

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
 Data File : BF100988.D
 Acq On : 29 Nov 2017 19:51
 Operator : SJ/JU
 Sample : I6304-30 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 23:43:19 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	76121	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	279103	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	111347	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	172956	20.00	ng	0.00
75) Chrysene-d12	14.04	240	128753	20.00	ng	0.01
86) Perylene-d12	15.51	264	108697	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	74308	15.65	ng	-0.01
7) Phenol-d6	6.47	99	90632	15.48	ng	-0.02
23) Nitrobenzene-d5	7.41	82	50466	11.95	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	16680	14.70	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	111182	15.20	ng	-0.01
78) Terphenyl-d14	12.96	244	80175	14.31	ng	0.00

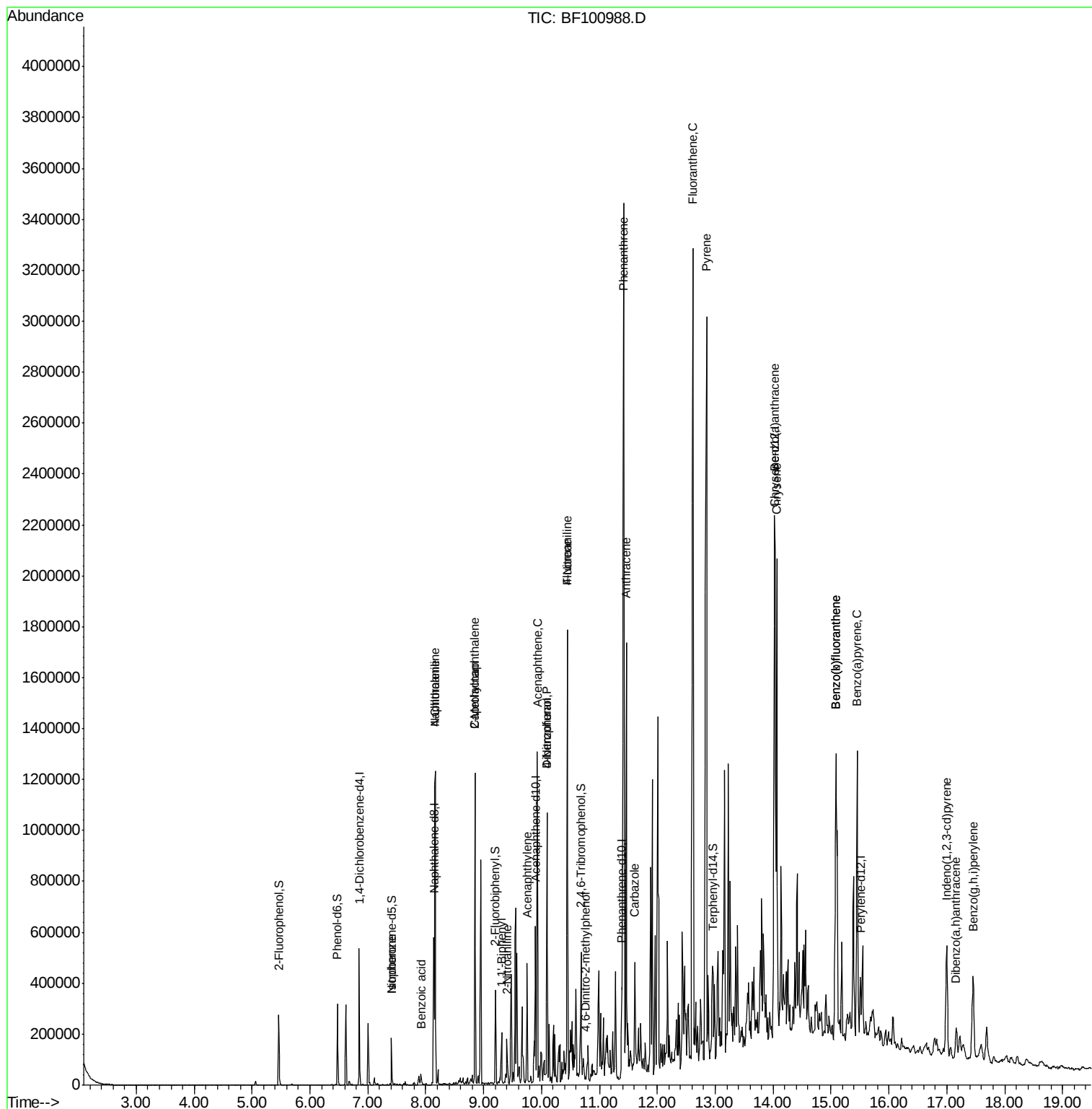
Target Compounds				Qvalue		
25) Isophorone	7.41	82	50465	5.689	ng	# 64
31) Naphthalene	8.16	128	557807	41.494	ng	99
32) Benzoic acid	7.92	122	1138	9.671	ng	# 30
33) 4-Chloroaniline	8.16	127	73859	13.199	ng	# 33
35) Caprolactam	8.85	113	6447	4.948	ng	# 1
37) 2-Methylnaphthalene	8.85	142	301629	33.796	ng	99
45) 1,1'-Biphenyl	9.31	154	54909	5.702	ng	94
47) 2-Nitroaniline	9.40	65	769	3.135	ng	# 2
48) Acenaphthylene	9.75	152	130228	11.248	ng	96
51) Acenaphthene	9.93	154	252175	35.812	ng	99
54) Dibenzofuran	10.10	168	365511	37.035	ng	98
55) 4-Nitrophenol	10.10	139	135291	83.847	ng	# 10
57) Fluorene	10.45	166	483852	66.923	ng	100
61) 4-Nitroaniline	10.45	138	5275	2.800	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.76	198	247	8.802	ng	# 62
70) Phenanthrene	11.42	178	1924717	211.359	ng	99
71) Anthracene	11.47	178	687612	74.426	ng	99
72) Carbazole	11.61	167	164878	19.341	ng	99
74) Fluoranthene	12.62	202	2014747	208.760	ng	98
77) Pvrene	12.85	202	1789633	194.991	ng	97
80) Benzo(a)anthracene	14.03	228	1027740	132.553	ng	97
82) Chrysene	14.07	228	758867	101.072	ng	96
85) Indeno(1,2,3-cd)pyrene	17.00	276	304641	50.163	ng	# 87
87) Benzo(b)fluoranthene	15.09	252	1045876	162.410	ng	98
88) Benzo(k)fluoranthene	15.09	252	1045876	171.889	ng	98
89) Benzo(a)pyrene	15.46	252	578753	101.375	ng	96
90) Dibenzo(a,h)anthracene	17.16	278	77436	16.585	ng	93
91) Benzo(g,h,i)perylene	17.45	276	276191	60.431	ng	# 92

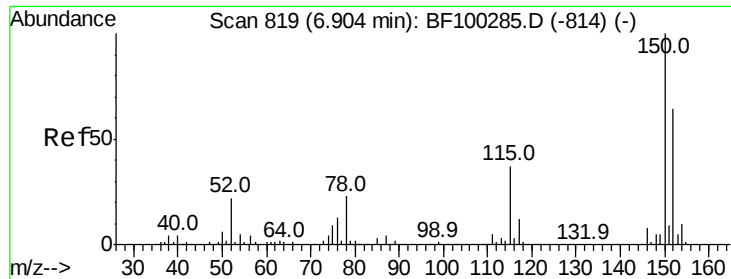
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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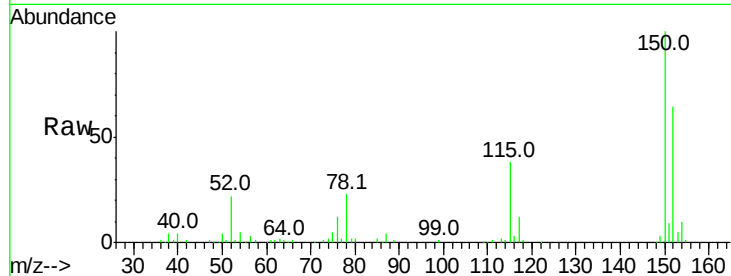


#1

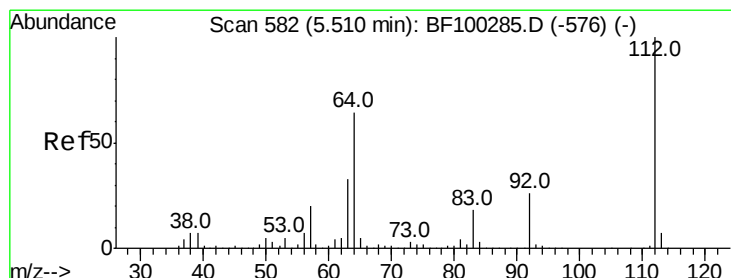
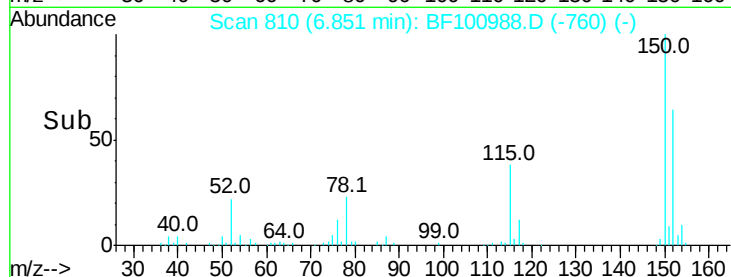
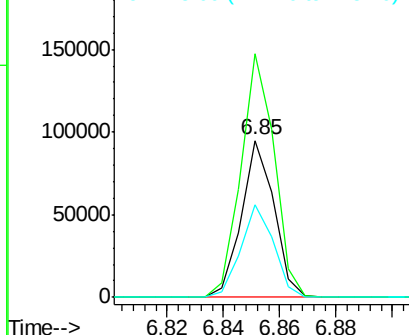
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF100988.D
Acq: 29 Nov 2017 19:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 76121
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 58.7 50.1 75.1



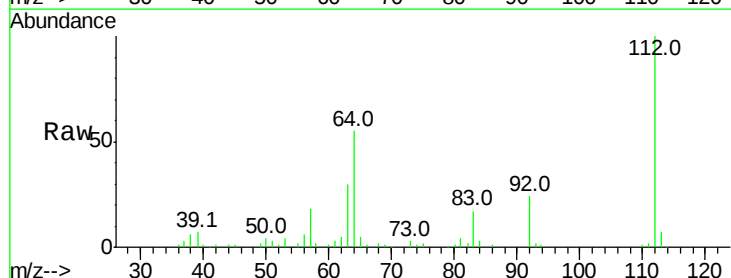
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



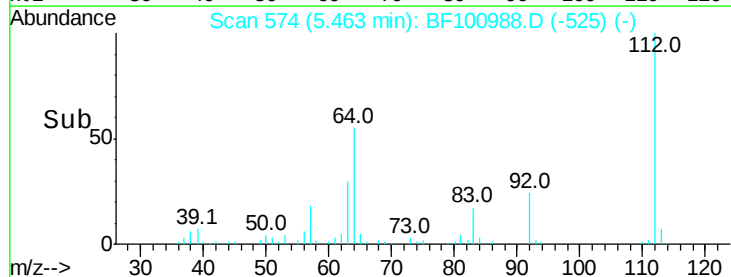
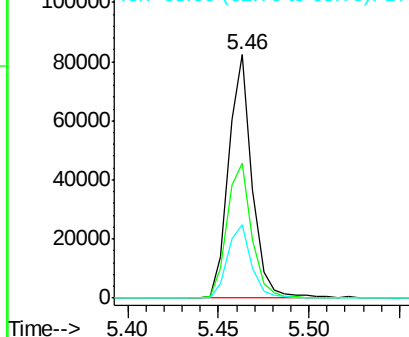
#5

2-Fluorophenol
Concen: 15.648 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF100988.D
Acq: 29 Nov 2017 19:51

Tgt Ion:112 Resp: 74308
Ion Ratio Lower Upper
112 100
64 55.1 47.9 71.9
63 30.2 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: 15.477 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF100988.D

Acq: 29 Nov 2017 19:51

Instrument :

BNA_F

ClientSampleId :

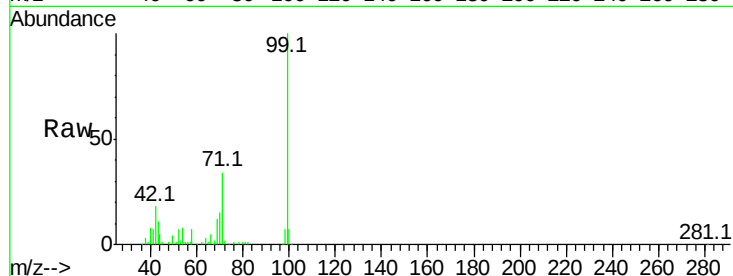
Tot Ion: 99 Resp: 90632

Ion Ratio Lower Upper

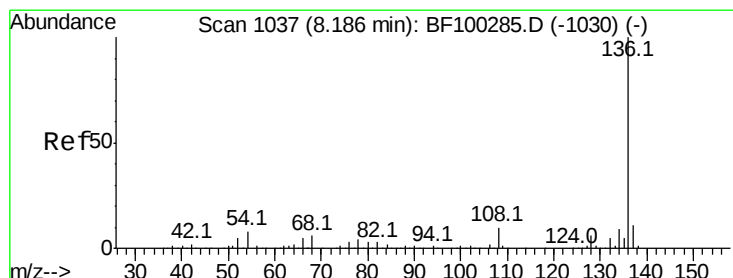
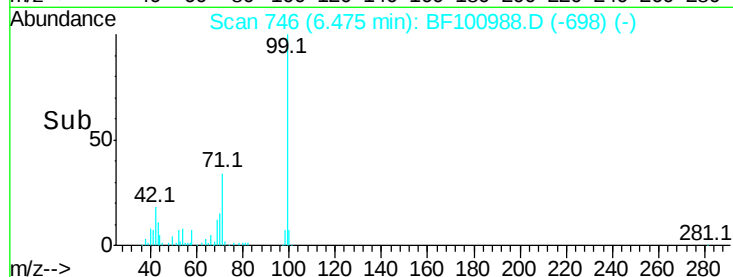
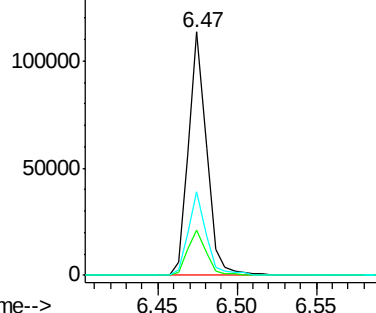
99 100

42 18.4 14.5 21.7

71 34.2 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF100988.D

Acq: 29 Nov 2017 19:51

Tgt Ion: 136 Resp: 279103

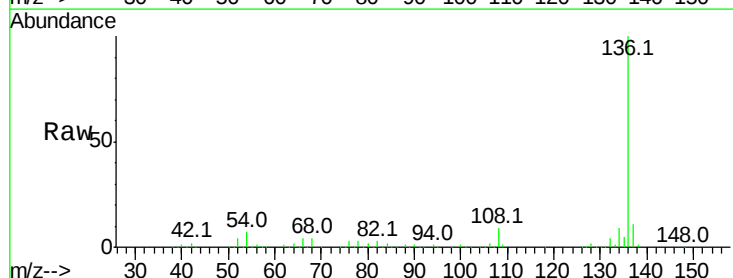
Ion Ratio Lower Upper

136 100

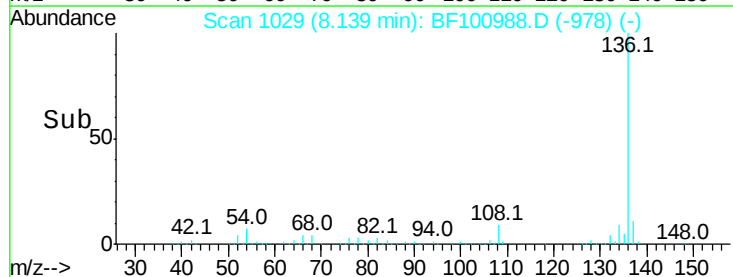
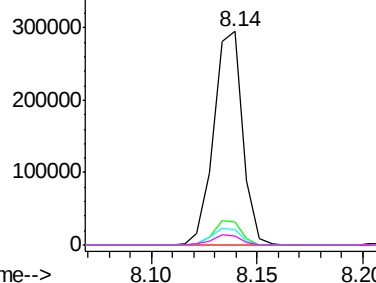
137 10.7 8.9 13.3

54 7.2 6.6 9.8

68 4.4 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

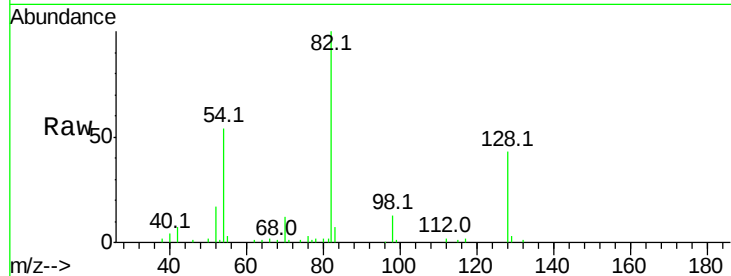




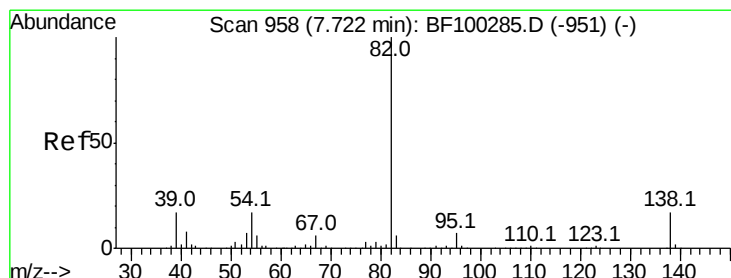
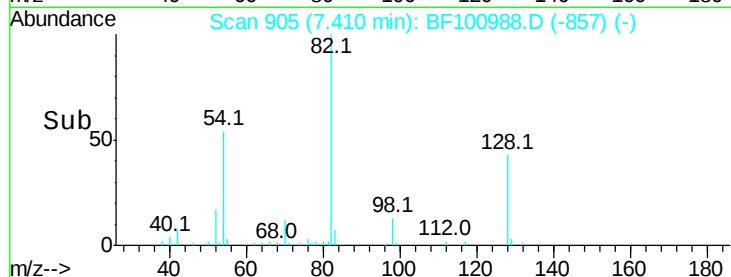
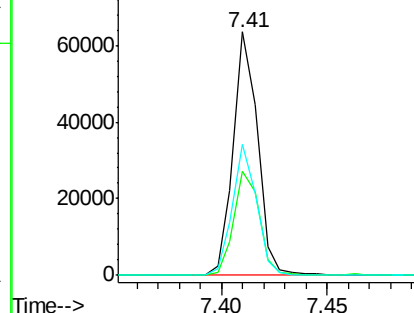
#23
Nitrobenzene-d5
Concen: 11.954 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF100988.D
Acq: 29 Nov 2017 19:51

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	50466
Ion Ratio	Lower	Upper	
82	100		
128	42.7	36.1	54.1
54	53.8	41.4	62.2

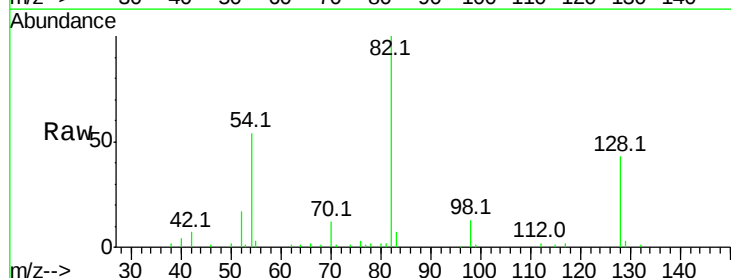


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

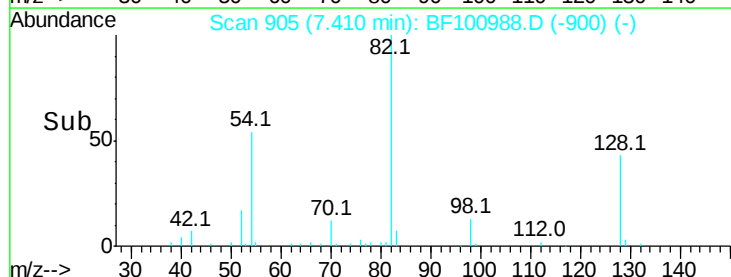
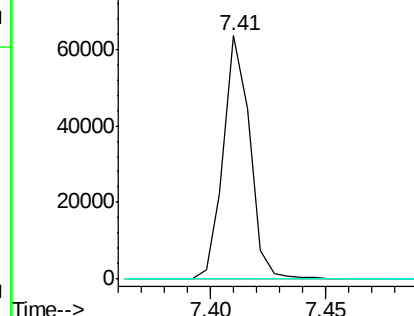


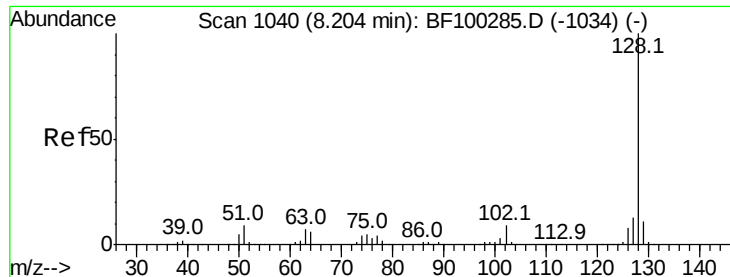
#25
Isophorone
Concen: 5.689 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.27 min
Lab File: BF100988.D
Acq: 29 Nov 2017 19:51

Tgt Ion	82	Resp	50465
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

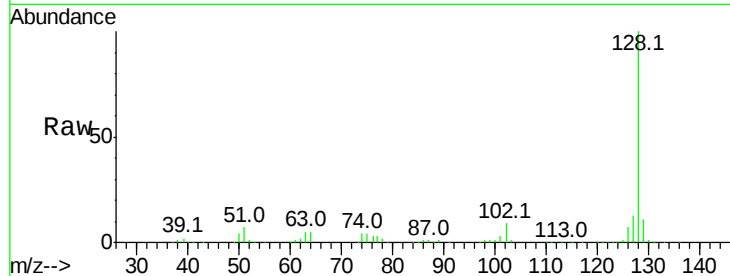




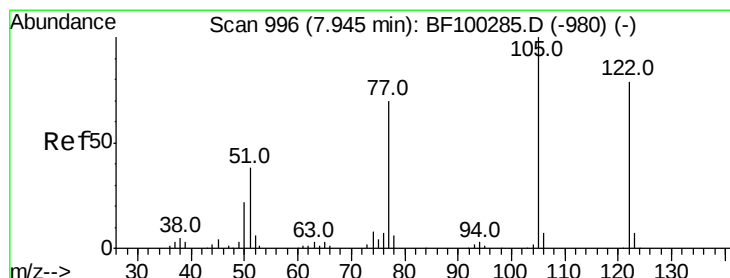
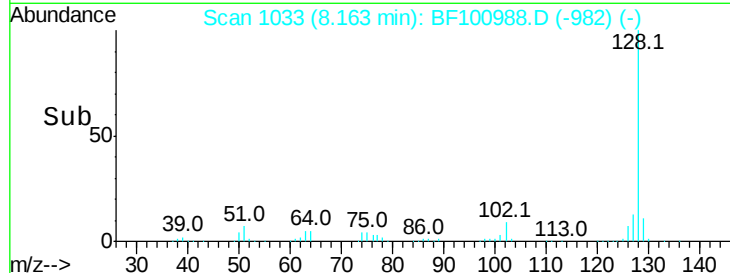
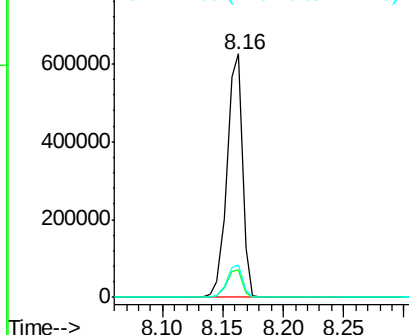
#31
Naphthalene
Concen: 41.494 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF100988.D
Acq: 29 Nov 2017 19:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 557807
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.2 10.9 16.3

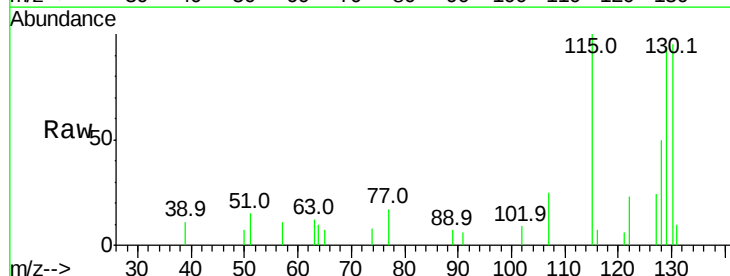


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

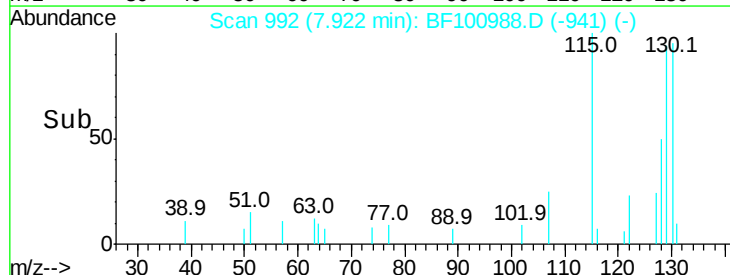
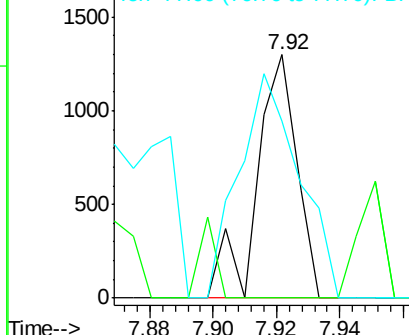


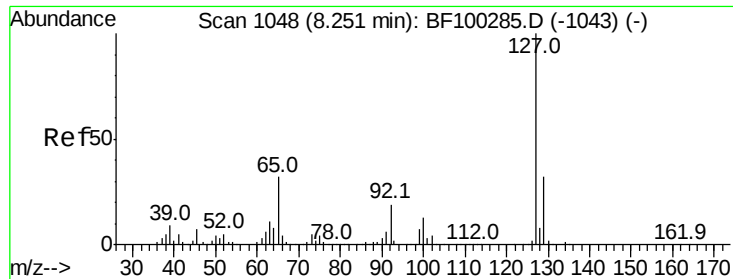
#32
Benzoic acid
Concen: 9.671 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF100988.D
Acq: 29 Nov 2017 19:51

Tgt Ion:122 Resp: 1138
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 72.6 70.7 110.7



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

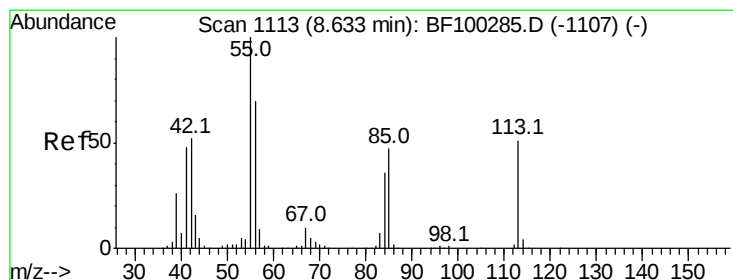
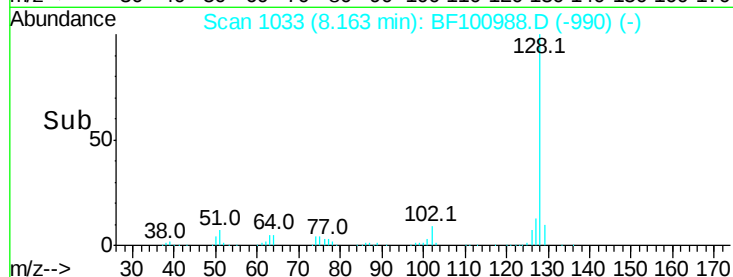
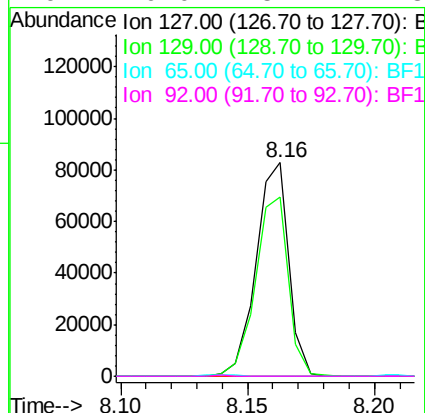
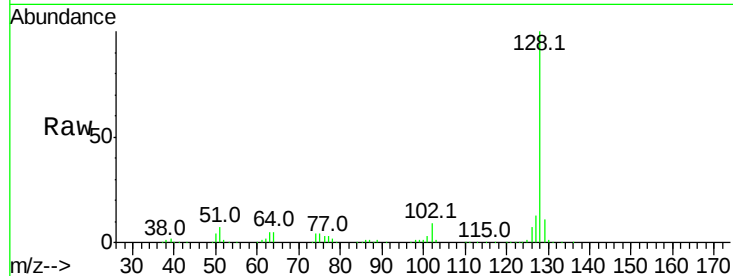




#33
4-Chloroaniline
Concen: 13.199 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.05 min
Lab File: BF100988.D
Acq: 29 Nov 2017 19:51

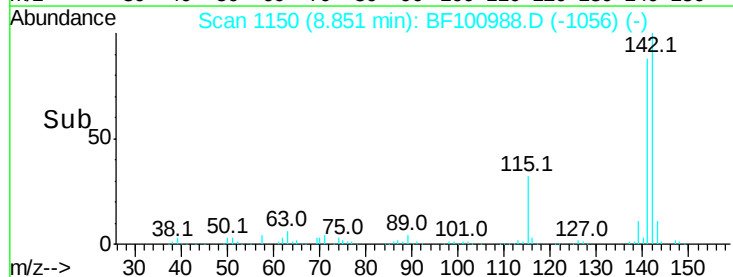
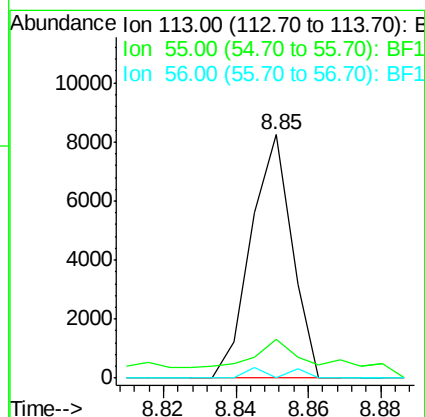
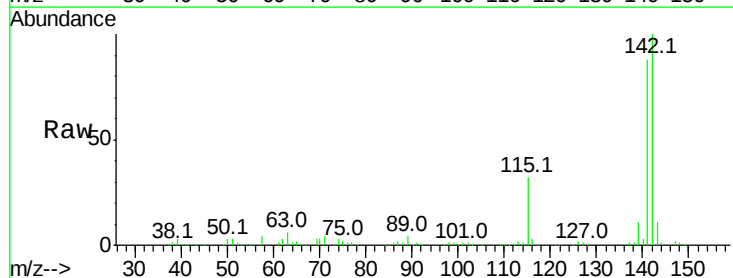
Instrument :
BNA_F
ClientSampleId :

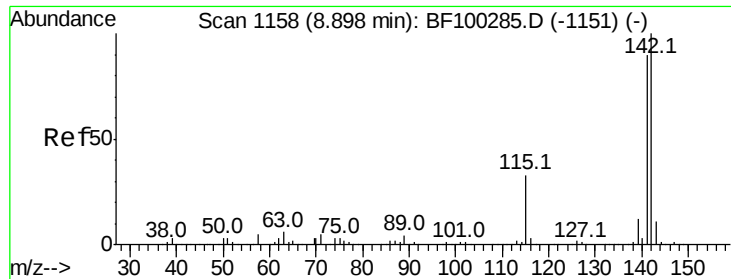
Tot Ion:	127	Resp:	73859
Ion	Ratio	Lower	Upper
127	100		
129	83.9	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



#35
Caprolactam
Concen: 4.948 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.25 min
Lab File: BF100988.D
Acq: 29 Nov 2017 19:51

Tgt Ion:	113	Resp:	6447
Ion	Ratio	Lower	Upper
113	100		
55	15.7	163.3	203.3#
56	0.0	115.7	155.7#

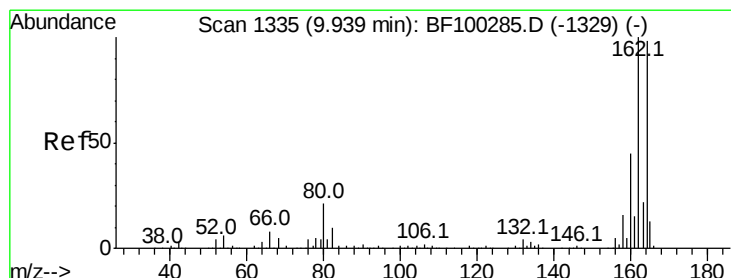
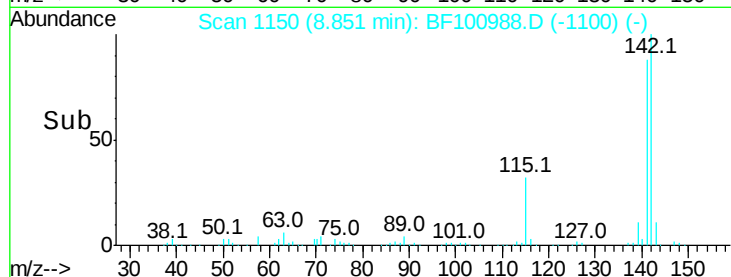
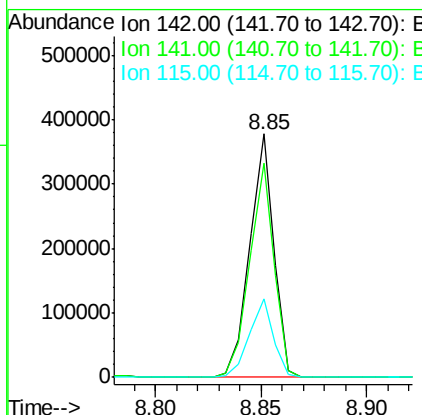
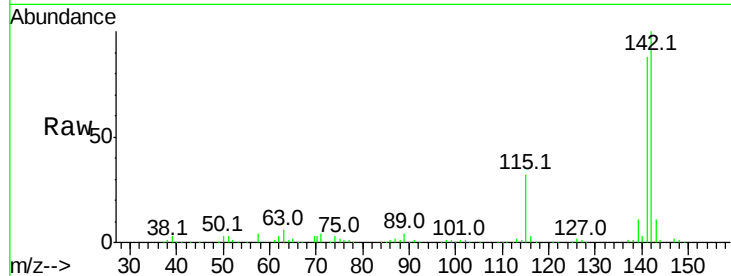




#37
 2-Methylnaphthalene
 Concen: 33.796 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF100988.D
 Acq: 29 Nov 2017 19:51

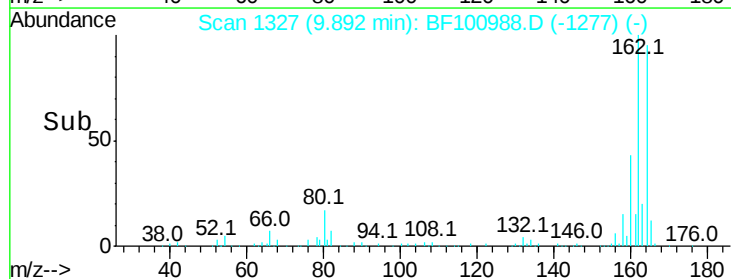
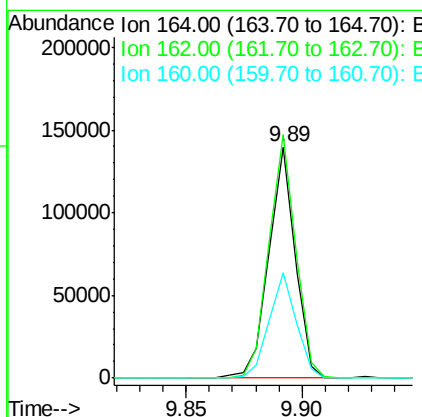
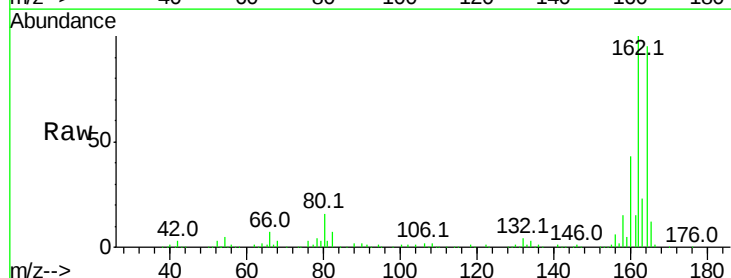
Instrument :
 BNA_F
 ClientSampleId :

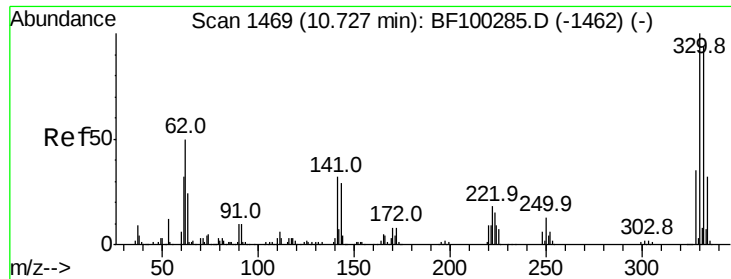
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.8	106.2
115	32.3	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF100988.D
 Acq: 29 Nov 2017 19:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	45.3	38.3	57.5

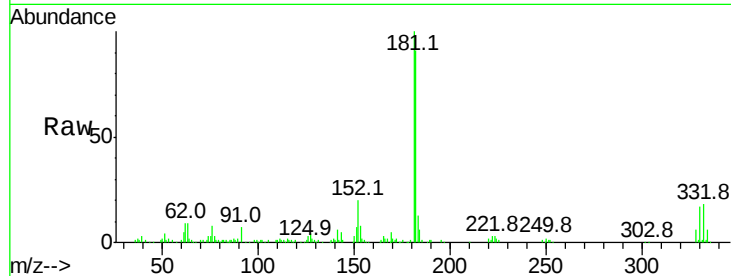




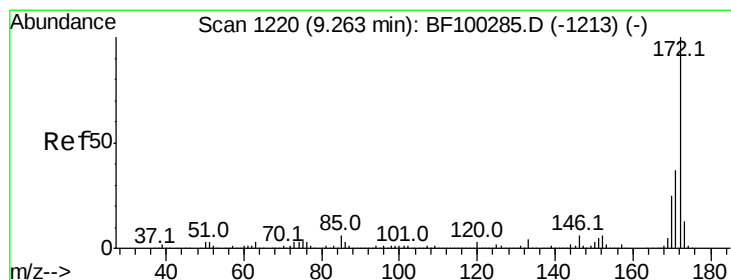
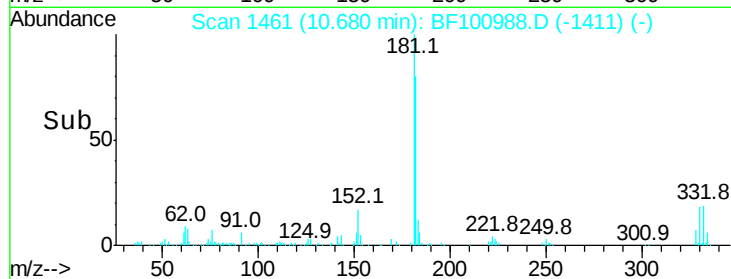
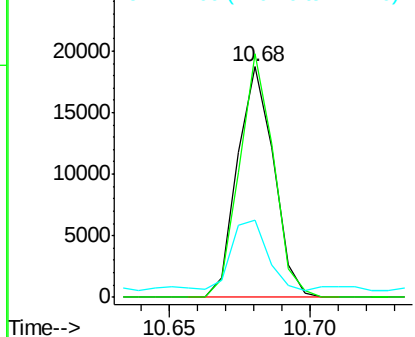
#41
 2,4,6-Tribromophenol
 Concen: 14.701 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF100988.D
 Acq: 29 Nov 2017 19:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.0	115.6
141	36.5	29.9	44.9

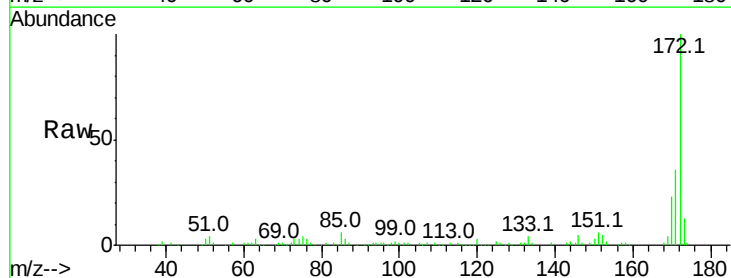


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

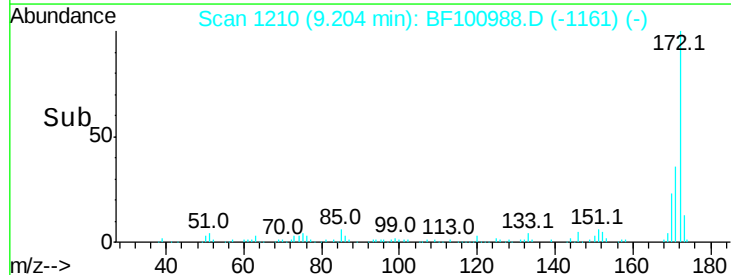
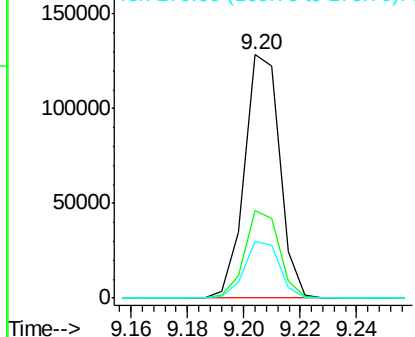


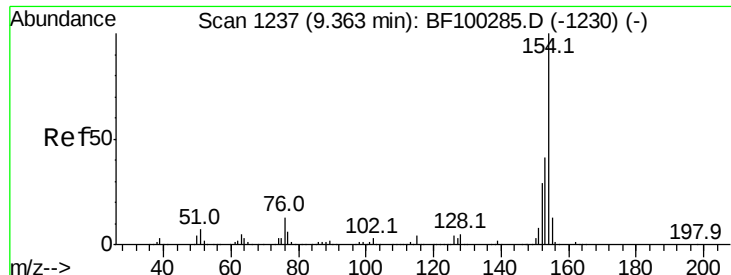
#44
 2-Fluorobiphenyl
 Concen: 15.205 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF100988.D
 Acq: 29 Nov 2017 19:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.4	19.6	29.4



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

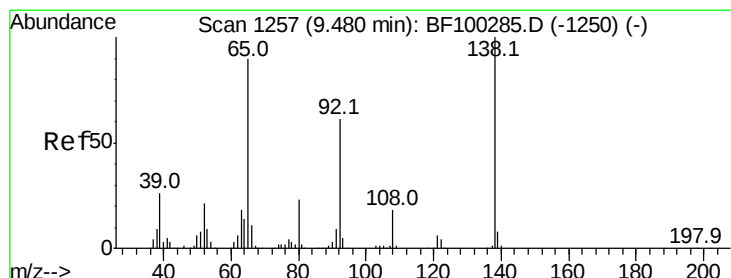
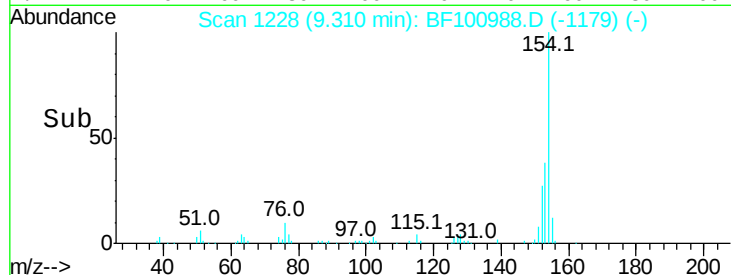
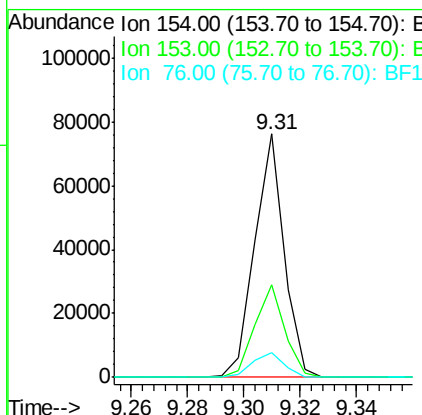
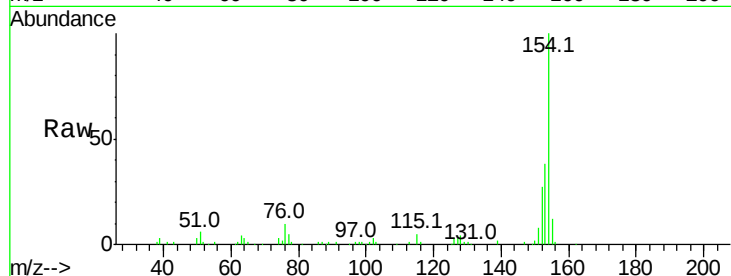




#45
 1,1'-Biphenyl
 Concen: 5.702 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF100988.D
 Acq: 29 Nov 2017 19:51

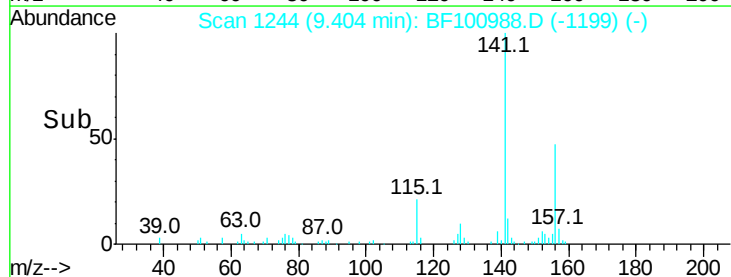
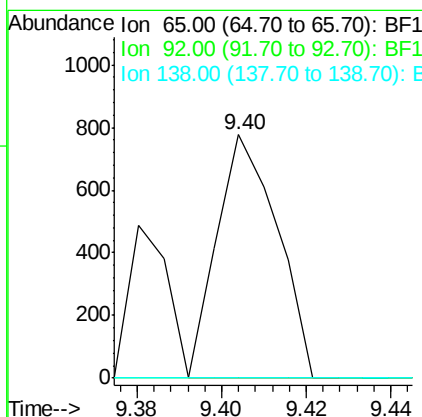
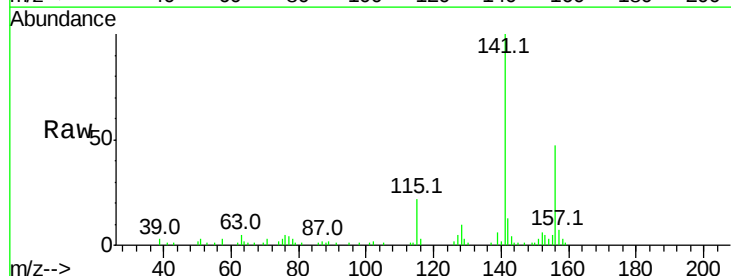
Instrument :
 BNA_F
 ClientSampled :

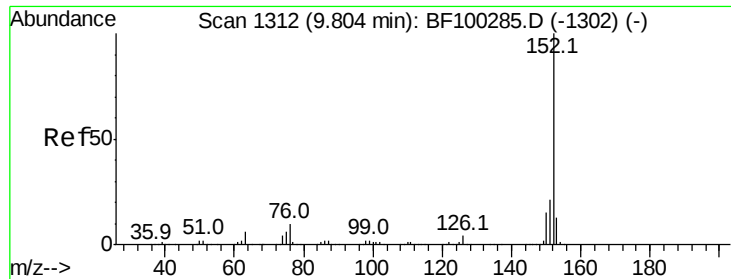
Tot Ion	Ratio	Lower	Upper
154	100		
153	38.0	21.3	61.3
76	10.0	0.0	34.0



#47
 2-Nitroaniline
 Concen: 3.135 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.04 min
 Lab File: BF100988.D
 Acq: 29 Nov 2017 19:51

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





#48

Acenaphthylene

Concen: 11.248 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF100988.D

Acq: 29 Nov 2017 19:51

Instrument :

BNA_F

ClientSampleId :

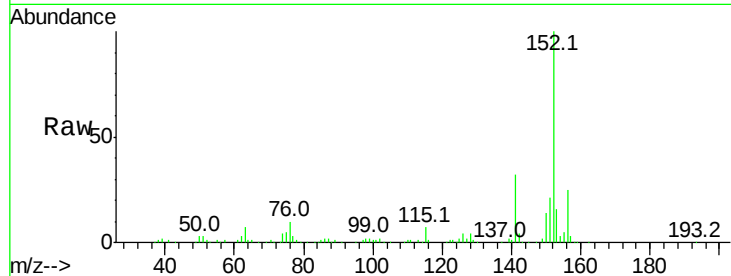
Tot Ion:152 Resp: 130228

Ion Ratio Lower Upper

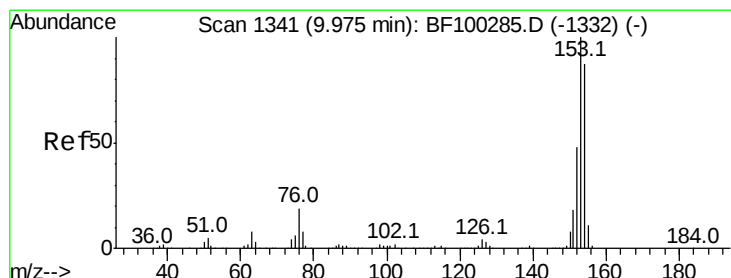
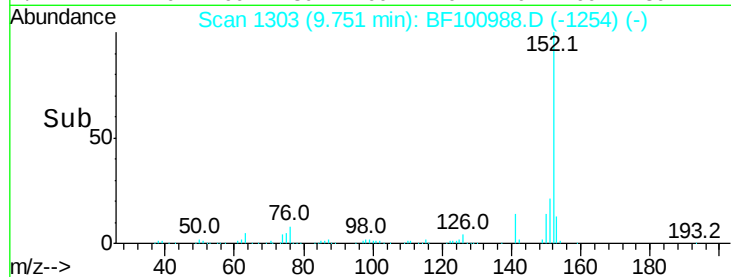
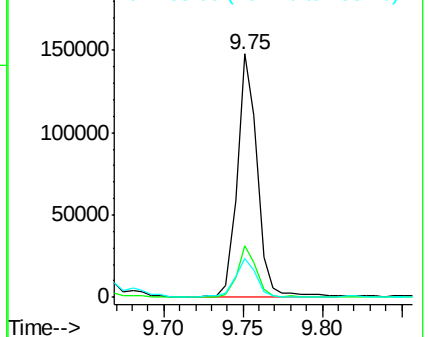
152 100

151 21.4 16.3 24.5

153 15.9 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



#51

Acenaphthene

Concen: 35.812 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF100988.D

Acq: 29 Nov 2017 19:51

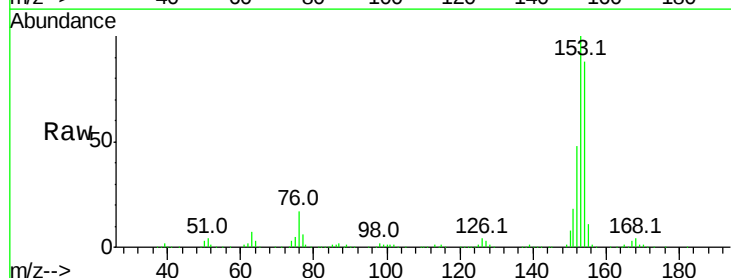
Tgt Ion:154 Resp: 252175

Ion Ratio Lower Upper

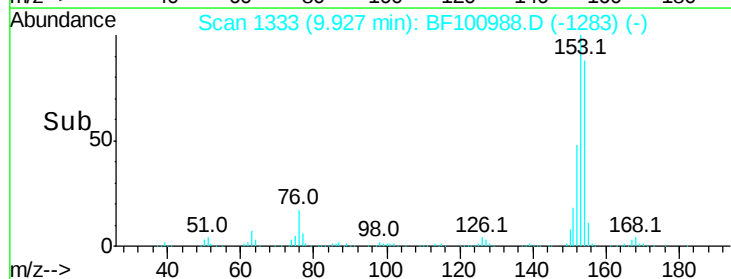
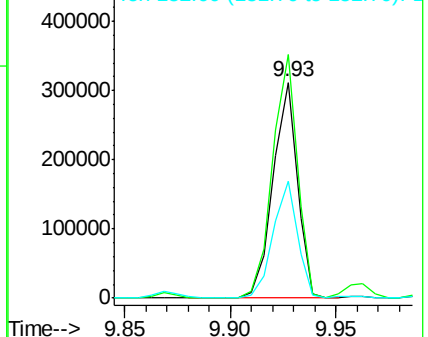
154 100

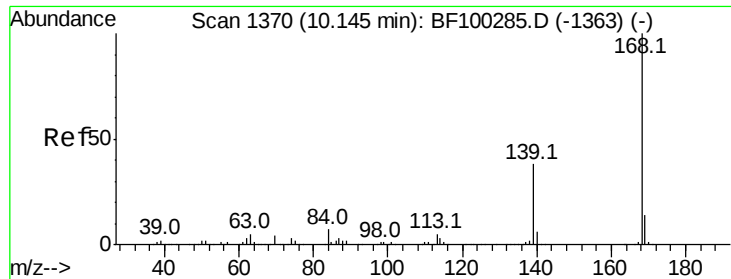
153 113.0 91.2 136.8

152 54.4 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: 37.035 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF100988.D

Acq: 29 Nov 2017 19:51

Instrument :

BNA_F

ClientSampled :

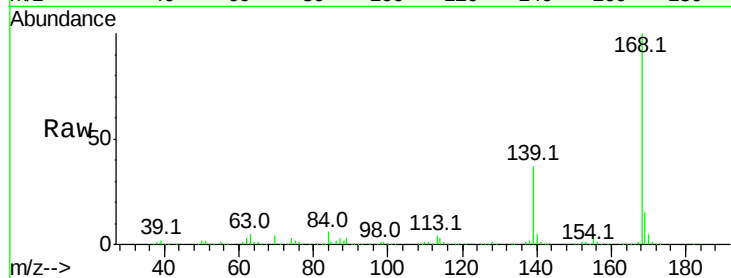
Tot Ion:168 Resp: 365511

Ion Ratio Lower Upper

168 100

139 37.1 30.1 45.1

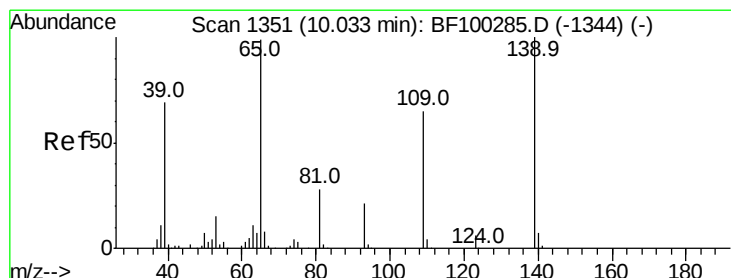
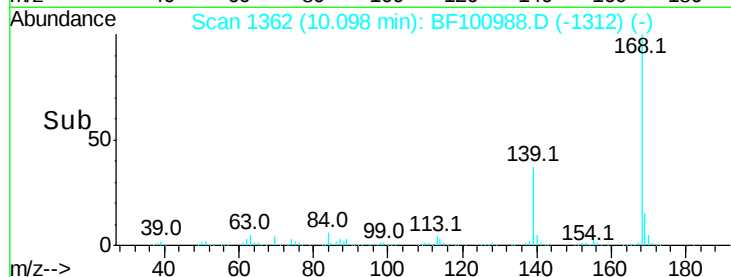
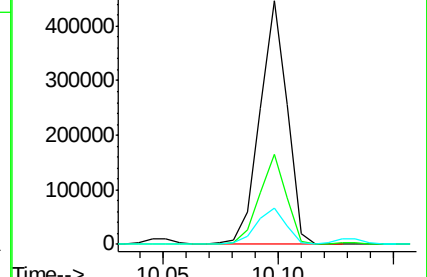
169 15.0 10.9 16.3



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: 83.847 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.09 min

Lab File: BF100988.D

Acq: 29 Nov 2017 19:51

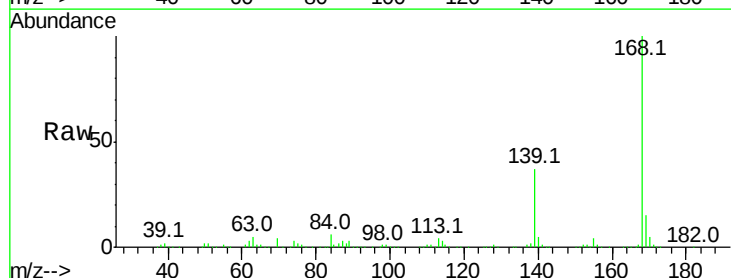
Tgt Ion:139 Resp: 135291

Ion Ratio Lower Upper

139 100

109 1.1 48.4 88.4#

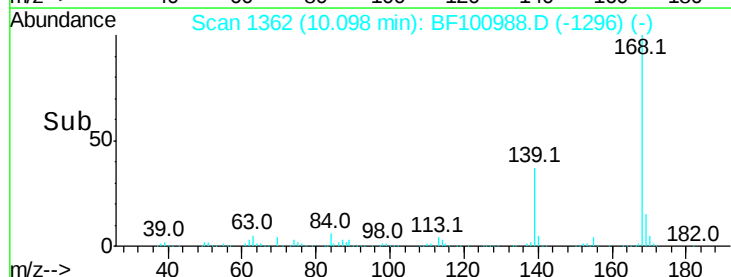
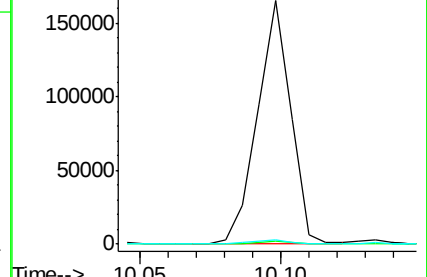
65 1.6 72.6 112.6#

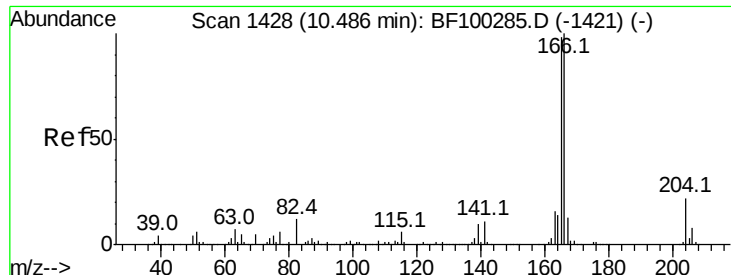


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

Fluorene

Concen: 66.923 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.00 min

Lab File: BF100988.D

Acq: 29 Nov 2017 19:51

Instrument :

BNA_F

ClientSampleId :

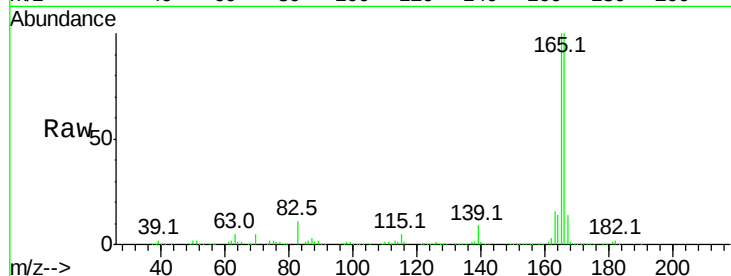
Tot Ion:166 Resp: 483852

Ion Ratio Lower Upper

166 100

165 99.9 79.8 119.8

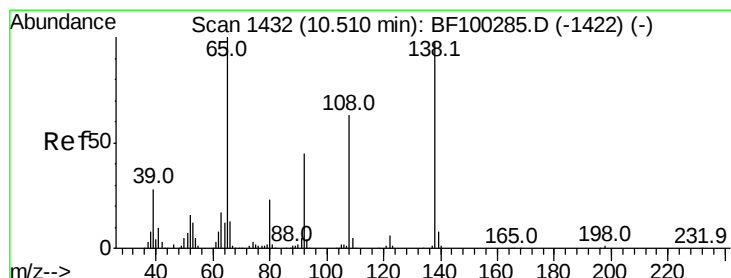
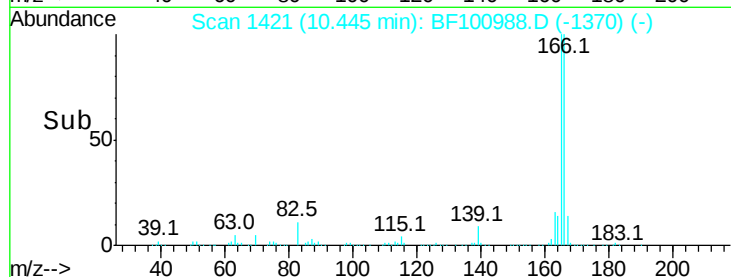
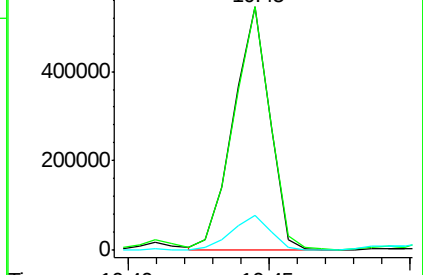
167 14.5 10.6 16.0



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



#61

4-Nitroaniline

Concen: 2.800 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.02 min

Lab File: BF100988.D

Acq: 29 Nov 2017 19:51

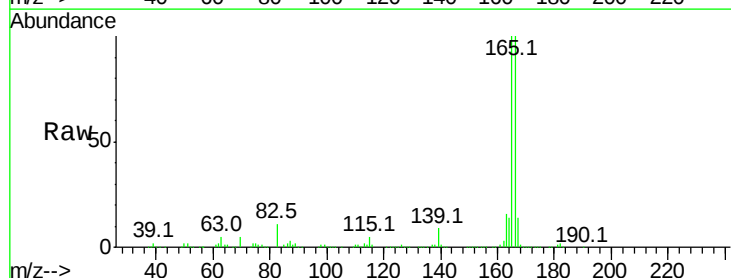
Tgt Ion:138 Resp: 5275

Ion Ratio Lower Upper

138 100

92 0.0 30.2 70.2#

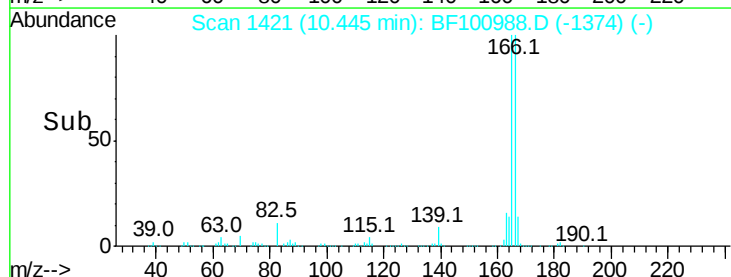
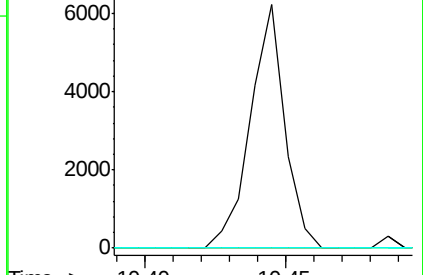
108 0.0 52.5 92.5#

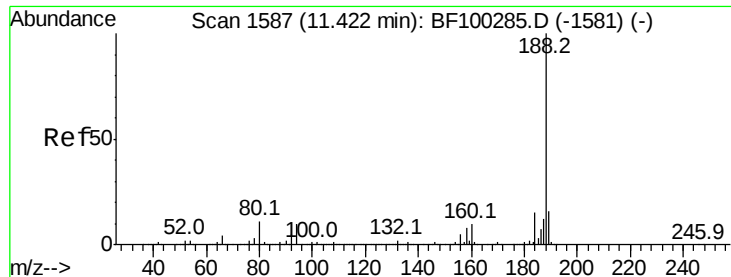


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

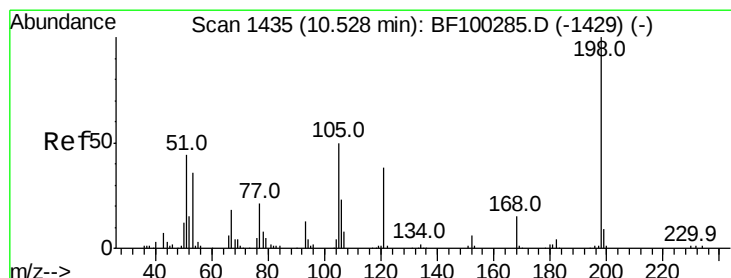
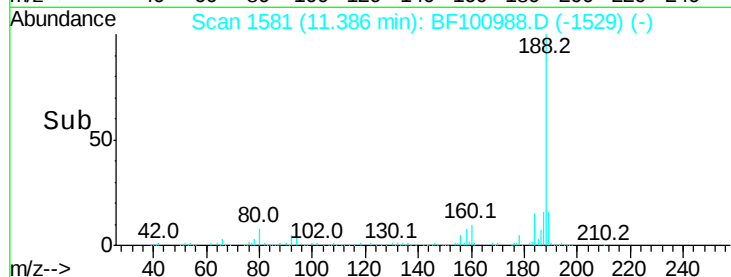
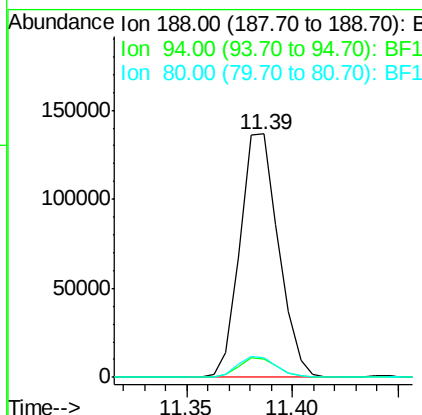
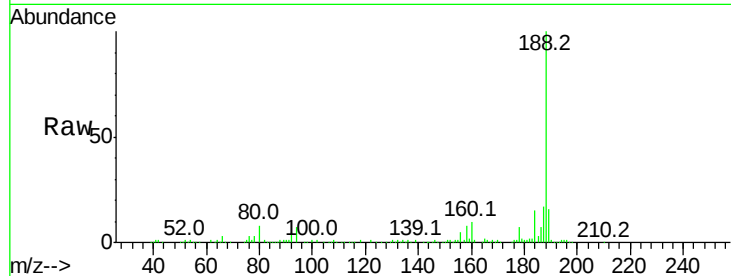




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF100988.D
Acq: 29 Nov 2017 19:51

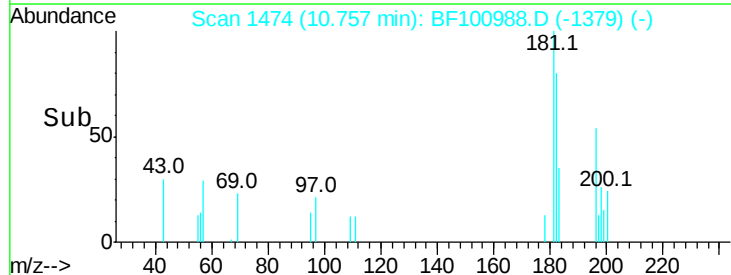
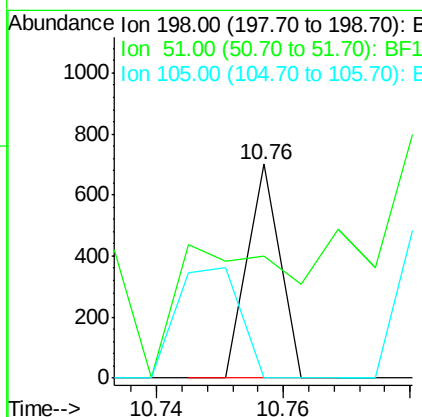
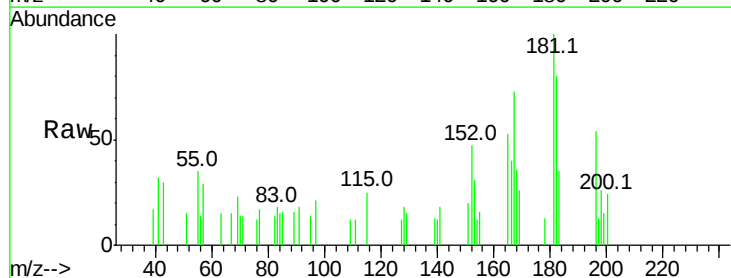
Instrument :
BNA_F
ClientSampleId :

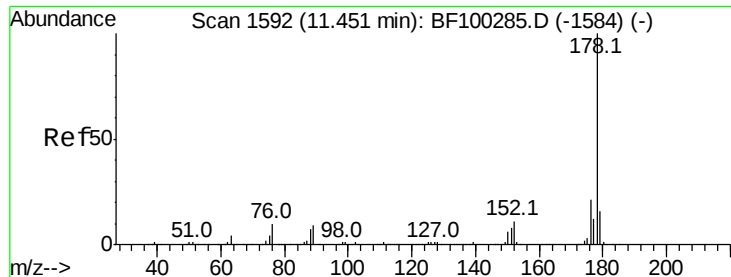
Tot Ion:188 Resp: 172956
Ion Ratio Lower Upper
188 100
94 7.4 8.5 12.7#
80 7.9 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 8.802 ng
RT: 10.76 min Scan# 1474
Delta R.T. 0.26 min
Lab File: BF100988.D
Acq: 29 Nov 2017 19:51

Tgt Ion:198 Resp: 247
Ion Ratio Lower Upper
198 100
51 57.1 37.7 77.7
105 0.0 36.3 76.3#





#70

Phenanthrene

Concen: 211.359 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF100988.D

Acq: 29 Nov 2017 19:51

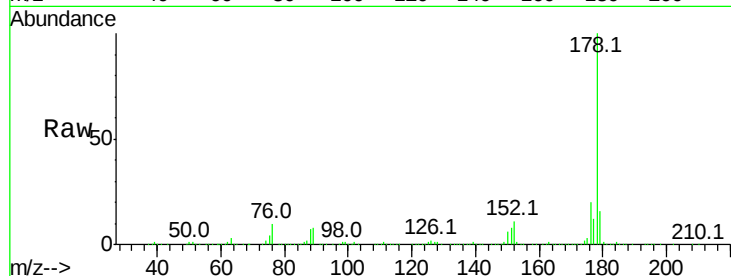
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1924717

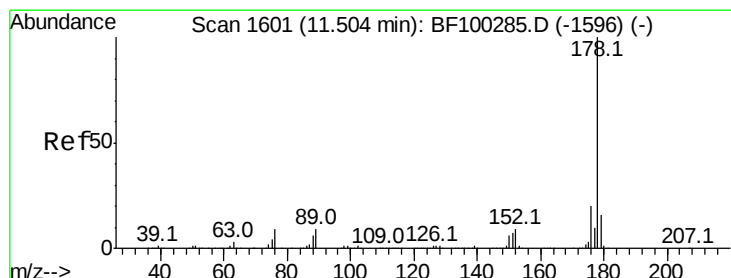
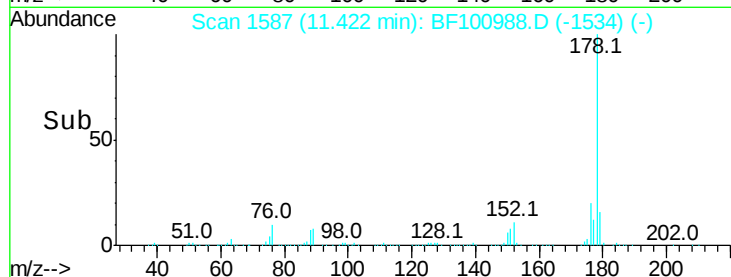
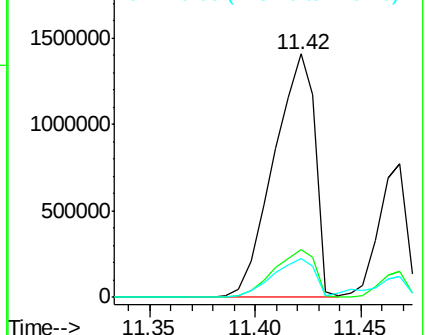
Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.9	13.0	19.6



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: 74.426 ng

RT: 11.47 min Scan# 1595

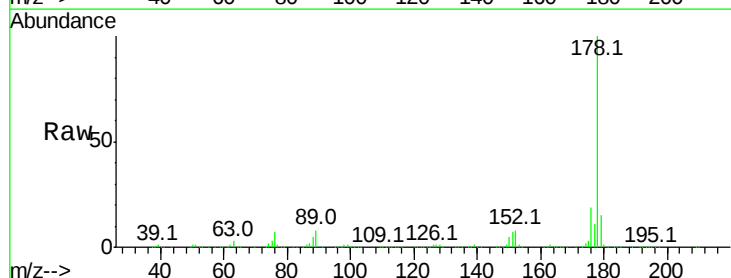
Delta R.T. 0.01 min

Lab File: BF100988.D

Acq: 29 Nov 2017 19:51

Tgt Ion:178 Resp: 687612

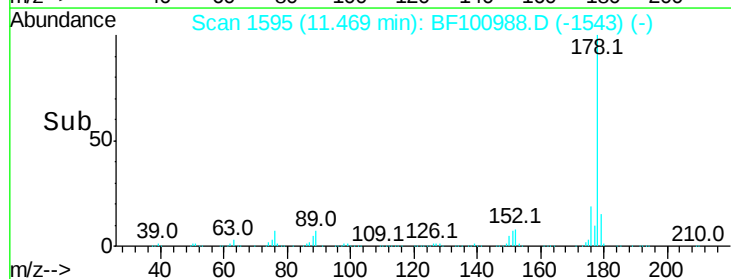
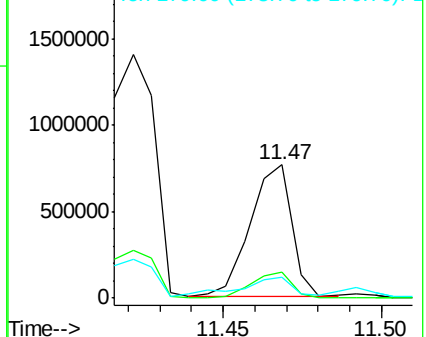
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.4	12.6	19.0

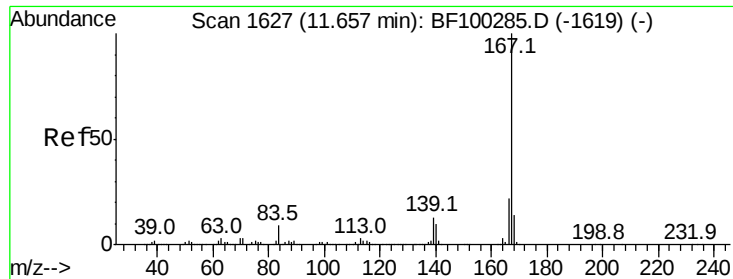


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 19.341 ng

RT: 11.61 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BF100988.D

Acq: 29 Nov 2017 19:51

Instrument :

BNA_F

ClientSampleId :

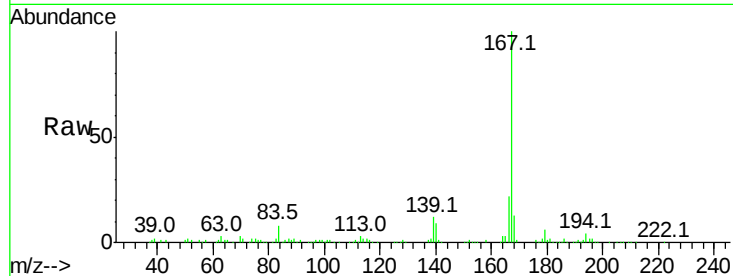
Tot Ion:167 Resp: 164878

Ion Ratio Lower Upper

167 100

166 22.0 17.6 26.4

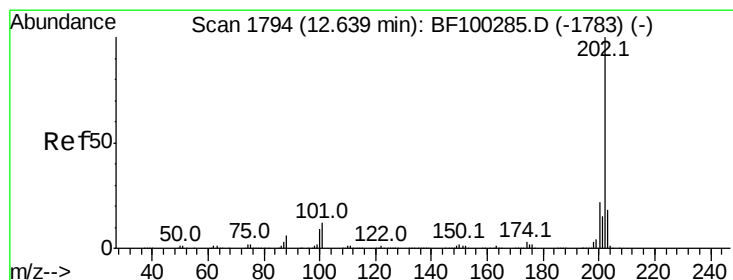
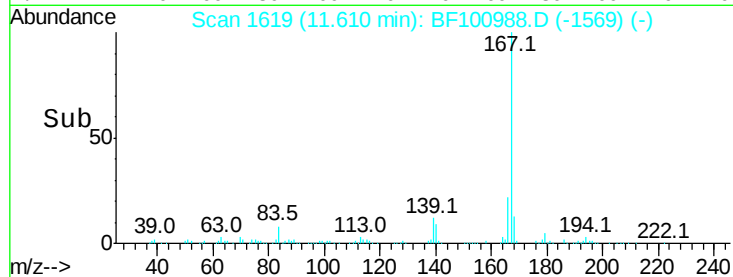
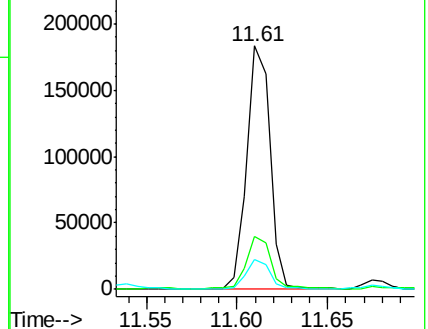
139 12.4 10.9 16.3



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: 208.760 ng

RT: 12.62 min Scan# 1790

Delta R.T. 0.02 min

Lab File: BF100988.D

Acq: 29 Nov 2017 19:51

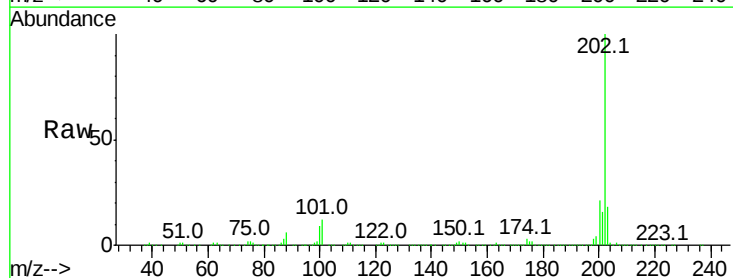
Tgt Ion:202 Resp: 2014747

Ion Ratio Lower Upper

202 100

101 12.4 0.0 34.1

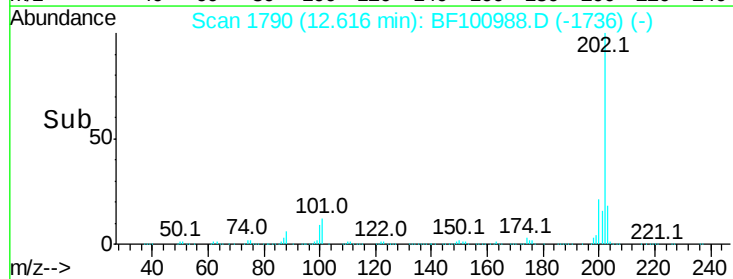
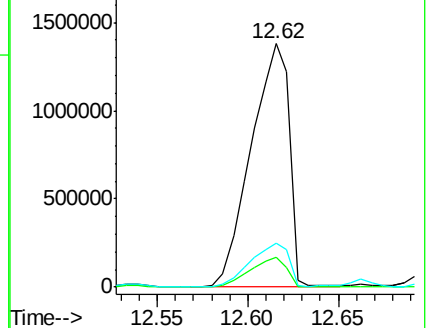
203 18.1 0.0 38.1

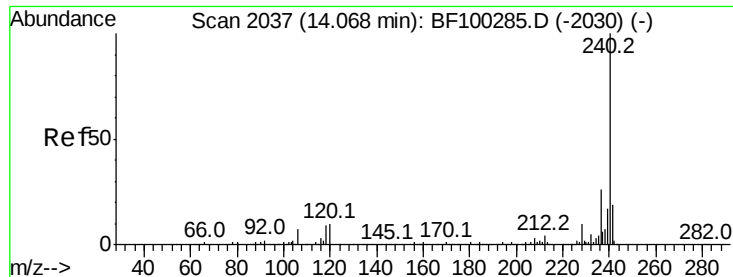


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF100988.D

Acq: 29 Nov 2017 19:51

Instrument :

BNA_F

ClientSampleId :

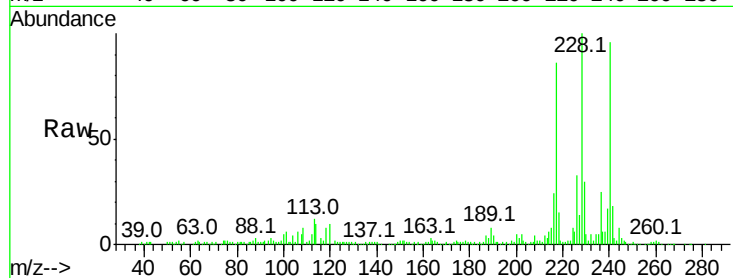
Tot Ion:240 Resp: 128753

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

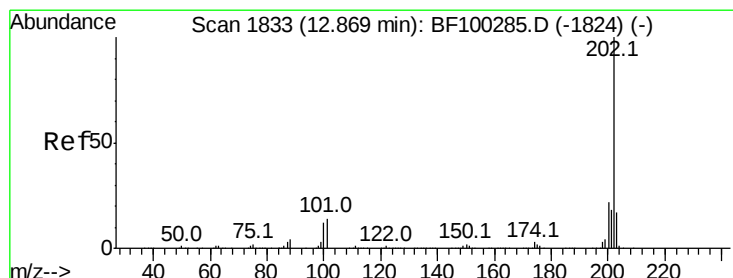
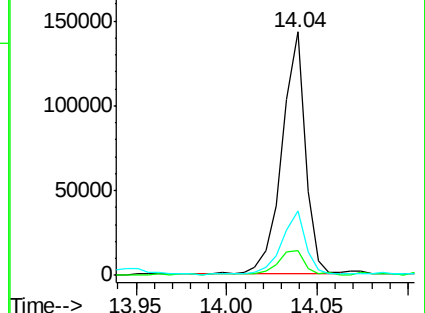
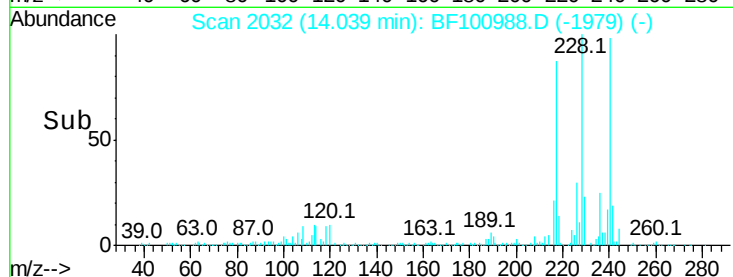
236 26.2 20.7 31.1



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: 194.991 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.02 min

Lab File: BF100988.D

Acq: 29 Nov 2017 19:51

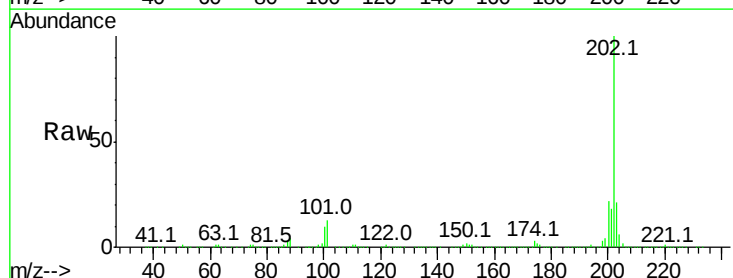
Tgt Ion:202 Resp: 1789633

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

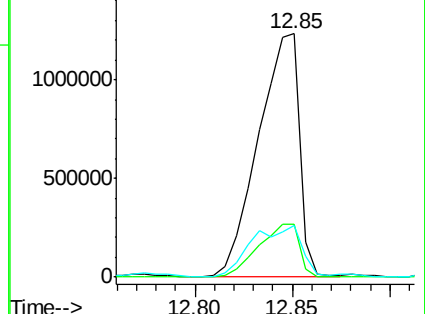
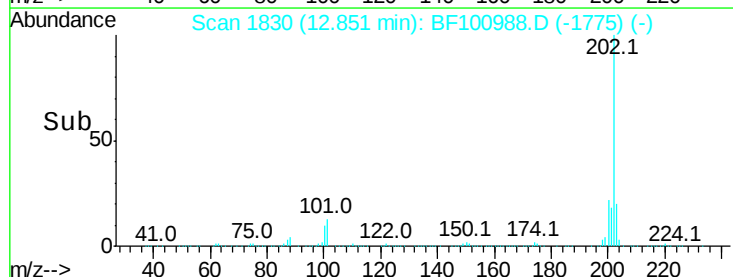
203 21.0 14.3 21.5

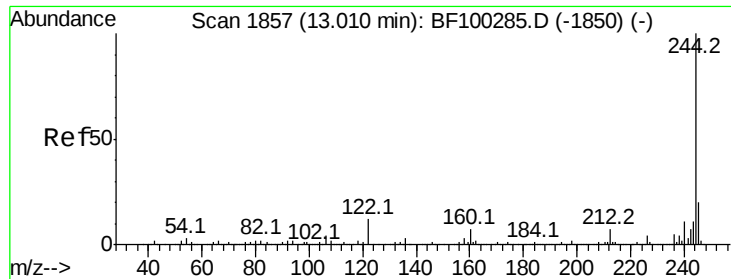


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

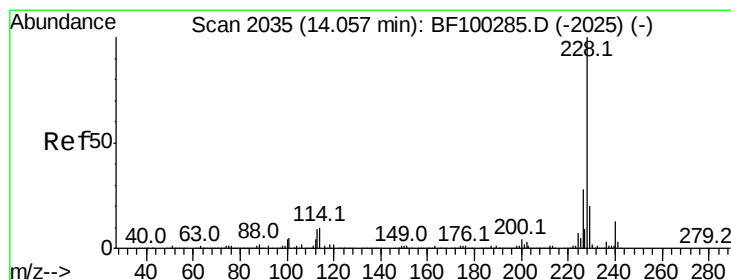
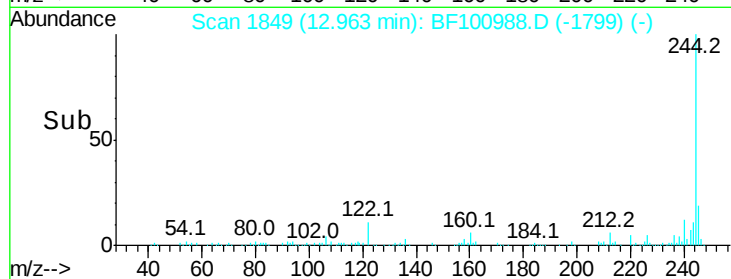
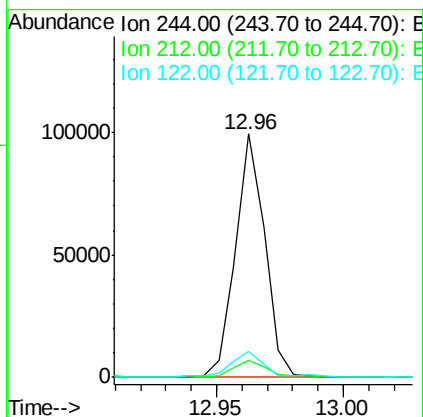
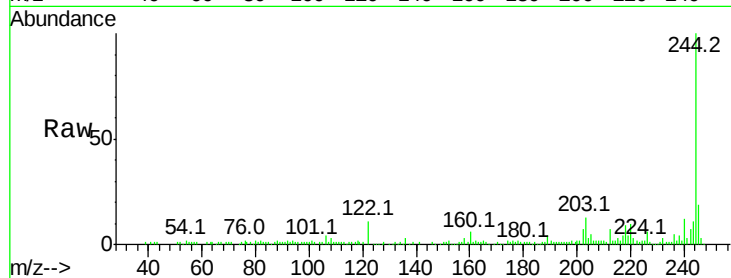




#78
 Terphenyl-d14
 Concen: 14.308 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF100988.D
 Acq: 29 Nov 2017 19:51

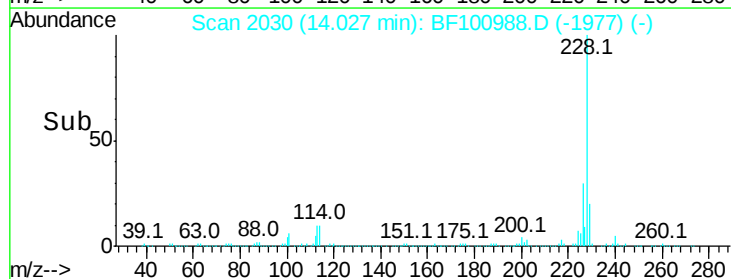
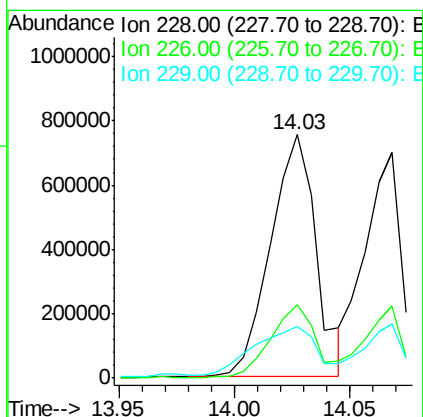
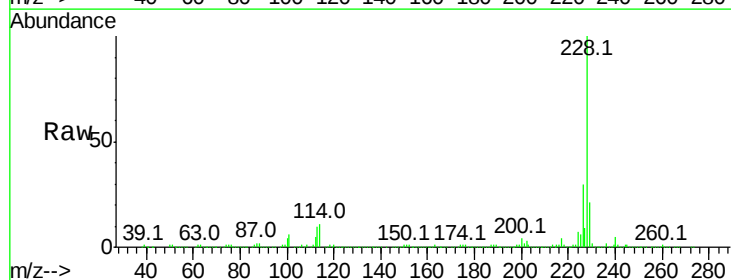
Instrument :
 BNA_F
 ClientSampleID :

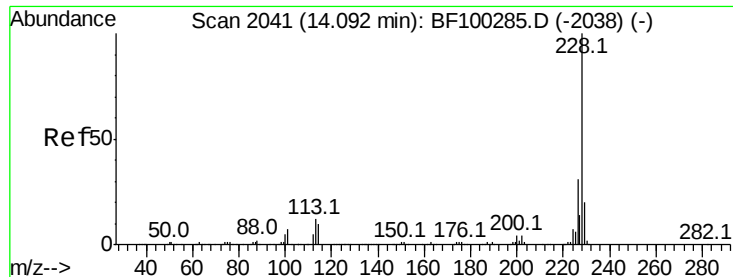
Tot Ion:244 Resp: 80175
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.7 11.0 16.4#



#80
 Benzo(a)anthracene
 Concen: 132.553 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.01 min
 Lab File: BF100988.D
 Acq: 29 Nov 2017 19:51

Tgt Ion:228 Resp: 1027740
 Ion Ratio Lower Upper
 228 100
 226 30.0 22.6 33.8
 229 21.0 15.8 23.6





#82

Chrysene

Concen: 101.072 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BF100988.D

Acq: 29 Nov 2017 19:51

Instrument :

BNA_F

ClientSampled :

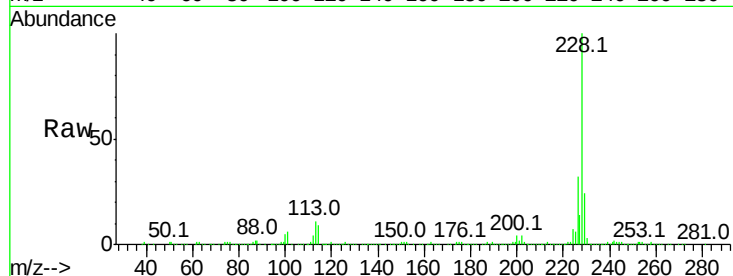
Tot Ion:228 Resp: 758867

Ion Ratio Lower Upper

228 100

226 31.9 25.0 37.6

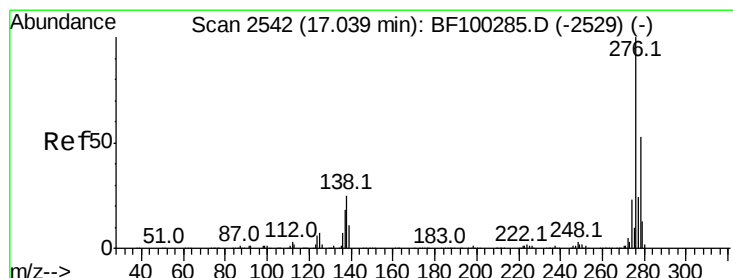
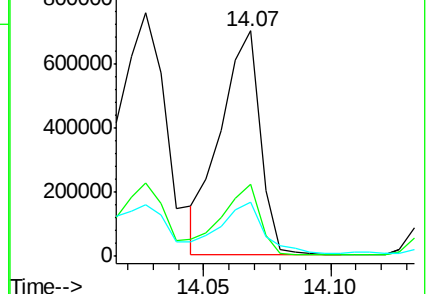
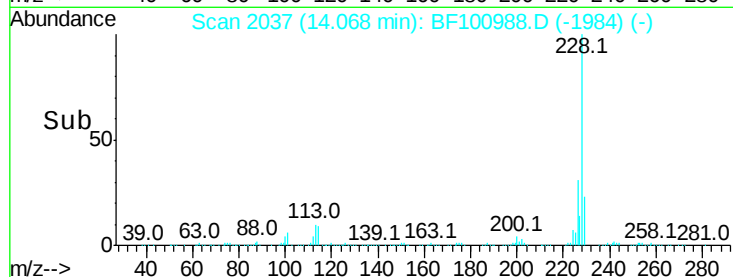
229 24.0 16.2 24.4



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: 50.163 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.03 min

Lab File: BF100988.D

Acq: 29 Nov 2017 19:51

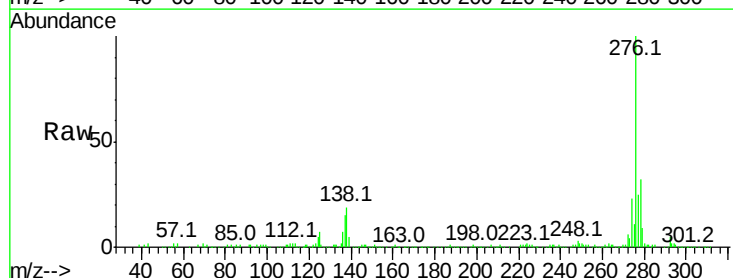
Tgt Ion:276 Resp: 304641

Ion Ratio Lower Upper

276 100

138 19.5 25.0 37.6#

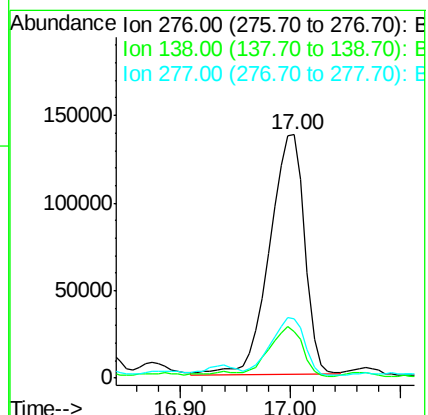
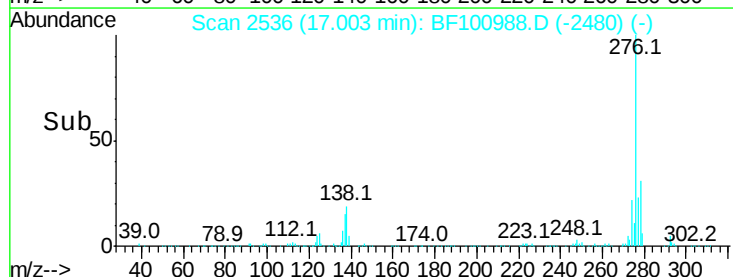
277 23.4 20.1 30.1

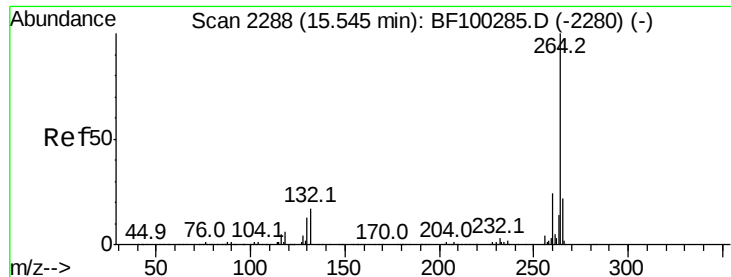


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

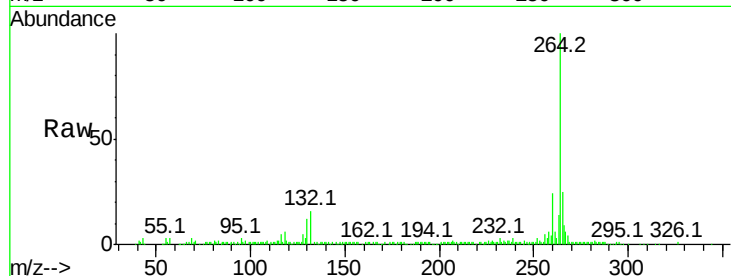




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.02 min
Lab File: BF100988.D
Acq: 29 Nov 2017 19:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	24.7	17.5	26.3

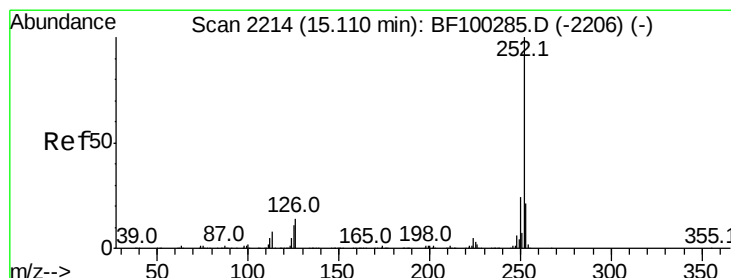
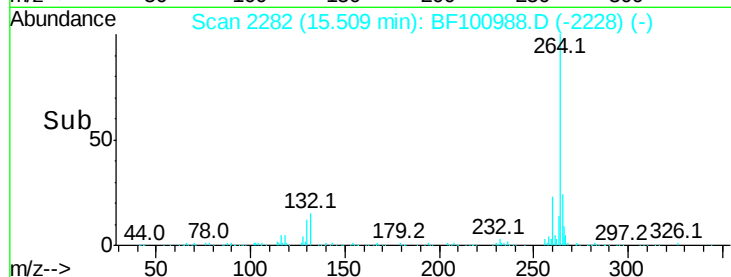
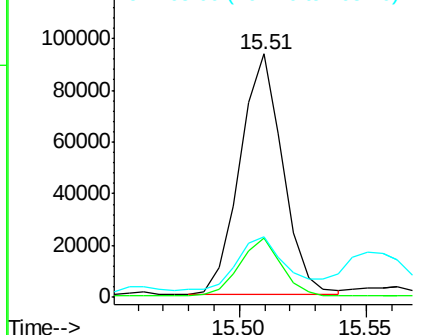


Abundance

Ion 264.00 (263.70 to 264.70): E

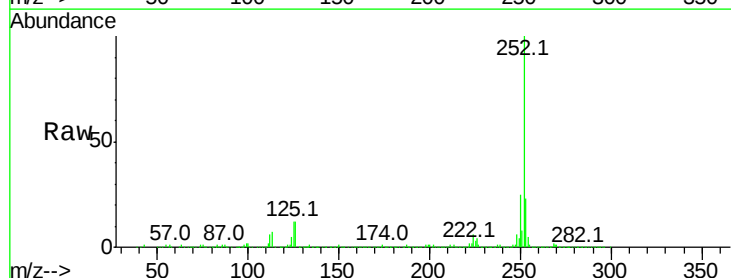
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87
Benzo(b)fluoranthene
Concen: 162.410 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.02 min
Lab File: BF100988.D
Acq: 29 Nov 2017 19:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	11.5	9.0	13.6

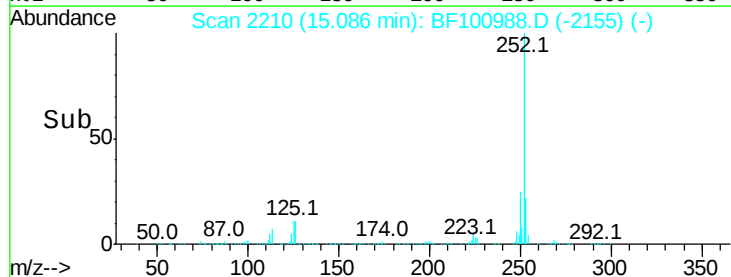
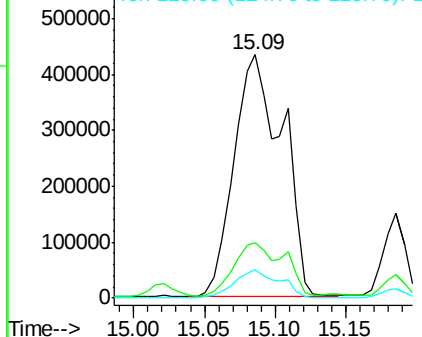


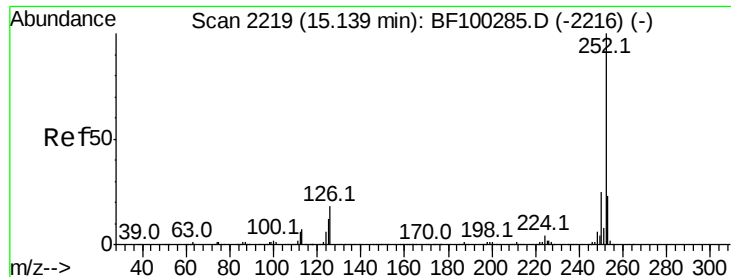
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

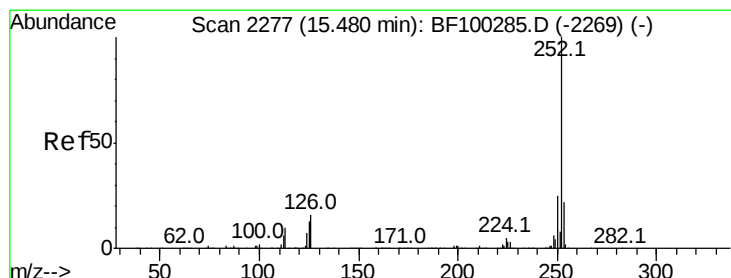
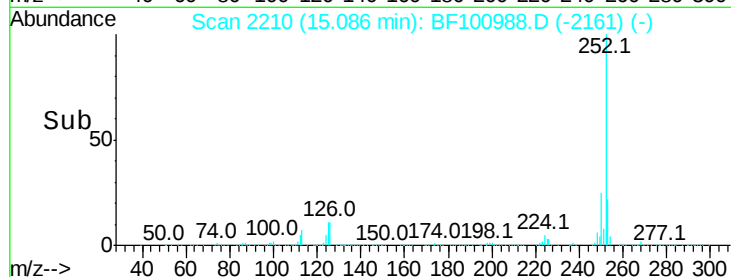
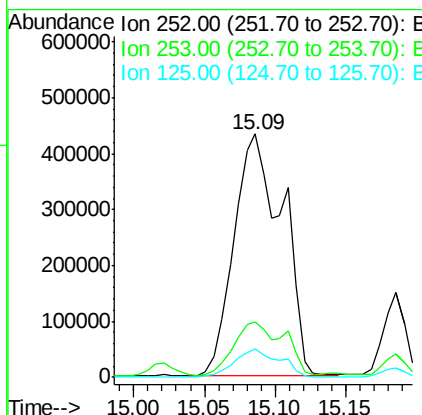
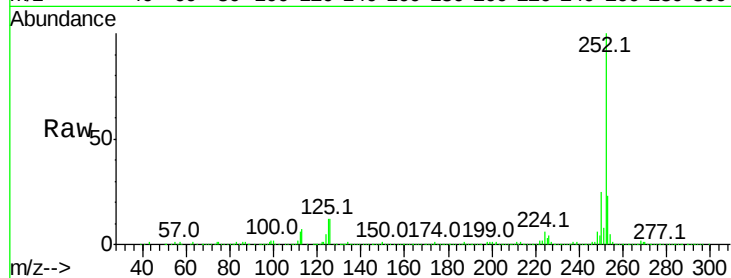




#88
Benzo(k)fluoranthene
Concen: 171.889 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF100988.D
Acq: 29 Nov 2017 19:51

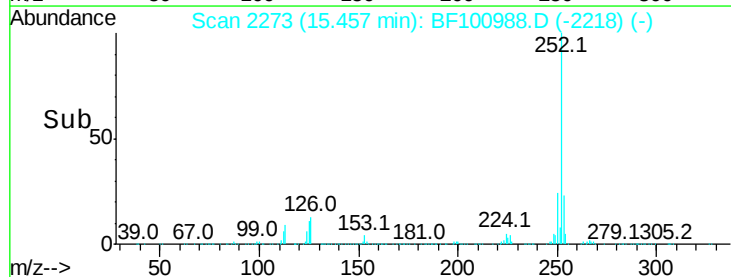
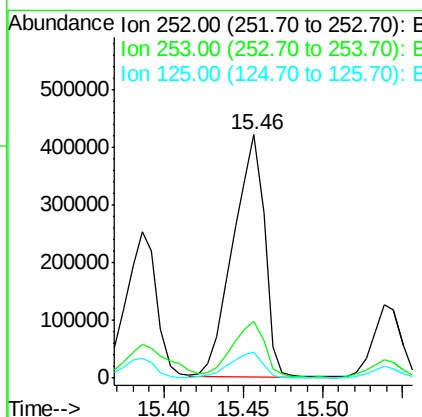
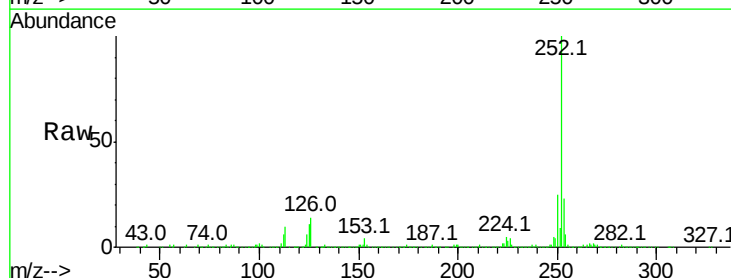
Instrument :
BNA_F
ClientSampleId :

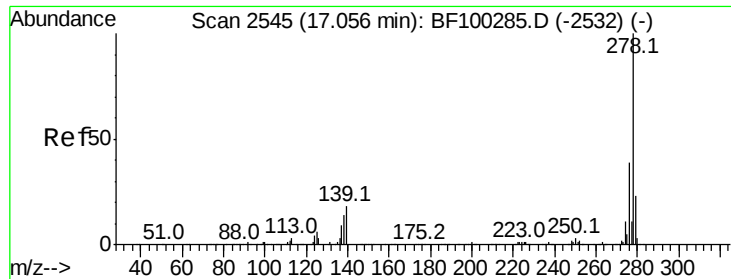
Tot Ion:252 Resp: 1045876
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 11.5 10.2 15.2



#89
Benzo(a)pyrene
Concen: 101.375 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.02 min
Lab File: BF100988.D
Acq: 29 Nov 2017 19:51

Tgt Ion:252 Resp: 578753
Ion Ratio Lower Upper
252 100
253 23.4 17.1 25.7
125 10.8 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 16.585 ng

RT: 17.16 min Scan# 2563

Delta R.T. 0.18 min

Lab File: BF100988.D

Acq: 29 Nov 2017 19:51

Instrument :

BNA_F

ClientSampleId :

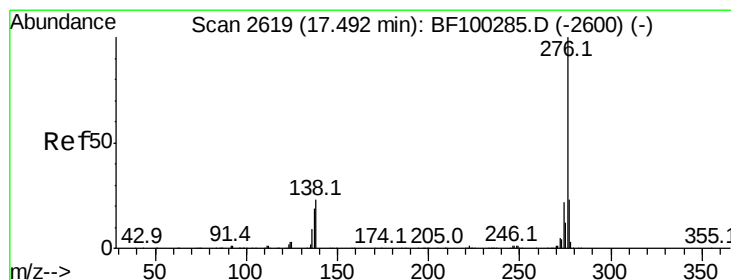
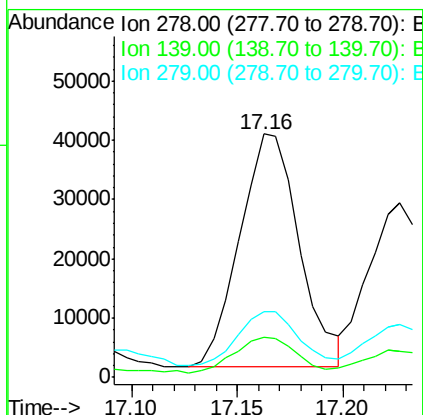
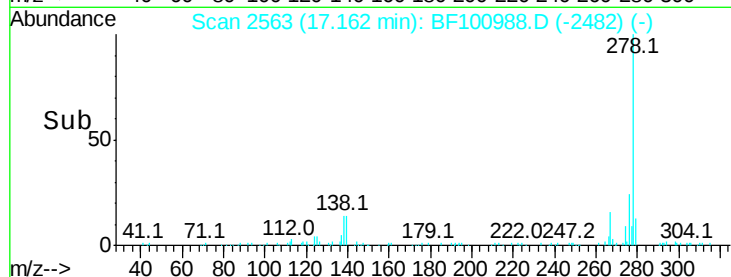
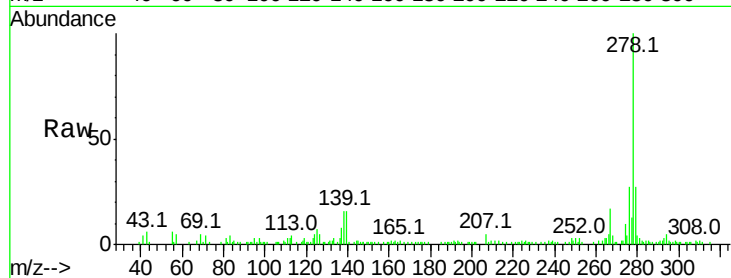
Tot Ion:278 Resp: 77436

Ion Ratio Lower Upper

278 100

139 16.2 15.9 23.9

279 26.8 19.0 28.4



#91

Benzo(g,h,i)perylene

Concen: 60.431 ng

RT: 17.45 min Scan# 2612

Delta R.T. 0.03 min

Lab File: BF100988.D

Acq: 29 Nov 2017 19:51

Tgt Ion:276 Resp: 276191

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 20.8 21.8 32.8#

