

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
 Data File : BF089925.D
 Acq On : 26 Aug 2016 23:25
 Operator : UM/SJ
 Sample : H4576-07 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 27 01:29:21 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	307881	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	913330	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	423917	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	902227	20.00	ng	0.01
75) Chrysene-d12	13.77	240	859171	20.00	ng	-0.01
86) Perylene-d12	15.13	264	725487	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	256130	14.27	ng	-0.01
7) Phenol-d6	6.27	99	303807	13.79	ng	-0.02
23) Nitrobenzene-d5	7.21	82	281882	19.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	55233	13.71	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	318320	13.20	ng	0.00
78) Terphenyl-d14	12.74	244	303705	8.00	ng	0.00

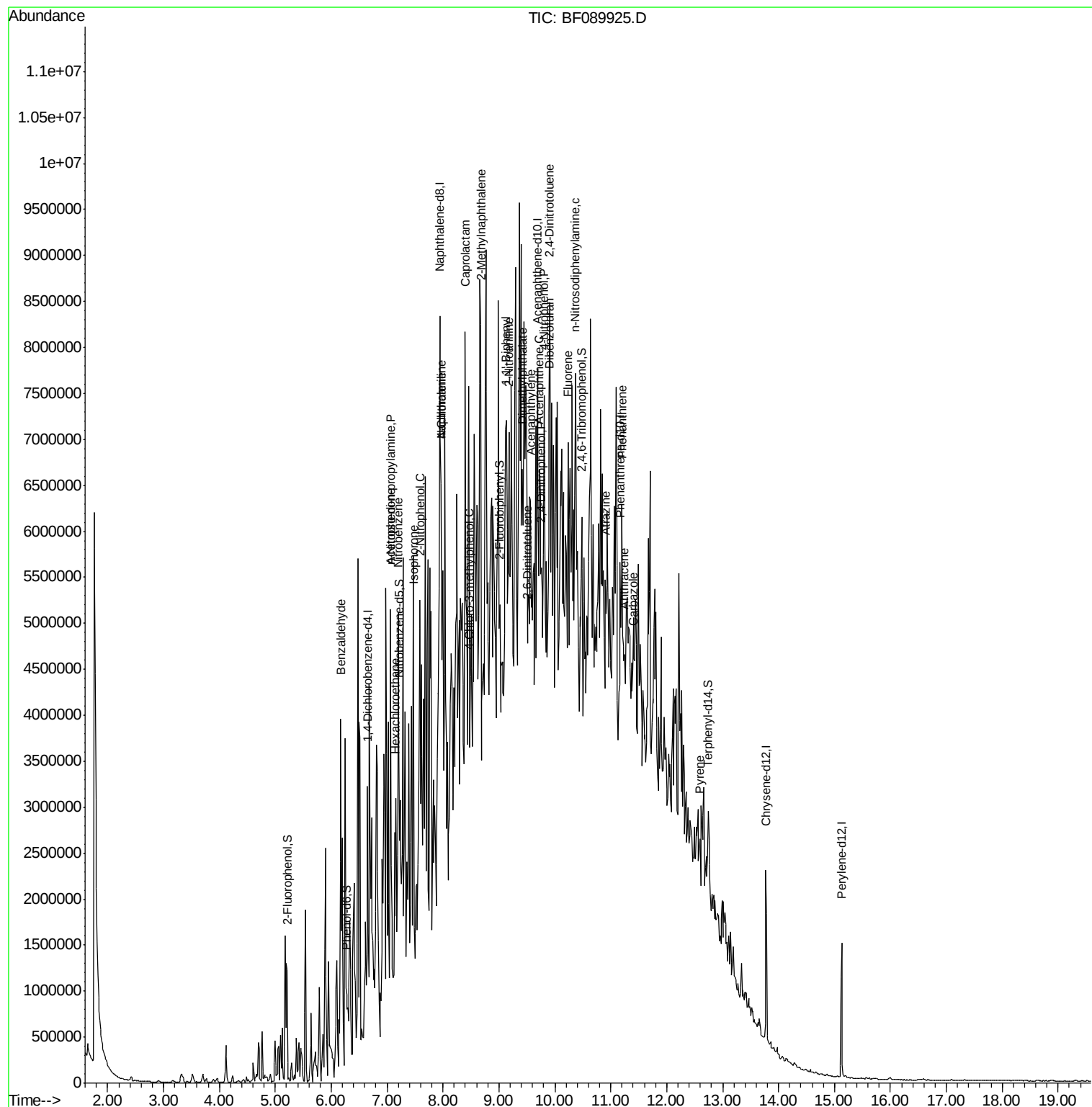
Target Compounds						Qvalue
9) Benzaldehyde	6.17	77	118798	8.28	ng	# 1
18) Hexachloroethane	7.15	117	131720	16.01	ng	# 1
19) n-Nitroso-di-n-propylamine	7.06	70	113589	8.06	ng	# 72
22) Acetophenone	7.06	105	800054	38.15	ng	# 46
24) Nitrobenzene	7.20	77	131631	7.98	ng	# 39
25) Isophorone	7.47	82	174928	5.90	ng	# 1
26) 2-Nitrophenol	7.59	139	21502	2.61	ng	# 1
31) Naphthalene	7.96	128	1847736	43.29	ng	99
33) 4-Chloroaniline	7.96	127	314998	17.02	ng	# 37
35) Caprolactam	8.40	113	231333	61.04	ng	# 68
36) 4-Chloro-3-methylphenol	8.47	107	42020	3.12	ng	# 1
37) 2-Methylnaphthalene	8.67	142	3170283	114.80	ng	99
45) 1,1'-Biphenyl	9.12	154	534065	16.28	ng	96
47) 2-Nitroaniline	9.18	65	50801	6.87	ng	# 35
48) Acenaphthylene	9.56	152	107400	2.76	ng	# 1
49) Dimethylphthalate	9.42	163	113460	3.80	ng	# 45
50) 2,6-Dinitrotoluene	9.51	165	29847	4.33	ng	# 64
51) Acenaphthene	9.72	154	267236	10.36	ng	93
53) 2,4-Dinitrophenol	9.76	184	1337	2.71	ng	# 1
54) Dibenzofuran	9.90	168	159929	4.94	ng	# 42
55) 4-Nitrophenol	9.80	139	140970	22.62	ng	# 66
56) 2,4-Dinitrotoluene	9.91	165	69041	7.72	ng	# 63
57) Fluorene	10.24	166	565988	21.93	ng	# 88
65) n-Nitrosodiphenylamine	10.36	169	671360	23.67	ng	# 47
68) Atrazine	10.90	200	45835	5.28	ng	# 71
70) Phenanthrene	11.20	178	1451593	31.86	ng	# 95
71) Anthracene	11.24	178	98460	2.13	ng	# 70
72) Carbazole	11.39	167	92358	2.22	ng	# 39
77) Pyrene	12.59	202	405893	5.80	ng	# 94

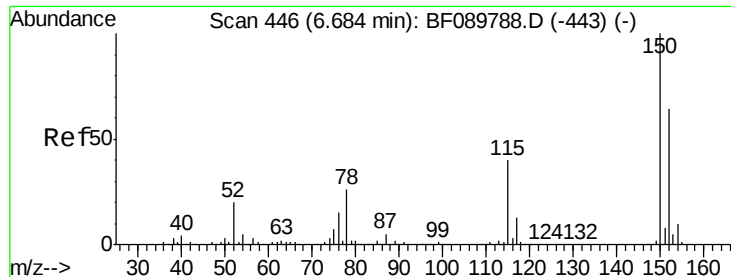
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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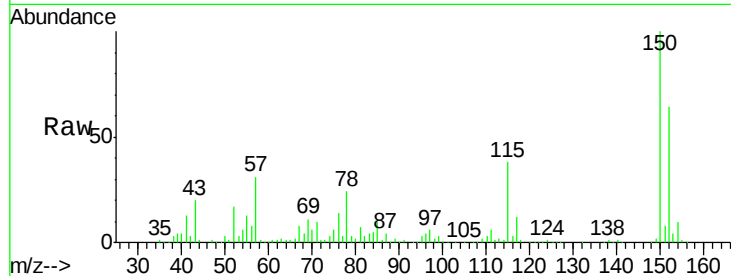


#1

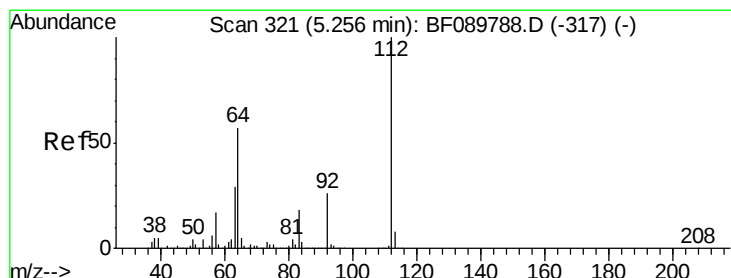
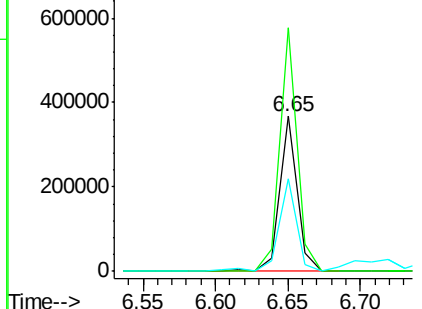
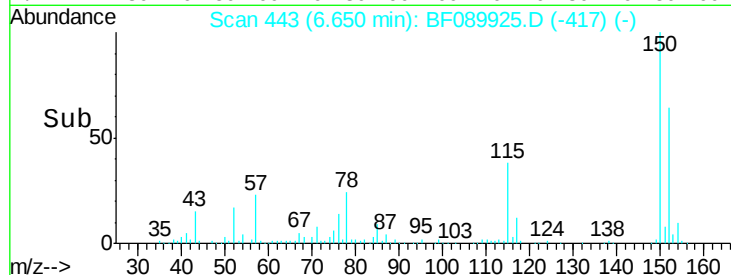
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF089925.D
Acq: 26 Aug 2016 23:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	125.3	187.9
115	60.1	40.9	61.3



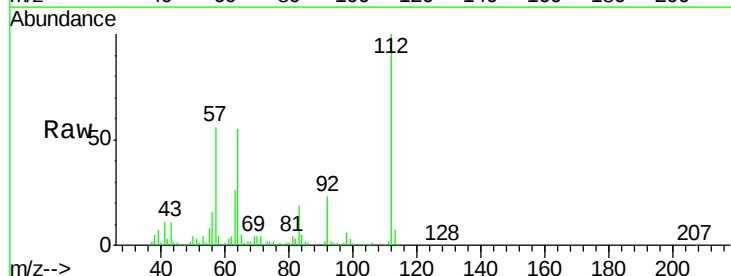
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



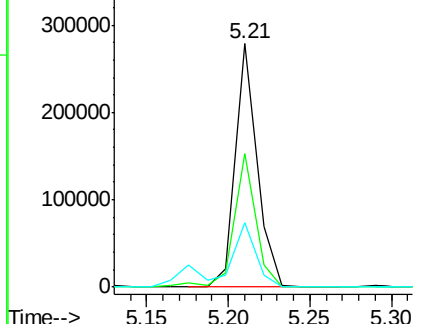
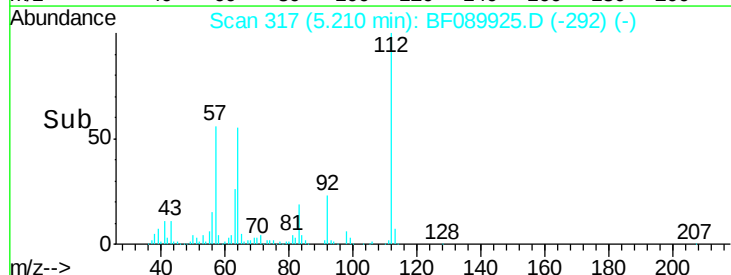
#5

2-Fluorophenol
Concen: 14.27 ng
RT: 5.21 min Scan# 317
Delta R.T. -0.01 min
Lab File: BF089925.D
Acq: 26 Aug 2016 23:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	45.0	67.4
63	26.5	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: 13.79 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF089925.D

Acq: 26 Aug 2016 23:25

Instrument :

BNA_F

ClientSampleId :

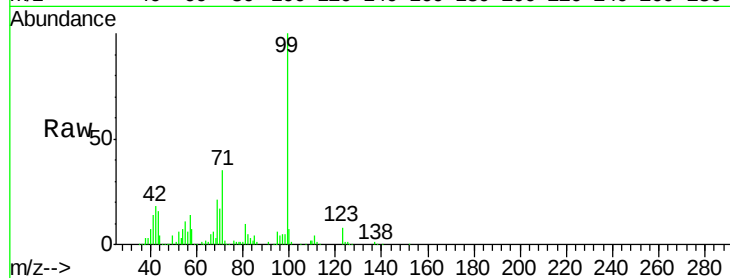
Tot Ion: 99 Resp: 303807

Ion Ratio Lower Upper

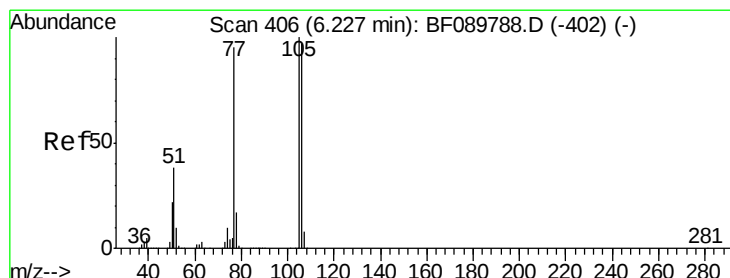
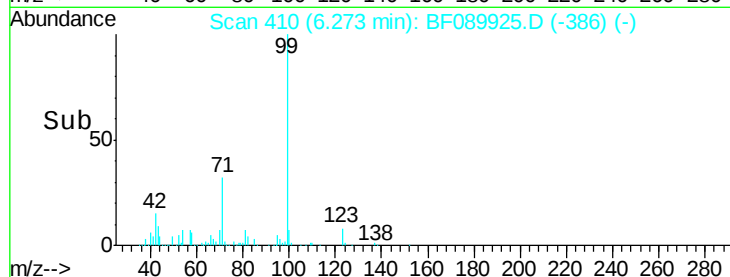
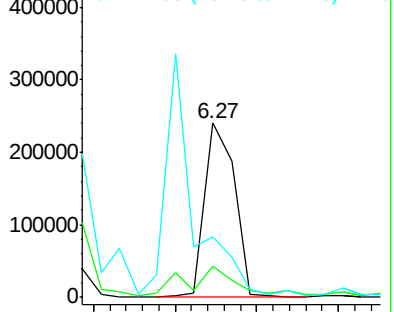
99 100

42 17.6 12.2 18.4

71 34.6 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: 8.28 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.02 min

Lab File: BF089925.D

Acq: 26 Aug 2016 23:25

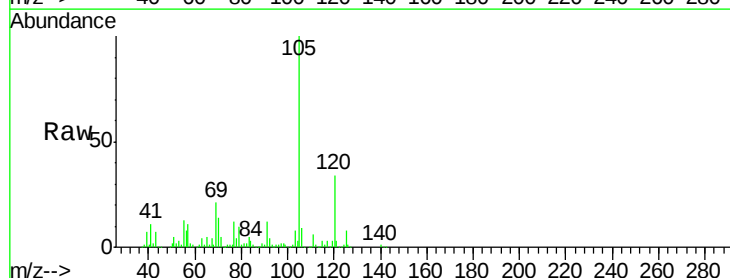
Tgt Ion: 77 Resp: 118798

Ion Ratio Lower Upper

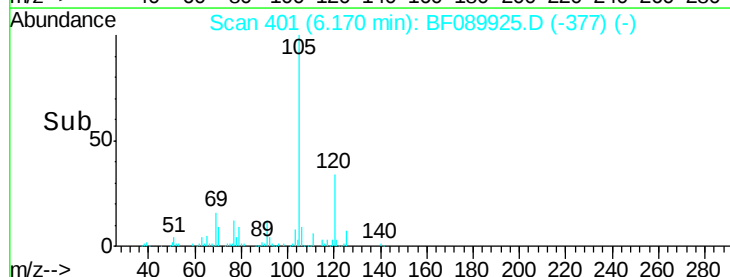
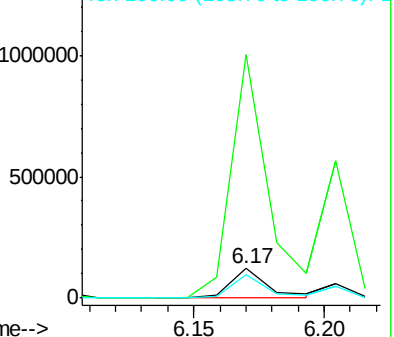
77 100

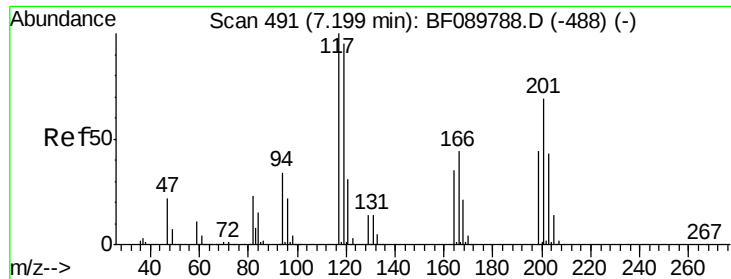
105 819.0 73.3 113.3#

106 77.4 68.6 108.6



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

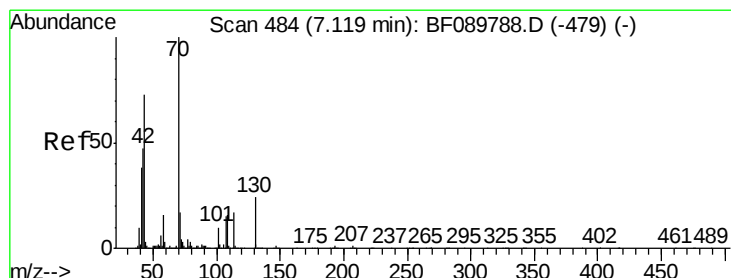
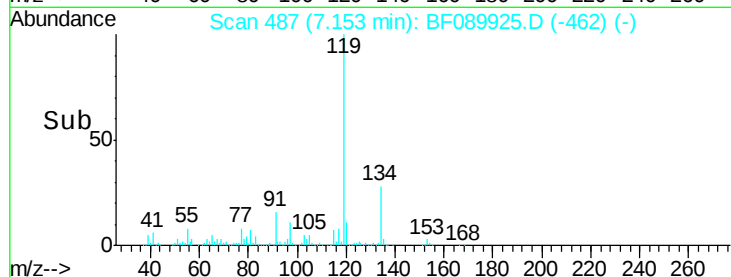
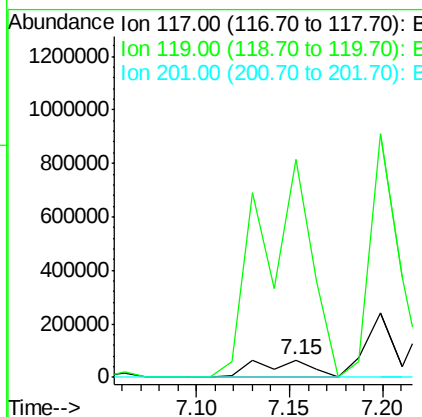
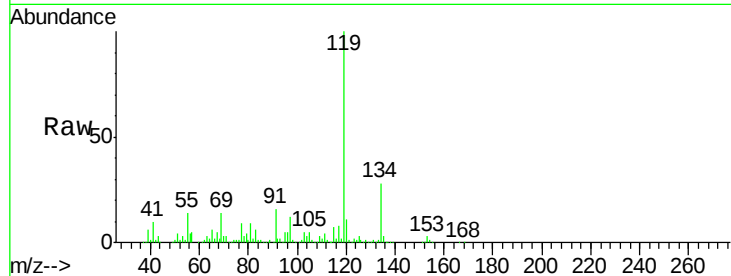




#18
Hexachloroethane
Concen: 16.01 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF089925.D
Acq: 26 Aug 2016 23:25

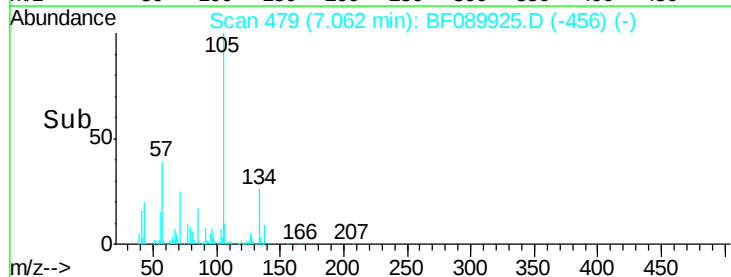
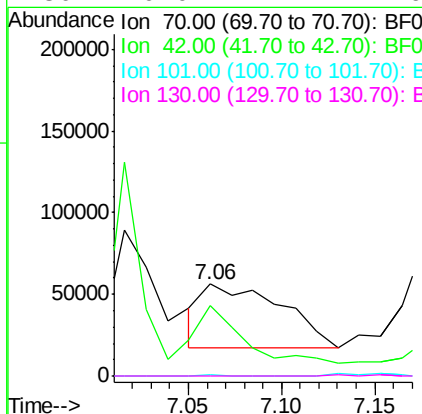
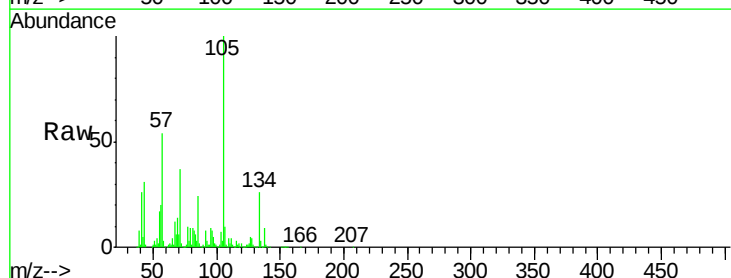
Instrument :
BNA_F
ClientSampleId :

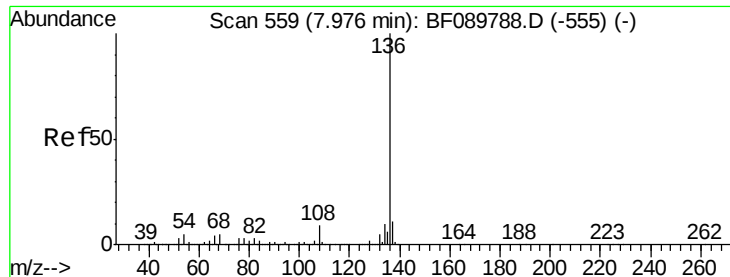
Tot Ion:117 Resp: 131720
Ion Ratio Lower Upper
117 100
119 1266.8 77.1 115.7#
201 0.0 76.9 115.3#



#19
n-Nitroso-di-n-propylamine
Concen: 8.06 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.03 min
Lab File: BF089925.D
Acq: 26 Aug 2016 23:25

Tgt Ion: 70 Resp: 113589
Ion Ratio Lower Upper
70 100
42 77.0 46.3 69.5#
101 2.1 7.0 10.6#
130 0.0 14.4 21.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 556

Delta R.T. -0.00 min

Lab File: BF089925.D

Acq: 26 Aug 2016 23:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 913330

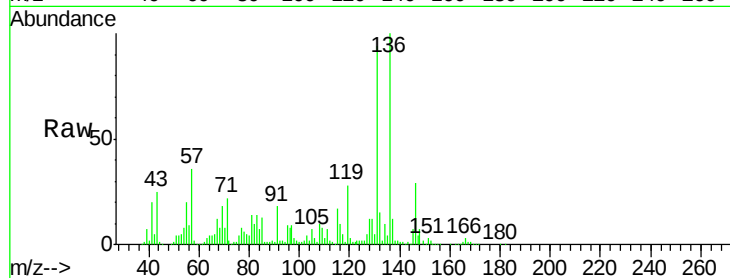
Ion Ratio Lower Upper

136 100

137 12.4 9.2 13.8

54 7.6 7.2 10.8

68 8.3 5.8 8.8

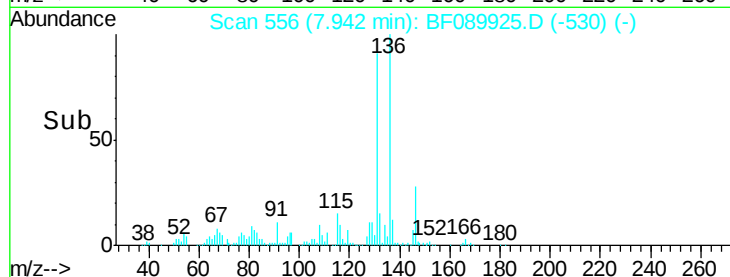


Abundance Ion 136.00 (135.70 to 136.70): E

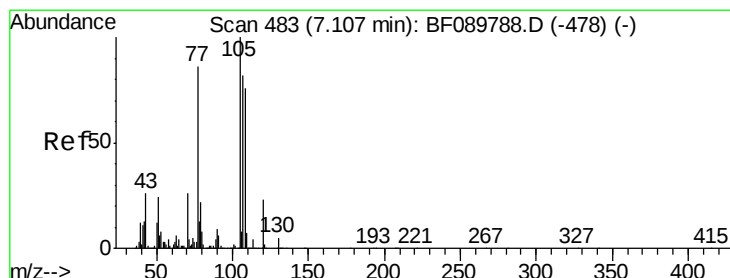
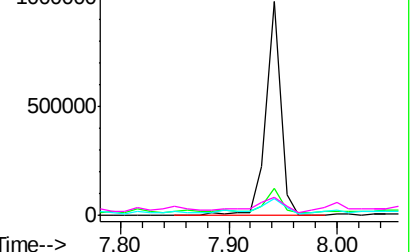
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 38.15 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF089925.D

Acq: 26 Aug 2016 23:25

Tgt Ion:105 Resp: 800054

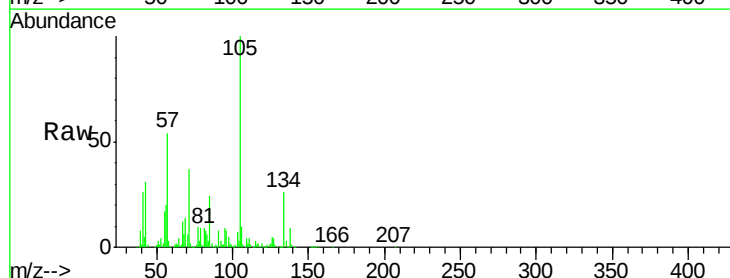
Ion Ratio Lower Upper

105 100

71 37.1 1.9 2.9#

51 2.9 28.5 42.7#

120 0.2 16.6 25.0#

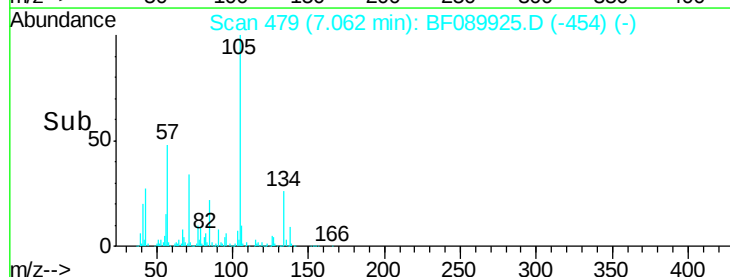


Abundance Ion 105.00 (104.70 to 105.70): E

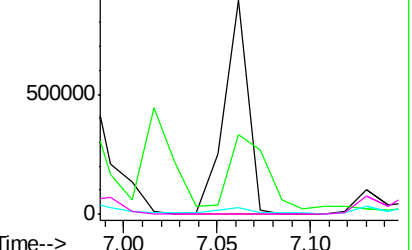
Ion 71.00 (70.70 to 71.70): BF0

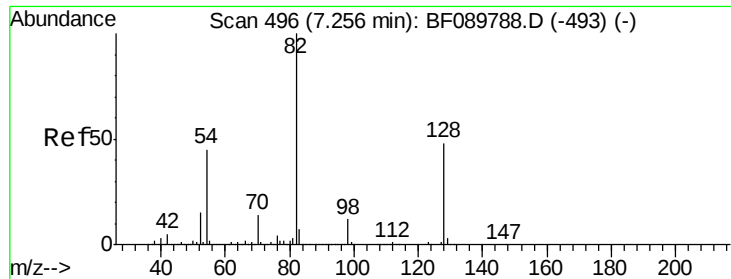
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

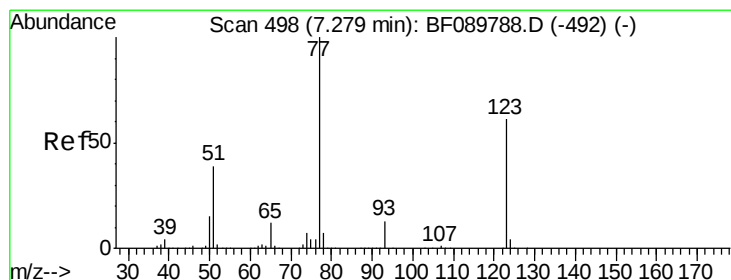
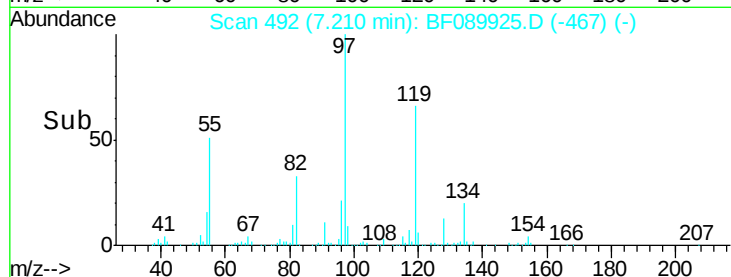
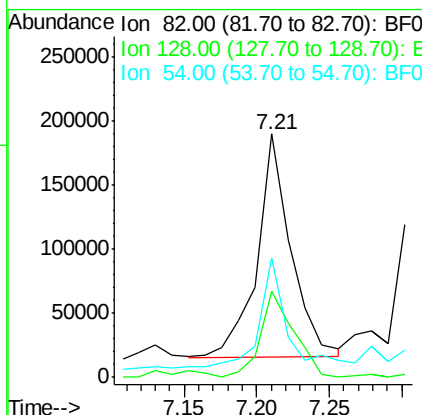
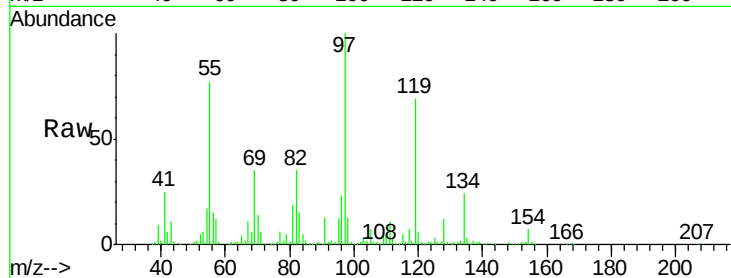




#23
 Nitrobenzene-d5
 Concen: 19.17 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: BF089925.D
 Acq: 26 Aug 2016 23:25

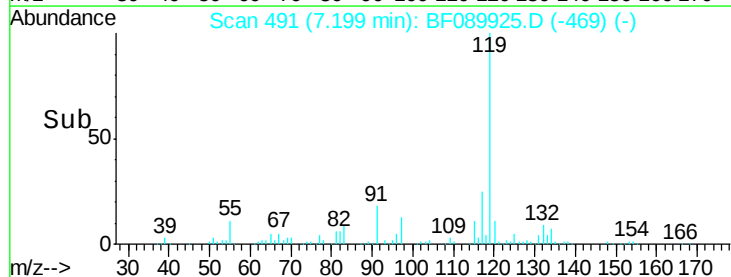
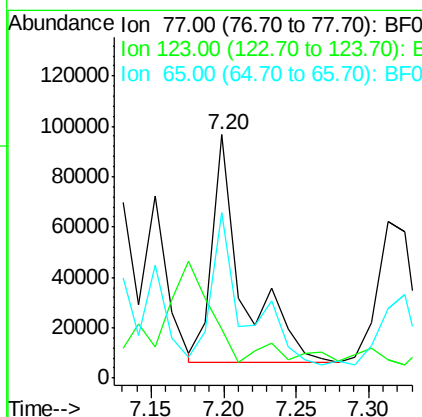
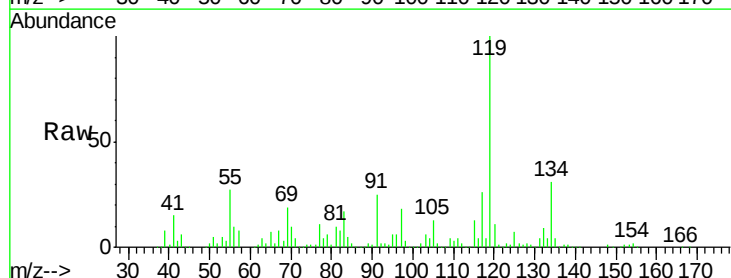
Instrument :
 BNA_F
 ClientSampleId :

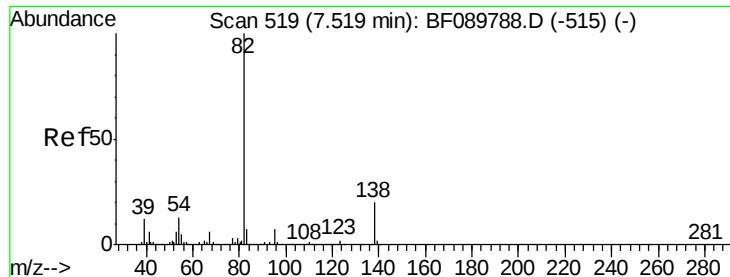
Tot Ion	82.00	Resp	281882
Ion Ratio	Lower	Upper	
82	100		
128	35.2	34.4	51.6
54	49.2	40.3	60.5



#24
 Nitrobenzene
 Concen: 7.98 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.05 min
 Lab File: BF089925.D
 Acq: 26 Aug 2016 23:25

Tgt Ion	77.00	Resp	131631
Ion Ratio	Lower	Upper	
77	100		
123	20.1	36.2	54.2#
65	67.8	10.6	15.8#





#25

Isophorone

Concen: 5.90 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF089925.D

Acq: 26 Aug 2016 23:25

Instrument :

BNA_F

ClientSampleId :

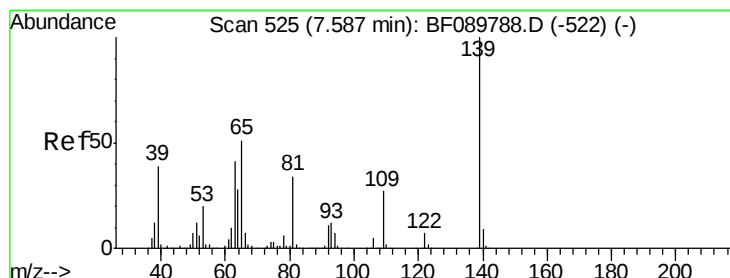
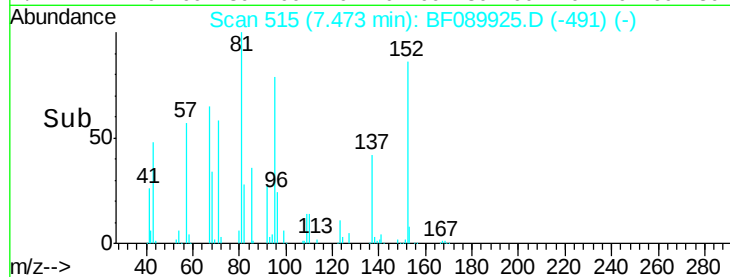
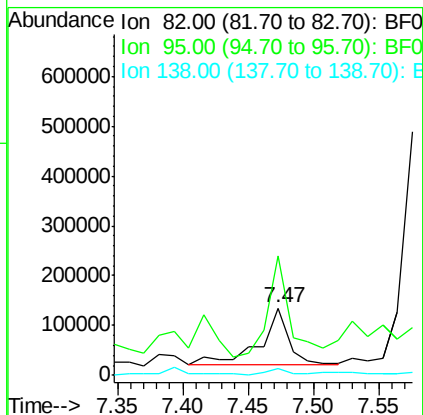
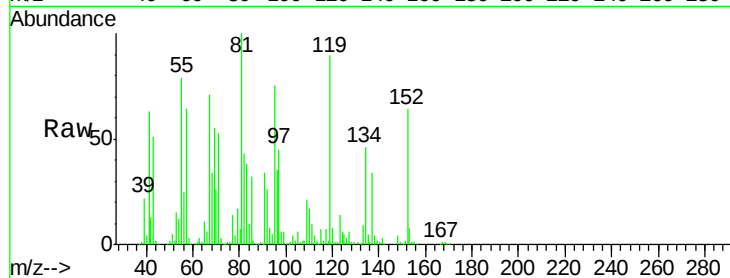
Tot Ion: 82 Resp: 174928

Ion Ratio Lower Upper

82 100

95 176.6 5.3 7.9#

138 9.5 13.0 19.4#



#26

2-Nitrophenol

Concen: 2.61 ng

RT: 7.59 min Scan# 525

Delta R.T. 0.02 min

Lab File: BF089925.D

Acq: 26 Aug 2016 23:25

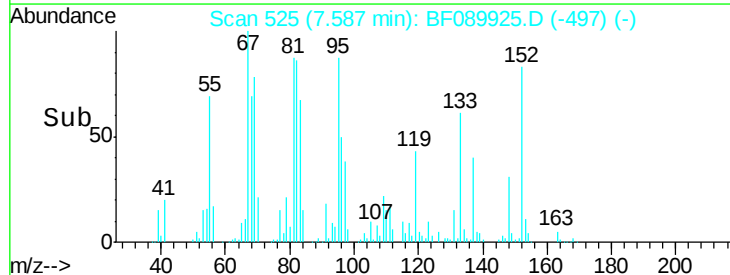
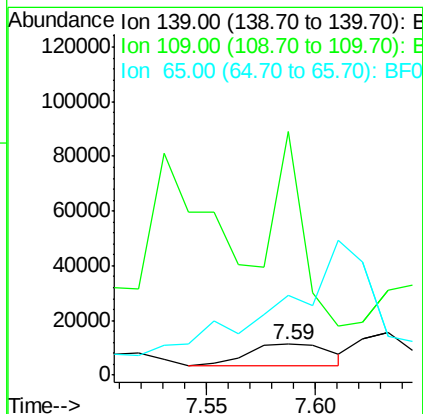
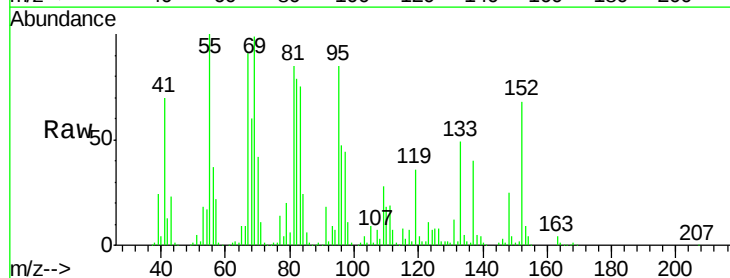
Tgt Ion: 139 Resp: 21502

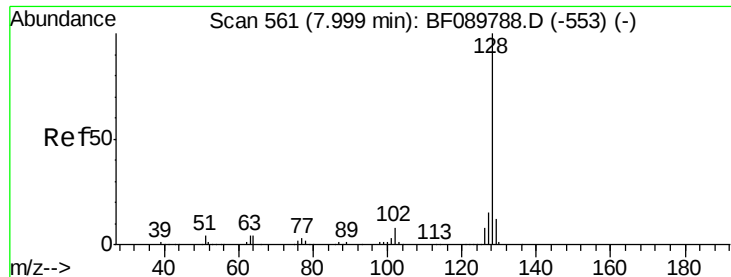
Ion Ratio Lower Upper

139 100

109 791.3 19.5 29.3#

65 260.5 26.5 39.7#

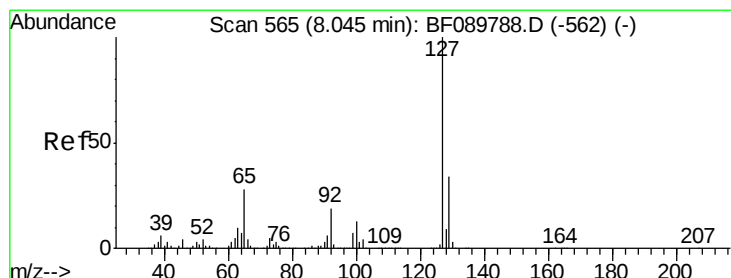
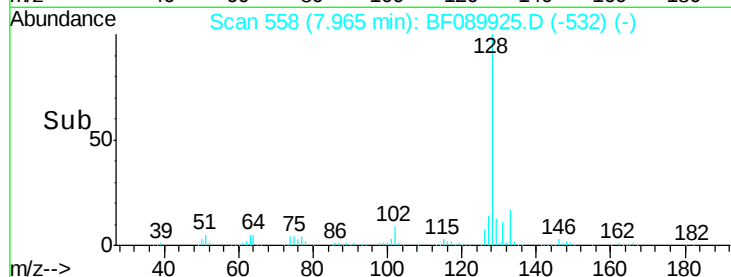
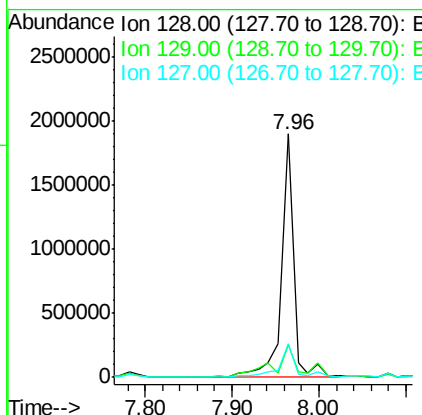
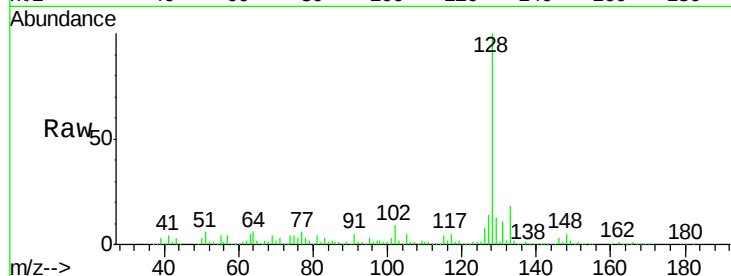




#31
Naphthalene
Concen: 43.29 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF089925.D
Acq: 26 Aug 2016 23:25

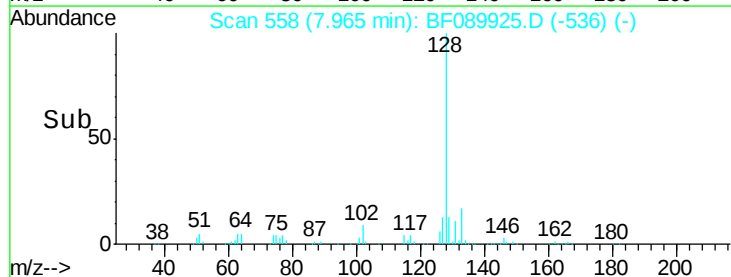
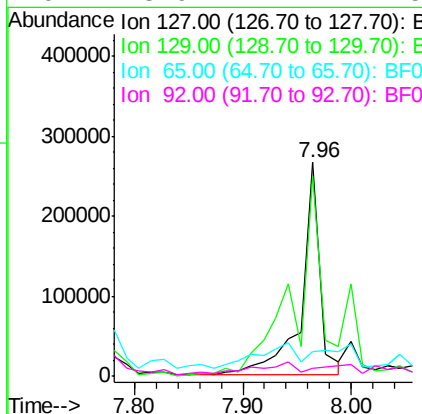
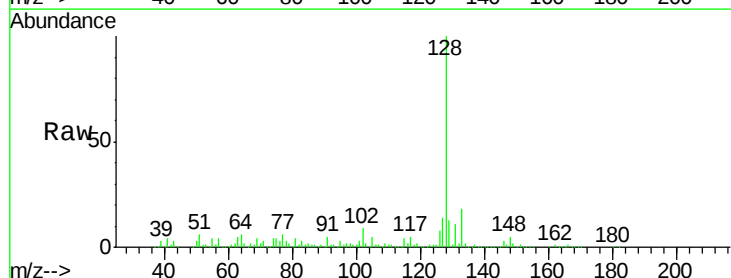
Instrument :
BNA_F
ClientSampleId :

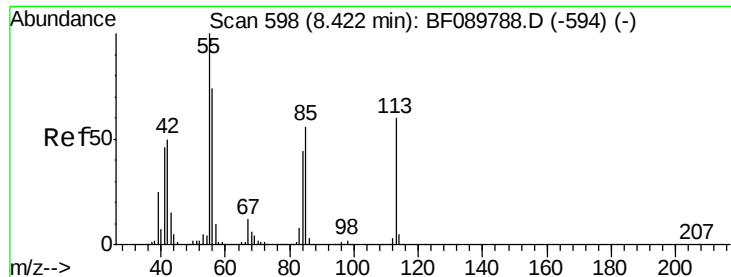
Tot Ion:128 Resp: 1847736
Ion Ratio Lower Upper
128 100
129 13.1 9.5 14.3
127 14.1 11.3 16.9



#33
4-Chloroaniline
Concen: 17.02 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.05 min
Lab File: BF089925.D
Acq: 26 Aug 2016 23:25

Tgt Ion:127 Resp: 314998
Ion Ratio Lower Upper
127 100
129 93.3 27.0 40.6#
65 11.6 14.7 22.1#
92 3.9 11.7 17.5#

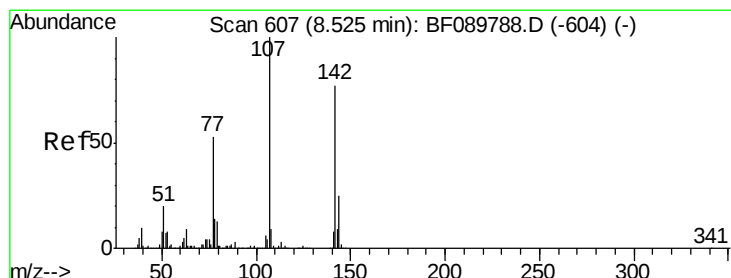
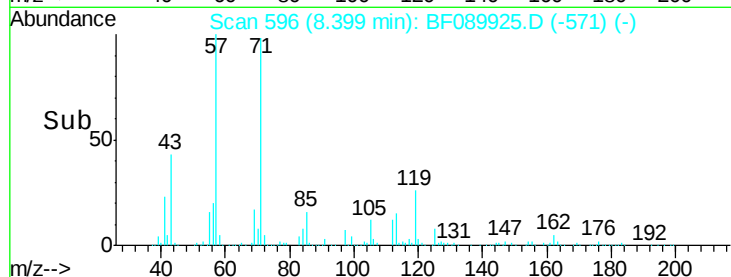
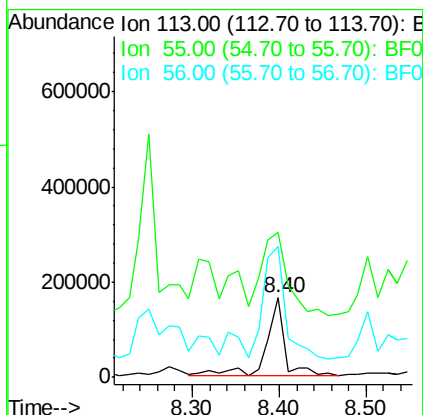
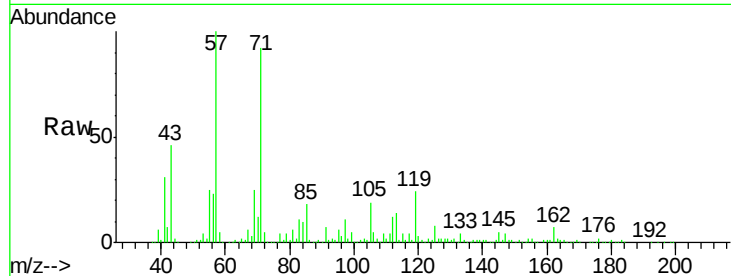




#35
 Caprolactam
 Concen: 61.04 ng
 RT: 8.40 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF089925.D
 Acq: 26 Aug 2016 23:25

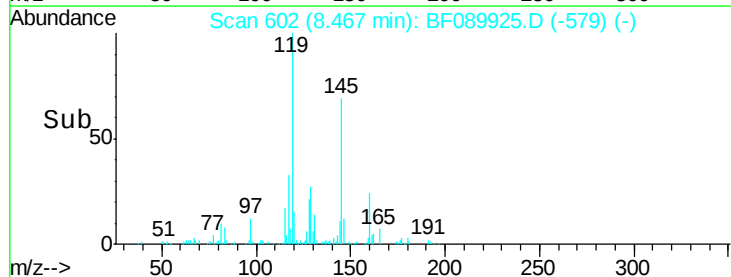
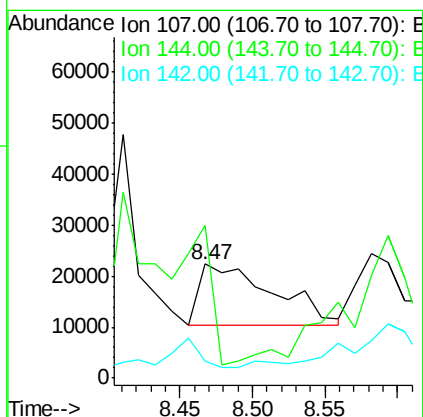
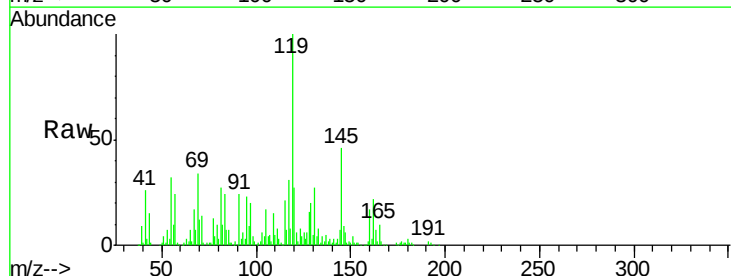
Instrument :
 BNA_F
 ClientSampleId :

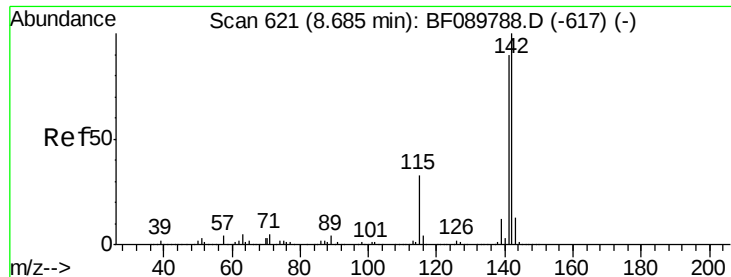
Tot Ion:113 Resp: 231333
 Ion Ratio Lower Upper
 113 100
 55 182.9 135.9 175.9#
 56 165.2 93.9 133.9#



#36
 4-Chloro-3-methylphenol
 Concen: 3.12 ng
 RT: 8.47 min Scan# 602
 Delta R.T. -0.03 min
 Lab File: BF089925.D
 Acq: 26 Aug 2016 23:25

Tgt Ion:107 Resp: 42020
 Ion Ratio Lower Upper
 107 100
 144 133.9 22.6 34.0#
 142 15.1 69.3 103.9#

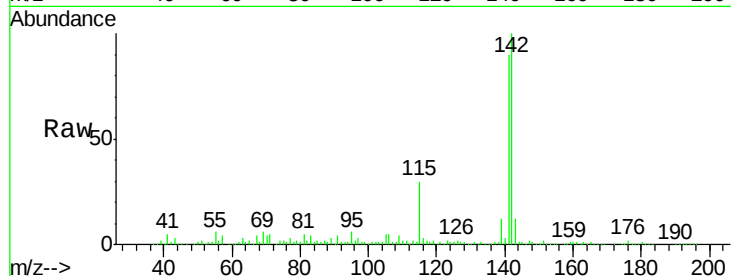




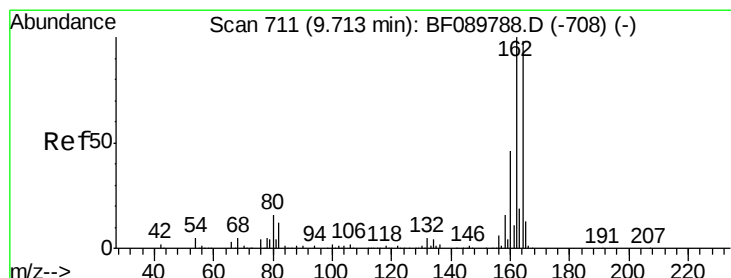
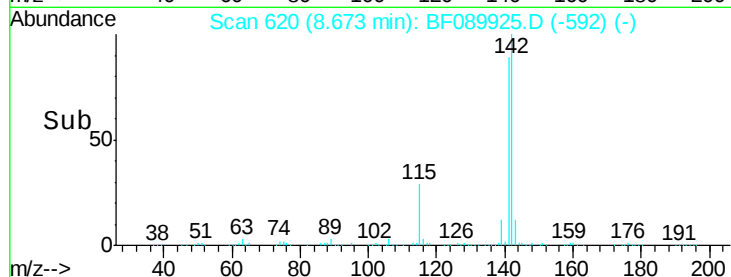
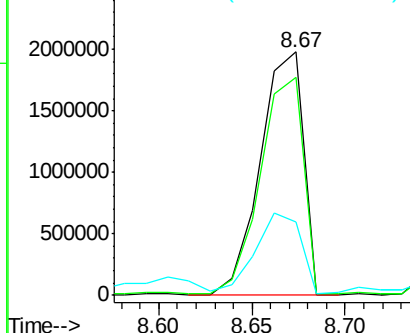
#37
2-Methylnaphthalene
Concen: 114.80 ng
RT: 8.67 min Scan# 620
Delta R.T. 0.02 min
Lab File: BF089925.D
Acq: 26 Aug 2016 23:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 3170283
Ion Ratio Lower Upper
142 100
141 89.7 71.4 107.2
115 30.3 22.7 34.1

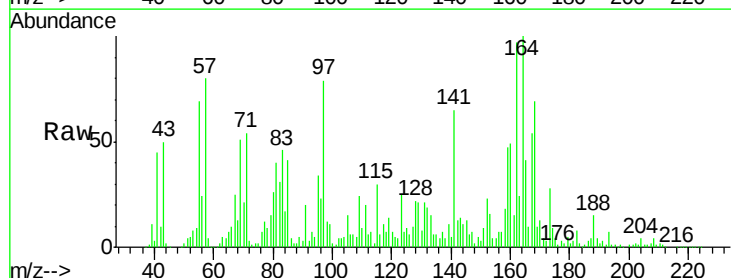


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

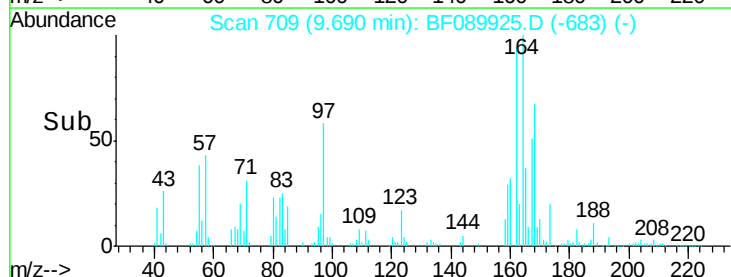
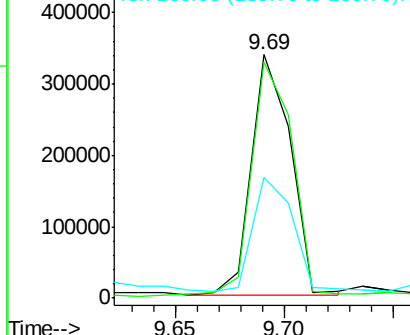


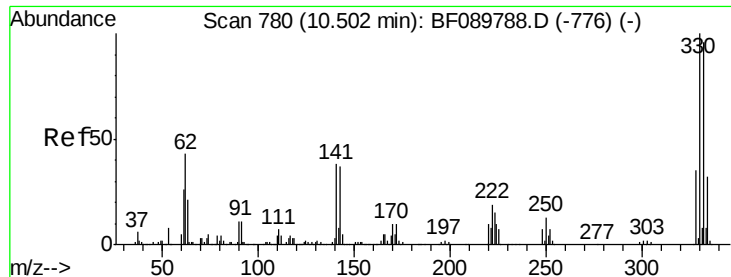
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF089925.D
Acq: 26 Aug 2016 23:25

Tgt Ion:164 Resp: 423917
Ion Ratio Lower Upper
164 100
162 96.9 81.4 122.2
160 49.4 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

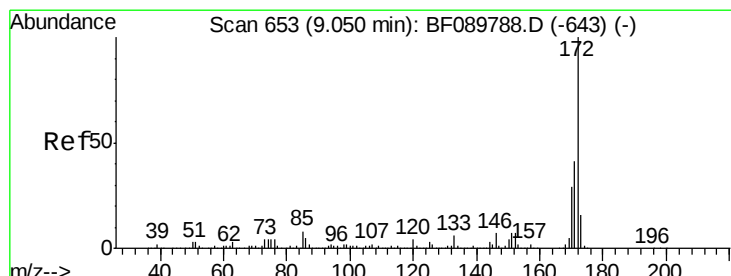
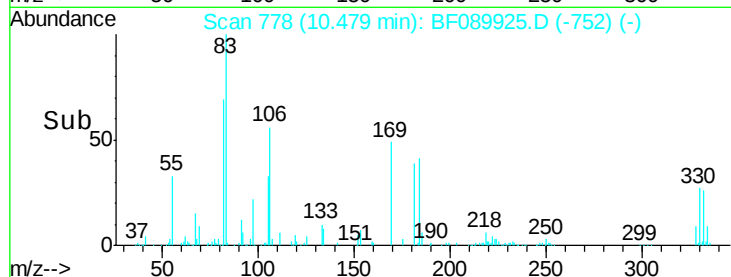
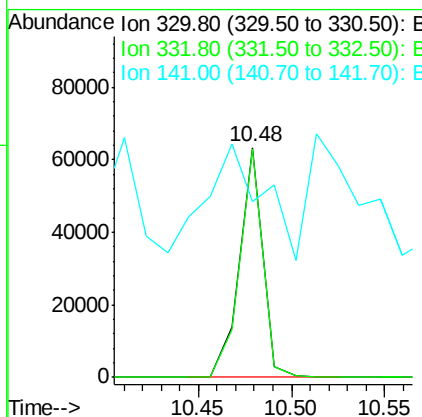
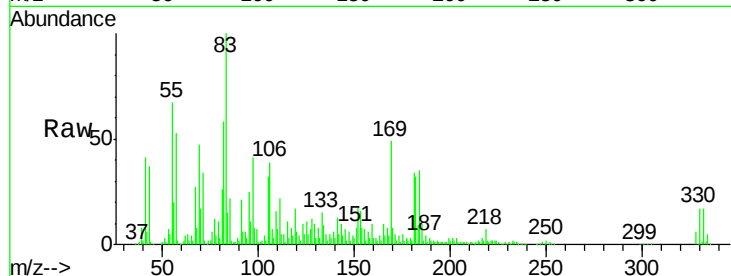




#41
 2,4,6-Tribromophenol
 Concen: 13.71 ng
 RT: 10.48 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF089925.D
 Acq: 26 Aug 2016 23:25

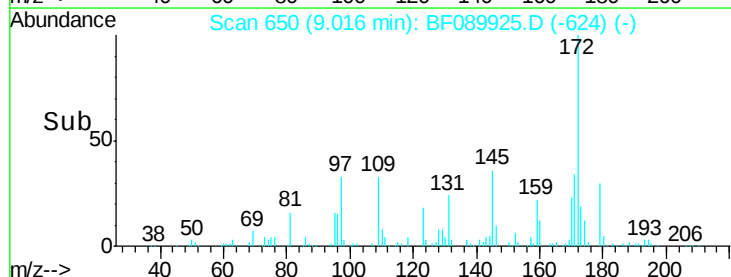
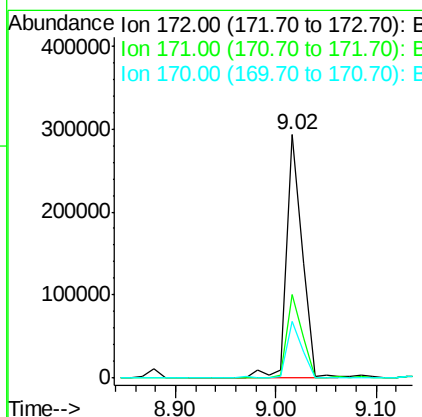
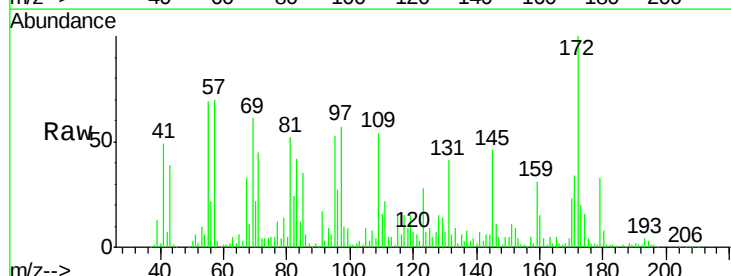
Instrument :
 BNA_F
 ClientSampled :

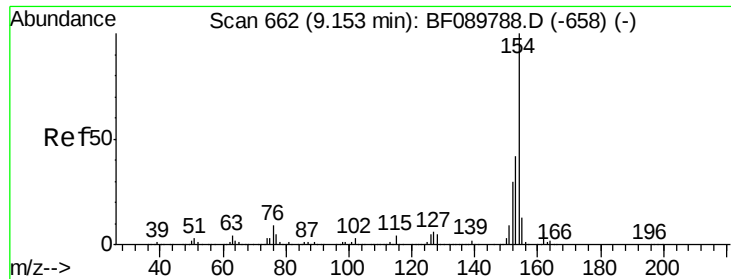
Tot Ion:330 Resp: 55233
 Ion Ratio Lower Upper
 330 100
 332 98.5 76.7 115.1
 141 123.0 30.2 45.2#



#44
 2-Fluorobiphenyl
 Concen: 13.20 ng
 RT: 9.02 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF089925.D
 Acq: 26 Aug 2016 23:25

Tgt Ion:172 Resp: 318320
 Ion Ratio Lower Upper
 172 100
 171 34.4 30.5 45.7
 170 23.4 20.6 31.0





#45

1,1'-Biphenyl

Concen: 16.28 ng

RT: 9.12 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF089925.D

Acq: 26 Aug 2016 23:25

Instrument :

BNA_F

ClientSampleId :

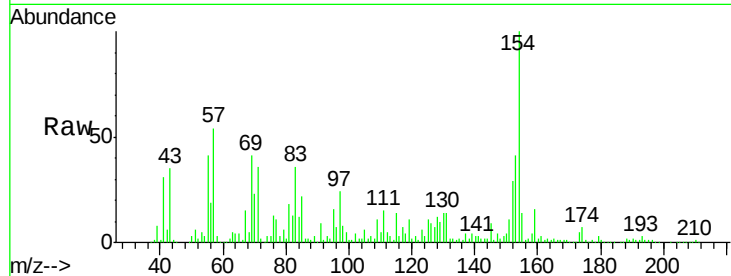
Tot Ion:154 Resp: 534065

Ion Ratio Lower Upper

154 100

153 40.6 21.5 61.5

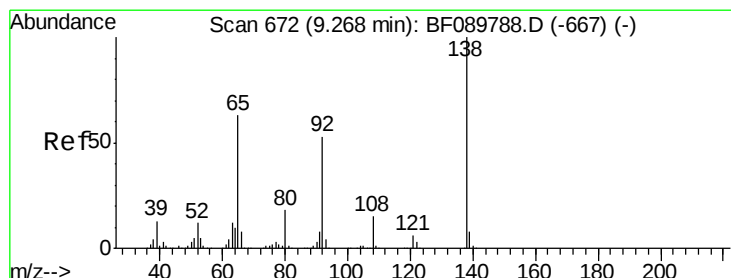
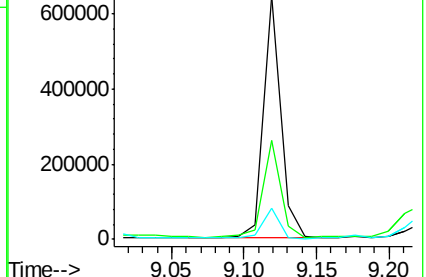
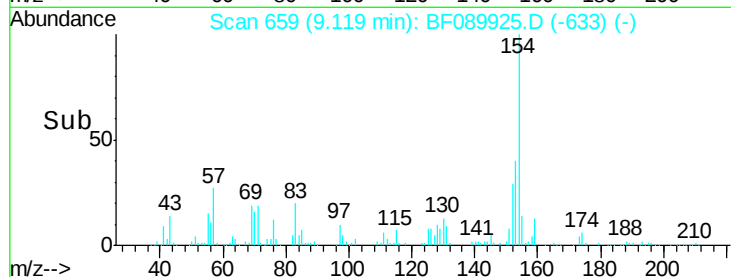
76 12.5 0.0 36.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E



#47

2-Nitroaniline

Concen: 6.87 ng

RT: 9.18 min Scan# 664

Delta R.T. -0.06 min

Lab File: BF089925.D

Acq: 26 Aug 2016 23:25

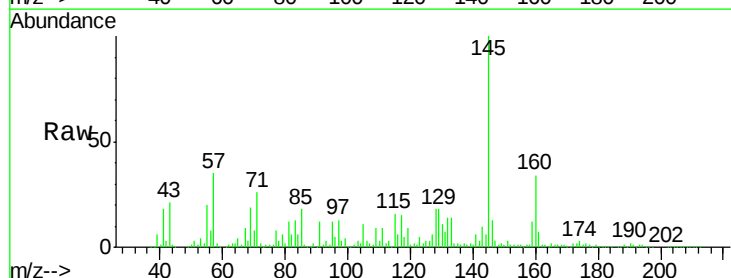
Tgt Ion: 65 Resp: 50801

Ion Ratio Lower Upper

65 100

92 33.8 56.3 84.5#

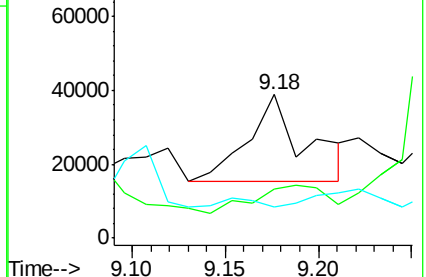
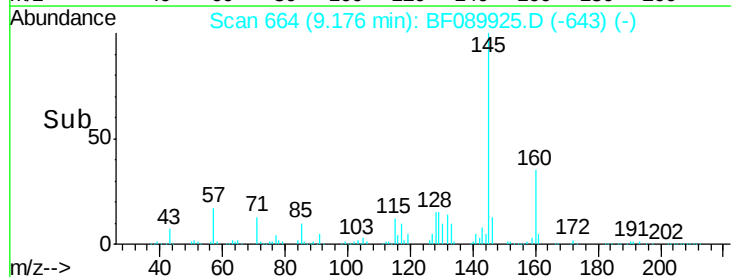
138 21.4 81.8 122.8#

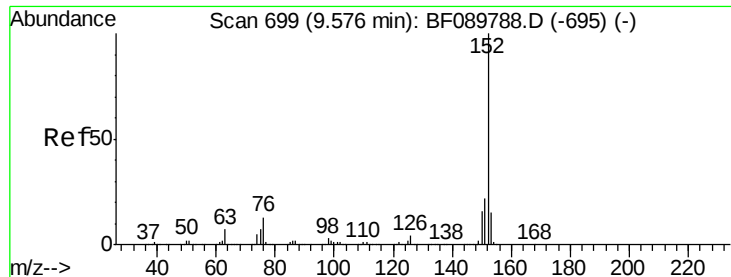


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 2.76 ng

RT: 9.56 min Scan# 698

Delta R.T. 0.01 min

Lab File: BF089925.D

Acq: 26 Aug 2016 23:25

Instrument :

BNA_F

ClientSampleId :

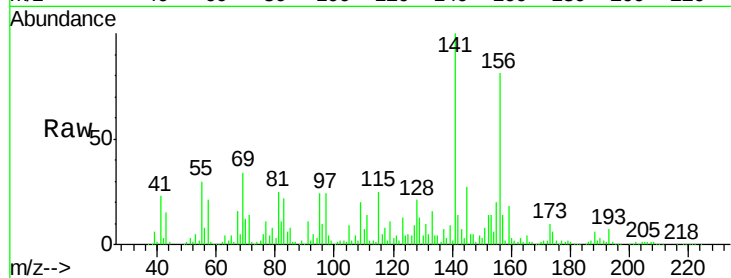
Tot Ion:152 Resp: 107400

Ion Ratio Lower Upper

152 100

151 52.8 17.1 25.7#

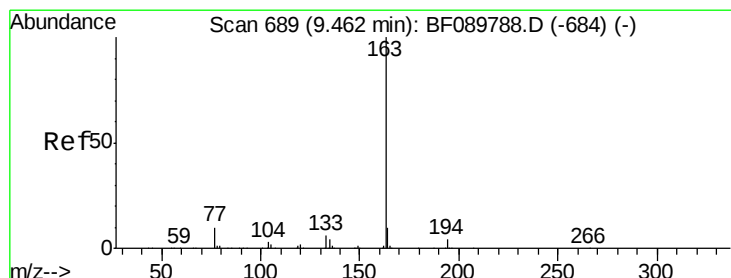
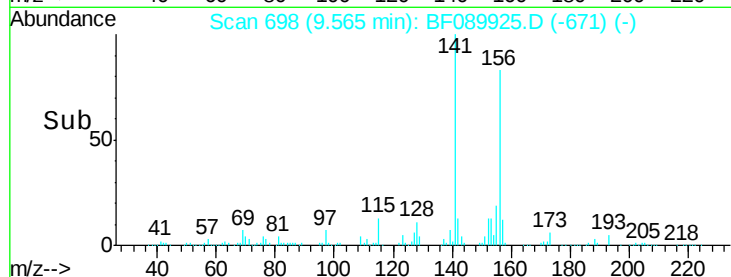
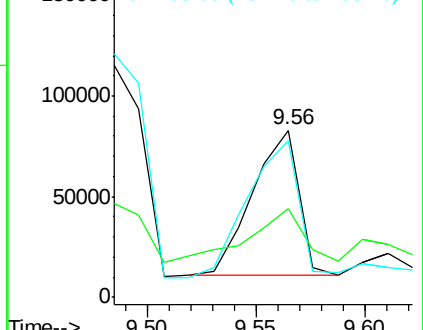
153 93.5 11.2 16.8#



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: 3.80 ng

RT: 9.42 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF089925.D

Acq: 26 Aug 2016 23:25

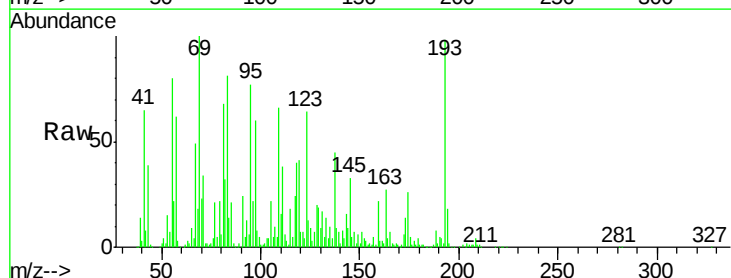
Tgt Ion:163 Resp: 113460

Ion Ratio Lower Upper

163 100

194 66.9 2.6 3.8#

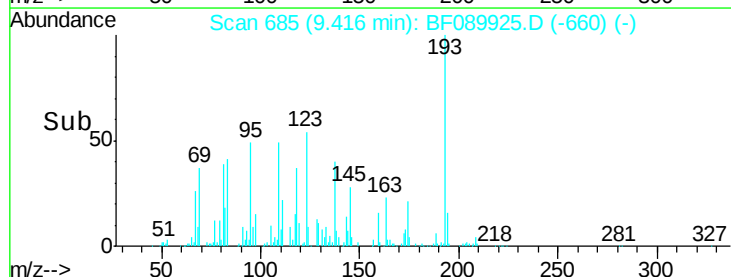
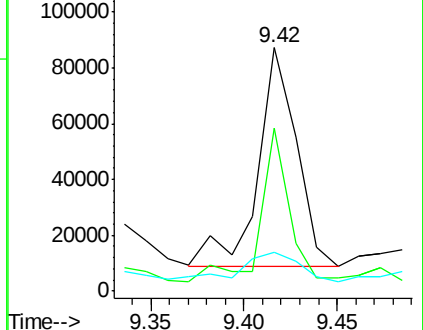
164 15.8 8.6 12.8#

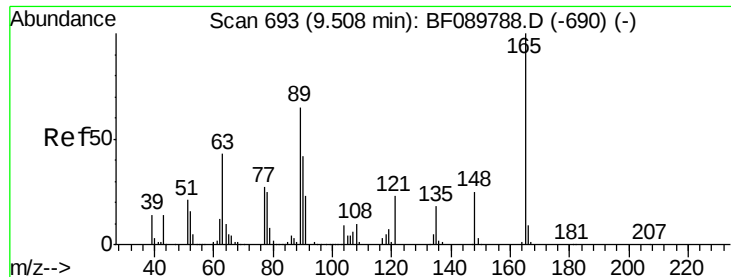


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

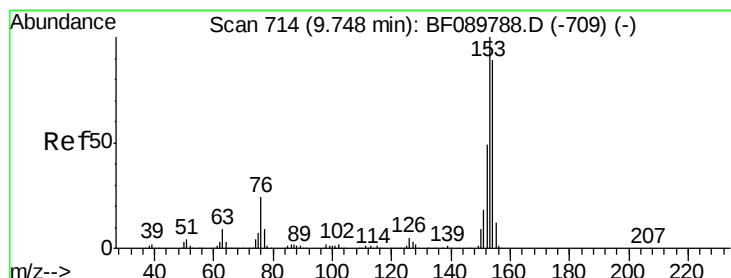
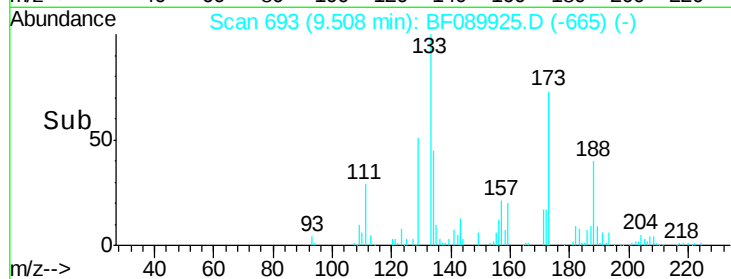
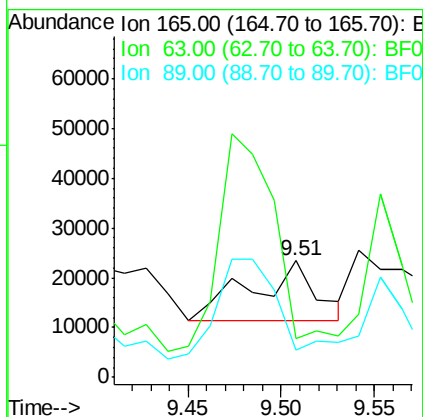
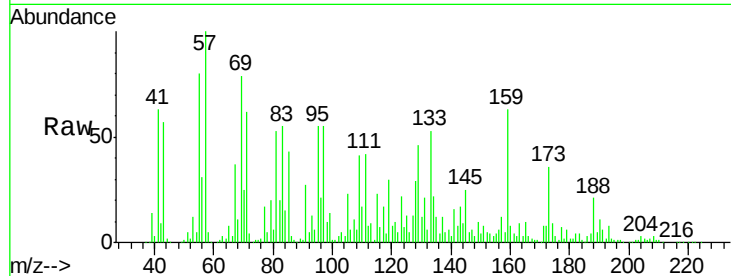




#50
 2,6-Dinitrotoluene
 Concen: 4.33 ng
 RT: 9.51 min Scan# 693
 Delta R.T. 0.02 min
 Lab File: BF089925.D
 Acq: 26 Aug 2016 23:25

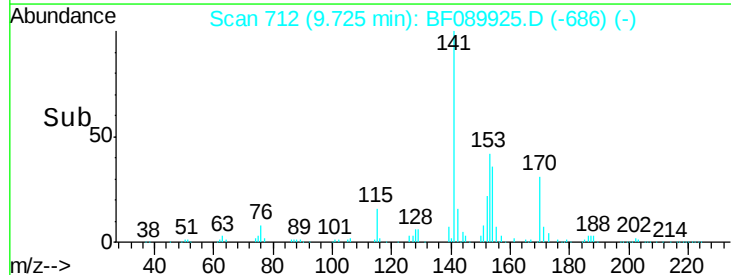
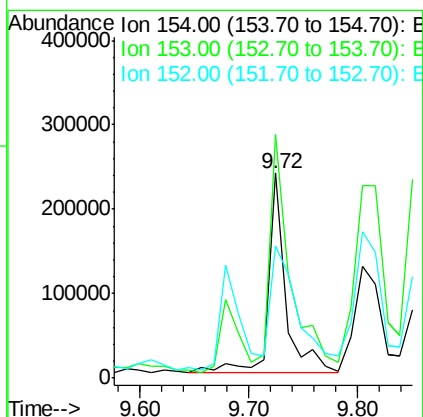
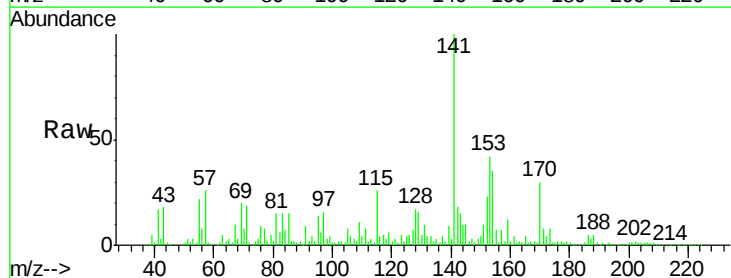
Instrument :
 BNA_F
 ClientSampleId :

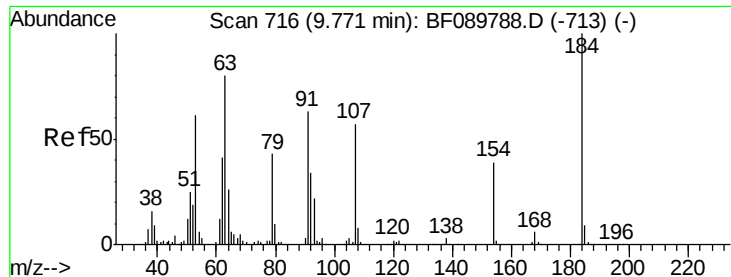
Tot Ion:165 Resp: 29847
 Ion Ratio Lower Upper
 165 100
 63 33.3 41.7 62.5#
 89 23.4 44.6 67.0#



#51
 Acenaphthene
 Concen: 10.36 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: BF089925.D
 Acq: 26 Aug 2016 23:25

Tgt Ion:154 Resp: 267236
 Ion Ratio Lower Upper
 154 100
 153 118.7 90.5 135.7
 152 64.6 44.6 67.0

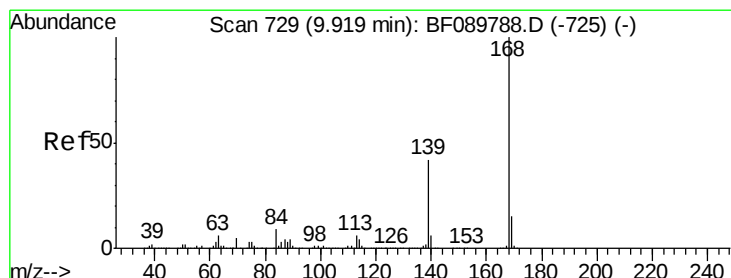
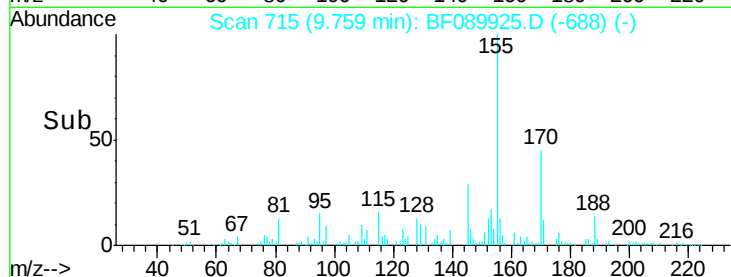
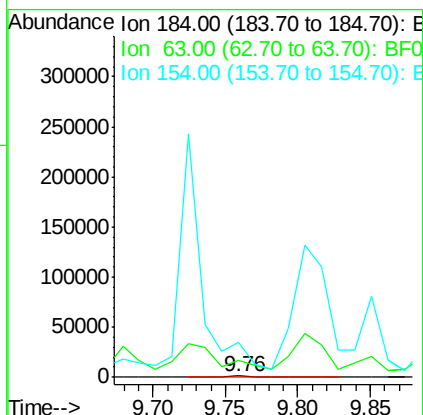
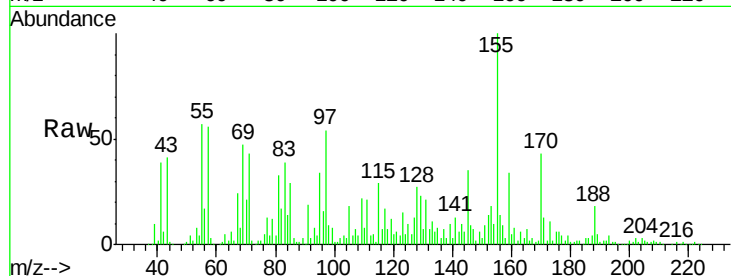




#53
 2,4-Dinitrophenol
 Concen: 2.71 na
 RT: 9.76 min Scan# 715
 Delta R.T. 0.01 min
 Lab File: BF089925.D
 Acq: 26 Aug 2016 23:25

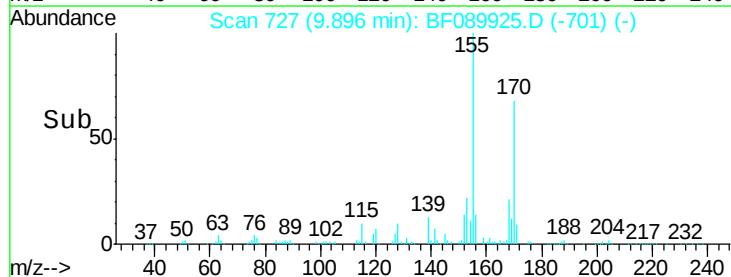
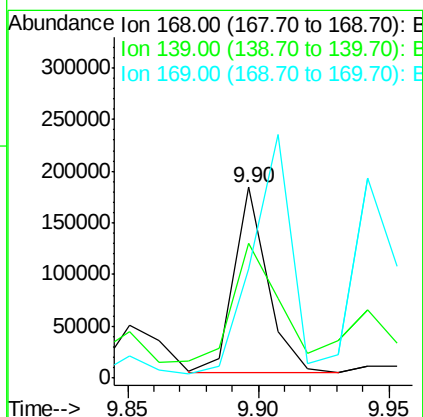
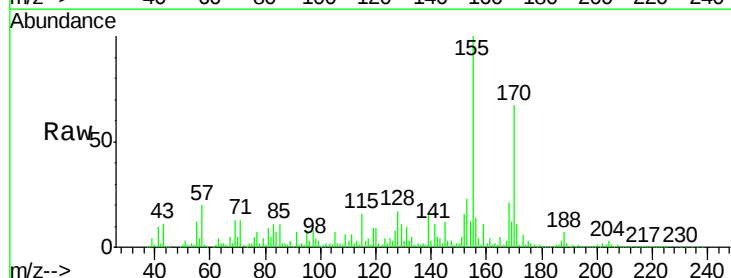
Instrument :
 BNA_F
 ClientSampleId :

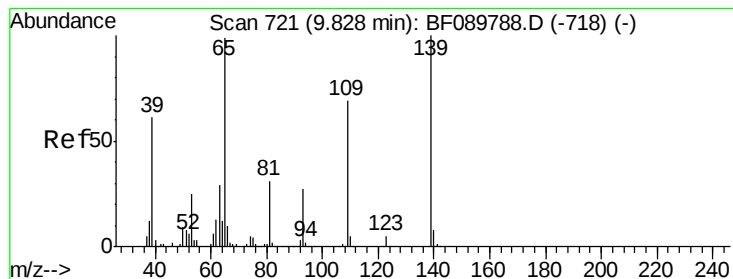
Tot Ion:184 Resp: 1337
 Ion Ratio Lower Upper
 184 100
 63 1456.6 54.2 81.4#
 154 3014.7 52.7 79.1#



#54
 Dibenzofuran
 Concen: 4.94 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: BF089925.D
 Acq: 26 Aug 2016 23:25

Tgt Ion:168 Resp: 159929
 Ion Ratio Lower Upper
 168 100
 139 70.6 34.6 52.0#
 169 57.5 11.5 17.3#





#55

4-Nitrophenol

Concen: 22.62 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF089925.D

Acq: 26 Aug 2016 23:25

Instrument :

BNA_F

ClientSampled :

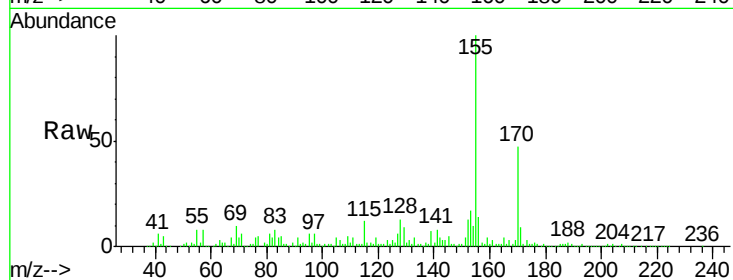
Tot Ion:139 Resp: 140970

Ion Ratio Lower Upper

139 100

109 62.8 43.0 83.0

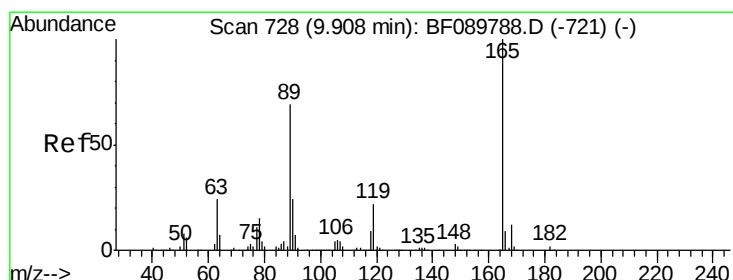
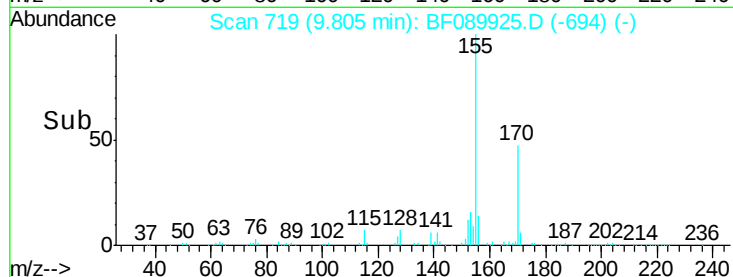
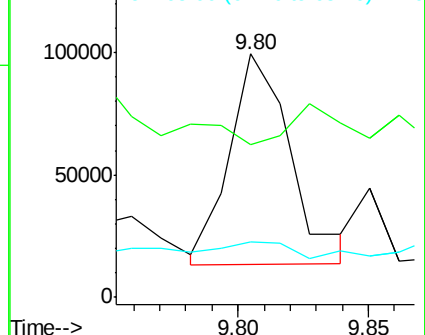
65 22.7 55.7 95.7#



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



#56

2,4-Dinitrotoluene

Concen: 7.72 ng

RT: 9.91 min Scan# 728

Delta R.T. 0.02 min

Lab File: BF089925.D

Acq: 26 Aug 2016 23:25

Tgt Ion:165 Resp: 69041

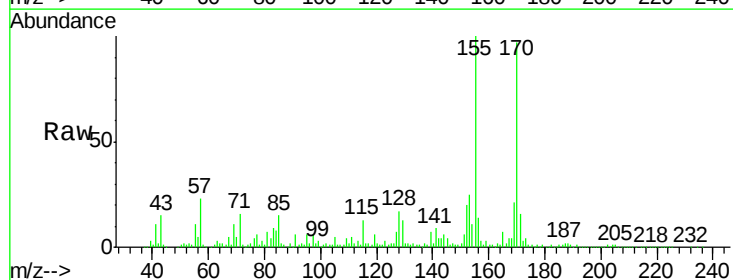
Ion Ratio Lower Upper

165 100

63 48.9 23.7 35.5#

89 27.4 44.0 66.0#

182 8.1 2.0 3.0#

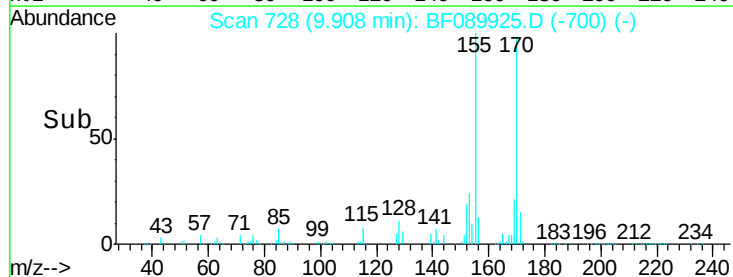
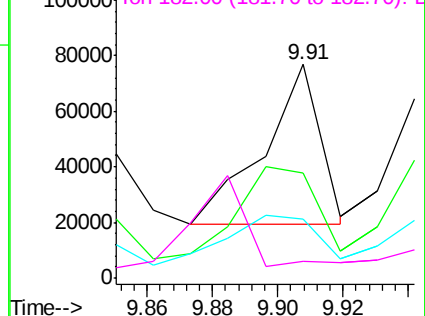


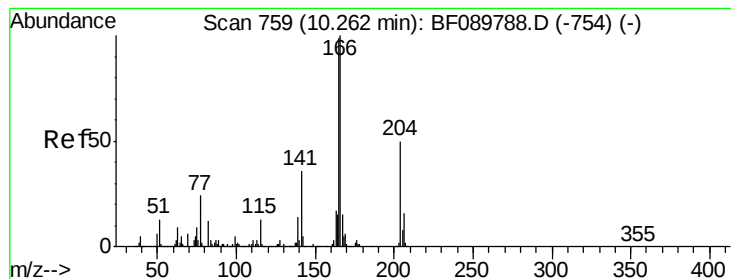
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 21.93 ng

RT: 10.24 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF089925.D

Acq: 26 Aug 2016 23:25

Instrument :

BNA_F

ClientSampleId :

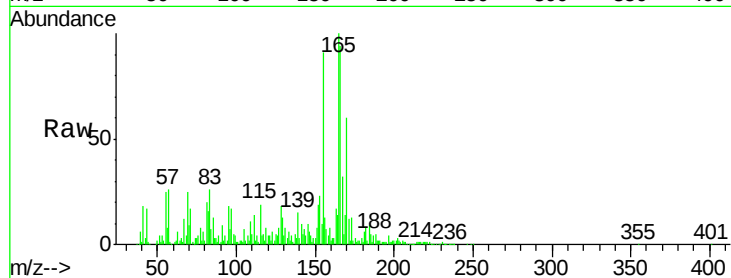
Tot Ion:166 Resp: 565988

Ion Ratio Lower Upper

166 100

165 106.6 80.2 120.4

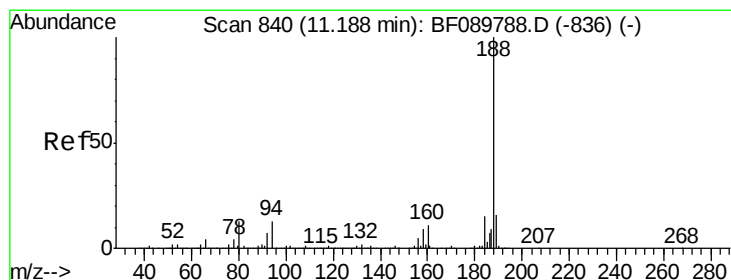
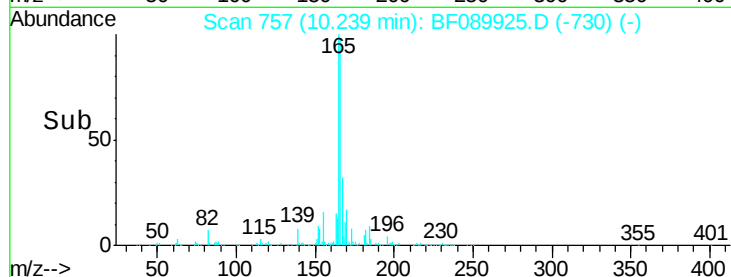
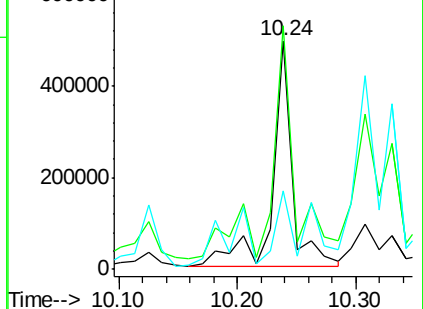
167 34.5 11.3 16.9#



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: 11.16 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF089925.D

Acq: 26 Aug 2016 23:25

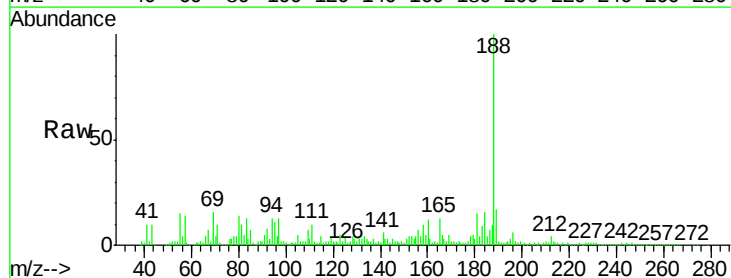
Tgt Ion:188 Resp: 902227

Ion Ratio Lower Upper

188 100

94 13.4 10.2 15.2

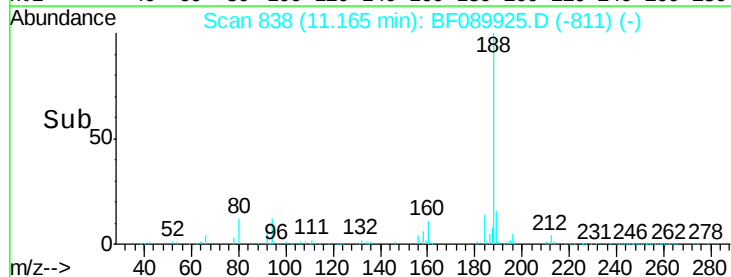
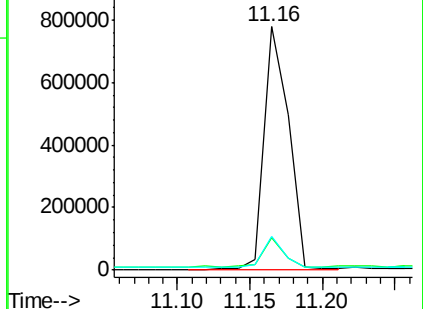
80 13.7 10.9 16.3

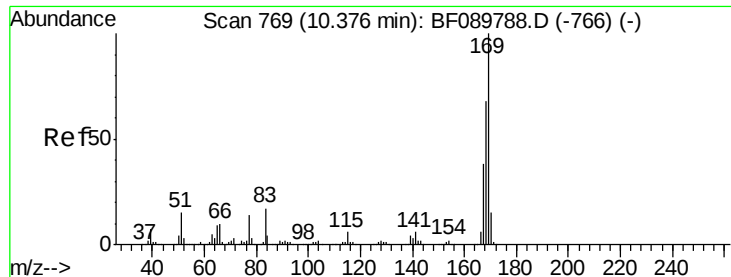


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#65

n-Nitrosodiphenylamine

Concen: 23.67 ng

RT: 10.36 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF089925.D

Acq: 26 Aug 2016 23:25

Instrument :

BNA_F

ClientSampled :

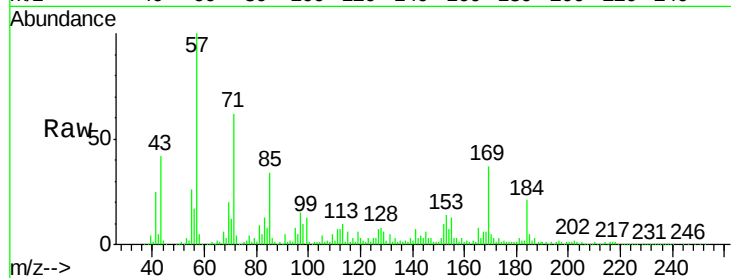
Tot Ion:169 Resp: 671360

Ion Ratio Lower Upper

169 100

168 17.2 54.6 82.0#

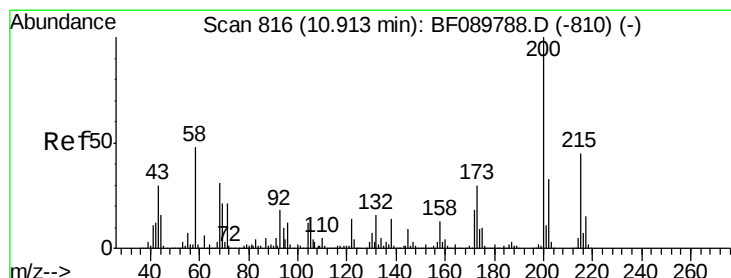
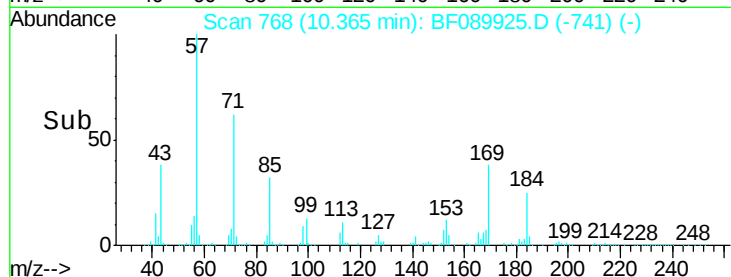
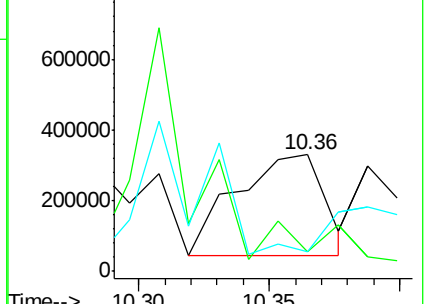
167 17.0 30.6 45.8#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#68

Atrazine

Concen: 5.28 ng

RT: 10.90 min Scan# 815

Delta R.T. 0.01 min

Lab File: BF089925.D

Acq: 26 Aug 2016 23:25

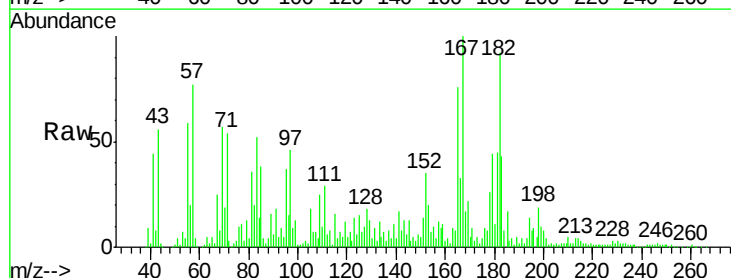
Tgt Ion:200 Resp: 45835

Ion Ratio Lower Upper

200 100

173 61.9 6.6 46.6#

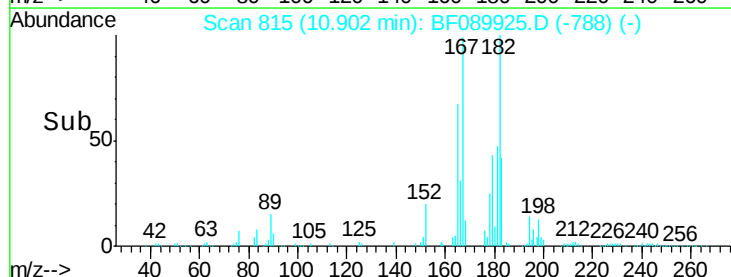
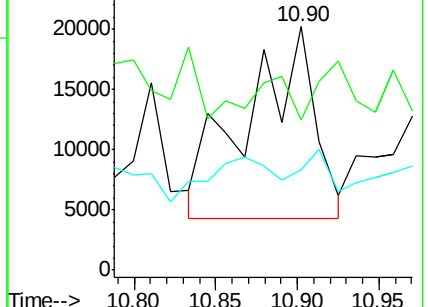
215 41.2 24.7 64.7

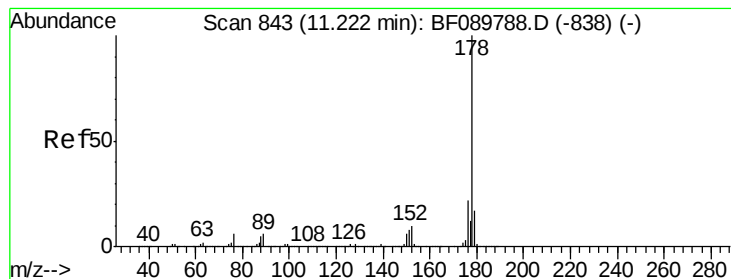


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Phenanthrene

Concen: 31.86 ng

RT: 11.20 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF089925.D

Acq: 26 Aug 2016 23:25

Instrument :

BNA_F

ClientSampleId :

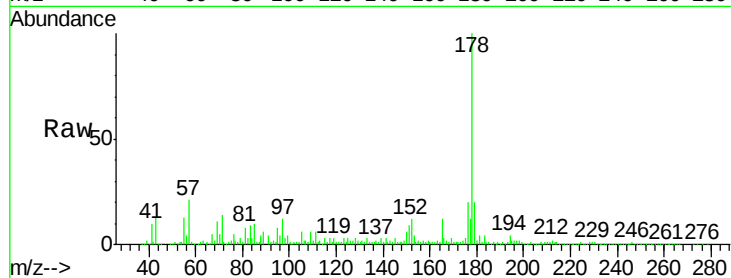
Tot Ion:178 Resp: 1451593

Ion Ratio Lower Upper

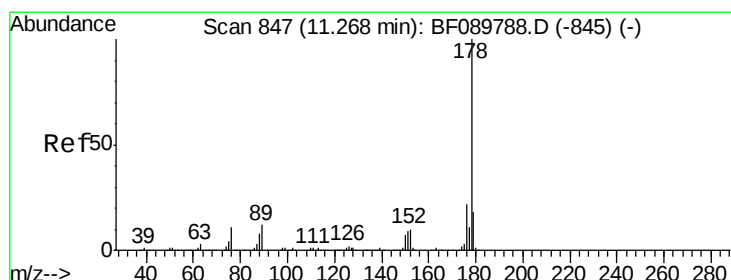
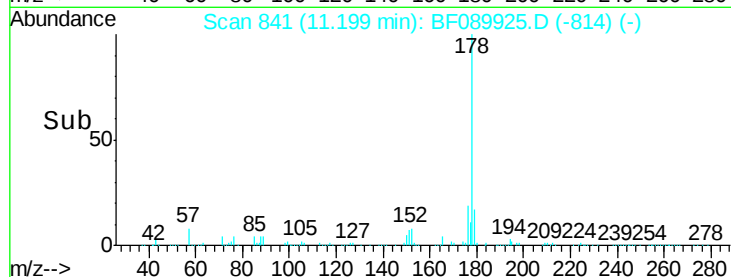
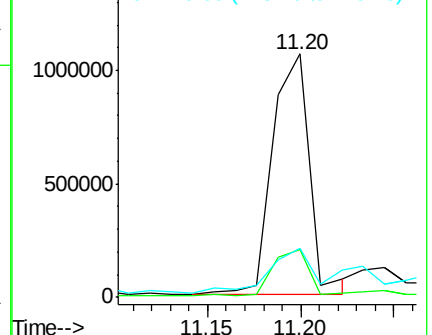
178 100

176 19.7 16.4 24.6

179 19.9 12.5 18.7#



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



#71

Anthracene

Concen: 2.13 ng

RT: 11.24 min Scan# 845

Delta R.T. 0.01 min

Lab File: BF089925.D

Acq: 26 Aug 2016 23:25

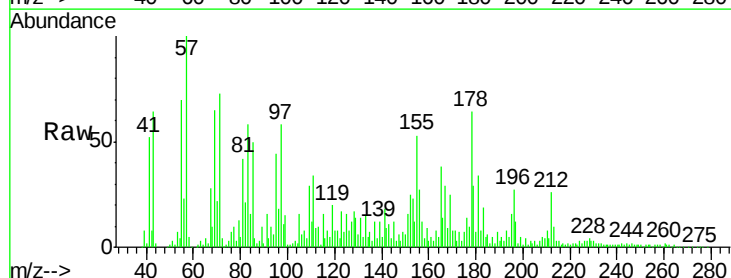
Tgt Ion:178 Resp: 98460

Ion Ratio Lower Upper

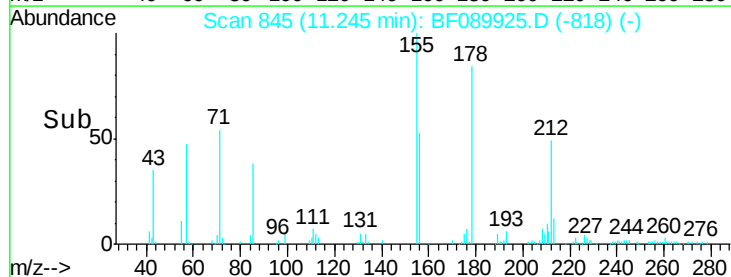
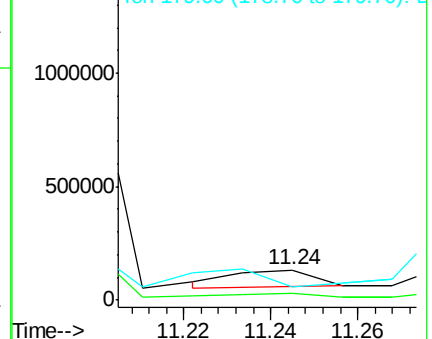
178 100

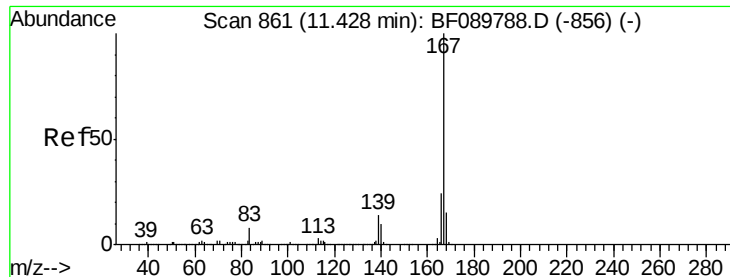
176 21.1 16.4 24.6

179 44.7 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: 2.22 ng

RT: 11.39 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF089925.D

Acq: 26 Aug 2016 23:25

Instrument :

BNA_F

ClientSampleId :

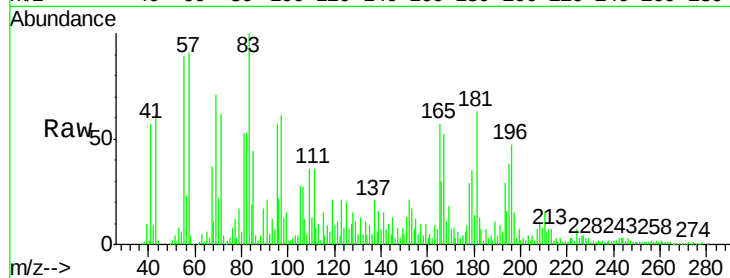
Tot Ion:167 Resp: 92358

Ion Ratio Lower Upper

167 100

166 58.8 17.9 26.9#

139 31.7 12.4 18.6#

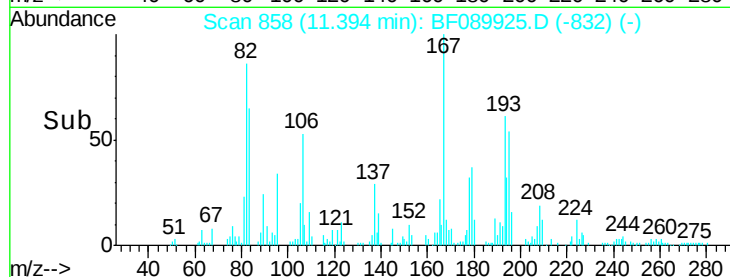


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->

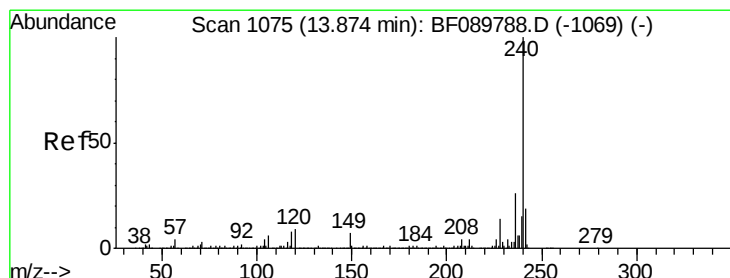


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BF089925.D

Acq: 26 Aug 2016 23:25

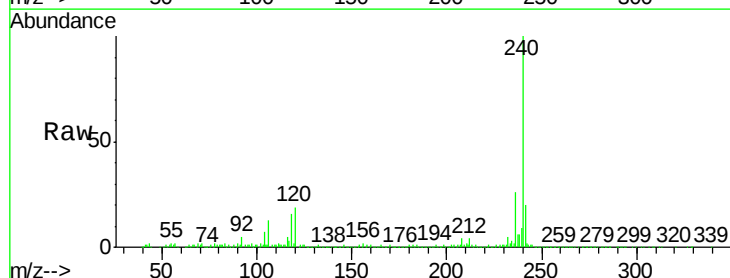
Tgt Ion:240 Resp: 859171

Ion Ratio Lower Upper

240 100

120 18.7 8.3 12.5#

236 26.3 21.3 31.9

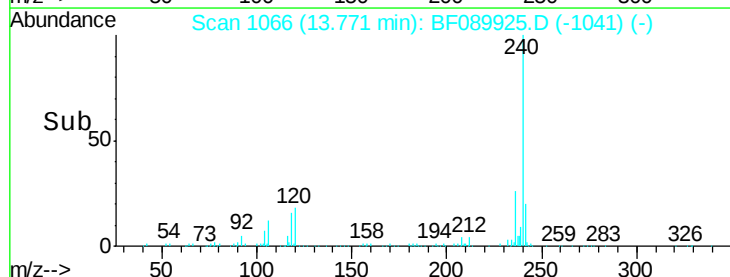


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->

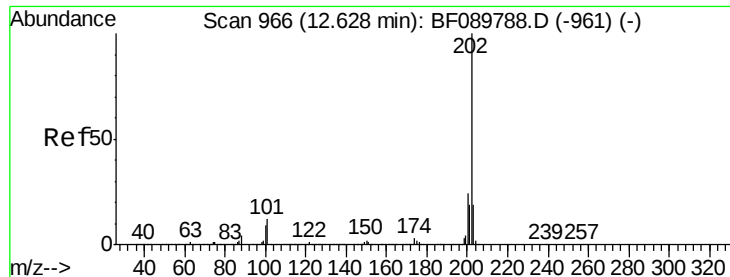


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



#77

Pvrene

Concen: 5.80 ng

RT: 12.59 min Scan# 963

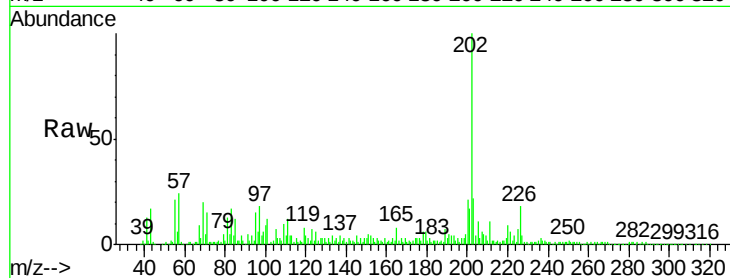
Delta R.T. 0.01 min

Lab File: BF089925.D

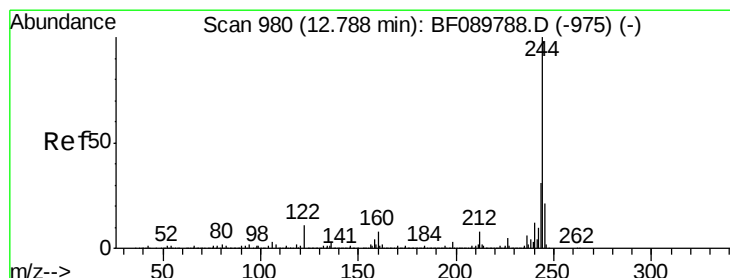
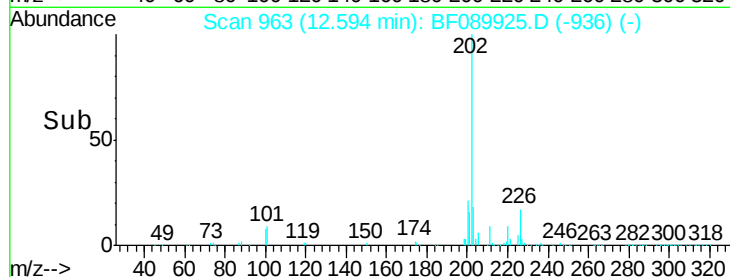
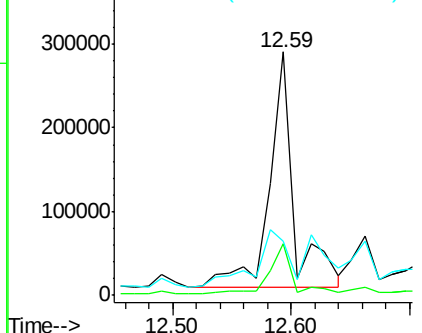
Acq: 26 Aug 2016 23:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202	Resp:	405893
Ion Ratio	Lower	Upper
202	100	
200	21.0	17.8 26.6
203	22.1	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: 8.00 ng

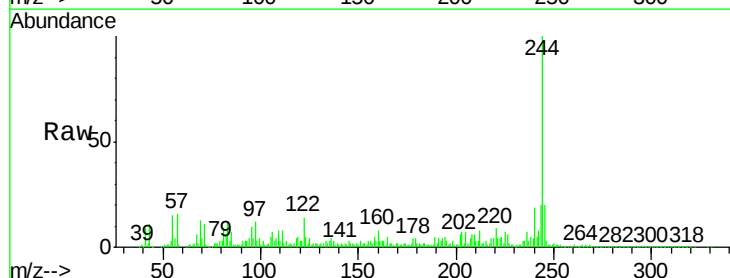
RT: 12.74 min Scan# 976

Delta R.T. -0.00 min

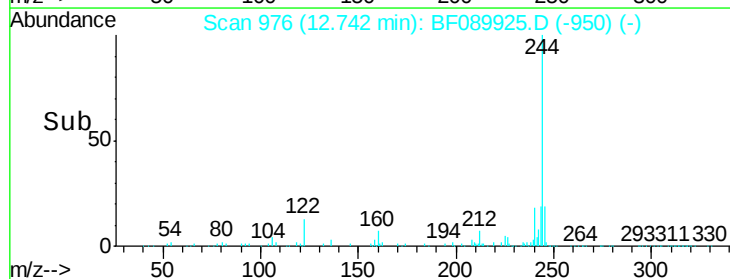
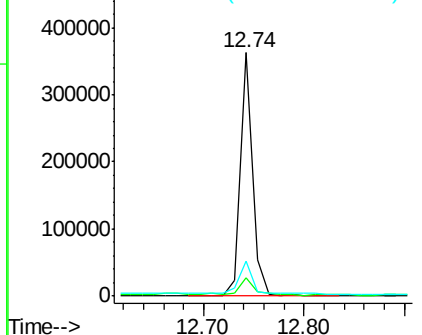
Lab File: BF089925.D

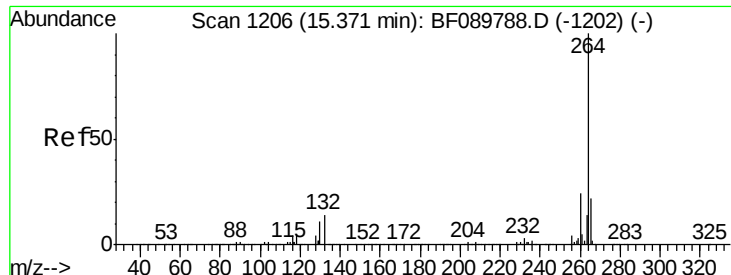
Acq: 26 Aug 2016 23:25

Tgt Ion:244	Resp:	303705
Ion Ratio	Lower	Upper
244	100	
212	7.5	6.3 9.5
122	14.3	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

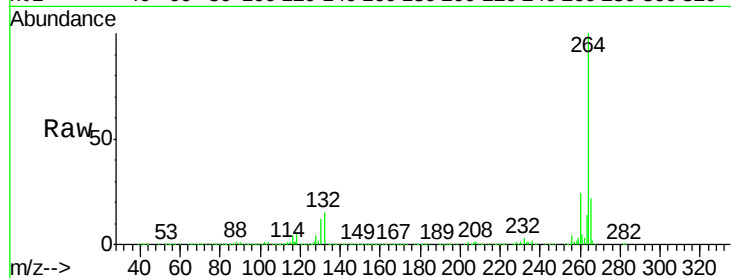




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BF089925.D
 Acq: 26 Aug 2016 23:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	725487
Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.2	30.2
265	22.3	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

