

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122215\
 Data File : BF084001.D
 Acq On : 22 Dec 2015 21:15
 Operator : UM/SJ
 Sample : PB87482BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87482BL

Quant Time: Dec 23 01:07:27 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	58332	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	274044	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	98905	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	200146	20.00	ng	0.00
75) Chrysene-d12	13.99	240	213318	20.00	ng	-0.01
86) Perylene-d12	15.41	264	202584	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	422249	123.42	ng	0.01
7) Phenol-d6	6.48	99	552666	137.39	ng	0.00
23) Nitrobenzene-d5	7.39	82	364479	81.70	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	147558	155.11	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	742703	101.06	ng	0.00
78) Terphenyl-d14	12.93	244	674208	75.37	ng	0.00

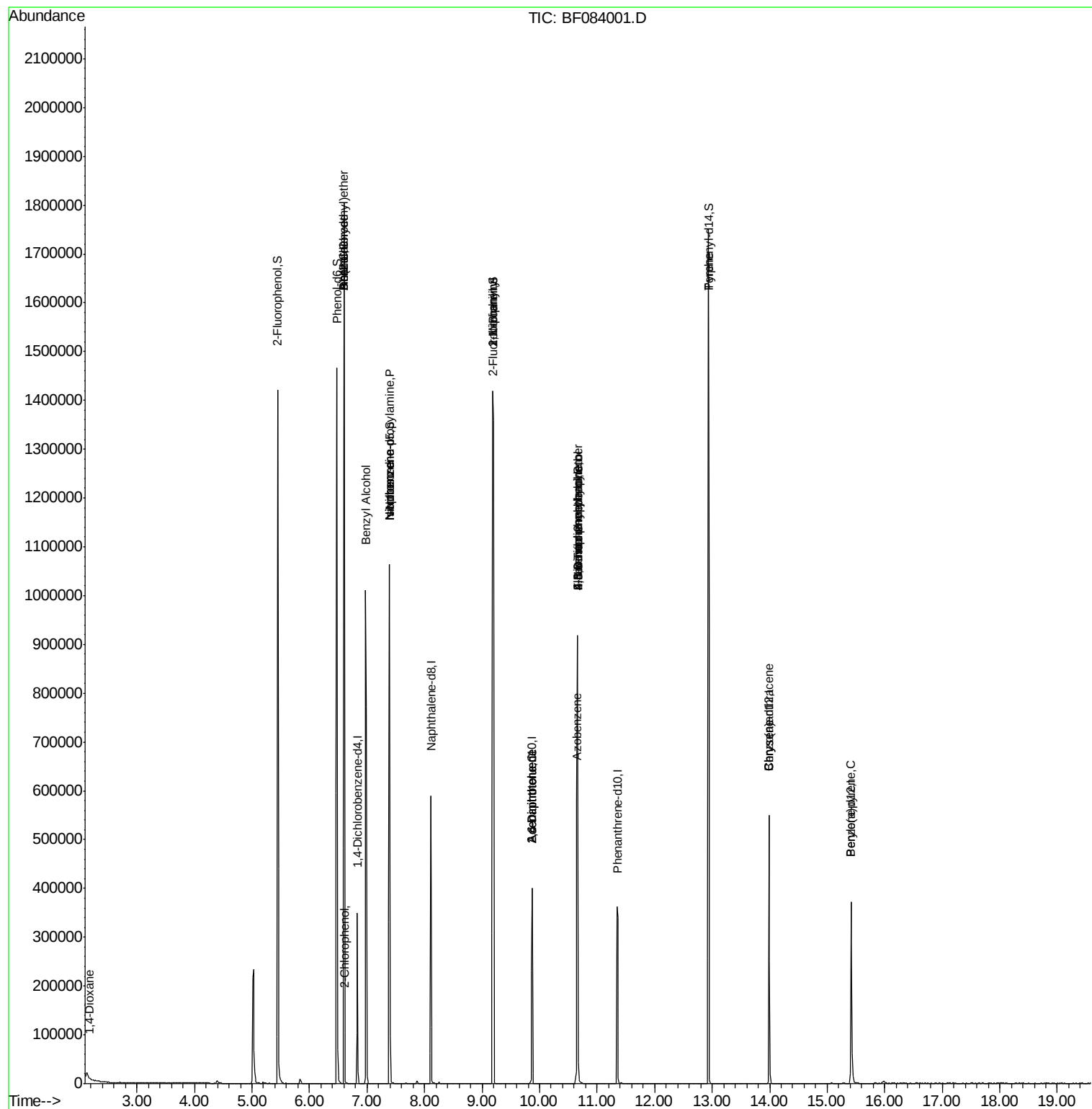
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.17	88	709	0.44	ng	# 27
6) Aniline	6.60	93	564	0.10	ng	# 1
8) 2-Chlorophenol	6.61	128	213	0.05	ng	# 1
9) Benzaldehyde	6.60	77	11558	4.30	ng	# 89
10) Phenol	6.60	94	796	0.17	ng	# 1
11) bis(2-Chloroethyl)ether	6.60	93	564	0.16	ng	# 1
15) Benzyl Alcohol	6.98	79	5619	1.77	ng	# 45
19) n-Nitroso-di-n-propylamine	7.39	70	49051	20.12	ng	# 77
24) Nitrobenzene	7.39	77	1021	0.22	ng	# 33
25) Isophorone	7.39	82	283696	33.56	ng	# 66
45) 1,1'-Biphenyl	9.18	154	1396	0.16	ng	# 1
47) 2-Nitroaniline	9.18	65	966	0.56	ng	# 1
50) 2,6-Dinitrotoluene	9.87	165	12935	7.92	ng	# 35
51) Acenaphthene	9.87	154	264	0.04	ng	# 4
56) 2,4-Dinitrotoluene	9.87	165	12935	6.30	ng	# 20
57) Fluorene	10.66	166	5805	0.83	ng	# 91
62) Azobenzene	10.65	77	683	0.10	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.66	198	240	0.21	ng	# 12
65) n-Nitrosodiphenylamine	10.66	169	4404	0.60	ng	# 51
66) 4-Bromophenyl-phenylether	10.66	248	10148	4.42	ng	# 1
77) Pyrene	12.93	202	2421	0.17	ng	# 65
80) Benzo(a)anthracene	13.99	228	341	0.03	ng	# 51
82) Chrysene	13.99	228	341	0.03	ng	# 49
89) Benzo(a)pyrene	15.41	252	638	0.05	ng	# 61

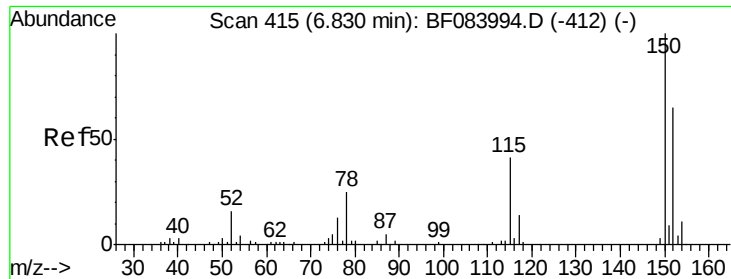
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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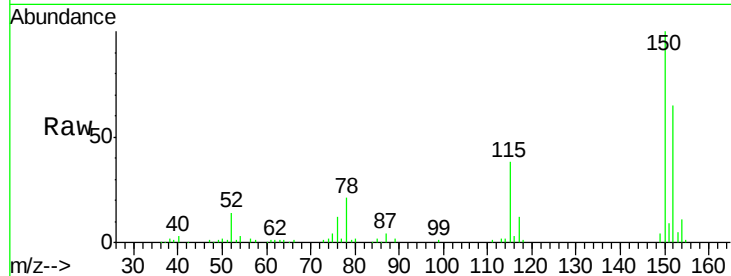


#1

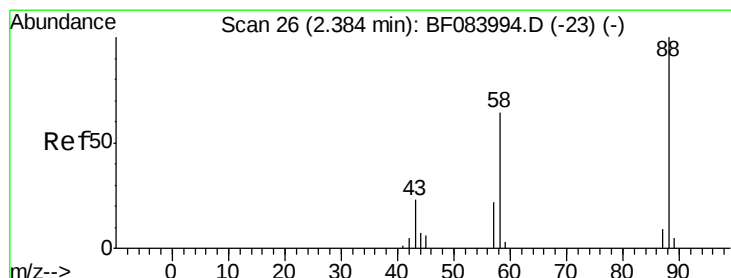
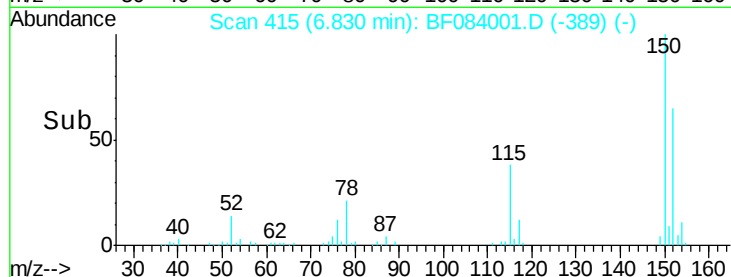
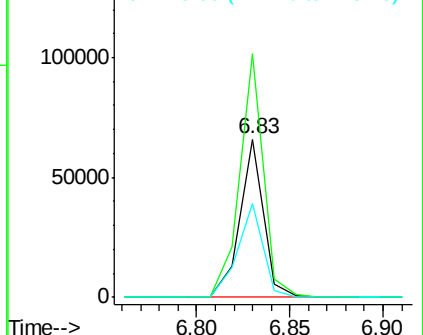
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF084001.D
Acq: 22 Dec 2015 21:15

Instrument :
BNA_F
ClientSampleId :
PB87482BL

Tgt Ion: 152 Resp: 58332
Ion Ratio Lower Upper
152 100
150 153.6 123.0 184.4
115 58.9 51.4 77.2



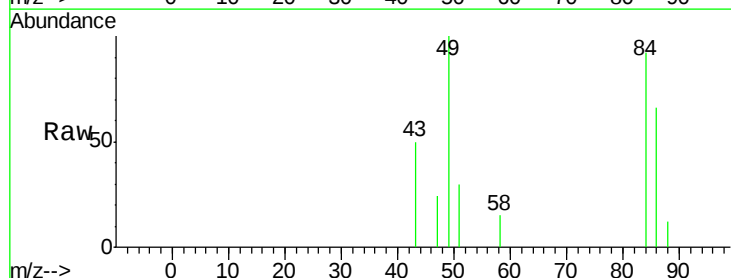
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



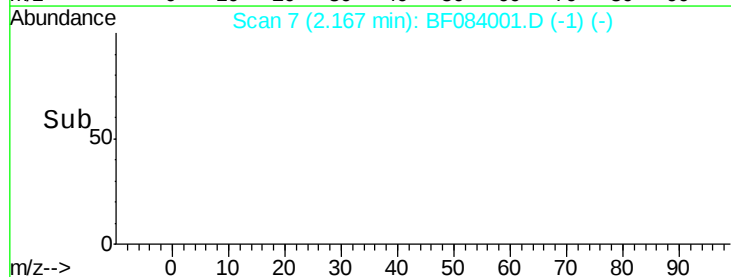
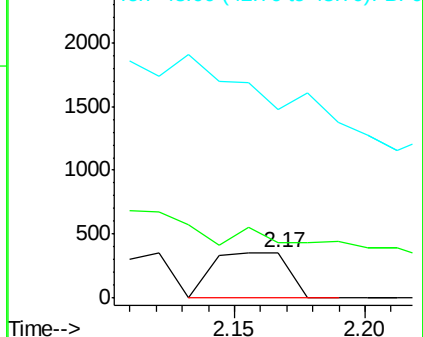
#2

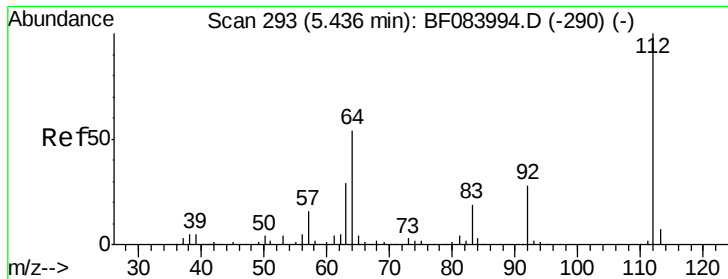
1,4-Dioxane
Concen: 0.44 ng
RT: 2.17 min Scan# 7
Delta R.T. -0.22 min
Lab File: BF084001.D
Acq: 22 Dec 2015 21:15

Tgt Ion: 88 Resp: 709
Ion Ratio Lower Upper
88 100
58 0.0 51.2 76.8#
43 0.0 19.5 29.3#



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: 123.42 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF084001.D

Acq: 22 Dec 2015 21:15

Instrument :

BNA_F

ClientSampleId :

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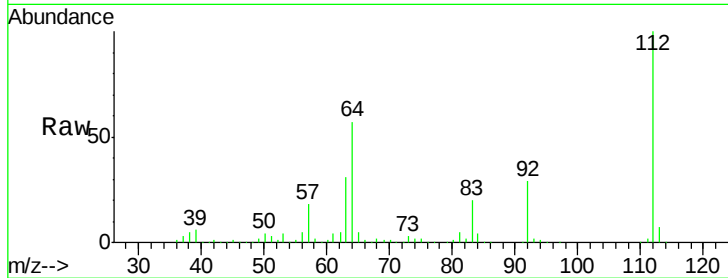
Tgt Ion:112 Resp: 422249

Ion Ratio Lower Upper

112 100

64 57.2 36.6 55.0#

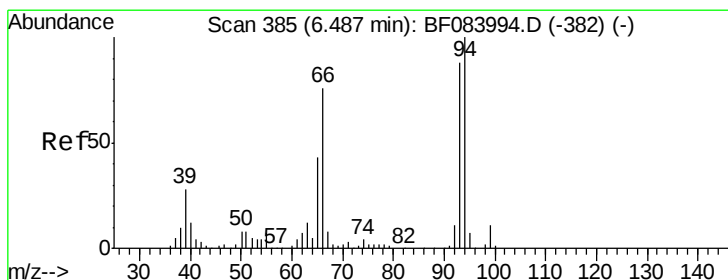
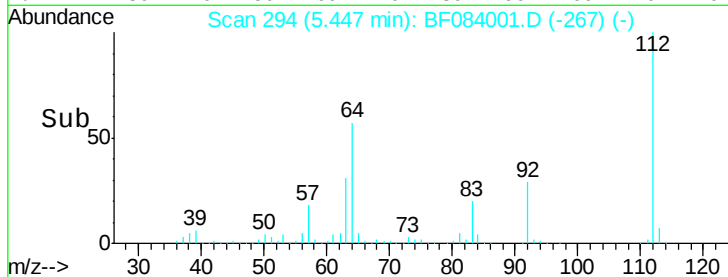
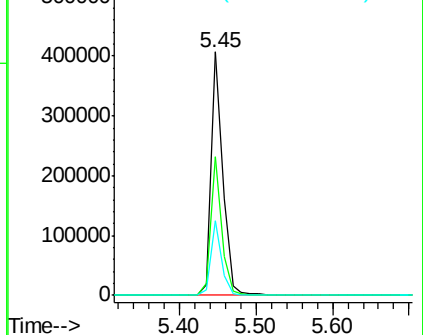
63 30.8 19.4 29.0#



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: 0.10 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.11 min

Lab File: BF084001.D

Acq: 22 Dec 2015 21:15

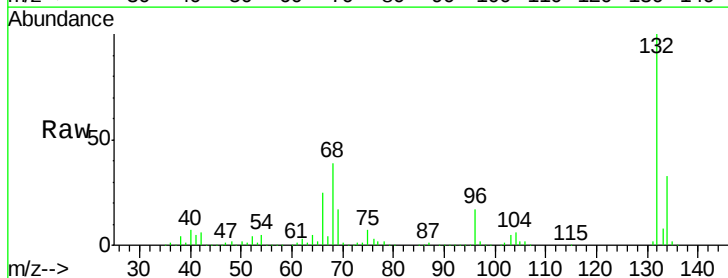
Tgt Ion: 93 Resp: 564

Ion Ratio Lower Upper

93 100

66 16342.6 44.9 67.3#

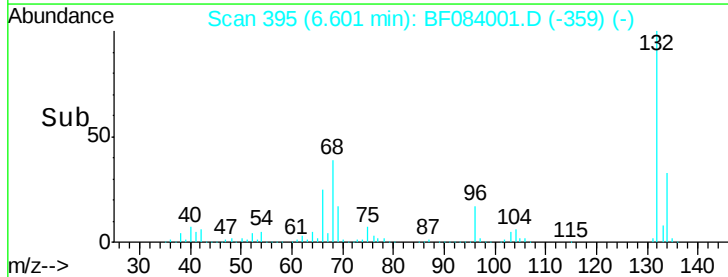
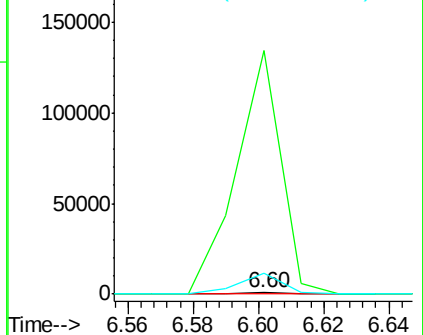
65 1403.3 23.7 35.5#

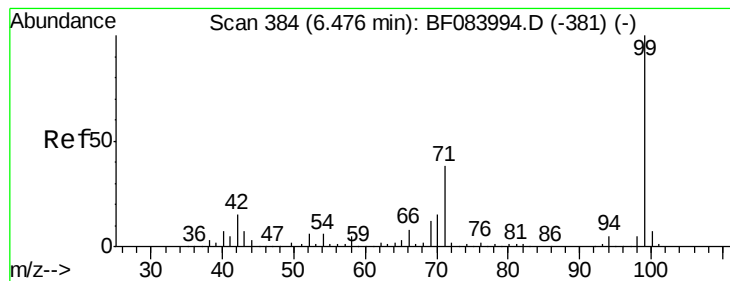


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 137.39 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084001.D

Acq: 22 Dec 2015 21:15

Instrument :

BNA_F

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PB87482BL

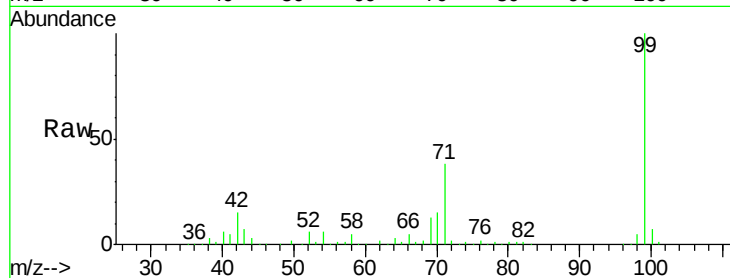
Tgt Ion: 99 Resp: 552666

Ion Ratio Lower Upper

99 100

42 15.4 12.8 19.2

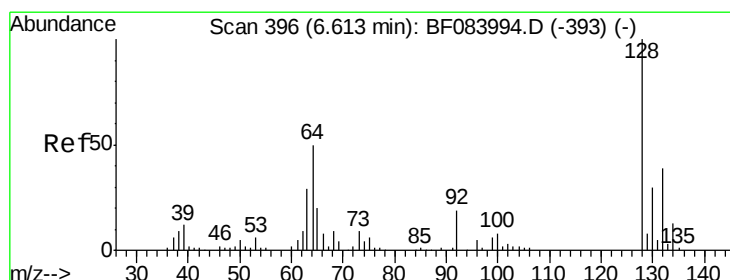
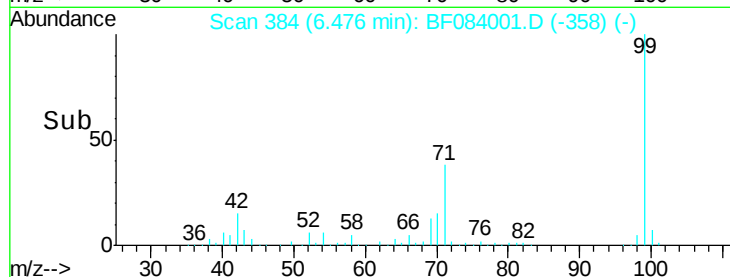
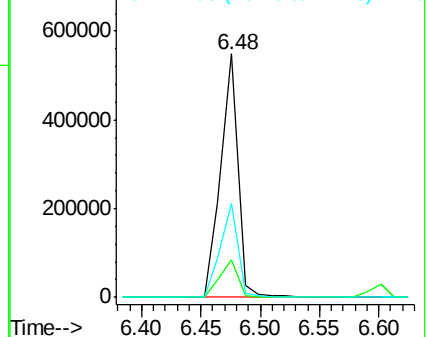
71 38.5 30.9 46.3



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



#8

2-Chlorophenol

Concen: 0.05 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF084001.D

Acq: 22 Dec 2015 21:15

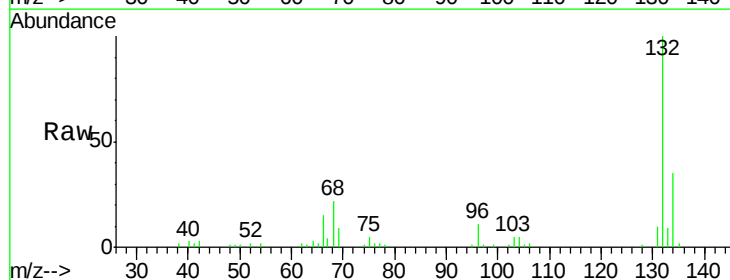
Tgt Ion: 128 Resp: 213

Ion Ratio Lower Upper

128 100

130 0.0 11.6 51.6#

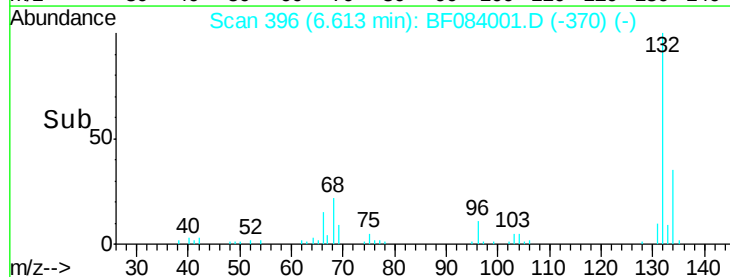
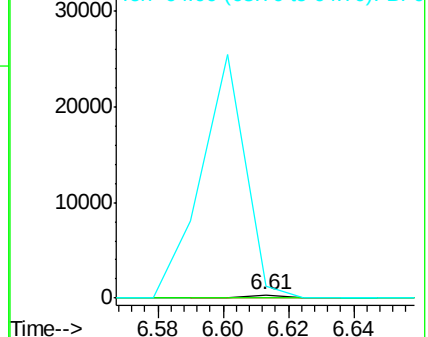
64 416.8 23.8 63.8#

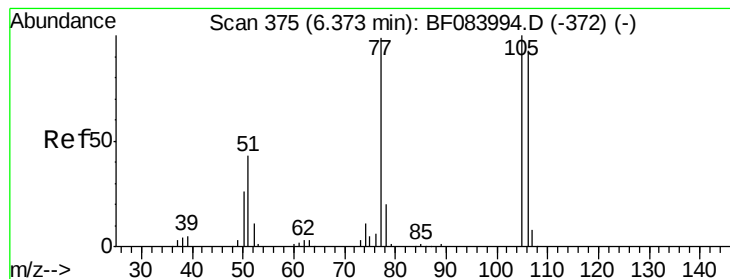


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 4.30 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.23 min

Lab File: BF084001.D

Acq: 22 Dec 2015 21:15

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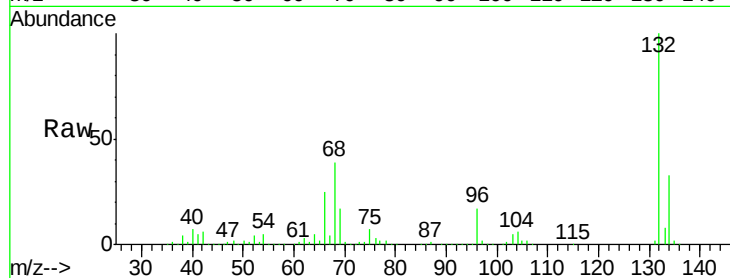
Tgt Ion: 77 Resp: 11558

Ion Ratio Lower Upper

77 100

105 87.3 83.0 123.0

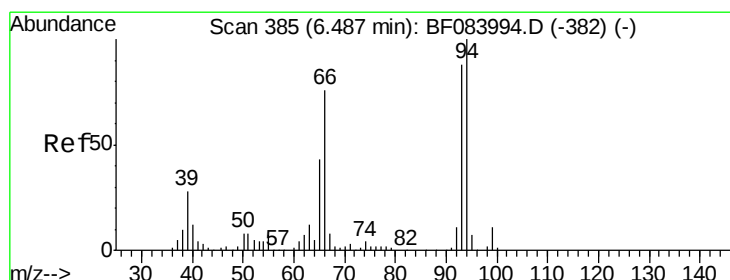
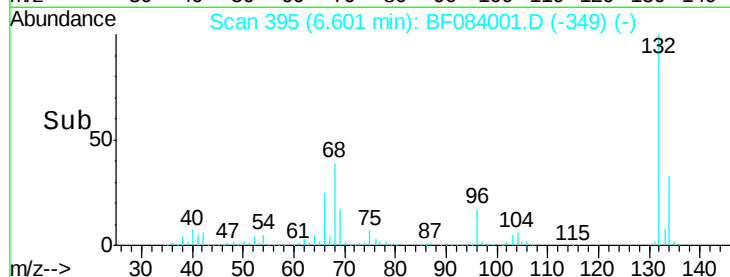
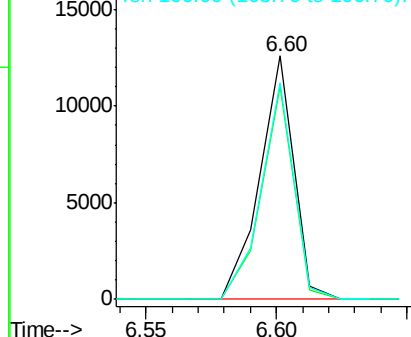
106 89.0 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 0.17 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.11 min

Lab File: BF084001.D

Acq: 22 Dec 2015 21:15

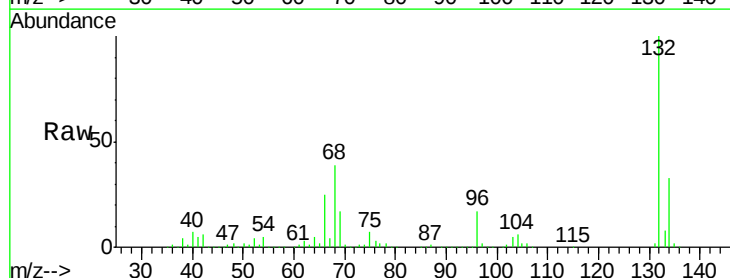
Tgt Ion: 94 Resp: 796

Ion Ratio Lower Upper

94 100

65 993.5 12.9 52.9#

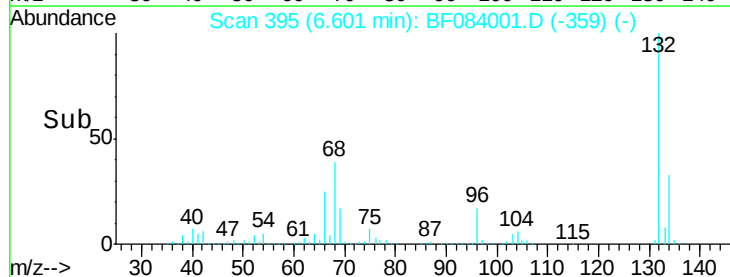
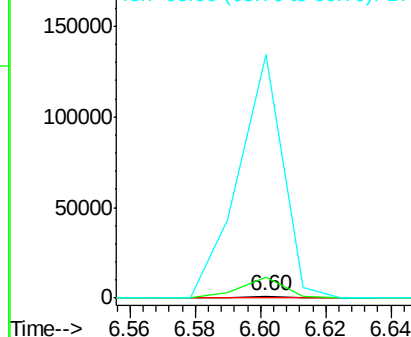
66 11570.7 32.7 72.7#

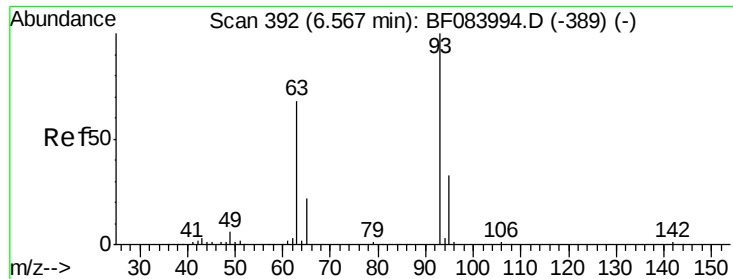


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

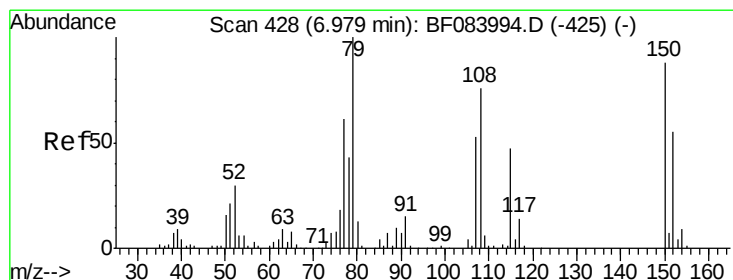
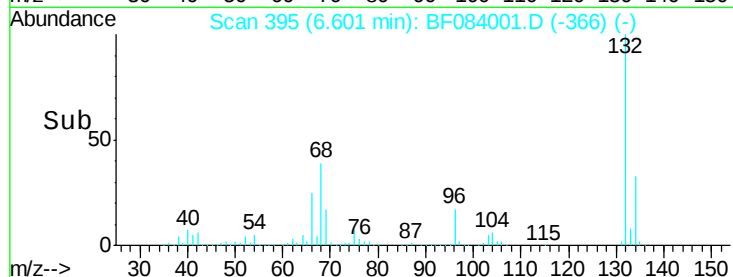
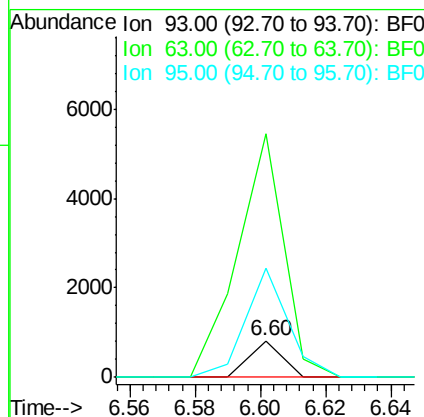
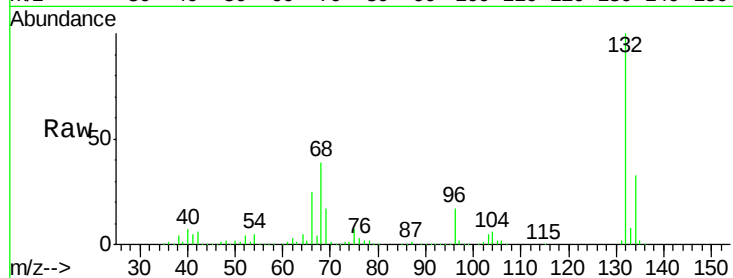




#11
bis(2-Chloroethyl)ether
Concen: 0.16 ng
RT: 6.60 min Scan# 395
Delta R.T. 0.03 min
Lab File: BF084001.D
Acq: 22 Dec 2015 21:15

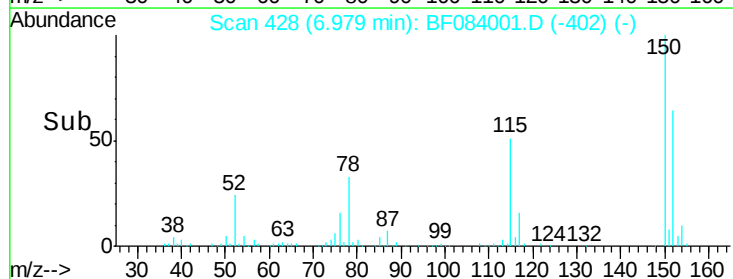
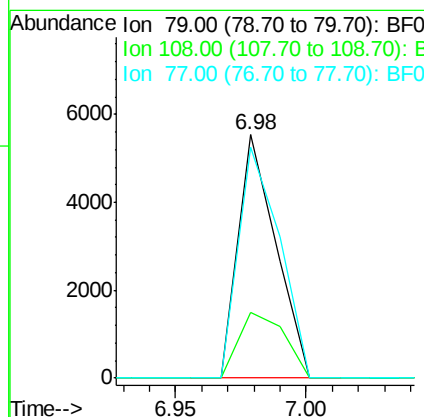
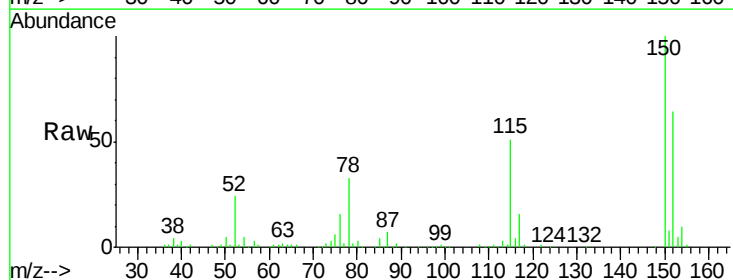
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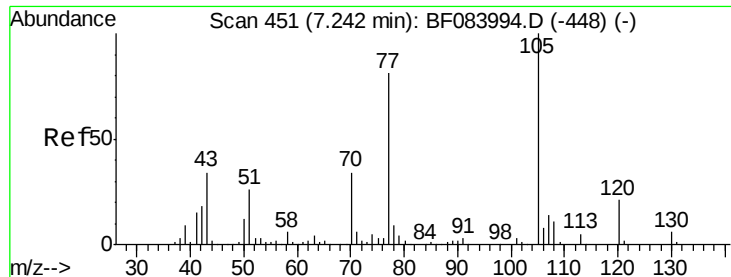
Tgt Ion: 93 Resp: 564
Ion Ratio Lower Upper
93 100
63 662.3 45.9 85.9#
95 297.6 12.3 52.3#



#15
Benzyl Alcohol
Concen: 1.77 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF084001.D
Acq: 22 Dec 2015 21:15

Tgt Ion: 79 Resp: 5619
Ion Ratio Lower Upper
79 100
108 26.8 69.0 103.4#
77 94.8 50.0 75.0#

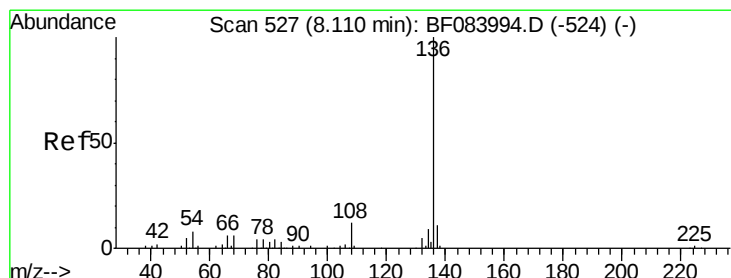
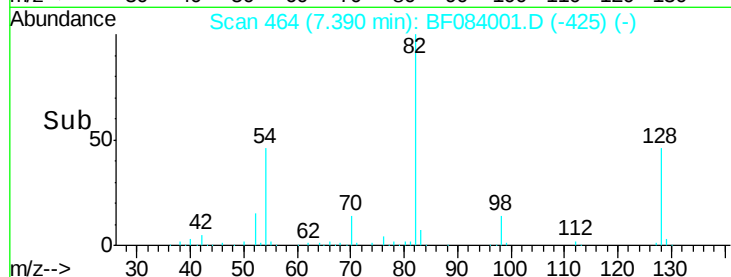
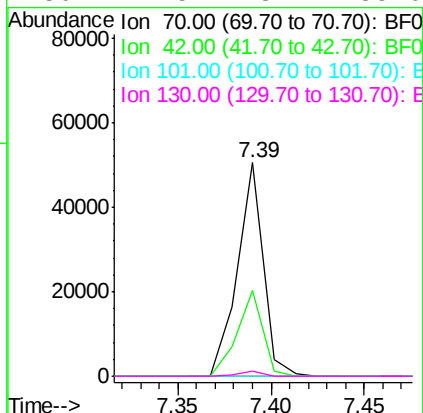
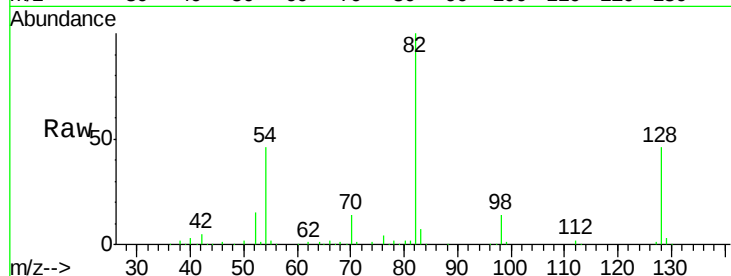




#19
n-Nitroso-di-n-propylamine
Concen: 20.12 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.15 min
Lab File: BF084001.D
Acq: 22 Dec 2015 21:15

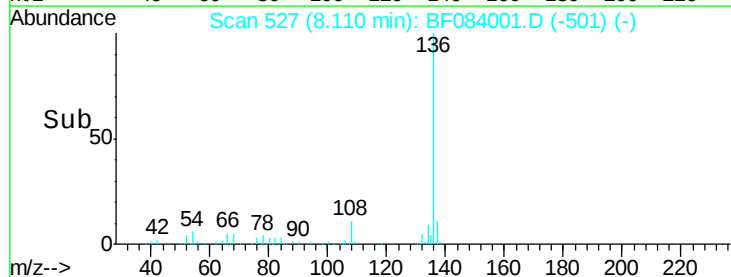
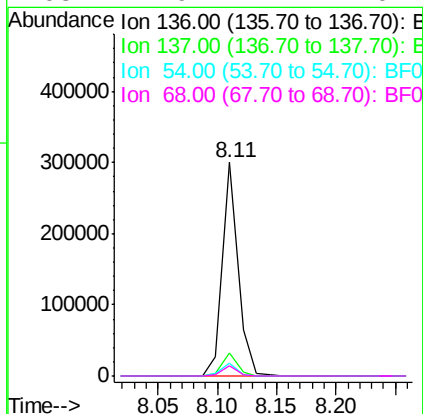
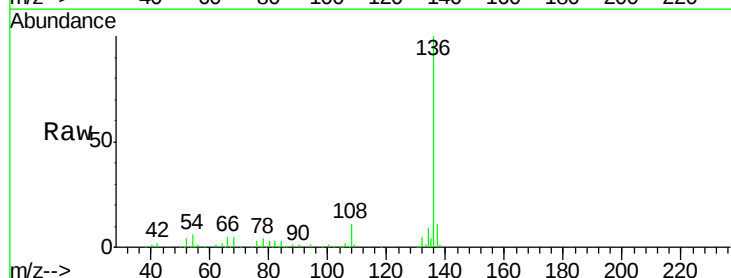
Instrument :
BNA_F
ClientSampleId :
PB87482BL

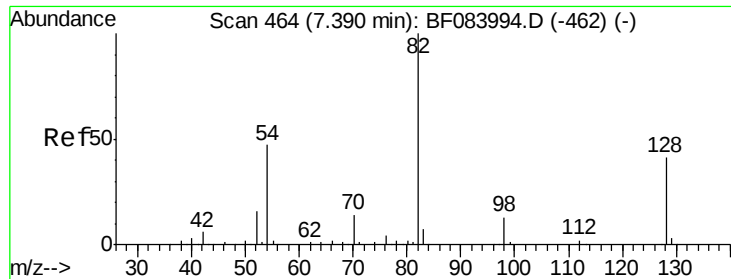
Tgt Ion:	70	Resp:	49051
Ion	Ratio	Lower	Upper
70	100		
42	40.4	33.3	49.9
101	0.0	9.3	13.9#
130	2.5	23.4	35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF084001.D
Acq: 22 Dec 2015 21:15

Tgt Ion:	136	Resp:	274044
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.2	5.8	8.8
68	4.9	4.2	6.2

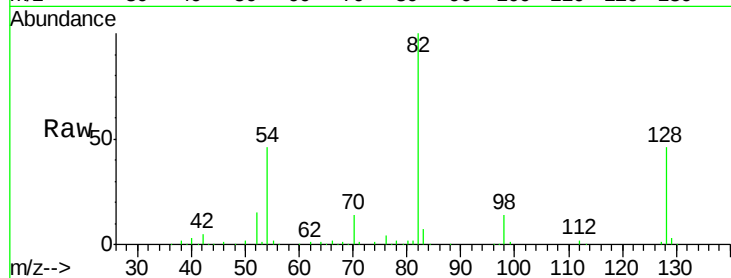




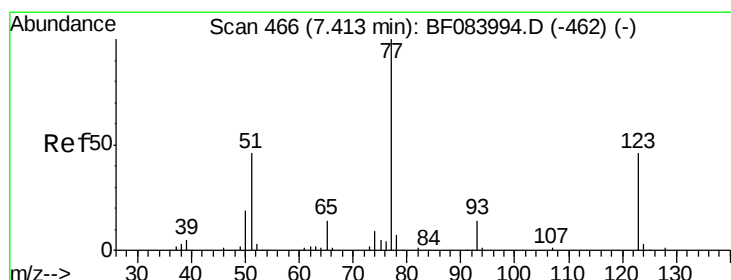
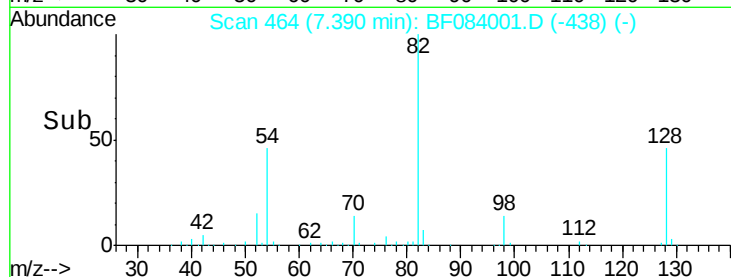
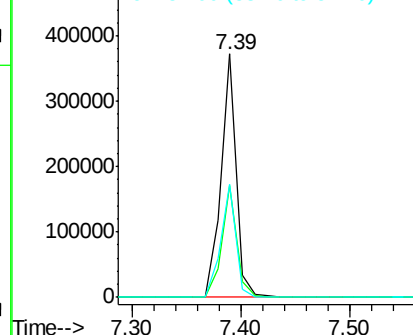
#23
 Nitrobenzene-d5
 Concen: 81.70 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF084001.D
 Acq: 22 Dec 2015 21:15

Instrument :
 BNA_F
 ClientSampleID :
 PB87482BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.6	51.8
54	46.5	38.4	57.6

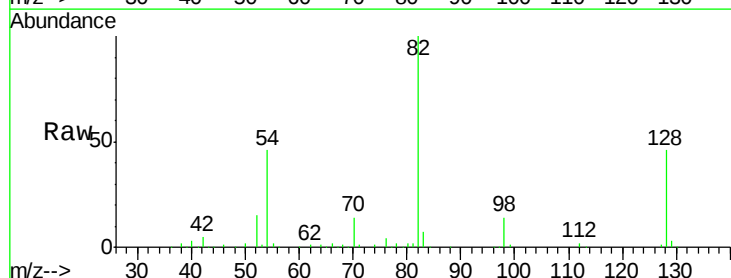


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

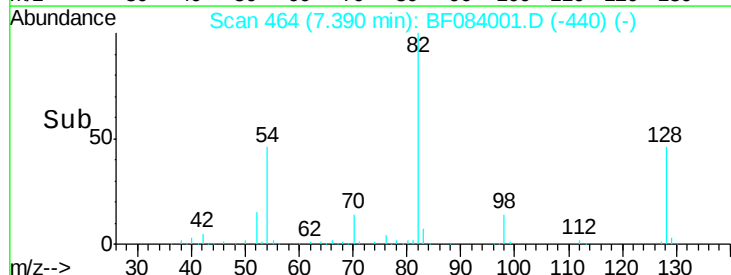
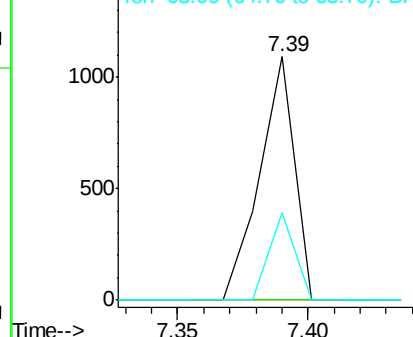


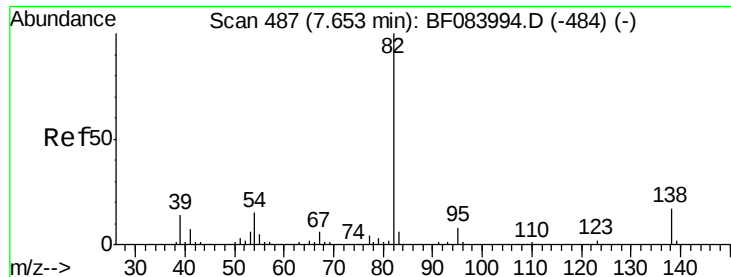
#24
 Nitrobenzene
 Concen: 0.22 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.02 min
 Lab File: BF084001.D
 Acq: 22 Dec 2015 21:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.4	56.2#
65	36.2	10.9	16.3#



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 33.56 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.26 min

Lab File: BF084001.D

Acq: 22 Dec 2015 21:15

Instrument :

BNA_F

ClientSampleID :

PB87482BL

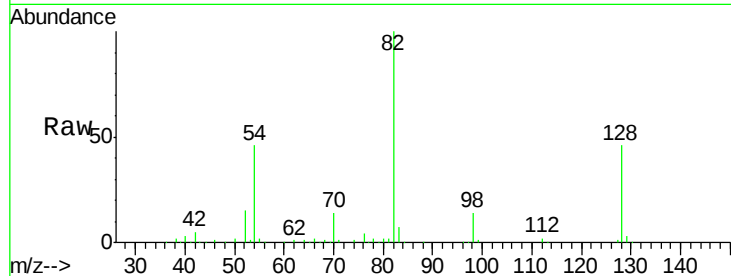
Tgt Ion: 82 Resp: 283696

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

138 0.0 13.6 20.4#

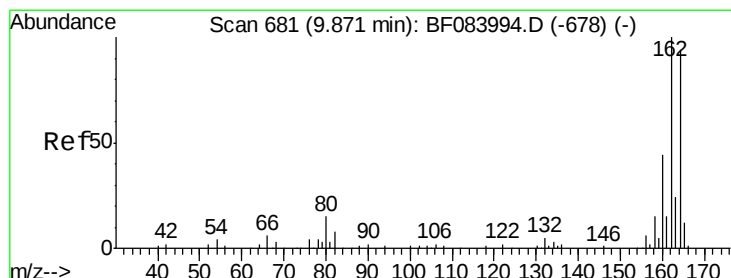
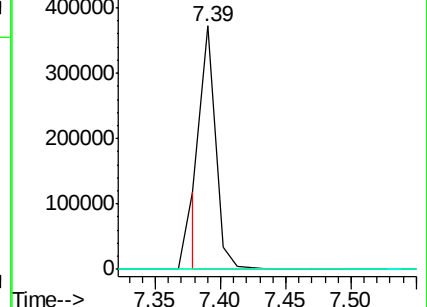
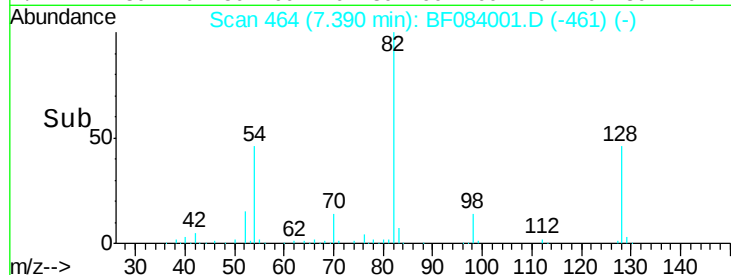


Abundance Ion 82.00 (81.70 to 82.70): BF084001.D (-461) (-)

Ion 95.00 (94.70 to 95.70): BF084001.D (-461) (-)

Ion 138.00 (137.70 to 138.70): BF084001.D (-461) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF084001.D

Acq: 22 Dec 2015 21:15

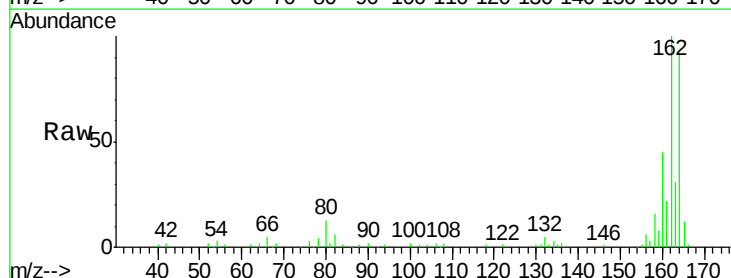
Tgt Ion: 164 Resp: 98905

Ion Ratio Lower Upper

164 100

162 108.2 85.1 127.7

160 48.1 37.5 56.3

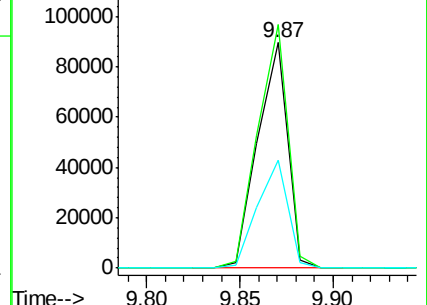
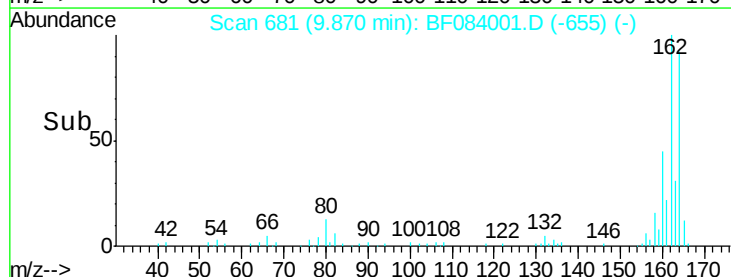


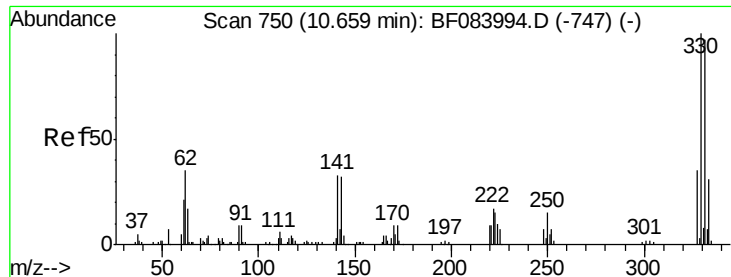
Abundance Ion 164.00 (163.70 to 164.70): BF084001.D (-655) (-)

Ion 162.00 (161.70 to 162.70): BF084001.D (-655) (-)

Ion 160.00 (159.70 to 160.70): BF084001.D (-655) (-)

Time-->

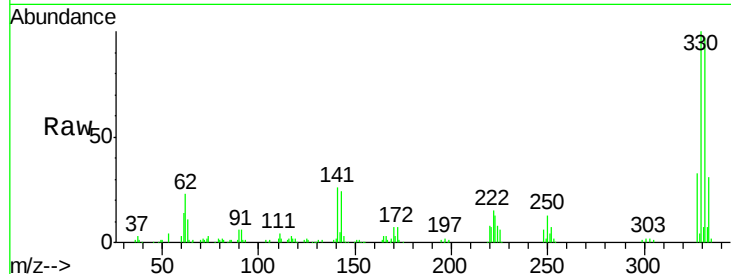




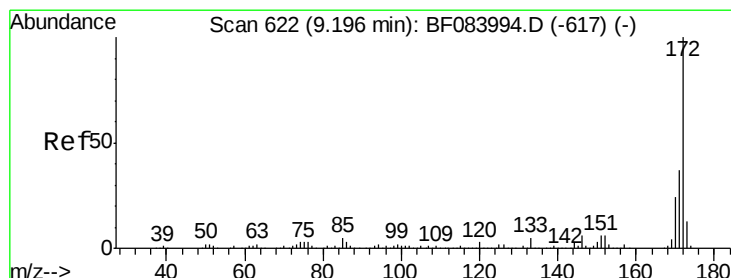
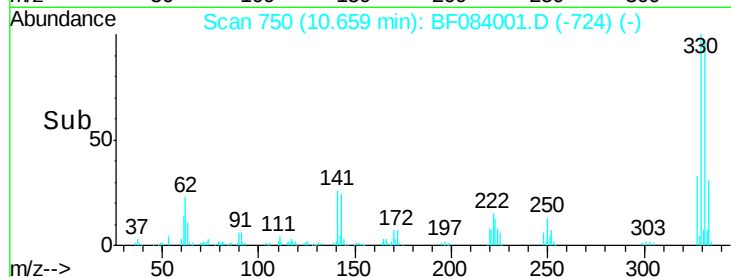
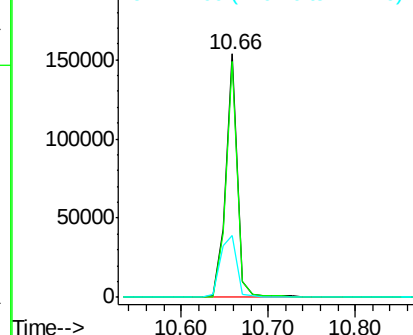
#41
 2,4,6-Tribromophenol
 Concen: 155.11 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084001.D
 Acq: 22 Dec 2015 21:15

Instrument :
 BNA_F
 ClientSampleId :
 PB87482BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	114.8
141	35.9	27.8	41.6

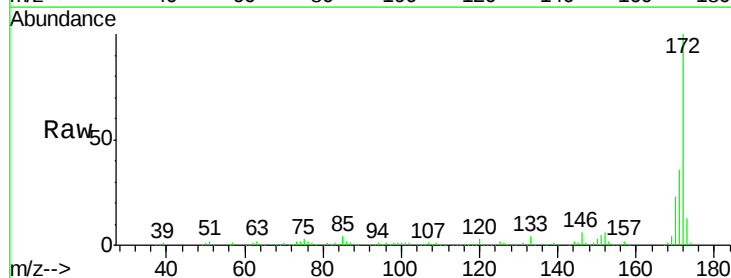


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

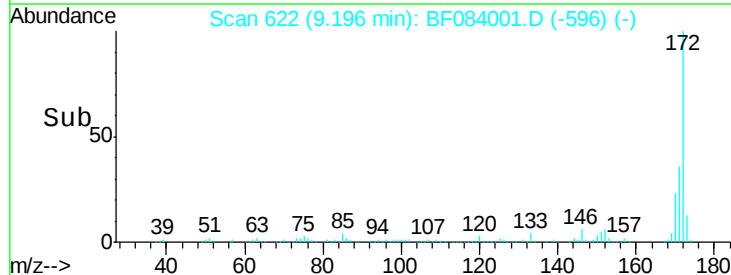
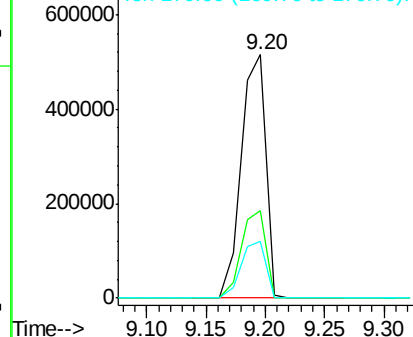


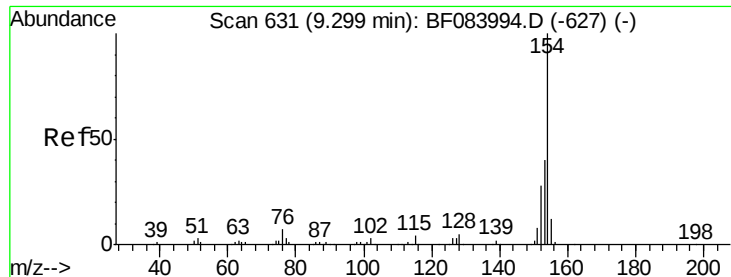
#44
 2-Fluorobiphenyl
 Concen: 101.06 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084001.D
 Acq: 22 Dec 2015 21:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	23.3	18.6	27.8



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: 0.16 ng

RT: 9.18 min Scan# 621

Delta R.T. -0.11 min

Lab File: BF084001.D

Acq: 22 Dec 2015 21:15

Instrument :

BNA_F

ClientSampleId :

PB87482BL

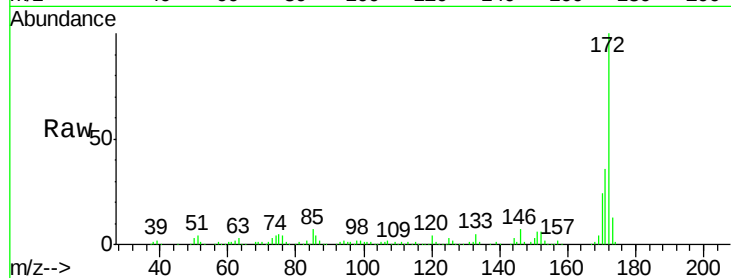
Tgt Ion:154 Resp: 1396

Ion Ratio Lower Upper

154 100

153 912.3 21.6 61.6#

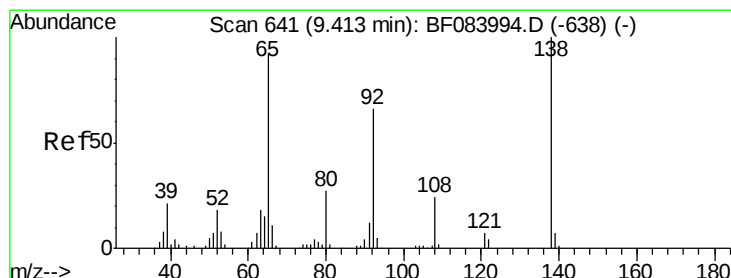
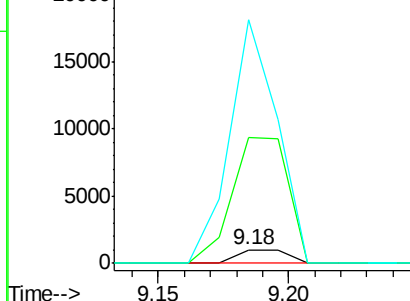
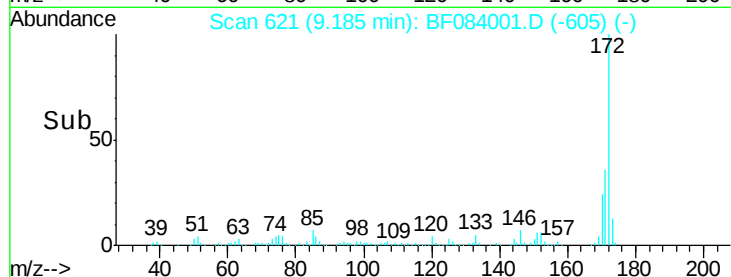
76 1765.1 0.0 32.7#



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: 0.56 ng

RT: 9.18 min Scan# 621

Delta R.T. -0.23 min

Lab File: BF084001.D

Acq: 22 Dec 2015 21:15

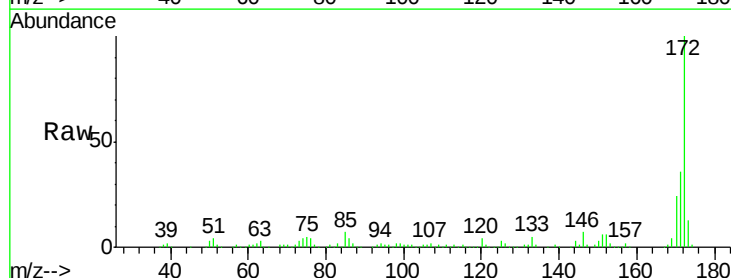
Tgt Ion: 65 Resp: 966

Ion Ratio Lower Upper

65 100

92 227.0 53.4 80.2#

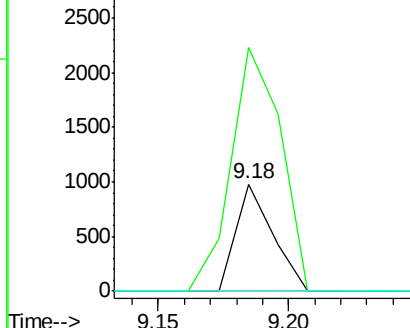
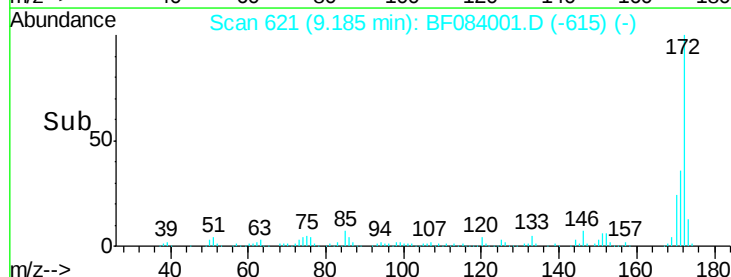
138 0.0 71.1 106.7#

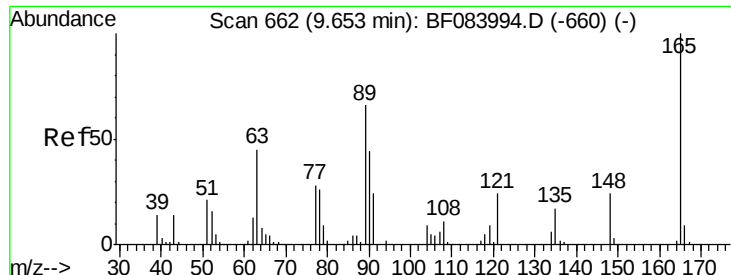


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E

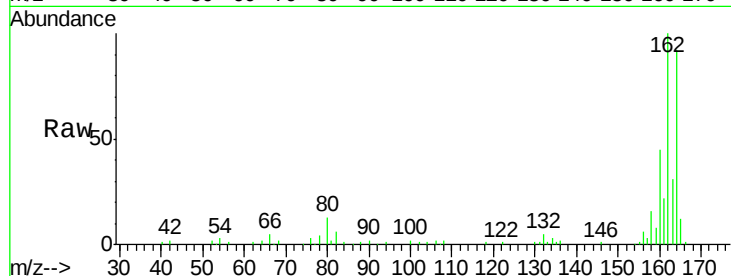




#50
2,6-Dinitrotoluene
Concen: 7.92 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.22 min
Lab File: BF084001.D
Acq: 22 Dec 2015 21:15

Instrument :
BNA_F
ClientSampleId :
PB87482BL

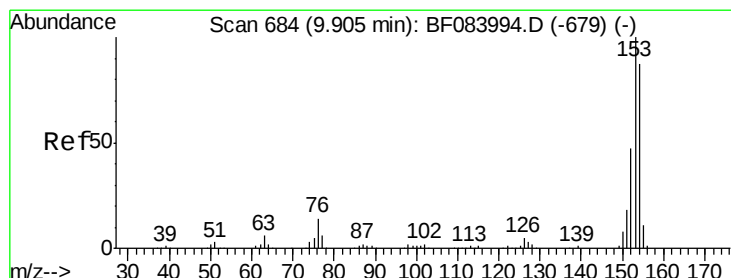
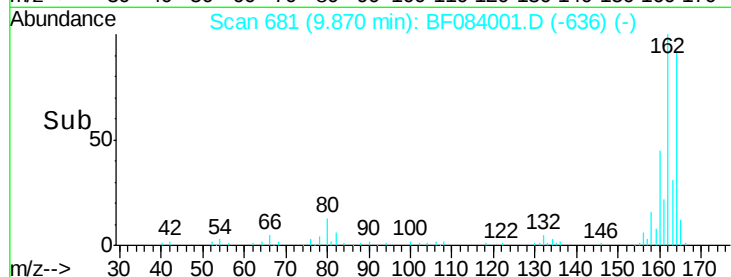
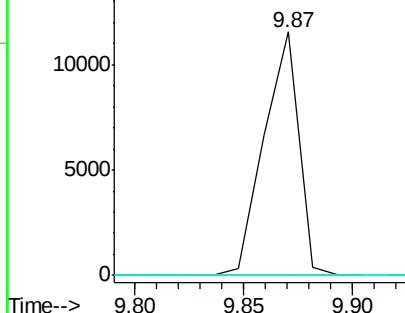
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.8	43.2#
89	0.0	35.1	52.7#



Abundance Ion 165.00 (164.70 to 165.70): E

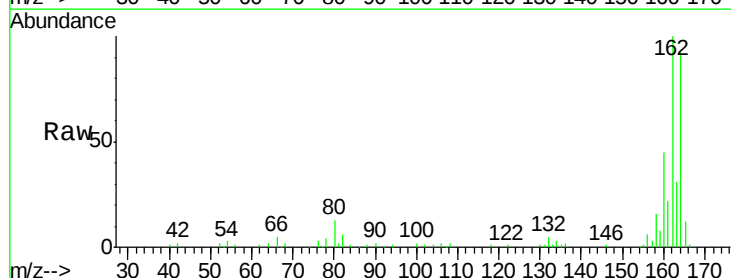
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51
Acenaphthene
Concen: 0.04 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.03 min
Lab File: BF084001.D
Acq: 22 Dec 2015 21:15

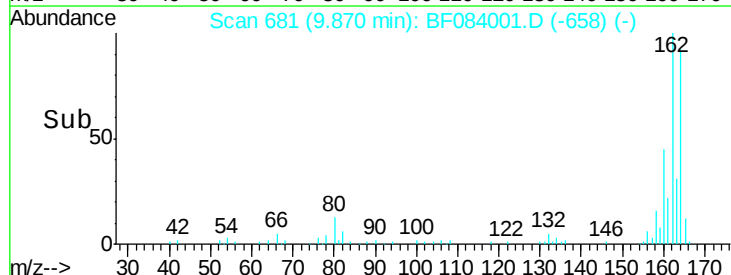
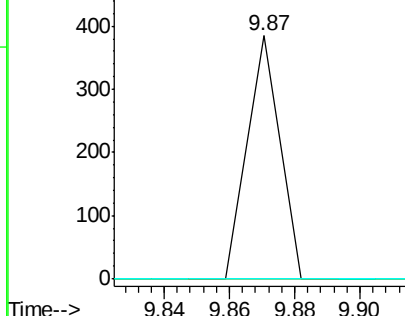
Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	91.5	137.3#
152	0.0	43.0	64.6#

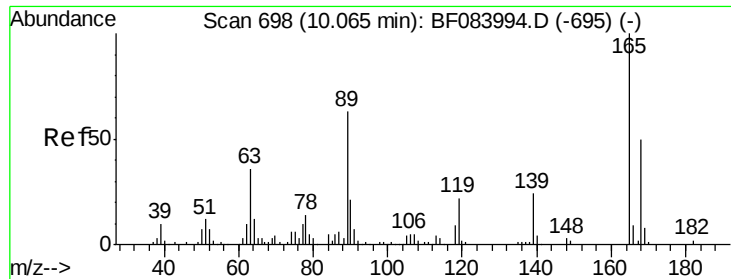


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

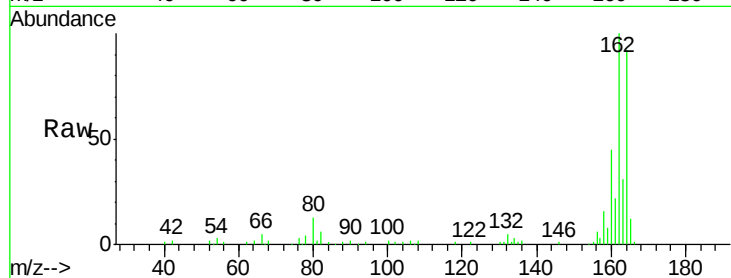




#56
2,4-Dinitrotoluene
Concen: 6.30 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.19 min
Lab File: BF084001.D
Acq: 22 Dec 2015 21:15

Instrument :
BNA_F
ClientSampleId :
PB87482BL

Tgt Ion:	165	Resp:	12935
Ion Ratio	Lower	Upper	
165	100		
63	0.0	36.7	55.1#
89	0.0	61.9	92.9#
182	0.0	2.0	3.0#

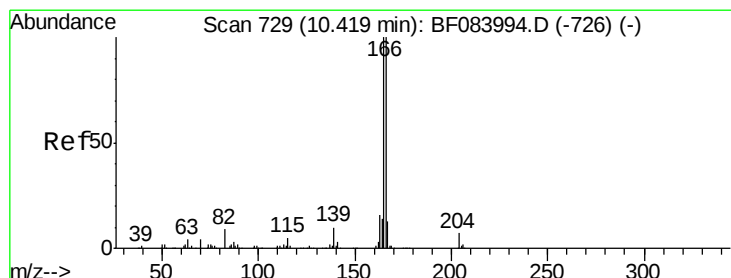
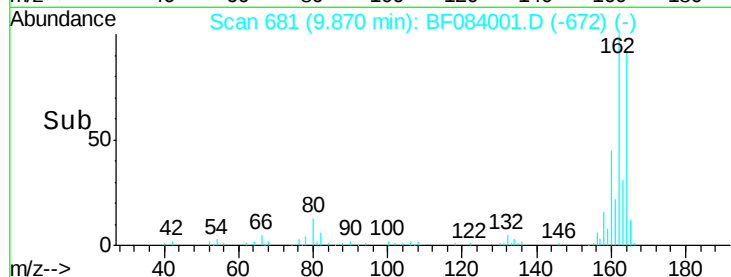
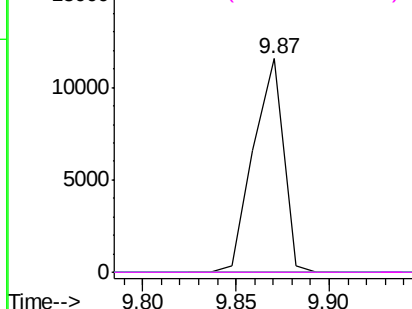


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

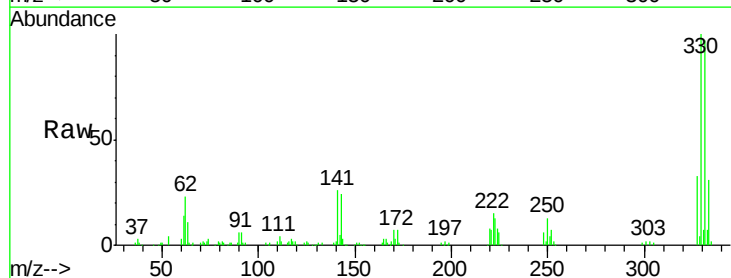
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 0.83 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.24 min
Lab File: BF084001.D
Acq: 22 Dec 2015 21:15

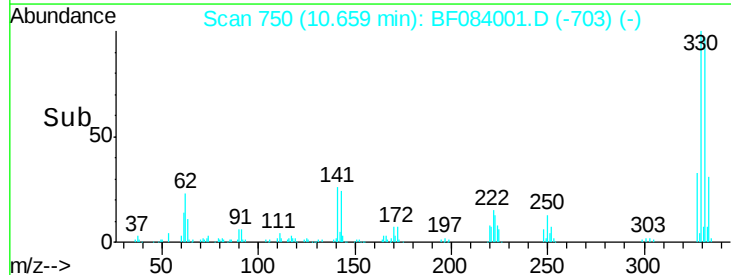
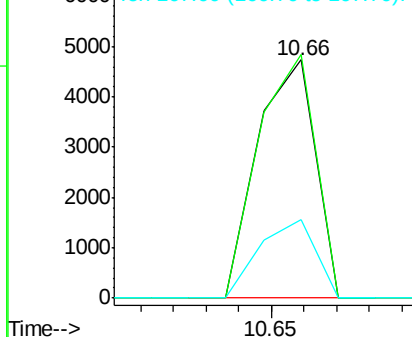
Tgt Ion:	166	Resp:	5805
Ion Ratio	Lower	Upper	
166	100		
165	102.3	79.1	118.7
167	33.1	10.4	15.6#

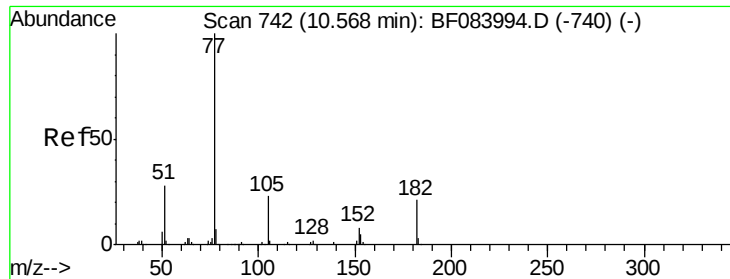


Abundance Ion 166.00 (165.70 to 166.70): E

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: 10.65 min Scan# 749

Delta R.T. 0.08 min

Lab File: BF084001.D

Acq: 22 Dec 2015 21:15

Instrument :

BNA_F

ClientSampleId :

PB87482BL

Tgt Ion: 77 Resp: 683

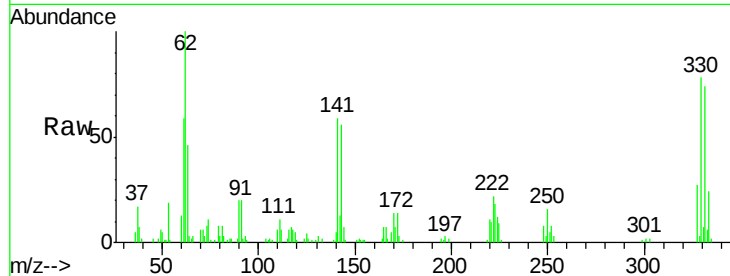
Ion Ratio Lower Upper

77 100

182 0.0 8.3 48.3#

105 63.5 4.6 44.6#

51 76.8 6.2 46.2#

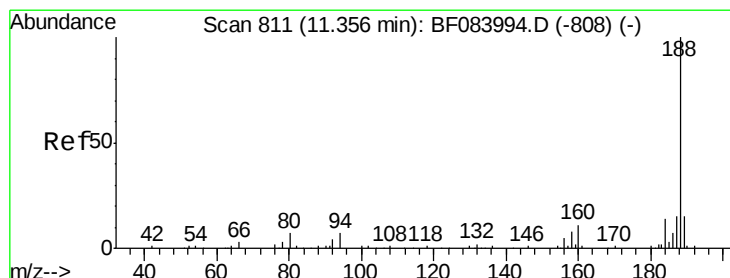
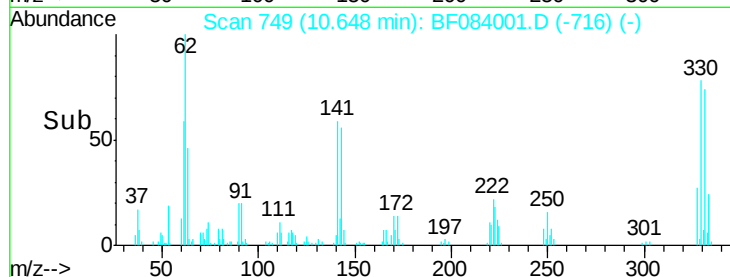
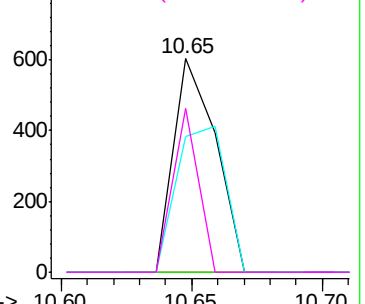


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.36 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF084001.D

Acq: 22 Dec 2015 21:15

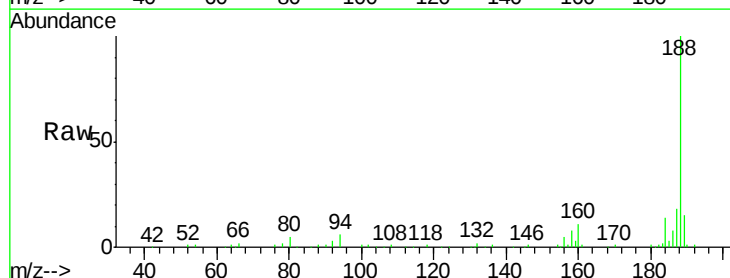
Tgt Ion: 188 Resp: 200146

Ion Ratio Lower Upper

188 100

94 5.7 9.0 13.4#

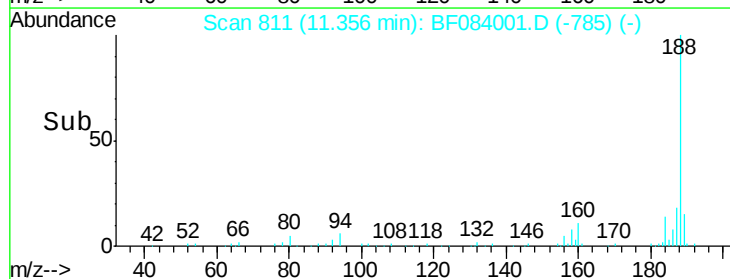
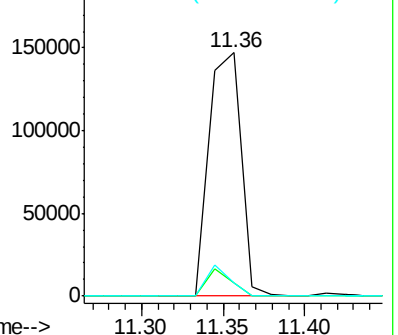
80 5.4 9.6 14.4#

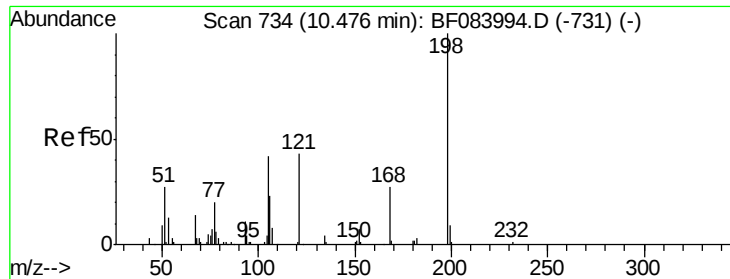


Abundance Ion 188.00 (187.70 to 188.70): E

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: 0.21 ng

RT: 10.66 min Scan# 750

Delta R.T. 0.18 min

Lab File: BF084001.D

Acq: 22 Dec 2015 21:15

Instrument :

BNA_F

ClientSampleId :

PB87482BL

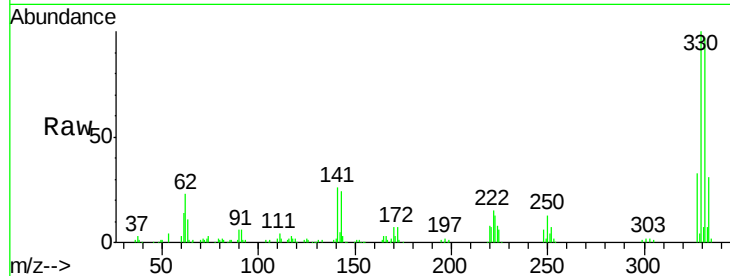
Tgt Ion:198 Resp: 240

Ion Ratio Lower Upper

198 100

51 0.0 18.9 58.9#

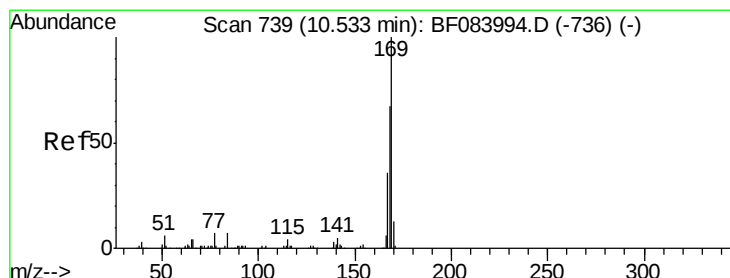
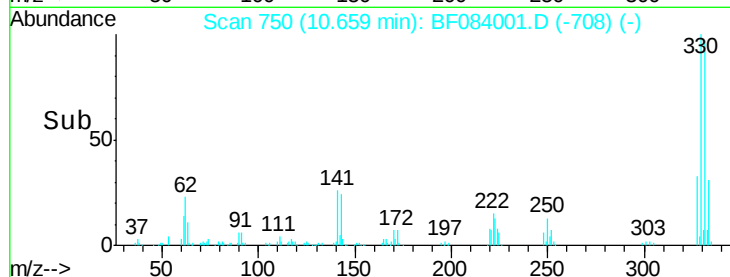
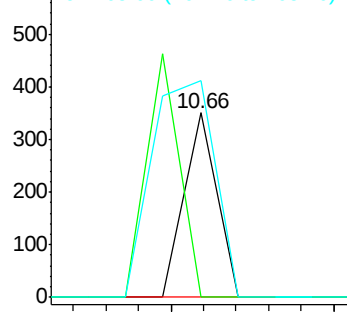
105 117.7 26.4 66.4#



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: 0.60 ng

RT: 10.66 min Scan# 750

Delta R.T. 0.13 min

Lab File: BF084001.D

Acq: 22 Dec 2015 21:15

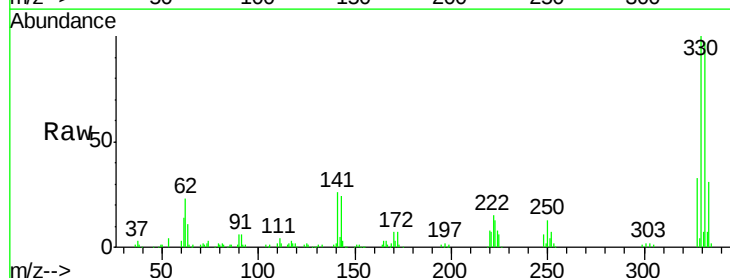
Tgt Ion:169 Resp: 4404

Ion Ratio Lower Upper

169 100

168 10.3 55.1 82.7#

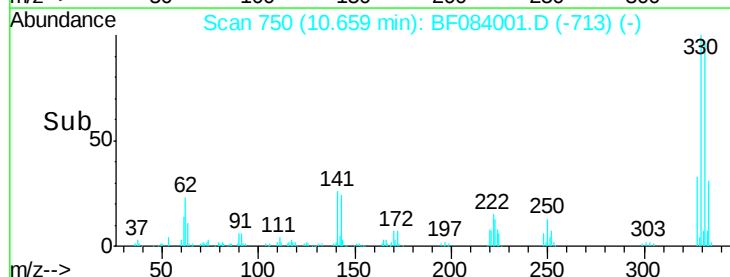
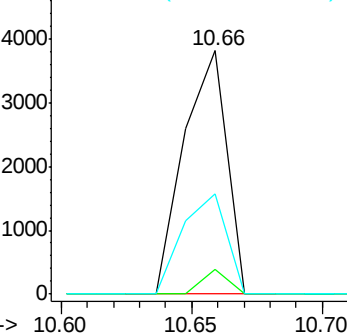
167 41.0 30.0 45.0

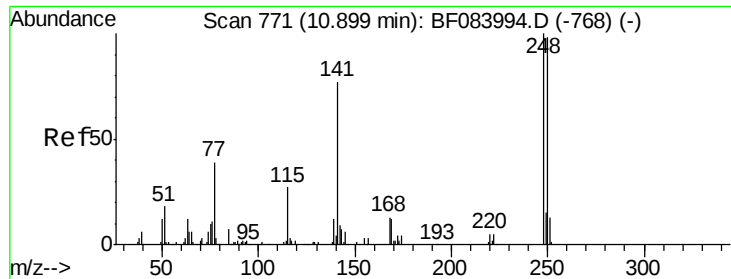


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

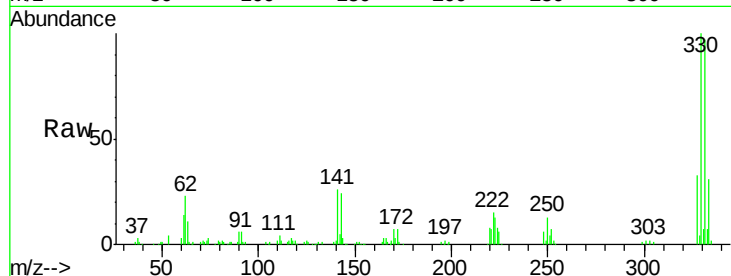




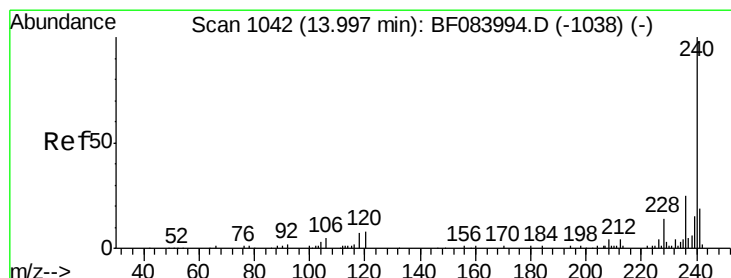
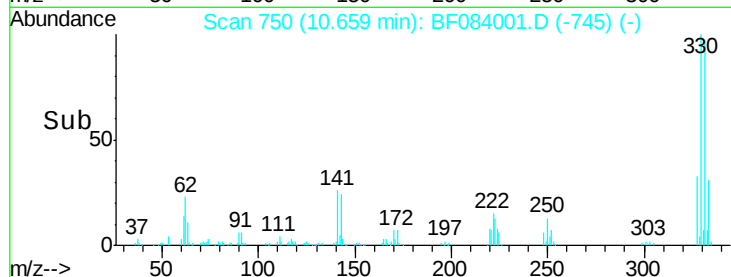
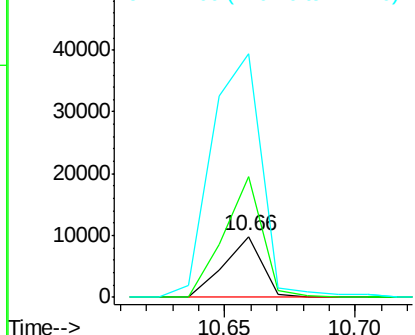
#66
 4-Bromophenyl-phenylether
 Concen: 4.42 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.24 min
 Lab File: BF084001.D
 Acq: 22 Dec 2015 21:15

Instrument :
 BNA_F
 ClientSampleID :
 PB87482BL

Tgt Ion:248 Resp: 10148
 Ion Ratio Lower Upper
 248 100
 250 198.9 78.4 117.6#
 141 401.5 44.0 66.0#

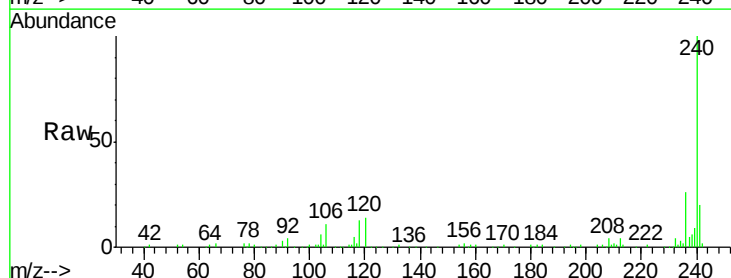


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

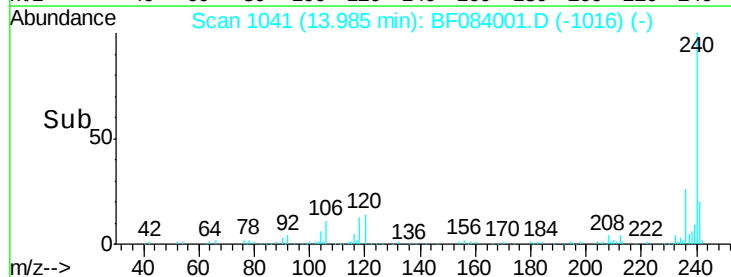
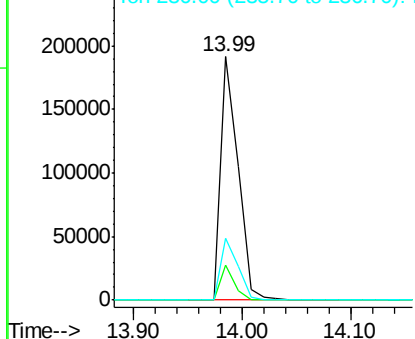


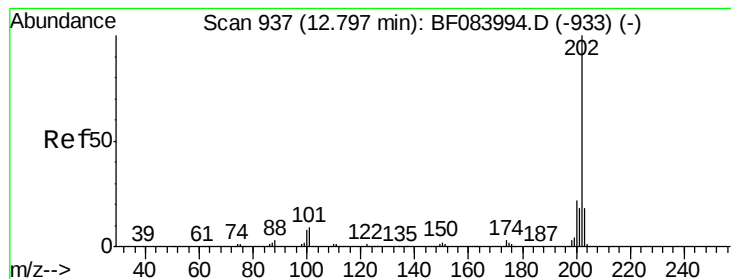
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF084001.D
 Acq: 22 Dec 2015 21:15

Tgt Ion:240 Resp: 213318
 Ion Ratio Lower Upper
 240 100
 120 14.2 9.5 14.3
 236 25.5 20.6 31.0



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: 0.17 ng

RT: 12.93 min Scan# 949

Delta R.T. 0.14 min

Lab File: BF084001.D

Acq: 22 Dec 2015 21:15

Instrument :

BNA_F

ClientSampleId :

PB87482BL

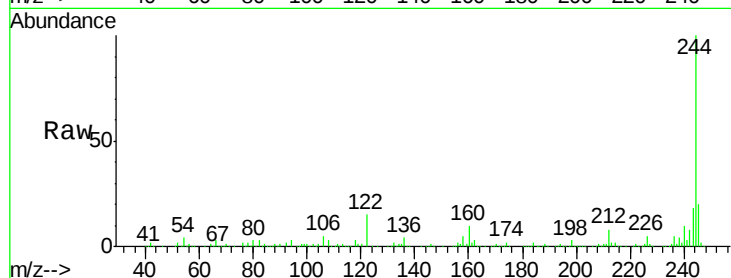
Tgt Ion:202 Resp: 2421

Ion Ratio Lower Upper

202 100

200 51.5 17.2 25.8#

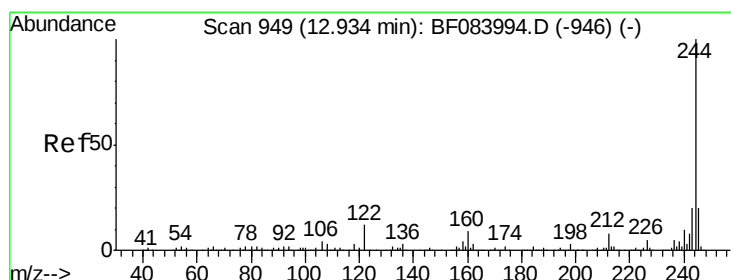
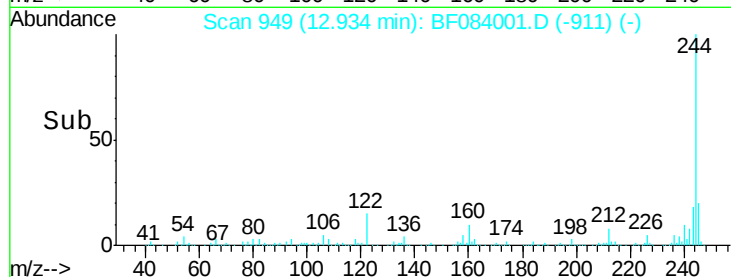
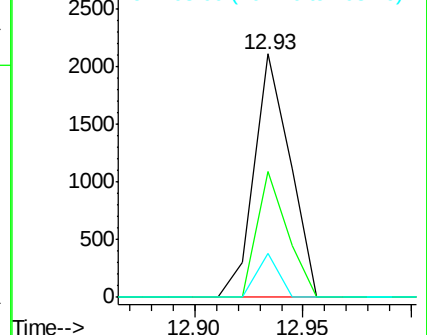
203 18.2 14.3 21.5



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: 75.37 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF084001.D

Acq: 22 Dec 2015 21:15

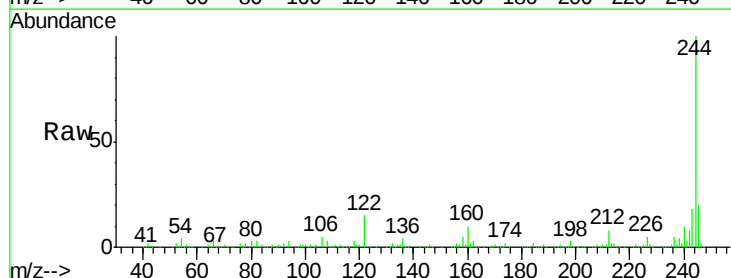
Tgt Ion:244 Resp: 674208

Ion Ratio Lower Upper

244 100

212 8.1 5.7 8.5

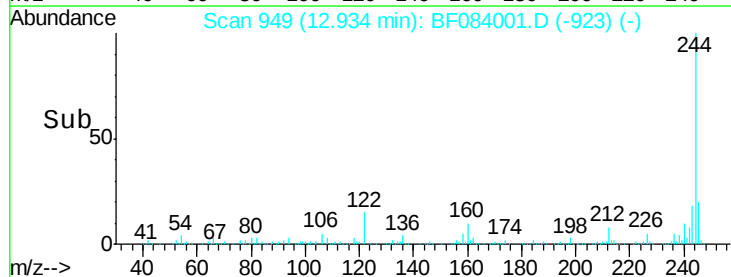
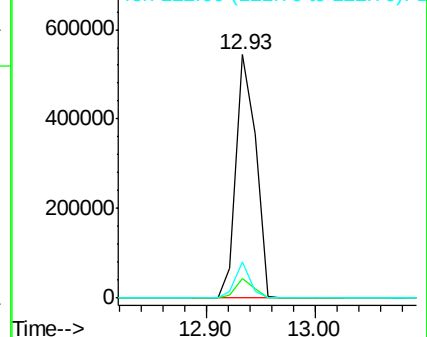
122 14.6 7.4 11.0#

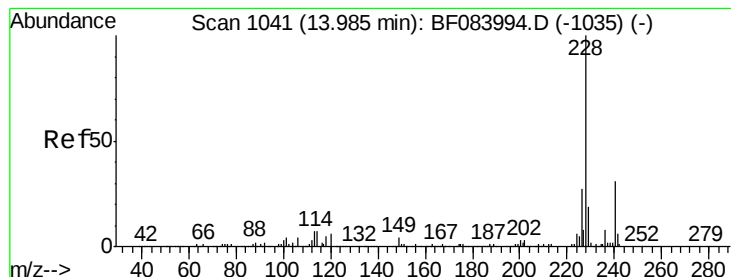


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 0.03 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF084001.D

Acq: 22 Dec 2015 21:15

Instrument :

BNA_F

ClientSampleId :

PB87482BL

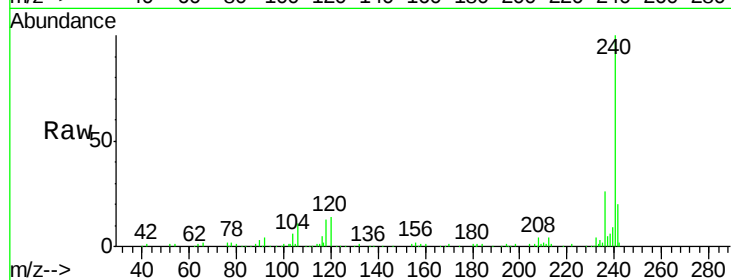
Tgt Ion:228 Resp: 341

Ion Ratio Lower Upper

228 100

226 0.0 21.8 32.6#

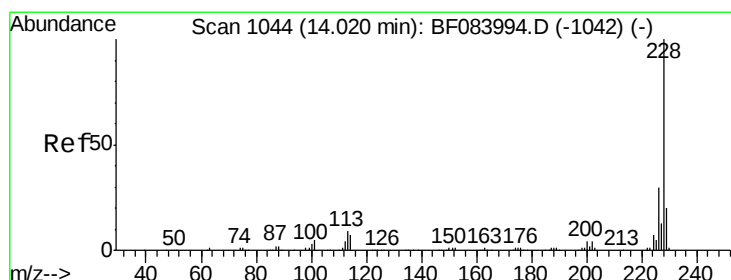
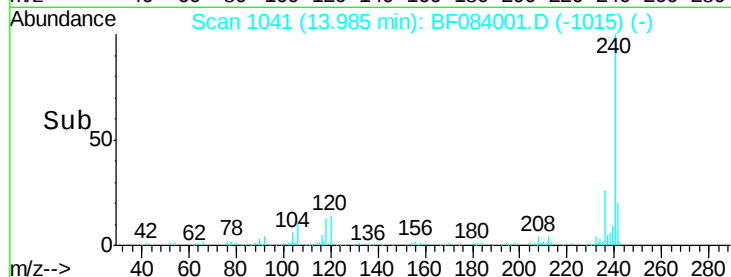
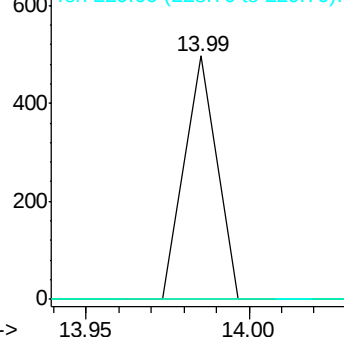
229 0.0 15.8 23.8#



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: 0.03 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF084001.D

Acq: 22 Dec 2015 21:15

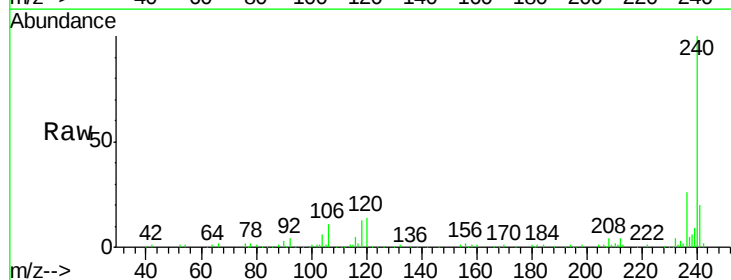
Tgt Ion:228 Resp: 341

Ion Ratio Lower Upper

228 100

226 0.0 24.3 36.5#

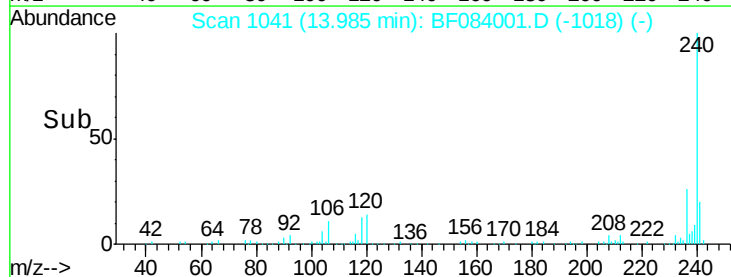
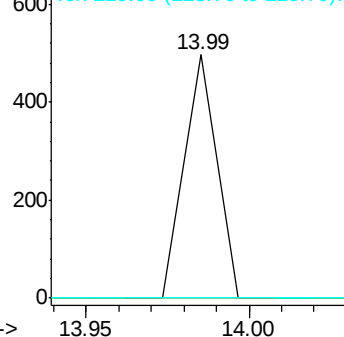
229 0.0 16.1 24.1#

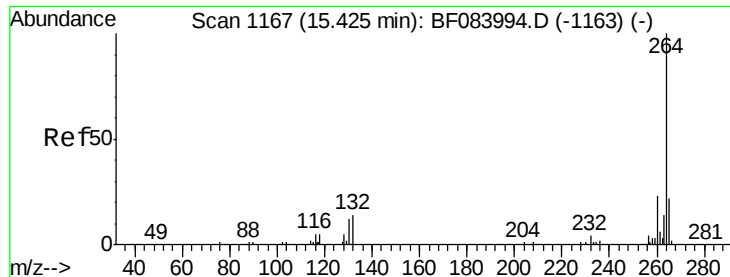


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



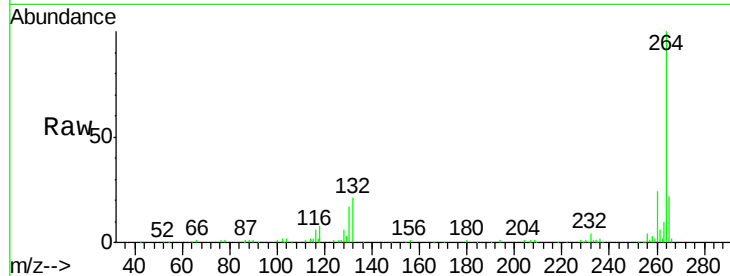


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF084001.D
Acq: 22 Dec 2015 21:15

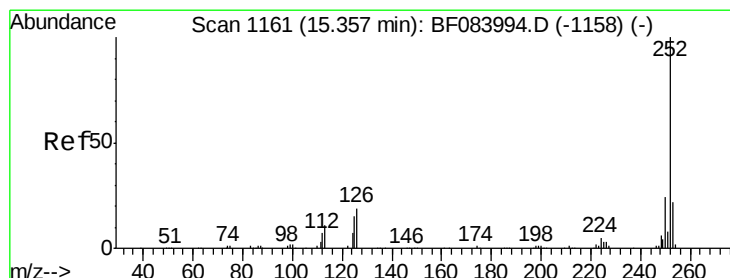
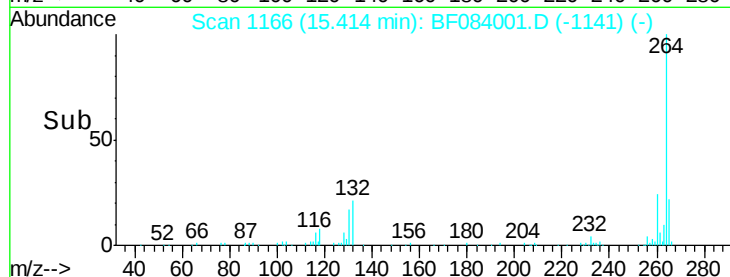
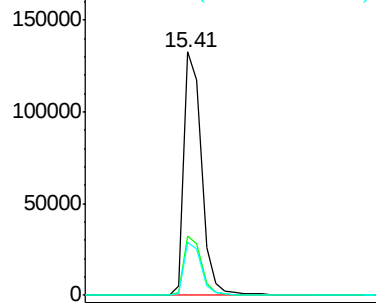
Instrument :
BNA_F
ClientSampleId :
PB87482BL

Tgt Ion: 264 Resp: 202584

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.5	17.8	26.6



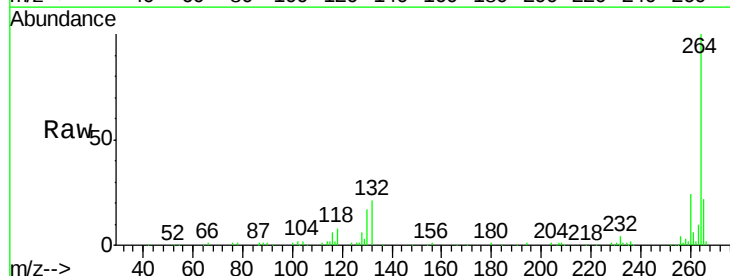
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#89
Benzo(a)pyrene
Concen: 0.05 ng
RT: 15.41 min Scan# 1166
Delta R.T. 0.06 min
Lab File: BF084001.D
Acq: 22 Dec 2015 21:15

Tgt Ion: 252 Resp: 638

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.3	25.9#
125	0.0	7.0	10.4#



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

