

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030216\
 Data File : BF085111.D
 Acq On : 2 Mar 2016 11:23
 Operator : SJ/IZ
 Sample : PB88627BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 03 01:36:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 13:25:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	171381	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	716364	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	339847	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	661072	20.00	ng	0.00
75) Chrysene-d12	14.15	240	592088	20.00	ng	0.00
86) Perylene-d12	15.63	264	412212	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1436106	136.04	ng	0.01
7) Phenol-d6	6.61	99	1659091	119.88	ng	0.00
23) Nitrobenzene-d5	7.54	82	1007255	74.81	ng	-0.02
41) 2,4,6-Tribromophenol	10.81	330	437120	127.99	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1867556	80.93	ng	0.00
78) Terphenyl-d14	13.10	244	1962934	77.77	ng	0.00

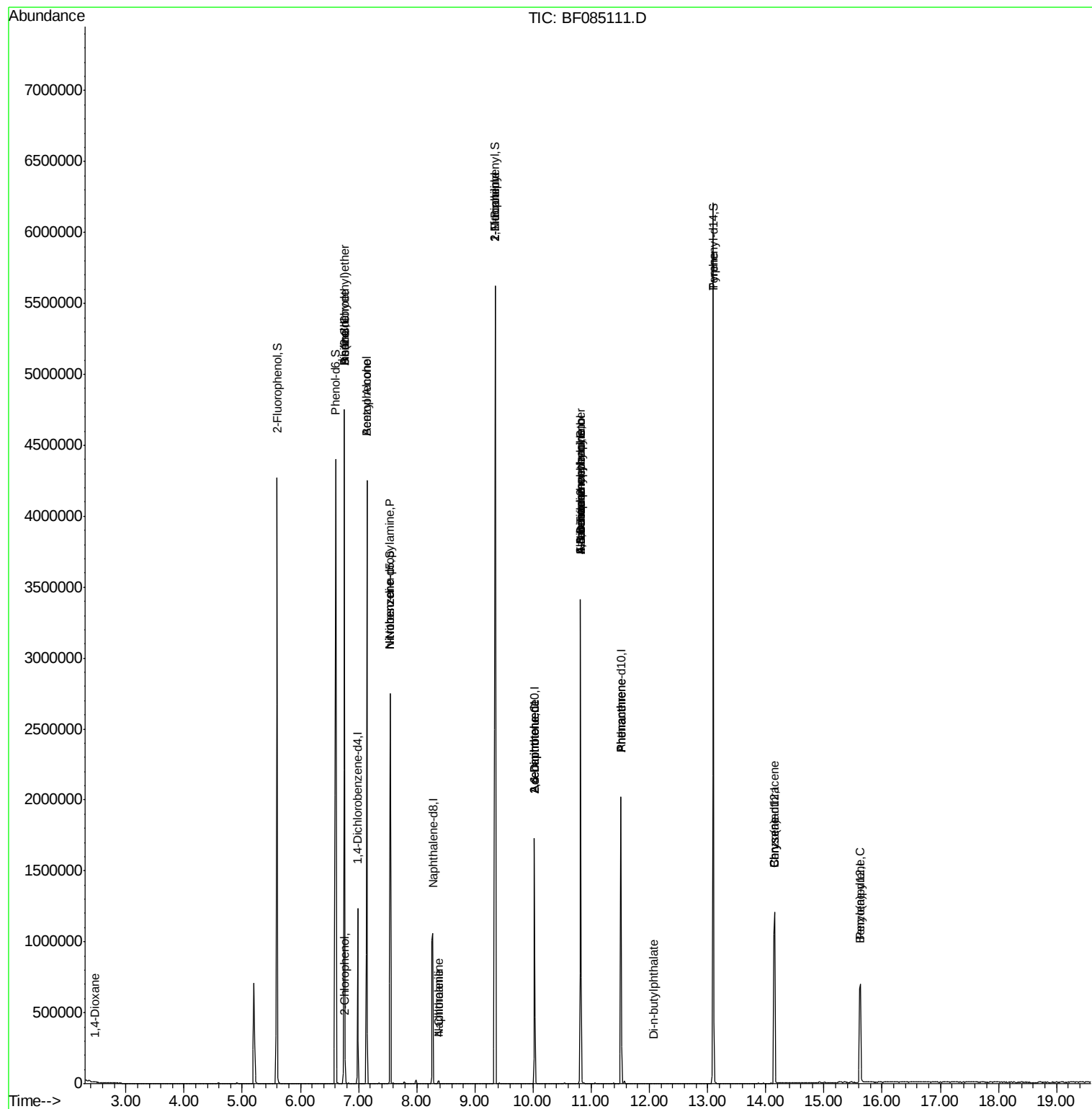
Target Compounds						Qvalue
2) 1,4-Dioxane	2.47	88	209	0.04	ng	# 22
6) Aniline	6.76	93	2176	0.11	ng	# 1
8) 2-Chlorophenol	6.77	128	800	0.07	ng	# 1
9) Benzaldehyde	6.76	77	33860	2.55	ng	82
10) Phenol	6.76	94	2939	0.19	ng	# 1
11) bis(2-Chloroethyl)ether	6.76	93	2176	0.18	ng	# 1
15) Benzyl Alcohol	7.14	79	19304	1.91	ng	# 45
19) n-Nitroso-di-n-propylamine	7.54	70	134172	14.71	ng	# 81
22) Acetophenone	7.14	105	228	0.01	ng	# 1
24) Nitrobenzene	7.54	77	3101	0.22	ng	# 38
31) Naphthalene	8.38	128	1791	0.05	ng	# 1
33) 4-Chloroaniline	8.38	127	209	0.01	ng	# 1
45) 1,1'-Biphenyl	9.35	154	3961	0.13	ng	# 1
47) 2-Nitroaniline	9.35	65	3271	0.47	ng	# 1
50) 2,6-Dinitrotoluene	10.02	165	44519	8.52	ng	# 22
51) Acenaphthene	10.02	154	1394	0.07	ng	# 4
56) 2,4-Dinitrotoluene	10.02	165	44511	6.32	ng	# 19
57) Fluorene	10.81	166	18539	0.88	ng	# 88
62) Azobenzene	10.81	77	2461	0.10	ng	# 9
64) 4,6-Dinitro-2-methylphenol	10.81	198	770	7.37	ng	# 1
65) n-Nitrosodiphenylamine	10.81	169	13284	0.64	ng	# 45
66) 4-Bromophenyl-phenylether	10.81	248	28660	4.13	ng	# 1
70) Phenanthrene	11.51	178	275	0.01	ng	# 1
71) Anthracene	11.51	178	275	0.01	ng	# 1
73) Di-n-butylphthalate	12.07	149	297	0.01	ng	# 78
77) Pyrene	13.10	202	7289	0.18	ng	# 70
80) Benzo(a)anthracene	14.15	228	1447	0.04	ng	# 58
82) Chrysene	14.15	228	1447	0.05	ng	# 55
89) Benzo(a)pyrene	15.61	252	1173	0.06	ng	# 72

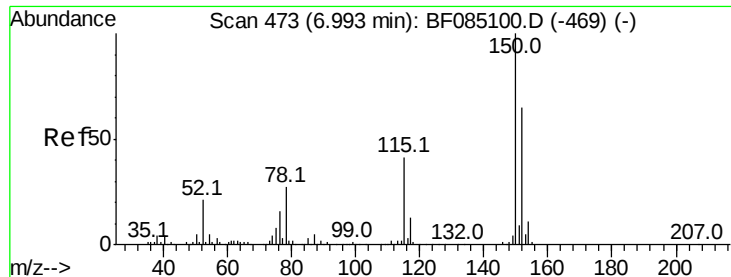
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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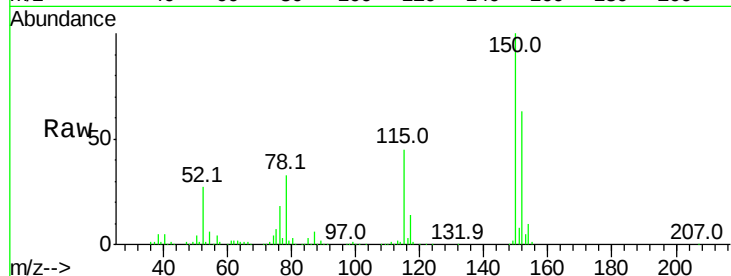


#1

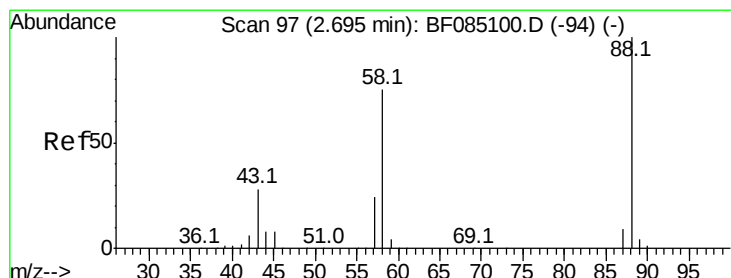
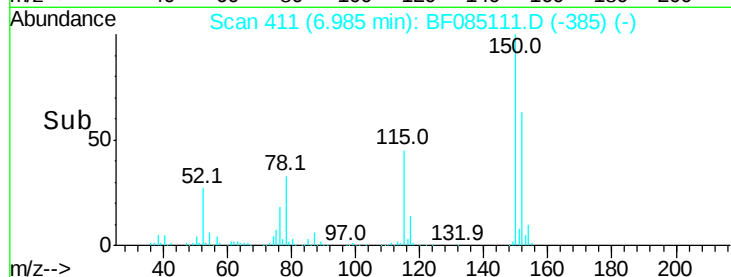
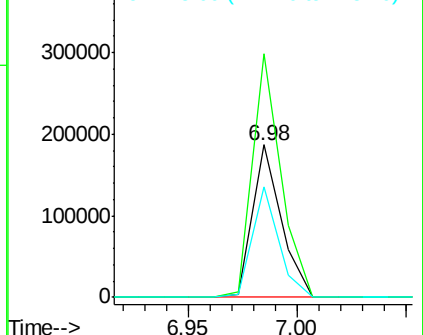
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 171381
Ion Ratio Lower Upper
152 100
150 159.6 123.4 185.0
115 72.1 50.0 75.0



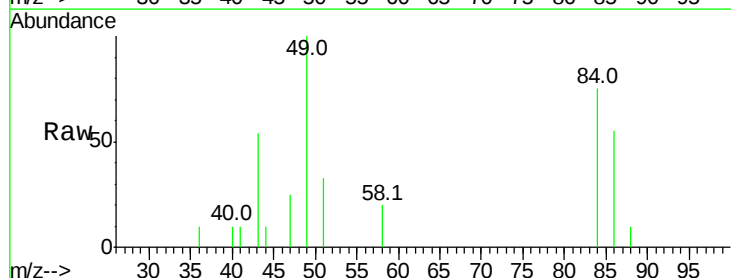
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



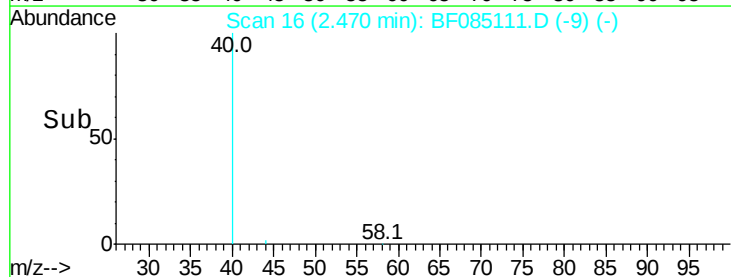
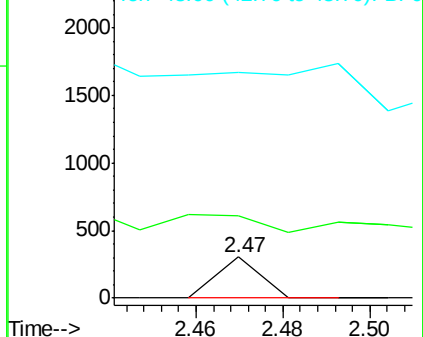
#2

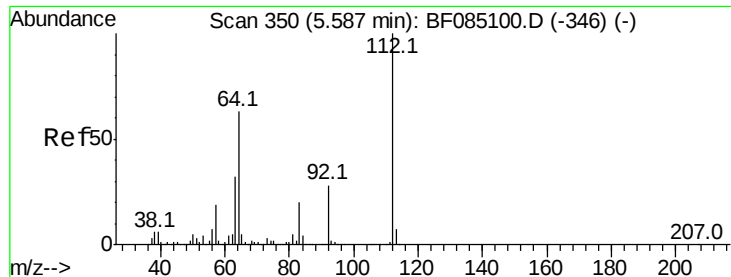
1,4-Dioxane
Concen: 0.04 ng
RT: 2.47 min Scan# 16
Delta R.T. -0.23 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Tgt Ion: 88 Resp: 209
Ion Ratio Lower Upper
88 100
58 0.0 58.4 87.6#
43 0.0 22.2 33.4#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 136.04 ng

RT: 5.60 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF085111.D

Acq: 2 Mar 2016 11:23

Instrument :

BNA_F

ClientSampleId :

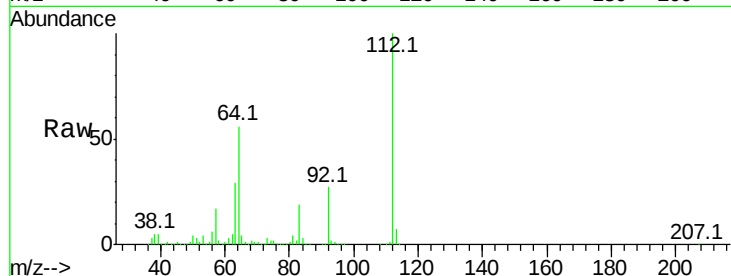
Tot Ion:112 Resp: 1436106

Ion Ratio Lower Upper

112 100

64 56.3 50.6 76.0

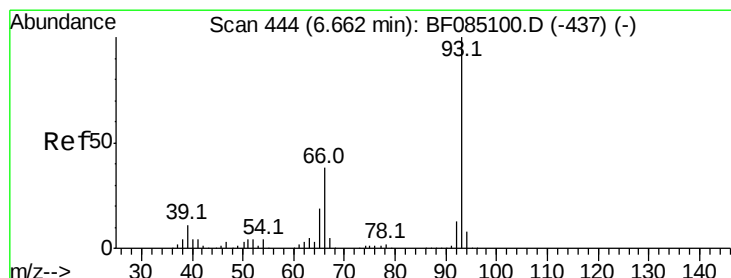
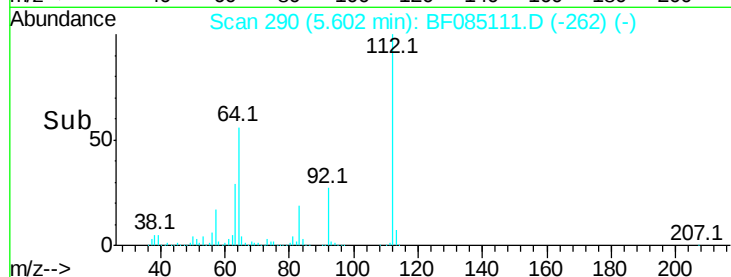
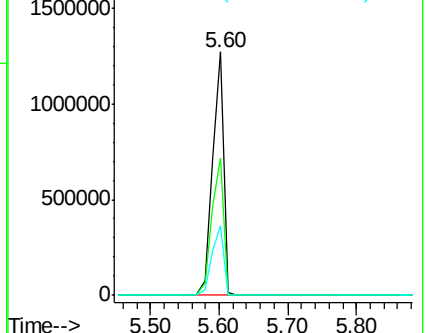
63 28.6 25.5 38.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 0.11 ng

RT: 6.76 min Scan# 391

Delta R.T. 0.09 min

Lab File: BF085111.D

Acq: 2 Mar 2016 11:23

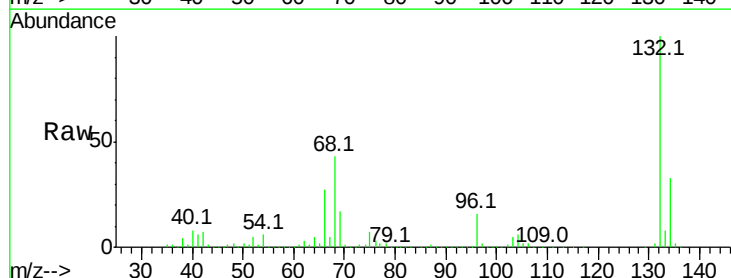
Tgt Ion: 93 Resp: 2176

Ion Ratio Lower Upper

93 100

66 17024.4 30.1 45.1#

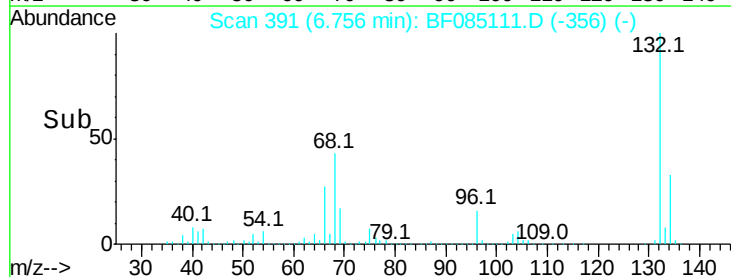
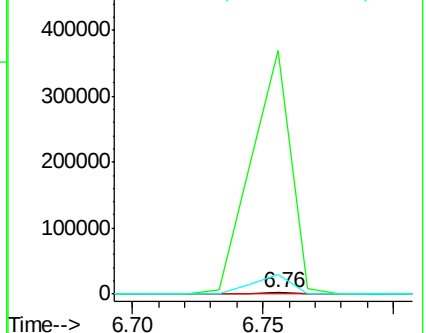
65 1373.8 15.0 22.6#

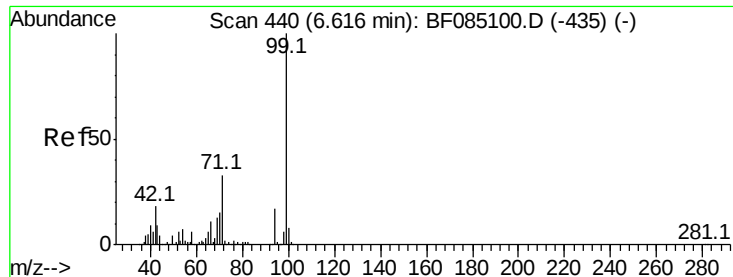


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.88 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF085111.D

Acq: 2 Mar 2016 11:23

Instrument :

BNA_F

ClientSampleId :

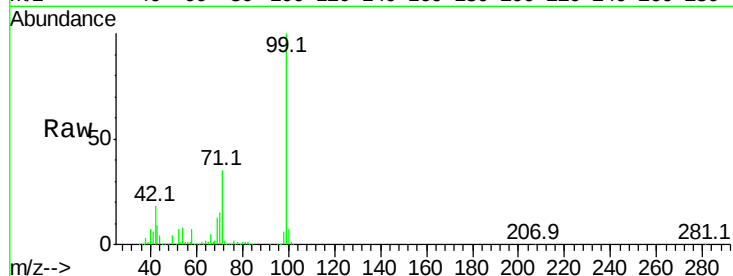
Tot Ion: 99 Resp: 1659091

Ion Ratio Lower Upper

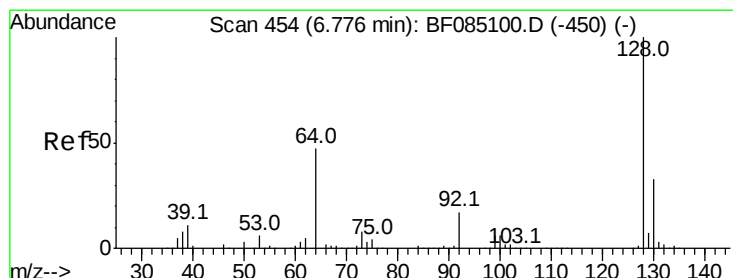
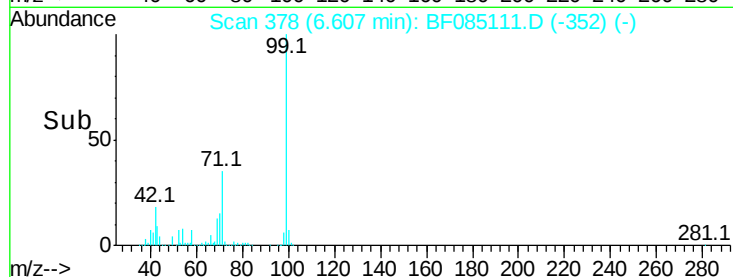
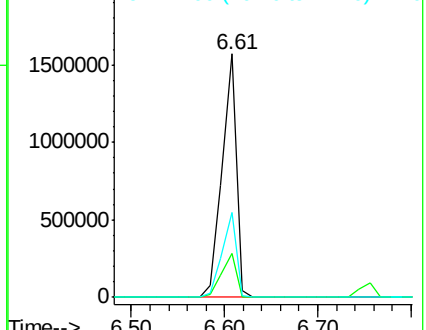
99 100

42 18.1 14.1 21.1

71 34.7 26.8 40.2



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



#8

2-Chlorophenol

Concen: 0.07 ng

RT: 6.77 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF085111.D

Acq: 2 Mar 2016 11:23

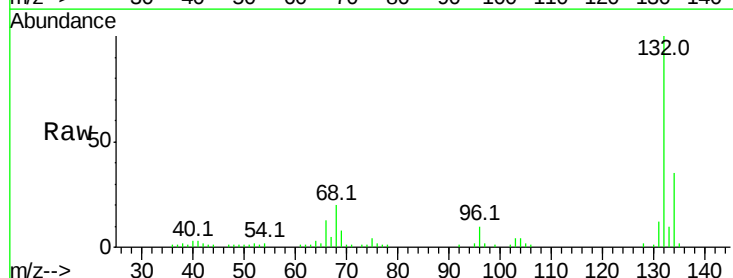
Tgt Ion:128 Resp: 800

Ion Ratio Lower Upper

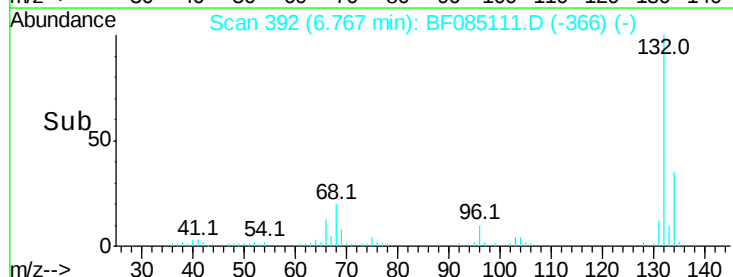
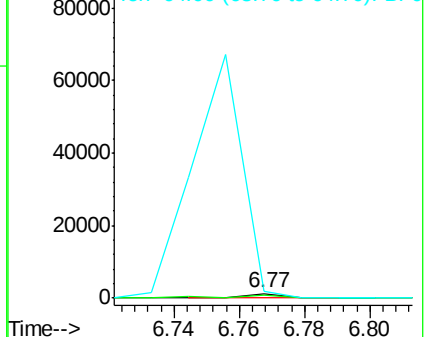
128 100

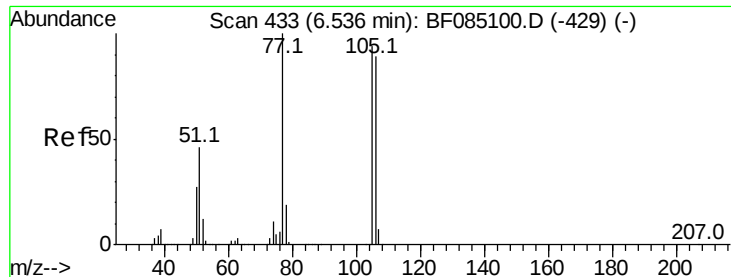
130 56.2 13.1 53.1#

64 172.6 29.6 69.6#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.55 ng

RT: 6.76 min Scan# 391

Delta R.T. 0.22 min

Lab File: BF085111.D

Acq: 2 Mar 2016 11:23

Instrument :

BNA_F

ClientSampleId :

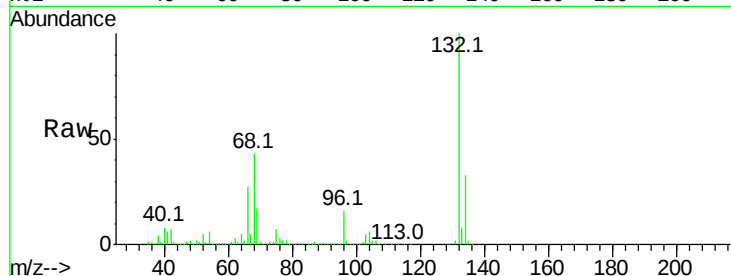
Tot Ion: 77 Resp: 33860

Ion Ratio Lower Upper

77 100

105 78.8 73.7 113.7

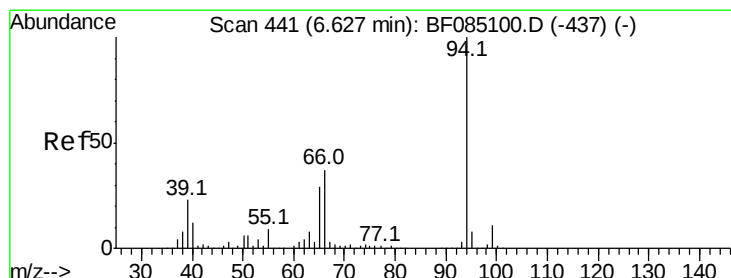
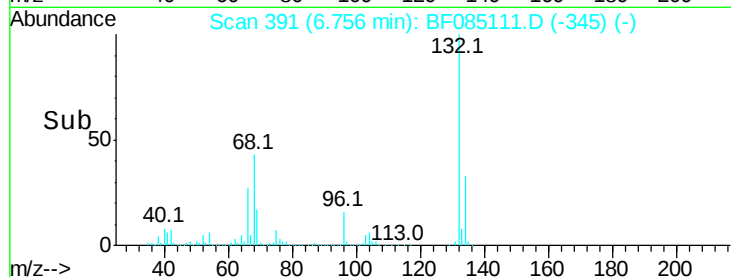
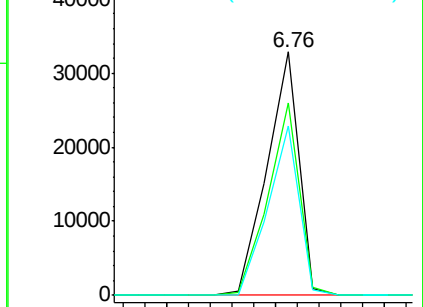
106 69.3 69.2 109.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 0.19 ng

RT: 6.76 min Scan# 391

Delta R.T. 0.13 min

Lab File: BF085111.D

Acq: 2 Mar 2016 11:23

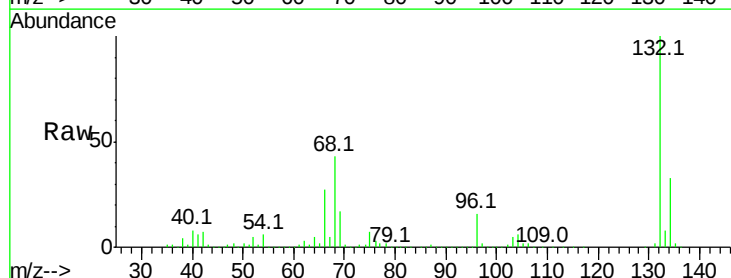
Tgt Ion: 94 Resp: 2939

Ion Ratio Lower Upper

94 100

65 1030.2 9.1 49.1#

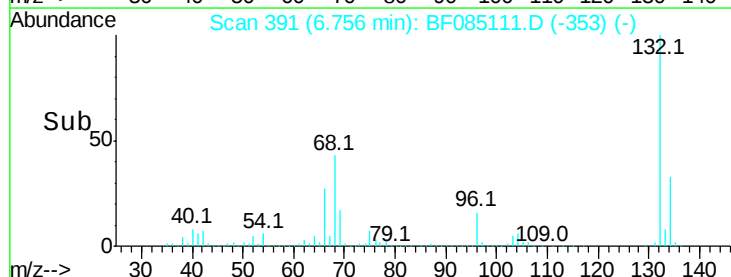
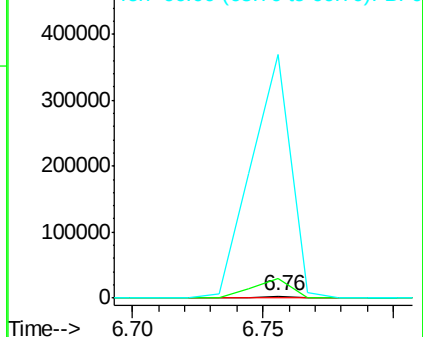
66 12766.8 17.5 57.5#

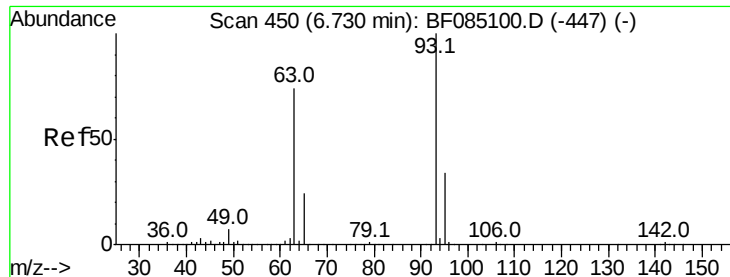


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

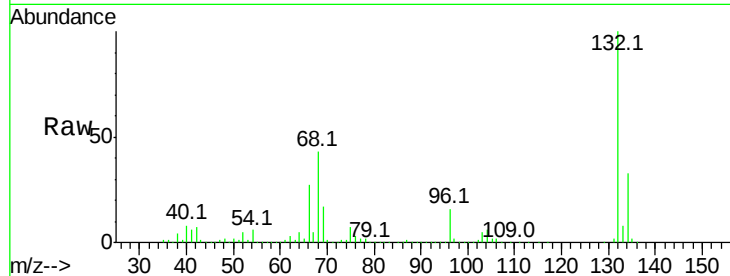




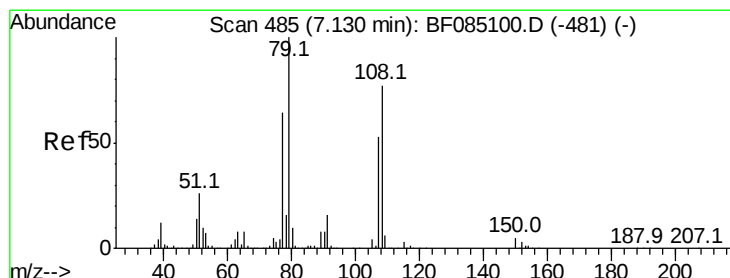
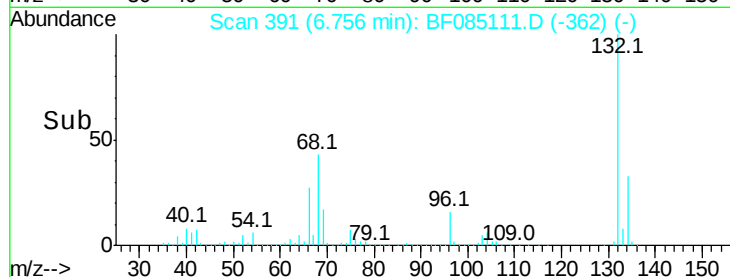
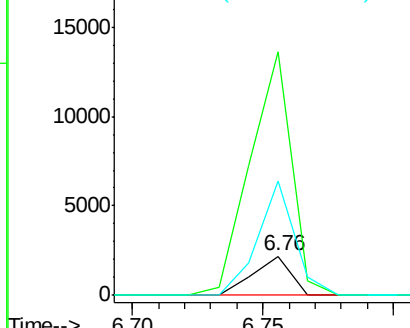
#11
bis(2-Chloroethyl)ether
Concen: 0.18 ng
RT: 6.76 min Scan# 391
Delta R.T. 0.03 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 2176
Ion Ratio Lower Upper
93 100
63 627.8 53.9 93.9#
95 294.4 13.8 53.8#

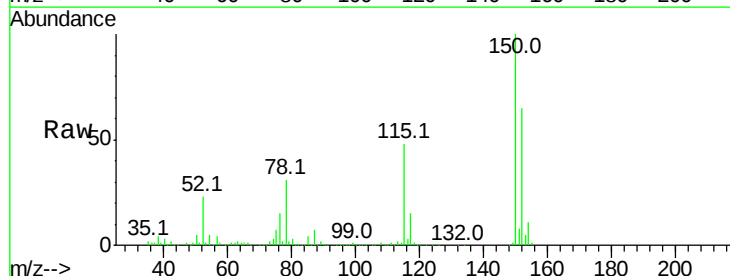


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

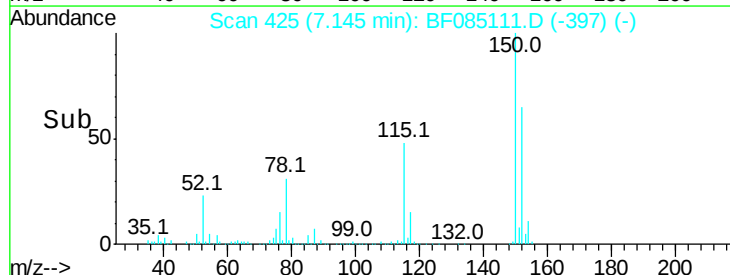
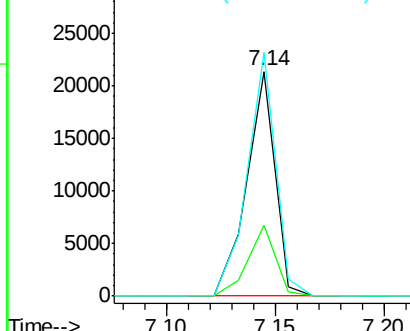


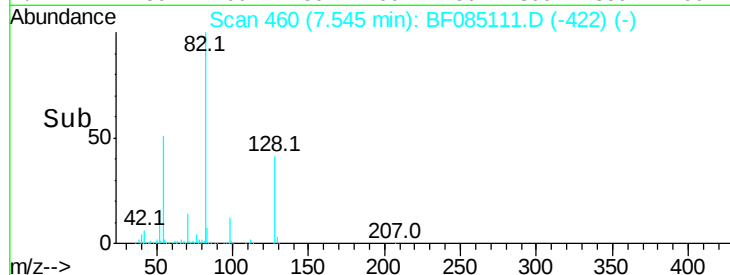
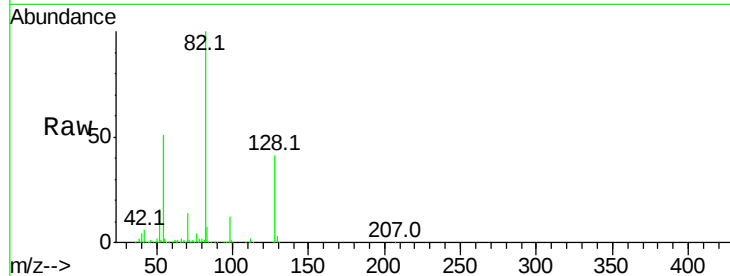
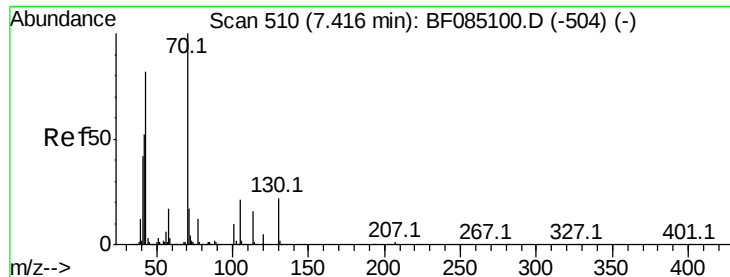
#15
Benzyl Alcohol
Concen: 1.91 ng
RT: 7.14 min Scan# 425
Delta R.T. 0.01 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Tgt Ion: 79 Resp: 19304
Ion Ratio Lower Upper
79 100
108 31.4 61.8 92.6#
77 108.3 51.2 76.8#



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

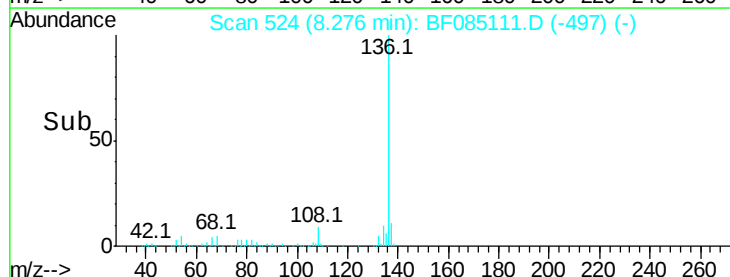
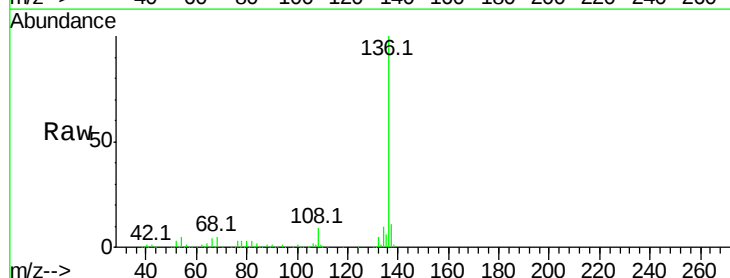
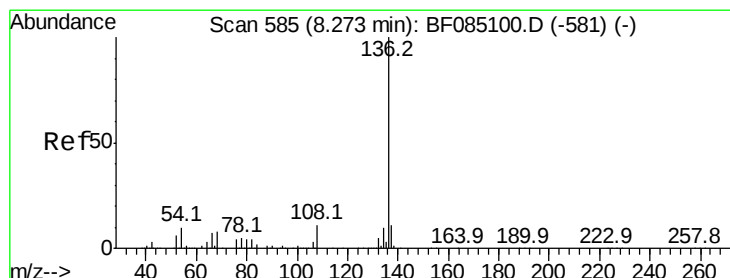
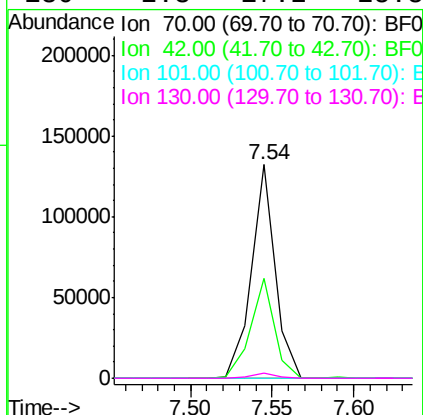




#19
n-Nitroso-di-n-propylamine
Concen: 14.71 ng
RT: 7.54 min Scan# 460
Delta R.T. 0.13 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

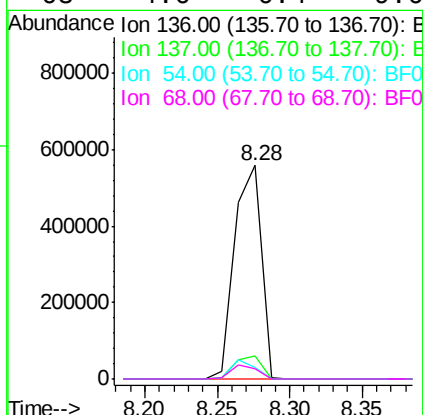
Instrument :
BNA_F
ClientSampleId :

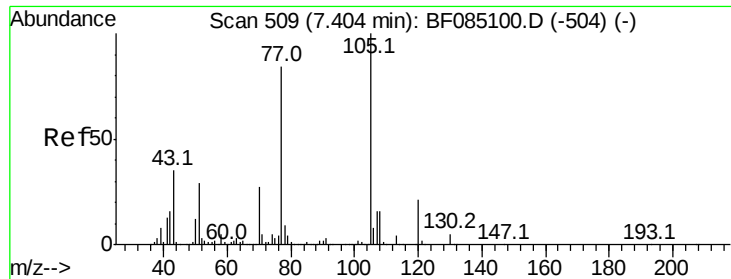
Tot Ion	Ratio	Lower	Upper
70	100		
42	46.8	41.9	62.9
101	0.0	7.8	11.8#
130	2.3	17.2	25.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	5.4	8.5	12.7#
68	4.6	6.4	9.6#





#22

Acetophenone

Concen: 0.01 ng

RT: 7.14 min Scan# 425

Delta R.T. -0.26 min

Lab File: BF085111.D

Acq: 2 Mar 2016 11:23

Instrument :

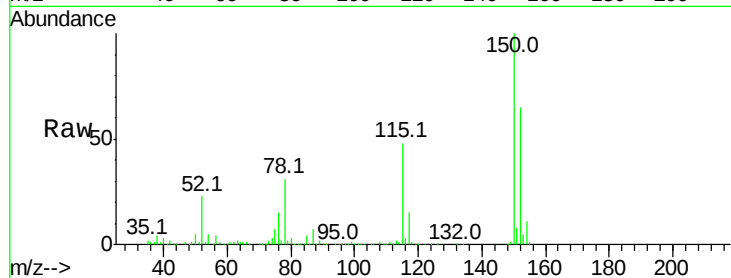
BNA_F

ClientSampleId :

Tot Ion:105 Resp: 228

Ion Ratio Lower Upper

105	100		
71	670.2	3.8	5.6#
51	2460.2	22.9	34.3#
120	381.6	16.9	25.3#

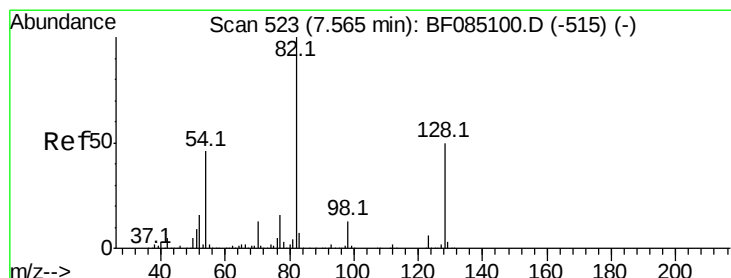
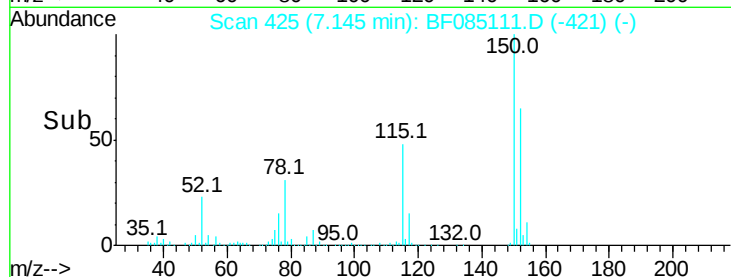
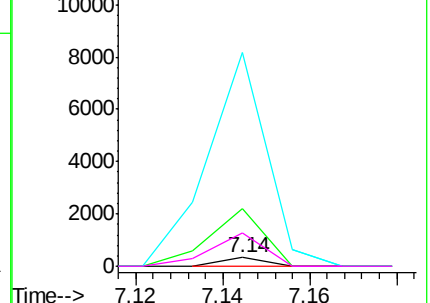


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 74.81 ng

RT: 7.54 min Scan# 460

Delta R.T. -0.02 min

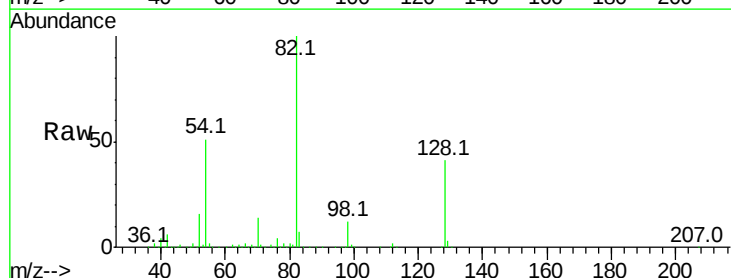
Lab File: BF085111.D

Acq: 2 Mar 2016 11:23

Tgt Ion: 82 Resp: 1007255

Ion Ratio Lower Upper

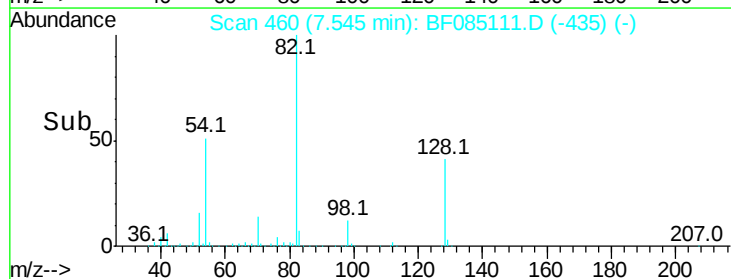
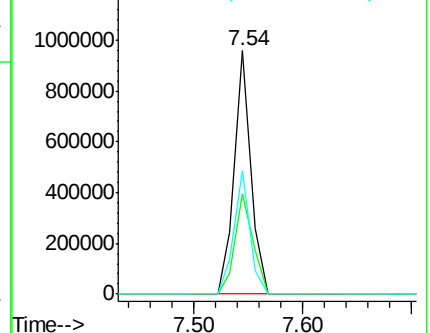
82	100		
128	41.1	39.8	59.6
54	50.5	36.6	54.8

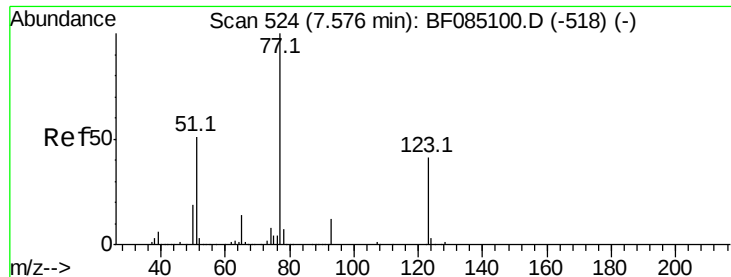


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 0.22 ng

RT: 7.54 min Scan# 460

Delta R.T. -0.03 min

Lab File: BF085111.D

Acq: 2 Mar 2016 11:23

Instrument :

BNA_F

ClientSampleId :

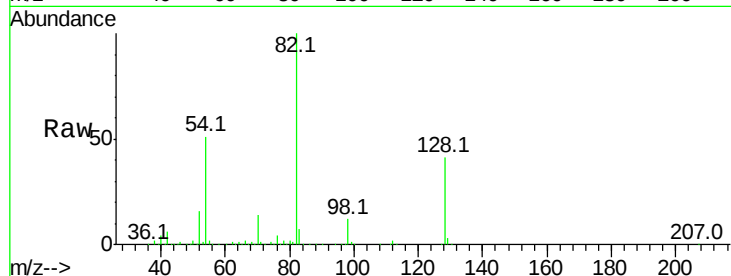
Tot Ion: 77 Resp: 3101

Ion Ratio Lower Upper

77 100

123 0.0 33.4 50.2#

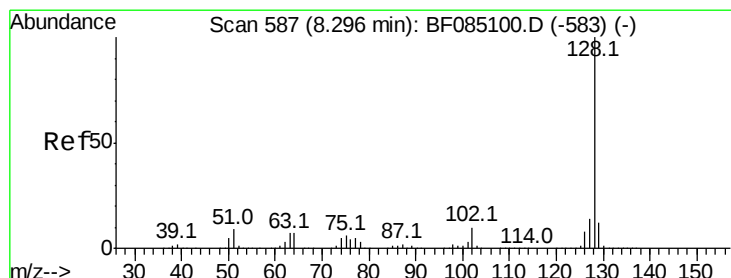
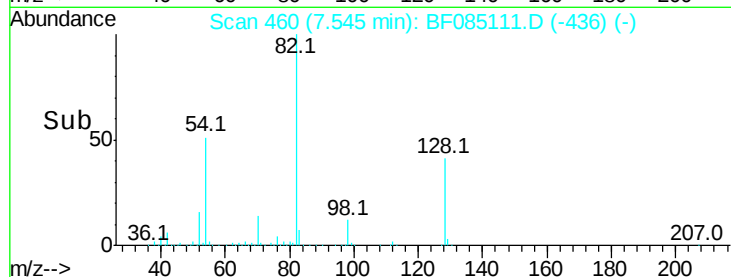
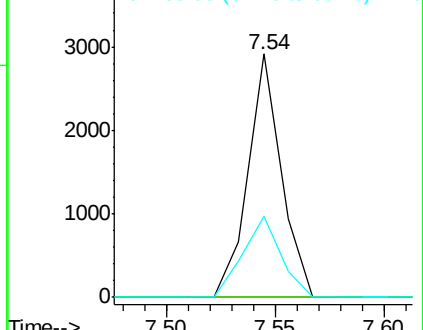
65 33.6 10.9 16.3#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BF0



#31

Naphthalene

Concen: 0.05 ng

RT: 8.38 min Scan# 533

Delta R.T. 0.08 min

Lab File: BF085111.D

Acq: 2 Mar 2016 11:23

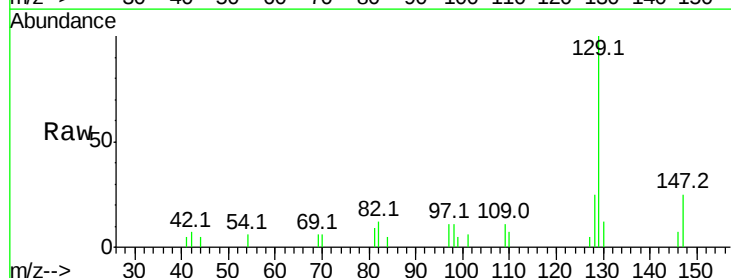
Tgt Ion: 128 Resp: 1791

Ion Ratio Lower Upper

128 100

129 394.6 9.7 14.5#

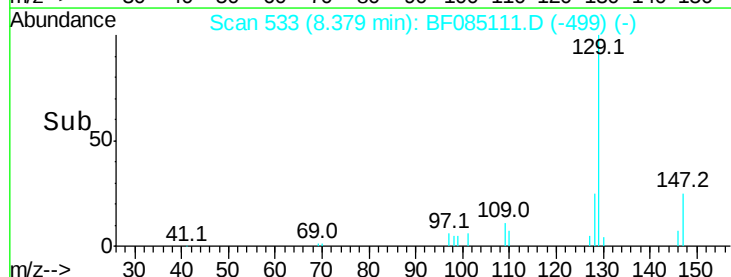
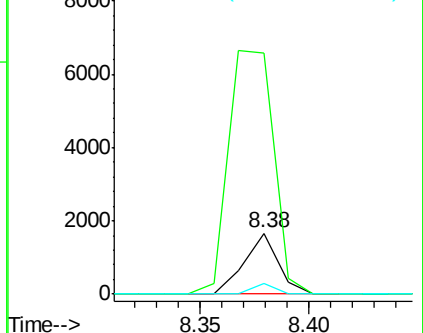
127 18.3 11.1 16.7#

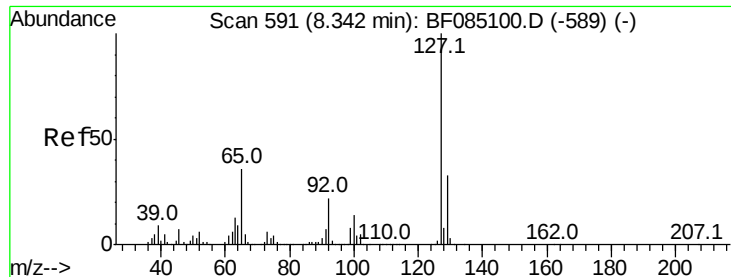


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

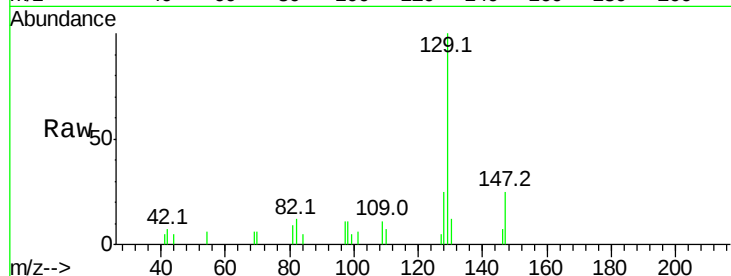




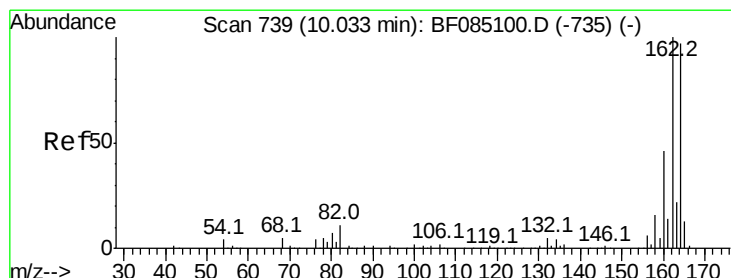
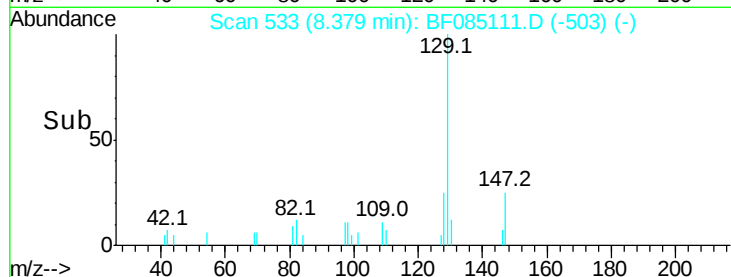
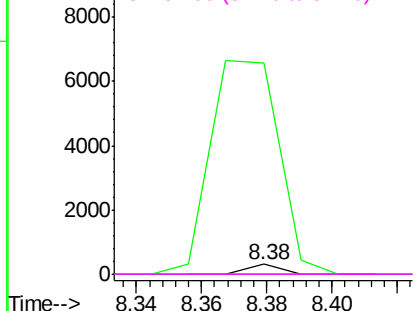
#33
4-Chloroaniline
Concen: 0.01 ng
RT: 8.38 min Scan# 533
Delta R.T. 0.04 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 209
Ion Ratio Lower Upper
127 100
129 2155.4 26.3 39.5#
65 0.0 28.6 43.0#
92 0.0 17.8 26.8#

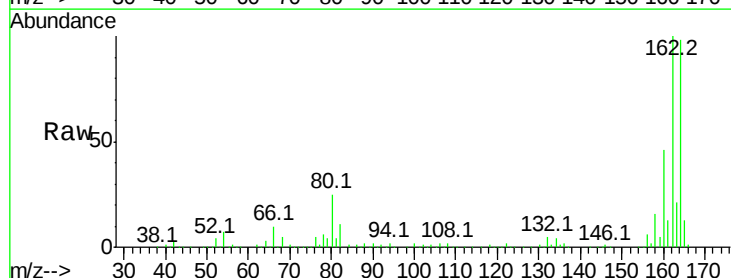


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

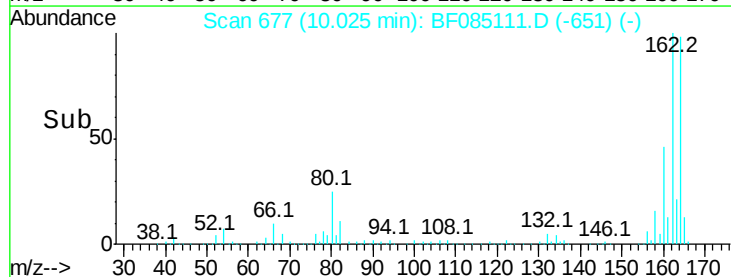
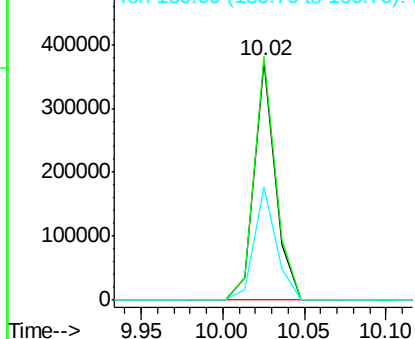


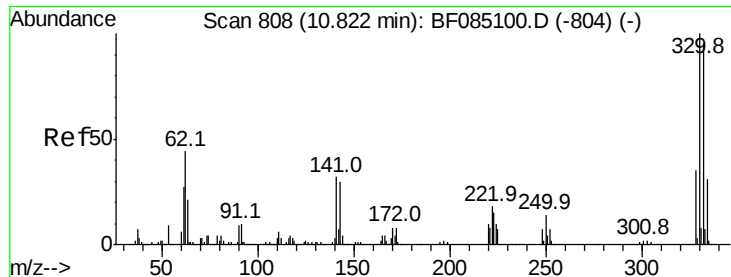
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Tgt Ion:164 Resp: 339847
Ion Ratio Lower Upper
164 100
162 102.1 82.6 123.8
160 47.2 38.2 57.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

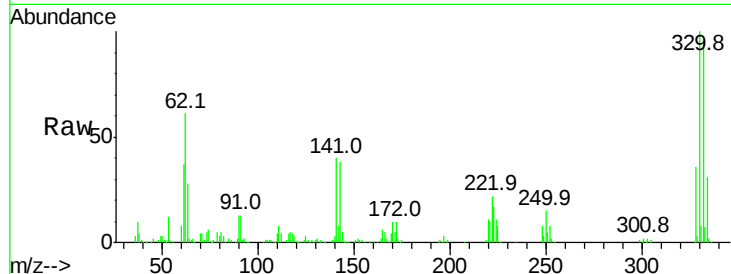




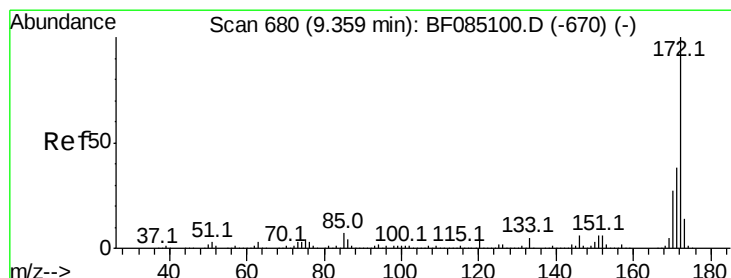
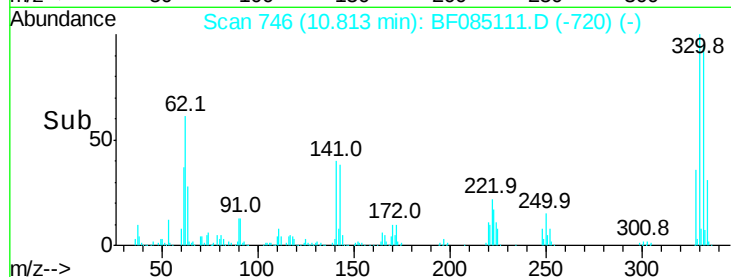
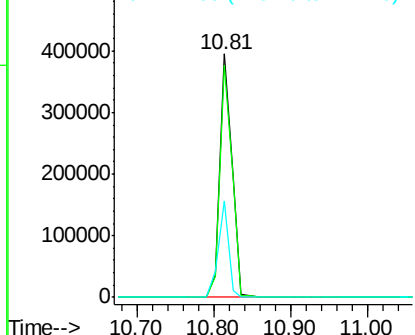
#41
 2,4,6-Tribromophenol
 Concen: 127.99 ng
 RT: 10.81 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF085111.D
 Acq: 2 Mar 2016 11:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.9	113.9
141	33.7	28.9	43.3

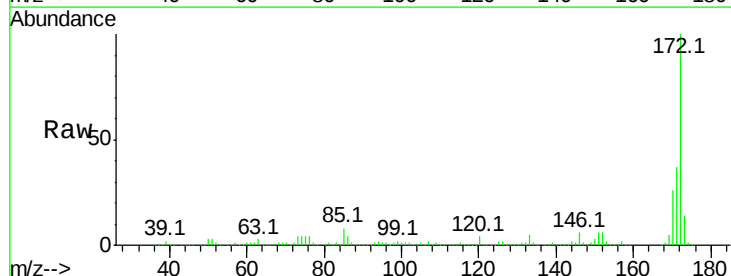


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

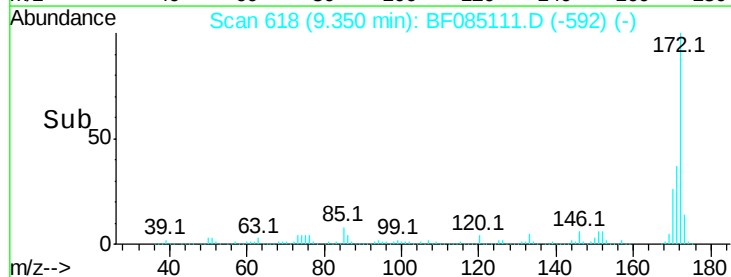
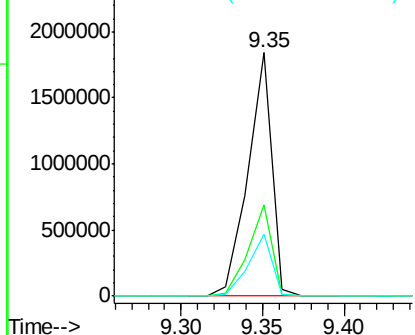


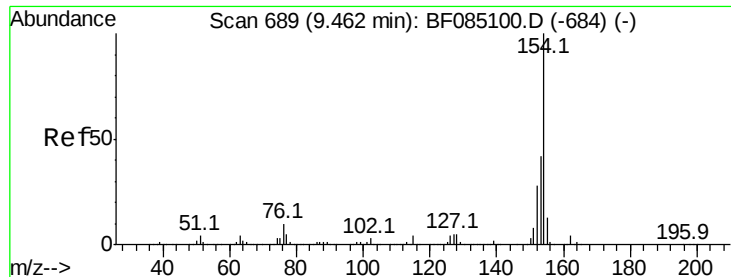
#44
 2-Fluorobiphenyl
 Concen: 80.93 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF085111.D
 Acq: 2 Mar 2016 11:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.5	45.7
170	25.6	21.2	31.8



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





#45

1,1'-Biphenyl

Concen: 0.13 ng

RT: 9.35 min Scan# 618

Delta R.T. -0.11 min

Lab File: BF085111.D

Acq: 2 Mar 2016 11:23

Instrument :

BNA_F

ClientSampleId :

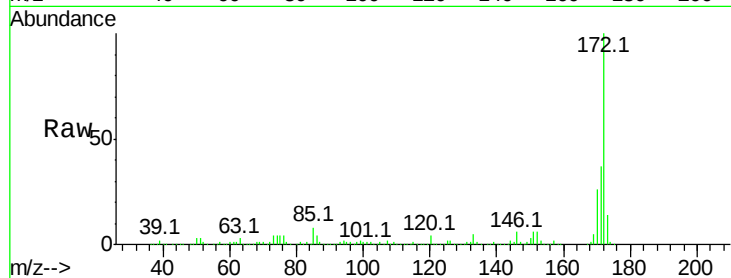
Tot Ion:154 Resp: 3961

Ion Ratio Lower Upper

154 100

153 897.7 21.5 61.5#

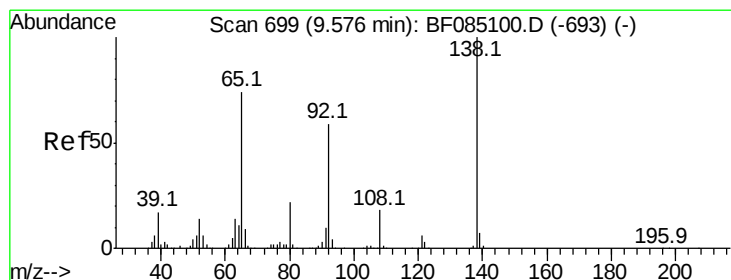
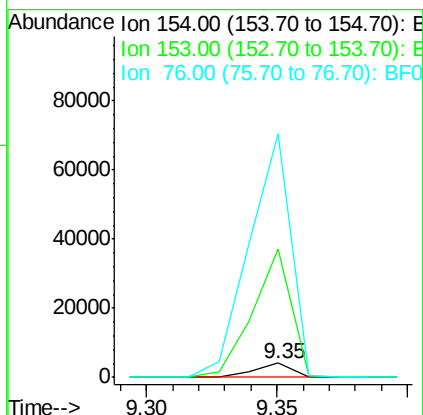
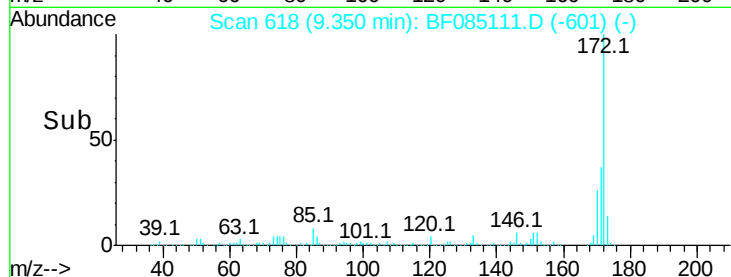
76 1694.2 0.0 29.7#



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: 0.47 ng

RT: 9.35 min Scan# 618

Delta R.T. -0.23 min

Lab File: BF085111.D

Acq: 2 Mar 2016 11:23

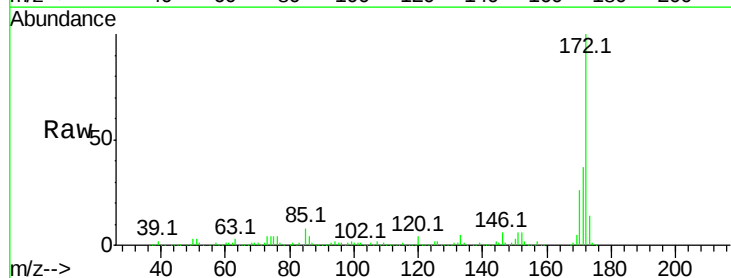
Tgt Ion: 65 Resp: 3271

Ion Ratio Lower Upper

65 100

92 227.9 63.8 95.6#

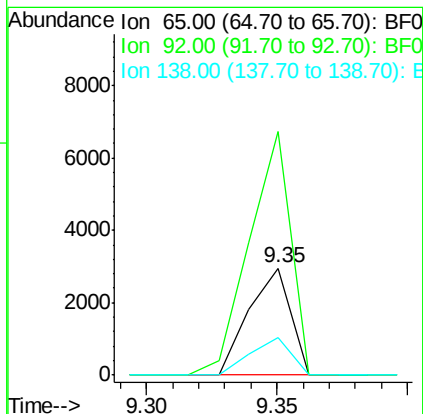
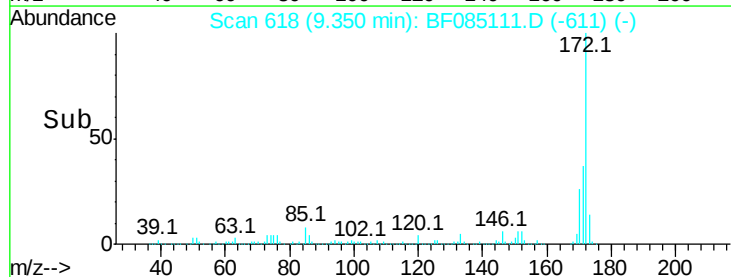
138 35.0 108.5 162.7#

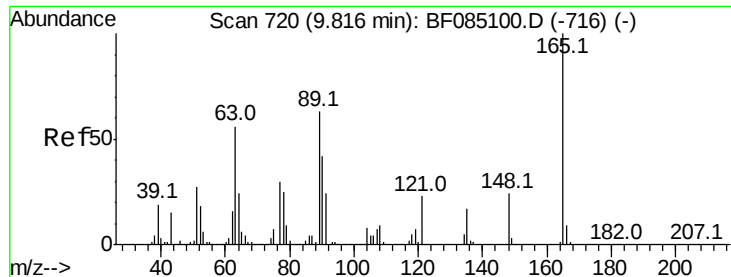


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E

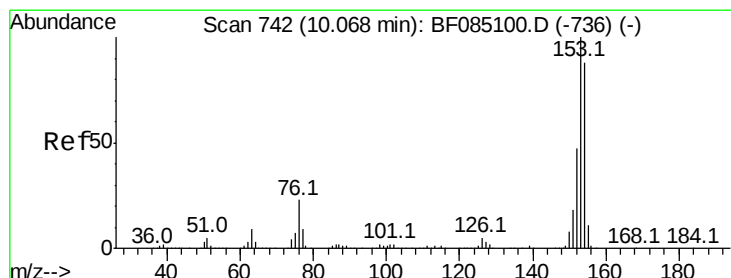
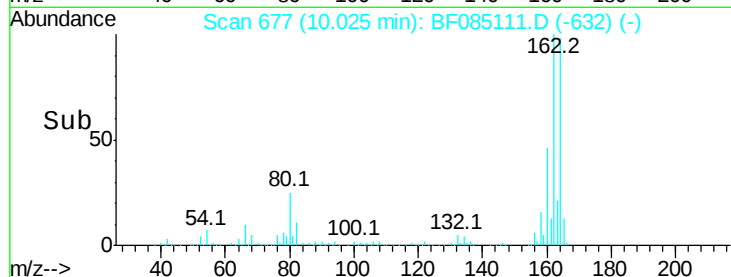
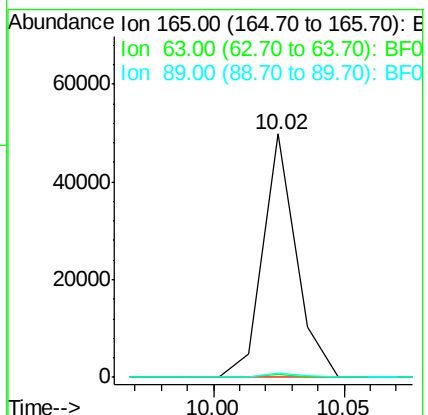
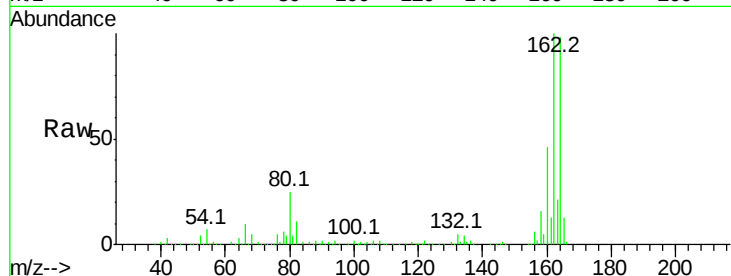




#50
2,6-Dinitrotoluene
Concen: 8.52 ng
RT: 10.02 min Scan# 677
Delta R.T. 0.21 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

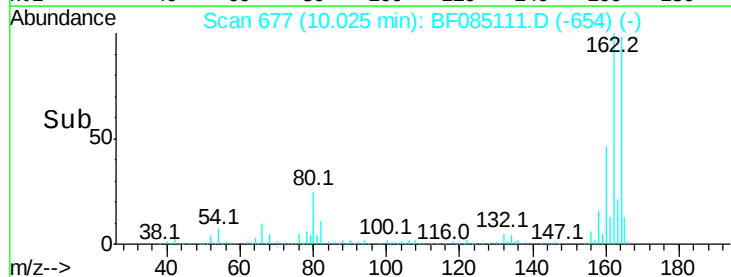
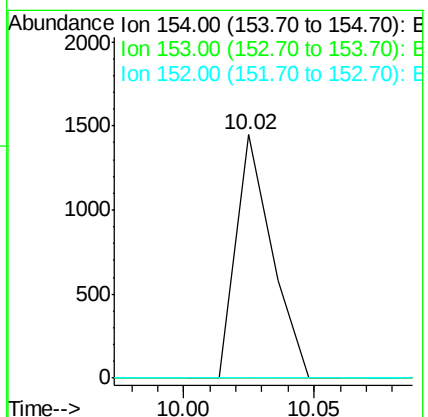
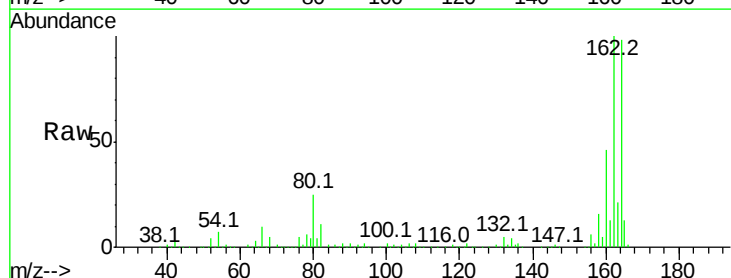
Instrument :
BNA_F
ClientSampleId :

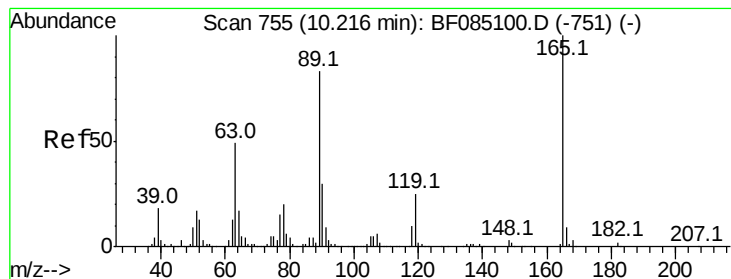
Tot Ion:165 Resp: 44519
Ion Ratio Lower Upper
165 100
63 1.1 47.4 71.2#
89 1.8 50.2 75.2#



#51
Acenaphthene
Concen: 0.07 ng
RT: 10.02 min Scan# 677
Delta R.T. -0.04 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Tgt Ion:154 Resp: 1394
Ion Ratio Lower Upper
154 100
153 0.0 91.0 136.6#
152 0.0 43.0 64.6#





#56

2,4-Dinitrotoluene

Concen: 6.32 ng

RT: 10.02 min Scan# 677

Delta R.T. -0.19 min

Lab File: BF085111.D

Acq: 2 Mar 2016 11:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 44511

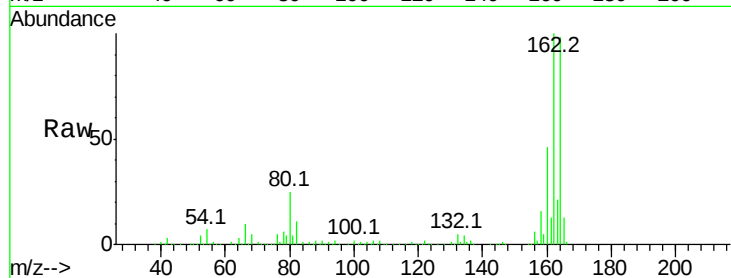
Ion Ratio Lower Upper

165 100

63 1.1 39.2 58.8#

89 1.8 66.2 99.4#

182 0.0 1.8 2.8#

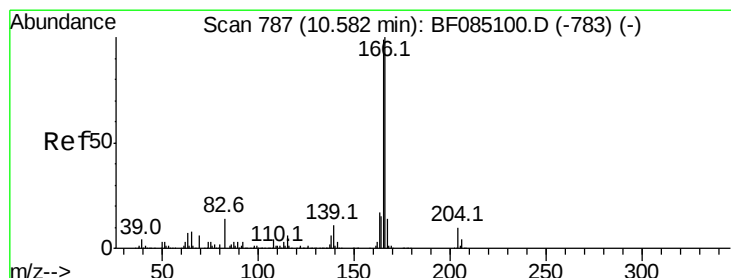
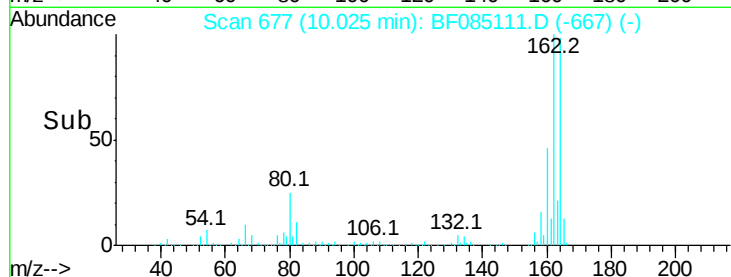
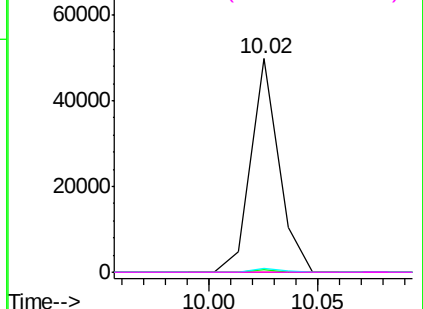


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 0.88 ng

RT: 10.81 min Scan# 746

Delta R.T. 0.23 min

Lab File: BF085111.D

Acq: 2 Mar 2016 11:23

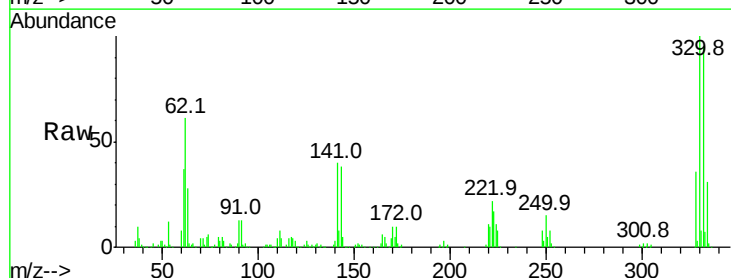
Tgt Ion:166 Resp: 18539

Ion Ratio Lower Upper

166 100

165 105.7 79.4 119.2

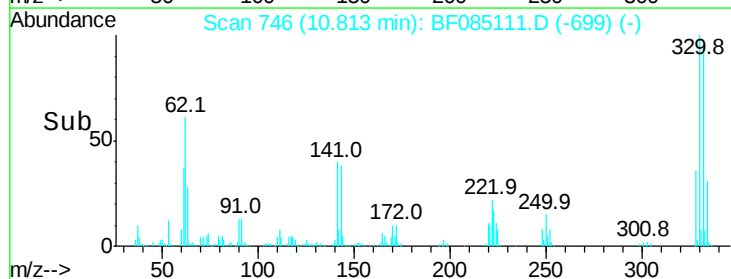
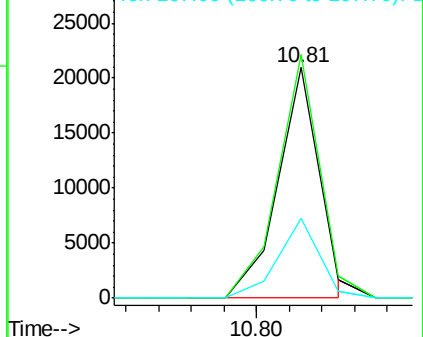
167 34.8 11.2 16.8#

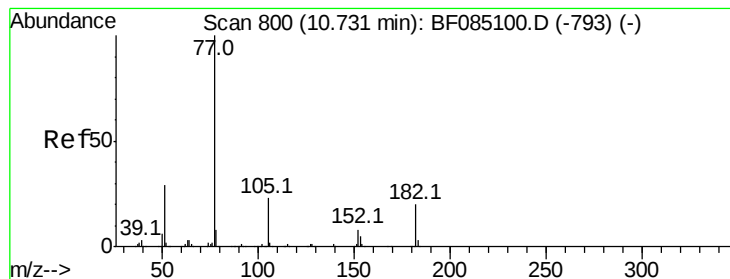


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#62

Azobenzene

Concen: 0.10 ng

RT: 10.81 min Scan# 746

Delta R.T. 0.08 min

Lab File: BF085111.D

Acq: 2 Mar 2016 11:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 2461

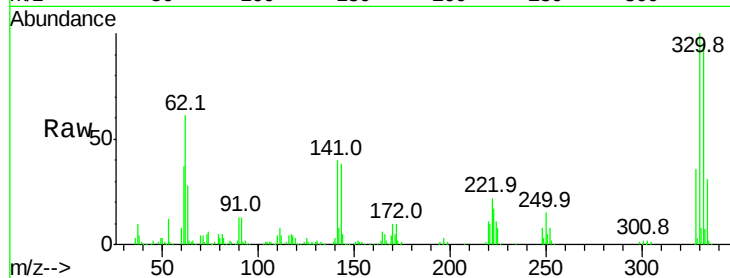
Ion Ratio Lower Upper

77 100

182 0.0 0.0 39.8

105 81.2 2.7 42.7#

51 82.5 9.4 49.4#

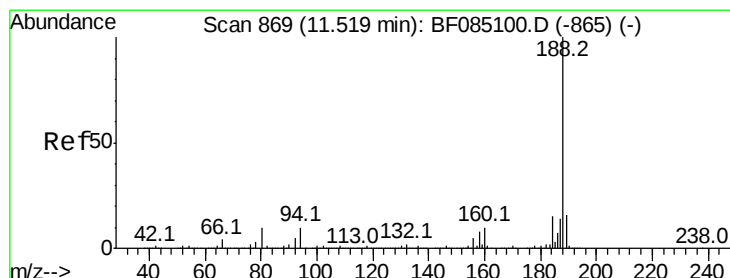
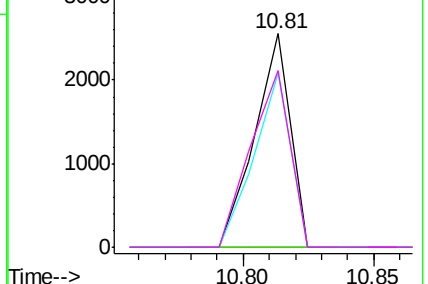
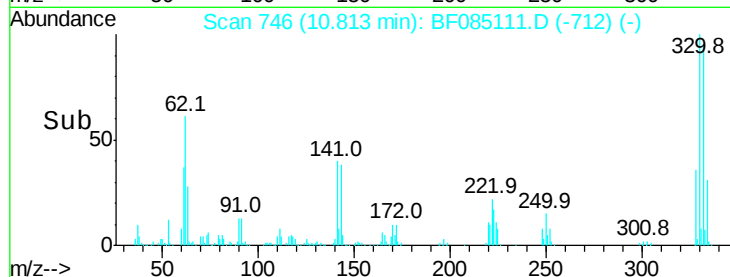


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF085111.D

Acq: 2 Mar 2016 11:23

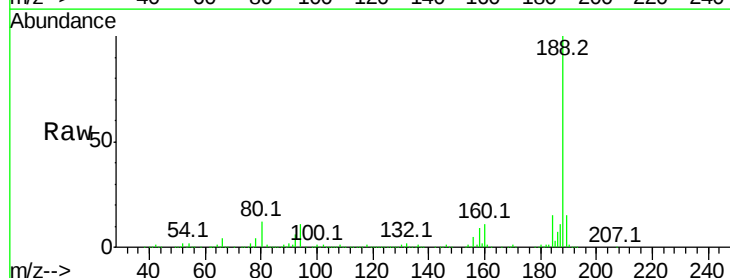
Tgt Ion: 188 Resp: 661072

Ion Ratio Lower Upper

188 100

94 11.3 7.8 11.6

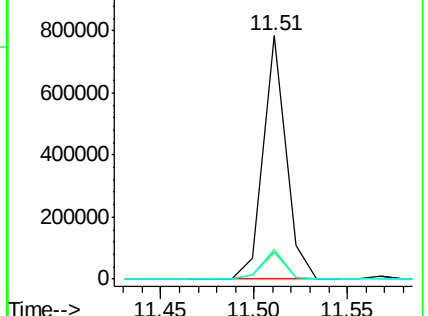
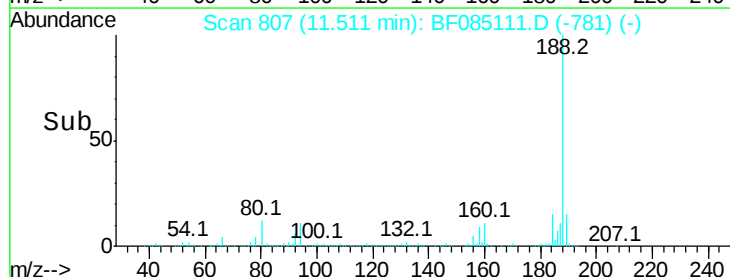
80 12.4 8.2 12.4#

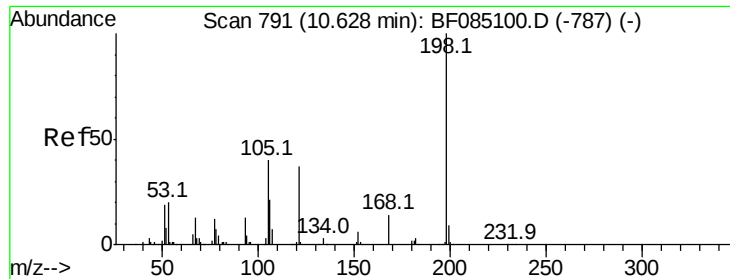


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

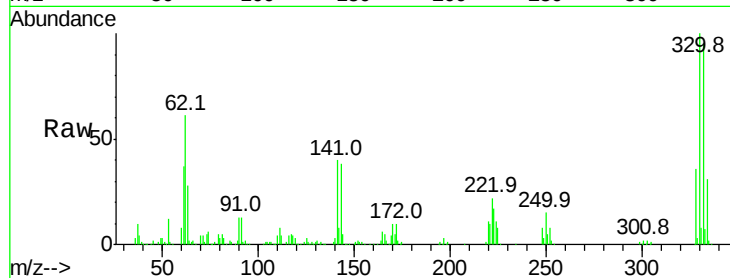




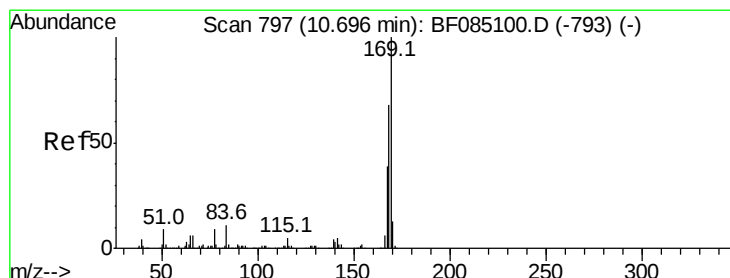
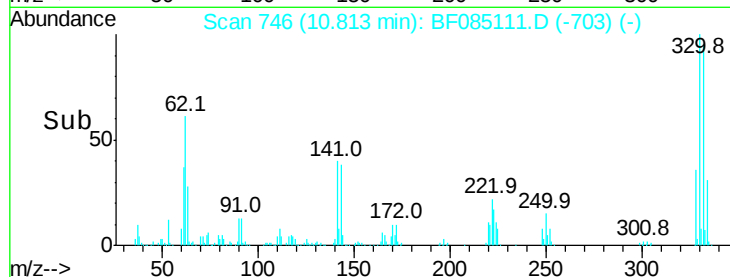
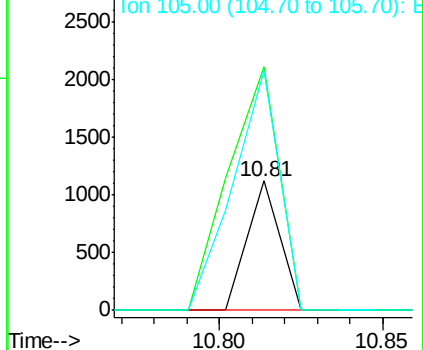
#64
4,6-Dinitro-2-methylphenol
Concen: 7.37 ng
RT: 10.81 min Scan# 746
Delta R.T. 0.19 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 770
Ion Ratio Lower Upper
198 100
51 187.8 12.5 52.5#
105 185.0 20.2 60.2#

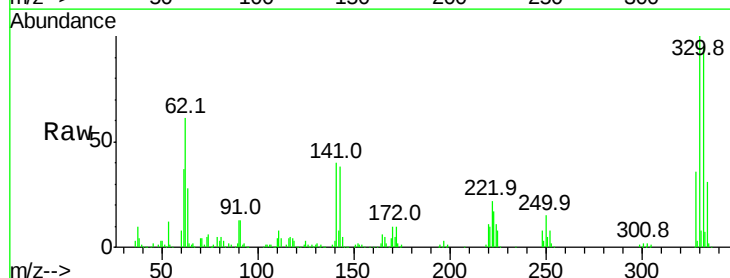


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

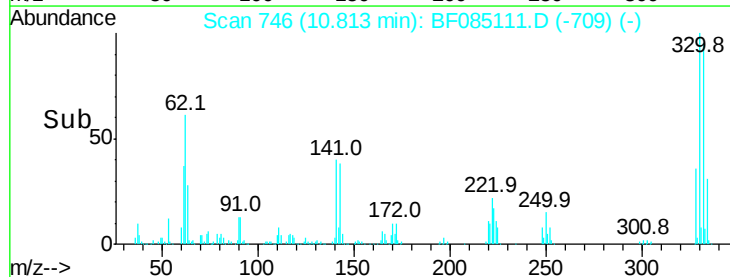
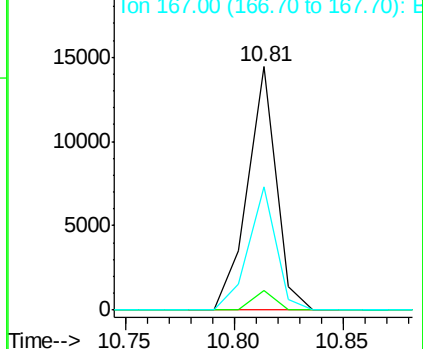


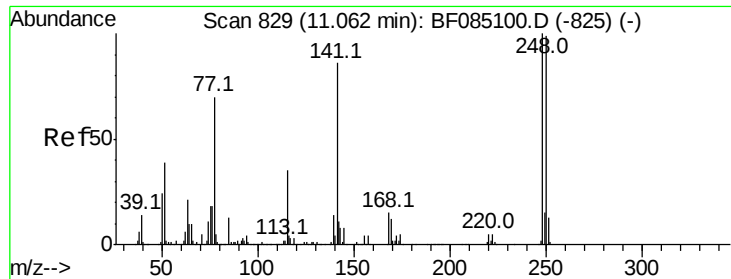
#65
n-Nitrosodiphenylamine
Concen: 0.64 ng
RT: 10.81 min Scan# 746
Delta R.T. 0.12 min
Lab File: BF085111.D
Acq: 2 Mar 2016 11:23

Tgt Ion:169 Resp: 13284
Ion Ratio Lower Upper
169 100
168 7.8 54.6 81.8#
167 50.5 30.8 46.2#



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





#66

4-Bromophenyl-phenylether

Concen: 4.13 ng

RT: 10.81 min Scan# 746

Delta R.T. -0.25 min

Lab File: BF085111.D

Acq: 2 Mar 2016 11:23

Instrument :

BNA_F

ClientSampleId :

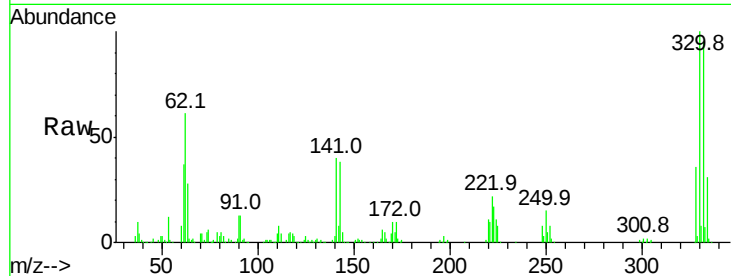
Tot Ion:248 Resp: 28660

Ion Ratio Lower Upper

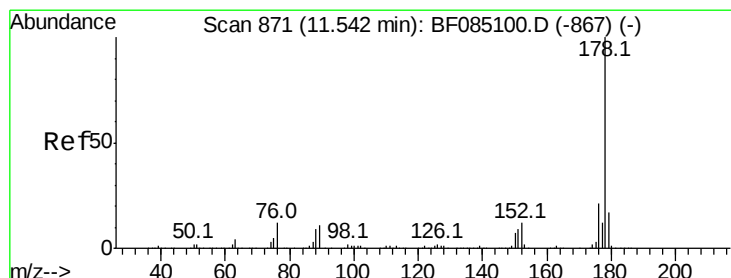
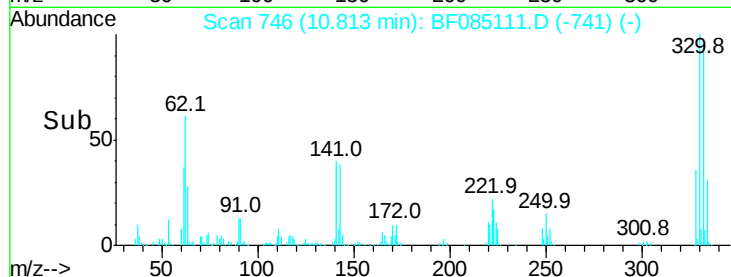
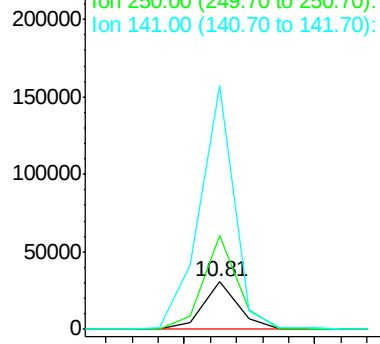
248 100

250 196.8 79.0 118.4#

141 511.3 68.6 103.0#



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



#70

Phenanthrene

Concen: 0.01 ng

RT: 11.51 min Scan# 807

Delta R.T. -0.03 min

Lab File: BF085111.D

Acq: 2 Mar 2016 11:23

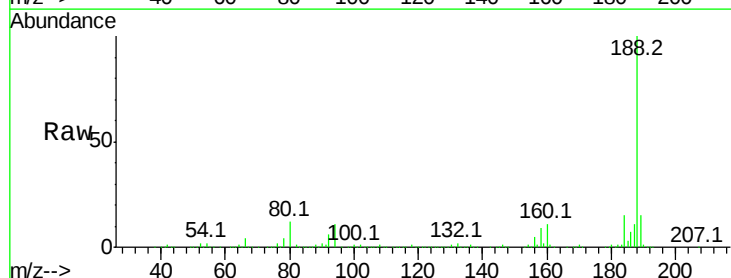
Tgt Ion:178 Resp: 275

Ion Ratio Lower Upper

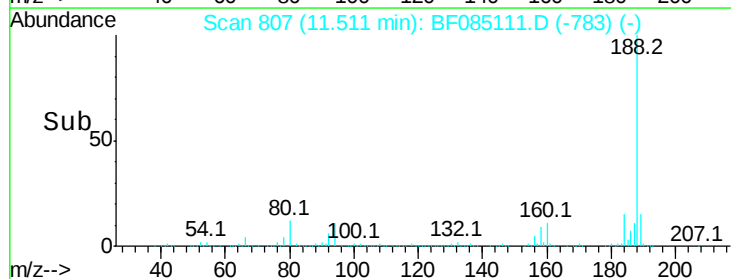
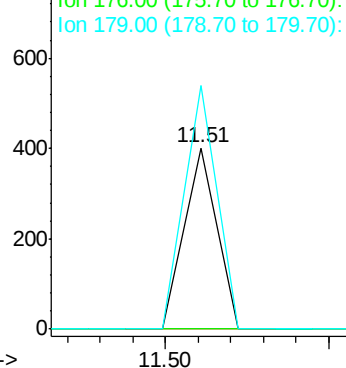
178 100

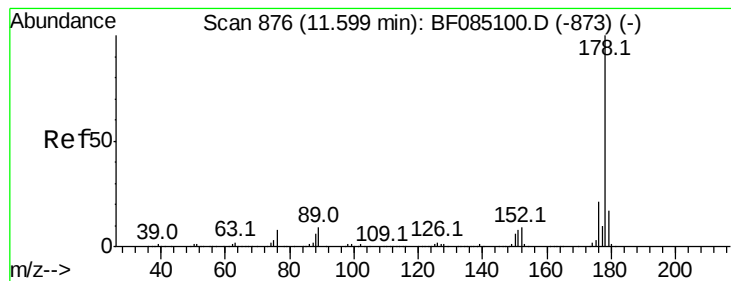
176 0.0 17.0 25.6#

179 134.4 13.3 19.9#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 0.01 ng

RT: 11.51 min Scan# 807

Delta R.T. -0.09 min

Lab File: BF085111.D

Acq: 2 Mar 2016 11:23

Instrument :

BNA_F

ClientSampleId :

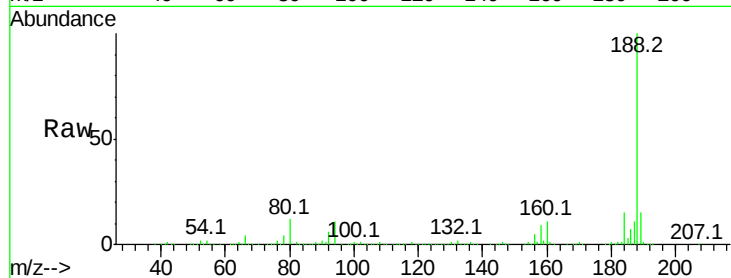
Tot Ion:178 Resp: 275

Ion Ratio Lower Upper

178 100

176 0.0 16.6 25.0#

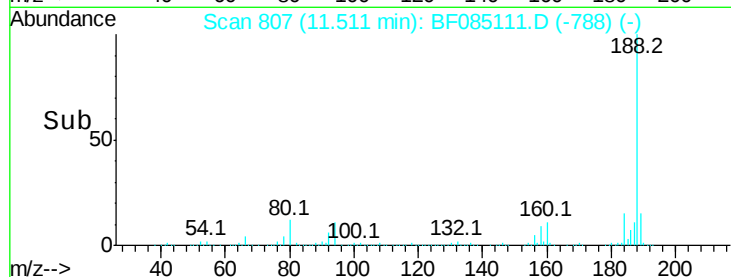
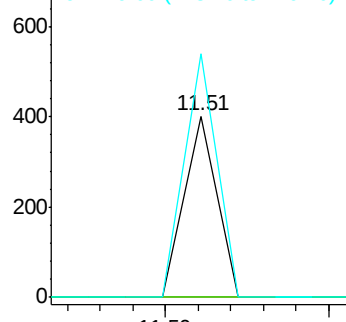
179 134.4 13.2 19.8#



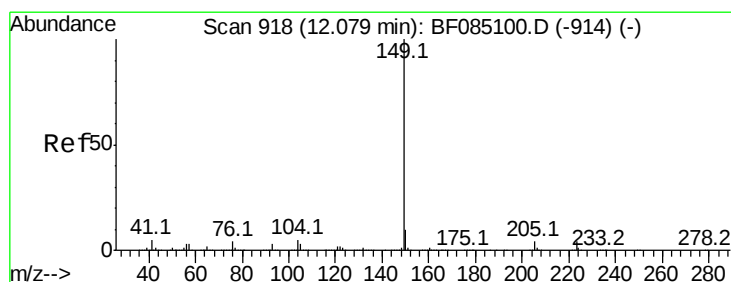
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#73

Di-n-butylphthalate

Concen: 0.01 ng

RT: 12.07 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF085111.D

Acq: 2 Mar 2016 11:23

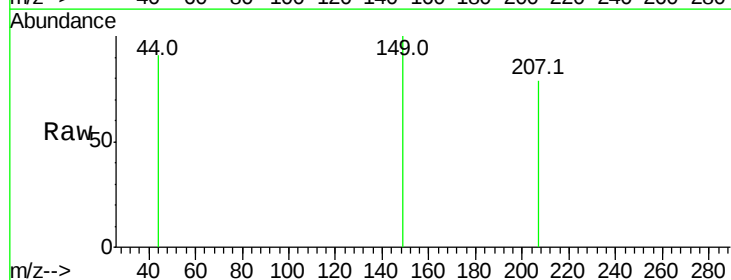
Tgt Ion:149 Resp: 297

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

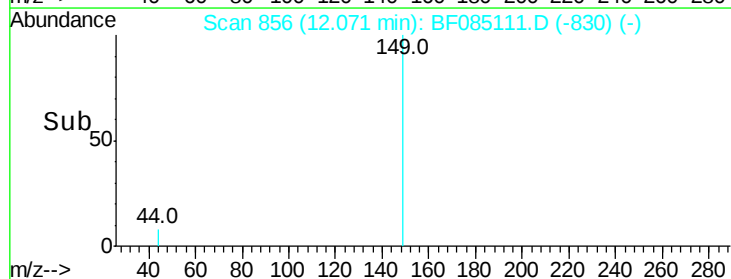
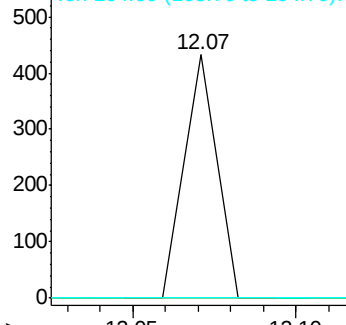
104 0.0 3.7 5.5#



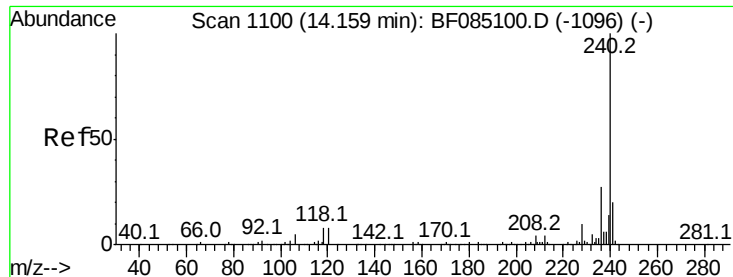
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.15 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF085111.D

Acq: 2 Mar 2016 11:23

Instrument :

BNA_F

ClientSampleId :

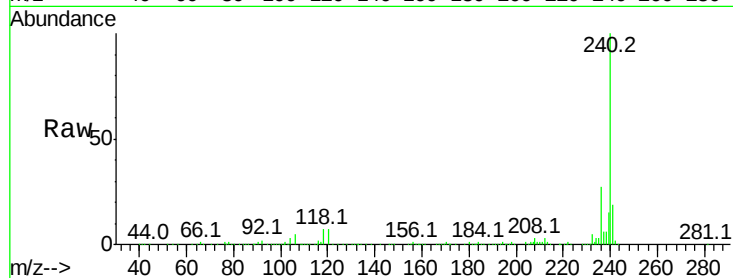
Tot Ion:240 Resp: 592088

Ion Ratio Lower Upper

240 100

120 7.2 6.7 10.1

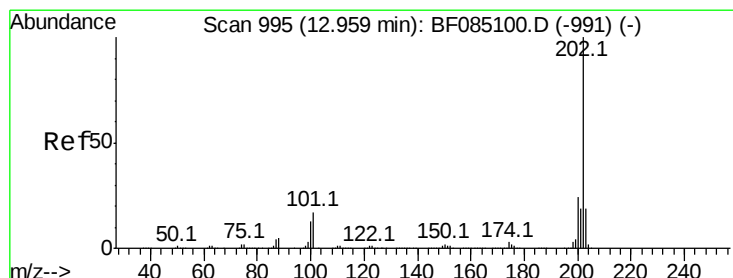
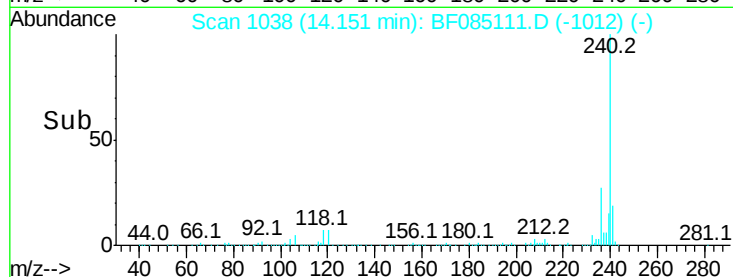
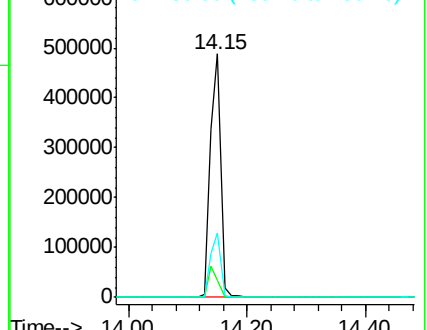
236 26.7 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 0.18 ng

RT: 13.10 min Scan# 946

Delta R.T. 0.14 min

Lab File: BF085111.D

Acq: 2 Mar 2016 11:23

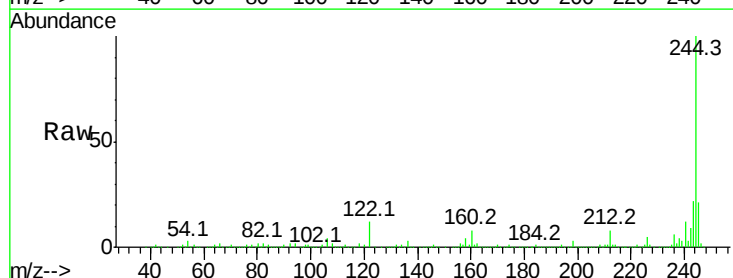
Tgt Ion:202 Resp: 7289

Ion Ratio Lower Upper

202 100

200 49.3 19.0 28.6#

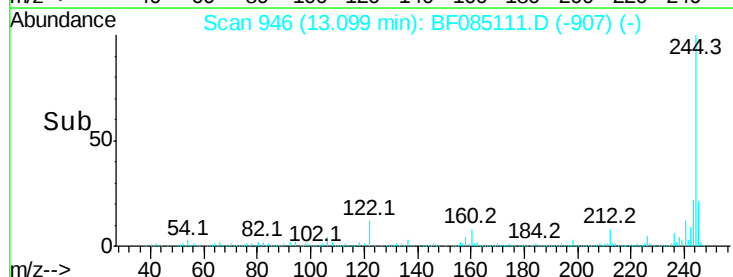
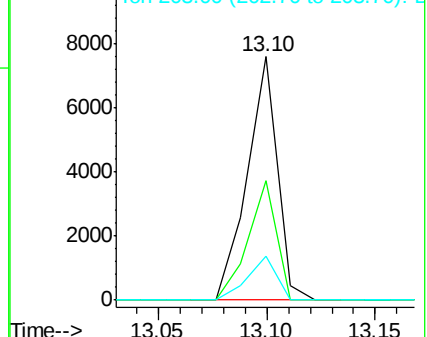
203 18.2 15.0 22.6

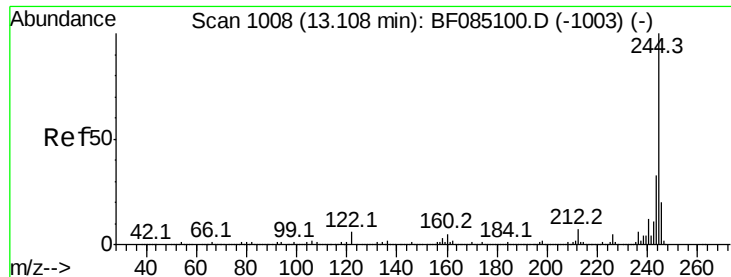


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 77.77 ng

RT: 13.10 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF085111.D

Acq: 2 Mar 2016 11:23

Instrument :

BNA_F

ClientSampleId :

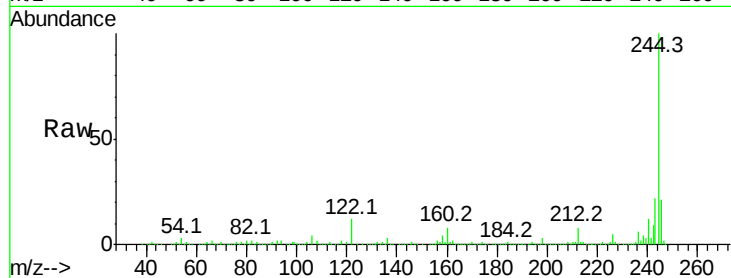
Tot Ion:244 Resp: 1962934

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.0

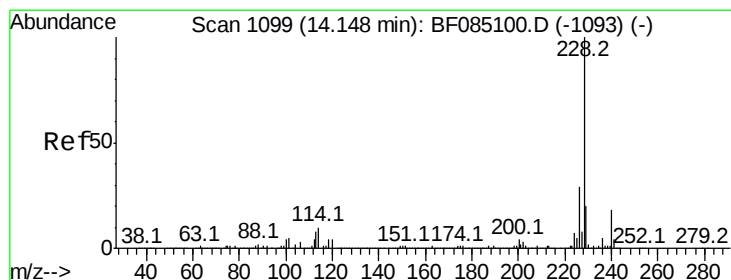
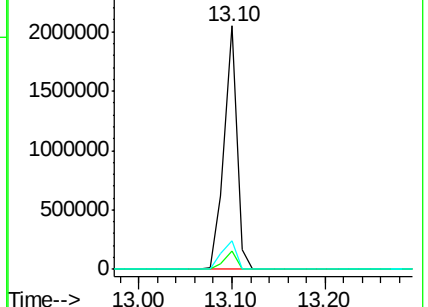
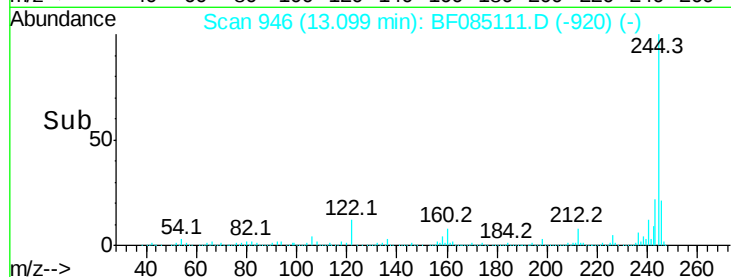
122 12.0 5.1 7.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 0.04 ng

RT: 14.15 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF085111.D

Acq: 2 Mar 2016 11:23

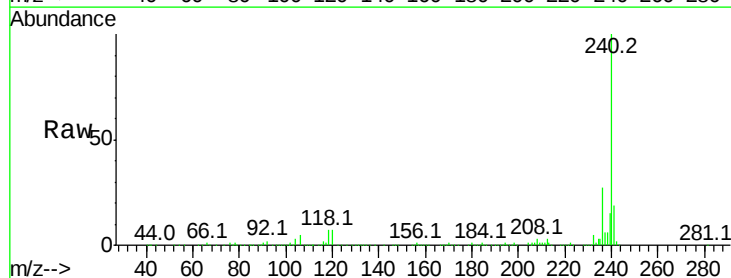
Tgt Ion:228 Resp: 1447

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.4#

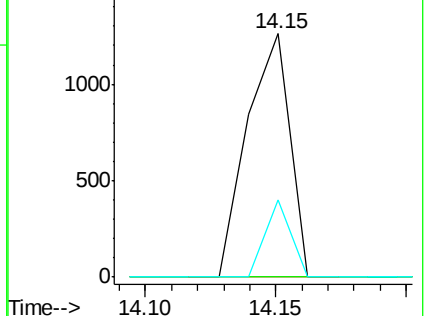
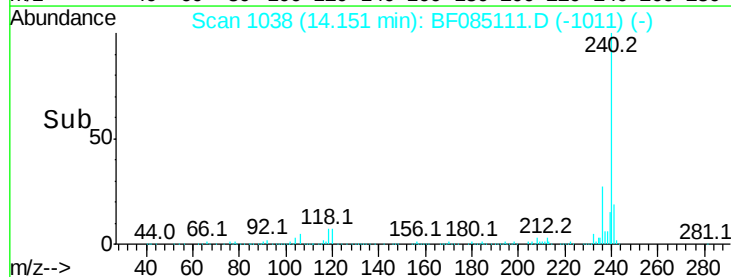
229 31.5 16.1 24.1#

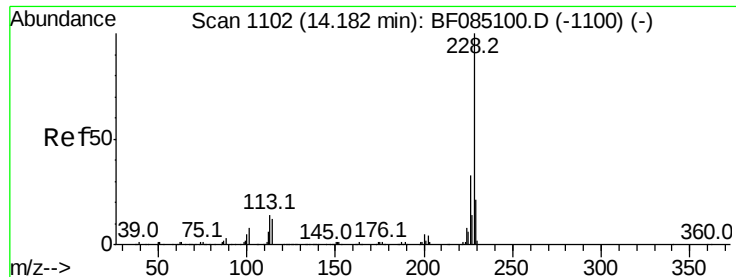


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 0.05 ng

RT: 14.15 min Scan# 1038

Delta R.T. -0.03 min

Lab File: BF085111.D

Acq: 2 Mar 2016 11:23

Instrument :

BNA_F

ClientSampleId :

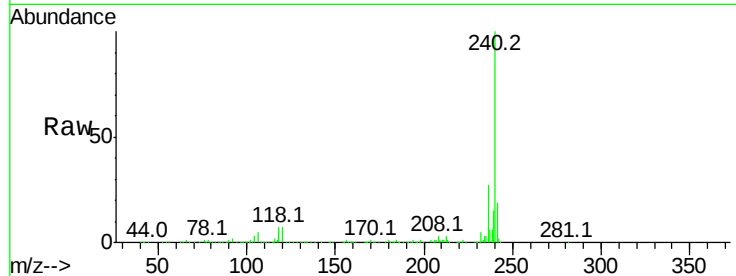
Tot Ion:228 Resp: 1447

Ion Ratio Lower Upper

228 100

226 0.0 26.2 39.4#

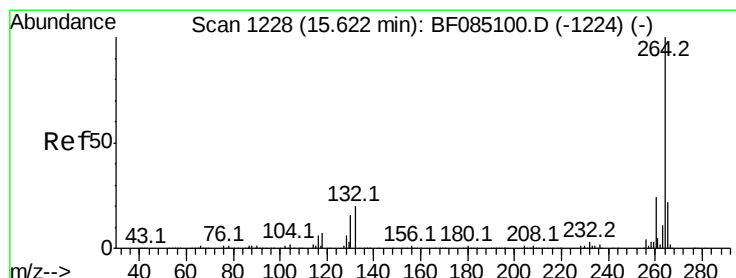
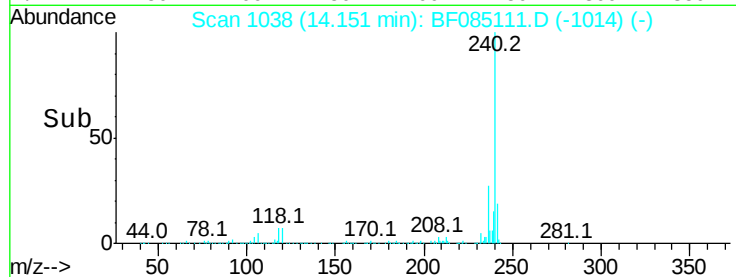
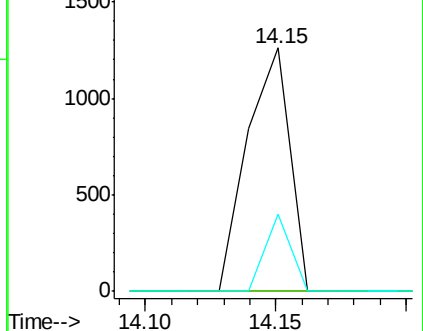
229 31.5 16.5 24.7#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.63 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF085111.D

Acq: 2 Mar 2016 11:23

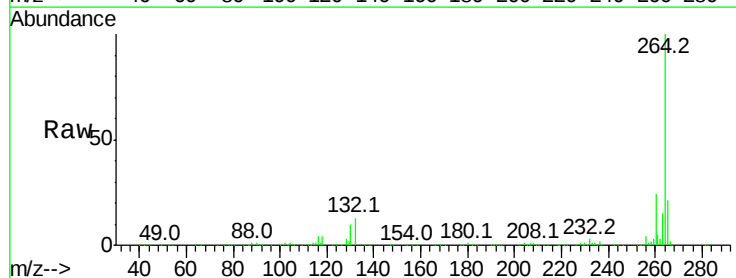
Tgt Ion:264 Resp: 412212

Ion Ratio Lower Upper

264 100

260 23.7 19.6 29.4

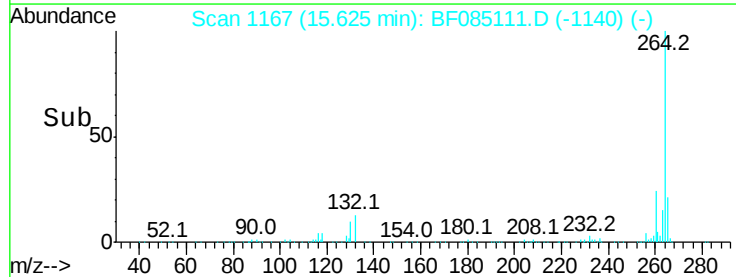
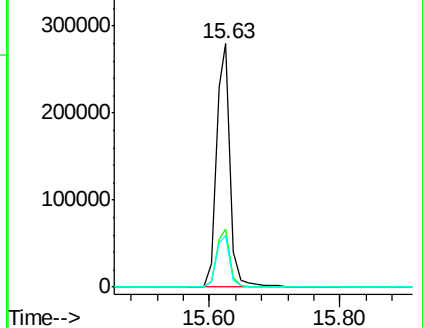
265 21.0 17.4 26.2

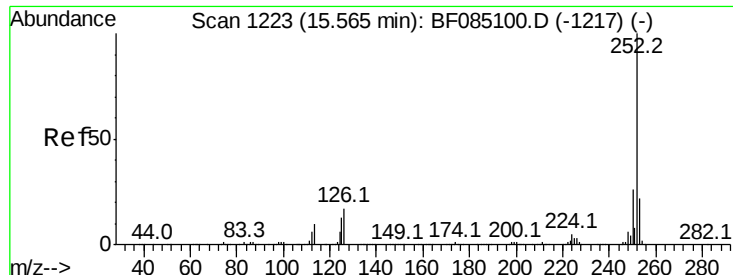


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#89

Benzo(a)pyrene

Concen: 0.06 ng

RT: 15.61 min Scan# 1166

Delta R.T. 0.05 min

Lab File: BF085111.D

Acq: 2 Mar 2016 11:23

Instrument :

BNA_F

ClientSampleId :

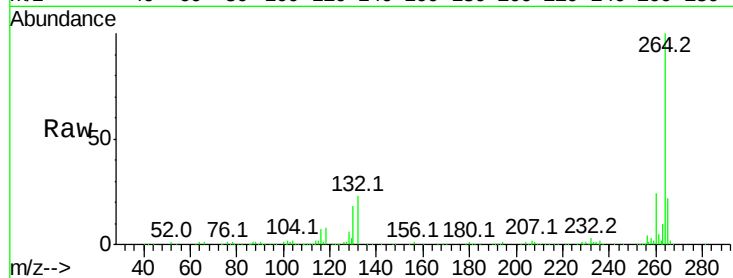
Tot Ion:252 Resp: 1173

Ion Ratio Lower Upper

252 100

253 35.2 18.0 27.0#

125 0.0 10.2 15.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

