

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060516\
 Data File : BF087722.D
 Acq On : 5 Jun 2016 22:22
 Operator : UM/SJ
 Sample : H3379-13
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Quant Time: Jun 06 03:12:08 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

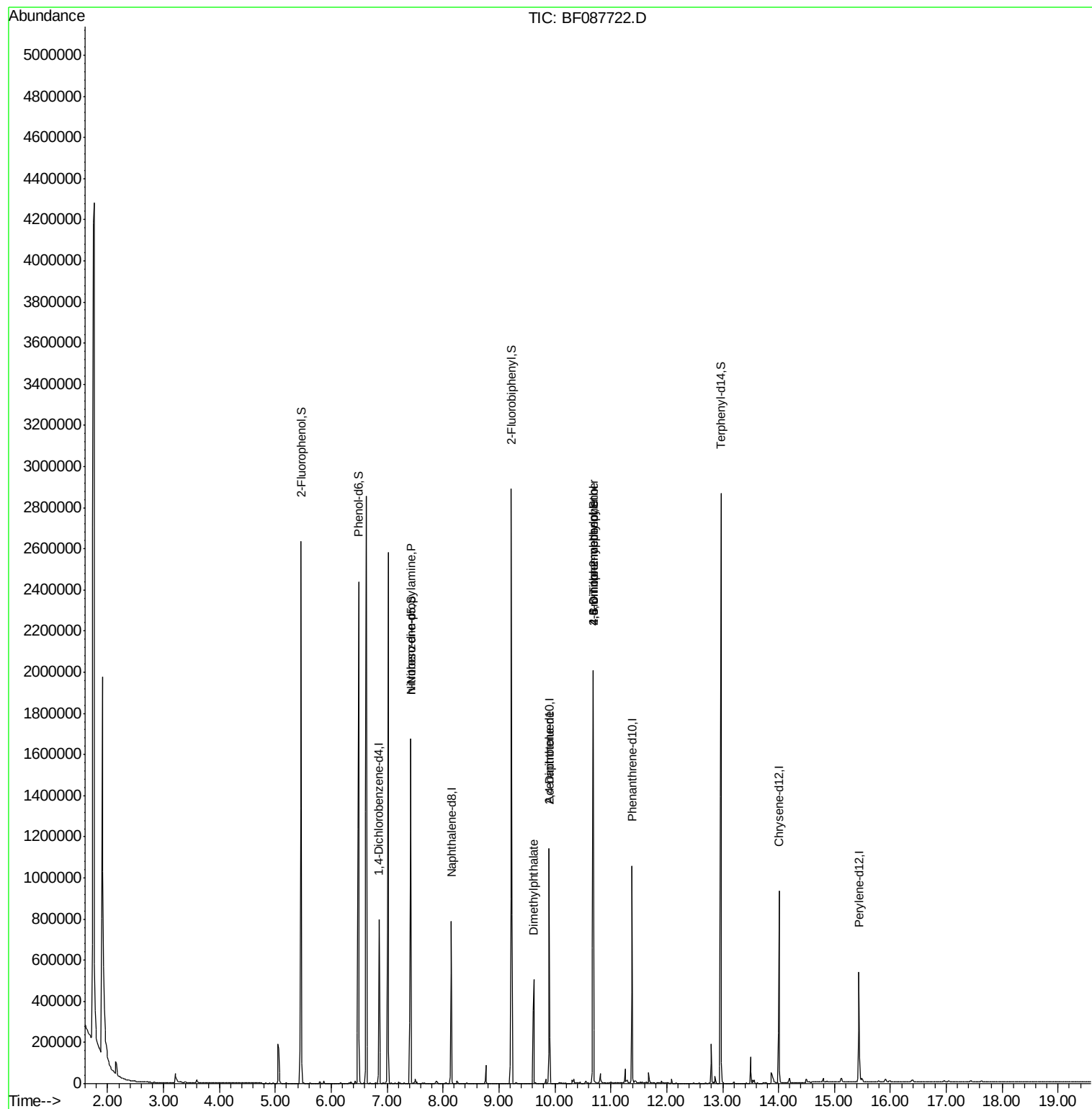
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	115847	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	481695	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	221695	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	420311	20.00	ng	0.00
75) Chrysene-d12	14.01	240	313255	20.00	ng	-0.01
86) Perylene-d12	15.44	264	239472	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	843765	117.72	ng	0.01
7) Phenol-d6	6.49	99	1034673	115.11	ng	0.00
23) Nitrobenzene-d5	7.43	82	764740	91.85	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	251205	112.88	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1118975	74.48	ng	-0.01
78) Terphenyl-d14	12.97	244	980019	76.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	100393	17.88	ng	# 71
49) Dimethylphthalate	9.62	163	298204	18.50	ng	98
56) 2,4-Dinitrotoluene	9.90	165	28259	6.05	ng	# 37
64) 4,6-Dinitro-2-methylphenol	10.68	198	468	2.21	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	15039	3.61	ng	# 1

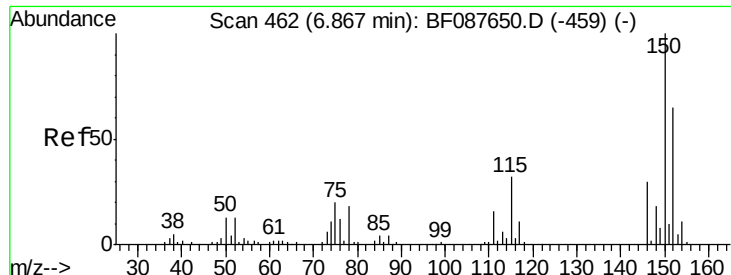
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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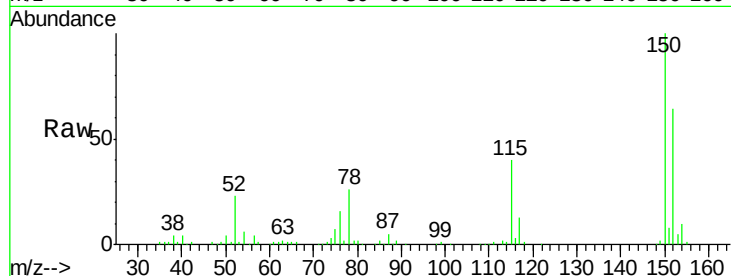


#1

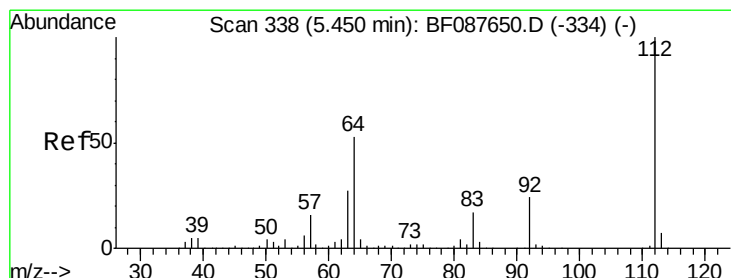
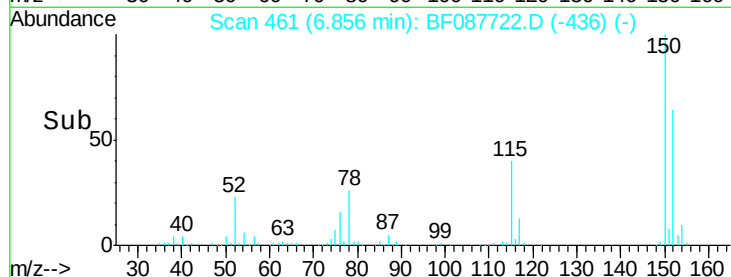
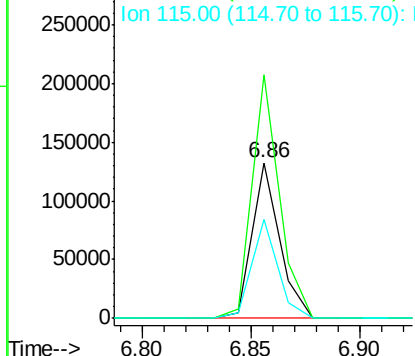
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF087722.D
Acq: 5 Jun 2016 22:22

Instrument :
BNA_F
ClientSampleId :
SB-4

Tgt Ion:152 Resp: 115847
Ion Ratio Lower Upper
152 100
150 156.6 123.8 185.6
115 63.3 39.6 59.4#



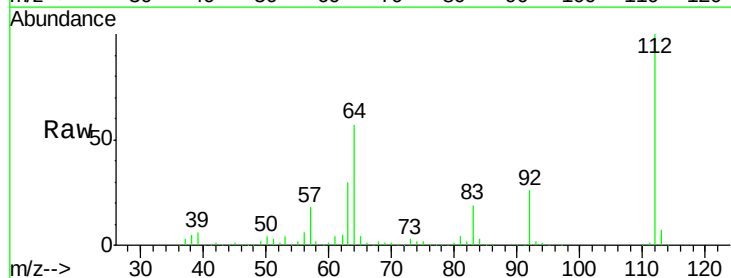
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



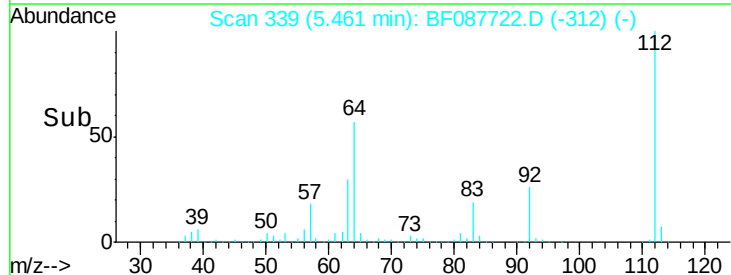
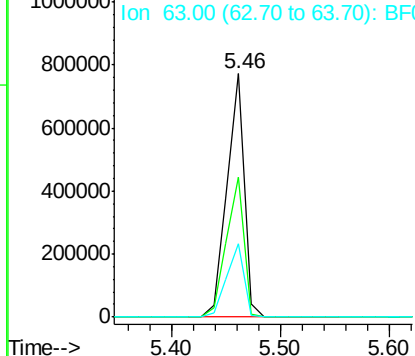
#5

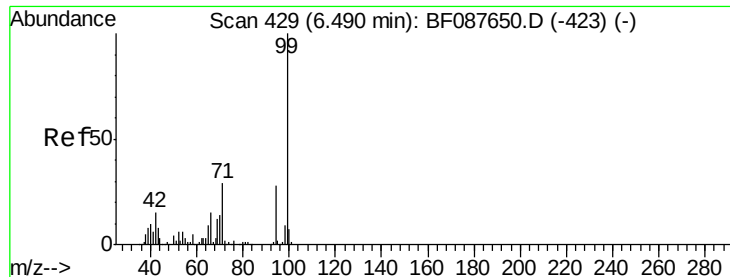
2-Fluorophenol
Concen: 117.72 ng
RT: 5.46 min Scan# 339
Delta R.T. 0.01 min
Lab File: BF087722.D
Acq: 5 Jun 2016 22:22

Tgt Ion:112 Resp: 843765
Ion Ratio Lower Upper
112 100
64 57.3 42.2 63.2
63 29.9 21.8 32.8



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: 115.11 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087722.D

Acq: 5 Jun 2016 22:22

Instrument :

BNA_F

ClientSampled :

SB-4

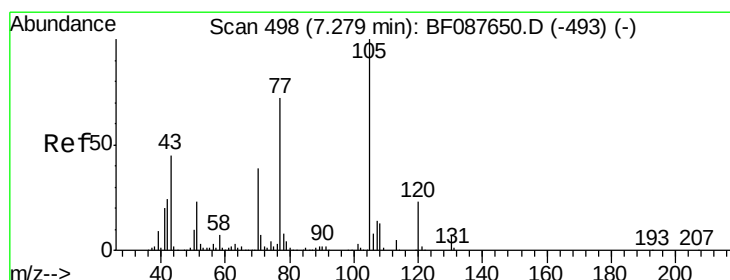
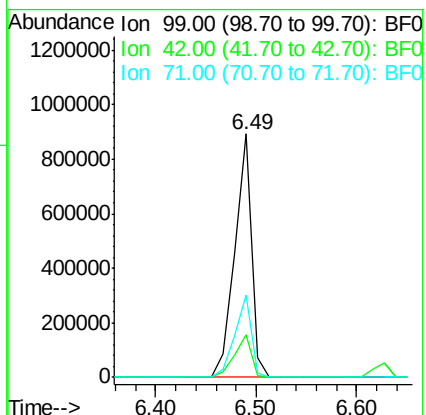
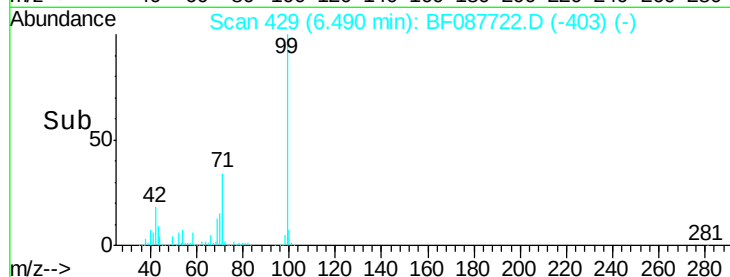
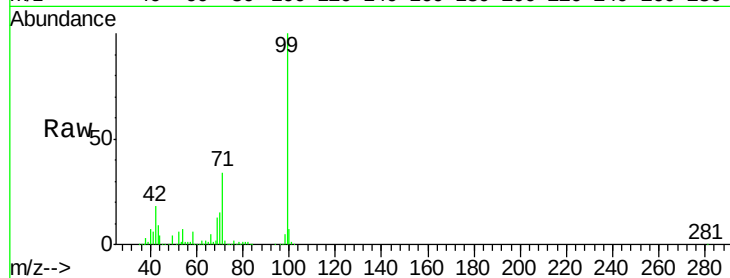
Tgt Ion: 99 Resp: 1034673

Ion Ratio Lower Upper

99 100

42 17.7 12.2 18.2

71 33.7 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 17.88 ng

RT: 7.43 min Scan# 511

Delta R.T. 0.15 min

Lab File: BF087722.D

Acq: 5 Jun 2016 22:22

Tgt Ion: 70 Resp: 100393

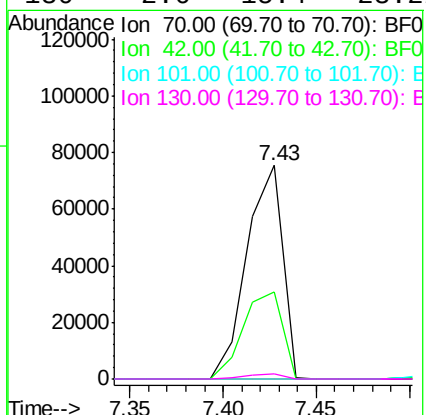
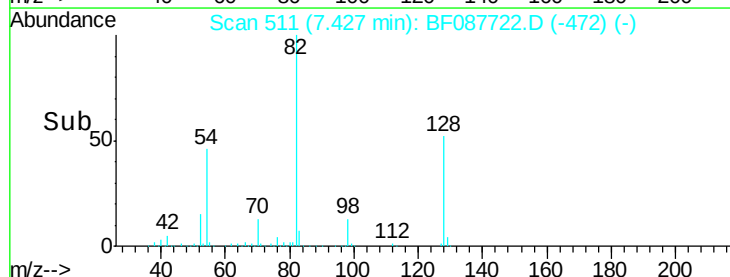
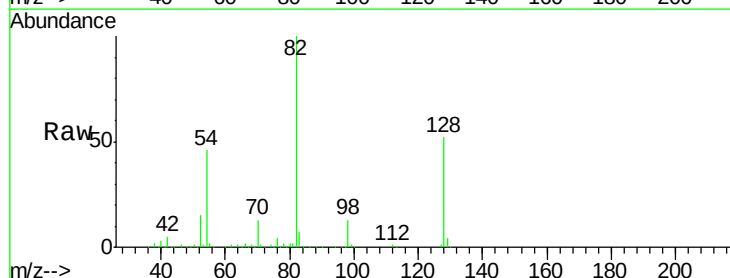
Ion Ratio Lower Upper

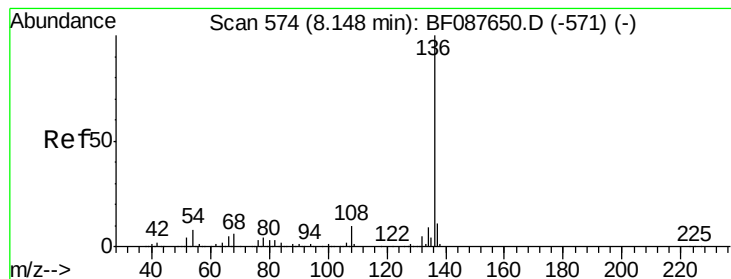
70 100

42 41.0 49.6 74.4#

101 0.0 7.1 10.7#

130 2.6 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF087722.D

Acq: 5 Jun 2016 22:22

Instrument :

BNA_F

ClientSampleId :

SB-4

Tgt Ion:136 Resp: 481695

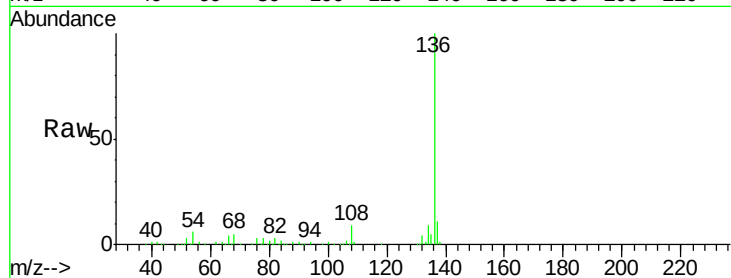
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 5.8 6.6 10.0#

68 4.8 5.1 7.7#

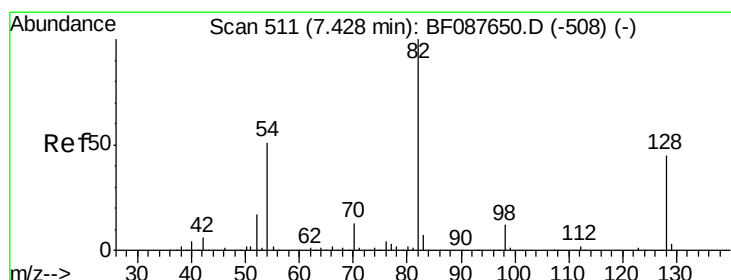
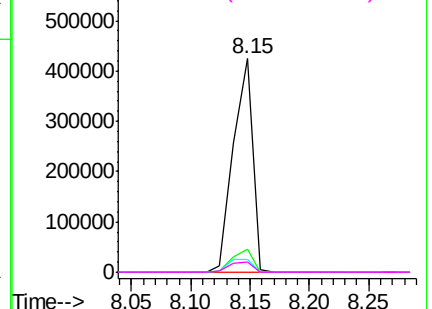
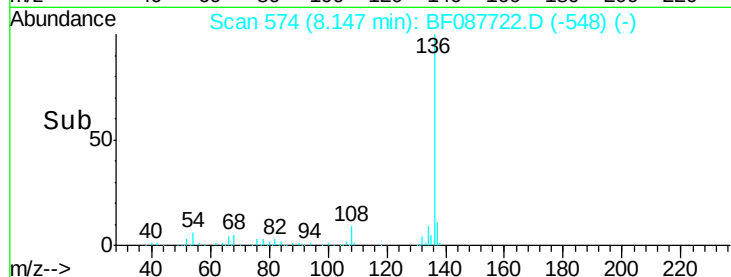


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.85 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF087722.D

Acq: 5 Jun 2016 22:22

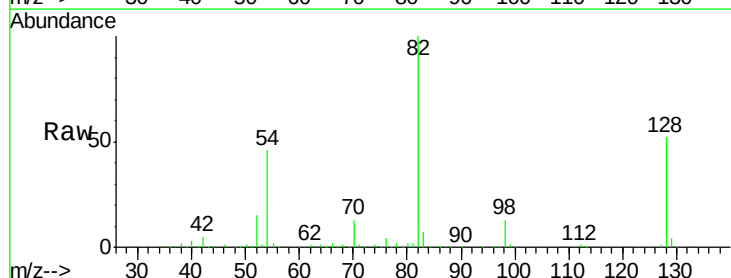
Tgt Ion: 82 Resp: 764740

Ion Ratio Lower Upper

82 100

128 52.5 35.9 53.9

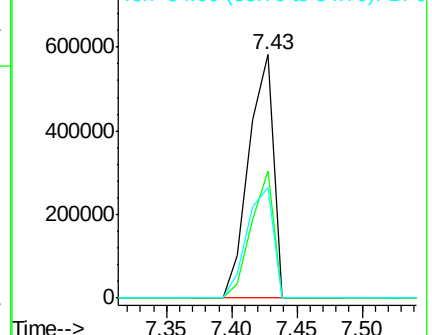
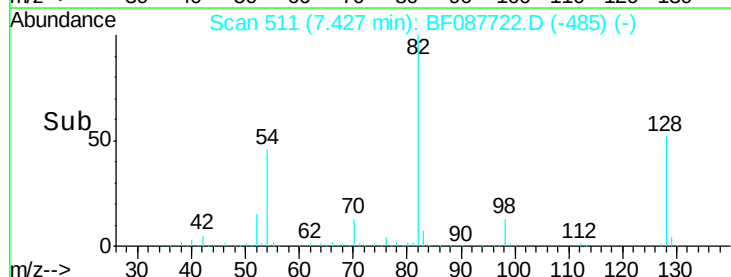
54 45.6 40.9 61.3

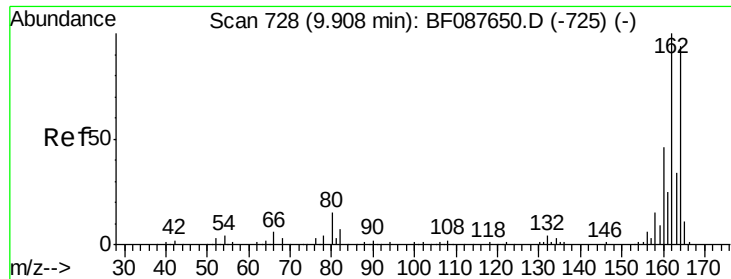


Abundance Ion 82.00 (81.70 to 82.70): BF0

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# 727

Delta R.T. -0.01 min

Lab File: BF087722.D

Acq: 5 Jun 2016 22:22

Instrument :

BNA_F

ClientSampleId :

SB-4

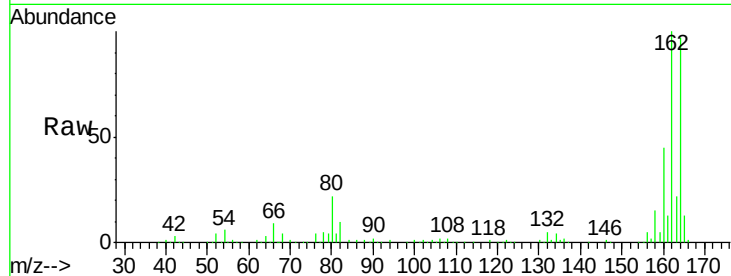
Tgt Ion:164 Resp: 221695

Ion Ratio Lower Upper

164 100

162 103.6 85.4 128.2

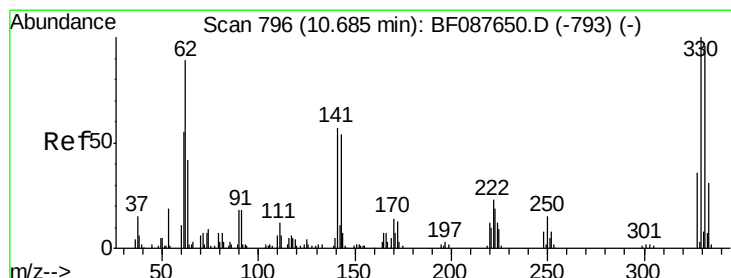
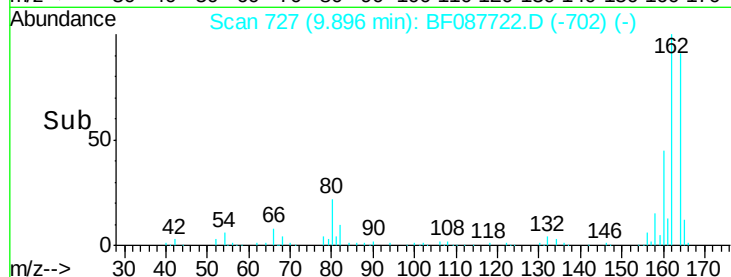
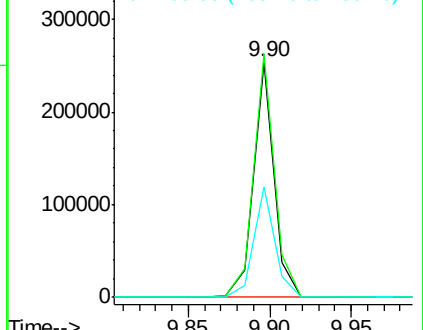
160 46.8 39.5 59.3



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: 112.88 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF087722.D

Acq: 5 Jun 2016 22:22

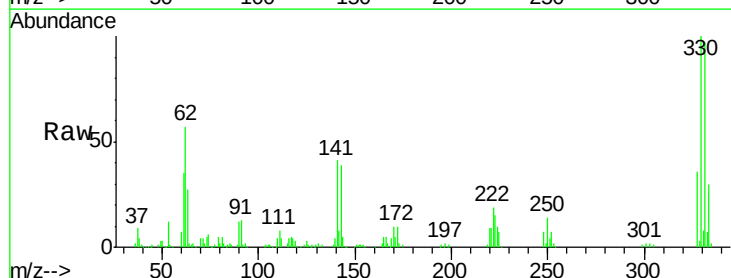
Tgt Ion:330 Resp: 251205

Ion Ratio Lower Upper

330 100

332 97.1 0.0 0.0#

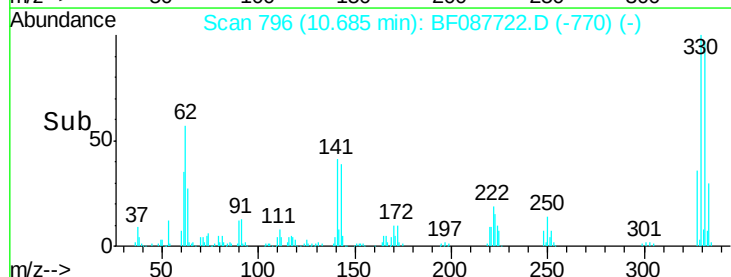
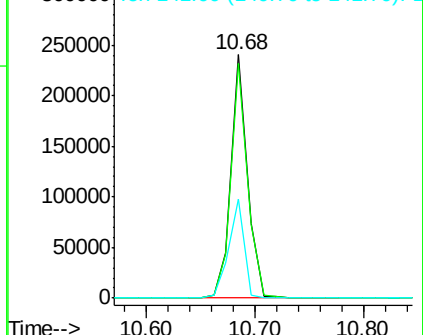
141 38.0 0.0 0.0#

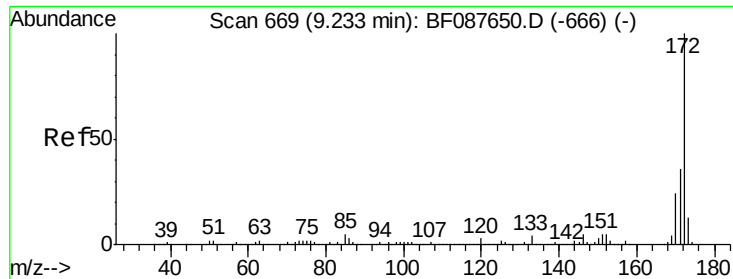


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

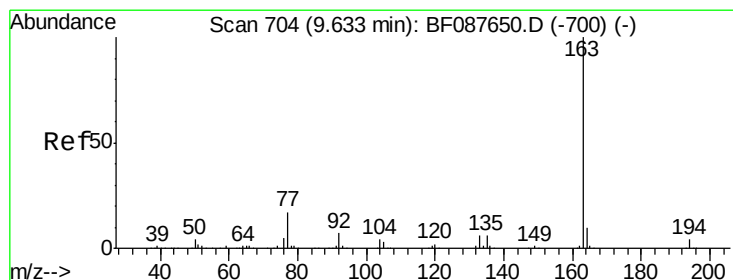
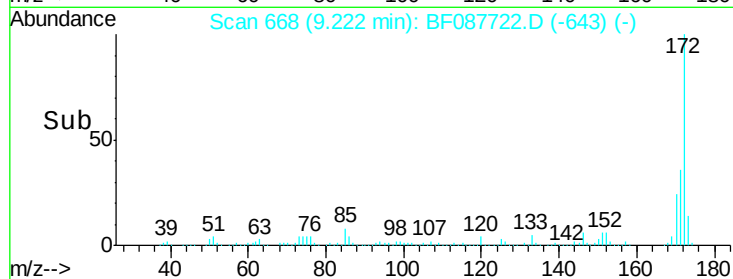
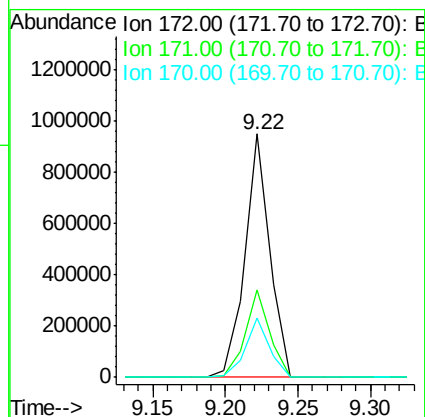
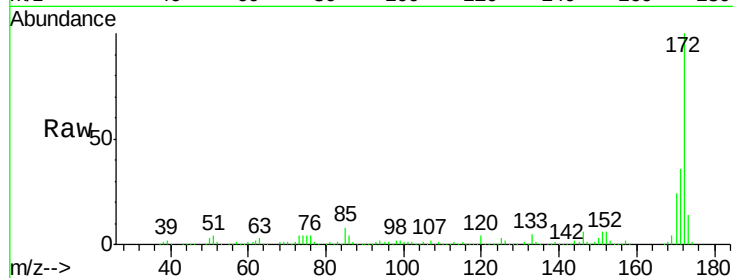




#44
 2-Fluorobiphenyl
 Concen: 74.48 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087722.D
 Acq: 5 Jun 2016 22:22

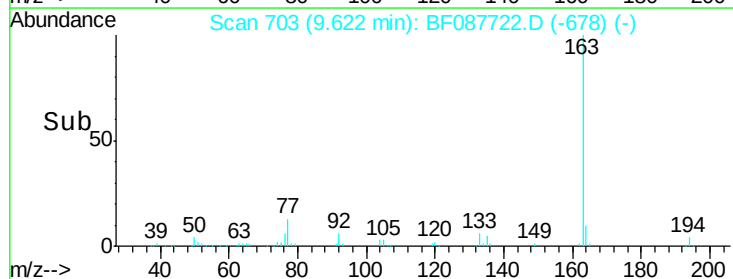
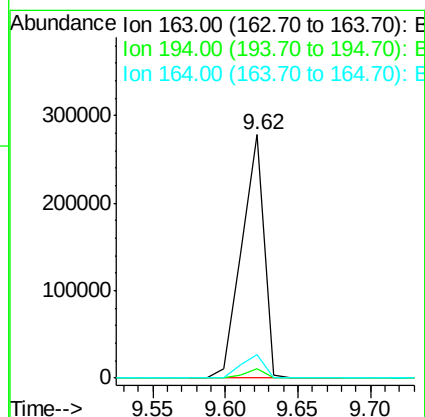
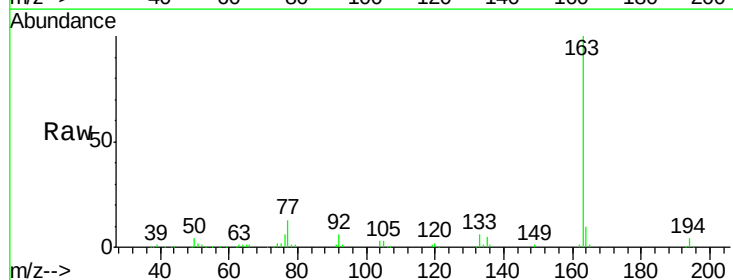
Instrument :
 BNA_F
 ClientSampleId :
 SB-4

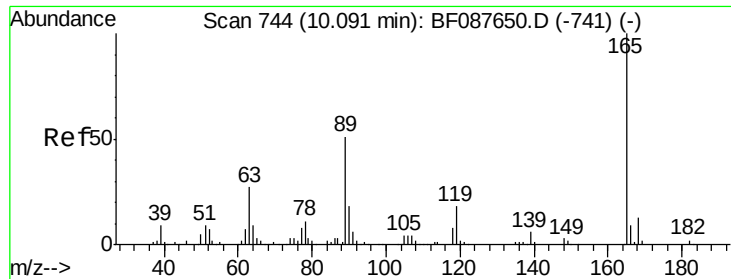
Tgt Ion:172 Resp: 1118975
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 24.4 19.2 28.8



#49
 Dimethylphthalate
 Concen: 18.50 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF087722.D
 Acq: 5 Jun 2016 22:22

Tgt Ion:163 Resp: 298204
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.8 4.2
 164 9.7 8.3 12.5

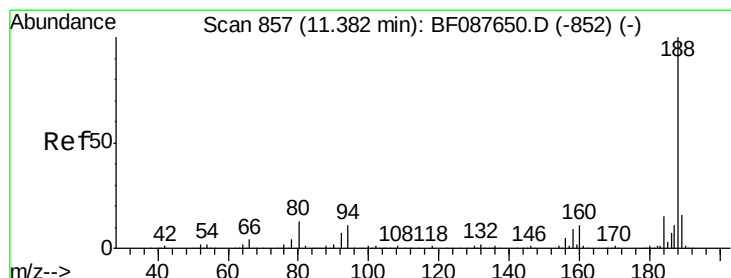
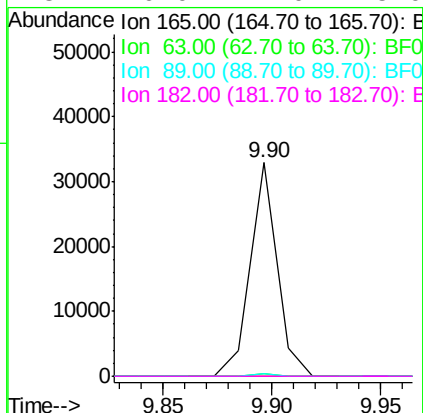
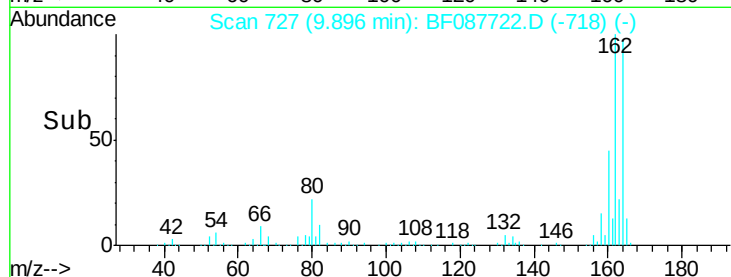
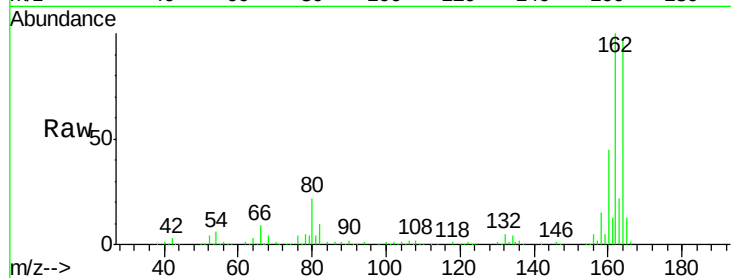




#56
 2,4-Dinitrotoluene
 Concen: 6.05 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.19 min
 Lab File: BF087722.D
 Acq: 5 Jun 2016 22:22

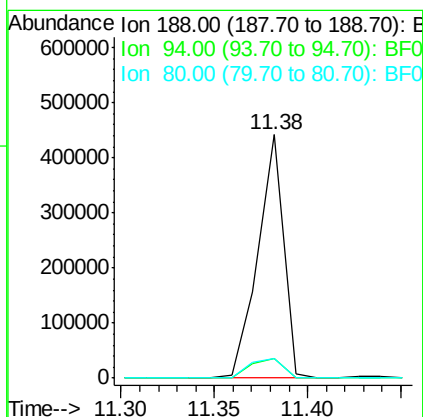
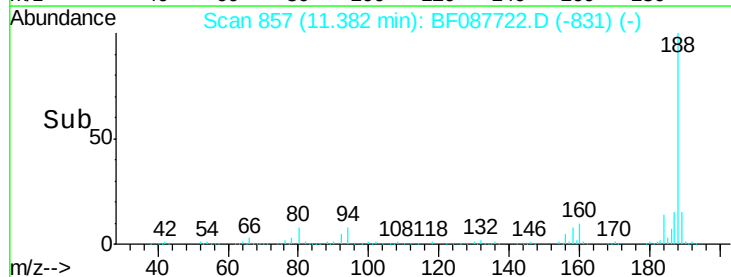
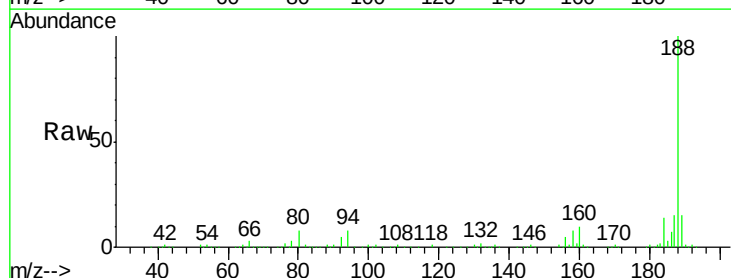
Instrument :
 BNA_F
 ClientSampleID :
 SB-4

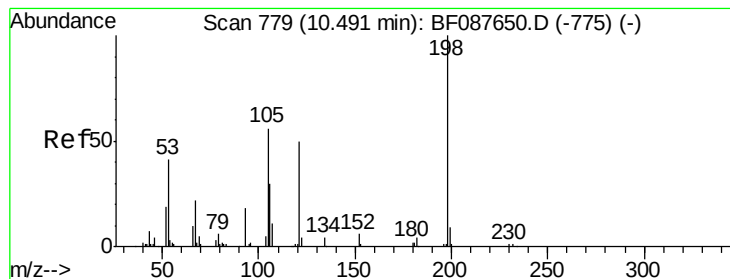
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	22.0	33.0#
89	1.1	41.1	61.7#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BF087722.D
 Acq: 5 Jun 2016 22:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	9.0	13.6#
80	8.0	10.0	15.0#





#64

4,6-Dinitro-2-methylphenol

Concen: 2.21 ng

RT: 10.68 min Scan# 796

Delta R.T. 0.19 min

Lab File: BF087722.D

Acq: 5 Jun 2016 22:22

Instrument :

BNA_F

ClientSampled :

SB-4

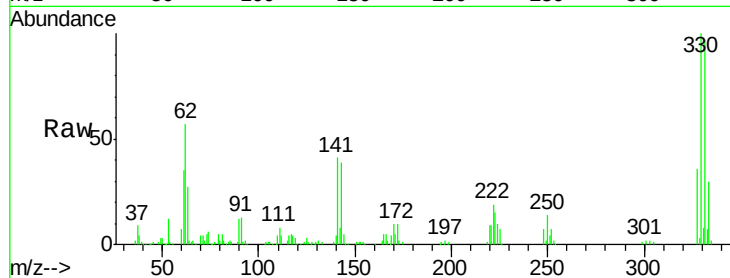
Tgt Ion:198 Resp: 468

Ion Ratio Lower Upper

198 100

51 154.5 39.6 79.6#

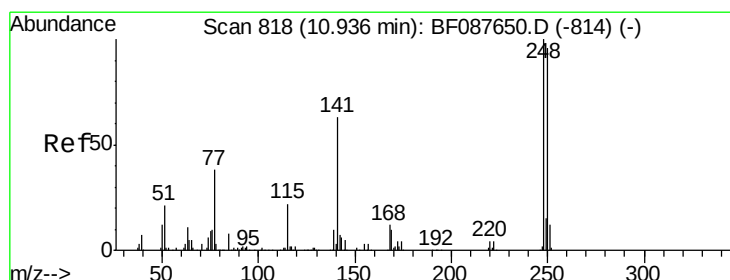
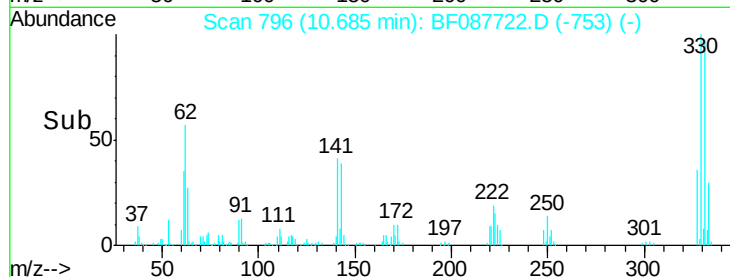
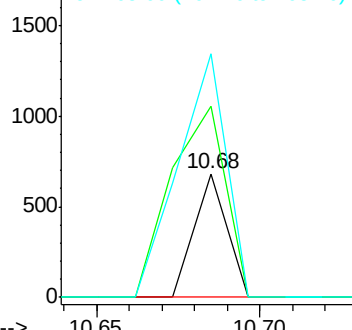
105 196.9 36.6 76.6#



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: 3.61 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.25 min

Lab File: BF087722.D

Acq: 5 Jun 2016 22:22

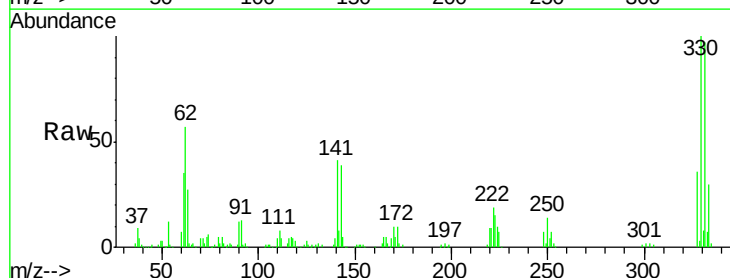
Tgt Ion:248 Resp: 15039

Ion Ratio Lower Upper

248 100

250 203.0 77.1 115.7#

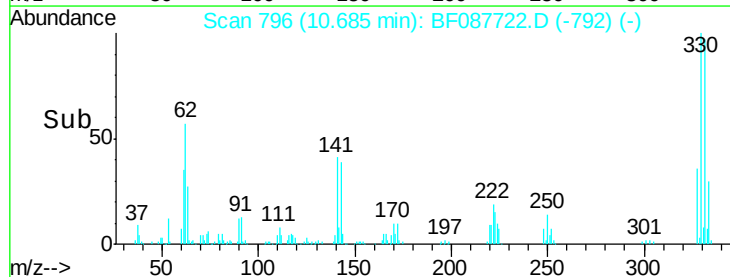
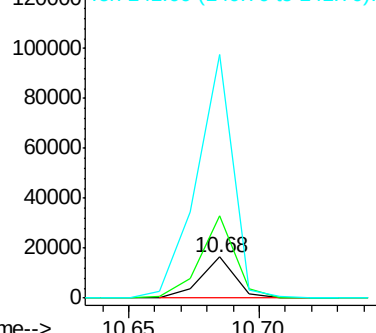
141 596.9 50.6 76.0#

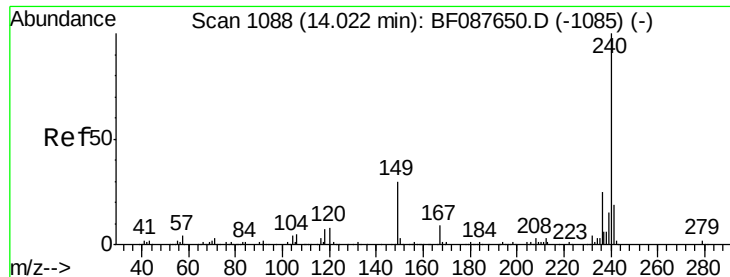


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.01 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF087722.D

Acq: 5 Jun 2016 22:22

Instrument :

BNA_F

ClientSampleId :

SB-4

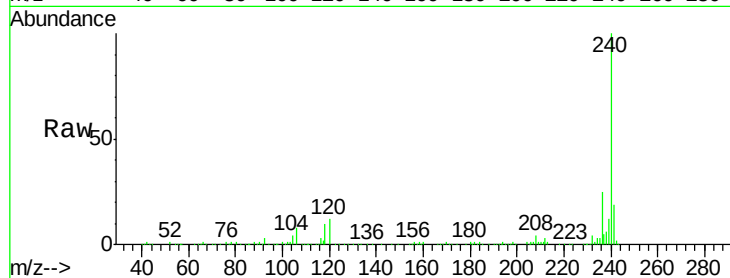
Tgt Ion:240 Resp: 313255

Ion Ratio Lower Upper

240 100

120 11.6 6.8 10.2#

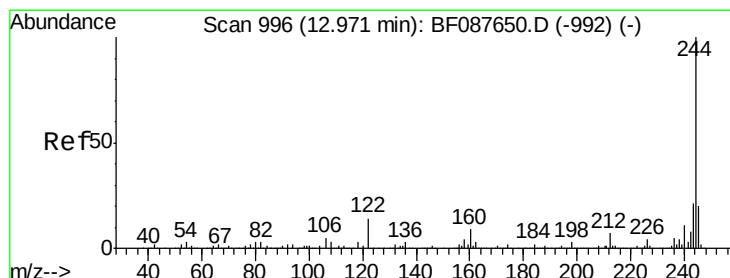
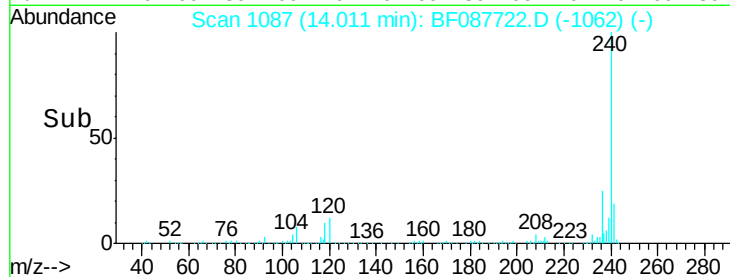
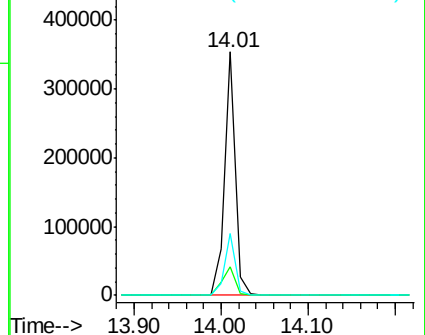
236 25.4 20.2 30.2



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: 76.34 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF087722.D

Acq: 5 Jun 2016 22:22

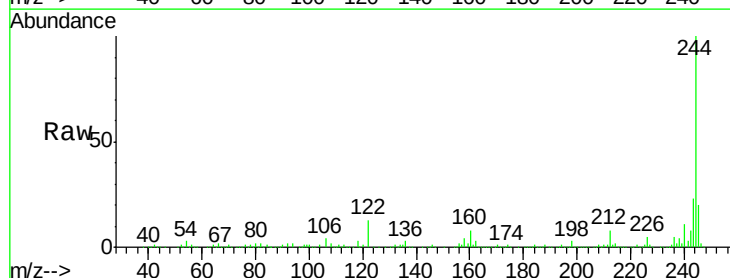
Tgt Ion:244 Resp: 980019

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

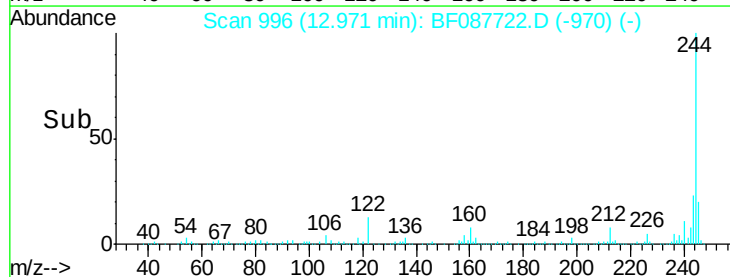
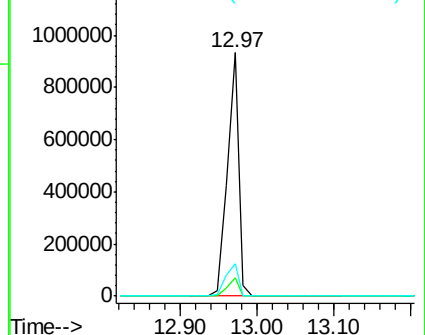
122 13.1 11.2 16.8

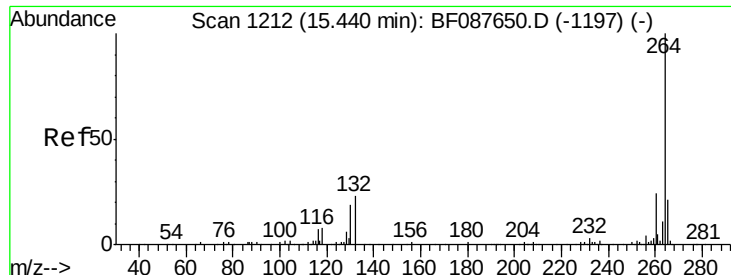


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

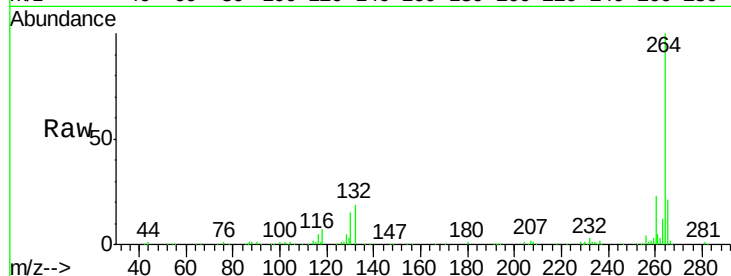




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF087722.D
Acq: 5 Jun 2016 22:22

Instrument :
BNA_F
ClientSampleId :
SB-4

Tgt Ion: 264 Resp: 239472
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.0 16.9 25.3



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

