

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106385.D
 Acq On : 13 Jun 2018 10:38
 Operator : JU/SJ
 Sample : J3322-01DL 5X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 13 11:13:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 13 10:51:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	107011	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	380589	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	160665	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	344176	20.00	ng	0.00
75) Chrysene-d12	14.15	240	351674	20.00	ng	0.00
86) Perylene-d12	15.69	264	249000	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	146308	23.14	ng	0.00
7) Phenol-d6	6.64	99	170234	21.31	ng	0.01
23) Nitrobenzene-d5	7.53	82	98074	15.16	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	31771	20.55	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	170328	9.11	ng	0.00
78) Terphenyl-d14	13.09	244	223108	15.76	ng	0.00

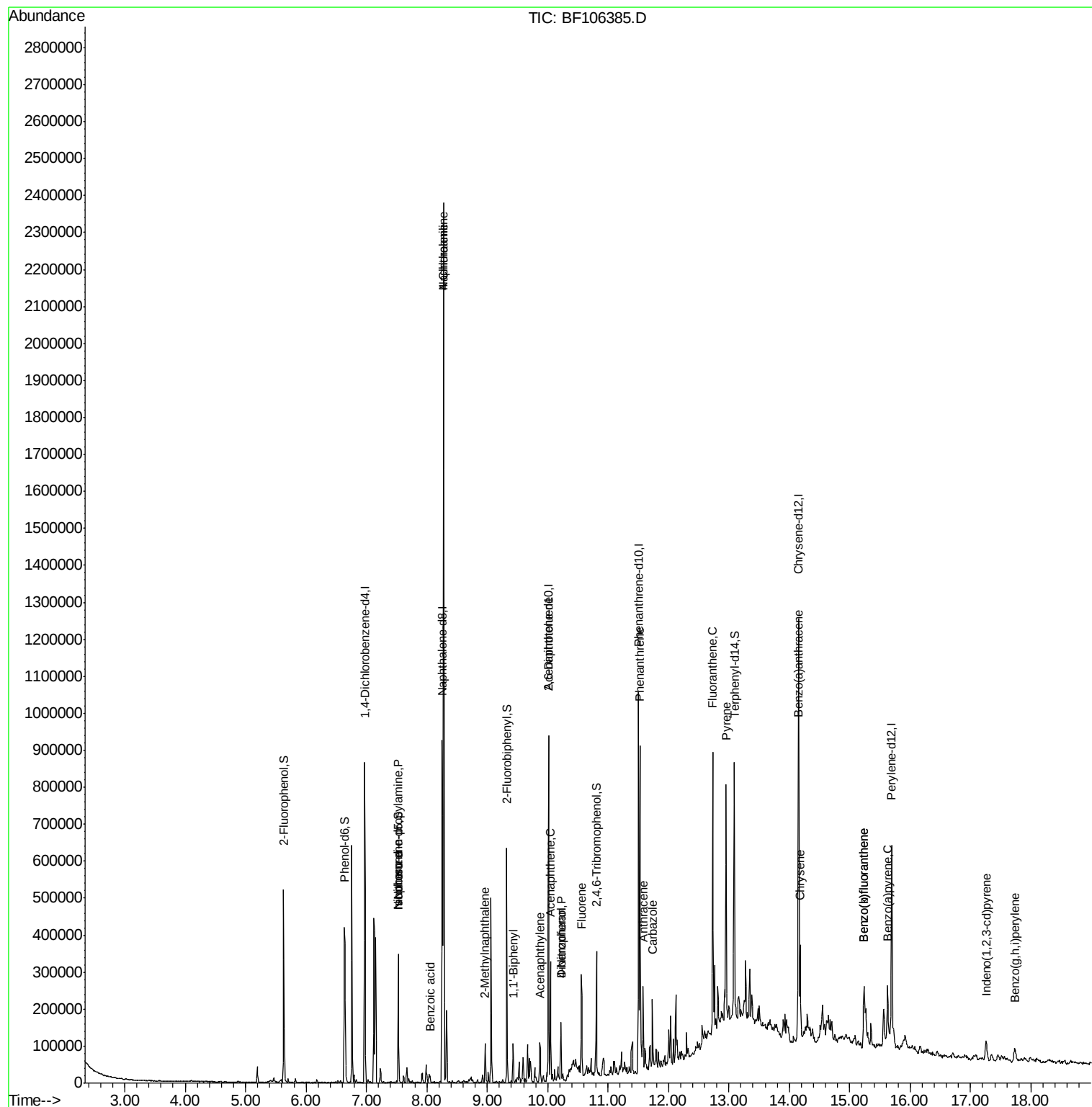
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	13072	2.181	ng	# 77
25) Isophorone	7.53	82	98072	7.761	ng	# 64
31) Naphthalene	8.28	128	952639	55.371	ng	98
32) Benzoic acid	8.05	122	2496	7.825	ng	# 21
33) 4-Chloroaniline	8.28	127	130461	17.111	ng	# 33
37) 2-Methylnaphthalene	8.97	142	23467	2.003	ng	96
45) 1,1'-Biphenyl	9.43	154	27705	2.226	ng	96
48) Acenaphthylene	9.88	152	37955	2.490	ng	96
50) 2,6-Dinitrotoluene	10.01	165	21798	9.297	ng	# 26
51) Acenaphthene	10.05	154	63792	6.480	ng	96
54) Dibenzofuran	10.22	168	52429	3.955	ng	98
55) 4-Nitrophenol	10.22	139	19718	9.244	ng	# 11
57) Fluorene	10.56	166	68752	6.546	ng	99
70) Phenanthrene	11.53	178	288816	17.135	ng	99
71) Anthracene	11.58	178	84750	5.019	ng	97
72) Carbazole	11.74	167	57809	3.708	ng	99
74) Fluoranthene	12.74	202	282452	15.713	ng	96
77) Pyrene	12.95	202	242727	11.025	ng	99
80) Benzo(a)anthracene	14.14	228	122775	5.867	ng	95
82) Chrysene	14.18	228	102681	5.374	ng	97
85) Indeno(1,2,3-cd)pyrene	17.25	276	37363	2.450	ng	# 92
87) Benzo(b)fluoranthene	15.24	252	133844	8.892	ng	96
88) Benzo(k)fluoranthene	15.24	252	133844	8.979	ng	# 97
89) Benzo(a)pyrene	15.63	252	70016	5.172	ng	97
91) Benzo(g,h,i)perylene	17.73	276	33601	3.063	ng	94

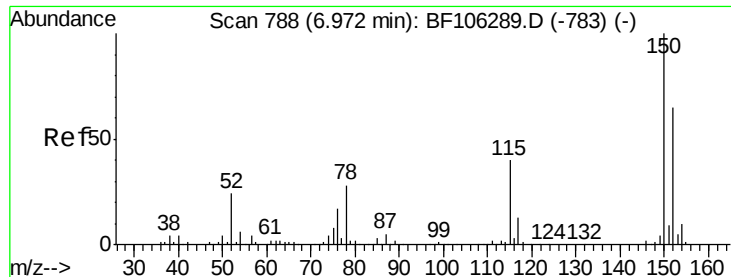
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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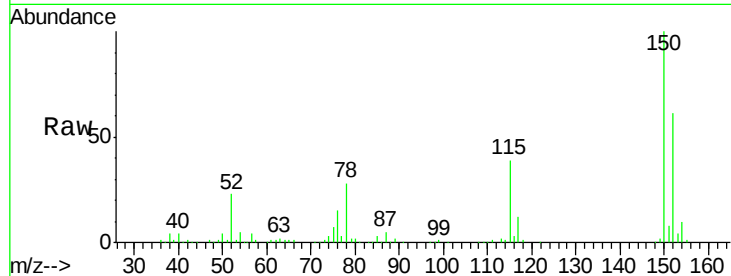


#1

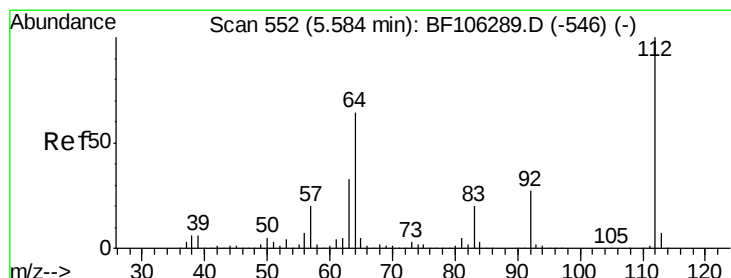
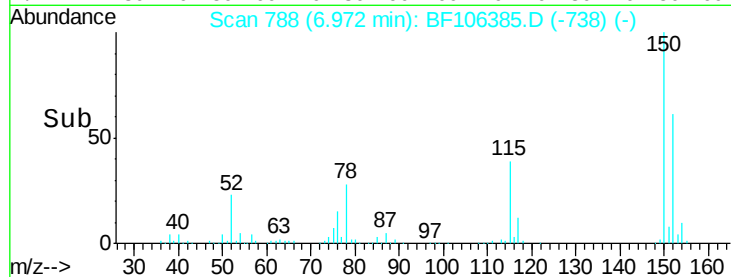
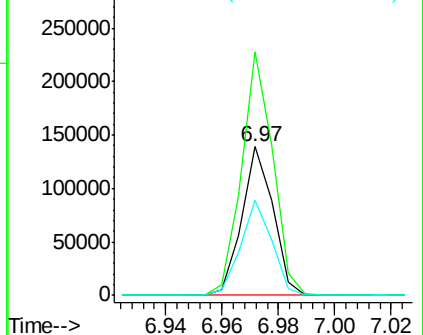
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF106385.D
Acq: 13 Jun 2018 10:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.8	124.6	186.8
115	63.6	50.1	75.1



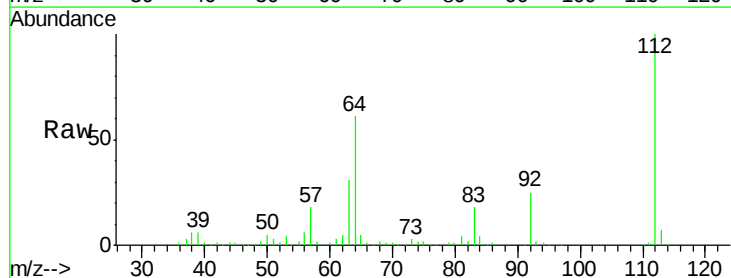
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



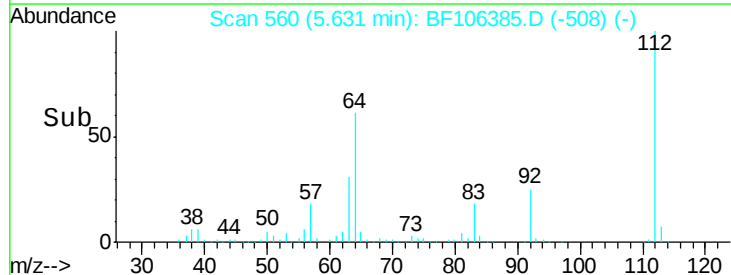
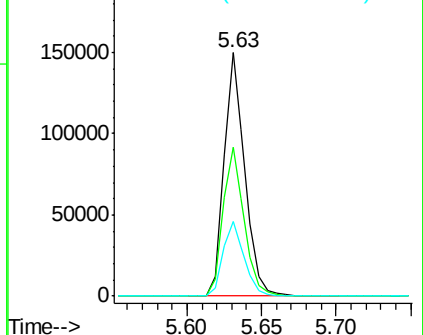
#5

2-Fluorophenol
Concen: 23.140 ng
RT: 5.63 min Scan# 560
Delta R.T. 0.01 min
Lab File: BF106385.D
Acq: 13 Jun 2018 10:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	47.9	71.9
63	30.7	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: 21.311 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF106385.D

Acq: 13 Jun 2018 10:38

Instrument :

BNA_F

ClientSampleId :

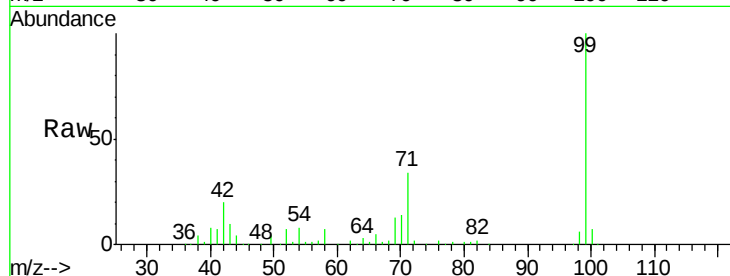
Tot Ion: 99 Resp: 170234

Ion Ratio Lower Upper

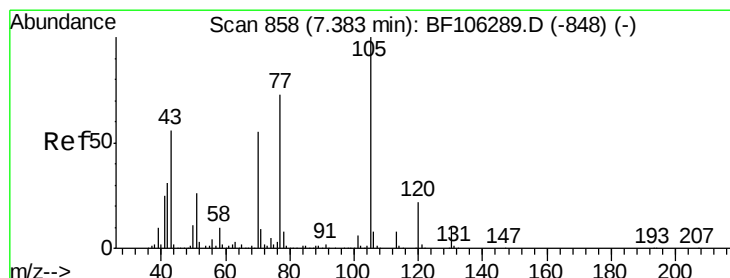
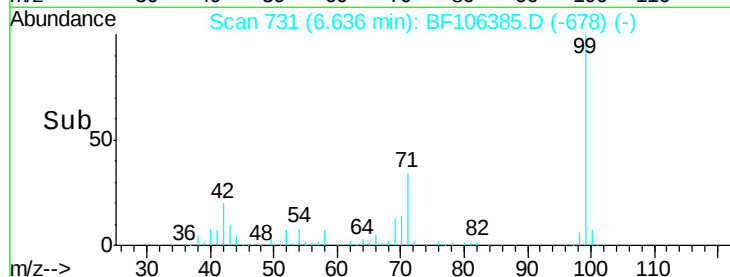
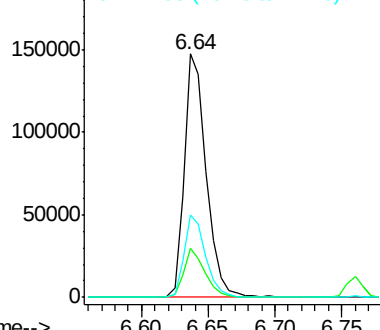
99 100

42 20.2 14.5 21.7

71 34.1 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



#19

n-Nitroso-di-n-propylamine

Concen: 2.181 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF106385.D

Acq: 13 Jun 2018 10:38

Tgt Ion: 70 Resp: 13072

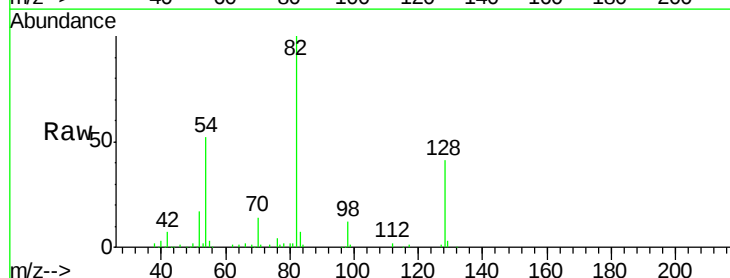
Ion Ratio Lower Upper

70 100

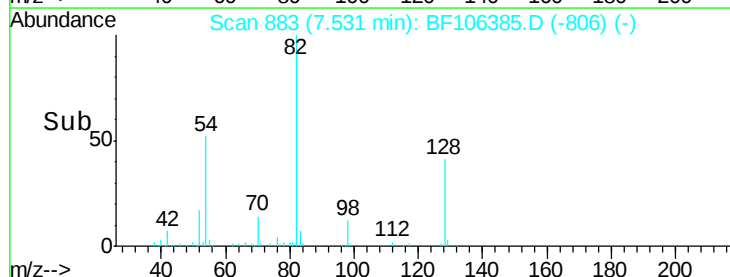
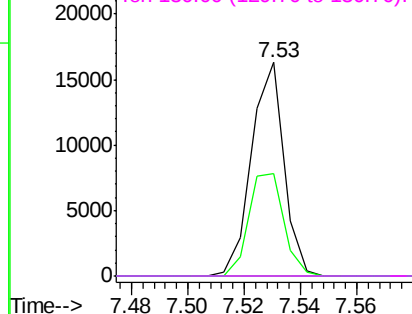
42 47.9 47.5 71.3

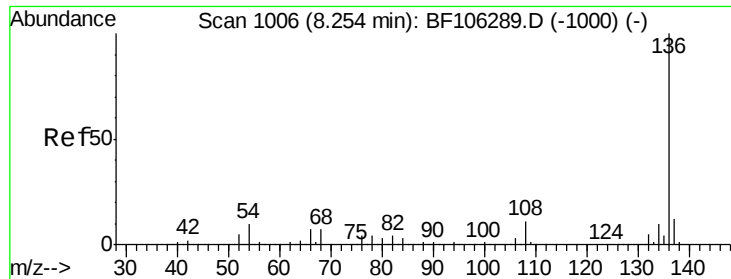
101 0.0 7.4 11.2#

130 0.0 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

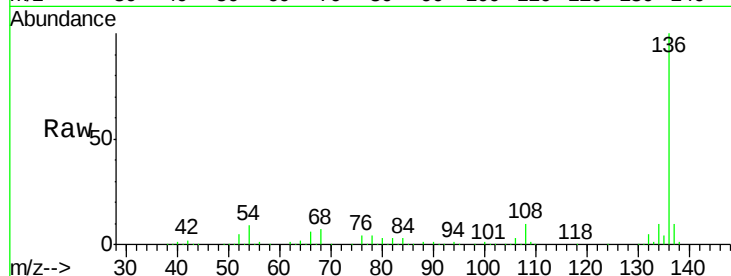




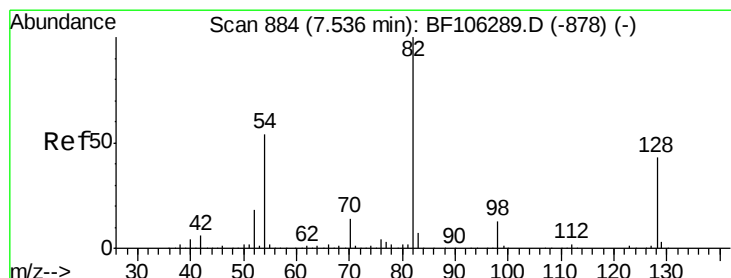
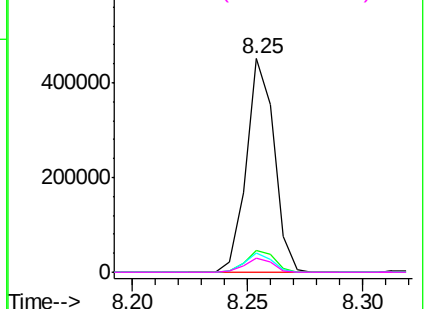
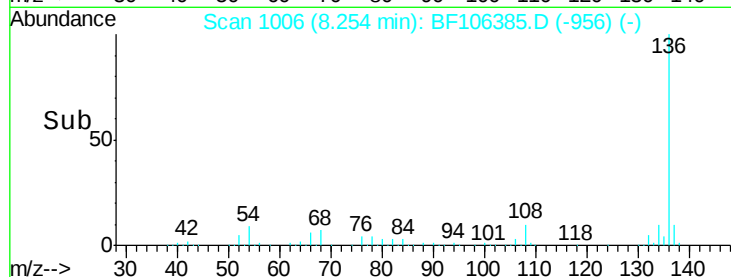
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF106385.D
Acq: 13 Jun 2018 10:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	380589
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.9 13.3
54	8.9	6.6 9.8
68	6.7	5.0 7.4

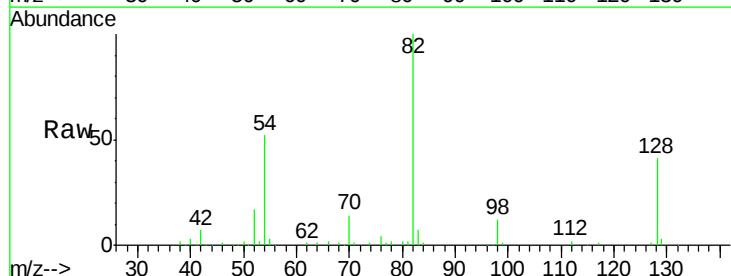


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

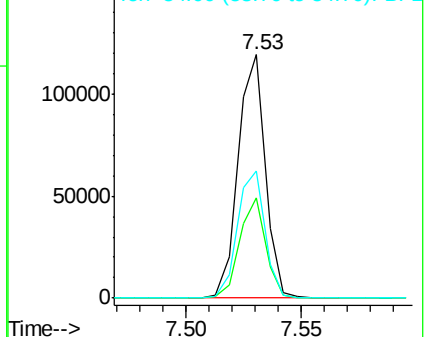
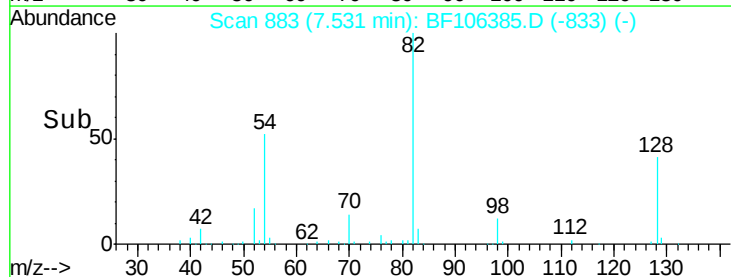


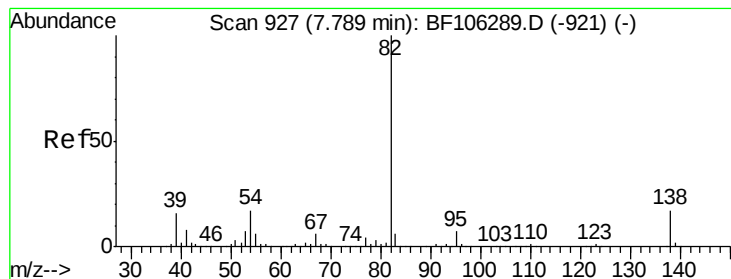
#23
Nitrobenzene-d5
Concen: 15.160 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106385.D
Acq: 13 Jun 2018 10:38

Tgt Ion: 82	Resp:	98074
Ion Ratio	Lower	Upper
82	100	
128	41.3	36.1 54.1
54	52.5	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: 7.761 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF106385.D

Acq: 13 Jun 2018 10:38

Instrument :

BNA_F

ClientSampleId :

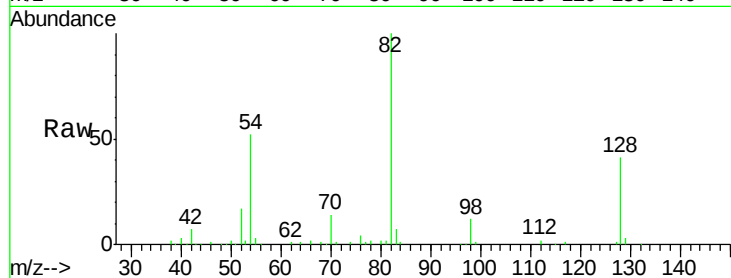
Tot Ion: 82 Resp: 98072

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

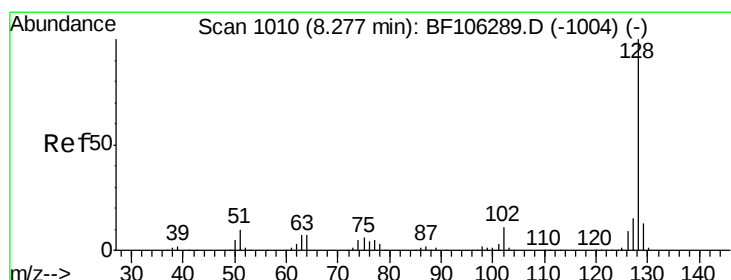
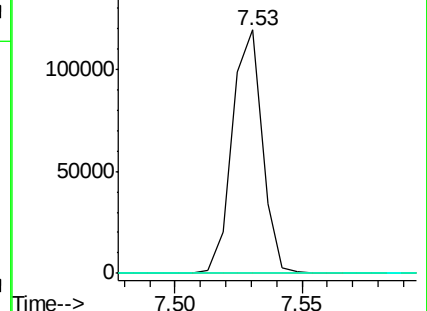
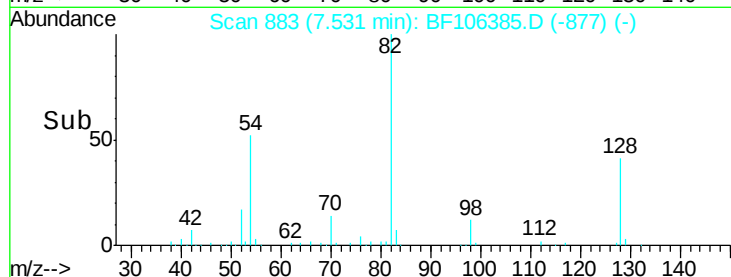
138 0.0 14.9 22.3#



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: 55.371 ng

RT: 8.28 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF106385.D

Acq: 13 Jun 2018 10:38

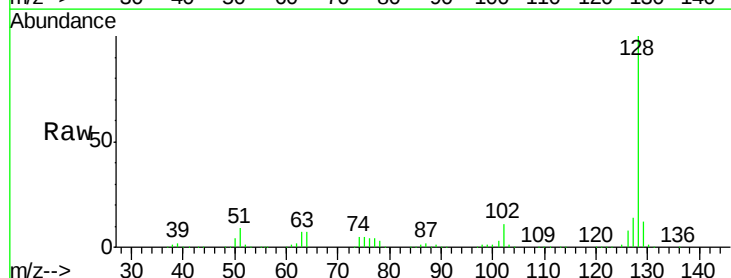
Tgt Ion: 128 Resp: 952639

Ion Ratio Lower Upper

128 100

129 11.8 8.8 13.2

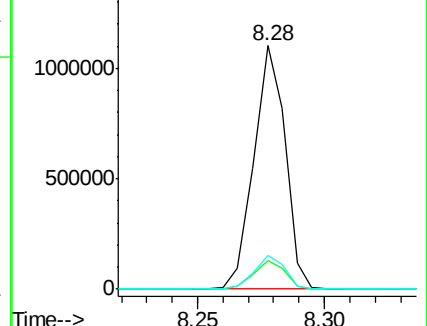
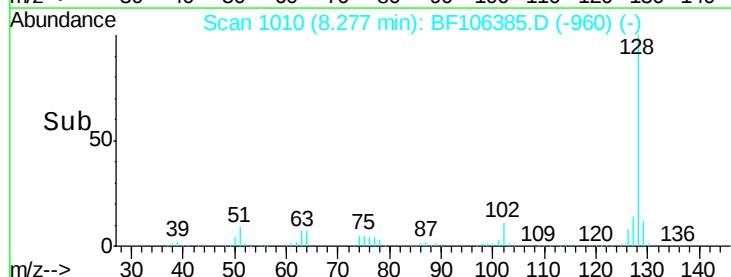
127 14.1 10.9 16.3

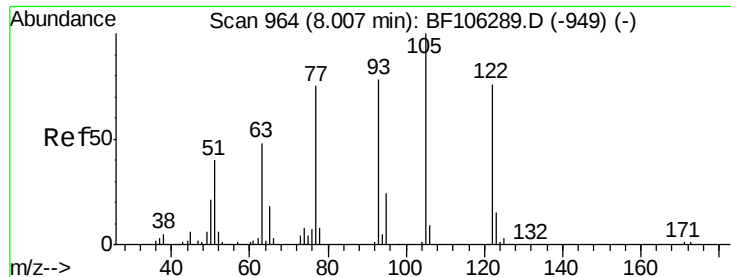


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 7.825 ng

RT: 8.05 min Scan# 972

Delta R.T. 0.05 min

Lab File: BF106385.D

Acq: 13 Jun 2018 10:38

Instrument :

BNA_F

ClientSampleId :

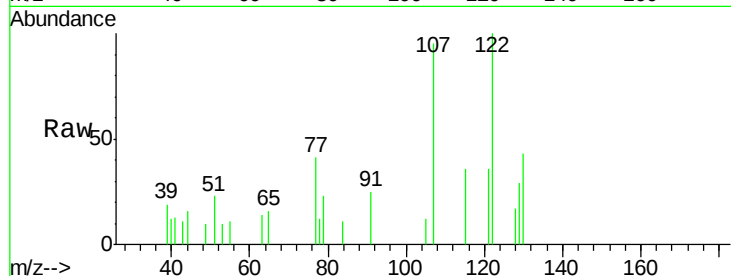
Tot Ion:122 Resp: 2496

Ion Ratio Lower Upper

122 100

105 11.8 101.1 141.1#

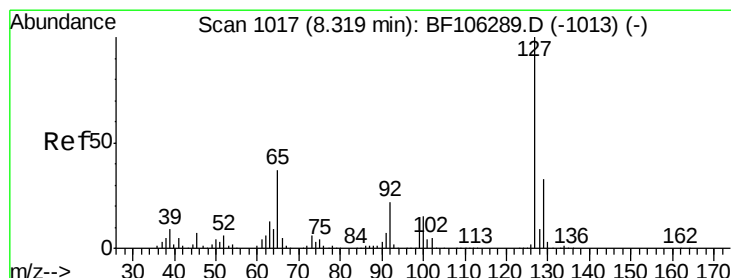
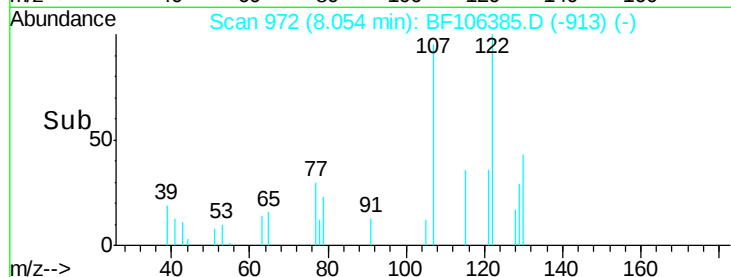
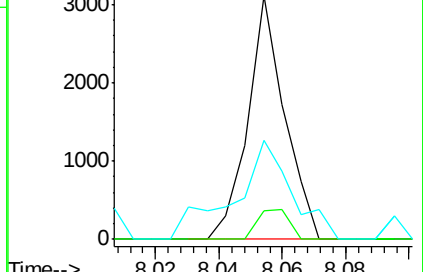
77 40.7 70.7 110.7#



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: 17.111 ng

RT: 8.28 min Scan# 1010

Delta R.T. -0.05 min

Lab File: BF106385.D

Acq: 13 Jun 2018 10:38

Tgt Ion:127 Resp: 130461

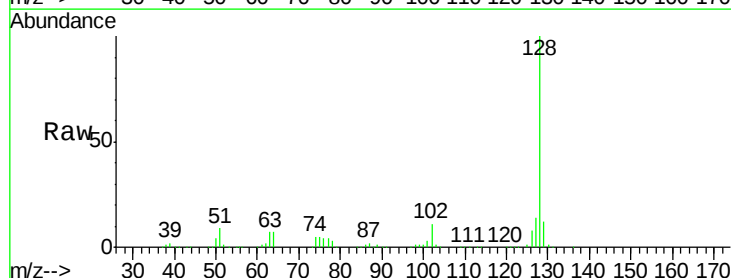
Ion Ratio Lower Upper

127 100

129 84.2 25.9 38.9#

65 0.0 25.0 37.4#

92 0.0 15.2 22.8#

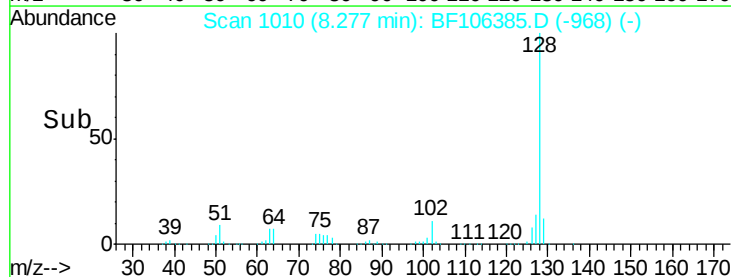
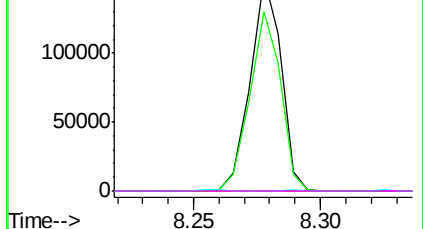


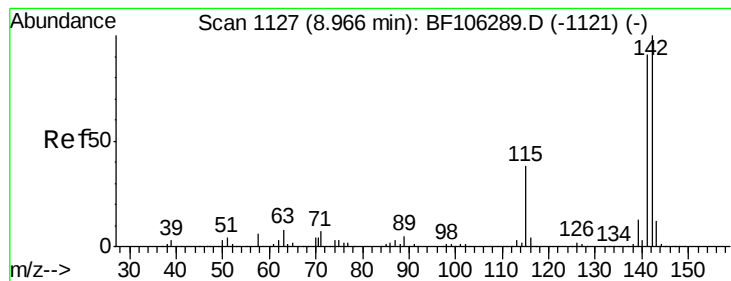
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

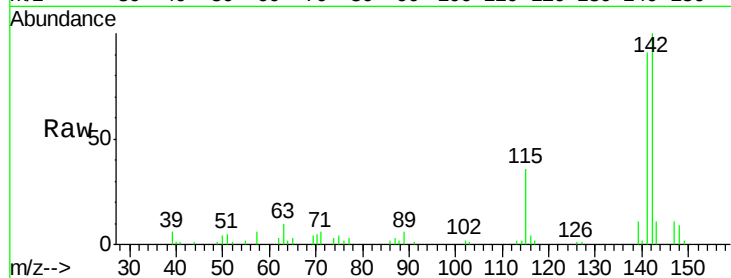




#37
 2-Methylnaphthalene
 Concen: 2.003 ng
 RT: 8.97 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BF106385.D
 Acq: 13 Jun 2018 10:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.8	106.2
115	36.5	26.1	39.1

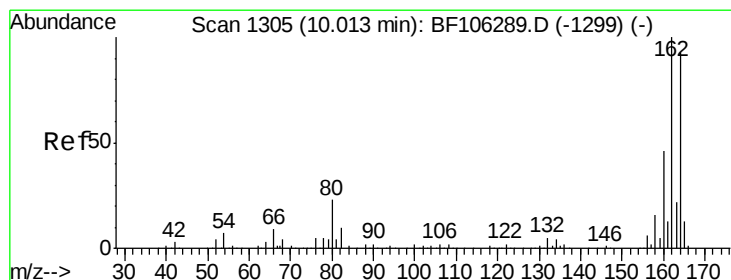
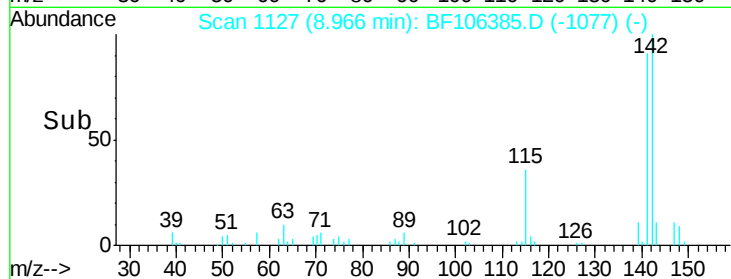
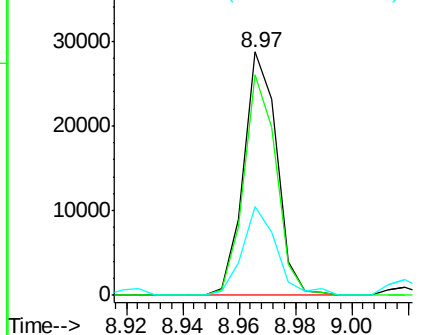


Abundance

Ion 142.00 (141.70 to 142.70): E

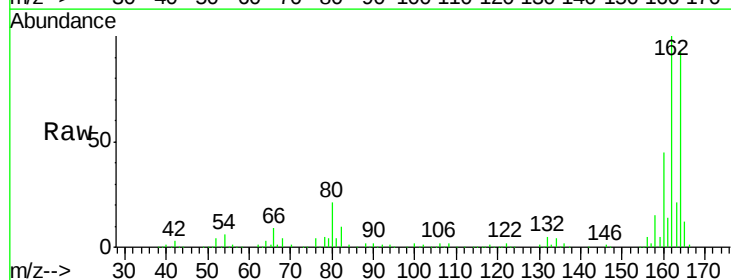
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF106385.D
 Acq: 13 Jun 2018 10:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.3	86.1	129.1
160	48.3	38.3	57.5

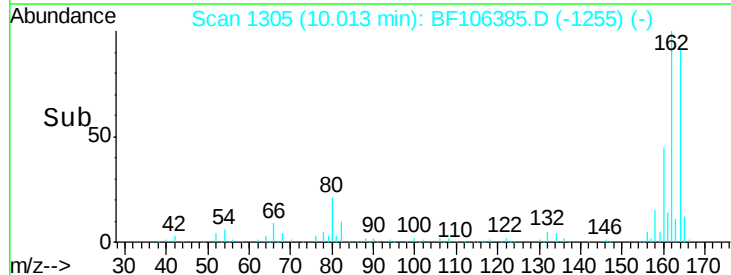
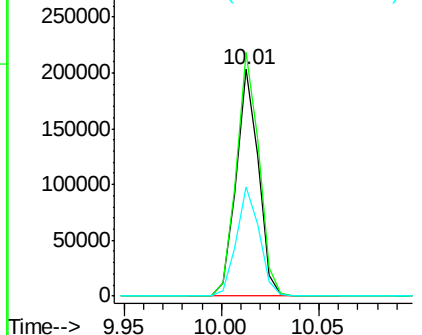


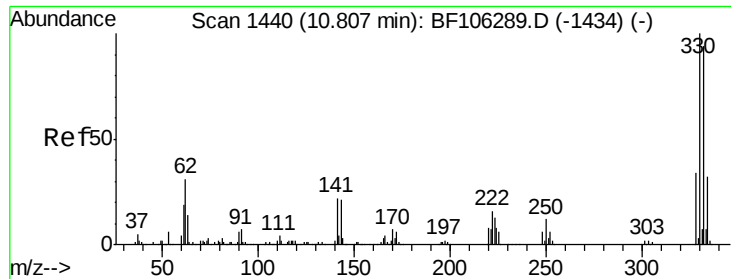
Abundance

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

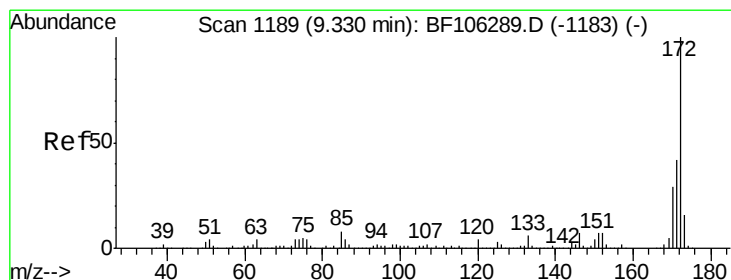
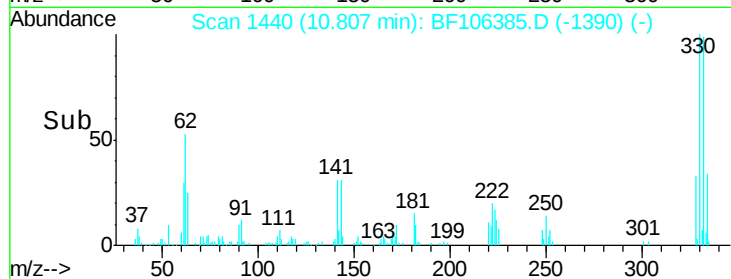
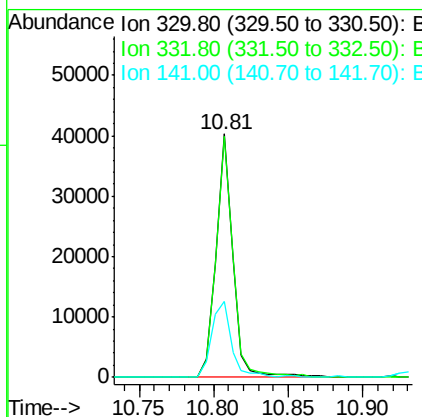
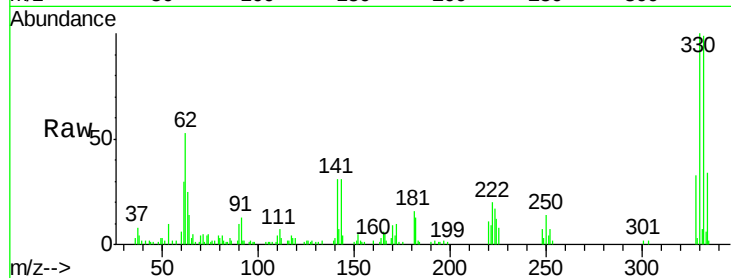




#41
 2,4,6-Tribromophenol
 Concen: 20.552 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF106385.D
 Acq: 13 Jun 2018 10:38

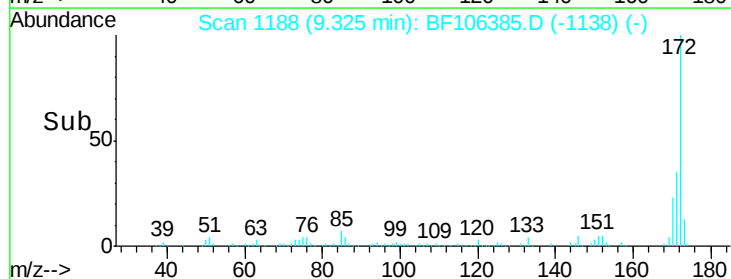
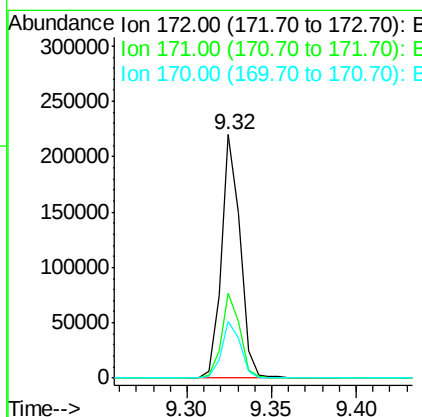
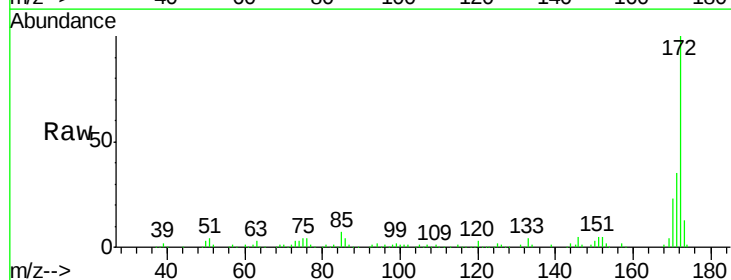
Instrument :
 BNA_F
 ClientSampleId :

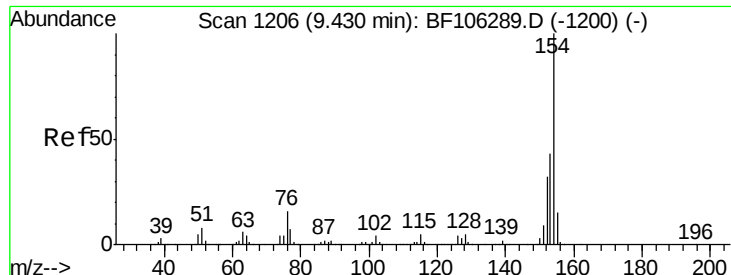
Tot Ion:330 Resp: 31771
 Ion Ratio Lower Upper
 330 100
 332 99.2 77.0 115.6
 141 36.1 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 9.115 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106385.D
 Acq: 13 Jun 2018 10:38

Tgt Ion:172 Resp: 170328
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.7 44.5
 170 23.3 19.6 29.4





#45

1,1'-Biphenyl

Concen: 2.226 ng

RT: 9.43 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF106385.D

Acq: 13 Jun 2018 10:38

Instrument :

BNA_F

ClientSampled :

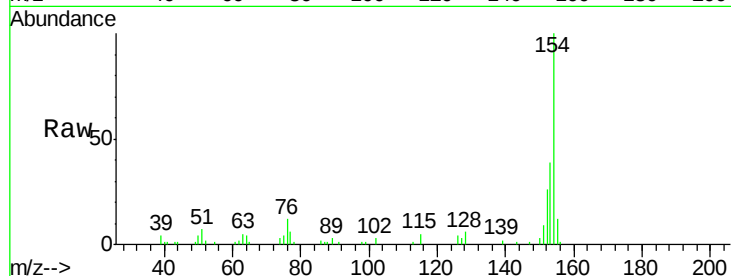
Tot Ion:154 Resp: 27705

Ion Ratio Lower Upper

154 100

153 39.0 21.3 61.3

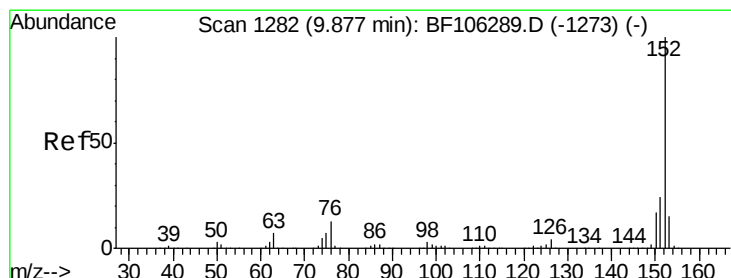
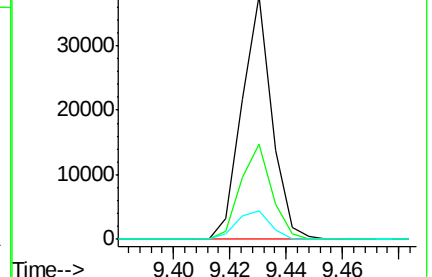
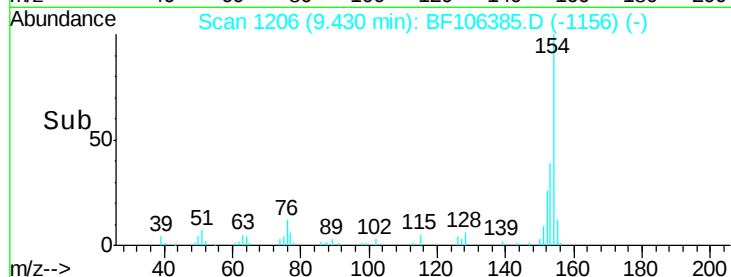
76 11.7 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#48

Acenaphthylene

Concen: 2.490 ng

RT: 9.88 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF106385.D

Acq: 13 Jun 2018 10:38

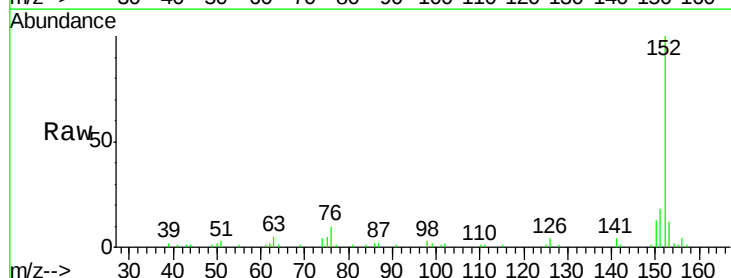
Tgt Ion:152 Resp: 37955

Ion Ratio Lower Upper

152 100

151 18.4 16.3 24.5

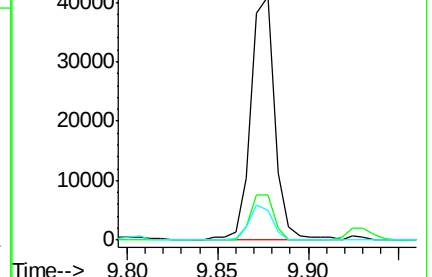
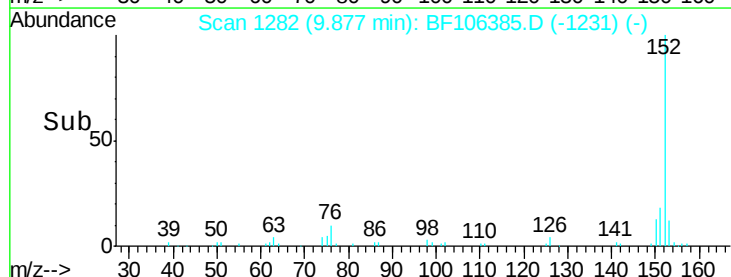
153 12.4 10.7 16.1

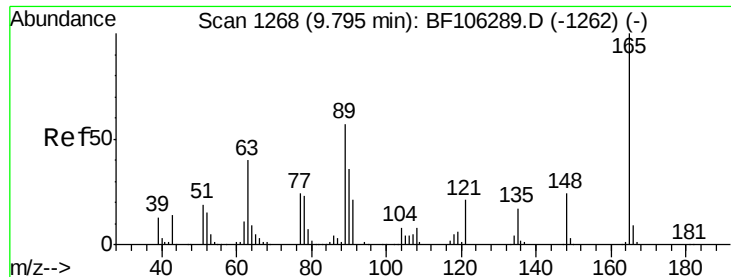


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

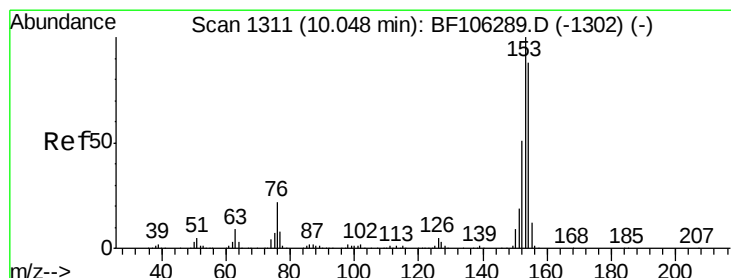
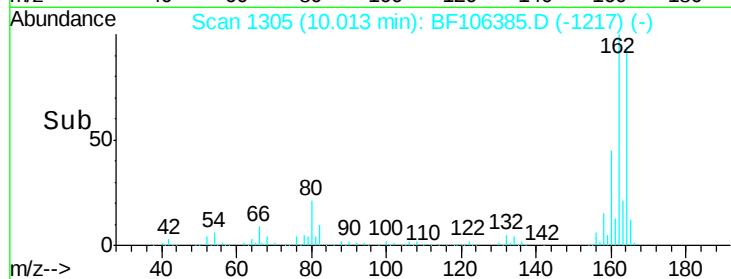
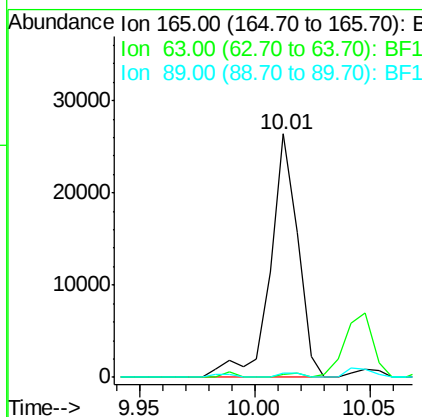
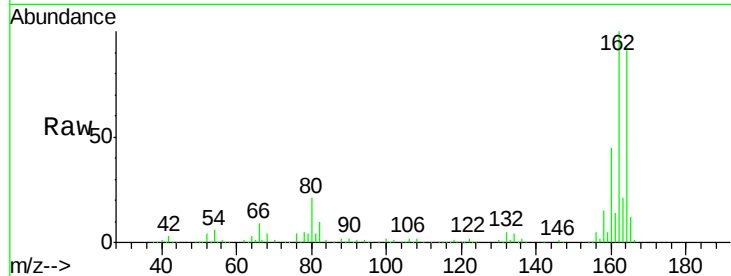




#50
 2,6-Dinitrotoluene
 Concen: 9.297 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. 0.22 min
 Lab File: BF106385.D
 Acq: 13 Jun 2018 10:38

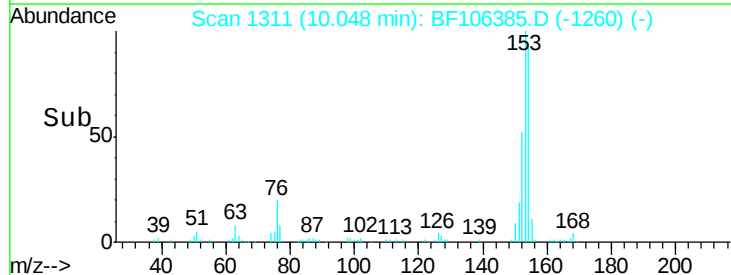
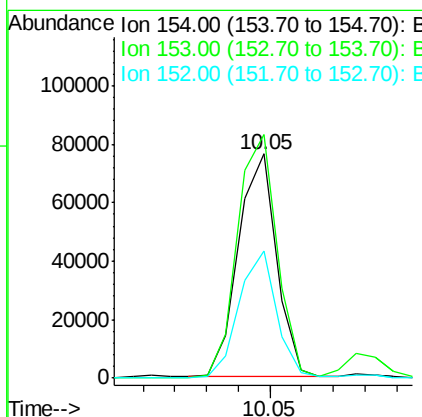
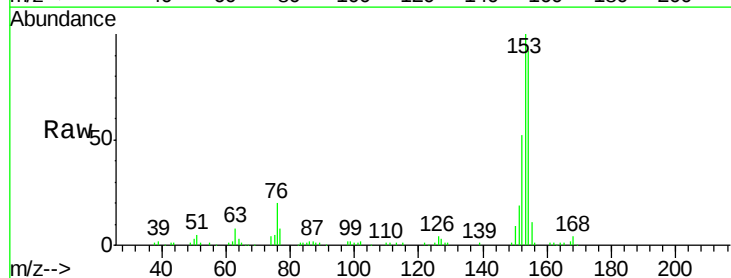
Instrument :
 BNA_F
 ClientSampleId :

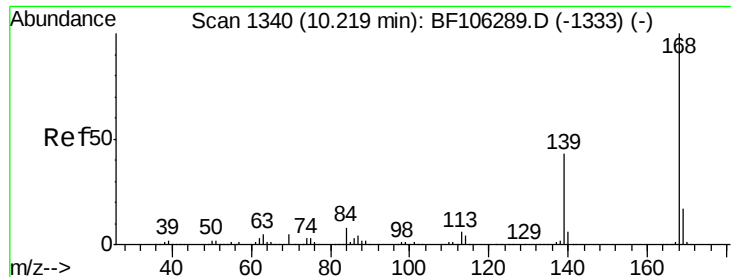
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.7	44.0	66.0#



#51
 Acenaphthene
 Concen: 6.480 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BF106385.D
 Acq: 13 Jun 2018 10:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	108.6	91.2	136.8
152	56.5	43.8	65.8

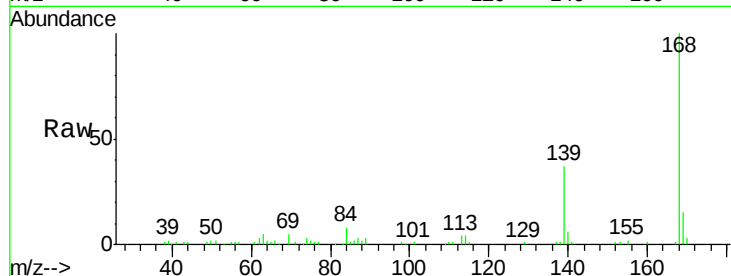




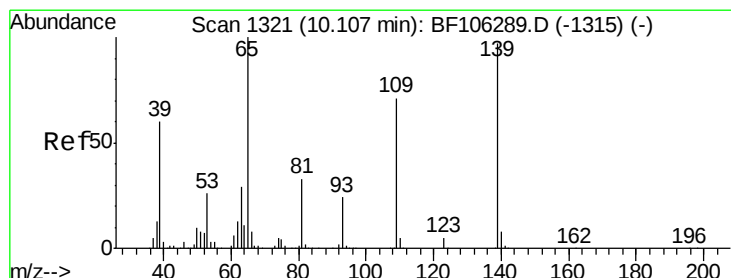
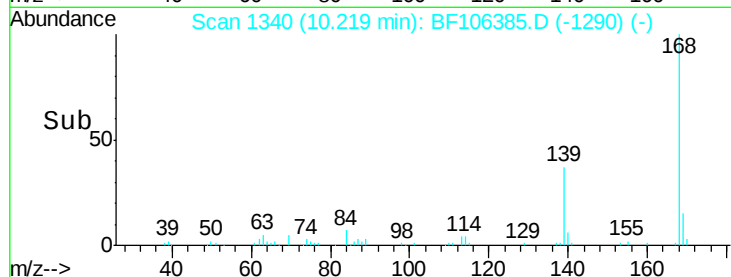
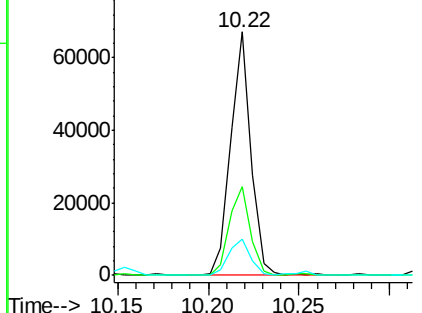
#54
Dibenzenofuran
Concen: 3.955 ng
RT: 10.22 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF106385.D
Acq: 13 Jun 2018 10:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 52429
Ion Ratio Lower Upper
168 100
139 36.6 30.1 45.1
169 14.8 10.9 16.3

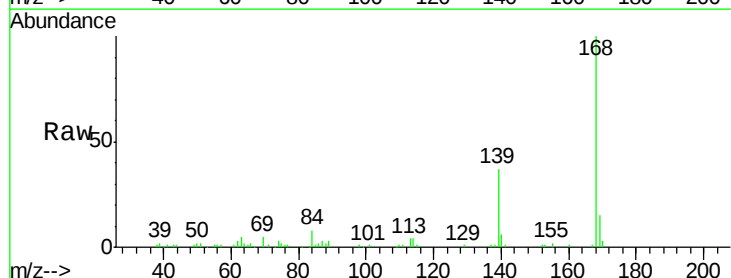


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

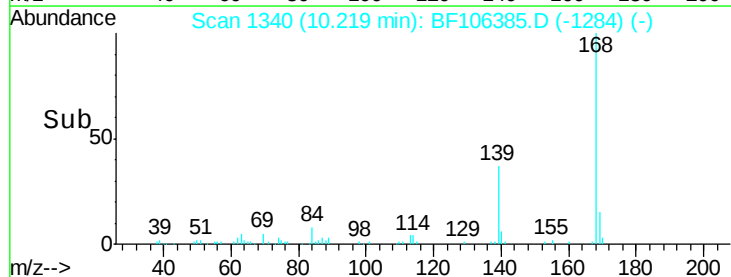
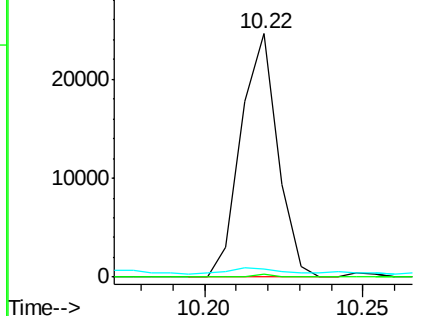


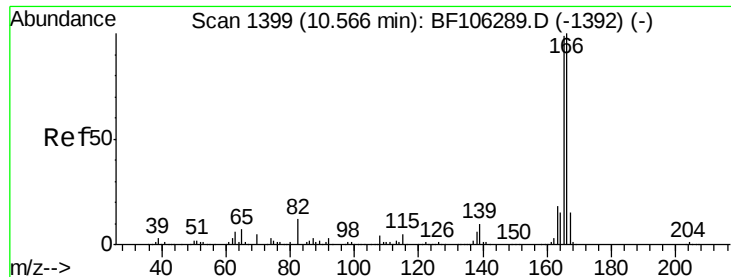
#55
4-Nitrophenol
Concen: 9.244 ng
RT: 10.22 min Scan# 1340
Delta R.T. 0.03 min
Lab File: BF106385.D
Acq: 13 Jun 2018 10:38

Tgt Ion:139 Resp: 19718
Ion Ratio Lower Upper
139 100
109 1.3 48.4 88.4#
65 3.5 72.6 112.6#



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

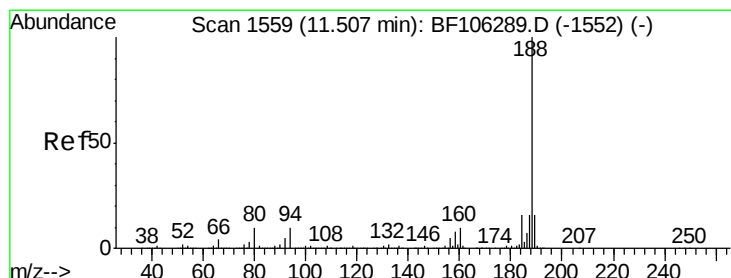
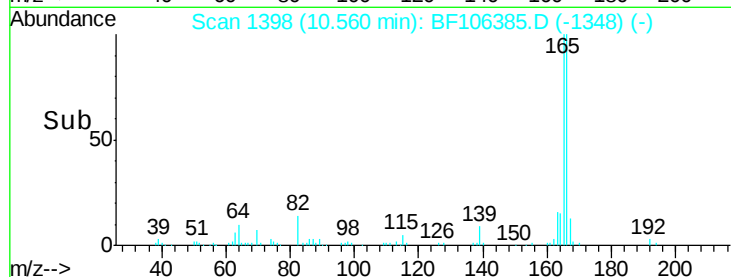
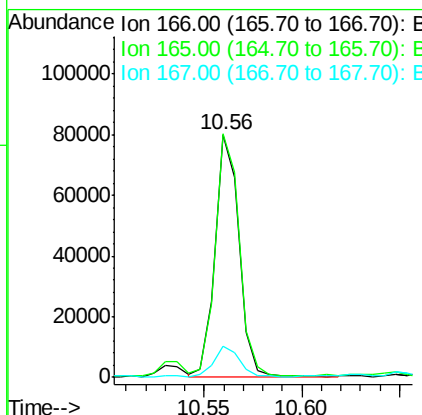
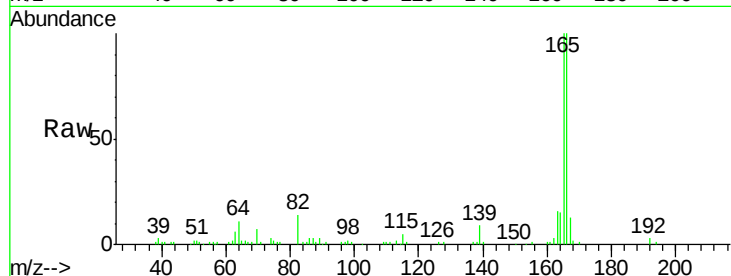




#57
 Fluorene
 Concen: 6.546 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF106385.D
 Acq: 13 Jun 2018 10:38

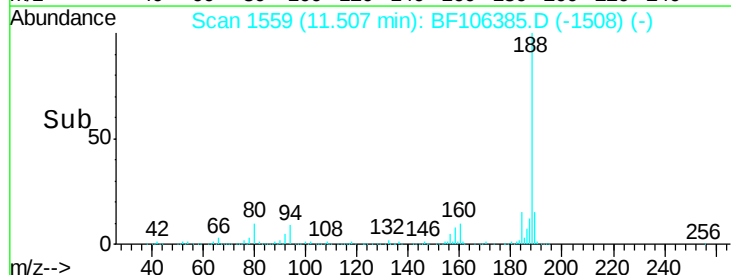
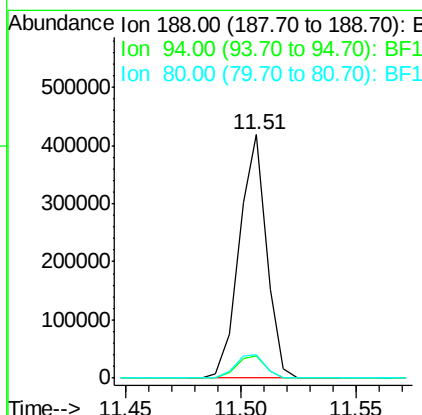
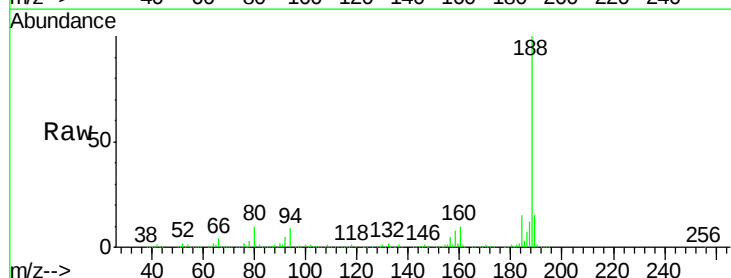
Instrument :
 BNA_F
 ClientSampled :

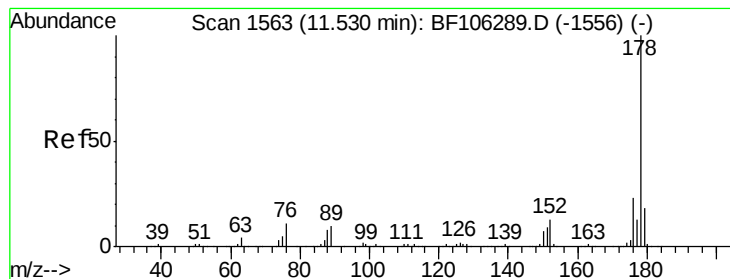
Tot Ion:166 Resp: 68752
 Ion Ratio Lower Upper
 166 100
 165 100.3 79.8 119.8
 167 12.8 10.6 16.0



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: BF106385.D
 Acq: 13 Jun 2018 10:38

Tgt Ion:188 Resp: 344176
 Ion Ratio Lower Upper
 188 100
 94 9.0 8.5 12.7
 80 9.8 9.2 13.8





#70

Phenanthrene

Concen: 17.135 ng

RT: 11.53 min Scan# 1563

Delta R.T. -0.00 min

Lab File: BF106385.D

Acq: 13 Jun 2018 10:38

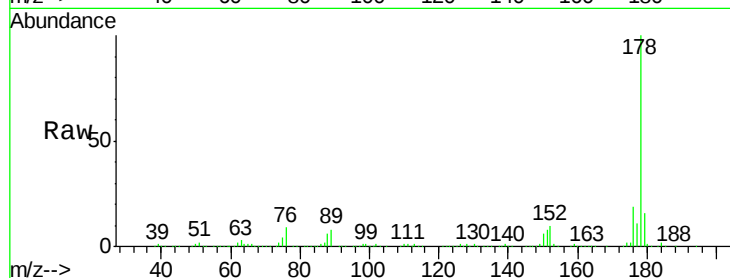
Instrument :

BNA_F

ClientSampled :

Tot Ion:178 Resp: 288816

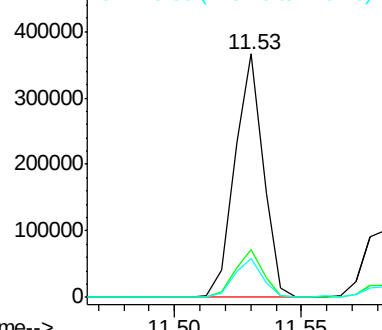
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.8	13.0	19.6



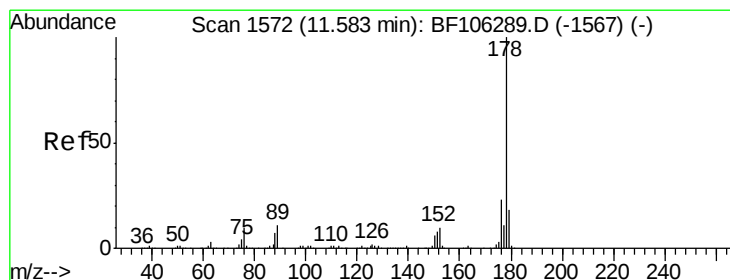
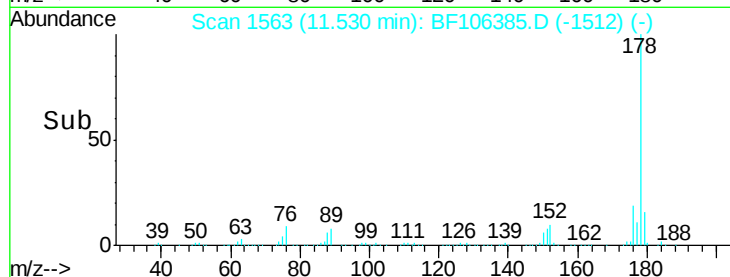
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#71

Anthracene

Concen: 5.019 ng

RT: 11.58 min Scan# 1572

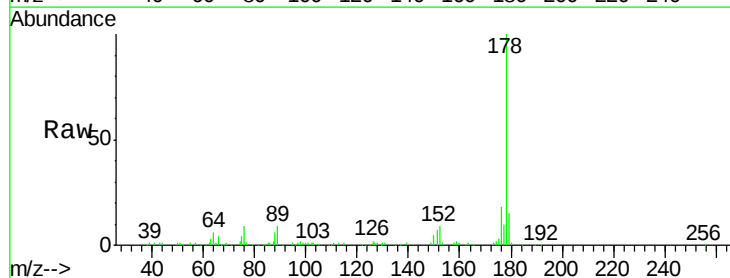
Delta R.T. -0.00 min

Lab File: BF106385.D

Acq: 13 Jun 2018 10:38

Tgt Ion:178 Resp: 84750

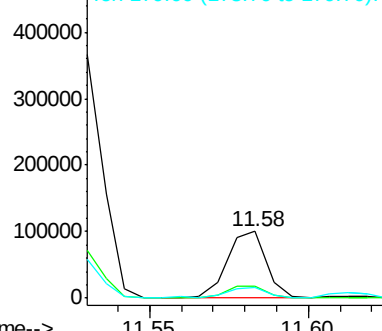
Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.4	23.2
179	15.1	12.6	19.0



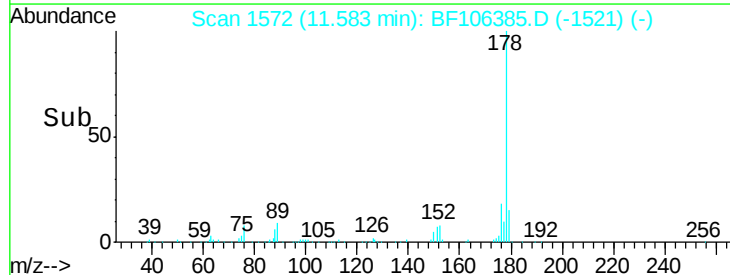
Abundance Ion 178.00 (177.70 to 178.70): E

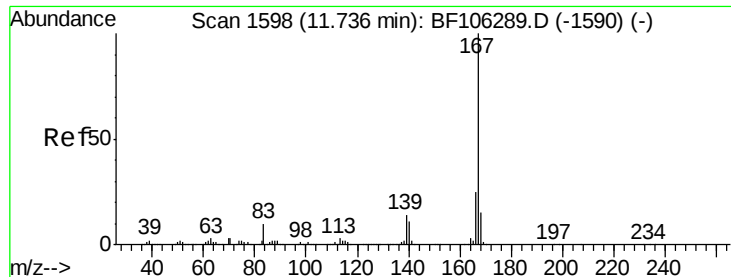
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#72

Carbazole

Concen: 3.708 ng

RT: 11.74 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF106385.D

Acq: 13 Jun 2018 10:38

Instrument :

BNA_F

ClientSampleId :

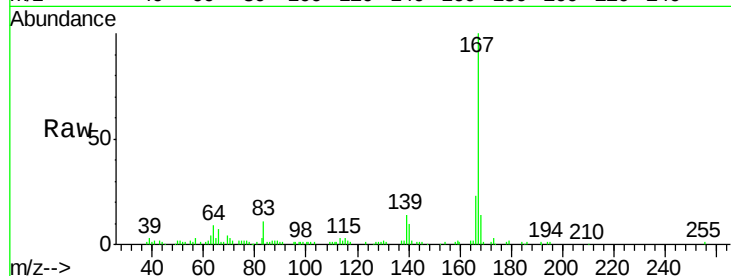
Tot Ion:167 Resp: 57809

Ion Ratio Lower Upper

167 100

166 22.5 17.6 26.4

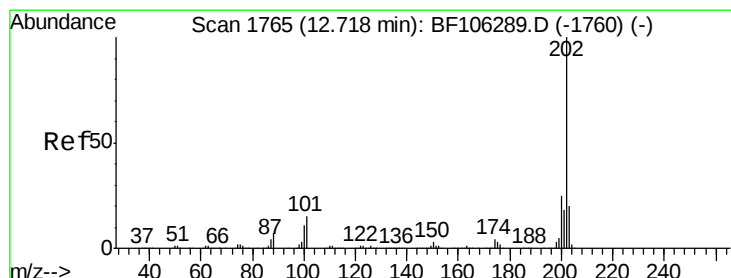
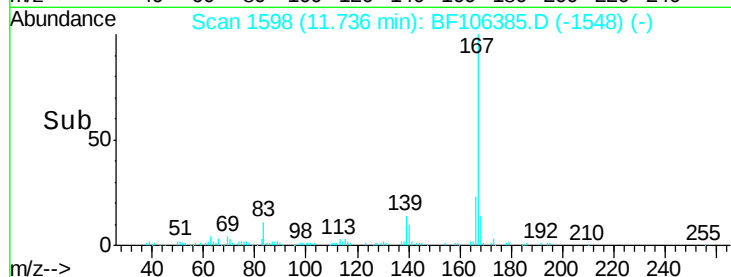
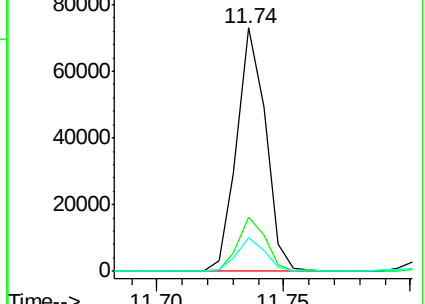
139 13.7 10.9 16.3



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: 15.713 ng

RT: 12.74 min Scan# 1768

Delta R.T. 0.01 min

Lab File: BF106385.D

Acq: 13 Jun 2018 10:38

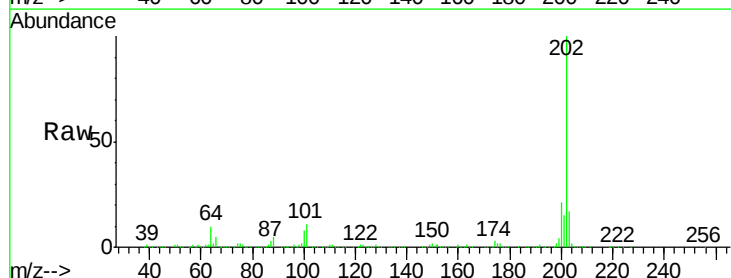
Tgt Ion:202 Resp: 282452

Ion Ratio Lower Upper

202 100

101 11.2 0.0 34.1

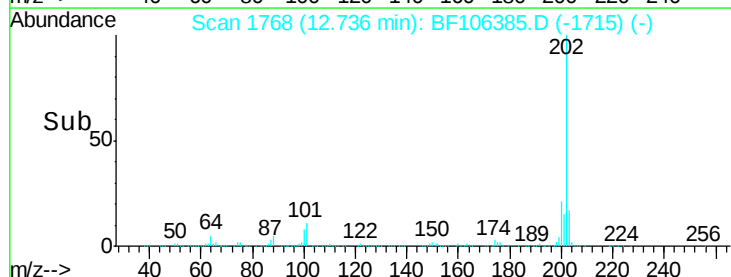
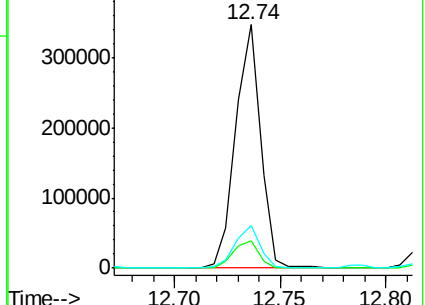
203 17.3 0.0 38.1

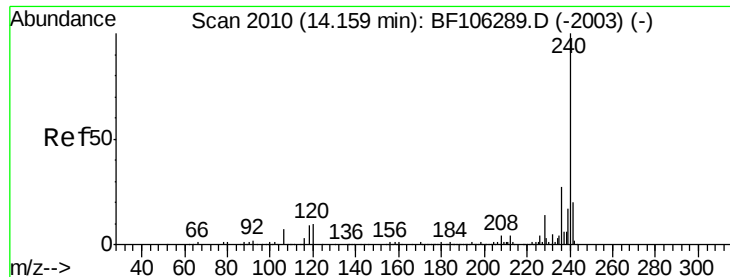


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF106385.D

Acq: 13 Jun 2018 10:38

Instrument :

BNA_F

ClientSampleId :

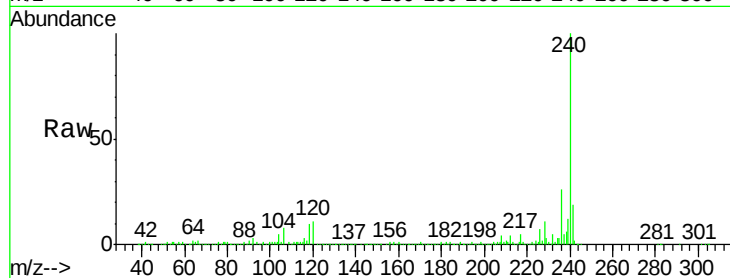
Tot Ion:240 Resp: 351674

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

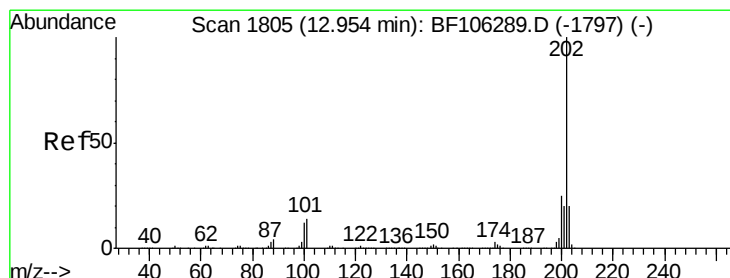
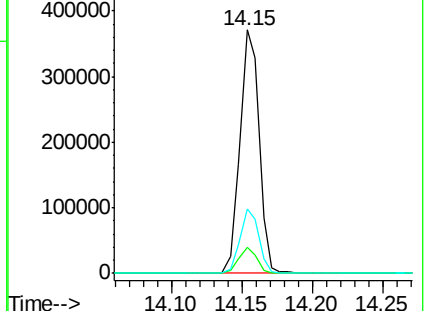
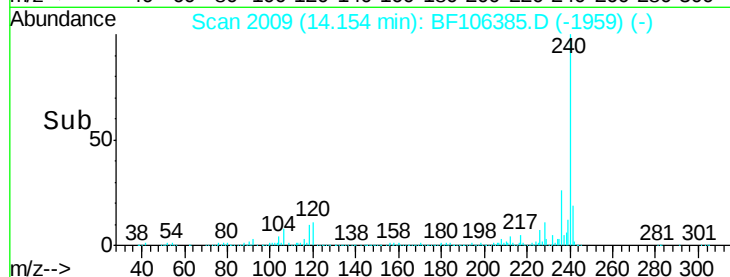
236 26.2 20.7 31.1



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: 11.025 ng

RT: 12.95 min Scan# 1805

Delta R.T. -0.00 min

Lab File: BF106385.D

Acq: 13 Jun 2018 10:38

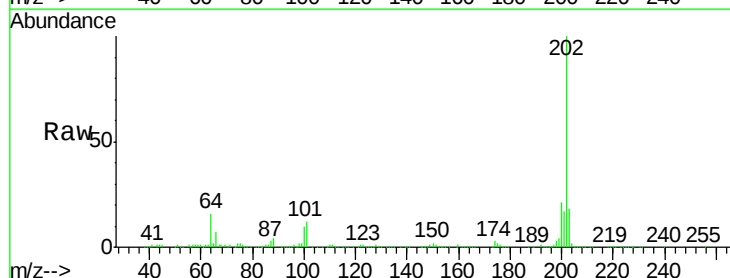
Tgt Ion:202 Resp: 242727

Ion Ratio Lower Upper

202 100

200 20.9 17.4 26.2

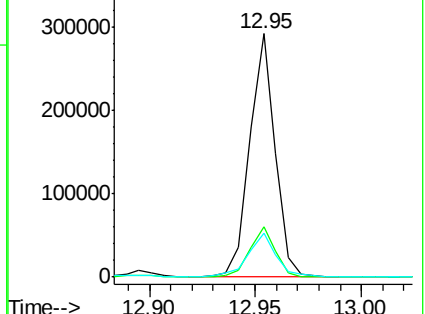
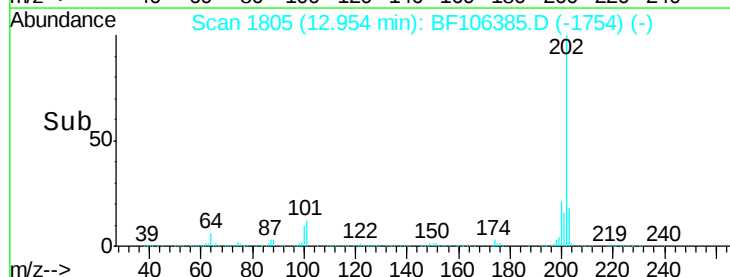
203 18.1 14.3 21.5

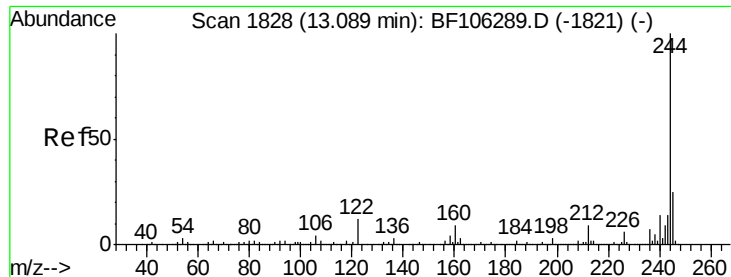


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

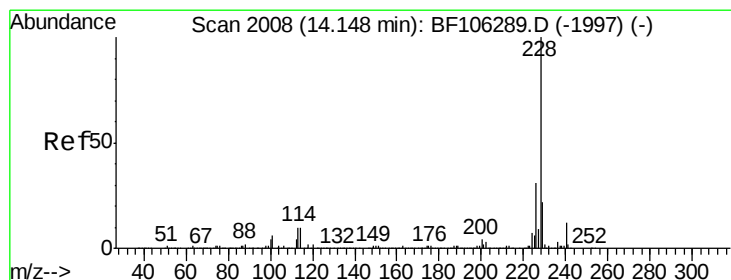
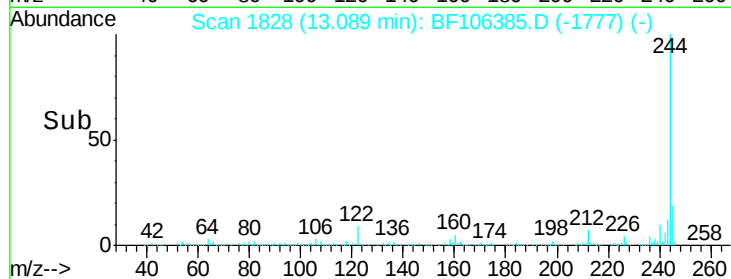
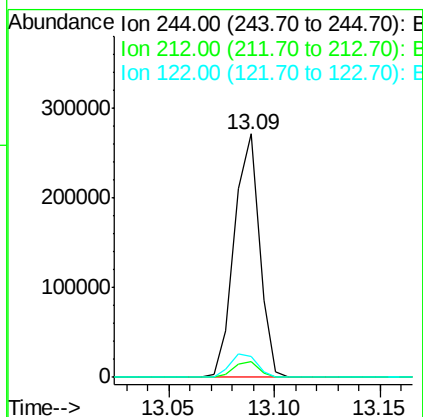
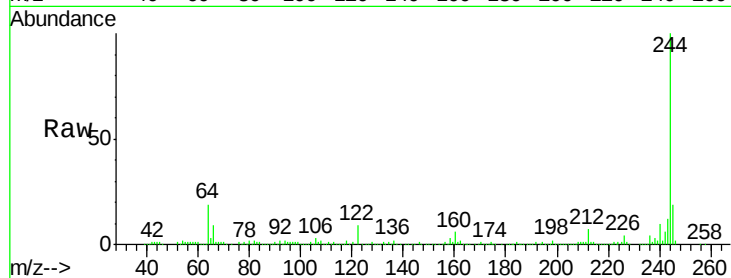




#78
 Terphenyl-d14
 Concen: 15.758 ng
 RT: 13.09 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BF106385.D
 Acq: 13 Jun 2018 10:38

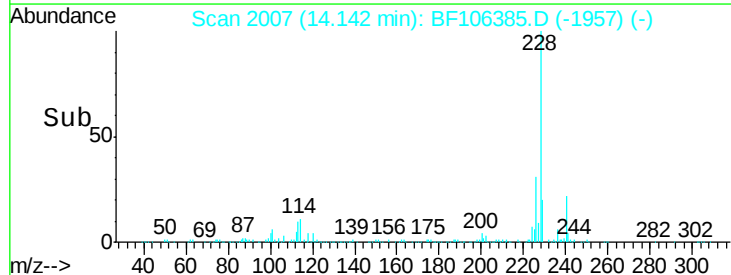
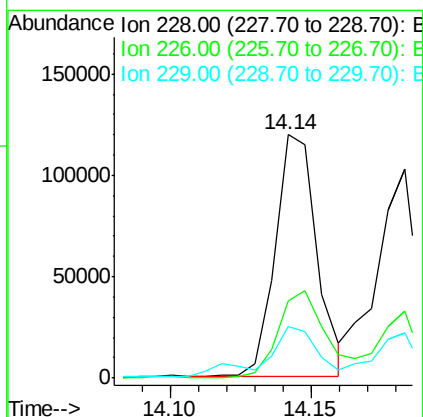
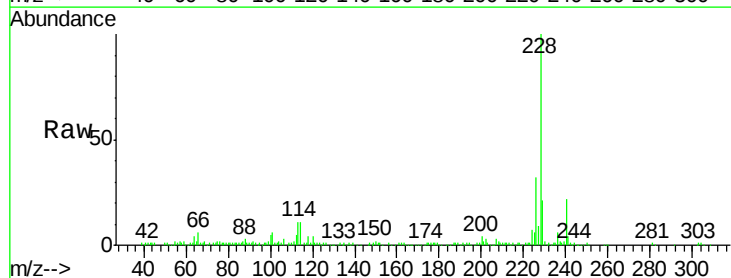
Instrument :
 BNA_F
 ClientSampleId :

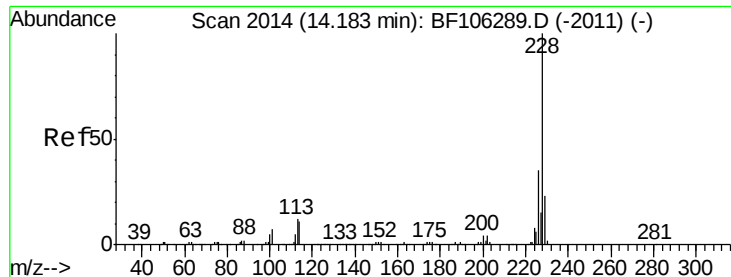
Tot Ion:244 Resp: 223108
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 8.6 11.0 16.4#



#80
 Benzo(a)anthracene
 Concen: 5.867 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF106385.D
 Acq: 13 Jun 2018 10:38

Tgt Ion:228 Resp: 122775
 Ion Ratio Lower Upper
 228 100
 226 31.6 22.6 33.8
 229 21.1 15.8 23.6

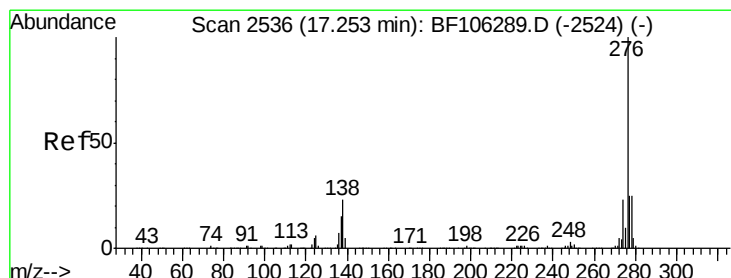
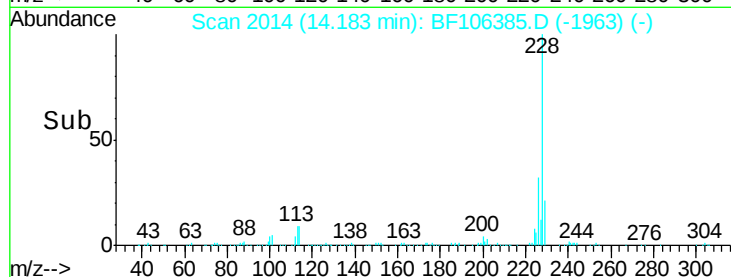
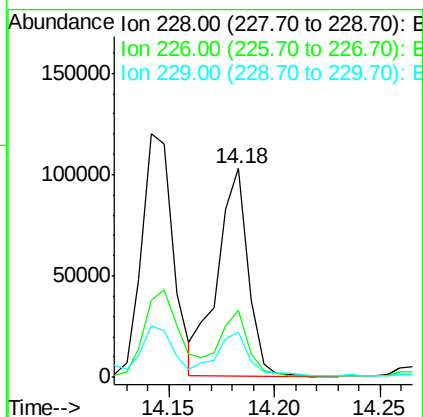
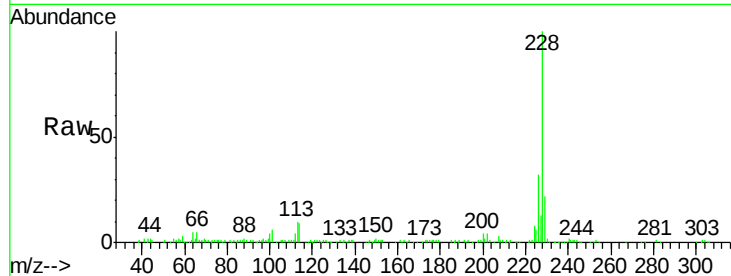




#82
Chrysene
Concen: 5.374 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BF106385.D
Acq: 13 Jun 2018 10:38

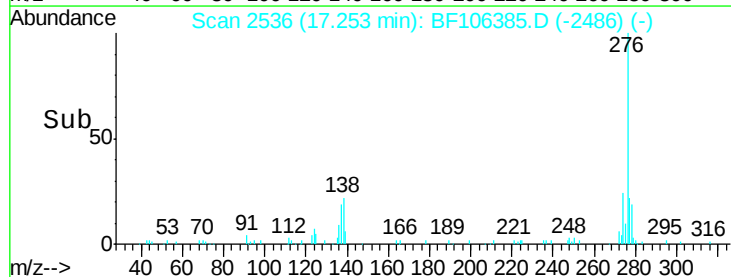
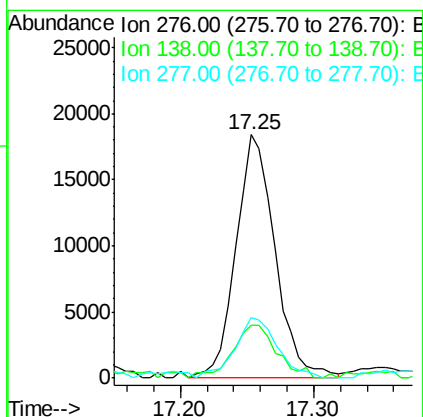
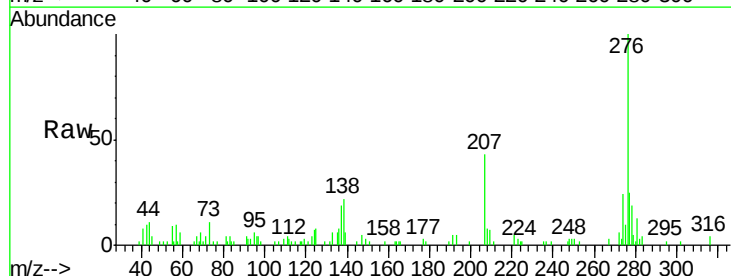
Instrument :
BNA_F
ClientSampleId :

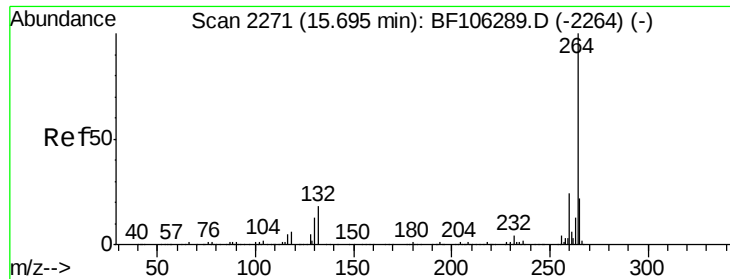
Tot Ion:228 Resp: 102681
Ion Ratio Lower Upper
228 100
226 32.3 25.0 37.6
229 21.9 16.2 24.4



#85
Indeno(1,2,3-cd)pyrene
Concen: 2.450 ng
RT: 17.25 min Scan# 2536
Delta R.T. -0.01 min
Lab File: BF106385.D
Acq: 13 Jun 2018 10:38

Tgt Ion:276 Resp: 37363
Ion Ratio Lower Upper
276 100
138 24.6 25.0 37.6#
277 27.0 20.1 30.1

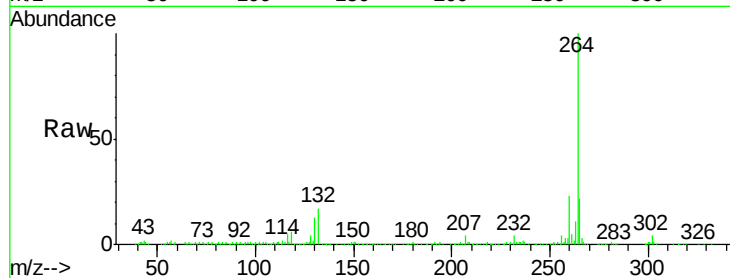




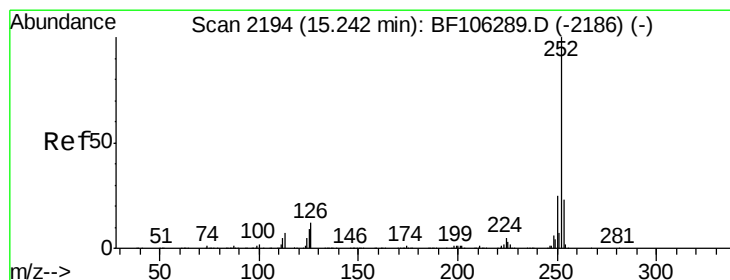
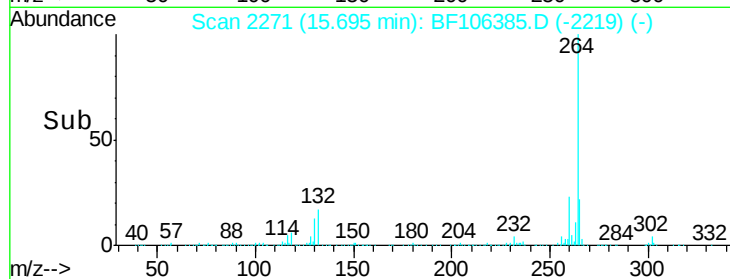
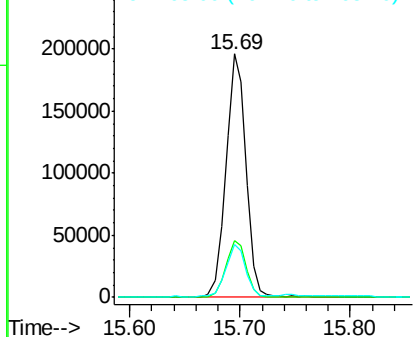
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF106385.D
Acq: 13 Jun 2018 10:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 249000
Ion Ratio Lower Upper
264 100
260 23.2 19.2 28.8
265 21.7 17.5 26.3

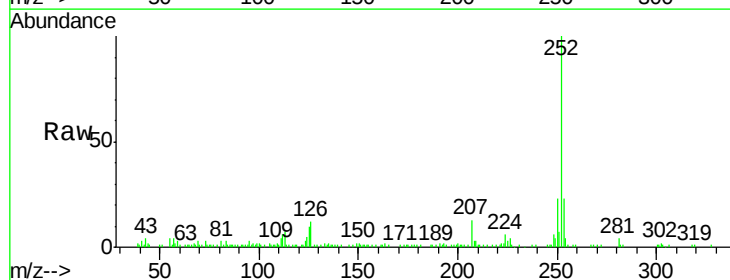


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

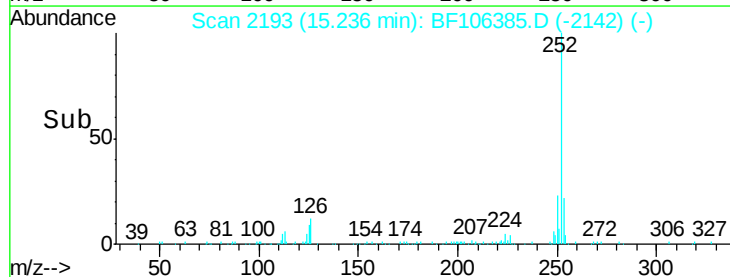
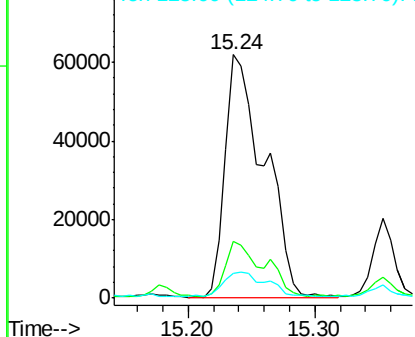


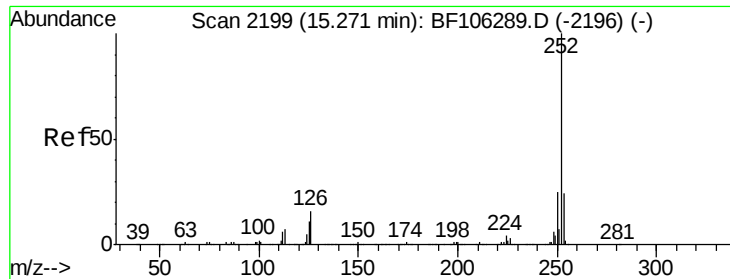
#87
Benzo(b)fluoranthene
Concen: 8.892 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BF106385.D
Acq: 13 Jun 2018 10:38

Tgt Ion:252 Resp: 133844
Ion Ratio Lower Upper
252 100
253 23.1 17.0 25.6
125 10.1 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

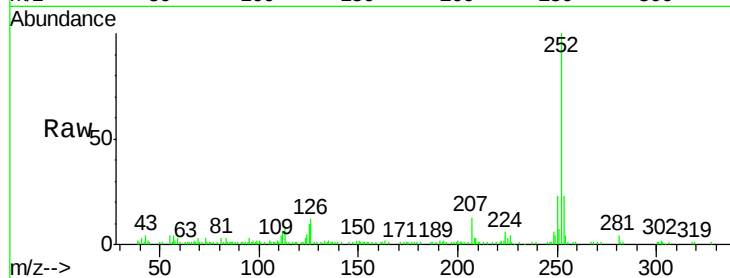




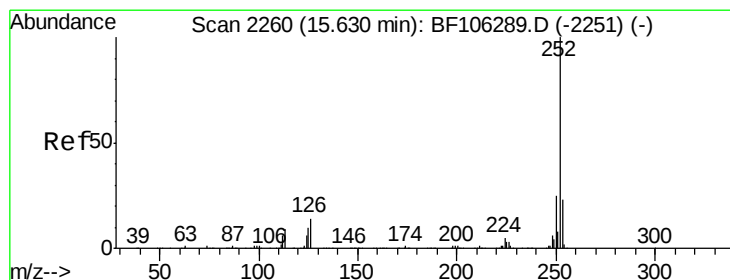
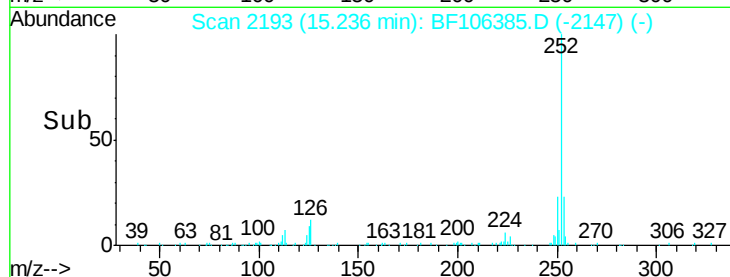
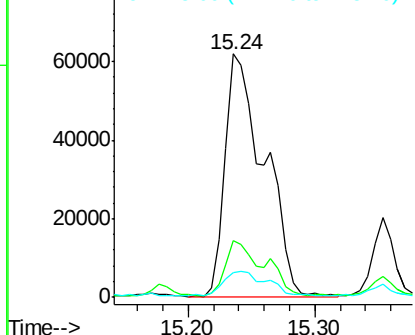
#88
Benzo(k)fluoranthene
Concen: 8.979 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.03 min
Lab File: BF106385.D
Acq: 13 Jun 2018 10:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 133844
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 10.1 10.2 15.2#

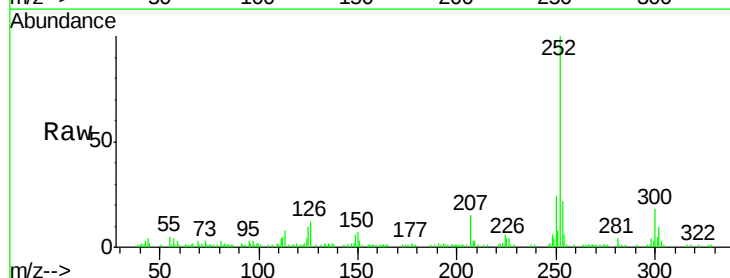


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

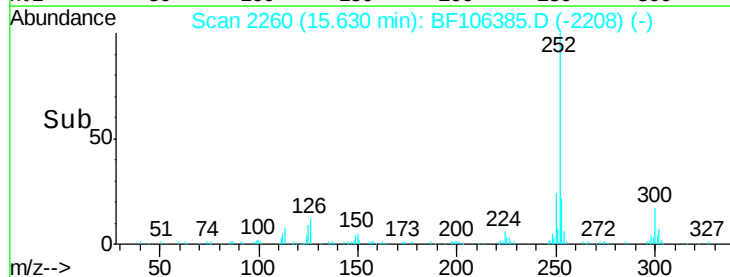
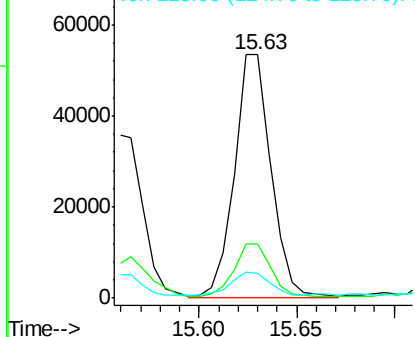


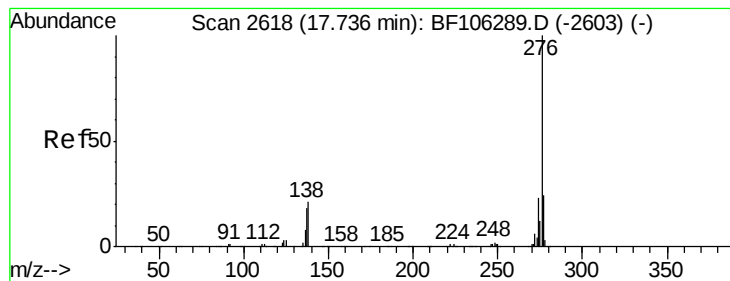
#89
Benzo(a)pyrene
Concen: 5.172 ng
RT: 15.63 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BF106385.D
Acq: 13 Jun 2018 10:38

Tgt Ion:252 Resp: 70016
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 10.3 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(a,h,i)perylene

Concen: 3.063 ng

RT: 17.73 min Scan# 2617

Delta R.T. -0.01 min

Lab File: BF106385.D

Acq: 13 Jun 2018 10:38

Instrument :

BNA_F

ClientSampleId :

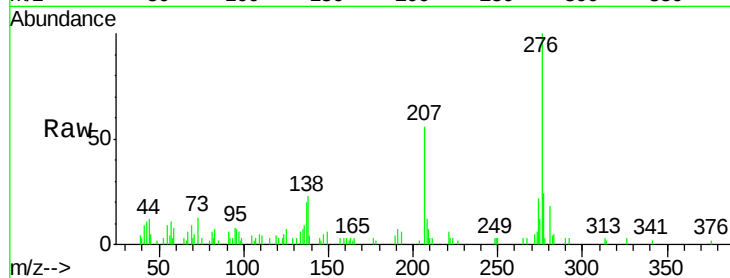
Tot Ion:276 Resp: 33601

Ion Ratio Lower Upper

276 100

277 24.1 17.9 26.9

138 23.5 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

