

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122215\
 Data File : BF084012.D
 Acq On : 23 Dec 2015 2:25
 Operator : UM/SJ
 Sample : G4916-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP219BRV110

Quant Time: Dec 23 03:17:17 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

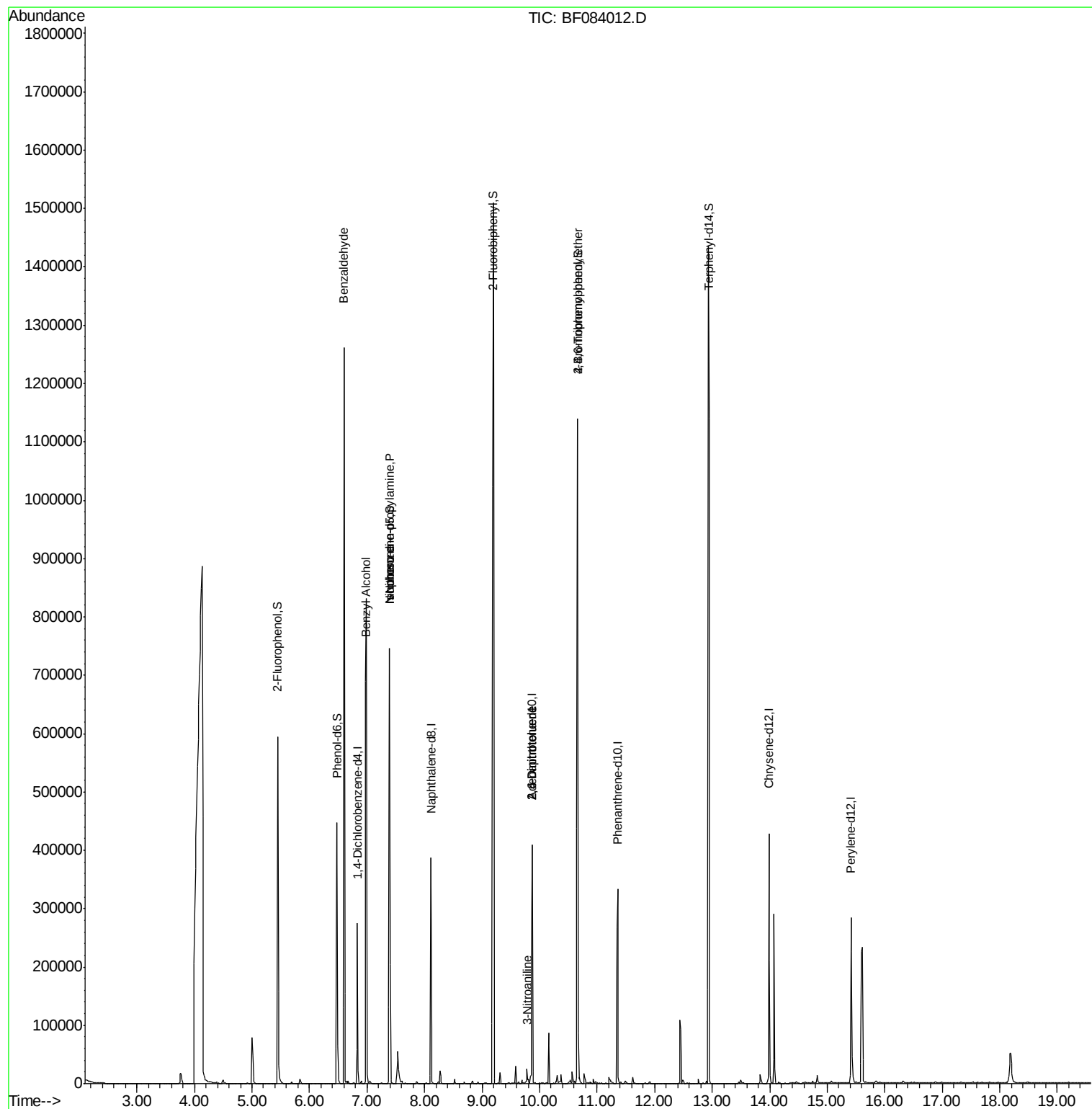
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	43932	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	175220	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	87740	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	170900	20.00	ng	0.00
75) Chrysene-d12	13.99	240	171822	20.00	ng	-0.01
86) Perylene-d12	15.41	264	151437	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	175433	68.09	ng	0.01
7) Phenol-d6	6.48	99	154556	51.02	ng	0.00
23) Nitrobenzene-d5	7.39	82	257940	90.43	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	141552	167.73	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	631396	96.85	ng	0.00
78) Terphenyl-d14	12.93	244	635147	88.16	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.60	77	7380	3.65	ng	89
15) Benzyl Alcohol	6.98	79	5212	2.19	ng	# 47
19) n-Nitroso-di-n-propylamine	7.39	70	34692	18.90	ng	# 77
25) Isophorone	7.39	82	228944	42.36	ng	# 66
50) 2,6-Dinitrotoluene	9.87	165	10657	7.35	ng	# 35
52) 3-Nitroaniline	9.78	138	5273	3.43	ng	# 1
56) 2,4-Dinitrotoluene	9.87	165	10657	5.85	ng	# 20
66) 4-Bromophenyl-phenylether	10.66	248	9983	5.09	ng	# 1

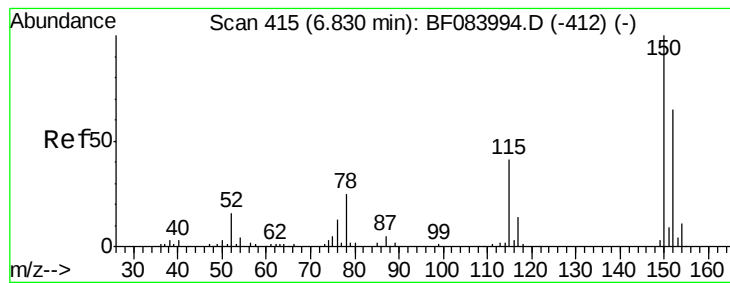
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF084012.D

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Instrument :

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ClientSampleId :

20151214MGP219BRV110

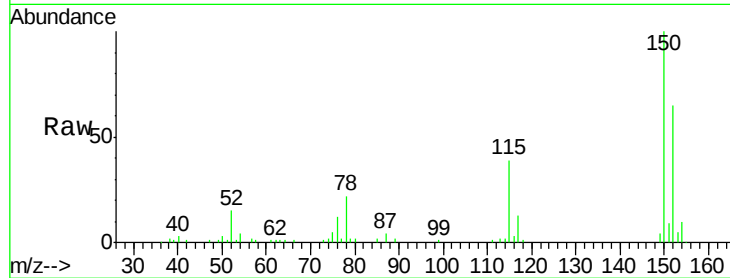
Tgt Ion:152 Resp: 43932

Ion Ratio Lower Upper

152 100

150 153.3 123.0 184.4

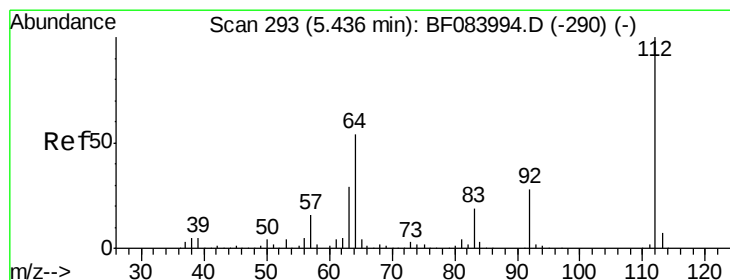
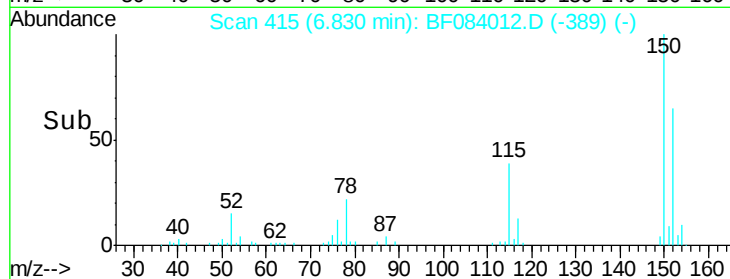
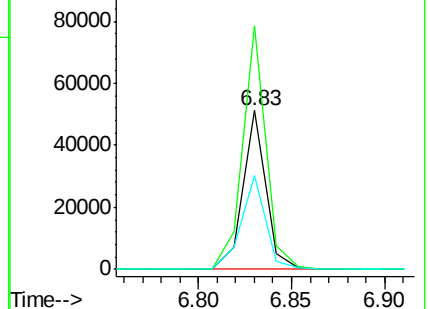
115 59.2 51.4 77.2



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



#5

2-Fluorophenol

Concen: 68.09 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF084012.D

Acq: 23 Dec 2015 2:25

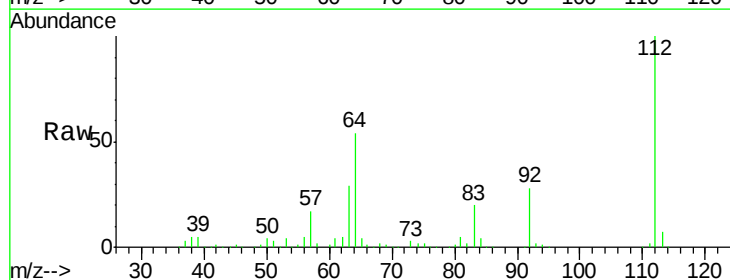
Tgt Ion:112 Resp: 175433

Ion Ratio Lower Upper

112 100

64 54.3 36.6 55.0

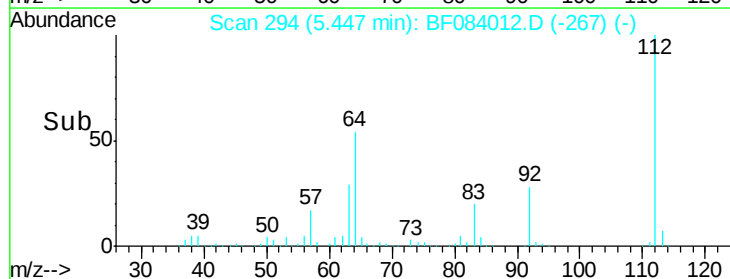
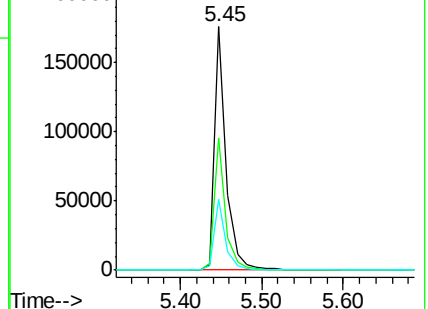
63 28.9 19.4 29.0

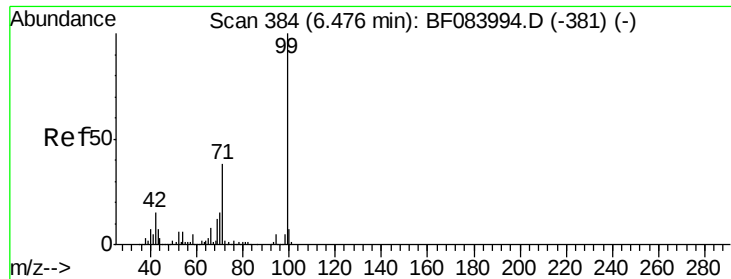


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 51.02 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084012.D

Acq: 23 Dec 2015 2:25

Instrument :

BNA_F

ClientSampleId :

20151214MGP219BRV110

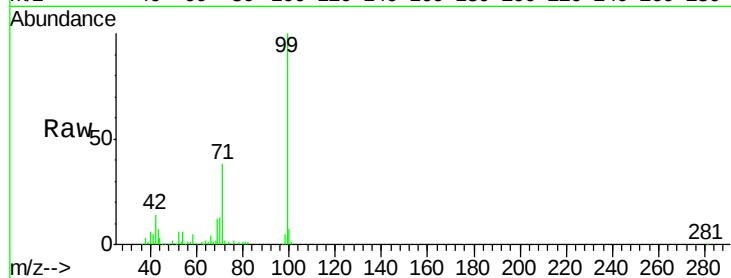
Tgt Ion: 99 Resp: 154556

Ion Ratio Lower Upper

99 100

42 14.0 12.8 19.2

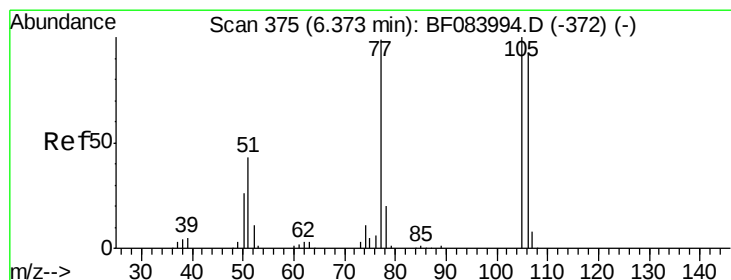
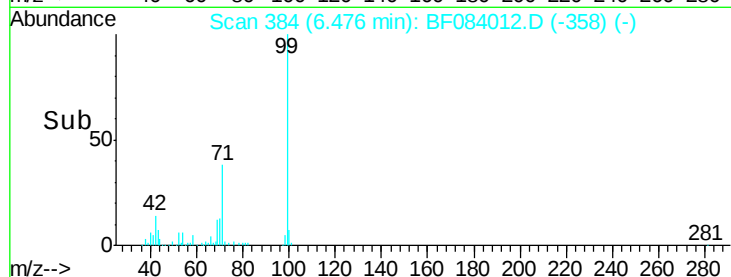
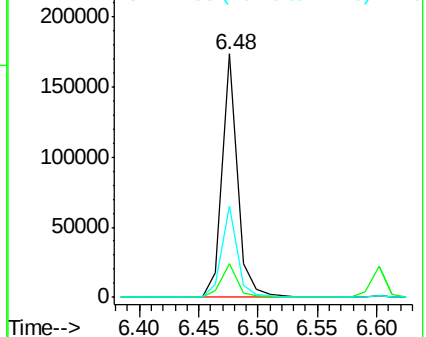
71 37.6 30.9 46.3



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



#9

Benzaldehyde

Concen: 3.65 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.23 min

Lab File: BF084012.D

Acq: 23 Dec 2015 2:25

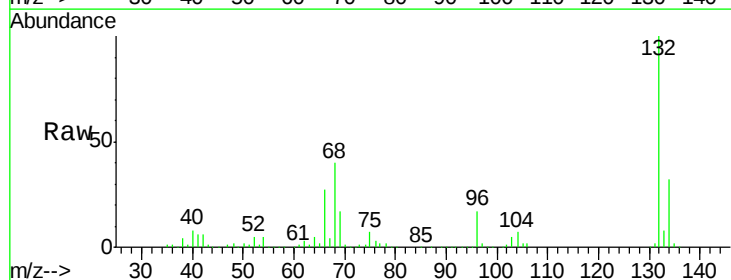
Tgt Ion: 77 Resp: 7380

Ion Ratio Lower Upper

77 100

105 84.9 83.0 123.0

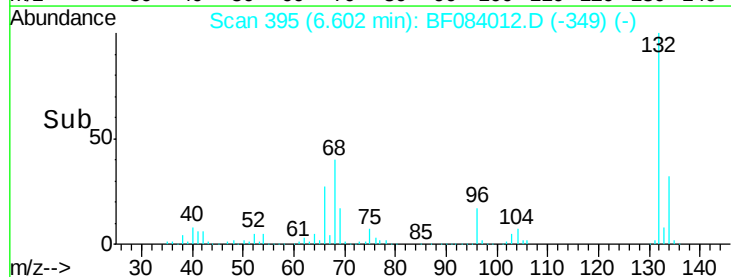
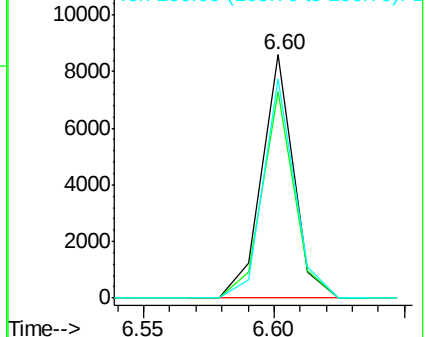
106 90.1 74.6 114.6

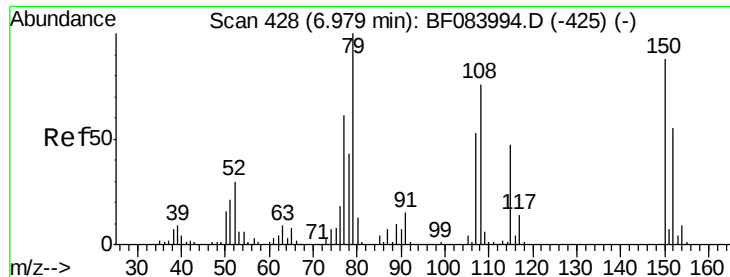


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.19 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF084012.D

Acq: 23 Dec 2015 2:25

Instrument :

BNA_F

ClientSampleId :

20151214MGP219BRV110

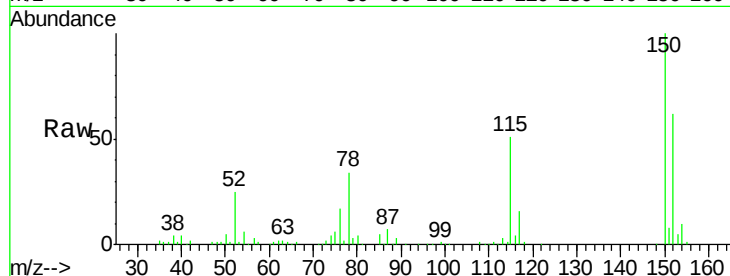
Tgt Ion: 79 Resp: 5212

Ion Ratio Lower Upper

79 100

108 23.8 69.0 103.4#

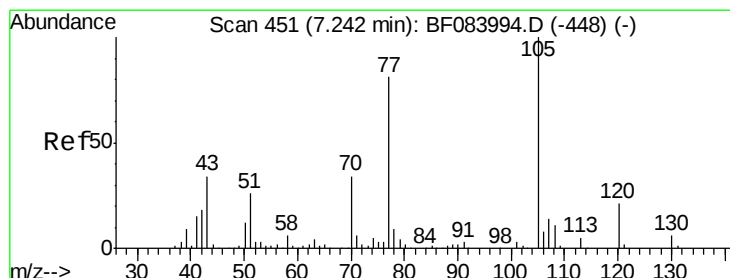
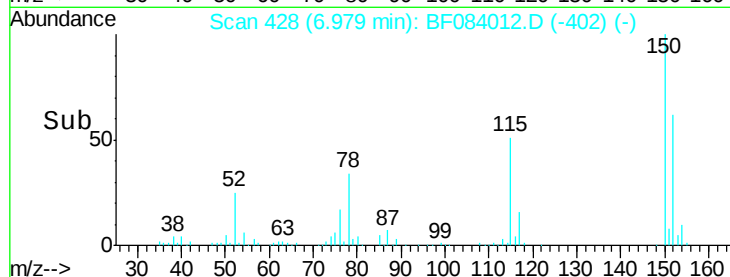
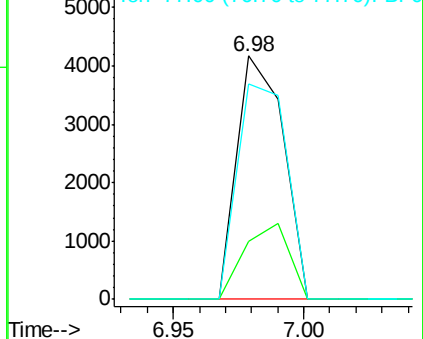
77 88.3 50.0 75.0#



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: 18.90 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.15 min

Lab File: BF084012.D

Acq: 23 Dec 2015 2:25

Tgt Ion: 70 Resp: 34692

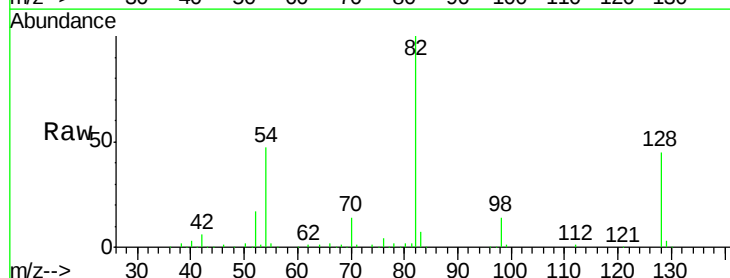
Ion Ratio Lower Upper

70 100

42 42.5 33.3 49.9

101 0.0 9.3 13.9#

130 1.9 23.4 35.0#

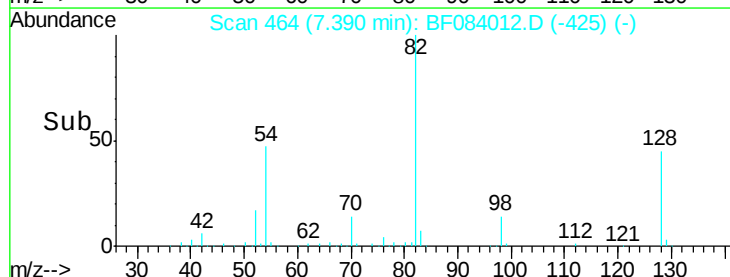
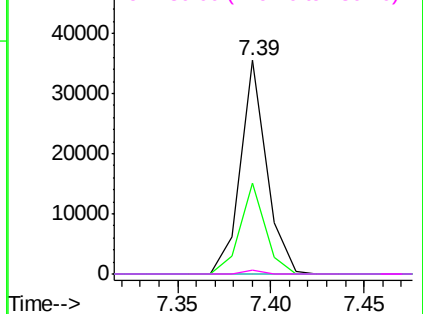


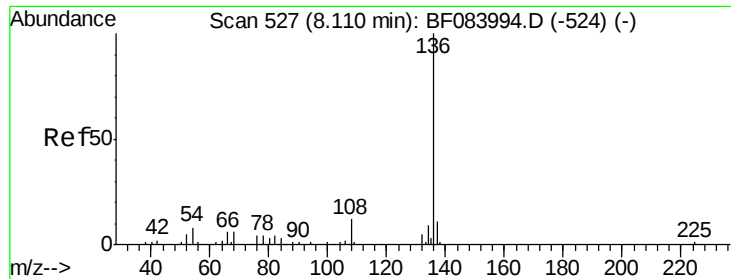
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084012.D

Acq: 23 Dec 2015 2:25

Instrument :

BNA_F

ClientSampleId :

20151214MGP219BRV110

Tgt Ion:136 Resp: 175220

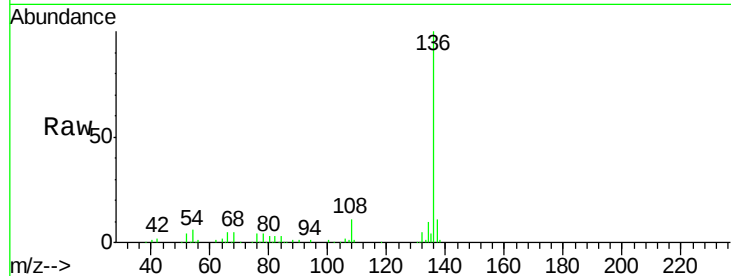
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.4 5.8 8.8

68 4.7 4.2 6.2

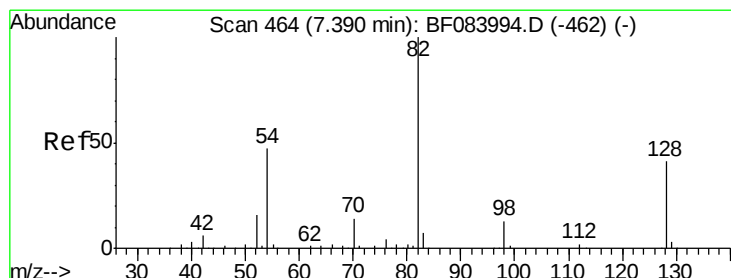
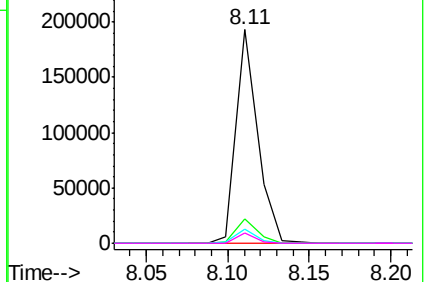
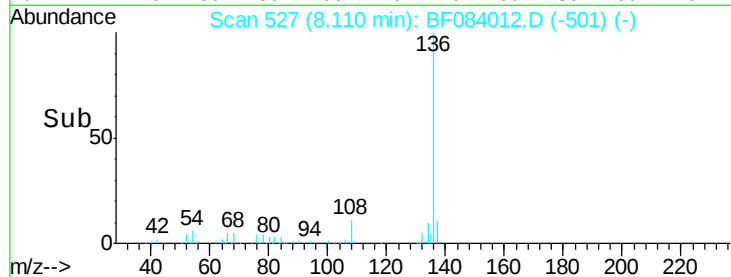


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 90.43 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF084012.D

Acq: 23 Dec 2015 2:25

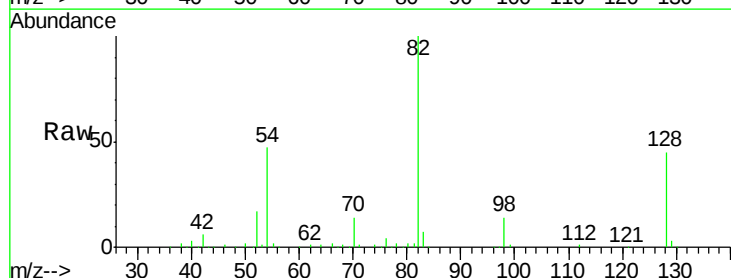
Tgt Ion: 82 Resp: 257940

Ion Ratio Lower Upper

82 100

128 44.8 34.6 51.8

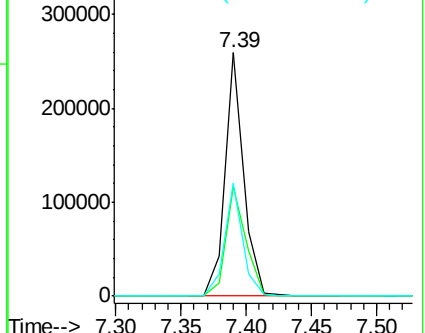
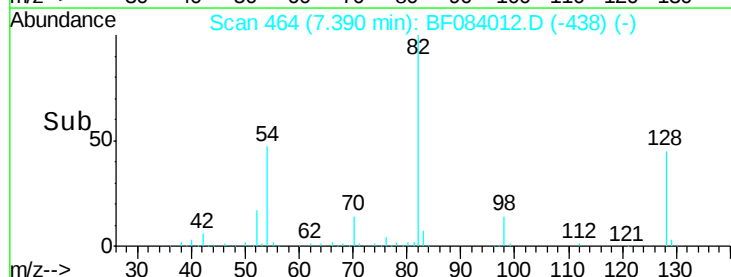
54 46.7 38.4 57.6

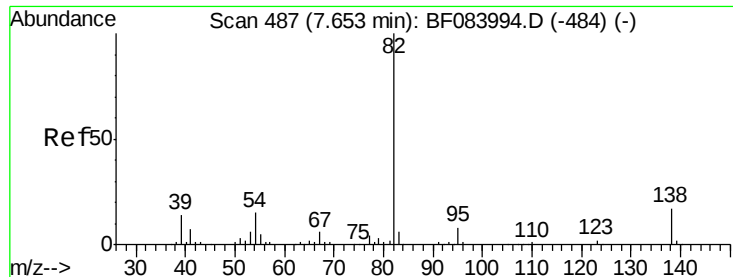


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 42.36 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.26 min

Lab File: BF084012.D

Acq: 23 Dec 2015 2:25

Instrument :

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ClientSampleId :

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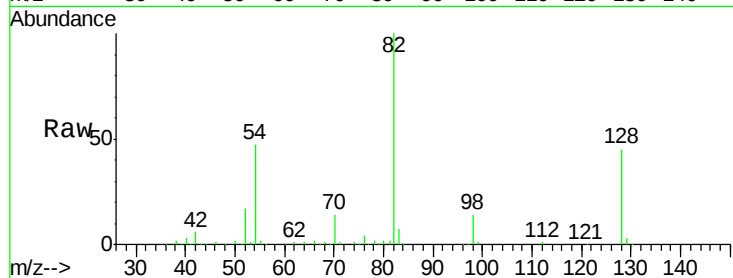
Tgt Ion: 82 Resp: 228944

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

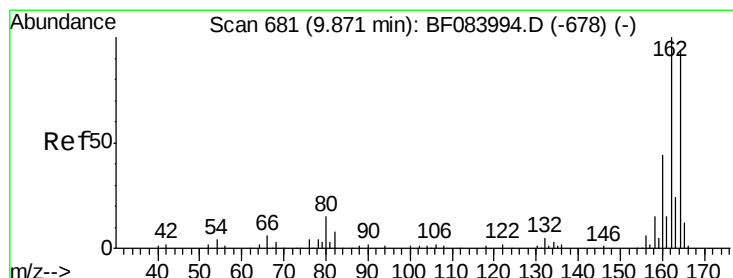
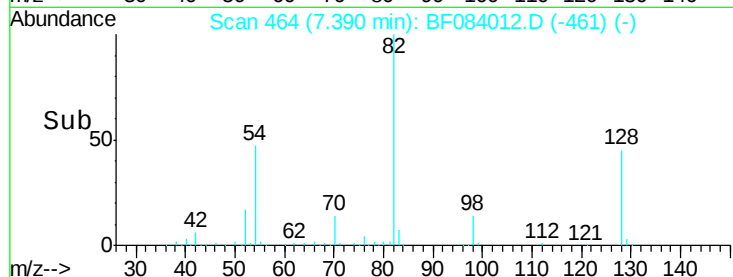
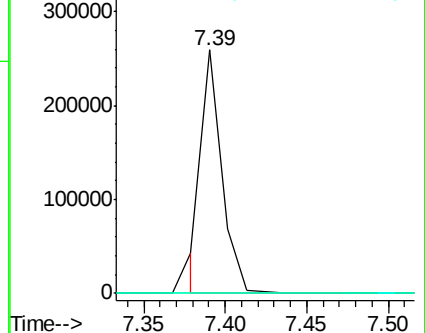
138 0.0 13.6 20.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF084012.D

Acq: 23 Dec 2015 2:25

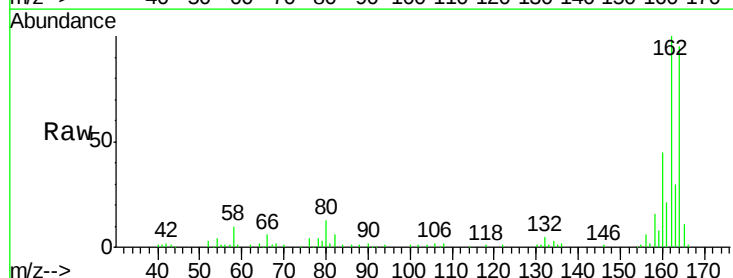
Tgt Ion: 164 Resp: 87740

Ion Ratio Lower Upper

164 100

162 105.1 85.1 127.7

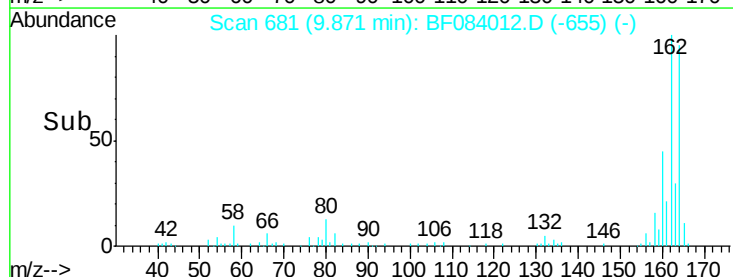
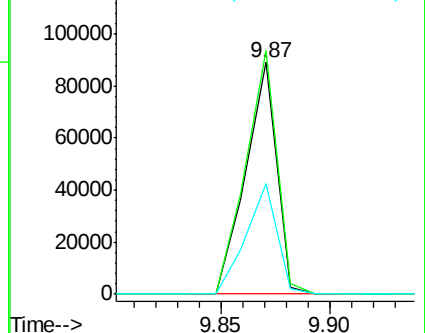
160 47.6 37.5 56.3

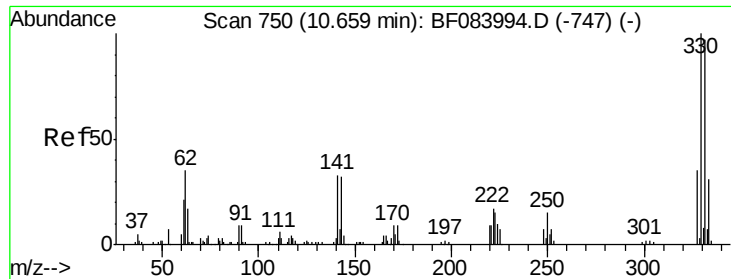


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

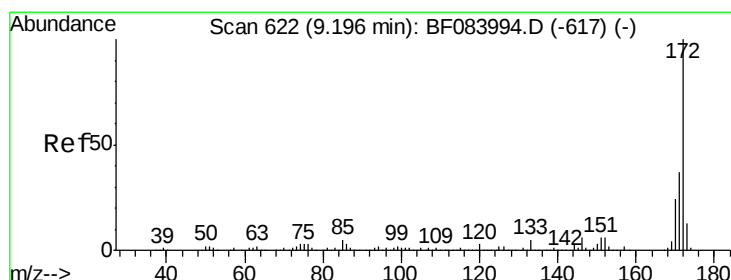
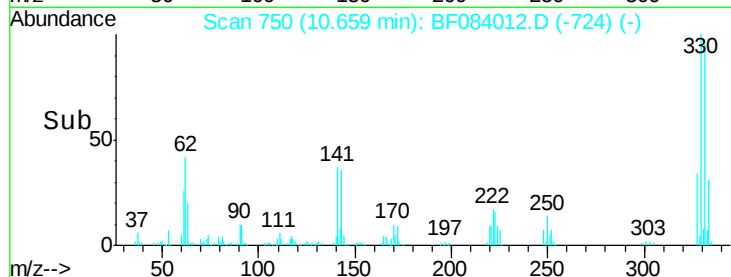
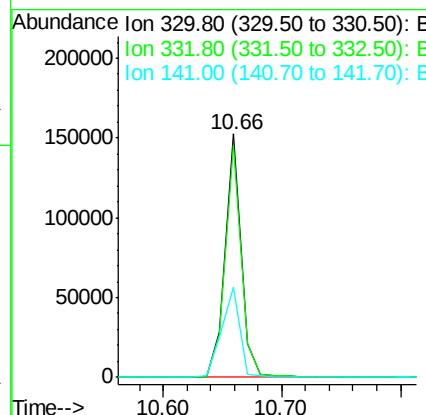
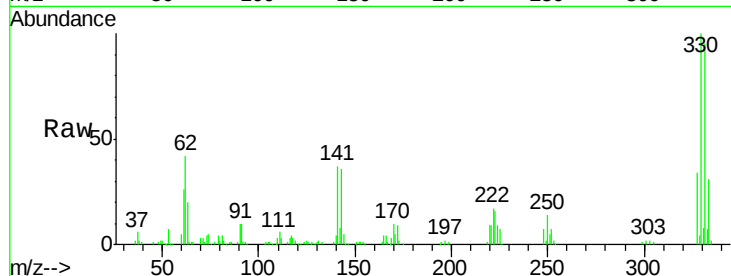




#41
 2,4,6-Tribromophenol
 Concen: 167.73 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084012.D
 Acq: 23 Dec 2015 2:25

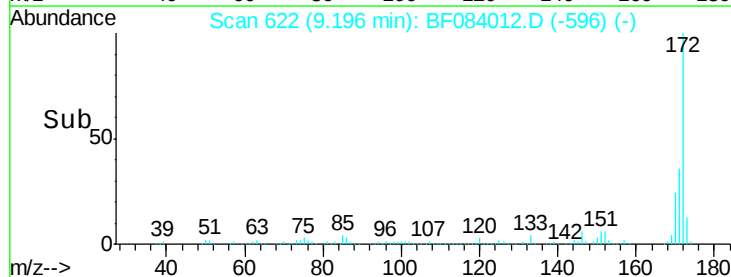
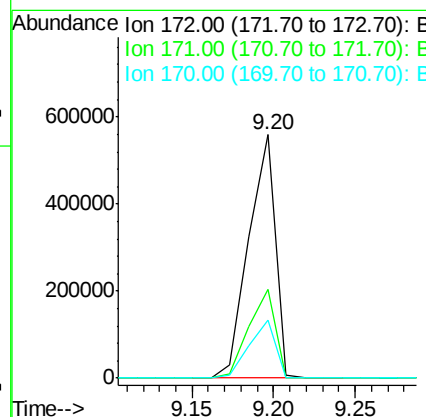
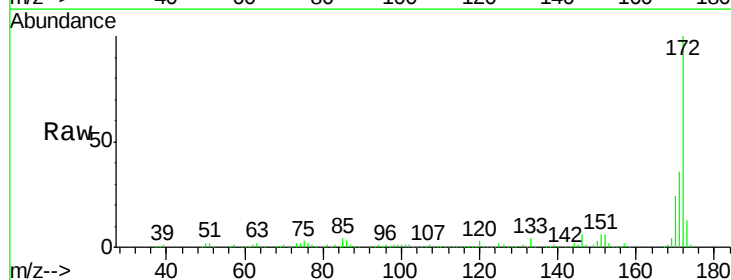
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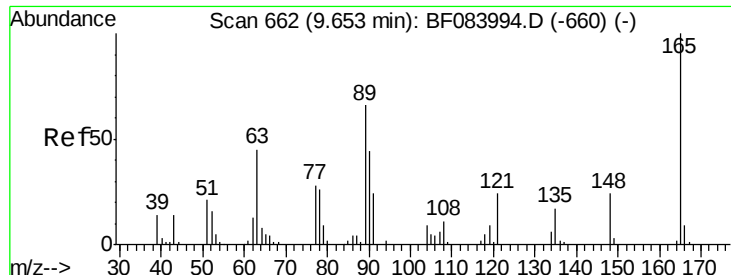
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	114.8
141	41.5	27.8	41.6



#44
 2-Fluorobiphenyl
 Concen: 96.85 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084012.D
 Acq: 23 Dec 2015 2:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	23.9	18.6	27.8

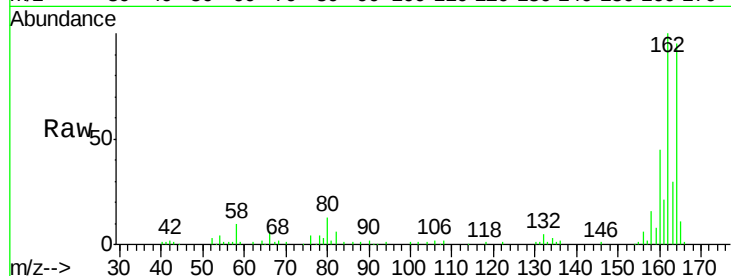




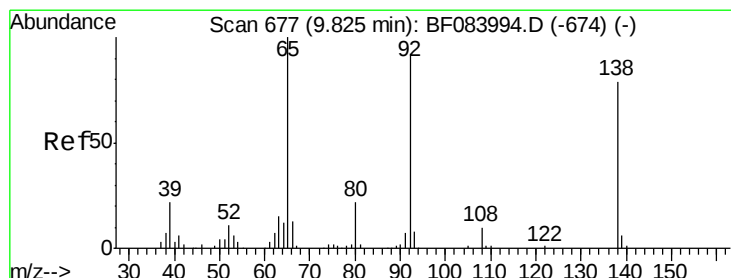
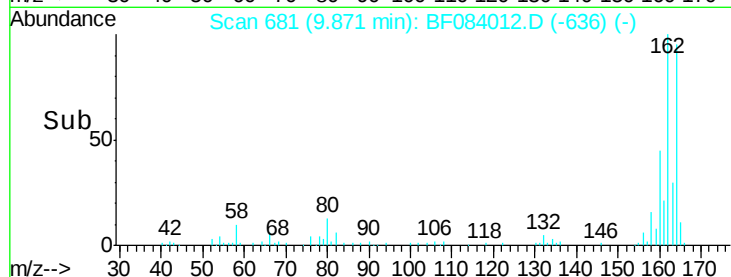
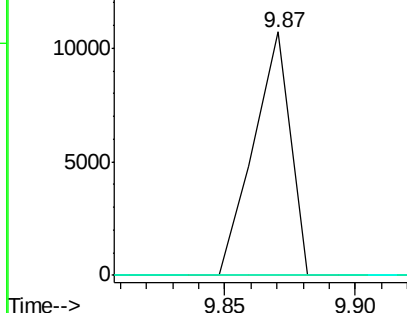
#50
 2,6-Dinitrotoluene
 Concen: 7.35 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.22 min
 Lab File: BF084012.D
 Acq: 23 Dec 2015 2:25

Instrument :
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 20151214MGP219BRV110

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

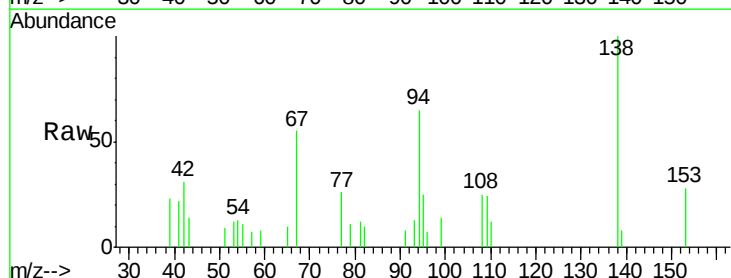


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

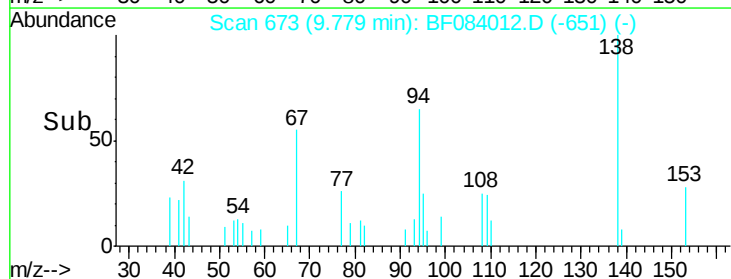
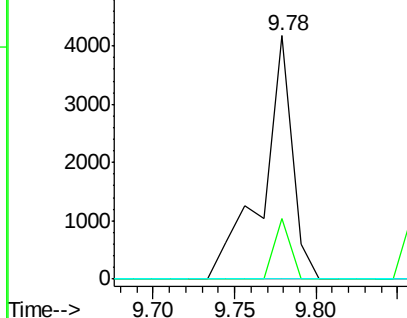


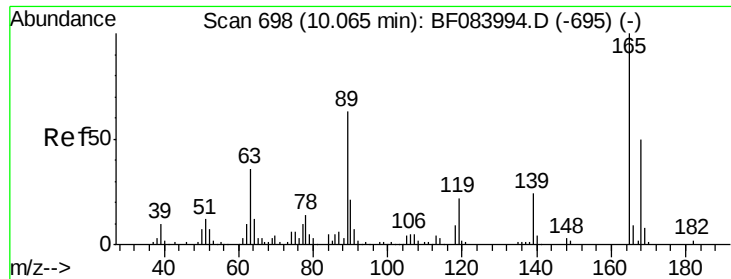
#52
 3-Nitroaniline
 Concen: 3.43 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.05 min
 Lab File: BF084012.D
 Acq: 23 Dec 2015 2:25

Tgt Ion	Ratio	Lower	Upper
138	100		
108	25.1	10.5	15.7#
92	0.0	103.9	155.9#



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

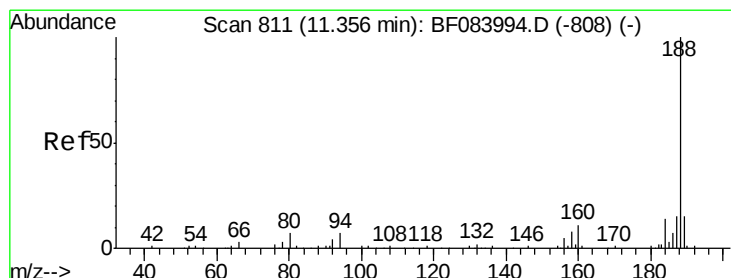
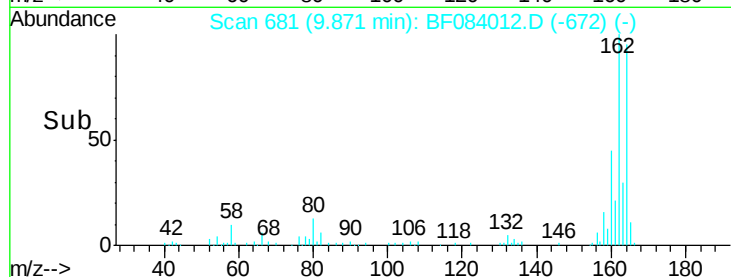
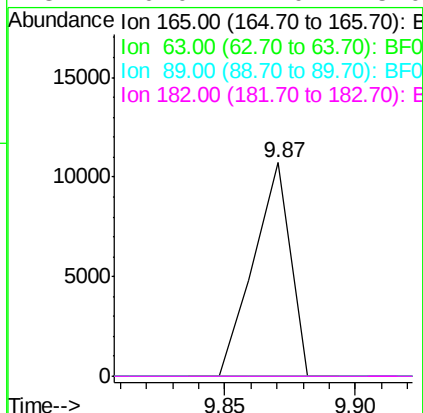
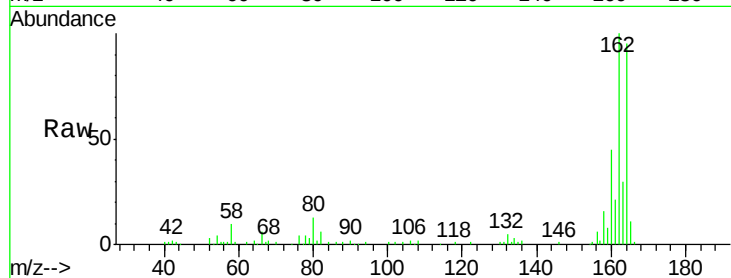




#56
2,4-Dinitrotoluene
Concen: 5.85 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.19 min
Lab File: BF084012.D
Acq: 23 Dec 2015 2:25

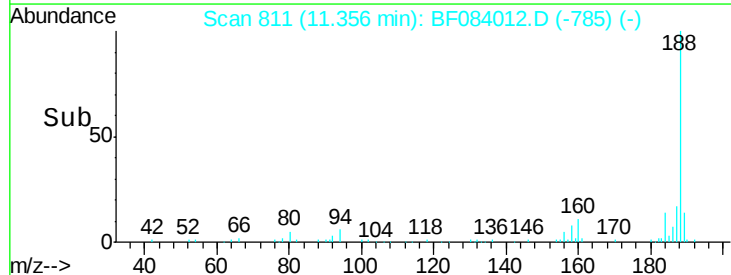
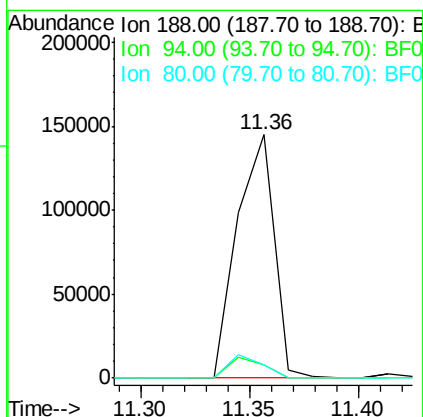
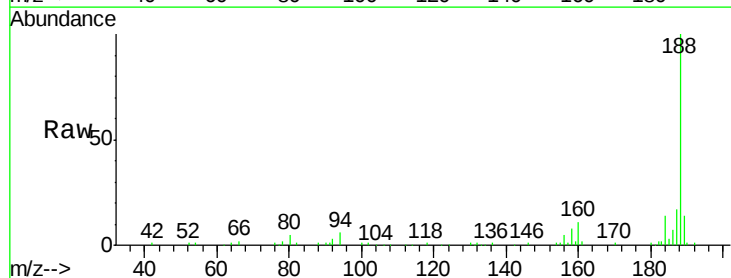
Instrument :
BNA_F
ClientSampleId :
20151214MGP219BRV110

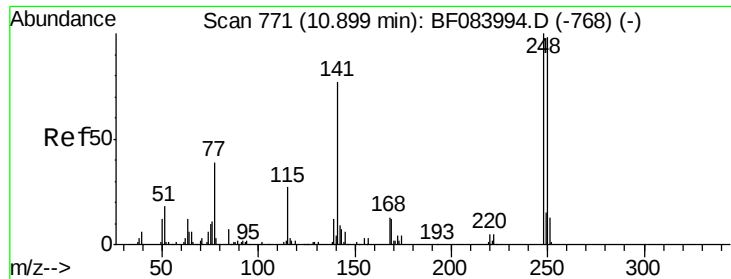
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.7	55.1#
89	0.0	61.9	92.9#
182	0.0	2.0	3.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF084012.D
Acq: 23 Dec 2015 2:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.6	9.0	13.4#
80	5.4	9.6	14.4#

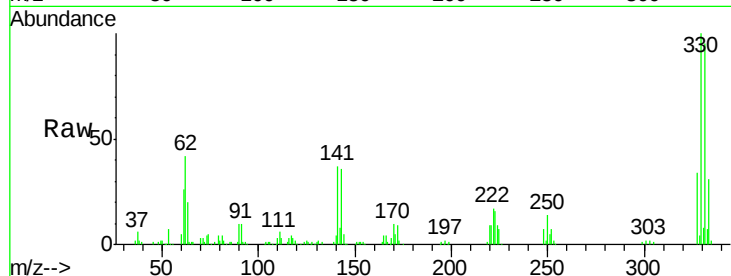




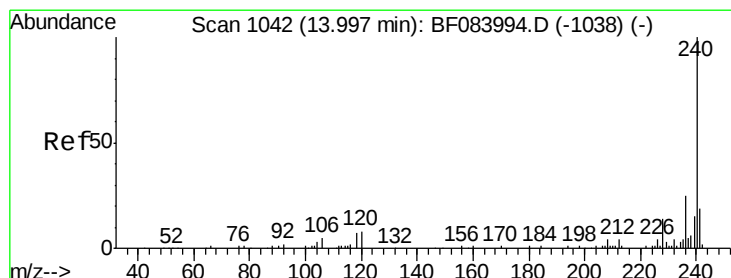
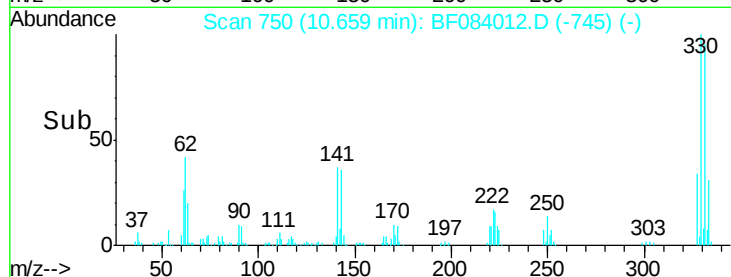
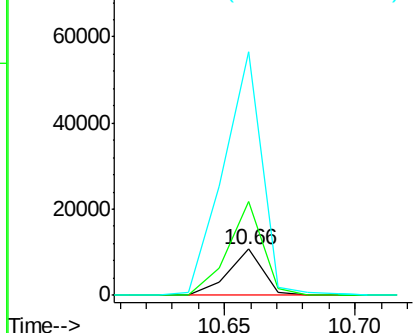
#66
4-Bromophenyl-phenylether
Concen: 5.09 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.24 min
Lab File: BF084012.D
Acq: 23 Dec 2015 2:25

Instrument :
BNA_F
ClientSampleId :
20151214MGP219BRV110

Tgt Ion: 248 Resp: 9983
Ion Ratio Lower Upper
248 100
250 203.3 78.4 117.6#
141 525.9 44.0 66.0#

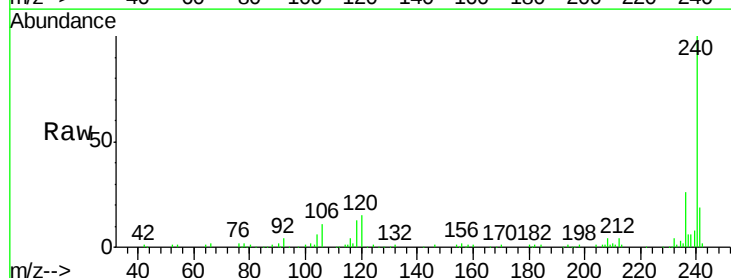


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

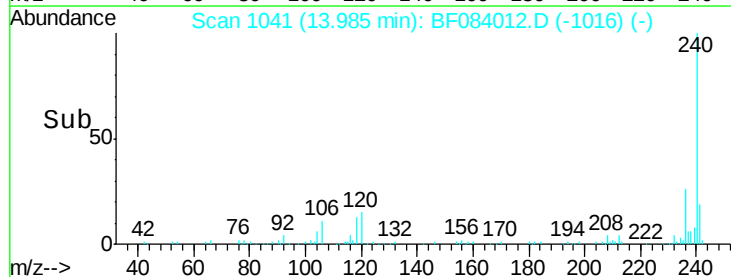
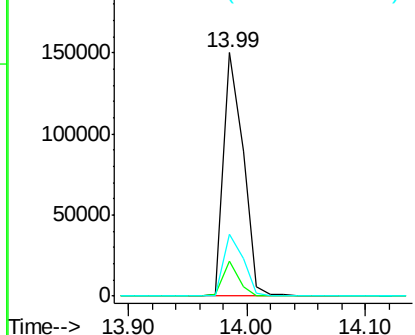


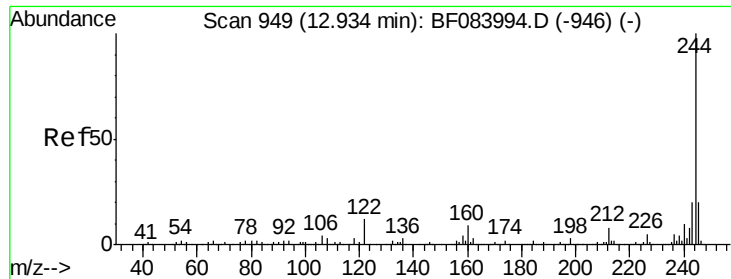
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084012.D
Acq: 23 Dec 2015 2:25

Tgt Ion: 240 Resp: 171822
Ion Ratio Lower Upper
240 100
120 14.6 9.5 14.3#
236 25.6 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

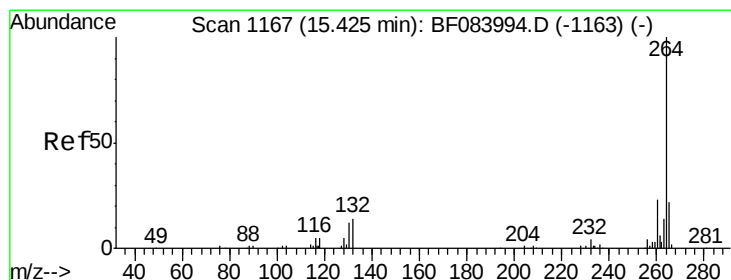
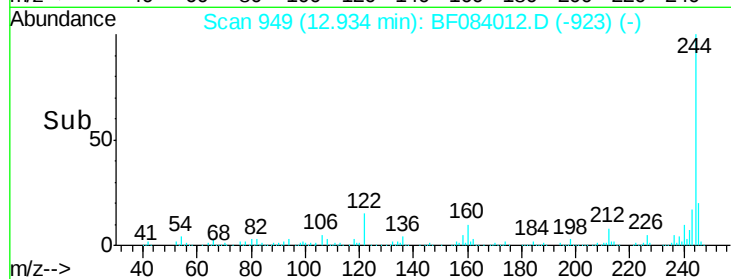
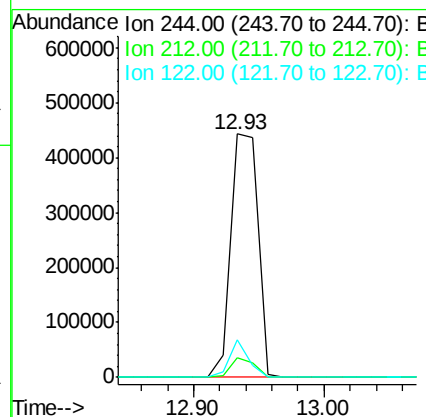
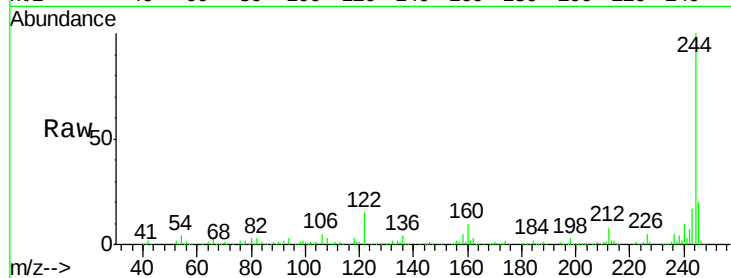




#78
 Terphenyl-d14
 Concen: 88.16 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF084012.D
 Acq: 23 Dec 2015 2:25

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP219BRV110

Tgt Ion:244 Resp: 635147
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.7 8.5
 122 15.2 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF084012.D
 Acq: 23 Dec 2015 2:25

Tgt Ion:264 Resp: 151437
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 21.8 17.8 26.6

