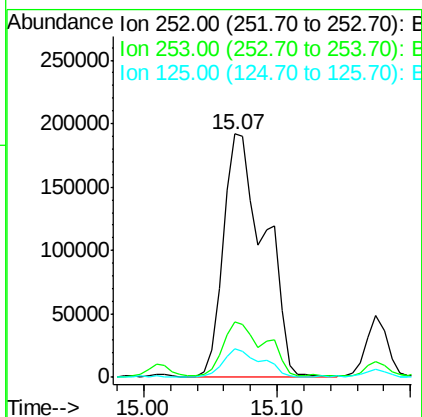
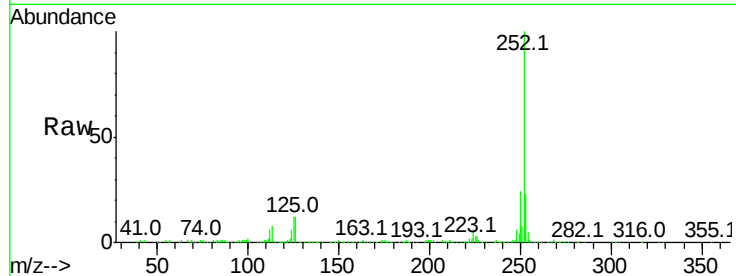




#87
Benzo(b)fluoranthene
Concen: 76.213 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF100992.D
Acq: 29 Nov 2017 21:38

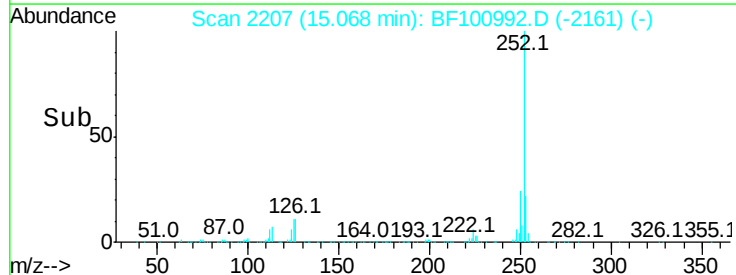
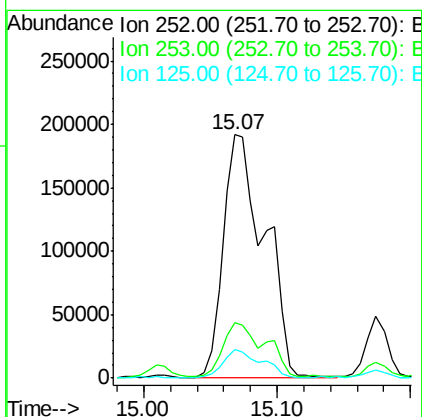
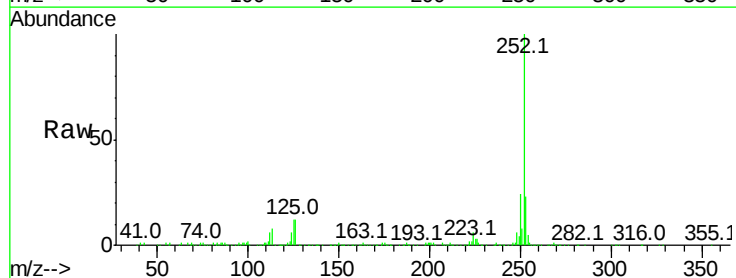
Instrument :
BNA_F
ClientSampleId :

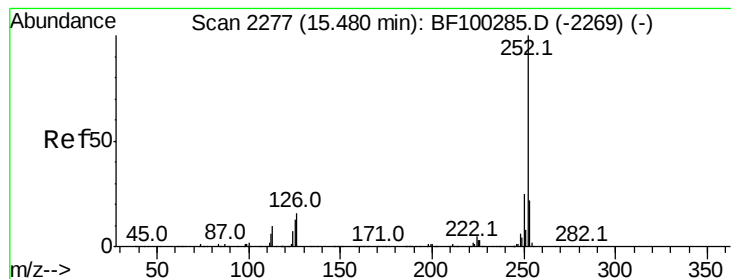
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	11.5	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 80.661 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BF100992.D
Acq: 29 Nov 2017 21:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	11.5	10.2	15.2





#89

Benzo(a)pyrene

Concen: 45.338 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF100992.D

Acq: 29 Nov 2017 21:38

Instrument :

BNA_F

ClientSampleId :

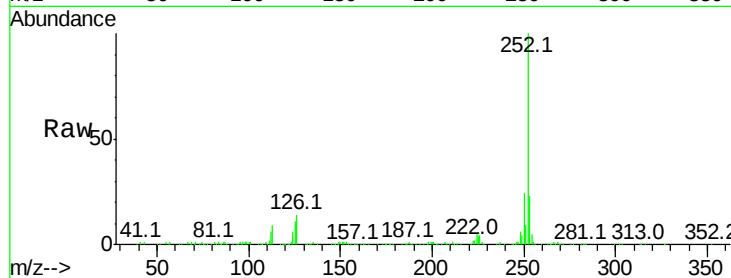
Tot Ion:252 Resp: 217023

Ion Ratio Lower Upper

252 100

253 23.3 17.1 25.7

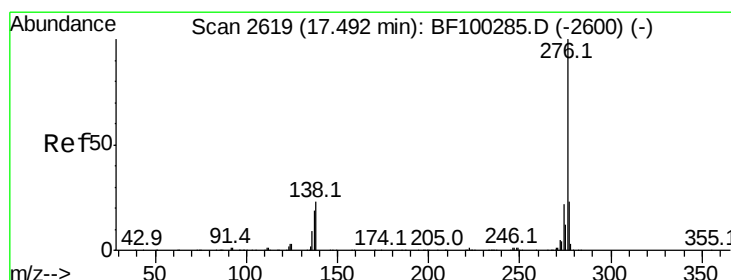
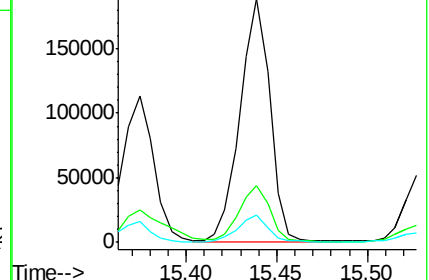
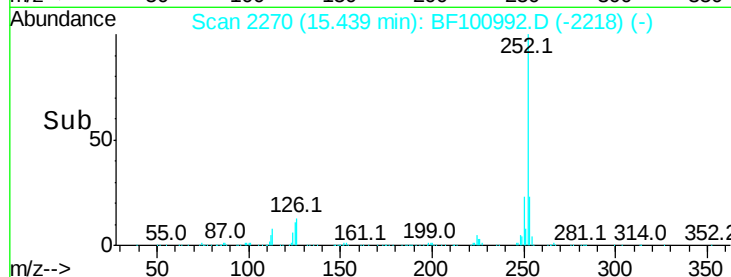
125 11.3 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 30.210 ng

RT: 17.43 min Scan# 2609

Delta R.T. 0.01 min

Lab File: BF100992.D

Acq: 29 Nov 2017 21:38

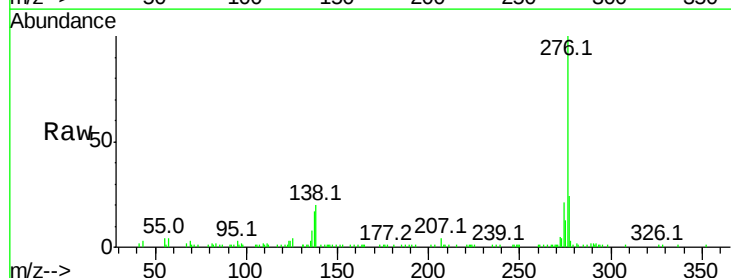
Tgt Ion:276 Resp: 115765

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 19.8 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

