

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
 Data File : BF089926.D
 Acq On : 26 Aug 2016 23:53
 Operator : UM/SJ
 Sample : H4576-08 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 27 01:29:41 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	312869	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	882577	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	360109	20.00	ng	0.01
63) Phenanthrene-d10	11.18	188	802481	20.00	ng	0.02
75) Chrysene-d12	13.78	240	887942	20.00	ng	0.00
86) Perylene-d12	15.13	264	731022	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.22	112	559694	30.68	ng	0.00
7) Phenol-d6	6.28	99	495112	22.11	ng	-0.01
23) Nitrobenzene-d5	7.22	82	901712	63.47	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	191271	55.89	ng	0.01
44) 2-Fluorobiphenyl	9.03	172	1148245	56.04	ng	0.01
78) Terphenyl-d14	12.75	244	1031611	26.28	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.17	77	110567	7.58	ng	# 1
15) Benzyl Alcohol	6.81	79	36314	2.45	ng	# 47
18) Hexachloroethane	7.13	117	121686	14.55	ng	# 1
19) n-Nitroso-di-n-propylamine	7.07	70	133325	9.31	ng	# 82
22) Acetophenone	7.06	105	717335	35.40	ng	# 46
24) Nitrobenzene	7.20	77	128548	8.07	ng	# 51
25) Isophorone	7.47	82	207259	7.23	ng	# 1
28) bis(2-Chloroethoxy)methane	7.71	93	44465	2.51	ng	# 1
29) 2,4-Dichlorophenol	7.80	162	24279	2.02	ng	# 4
31) Naphthalene	7.96	128	2095347	50.80	ng	# 98
33) 4-Chloroaniline	7.96	127	399572	22.35	ng	# 47
35) Caprolactam	8.40	113	229774	62.74	ng	# 24
36) 4-Chloro-3-methylphenol	8.48	107	58268	4.47	ng	# 35
37) 2-Methylnaphthalene	8.67	142	3051453	114.35	ng	# 94
42) 2,4,6-Trichlorophenol	8.96	196	14926	2.03	ng	# 12
45) 1,1'-Biphenyl	9.13	154	778339	27.93	ng	# 94
47) 2-Nitroaniline	9.19	65	92863	14.78	ng	# 37
48) Acenaphthylene	9.58	152	147442	4.45	ng	# 1
49) Dimethylnaphthalate	9.43	163	90308	3.56	ng	# 23
50) 2,6-Dinitrotoluene	9.52	165	46279	7.91	ng	# 68
51) Acenaphthene	9.74	154	369836	16.88	ng	# 92
52) 3-Nitroaniline	9.62	138	28117	4.34	ng	# 34
53) 2,4-Dinitrophenol	9.77	184	2104	3.16	ng	# 1
54) Dibenzofuran	9.91	168	202334	7.35	ng	# 48
55) 4-Nitrophenol	9.82	139	207688	39.23	ng	# 66
56) 2,4-Dinitrotoluene	9.92	165	66765	8.79	ng	# 62
57) Fluorene	10.25	166	750946	34.25	ng	# 88
62) Azobenzene	10.41	77	82276	3.40	ng	# 1
65) n-Nitrosodiphenylamine	10.36	169	821643	32.56	ng	# 74
68) Atrazine	10.91	200	65706	8.50	ng	# 68
70) Phenanthrene	11.21	178	1988631	49.07	ng	# 96
71) Anthracene	11.21	178	1988631	48.27	ng	# 97
72) Carbazole	11.41	167	219664	5.94	ng	# 68
74) Fluoranthene	12.38	202	99814	2.59	ng	# 70

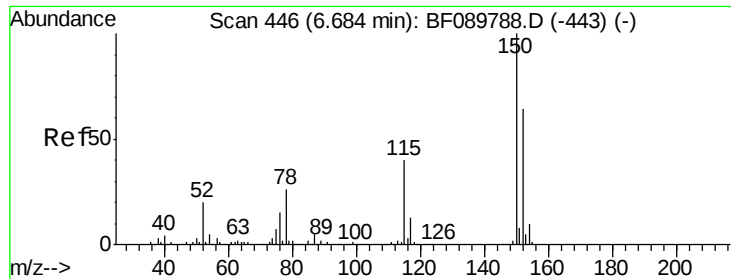
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Pyrene	12.61	202	634911	8.78	nq	# 92

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

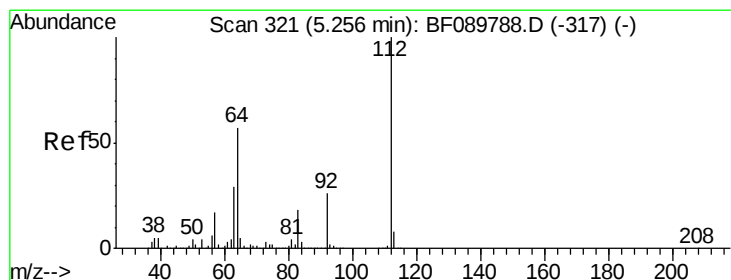
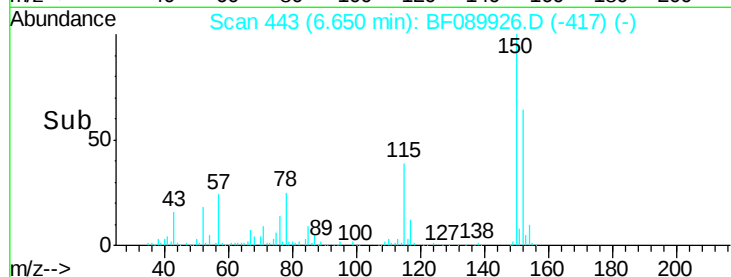
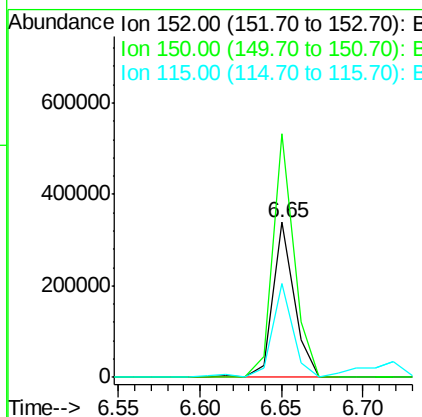
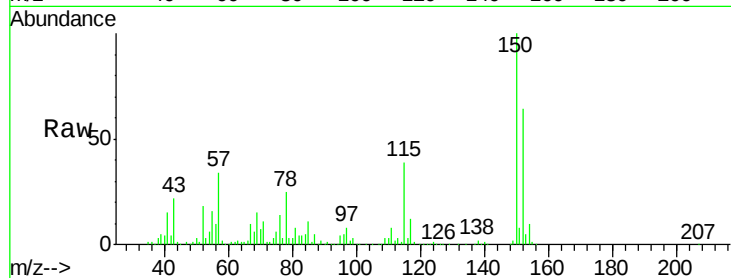


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF089926.D
Acq: 26 Aug 2016 23:53

Instrument :
BNA_F
ClientSampleId :

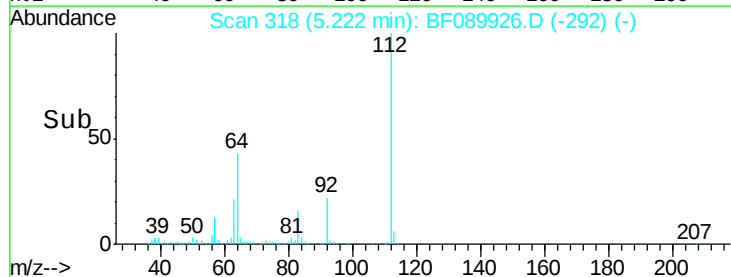
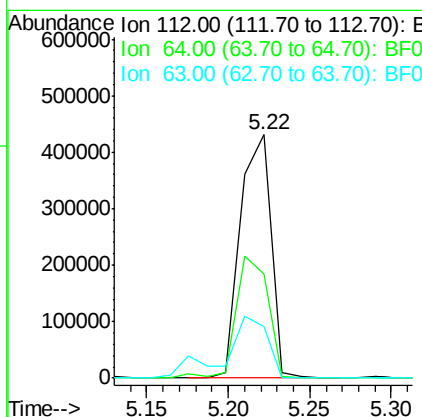
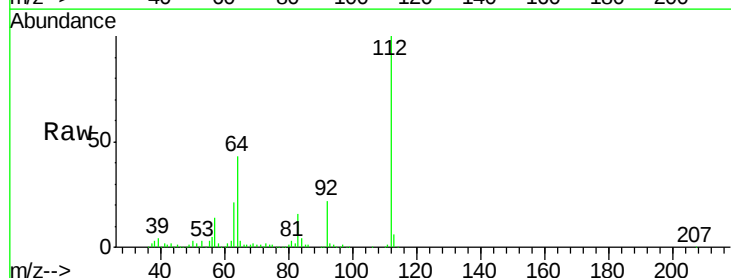
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	125.3	187.9
115	60.9	40.9	61.3

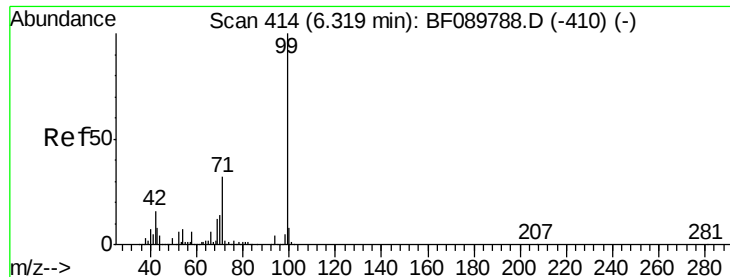


#5

2-Fluorophenol
Concen: 30.68 ng
RT: 5.22 min Scan# 318
Delta R.T. -0.00 min
Lab File: BF089926.D
Acq: 26 Aug 2016 23:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.6	45.0	67.4#
63	21.0	23.1	34.7#





#7

Phenol-d6

Concen: 22.11 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF089926.D

Acq: 26 Aug 2016 23:53

Instrument :

BNA_F

ClientSampleId :

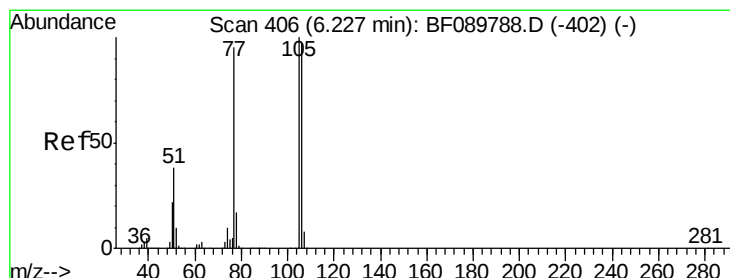
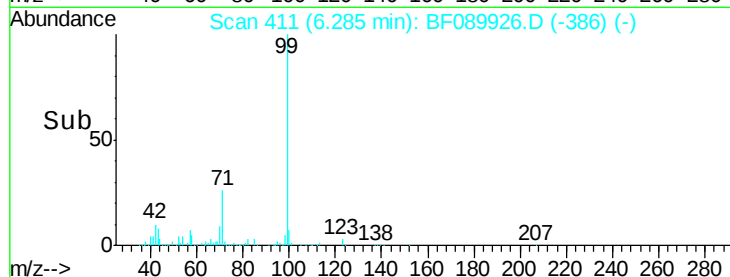
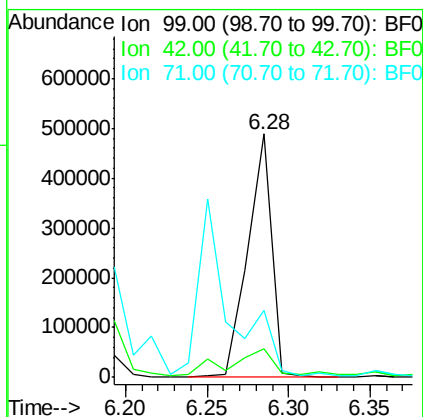
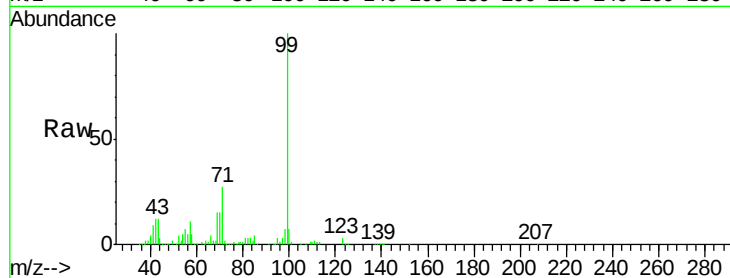
Tot Ion: 99 Resp: 495112

Ion Ratio Lower Upper

99 100

42 11.7 12.2 18.4#

71 27.5 23.8 35.8



#9

Benzaldehyde

Concen: 7.58 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.02 min

Lab File: BF089926.D

Acq: 26 Aug 2016 23:53

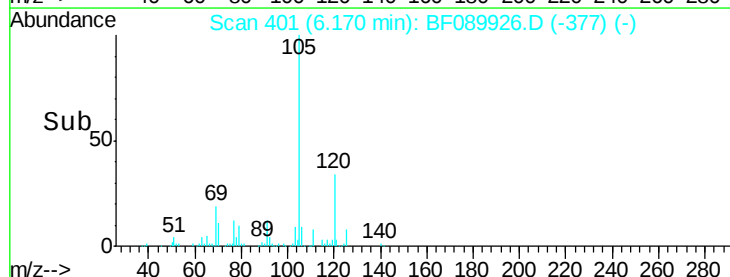
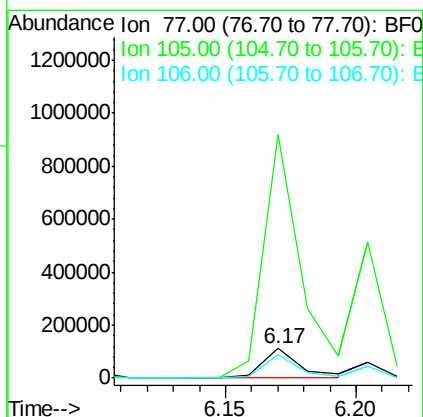
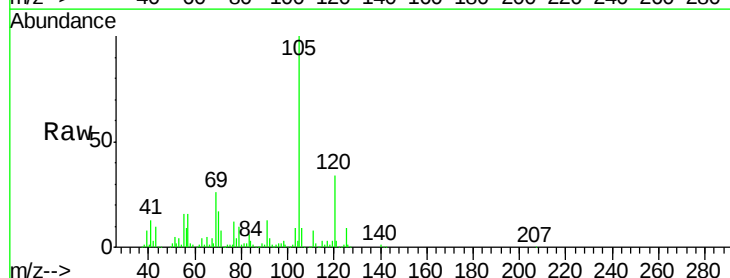
Tgt Ion: 77 Resp: 110567

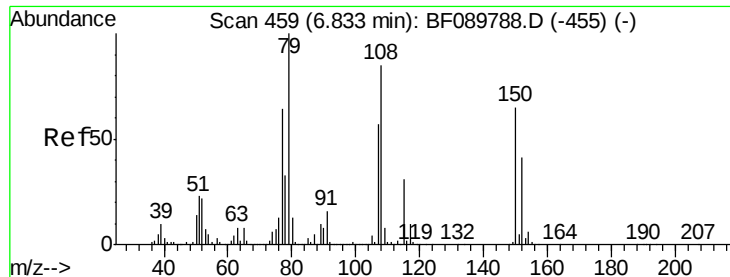
Ion Ratio Lower Upper

77 100

105 818.6 73.3 113.3#

106 77.3 68.6 108.6





#15

Benzyl Alcohol

Concen: 2.45 ng

RT: 6.81 min Scan# 457

Delta R.T. 0.01 min

Lab File: BF089926.D

Acq: 26 Aug 2016 23:53

Instrument :

BNA_F

ClientSampled :

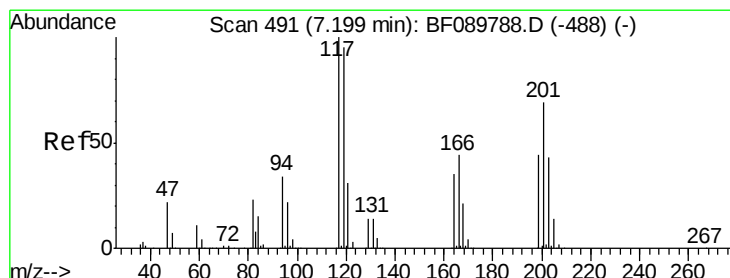
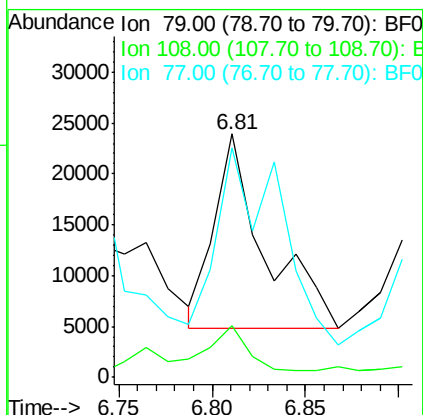
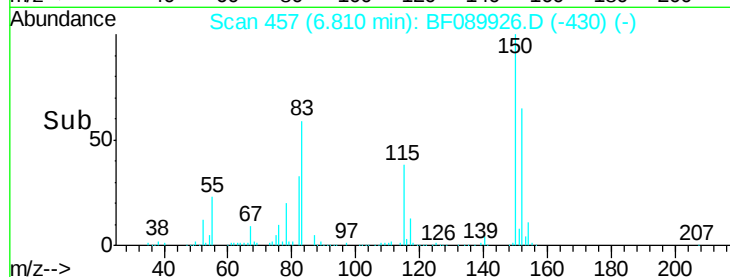
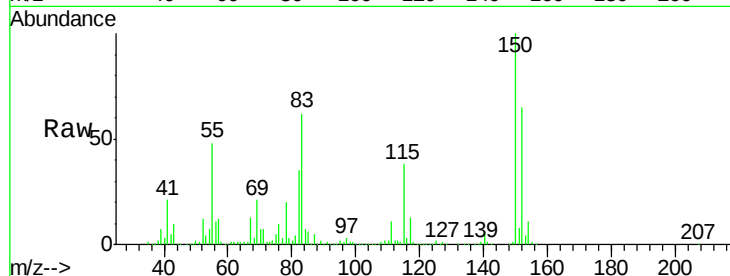
Tot Ion: 79 Resp: 36314

Ion Ratio Lower Upper

79 100

108 21.4 62.5 93.7#

77 94.1 51.5 77.3#



#18

Hexachloroethane

Concen: 14.55 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.03 min

Lab File: BF089926.D

Acq: 26 Aug 2016 23:53

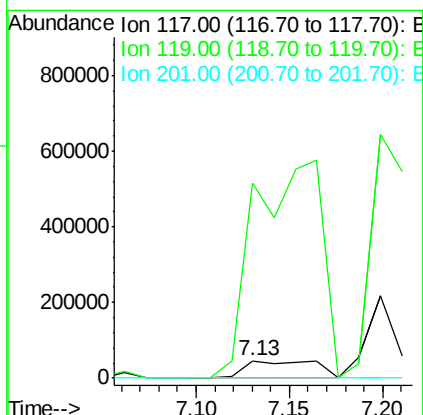
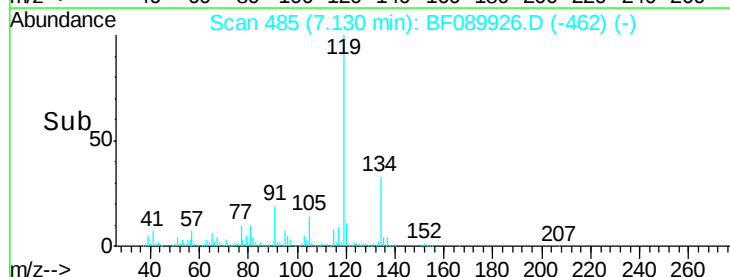
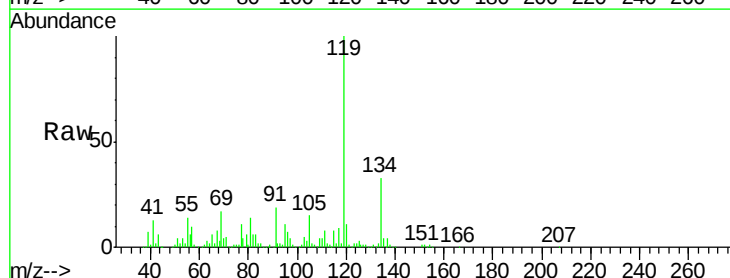
Tgt Ion: 117 Resp: 121686

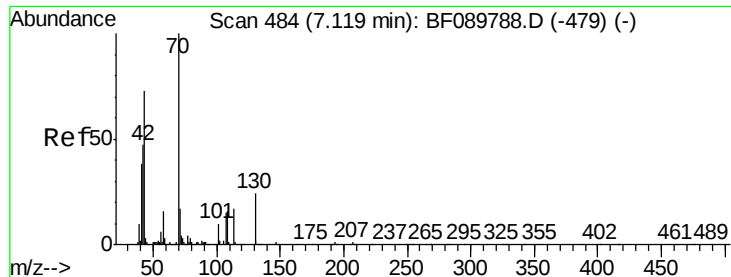
Ion Ratio Lower Upper

117 100

119 1123.7 77.1 115.7#

201 0.0 76.9 115.3#

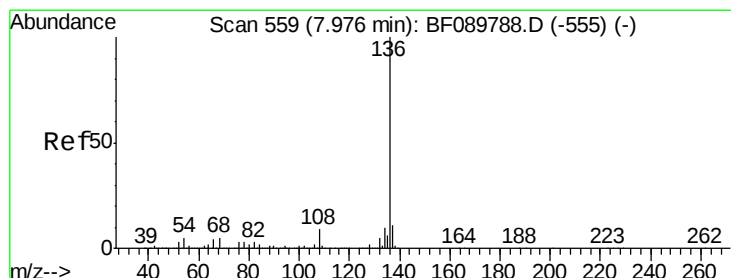
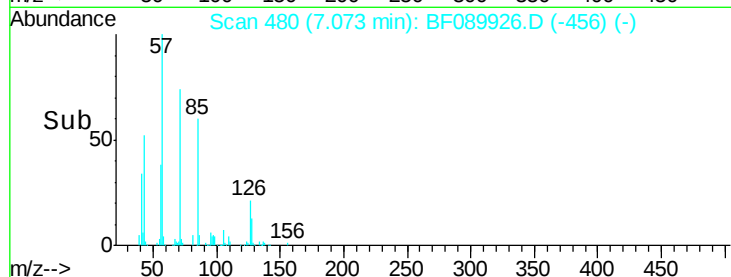
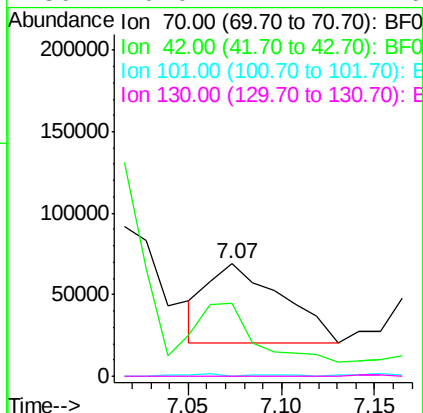
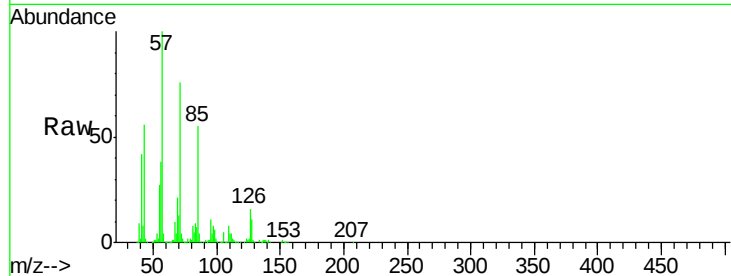




#19
n-Nitroso-di-n-propylamine
Concen: 9.31 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.02 min
Lab File: BF089926.D
Acq: 26 Aug 2016 23:53

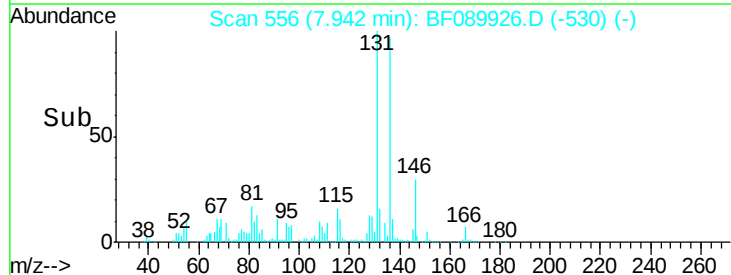
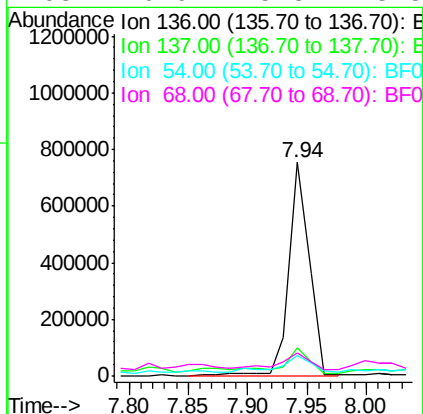
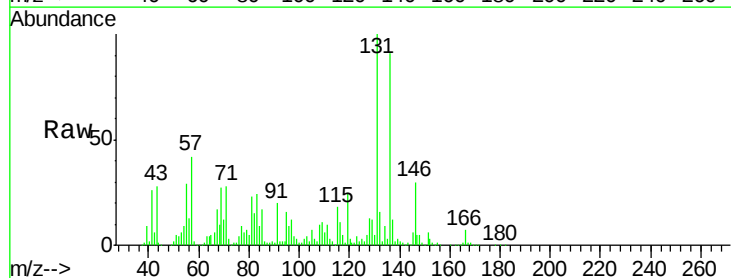
Instrument :
BNA_F
ClientSampleId :

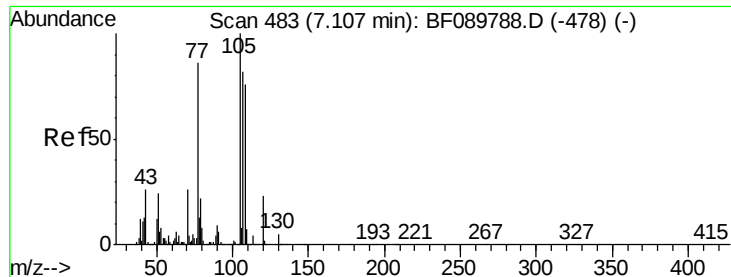
Tot Ion:	70	Resp:	133325
Ion	Ratio	Lower	Upper
70	100		
42	64.8	46.3	69.5
101	0.0	7.0	10.6#
130	0.0	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.00 min
Lab File: BF089926.D
Acq: 26 Aug 2016 23:53

Tgt Ion:	136	Resp:	882577
Ion	Ratio	Lower	Upper
136	100		
137	13.1	9.2	13.8
54	9.4	7.2	10.8
68	10.9	5.8	8.8#





#22

Acetophenone

Concen: 35.40 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF089926.D

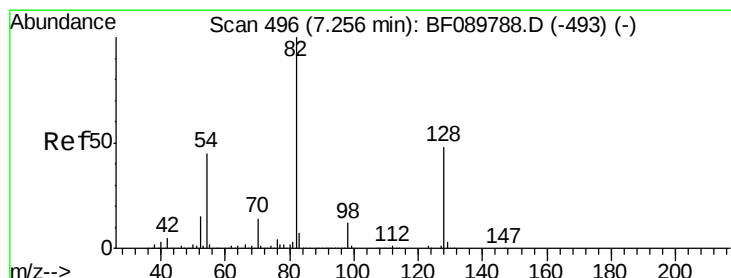
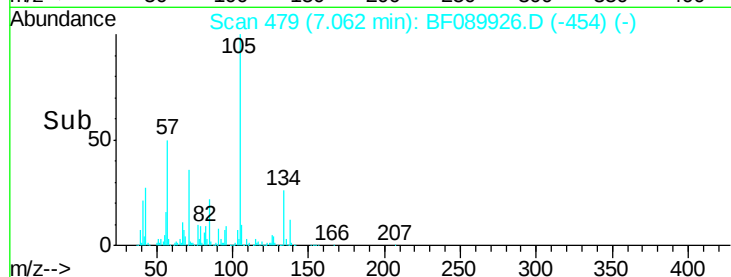
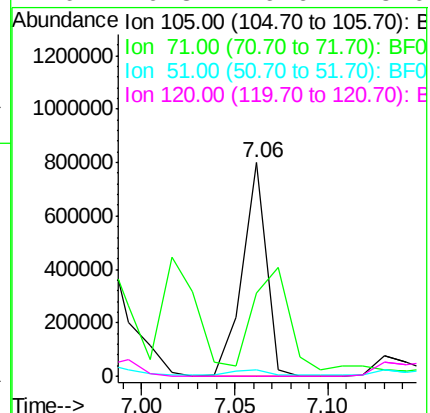
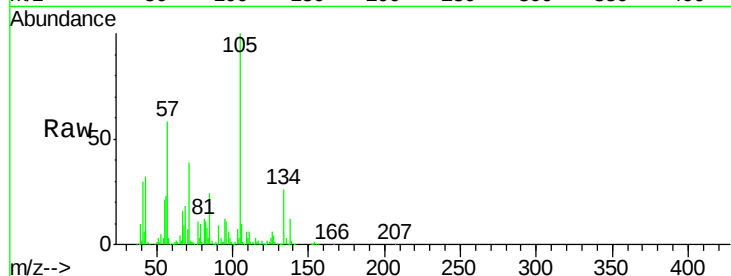
Acq: 26 Aug 2016 23:53

Instrument :

BNA_F

ClientSampled :

Tot Ion:	105	Resp:	717335
Ion	Ratio	Lower	Upper
105	100		
71	39.1	1.9	2.9#
51	3.2	28.5	42.7#
120	0.3	16.6	25.0#



#23

Nitrobenzene-d5

Concen: 63.47 ng

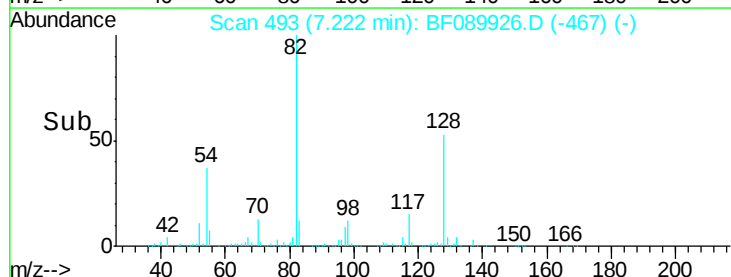
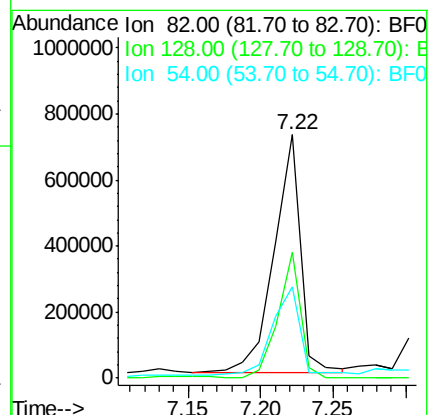
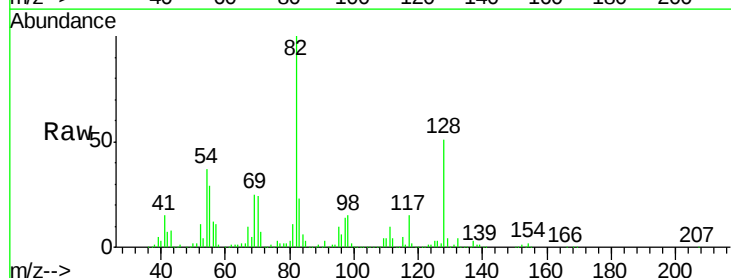
RT: 7.22 min Scan# 493

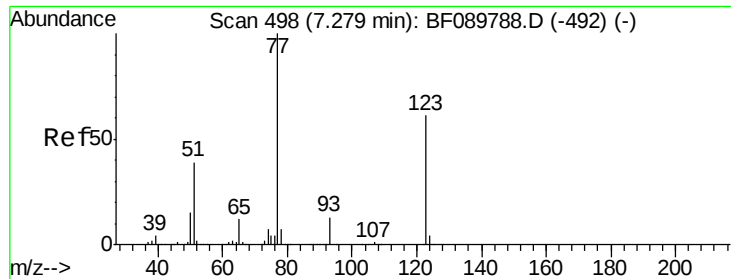
Delta R.T. -0.00 min

Lab File: BF089926.D

Acq: 26 Aug 2016 23:53

Tgt Ion:	82	Resp:	901712
Ion	Ratio	Lower	Upper
82	100		
128	51.5	34.4	51.6
54	37.3	40.3	60.5#

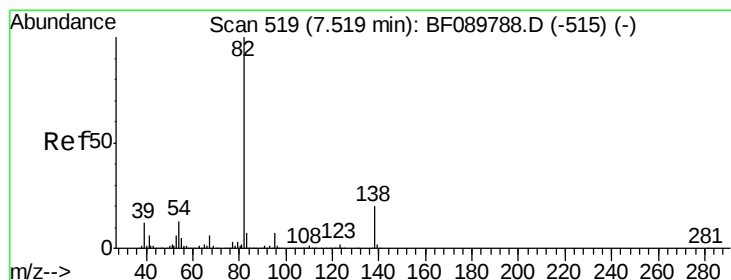
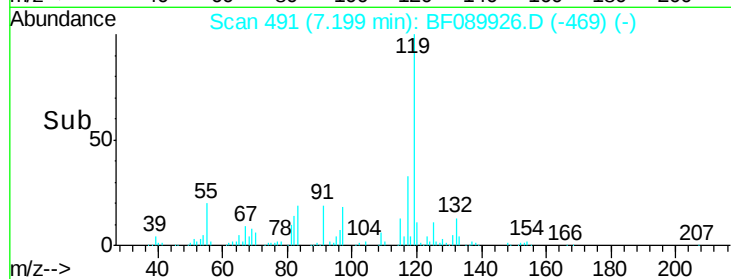
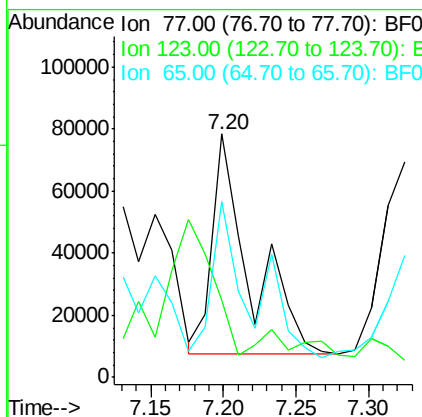
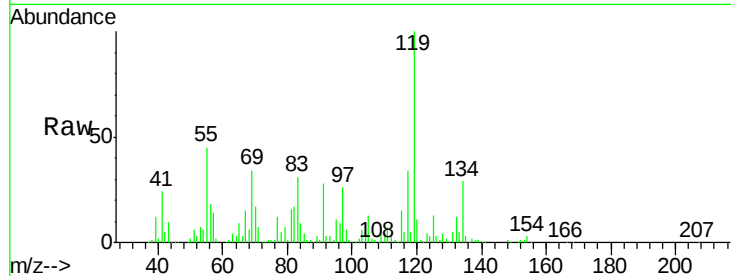




#24
 Nitrobenzene
 Concen: 8.07 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.05 min
 Lab File: BF089926.D
 Acq: 26 Aug 2016 23:53

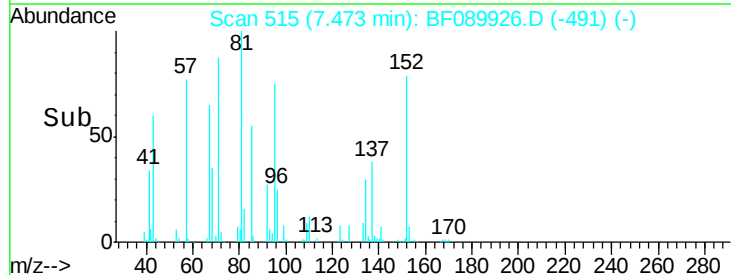
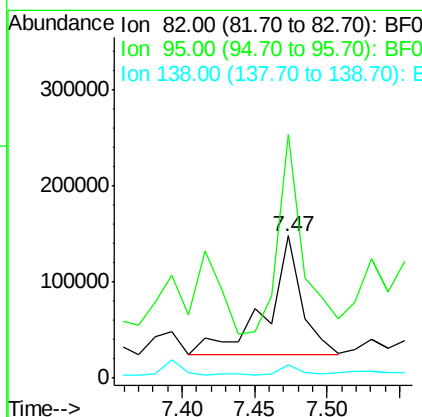
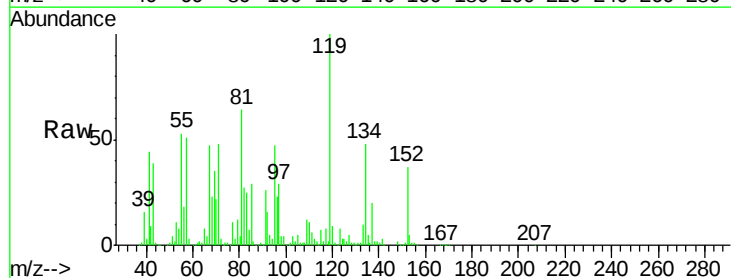
Instrument :
 BNA_F
 ClientSampleId :

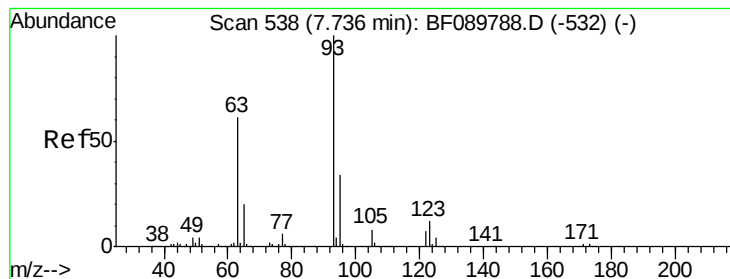
Tot Ion	Ratio	Lower	Upper
77	100		
123	31.8	36.2	54.2#
65	72.2	10.6	15.8#



#25
 Isophorone
 Concen: 7.23 ng
 RT: 7.47 min Scan# 515
 Delta R.T. -0.02 min
 Lab File: BF089926.D
 Acq: 26 Aug 2016 23:53

Tgt Ion	Ratio	Lower	Upper
82	100		
95	171.1	5.3	7.9#
138	9.1	13.0	19.4#





#28

bis(2-Chloroethoxy)methane

Concen: 2.51 ng

RT: 7.71 min Scan# 536

Delta R.T. 0.01 min

Lab File: BF089926.D

Acq: 26 Aug 2016 23:53

Instrument :

BNA_F

ClientSampleId :

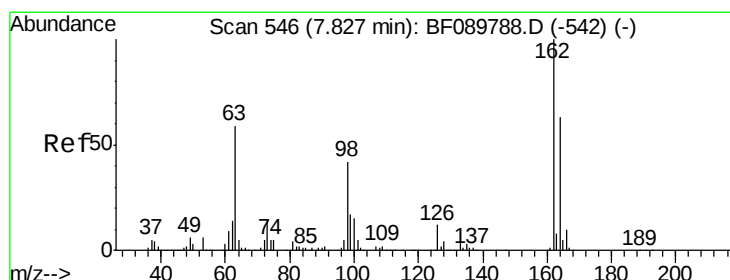
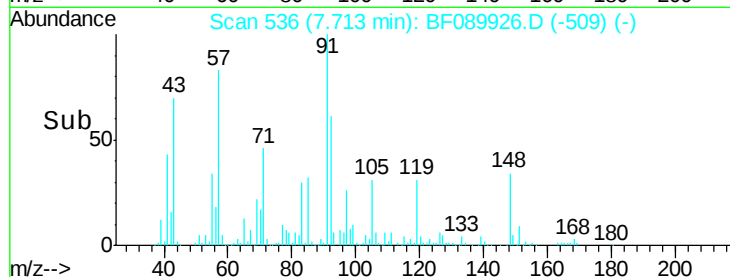
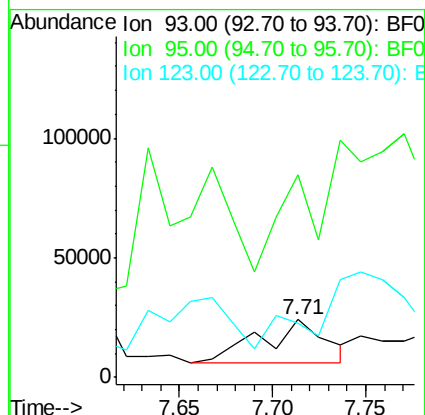
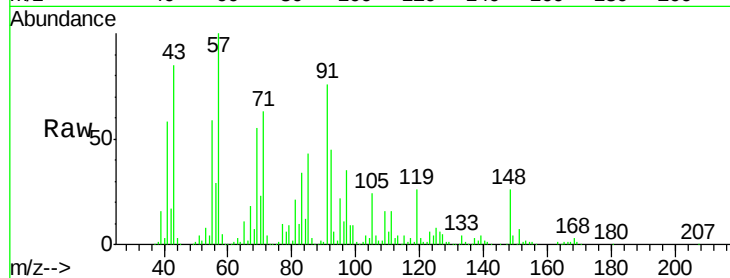
Tot Ion: 93 Resp: 44465

Ion Ratio Lower Upper

93 100

95 353.4 25.5 38.3#

123 94.3 8.5 12.7#



#29

2,4-Dichlorophenol

Concen: 2.02 ng

RT: 7.80 min Scan# 544

Delta R.T. -0.00 min

Lab File: BF089926.D

Acq: 26 Aug 2016 23:53

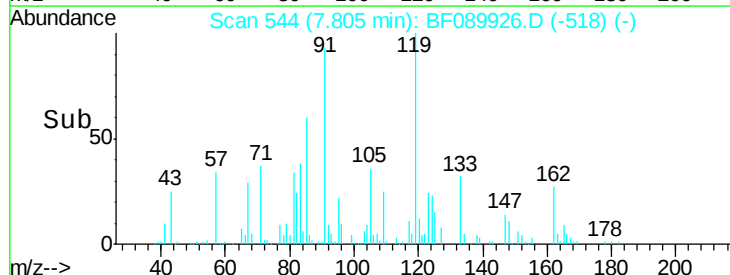
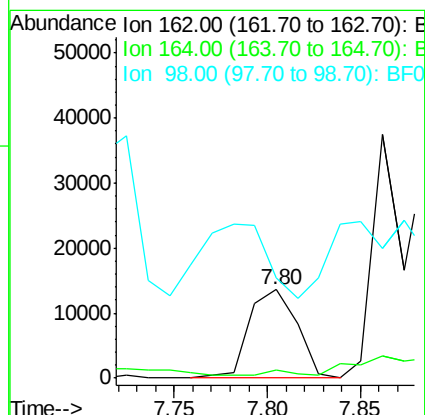
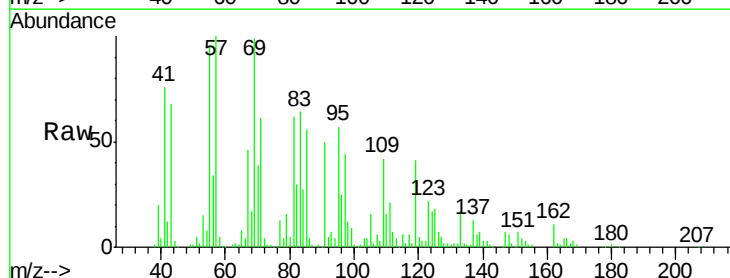
Tgt Ion: 162 Resp: 24279

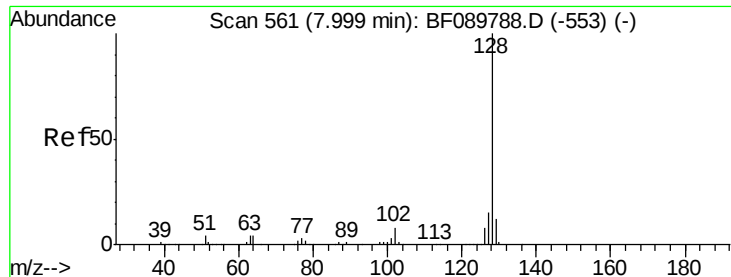
Ion Ratio Lower Upper

162 100

164 9.0 45.5 85.5#

98 114.1 12.4 52.4#

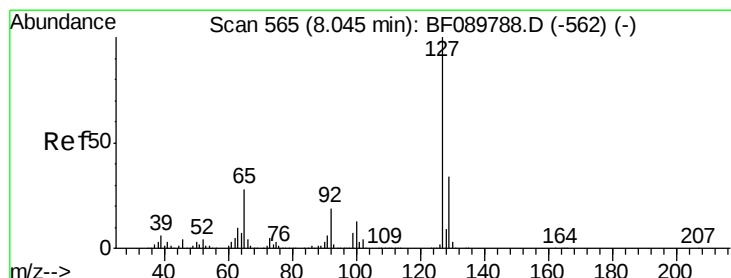
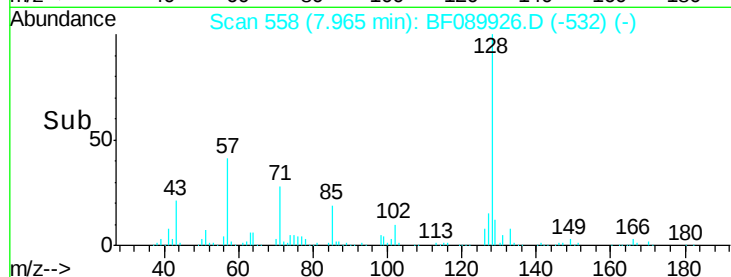
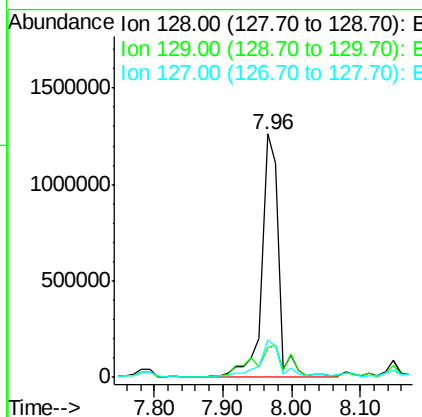
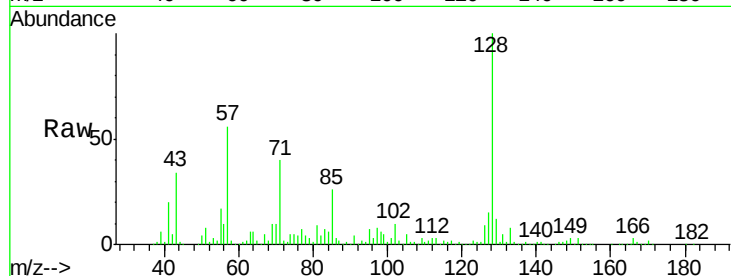




#31
Naphthalene
Concen: 50.80 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF089926.D
Acq: 26 Aug 2016 23:53

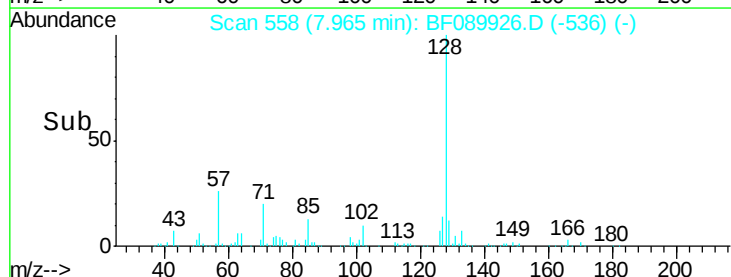
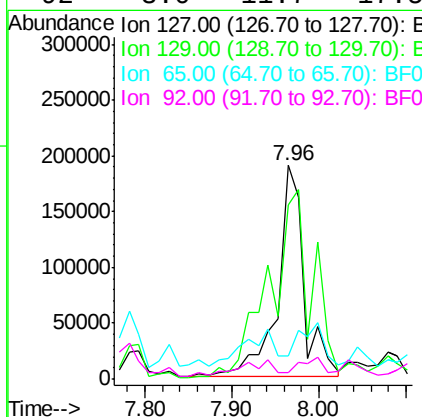
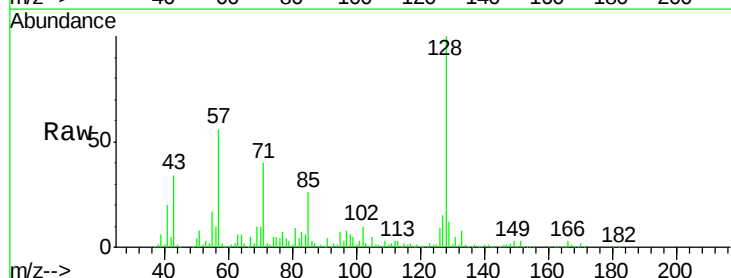
Instrument :
BNA_F
ClientSampleId :

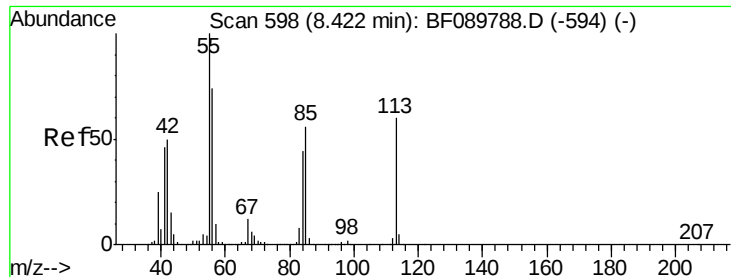
Tot Ion:128 Resp: 2095347
Ion Ratio Lower Upper
128 100
129 12.4 9.5 14.3
127 15.2 11.3 16.9



#33
4-Chloroaniline
Concen: 22.35 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.05 min
Lab File: BF089926.D
Acq: 26 Aug 2016 23:53

Tgt Ion:127 Resp: 399572
Ion Ratio Lower Upper
127 100
129 81.8 27.0 40.6#
65 11.1 14.7 22.1#
92 3.0 11.7 17.5#





#35

Caprolactam

Concen: 62.74 ng

RT: 8.40 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF089926.D

Acq: 26 Aug 2016 23:53

Instrument :

BNA_F

ClientSampled :

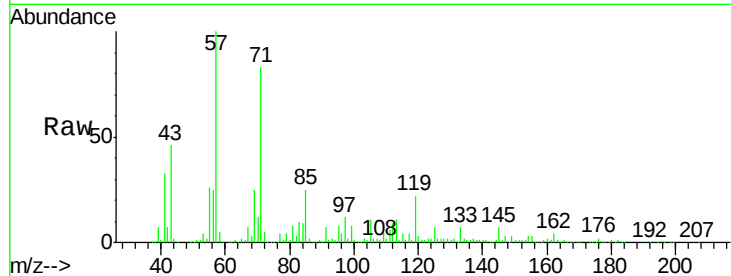
Tot Ion:113 Resp: 229774

Ion Ratio Lower Upper

113 100

55 233.2 135.9 175.9#

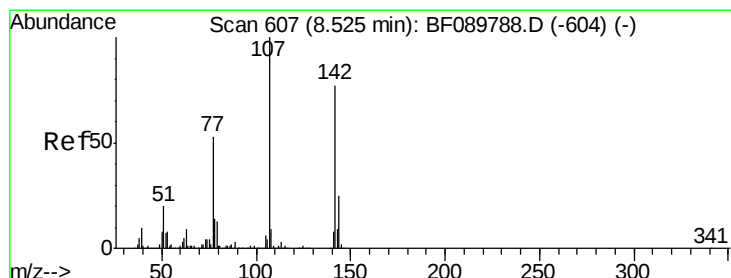
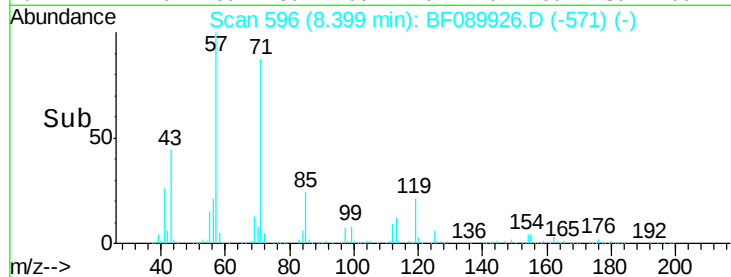
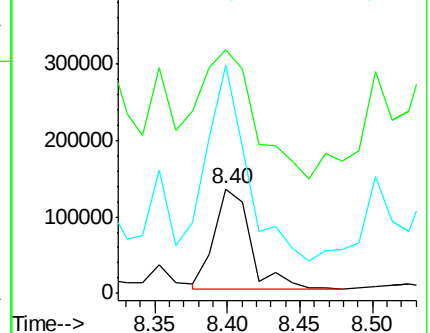
56 219.0 93.9 133.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 4.47 ng

RT: 8.48 min Scan# 603

Delta R.T. -0.02 min

Lab File: BF089926.D

Acq: 26 Aug 2016 23:53

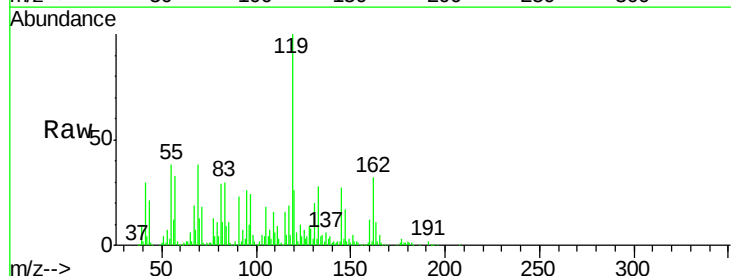
Tgt Ion:107 Resp: 58268

Ion Ratio Lower Upper

107 100

144 29.0 22.6 34.0

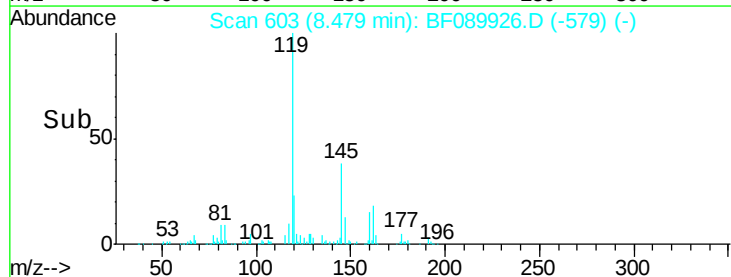
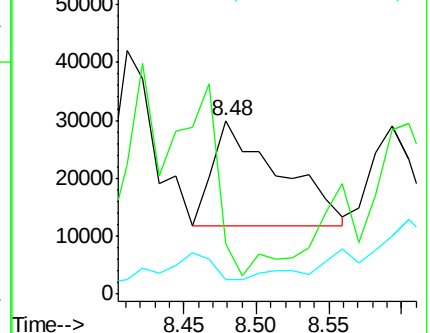
142 8.1 69.3 103.9#

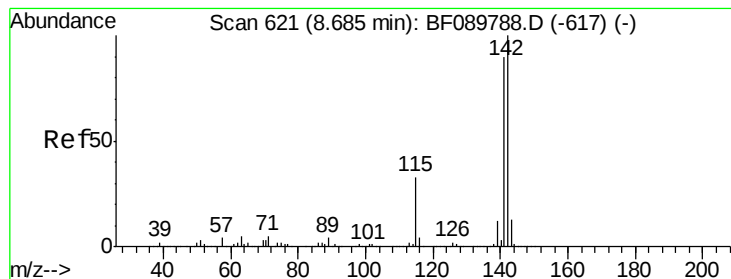


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

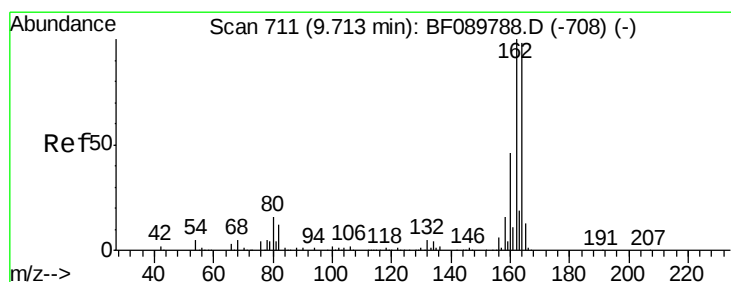
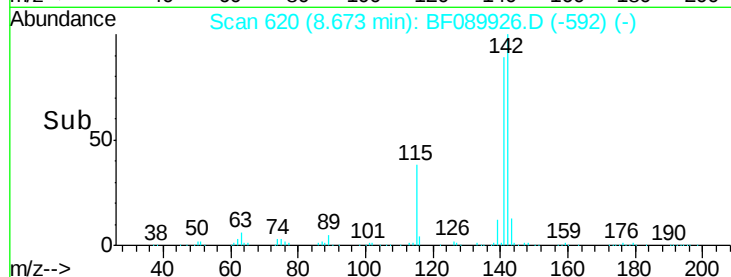
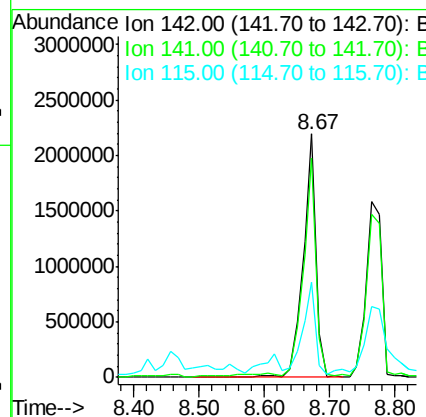
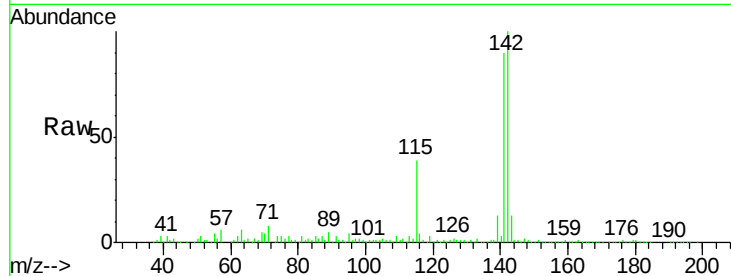




#37
 2-Methylnaphthalene
 Concen: 114.35 ng
 RT: 8.67 min Scan# 620
 Delta R.T. 0.02 min
 Lab File: BF089926.D
 Acq: 26 Aug 2016 23:53

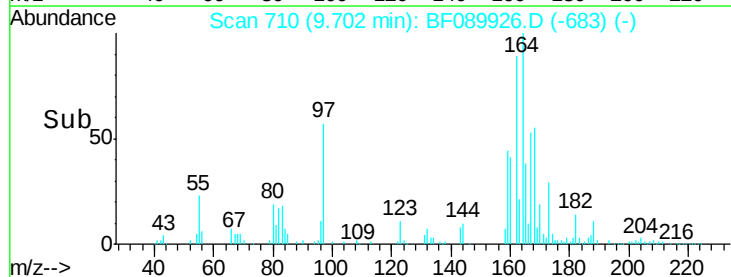
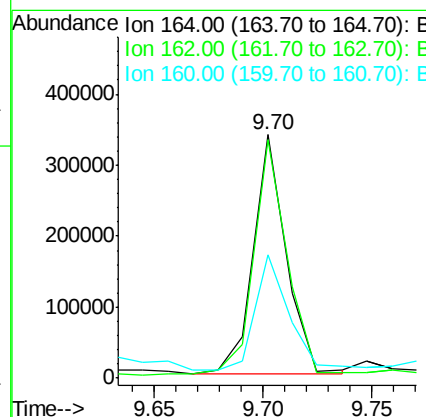
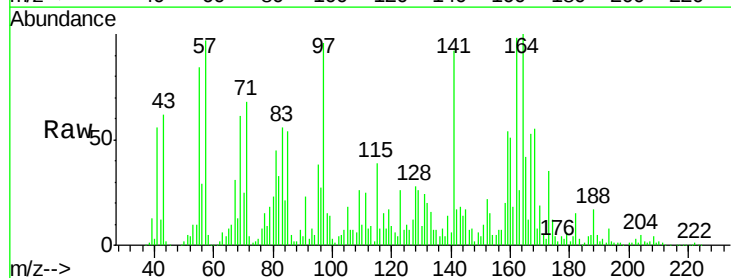
Instrument :
 BNA_F
 ClientSampled :

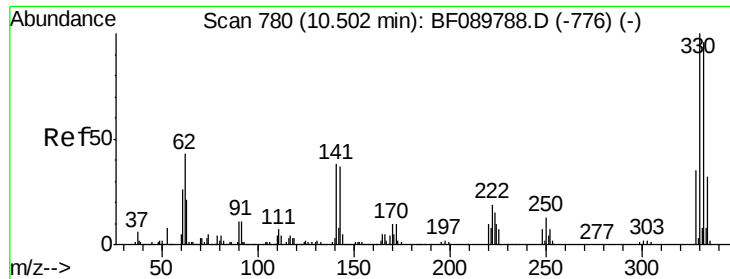
Tot Ion:142 Resp: 3051453
 Ion Ratio Lower Upper
 142 100
 141 90.3 71.4 107.2
 115 38.8 22.7 34.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. 0.01 min
 Lab File: BF089926.D
 Acq: 26 Aug 2016 23:53

Tgt Ion:164 Resp: 360109
 Ion Ratio Lower Upper
 164 100
 162 97.7 81.4 122.2
 160 50.6 37.8 56.6

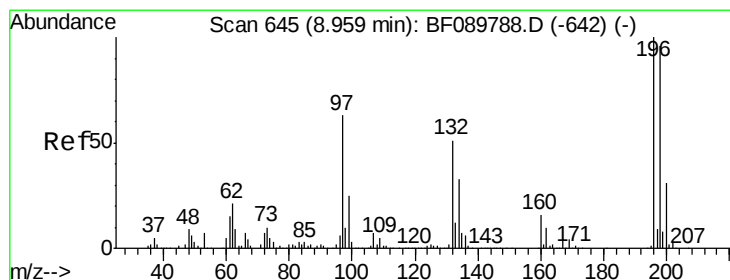
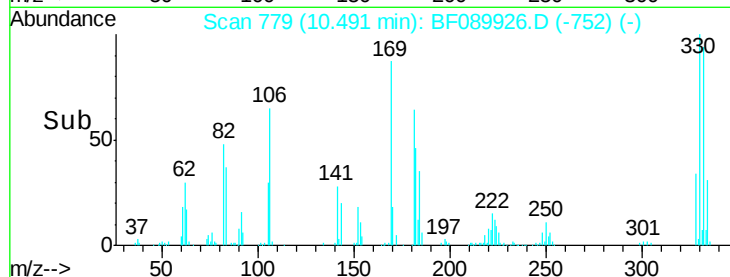
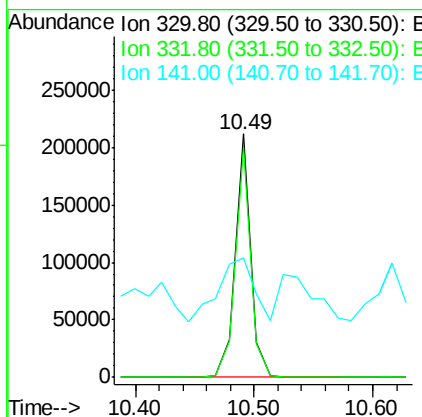
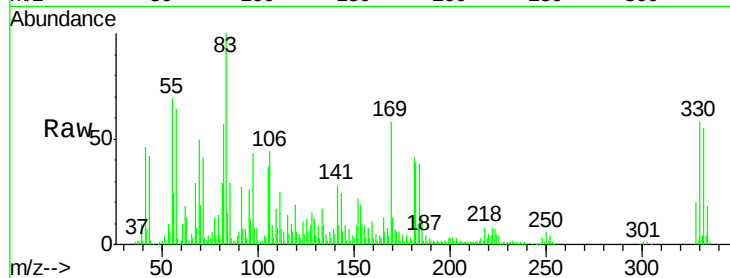




#41
 2,4,6-Tribromophenol
 Concen: 55.89 ng
 RT: 10.49 min Scan# 779
 Delta R.T. 0.01 min
 Lab File: BF089926.D
 Acq: 26 Aug 2016 23:53

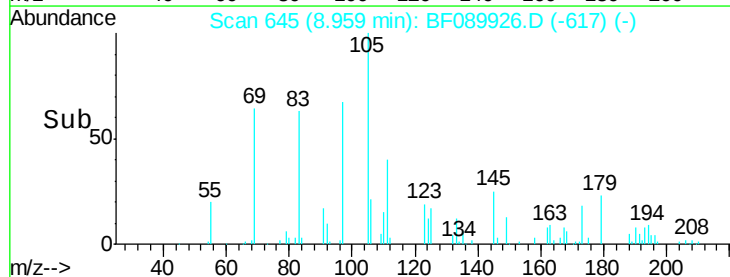
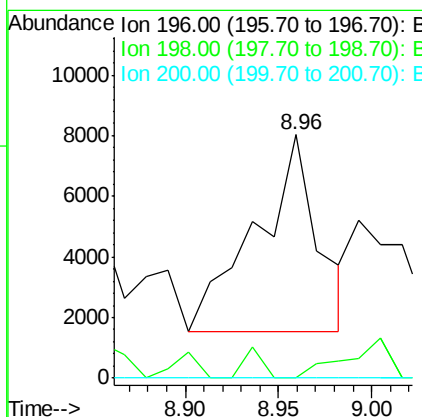
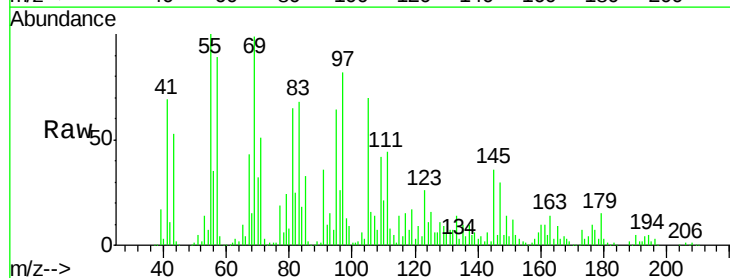
Instrument :
 BNA_F
 ClientSampleId :

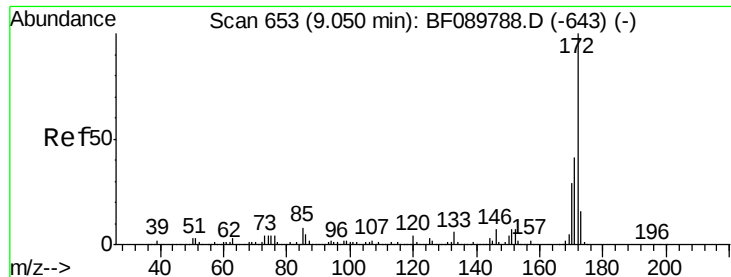
Tot Ion:330 Resp: 191271
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.7 115.1
 141 60.2 30.2 45.2#



#42
 2,4,6-Trichlorophenol
 Concen: 2.03 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.02 min
 Lab File: BF089926.D
 Acq: 26 Aug 2016 23:53

Tgt Ion:196 Resp: 14926
 Ion Ratio Lower Upper
 196 100
 198 0.0 76.3 114.5#
 200 0.0 24.6 36.8#

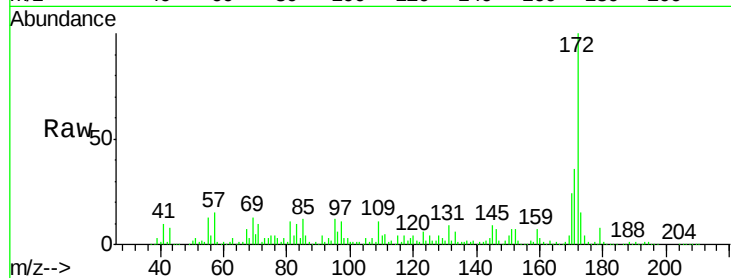




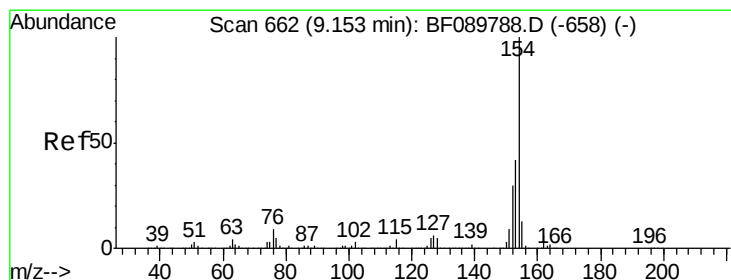
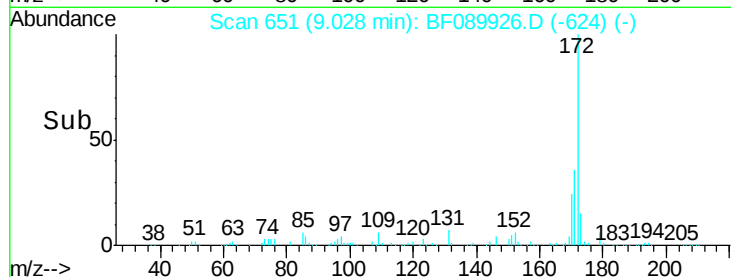
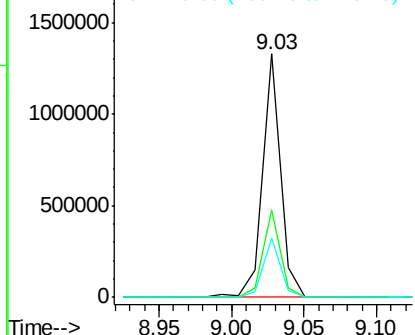
#44
2-Fluorobiphenyl
Concen: 56.04 ng
RT: 9.03 min Scan# 651
Delta R.T. 0.01 min
Lab File: BF089926.D
Acq: 26 Aug 2016 23:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1148245
Ion Ratio Lower Upper
172 100
171 35.8 30.5 45.7
170 24.2 20.6 31.0

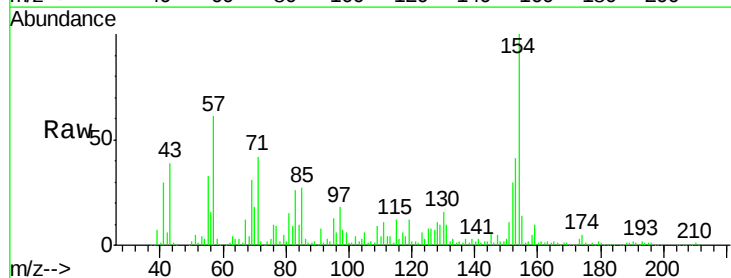


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

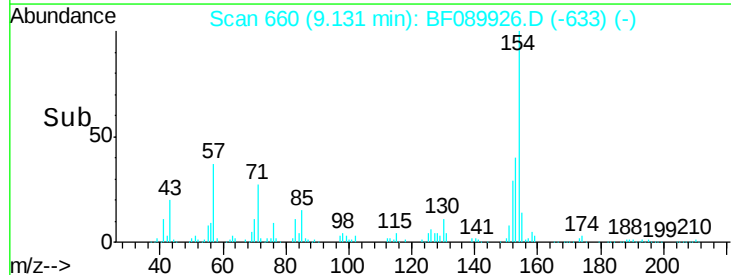
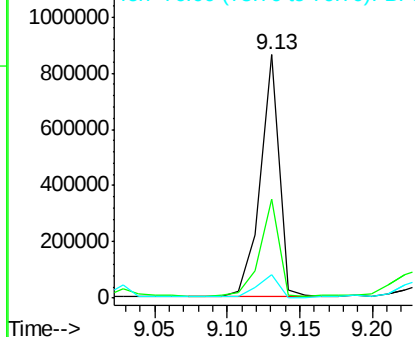


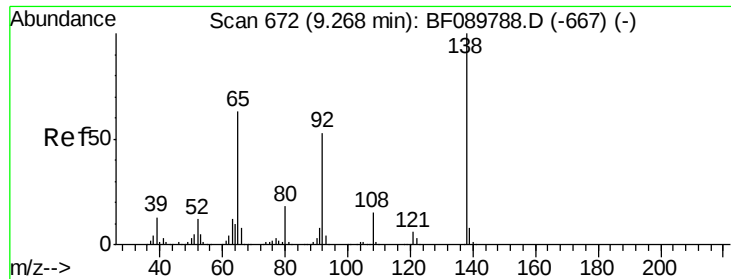
#45
1,1'-Biphenyl
Concen: 27.93 ng
RT: 9.13 min Scan# 660
Delta R.T. 0.01 min
Lab File: BF089926.D
Acq: 26 Aug 2016 23:53

Tgt Ion:154 Resp: 778339
Ion Ratio Lower Upper
154 100
153 40.5 21.5 61.5
76 9.6 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): BF0





#47

2-Nitroaniline

Concen: 14.78 ng

RT: 9.19 min Scan# 665

Delta R.T. -0.05 min

Lab File: BF089926.D

Acq: 26 Aug 2016 23:53

Instrument :

BNA_F

ClientSampleId :

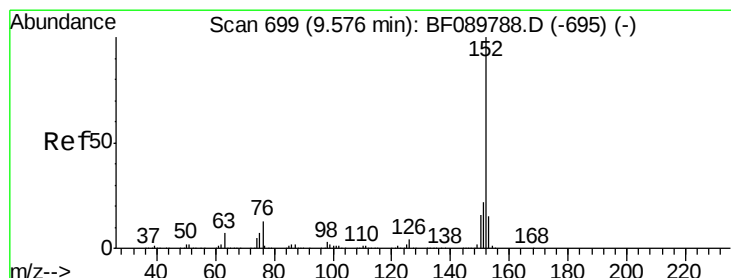
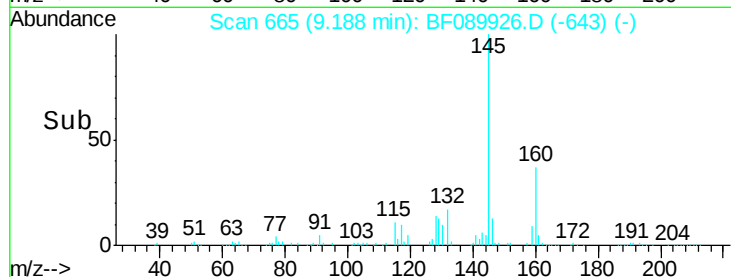
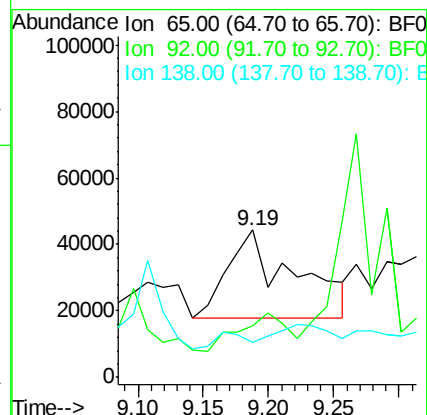
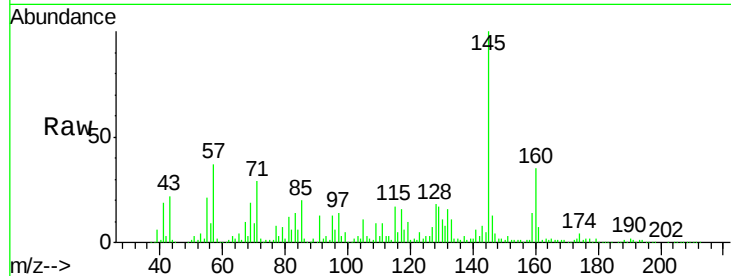
Tot Ion: 65 Resp: 92863

Ion Ratio Lower Upper

65 100

92 35.4 56.3 84.5#

138 23.6 81.8 122.8#



#48

Acenaphthylene

Concen: 4.45 ng

RT: 9.58 min Scan# 699

Delta R.T. 0.02 min

Lab File: BF089926.D

Acq: 26 Aug 2016 23:53

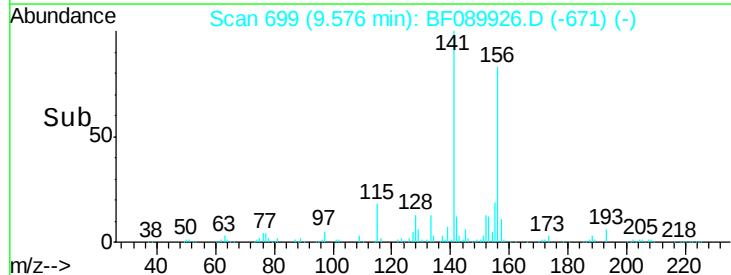
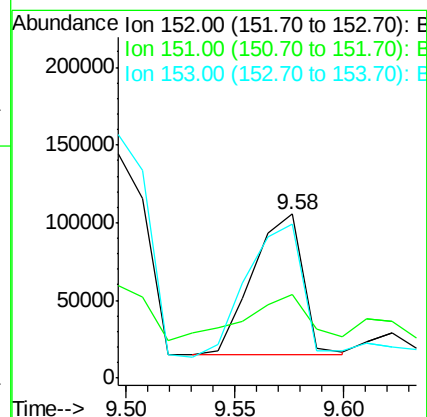
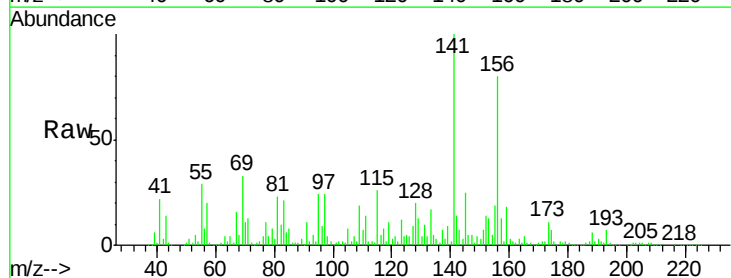
Tgt Ion: 152 Resp: 147442

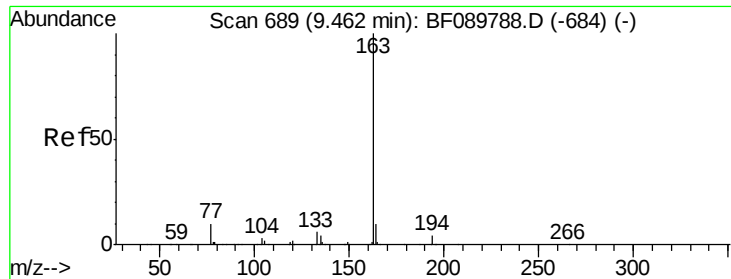
Ion Ratio Lower Upper

152 100

151 51.0 17.1 25.7#

153 93.8 11.2 16.8#

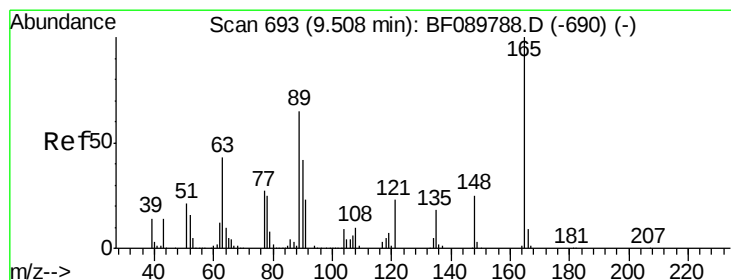
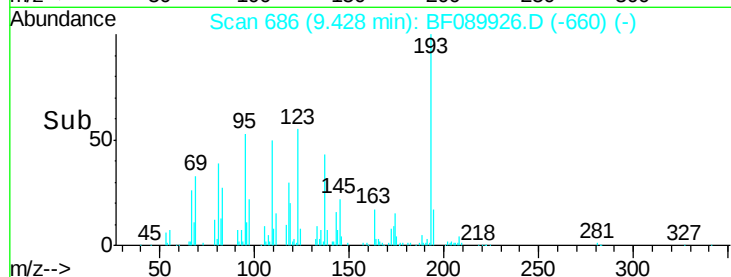
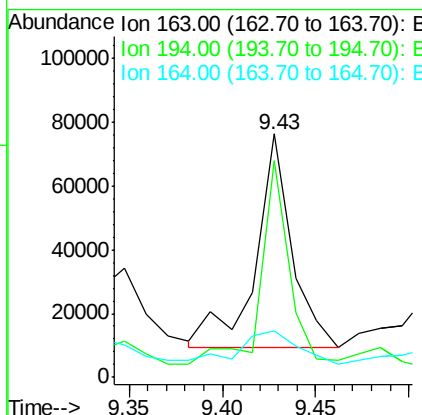
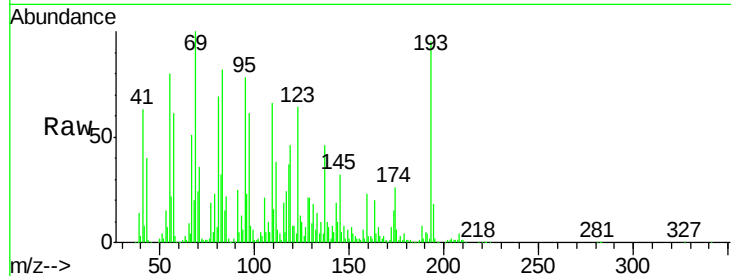




#49
Dimethylphthalate
Concen: 3.56 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF089926.D
Acq: 26 Aug 2016 23:53

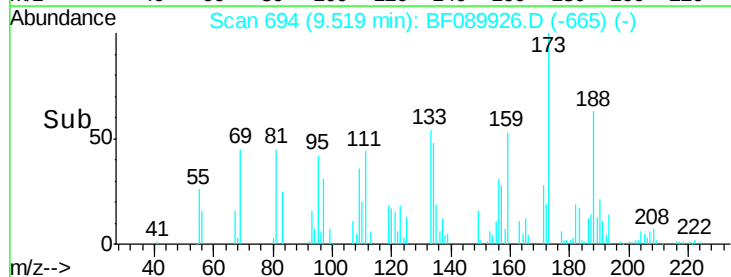
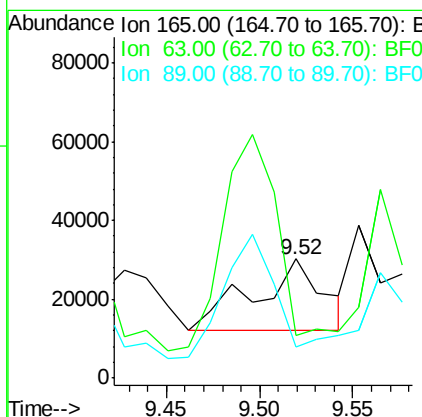
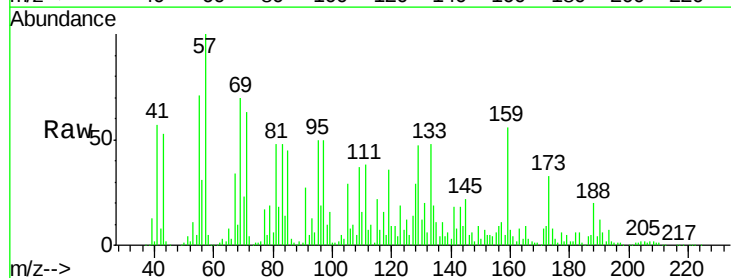
Instrument :
BNA_F
ClientSampleId :

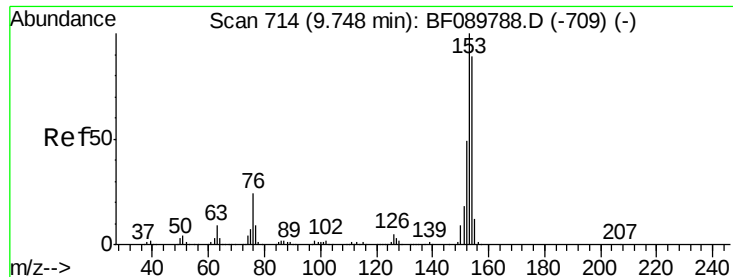
Tot Ion:163 Resp: 90308
Ion Ratio Lower Upper
163 100
194 89.1 2.6 3.8#
164 19.3 8.6 12.8#



#50
2,6-Dinitrotoluene
Concen: 7.91 ng
RT: 9.52 min Scan# 694
Delta R.T. 0.03 min
Lab File: BF089926.D
Acq: 26 Aug 2016 23:53

Tgt Ion:165 Resp: 46279
Ion Ratio Lower Upper
165 100
63 36.2 41.7 62.5#
89 26.4 44.6 67.0#





#51

Acenaphthene

Concen: 16.88 ng

RT: 9.74 min Scan# 713

Delta R.T. 0.01 min

Lab File: BF089926.D

Acq: 26 Aug 2016 23:53

Instrument :

BNA_F

ClientSampleId :

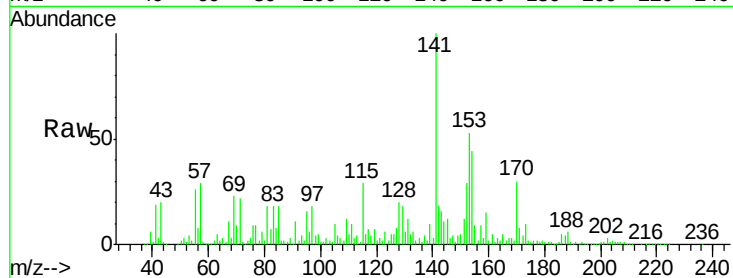
Tot Ion:154 Resp: 369836

Ion Ratio Lower Upper

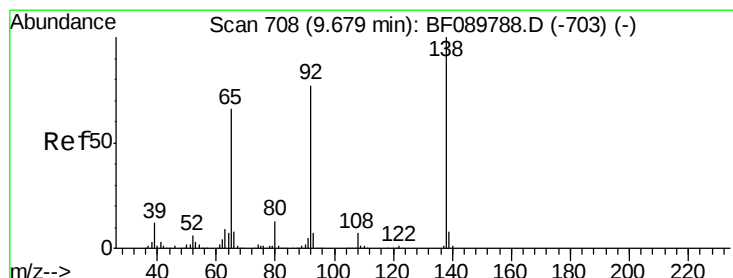
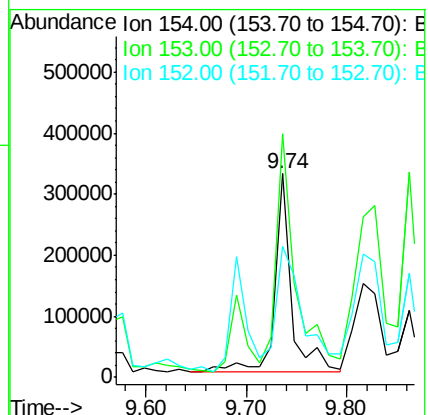
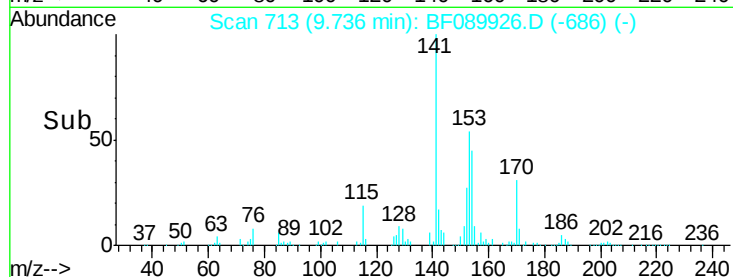
154 100

153 119.6 90.5 135.7

152 64.4 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 4.34 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.02 min

Lab File: BF089926.D

Acq: 26 Aug 2016 23:53

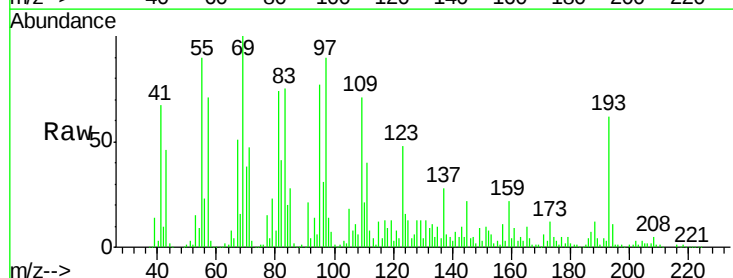
Tgt Ion:138 Resp: 28117

Ion Ratio Lower Upper

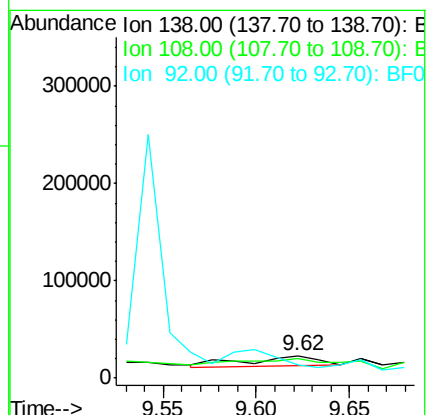
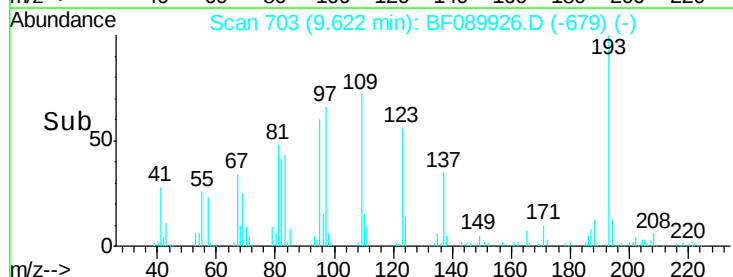
138 100

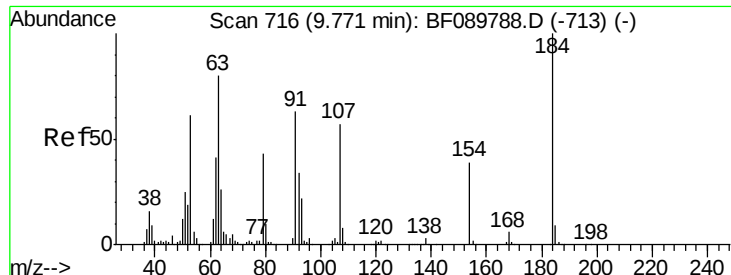
108 86.4 8.1 12.1#

92 57.2 92.7 139.1#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

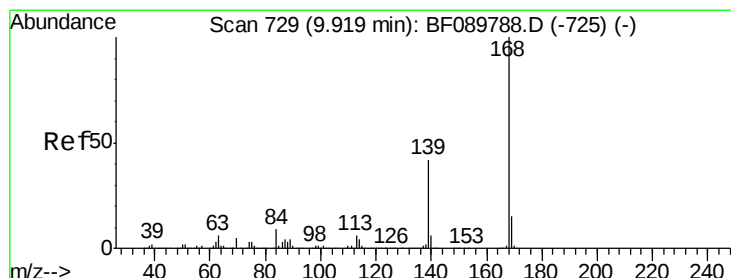
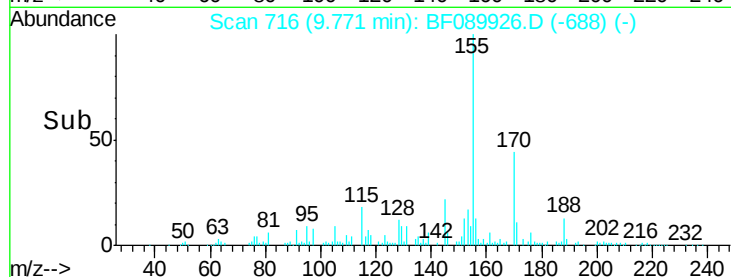
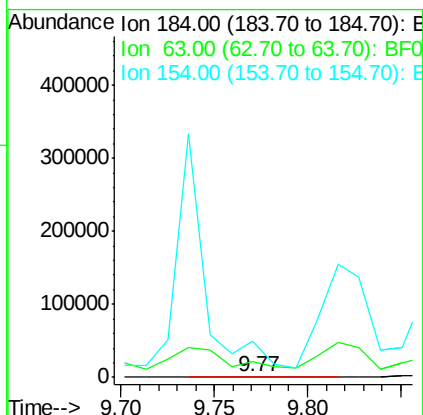
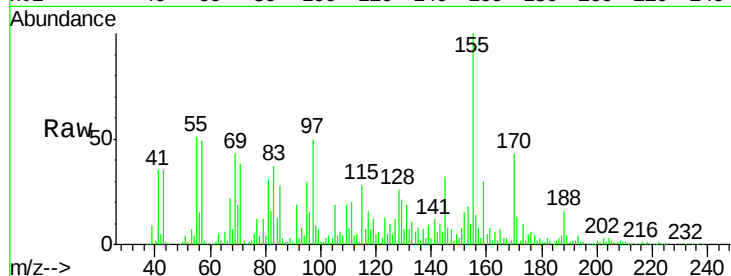




#53
 2,4-Dinitrophenol
 Concen: 3.16 ng
 RT: 9.77 min Scan# 716
 Delta R.T. 0.02 min
 Lab File: BF089926.D
 Acq: 26 Aug 2016 23:53

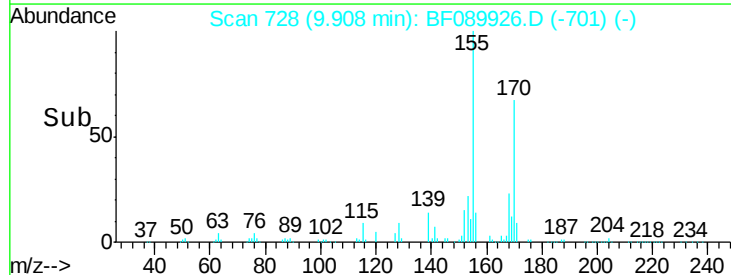
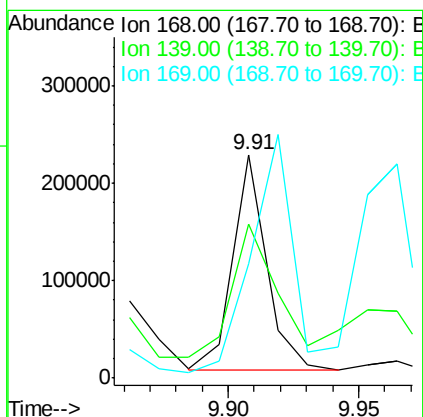
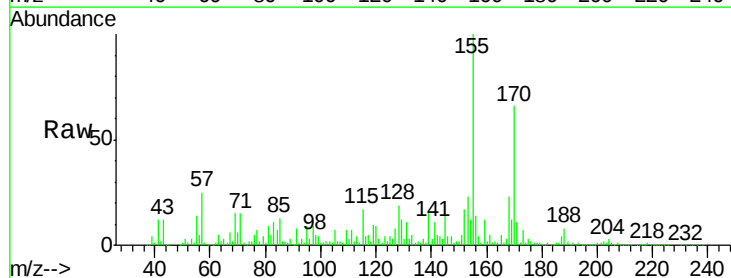
Instrument :
 BNA_F
 ClientSampleId :

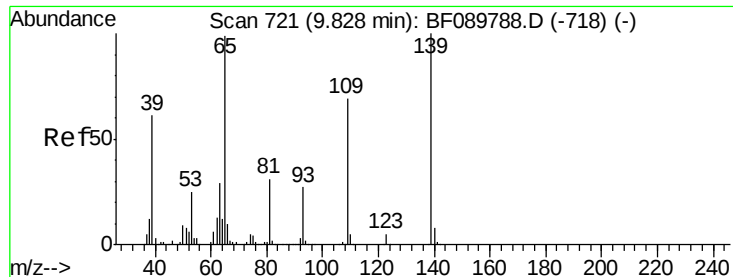
Tot Ion:184 Resp: 2104
 Ion Ratio Lower Upper
 184 100
 63 1551.2 54.2 81.4#
 154 3528.7 52.7 79.1#



#54
 Dibenzofuran
 Concen: 7.35 ng
 RT: 9.91 min Scan# 728
 Delta R.T. 0.01 min
 Lab File: BF089926.D
 Acq: 26 Aug 2016 23:53

Tgt Ion:168 Resp: 202334
 Ion Ratio Lower Upper
 168 100
 139 69.0 34.6 52.0#
 169 50.9 11.5 17.3#

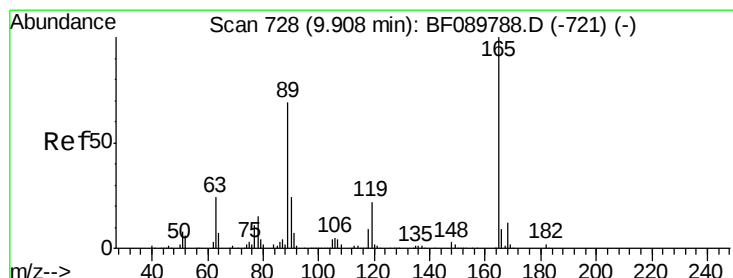
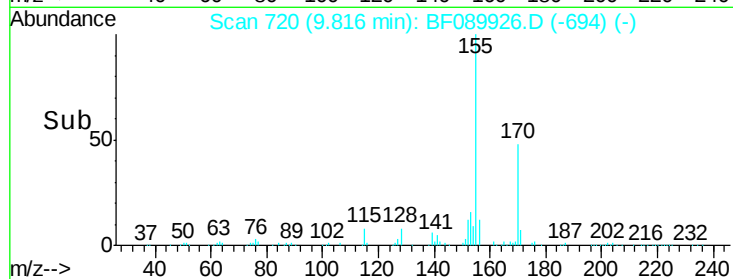
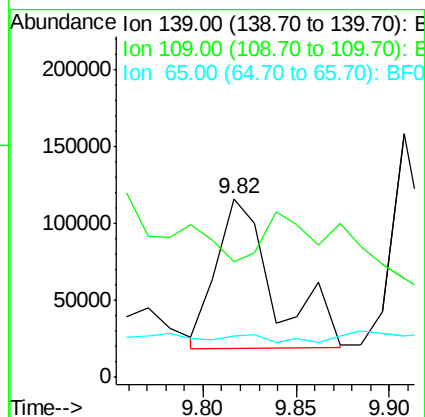
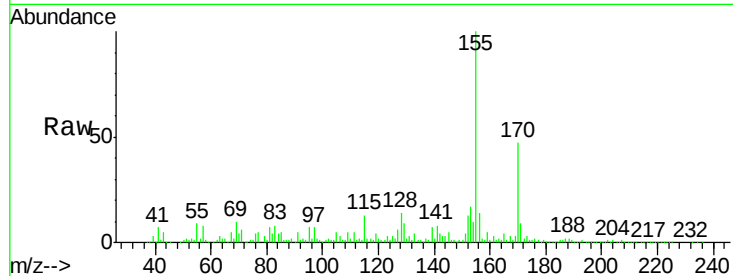




#55
4-Nitrophenol
Concen: 39.23 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF089926.D
Acq: 26 Aug 2016 23:53

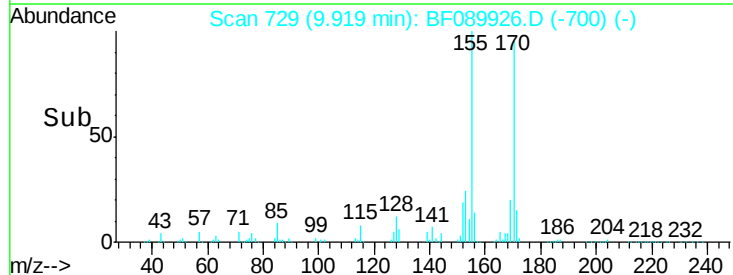
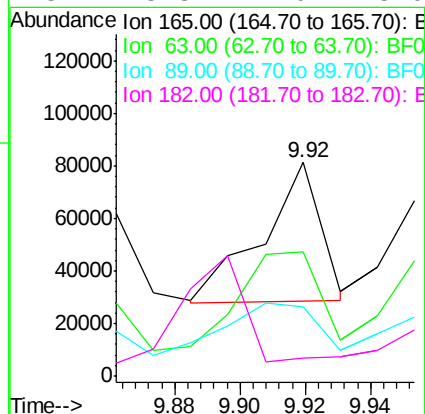
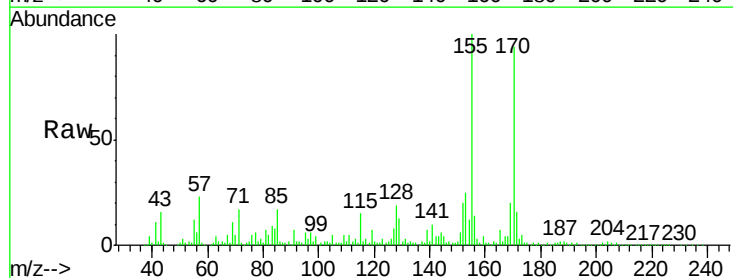
Instrument :
BNA_F
ClientSampleID :

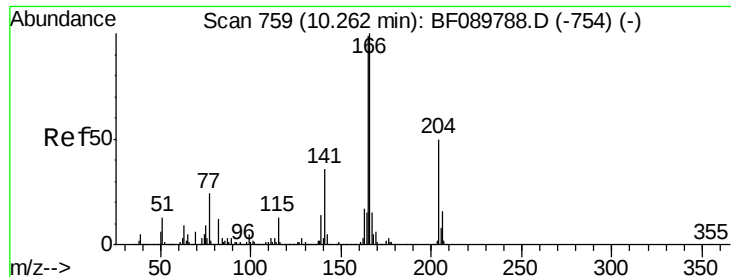
Tot Ion:139 Resp: 207688
Ion Ratio Lower Upper
139 100
109 64.5 43.0 83.0
65 23.0 55.7 95.7#



#56
2,4-Dinitrotoluene
Concen: 8.79 ng
RT: 9.92 min Scan# 729
Delta R.T. 0.03 min
Lab File: BF089926.D
Acq: 26 Aug 2016 23:53

Tgt Ion:165 Resp: 66765
Ion Ratio Lower Upper
165 100
63 58.2 23.7 35.5#
89 32.5 44.0 66.0#
182 8.3 2.0 3.0#

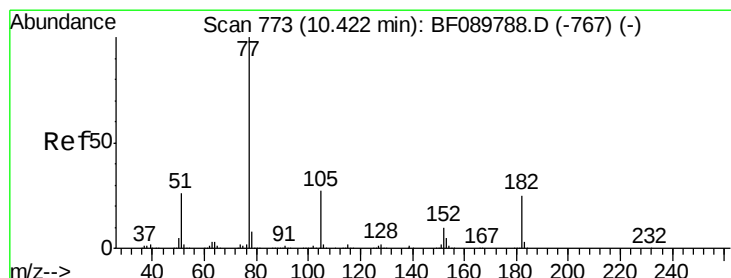
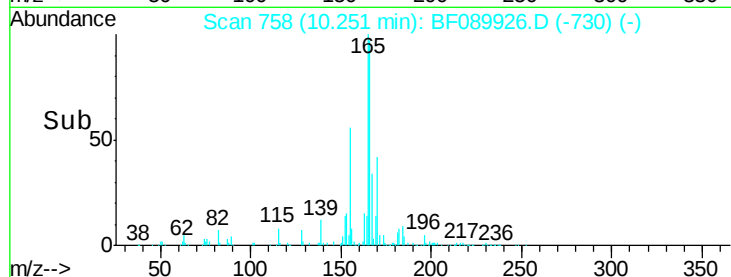
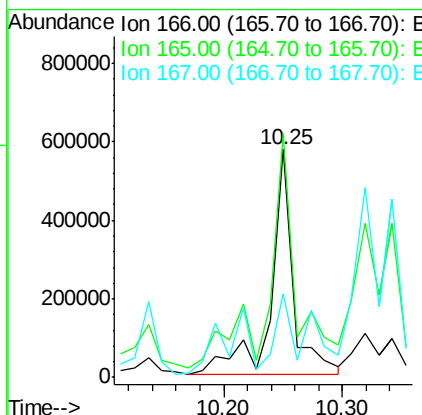
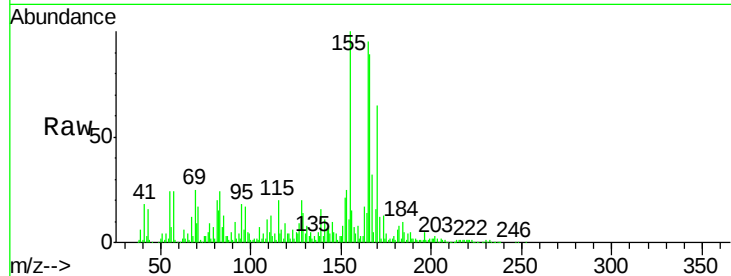




#57
 Fluorene
 Concen: 34.25 ng
 RT: 10.25 min Scan# 758
 Delta R.T. 0.02 min
 Lab File: BF089926.D
 Acq: 26 Aug 2016 23:53

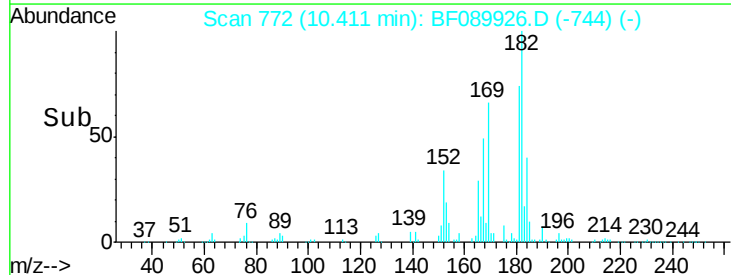
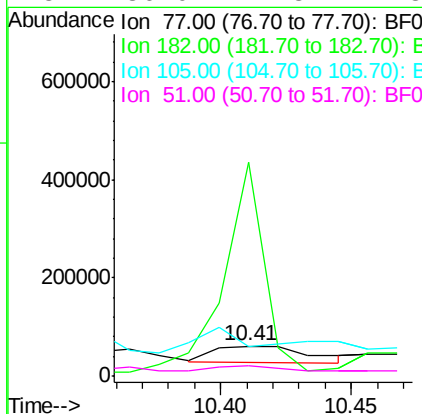
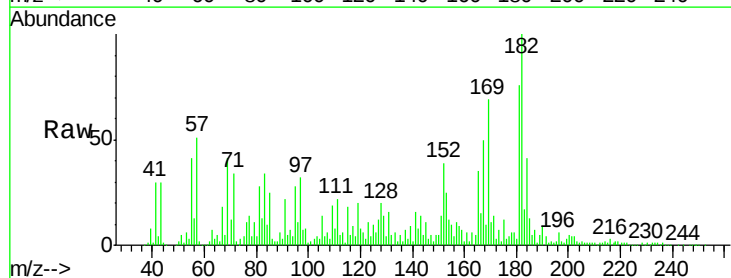
Instrument :
 BNA_F
 ClientSampleId :

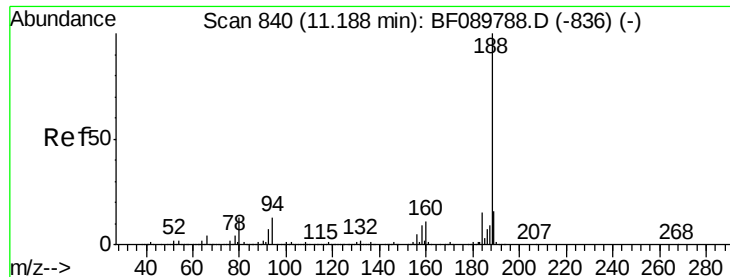
Tot Ion:166 Resp: 750946
 Ion Ratio Lower Upper
 166 100
 165 106.7 80.2 120.4
 167 36.4 11.3 16.9#



#62
 Azobenzene
 Concen: 3.40 ng
 RT: 10.41 min Scan# 772
 Delta R.T. 0.02 min
 Lab File: BF089926.D
 Acq: 26 Aug 2016 23:53

Tgt Ion: 77 Resp: 82276
 Ion Ratio Lower Upper
 77 100
 182 714.0 5.6 45.6#
 105 98.9 4.0 44.0#
 51 36.0 7.8 47.8

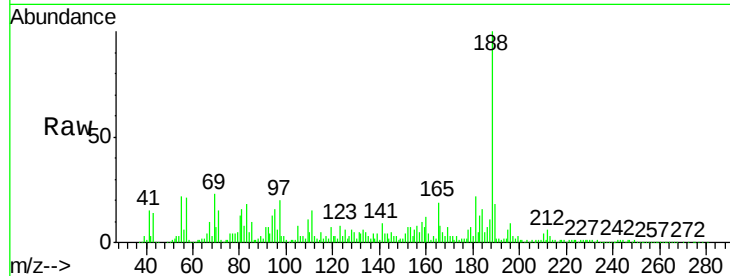




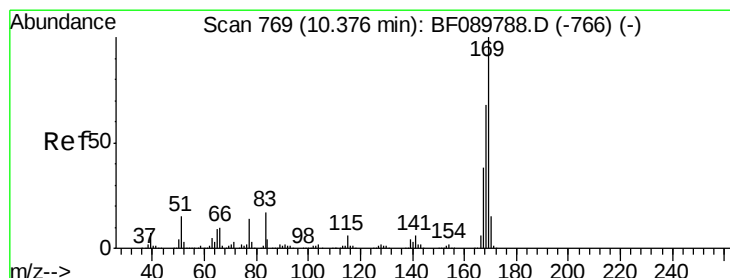
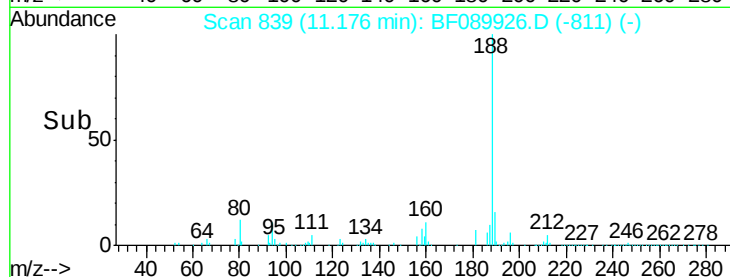
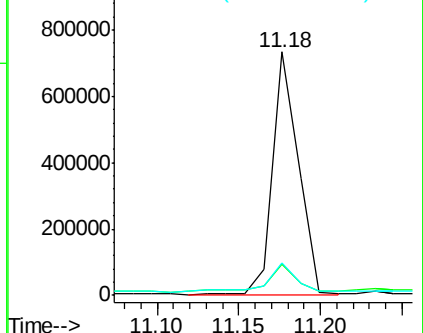
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. 0.02 min
Lab File: BF089926.D
Acq: 26 Aug 2016 23:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 802481
Ion Ratio Lower Upper
188 100
94 12.8 10.2 15.2
80 13.1 10.9 16.3

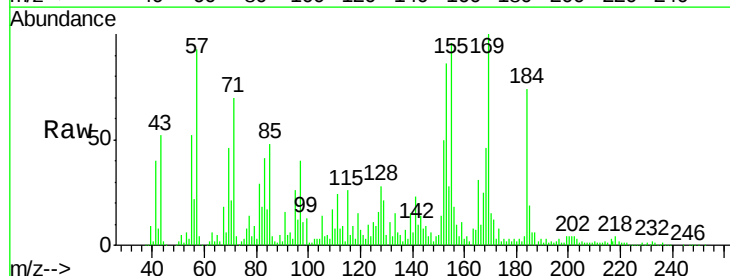


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

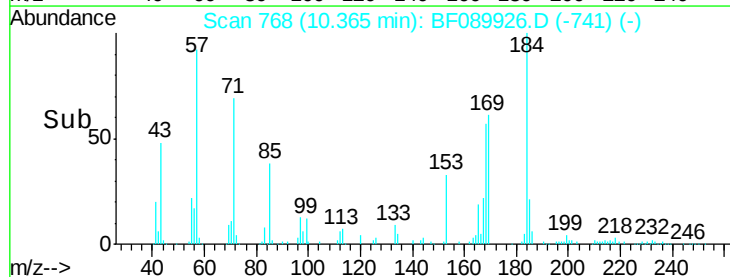
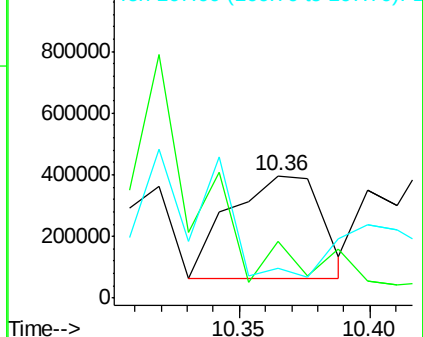


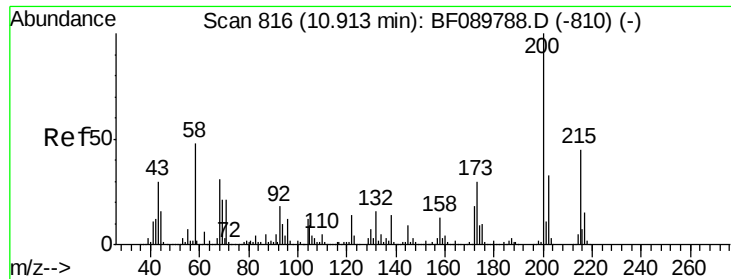
#65
n-Nitrosodiphenylamine
Concen: 32.56 ng
RT: 10.36 min Scan# 768
Delta R.T. 0.01 min
Lab File: BF089926.D
Acq: 26 Aug 2016 23:53

Tgt Ion:169 Resp: 821643
Ion Ratio Lower Upper
169 100
168 46.1 54.6 82.0#
167 24.7 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

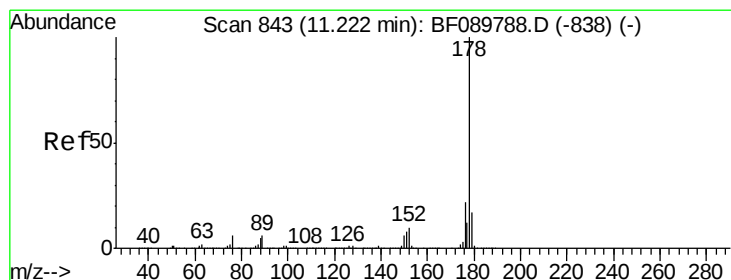
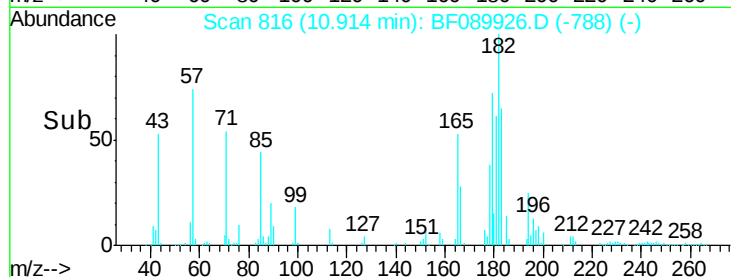
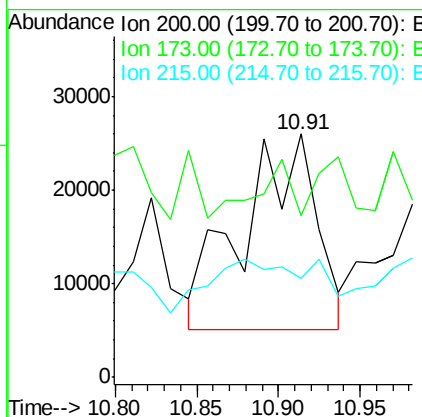
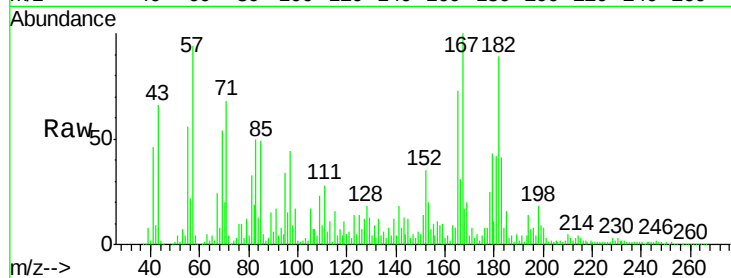




#68
 Atrazine
 Concen: 8.50 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.02 min
 Lab File: BF089926.D
 Acq: 26 Aug 2016 23:53

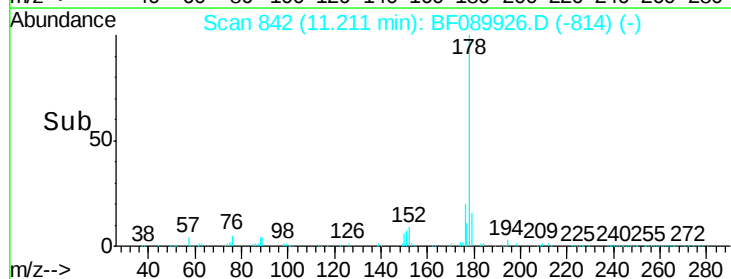
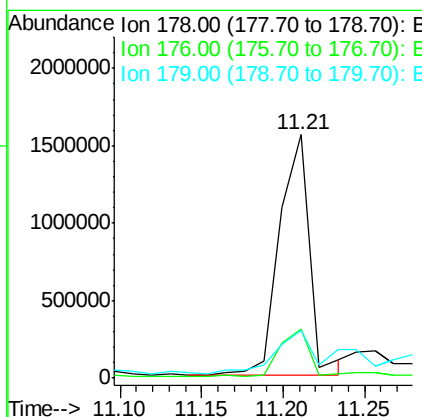
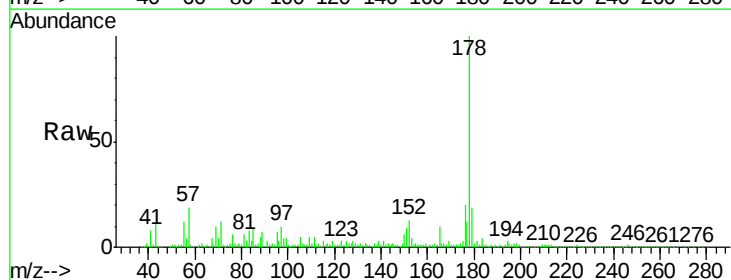
Instrument :
 BNA_F
 ClientSampleId :

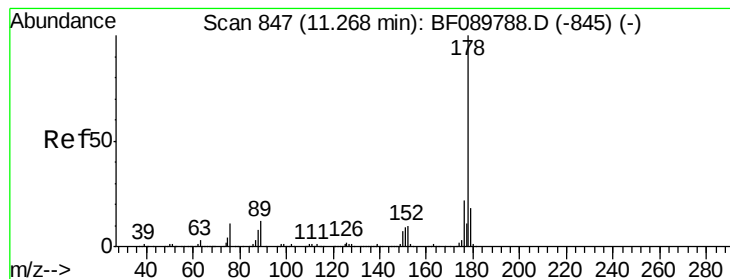
Tot Ion:200 Resp: 65706
 Ion Ratio Lower Upper
 200 100
 173 66.3 6.6 46.6#
 215 40.8 24.7 64.7



#70
 Phenanthrene
 Concen: 49.07 ng
 RT: 11.21 min Scan# 842
 Delta R.T. 0.02 min
 Lab File: BF089926.D
 Acq: 26 Aug 2016 23:53

Tgt Ion:178 Resp: 1988631
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.4 24.6
 179 19.5 12.5 18.7#





#71

Anthracene

Concen: 48.27 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.02 min

Lab File: BF089926.D

Acq: 26 Aug 2016 23:53

Instrument :

BNA_F

ClientSampleId :

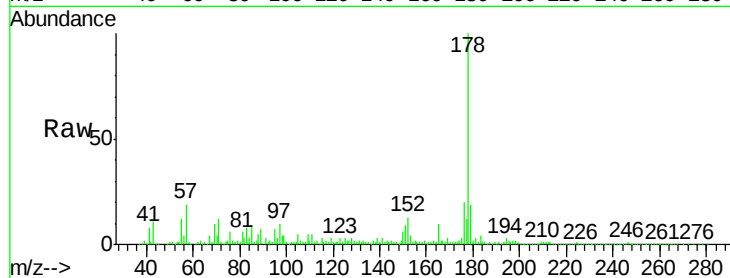
Tot Ion:178 Resp: 1988631

Ion Ratio Lower Upper

178 100

176 20.3 16.4 24.6

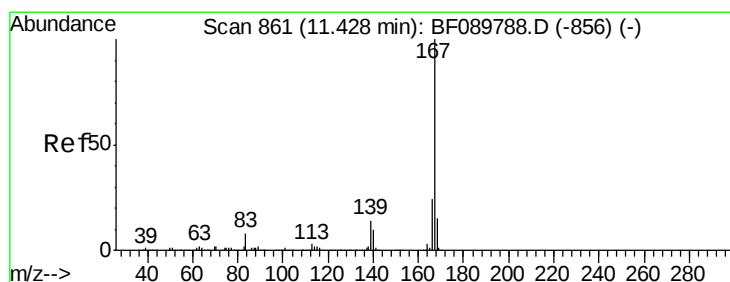
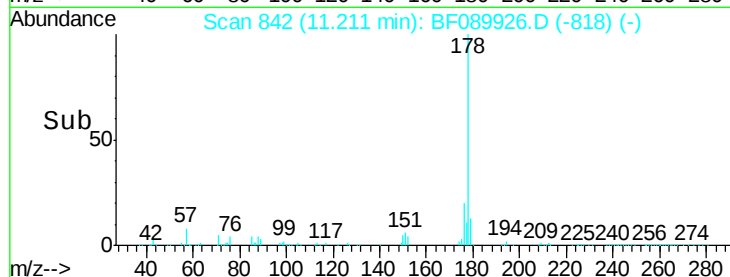
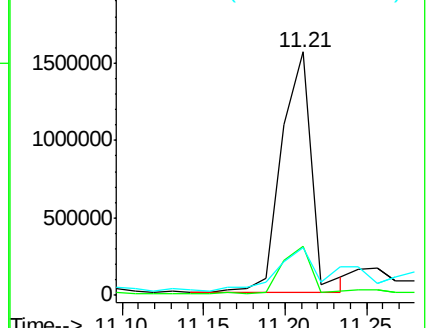
179 19.5 13.1 19.7



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: 5.94 ng

RT: 11.41 min Scan# 859

Delta R.T. 0.01 min

Lab File: BF089926.D

Acq: 26 Aug 2016 23:53

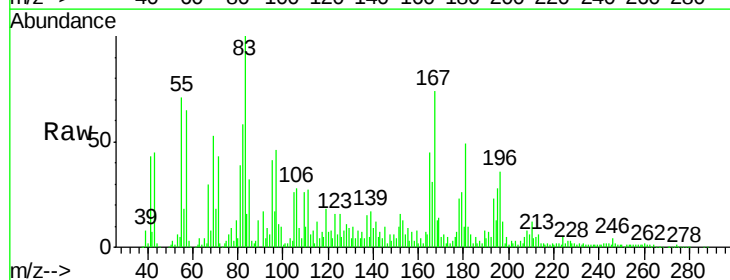
Tgt Ion:167 Resp: 219664

Ion Ratio Lower Upper

167 100

166 42.4 17.9 26.9#

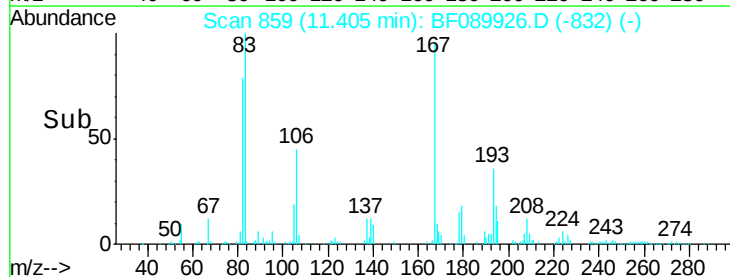
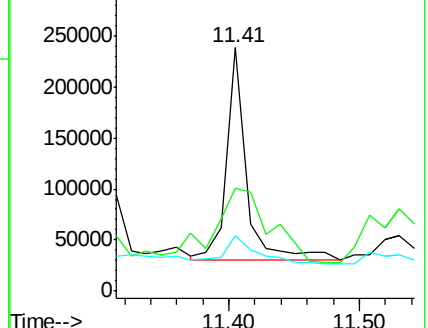
139 22.8 12.4 18.6#

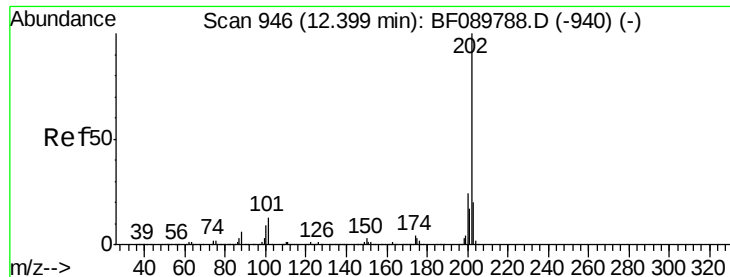


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 2.59 ng

RT: 12.38 min Scan# 944

Delta R.T. 0.01 min

Lab File: BF089926.D

Acq: 26 Aug 2016 23:53

Instrument :

BNA_F

ClientSampleId :

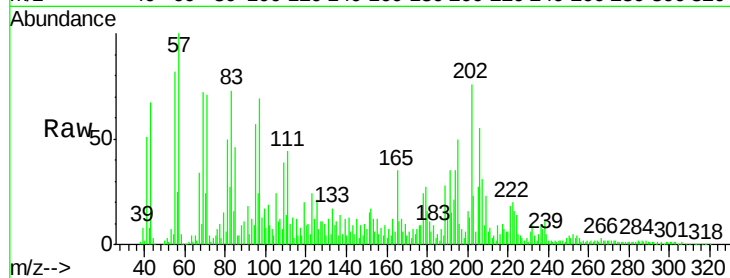
Tot Ion:202 Resp: 99814

Ion Ratio Lower Upper

202 100

101 24.6 0.0 31.2

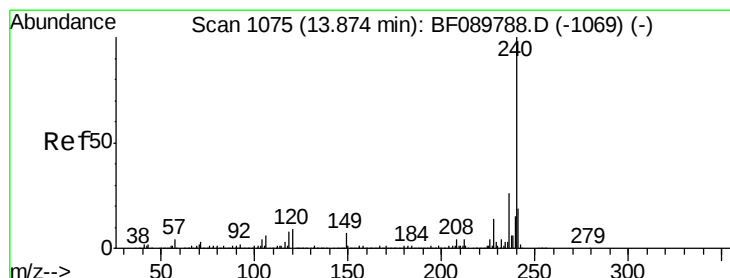
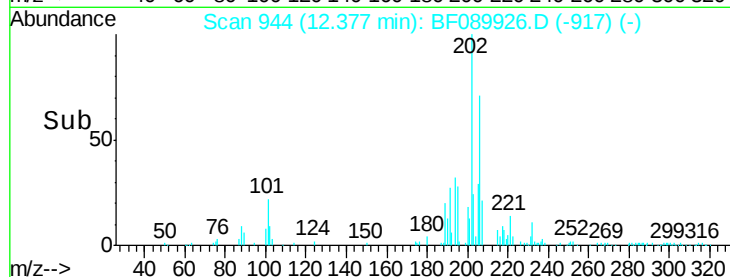
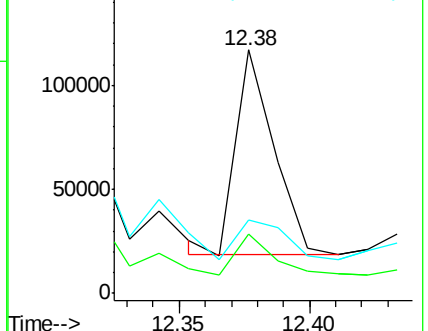
203 30.0 0.0 38.1



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: 13.78 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BF089926.D

Acq: 26 Aug 2016 23:53

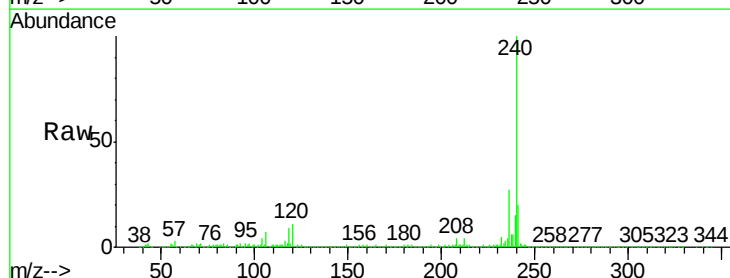
Tgt Ion:240 Resp: 887942

Ion Ratio Lower Upper

240 100

120 10.8 8.3 12.5

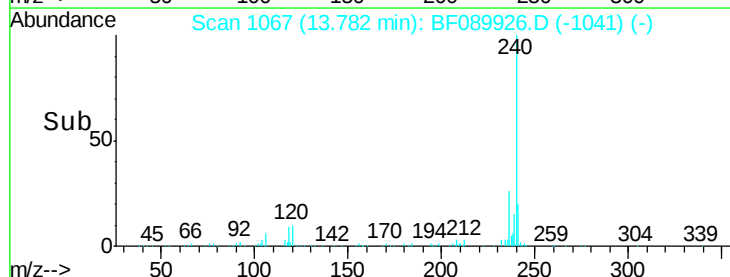
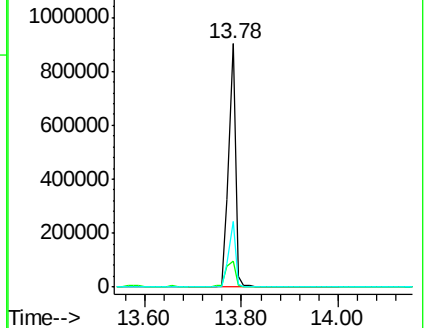
236 26.8 21.3 31.9

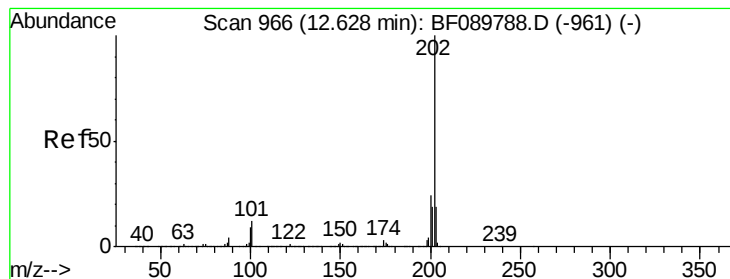


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 8.78 ng

RT: 12.61 min Scan# 964

Delta R.T. 0.02 min

Lab File: BF089926.D

Acq: 26 Aug 2016 23:53

Instrument :

BNA_F

ClientSampleId :

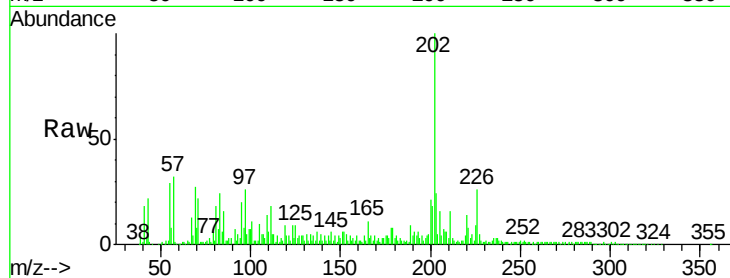
Tot Ion:202 Resp: 634911

Ion Ratio Lower Upper

202 100

200 20.8 17.8 26.6

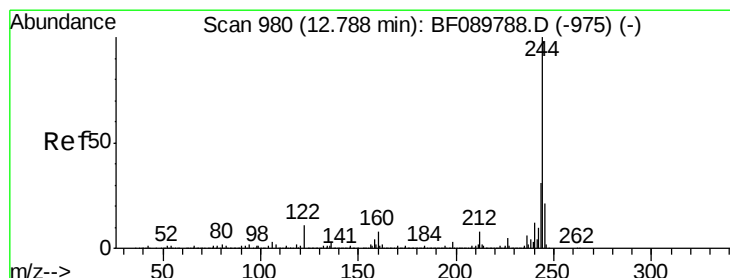
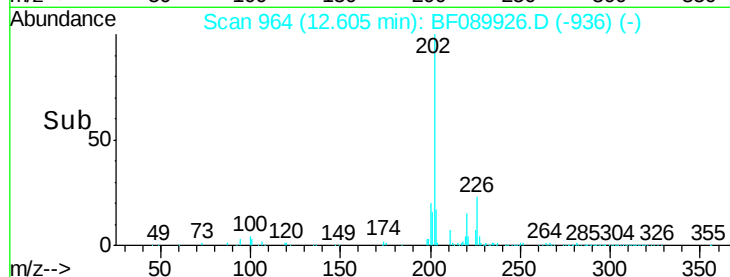
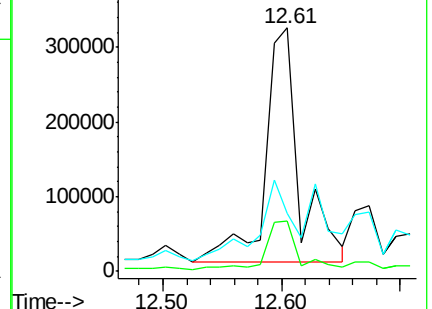
203 23.9 14.2 21.4#



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: 26.28 ng

RT: 12.75 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF089926.D

Acq: 26 Aug 2016 23:53

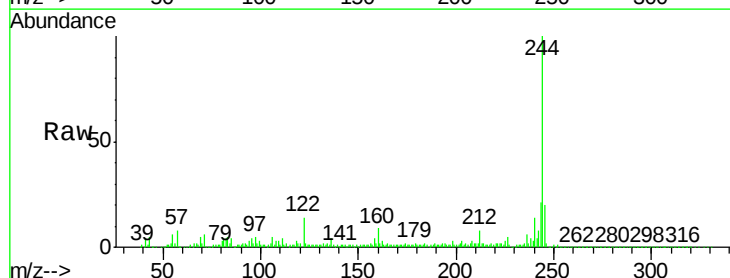
Tgt Ion:244 Resp: 1031611

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

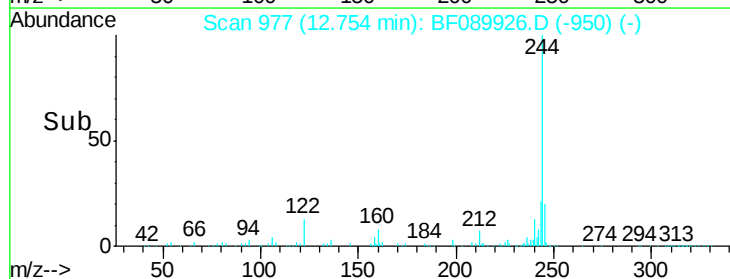
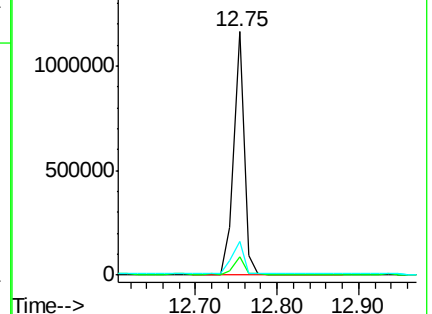
122 13.7 12.0 18.0

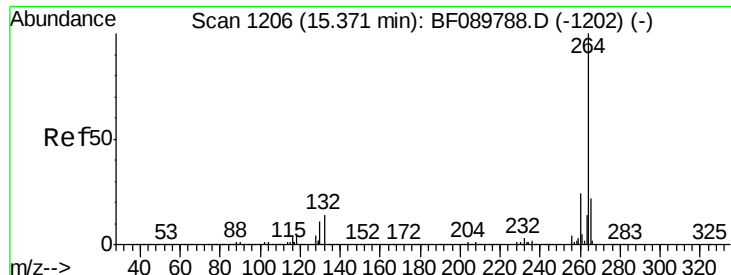


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

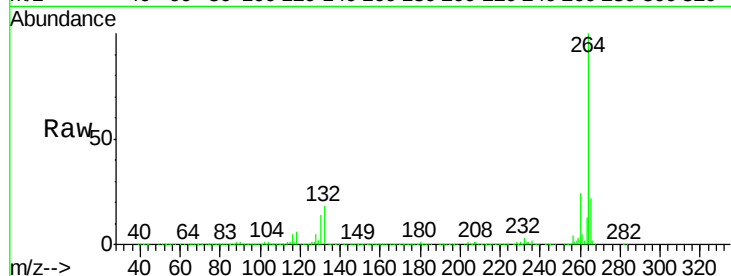




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BF089926.D
 Acq: 26 Aug 2016 23:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.2	30.2
265	21.7	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

