

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012017\
 Data File : BF092386.D
 Acq On : 20 Jan 2017 21:36
 Operator : UM/SJ
 Sample : I1329-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLACK-FILL1-0-5FT-COMP

Quant Time: Jan 20 22:18:34 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	141787	20.00	ng	-0.12
21) Naphthalene-d8	7.81	136	699767	20.00	ng	-0.12
38) Acenaphthene-d10	9.56	164	320700	20.00	ng	-0.12
63) Phenanthrene-d10	11.03	188	444075	20.00	ng	-0.12
75) Chrysene-d12	13.66	240	338191	20.00	ng	-0.12
86) Perylene-d12	15.02	264	245909	20.00	ng	-0.12

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.11	112	1207266	142.17	ng	-0.12
7) Phenol-d6	6.20	99	1670852	161.16	ng	-0.11
23) Nitrobenzene-d5	7.10	82	1265525	100.56	ng	-0.11
41) 2,4,6-Tribromophenol	10.35	330	304911	114.89	ng	-0.12
44) 2-Fluorobiphenyl	8.90	172	1610234	106.08	ng	-0.11
78) Terphenyl-d14	12.62	244	991974	71.14	ng	-0.12

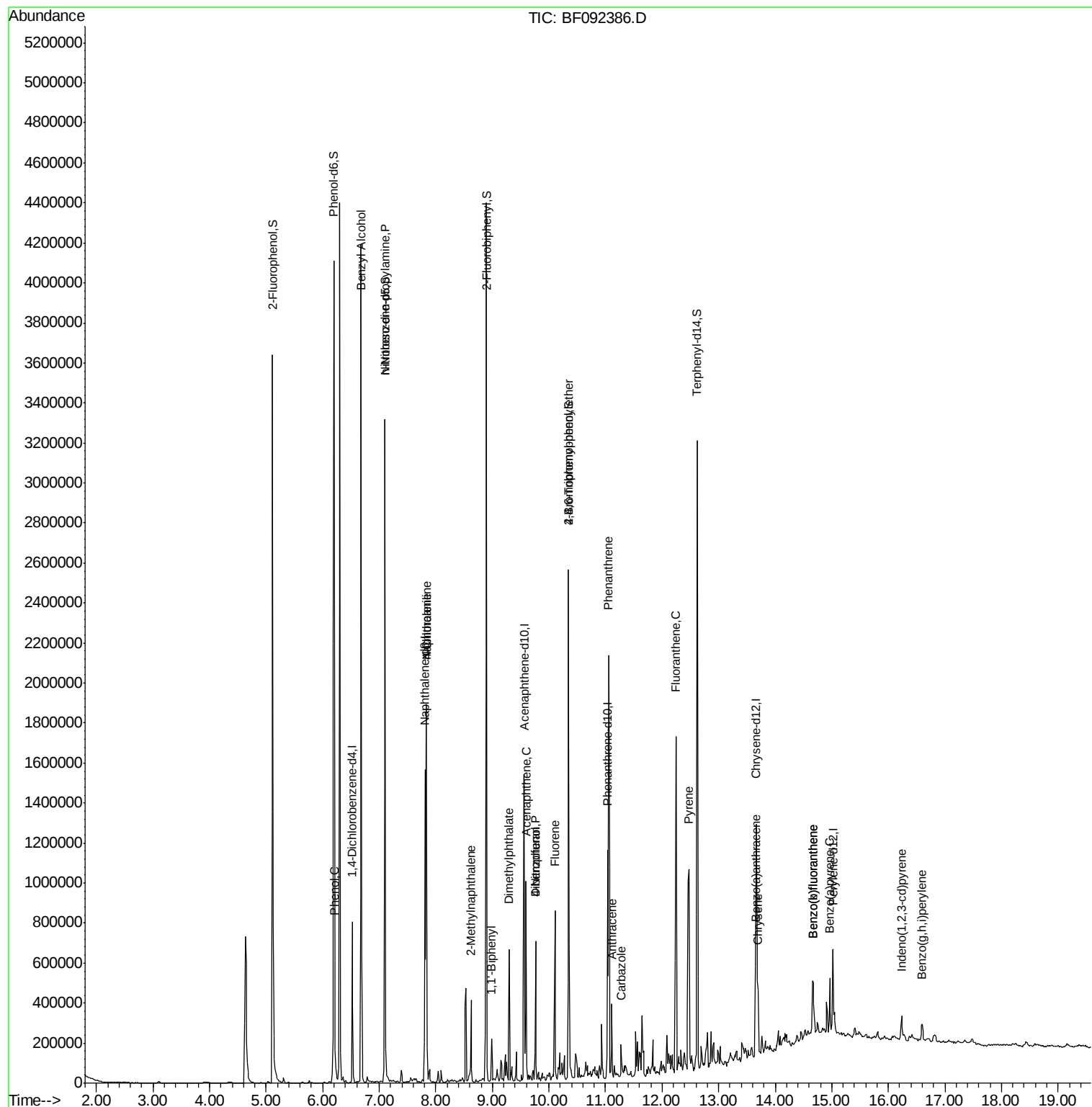
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.12	77	1082	Below Cal	#	19
10) Phenol	6.21	94	86579	7.33 ng	#	70
15) Benzyl Alcohol	6.68	79	19905	2.47 ng	#	38
19) n-Nitroso-di-n-propylamine	7.10	70	169305	24.55 ng	#	74
31) Naphthalene	7.83	128	829252	25.89 ng		99
33) 4-Chloroaniline	7.83	127	105901	7.33 ng	#	30
37) 2-Methylnaphthalene	8.62	142	110587	3.98 ng		97
45) 1,1'-Biphenyl	8.99	154	66466	3.03 ng		95
49) Dimethylphthalate	9.30	163	268926	13.11 ng		99
51) Acenaphthene	9.59	154	243773	13.44 ng		99
54) Dibenzofuran	9.76	168	278405	11.37 ng		92
55) 4-Nitrophenol	9.76	139	97214	25.77 ng	#	5
57) Fluorene	10.11	166	288423	16.19 ng		100
66) 4-Bromophenyl-phenylether	10.35	248	18858	4.08 ng	#	1
70) Phenanthrene	11.06	178	984247	40.87 ng		98
71) Anthracene	11.11	178	163692	5.46 ng		96
72) Carbazole	11.27	167	68027	2.51 ng		98
73) Di-n-butylphthalate	11.62	149	4484	Below Cal	#	63
74) Fluoranthene	12.24	202	721360	33.14 ng		94
76) Benzydine	12.37	184	438	Below Cal	#	1
77) Pyrene	12.47	202	596249	24.03 ng		97
80) Benzo(a)anthracene	13.65	228	223340	11.70 ng		95
82) Chrysene	13.70	228	184988	9.66 ng		96
85) Indeno(1,2,3-cd)pyrene	16.23	276	72444	4.37 ng		95
87) Benzo(b)fluoranthene	14.67	252	211034	13.78 ng		99
88) Benzo(k)fluoranthene	14.67	252	211034	16.16 ng		99
89) Benzo(a)pyrene	14.97	252	122551	9.02 ng		97
91) Benzo(g,h,i)perylene	16.60	276	71598	6.16 ng	#	95

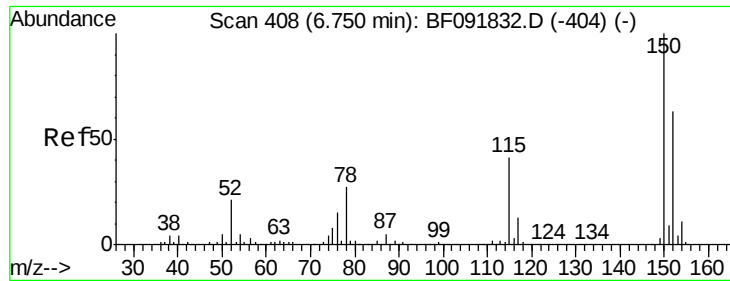
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 414

Delta R.T. -0.12 min

Lab File: BF092386.D

Acq: 20 Jan 2017 21:36

Instrument :

BNA_F

ClientSampleId :

BLACK-FILL1-0-5FT-COMP

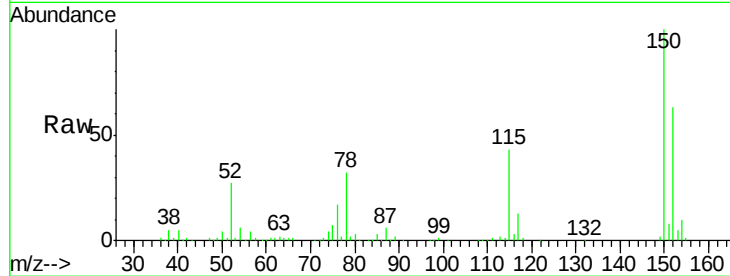
Tgt Ion:152 Resp: 141787

Ion Ratio Lower Upper

152 100

150 158.4 124.9 187.3

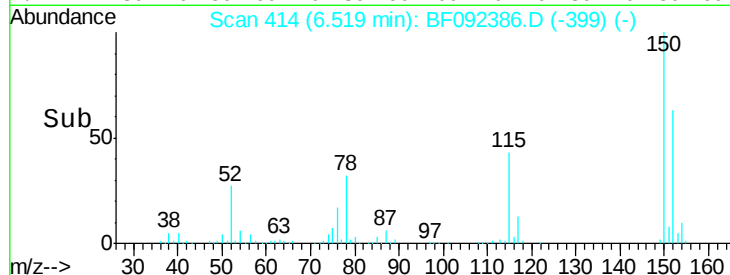
115 68.8 46.0 69.0



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



Time-->



#5

2-Fluorophenol

Concen: 142.17 ng

RT: 5.11 min Scan# 291

Delta R.T. -0.12 min

Lab File: BF092386.D

Acq: 20 Jan 2017 21:36

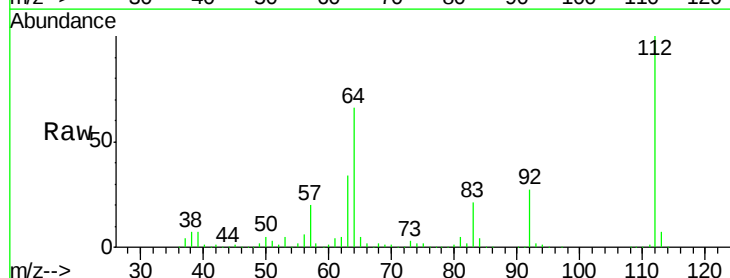
Tgt Ion:112 Resp: 1207266

Ion Ratio Lower Upper

112 100

64 65.5 46.1 69.1

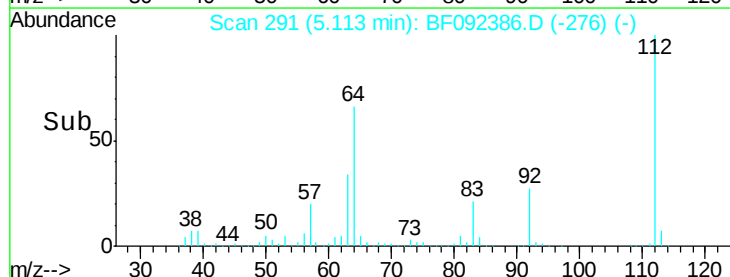
63 34.1 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#7

Phenol-d6

Concen: 161.16 ng

RT: 6.20 min Scan# 386

Delta R.T. -0.11 min

Lab File: BF092386.D

Acq: 20 Jan 2017 21:36

Instrument :

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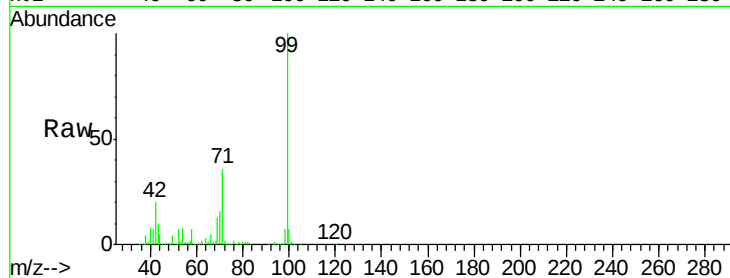
Tgt Ion: 99 Resp: 1670852

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

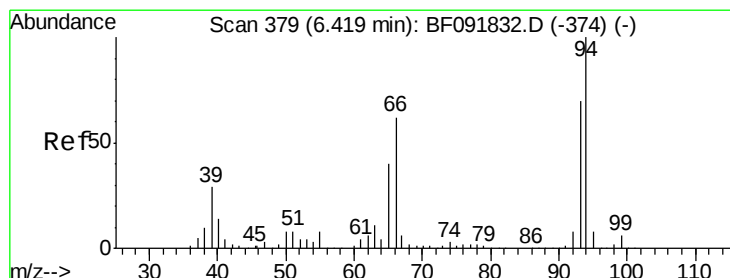
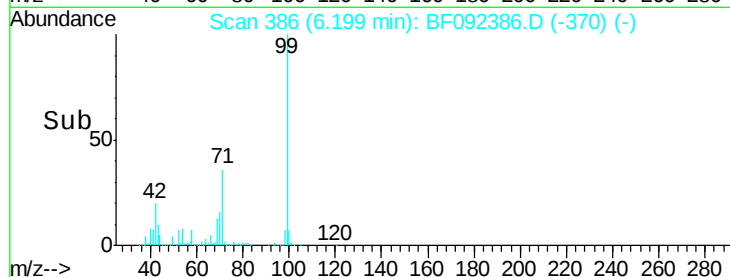
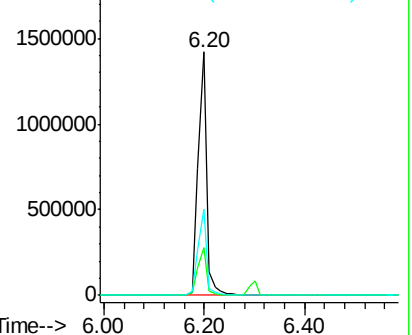
71 35.6 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 7.33 ng

RT: 6.21 min Scan# 387

Delta R.T. -0.11 min

Lab File: BF092386.D

Acq: 20 Jan 2017 21:36

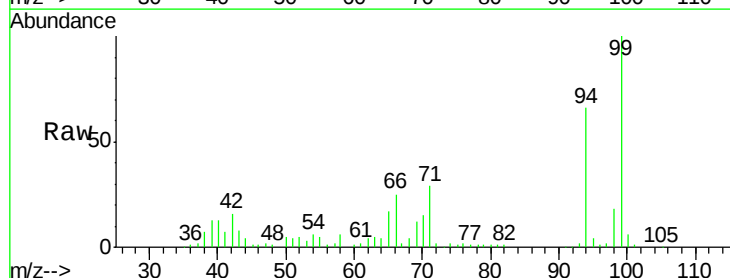
Tgt Ion: 94 Resp: 86579

Ion Ratio Lower Upper

94 100

65 25.9 21.4 61.4

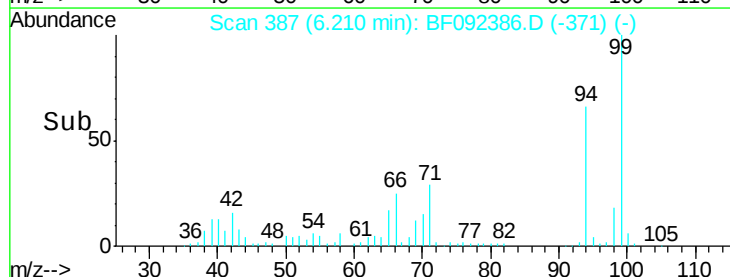
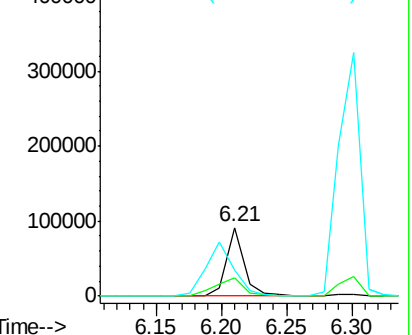
66 38.4 44.0 84.0#

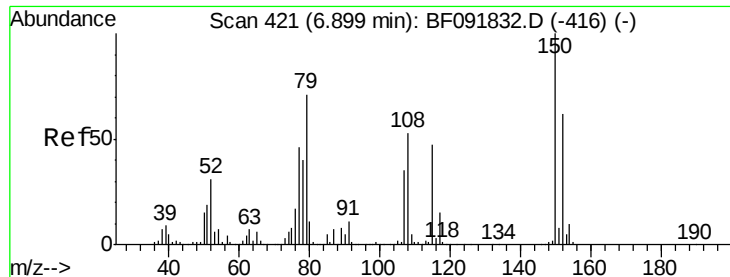


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.47 ng

RT: 6.68 min Scan# 428

Delta R.T. -0.12 min

Lab File: BF092386.D

Acq: 20 Jan 2017 21:36

Instrument :

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ClientSampleId :

BLACK-FILL1-0-5FT-COMP

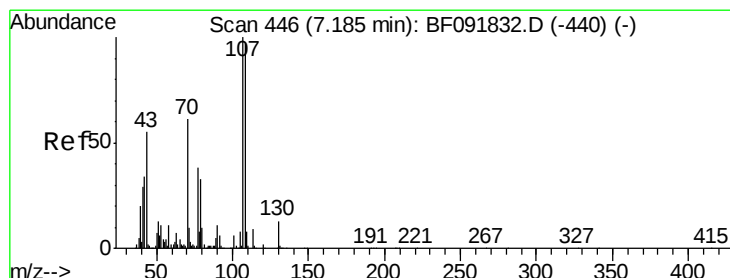
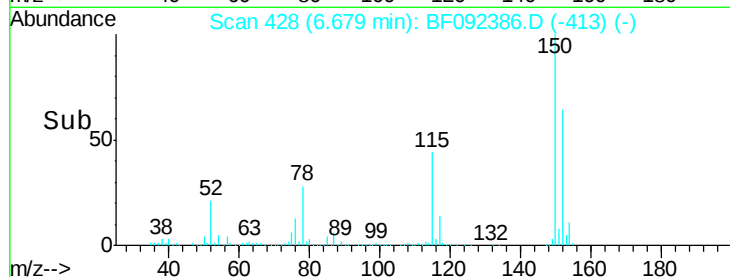
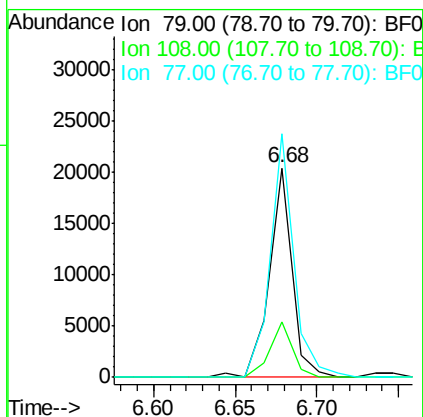
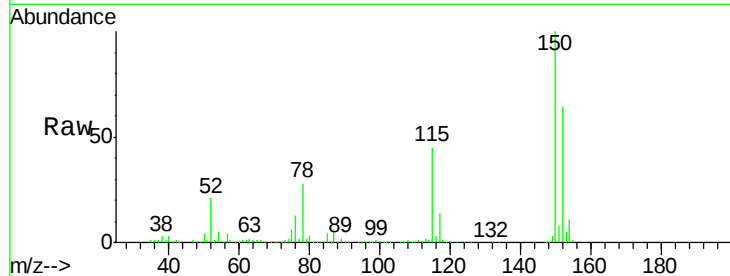
Tgt Ion: 79 Resp: 19905

Ion Ratio Lower Upper

79 100

108 26.8 61.4 92.0#

77 116.3 50.9 76.3#



#19

n-Nitroso-di-n-propylamine

Concen: 24.55 ng

RT: 7.10 min Scan# 465

Delta R.T. 0.03 min

Lab File: BF092386.D

Acq: 20 Jan 2017 21:36

Tgt Ion: 70 Resp: 169305

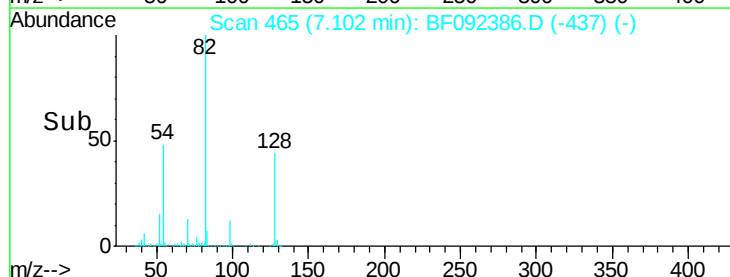
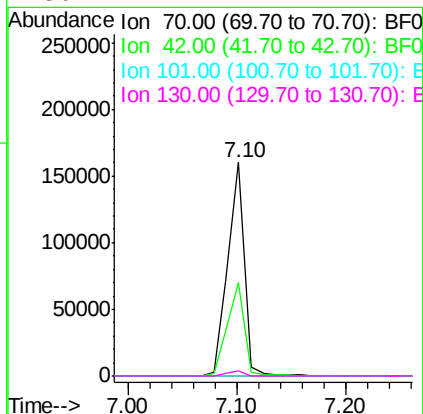
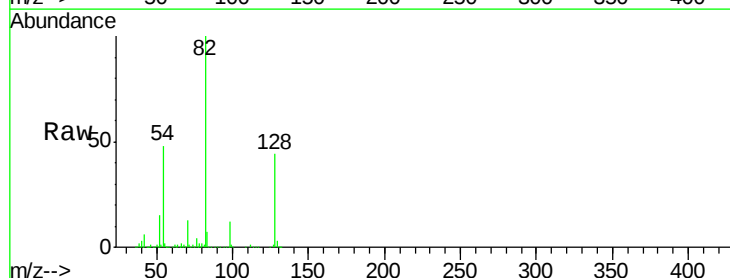
Ion Ratio Lower Upper

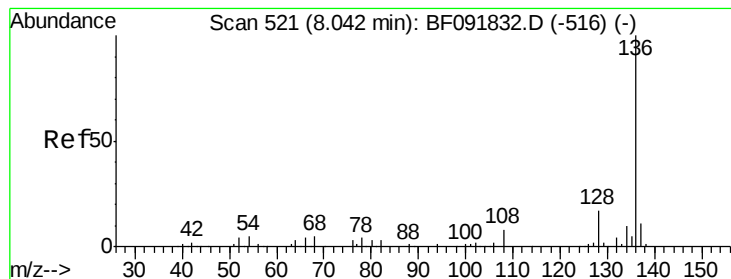
70 100

42 43.9 49.4 74.0#

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

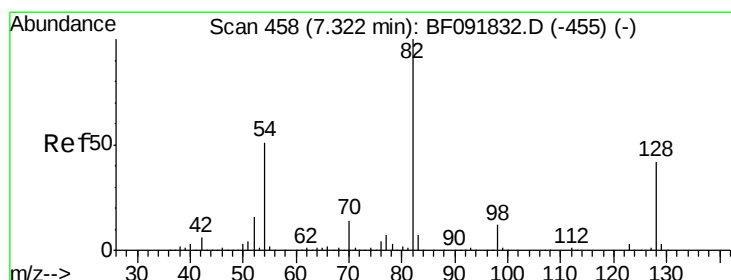
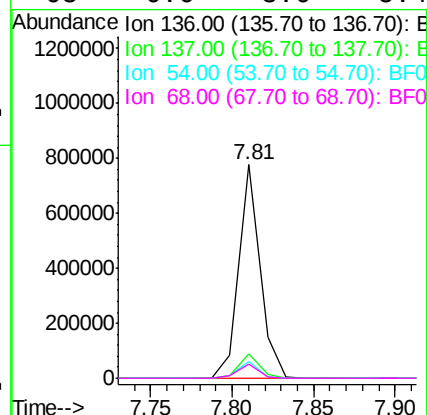
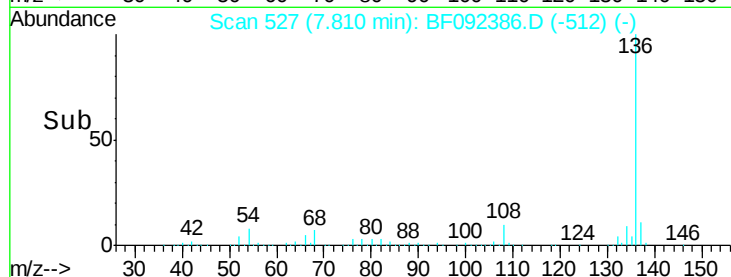
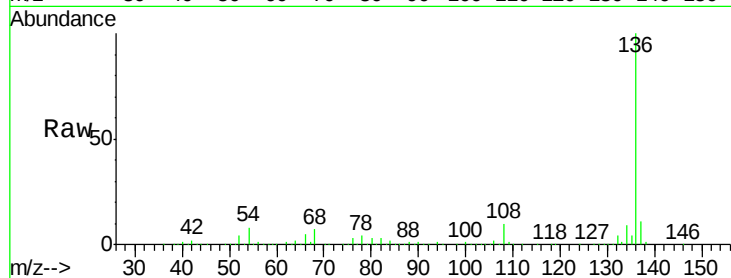




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 527
Delta R.T. -0.12 min
Lab File: BF092386.D
Acq: 20 Jan 2017 21:36

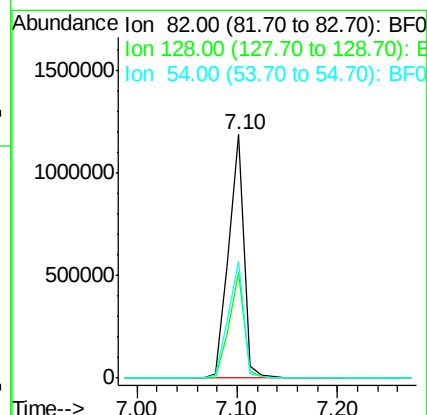
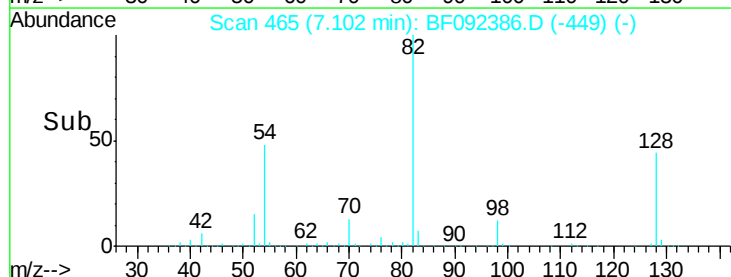
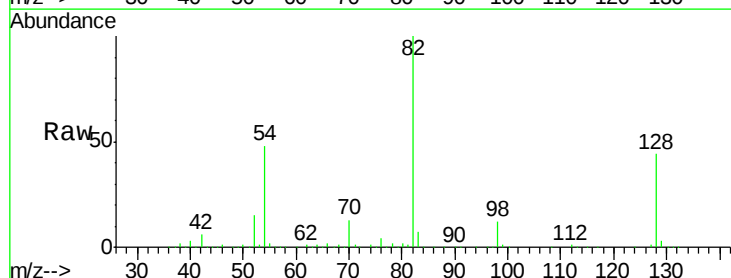
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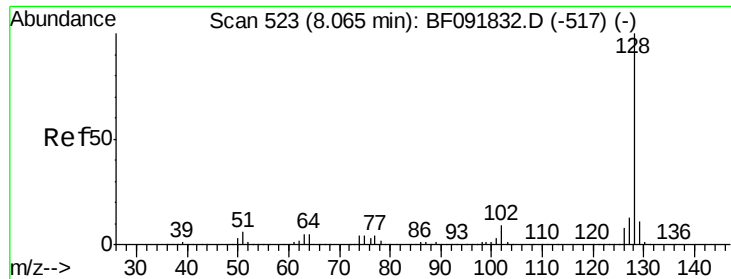
Tgt Ion:	136	Resp:	699767
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	7.9	4.5	6.7#
68	6.6	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 100.56 ng
RT: 7.10 min Scan# 465
Delta R.T. -0.11 min
Lab File: BF092386.D
Acq: 20 Jan 2017 21:36

Tgt Ion:	82	Resp:	1265525
Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	52.0
54	47.9	39.5	59.3

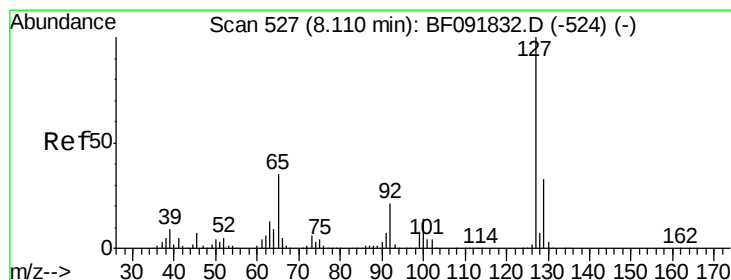
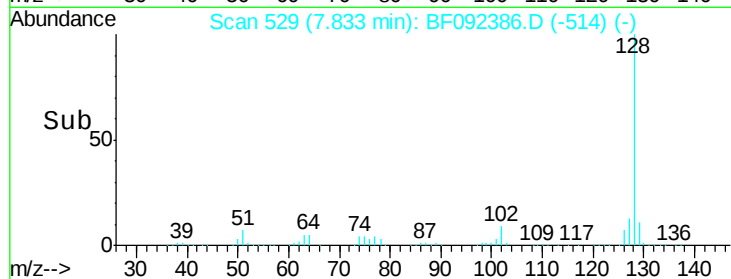
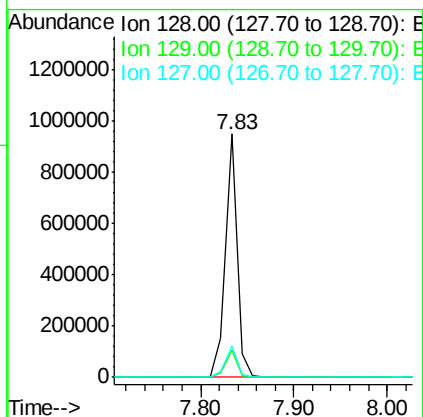
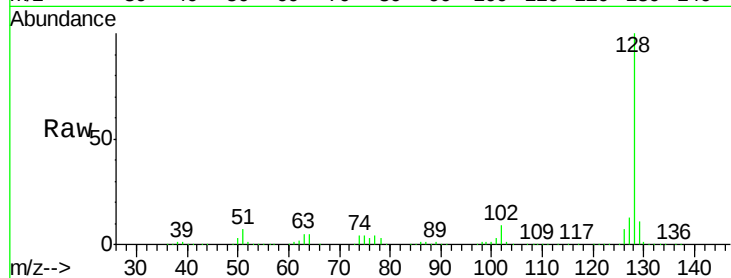




#31
Naphthalene
Concen: 25.89 ng
RT: 7.83 min Scan# 529
Delta R.T. -0.12 min
Lab File: BF092386.D
Acq: 20 Jan 2017 21:36

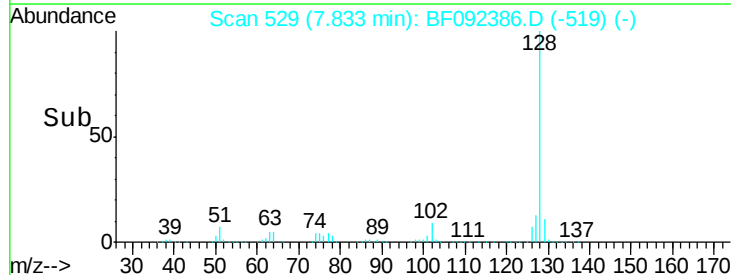
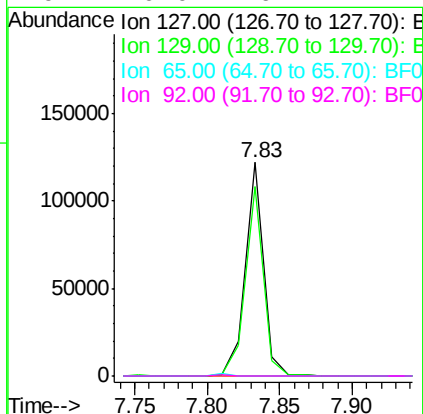
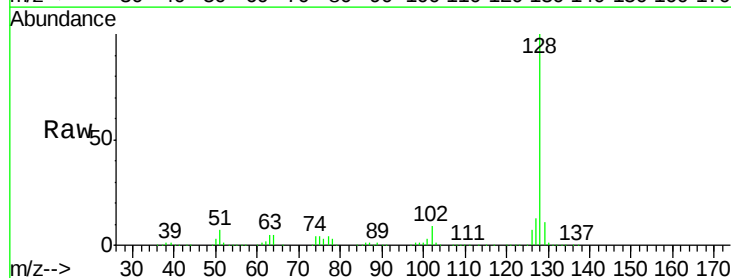
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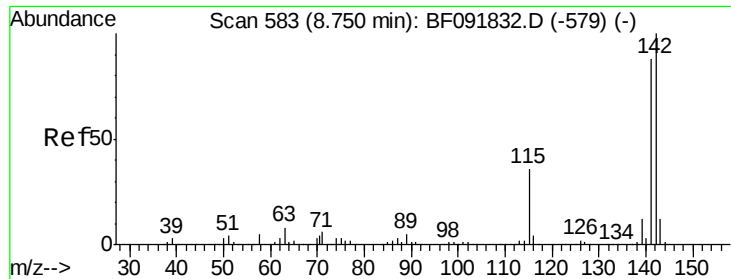
Tgt Ion:128 Resp: 829252
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 12.9 10.8 16.2



#33
4-Chloroaniline
Concen: 7.33 ng
RT: 7.83 min Scan# 529
Delta R.T. -0.18 min
Lab File: BF092386.D
Acq: 20 Jan 2017 21:36

Tgt Ion:127 Resp: 105901
Ion Ratio Lower Upper
127 100
129 88.6 26.3 39.5#
65 0.0 25.8 38.8#
92 0.0 16.1 24.1#

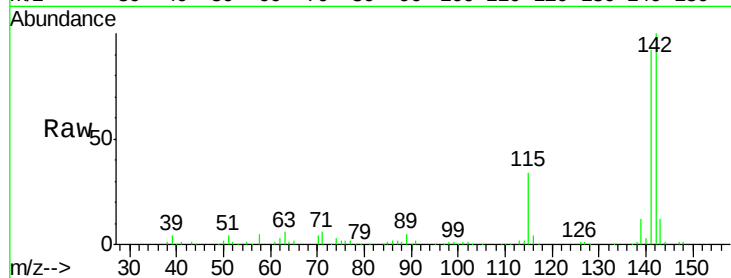




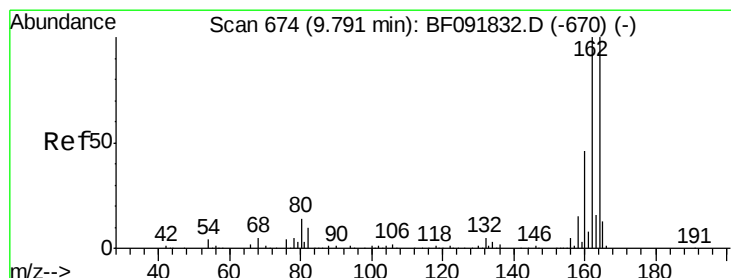
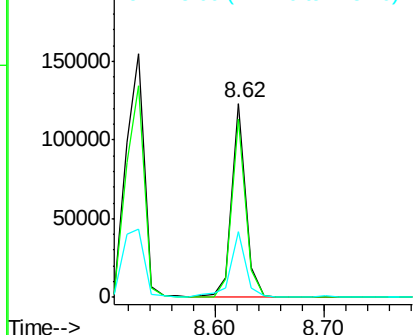
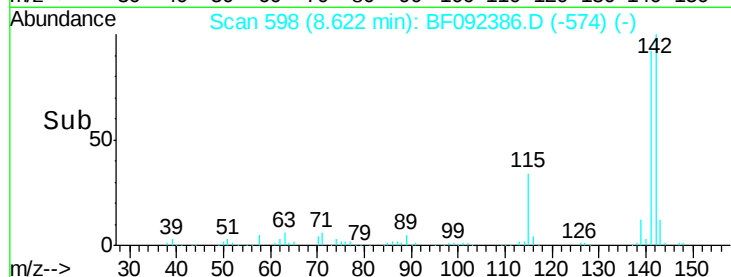
#37
 2-Methylnaphthalene
 Concen: 3.98 ng
 RT: 8.62 min Scan# 598
 Delta R.T. -0.02 min
 Lab File: BF092386.D
 Acq: 20 Jan 2017 21:36

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Tgt Ion:142 Resp: 110587
 Ion Ratio Lower Upper
 142 100
 141 91.8 71.0 106.6
 115 33.7 28.3 42.5

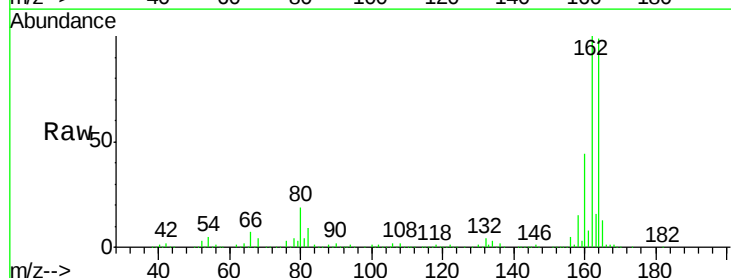


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

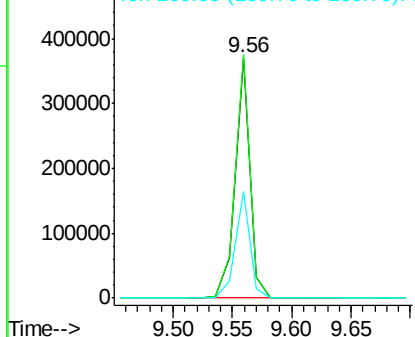
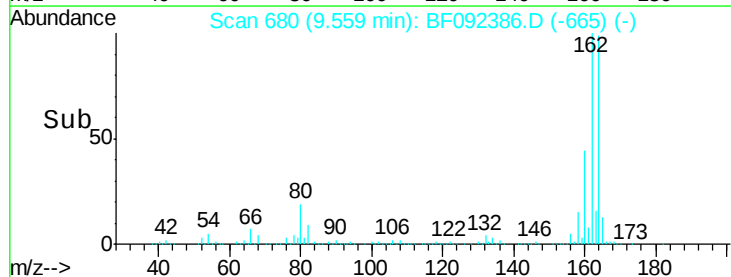


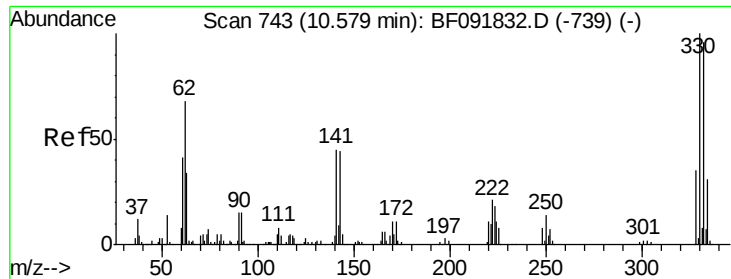
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 680
 Delta R.T. -0.12 min
 Lab File: BF092386.D
 Acq: 20 Jan 2017 21:36

Tgt Ion:164 Resp: 320700
 Ion Ratio Lower Upper
 164 100
 162 101.5 80.2 120.2
 160 44.7 36.9 55.3



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

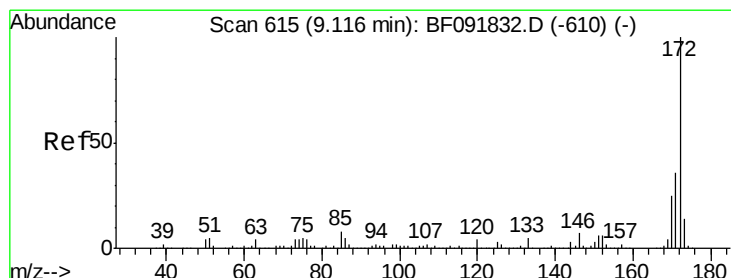
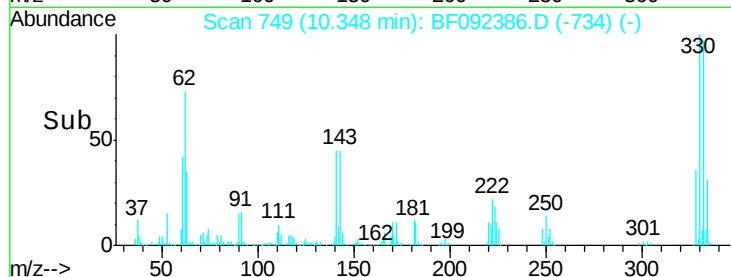
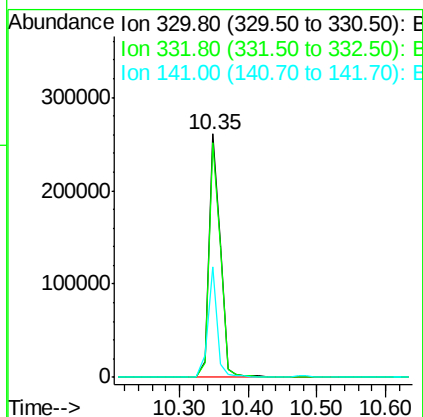
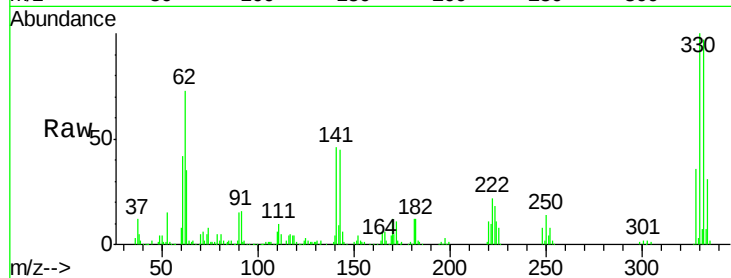




#41
 2,4,6-Tribromophenol
 Concen: 114.89 ng
 RT: 10.35 min Scan# 749
 Delta R.T. -0.12 min
 Lab File: BF092386.D
 Acq: 20 Jan 2017 21:36

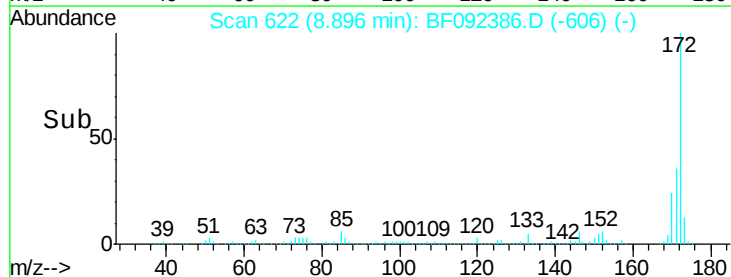
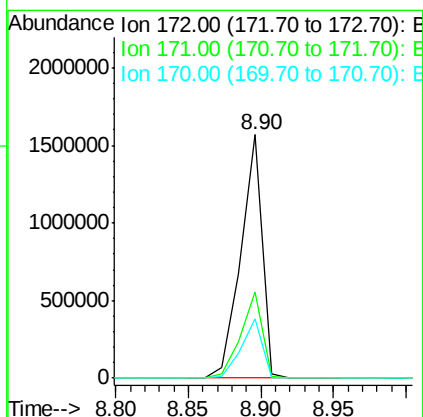
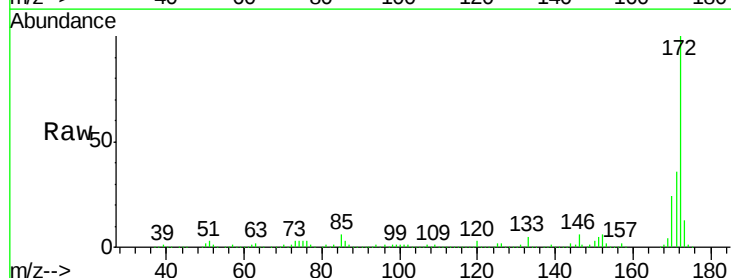
Instrument :
 BNA_F
 ClientSampleId :
 BLACK-FILL1-0-5FT-COMP

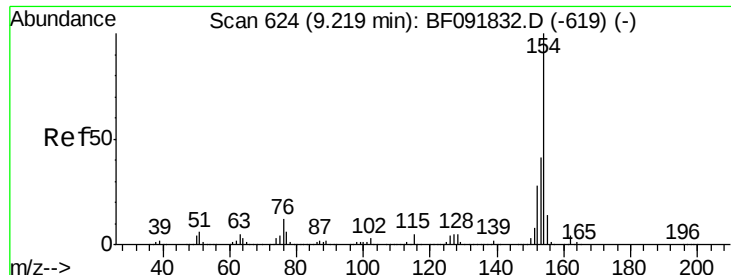
Tgt Ion:330 Resp: 304911
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 37.4 34.1 51.1



#44
 2-Fluorobiphenyl
 Concen: 106.08 ng
 RT: 8.90 min Scan# 622
 Delta R.T. -0.11 min
 Lab File: BF092386.D
 Acq: 20 Jan 2017 21:36

Tgt Ion:172 Resp: 1610234
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.0
 170 24.4 20.2 30.4

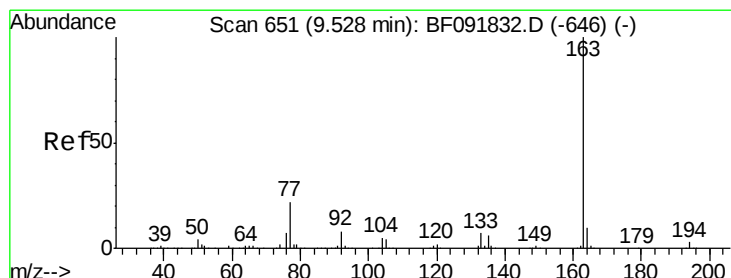
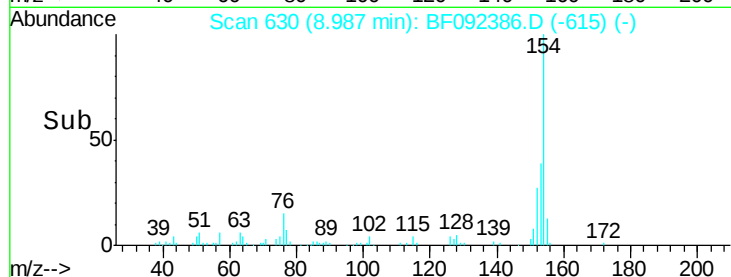
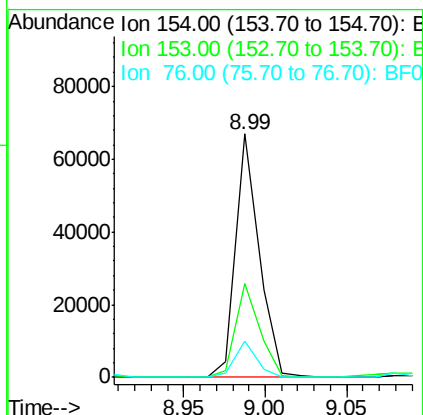
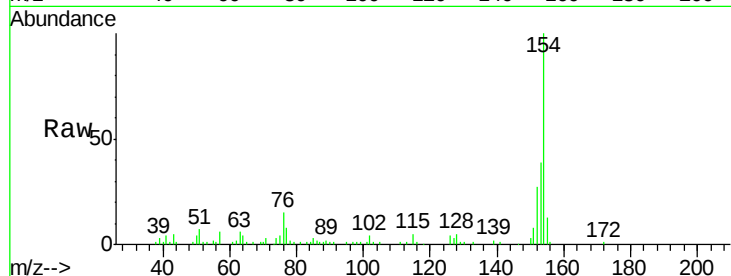




#45
1,1'-Biphenyl
Concen: 3.03 ng
RT: 8.99 min Scan# 630
Delta R.T. -0.12 min
Lab File: BF092386.D
Acq: 20 Jan 2017 21:36

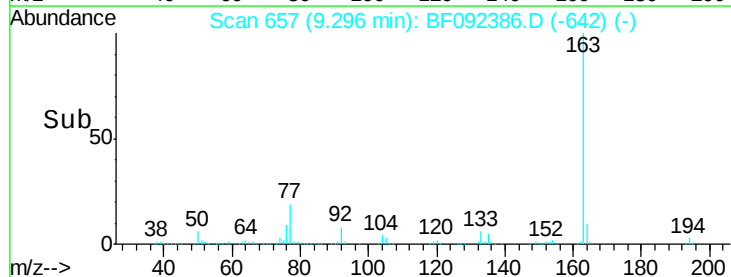
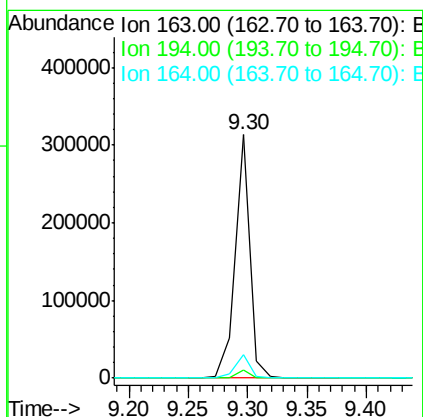
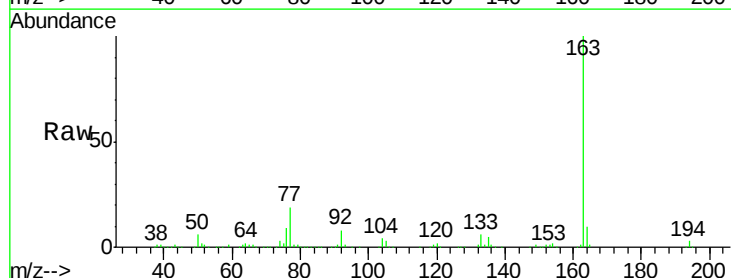
Instrument :
BNA_F
ClientSampleId :
BLACK-FILL1-0-5FT-COMP

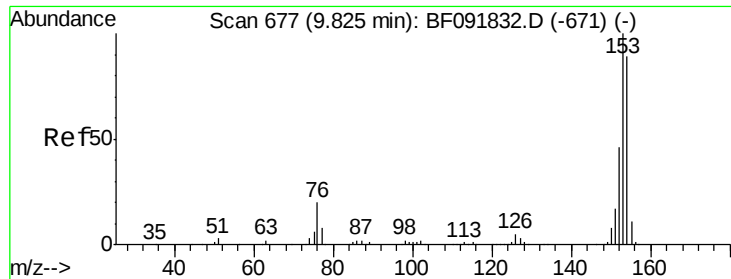
Tgt Ion:154 Resp: 66466
Ion Ratio Lower Upper
154 100
153 38.8 20.9 60.9
76 14.9 0.0 30.5



#49
Dimethylphthalate
Concen: 13.11 ng
RT: 9.30 min Scan# 657
Delta R.T. -0.12 min
Lab File: BF092386.D
Acq: 20 Jan 2017 21:36

Tgt Ion:163 Resp: 268926
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 9.6 8.0 12.0





#51

Acenaphthene

Concen: 13.44 ng

RT: 9.59 min Scan# 683

Delta R.T. -0.12 min

Lab File: BF092386.D

Acq: 20 Jan 2017 21:36

Instrument :

BNA_F

ClientSampleId :

BLACK-FILL1-0-5FT-COMP

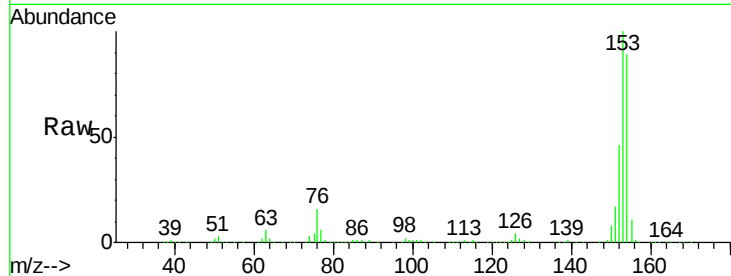
Tgt Ion:154 Resp: 243773

Ion Ratio Lower Upper

154 100

153 112.4 88.6 133.0

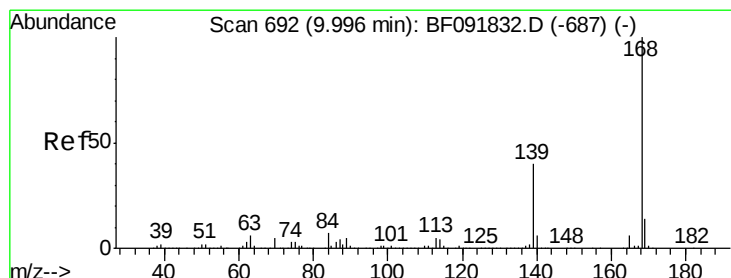
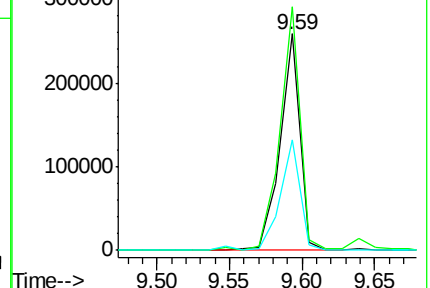
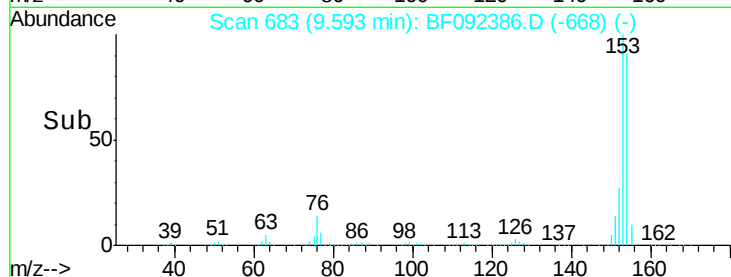
152 51.2 41.6 62.4



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: 11.37 ng

RT: 9.76 min Scan# 698

Delta R.T. -0.12 min

Lab File: BF092386.D

Acq: 20 Jan 2017 21:36

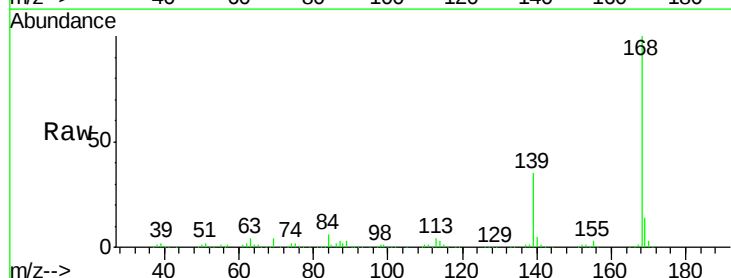
Tgt Ion:168 Resp: 278405

Ion Ratio Lower Upper

168 100

139 34.6 32.6 49.0

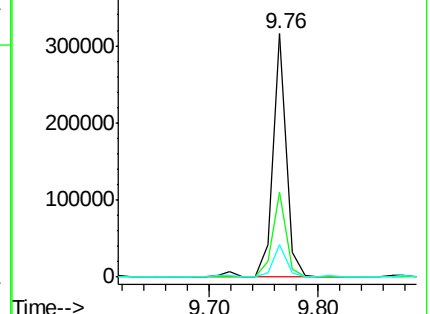
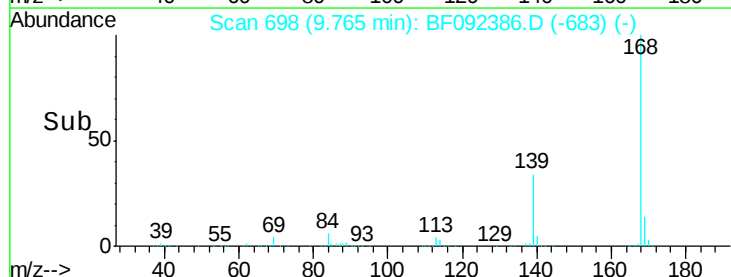
169 13.6 11.3 16.9

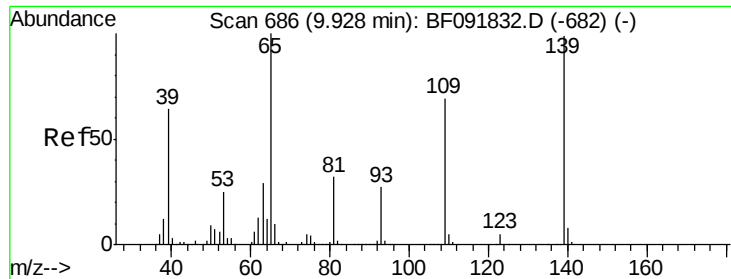


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 25.77 ng

RT: 9.76 min Scan# 698

Delta R.T. -0.07 min

Lab File: BF092386.D

Acq: 20 Jan 2017 21:36

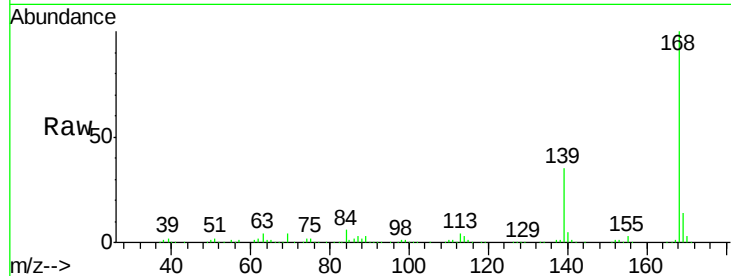
Instrument :

BNA_F

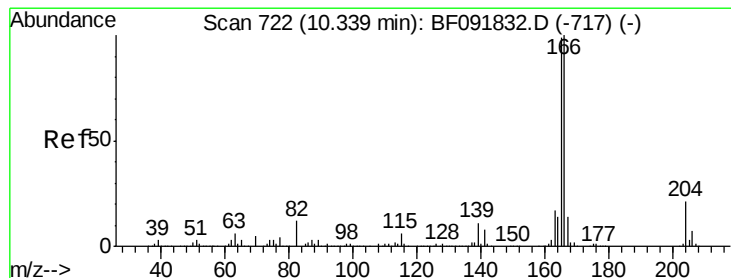
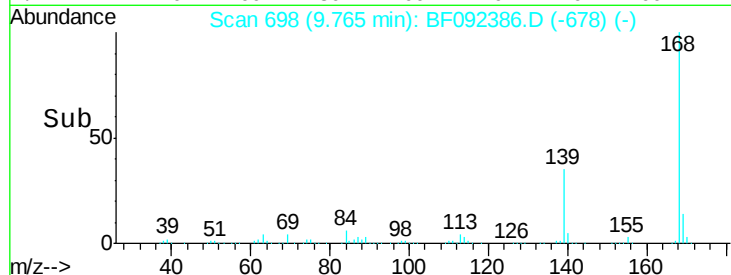
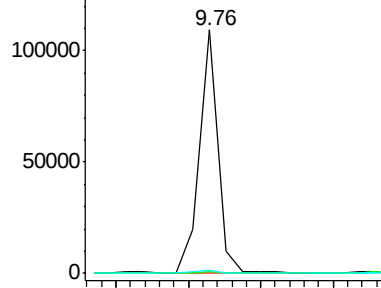
ClientSampleId :

BLACK-FILL1-0-5FT-COMP

Tgt Ion:	139	Resp:	97214
Ion	Ratio	Lower	Upper
139	100		
109	1.0	52.2	92.2#
65	1.5	85.8	125.8#



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): BF0



#57

Fluorene

Concen: 16.19 ng

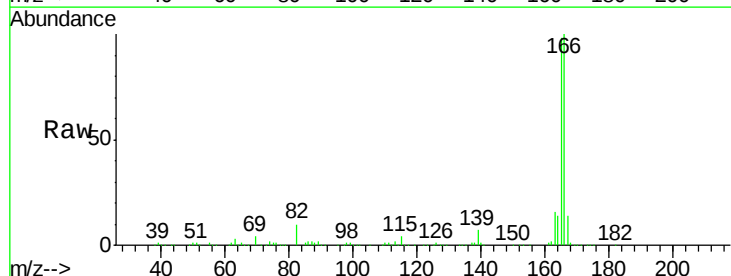
RT: 10.11 min Scan# 728

Delta R.T. -0.12 min

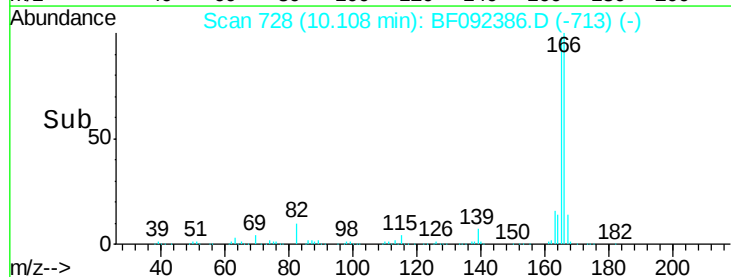
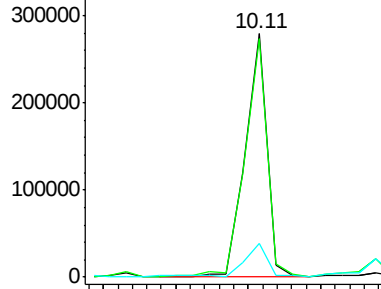
Lab File: BF092386.D

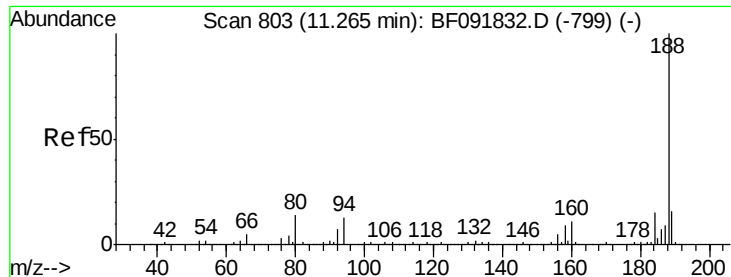
Acq: 20 Jan 2017 21:36

Tgt Ion:	166	Resp:	288423
Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.8	116.8
167	13.9	10.8	16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

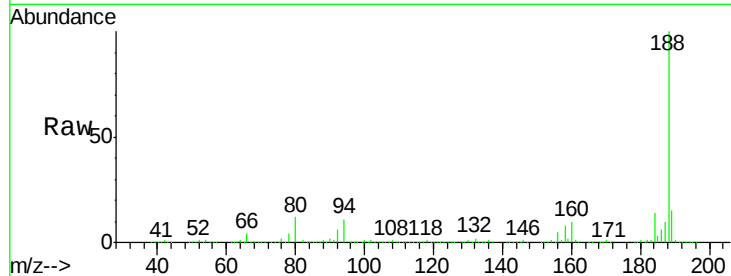




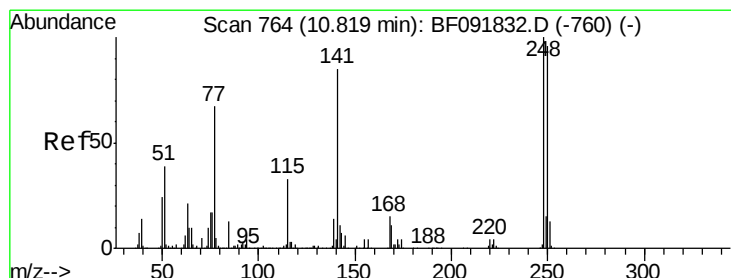
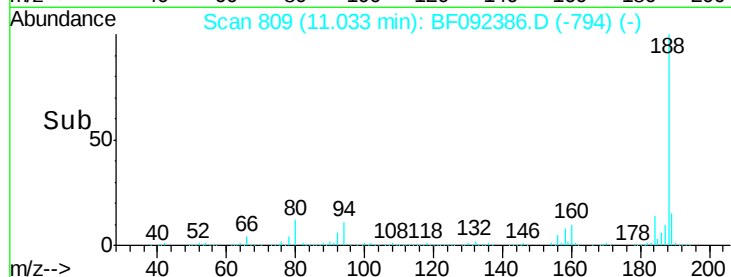
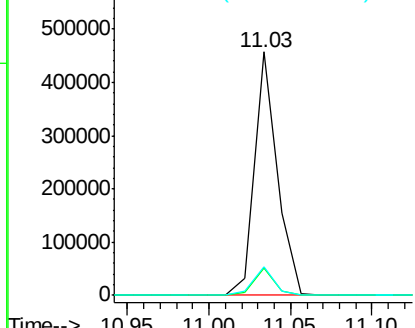
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.03 min Scan# 809
 Delta R.T. -0.12 min
 Lab File: BF092386.D
 Acq: 20 Jan 2017 21:36

Instrument :
 BNA_F
 ClientSampleId :
 BLACK-FILL1-0-5FT-COMP

Tgt Ion:188 Resp: 444075
 Ion Ratio Lower Upper
 188 100
 94 11.3 10.0 15.0
 80 12.0 11.2 16.8

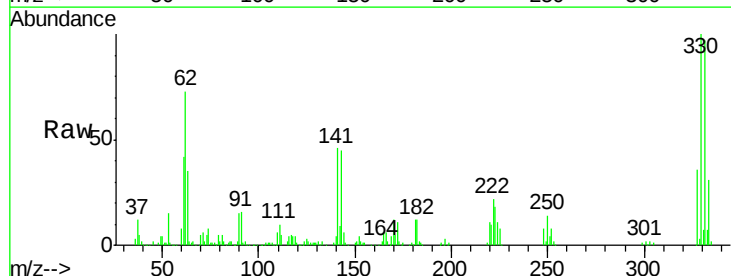


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

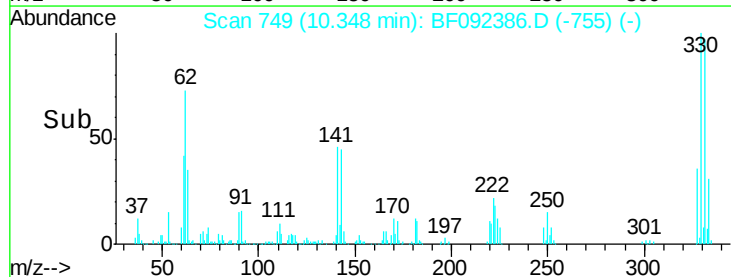
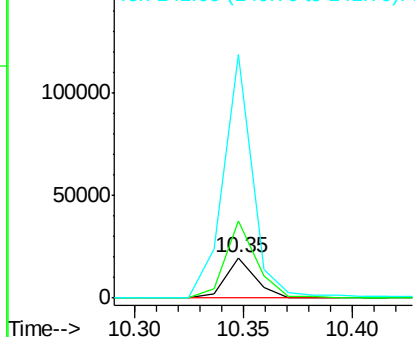


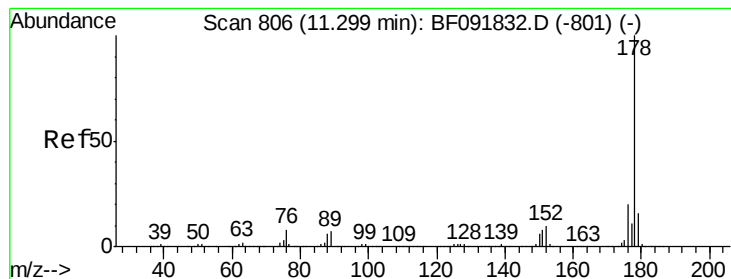
#66
 4-Bromophenyl-phenylether
 Concen: 4.08 ng
 RT: 10.35 min Scan# 749
 Delta R.T. -0.36 min
 Lab File: BF092386.D
 Acq: 20 Jan 2017 21:36

Tgt Ion:248 Resp: 18858
 Ion Ratio Lower Upper
 248 100
 250 191.6 76.9 115.3#
 141 602.2 68.2 102.4#



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





#70

Phenanthrene

Concen: 40.87 ng

RT: 11.06 min Scan# 811

Delta R.T. -0.12 min

Lab File: BF092386.D

Acq: 20 Jan 2017 21:36

Instrument :

BNA_F

ClientSampleId :

BLACK-FILL1-0-5FT-COMP

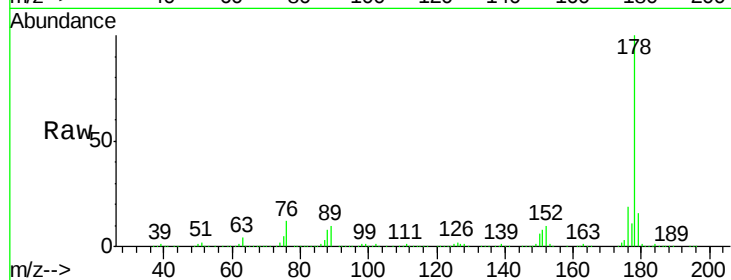
Tgt Ion:178 Resp: 984247

Ion Ratio Lower Upper

178 100

176 19.0 16.6 25.0

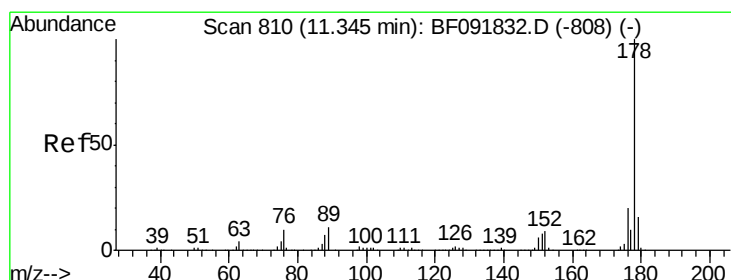
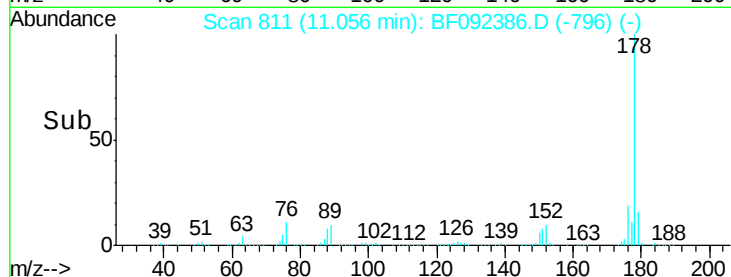
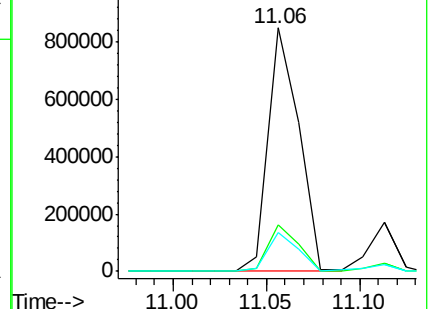
179 15.9 12.8 19.2



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: 5.46 ng

RT: 11.11 min Scan# 816

Delta R.T. -0.12 min

Lab File: BF092386.D

Acq: 20 Jan 2017 21:36

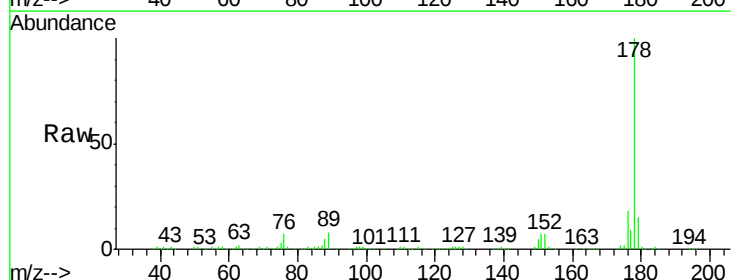
Tgt Ion:178 Resp: 163692

Ion Ratio Lower Upper

178 100

176 17.9 15.9 23.9

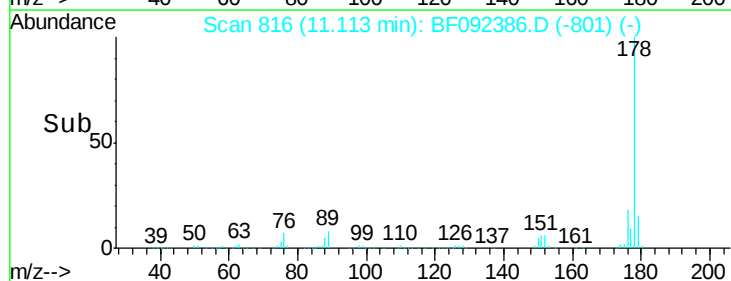
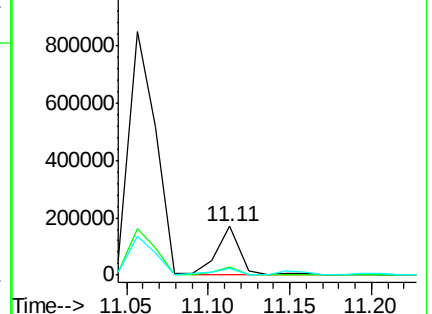
179 15.3 13.2 19.8

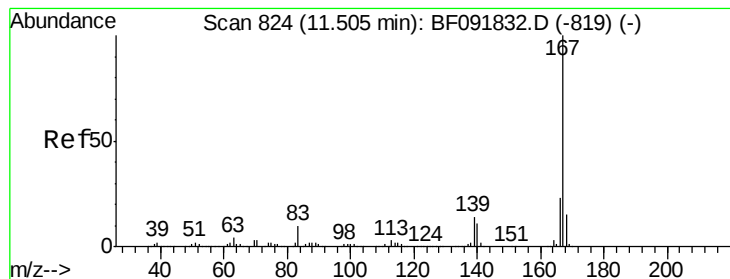


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 2.51 ng

RT: 11.27 min Scan# 830

Delta R.T. -0.12 min

Lab File: BF092386.D

Acq: 20 Jan 2017 21:36

Instrument :

BNA_F

ClientSampleId :

BLACK-FILL1-0-5FT-COMP

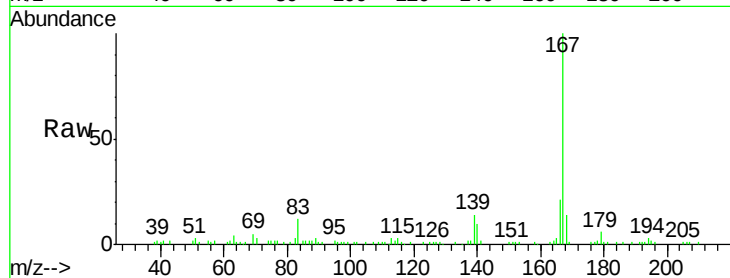
Tgt Ion:167 Resp: 68027

Ion Ratio Lower Upper

167 100

166 21.3 18.2 27.2

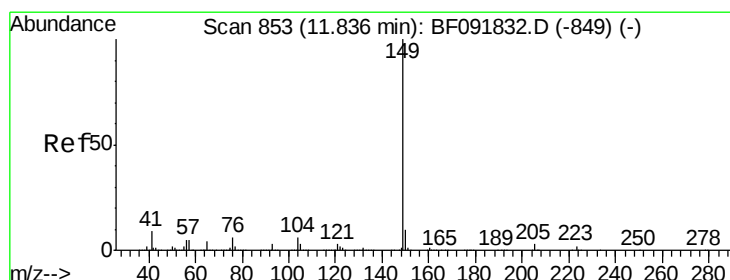
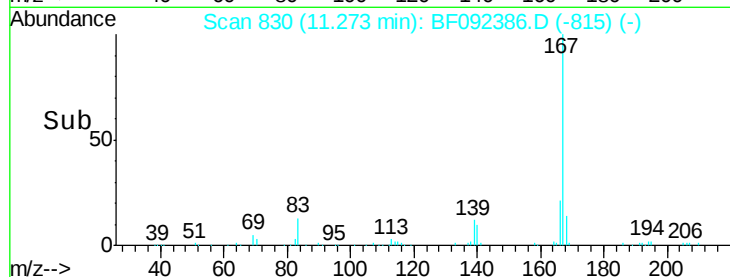
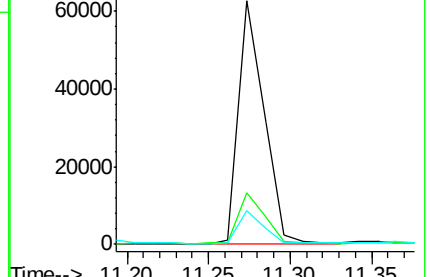
139 13.7 11.4 17.2



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



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.62 min Scan# 860

Delta R.T. -0.11 min

Lab File: BF092386.D

Acq: 20 Jan 2017 21:36

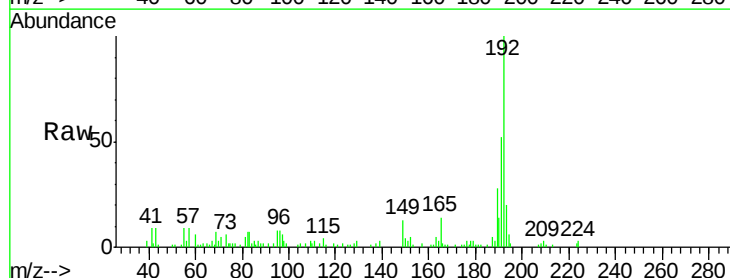
Tgt Ion:149 Resp: 4484

Ion Ratio Lower Upper

149 100

150 28.5 8.1 12.1#

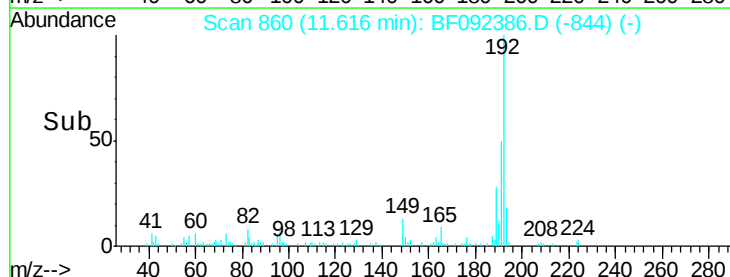
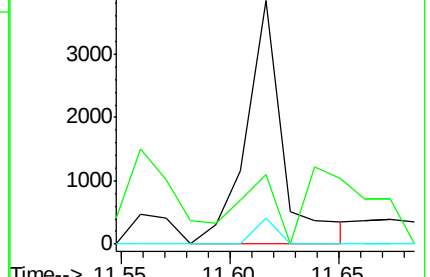
104 10.6 4.6 7.0#

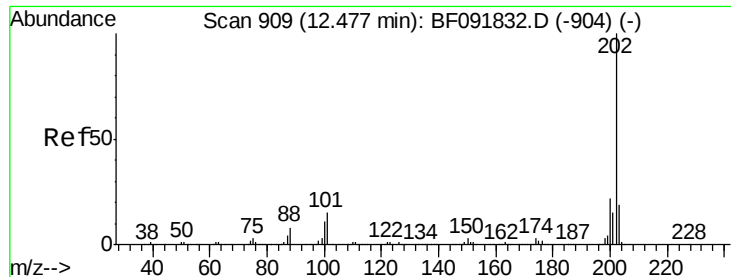


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 33.14 ng

RT: 12.24 min Scan# 915

Delta R.T. -0.12 min

Lab File: BF092386.D

Acq: 20 Jan 2017 21:36

Instrument :

BNA_F

ClientSampleId :

BLACK-FILL1-0-5FT-COMP

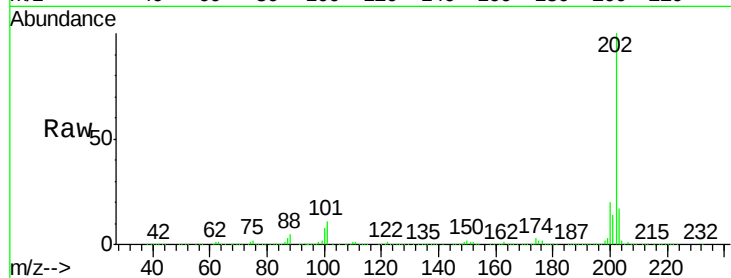
Tgt Ion:202 Resp: 721360

Ion Ratio Lower Upper

202 100

101 10.8 0.0 34.6

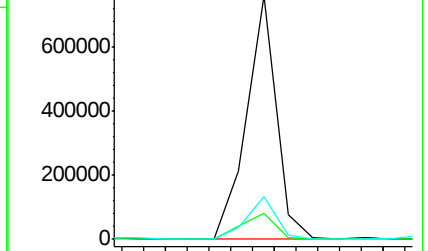
203 17.5 0.0 38.7



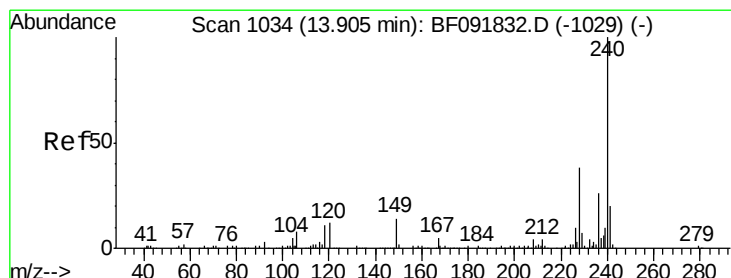
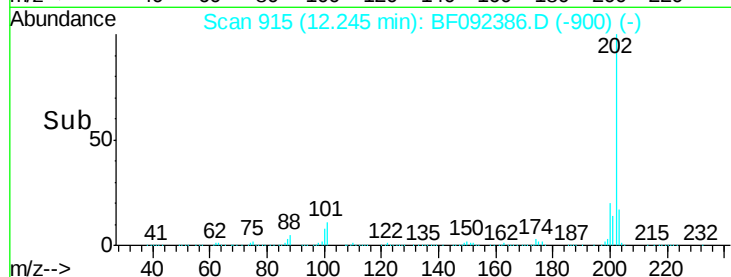
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.66 min Scan# 1039

Delta R.T. -0.12 min

Lab File: BF092386.D

Acq: 20 Jan 2017 21:36

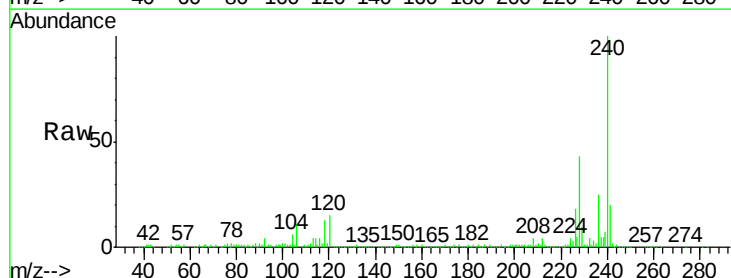
Tgt Ion:240 Resp: 338191

Ion Ratio Lower Upper

240 100

120 15.3 12.9 19.3

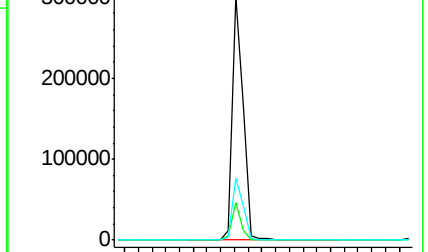
236 25.2 20.9 31.3



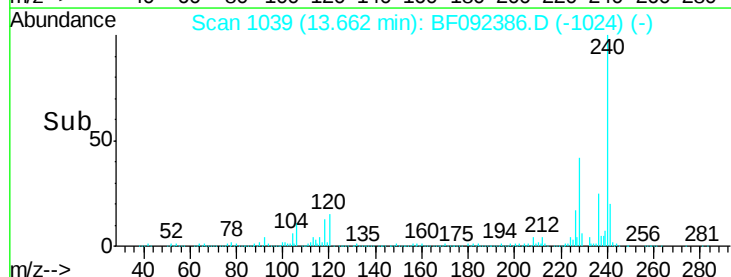
Abundance Ion 240.00 (239.70 to 240.70): E

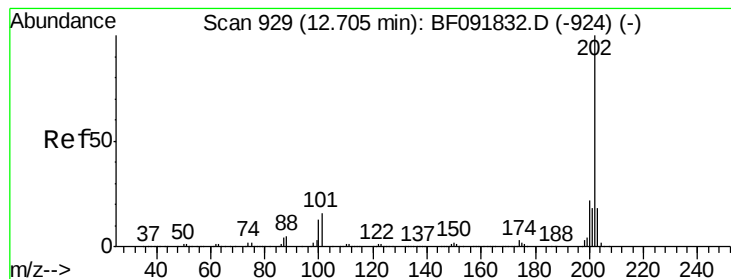
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Pyrene

Concen: 24.03 ng

RT: 12.47 min Scan# 935

Delta R.T. -0.11 min

Lab File: BF092386.D

Acq: 20 Jan 2017 21:36

Instrument :

BNA_F

ClientSampleId :

BLACK-FILL1-0-5FT-COMP

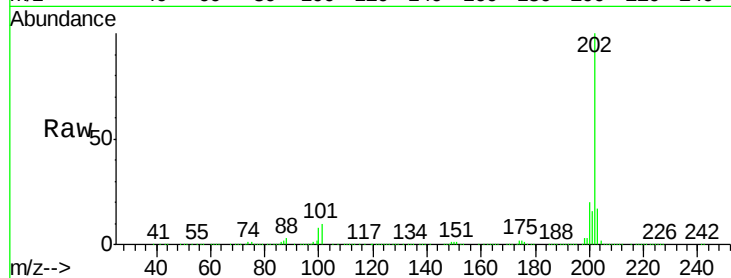
Tgt Ion: 202 Resp: 596249

Ion Ratio Lower Upper

202 100

200 20.4 17.7 26.5

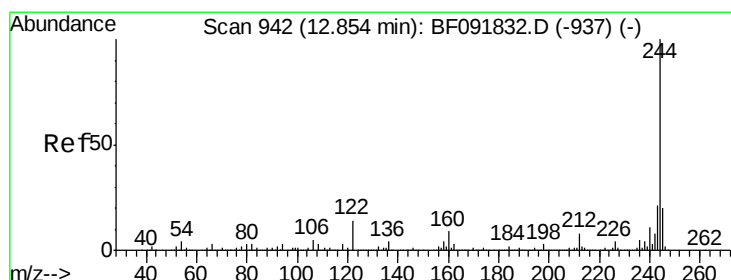
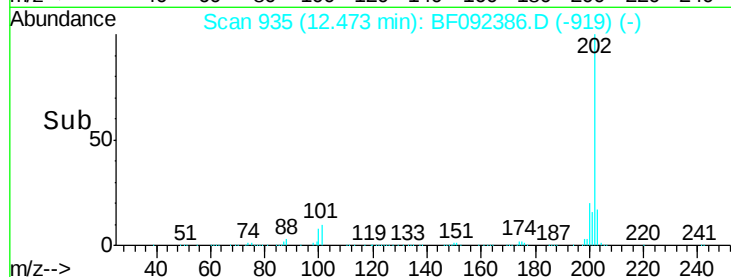
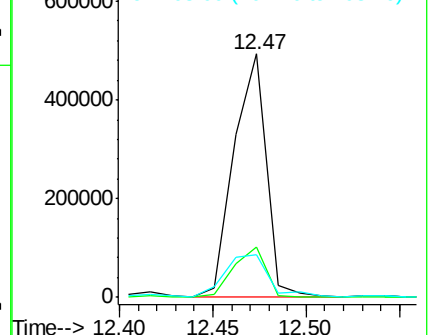
203 17.5 14.7 22.1



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: 71.14 ng

RT: 12.62 min Scan# 948

Delta R.T. -0.12 min

Lab File: BF092386.D

Acq: 20 Jan 2017 21:36

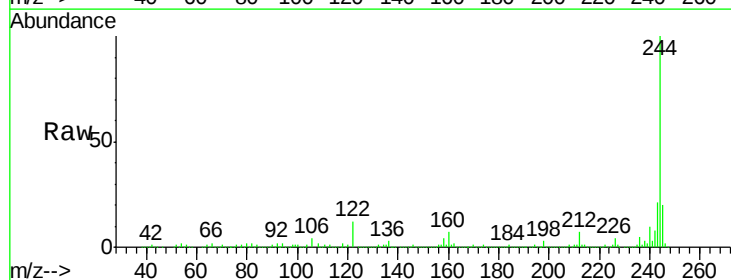
Tgt Ion: 244 Resp: 991974

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

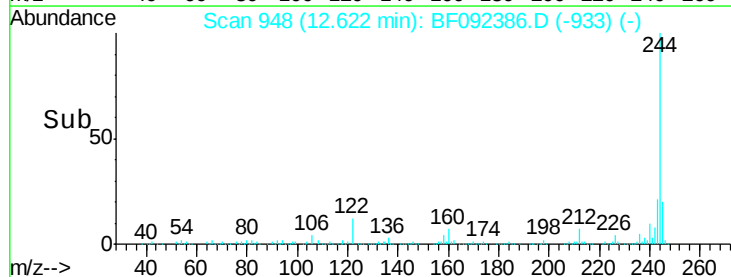
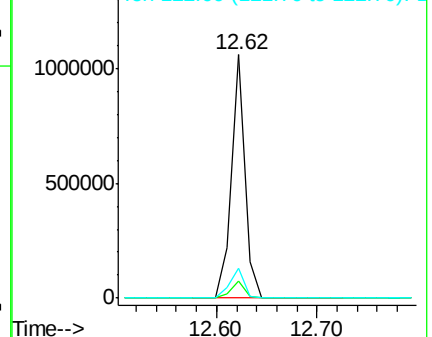
122 12.4 11.4 17.2

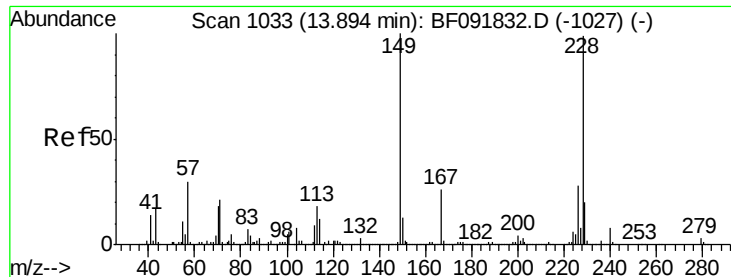


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

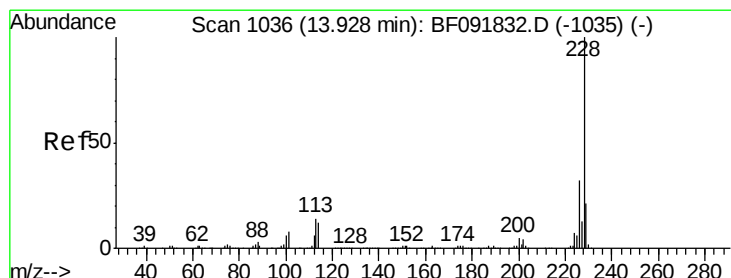
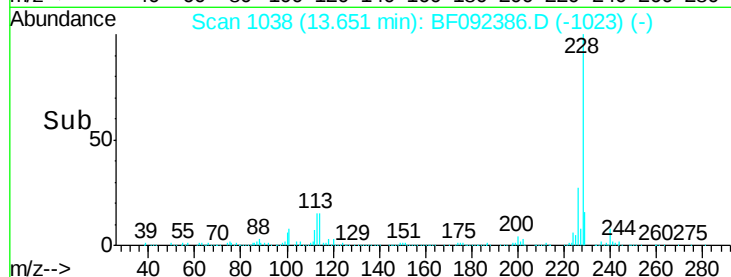
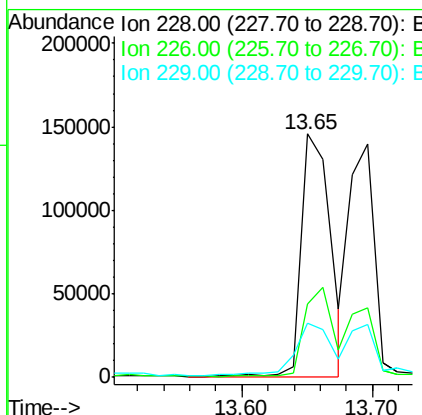
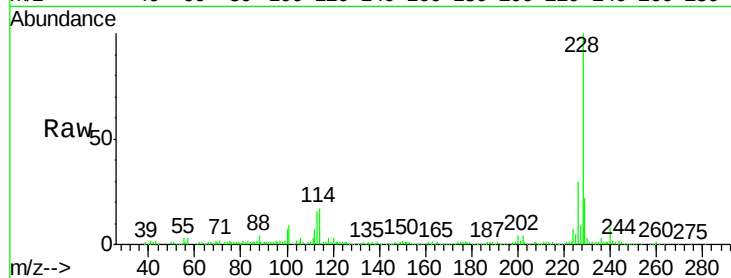




#80
Benzo(a)anthracene
Concen: 11.70 ng
RT: 13.65 min Scan# 1038
Delta R.T. -0.12 min
Lab File: BF092386.D
Acq: 20 Jan 2017 21:36

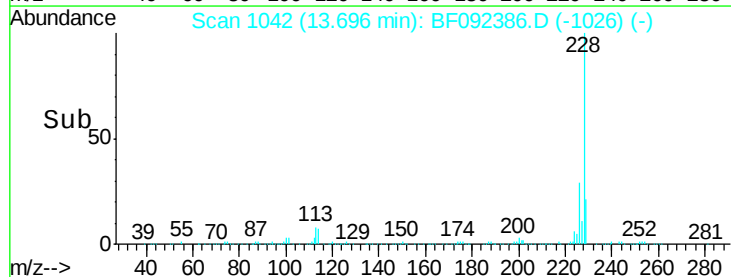
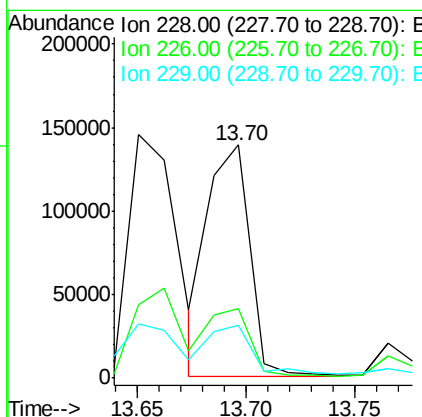
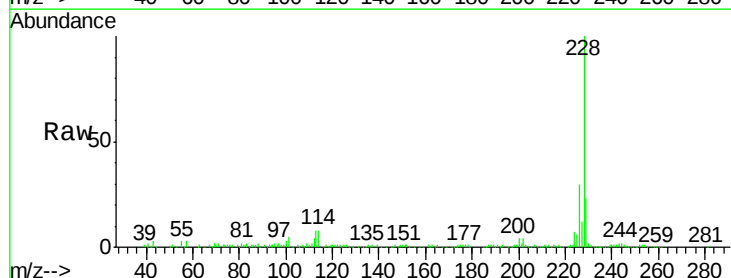
Instrument :
BNA_F
ClientSampleId :
BLACK-FILL1-0-5FT-COMP

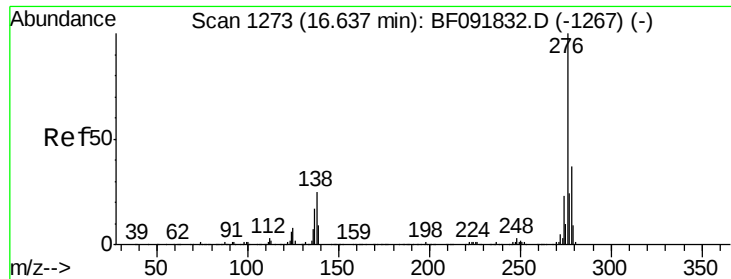
Tgt Ion:228 Resp: 223340
Ion Ratio Lower Upper
228 100
226 30.3 22.4 33.6
229 22.5 16.2 24.4



#82
Chrysene
Concen: 9.66 ng
RT: 13.70 min Scan# 1042
Delta R.T. -0.11 min
Lab File: BF092386.D
Acq: 20 Jan 2017 21:36

Tgt Ion:228 Resp: 184988
Ion Ratio Lower Upper
228 100
226 30.0 25.4 38.0
229 22.8 16.2 24.2

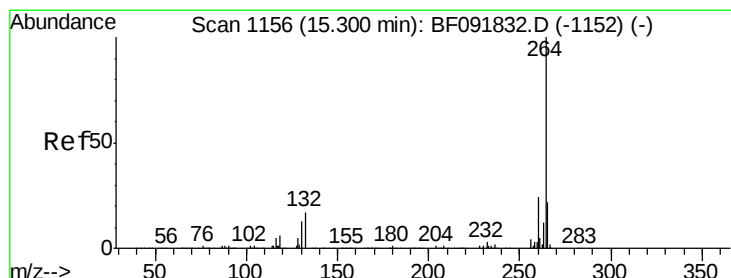
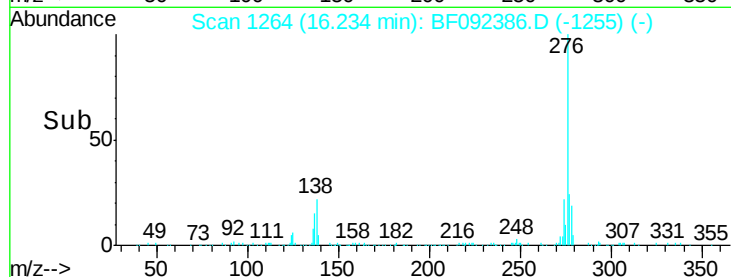
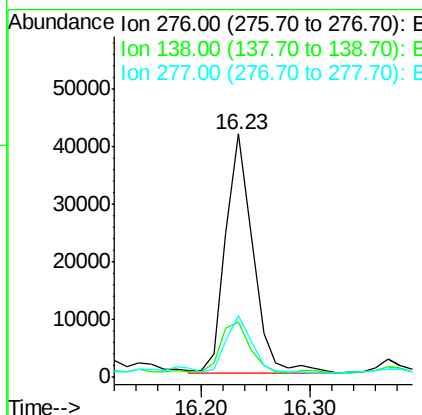
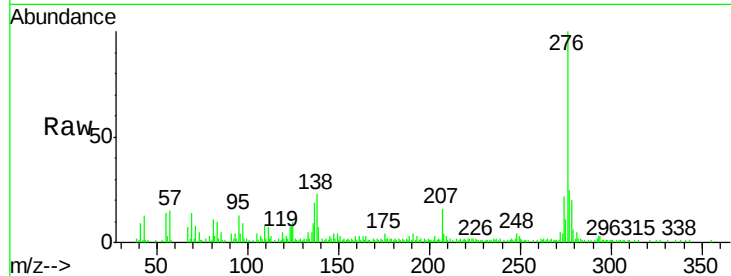




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.37 ng
 RT: 16.23 min Scan# 1264
 Delta R.T. -0.19 min
 Lab File: BF092386.D
 Acq: 20 Jan 2017 21:36

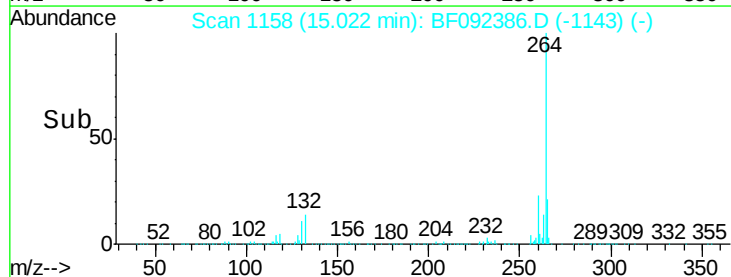
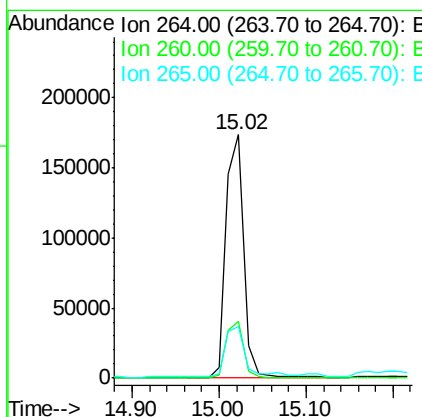
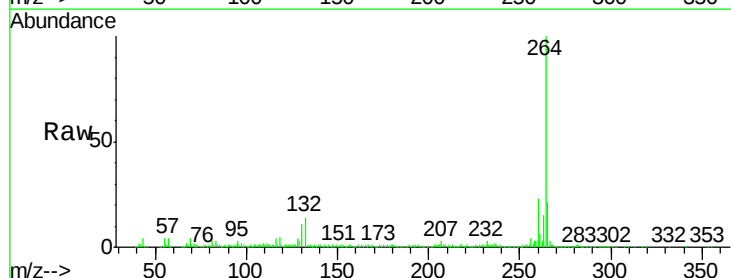
Instrument :
 BNA_F
 ClientSampleId :
 BLACK-FILL1-0-5FT-COMP

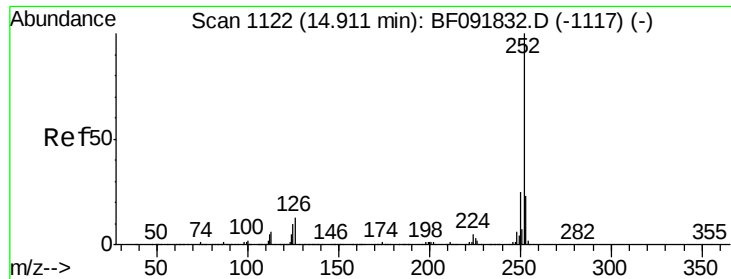
Tgt Ion: 276 Resp: 72444
 Ion Ratio Lower Upper
 276 100
 138 23.6 21.8 32.6
 277 24.0 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.02 min Scan# 1158
 Delta R.T. -0.12 min
 Lab File: BF092386.D
 Acq: 20 Jan 2017 21:36

Tgt Ion: 264 Resp: 245909
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.3 17.4 26.0

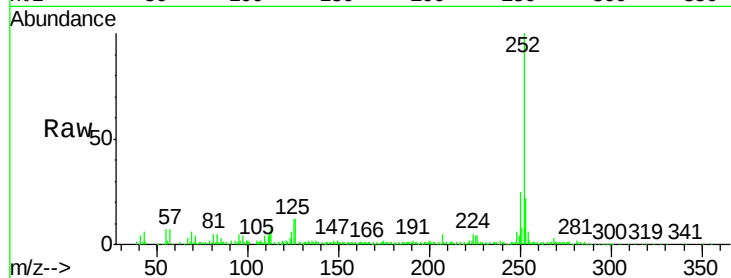




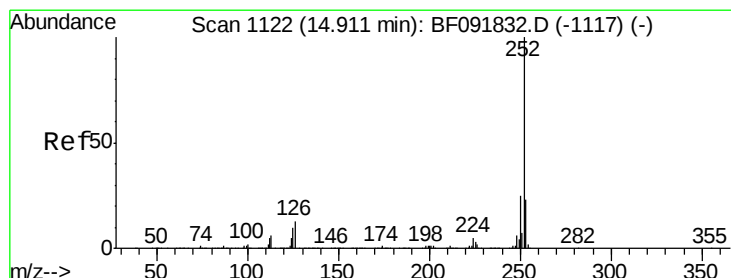
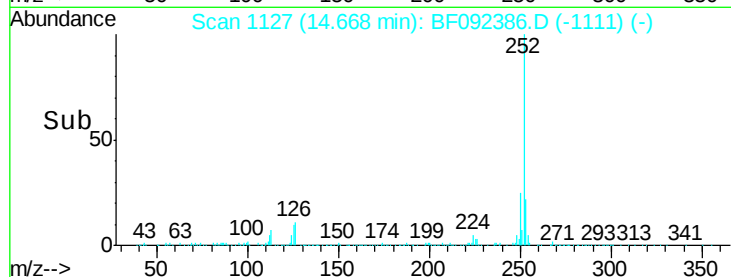
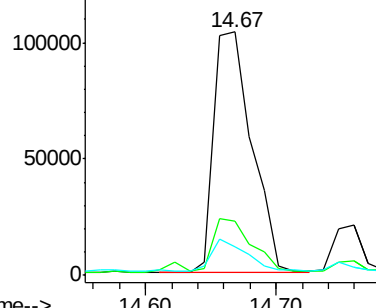
#87
Benzo(b)fluoranthene
Concen: 13.78 ng
RT: 14.67 min Scan# 1127
Delta R.T. -0.11 min
Lab File: BF092386.D
Acq: 20 Jan 2017 21:36

Instrument :
BNA_F
ClientSampleId :
BLACK-FILL1-0-5FT-COMP

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	11.8	9.8	14.6

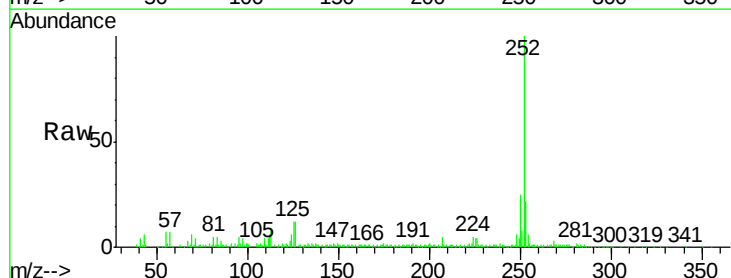


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

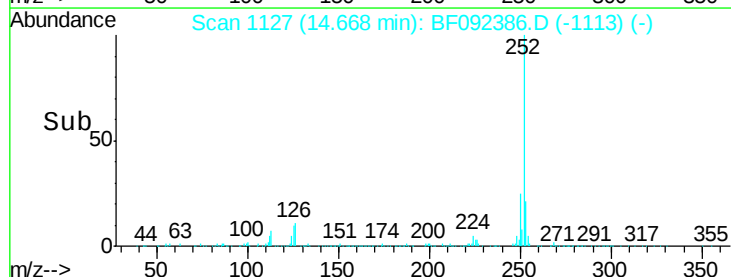
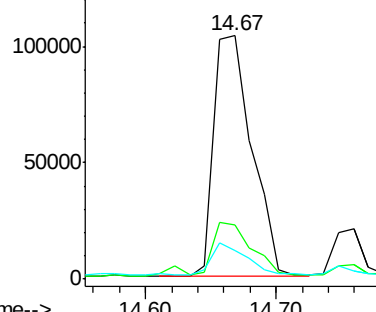


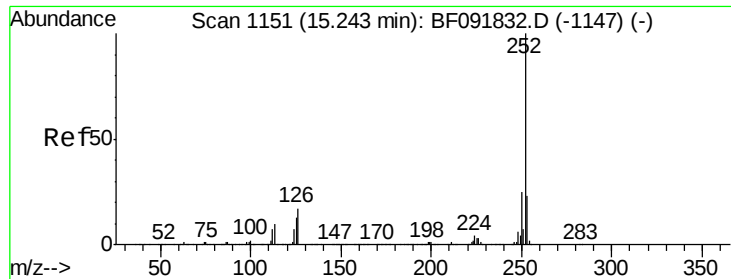
#88
Benzo(k)fluoranthene
Concen: 16.16 ng
RT: 14.67 min Scan# 1127
Delta R.T. -0.13 min
Lab File: BF092386.D
Acq: 20 Jan 2017 21:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.5	27.7
125	11.8	8.9	13.3



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: 9.02 ng

RT: 14.97 min Scan# 1153

Delta R.T. -0.13 min

Lab File: BF092386.D

Acq: 20 Jan 2017 21:36

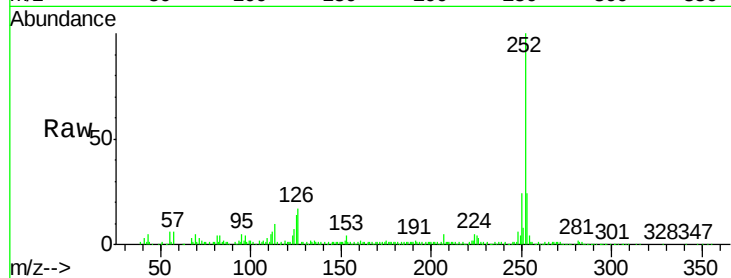
Instrument :

BNA_F

ClientSampled :

BLACK-FILL1-0-5FT-COMP

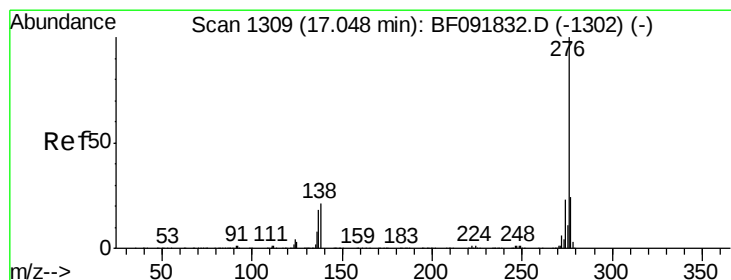
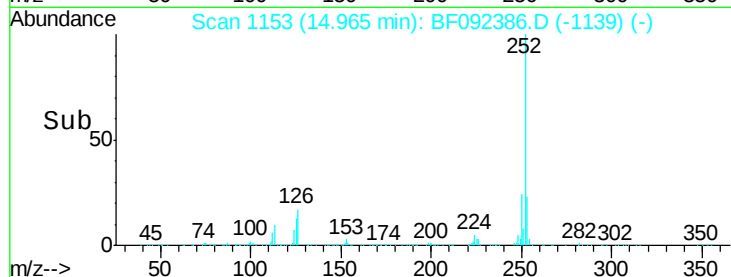
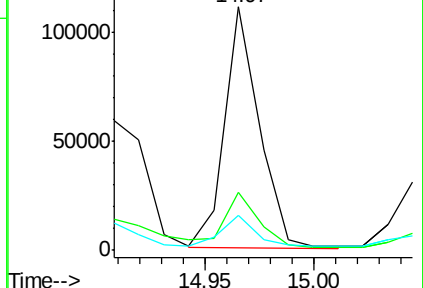
Tgt Ion:	252	Resp:	122551
Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	14.3	10.0	15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 6.16 ng

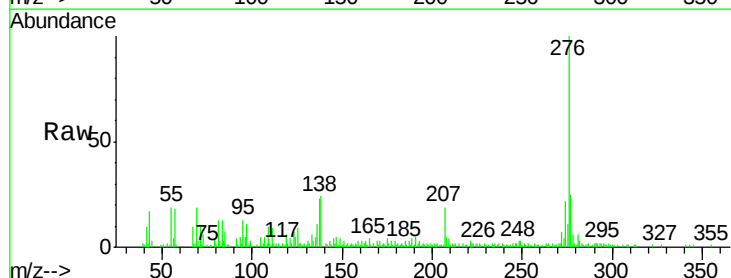
RT: 16.60 min Scan# 1296

Delta R.T. -0.20 min

Lab File: BF092386.D

Acq: 20 Jan 2017 21:36

Tgt Ion:	276	Resp:	71598
Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.2	28.8
138	24.4	16.0	24.0#



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

