

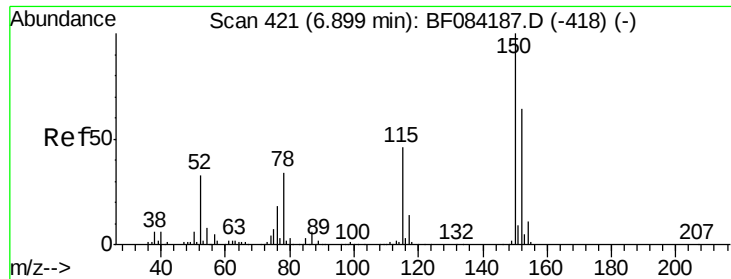
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010616\
 Data File : BF084281.D
 Acq On : 6 Jan 2016 11:15
 Operator : SJ/UM
 Sample : PB87639BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87639BL

Quant Time: Jan 07 00:01:13 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	6.86	152	250527	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1067597	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	515711	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	997368	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	809099	20.00	ng	-0.05
86) Perylene-d12	15.45	264	641611	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1729582	111.67	ng	-0.01
7) Phenol-d6	6.51	99	2016609	103.67	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1561713	81.41	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	523411	100.53	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	2324899	78.85	ng	-0.03
78) Terphenyl-d14	12.98	244	2434842	67.17	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	220227	16.72	ng	# 74
50) 2,6-Dinitrotoluene	9.90	165	67675	8.37	ng	# 37
56) 2,4-Dinitrotoluene	9.90	165	67663	6.61	ng	# 21
57) Fluorene	10.69	166	23648	Below Cal	#	87
64) 4,6-Dinitro-2-methylphenol	10.69	198	1393	6.59	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	34701	3.23	ng	# 1
73) Di-n-butylphthalate	11.95	149	1942	Below Cal	#	79

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

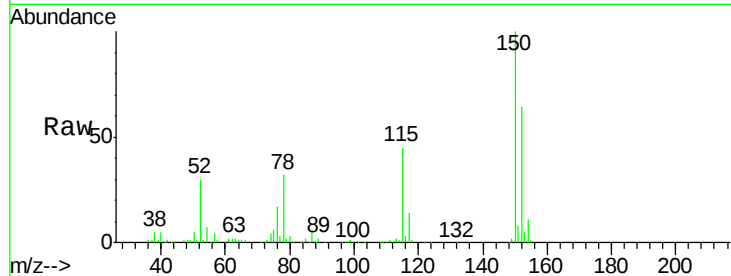


#1

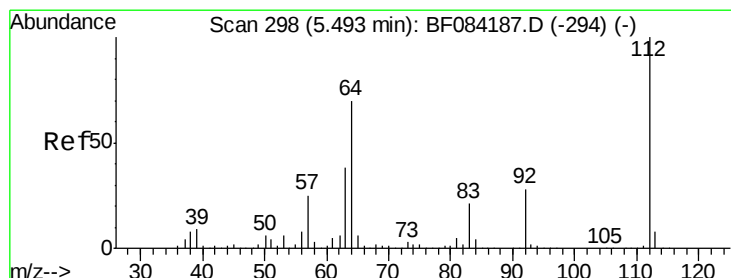
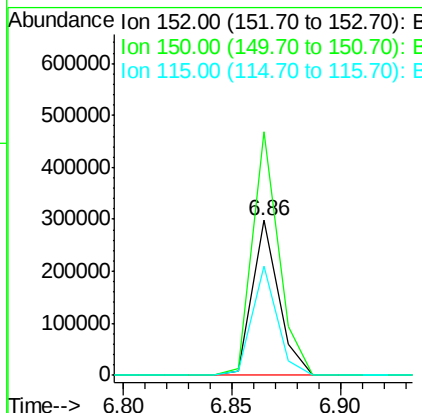
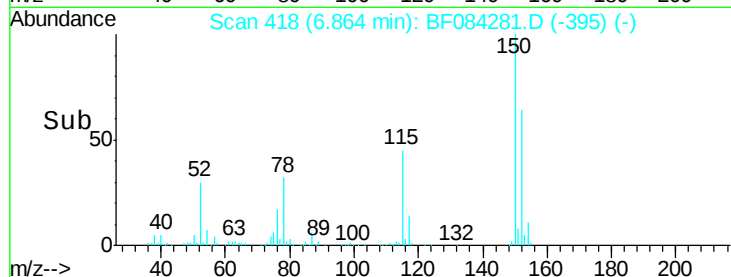
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF084281.D
Acq: 6 Jan 2016 11:15

Instrument :
BNA_F
ClientSampleId :
PB87639BL

Tgt Ion:152 Resp: 250527
Ion Ratio Lower Upper
152 100
150 156.9 123.0 184.4
115 70.5 51.4 77.2



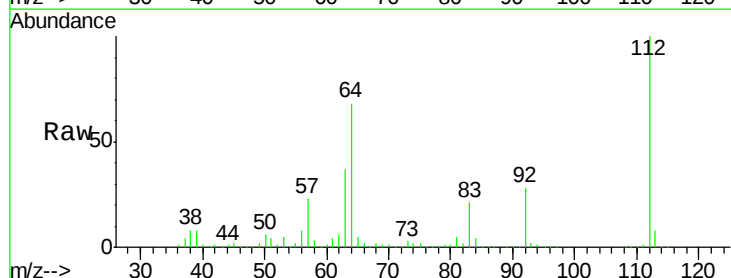
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



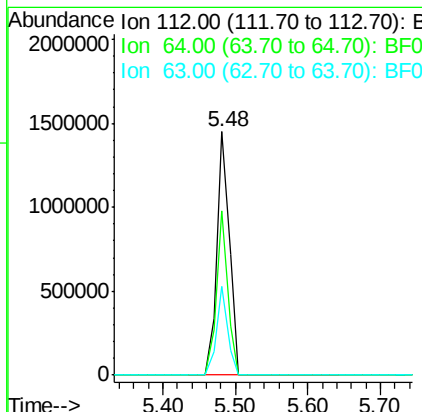
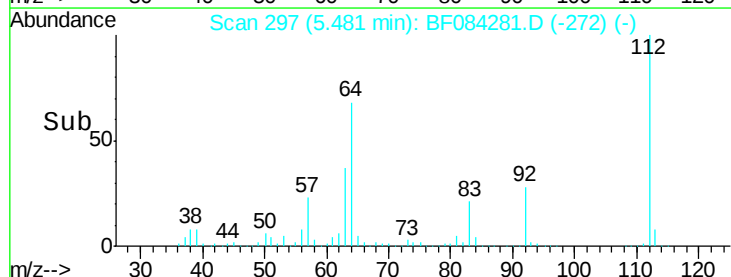
#5

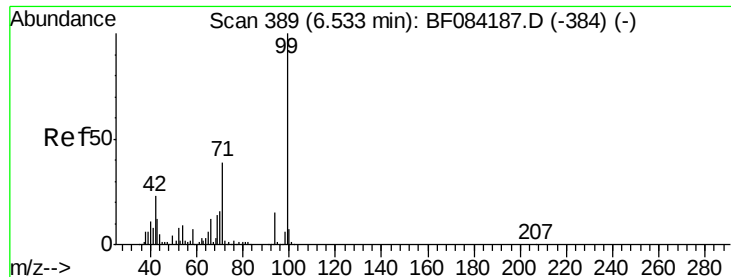
2-Fluorophenol
Concen: 111.67 ng
RT: 5.48 min Scan# 297
Delta R.T. -0.01 min
Lab File: BF084281.D
Acq: 6 Jan 2016 11:15

Tgt Ion:112 Resp: 1729582
Ion Ratio Lower Upper
112 100
64 67.7 36.6 55.0#
63 36.7 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: 103.67 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084281.D

Acq: 6 Jan 2016 11:15

Instrument :

BNA_F

ClientSampleId :

PB87639BL

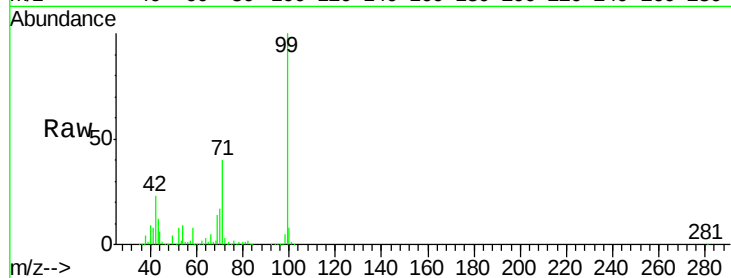
Tgt Ion: 99 Resp: 2016609

Ion Ratio Lower Upper

99 100

42 23.0 12.8 19.2#

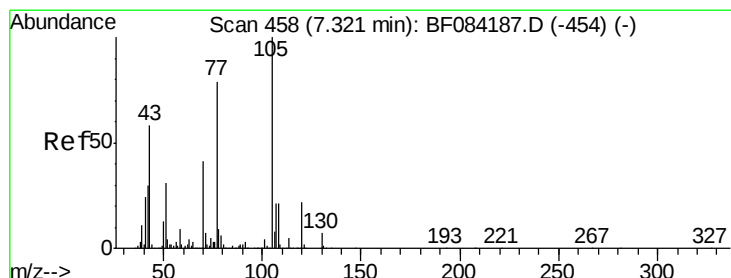
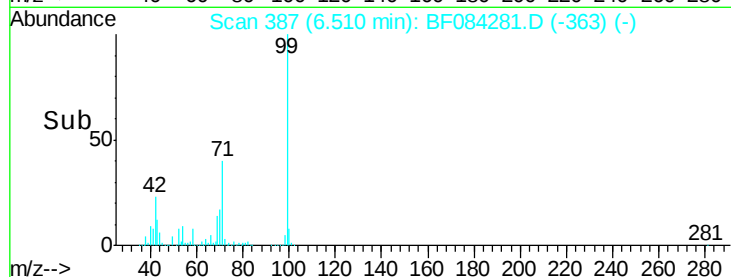
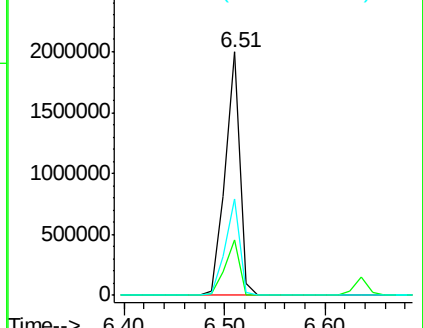
71 39.8 30.9 46.3



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: 16.72 ng

RT: 7.44 min Scan# 468

Delta R.T. 0.11 min

Lab File: BF084281.D

Acq: 6 Jan 2016 11:15

Tgt Ion: 70 Resp: 220227

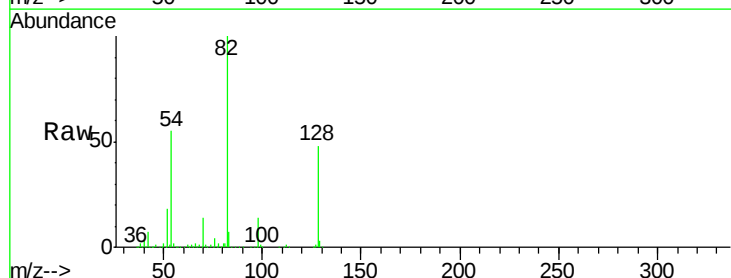
Ion Ratio Lower Upper

70 100

42 46.9 33.3 49.9

101 0.0 9.3 13.9#

130 2.1 23.4 35.0#

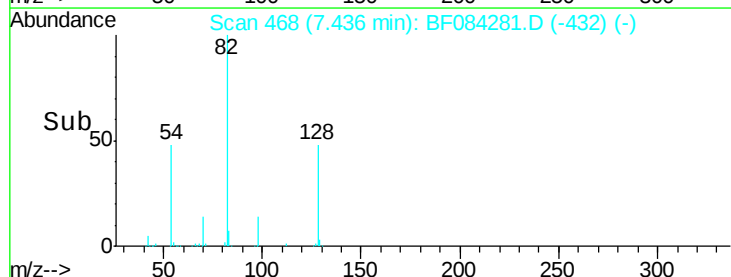
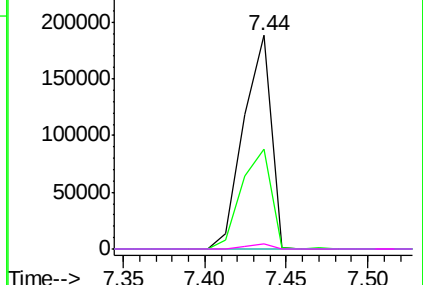


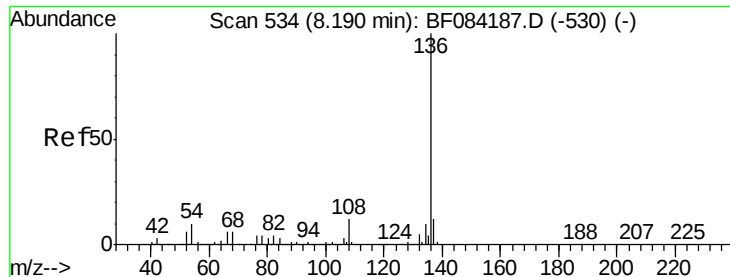
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.03 min

Lab File: BF084281.D

Acq: 6 Jan 2016 11:15

Instrument :

BNA_F

ClientSampleId :

PB87639BL

Tgt Ion:136 Resp: 1067597

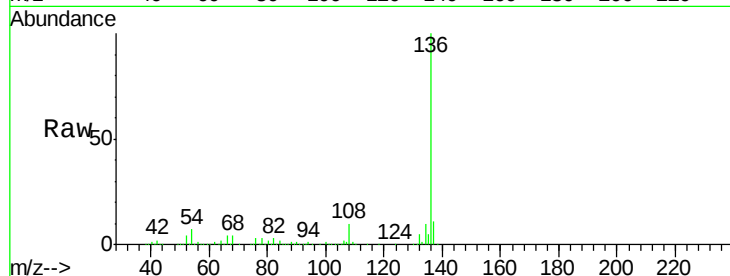
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.2 5.8 8.8

68 4.3 4.2 6.2

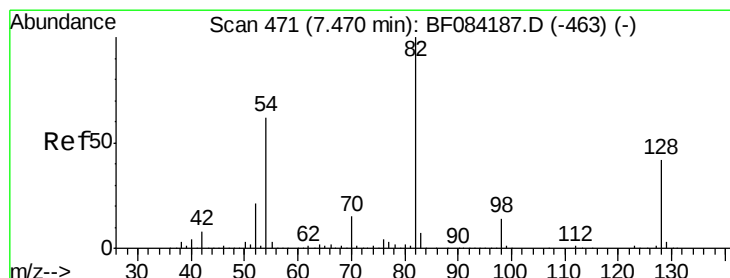
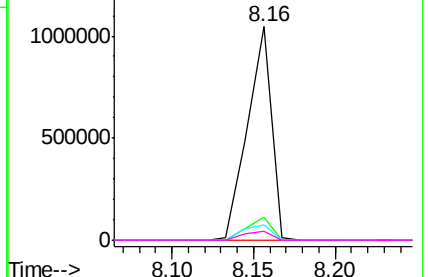
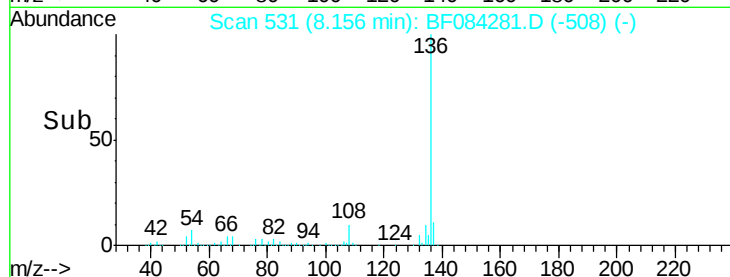


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.41 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.03 min

Lab File: BF084281.D

Acq: 6 Jan 2016 11:15

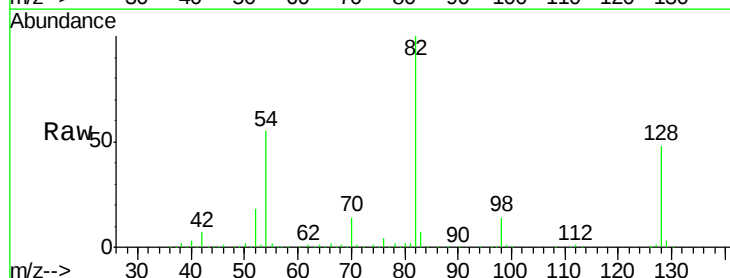
Tgt Ion: 82 Resp: 1561713

Ion Ratio Lower Upper

82 100

128 47.9 34.6 51.8

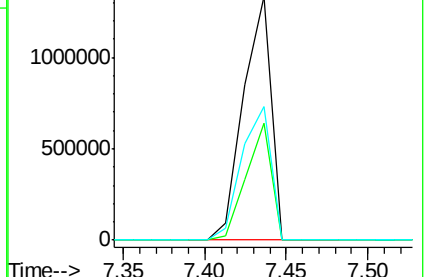
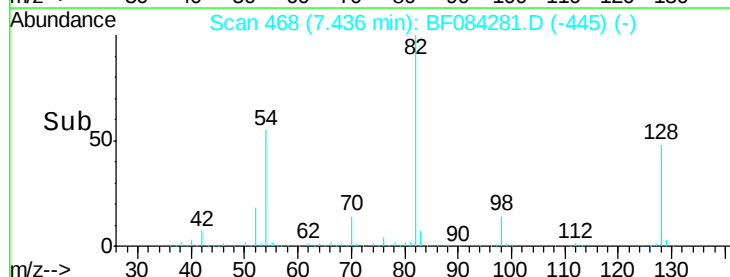
54 54.9 38.4 57.6

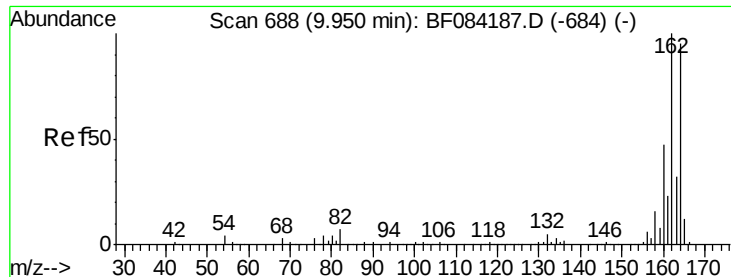


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

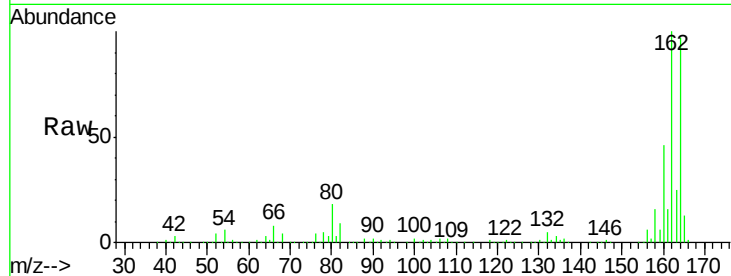




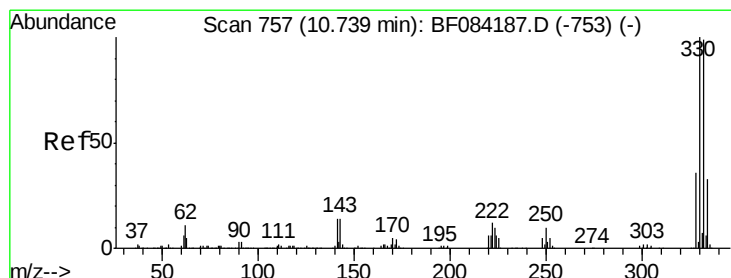
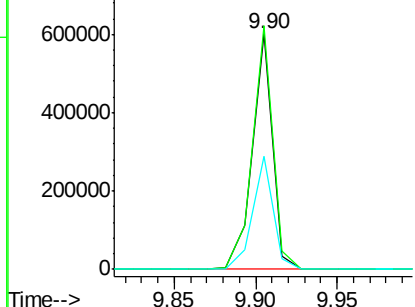
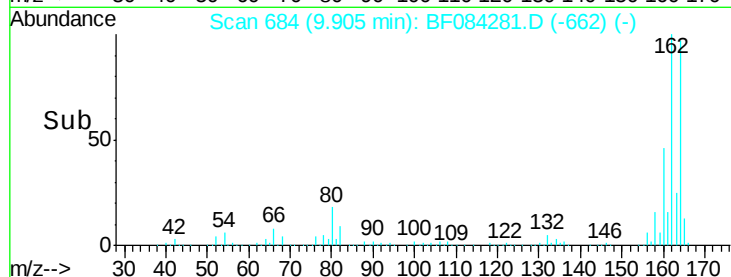
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.05 min
 Lab File: BF084281.D
 Acq: 6 Jan 2016 11:15

Instrument :
 BNA_F
 ClientSampleId :
 PB87639BL

Tgt Ion:164 Resp: 515711
 Ion Ratio Lower Upper
 164 100
 162 103.2 85.1 127.7
 160 47.9 37.5 56.3

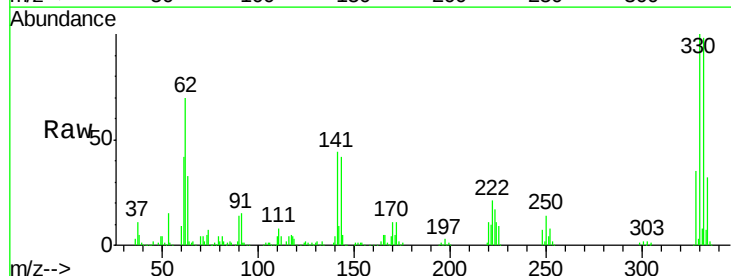


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

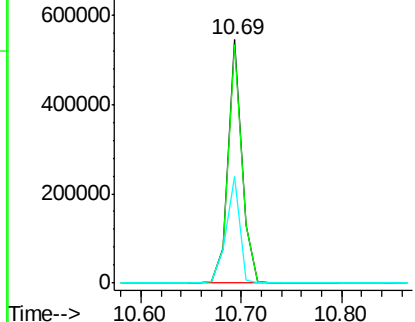
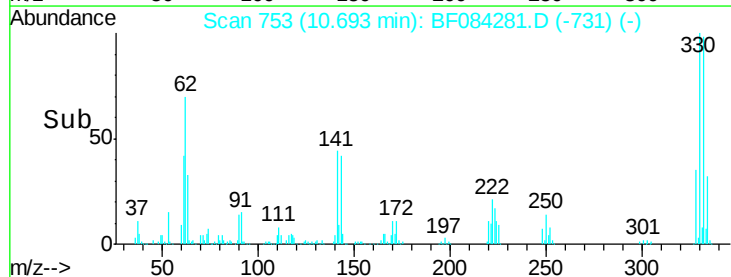


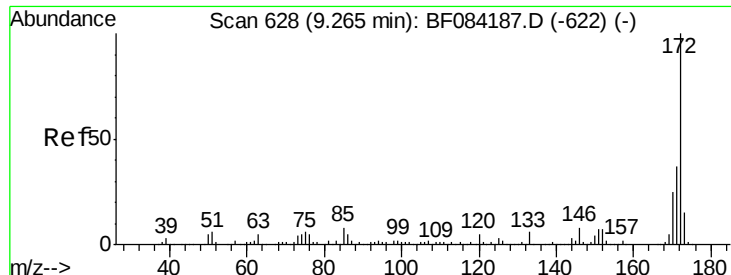
#41
 2,4,6-Tribromophenol
 Concen: 100.53 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF084281.D
 Acq: 6 Jan 2016 11:15

Tgt Ion:330 Resp: 523411
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 114.8
 141 42.6 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

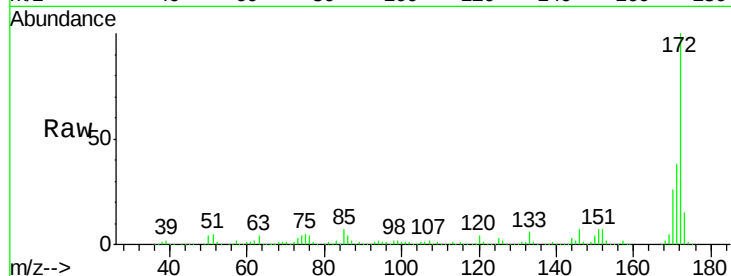




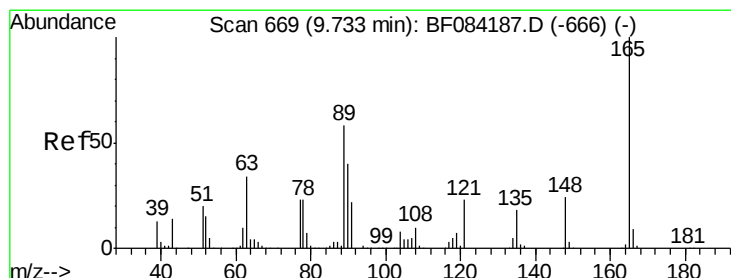
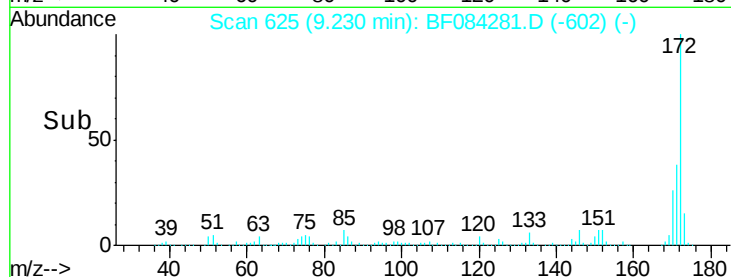
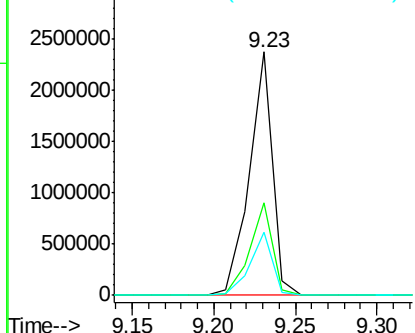
#44
 2-Fluorobiphenyl
 Concen: 78.85 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084281.D
 Acq: 6 Jan 2016 11:15

Instrument :
 BNA_F
 ClientSampleId :
 PB87639BL

Tgt Ion:172 Resp: 2324899
 Ion Ratio Lower Upper
 172 100
 171 38.1 28.9 43.3
 170 26.2 18.6 27.8

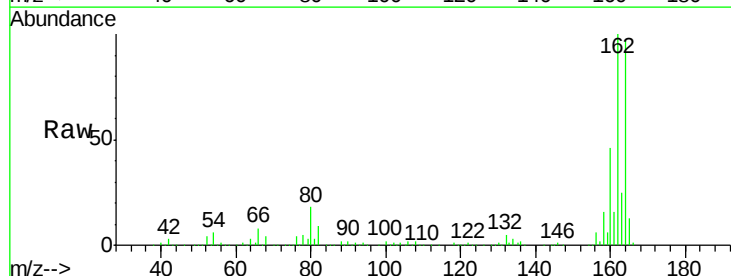


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

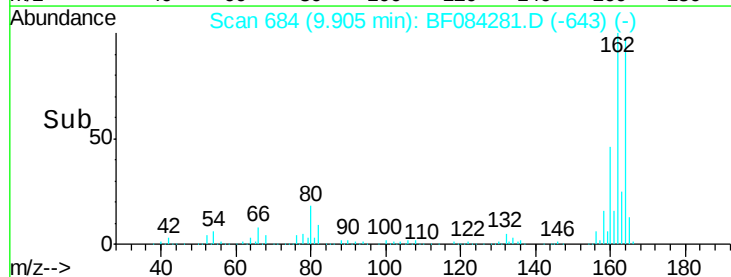
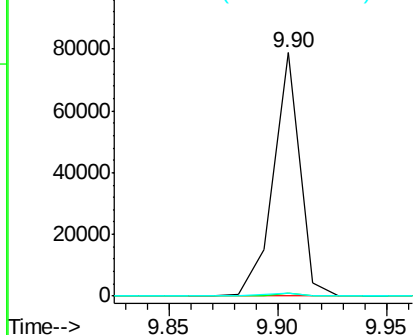


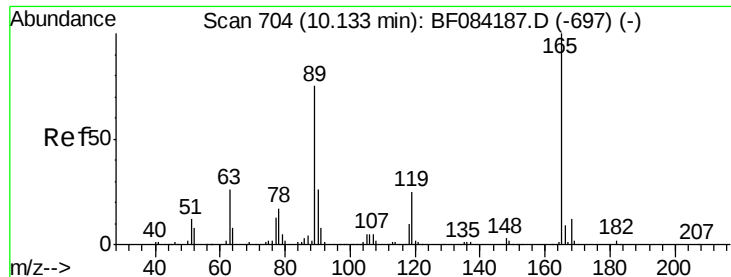
#50
 2,6-Dinitrotoluene
 Concen: 8.37 ng
 RT: 9.90 min Scan# 684
 Delta R.T. 0.17 min
 Lab File: BF084281.D
 Acq: 6 Jan 2016 11:15

Tgt Ion:165 Resp: 67675
 Ion Ratio Lower Upper
 165 100
 63 1.2 28.8 43.2#
 89 1.4 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

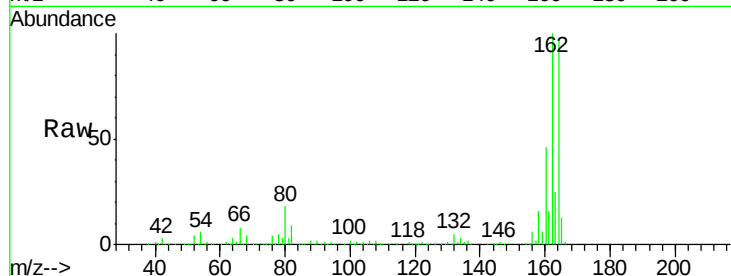




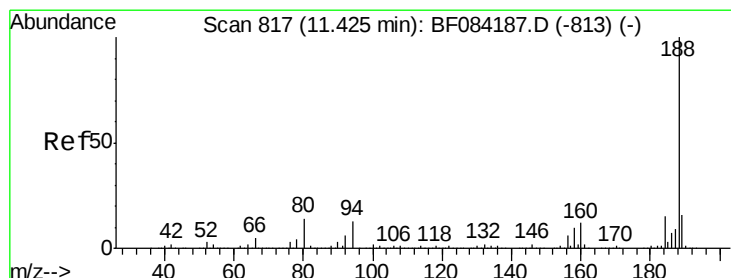
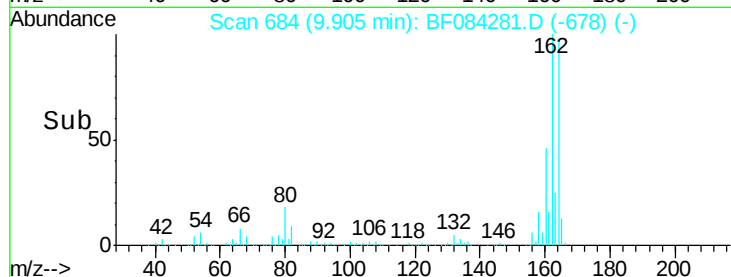
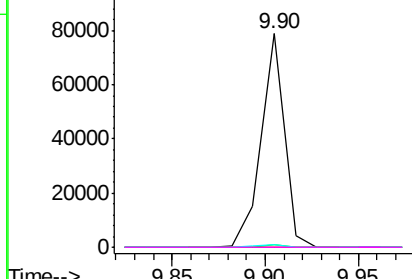
#56
 2,4-Dinitrotoluene
 Concen: 6.61 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.23 min
 Lab File: BF084281.D
 Acq: 6 Jan 2016 11:15

Instrument :
 BNA_F
 ClientSampleId :
 PB87639BL

Tgt Ion:165 Resp: 67663
 Ion Ratio Lower Upper
 165 100
 63 1.2 36.7 55.1#
 89 1.4 61.9 92.9#
 182 0.0 2.0 3.0#

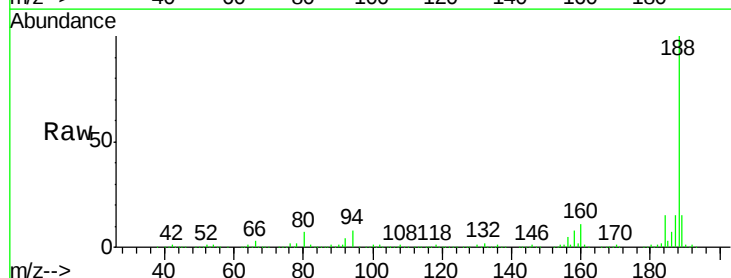


Abundance Ion 165.00 (164.70 to 165.70): E
 120000
 100000
 80000
 60000
 40000
 20000
 0

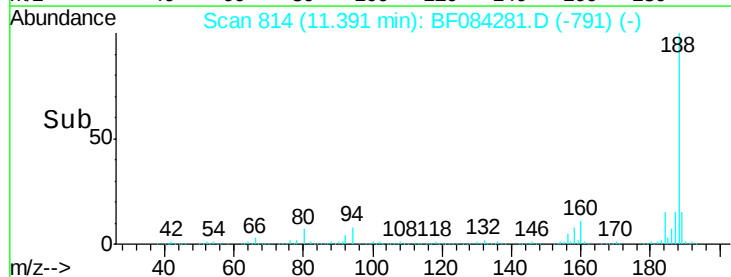
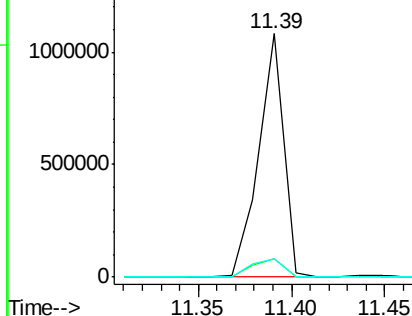


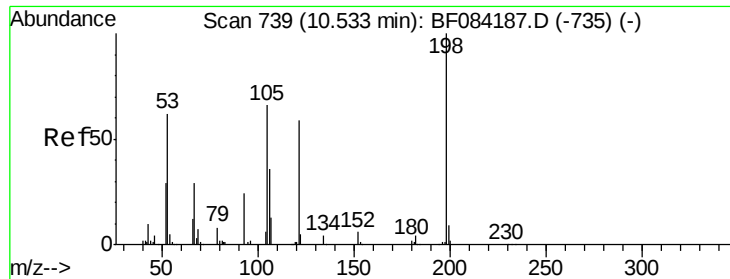
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.03 min
 Lab File: BF084281.D
 Acq: 6 Jan 2016 11:15

Tgt Ion:188 Resp: 997368
 Ion Ratio Lower Upper
 188 100
 94 7.5 9.0 13.4#
 80 7.3 9.6 14.4#



Abundance Ion 188.00 (187.70 to 188.70): E
 1500000
 1000000
 500000
 0





#64

4,6-Dinitro-2-methylphenol

Concen: 6.59 ng

RT: 10.69 min Scan# 753

Delta R.T. 0.16 min

Lab File: BF084281.D

Acq: 6 Jan 2016 11:15

Instrument :

BNA_F

ClientSampleId :

PB87639BL

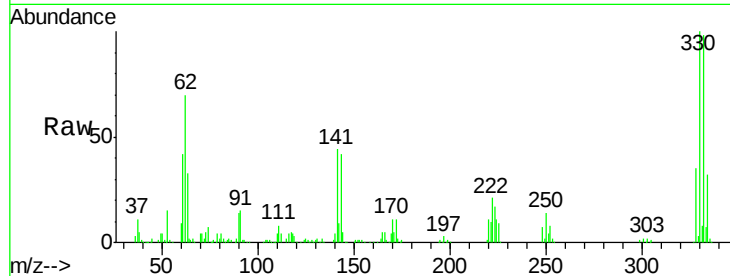
Tgt Ion:198 Resp: 1393

Ion Ratio Lower Upper

198 100

51 169.0 18.9 58.9#

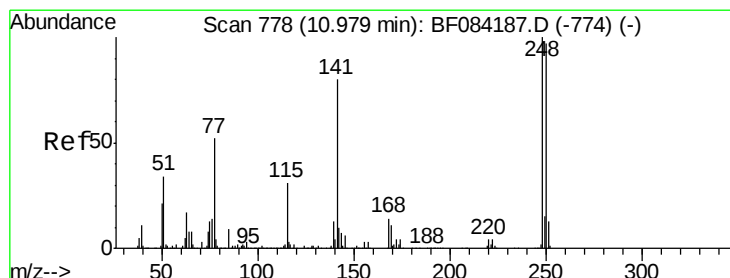
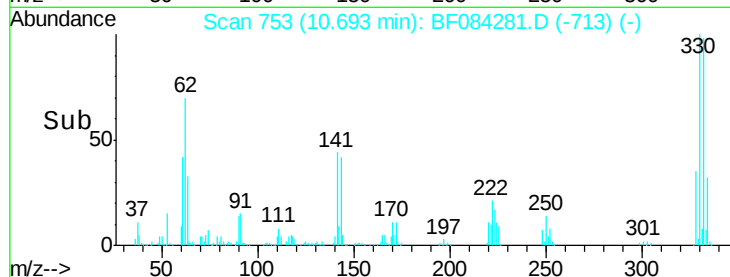
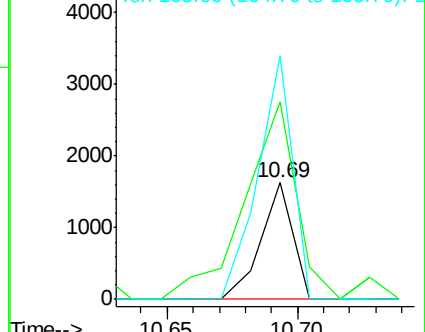
105 208.5 26.4 66.4#



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: 3.23 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.29 min

Lab File: BF084281.D

Acq: 6 Jan 2016 11:15

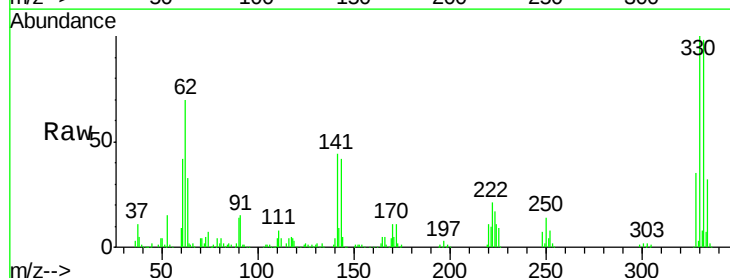
Tgt Ion:248 Resp: 34701

Ion Ratio Lower Upper

248 100

250 192.0 78.4 117.6#

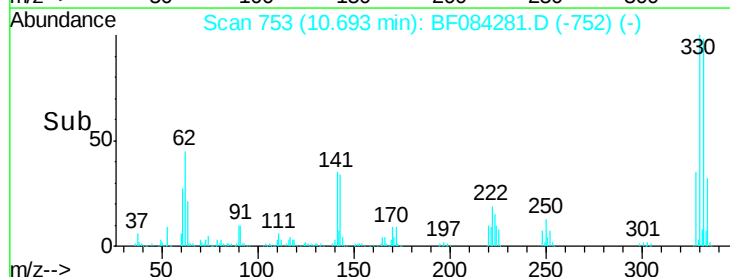
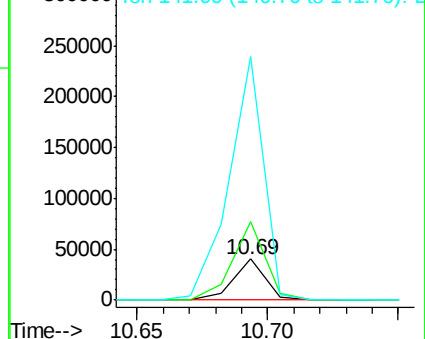
141 591.5 44.0 66.0#

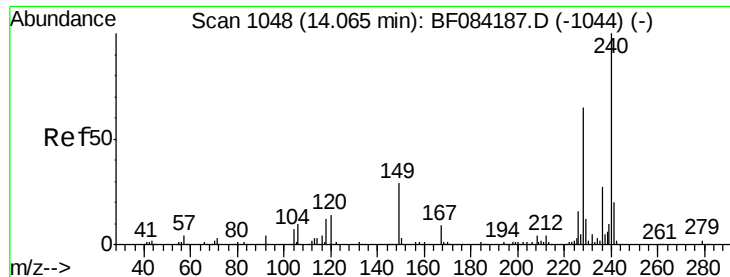


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.02 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF084281.D

Acq: 6 Jan 2016 11:15

Instrument :

BNA_F

ClientSampleId :

PB87639BL

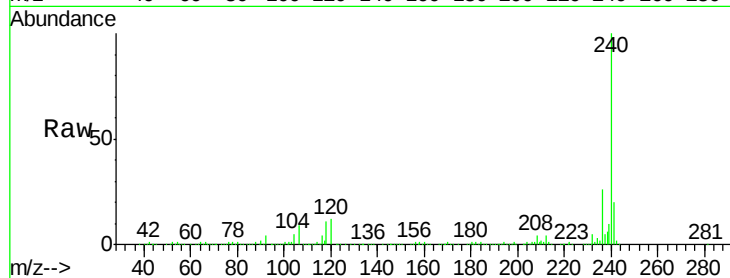
Tgt Ion:240 Resp: 809099

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

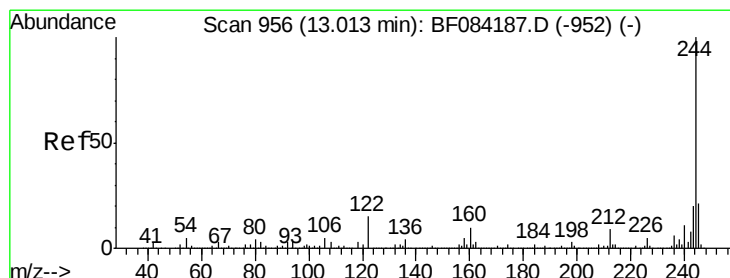
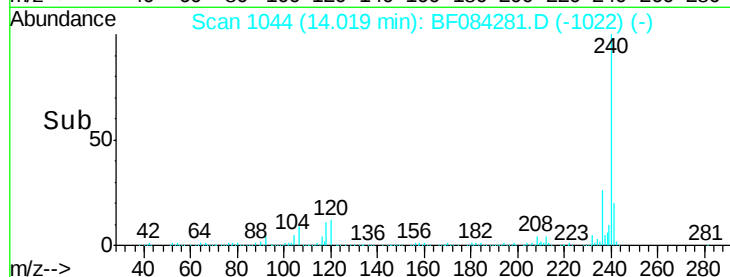
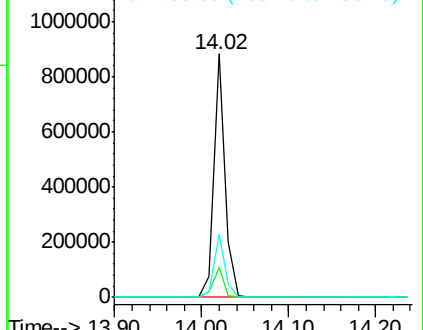
236 26.1 20.6 31.0



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: 67.17 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.03 min

Lab File: BF084281.D

Acq: 6 Jan 2016 11:15

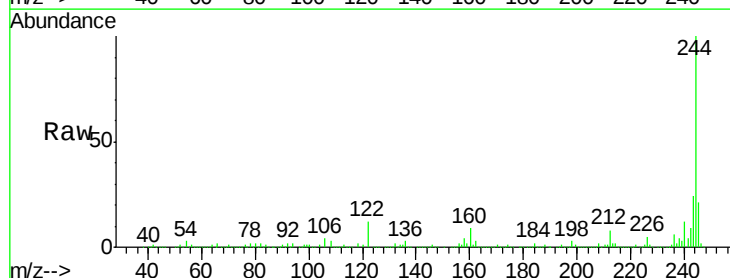
Tgt Ion:244 Resp: 2434842

Ion Ratio Lower Upper

244 100

212 8.2 5.7 8.5

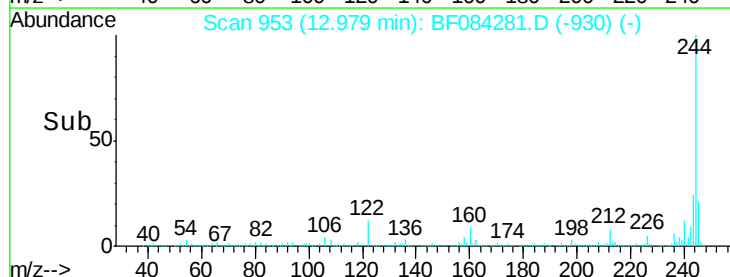
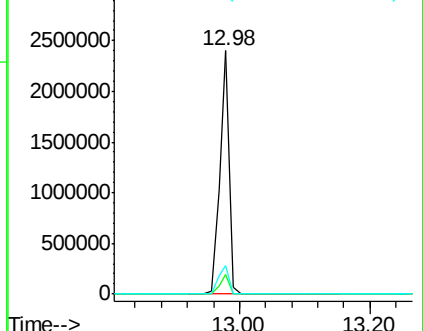
122 11.9 7.4 11.0#

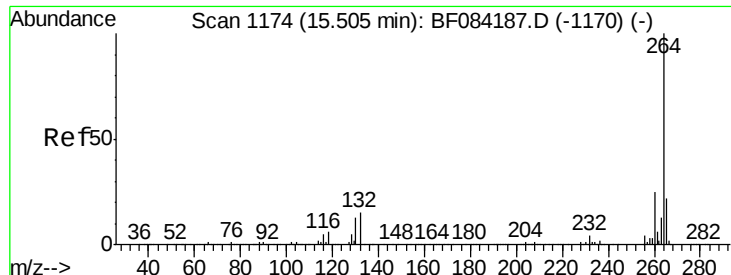


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.45 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF084281.D
Acq: 6 Jan 2016 11:15

Instrument :
BNA_F
ClientSampleId :
PB87639BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	22.0	17.8	26.6

