

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020316\
 Data File : BF084817.D
 Acq On : 4 Feb 2016 6:28
 Operator : SJ/IZ
 Sample : H1322-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B016(10-12)

Quant Time: Feb 04 07:25:03 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

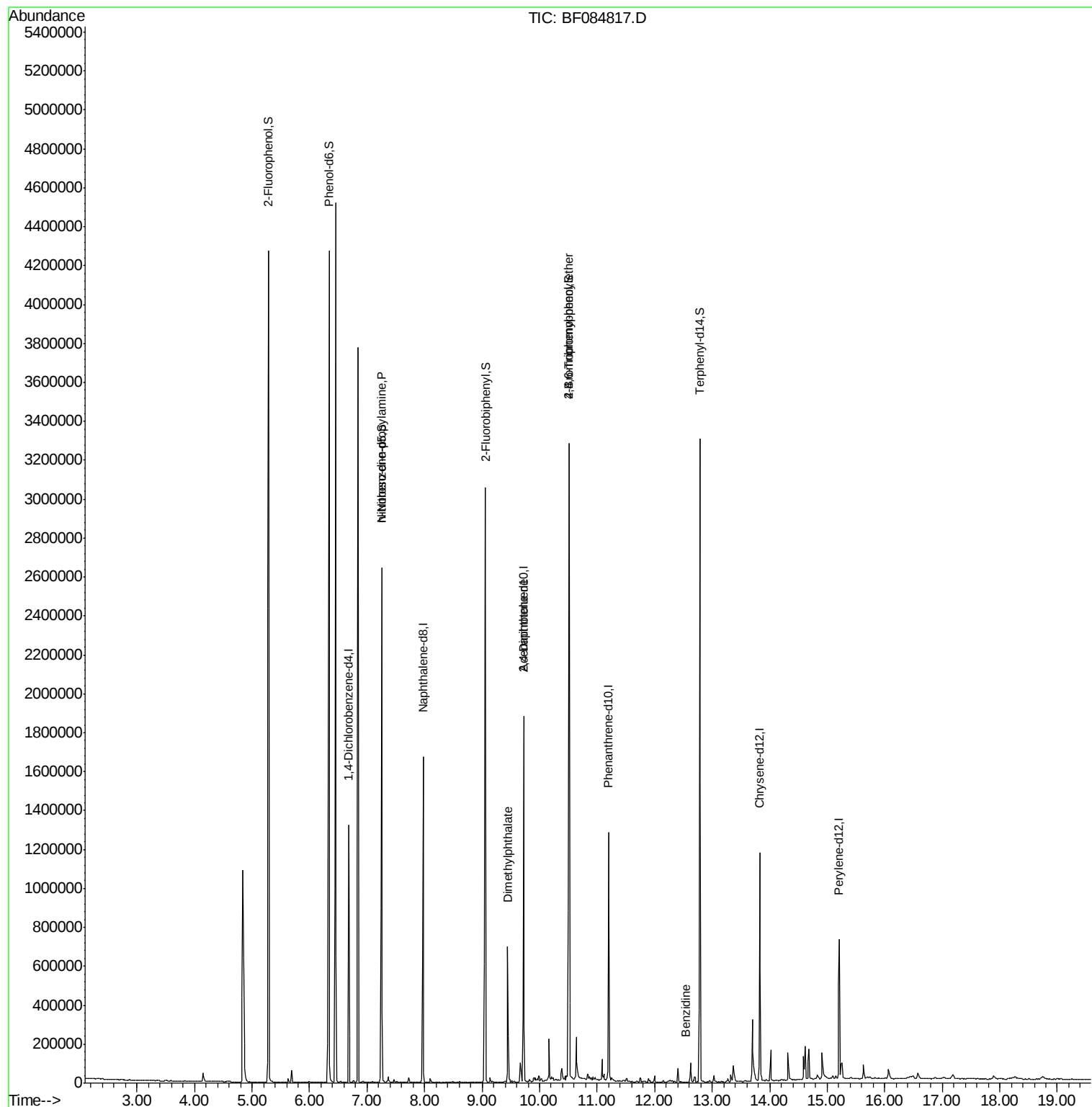
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	177979	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	809577	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	359517	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	623817	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	457753	20.00	ng	-0.01
86) Perylene-d12	15.21	264	347800	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1343657	117.59	ng	0.01
7) Phenol-d6	6.34	99	1611208	113.74	ng	0.00
23) Nitrobenzene-d5	7.25	82	905360	63.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	364857	97.29	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1577431	69.56	ng	0.00
78) Terphenyl-d14	12.78	244	1206682	59.74	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	124854	14.06	ng	# 71
49) Dimethylphthalate	9.45	163	296259	10.82	ng	# 90
56) 2,4-Dinitrotoluene	9.72	165	46603	6.11	ng	# 21
66) 4-Bromophenyl-phenylether	10.51	248	23534	3.42	ng	# 1
76) Benzidine	12.54	184	746	6.92	ng	# 66

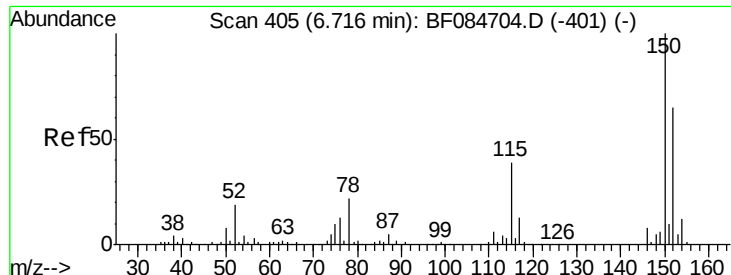
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020316\
Data File : BF084817.D
Acq On : 4 Feb 2016 6:28
Operator : SJ/IZ
Sample : H1322-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B016(10-12)

Quant Time: Feb 04 07:25:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF084817.D

Acq: 4 Feb 2016 6:28

Instrument :

BNA_F

ClientSampleId :

S4-B016(10-12)

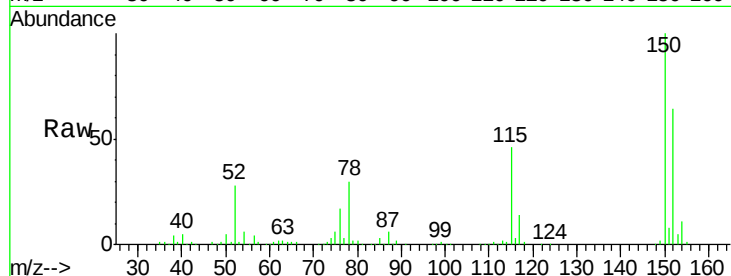
Tgt Ion:152 Resp: 177979

Ion Ratio Lower Upper

152 100

150 157.4 123.0 184.4

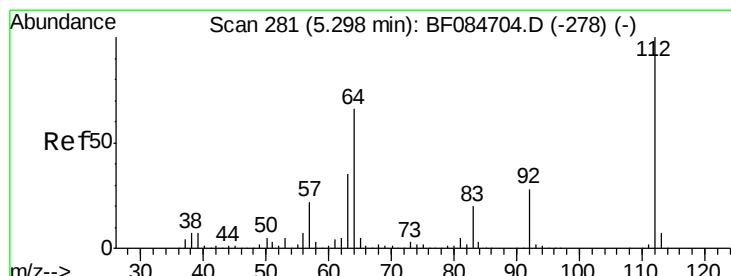
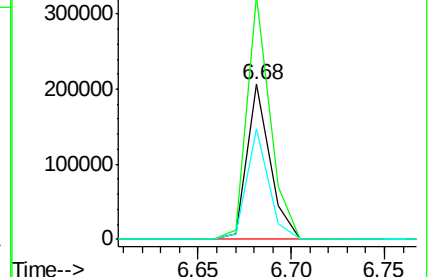
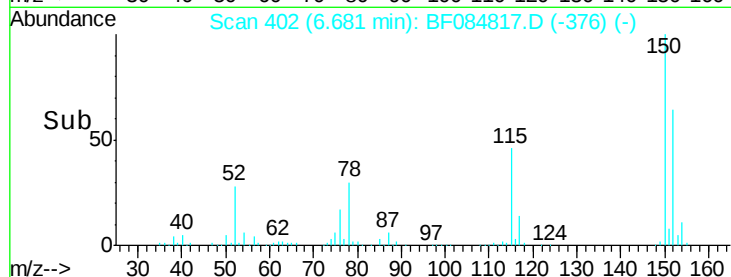
115 71.7 51.4 77.2



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: 117.59 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: BF084817.D

Acq: 4 Feb 2016 6:28

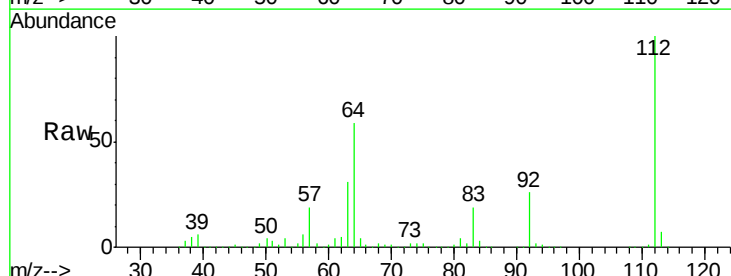
Tgt Ion:112 Resp: 1343657

Ion Ratio Lower Upper

112 100

64 58.9 36.6 55.0#

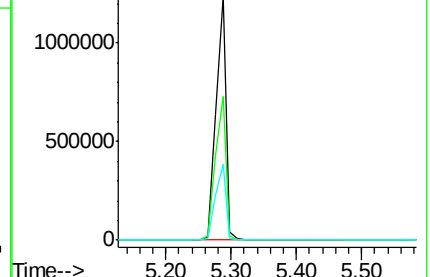
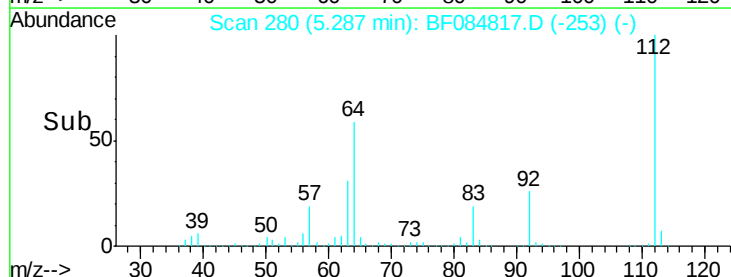
63 31.1 19.4 29.0#

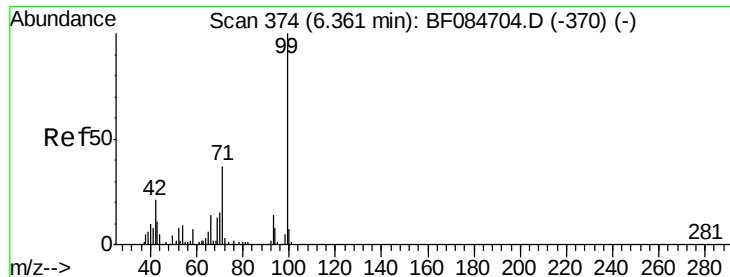


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.74 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF084817.D

Acq: 4 Feb 2016 6:28

Instrument :

BNA_F

ClientSampleId :

S4-B016(10-12)

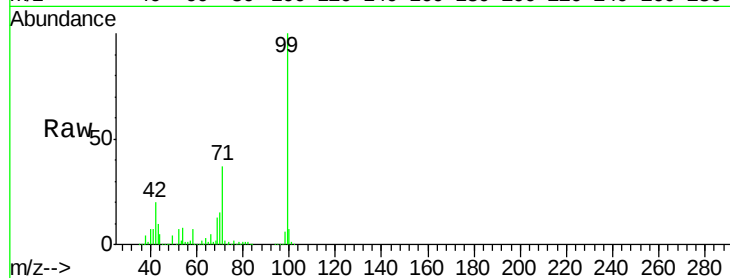
Tgt Ion: 99 Resp: 1611208

Ion Ratio Lower Upper

99 100

42 19.8 12.8 19.2#

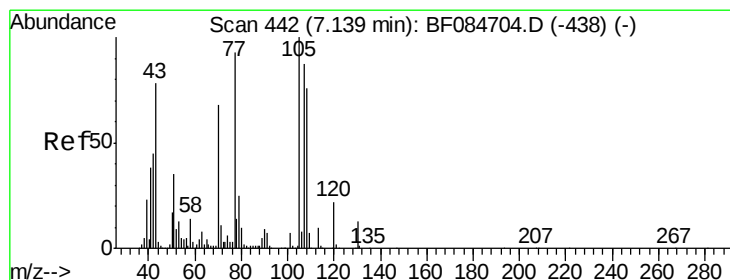
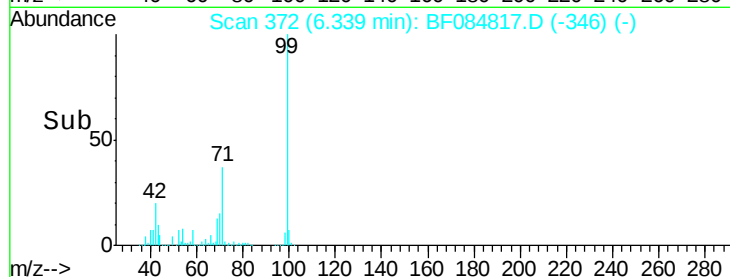
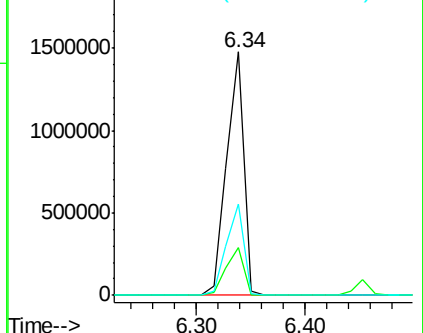
71 37.4 30.9 46.3



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: 14.06 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.14 min

Lab File: BF084817.D

Acq: 4 Feb 2016 6:28

Tgt Ion: 70 Resp: 124854

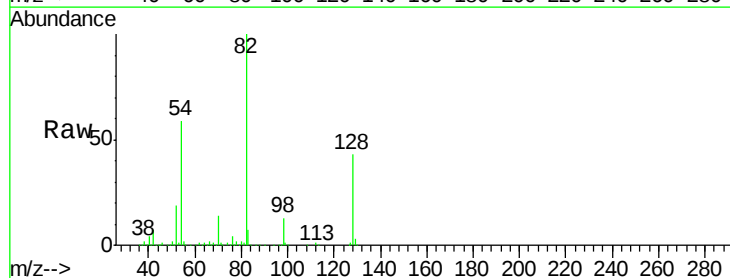
Ion Ratio Lower Upper

70 100

42 49.9 33.3 49.9

101 0.0 9.3 13.9#

130 2.1 23.4 35.0#

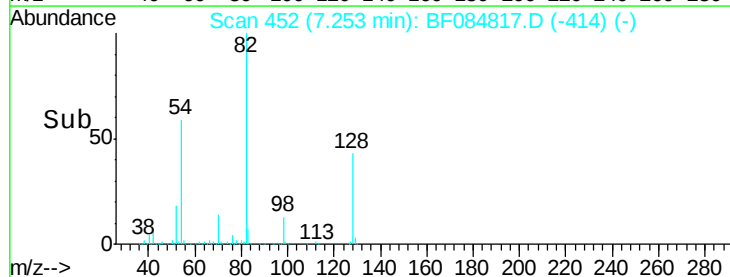
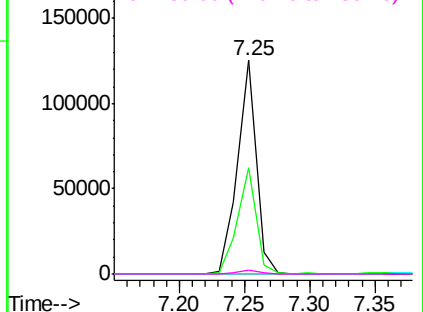


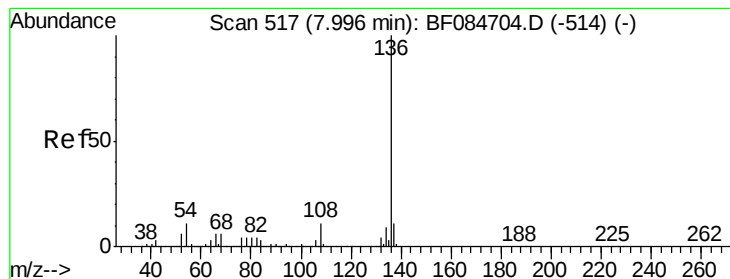
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.97 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF084817.D

Acq: 4 Feb 2016 6:28

Instrument :

BNA_F

ClientSampleId :

S4-B016(10-12)

Tgt Ion: 136 Resp: 809577

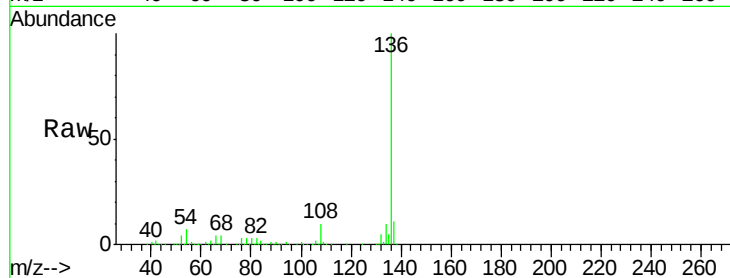
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.5 5.8 8.8

68 4.4 4.2 6.2

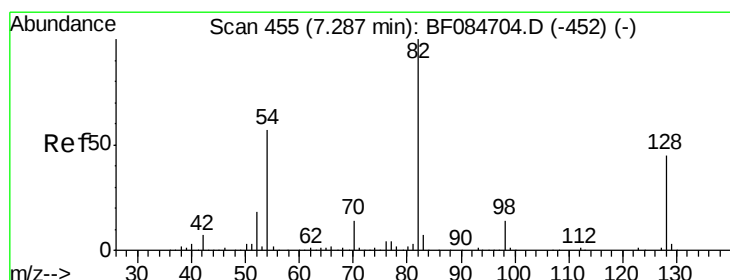
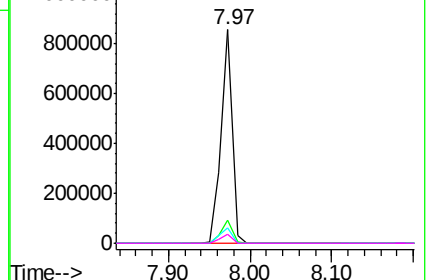
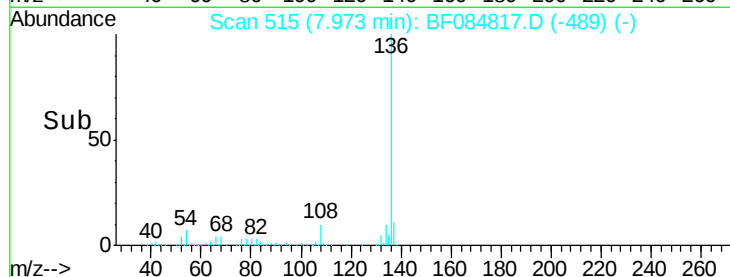


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.00 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF084817.D

Acq: 4 Feb 2016 6:28

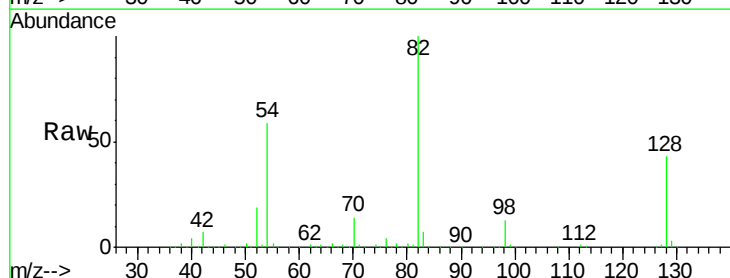
Tgt Ion: 82 Resp: 905360

Ion Ratio Lower Upper

82 100

128 42.7 34.6 51.8

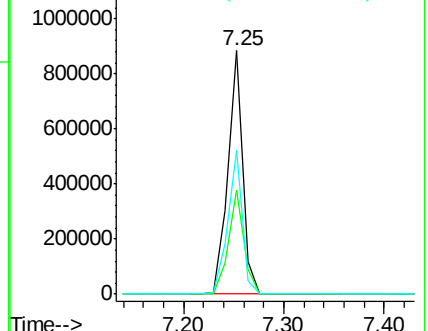
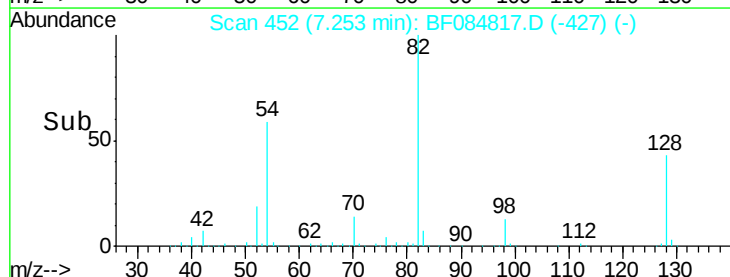
54 58.8 38.4 57.6#

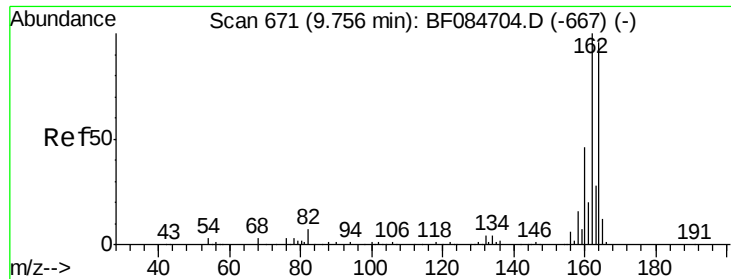


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF084817.D

Acq: 4 Feb 2016 6:28

Instrument :

BNA_F

ClientSampleId :

S4-B016(10-12)

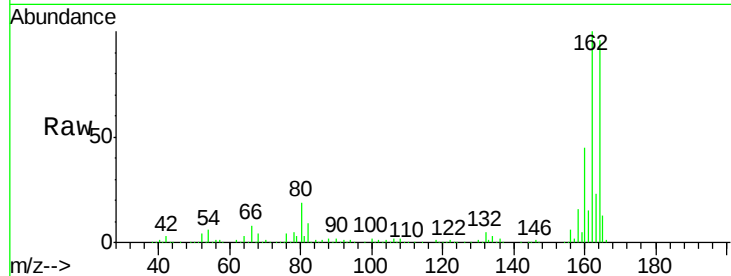
Tgt Ion:164 Resp: 359517

Ion Ratio Lower Upper

164 100

162 104.0 85.1 127.7

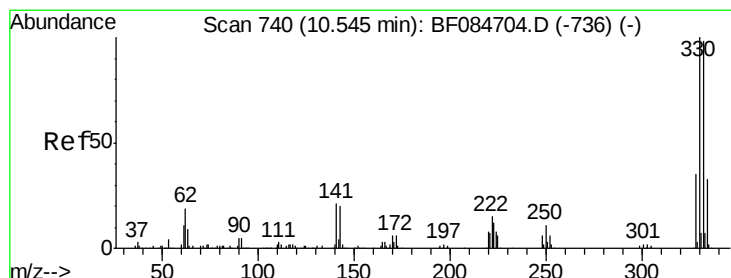
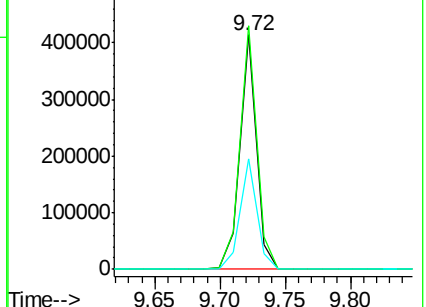
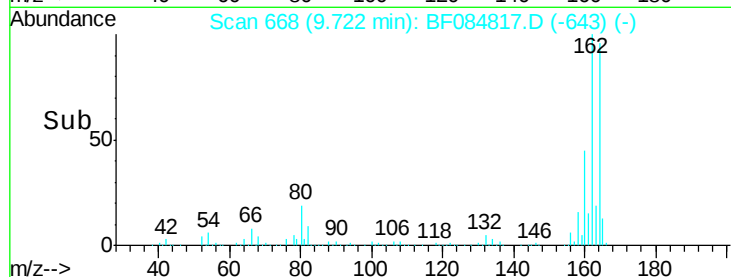
160 47.3 37.5 56.3



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: 97.29 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF084817.D

Acq: 4 Feb 2016 6:28

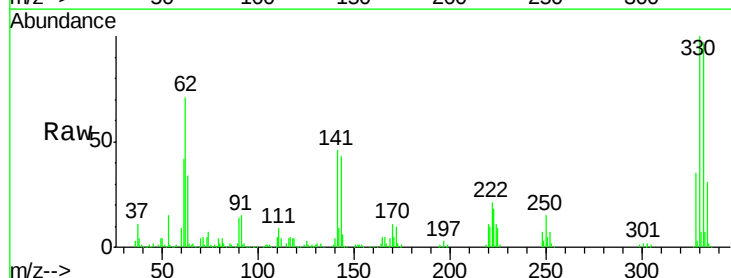
Tgt Ion:330 Resp: 364857

Ion Ratio Lower Upper

330 100

332 96.9 76.6 114.8

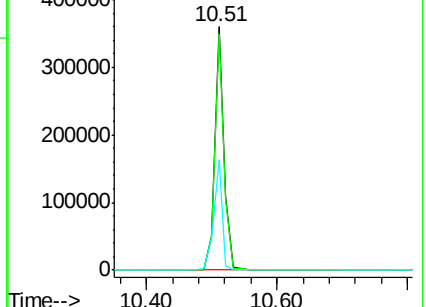
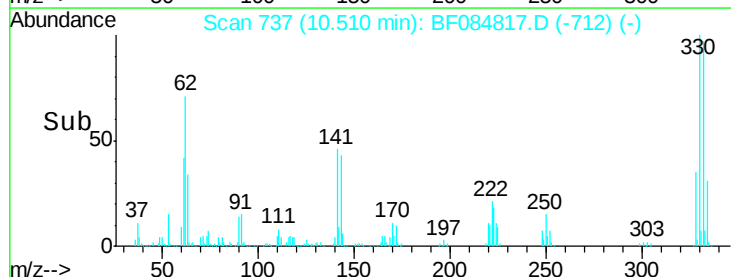
141 41.6 27.8 41.6

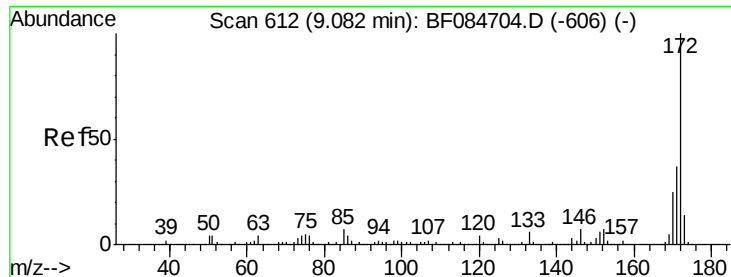


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

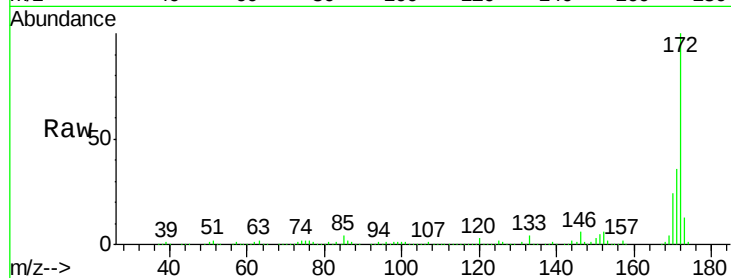




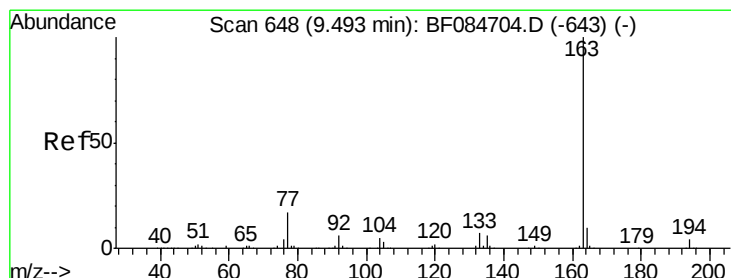
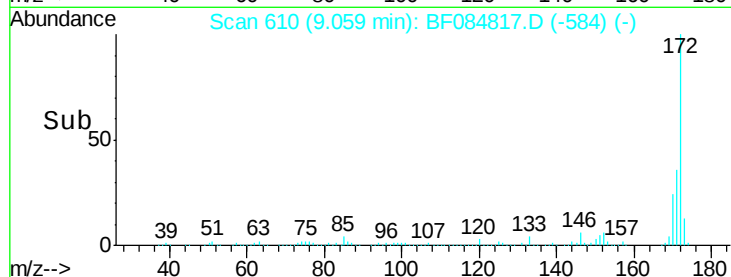
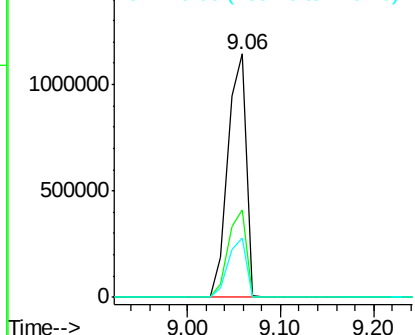
#44
 2-Fluorobiphenyl
 Concen: 69.56 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF084817.D
 Acq: 4 Feb 2016 6:28

Instrument :
 BNA_F
 ClientSampleId :
 S4-B016(10-12)

Tgt Ion:172 Resp: 1577431
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.9 43.3
 170 24.3 18.6 27.8

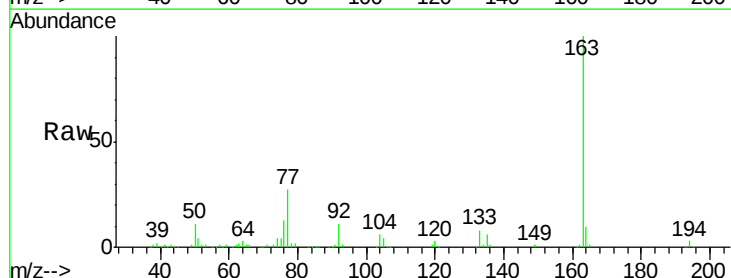


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

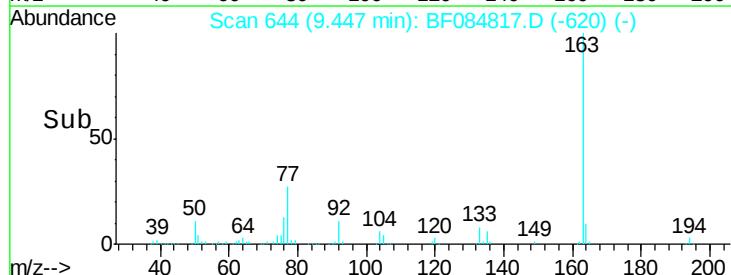
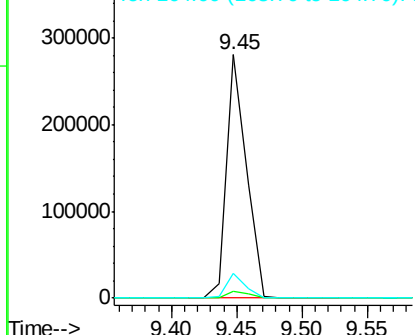


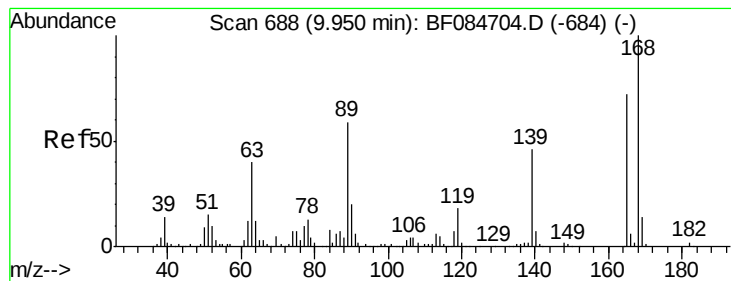
#49
 Dimethylphthalate
 Concen: 10.82 ng
 RT: 9.45 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF084817.D
 Acq: 4 Feb 2016 6:28

Tgt Ion:163 Resp: 296259
 Ion Ratio Lower Upper
 163 100
 194 3.0 8.0 12.0#
 164 10.3 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 6.11 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.21 min

Lab File: BF084817.D

Acq: 4 Feb 2016 6:28

Instrument :

BNA_F

ClientSampleId :

S4-B016(10-12)

Tgt Ion:165 Resp: 46603

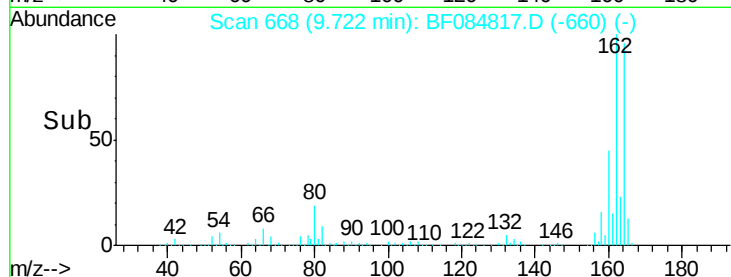
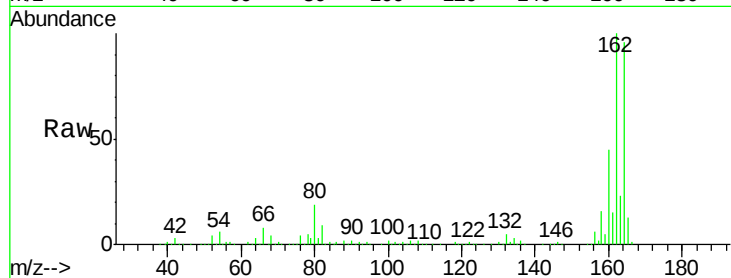
Ion Ratio Lower Upper

165 100

63 1.3 36.7 55.1#

89 1.5 61.9 92.9#

182 0.0 2.0 3.0#

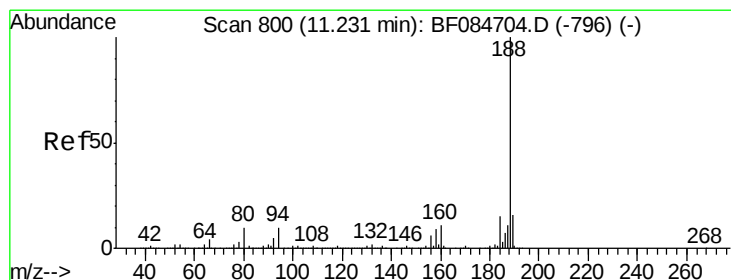
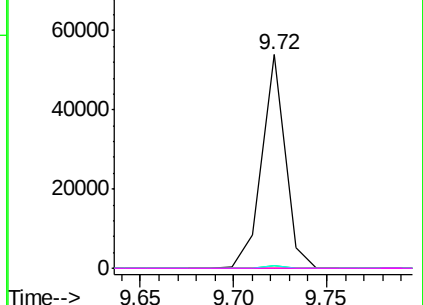


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.20 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF084817.D

Acq: 4 Feb 2016 6:28

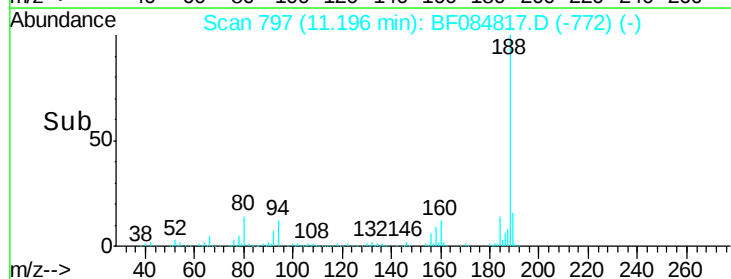
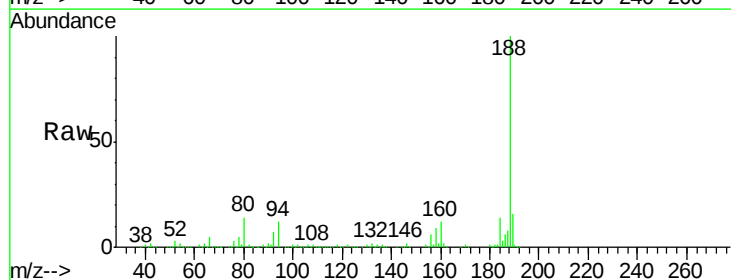
Tgt Ion:188 Resp: 623817

Ion Ratio Lower Upper

188 100

94 11.7 9.0 13.4

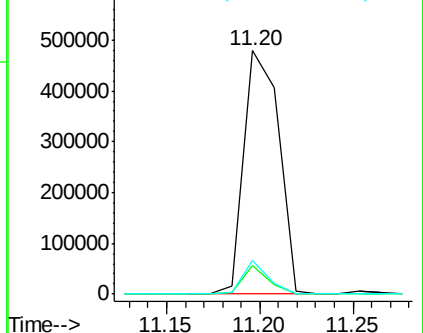
80 13.9 9.6 14.4

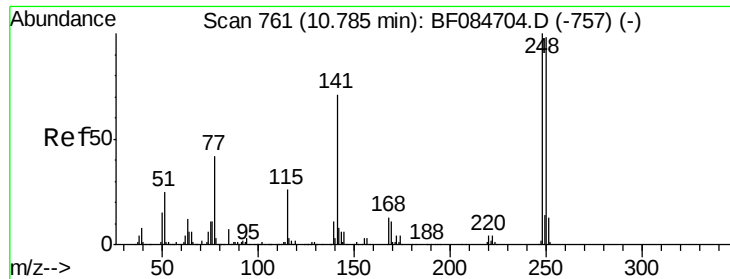


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

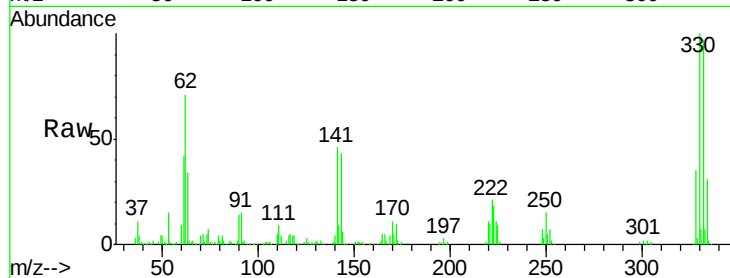




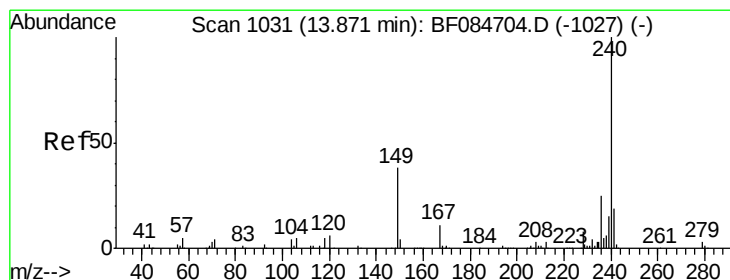
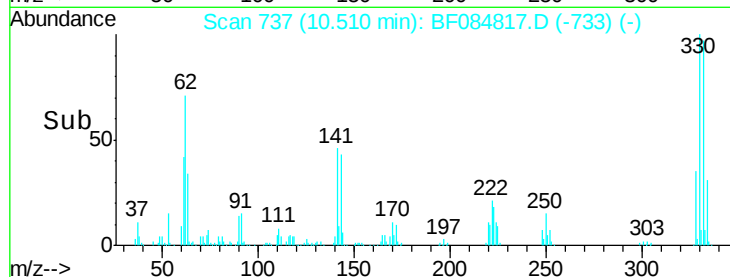
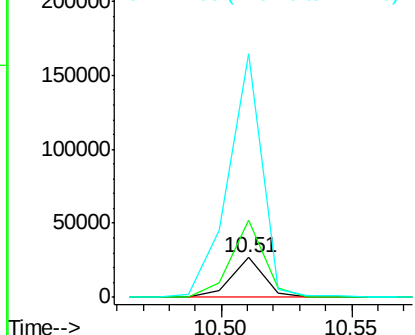
#66
4-Bromophenyl-phenylether
Concen: 3.42 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.25 min
Lab File: BF084817.D
Acq: 4 Feb 2016 6:28

Instrument :
BNA_F
ClientSampleId :
S4-B016(10-12)

Tgt Ion:248 Resp: 23534
Ion Ratio Lower Upper
248 100
250 194.9 78.4 117.6#
141 610.2 44.0 66.0#

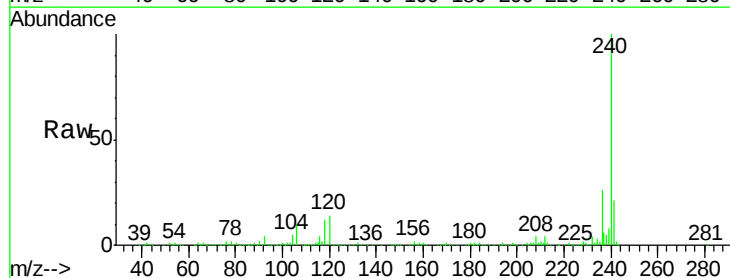


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

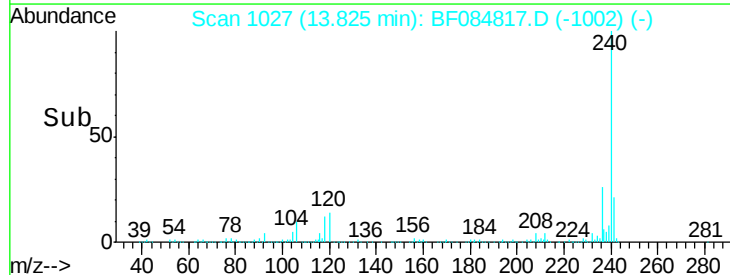
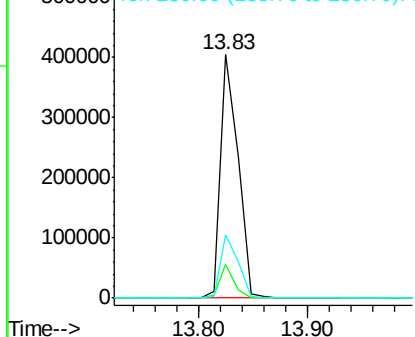


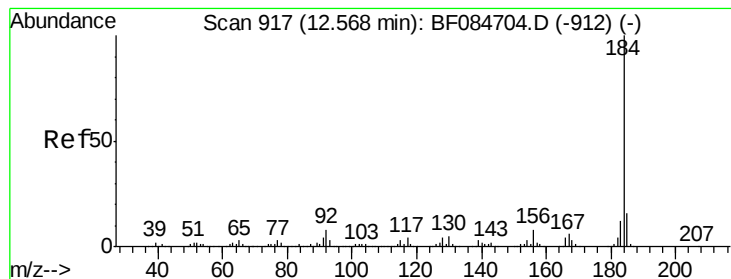
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF084817.D
Acq: 4 Feb 2016 6:28

Tgt Ion:240 Resp: 457753
Ion Ratio Lower Upper
240 100
120 14.0 9.5 14.3
236 25.8 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





#76

Benzidine

Concen: 6.92 ng

RT: 12.54 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF084817.D

Acq: 4 Feb 2016 6:28

Instrument :

BNA_F

ClientSampleId :

S4-B016(10-12)

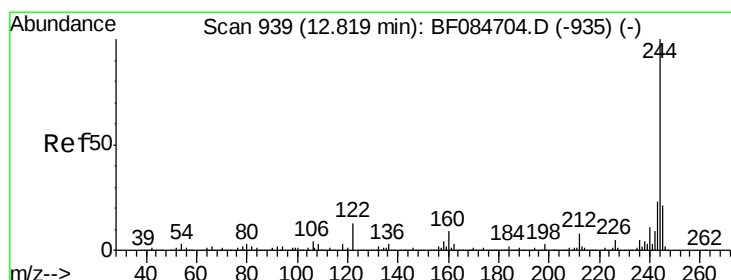
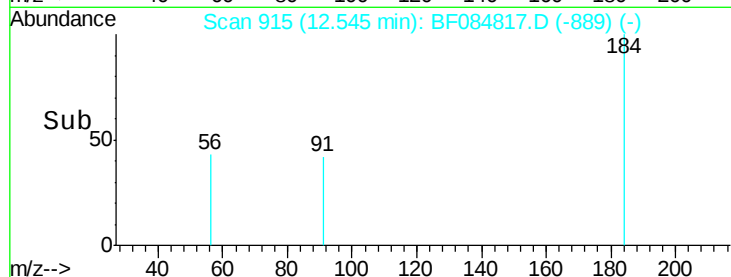
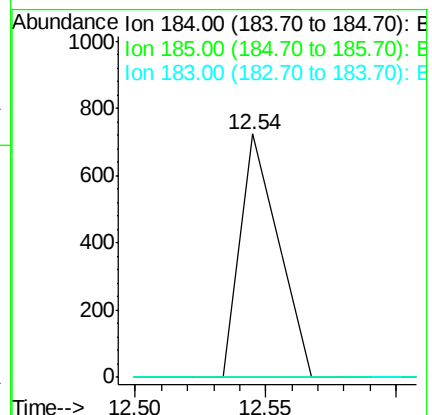
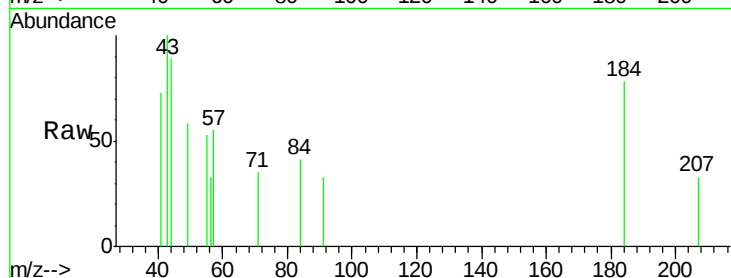
Tgt Ion:184 Resp: 746

Ion Ratio Lower Upper

184 100

185 0.0 12.2 18.2#

183 0.0 9.8 14.8#



#78

Terphenyl-d14

Concen: 59.74 ng

RT: 12.78 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF084817.D

Acq: 4 Feb 2016 6:28

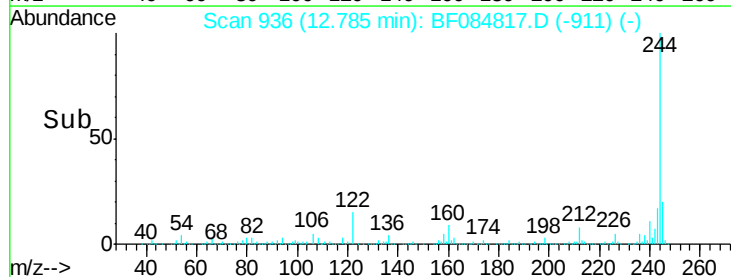
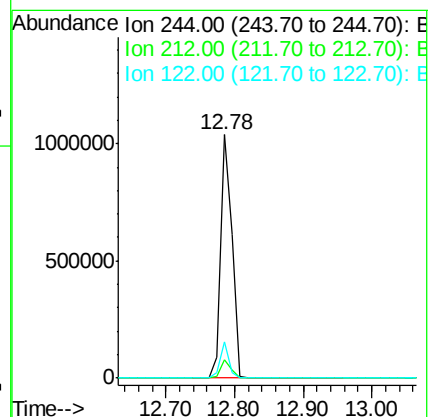
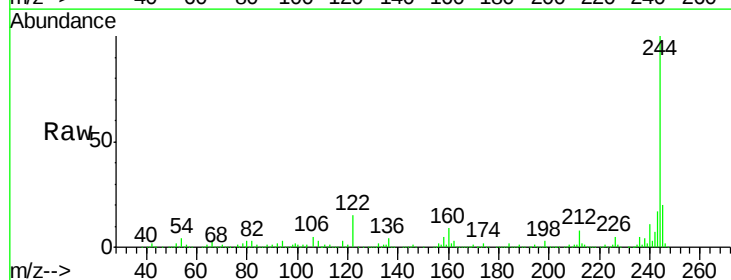
Tgt Ion:244 Resp: 1206682

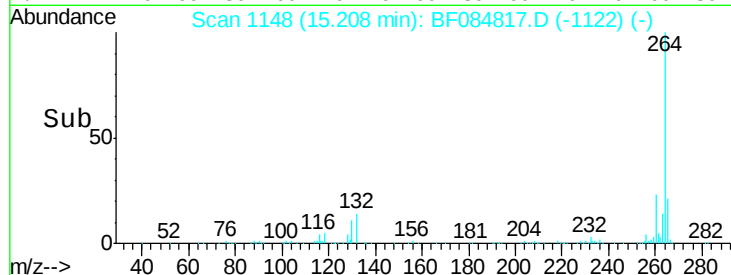
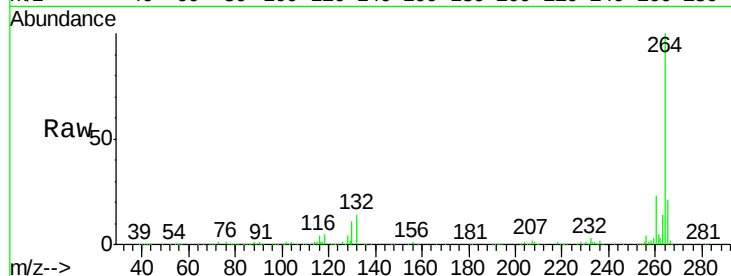
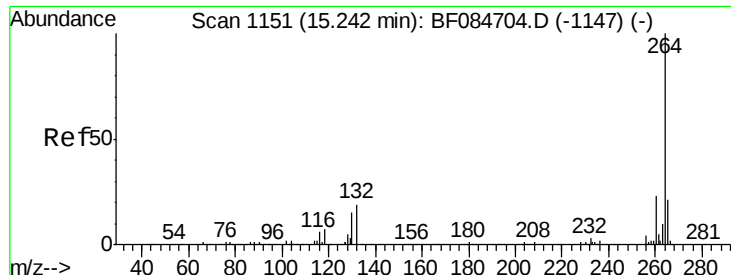
Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

122 14.8 7.4 11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF084817.D
Acq: 4 Feb 2016 6:28

Instrument :
BNA_F
ClientSampleId :
S4-B016(10-12)

Tgt Ion:	264	Resp:	347800
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.4	29.2
265	21.3	17.8	26.6

