

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
 Data File : BF086101.D
 Acq On : 6 Apr 2016 16:27
 Operator : UM/SJ
 Sample : H2167-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-J3

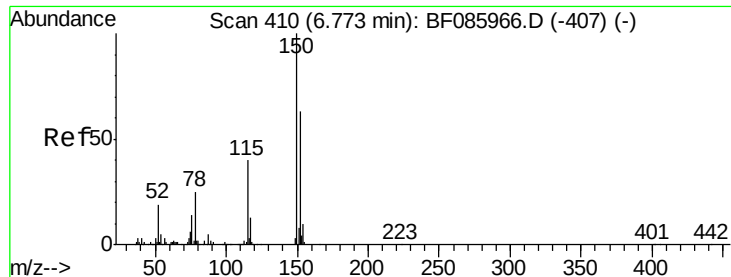
Quant Time: Apr 07 01:08:58 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	137975	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	508434	20.00	ng	-0.03
38) Acenaphthene-d10	9.84	164	102503	20.00	ng	0.02
63) Phenanthrene-d10	11.32	188	183504	20.00	ng	0.02
75) Chrysene-d12	13.91	240	303469	20.00	ng	-0.02
86) Perylene-d12	15.30	264	305289	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	690555	85.55	ng	-0.03
7) Phenol-d6	6.38	99	899460	87.73	ng	-0.03
23) Nitrobenzene-d5	7.31	82	499934	57.99	ng	-0.03
41) 2,4,6-Tribromophenol	10.62	330	120962	125.73	ng	0.02
44) 2-Fluorobiphenyl	9.13	172	525468	85.24	ng	-0.01
78) Terphenyl-d14	12.86	244	557932	43.22	ng	-0.01

Target Compounds						Qvalue
15) Benzyl Alcohol	6.90	79	14001	2.11	ng	# 45
19) n-Nitroso-di-n-propylamine	7.17	70	19125	3.01	ng	# 65
25) Isophorone	7.55	82	50304	2.96	ng	# 1
26) 2-Nitrophenol	7.68	139	10657	2.36	ng	# 1
30) 1,2,4-Trichlorobenzene	7.93	180	19607	2.55	ng	# 38
32) Benzoic acid	7.82	122	13543	2.28	ng	# 19
35) Caprolactam	8.49	113	153860	70.78	ng	# 1
36) 4-Chloro-3-methylphenol	8.58	107	70761	9.19	ng	# 22
42) 2,4,6-Trichlorophenol	9.05	196	15208	7.69	ng	# 13
43) 2,4,5-Trichlorophenol	9.05	196	15208	7.57	ng	# 1
46) 2-Chloronaphthalene	9.39	162	16540	2.58	ng	# 1
47) 2-Nitroaniline	9.52	65	34134	18.21	ng	# 77
48) Acenaphthylene	9.70	152	77998	7.60	ng	# 1
49) Dimethylphthalate	9.53	163	59170	7.79	ng	# 1
50) 2,6-Dinitrotoluene	9.62	165	98590	61.34	ng	# 22
52) 3-Nitroaniline	9.79	138	106330	54.88	ng	# 14
53) 2,4-Dinitrophenol	9.88	184	852	3.43	ng	# 1
55) 4-Nitrophenol	9.97	139	17347	15.19	ng	# 1
56) 2,4-Dinitrotoluene	10.06	165	20994	10.34	ng	# 50
58) 2,3,4,6-Tetrachlorophenol	10.14	232	4239	2.83	ng	# 1
59) Diethylphthalate	10.14	149	35463	4.62	ng	# 2
60) 4-Chlorophenyl-phenylether	10.38	204	7999	2.49	ng	# 1
61) 4-Nitroaniline	10.29	138	96331	50.49	ng	# 73
62) Azobenzene	10.57	77	87763	11.95	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.37	198	14142	12.72	ng	# 1
65) n-Nitrosodiphenylamine	10.51	169	132951	23.17	ng	# 58
66) 4-Bromophenyl-phenylether	10.89	248	13864	7.40	ng	# 1
68) Atrazine	11.00	200	8652	4.67	ng	# 1
72) Carbazole	11.52	167	28436	3.15	ng	# 1
73) Di-n-butylphthalate	11.86	149	42112	3.77	ng	# 28
74) Fluoranthene	12.46	202	23164	2.22	ng	# 1

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

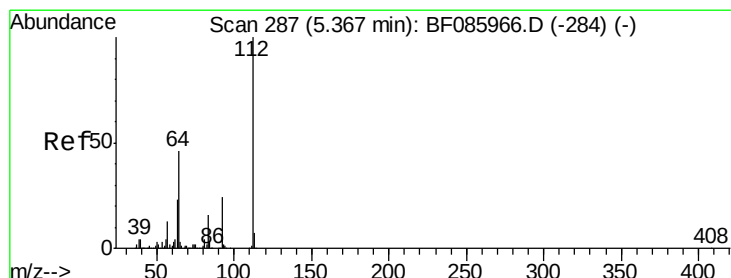
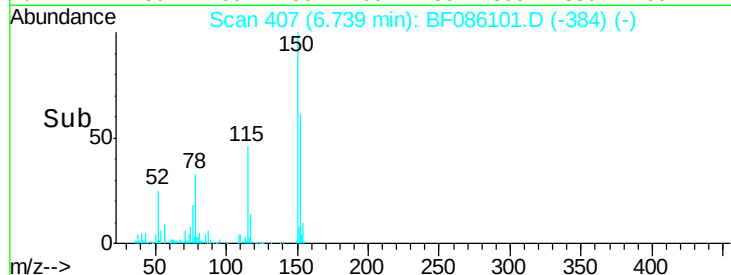
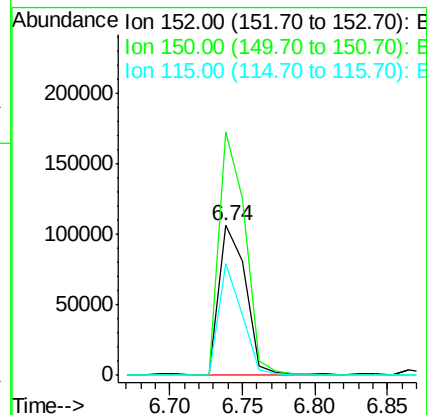
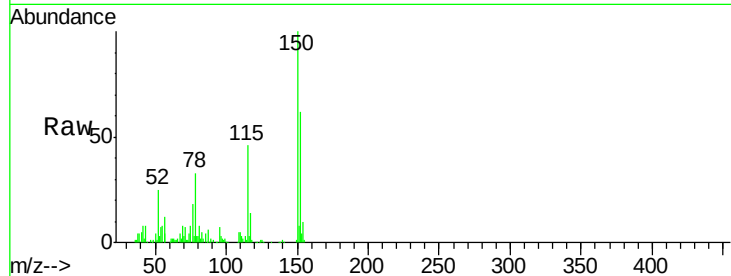


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF086101.D
Acq: 6 Apr 2016 16:27

Instrument :
BNA_F
ClientSampleId :
GRID-J3

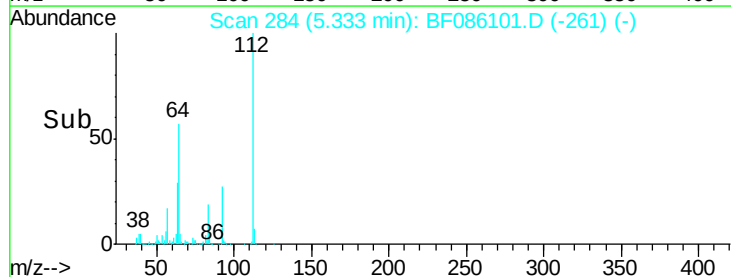
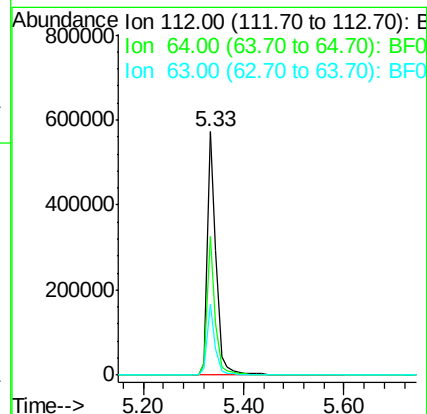
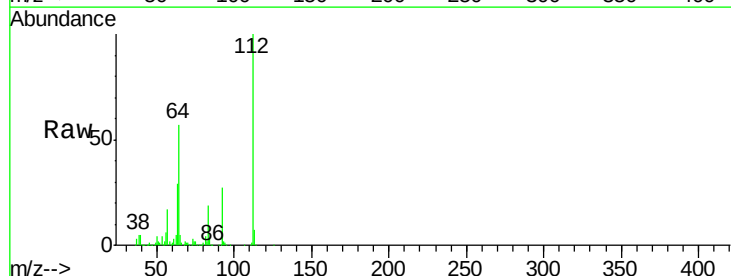
Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.2	124.2	186.2
115	74.2	47.0	70.6

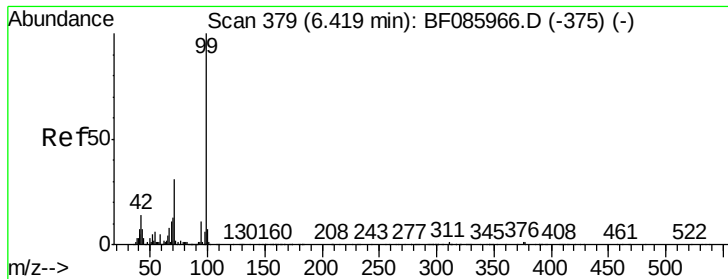


#5

2-Fluorophenol
Concen: 85.55 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.03 min
Lab File: BF086101.D
Acq: 6 Apr 2016 16:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	39.9	59.9
63	29.2	20.2	30.2





#7

Phenol-d6

Concen: 87.73 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086101.D

Acq: 6 Apr 2016 16:27

Instrument :

BNA_F

ClientSampleId :

GRID-J3

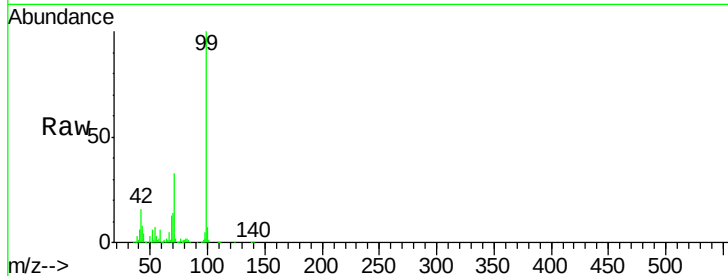
Tgt Ion: 99 Resp: 899460

Ion Ratio Lower Upper

99 100

42 16.1 11.1 16.7

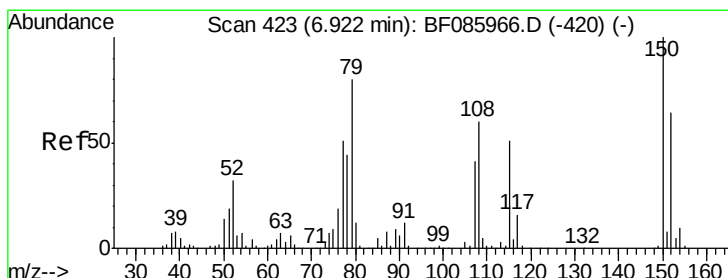
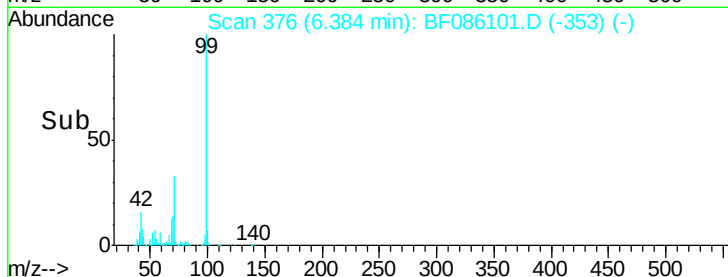
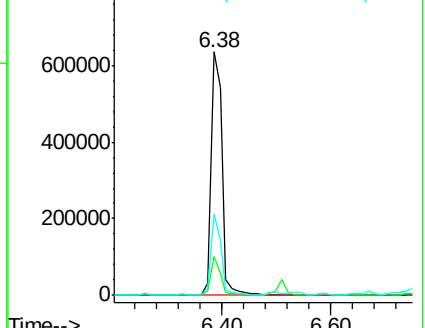
71 33.5 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#15

Benzyl Alcohol

Concen: 2.11 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF086101.D

Acq: 6 Apr 2016 16:27

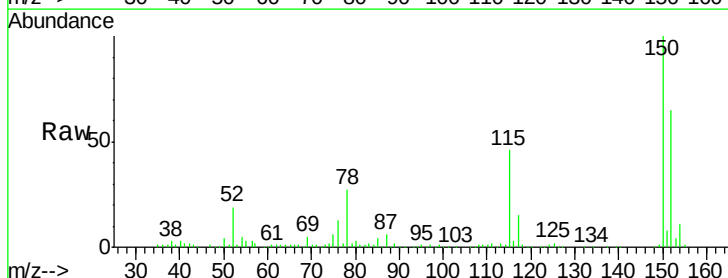
Tgt Ion: 79 Resp: 14001

Ion Ratio Lower Upper

79 100

108 32.7 61.8 92.6#

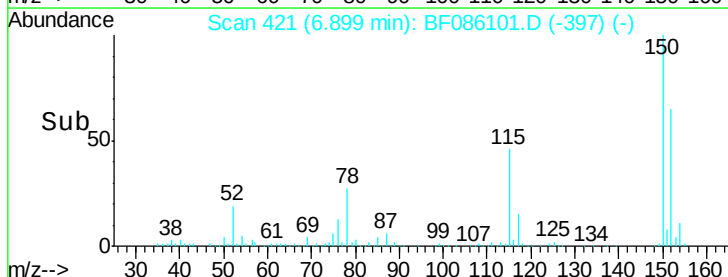
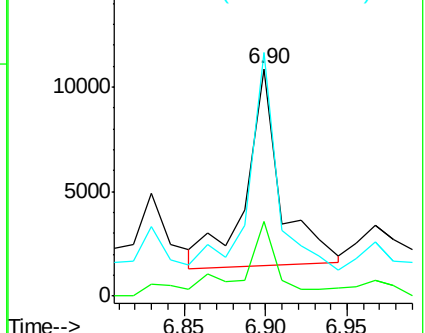
77 107.2 49.6 74.4#

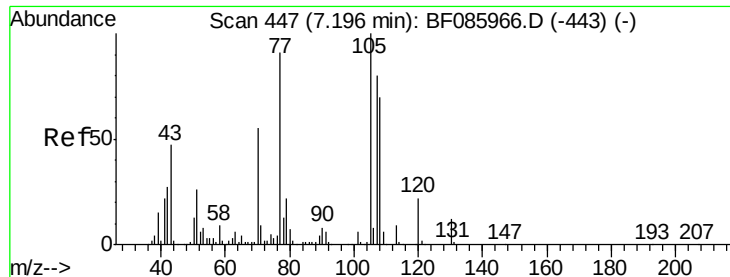


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

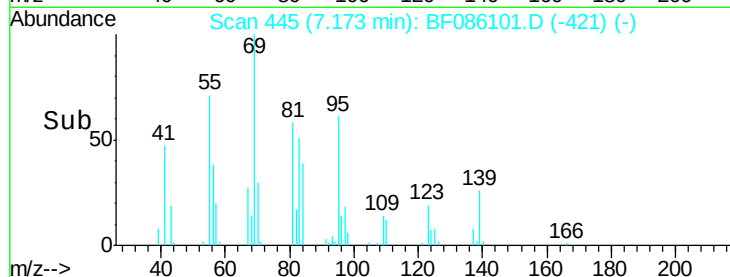
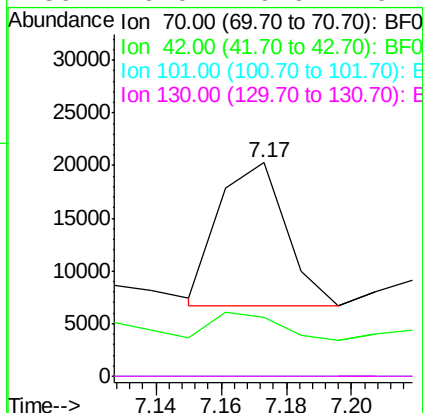
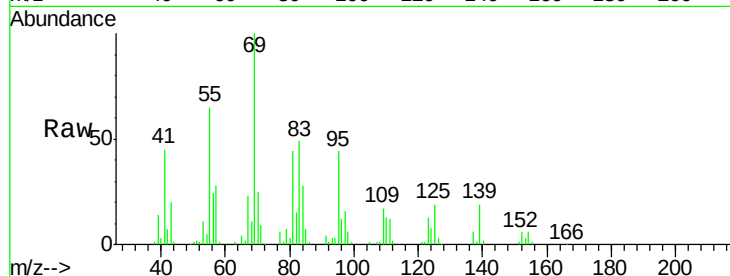




#19
n-Nitroso-di-n-propylamine
Concen: 3.01 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF086101.D
Acq: 6 Apr 2016 16:27

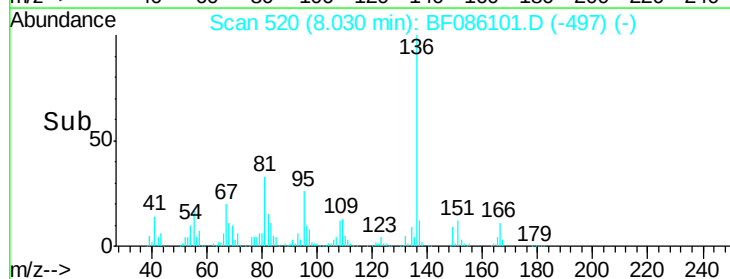
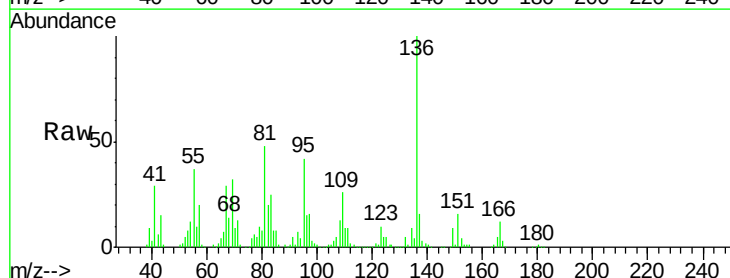
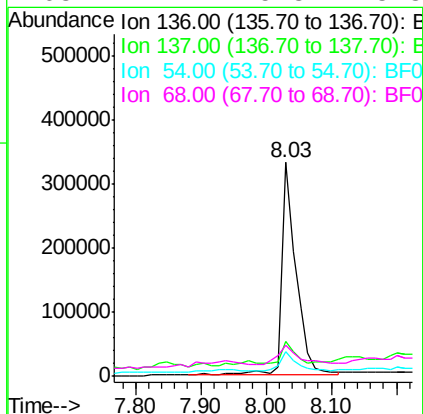
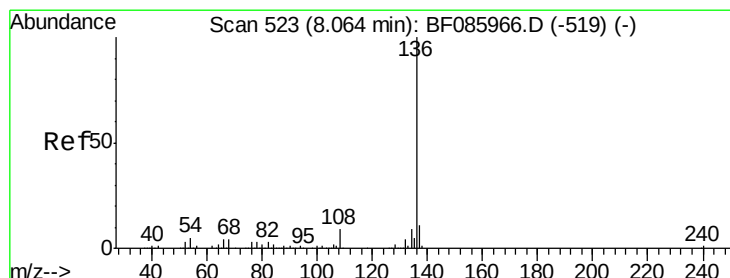
Instrument :
BNA_F
ClientSampleId :
GRID-J3

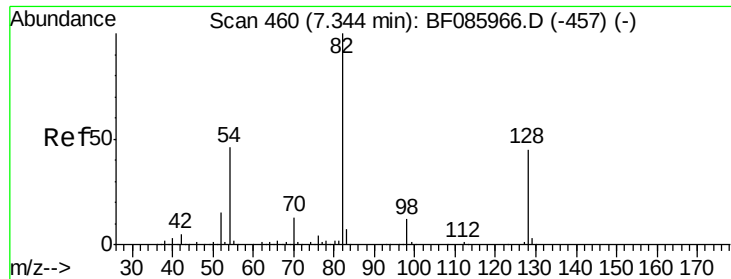
Tgt Ion:	70	Resp:	19125
Ion	Ratio	Lower	Upper
70	100		
42	27.5	37.1	55.7#
101	0.0	8.6	12.8#
130	0.0	19.6	29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF086101.D
Acq: 6 Apr 2016 16:27

Tgt Ion:	136	Resp:	508434
Ion	Ratio	Lower	Upper
136	100		
137	16.5	9.1	13.7#
54	11.5	7.4	11.0#
68	14.4	5.8	8.8#

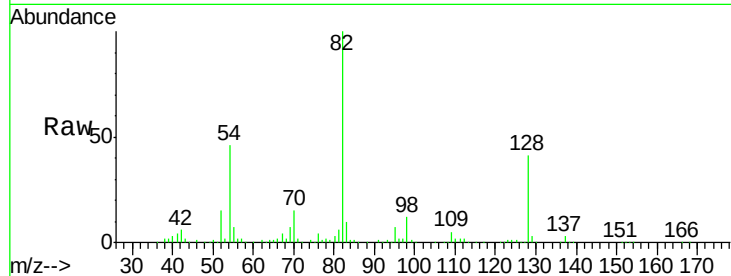




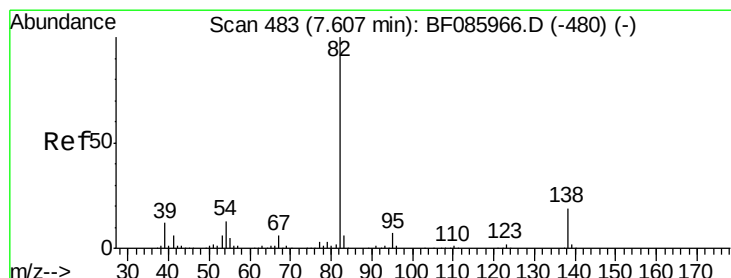
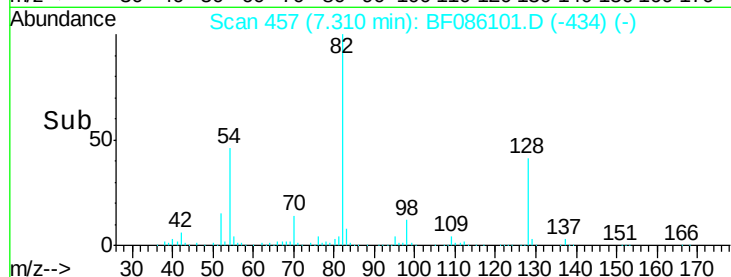
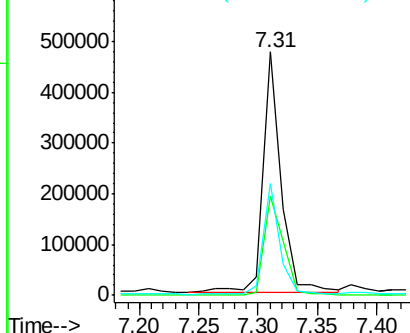
#23
 Nitrobenzene-d5
 Concen: 57.99 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF086101.D
 Acq: 6 Apr 2016 16:27

Instrument :
 BNA_F
 ClientSampleId :
 GRID-J3

Tgt Ion: 82 Resp: 499934
 Ion Ratio Lower Upper
 82 100
 128 40.8 41.8 62.8#
 54 46.1 33.4 50.0

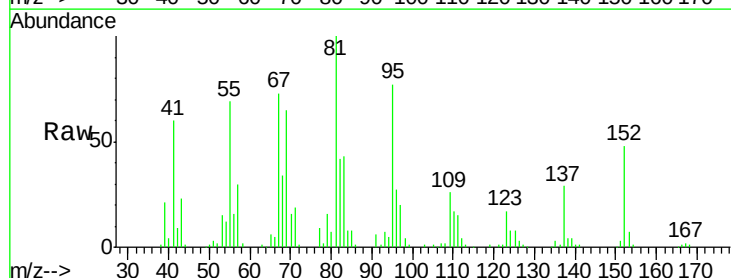


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

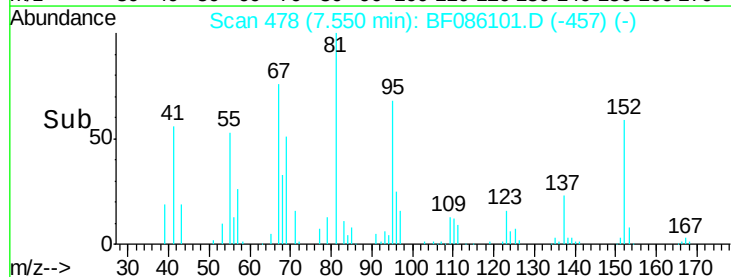
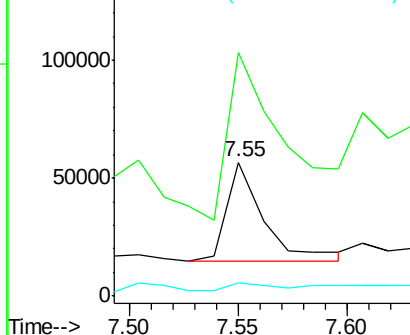


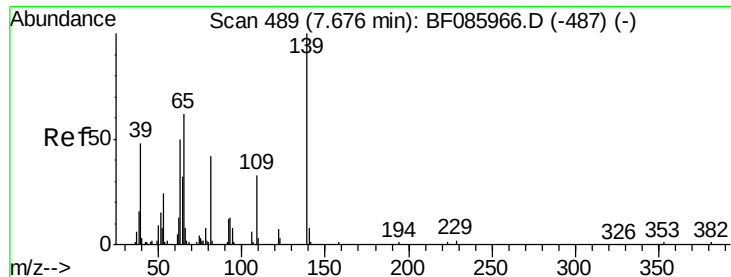
#25
 Isophorone
 Concen: 2.96 ng
 RT: 7.55 min Scan# 478
 Delta R.T. -0.06 min
 Lab File: BF086101.D
 Acq: 6 Apr 2016 16:27

Tgt Ion: 82 Resp: 50304
 Ion Ratio Lower Upper
 82 100
 95 181.6 5.4 8.2#
 138 10.2 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

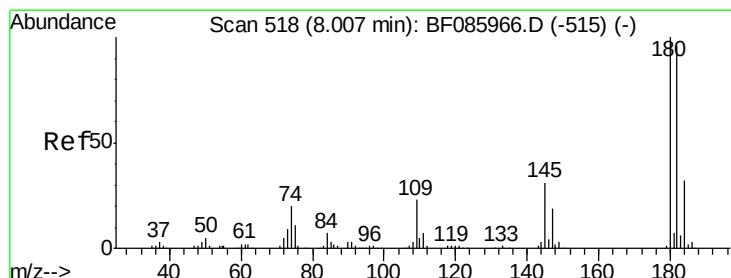
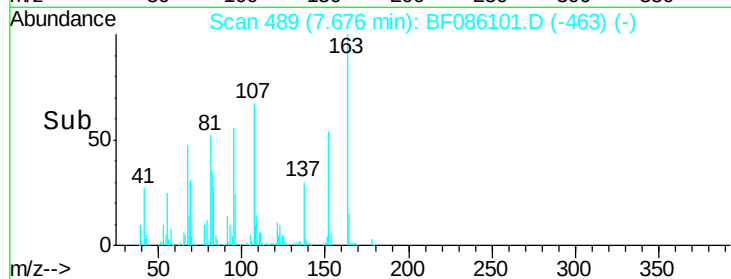
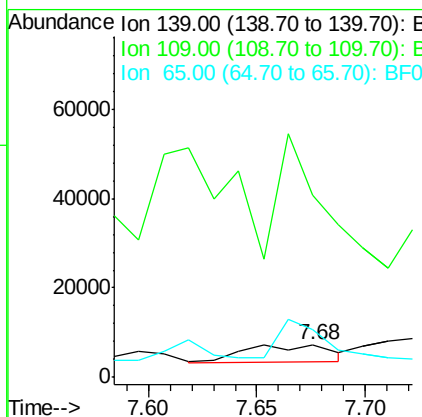
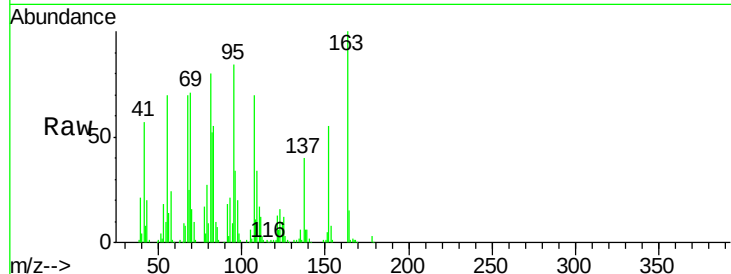




#26
2-Nitrophenol
Concen: 2.36 ng
RT: 7.68 min Scan# 489
Delta R.T. -0.00 min
Lab File: BF086101.D
Acq: 6 Apr 2016 16:27

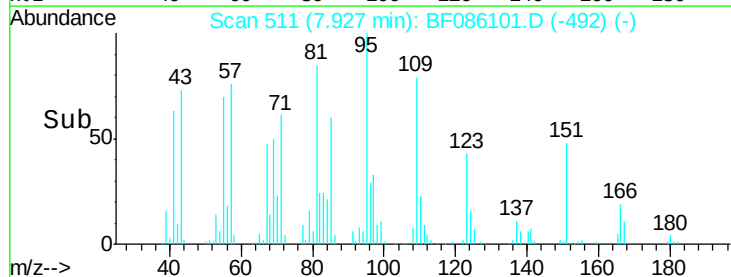
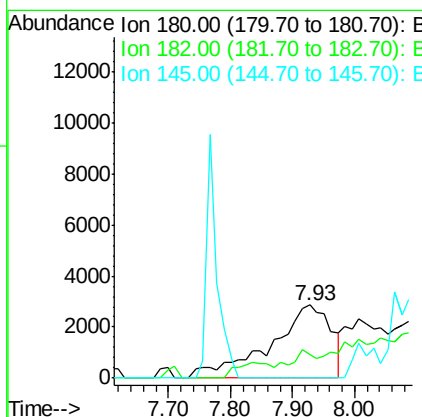
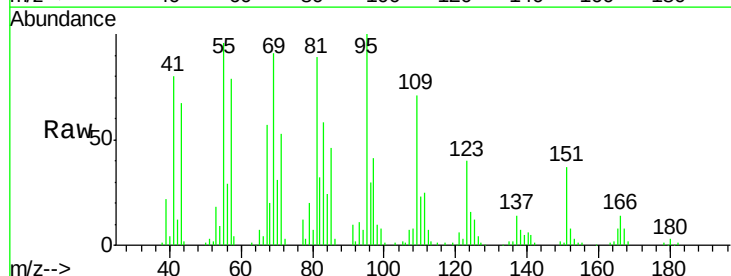
Instrument :
BNA_F
ClientSampleId :
GRID-J3

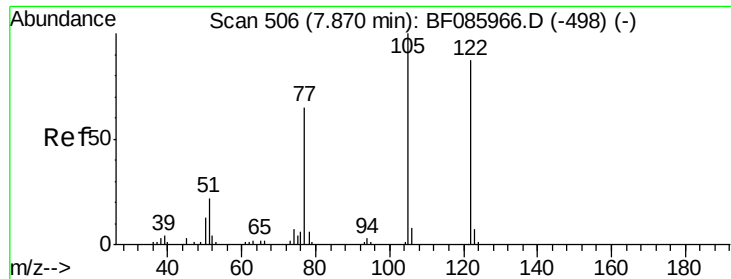
Tgt Ion	Ratio	Lower	Upper
139	100		
109	557.5	22.1	33.1#
65	146.2	33.9	50.9#



#30
1,2,4-Trichlorobenzene
Concen: 2.55 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.08 min
Lab File: BF086101.D
Acq: 6 Apr 2016 16:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	32.3	73.8	110.8#
145	0.0	28.4	42.6#





#32

Benzoic acid

Concen: 2.28 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.05 min

Lab File: BF086101.D

Acq: 6 Apr 2016 16:27

Instrument :

BNA_F

ClientSampleId :

GRID-J3

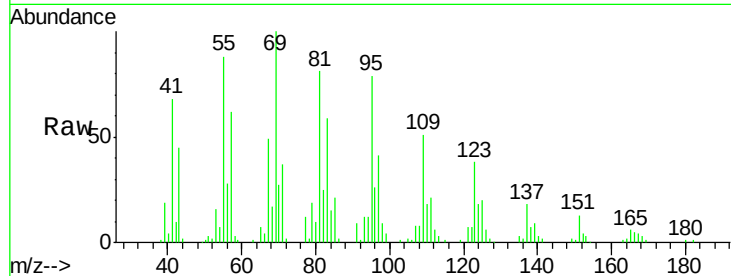
Tgt Ion:122 Resp: 13543

Ion Ratio Lower Upper

122 100

105 29.7 102.9 142.9#

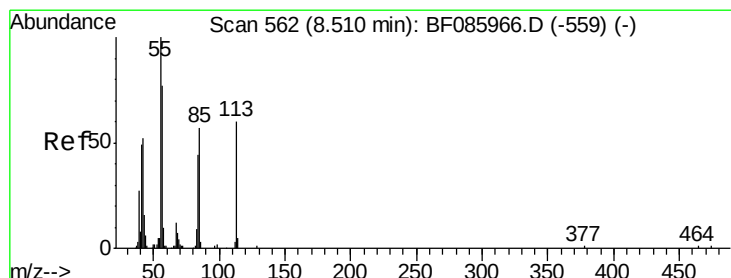
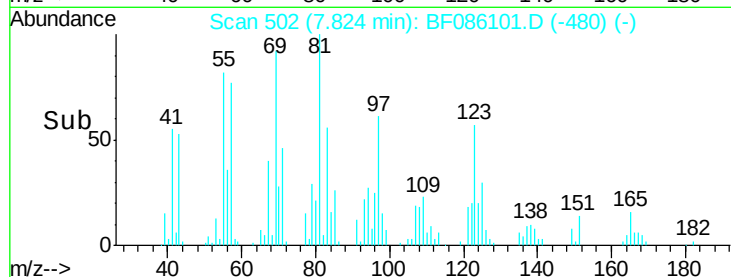
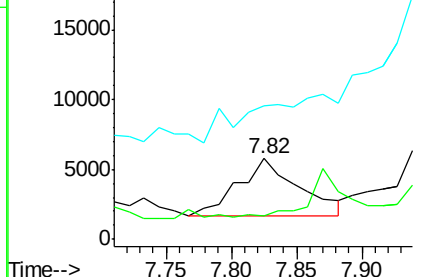
77 166.2 71.8 111.8#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#35

Caprolactam

Concen: 70.78 ng

RT: 8.49 min Scan# 560

Delta R.T. -0.02 min

Lab File: BF086101.D

Acq: 6 Apr 2016 16:27

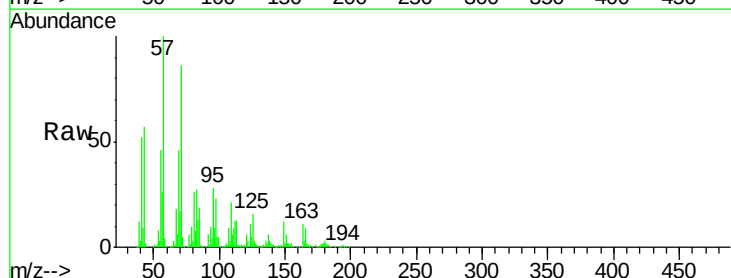
Tgt Ion:113 Resp: 153860

Ion Ratio Lower Upper

113 100

55 356.6 139.4 179.4#

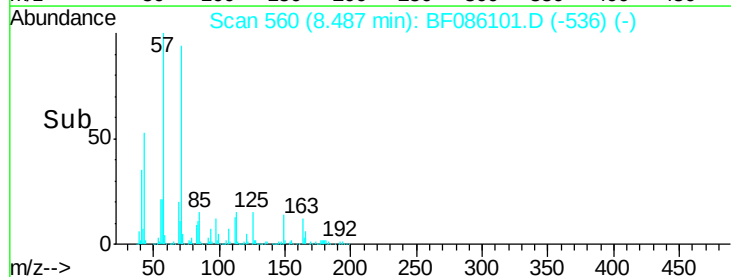
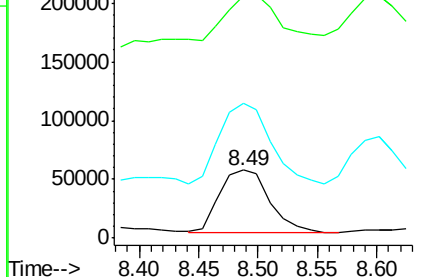
56 198.3 100.4 140.4#

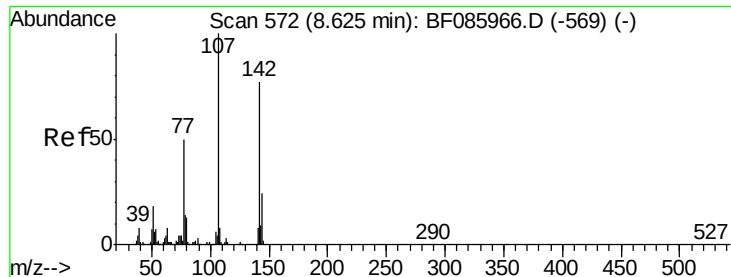


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

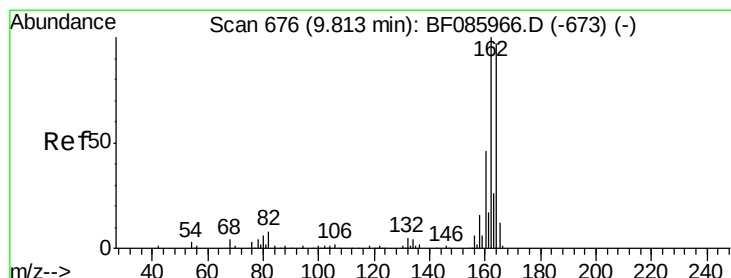
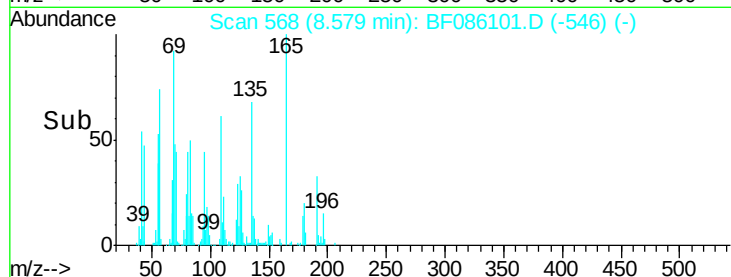
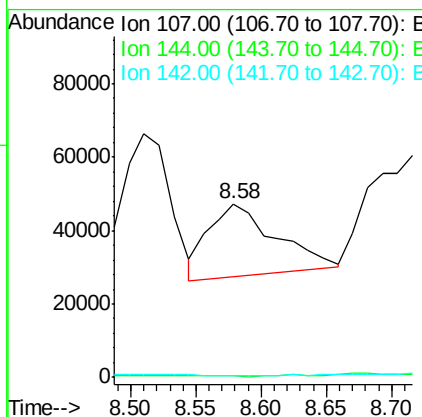
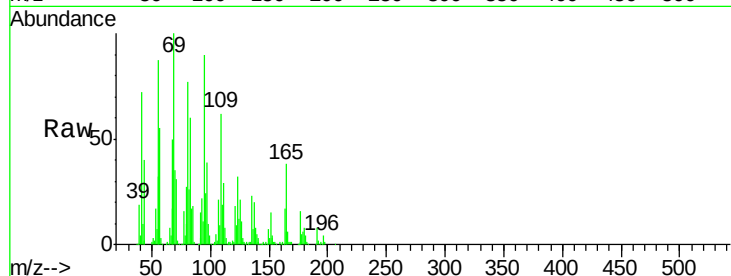




#36
 4-Chloro-3-methylphenol
 Concen: 9.19 ng
 RT: 8.58 min Scan# 568
 Delta R.T. -0.05 min
 Lab File: BF086101.D
 Acq: 6 Apr 2016 16:27

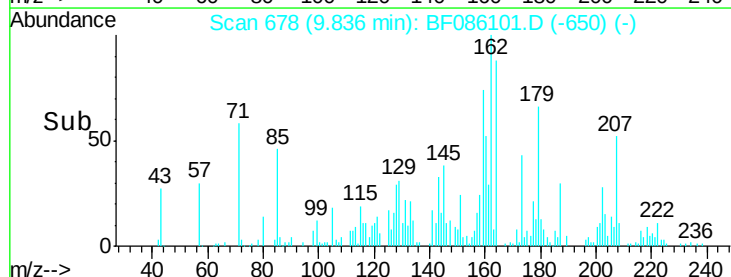
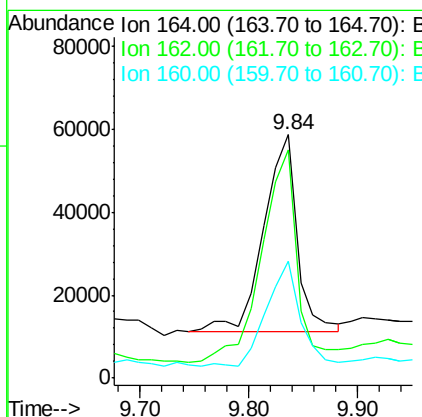
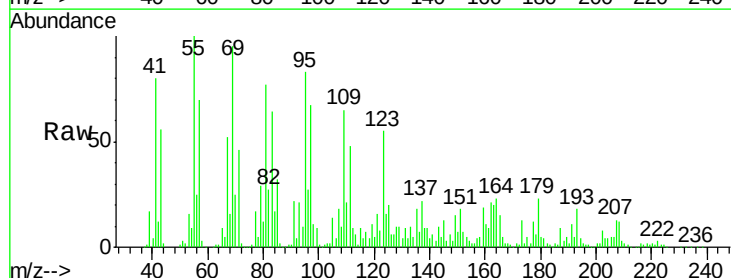
Instrument :
 BNA_F
 ClientSampleId :
 GRID-J3

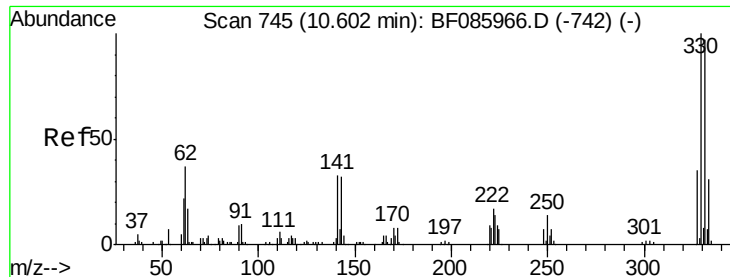
Tgt Ion:107 Resp: 70761
 Ion Ratio Lower Upper
 107 100
 144 0.6 19.3 28.9#
 142 0.8 61.4 92.0#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.02 min
 Lab File: BF086101.D
 Acq: 6 Apr 2016 16:27

Tgt Ion:164 Resp: 102503
 Ion Ratio Lower Upper
 164 100
 162 93.9 82.1 123.1
 160 48.2 37.4 56.2

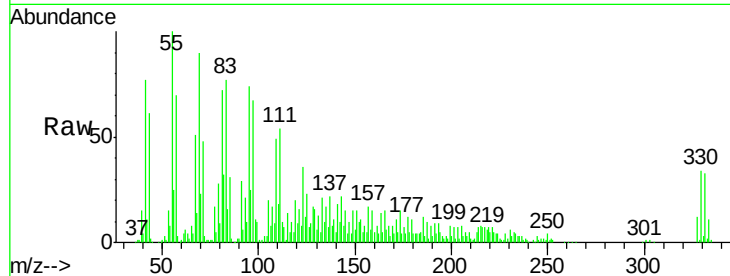




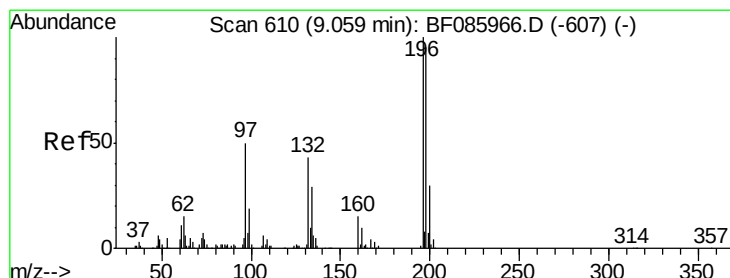
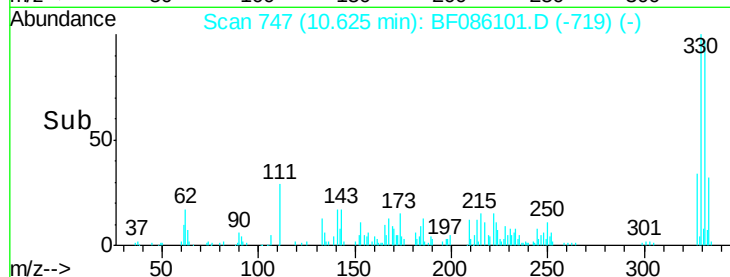
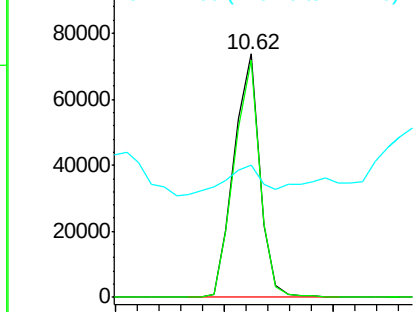
#41
 2,4,6-Tribromophenol
 Concen: 125.73 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.02 min
 Lab File: BF086101.D
 Acq: 6 Apr 2016 16:27

Instrument :
 BNA_F
 ClientSampled :
 GRID-J3

Tgt Ion:330 Resp: 120962
 Ion Ratio Lower Upper
 330 100
 332 96.7 78.2 117.2
 141 17.1 31.5 47.3#

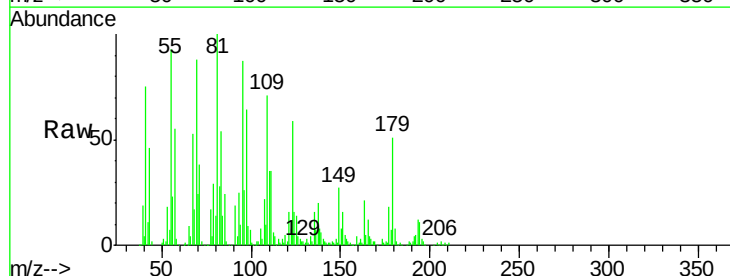


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

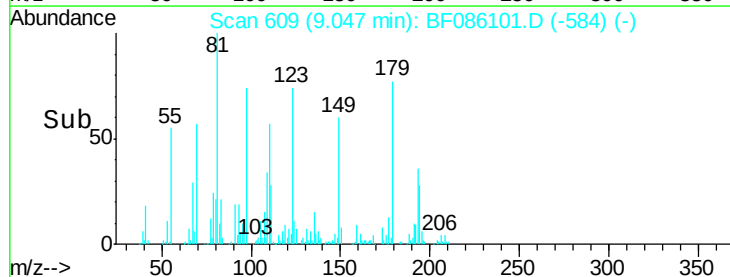
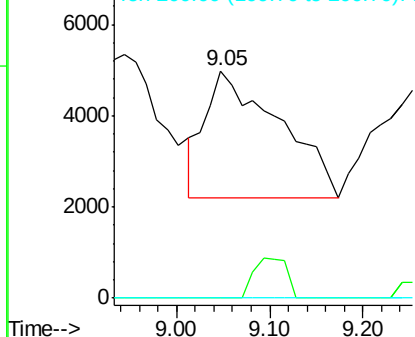


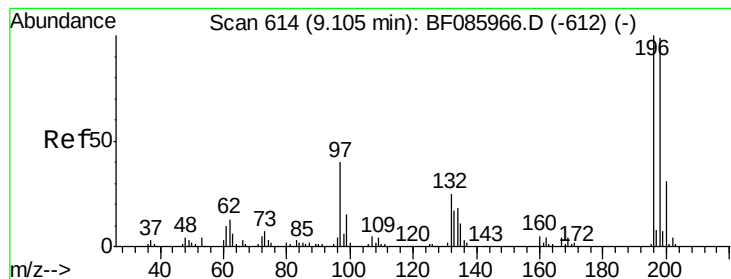
#42
 2,4,6-Trichlorophenol
 Concen: 7.69 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF086101.D
 Acq: 6 Apr 2016 16:27

Tgt Ion:196 Resp: 15208
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.3 112.9#
 200 0.0 23.7 35.5#



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43

2,4,5-Trichlorophenol

Concen: 7.57 ng

RT: 9.05 min Scan# 609

Delta R.T. -0.06 min

Lab File: BF086101.D

Acq: 6 Apr 2016 16:27

Instrument :

BNA_F

ClientSampled :

GRID-J3

Tgt Ion:196 Resp: 15208

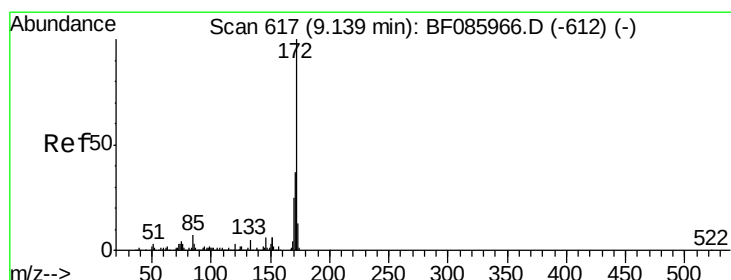
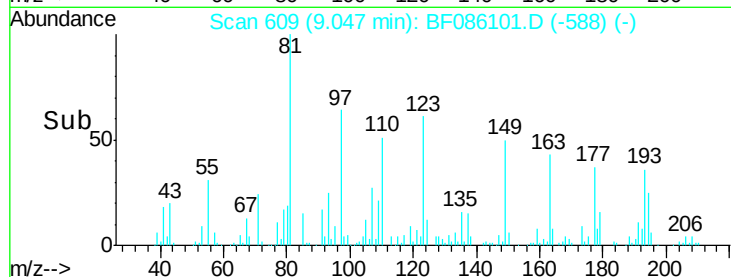
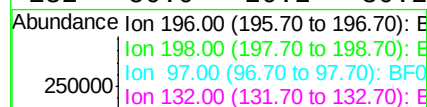
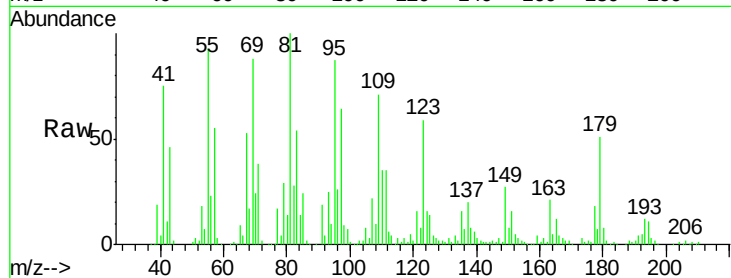
Ion Ratio Lower Upper

196 100

198 0.0 76.6 114.8#

97 3352.3 30.5 45.7#

132 50.9 20.2 30.2#



#44

2-Fluorobiphenyl

Concen: 85.24 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.01 min

Lab File: BF086101.D

Acq: 6 Apr 2016 16:27

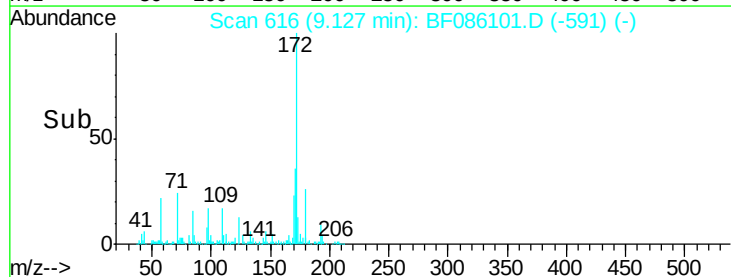
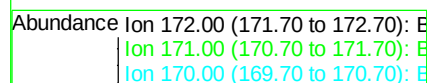
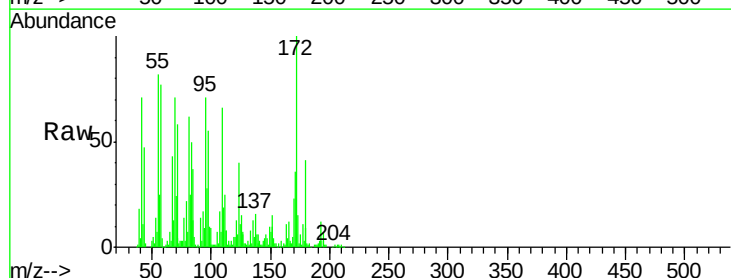
Tgt Ion:172 Resp: 525468

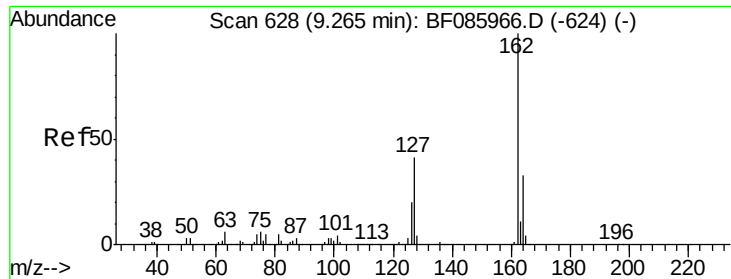
Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.2

170 23.2 19.8 29.6

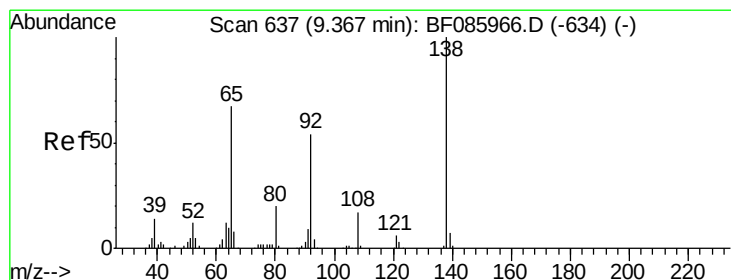
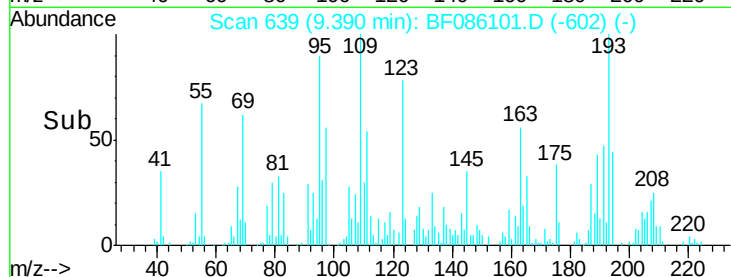
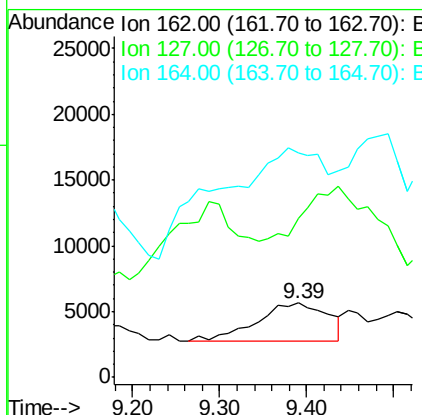
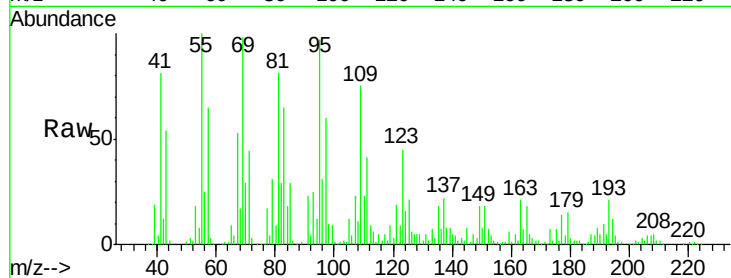




#46
 2-Chloronaphthalene
 Concen: 2.58 ng
 RT: 9.39 min Scan# 639
 Delta R.T. 0.13 min
 Lab File: BF086101.D
 Acq: 6 Apr 2016 16:27

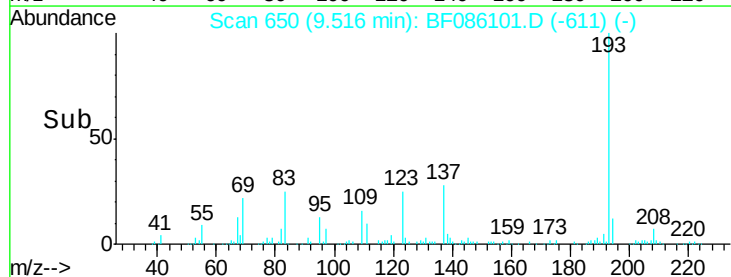
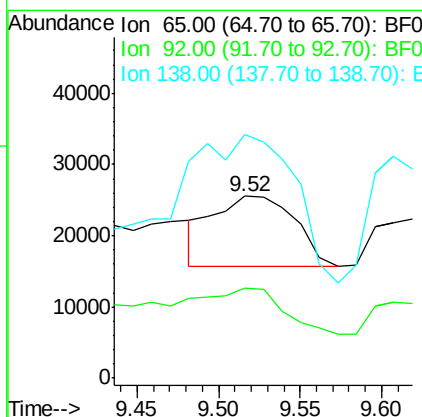
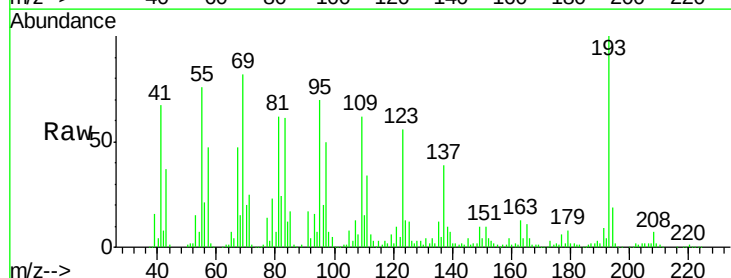
Instrument :
 BNA_F
 ClientSampled :
 GRID-J3

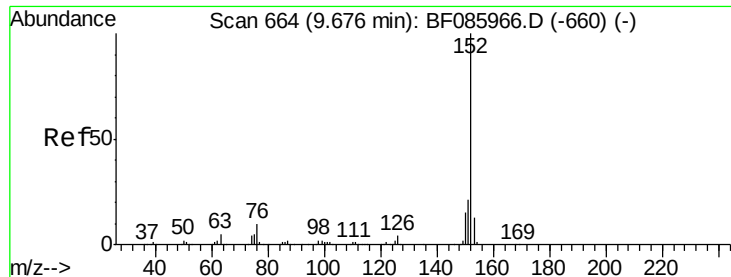
Tgt Ion: 162 Resp: 16540
 Ion Ratio Lower Upper
 162 100
 127 213.9 31.7 47.5#
 164 301.3 27.3 40.9#



#47
 2-Nitroaniline
 Concen: 18.21 ng
 RT: 9.52 min Scan# 650
 Delta R.T. 0.15 min
 Lab File: BF086101.D
 Acq: 6 Apr 2016 16:27

Tgt Ion: 65 Resp: 34134
 Ion Ratio Lower Upper
 65 100
 92 49.5 59.7 89.5#
 138 133.8 91.4 137.0





#48

Acenaphthylene

Concen: 7.60 ng

RT: 9.70 min Scan# 666

Delta R.T. 0.02 min

Lab File: BF086101.D

Acq: 6 Apr 2016 16:27

Instrument :

BNA_F

ClientSampleId :

GRID-J3

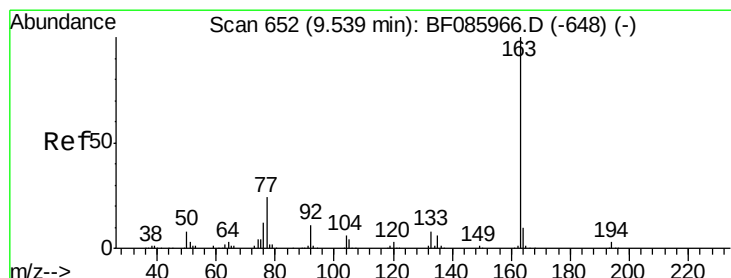
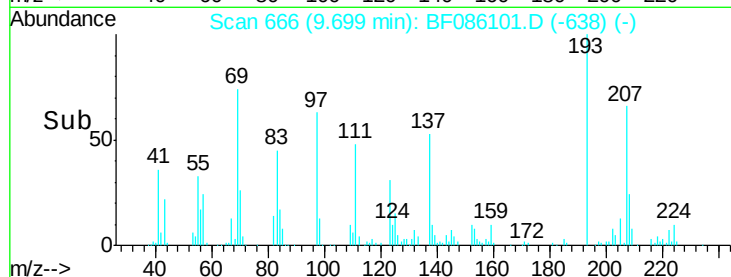
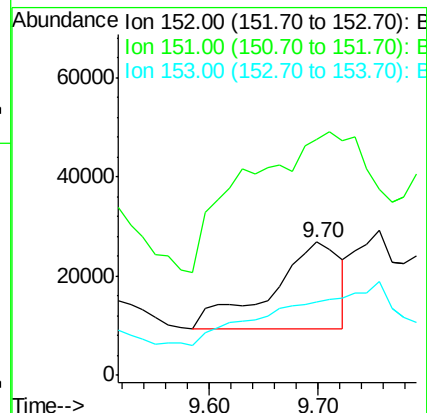
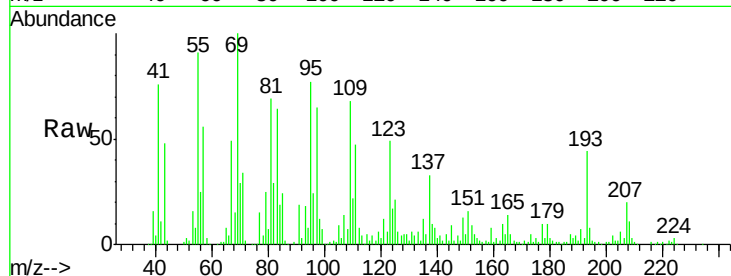
Tgt Ion:152 Resp: 77998

Ion Ratio Lower Upper

152 100

151 177.4 16.8 25.2#

153 55.6 10.9 16.3#



#49

Dimethylphthalate

Concen: 7.79 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.01 min

Lab File: BF086101.D

Acq: 6 Apr 2016 16:27

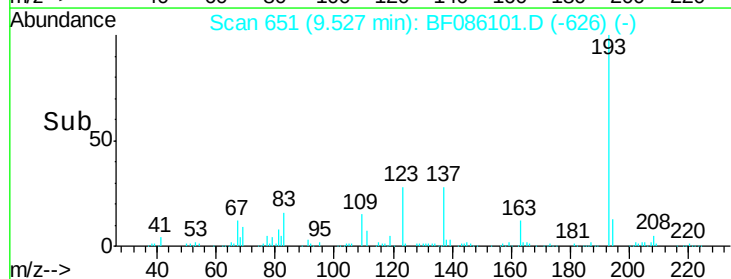
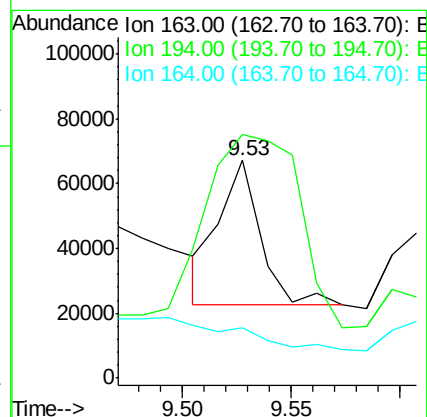
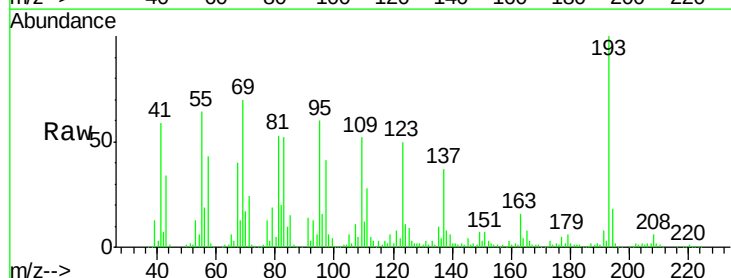
Tgt Ion:163 Resp: 59170

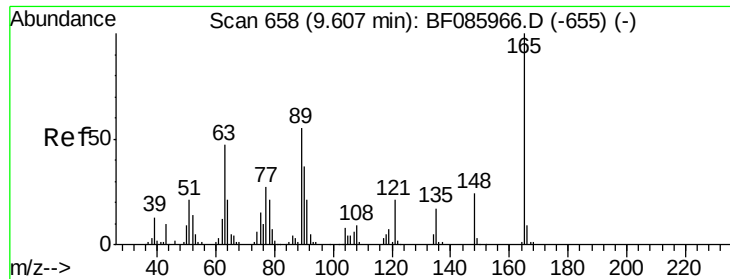
Ion Ratio Lower Upper

163 100

194 111.8 2.9 4.3#

164 23.4 8.3 12.5#

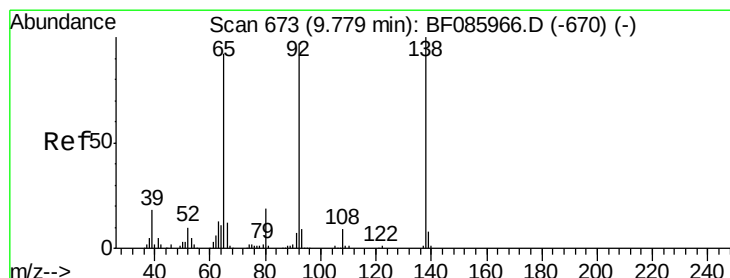
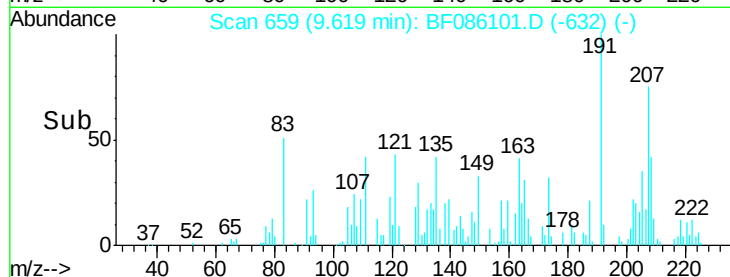
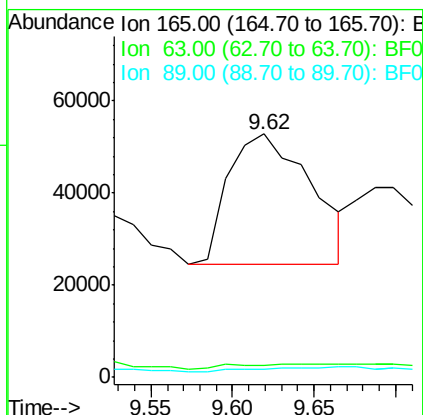
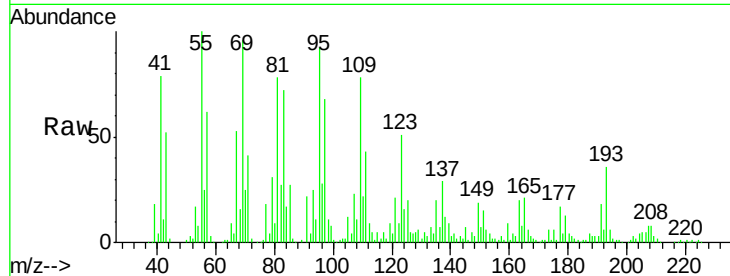




#50
 2,6-Dinitrotoluene
 Concen: 61.34 ng
 RT: 9.62 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: BF086101.D
 Acq: 6 Apr 2016 16:27

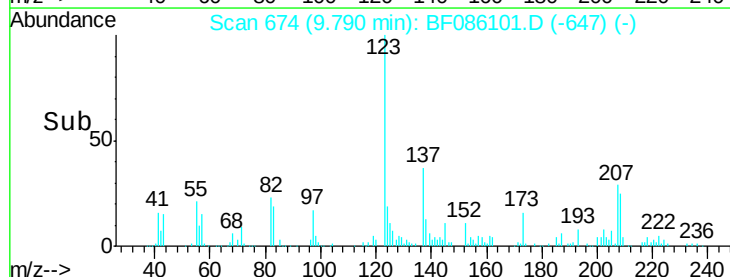
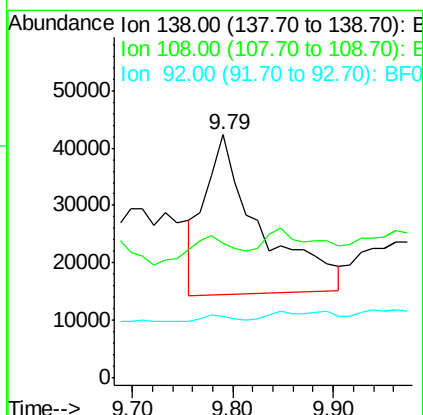
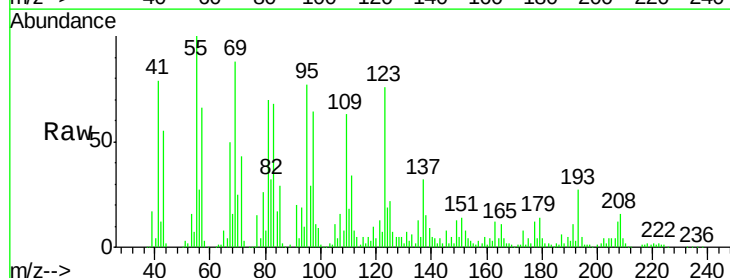
Instrument :
 BNA_F
 ClientSampleId :
 GRID-J3

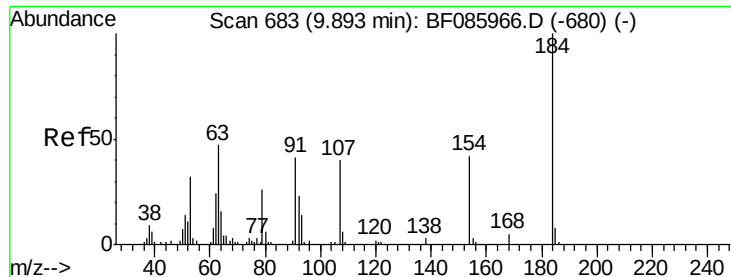
Tgt Ion:165 Resp: 98590
 Ion Ratio Lower Upper
 165 100
 63 5.0 51.8 77.8#
 89 3.4 53.7 80.5#



#52
 3-Nitroaniline
 Concen: 54.88 ng
 RT: 9.79 min Scan# 674
 Delta R.T. 0.01 min
 Lab File: BF086101.D
 Acq: 6 Apr 2016 16:27

Tgt Ion:138 Resp: 106330
 Ion Ratio Lower Upper
 138 100
 108 55.4 8.7 13.1#
 92 25.5 93.3 139.9#

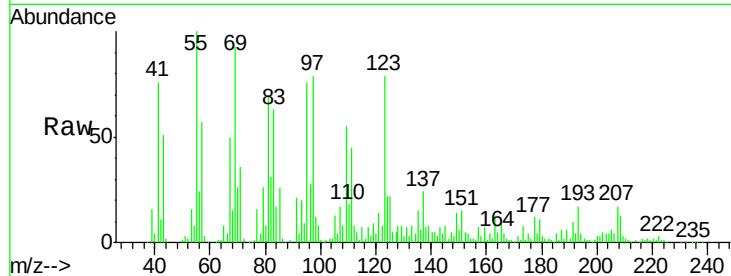




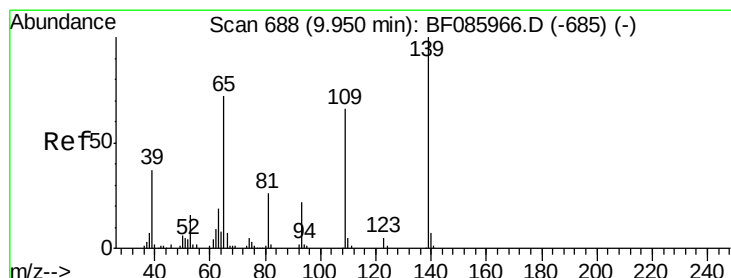
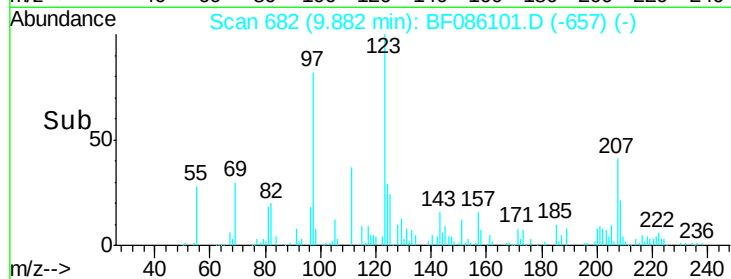
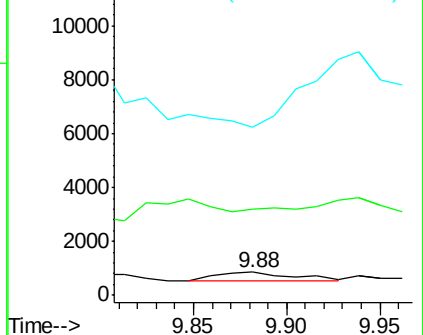
#53
2,4-Dinitrophenol
Concen: 3.43 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF086101.D
Acq: 6 Apr 2016 16:27

Instrument :
BNA_F
ClientSampleId :
GRID-J3

Tgt Ion:184 Resp: 852
Ion Ratio Lower Upper
184 100
63 375.5 69.5 104.3#
154 734.7 58.3 87.5#

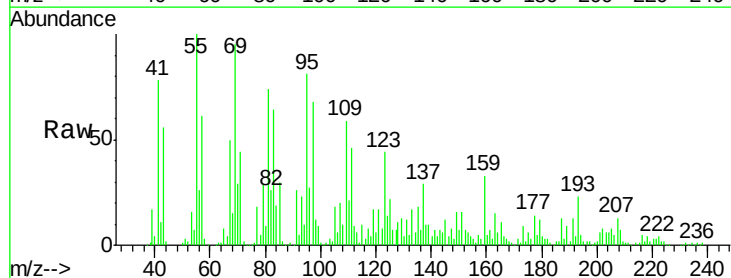


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

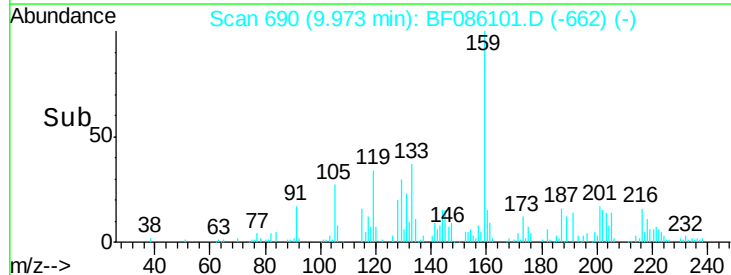
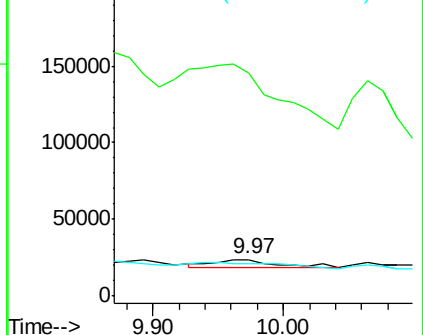


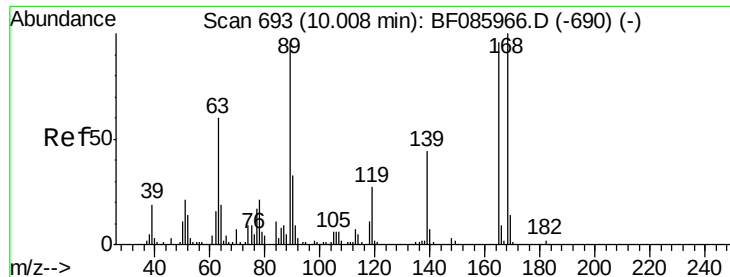
#55
4-Nitrophenol
Concen: 15.19 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.02 min
Lab File: BF086101.D
Acq: 6 Apr 2016 16:27

Tgt Ion:139 Resp: 17347
Ion Ratio Lower Upper
139 100
109 611.5 49.2 89.2#
65 88.2 66.9 106.9



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

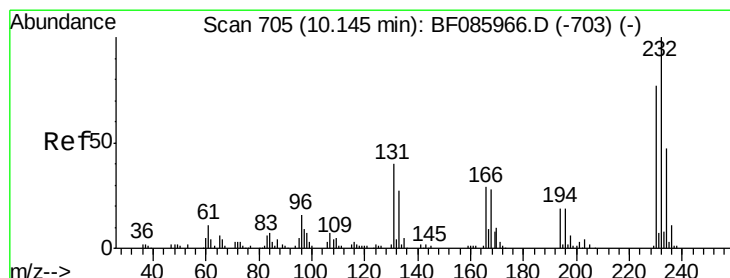
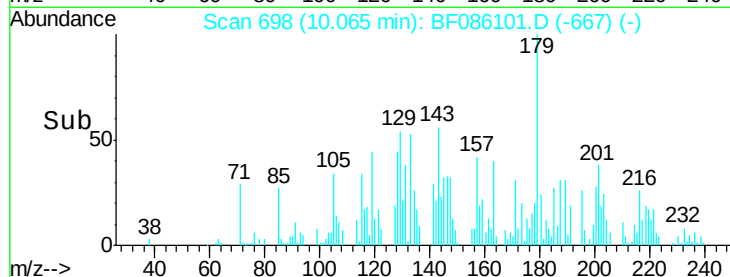
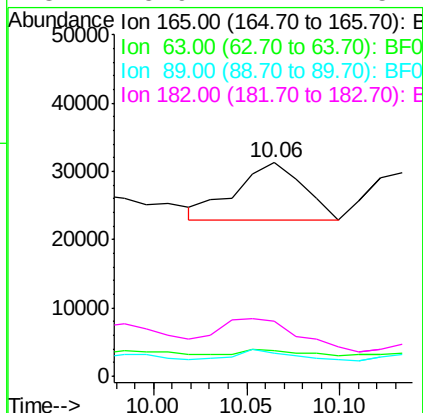
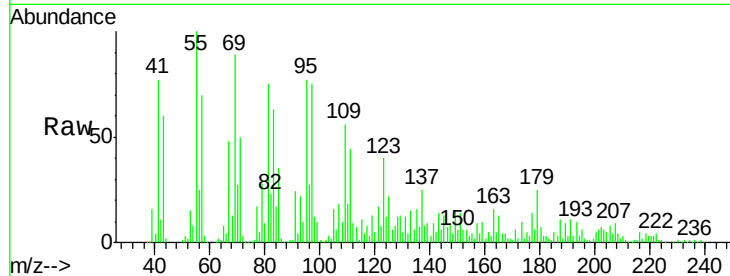




#56
2,4-Dinitrotoluene
Concen: 10.34 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.06 min
Lab File: BF086101.D
Acq: 6 Apr 2016 16:27

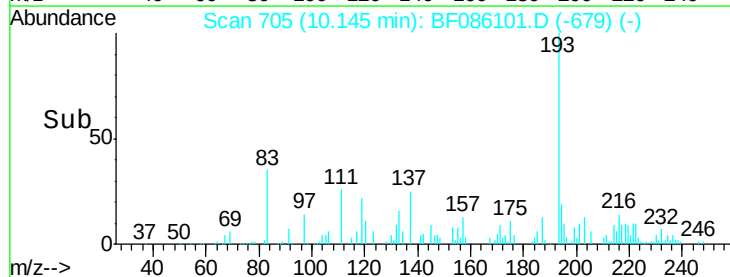
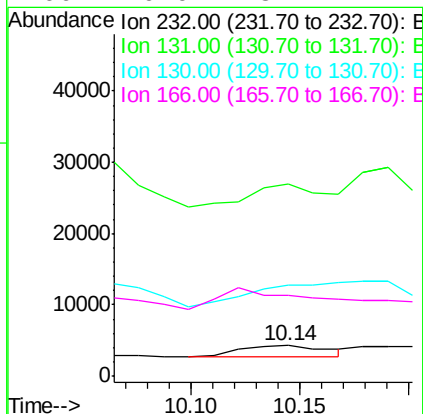
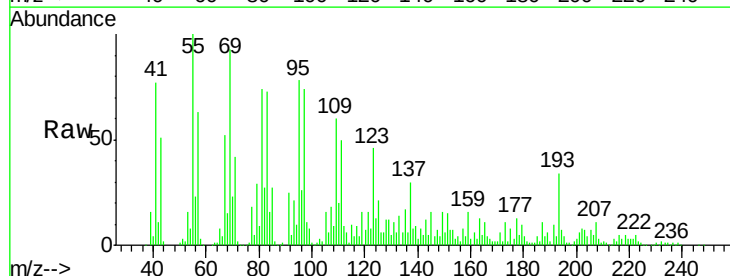
Instrument :
BNA_F
ClientSampleId :
GRID-J3

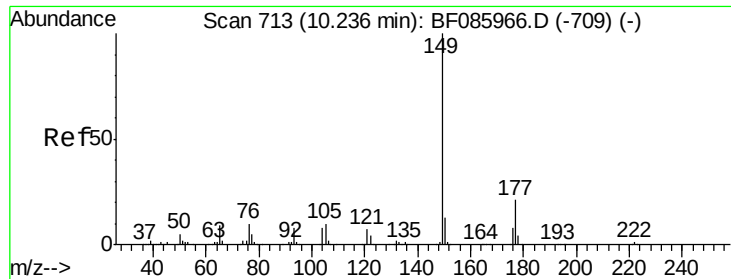
Tgt Ion:165 Resp: 20994
Ion Ratio Lower Upper
165 100
63 12.1 24.9 37.3#
89 10.8 41.0 61.6#
182 25.9 2.1 3.1#



#58
2,3,4,6-Tetrachlorophenol
Concen: 2.83 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF086101.D
Acq: 6 Apr 2016 16:27

Tgt Ion:232 Resp: 4239
Ion Ratio Lower Upper
232 100
131 218.4 44.9 67.3#
130 0.0 2.3 3.5#
166 0.0 28.1 42.1#

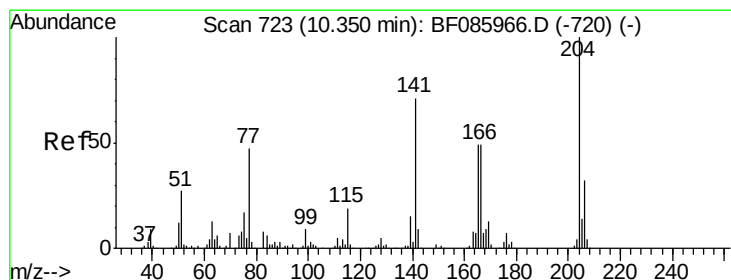
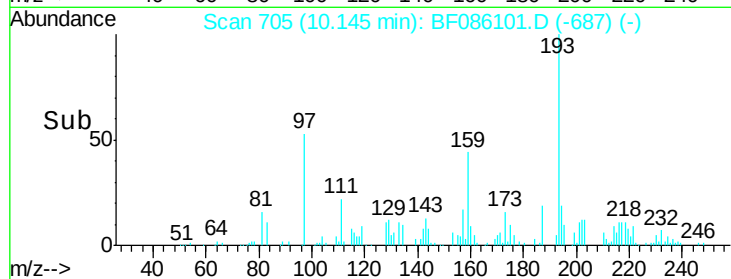
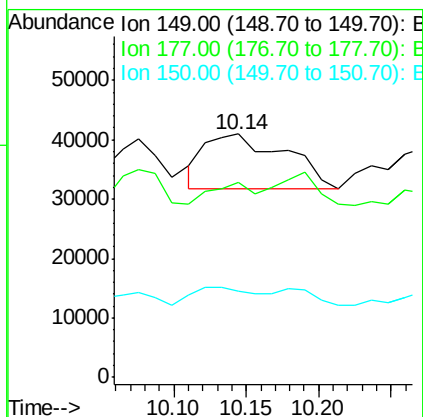
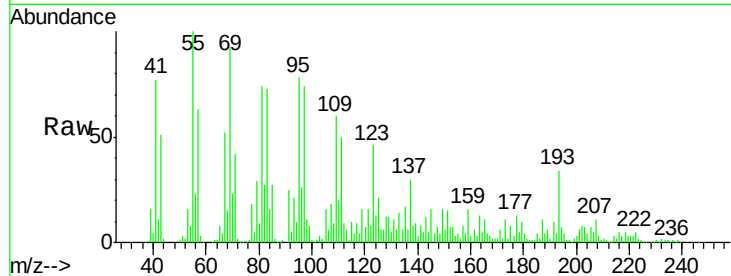




#59
Diethylphthalate
Concen: 4.62 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.09 min
Lab File: BF086101.D
Acq: 6 Apr 2016 16:27

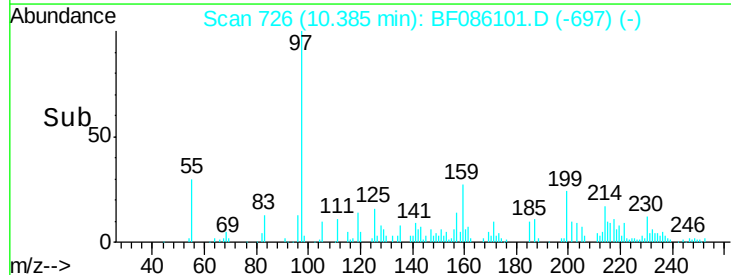
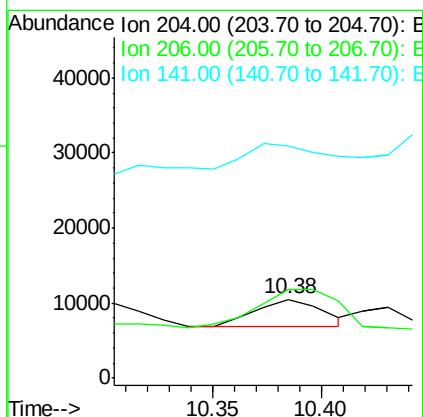
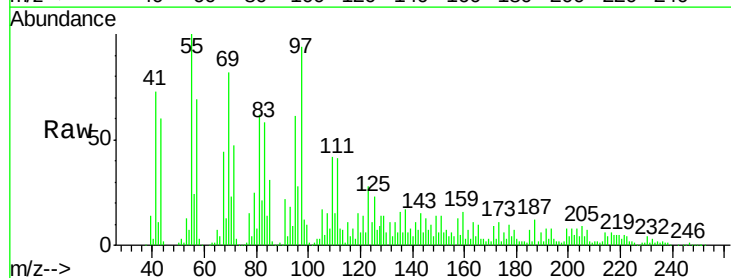
Instrument :
BNA_F
ClientSampleID :
GRID-J3

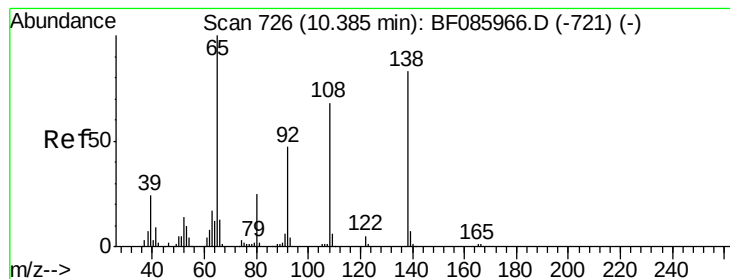
Tgt Ion:149 Resp: 35463
Ion Ratio Lower Upper
149 100
177 80.2 17.9 26.9#
150 35.4 10.2 15.2#



#60
4-Chlorophenyl-phenylether
Concen: 2.49 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.03 min
Lab File: BF086101.D
Acq: 6 Apr 2016 16:27

Tgt Ion:204 Resp: 7999
Ion Ratio Lower Upper
204 100
206 112.2 26.6 39.8#
141 293.8 57.4 86.0#





#61

4-Nitroaniline

Concen: 50.49 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.09 min

Lab File: BF086101.D

Acq: 6 Apr 2016 16:27

Instrument :

BNA_F

ClientSampleId :

GRID-J3

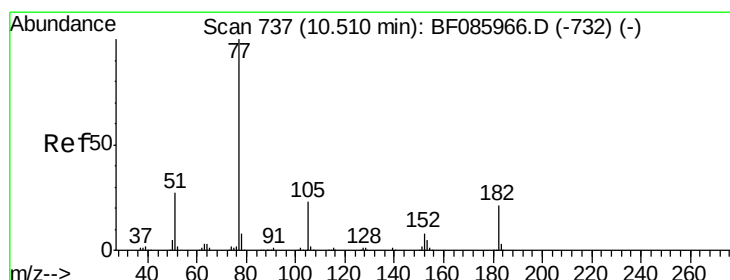
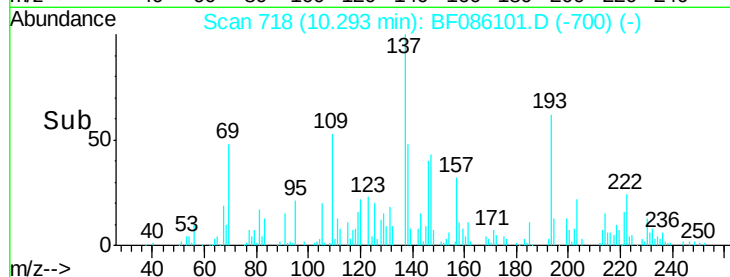
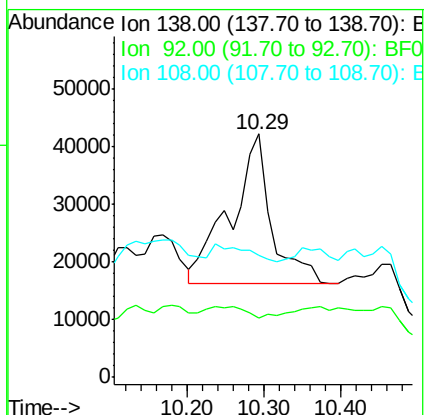
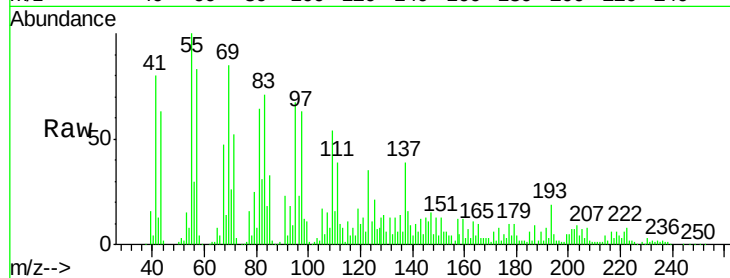
Tgt Ion:138 Resp: 96331

Ion Ratio Lower Upper

138 100

92 24.4 26.4 66.4#

108 50.2 49.0 89.0



#62

Azobenzene

Concen: 11.95 ng

RT: 10.57 min Scan# 742

Delta R.T. 0.06 min

Lab File: BF086101.D

Acq: 6 Apr 2016 16:27

Tgt Ion: 77 Resp: 87763

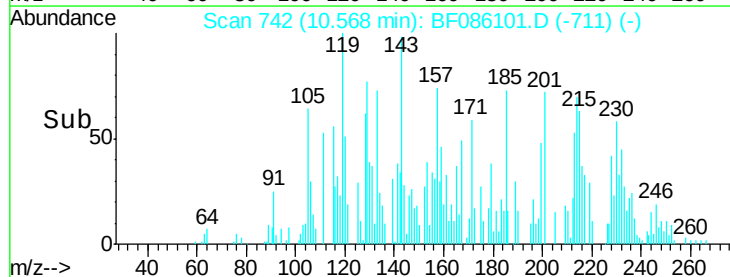
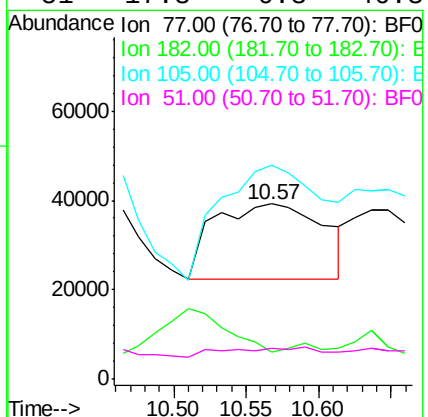
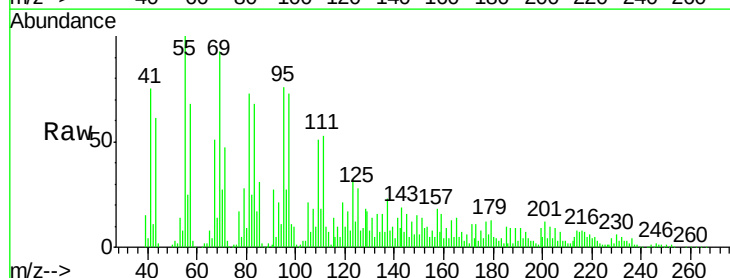
Ion Ratio Lower Upper

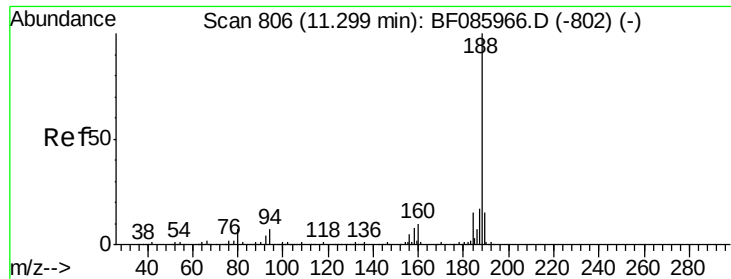
77 100

182 15.5 1.9 41.9

105 122.1 3.5 43.5#

51 17.3 6.3 46.3

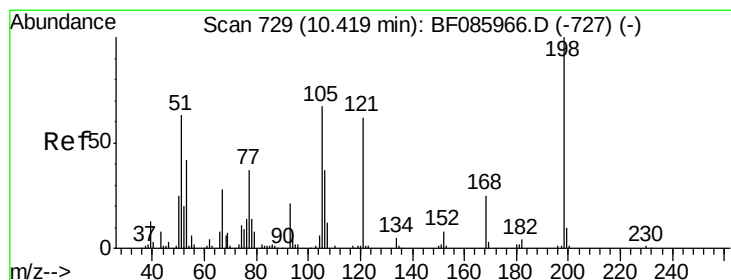
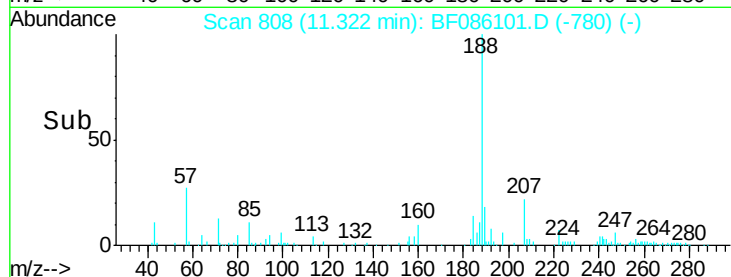
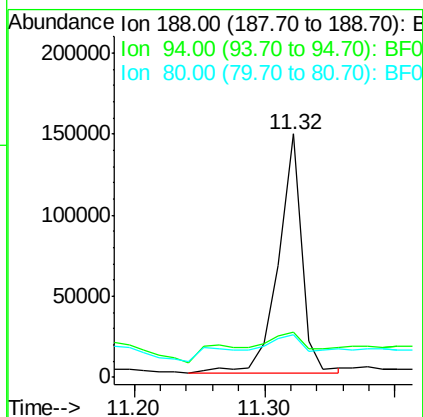
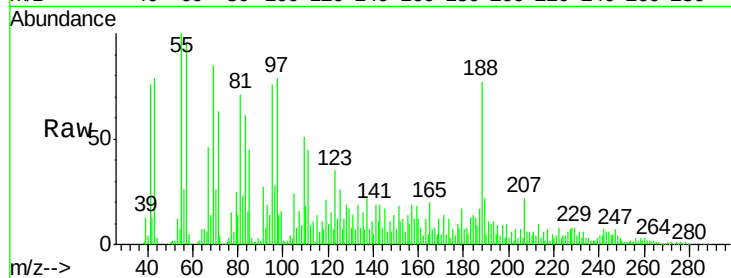




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.02 min
Lab File: BF086101.D
Acq: 6 Apr 2016 16:27

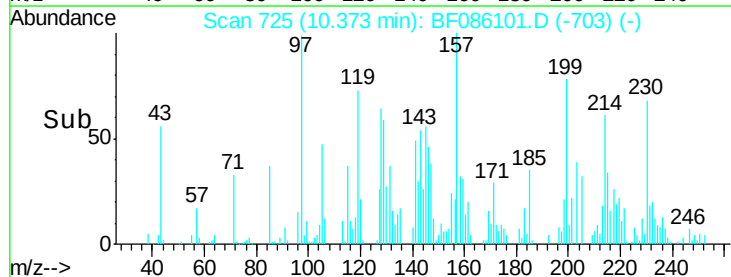
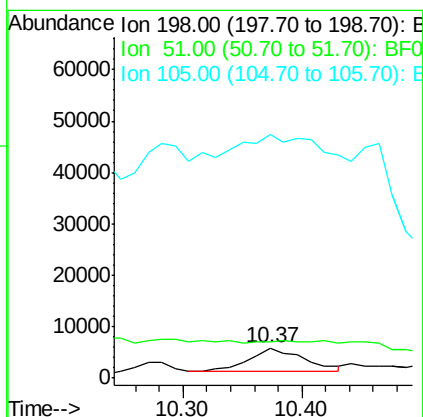
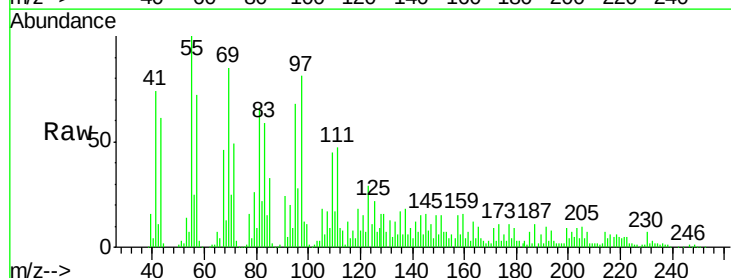
Instrument :
BNA_F
ClientSampleId :
GRID-J3

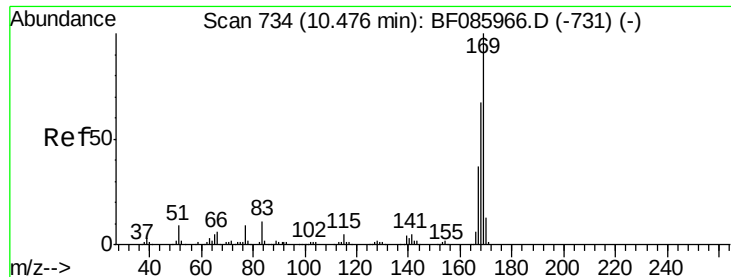
Tgt Ion:188 Resp: 183504
Ion Ratio Lower Upper
188 100
94 18.7 5.4 8.0#
80 17.7 5.5 8.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 12.72 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.05 min
Lab File: BF086101.D
Acq: 6 Apr 2016 16:27

Tgt Ion:198 Resp: 14142
Ion Ratio Lower Upper
198 100
51 119.1 45.4 85.4#
105 806.7 45.9 85.9#





#65

n-Nitrosodiphenylamine

Concen: 23.17 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.03 min

Lab File: BF086101.D

Acq: 6 Apr 2016 16:27

Instrument :

BNA_F

ClientSampleId :

GRID-J3

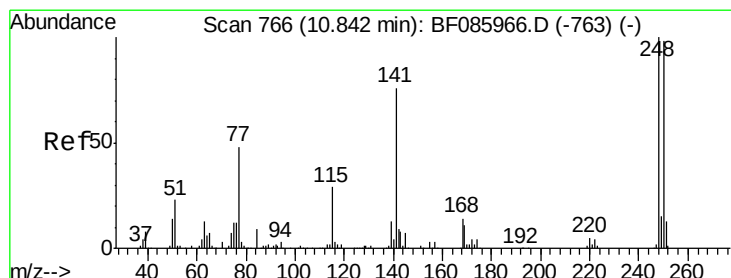
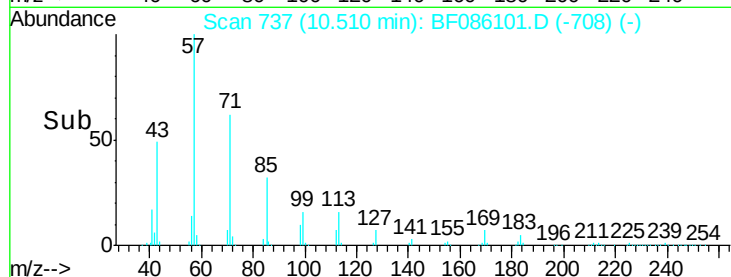
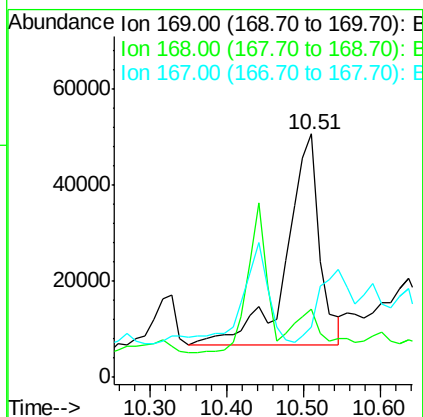
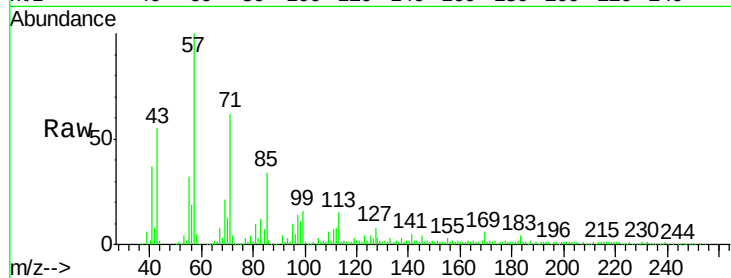
Tgt Ion:169 Resp: 132951

Ion Ratio Lower Upper

169 100

168 27.8 54.4 81.6#

167 20.9 29.4 44.0#



#66

4-Bromophenyl-phenylether

Concen: 7.40 ng

RT: 10.89 min Scan# 770

Delta R.T. 0.05 min

Lab File: BF086101.D

Acq: 6 Apr 2016 16:27

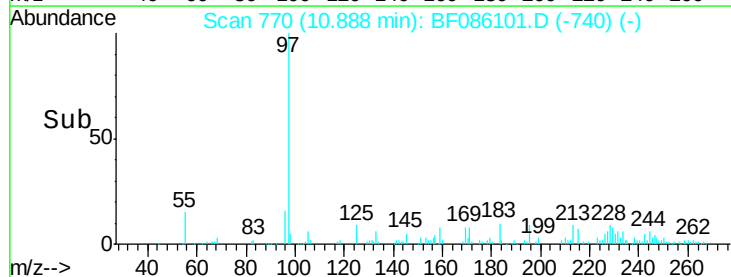
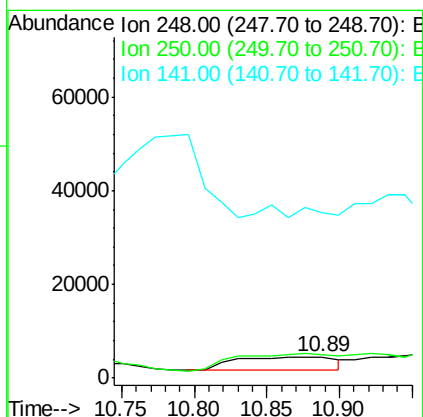
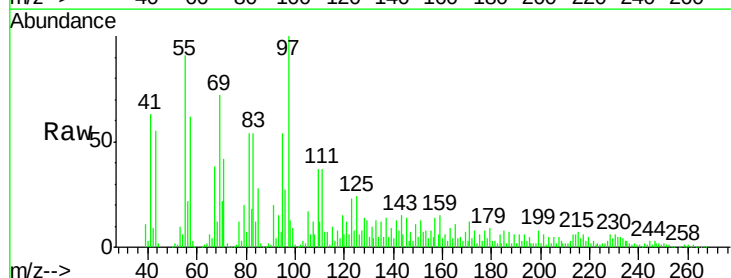
Tgt Ion:248 Resp: 13864

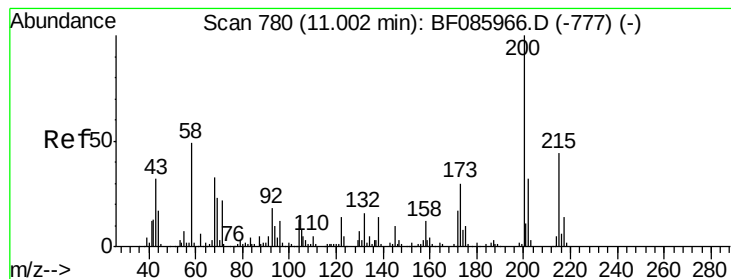
Ion Ratio Lower Upper

248 100

250 109.9 77.4 116.0

141 789.5 63.6 95.4#





#68

Atrazine

Concen: 4.67 ng

RT: 11.00 min Scan# 780

Delta R.T. -0.00 min

Lab File: BF086101.D

Acq: 6 Apr 2016 16:27

Instrument :

BNA_F

ClientSampled :

GRID-J3

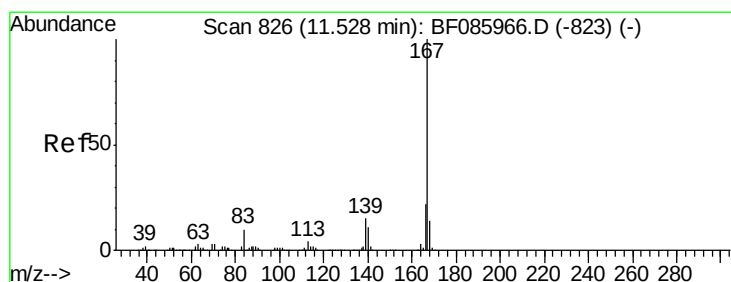
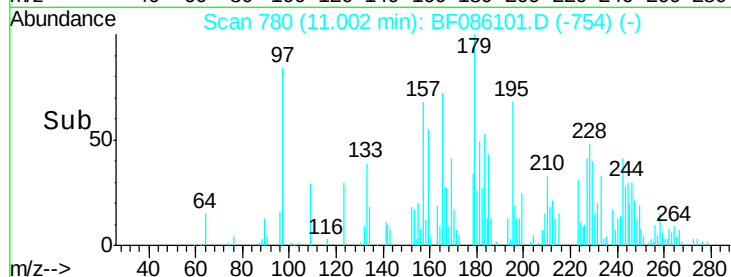
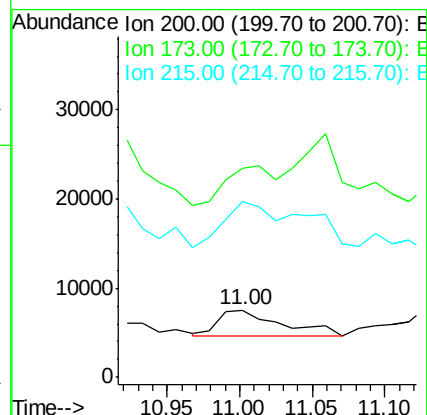
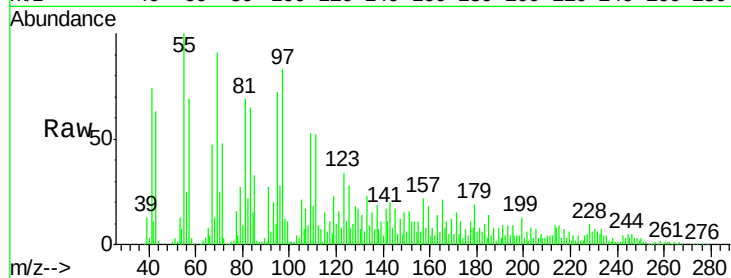
Tgt Ion:200 Resp: 8652

Ion Ratio Lower Upper

200 100

173 310.9 7.7 47.7#

215 261.4 25.4 65.4#



#72

Carbazole

Concen: 3.15 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF086101.D

Acq: 6 Apr 2016 16:27

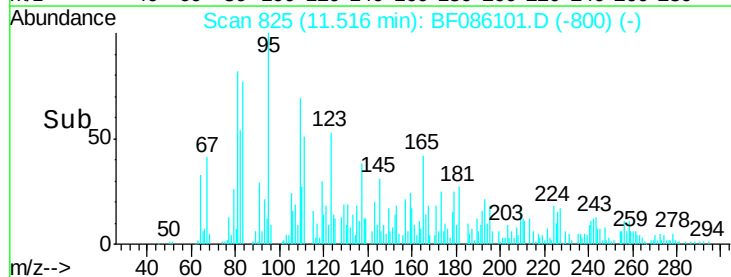
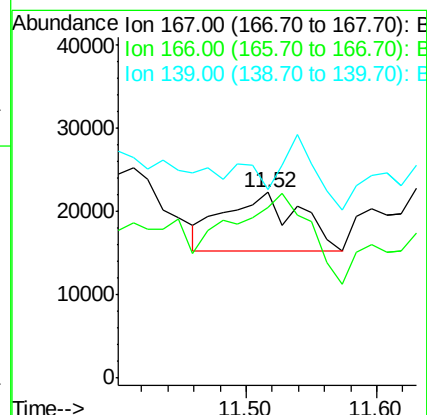
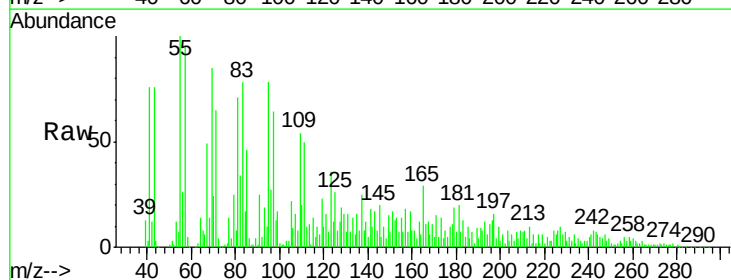
Tgt Ion:167 Resp: 28436

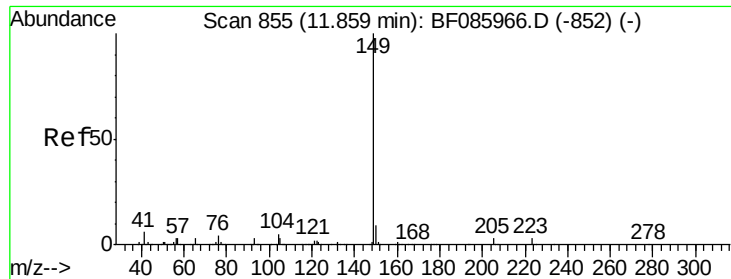
Ion Ratio Lower Upper

167 100

166 91.7 17.8 26.8#

139 101.6 11.6 17.4#





#73

Di-n-butylphthalate

Concen: 3.77 ng

RT: 11.86 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF086101.D

Acq: 6 Apr 2016 16:27

Instrument :

BNA_F

ClientSampleId :

GRID-J3

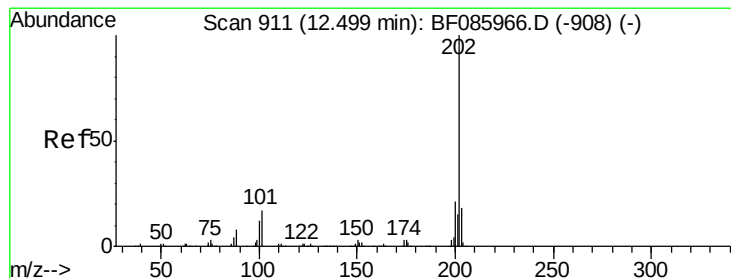
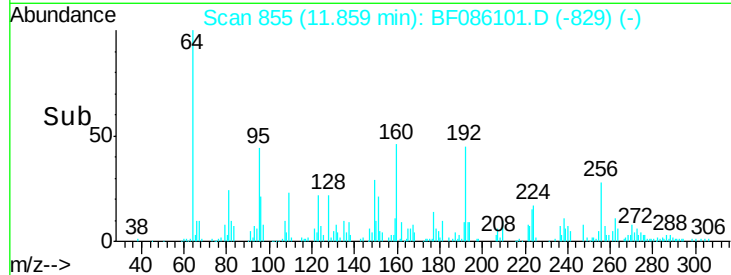
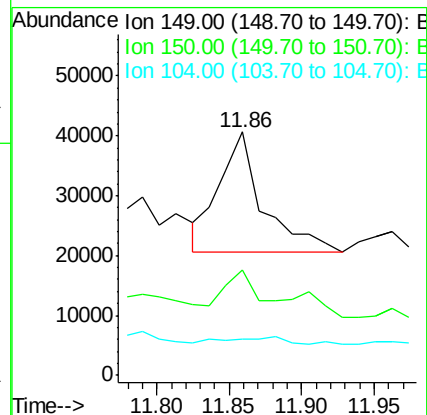
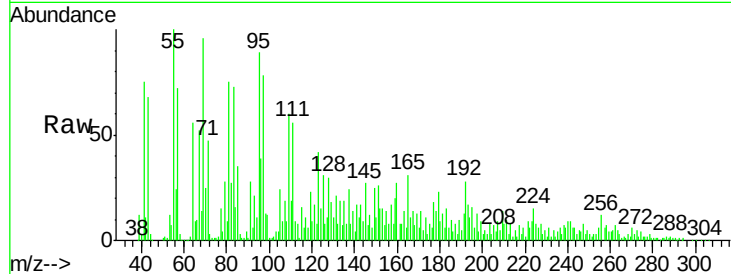
Tgt Ion:149 Resp: 42112

Ion Ratio Lower Upper

149 100

150 43.2 7.6 11.4#

104 14.9 3.8 5.8#



#74

Fluoranthene

Concen: 2.22 ng

RT: 12.46 min Scan# 908

Delta R.T. -0.03 min

Lab File: BF086101.D

Acq: 6 Apr 2016 16:27

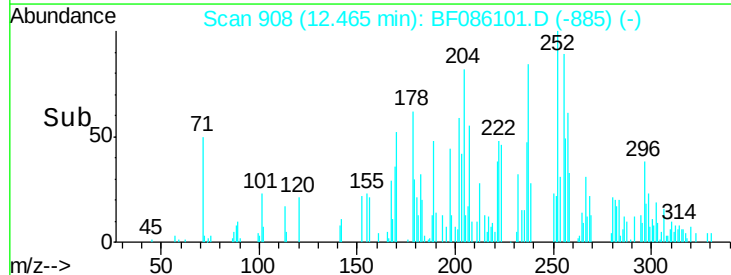
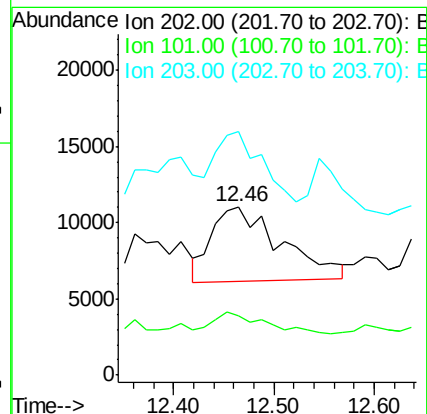
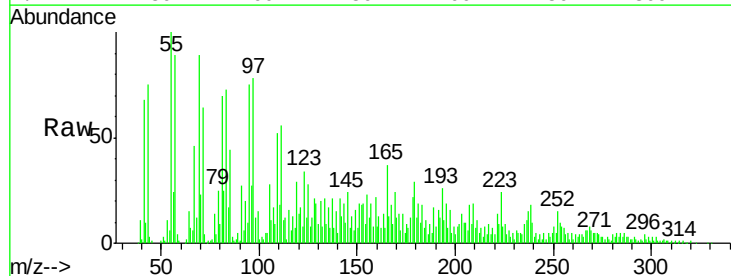
Tgt Ion:202 Resp: 23164

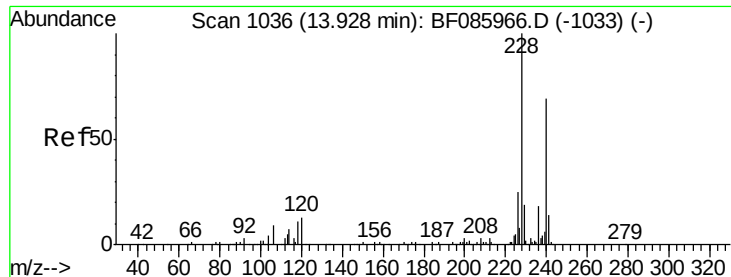
Ion Ratio Lower Upper

202 100

101 35.2 0.0 36.6

203 144.7 0.0 38.1#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF086101.D

Acq: 6 Apr 2016 16:27

Instrument :

BNA_F

ClientSampleId :

GRID-J3

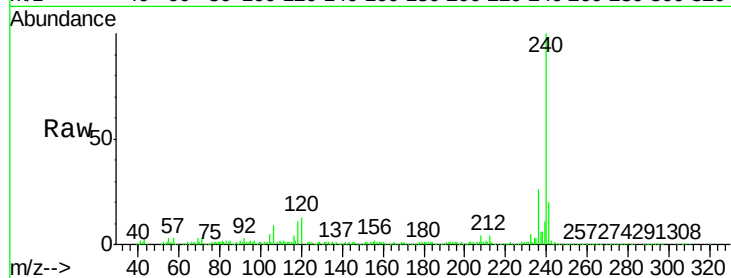
Tgt Ion:240 Resp: 303469

Ion Ratio Lower Upper

240 100

120 12.9 13.8 20.8#

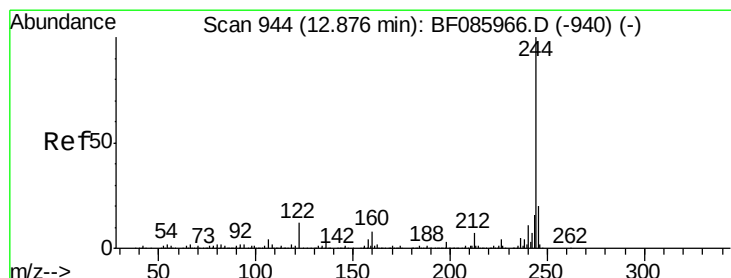
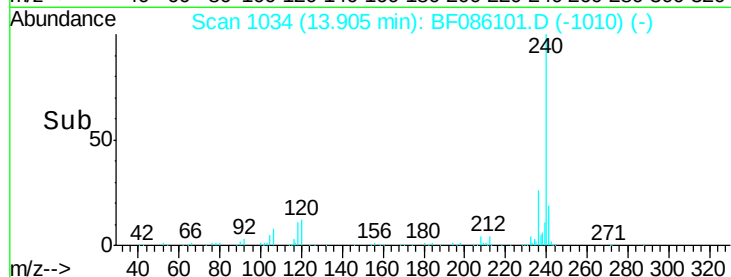
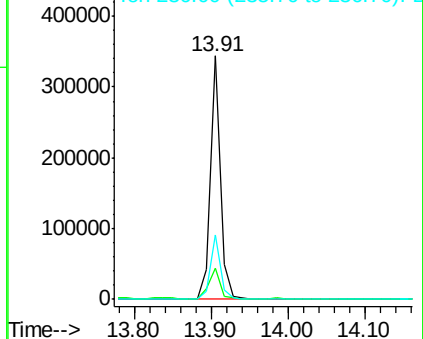
236 26.5 20.6 30.8



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



#78

Terphenyl-d14

Concen: 43.22 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF086101.D

Acq: 6 Apr 2016 16:27

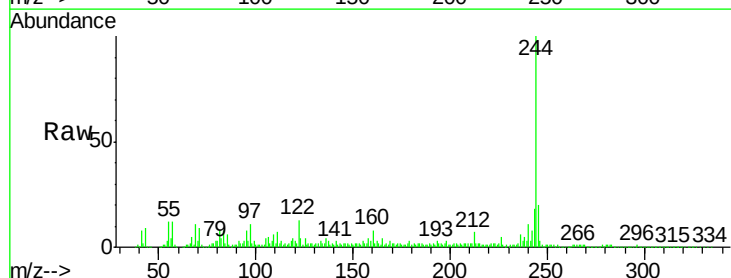
Tgt Ion:244 Resp: 557932

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

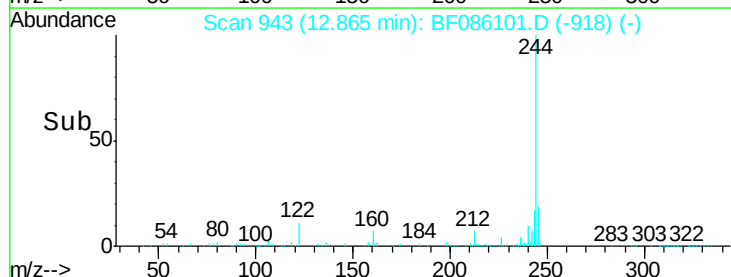
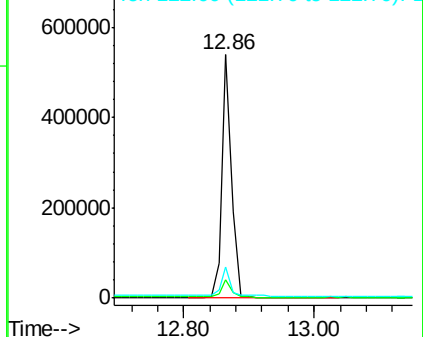
122 12.7 10.2 15.4

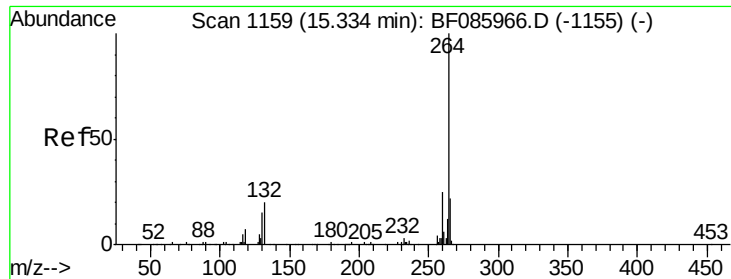


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF086101.D
Acq: 6 Apr 2016 16:27

Instrument :
BNA_F
ClientSampleId :
GRID-J3

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.5	17.2	25.8

