

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
 Data File : BF100980.D
 Acq On : 29 Nov 2017 16:17
 Operator : SJ/JU
 Sample : I6304-26 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 23:40:52 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

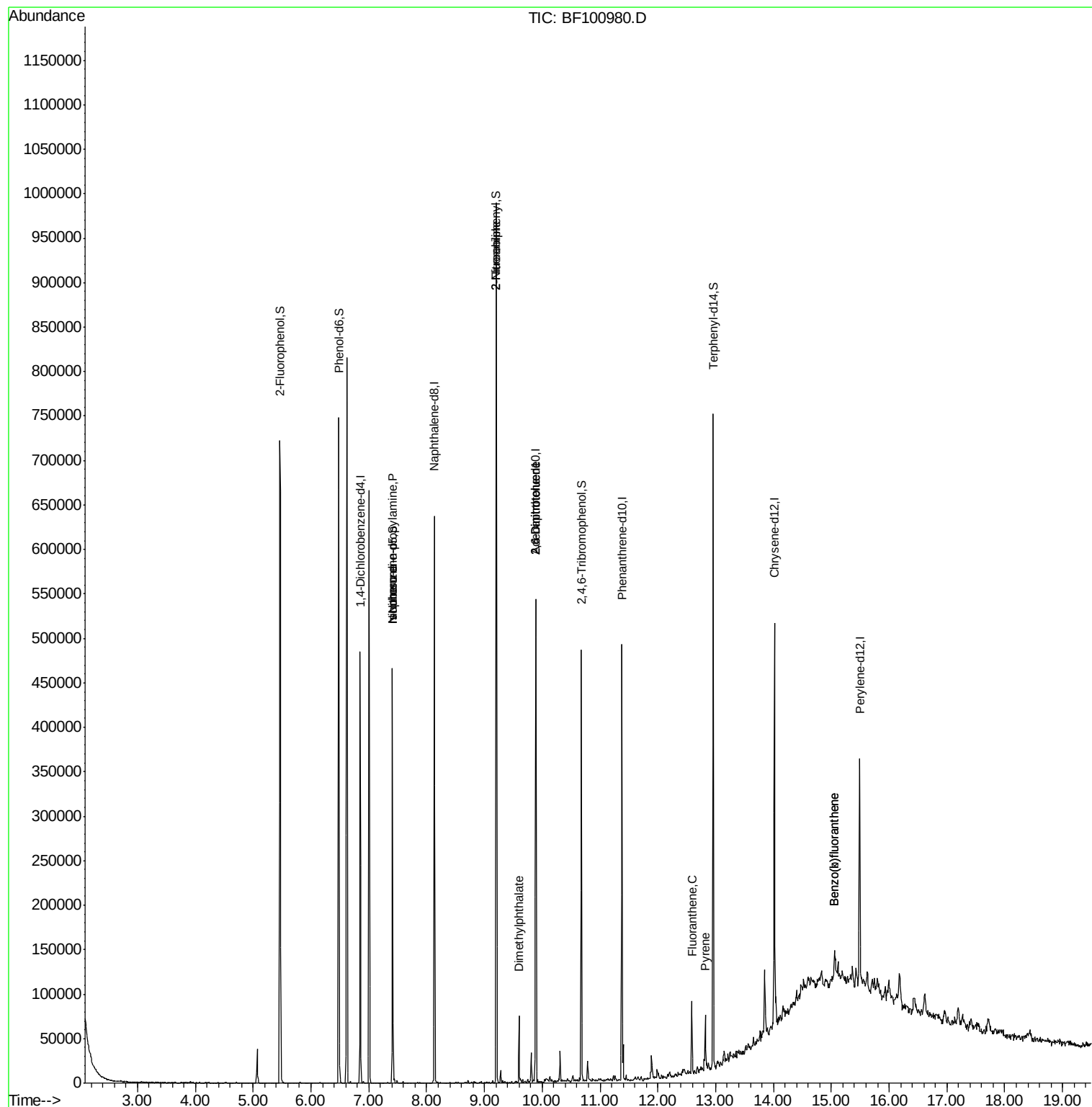
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	68224	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	262270	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	110817	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	171241	20.00	ng	0.00
75) Chrysene-d12	14.02	240	146975	20.00	ng	-0.01
86) Perylene-d12	15.49	264	113489	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	204328	48.01	ng	-0.01
7) Phenol-d6	6.48	99	243792	46.45	ng	-0.01
23) Nitrobenzene-d5	7.41	82	144954	36.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	55368	49.03	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	320872	44.09	ng	-0.01
78) Terphenyl-d14	12.96	244	226374	35.39	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	19195	5.274	ng	# 86
25) Isophorone	7.41	82	144952	17.388	ng	# 64
47) 2-Nitroaniline	9.20	65	382	2.959	ng	# 1
49) Dimethylphthalate	9.60	163	25332	2.994	ng	# 98
50) 2,6-Dinitrotoluene	9.89	165	14281	8.527	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	14281	6.759	ng	# 21
74) Fluoranthene	12.59	202	30789	3.222	ng	96
77) Pyrene	12.82	202	25350	2.420	ng	96
87) Benzo(b)fluoranthene	15.06	252	19606	2.916	ng	# 78
88) Benzo(k)fluoranthene	15.06	252	19606	3.086	ng	# 81

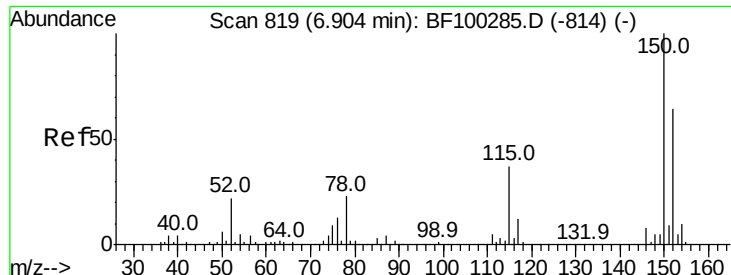
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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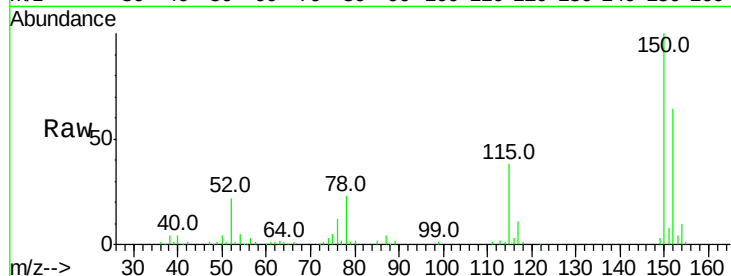


#1

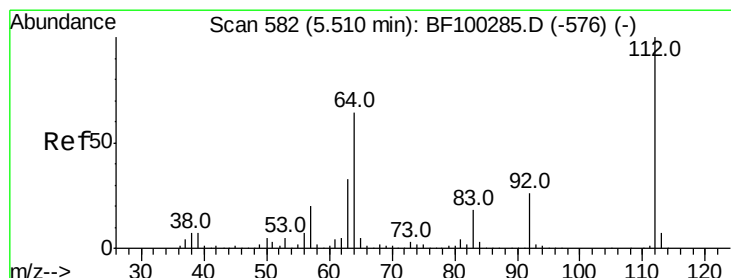
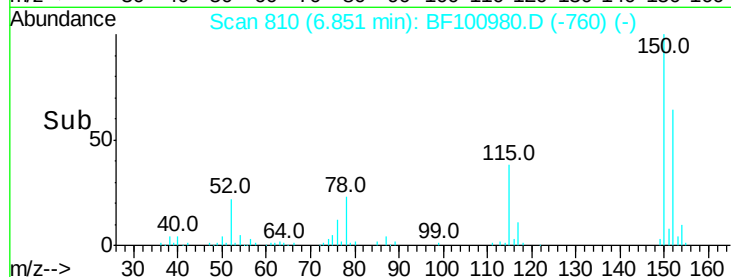
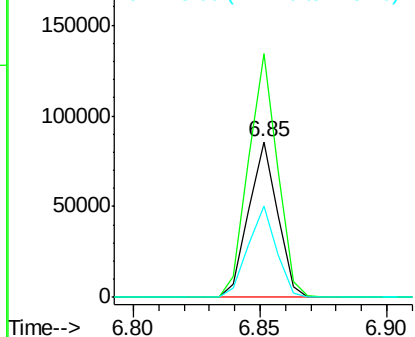
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF100980.D
Acq: 29 Nov 2017 16:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 68224
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 58.8 50.1 75.1



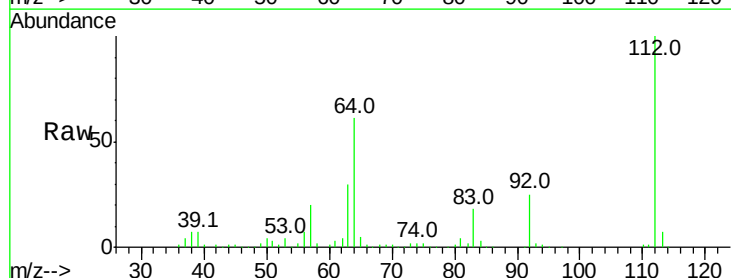
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



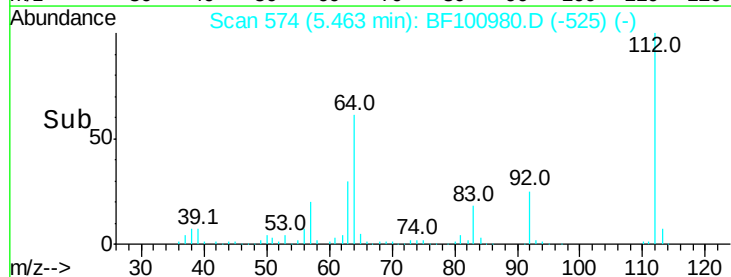
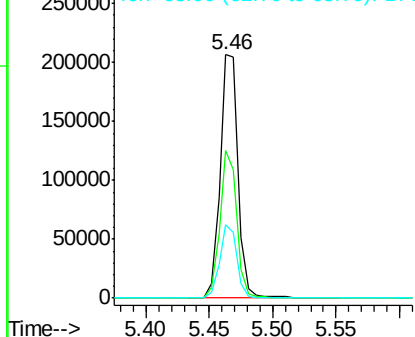
#5

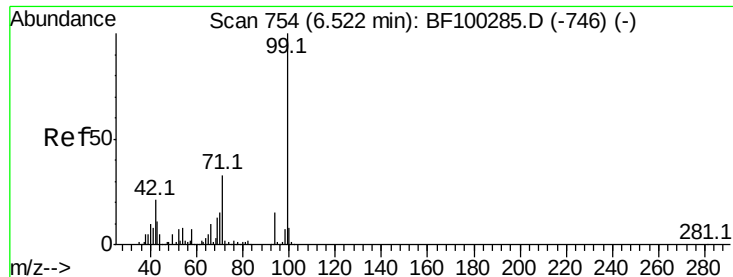
2-Fluorophenol
Concen: 48.009 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF100980.D
Acq: 29 Nov 2017 16:17

Tgt Ion:112 Resp: 204328
Ion Ratio Lower Upper
112 100
64 60.9 47.9 71.9
63 30.0 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: 46.452 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF100980.D

Acq: 29 Nov 2017 16:17

Instrument :

BNA_F

ClientSampleId :

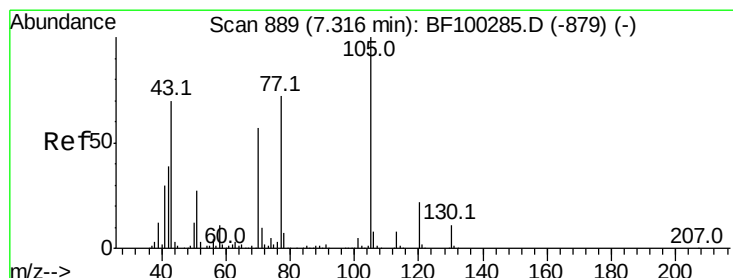
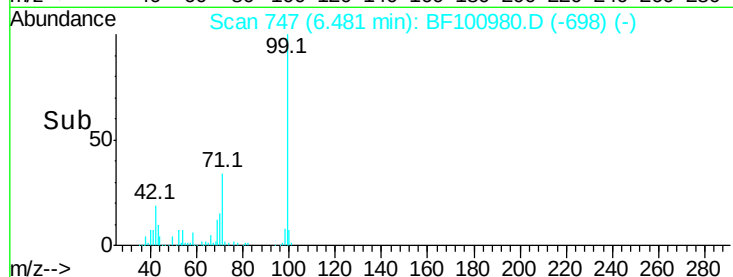
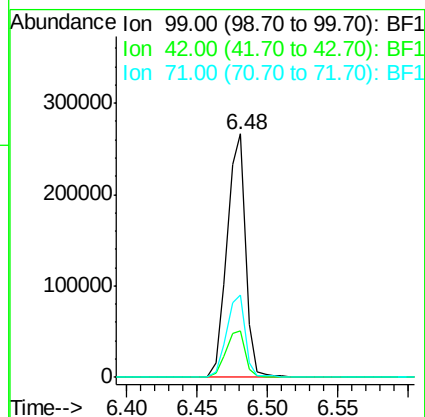
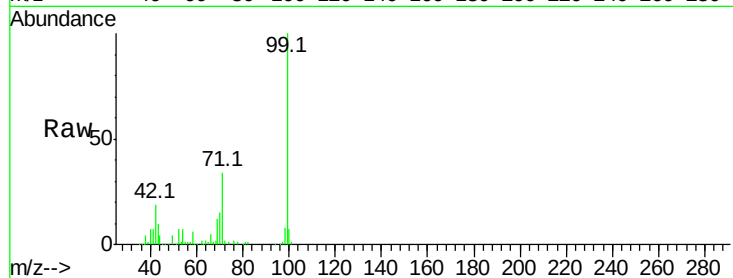
Tot Ion: 99 Resp: 243792

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

71 33.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 5.274 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF100980.D

Acq: 29 Nov 2017 16:17

Tgt Ion: 70 Resp: 19195

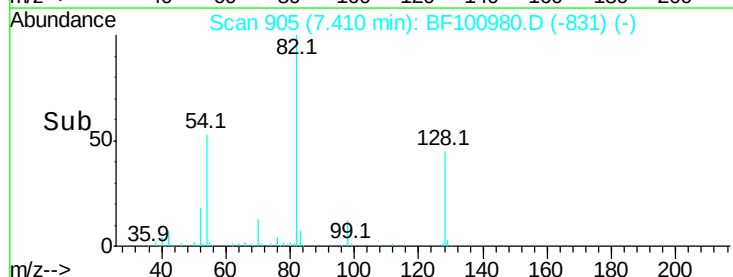
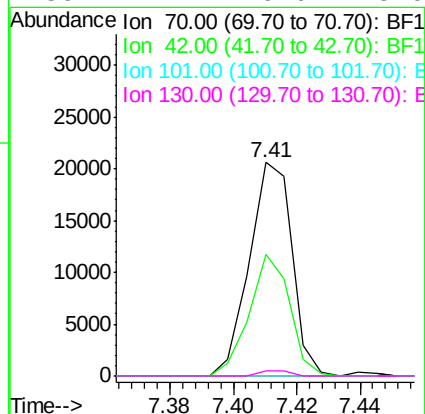
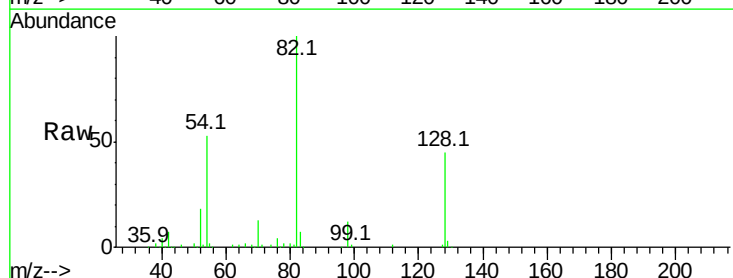
Ion Ratio Lower Upper

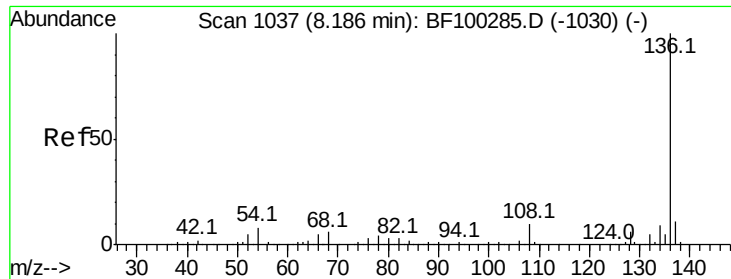
70 100

42 57.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

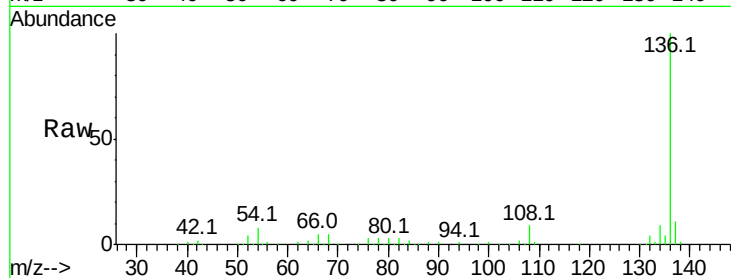




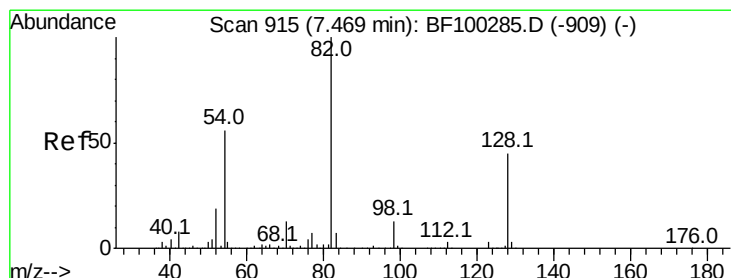
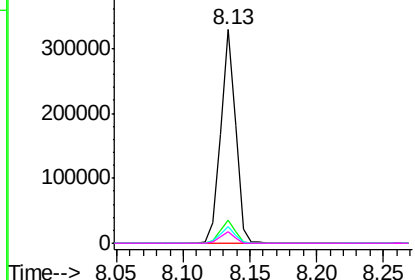
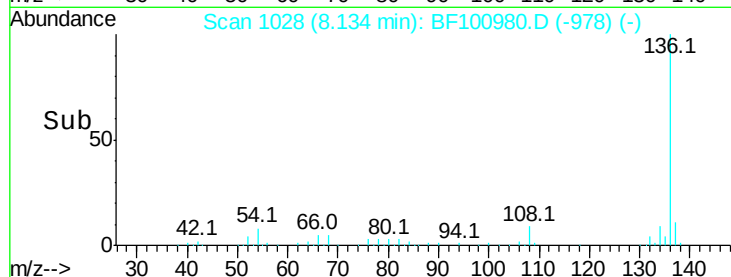
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF100980.D
Acq: 29 Nov 2017 16:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	262270
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.6	6.6	9.8
68	5.2	5.0	7.4

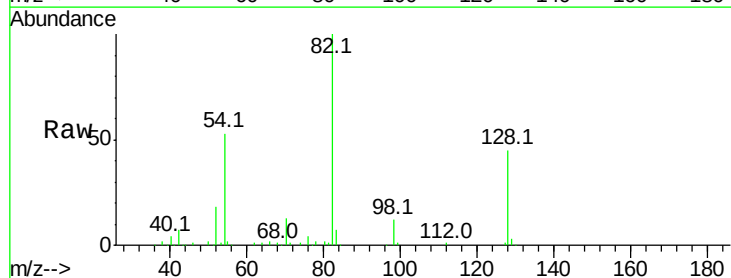


Abundance Ion 136.00 (135.70 to 136.70): BF1
Ion 137.00 (136.70 to 137.70): BF1
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

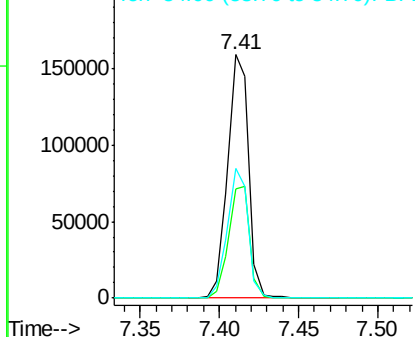
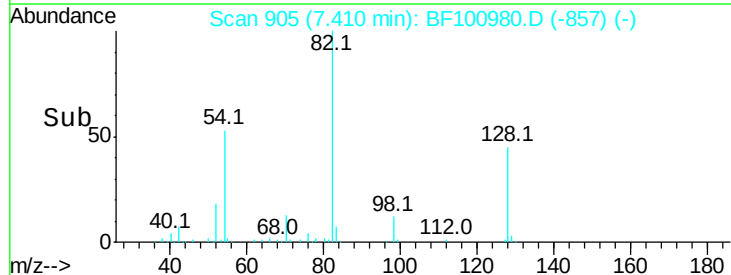


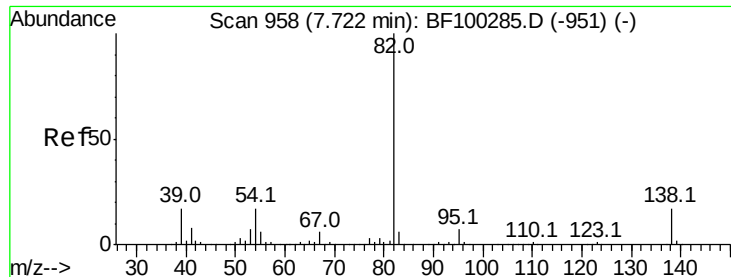
#23
Nitrobenzene-d5
Concen: 36.540 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF100980.D
Acq: 29 Nov 2017 16:17

Tgt Ion:	82	Resp:	144954
Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	53.3	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: 17.388 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.27 min

Lab File: BF100980.D

Acq: 29 Nov 2017 16:17

Instrument :

BNA_F

ClientSampleId :

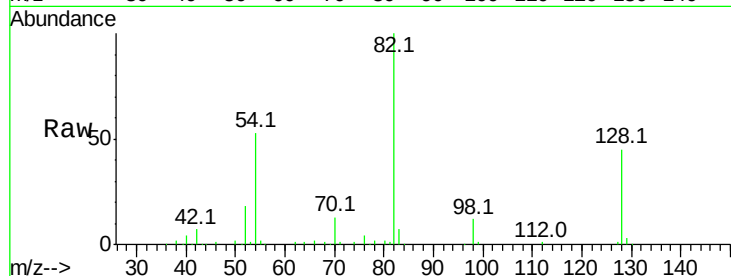
Tot Ion: 82 Resp: 144952

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

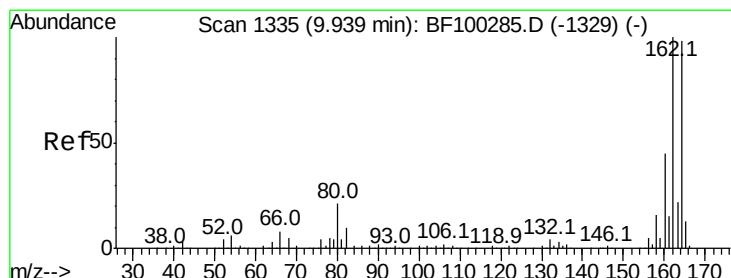
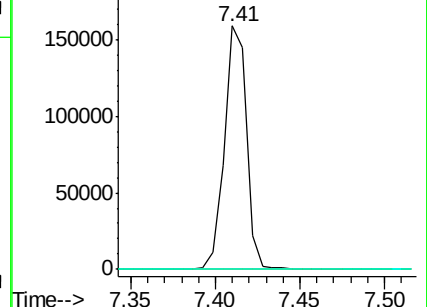
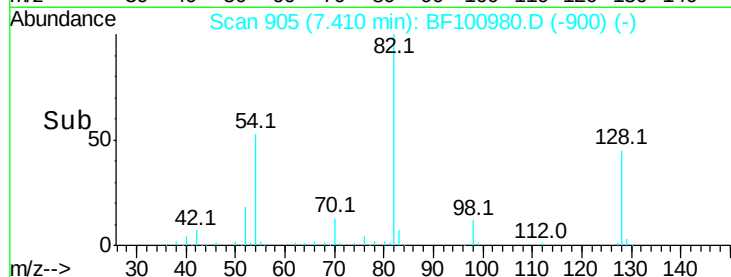
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF100980.D

Acq: 29 Nov 2017 16:17

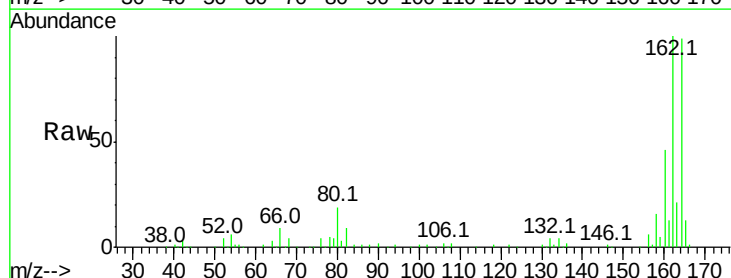
Tgt Ion:164 Resp: 110817

Ion Ratio Lower Upper

164 100

162 101.3 86.1 129.1

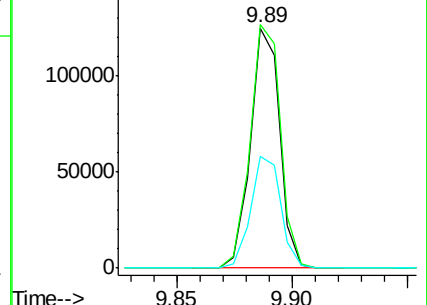
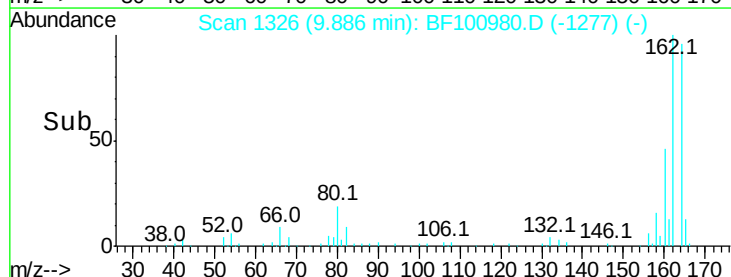
160 46.4 38.3 57.5

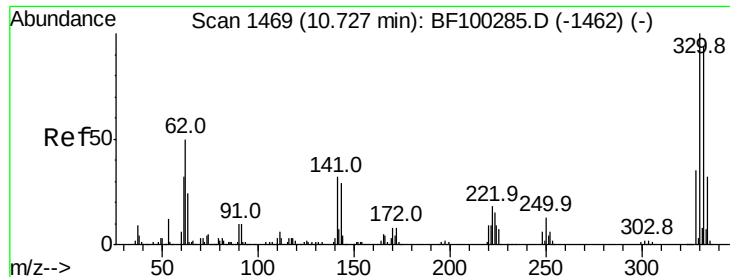


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

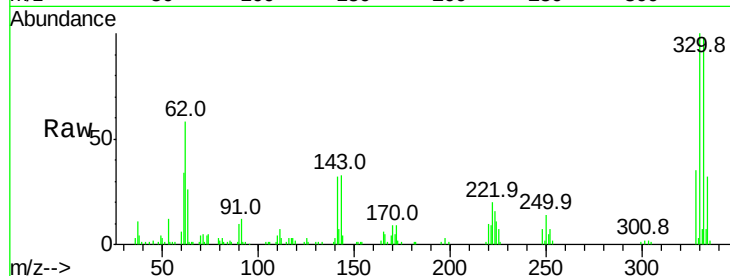




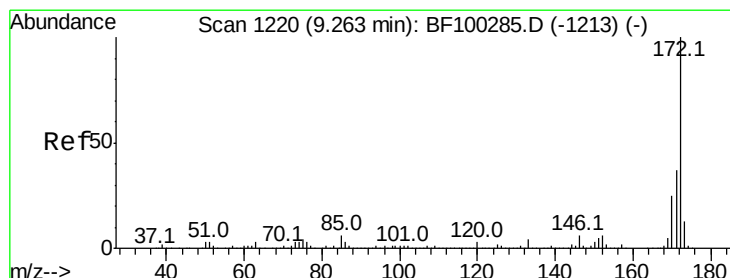
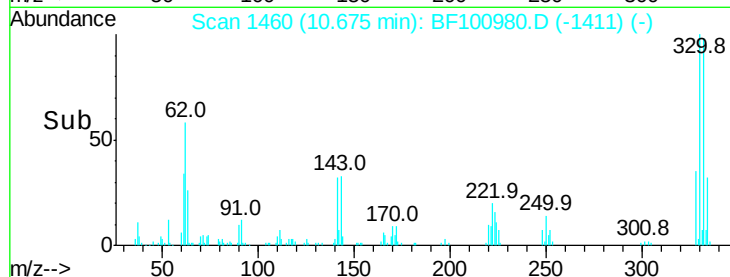
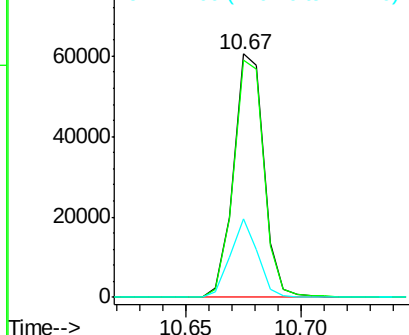
#41
 2,4,6-Tribromophenol
 Concen: 49.032 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF100980.D
 Acq: 29 Nov 2017 16:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	29.0	29.9	44.9#

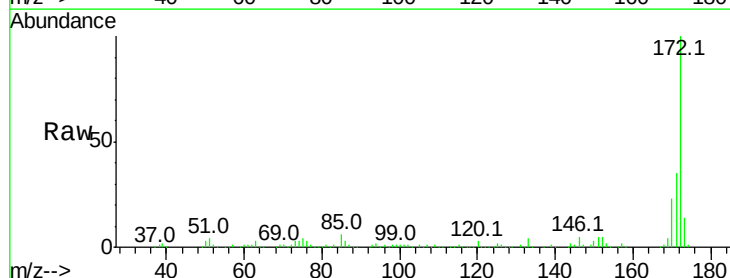


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

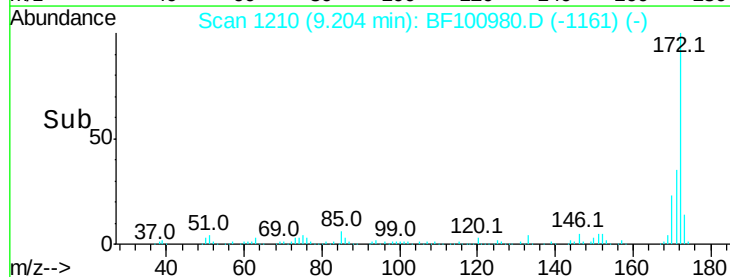
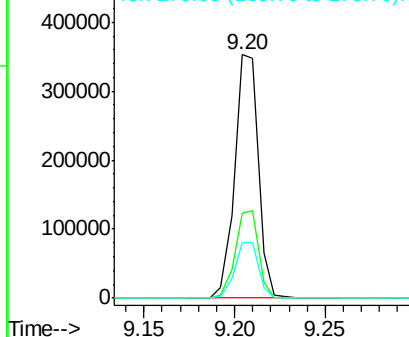


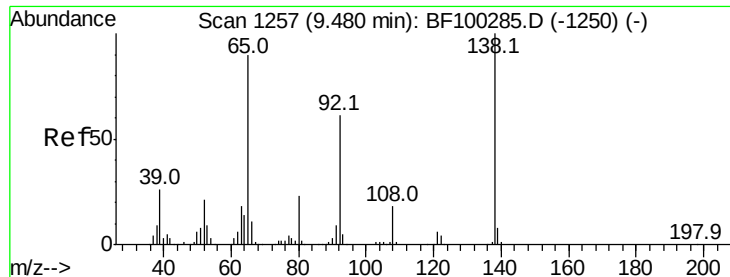
#44
 2-Fluorobiphenyl
 Concen: 44.090 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF100980.D
 Acq: 29 Nov 2017 16:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	22.6	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

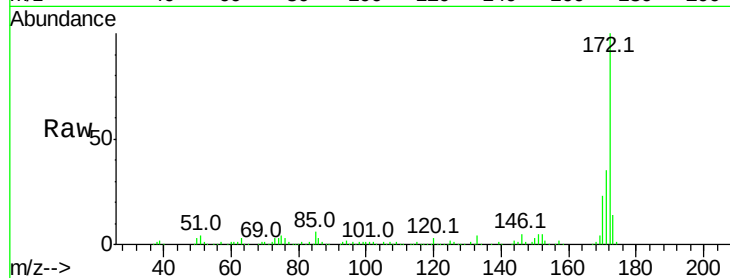




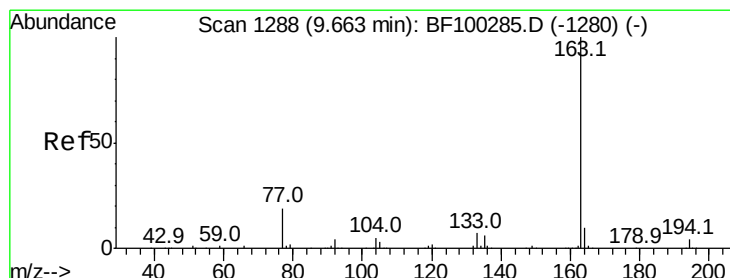
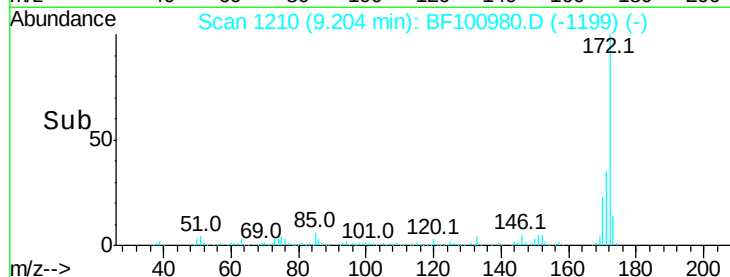
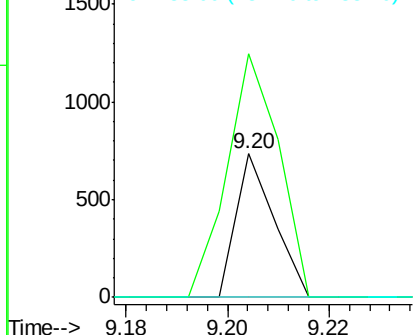
#47
2-Nitroaniline
Concen: 2.959 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.24 min
Lab File: BF100980.D
Acq: 29 Nov 2017 16:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 382
Ion Ratio Lower Upper
65 100
92 170.0 55.8 83.6#
138 0.0 91.2 136.8#

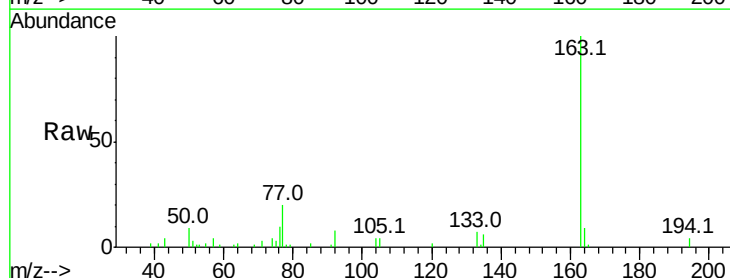


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

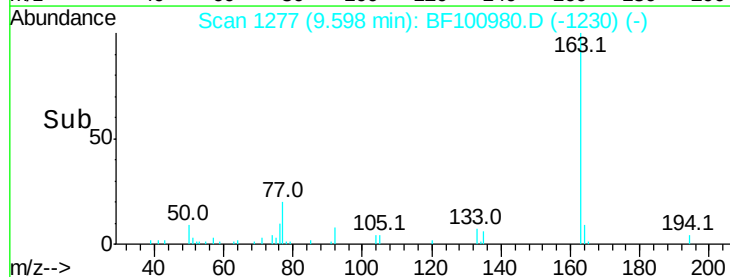
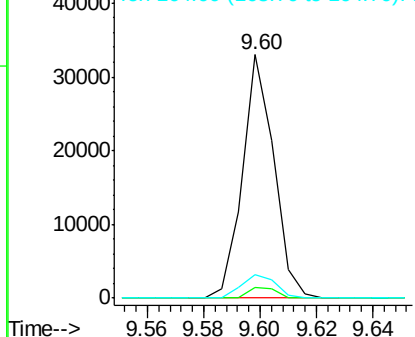


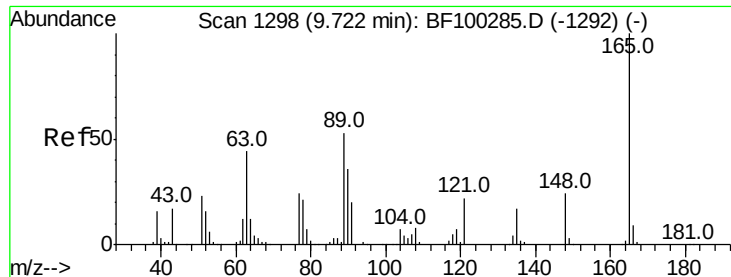
#49
Dimethylphthalate
Concen: 2.994 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF100980.D
Acq: 29 Nov 2017 16:17

Tgt Ion:163 Resp: 25332
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 9.4 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

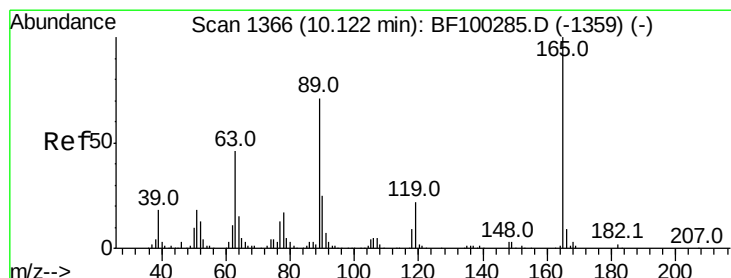
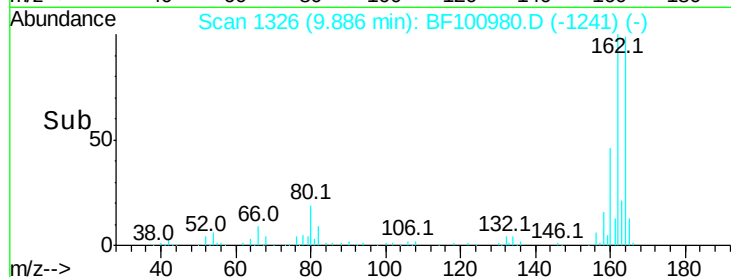
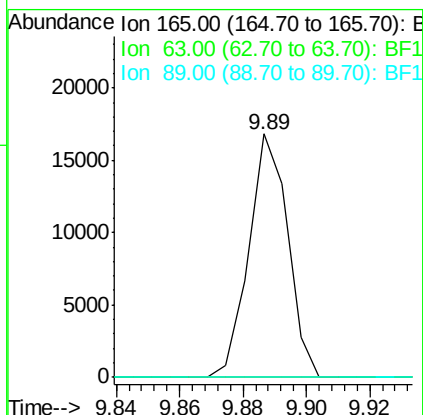
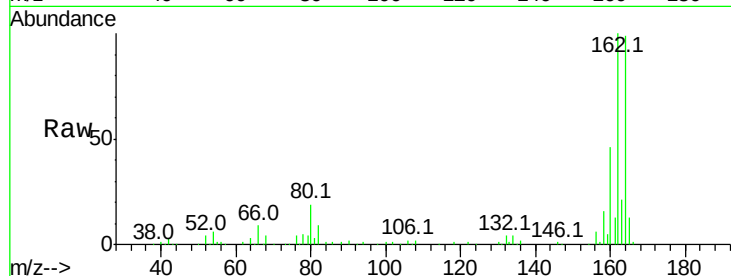




#50
 2,6-Dinitrotoluene
 Concen: 8.527 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.20 min
 Lab File: BF100980.D
 Acq: 29 Nov 2017 16:17

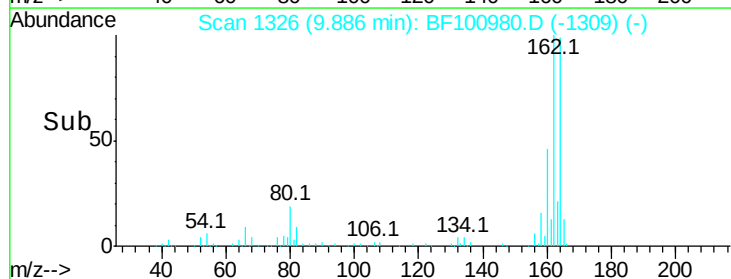
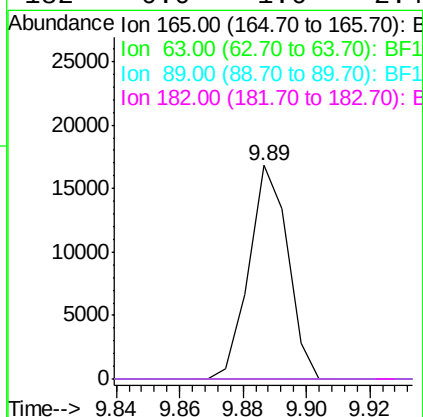
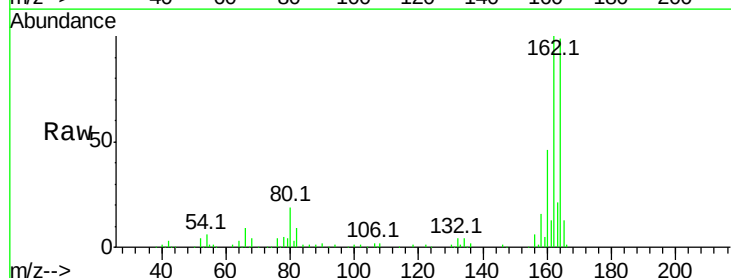
Instrument :
 BNA_F
 ClientSampleId :

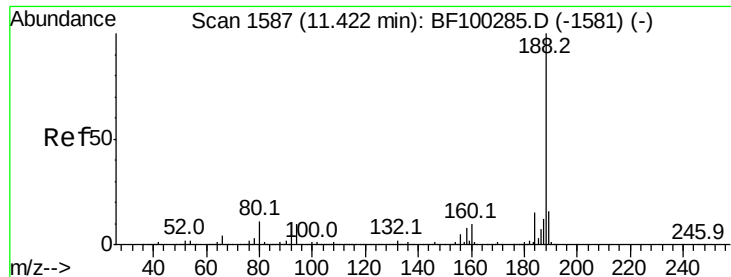
Tot Ion:165 Resp: 14281
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.759 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.20 min
 Lab File: BF100980.D
 Acq: 29 Nov 2017 16:17

Tgt Ion:165 Resp: 14281
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#

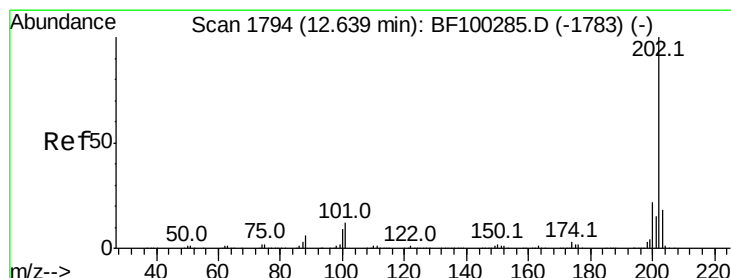
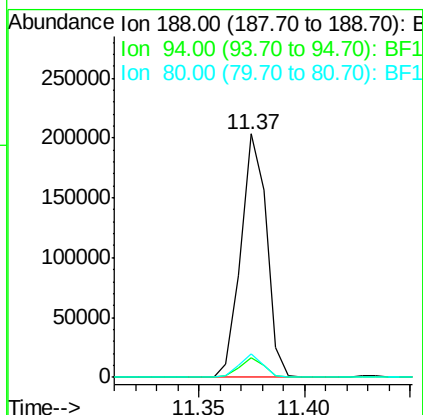
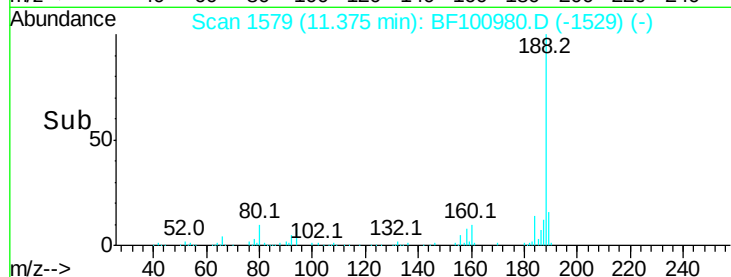
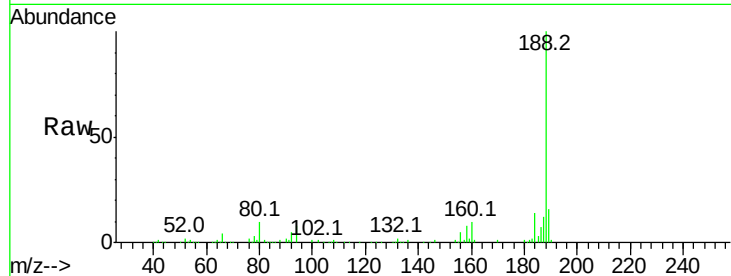




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF100980.D
Acq: 29 Nov 2017 16:17

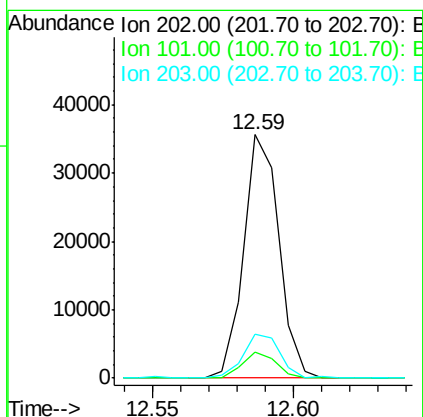
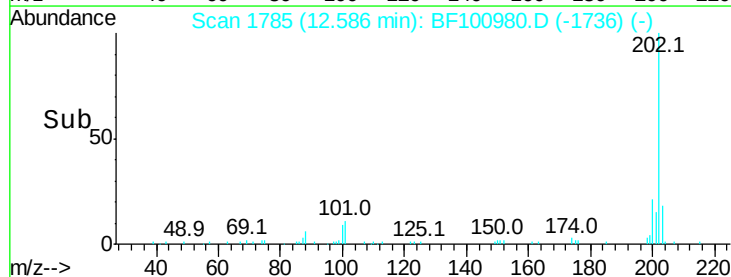
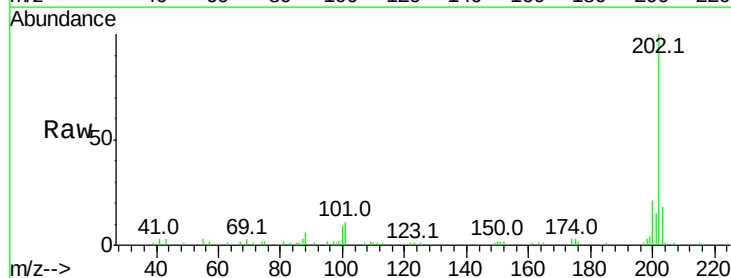
Instrument :
BNA_F
ClientSampled :

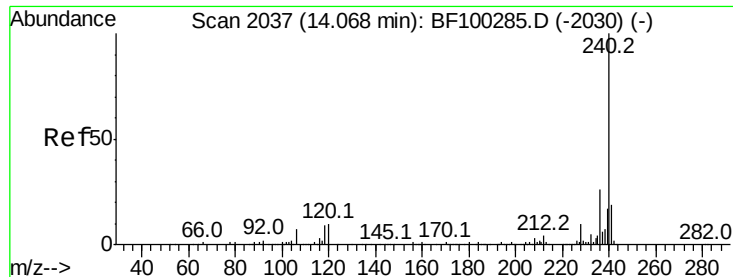
Tot Ion:188 Resp: 171241
Ion Ratio Lower Upper
188 100
94 8.3 8.5 12.7#
80 9.9 9.2 13.8



#74
Fluoranthene
Concen: 3.222 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BF100980.D
Acq: 29 Nov 2017 16:17

Tgt Ion:202 Resp: 30789
Ion Ratio Lower Upper
202 100
101 10.6 0.0 34.1
203 18.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF100980.D

Acq: 29 Nov 2017 16:17

Instrument :

BNA_F

ClientSampleId :

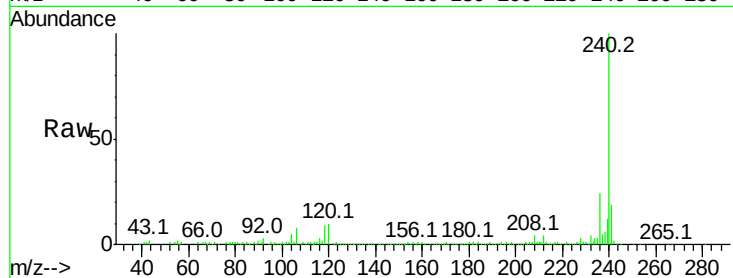
Tot Ion:240 Resp: 146975

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

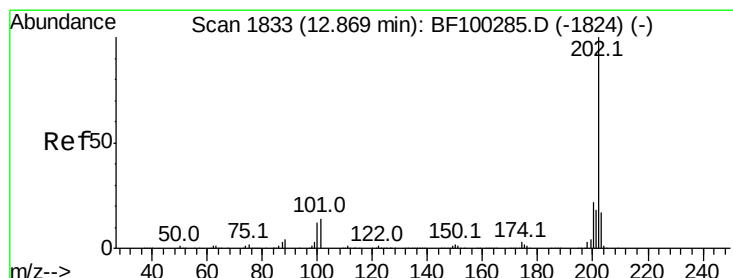
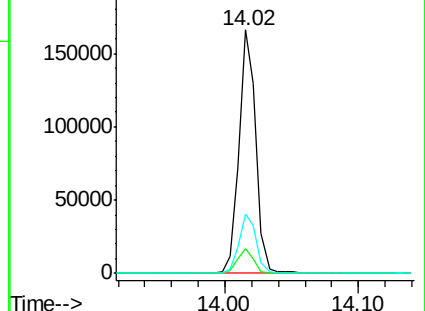
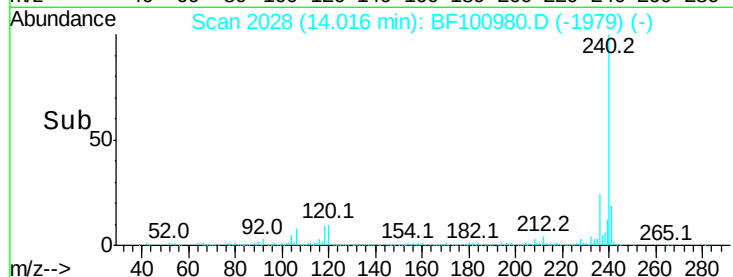
236 24.2 20.7 31.1



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: 2.420 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF100980.D

Acq: 29 Nov 2017 16:17

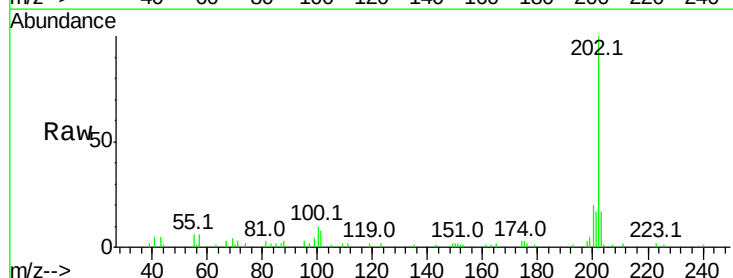
Tgt Ion:202 Resp: 25350

Ion Ratio Lower Upper

202 100

200 19.6 17.4 26.2

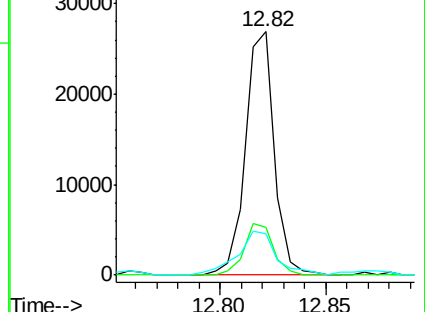
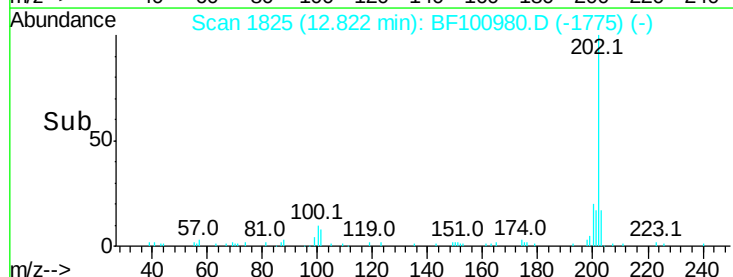
203 17.0 14.3 21.5

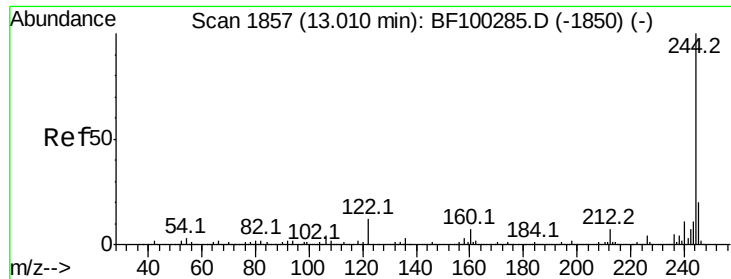


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

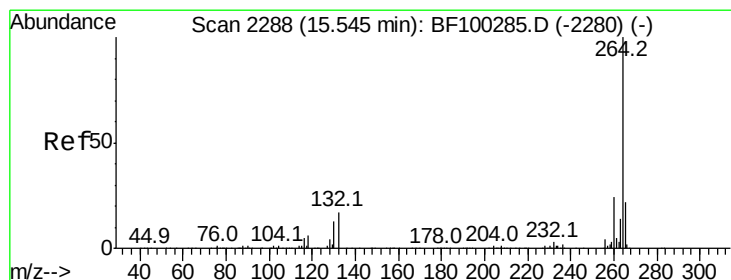
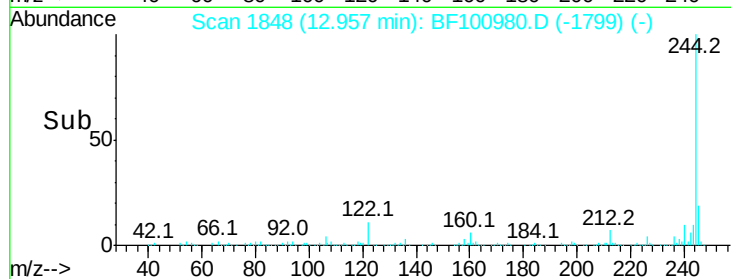
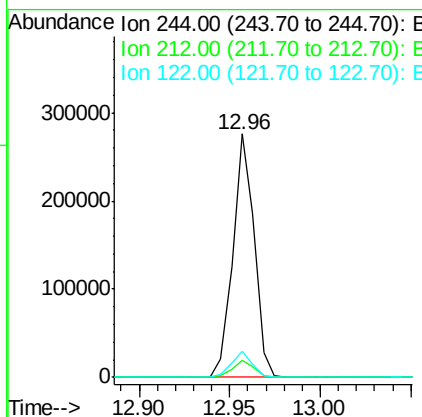
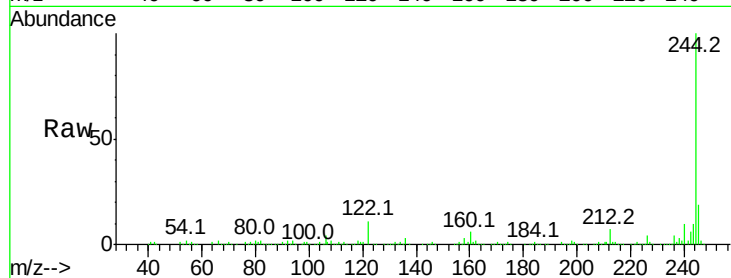




#78
 Terphenyl-d14
 Concen: 35.390 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF100980.D
 Acq: 29 Nov 2017 16:17

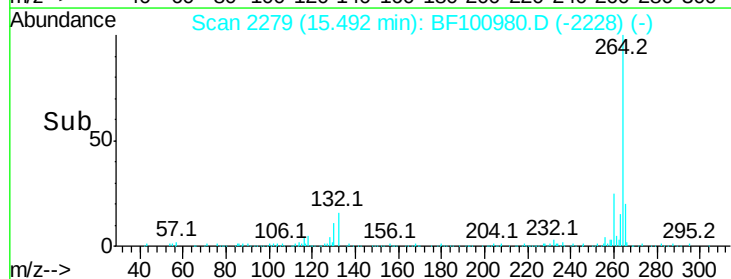
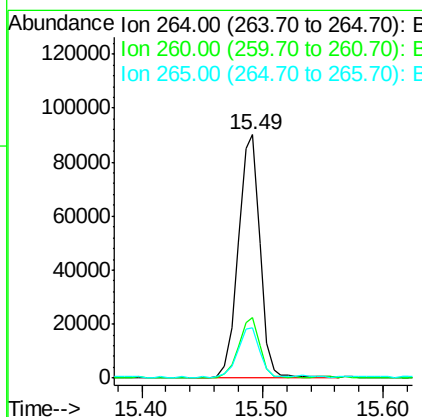
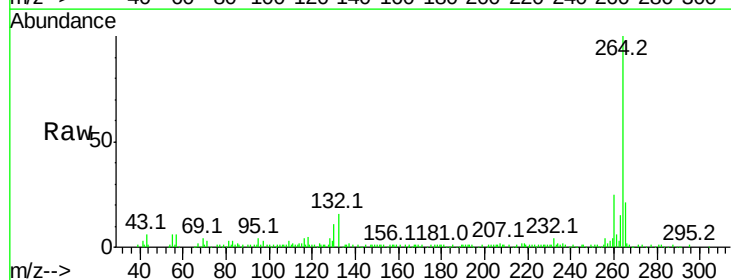
Instrument :
 BNA_F
 ClientSampleId :

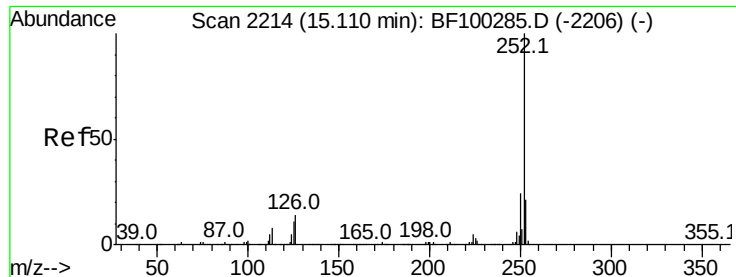
Tot Ion:244 Resp: 226374
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.7 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF100980.D
 Acq: 29 Nov 2017 16:17

Tgt Ion:264 Resp: 113489
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.2 28.8
 265 20.5 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 2.916 ng

RT: 15.06 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BF100980.D

Acq: 29 Nov 2017 16:17

Instrument :

BNA_F

ClientSampleId :

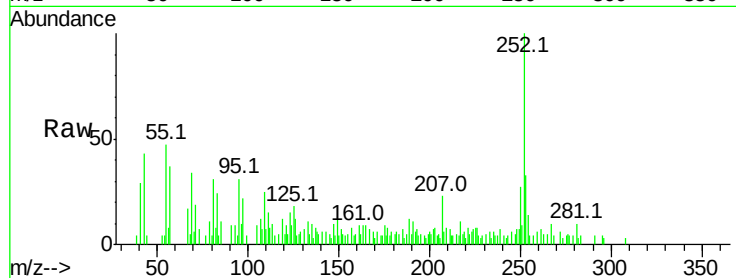
Tot Ion:252 Resp: 19606

Ion Ratio Lower Upper

252 100

253 33.0 17.0 25.6#

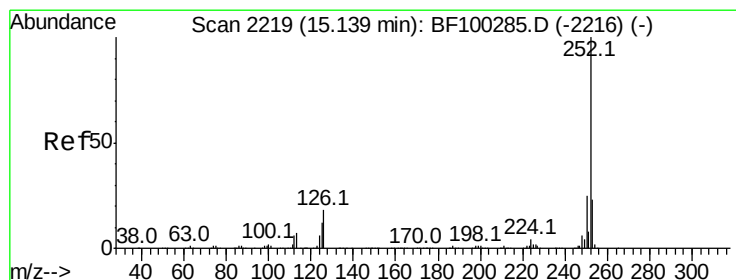
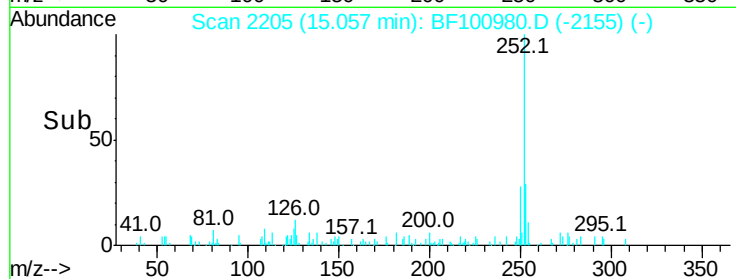
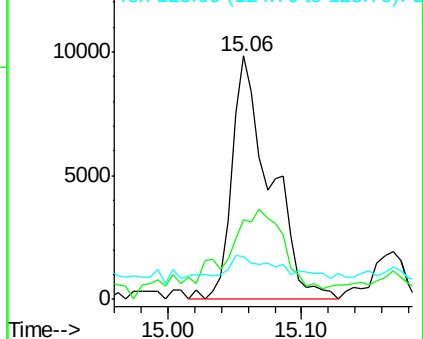
125 17.6 9.0 13.6#



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: 3.086 ng

RT: 15.06 min Scan# 2205

Delta R.T. -0.04 min

Lab File: BF100980.D

Acq: 29 Nov 2017 16:17

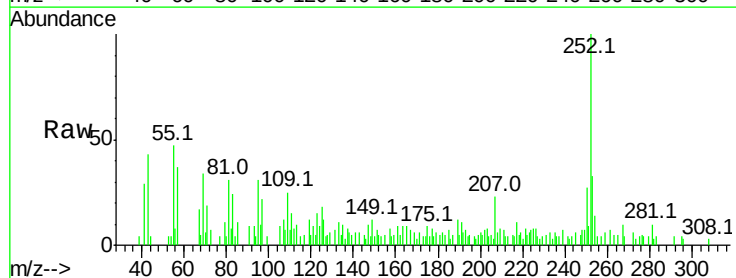
Tgt Ion:252 Resp: 19606

Ion Ratio Lower Upper

252 100

253 33.0 17.9 26.9#

125 17.6 10.2 15.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

