

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
 Data File : BF089927.D
 Acq On : 27 Aug 2016 00:21
 Operator : UM/SJ
 Sample : H4576-09 50X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

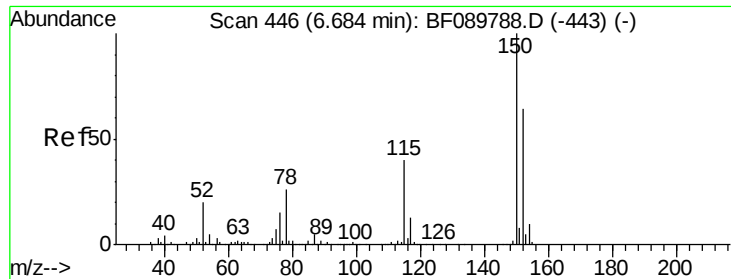
Quant Time: Aug 27 01:30:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 18:51:25 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	311496	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	968673	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	442020	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	901003	20.00	ng	0.01
75) Chrysene-d12	13.78	240	884084	20.00	ng	0.00
86) Perylene-d12	15.13	264	733733	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.21	112	28534	1.57	ng	-0.01
7) Phenol-d6	6.27	99	52120	2.34	ng	-0.02
23) Nitrobenzene-d5	7.21	82	132679	8.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	10993	2.62	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	75207	2.99	ng	0.00
78) Terphenyl-d14	12.74	244	63858	1.63	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.17	77	103763	7.14	ng	# 1
18) Hexachloroethane	7.15	117	110233	13.24	ng	# 1
19) n-Nitroso-di-n-propylamine	7.06	70	103573	7.26	ng	# 66
22) Acetophenone	7.06	105	636126	28.60	ng	# 43
24) Nitrobenzene	7.20	77	107333	6.14	ng	# 33
25) Isophorone	7.47	82	138559	4.41	ng	# 1
26) 2-Nitrophenol	7.58	139	17696	2.03	ng	# 1
31) Naphthalene	7.96	128	1666047	36.80	ng	# 99
33) 4-Chloroaniline	7.96	127	310809	15.84	ng	# 37
35) Caprolactam	8.40	113	175631	43.69	ng	# 65
37) 2-Methylnaphthalene	8.66	142	2561178	87.45	ng	# 96
45) 1,1'-Biphenyl	9.12	154	468047	13.68	ng	# 97
47) 2-Nitroaniline	9.28	65	20839	2.70	ng	# 31
48) Acenaphthylene	9.55	152	90977	2.24	ng	# 1
50) 2,6-Dinitrotoluene	9.51	165	22478	3.13	ng	# 63
51) Acenaphthene	9.72	154	234508	8.72	ng	# 94
52) 3-Nitroaniline	9.68	138	22557	2.83	ng	# 48
53) 2,4-Dinitrophenol	9.76	184	1547	2.77	ng	# 1
54) Dibenzofuran	9.90	168	143686	4.25	ng	# 36
55) 4-Nitrophenol	9.80	139	138820	21.36	ng	# 66
56) 2,4-Dinitrotoluene	9.91	165	62897	6.75	ng	# 65
57) Fluorene	10.24	166	503187	18.69	ng	# 89
65) n-Nitrosodiphenylamine	10.35	169	562400	19.85	ng	# 63
68) Atrazine	10.98	200	40996	4.73	ng	# 71
70) Phenanthrene	11.19	178	1219659	26.80	ng	# 97
71) Anthracene	11.19	178	1219659	26.37	ng	# 98
72) Carbazole	11.39	167	88468	2.13	ng	# 48
77) Pyrene	12.59	202	354421	4.92	ng	# 94

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

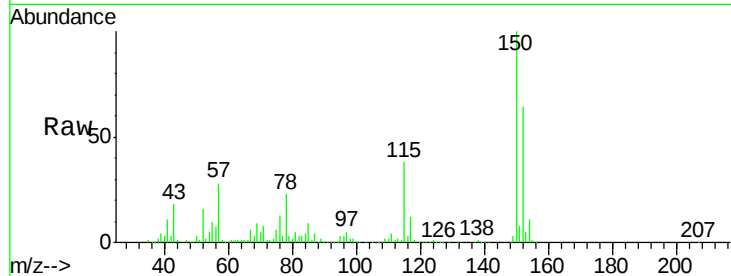


#1

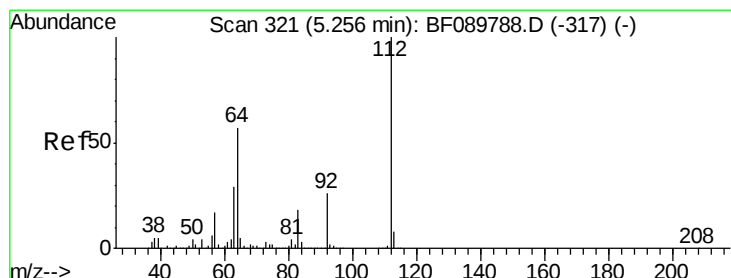
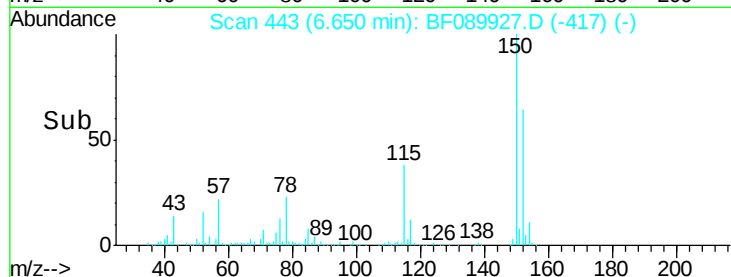
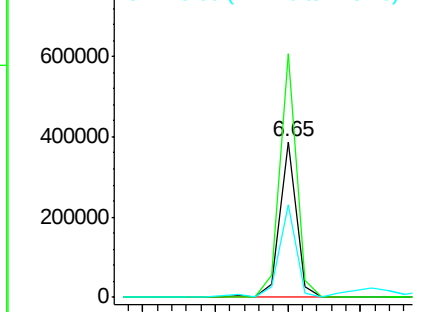
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF089927.D
Acq: 27 Aug 2016 00:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	125.3	187.9
115	59.8	40.9	61.3



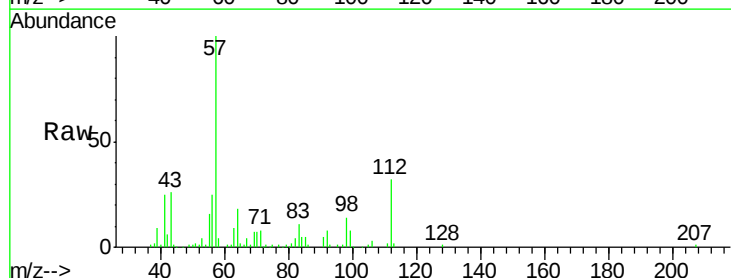
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



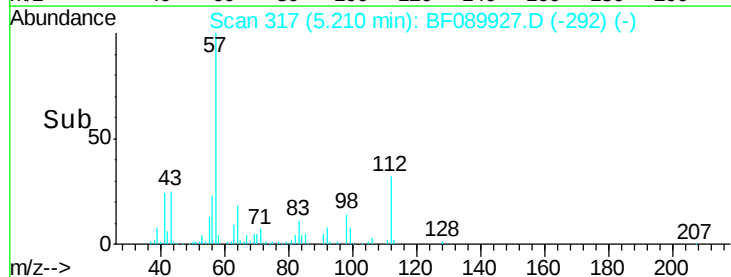
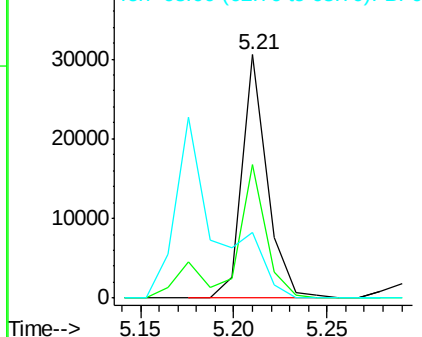
#5

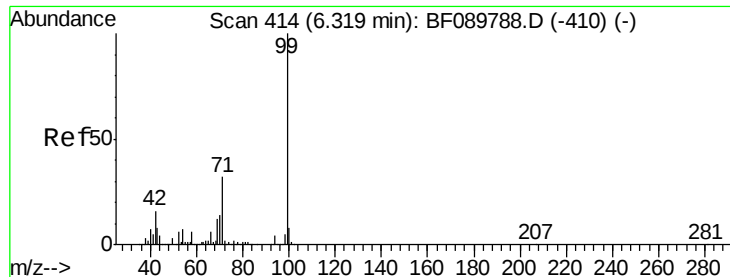
2-Fluorophenol
Concen: 1.57 ng
RT: 5.21 min Scan# 317
Delta R.T. -0.01 min
Lab File: BF089927.D
Acq: 27 Aug 2016 00:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	45.0	67.4
63	26.8	23.1	34.7



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: 2.34 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF089927.D

Acq: 27 Aug 2016 00:21

Instrument :

BNA_F

ClientSampleId :

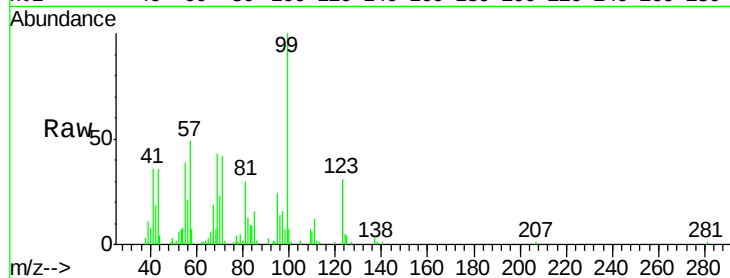
Tot Ion: 99 Resp: 52120

Ion Ratio Lower Upper

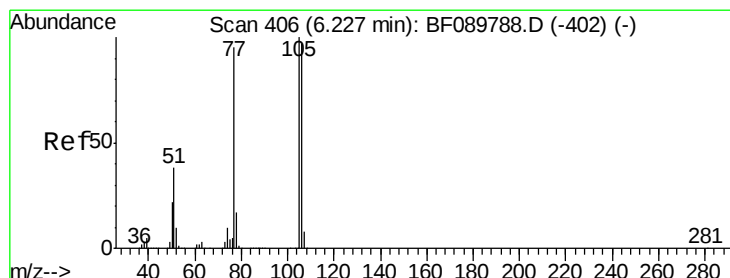
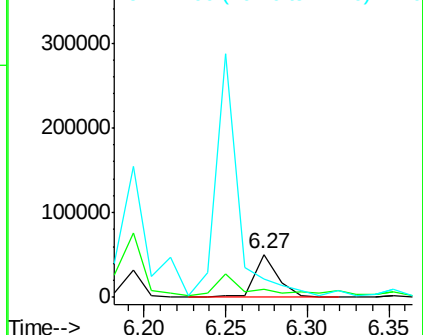
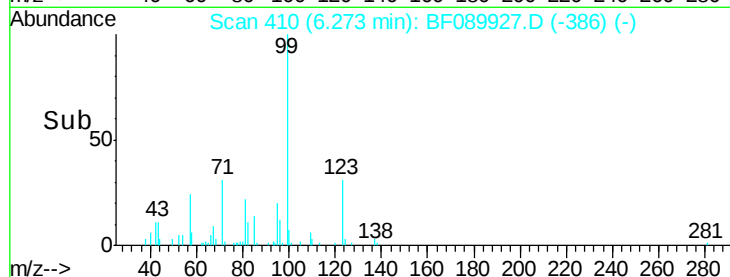
99 100

42 19.4 12.2 18.4#

71 42.2 23.8 35.8#



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



#9

Benzaldehyde

Concen: 7.14 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.02 min

Lab File: BF089927.D

Acq: 27 Aug 2016 00:21

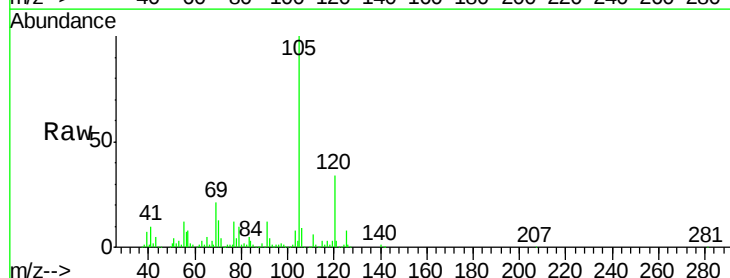
Tgt Ion: 77 Resp: 103763

Ion Ratio Lower Upper

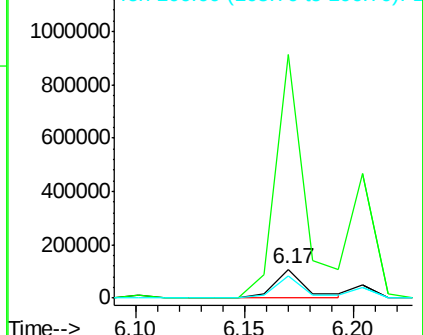
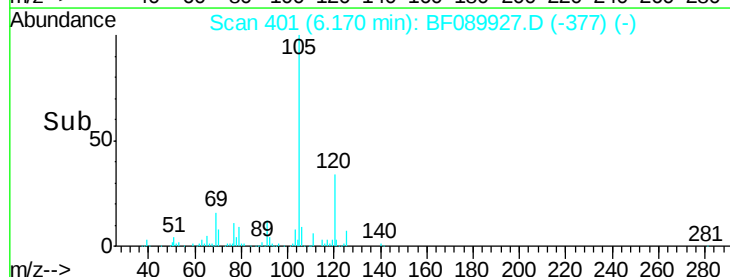
77 100

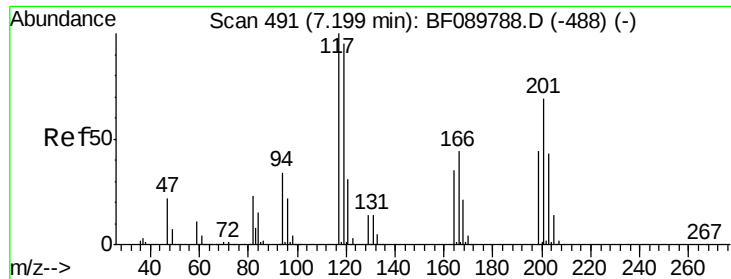
105 846.2 73.3 113.3#

106 78.1 68.6 108.6



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#18

Hexachloroethane

Concen: 13.24 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF089927.D

Acq: 27 Aug 2016 00:21

Instrument :

BNA_F

ClientSampleId :

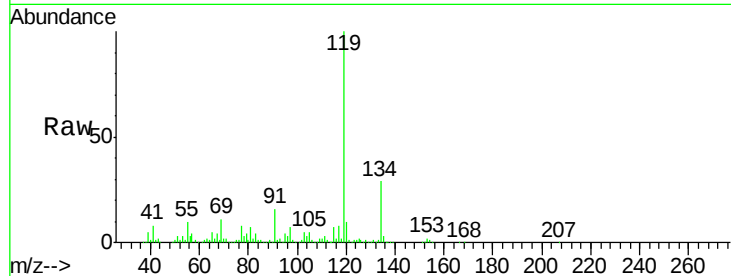
Tot Ion:117 Resp: 110233

Ion Ratio Lower Upper

117 100

119 1259.4 77.1 115.7#

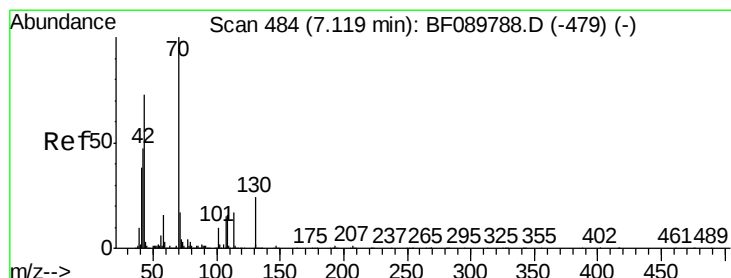
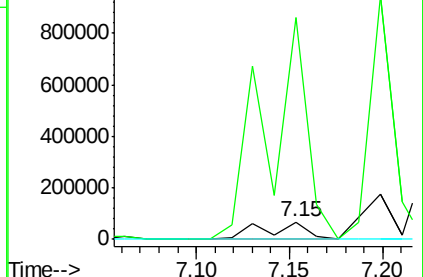
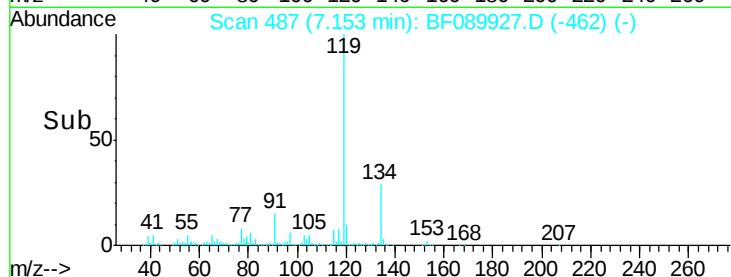
201 0.0 76.9 115.3#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 7.26 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.03 min

Lab File: BF089927.D

Acq: 27 Aug 2016 00:21

Tgt Ion: 70 Resp: 103573

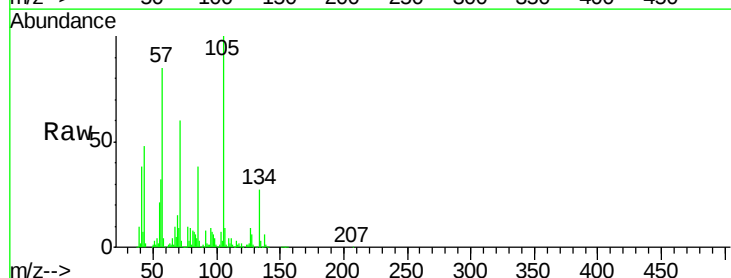
Ion Ratio Lower Upper

70 100

42 82.9 46.3 69.5#

101 1.5 7.0 10.6#

130 0.0 14.4 21.6#

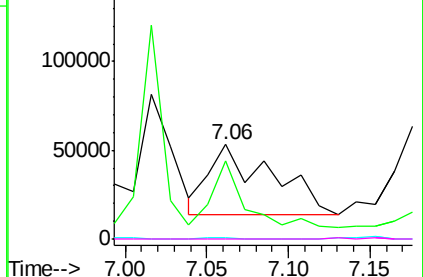
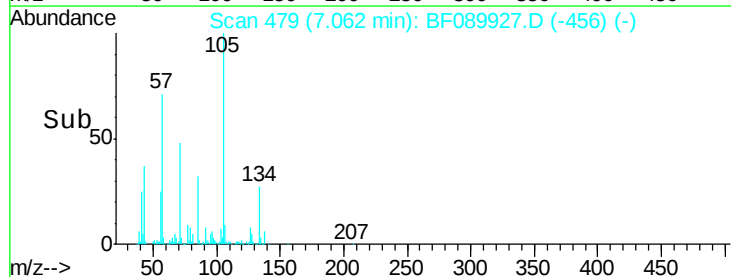


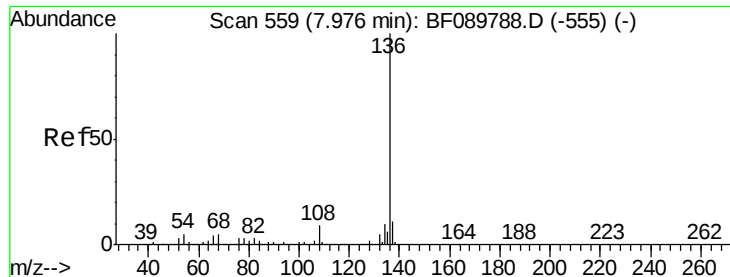
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

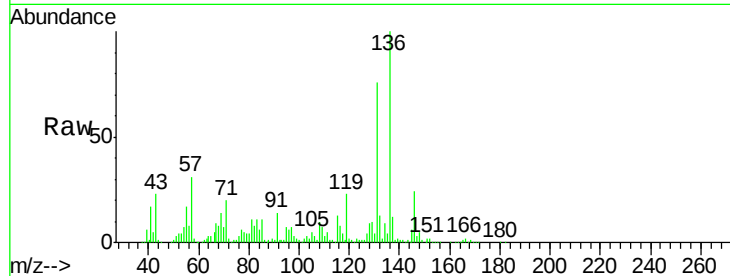




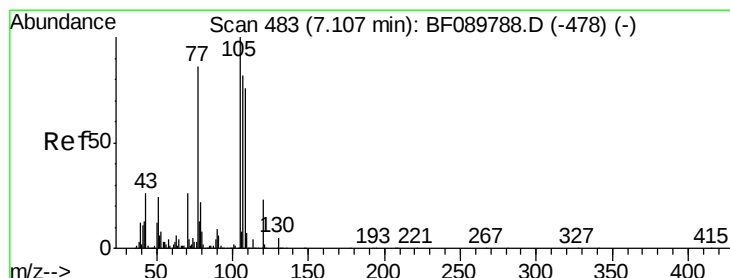
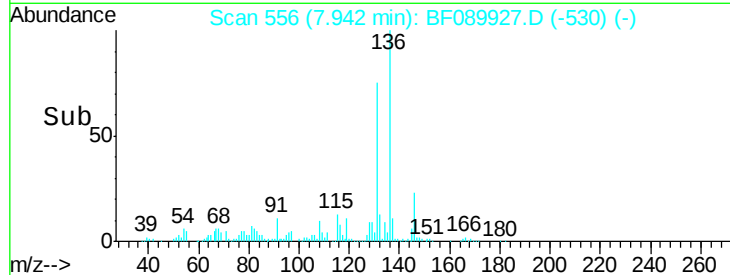
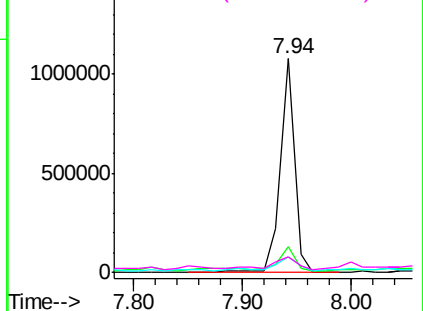
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.00 min
Lab File: BF089927.D
Acq: 27 Aug 2016 00:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	968673
Ion	Ratio	Lower Upper
136	100	
137	12.0	9.2 13.8
54	7.3	7.2 10.8
68	7.5	5.8 8.8

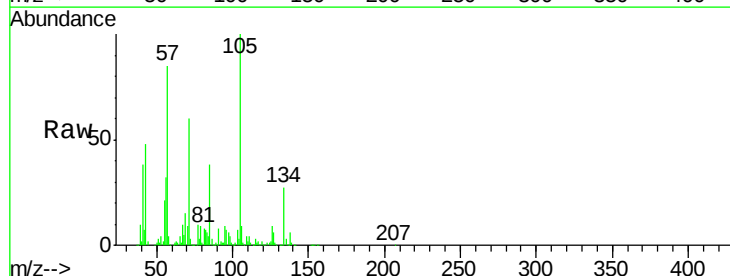


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

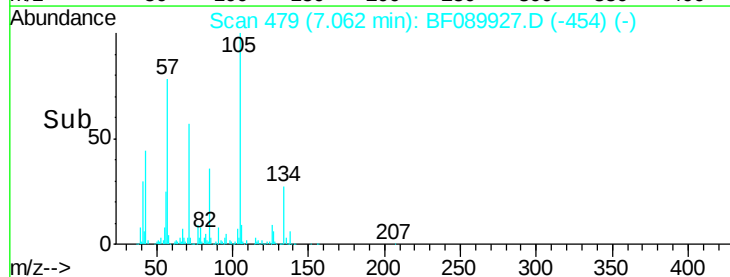
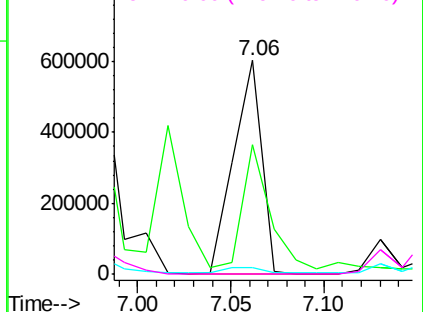


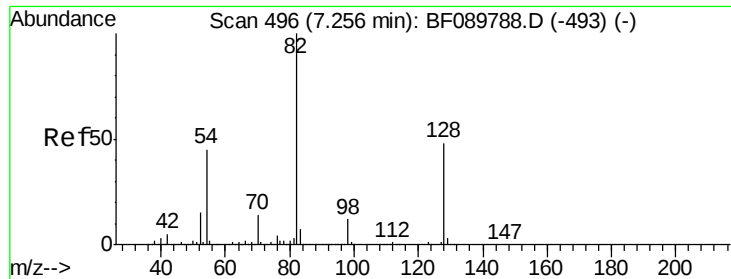
#22
Acetophenone
Concen: 28.60 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF089927.D
Acq: 27 Aug 2016 00:21

Tgt Ion:105	Resp:	636126
Ion	Ratio	Lower Upper
105	100	
71	60.4	1.9 2.9#
51	2.8	28.5 42.7#
120	0.2	16.6 25.0#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

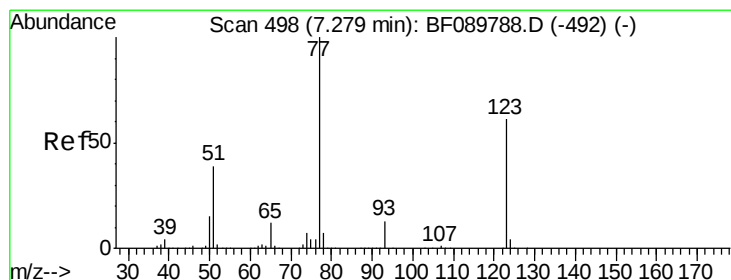
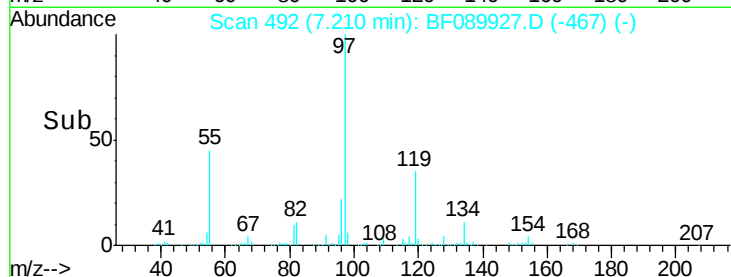
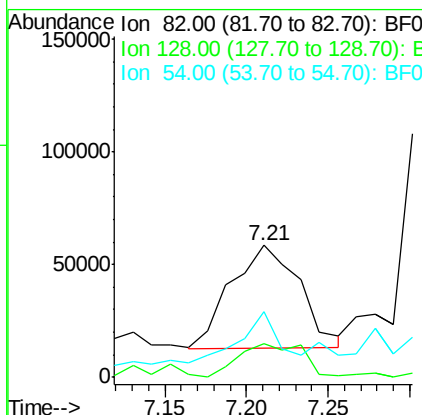
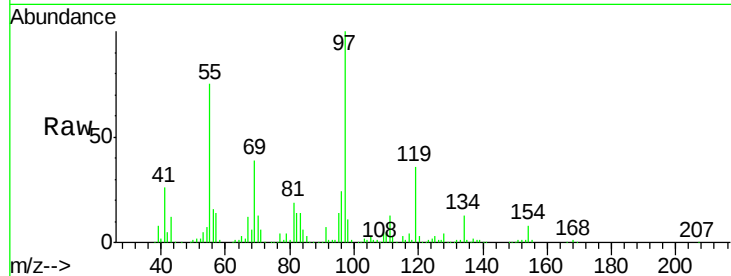




#23
 Nitrobenzene-d5
 Concen: 8.51 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: BF089927.D
 Acq: 27 Aug 2016 00:21

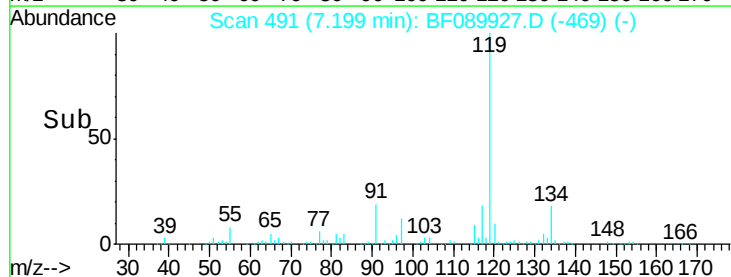
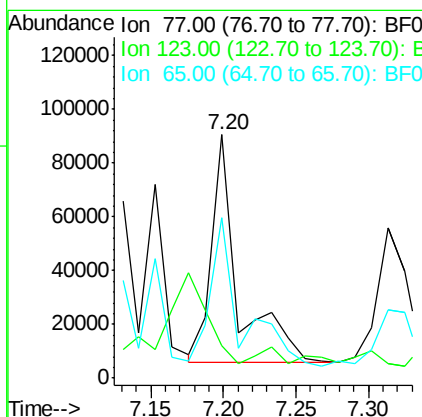
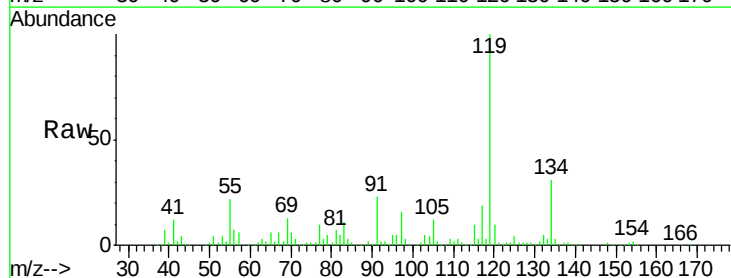
Instrument :
 BNA_F
 ClientSampled :

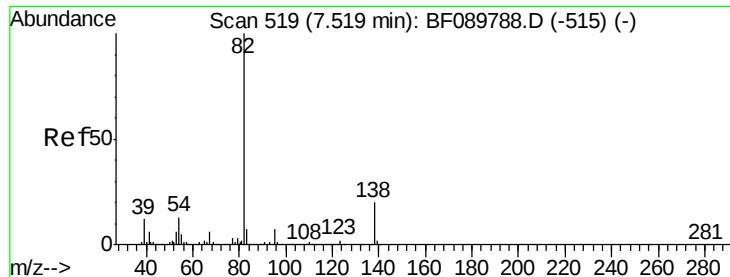
Tot Ion: 82 Resp: 132679
 Ion Ratio Lower Upper
 82 100
 128 25.2 34.4 51.6#
 54 50.0 40.3 60.5



#24
 Nitrobenzene
 Concen: 6.14 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.05 min
 Lab File: BF089927.D
 Acq: 27 Aug 2016 00:21

Tgt Ion: 77 Resp: 107333
 Ion Ratio Lower Upper
 77 100
 123 13.6 36.2 54.2#
 65 65.7 10.6 15.8#





#25

Isophorone

Concen: 4.41 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF089927.D

Acq: 27 Aug 2016 00:21

Instrument :

BNA_F

ClientSampleId :

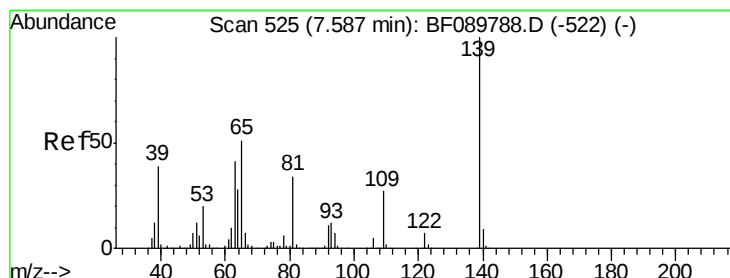
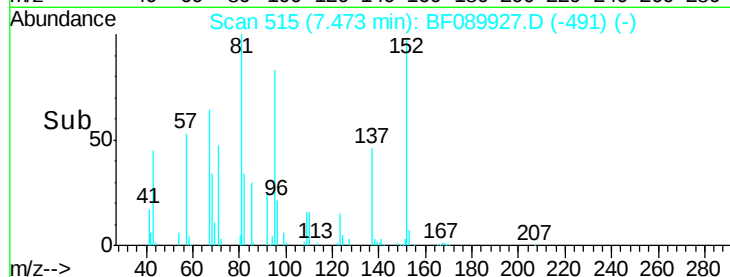
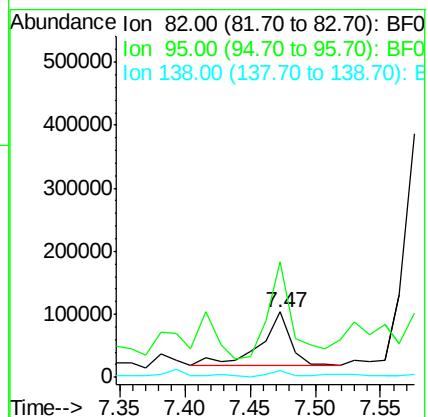
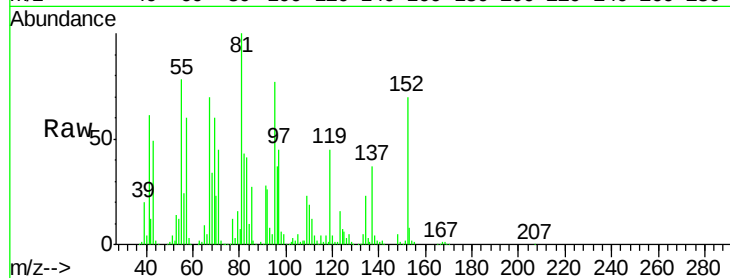
Tot Ion: 82 Resp: 138559

Ion Ratio Lower Upper

82 100

95 177.4 5.3 7.9#

138 9.8 13.0 19.4#



#26

2-Nitrophenol

Concen: 2.03 ng

RT: 7.58 min Scan# 524

Delta R.T. 0.01 min

Lab File: BF089927.D

Acq: 27 Aug 2016 00:21

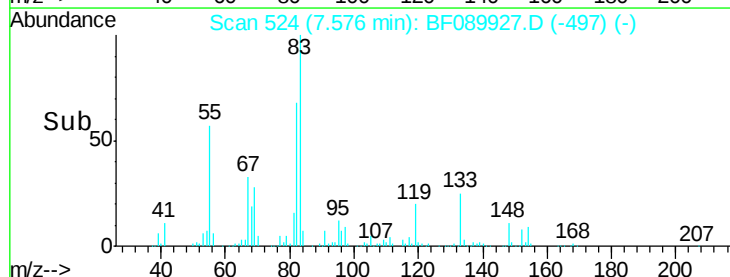
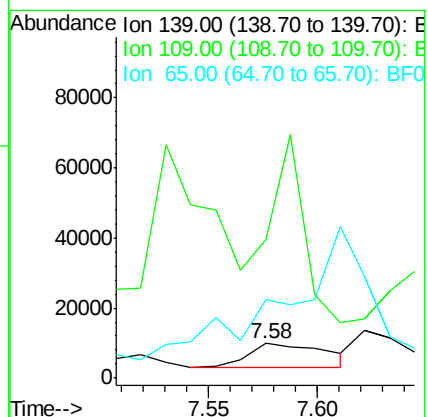
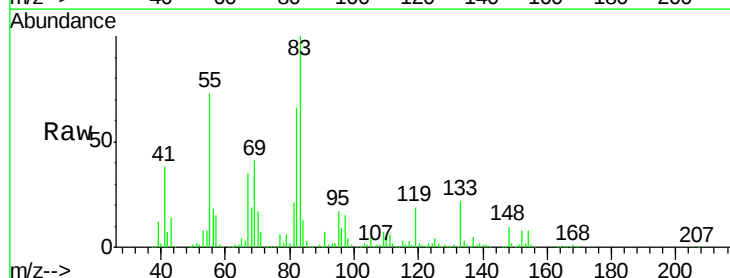
Tgt Ion: 139 Resp: 17696

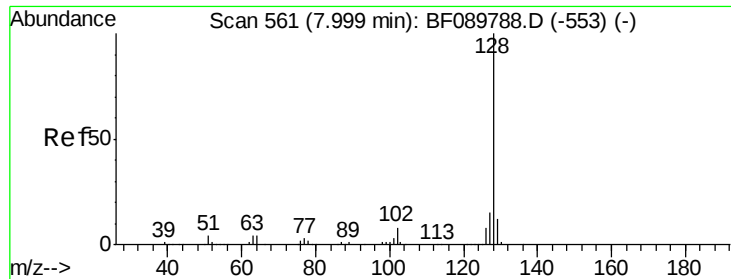
Ion Ratio Lower Upper

139 100

109 399.9 19.5 29.3#

65 224.3 26.5 39.7#

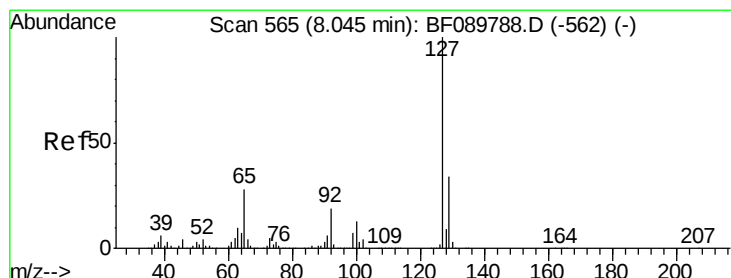
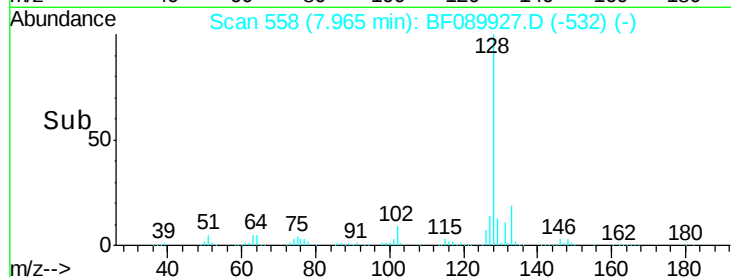
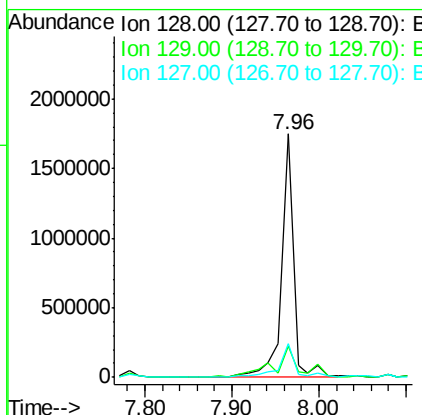
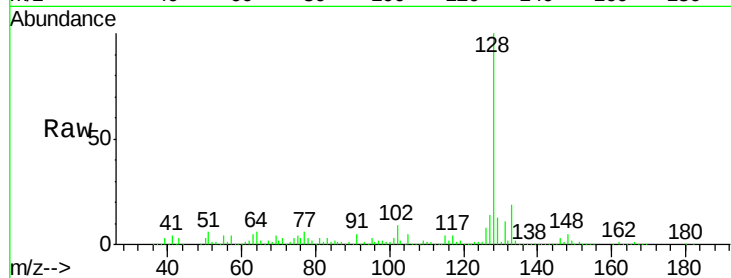




#31
Naphthalene
Concen: 36.80 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF089927.D
Acq: 27 Aug 2016 00:21

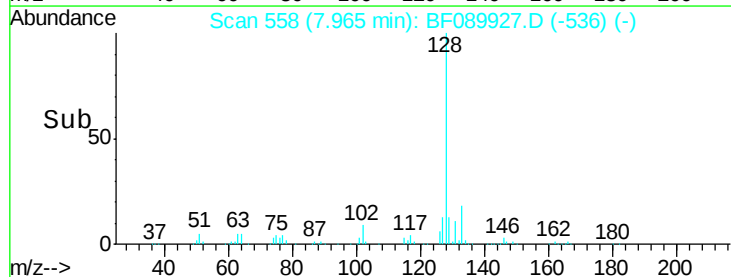
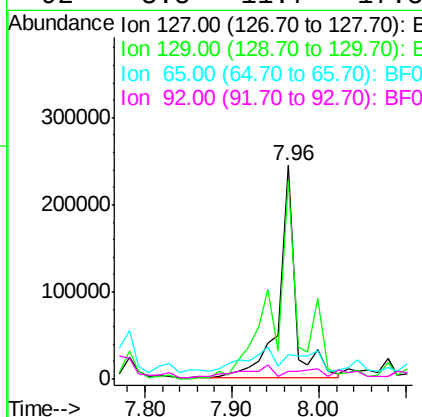
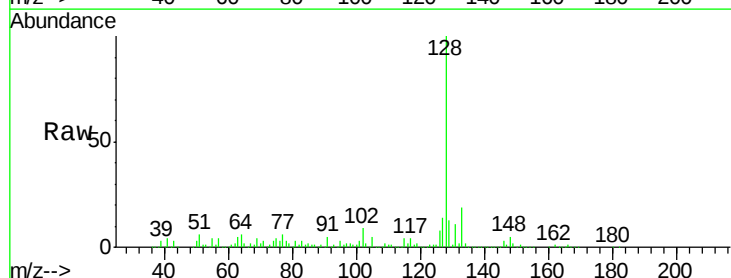
Instrument :
BNA_F
ClientSampleId :

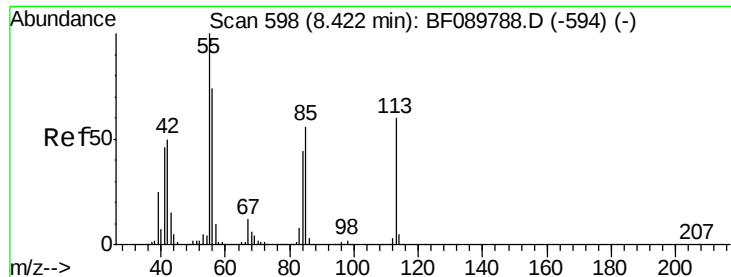
Tot Ion:128 Resp: 1666047
Ion Ratio Lower Upper
128 100
129 13.0 9.5 14.3
127 14.0 11.3 16.9



#33
4-Chloroaniline
Concen: 15.84 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.05 min
Lab File: BF089927.D
Acq: 27 Aug 2016 00:21

Tgt Ion:127 Resp: 310809
Ion Ratio Lower Upper
127 100
129 93.0 27.0 40.6#
65 11.1 14.7 22.1#
92 3.5 11.7 17.5#

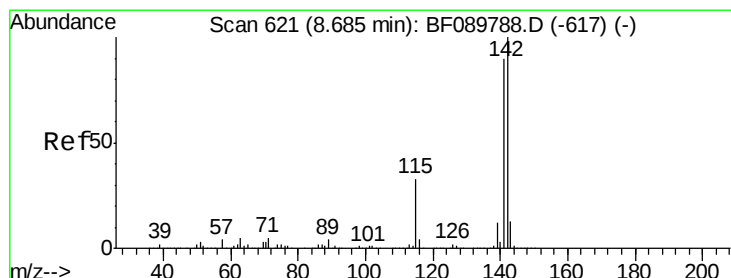
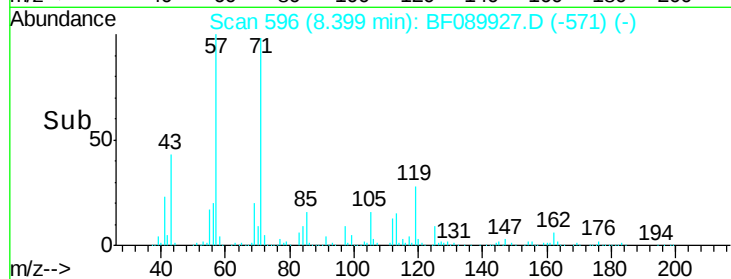
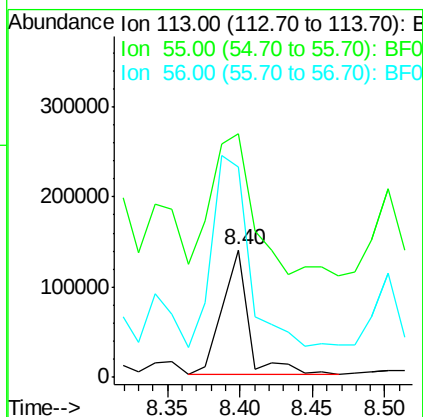
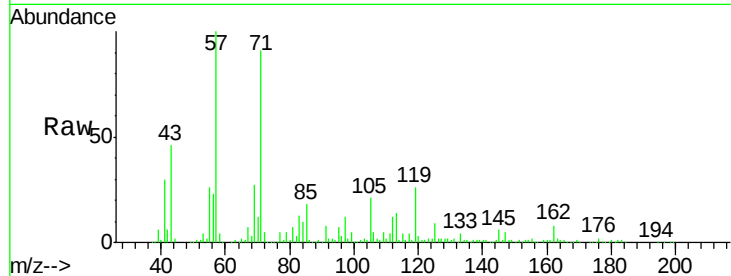




#35
 Caprolactam
 Concen: 43.69 ng
 RT: 8.40 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF089927.D
 Acq: 27 Aug 2016 00:21

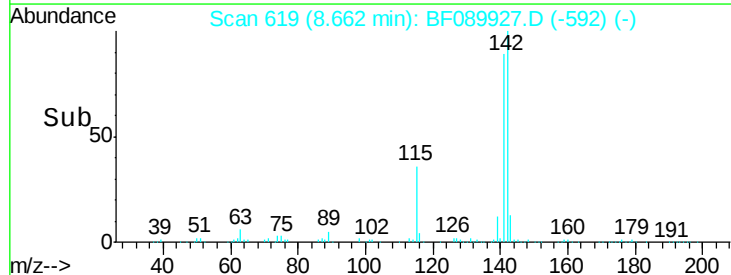
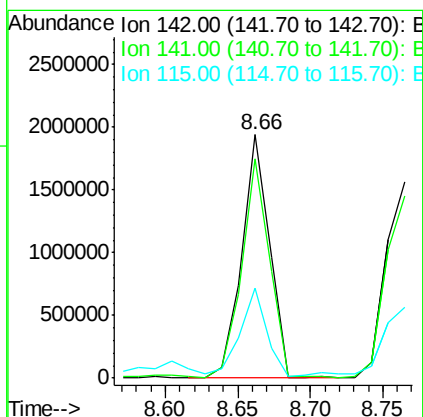
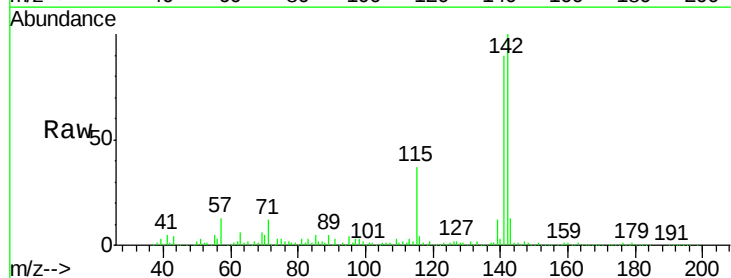
Instrument :
 BNA_F
 ClientSampleId :

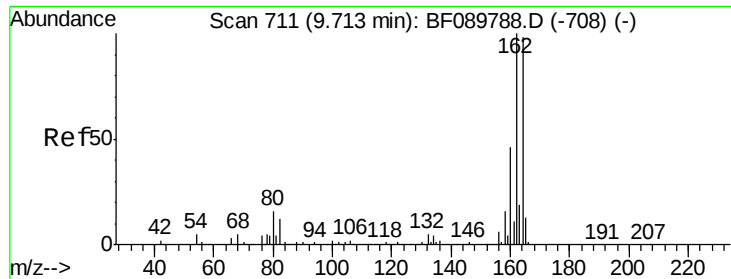
Tot Ion:113 Resp: 175631
 Ion Ratio Lower Upper
 113 100
 55 190.6 135.9 175.9#
 56 164.5 93.9 133.9#



#37
 2-Methylnaphthalene
 Concen: 87.45 ng
 RT: 8.66 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: BF089927.D
 Acq: 27 Aug 2016 00:21

Tgt Ion:142 Resp: 2561178
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.4 107.2
 115 36.8 22.7 34.1#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF089927.D

Acq: 27 Aug 2016 00:21

Instrument :

BNA_F

ClientSampleId :

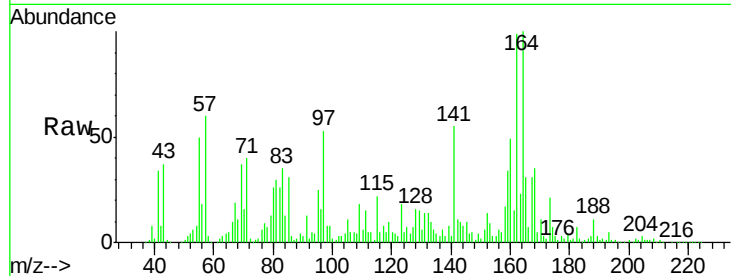
Tot Ion:164 Resp: 442020

Ion Ratio Lower Upper

164 100

162 98.9 81.4 122.2

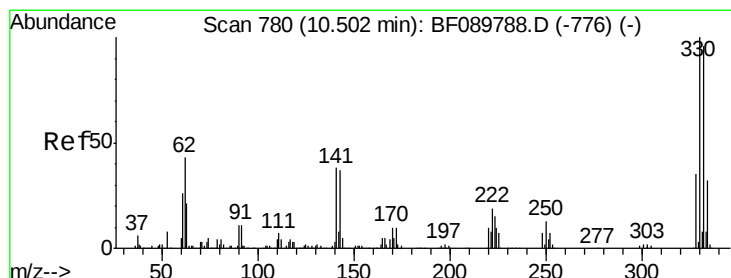
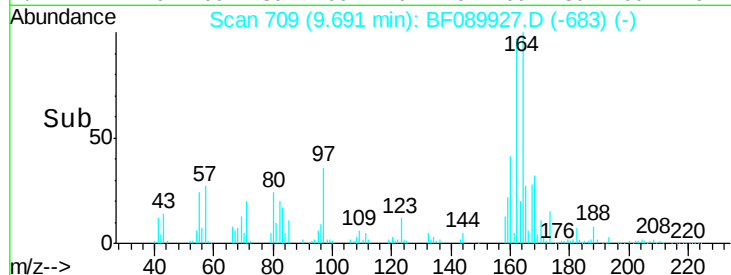
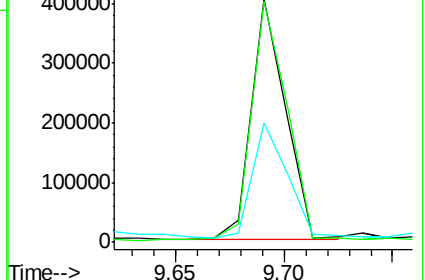
160 49.3 37.8 56.6



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: 2.62 ng

RT: 10.48 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF089927.D

Acq: 27 Aug 2016 00:21

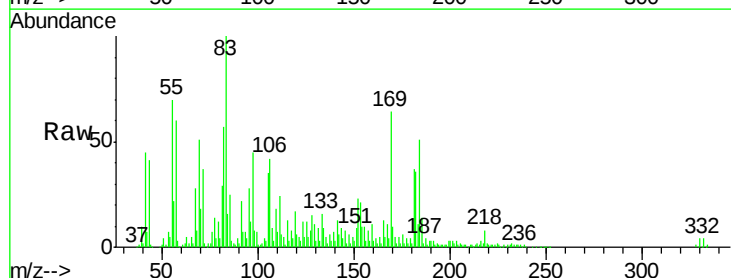
Tgt Ion:330 Resp: 10993

Ion Ratio Lower Upper

330 100

332 96.4 76.7 115.1

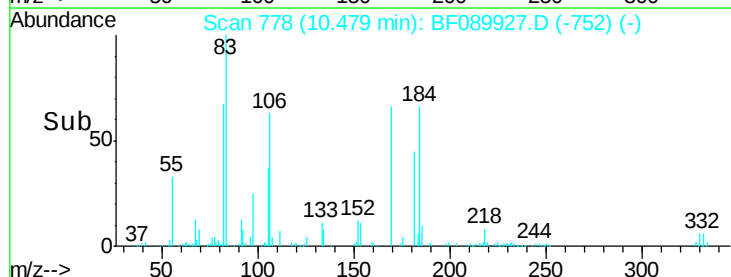
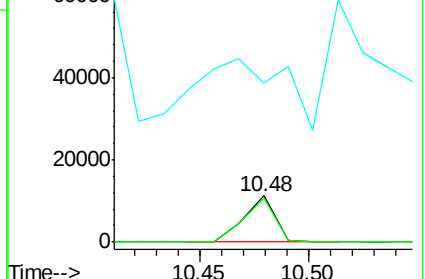
141 439.7 30.2 45.2#

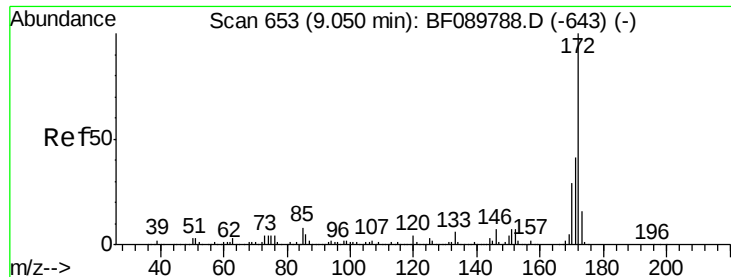


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 2.99 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF089927.D

Acq: 27 Aug 2016 00:21

Instrument :

BNA_F

ClientSampleId :

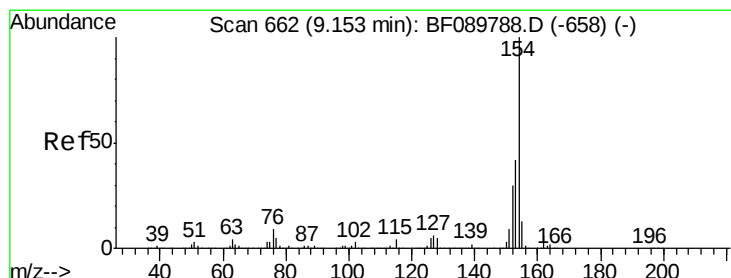
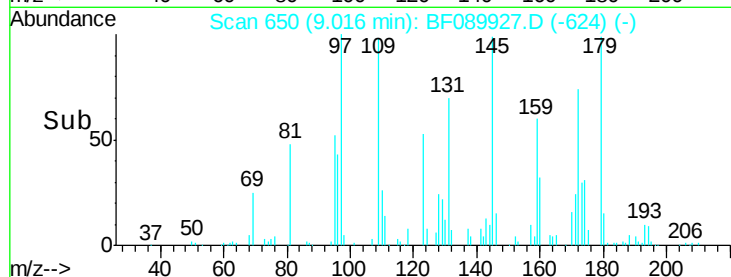
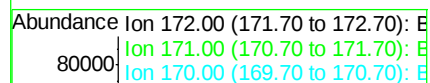
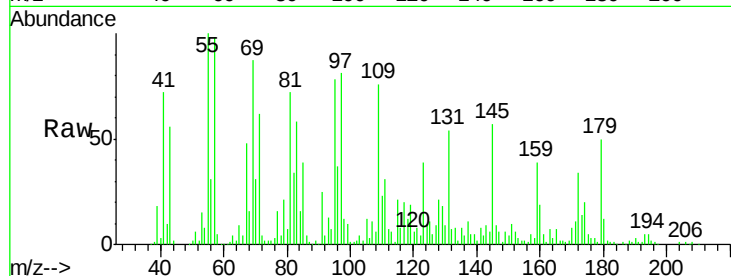
Tot Ion:172 Resp: 75207

Ion Ratio Lower Upper

172 100

171 32.7 30.5 45.7

170 22.8 20.6 31.0



#45

1,1'-Biphenyl

Concen: 13.68 ng

RT: 9.12 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF089927.D

Acq: 27 Aug 2016 00:21

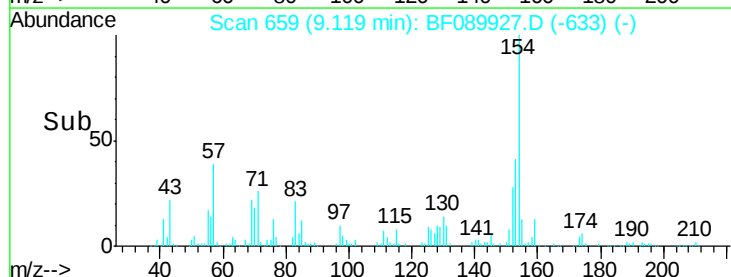
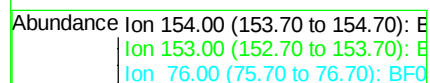
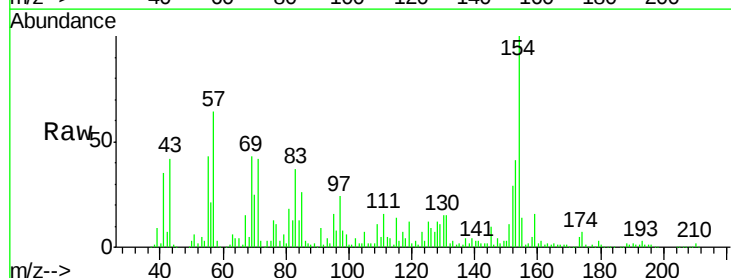
Tgt Ion:154 Resp: 468047

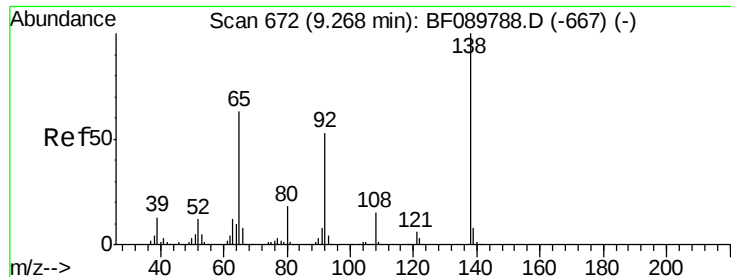
Ion Ratio Lower Upper

154 100

153 40.6 21.5 61.5

76 13.4 0.0 36.7

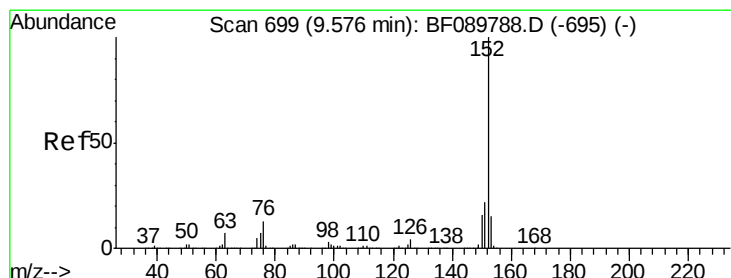
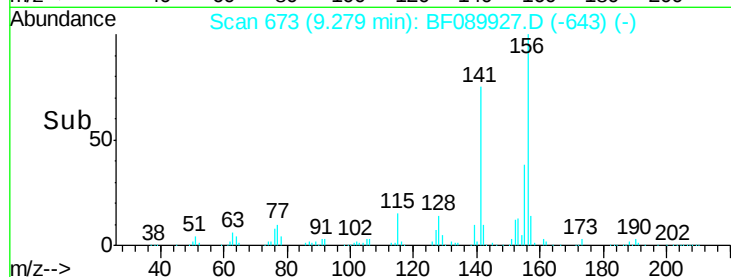
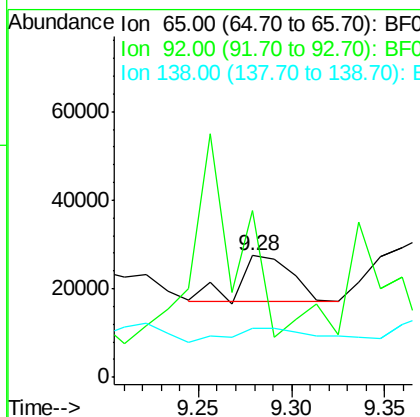
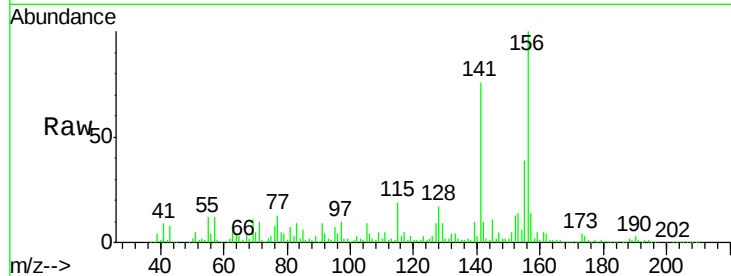




#47
2-Nitroaniline
Concen: 2.70 ng
RT: 9.28 min Scan# 673
Delta R.T. 0.05 min
Lab File: BF089927.D
Acq: 27 Aug 2016 00:21

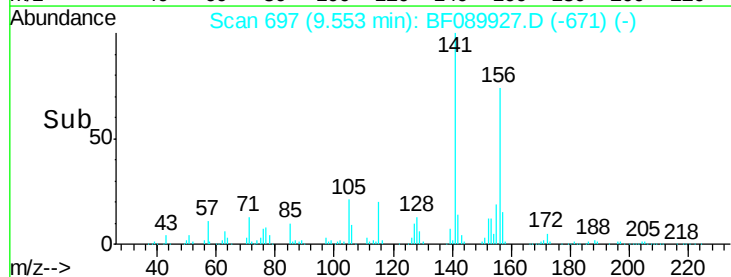
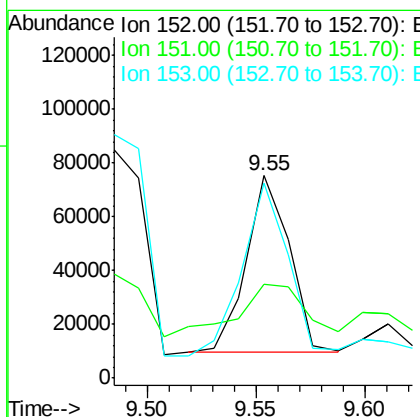
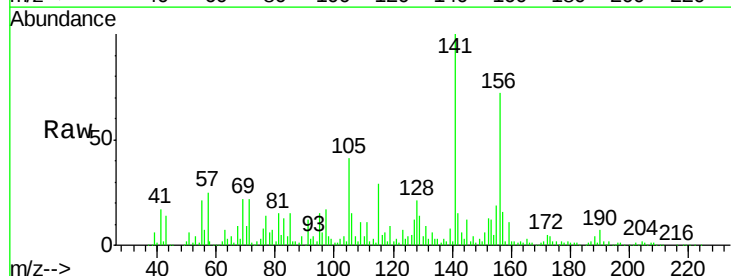
Instrument :
BNA_F
ClientSampleId :

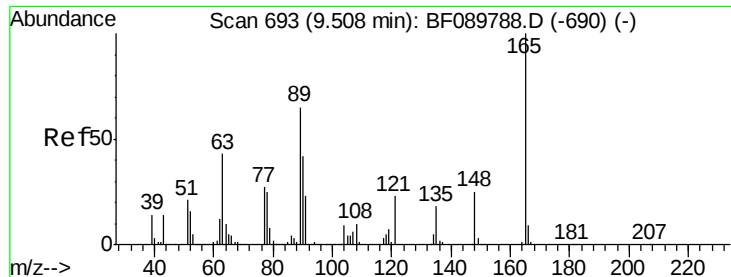
Tot Ion: 65 Resp: 20839
Ion Ratio Lower Upper
65 100
92 137.1 56.3 84.5#
138 40.2 81.8 122.8#



#48
Acenaphthylene
Concen: 2.24 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF089927.D
Acq: 27 Aug 2016 00:21

Tgt Ion: 152 Resp: 90977
Ion Ratio Lower Upper
152 100
151 46.5 17.1 25.7#
153 96.5 11.2 16.8#

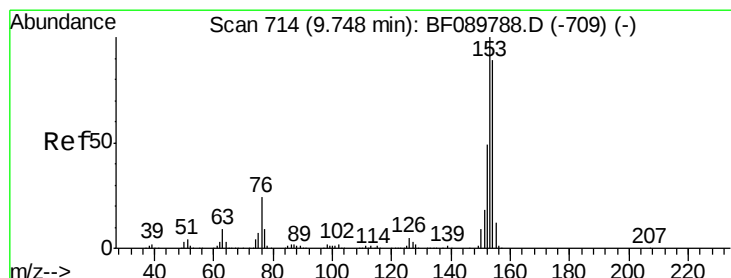
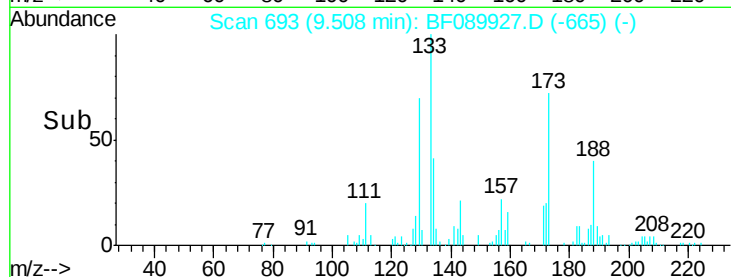
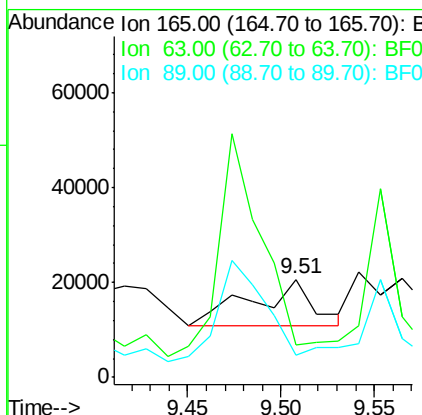
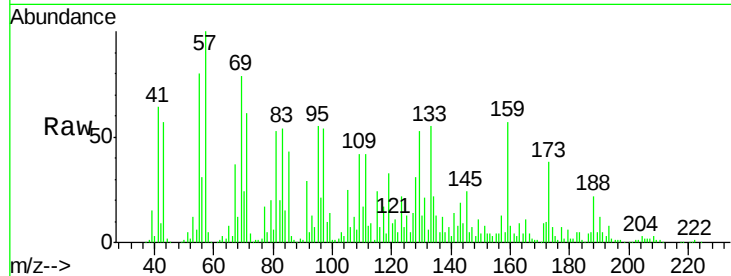




#50
 2,6-Dinitrotoluene
 Concen: 3.13 ng
 RT: 9.51 min Scan# 693
 Delta R.T. 0.02 min
 Lab File: BF089927.D
 Acq: 27 Aug 2016 00:21

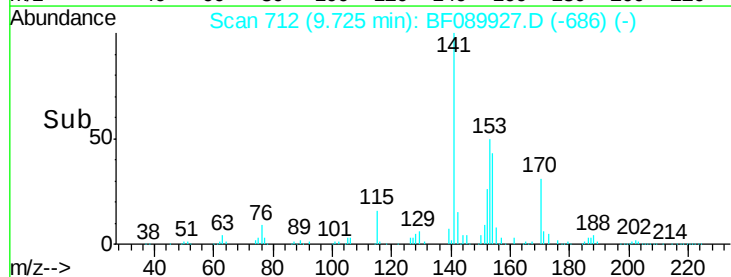
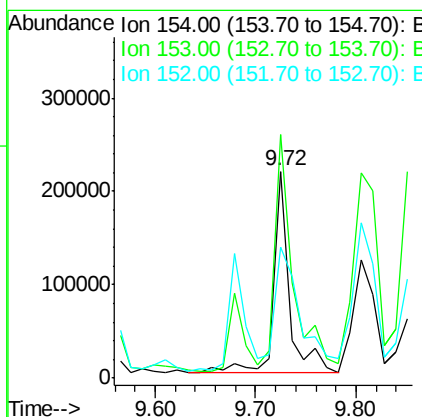
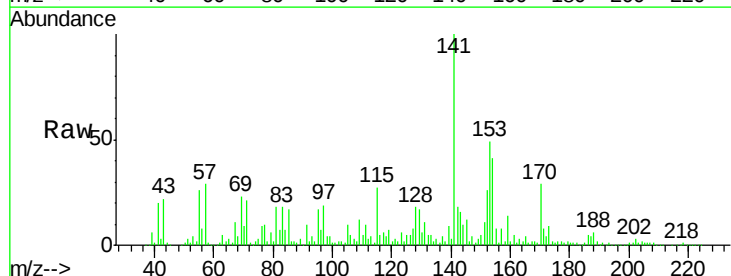
Instrument :
 BNA_F
 ClientSampleId :

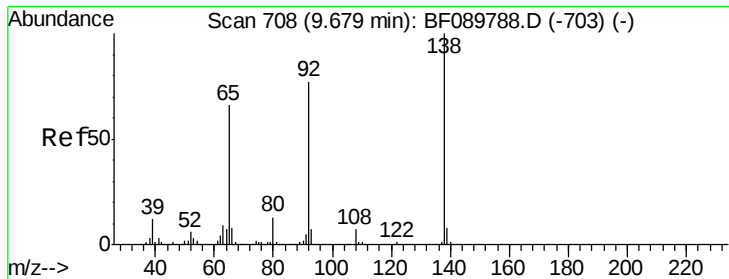
Tot Ion:165 Resp: 22478
 Ion Ratio Lower Upper
 165 100
 63 32.6 41.7 62.5#
 89 22.7 44.6 67.0#



#51
 Acenaphthene
 Concen: 8.72 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: BF089927.D
 Acq: 27 Aug 2016 00:21

Tgt Ion:154 Resp: 234508
 Ion Ratio Lower Upper
 154 100
 153 117.8 90.5 135.7
 152 63.4 44.6 67.0





#52

3-Nitroaniline

Concen: 2.83 ng

RT: 9.68 min Scan# 708

Delta R.T. 0.03 min

Lab File: BF089927.D

Acq: 27 Aug 2016 00:21

Instrument :

BNA_F

ClientSampled :

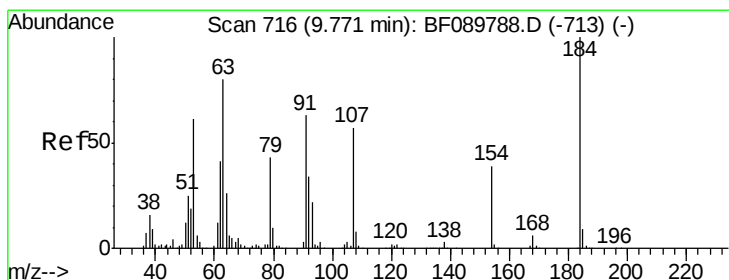
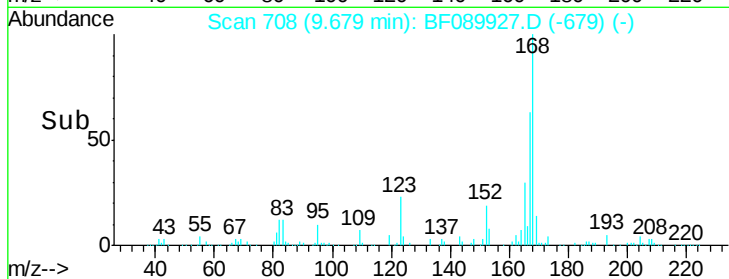
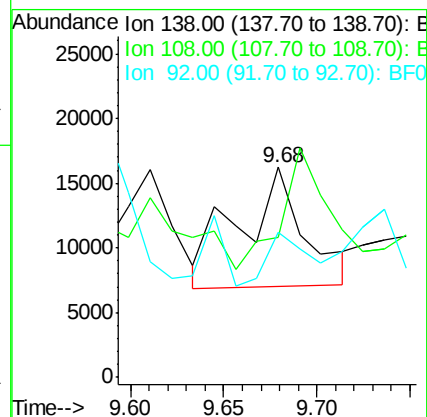
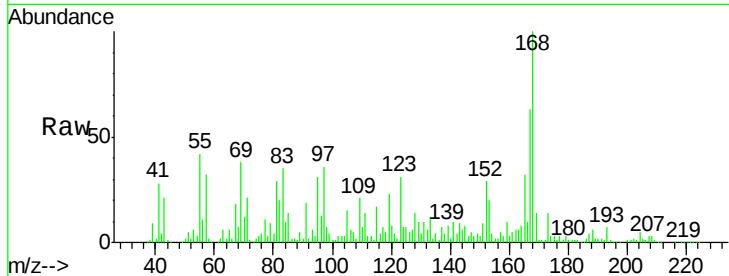
Tot Ion:138 Resp: 22557

Ion Ratio Lower Upper

138 100

108 66.7 8.1 12.1#

92 69.1 92.7 139.1#



#53

2,4-Dinitrophenol

Concen: 2.77 ng

RT: 9.76 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF089927.D

Acq: 27 Aug 2016 00:21

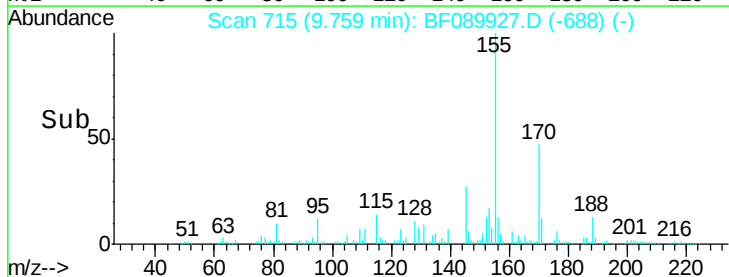
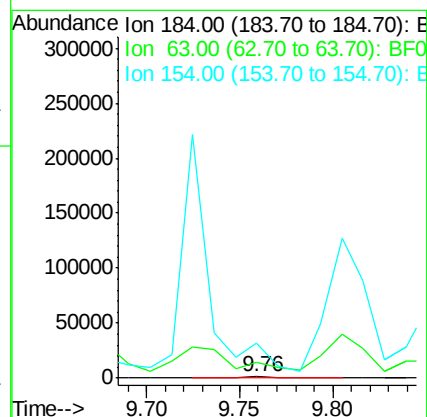
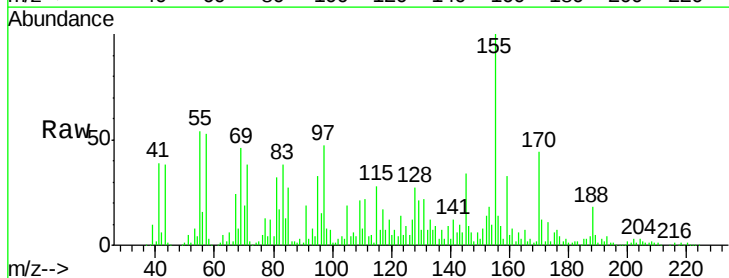
Tgt Ion:184 Resp: 1547

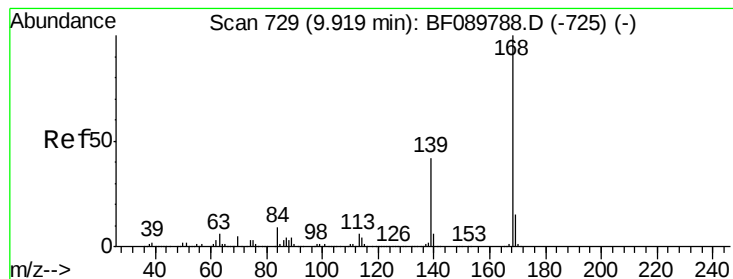
Ion Ratio Lower Upper

184 100

63 1416.5 54.2 81.4#

154 3064.4 52.7 79.1#





#54

Dibenzofuran

Concen: 4.25 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF089927.D

Acq: 27 Aug 2016 00:21

Instrument :

BNA_F

ClientSampled :

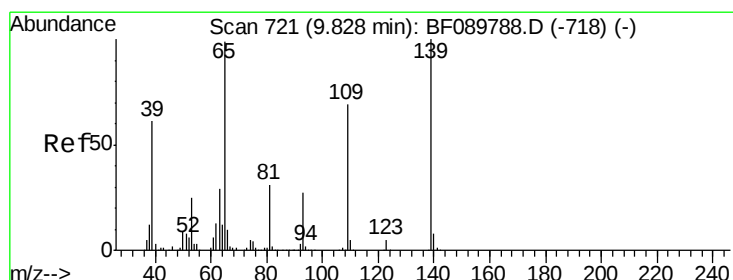
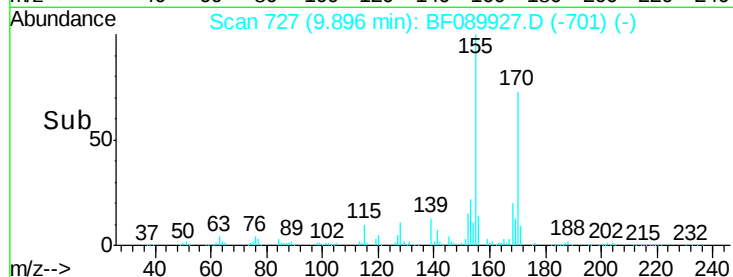
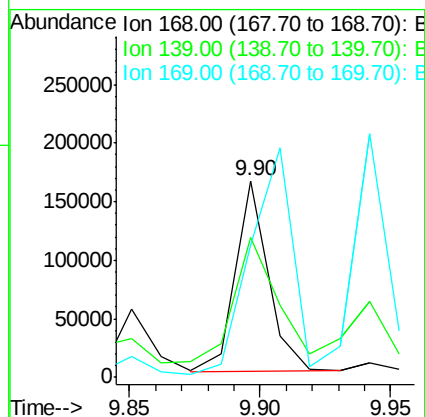
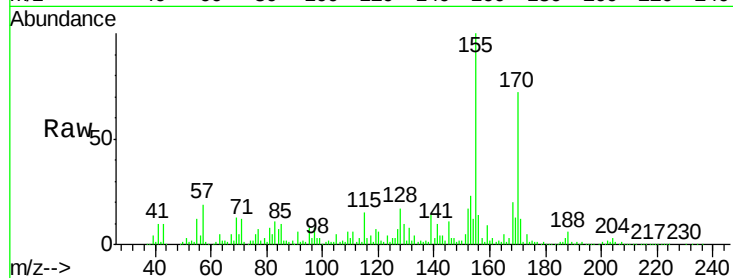
Tot Ion:168 Resp: 143686

Ion Ratio Lower Upper

168 100

139 71.0 34.6 52.0#

169 67.0 11.5 17.3#



#55

4-Nitrophenol

Concen: 21.36 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF089927.D

Acq: 27 Aug 2016 00:21

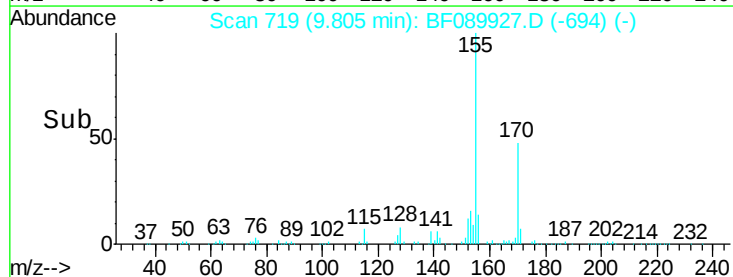
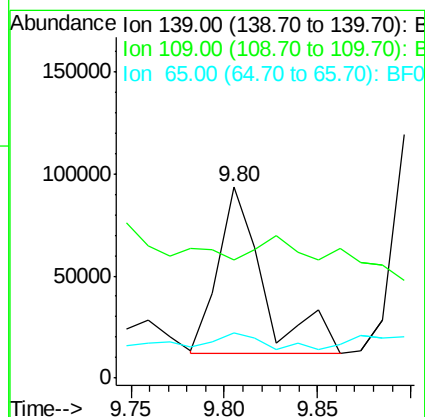
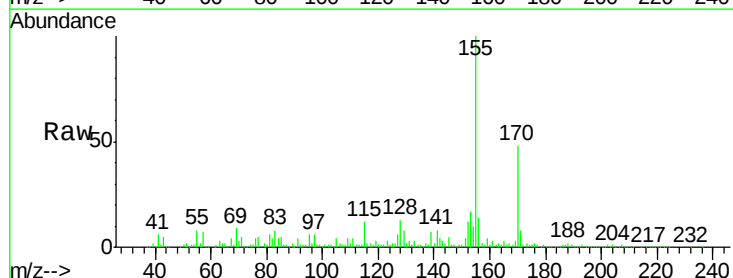
Tgt Ion:139 Resp: 138820

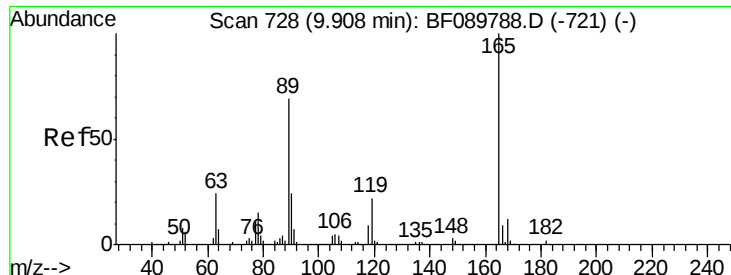
Ion Ratio Lower Upper

139 100

109 61.8 43.0 83.0

65 23.5 55.7 95.7#

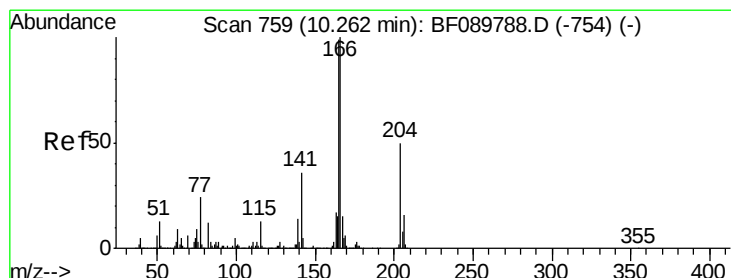
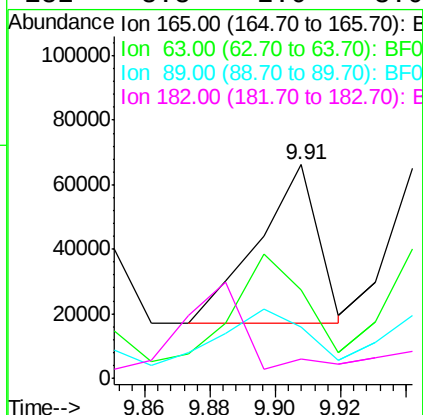
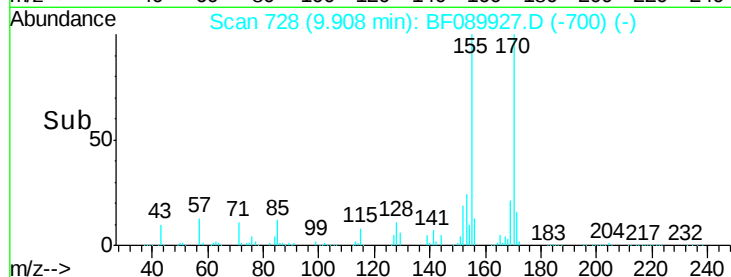
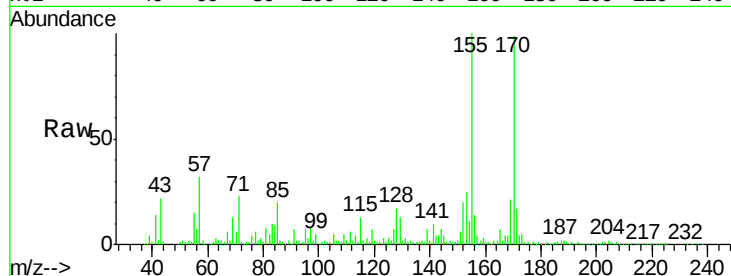




#56
 2,4-Dinitrotoluene
 Concen: 6.75 ng
 RT: 9.91 min Scan# 728
 Delta R.T. 0.02 min
 Lab File: BF089927.D
 Acq: 27 Aug 2016 00:21

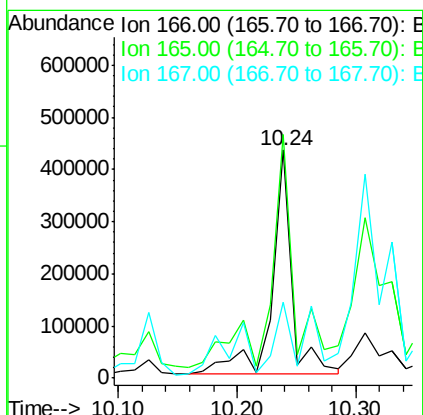
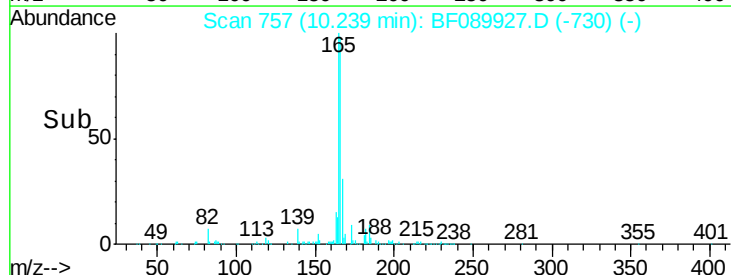
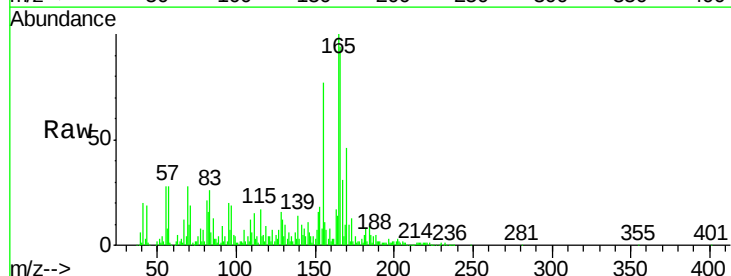
Instrument :
 BNA_F
 ClientSampleId :

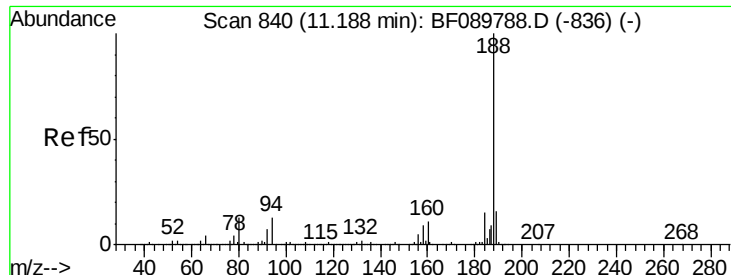
Tot Ion:165 Resp: 62897
 Ion Ratio Lower Upper
 165 100
 63 41.3 23.7 35.5#
 89 24.1 44.0 66.0#
 182 8.8 2.0 3.0#



#57
 Fluorene
 Concen: 18.69 ng
 RT: 10.24 min Scan# 757
 Delta R.T. 0.01 min
 Lab File: BF089927.D
 Acq: 27 Aug 2016 00:21

Tgt Ion:166 Resp: 503187
 Ion Ratio Lower Upper
 166 100
 165 106.7 80.2 120.4
 167 33.4 11.3 16.9#

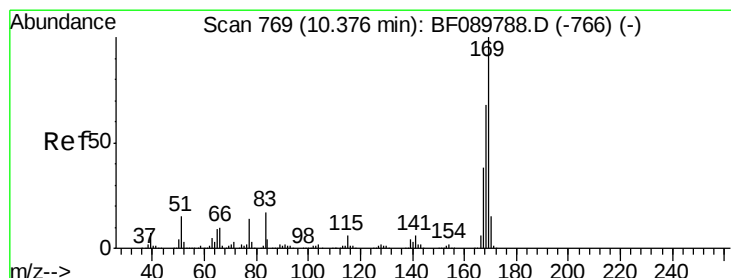
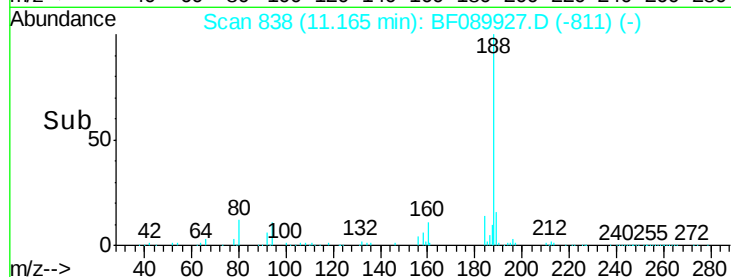
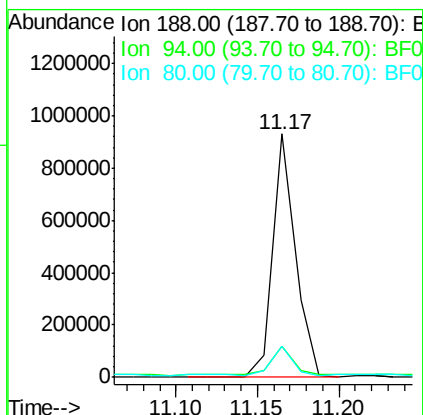
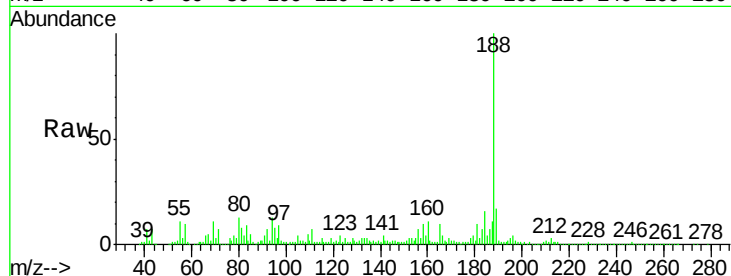




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF089927.D
Acq: 27 Aug 2016 00:21

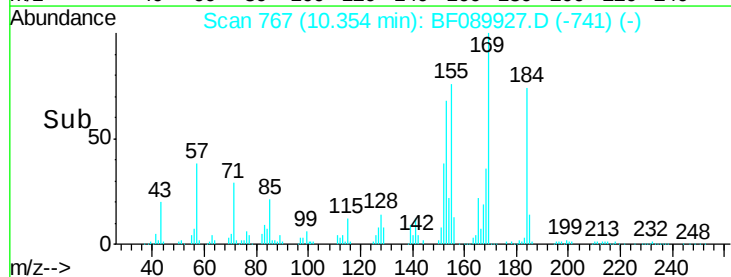
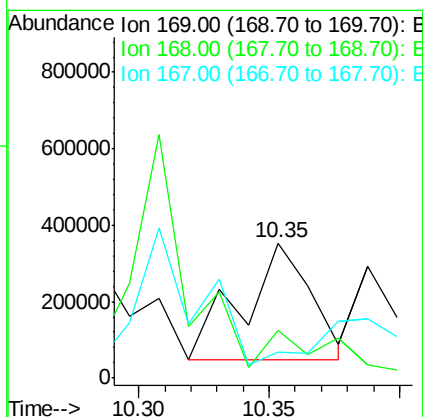
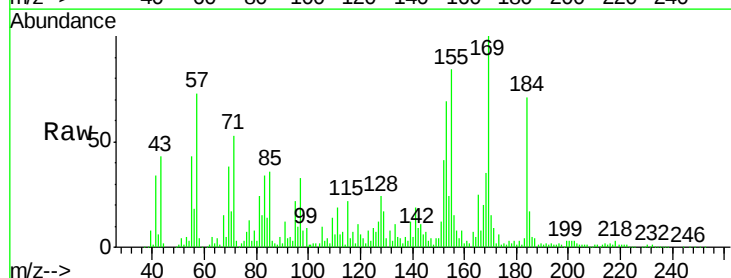
Instrument :
BNA_F
ClientSampleId :

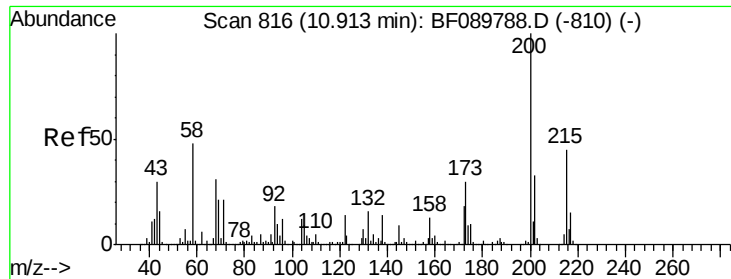
Tot Ion:188 Resp: 901003
Ion Ratio Lower Upper
188 100
94 12.6 10.2 15.2
80 12.7 10.9 16.3



#65
n-Nitrosodiphenylamine
Concen: 19.85 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF089927.D
Acq: 27 Aug 2016 00:21

Tgt Ion:169 Resp: 562400
Ion Ratio Lower Upper
169 100
168 35.2 54.6 82.0#
167 19.6 30.6 45.8#

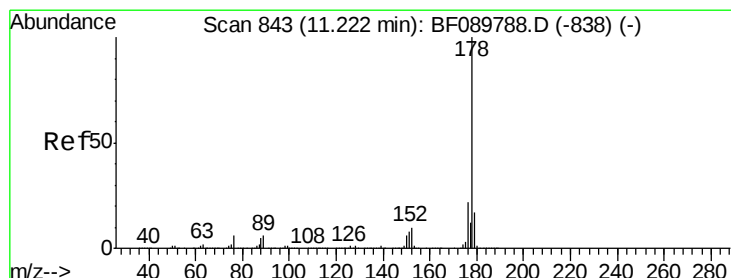
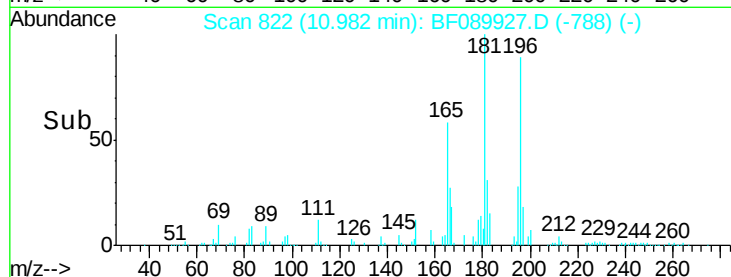
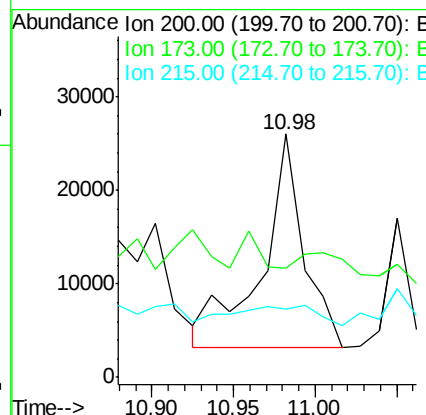
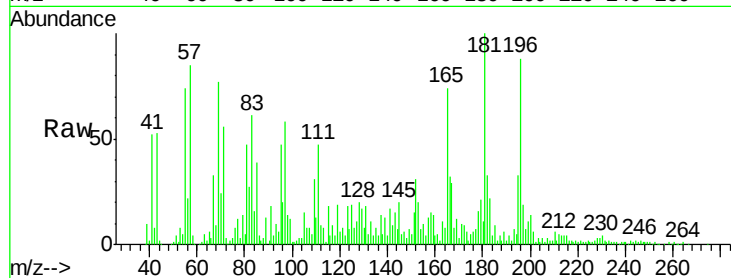




#68
 Atrazine
 Concen: 4.73 ng
 RT: 10.98 min Scan# 822
 Delta R.T. 0.09 min
 Lab File: BF089927.D
 Acq: 27 Aug 2016 00:21

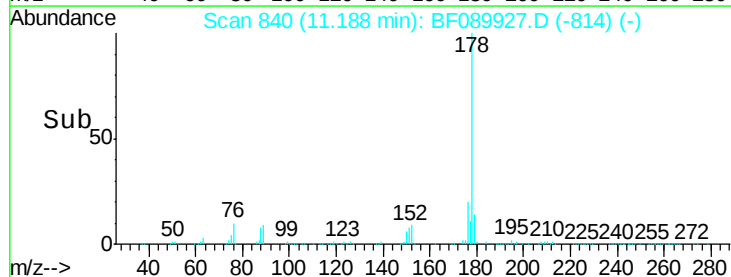
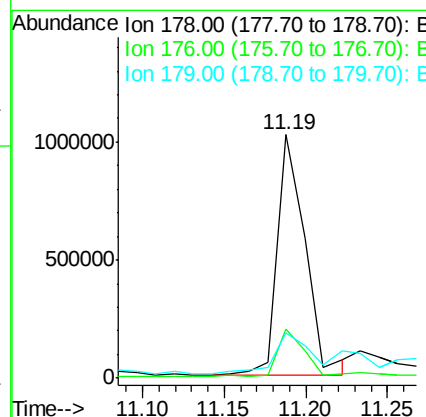
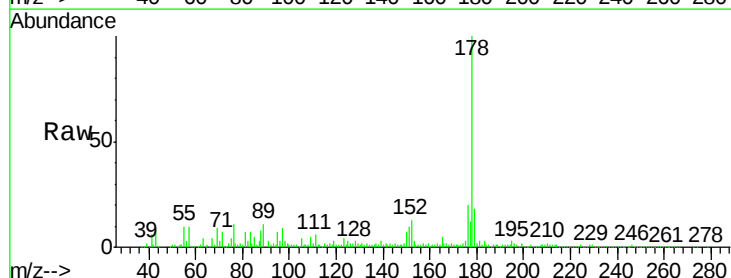
Instrument :
 BNA_F
 ClientSampled :

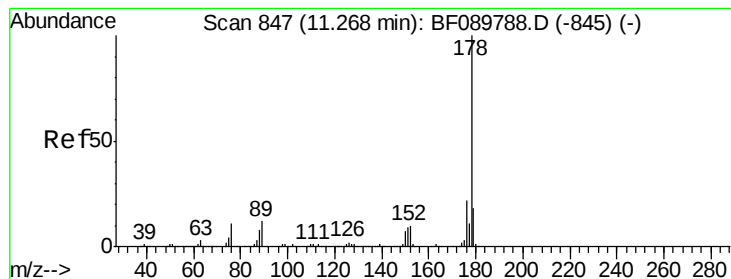
Tot Ion:200 Resp: 40996
 Ion Ratio Lower Upper
 200 100
 173 44.7 6.6 46.6
 215 28.3 24.7 64.7



#70
 Phenanthrene
 Concen: 26.80 ng
 RT: 11.19 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BF089927.D
 Acq: 27 Aug 2016 00:21

Tgt Ion:178 Resp: 1219659
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.4 24.6
 179 18.3 12.5 18.7





#71

Anthracene

Concen: 26.37 ng

RT: 11.19 min Scan# 840

Delta R.T. -0.05 min

Lab File: BF089927.D

Acq: 27 Aug 2016 00:21

Instrument :

BNA_F

ClientSampled :

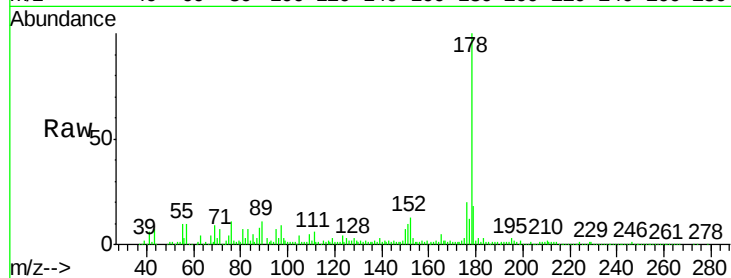
Tot Ion:178 Resp: 1219659

Ion Ratio Lower Upper

178 100

176 20.2 16.4 24.6

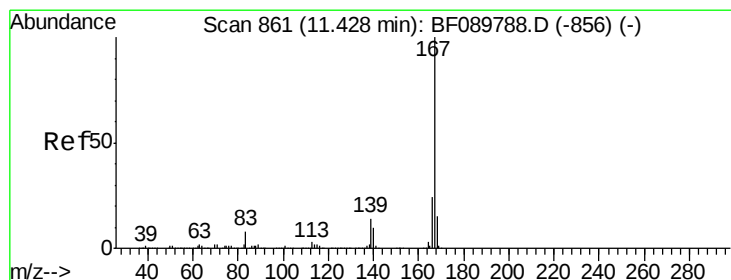
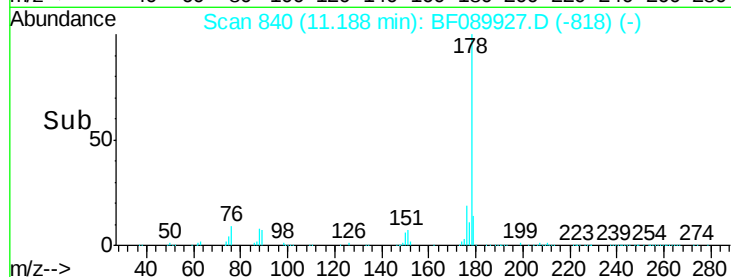
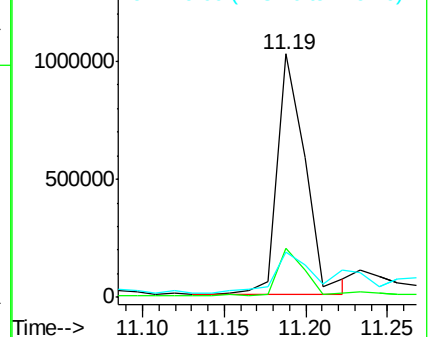
179 18.3 13.1 19.7



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: 2.13 ng

RT: 11.39 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF089927.D

Acq: 27 Aug 2016 00:21

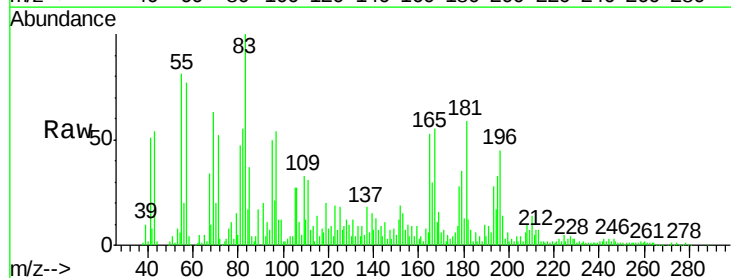
Tgt Ion:167 Resp: 88468

Ion Ratio Lower Upper

167 100

166 55.1 17.9 26.9#

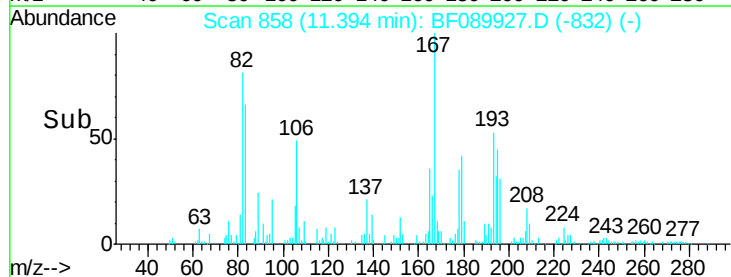
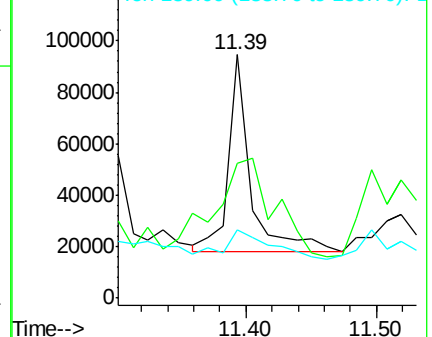
139 27.9 12.4 18.6#

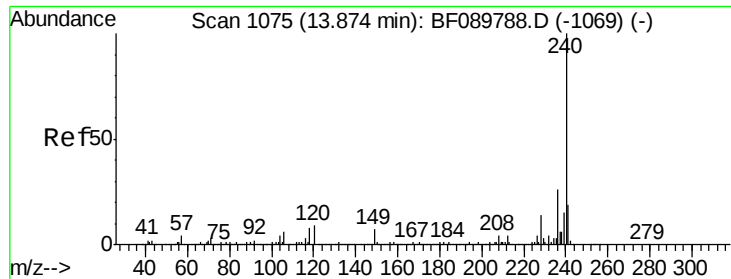


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BF089927.D

Acq: 27 Aug 2016 00:21

Instrument :

BNA_F

ClientSampleId :

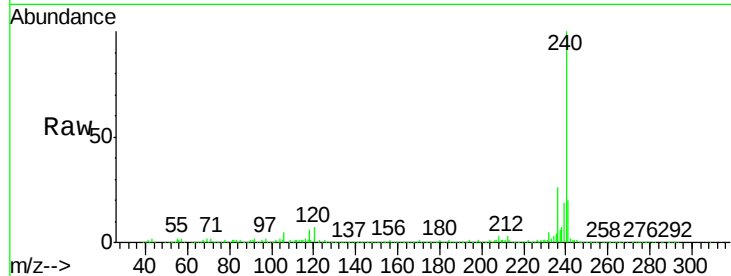
Tot Ion:240 Resp: 884084

Ion Ratio Lower Upper

240 100

120 7.5 8.3 12.5#

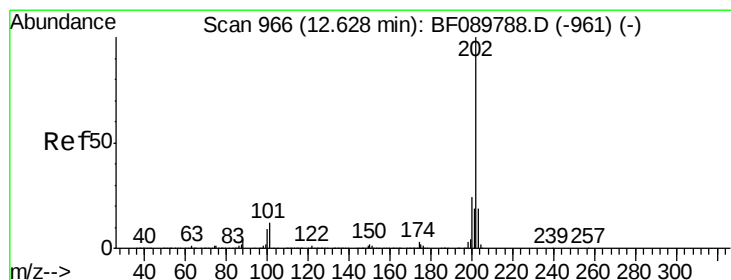
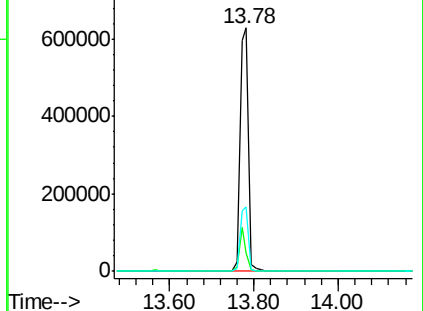
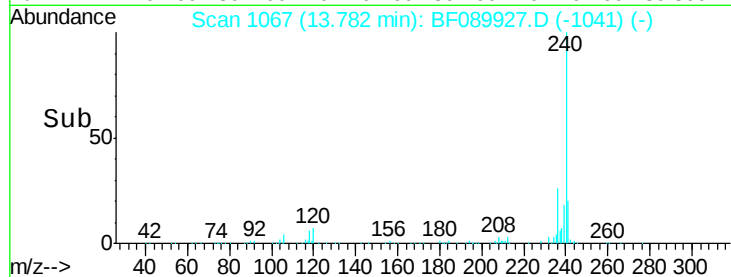
236 26.3 21.3 31.9



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: 4.92 ng

RT: 12.59 min Scan# 963

Delta R.T. 0.01 min

Lab File: BF089927.D

Acq: 27 Aug 2016 00:21

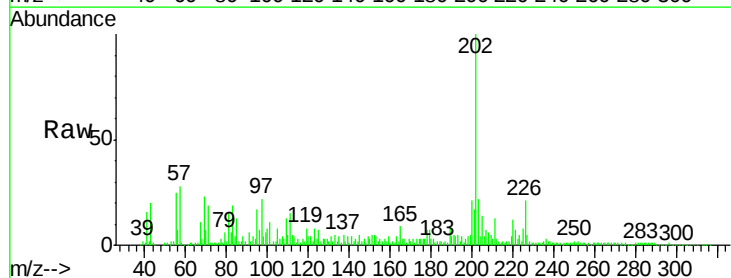
Tgt Ion:202 Resp: 354421

Ion Ratio Lower Upper

202 100

200 20.6 17.8 26.6

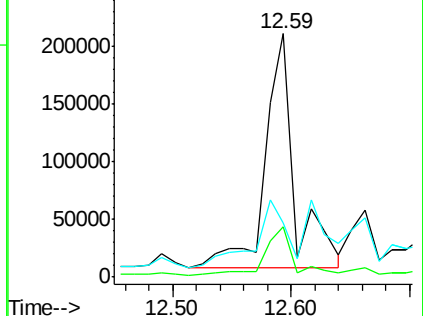
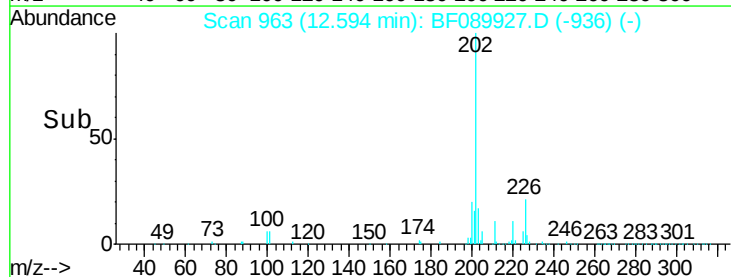
203 22.3 14.2 21.4#

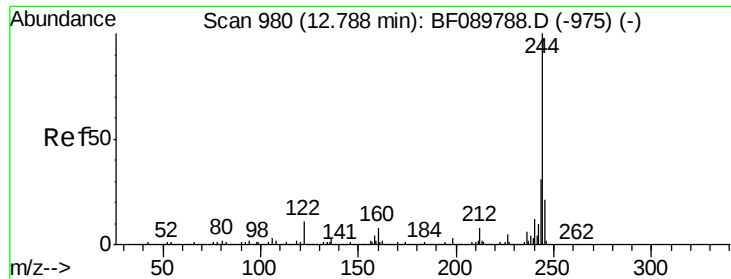


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 1.63 ng

RT: 12.74 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF089927.D

Acq: 27 Aug 2016 00:21

Instrument :

BNA_F

ClientSampleId :

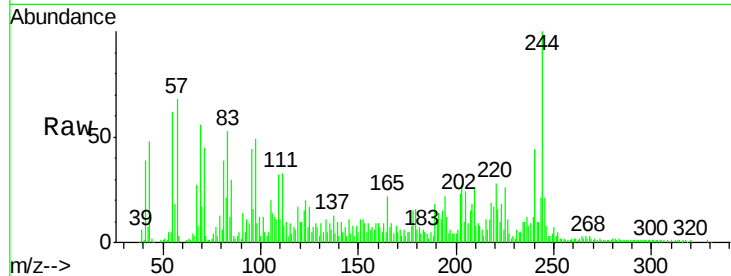
Tot Ion:244 Resp: 63858

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

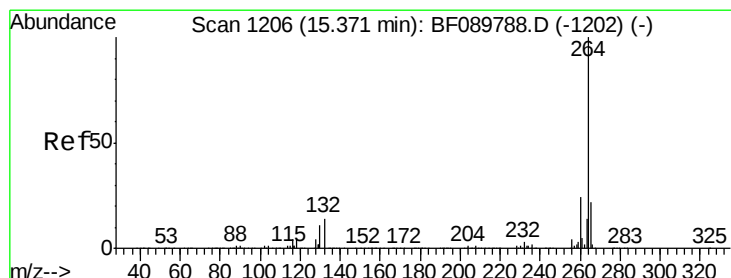
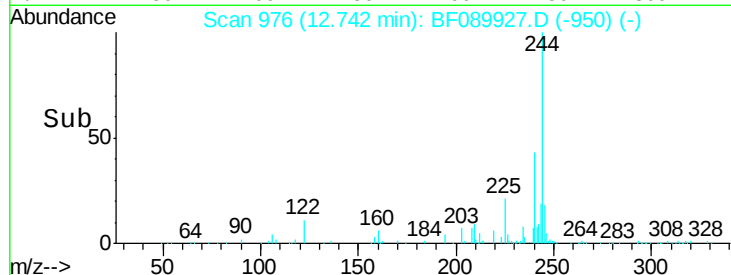
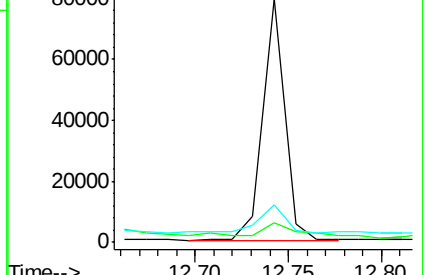
122 15.5 12.0 18.0



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.13 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BF089927.D

Acq: 27 Aug 2016 00:21

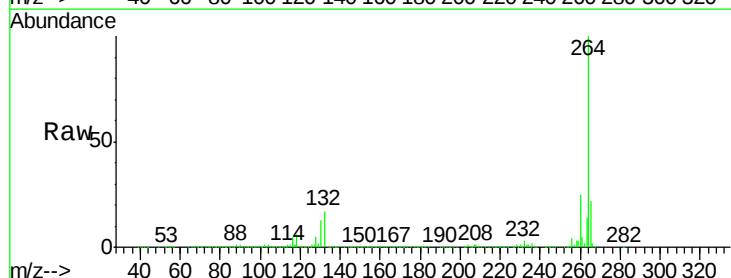
Tgt Ion:264 Resp: 733733

Ion Ratio Lower Upper

264 100

260 24.6 20.2 30.2

265 21.8 17.4 26.2



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

