

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
 Data File : BF084255.D
 Acq On : 5 Jan 2016 00:23
 Operator : UM/SJ
 Sample : PB87631BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87631BL

Quant Time: Jan 05 03:42:42 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

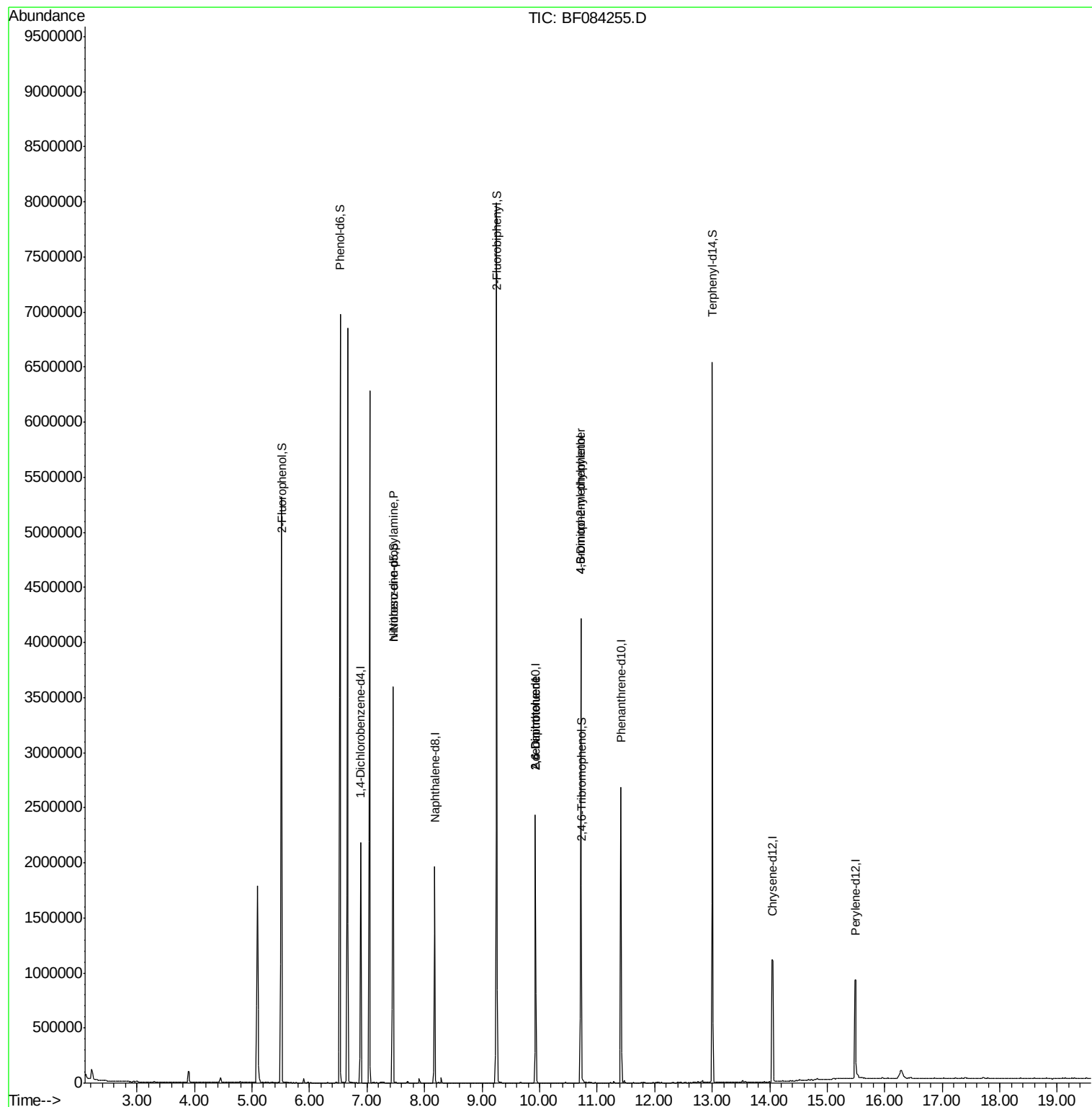
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	281653	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1166006	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	506431	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	868548	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	596783	20.00	ng	-0.01
86) Perylene-d12	15.49	264	554756	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	2097235	120.44	ng	0.02
7) Phenol-d6	6.53	99	2401051	109.79	ng	0.00
23) Nitrobenzene-d5	7.46	82	1712199	81.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	573885	112.24	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2438795	84.69	ng	-0.01
78) Terphenyl-d14	13.00	244	1877640	70.23	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	233040	15.74	ng	# 74
50) 2,6-Dinitrotoluene	9.93	165	64366	8.11	ng	# 37
56) 2,4-Dinitrotoluene	9.93	165	64369	6.40	ng	# 21
57) Fluorene	10.72	166	21026	Below Cal		# 85
64) 4,6-Dinitro-2-methylphenol	10.72	198	1165	6.59	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	35362	3.78	ng	# 1
73) Di-n-butylphthalate	11.99	149	511	Below Cal		# 79

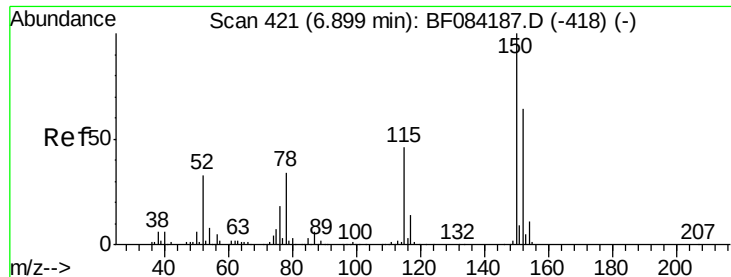
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084255.D

Acq: 5 Jan 2016 00:23

Instrument :

BNA_F

ClientSampleId :

PB87631BL

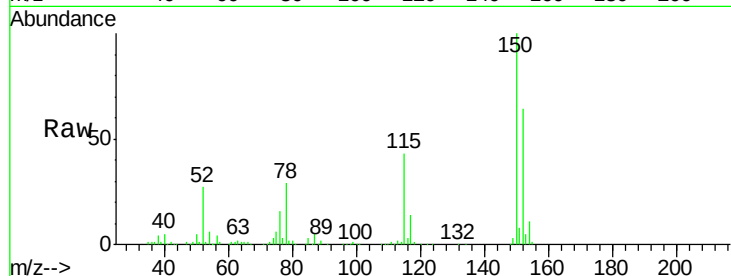
Tgt Ion:152 Resp: 281653

Ion Ratio Lower Upper

152 100

150 156.1 123.0 184.4

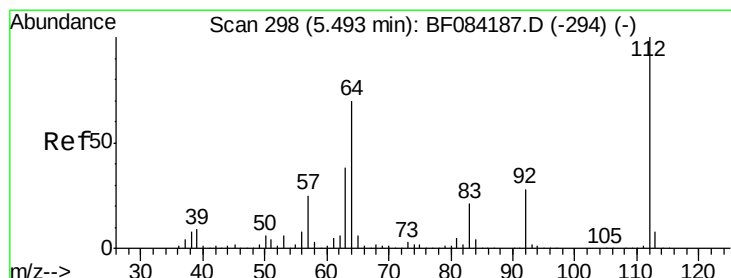
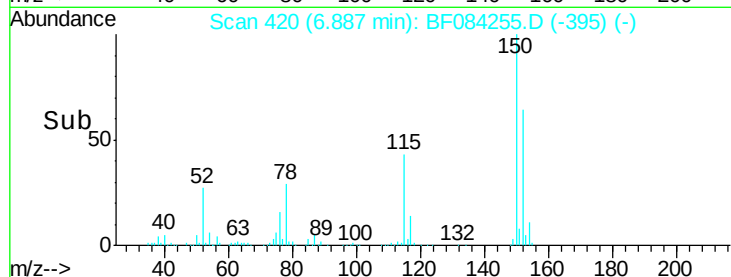
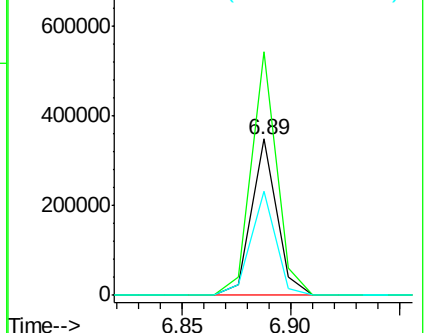
115 67.1 51.4 77.2



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: 120.44 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.02 min

Lab File: BF084255.D

Acq: 5 Jan 2016 00:23

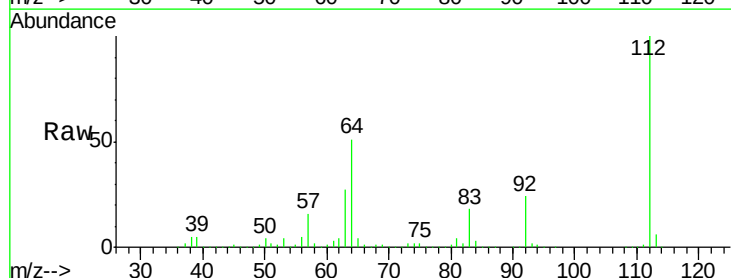
Tgt Ion:112 Resp: 2097235

Ion Ratio Lower Upper

112 100

64 50.5 36.6 55.0

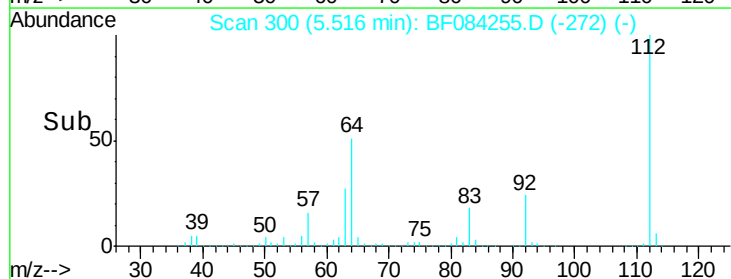
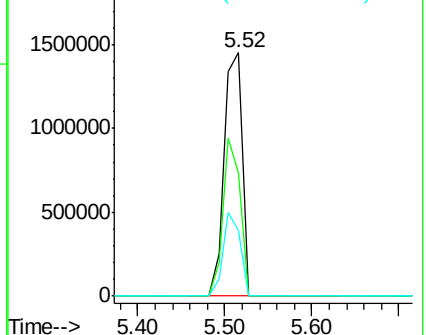
63 26.8 19.4 29.0

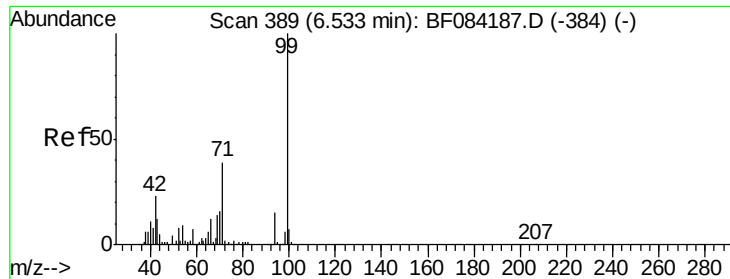


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.79 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084255.D

Acq: 5 Jan 2016 00:23

Instrument :

BNA_F

ClientSampleId :

PB87631BL

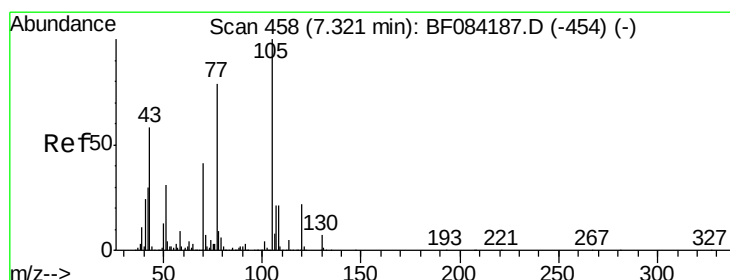
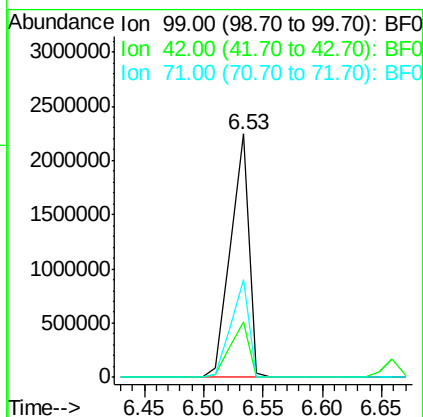
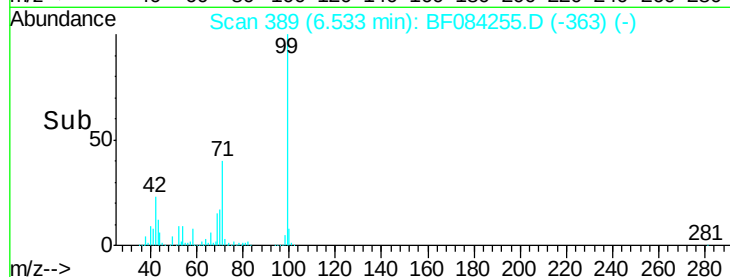
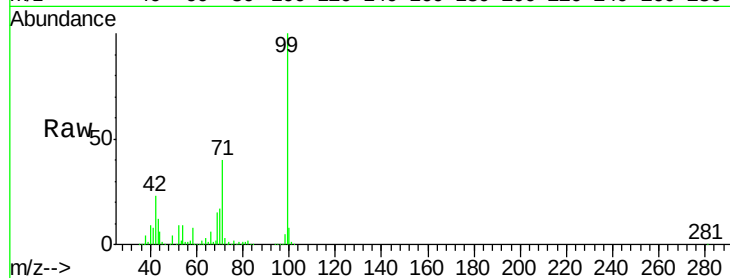
Tgt Ion: 99 Resp: 2401051

Ion Ratio Lower Upper

99 100

42 22.7 12.8 19.2#

71 40.0 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 15.74 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.14 min

Lab File: BF084255.D

Acq: 5 Jan 2016 00:23

Tgt Ion: 70 Resp: 233040

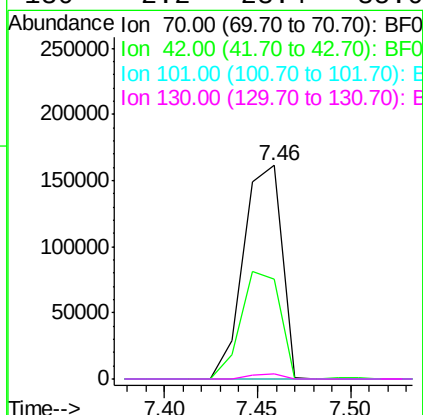
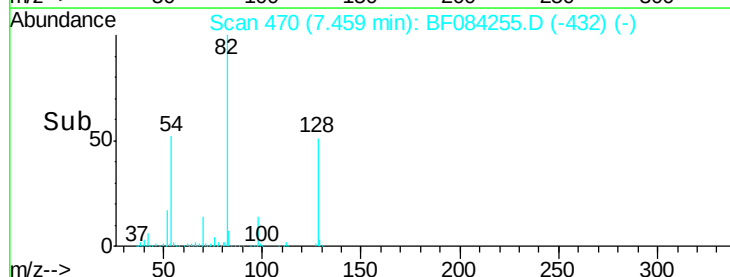
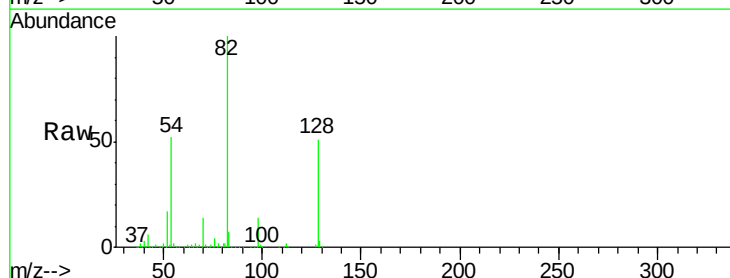
Ion Ratio Lower Upper

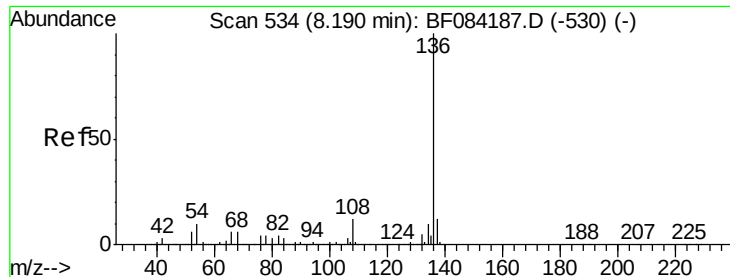
70 100

42 46.5 33.3 49.9

101 0.0 9.3 13.9#

130 2.2 23.4 35.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF084255.D

Acq: 5 Jan 2016 00:23

Instrument :

BNA_F

ClientSampleId :

PB87631BL

Tgt Ion:136 Resp: 1166006

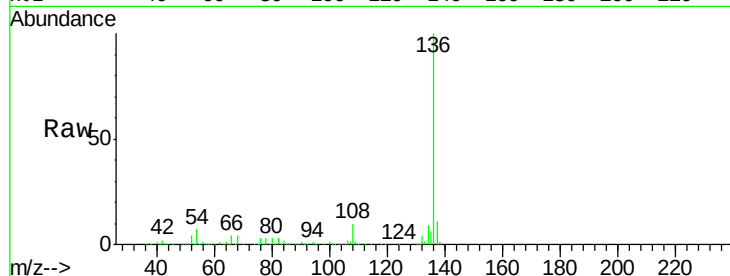
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 6.8 5.8 8.8

68 4.2 4.2 6.2

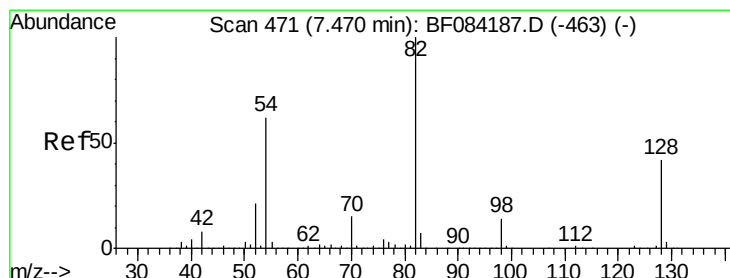
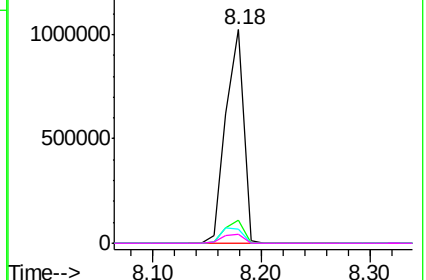
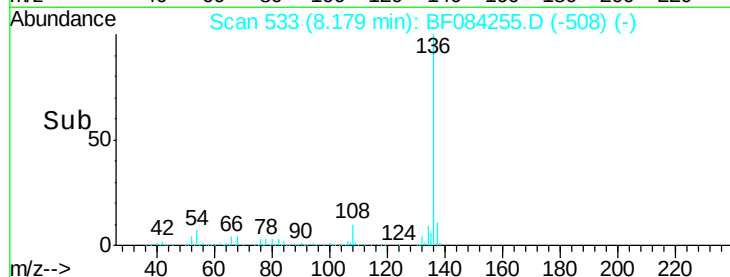


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.73 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF084255.D

Acq: 5 Jan 2016 00:23

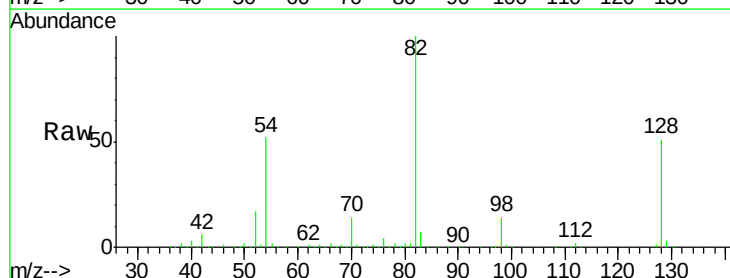
Tgt Ion: 82 Resp: 1712199

Ion Ratio Lower Upper

82 100

128 50.7 34.6 51.8

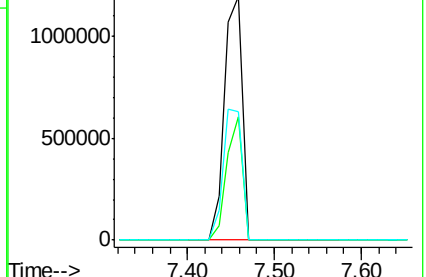
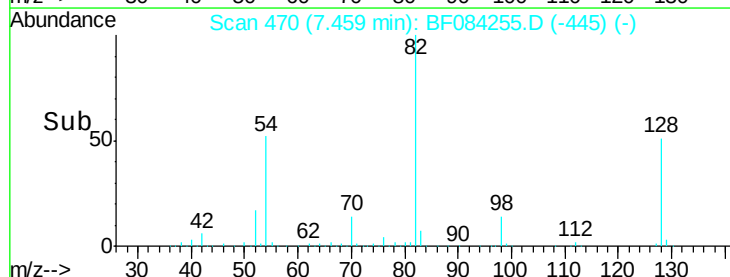
54 52.5 38.4 57.6

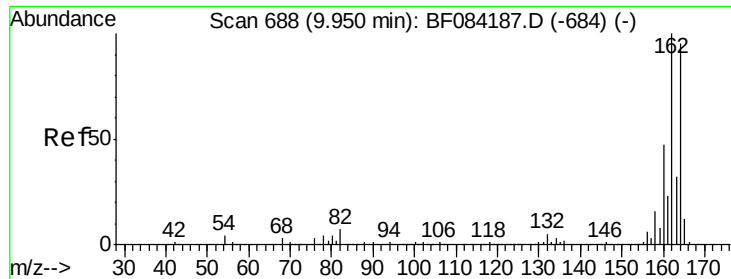


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

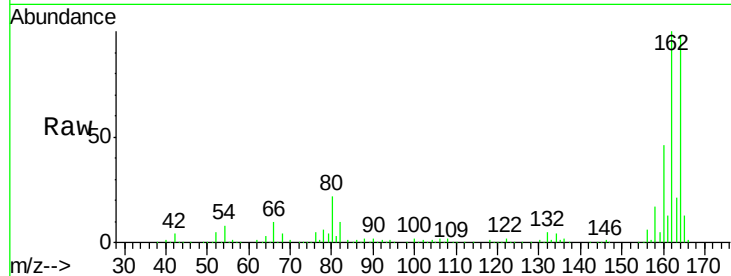




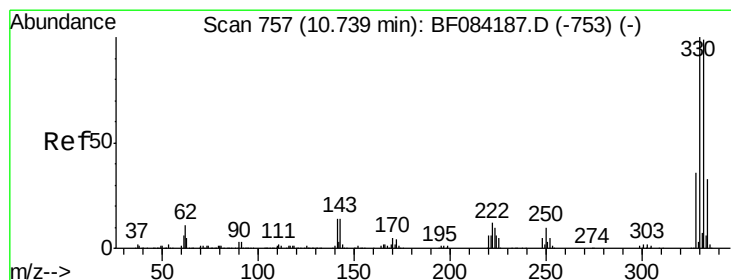
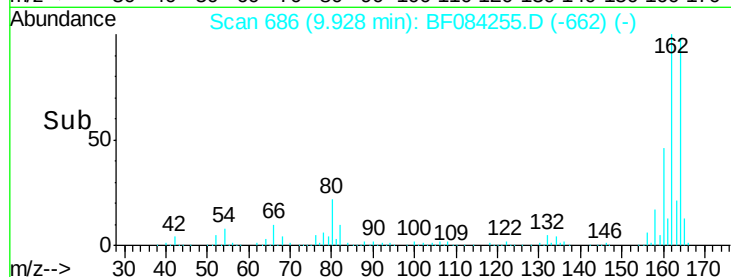
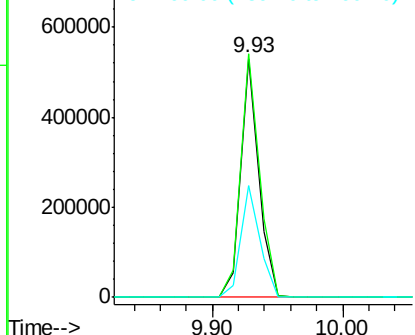
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.02 min
 Lab File: BF084255.D
 Acq: 5 Jan 2016 00:23

Instrument :
 BNA_F
 ClientSampleId :
 PB87631BL

Tgt Ion:164 Resp: 506431
 Ion Ratio Lower Upper
 164 100
 162 101.9 85.1 127.7
 160 47.0 37.5 56.3

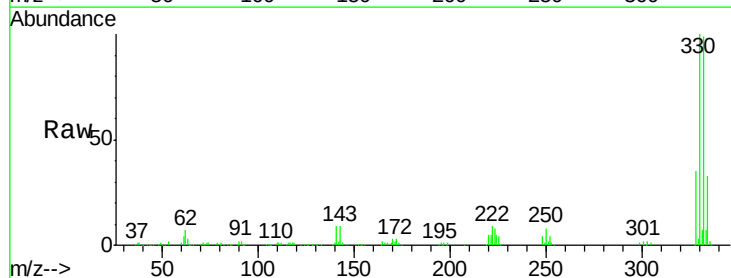


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

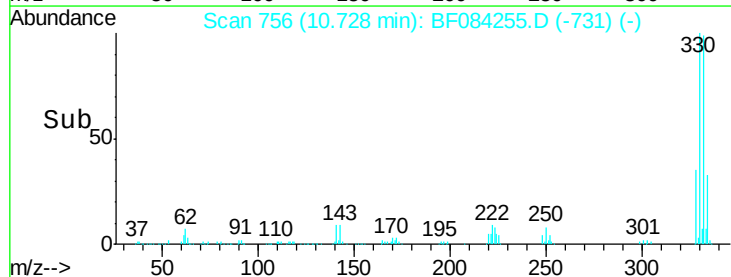
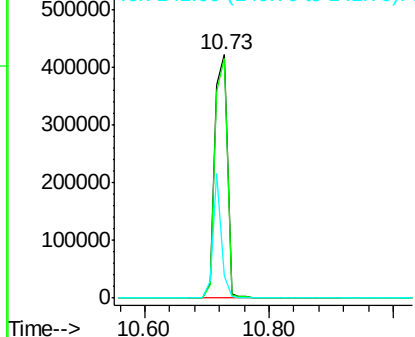


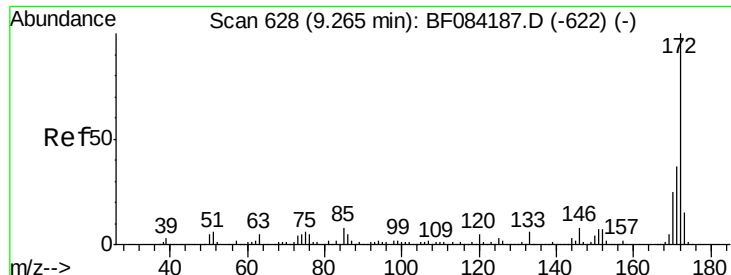
#41
 2,4,6-Tribromophenol
 Concen: 112.24 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF084255.D
 Acq: 5 Jan 2016 00:23

Tgt Ion:330 Resp: 573885
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 114.8
 141 35.1 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

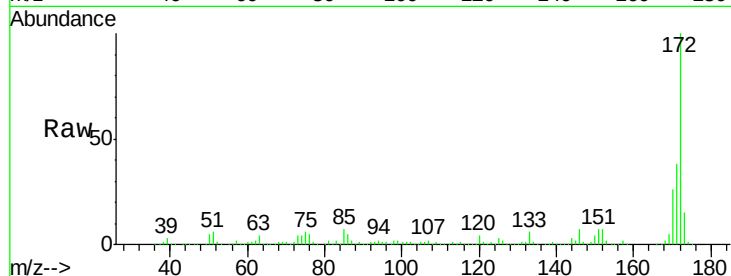




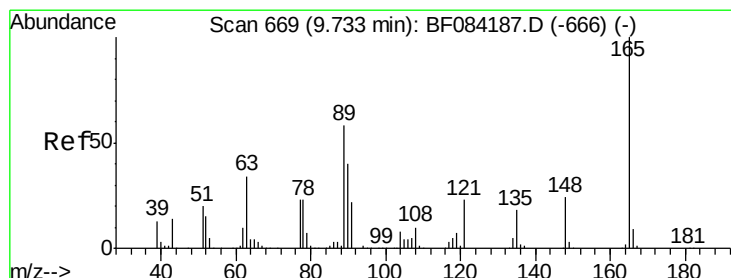
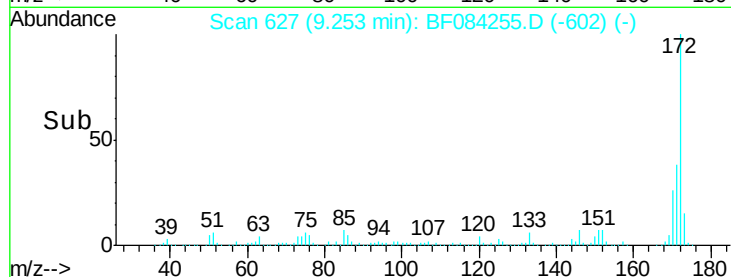
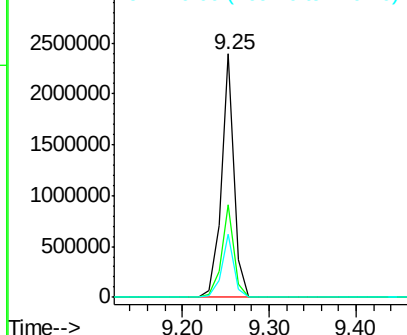
#44
 2-Fluorobiphenyl
 Concen: 84.69 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF084255.D
 Acq: 5 Jan 2016 00:23

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Tgt Ion:172 Resp: 2438795
 Ion Ratio Lower Upper
 172 100
 171 38.1 28.9 43.3
 170 26.2 18.6 27.8

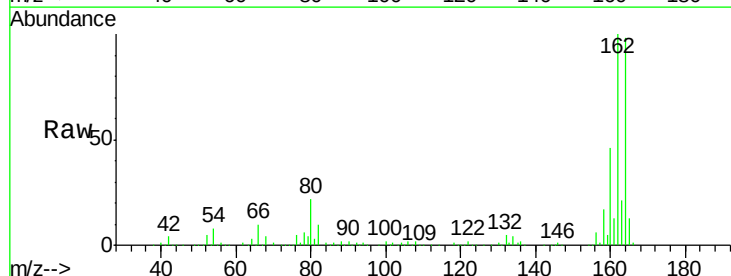


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

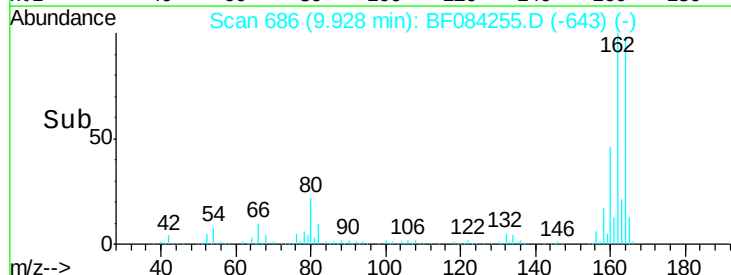
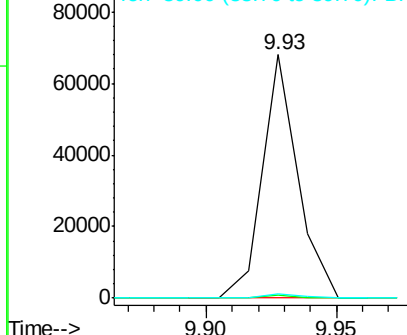


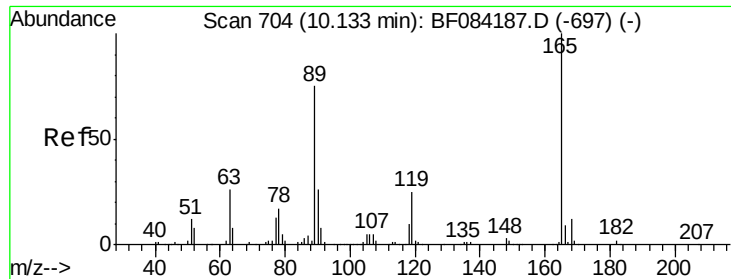
#50
 2,6-Dinitrotoluene
 Concen: 8.11 ng
 RT: 9.93 min Scan# 686
 Delta R.T. 0.19 min
 Lab File: BF084255.D
 Acq: 5 Jan 2016 00:23

Tgt Ion:165 Resp: 64366
 Ion Ratio Lower Upper
 165 100
 63 1.4 28.8 43.2#
 89 1.6 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

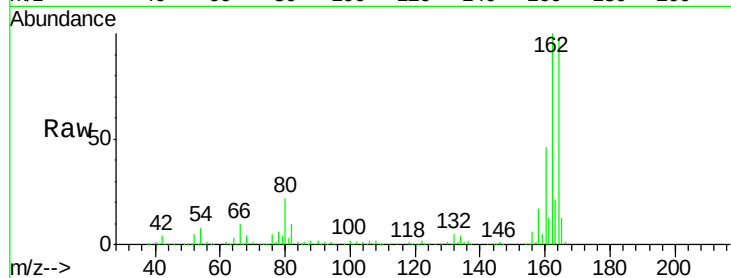




#56
 2,4-Dinitrotoluene
 Concen: 6.40 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.21 min
 Lab File: BF084255.D
 Acq: 5 Jan 2016 00:23

Instrument :
 BNA_F
 ClientSampleId :
 PB87631BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.7	55.1#
89	1.6	61.9	92.9#
182	0.0	2.0	3.0#

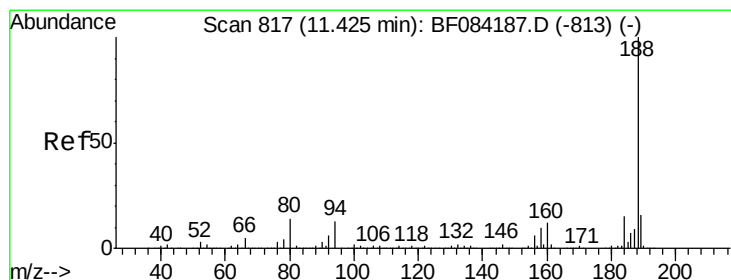
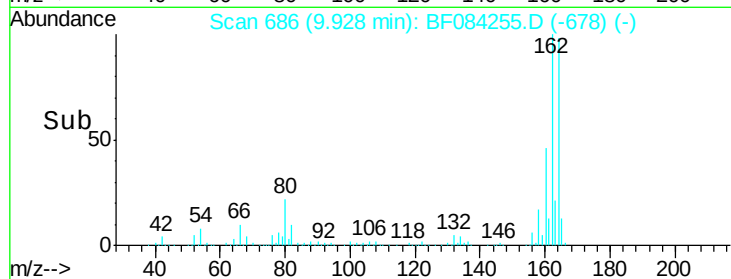
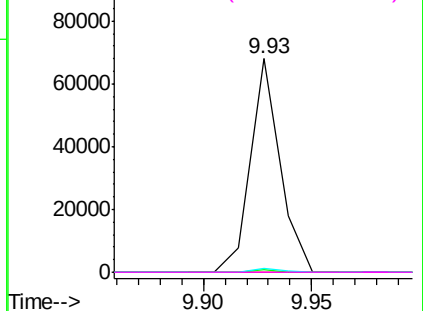


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

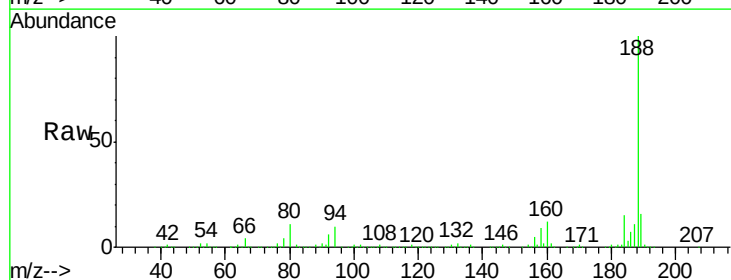
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF084255.D
 Acq: 5 Jan 2016 00:23

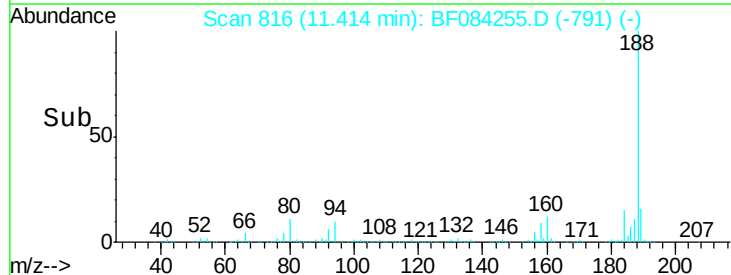
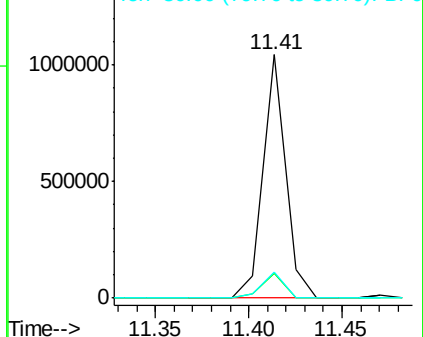
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.0	13.4
80	10.8	9.6	14.4

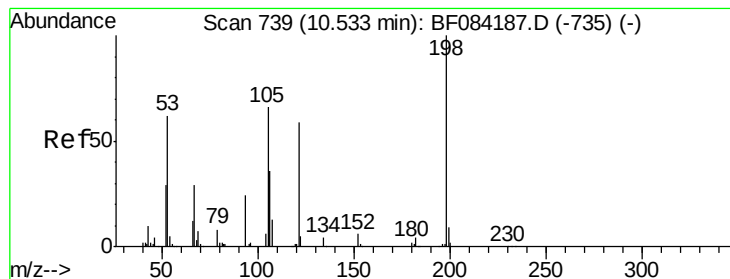


Abundance Ion 188.00 (187.70 to 188.70): E

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: 6.59 ng

RT: 10.72 min Scan# 755

Delta R.T. 0.18 min

Lab File: BF084255.D

Acq: 5 Jan 2016 00:23

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PB87631BL

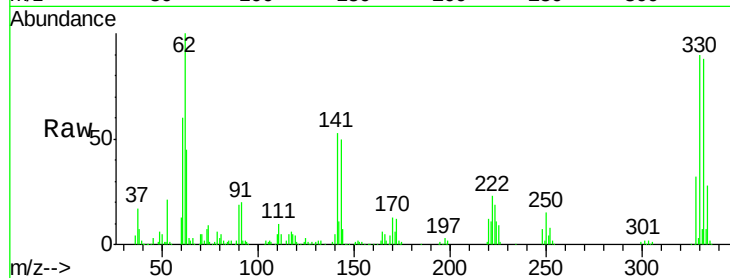
Tgt Ion:198 Resp: 1165

Ion Ratio Lower Upper

198 100

51 262.7 18.9 58.9#

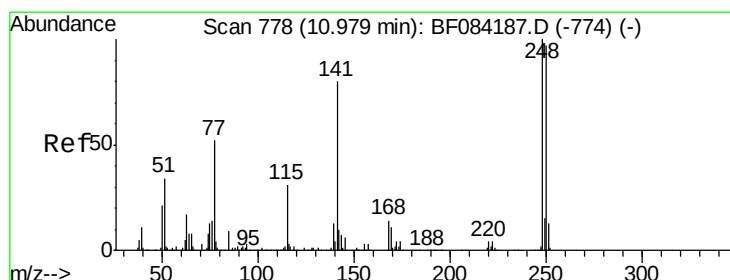
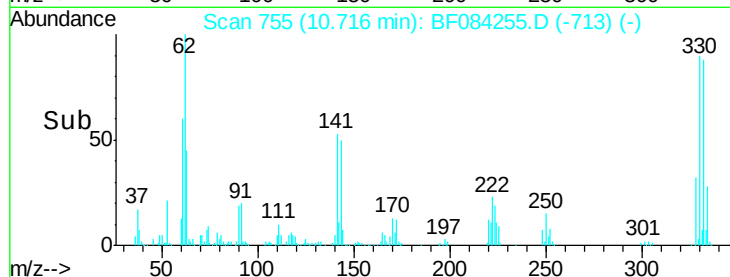
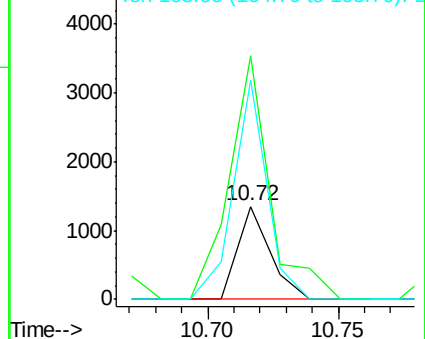
105 236.8 26.4 66.4#



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: 3.78 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.26 min

Lab File: BF084255.D

Acq: 5 Jan 2016 00:23

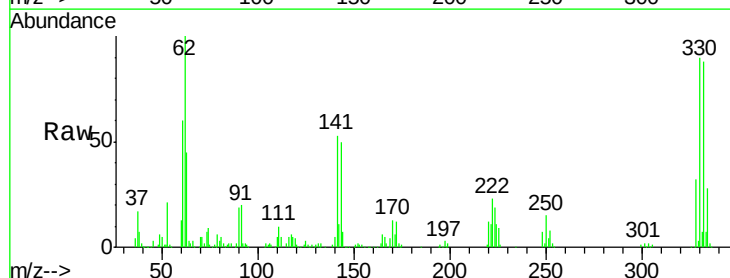
Tgt Ion:248 Resp: 35362

Ion Ratio Lower Upper

248 100

250 199.7 78.4 117.6#

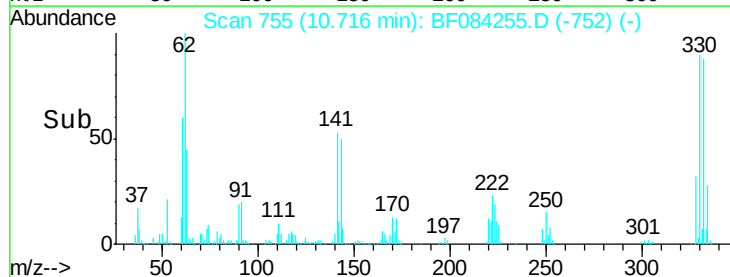
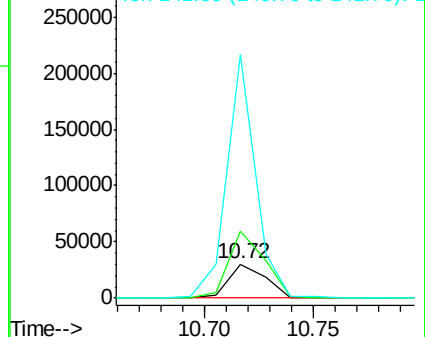
141 719.6 44.0 66.0#

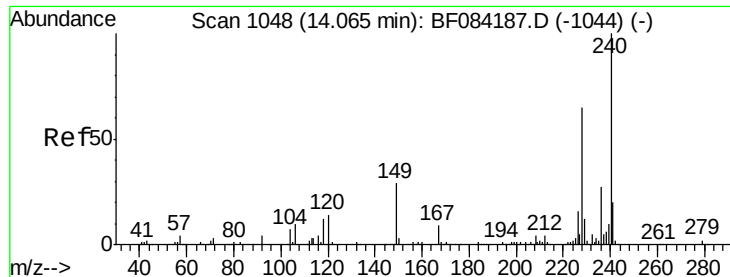


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF084255.D

Acq: 5 Jan 2016 00:23

Instrument :

BNA_F

ClientSampleId :

PB87631BL

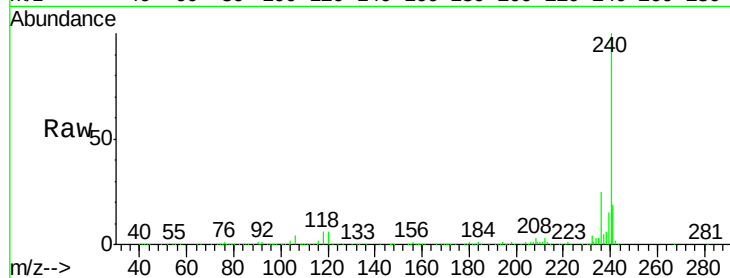
Tgt Ion:240 Resp: 596783

Ion Ratio Lower Upper

240 100

120 6.4 9.5 14.3#

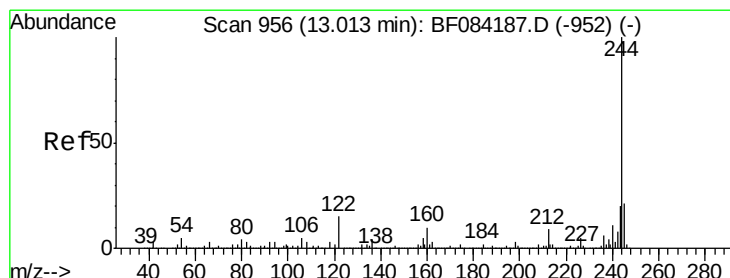
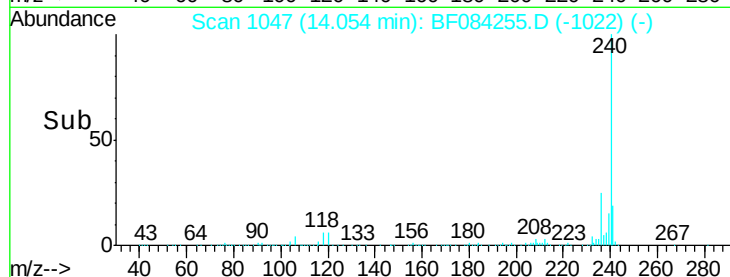
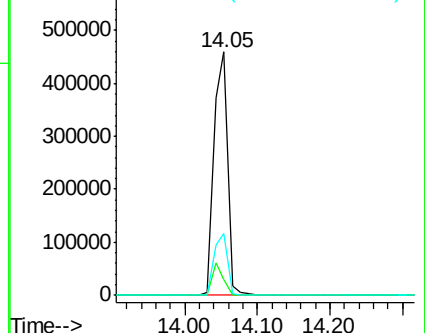
236 25.5 20.6 31.0



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



#78

Terphenyl-d14

Concen: 70.23 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF084255.D

Acq: 5 Jan 2016 00:23

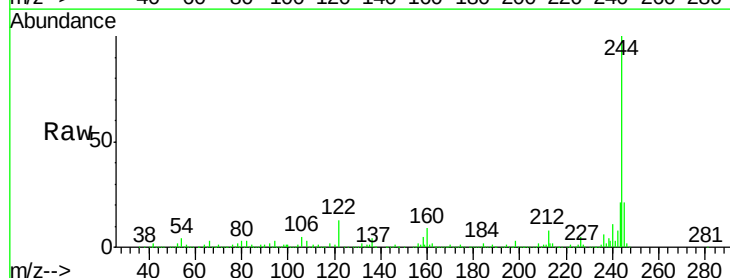
Tgt Ion:244 Resp: 1877640

Ion Ratio Lower Upper

244 100

212 8.1 5.7 8.5

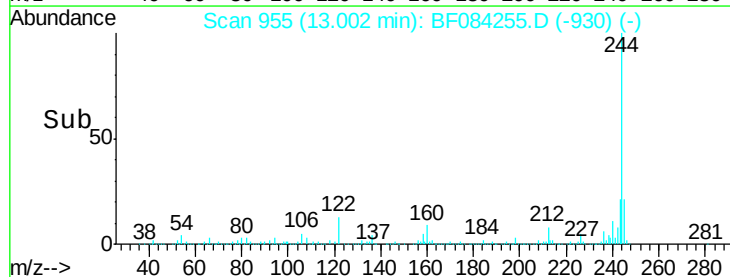
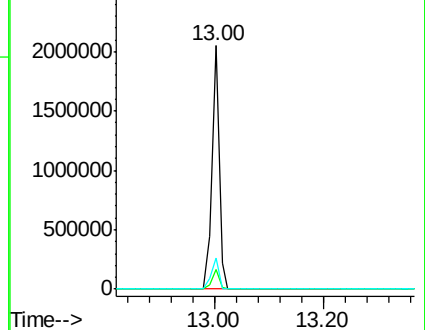
122 13.1 7.4 11.0#

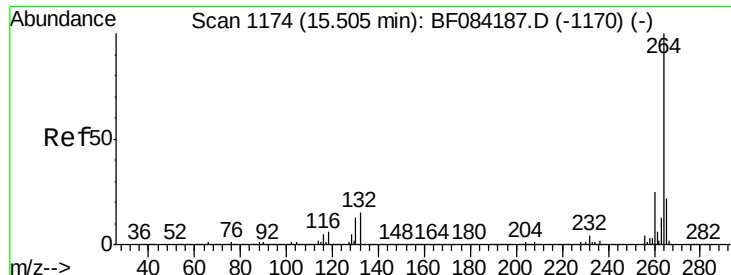


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

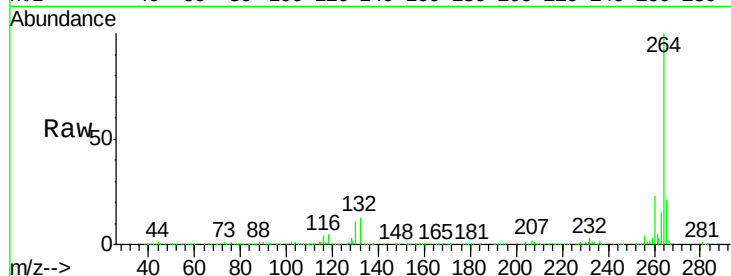




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF084255.D
Acq: 5 Jan 2016 00:23

Instrument :
BNA_F
ClientSampleId :
PB87631BL

Tgt Ion:	264	Resp:	554756
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	21.0	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

