

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122215\
 Data File : BF084010.D
 Acq On : 23 Dec 2015 1:29
 Operator : UM/SJ
 Sample : G4916-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP220BRV136.5

Quant Time: Dec 23 02:50:27 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

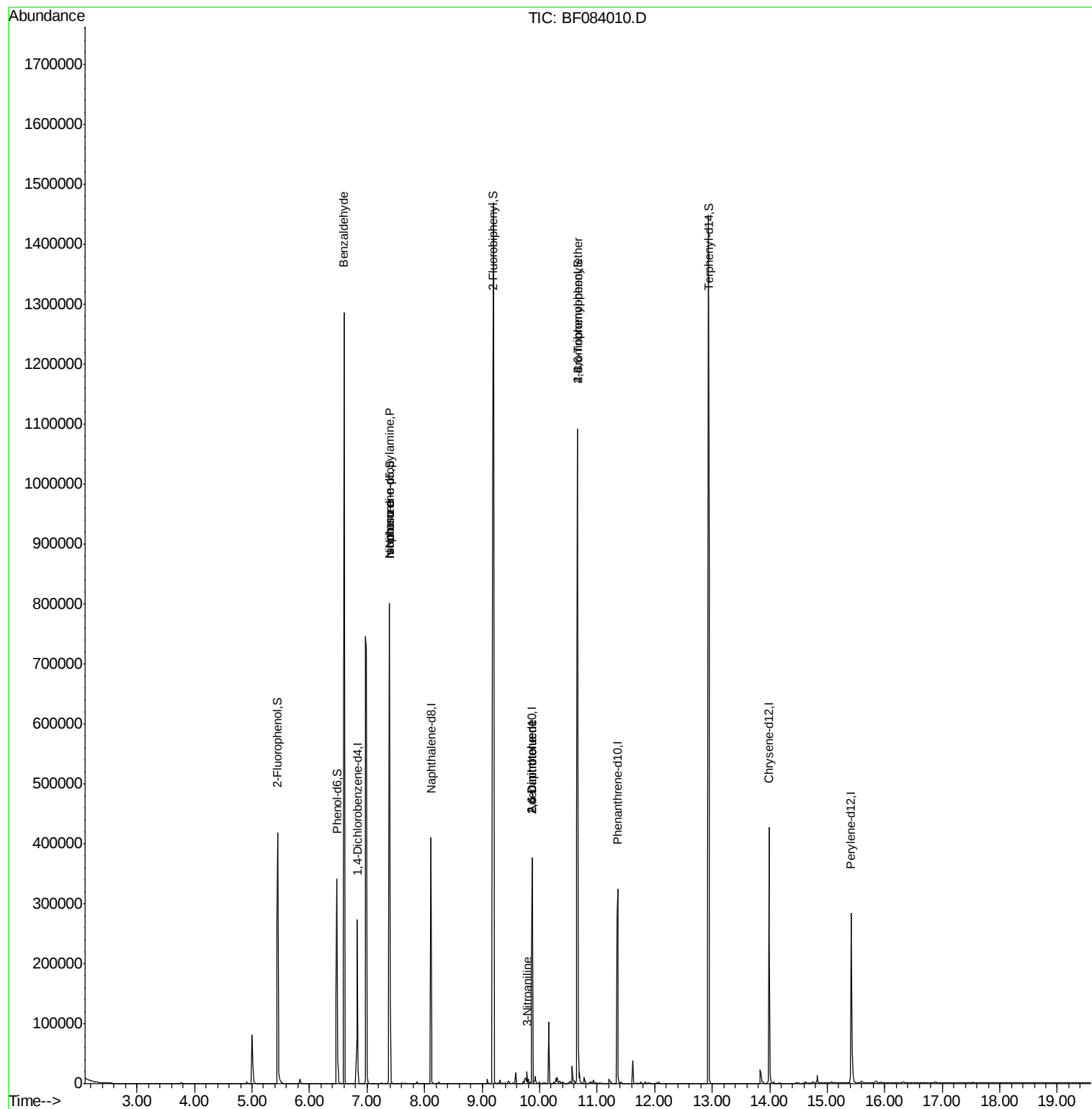
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	44835	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	181179	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	88469	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	168861	20.00	ng	0.00
75) Chrysene-d12	13.99	240	177543	20.00	ng	-0.01
86) Perylene-d12	15.41	264	155992	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	167487	63.69	ng	0.01
7) Phenol-d6	6.48	99	144679	46.79	ng	0.00
23) Nitrobenzene-d5	7.39	82	260821	88.44	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	134723	158.32	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	616402	93.77	ng	0.00
78) Terphenyl-d14	12.93	244	578678	77.73	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	8012	3.88	ng	# 82
19) n-Nitroso-di-n-propylamine	7.39	70	36023	19.23	ng	# 78
25) Isophorone	7.39	82	225385	40.33	ng	# 66
50) 2,6-Dinitrotoluene	9.87	165	11036	7.55	ng	# 35
52) 3-Nitroaniline	9.78	138	6443	4.15	ng	# 1
56) 2,4-Dinitrotoluene	9.87	165	11036	6.01	ng	# 20
66) 4-Bromophenyl-phenylether	10.66	248	10274	5.31	ng	# 1

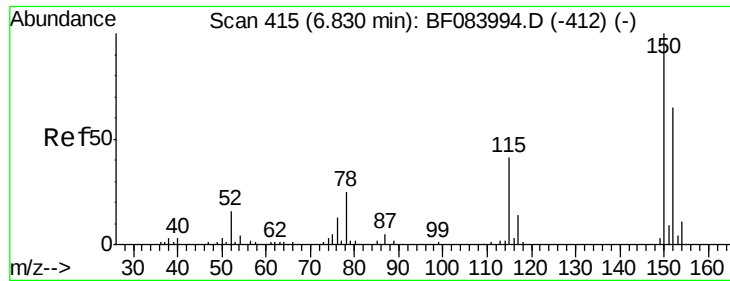
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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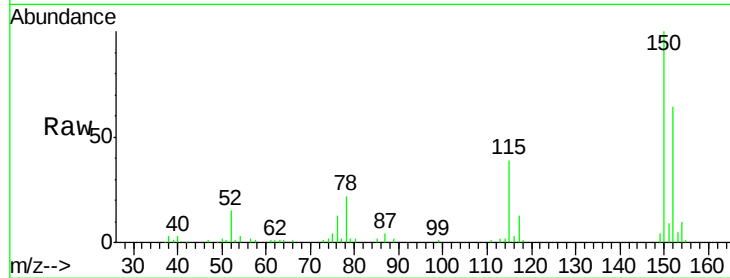




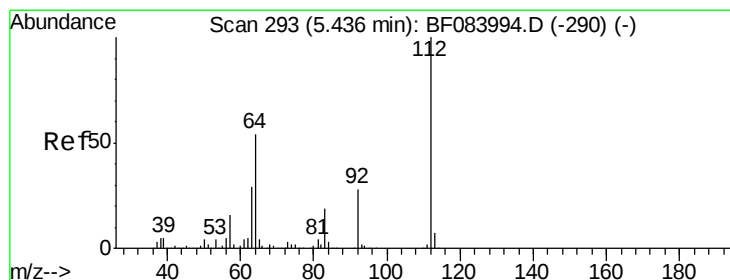
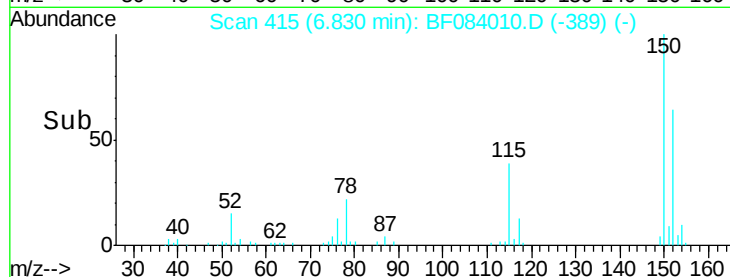
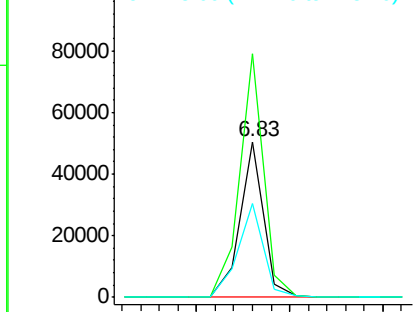
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: BF084010.D
 Acq: 23 Dec 2015 1:29

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP220BRV136.5

Tgt Ion:152 Resp: 44835
 Ion Ratio Lower Upper
 152 100
 150 156.1 123.0 184.4
 115 60.3 51.4 77.2

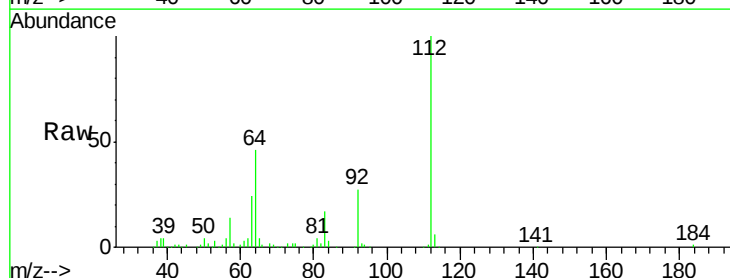


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

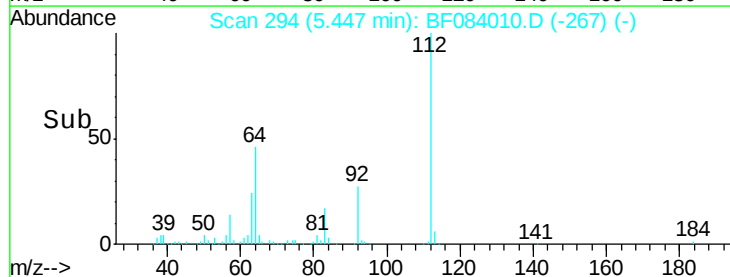
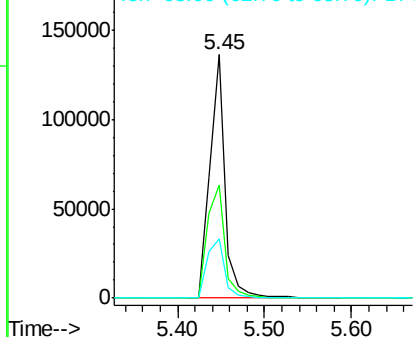


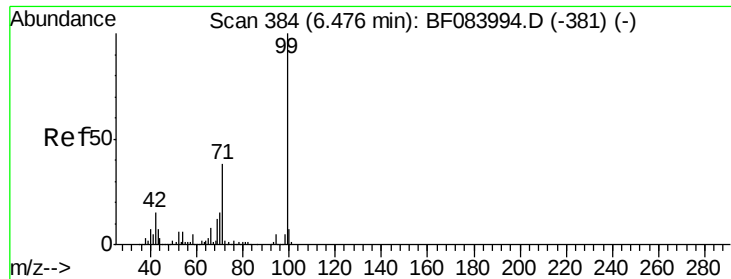
#5
 2-Fluorophenol
 Concen: 63.69 ng
 RT: 5.45 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: BF084010.D
 Acq: 23 Dec 2015 1:29

Tgt Ion:112 Resp: 167487
 Ion Ratio Lower Upper
 112 100
 64 46.4 36.6 55.0
 63 24.4 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: 46.79 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084010.D

Acq: 23 Dec 2015 1:29

Instrument :

BNA_F

ClientSampleId :

20151214MGP220BRV136.5

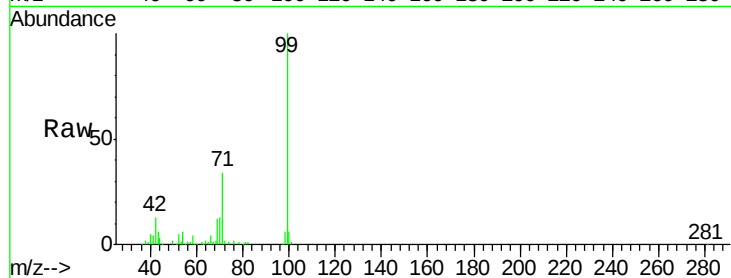
Tgt Ion: 99 Resp: 144679

Ion Ratio Lower Upper

99 100

42 12.5 12.8 19.2#

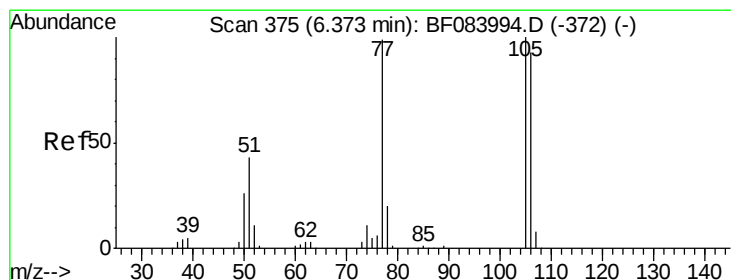
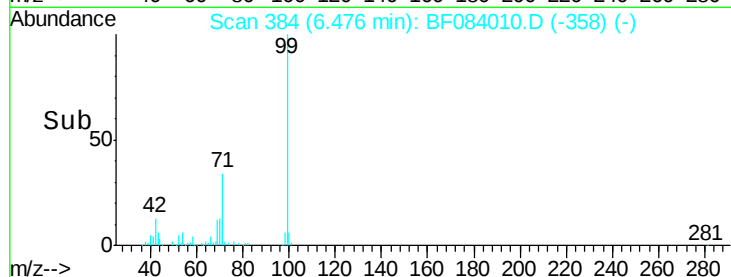
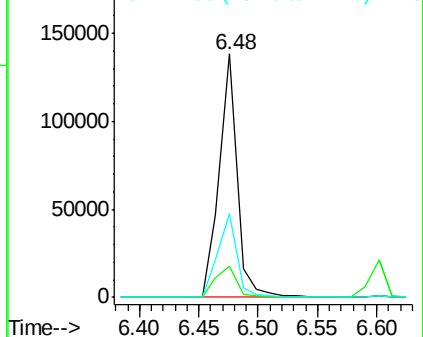
71 34.1 30.9 46.3



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: 3.88 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.23 min

Lab File: BF084010.D

Acq: 23 Dec 2015 1:29

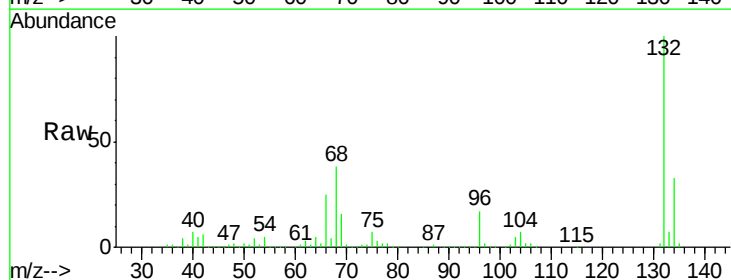
Tgt Ion: 77 Resp: 8012

Ion Ratio Lower Upper

77 100

105 81.6 83.0 123.0#

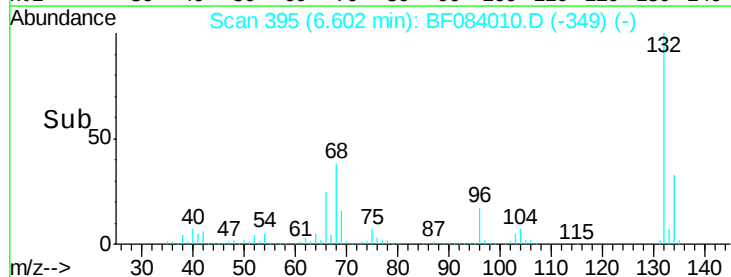
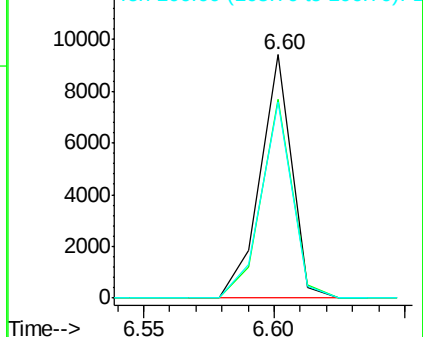
106 80.6 74.6 114.6

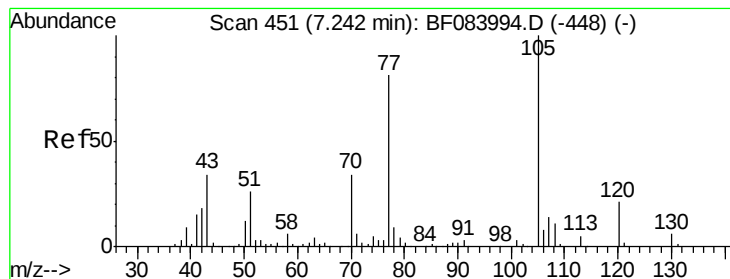


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 19.23 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.15 min

Lab File: BF084010.D

Acq: 23 Dec 2015 1:29

Instrument :

BNA_F

ClientSampleId :

20151214MGP220BRV136.5

Tgt Ion: 70 Resp: 36023

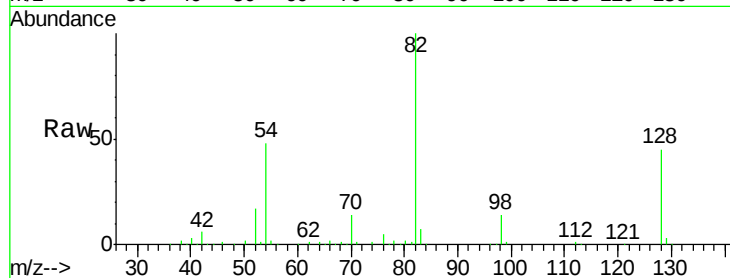
Ion Ratio Lower Upper

70 100

42 41.4 33.3 49.9

101 0.0 9.3 13.9#

130 2.1 23.4 35.0#

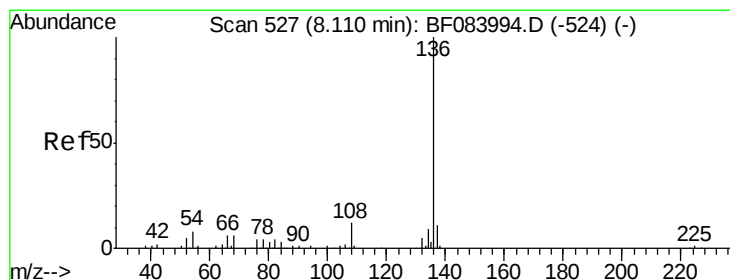
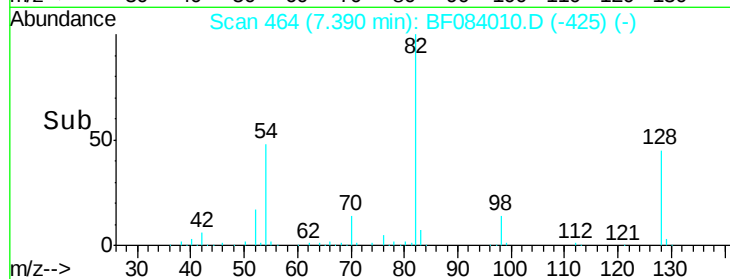
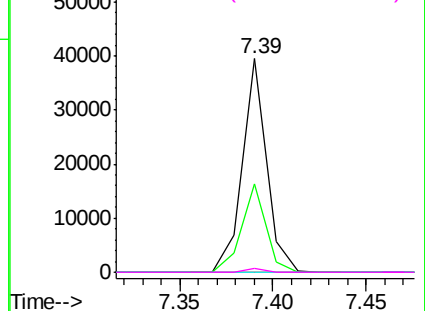


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084010.D

Acq: 23 Dec 2015 1:29

Tgt Ion: 136 Resp: 181179

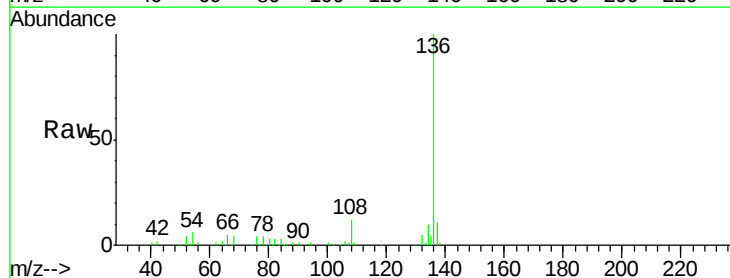
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 6.4 5.8 8.8

68 4.4 4.2 6.2

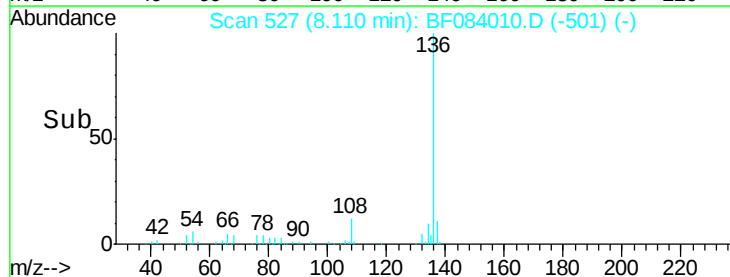
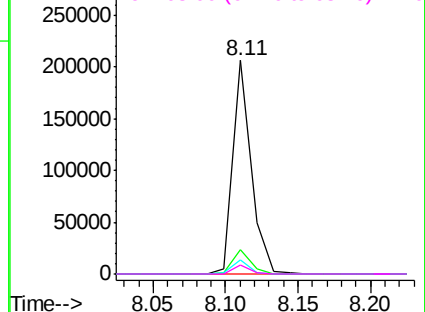


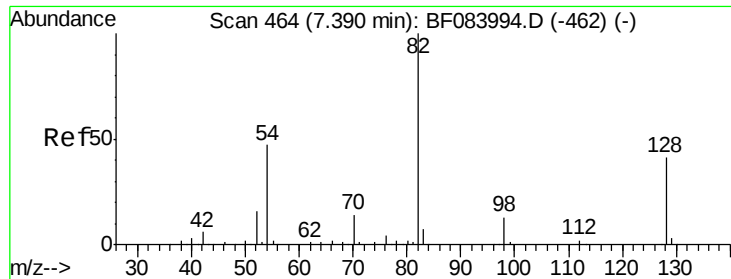
Abundance Ion 136.00 (135.70 to 136.70): E

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

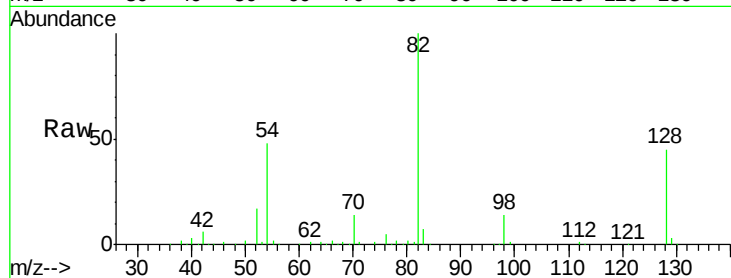




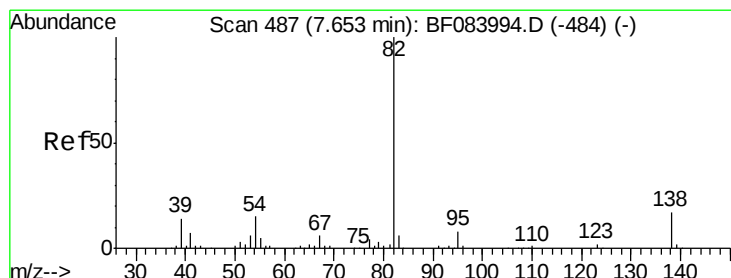
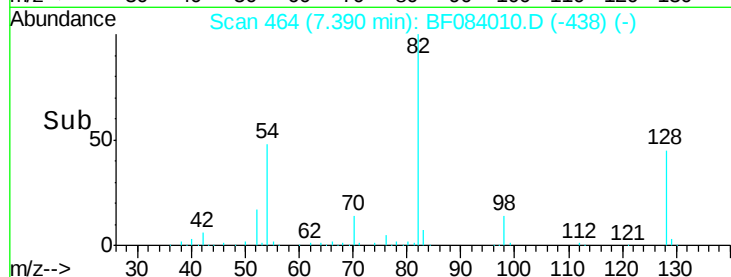
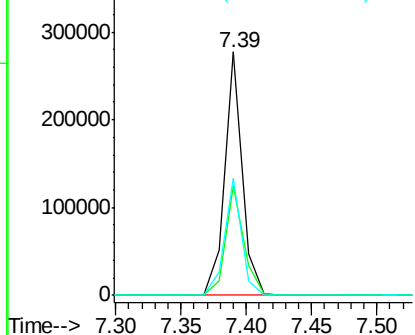
#23
 Nitrobenzene-d5
 Concen: 88.44 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF084010.D
 Acq: 23 Dec 2015 1:29

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP220BRV136.5

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.6	51.8
54	48.0	38.4	57.6

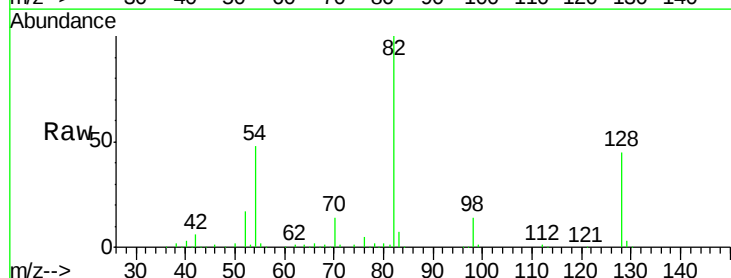


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

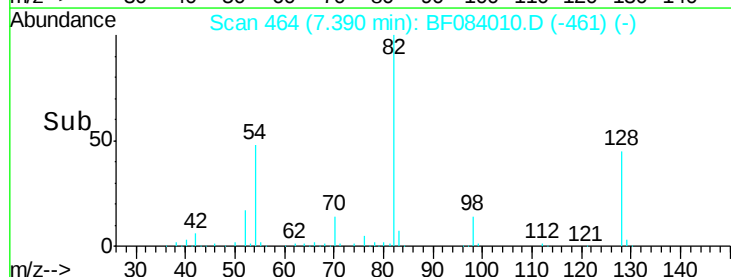
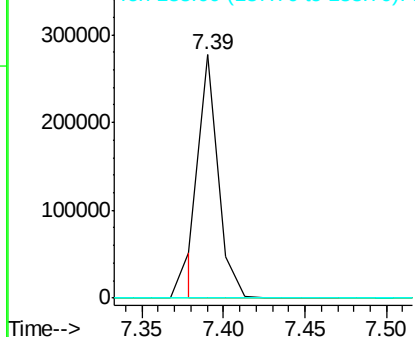


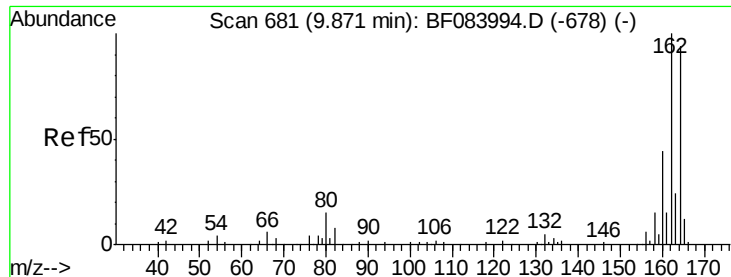
#25
 Isophorone
 Concen: 40.33 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.26 min
 Lab File: BF084010.D
 Acq: 23 Dec 2015 1:29

Tgt 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): BF0

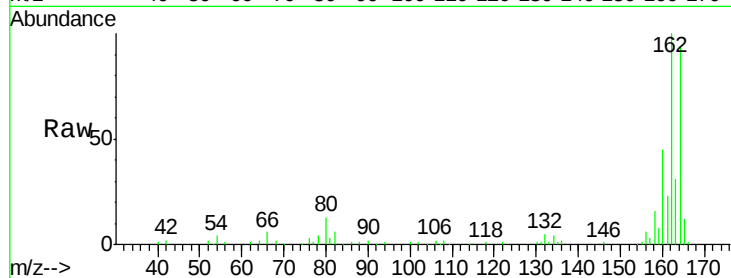




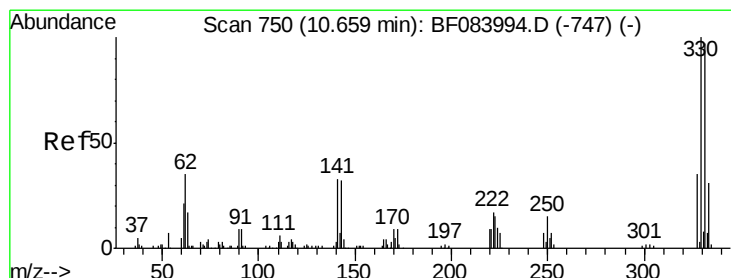
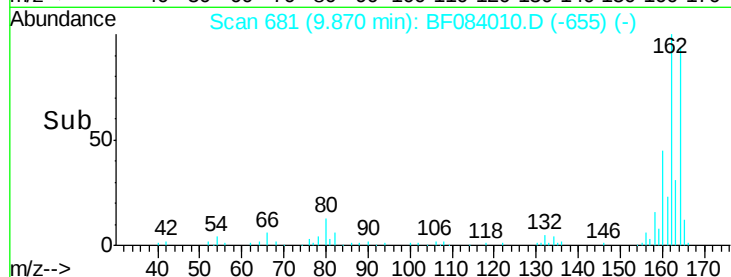
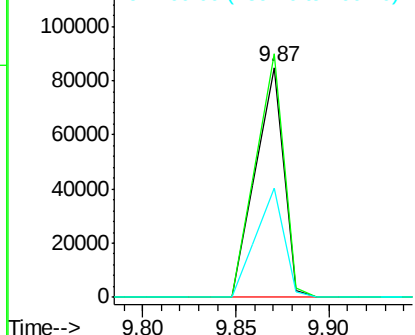
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF084010.D
 Acq: 23 Dec 2015 1:29

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP220BRV136.5

Tgt Ion:164 Resp: 88469
 Ion Ratio Lower Upper
 164 100
 162 105.8 85.1 127.7
 160 47.4 37.5 56.3

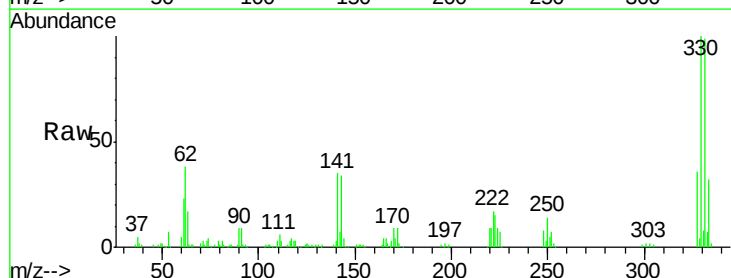


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

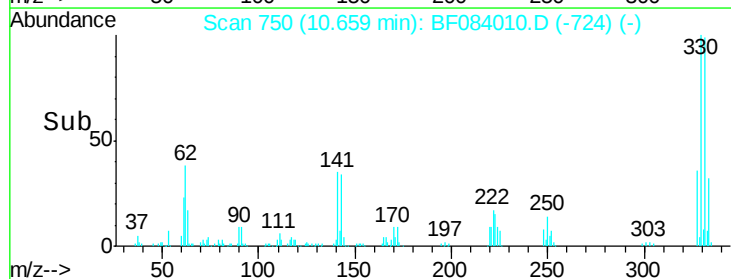
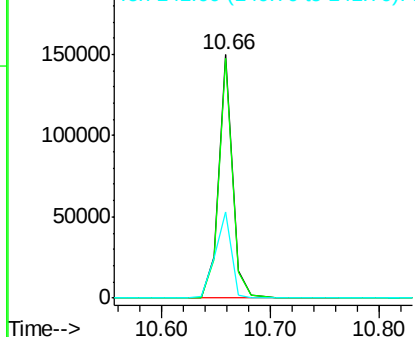


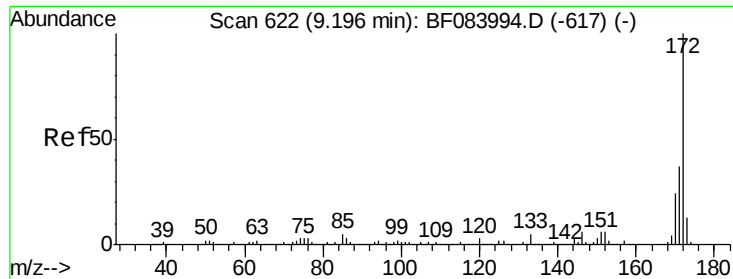
#41
 2,4,6-Tribromophenol
 Concen: 158.32 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084010.D
 Acq: 23 Dec 2015 1:29

Tgt Ion:330 Resp: 134723
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.6 114.8
 141 41.3 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

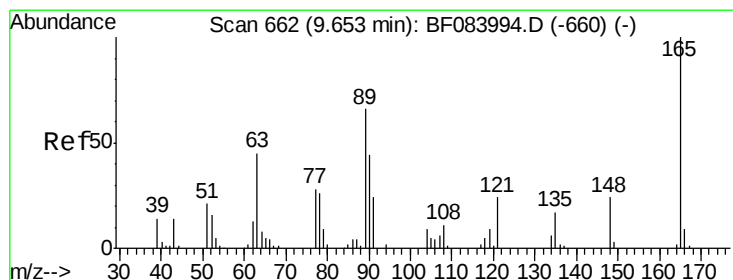
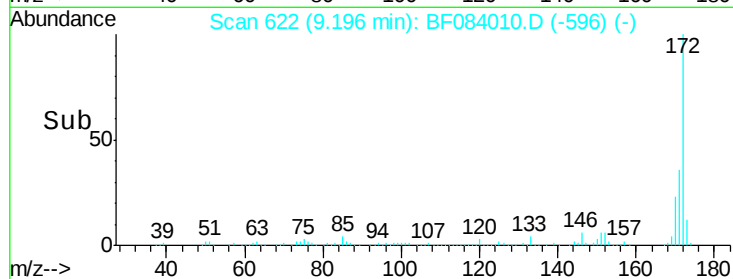
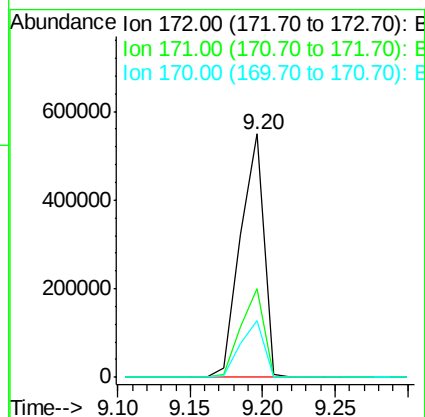
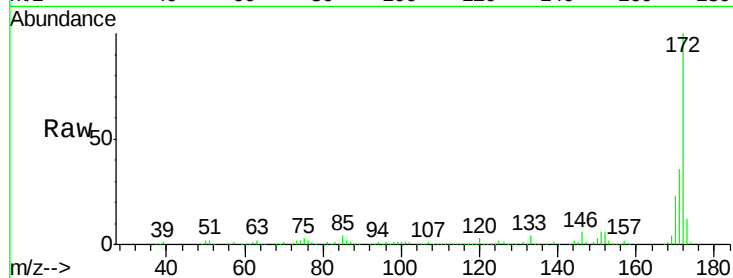




#44
 2-Fluorobiphenyl
 Concen: 93.77 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084010.D
 Acq: 23 Dec 2015 1:29

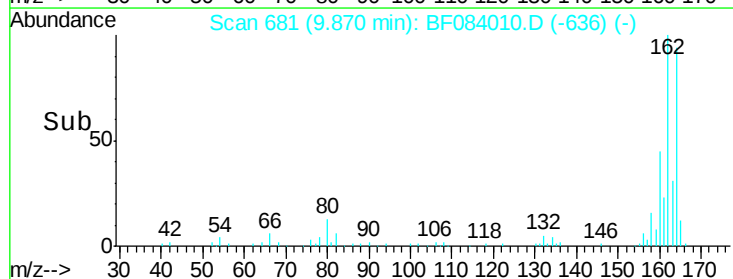
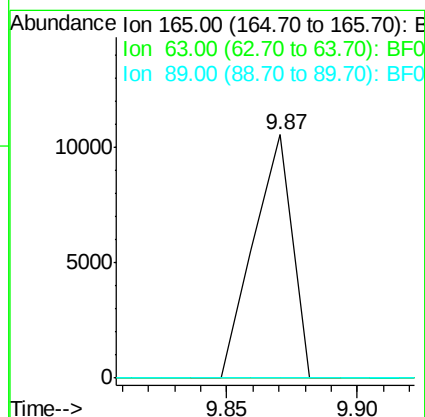
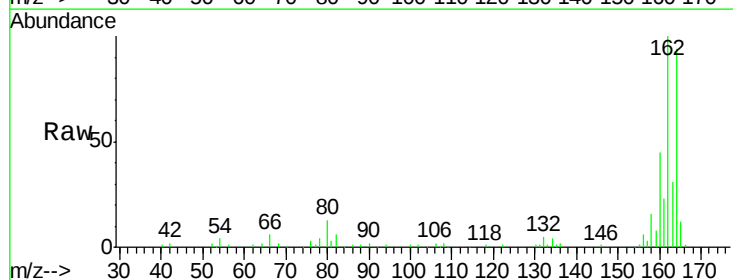
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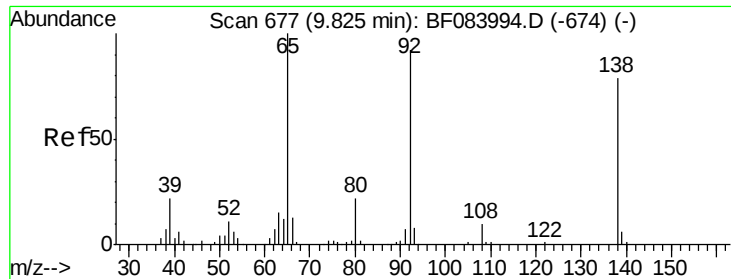
Tgt Ion:172 Resp: 616402
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.9 43.3
 170 23.4 18.6 27.8



#50
 2,6-Dinitrotoluene
 Concen: 7.55 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.22 min
 Lab File: BF084010.D
 Acq: 23 Dec 2015 1:29

Tgt Ion:165 Resp: 11036
 Ion Ratio Lower Upper
 165 100
 63 0.0 28.8 43.2#
 89 0.0 35.1 52.7#





#52

3-Nitroaniline

Concen: 4.15 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.05 min

Lab File: BF084010.D

Acq: 23 Dec 2015 1:29

Instrument :

BNA_F

ClientSampleId :

20151214MGP220BRV136.5

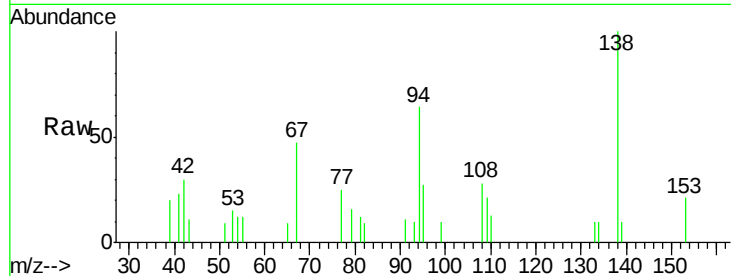
Tgt Ion:138 Resp: 6443

Ion Ratio Lower Upper

138 100

108 27.8 10.5 15.7#

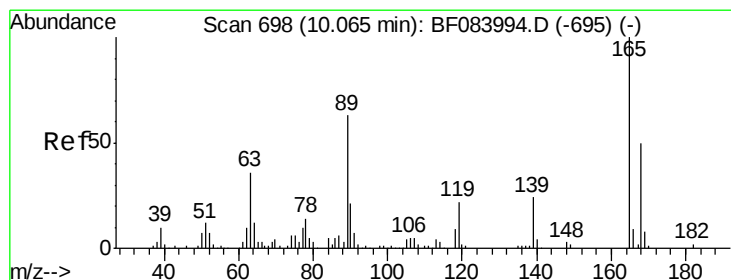
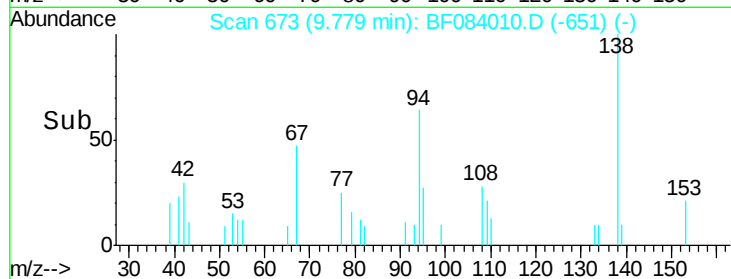
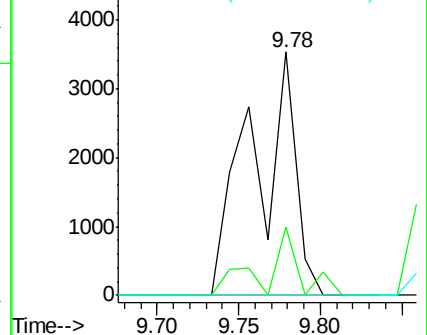
92 0.0 103.9 155.9#



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: 6.01 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.19 min

Lab File: BF084010.D

Acq: 23 Dec 2015 1:29

Tgt Ion:165 Resp: 11036

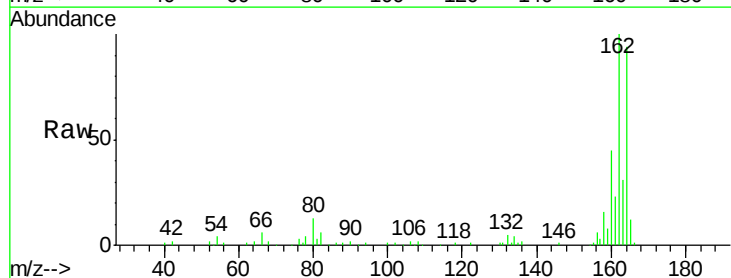
Ion Ratio Lower Upper

165 100

63 0.0 36.7 55.1#

89 0.0 61.9 92.9#

182 0.0 2.0 3.0#

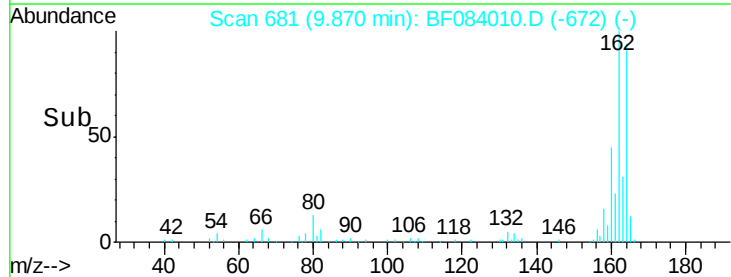
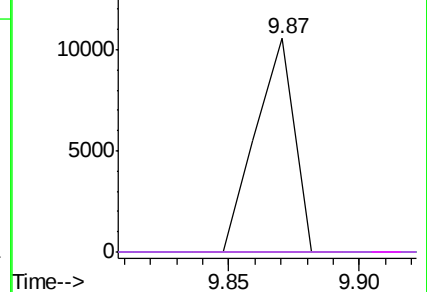


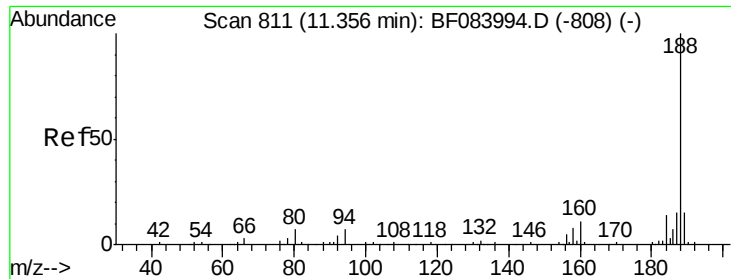
Abundance Ion 165.00 (164.70 to 165.70): E

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

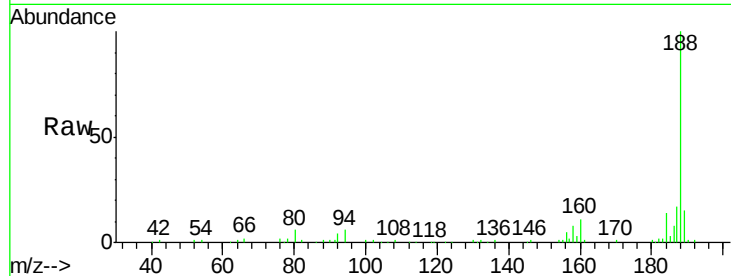




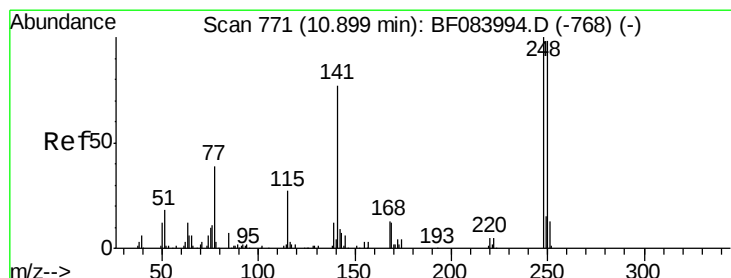
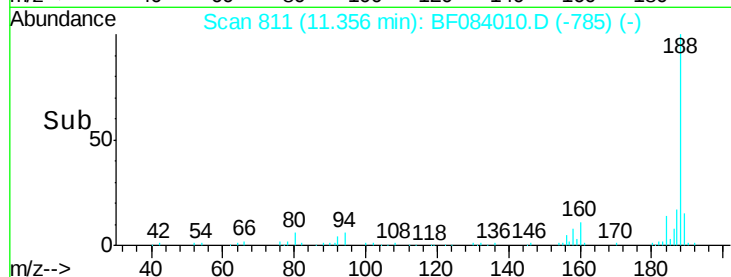
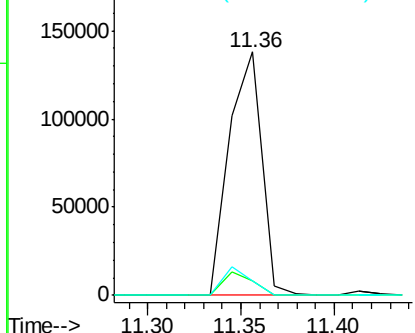
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF084010.D
Acq: 23 Dec 2015 1:29

Instrument :
BNA_F
ClientSampleId :
20151214MGP220BRV136.5

Tgt Ion:188 Resp: 168861
Ion Ratio Lower Upper
188 100
94 6.1 9.0 13.4#
80 6.1 9.6 14.4#

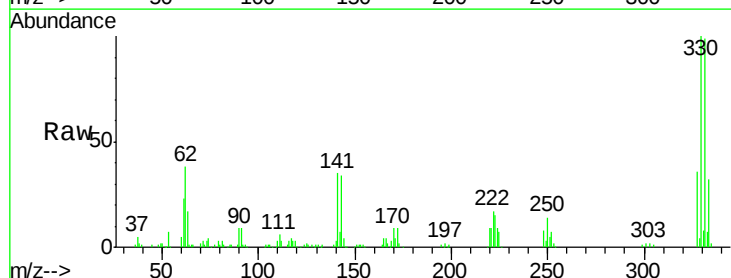


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

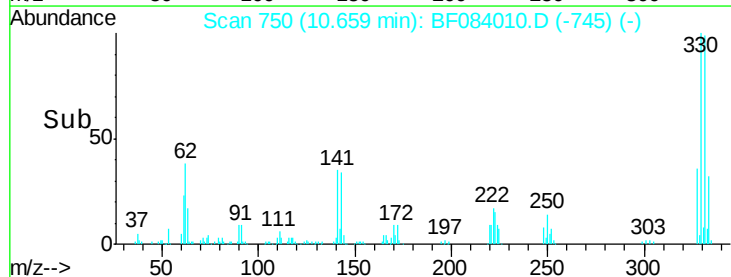
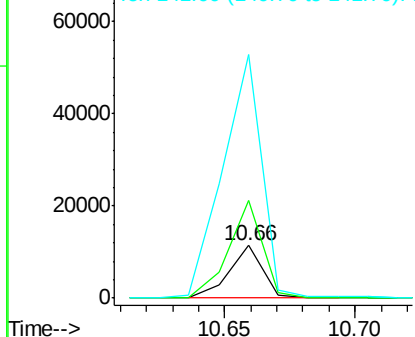


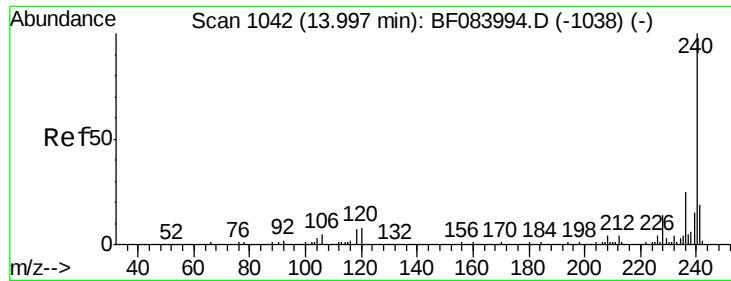
#66
4-Bromophenyl-phenylether
Concen: 5.31 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.24 min
Lab File: BF084010.D
Acq: 23 Dec 2015 1:29

Tgt Ion:248 Resp: 10274
Ion Ratio Lower Upper
248 100
250 184.5 78.4 117.6#
141 462.0 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

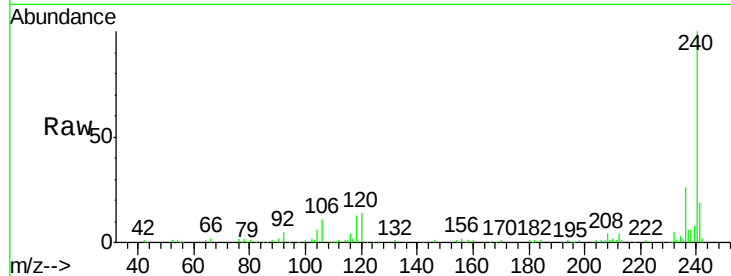




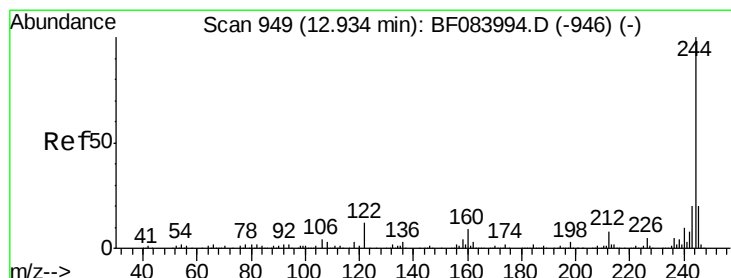
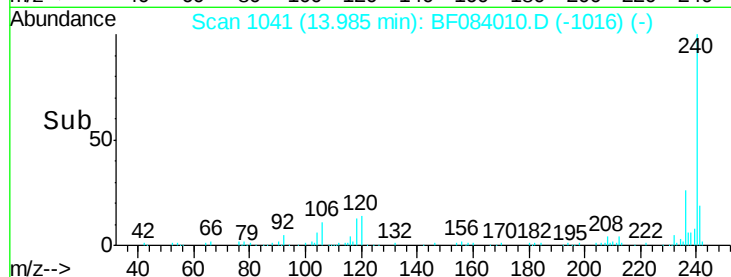
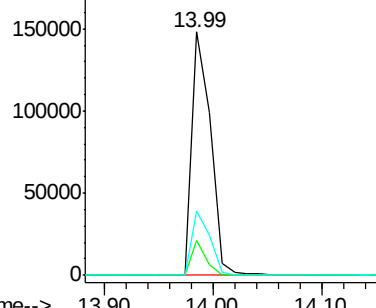
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084010.D
Acq: 23 Dec 2015 1:29

Instrument :
BNA_F
ClientSampleId :
20151214MGP220BRV136.5

Tgt Ion:240 Resp: 177543
Ion Ratio Lower Upper
240 100
120 14.3 9.5 14.3#
236 26.3 20.6 31.0

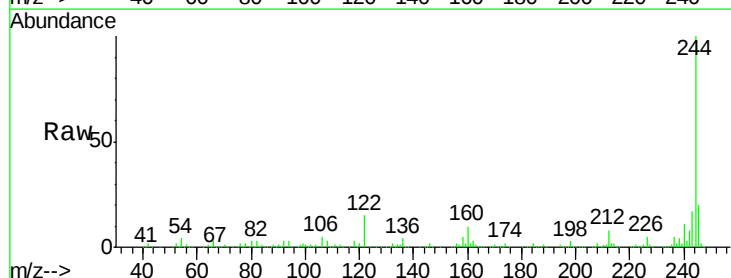


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

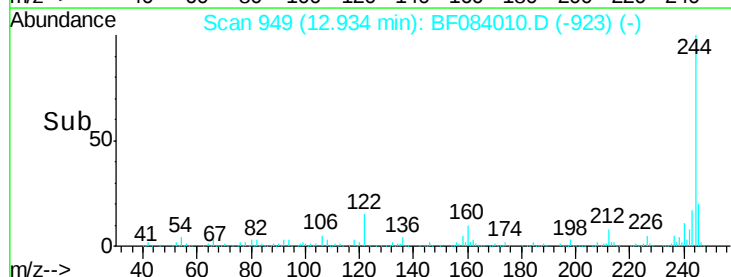
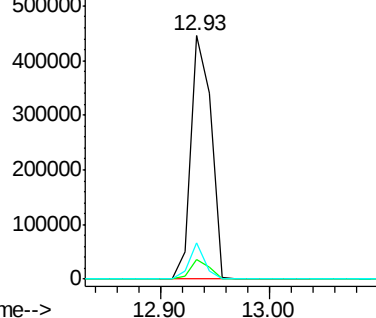


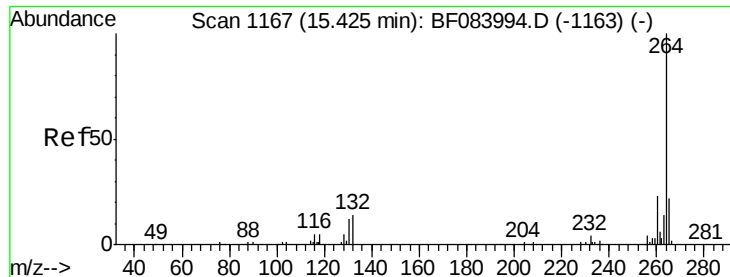
#78
Terphenyl-d14
Concen: 77.73 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF084010.D
Acq: 23 Dec 2015 1:29

Tgt Ion:244 Resp: 578678
Ion Ratio Lower Upper
244 100
212 8.1 5.7 8.5
122 14.8 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

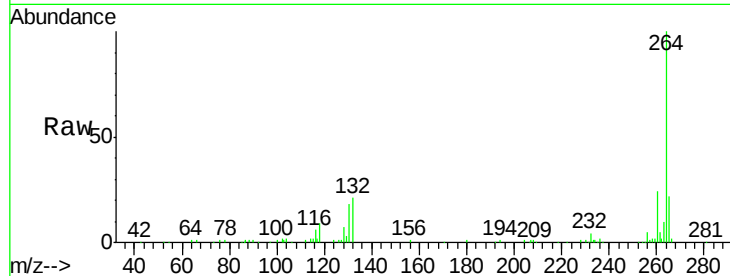




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF084010.D
Acq: 23 Dec 2015 1:29

Instrument :
BNA_F
ClientSampleId :
20151214MGP220BRV136.5

Tgt Ion:	264	Resp:	155992
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.6	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

