

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
 Data File : BF087756.D
 Acq On : 6 Jun 2016 17:14
 Operator : UM/SJ
 Sample : H3267-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-1437(0-4)

Quant Time: Jun 07 01:14:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	117727	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	479609	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	191853	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	332281	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	241436	20.00	ng	-0.01
86) Perylene-d12	15.44	264	207335	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	889812	122.17	ng	0.00
7) Phenol-d6	6.49	99	1128905	123.59	ng	0.00
23) Nitrobenzene-d5	7.42	82	639929	77.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	209080	108.57	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1126542	92.96	ng	-0.02
78) Terphenyl-d14	12.96	244	729735	73.75	ng	-0.01

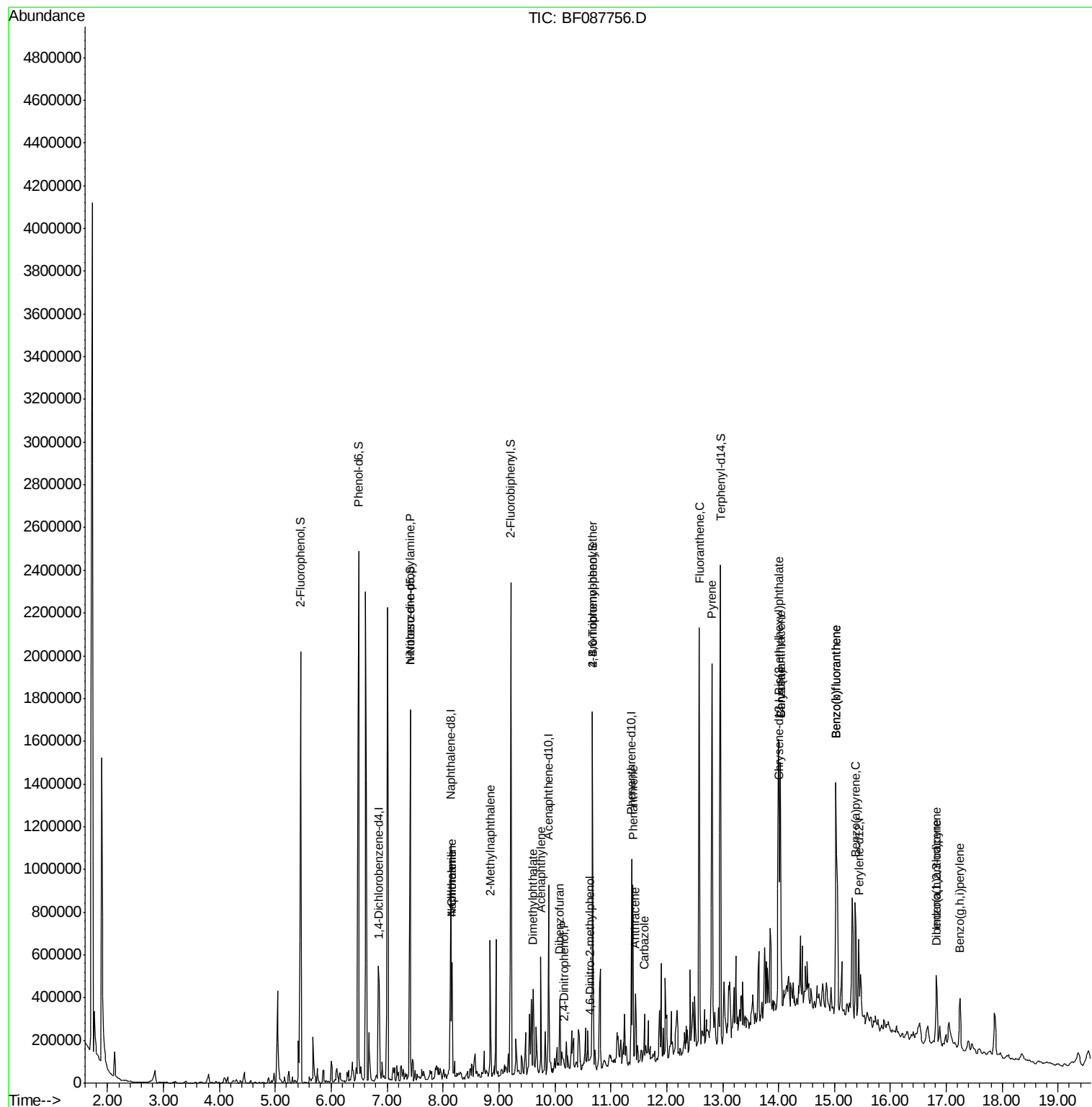
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	88487	15.51	ng	# 74
31) Naphthalene	8.16	128	254044	10.89	ng	98
33) 4-Chloroaniline	8.16	127	33582	3.32	ng	# 33
37) 2-Methylnaphthalene	8.84	142	184593	11.99	ng	# 96
48) Acenaphthylene	9.75	152	175303	9.07	ng	98
49) Dimethylphthalate	9.61	163	148696	10.66	ng	98
53) 2,4-Dinitrophenol	10.17	184	1199	4.67	ng	# 84
54) Dibenzofuran	10.09	168	76394	4.51	ng	# 88
60) 4-Chlorophenyl-phenylether	10.24	204	1181	Below Cal		# 1
64) 4,6-Dinitro-2-methylphenol	10.63	198	232	2.14	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	12287	3.73	ng	# 1
70) Phenanthrene	11.39	178	291389	16.17	ng	99
71) Anthracene	11.44	178	156082	8.65	ng	99
72) Carbazole	11.60	167	87110	5.10	ng	98
74) Fluoranthene	12.58	202	714220	40.29	ng	99
77) Pyrene	12.81	202	722073	42.00	ng	99
80) Benzo(a)anthracene	14.03	228	481111	34.53	ng	95
82) Chrysene	14.03	228	481109	34.69	ng	97
83) Bis(2-ethylhexyl)phthalate	14.00	149	17855	2.05	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.82	276	213699	18.64	ng	# 100
87) Benzo(b)fluoranthene	15.03	252	817129	60.59	ng	# 94
88) Benzo(k)fluoranthene	15.03	252	817129	72.82	ng	99
89) Benzo(a)pyrene	15.37	252	301109	26.56	ng	97
90) Dibenzo(a,h)anthracene	16.83	278	54902	5.69	ng	95
91) Benzo(g,h,i)perylene	17.25	276	191406	19.66	ng	97

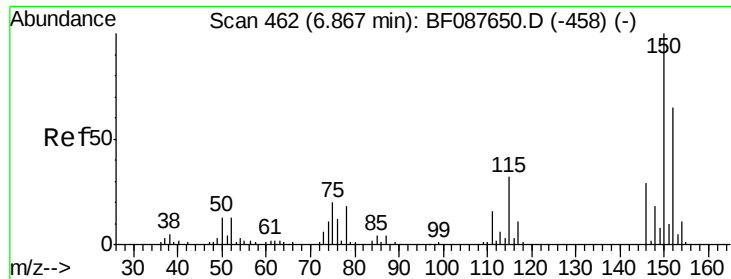
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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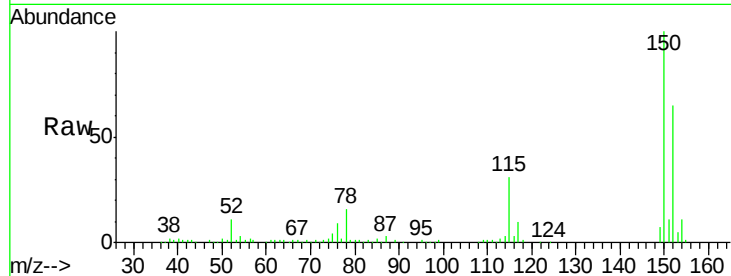


#1

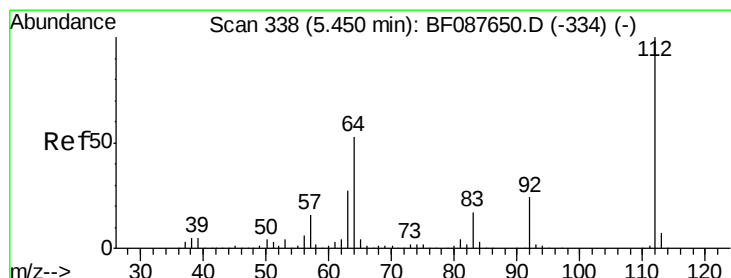
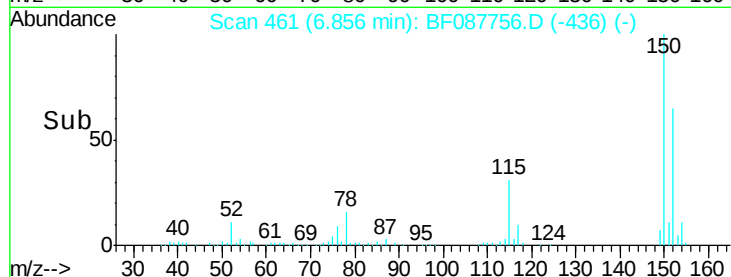
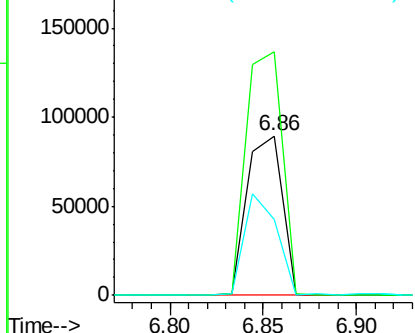
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF087756.D
Acq: 6 Jun 2016 17:14

Instrument :
BNA_F
ClientSampleId :
SC-1437(0-4)

Tgt Ion:152 Resp: 117727
Ion Ratio Lower Upper
152 100
150 152.8 123.8 185.6
115 47.4 39.6 59.4



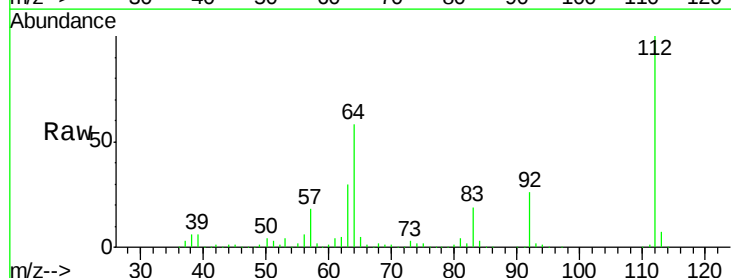
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



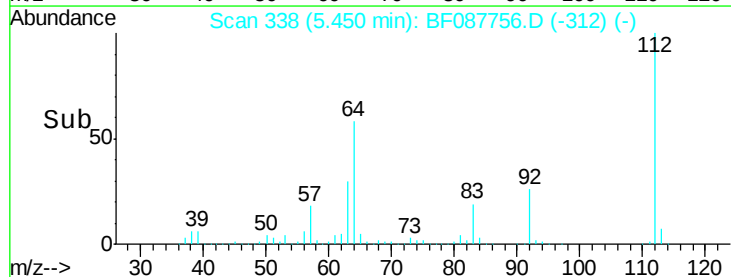
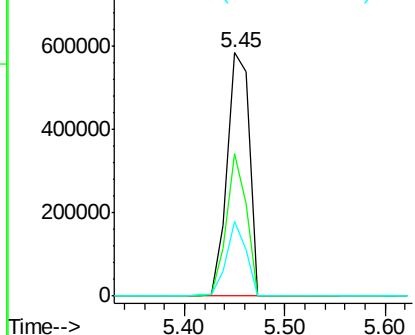
#5

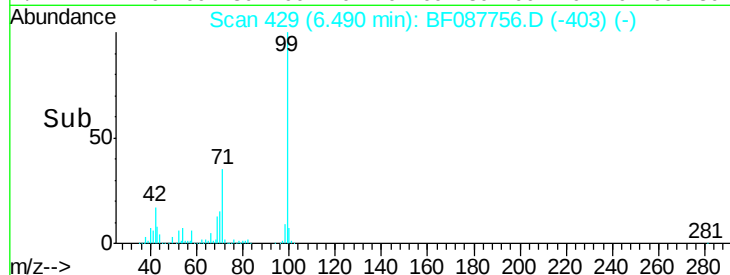
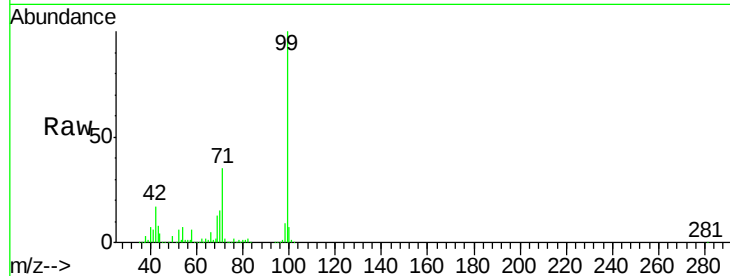
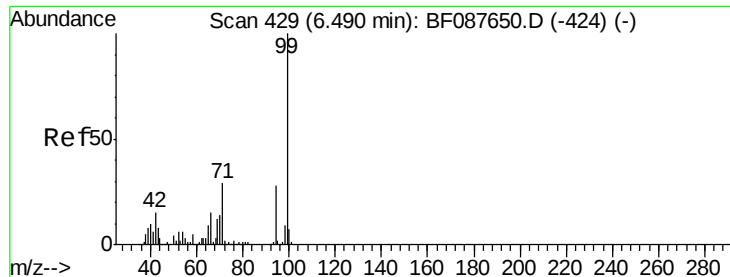
2-Fluorophenol
Concen: 122.17 ng
RT: 5.45 min Scan# 338
Delta R.T. -0.00 min
Lab File: BF087756.D
Acq: 6 Jun 2016 17:14

Tgt Ion:112 Resp: 889812
Ion Ratio Lower Upper
112 100
64 58.4 42.2 63.2
63 30.4 21.8 32.8



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





#7

Phenol-d6

Concen: 123.59 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087756.D

Acq: 6 Jun 2016 17:14

Instrument :

BNA_F

ClientSampleId :

SC-1437(0-4)

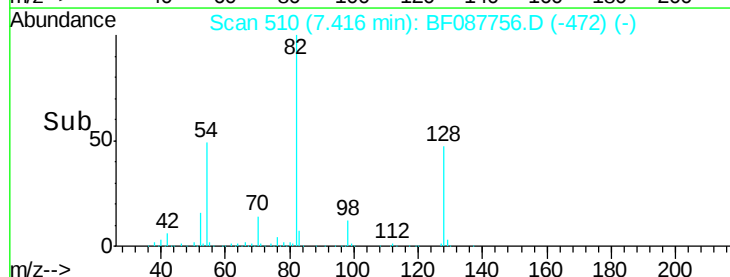
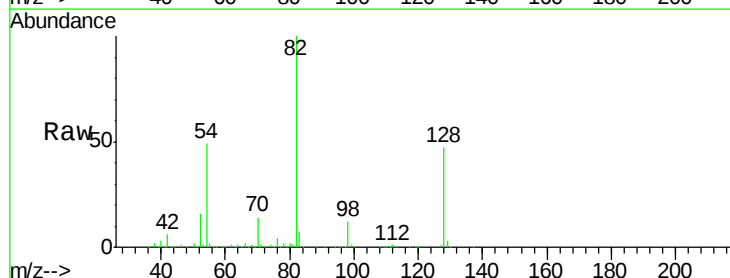
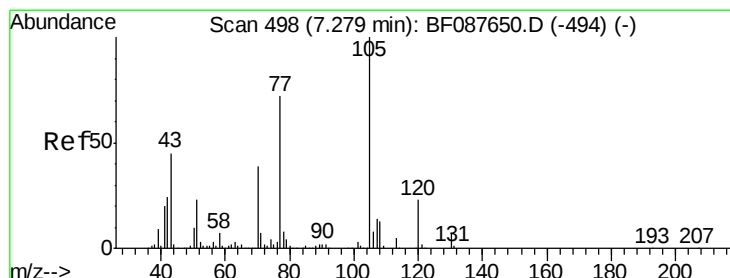
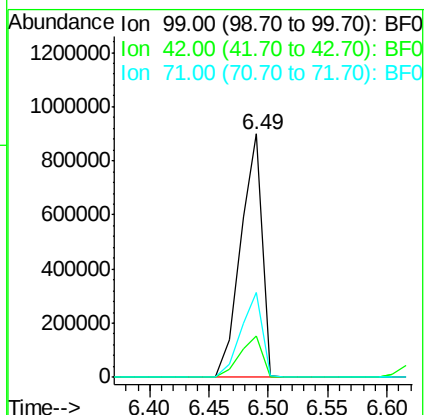
Tgt Ion: 99 Resp: 1128905

Ion Ratio Lower Upper

99 100

42 16.8 12.2 18.2

71 34.7 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.51 ng

RT: 7.42 min Scan# 510

Delta R.T. 0.14 min

Lab File: BF087756.D

Acq: 6 Jun 2016 17:14

Tgt Ion: 70 Resp: 88487

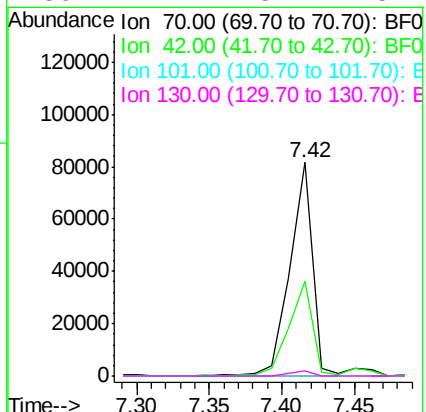
Ion Ratio Lower Upper

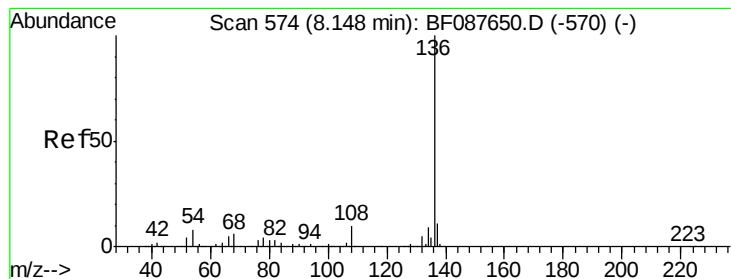
70 100

42 44.5 49.6 74.4#

101 0.0 7.1 10.7#

130 2.2 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF087756.D

Acq: 6 Jun 2016 17:14

Instrument :

BNA_F

ClientSampleId :

SC-1437(0-4)

Tgt Ion:136 Resp: 479609

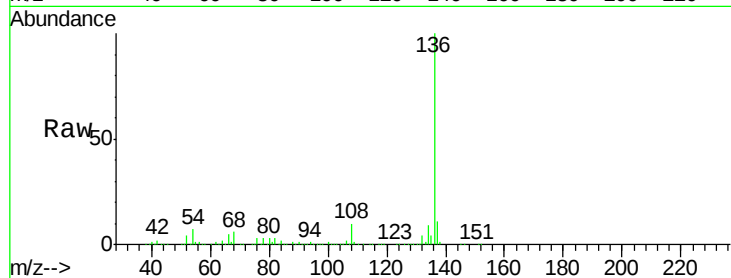
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.1 6.6 10.0

68 5.6 5.1 7.7

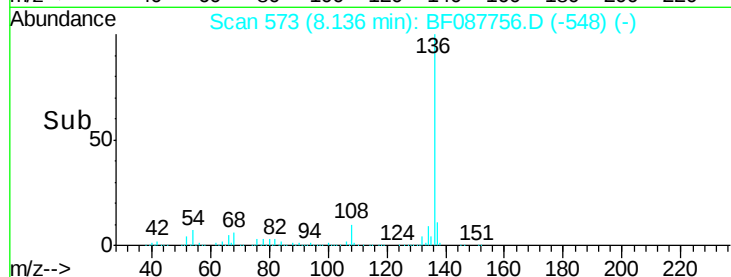


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

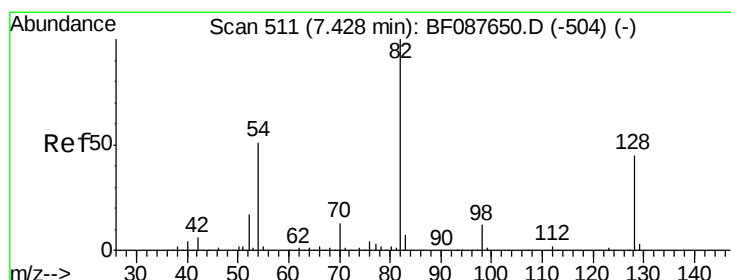
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

8.05 8.10 8.15 8.20



#23

Nitrobenzene-d5

Concen: 77.20 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF087756.D

Acq: 6 Jun 2016 17:14

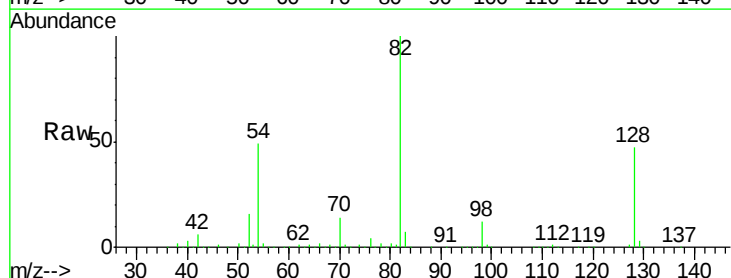
Tgt Ion: 82 Resp: 639929

Ion Ratio Lower Upper

82 100

128 47.0 35.9 53.9

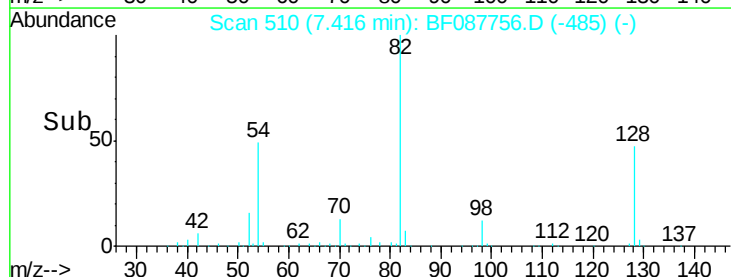
54 49.2 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

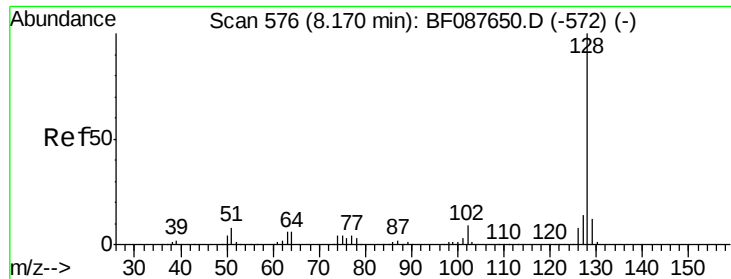
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

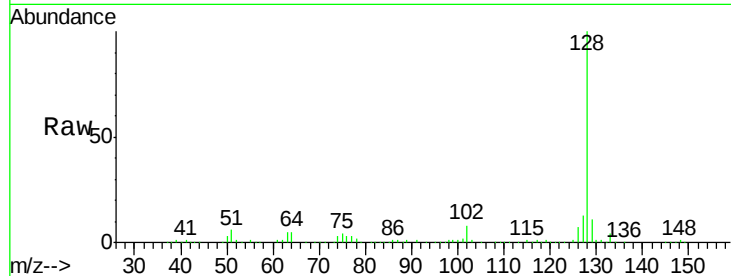
7.30 7.40 7.50



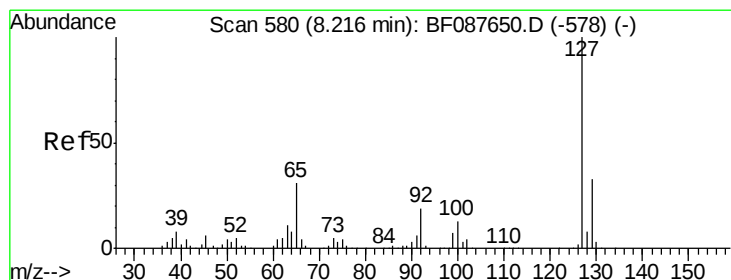
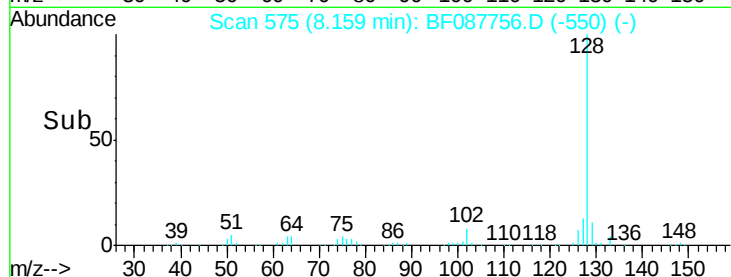
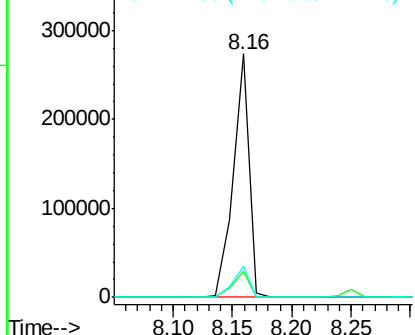
#31
Naphthalene
Concen: 10.89 ng
RT: 8.16 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF087756.D
Acq: 6 Jun 2016 17:14

Instrument :
BNA_F
ClientSampleId :
SC-1437(0-4)

Tgt Ion:128 Resp: 254044
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.2
127 13.0 10.9 16.3

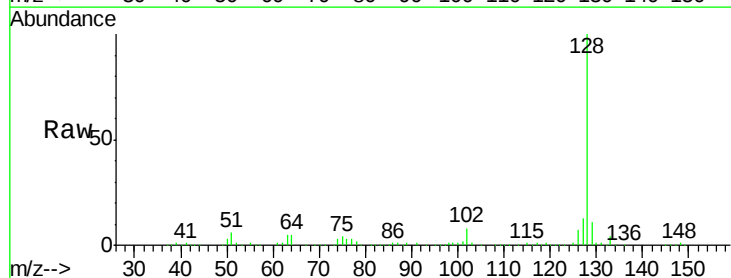


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

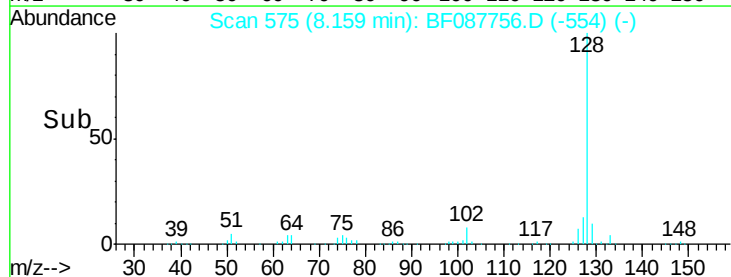
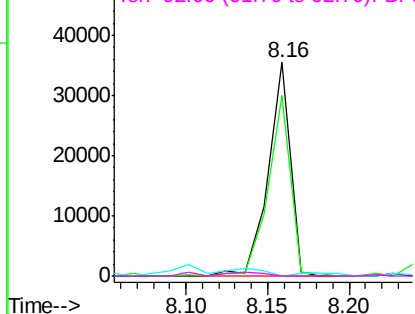


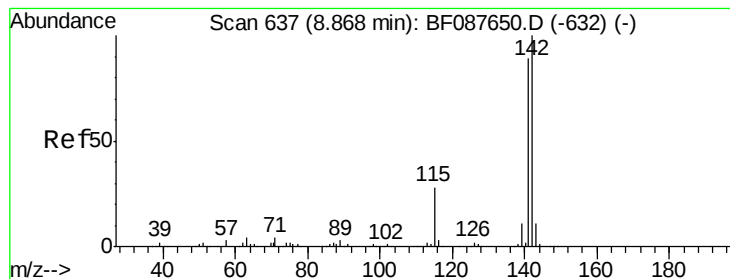
#33
4-Chloroaniline
Concen: 3.32 ng
RT: 8.16 min Scan# 575
Delta R.T. -0.06 min
Lab File: BF087756.D
Acq: 6 Jun 2016 17:14

Tgt Ion:127 Resp: 33582
Ion Ratio Lower Upper
127 100
129 84.4 26.3 39.5#
65 0.0 24.7 37.1#
92 0.0 15.4 23.0#



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): BF0
Ion 92.00 (91.70 to 92.70): BF0





#37

2-Methylnaphthalene

Concen: 11.99 ng

RT: 8.84 min Scan# 635

Delta R.T. -0.02 min

Lab File: BF087756.D

Acq: 6 Jun 2016 17:14

Instrument :

BNA_F

ClientSampleId :

SC-1437(0-4)

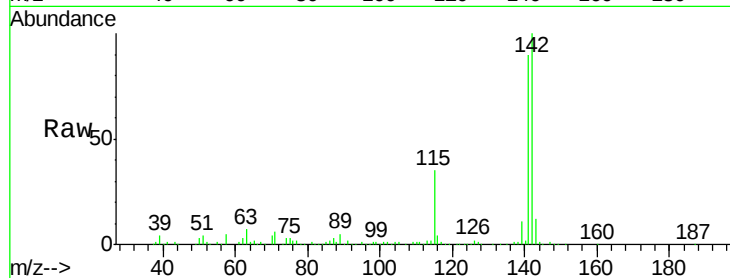
Tgt Ion:142 Resp: 184593

Ion Ratio Lower Upper

142 100

141 90.5 71.0 106.6

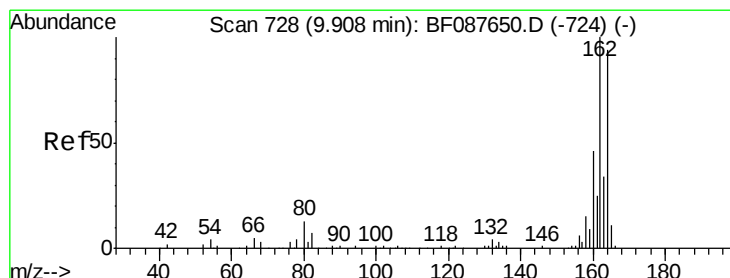
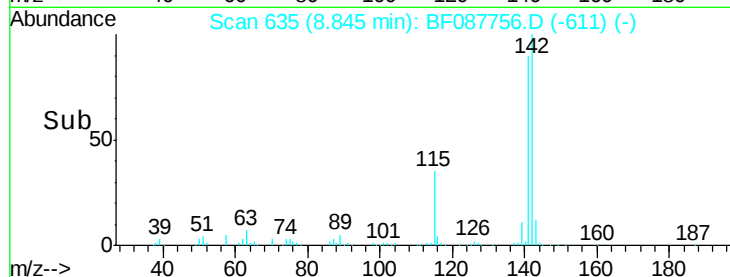
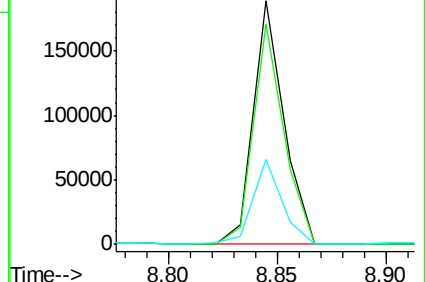
115 34.9 22.6 33.8#



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: 9.88 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF087756.D

Acq: 6 Jun 2016 17:14

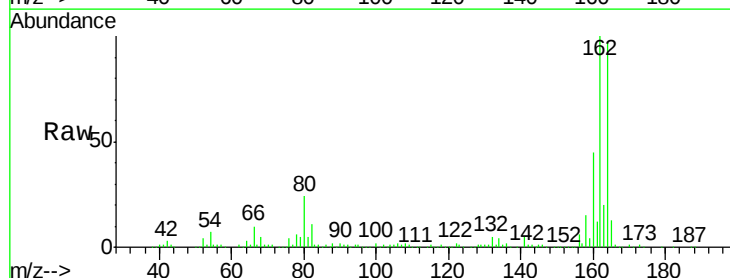
Tgt Ion:164 Resp: 191853

Ion Ratio Lower Upper

164 100

162 103.0 85.4 128.2

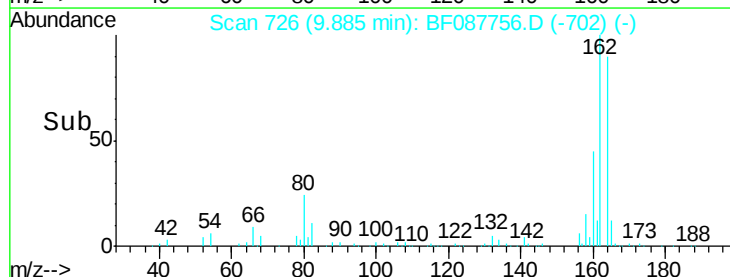
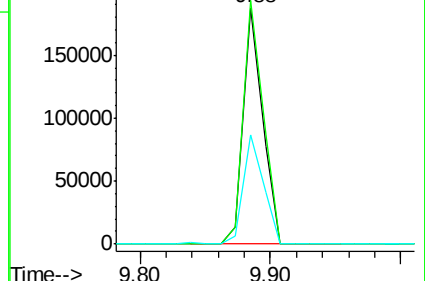
160 46.0 39.5 59.3

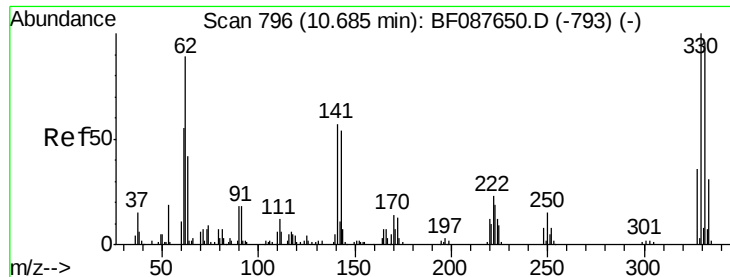


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

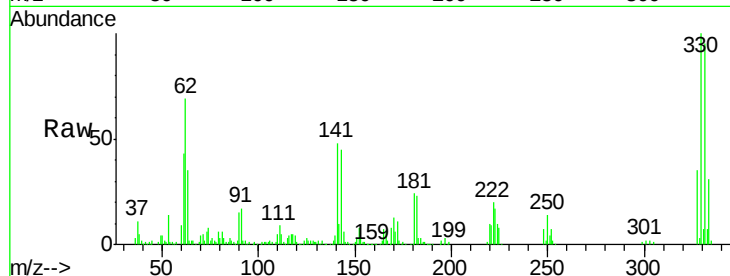




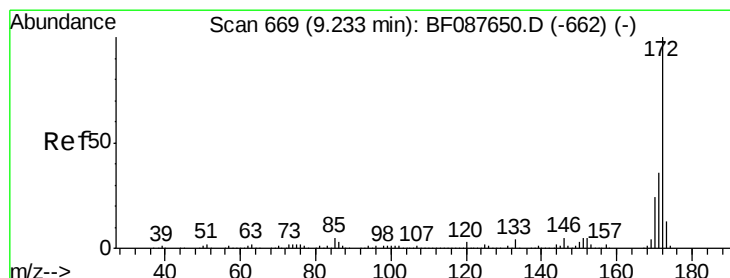
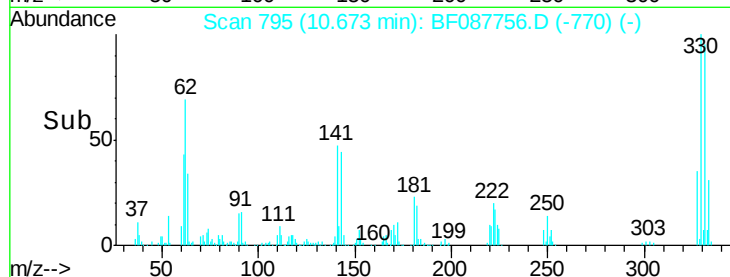
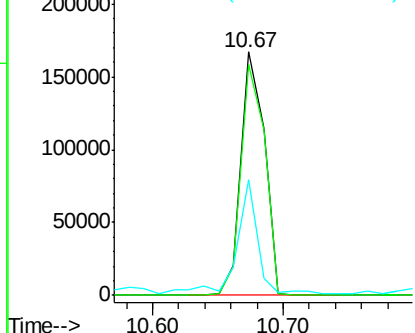
#41
 2,4,6-Tribromophenol
 Concen: 108.57 ng
 RT: 10.67 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF087756.D
 Acq: 6 Jun 2016 17:14

Instrument :
 BNA_F
 ClientSampleId :
 SC-1437(0-4)

Tgt Ion:330 Resp: 209080
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 41.7 0.0 0.0#

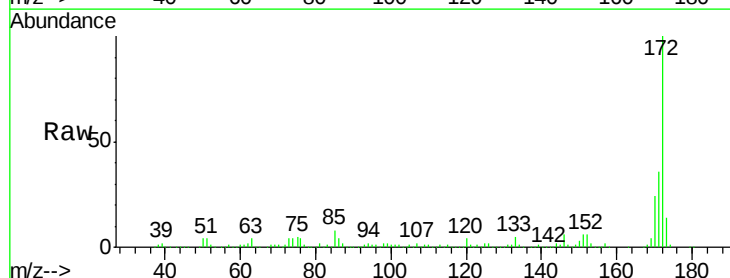


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

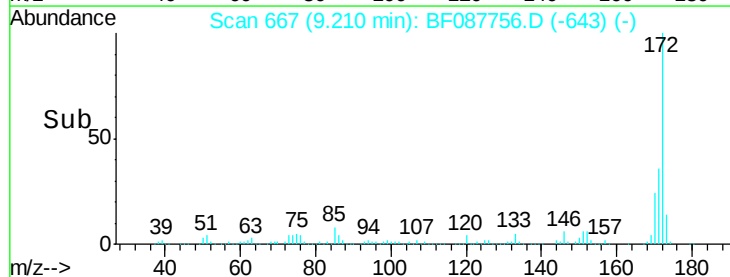
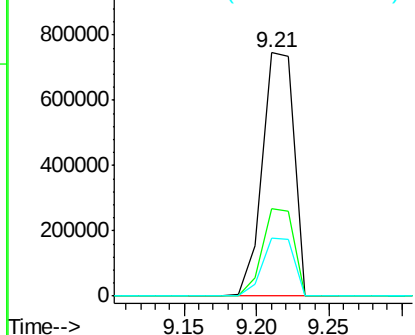


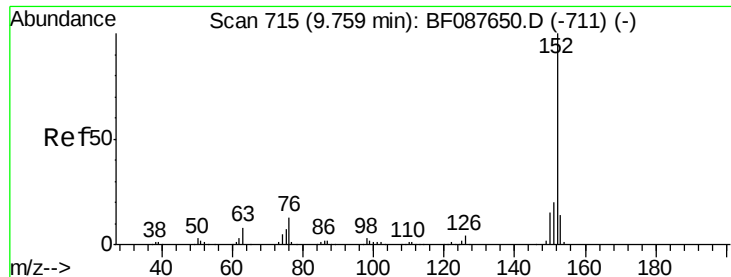
#44
 2-Fluorobiphenyl
 Concen: 92.96 ng
 RT: 9.21 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF087756.D
 Acq: 6 Jun 2016 17:14

Tgt Ion:172 Resp: 1126542
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 24.0 19.2 28.8



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





#48

Acenaphthylene

Concen: 9.07 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF087756.D

Acq: 6 Jun 2016 17:14

Instrument :

BNA_F

ClientSampleId :

SC-1437(0-4)

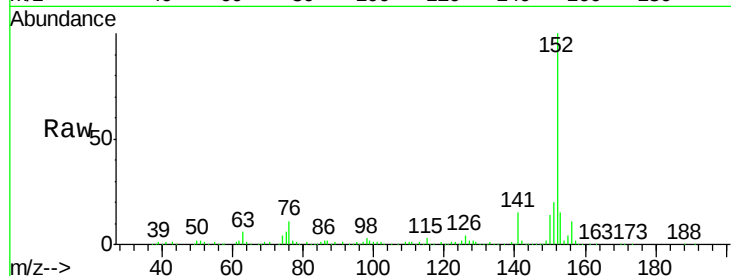
Tgt Ion:152 Resp: 175303

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.4

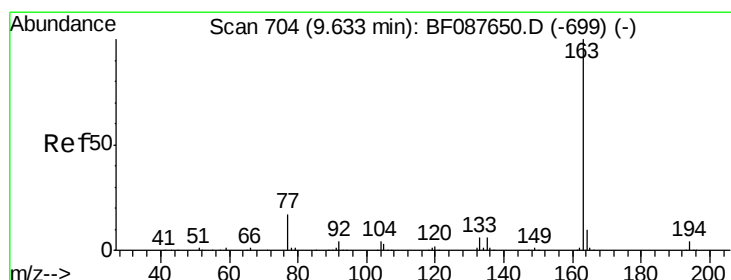
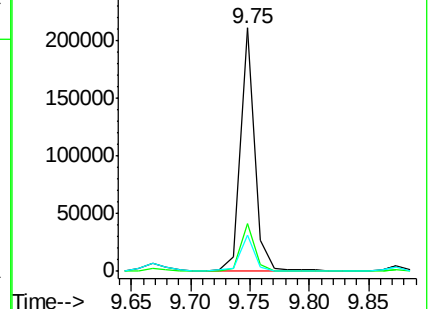
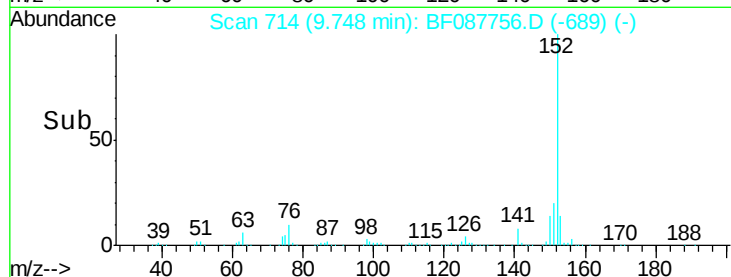
153 15.0 11.0 16.6



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



#49

Dimethylphthalate

Concen: 10.66 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF087756.D

Acq: 6 Jun 2016 17:14

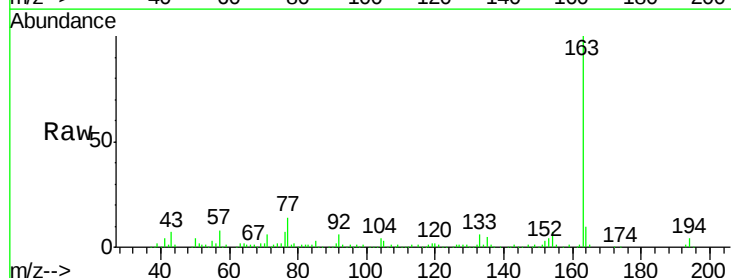
Tgt Ion:163 Resp: 148696

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

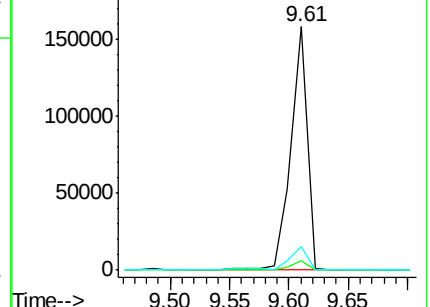
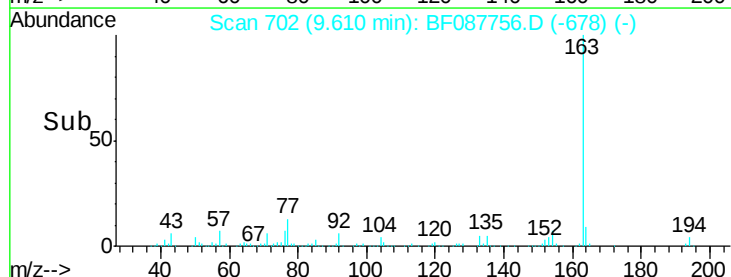
164 9.6 8.3 12.5

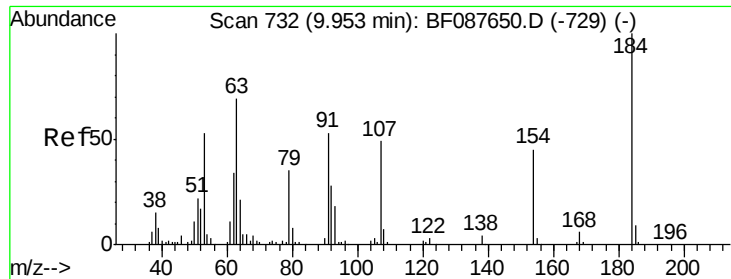


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

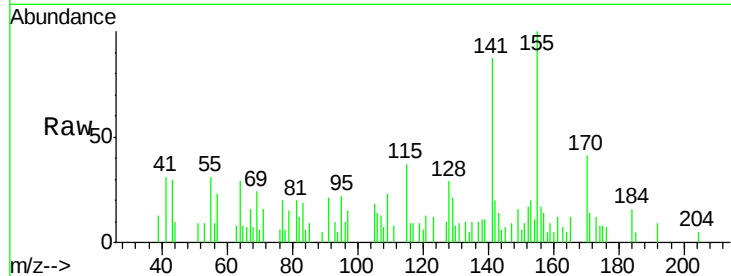




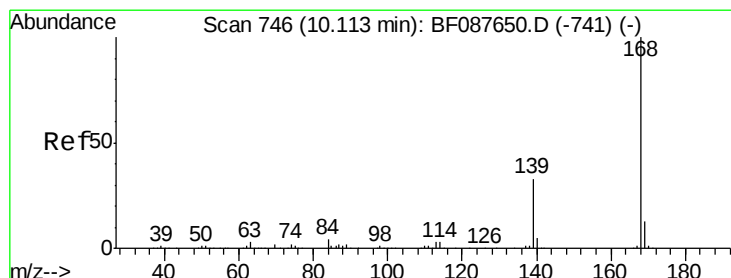
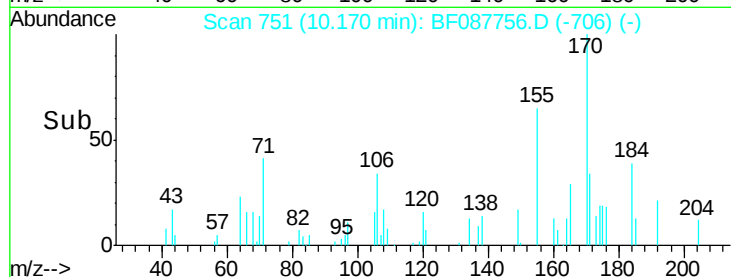
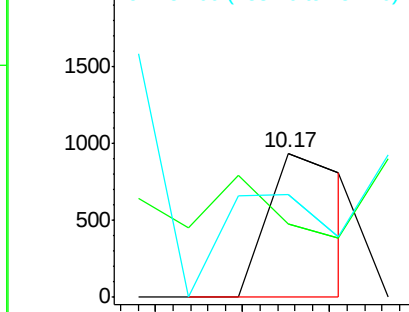
#53
2,4-Dinitrophenol
Concen: 4.67 ng
RT: 10.17 min Scan# 751
Delta R.T. 0.22 min
Lab File: BF087756.D
Acq: 6 Jun 2016 17:14

Instrument :
BNA_F
ClientSampleId :
SC-1437(0-4)

Tgt Ion:184 Resp: 1199
Ion Ratio Lower Upper
184 100
63 51.2 57.6 86.4#
154 71.9 53.5 80.3

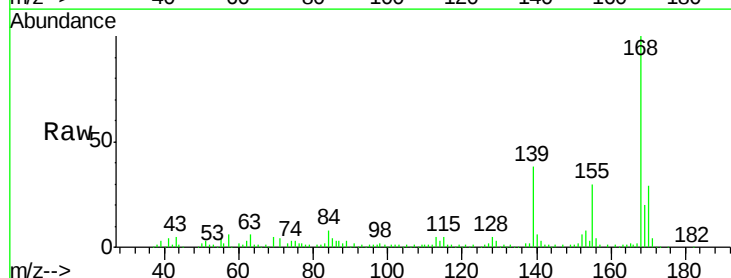


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

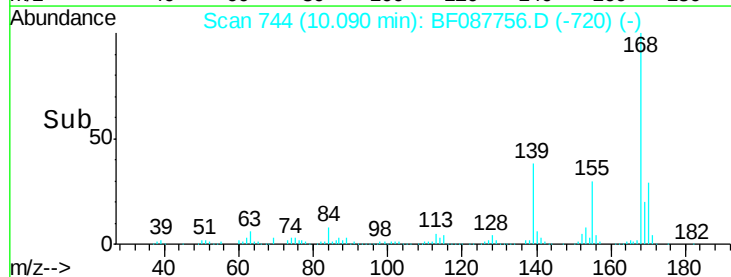
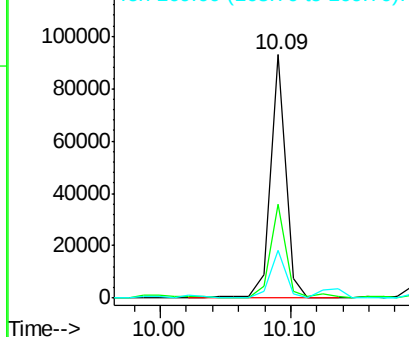


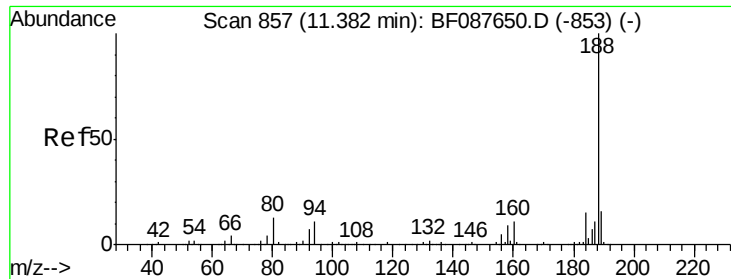
#54
Dibenzofuran
Concen: 4.51 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF087756.D
Acq: 6 Jun 2016 17:14

Tgt Ion:168 Resp: 76394
Ion Ratio Lower Upper
168 100
139 38.4 26.4 39.6
169 19.5 10.4 15.6#



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF087756.D

Acq: 6 Jun 2016 17:14

Instrument :

BNA_F

ClientSampleId :

SC-1437(0-4)

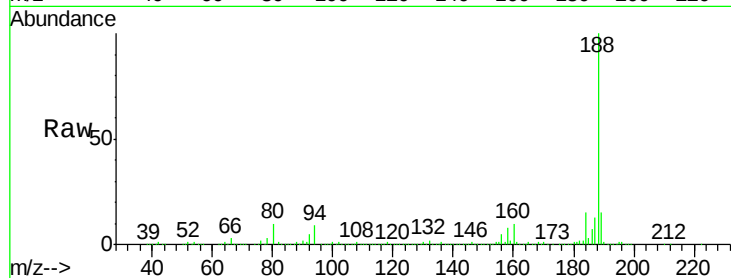
Tgt Ion:188 Resp: 332281

Ion Ratio Lower Upper

188 100

94 9.3 9.0 13.6

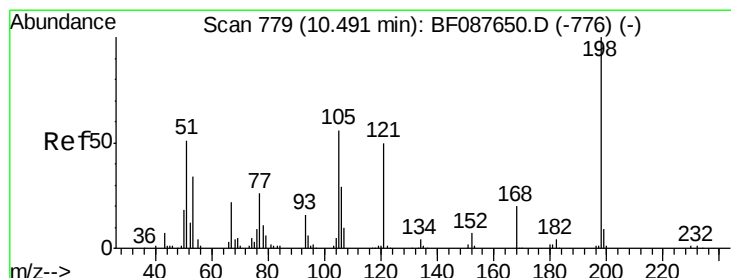
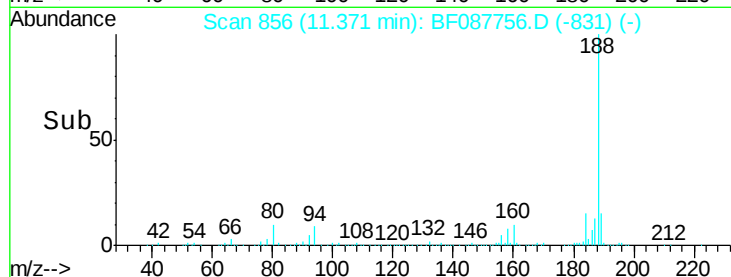
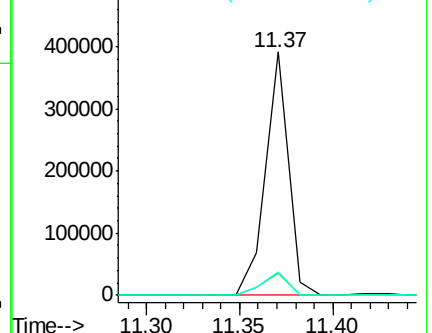
80 9.6 10.0 15.0#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 2.14 ng

RT: 10.63 min Scan# 791

Delta R.T. 0.14 min

Lab File: BF087756.D

Acq: 6 Jun 2016 17:14

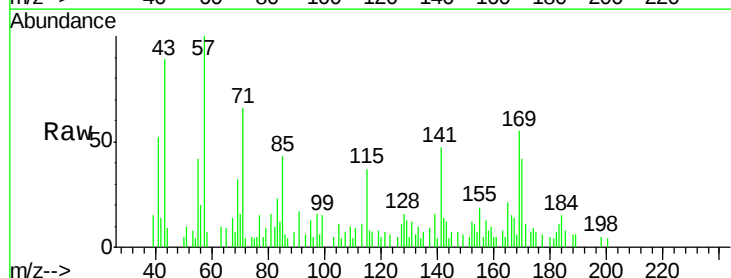
Tgt Ion:198 Resp: 232

Ion Ratio Lower Upper

198 100

51 214.7 39.6 79.6#

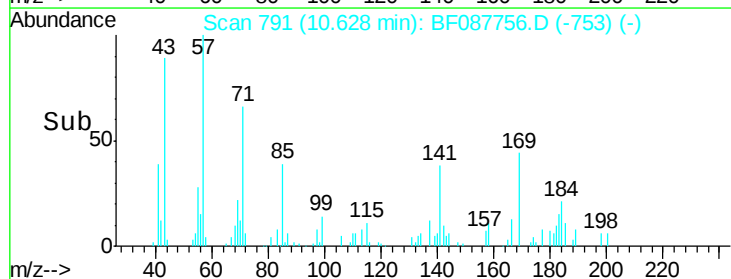
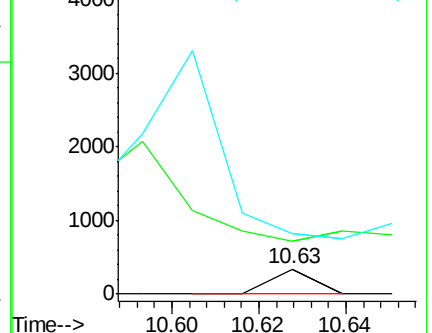
105 241.6 36.6 76.6#

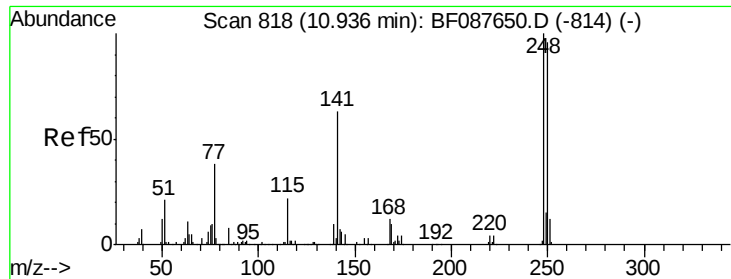


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

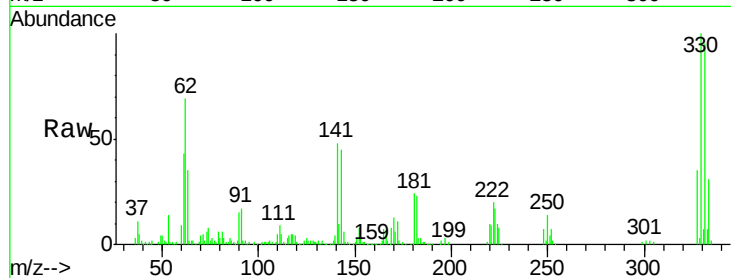




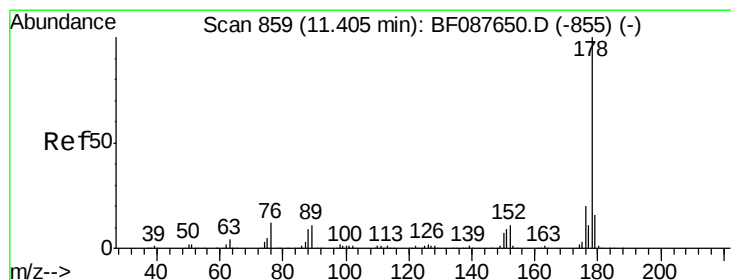
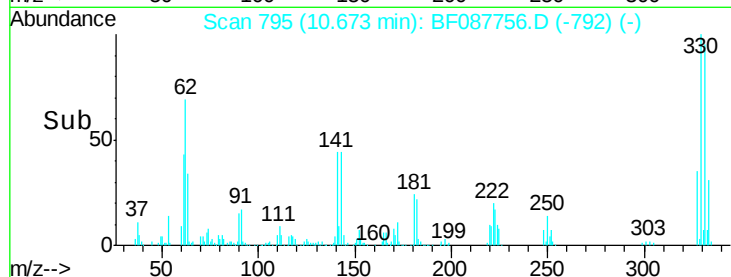
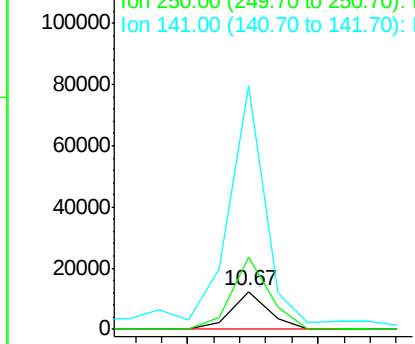
#66
 4-Bromophenyl-phenylether
 Concen: 3.73 ng
 RT: 10.67 min Scan# 795
 Delta R.T. -0.26 min
 Lab File: BF087756.D
 Acq: 6 Jun 2016 17:14

Instrument :
 BNA_F
 ClientSampleId :
 SC-1437(0-4)

Tgt Ion:248 Resp: 12287
 Ion Ratio Lower Upper
 248 100
 250 190.2 77.1 115.7#
 141 647.8 50.6 76.0#

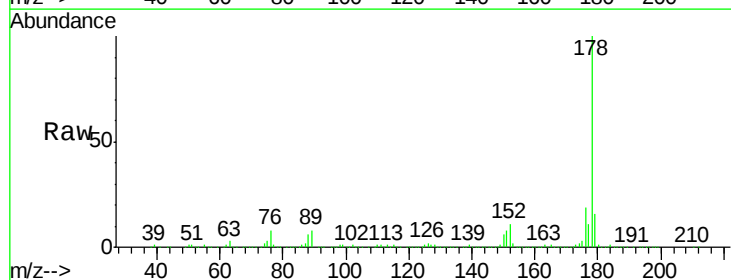


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

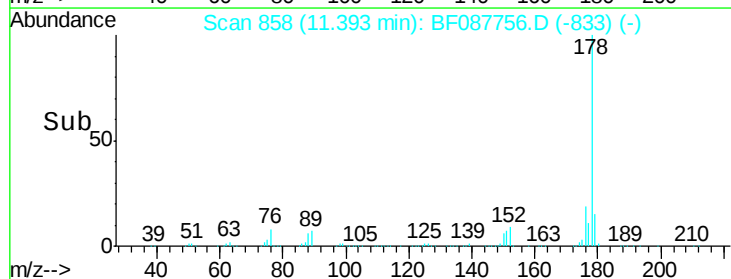
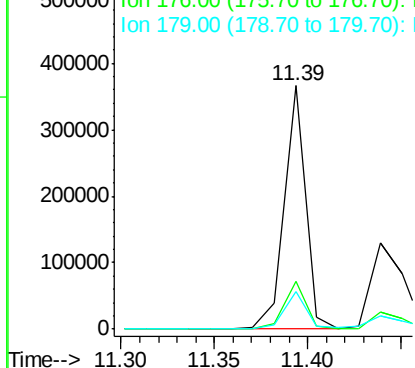


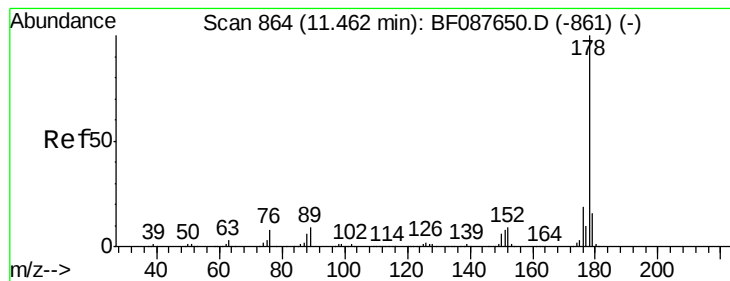
#70
 Phenanthrene
 Concen: 16.17 ng
 RT: 11.39 min Scan# 858
 Delta R.T. -0.01 min
 Lab File: BF087756.D
 Acq: 6 Jun 2016 17:14

Tgt Ion:178 Resp: 291389
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.6
 179 15.5 13.0 19.4



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: 8.65 ng

RT: 11.44 min Scan# 862

Delta R.T. -0.02 min

Lab File: BF087756.D

Acq: 6 Jun 2016 17:14

Instrument :

BNA_F

ClientSampleId :

SC-1437(0-4)

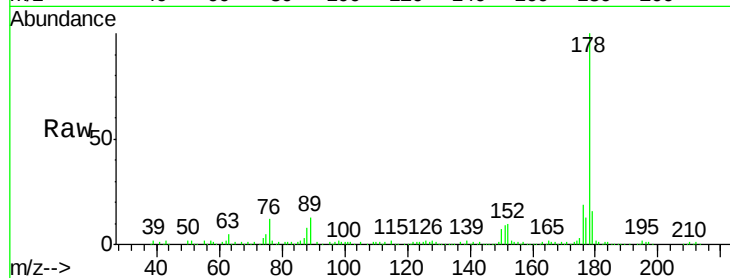
Tgt Ion:178 Resp: 156082

Ion Ratio Lower Upper

178 100

176 19.0 15.6 23.4

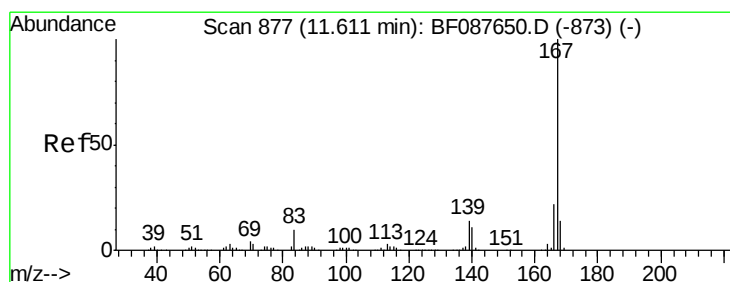
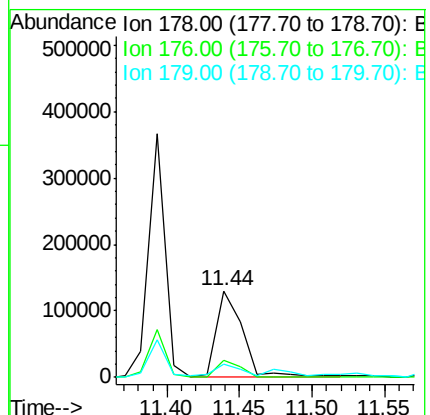
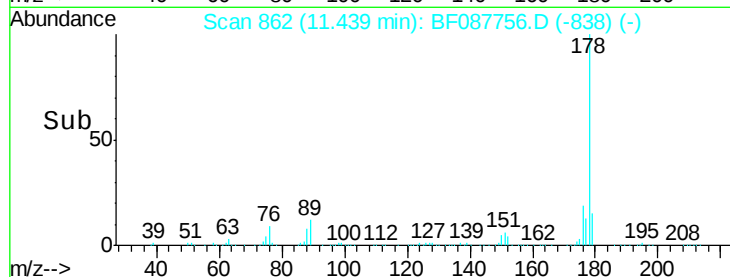
179 16.0 12.8 19.2



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



#72

Carbazole

Concen: 5.10 ng

RT: 11.60 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF087756.D

Acq: 6 Jun 2016 17:14

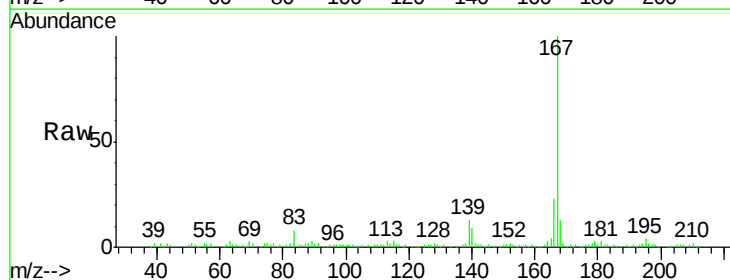
Tgt Ion:167 Resp: 87110

Ion Ratio Lower Upper

167 100

166 22.6 17.8 26.6

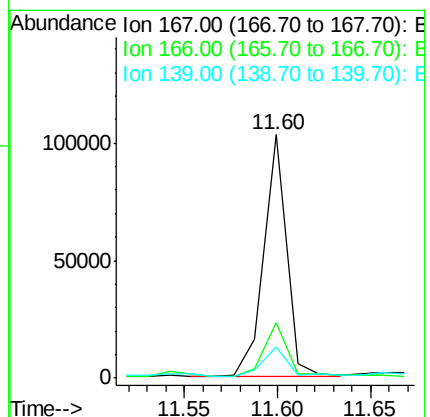
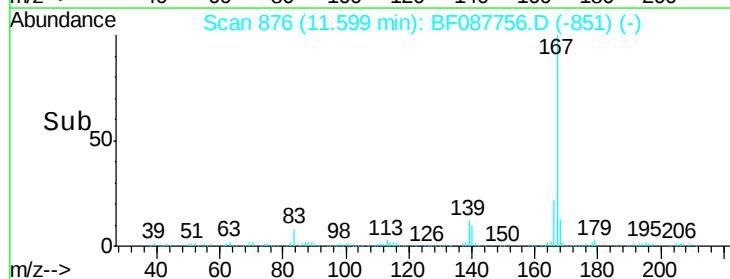
139 12.6 11.2 16.8

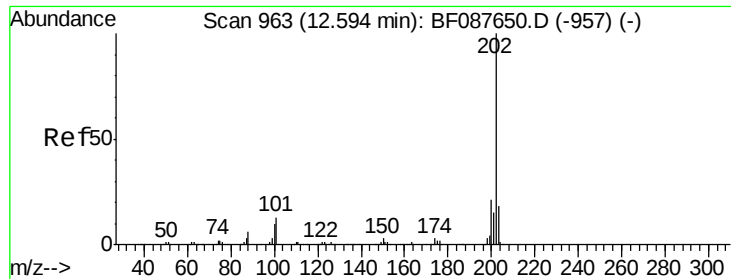


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 40.29 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF087756.D

Acq: 6 Jun 2016 17:14

Instrument :

BNA_F

ClientSampleId :

SC-1437(0-4)

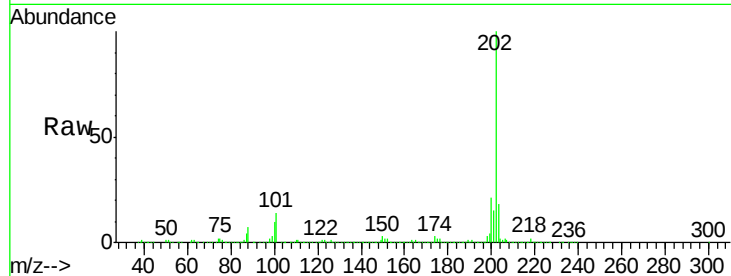
Tgt Ion:202 Resp: 714220

Ion Ratio Lower Upper

202 100

101 14.0 0.0 33.1

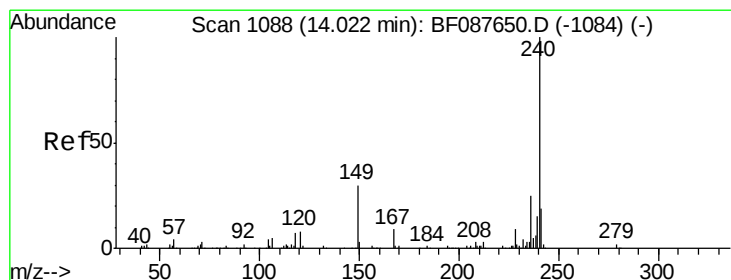
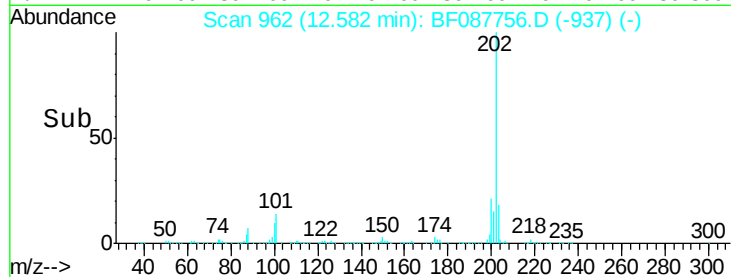
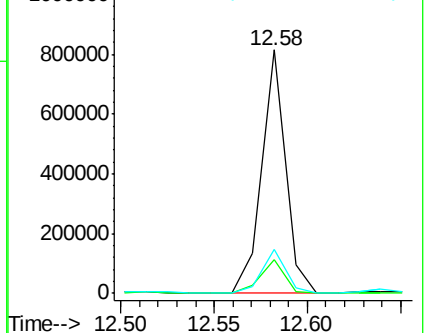
203 18.3 0.0 38.1



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: 20.00 ng

RT: 14.01 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF087756.D

Acq: 6 Jun 2016 17:14

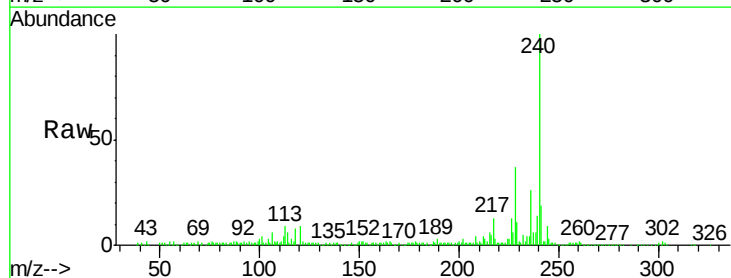
Tgt Ion:240 Resp: 241436

Ion Ratio Lower Upper

240 100

120 9.0 6.8 10.2

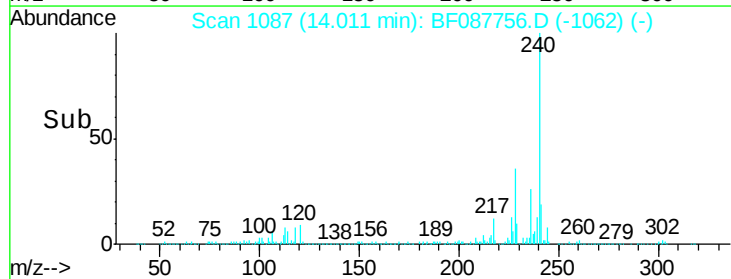
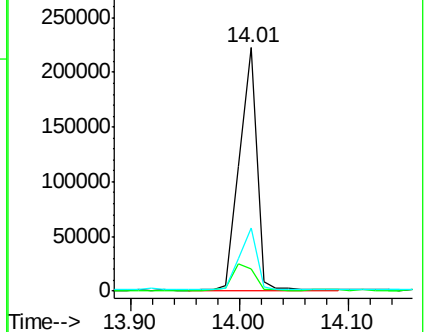
236 25.8 20.2 30.2

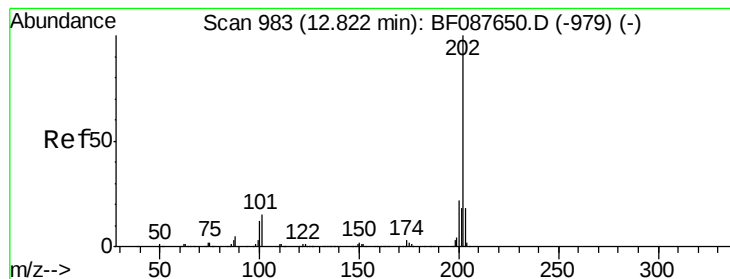


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 42.00 ng

RT: 12.81 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF087756.D

Acq: 6 Jun 2016 17:14

Instrument :

BNA_F

ClientSampleId :

SC-1437(0-4)

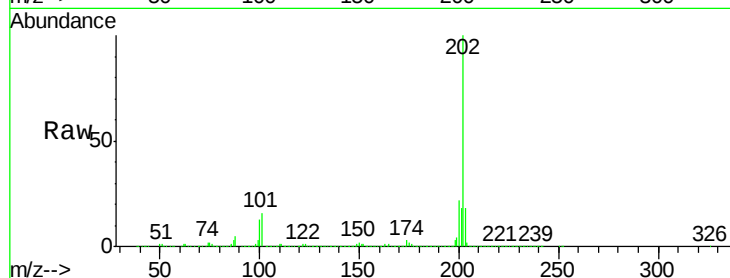
Tgt Ion:202 Resp: 722073

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

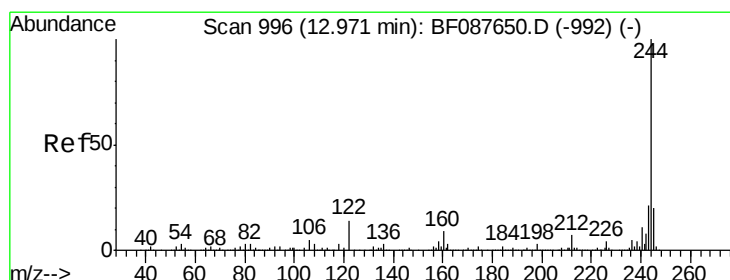
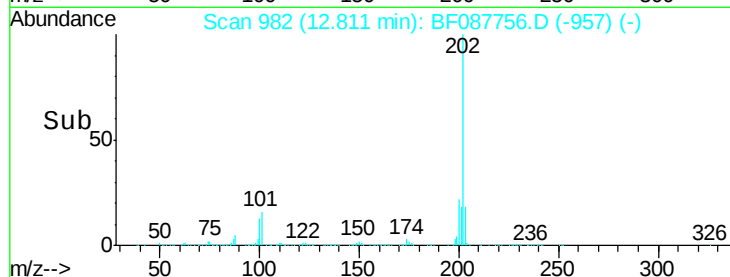
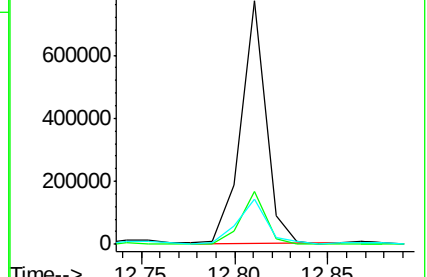
203 18.5 14.5 21.7



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: 73.75 ng

RT: 12.96 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF087756.D

Acq: 6 Jun 2016 17:14

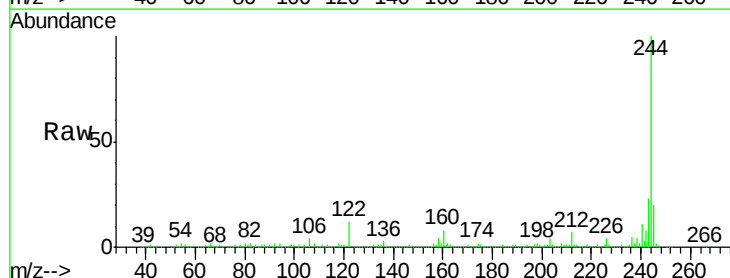
Tgt Ion:244 Resp: 729735

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

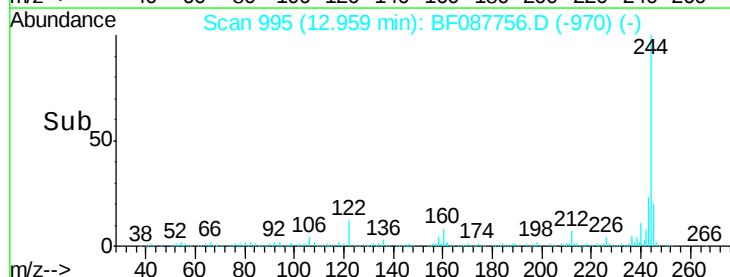
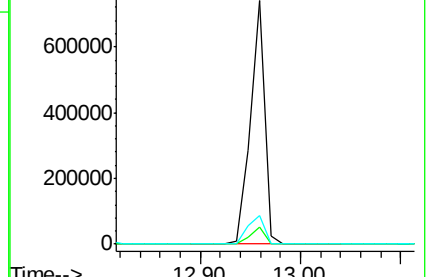
122 11.7 11.2 16.8

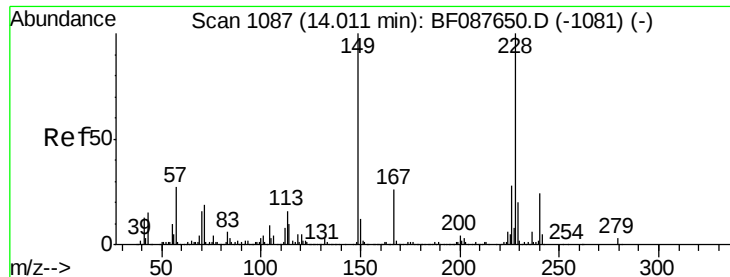


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 34.53 ng

RT: 14.03 min Scan# 1089

Delta R.T. 0.02 min

Lab File: BF087756.D

Acq: 6 Jun 2016 17:14

Instrument :

BNA_F

ClientSampleId :

SC-1437(0-4)

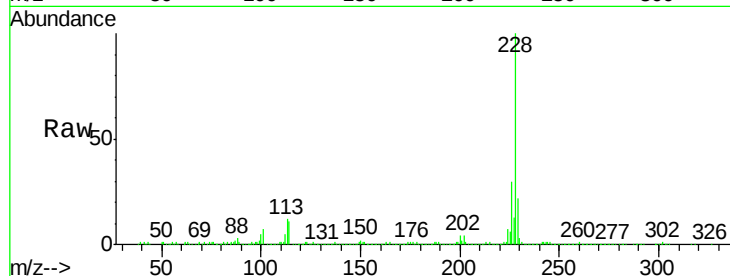
Tgt Ion:228 Resp: 481111

Ion Ratio Lower Upper

228 100

226 30.4 22.3 33.5

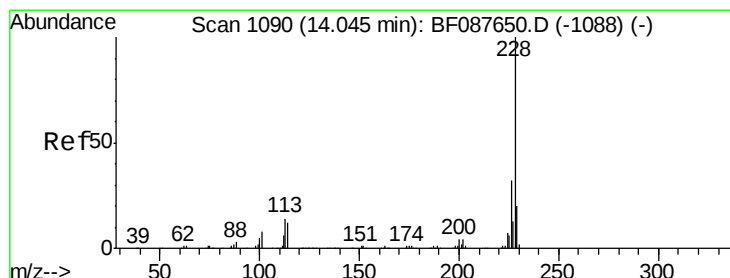
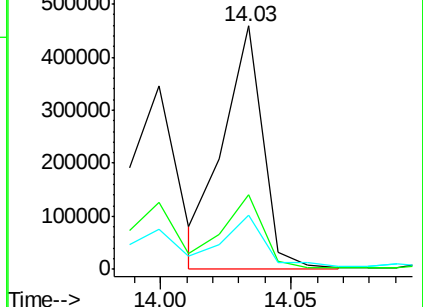
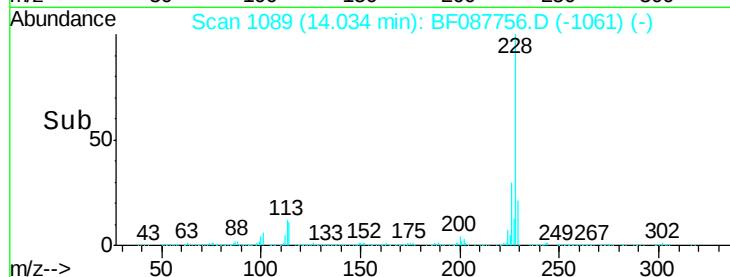
229 22.2 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 34.69 ng

RT: 14.03 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BF087756.D

Acq: 6 Jun 2016 17:14

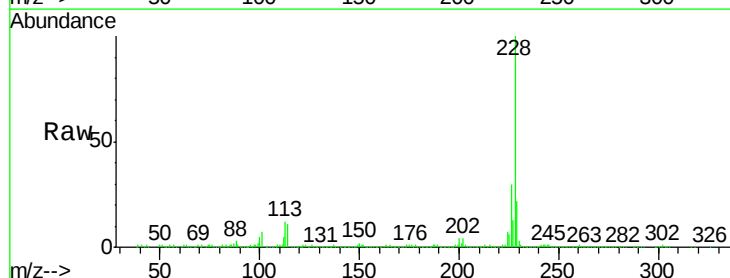
Tgt Ion:228 Resp: 481109

Ion Ratio Lower Upper

228 100

226 30.4 25.4 38.2

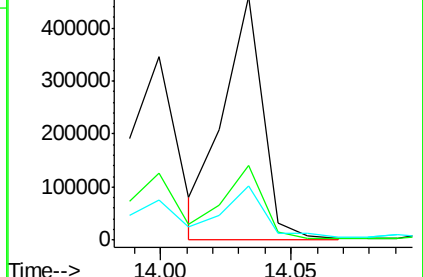
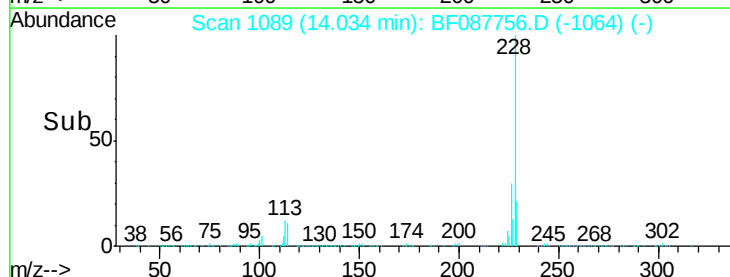
229 22.2 16.3 24.5

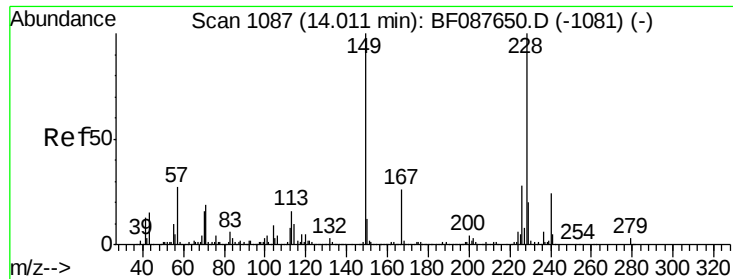


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

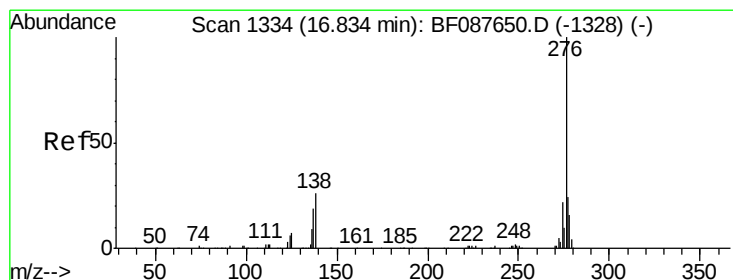
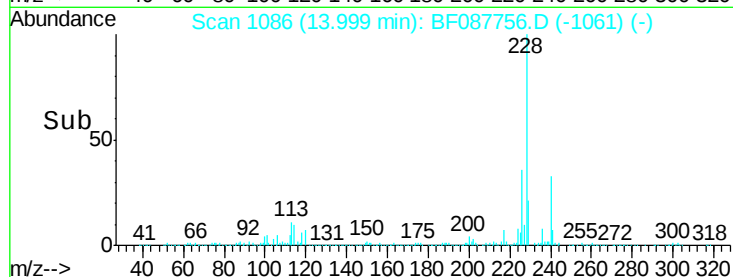
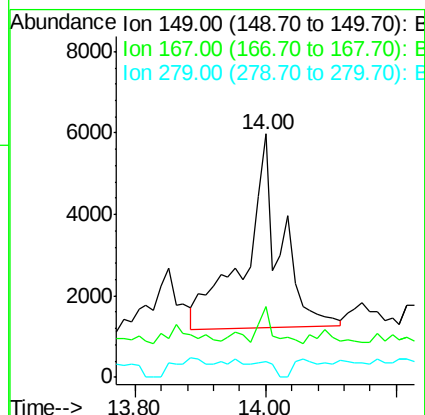
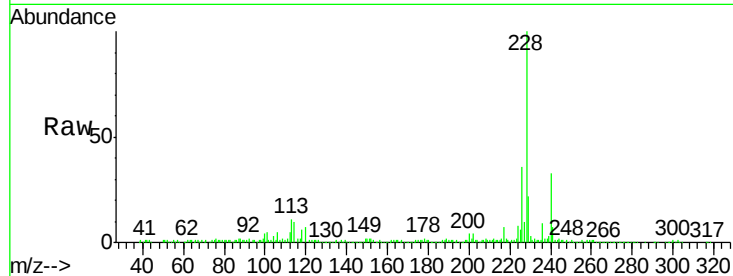




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.05 ng
 RT: 14.00 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BF087756.D
 Acq: 6 Jun 2016 17:14

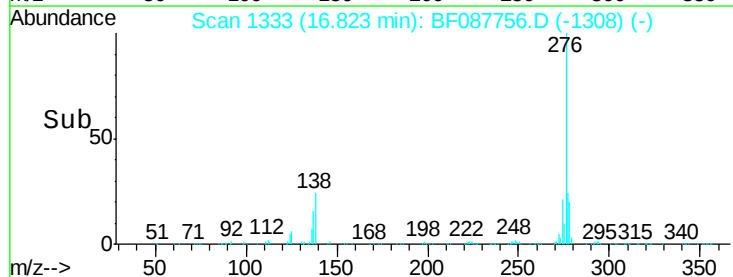
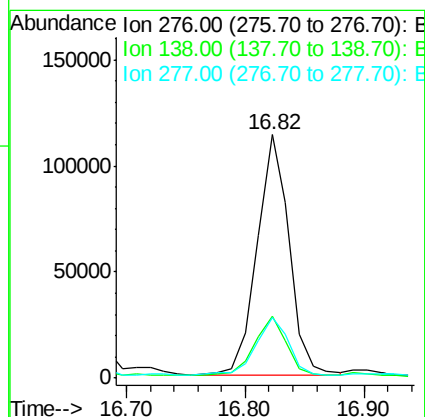
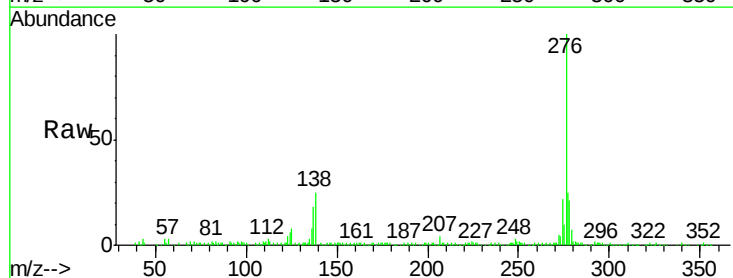
Instrument :
 BNA_F
 ClientSampleId :
 SC-1437(0-4)

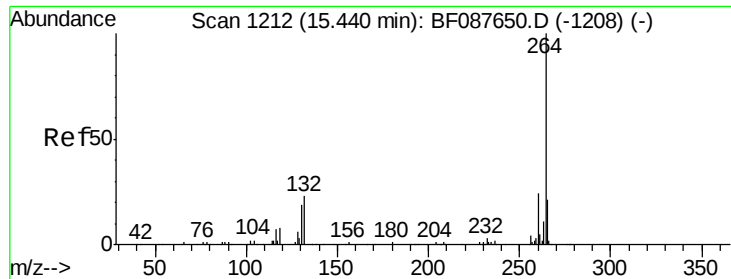
Tgt Ion:149 Resp: 17855
 Ion Ratio Lower Upper
 149 100
 167 29.1 20.5 30.7
 279 6.6 2.0 3.0#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 18.64 ng
 RT: 16.82 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF087756.D
 Acq: 6 Jun 2016 17:14

Tgt Ion:276 Resp: 213699
 Ion Ratio Lower Upper
 276 100
 138 24.1 0.0 0.0#
 277 24.7 0.0 0.0#

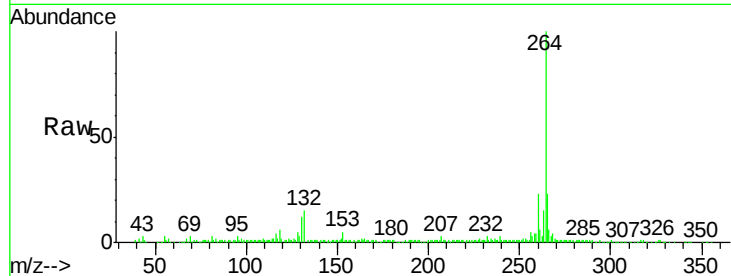




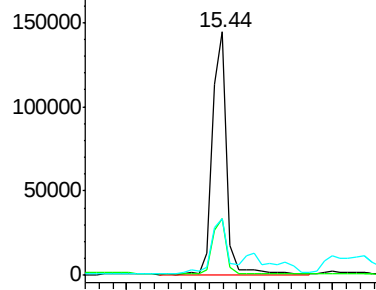
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF087756.D
Acq: 6 Jun 2016 17:14

Instrument :
BNA_F
ClientSampleId :
SC-1437(0-4)

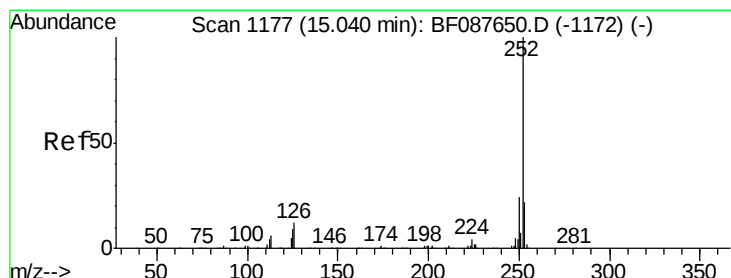
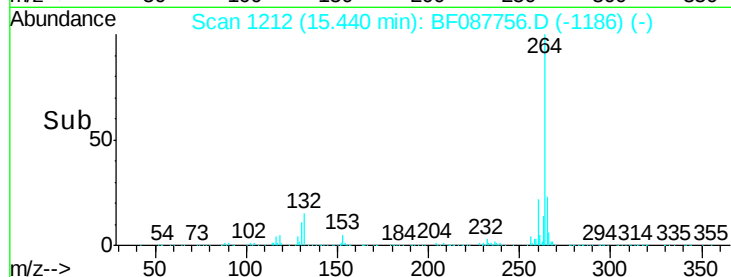
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	23.5	16.9	25.3



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

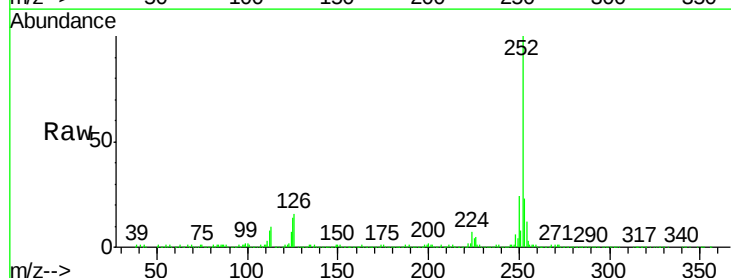


Time-->

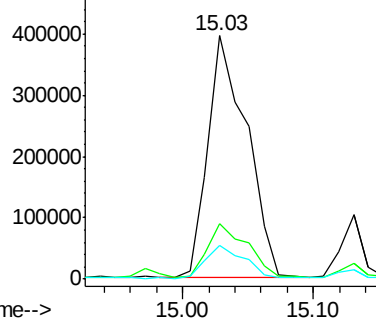


#87
Benzo(b)fluoranthene
Concen: 60.59 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF087756.D
Acq: 6 Jun 2016 17:14

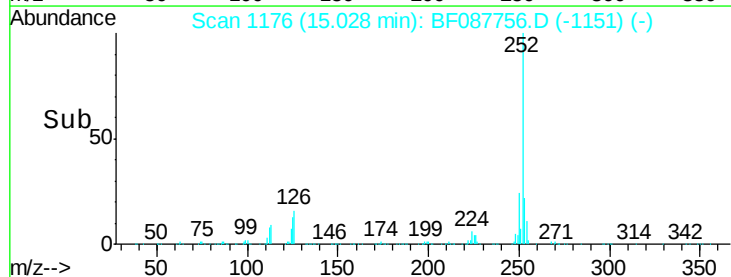
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	13.8	7.1	10.7

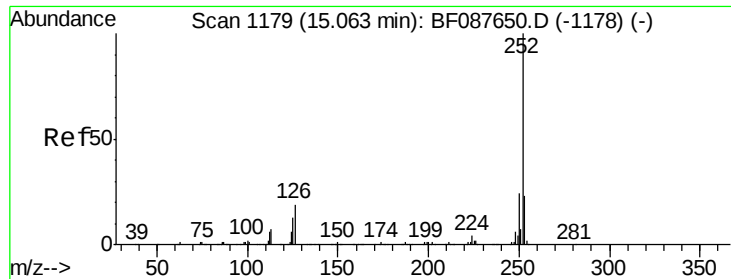


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->

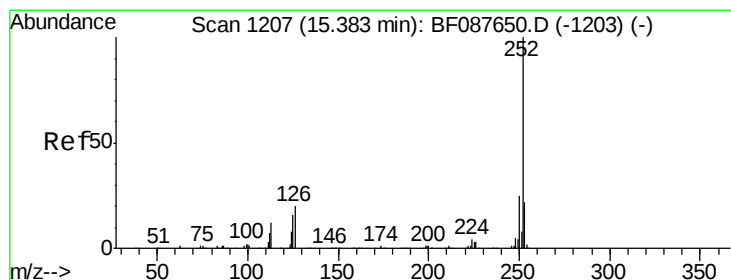
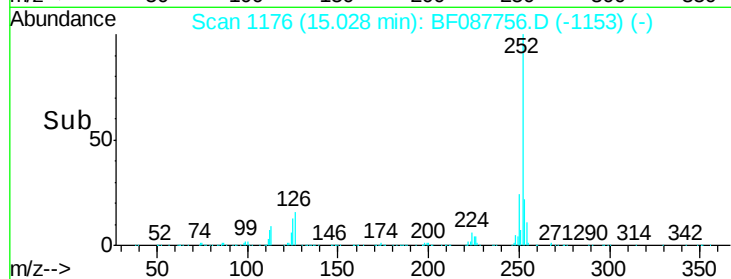
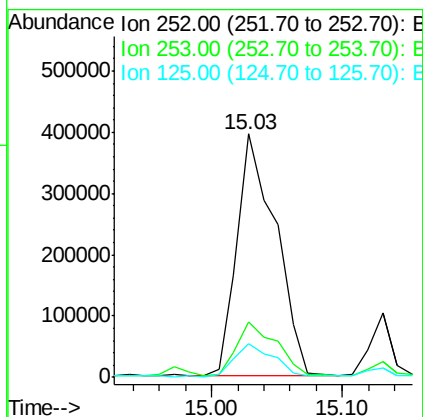
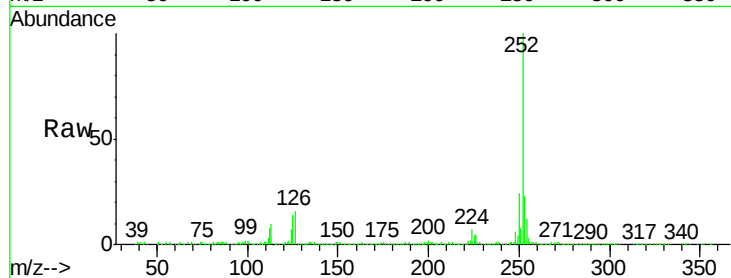




#88
Benzo(k)fluoranthene
Concen: 72.82 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.03 min
Lab File: BF087756.D
Acq: 6 Jun 2016 17:14

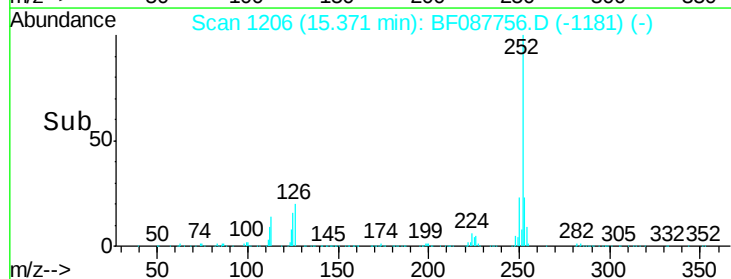
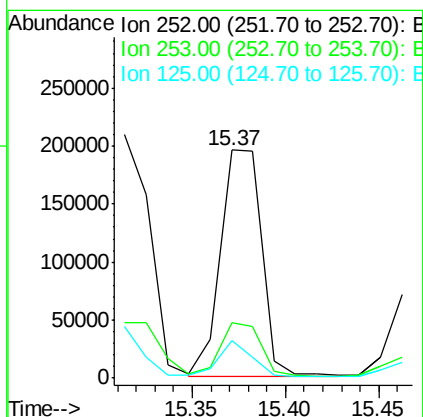
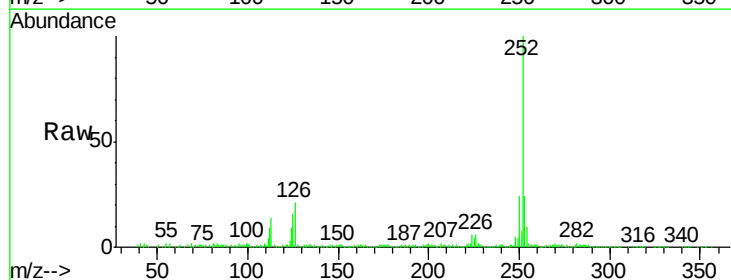
Instrument :
BNA_F
ClientSampleId :
SC-1437(0-4)

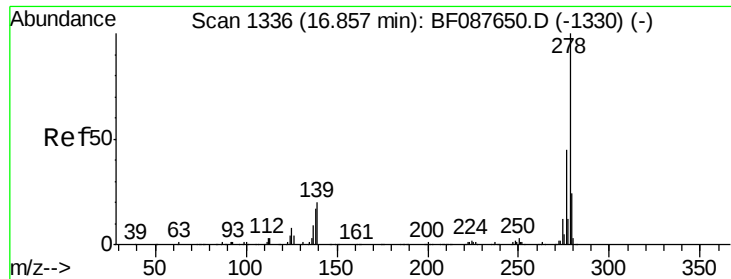
Tgt Ion:252 Resp: 817129
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 13.8 11.2 16.8



#89
Benzo(a)pyrene
Concen: 26.56 ng
RT: 15.37 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF087756.D
Acq: 6 Jun 2016 17:14

Tgt Ion:252 Resp: 301109
Ion Ratio Lower Upper
252 100
253 24.3 17.9 26.9
125 16.3 12.5 18.7





#90

Dibenzo(a,h)anthracene

Concen: 5.69 ng

RT: 16.83 min Scan# 1334

Delta R.T. -0.02 min

Lab File: BF087756.D

Acq: 6 Jun 2016 17:14

Instrument :

BNA_F

ClientSampleId :

SC-1437(0-4)

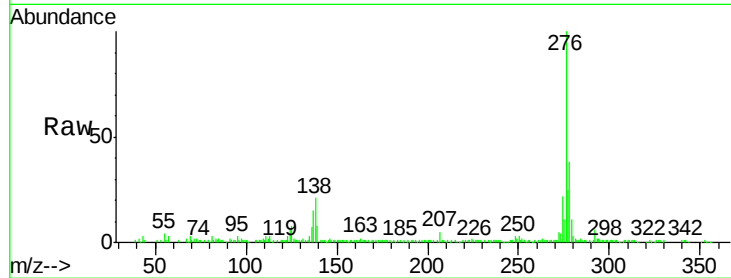
Tgt Ion:278 Resp: 54902

Ion Ratio Lower Upper

278 100

139 20.9 15.7 23.5

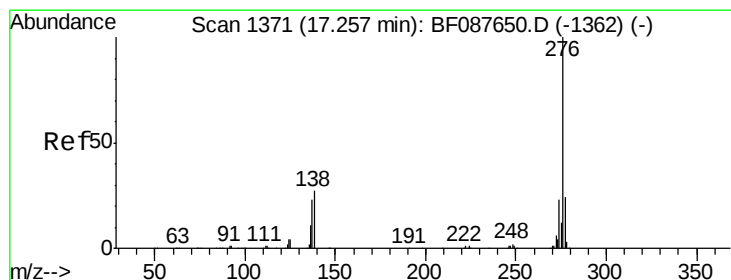
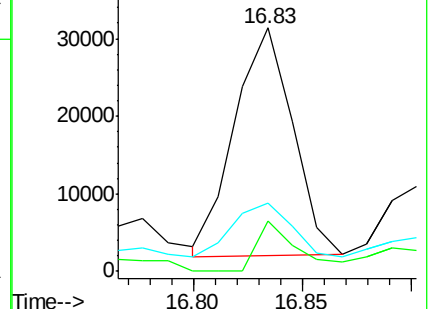
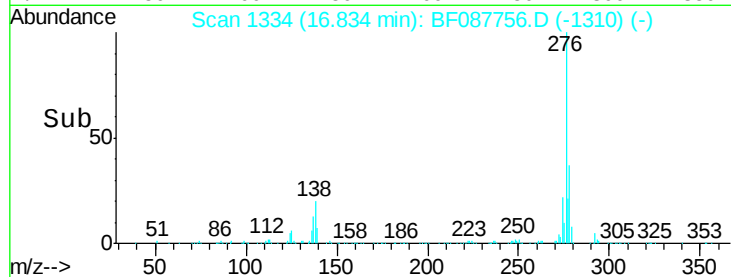
279 27.9 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 19.66 ng

RT: 17.25 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BF087756.D

Acq: 6 Jun 2016 17:14

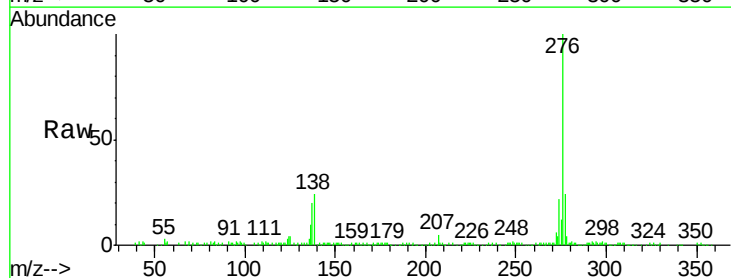
Tgt Ion:276 Resp: 191406

Ion Ratio Lower Upper

276 100

277 24.2 18.9 28.3

138 24.0 21.4 32.2



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

