

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
 Data File : BF084453.D
 Acq On : 13 Jan 2016 20:40
 Operator : SJ/UM
 Sample : PB87806BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87806BL

Quant Time: Jan 14 11:12:53 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

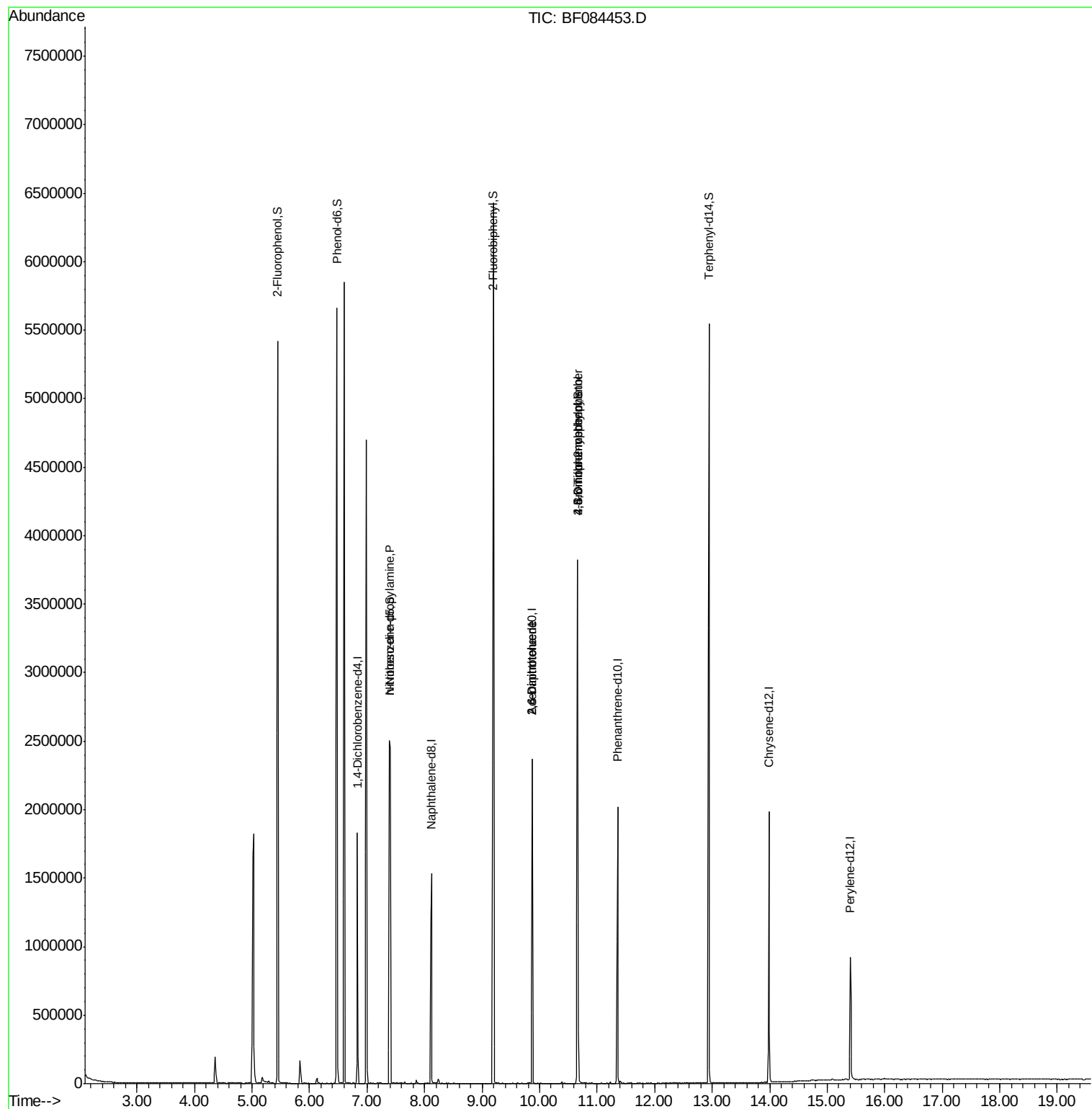
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	240304	20.00	ng	-0.07
21) Naphthalene-d8	8.12	136	958681	20.00	ng	-0.07
38) Acenaphthene-d10	9.87	164	458237	20.00	ng	-0.08
63) Phenanthrene-d10	11.36	188	849449	20.00	ng	-0.07
75) Chrysene-d12	13.99	240	652732	20.00	ng	-0.08
86) Perylene-d12	15.40	264	437361	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1573029	105.88	ng	-0.04
7) Phenol-d6	6.48	99	1957849	104.93	ng	-0.06
23) Nitrobenzene-d5	7.39	82	1217065	70.66	ng	-0.08
41) 2,4,6-Tribromophenol	10.66	330	438105	94.70	ng	-0.08
44) 2-Fluorobiphenyl	9.20	172	2006534	76.39	ng	-0.07
78) Terphenyl-d14	12.95	244	2048662	70.06	ng	-0.07
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	158836	12.58	ng	# 71
50) 2,6-Dinitrotoluene	9.87	165	58984	8.21	ng	# 37
56) 2,4-Dinitrotoluene	9.87	165	58986	6.49	ng	# 21
57) Fluorene	10.66	166	20777	Below Cal		# 89
64) 4,6-Dinitro-2-methylphenol	10.66	198	1132	6.58	ng	# 1
66) 4-Bromophenyl-phenylether	10.66	248	28292	3.09	ng	# 1
73) Di-n-butylphthalate	11.92	149	991	Below Cal		# 79

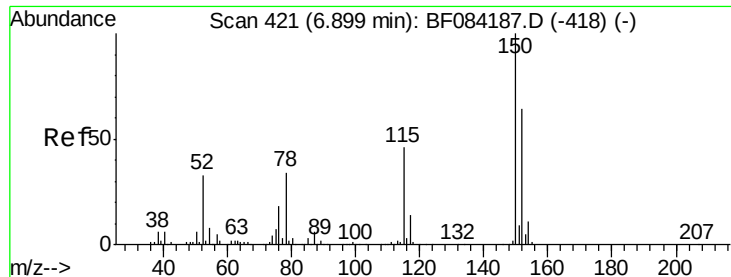
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084453.D
Acq On : 13 Jan 2016 20:40
Operator : SJ/UM
Sample : PB87806BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87806BL

Quant Time: Jan 14 11:12:53 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.07 min

Lab File: BF084453.D

Acq: 13 Jan 2016 20:40

Instrument :

BNA_F

ClientSampleId :

PB87806BL

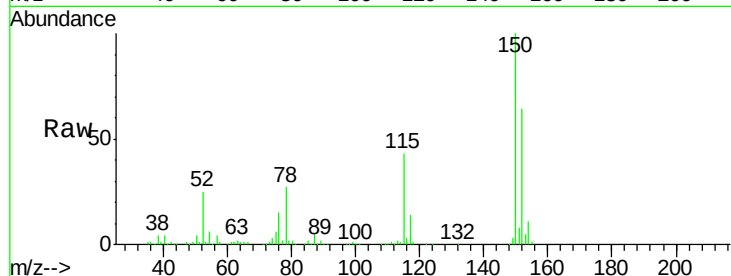
Tot Ion:152 Resp: 240304

Ion Ratio Lower Upper

152 100

150 157.1 123.0 184.4

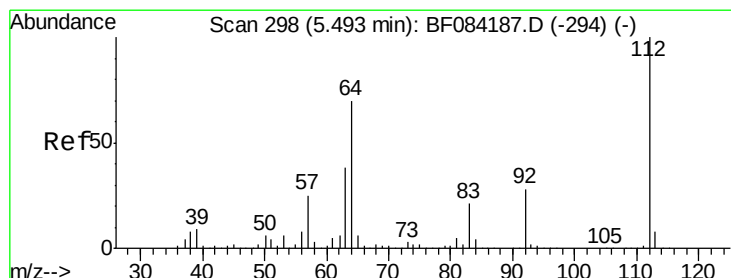
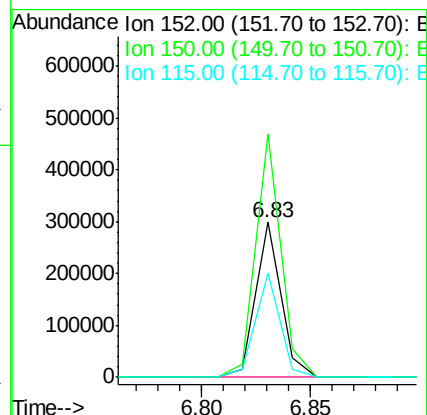
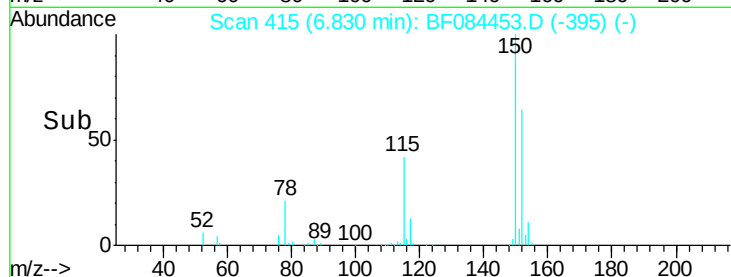
115 66.9 51.4 77.2



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



#5

2-Fluorophenol

Concen: 105.88 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.04 min

Lab File: BF084453.D

Acq: 13 Jan 2016 20:40

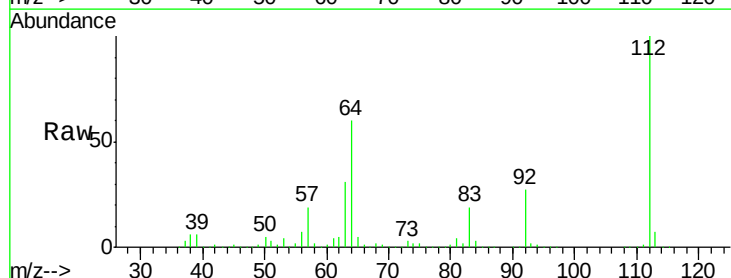
Tgt Ion:112 Resp: 1573029

Ion Ratio Lower Upper

112 100

64 60.1 36.6 55.0#

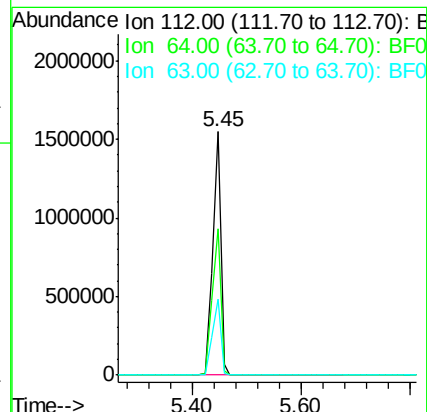
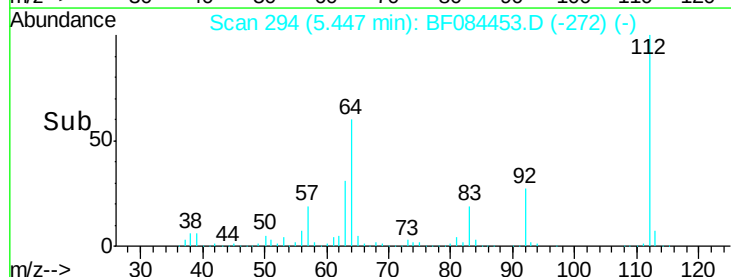
63 31.2 19.4 29.0#

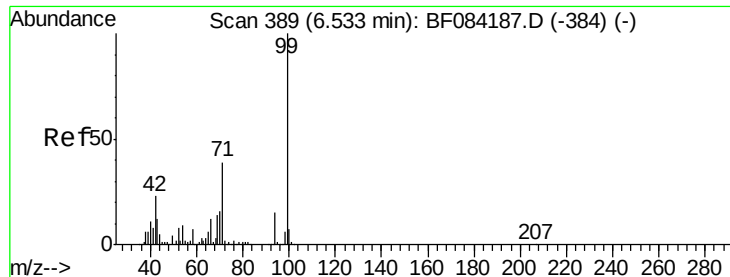


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.93 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.06 min

Lab File: BF084453.D

Acq: 13 Jan 2016 20:40

Instrument :

BNA_F

ClientSampleId :

PB87806BL

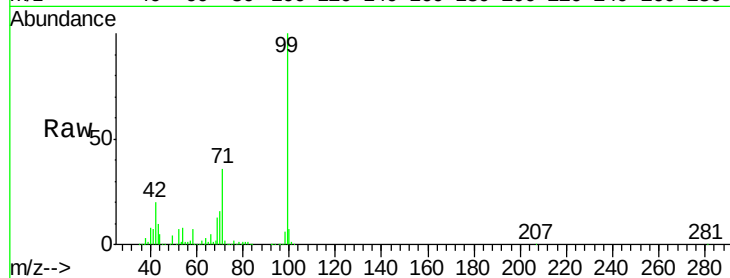
Tot Ion: 99 Resp: 1957849

Ion Ratio Lower Upper

99 100

42 19.6 12.8 19.2#

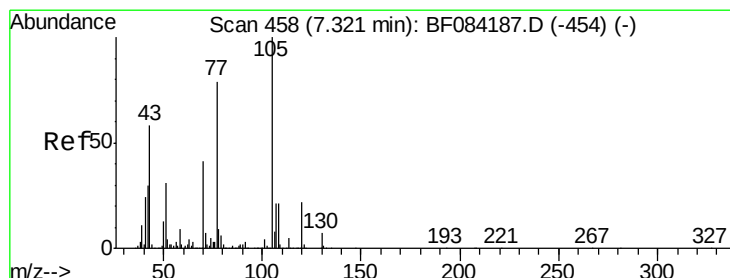
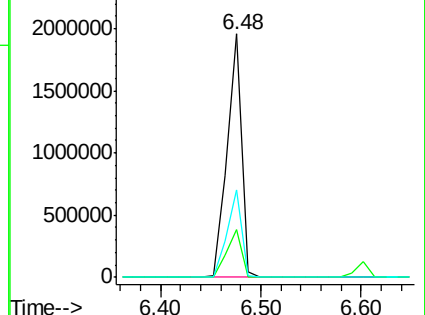
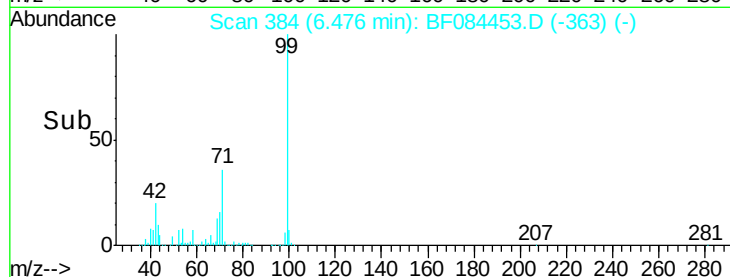
71 36.1 30.9 46.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.58 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.07 min

Lab File: BF084453.D

Acq: 13 Jan 2016 20:40

Tgt Ion: 70 Resp: 158836

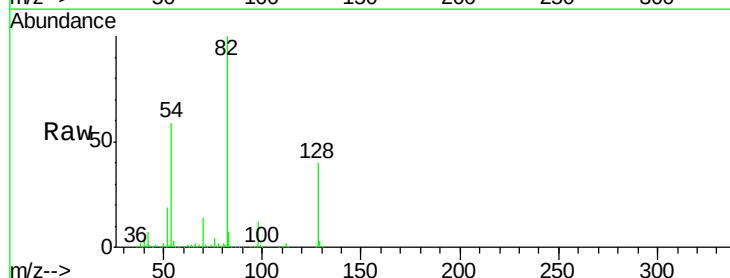
Ion Ratio Lower Upper

70 100

42 50.6 33.3 49.9#

101 0.0 9.3 13.9#

130 2.0 23.4 35.0#

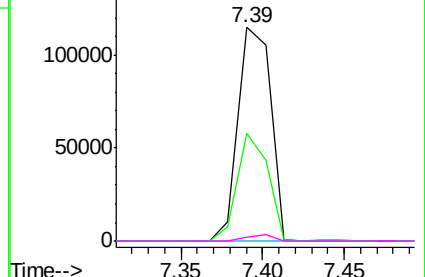
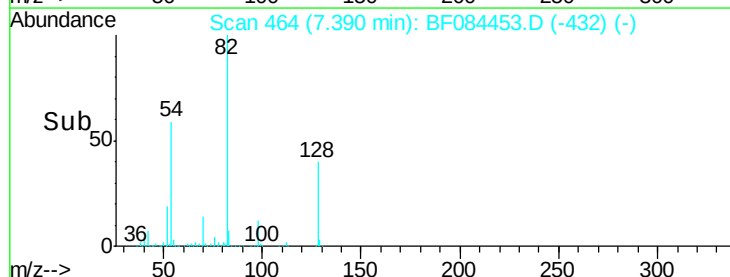


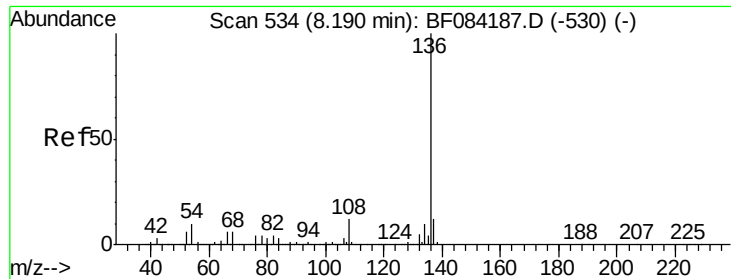
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.12 min Scan# 528

Delta R.T. -0.07 min

Lab File: BF084453.D

Acq: 13 Jan 2016 20:40

Instrument :

BNA_F

ClientSampleId :

PB87806BL

Tot Ion:136 Resp: 958681

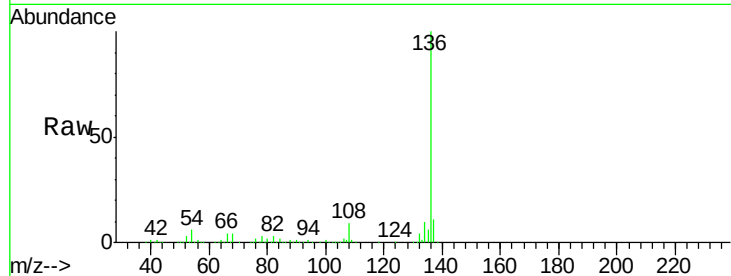
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.1 5.8 8.8

68 4.3 4.2 6.2

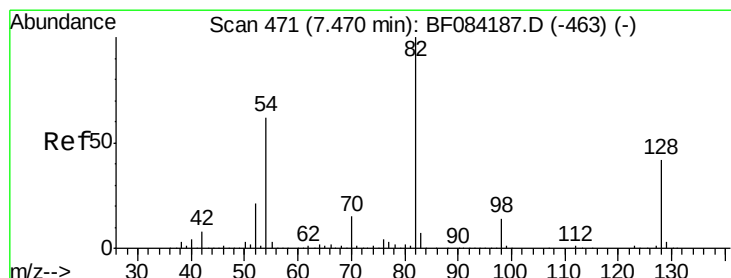
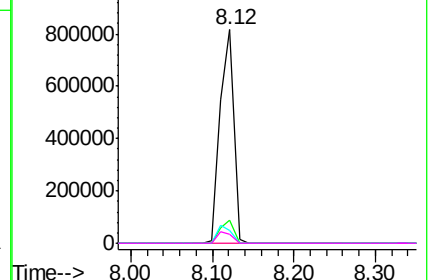
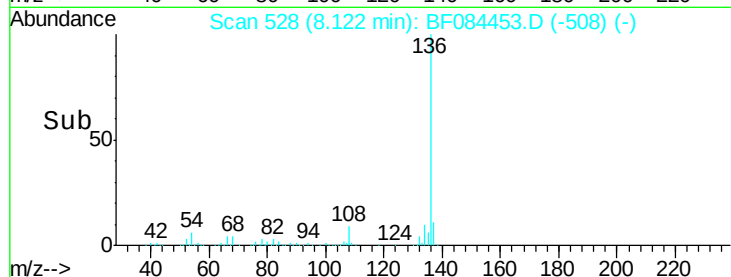


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.66 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.08 min

Lab File: BF084453.D

Acq: 13 Jan 2016 20:40

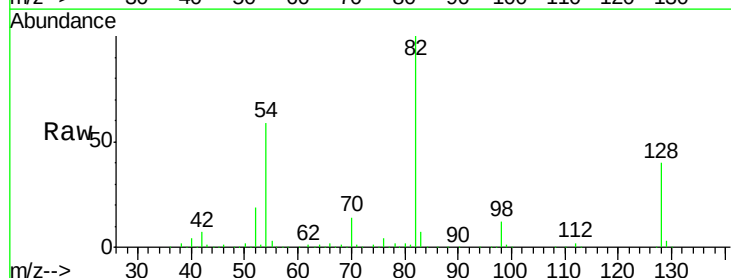
Tgt Ion: 82 Resp: 1217065

Ion Ratio Lower Upper

82 100

128 40.4 34.6 51.8

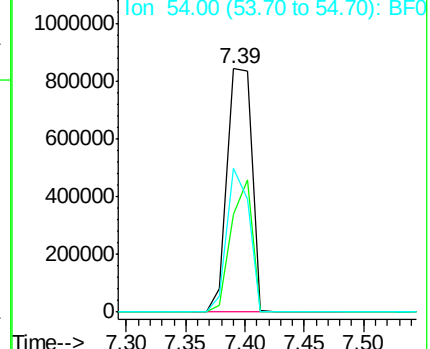
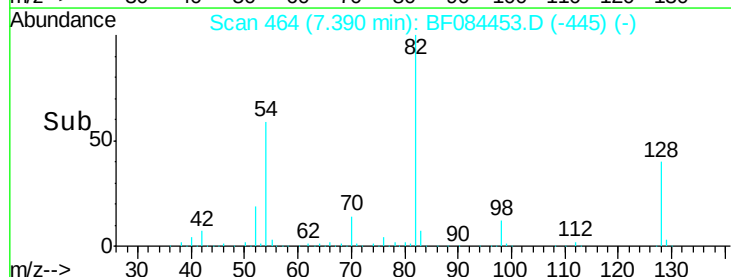
54 59.1 38.4 57.6#

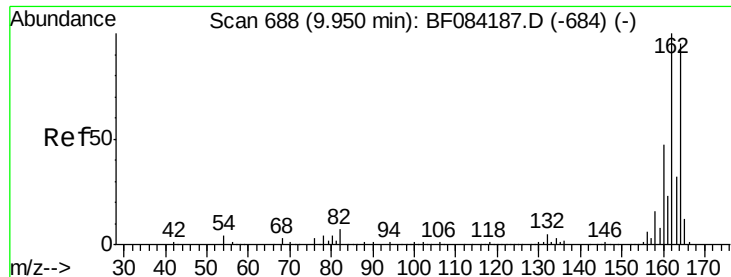


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.08 min

Lab File: BF084453.D

Acq: 13 Jan 2016 20:40

Instrument :

BNA_F

ClientSampleId :

PB87806BL

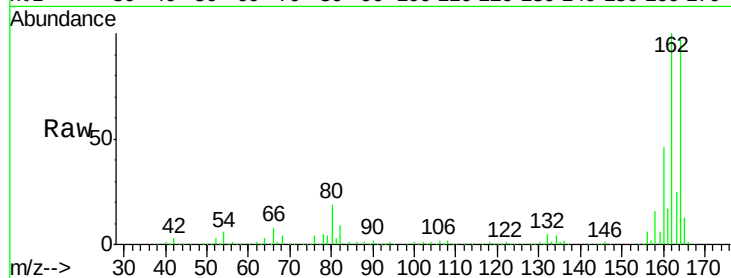
Tot Ion:164 Resp: 458237

Ion Ratio Lower Upper

164 100

162 102.8 85.1 127.7

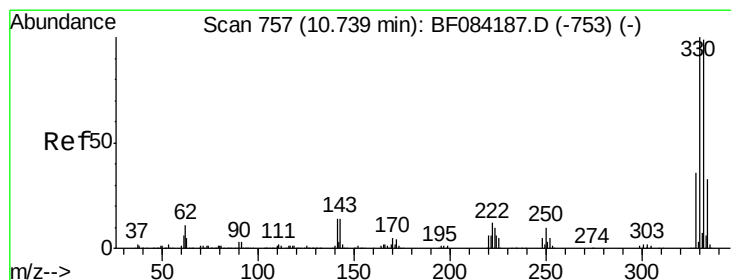
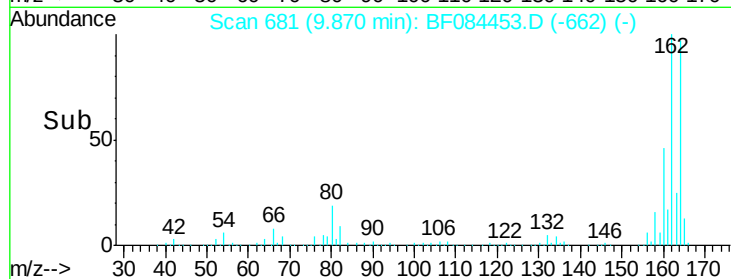
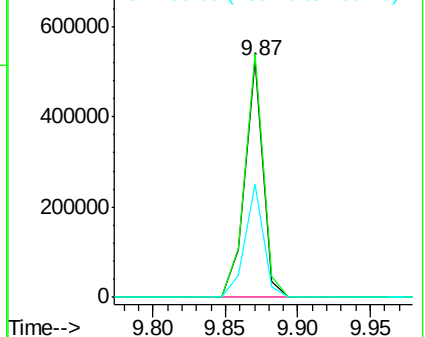
160 47.5 37.5 56.3



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: 94.70 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.08 min

Lab File: BF084453.D

Acq: 13 Jan 2016 20:40

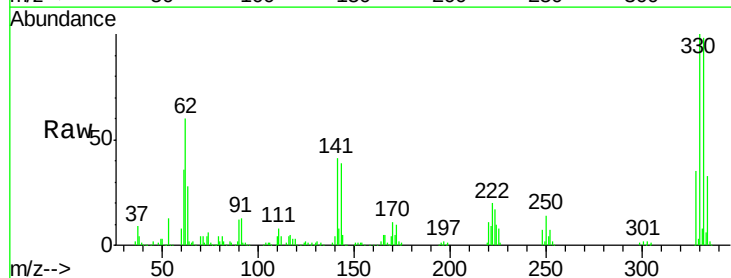
Tgt Ion:330 Resp: 438105

Ion Ratio Lower Upper

330 100

332 97.4 76.6 114.8

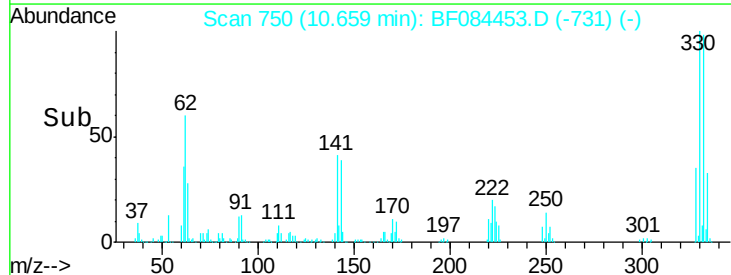
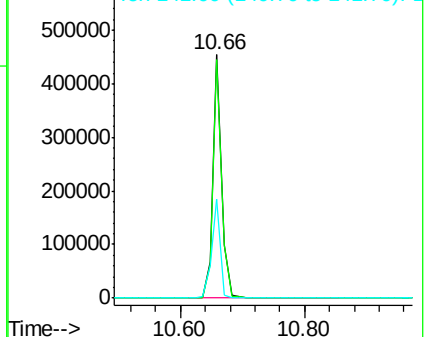
141 40.8 27.8 41.6

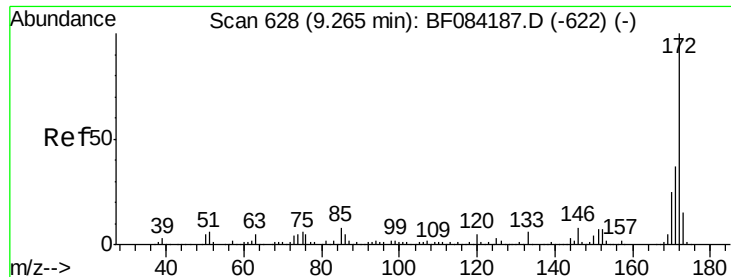


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

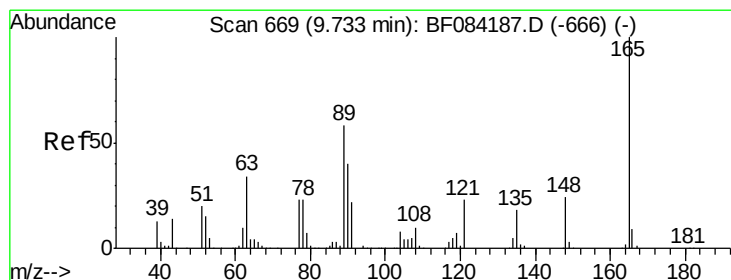
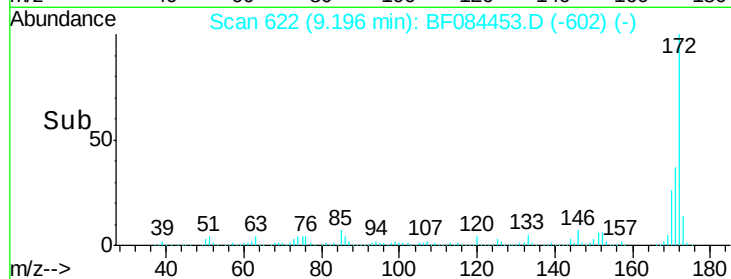
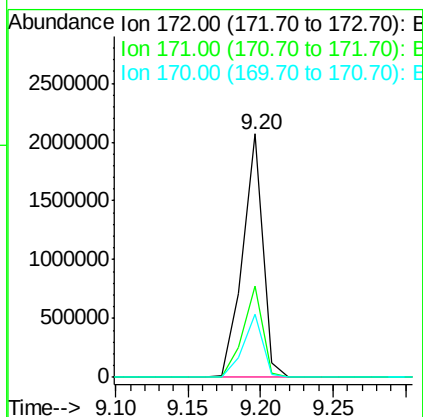
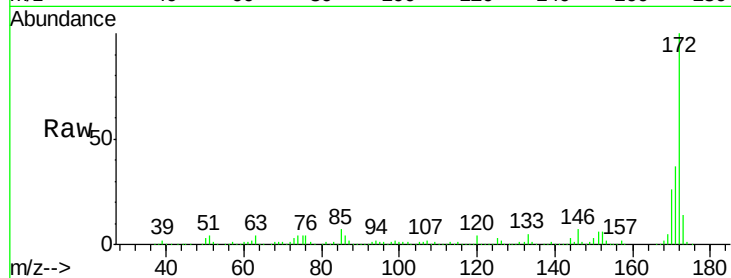




#44
 2-Fluorobiphenyl
 Concen: 76.39 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.07 min
 Lab File: BF084453.D
 Acq: 13 Jan 2016 20:40

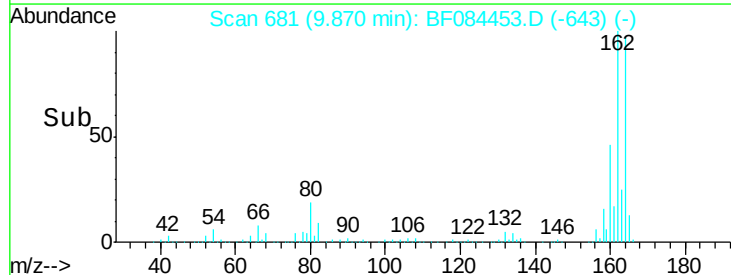
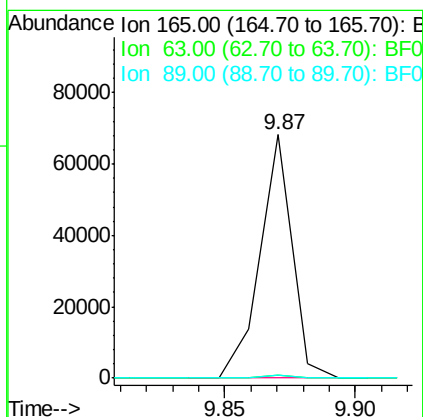
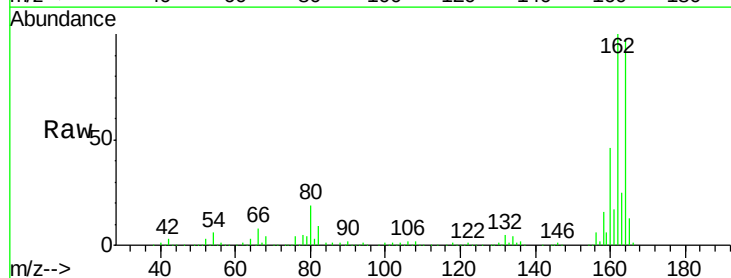
Instrument :
 BNA_F
 ClientSampleId :
 PB87806BL

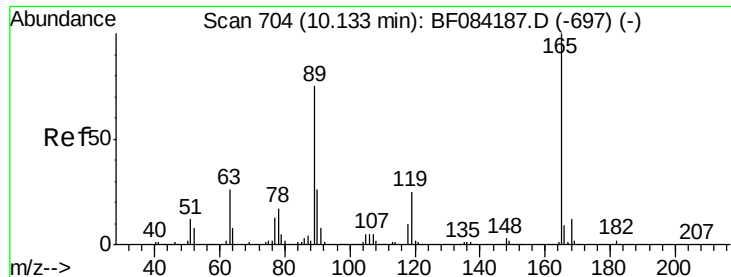
Tot Ion:172 Resp: 2006534
 Ion Ratio Lower Upper
 172 100
 171 37.4 28.9 43.3
 170 25.9 18.6 27.8



#50
 2,6-Dinitrotoluene
 Concen: 8.21 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.14 min
 Lab File: BF084453.D
 Acq: 13 Jan 2016 20:40

Tgt Ion:165 Resp: 58984
 Ion Ratio Lower Upper
 165 100
 63 1.0 28.8 43.2#
 89 1.2 35.1 52.7#

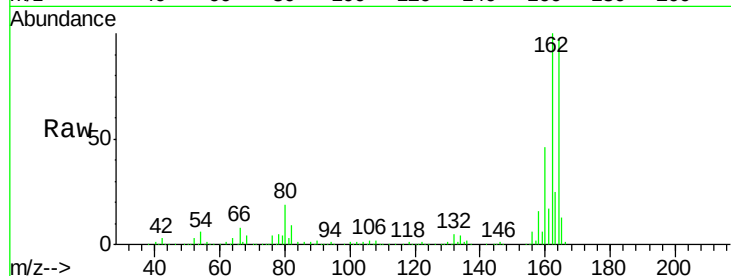




#56
 2,4-Dinitrotoluene
 Concen: 6.49 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.26 min
 Lab File: BF084453.D
 Acq: 13 Jan 2016 20:40

Instrument :
 BNA_F
 ClientSampleId :
 PB87806BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.7	55.1#
89	1.2	61.9	92.9#
182	0.0	2.0	3.0#



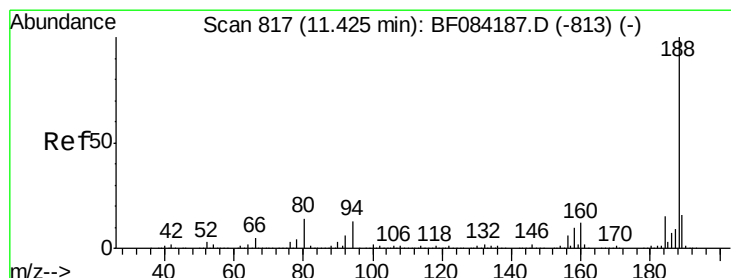
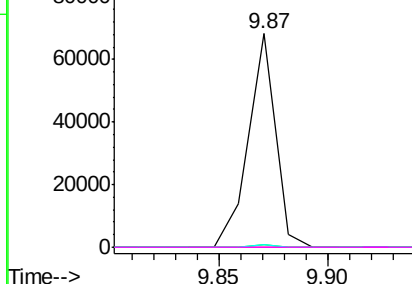
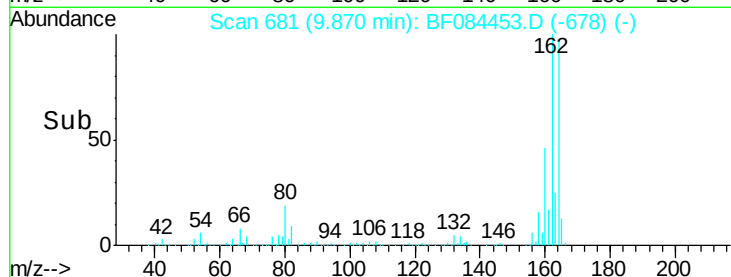
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

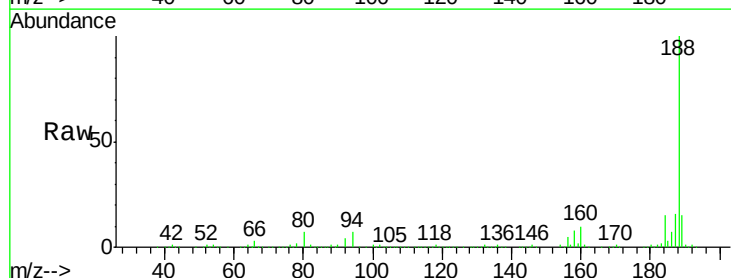
Ion 89.00 (88.70 to 89.70): BF0

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. -0.07 min
 Lab File: BF084453.D
 Acq: 13 Jan 2016 20:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	9.0	13.4#
80	7.4	9.6	14.4#

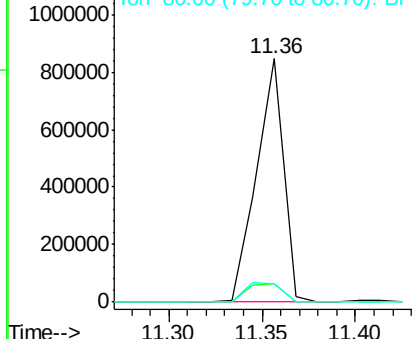
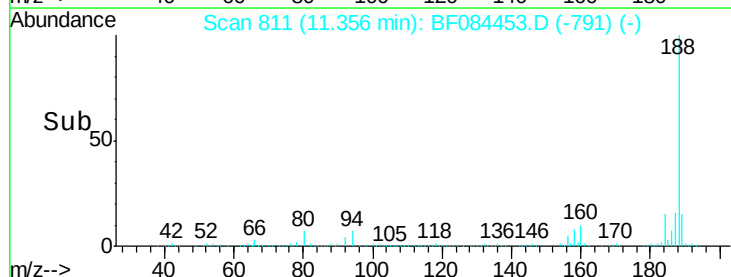


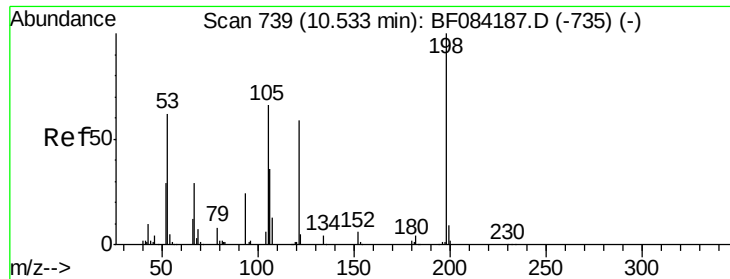
Abundance

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: 6.58 ng

RT: 10.66 min Scan# 750

Delta R.T. 0.13 min

Lab File: BF084453.D

Acq: 13 Jan 2016 20:40

Instrument :

BNA_F

ClientSampleId :

PB87806BL

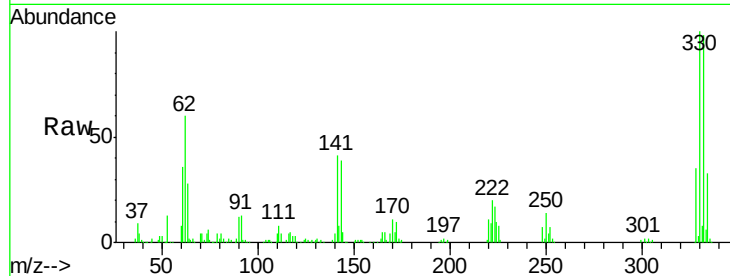
Tot Ion:198 Resp: 1132

Ion Ratio Lower Upper

198 100

51 183.7 18.9 58.9#

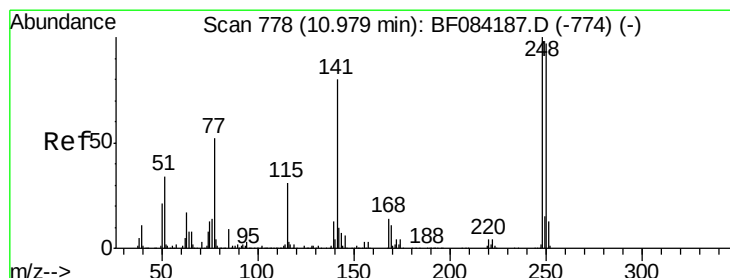
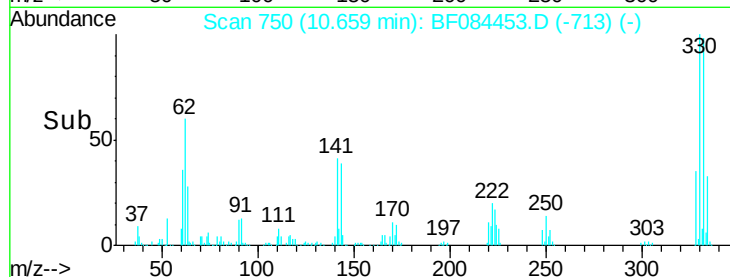
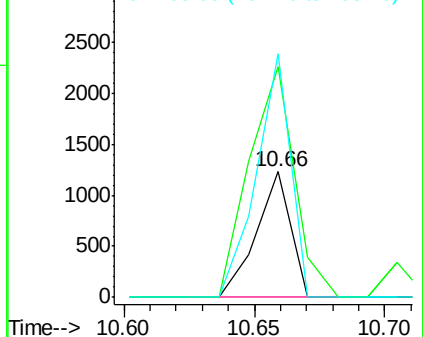
105 194.1 26.4 66.4#



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



#66

4-Bromophenyl-phenylether

Concen: 3.09 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.32 min

Lab File: BF084453.D

Acq: 13 Jan 2016 20:40

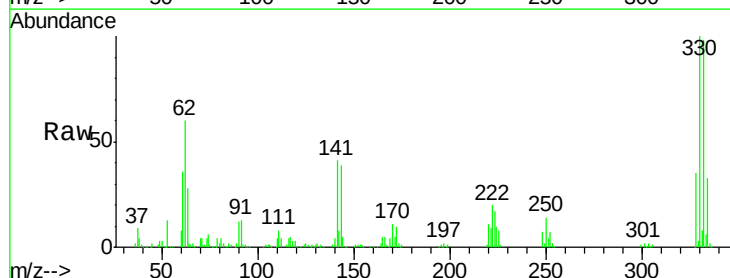
Tgt Ion:248 Resp: 28292

Ion Ratio Lower Upper

248 100

250 200.9 78.4 117.6#

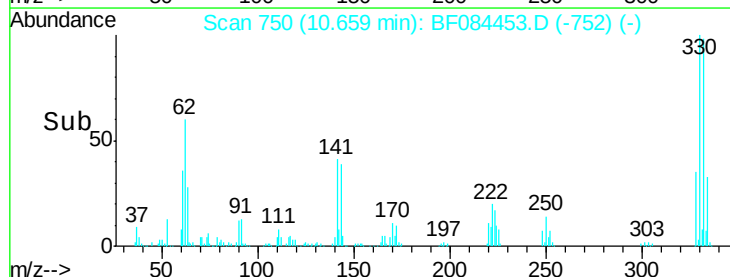
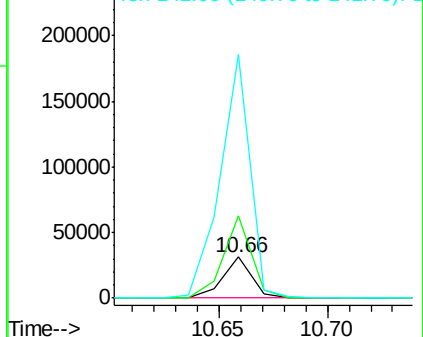
141 592.3 44.0 66.0#

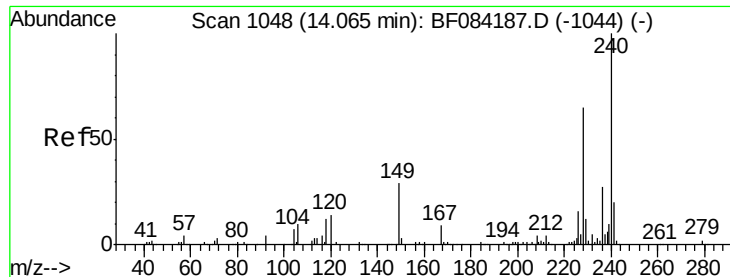


Abundance Ion 248.00 (247.70 to 248.70): E

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. -0.08 min

Lab File: BF084453.D

Acq: 13 Jan 2016 20:40

Instrument :

BNA_F

ClientSampleId :

PB87806BL

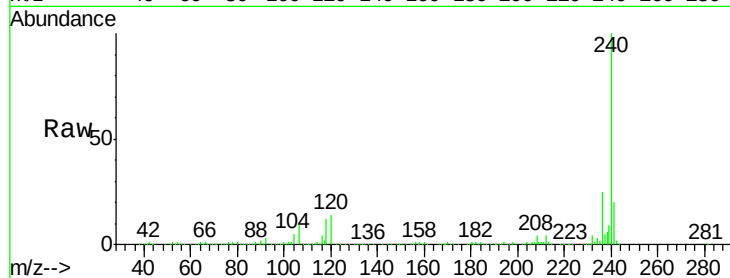
Tot Ion:240 Resp: 652732

Ion Ratio Lower Upper

240 100

120 14.3 9.5 14.3#

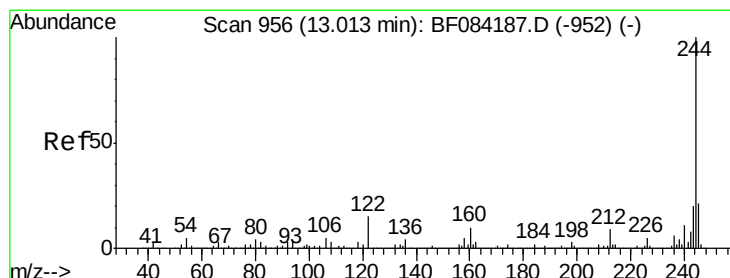
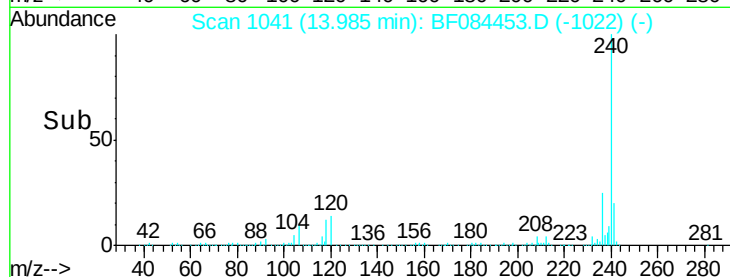
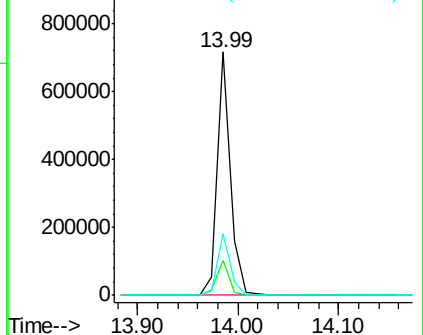
236 25.2 20.6 31.0



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: 70.06 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.07 min

Lab File: BF084453.D

Acq: 13 Jan 2016 20:40

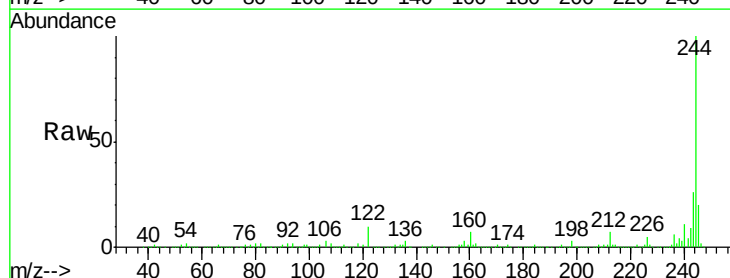
Tgt Ion:244 Resp: 2048662

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

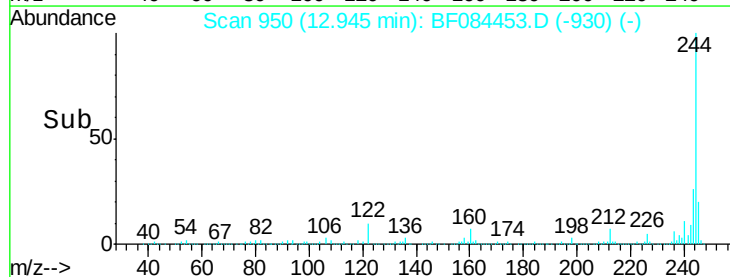
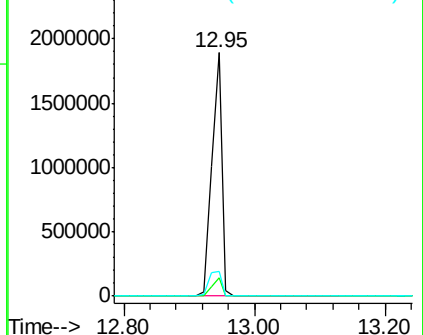
122 10.0 7.4 11.0

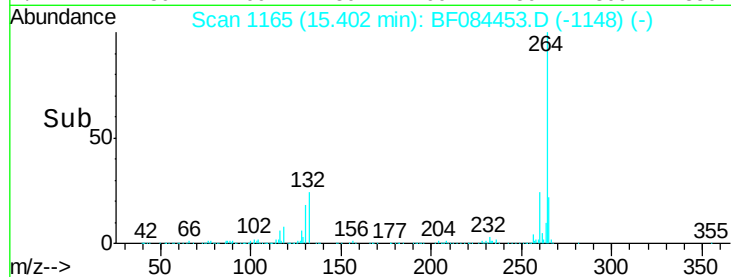
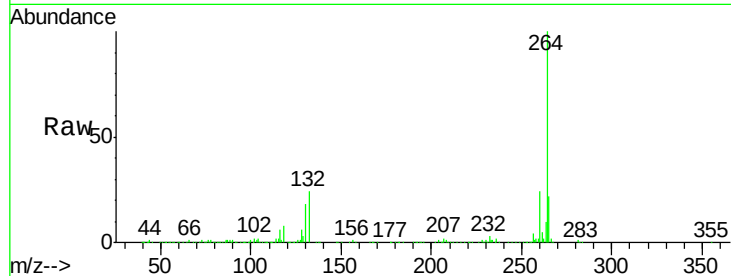
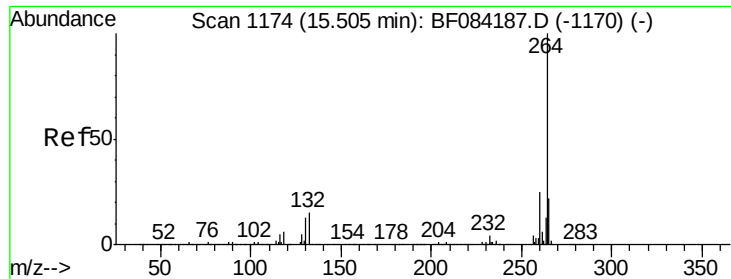


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.10 min
 Lab File: BF084453.D
 Acq: 13 Jan 2016 20:40

Instrument :
 BNA_F
 ClientSampleId :
 PB87806BL

Tot Ion: 264 Resp: 437361
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 21.7 17.8 26.6

