

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
 Data File : BF087685.D
 Acq On : 5 Jun 2016 3:09
 Operator : UM/SJ
 Sample : H3383-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL-5BGL

Quant Time: Jun 05 04:42:11 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

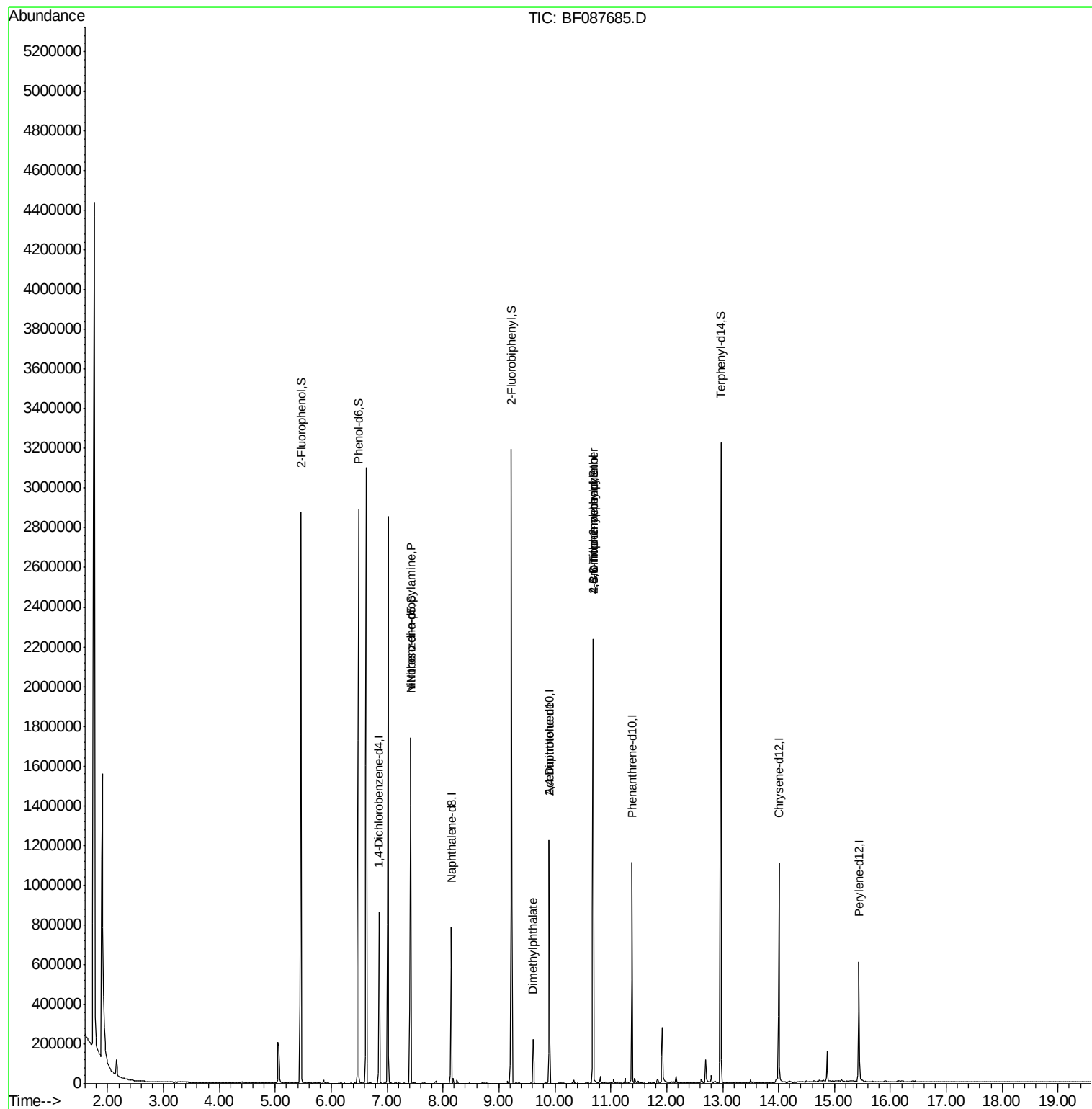
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	121824	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	497853	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	232686	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	457758	20.00	ng	0.00
75) Chrysene-d12	14.01	240	369696	20.00	ng	-0.01
86) Perylene-d12	15.44	264	280284	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1005050	133.35	ng	0.01
7) Phenol-d6	6.49	99	1317837	139.42	ng	0.00
23) Nitrobenzene-d5	7.43	82	831775	96.66	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	298412	127.76	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1198420	76.59	ng	-0.01
78) Terphenyl-d14	12.97	244	1100885	72.66	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	108613	18.40	ng	# 71
49) Dimethylphthalate	9.61	163	108415	6.41	ng	99
56) 2,4-Dinitrotoluene	9.90	165	30024	6.13	ng	# 38
64) 4,6-Dinitro-2-methylphenol	10.69	198	484	2.20	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	18050	3.98	ng	# 1

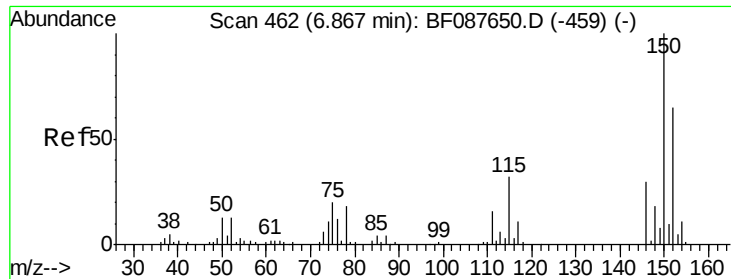
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087685.D

Acq: 5 Jun 2016 3:09

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL-5BGL

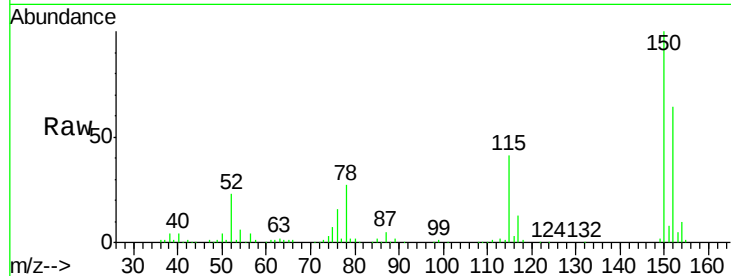
Tgt Ion:152 Resp: 121824

Ion Ratio Lower Upper

152 100

150 156.8 123.8 185.6

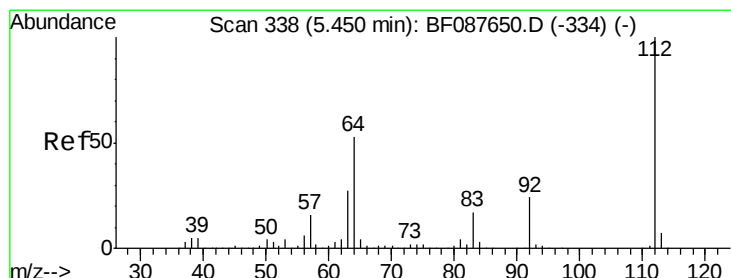
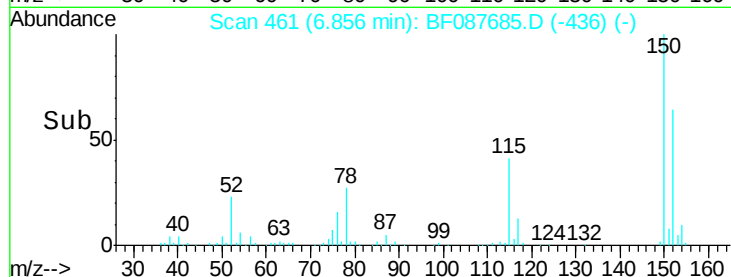
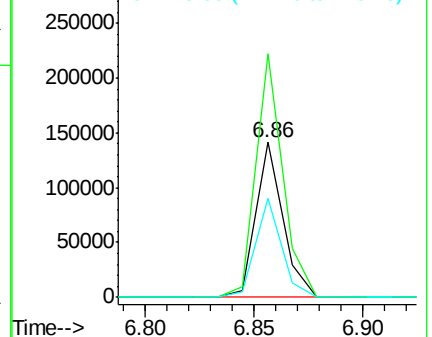
115 64.1 39.6 59.4#



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: 133.35 ng

RT: 5.46 min Scan# 339

Delta R.T. 0.01 min

Lab File: BF087685.D

Acq: 5 Jun 2016 3:09

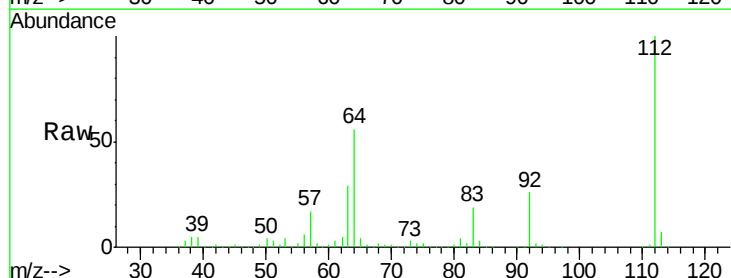
Tgt Ion:112 Resp: 1005050

Ion Ratio Lower Upper

112 100

64 56.0 42.2 63.2

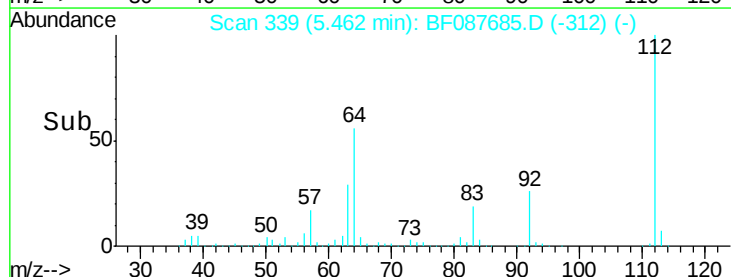
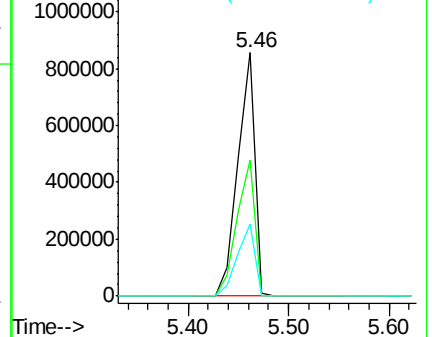
63 29.4 21.8 32.8

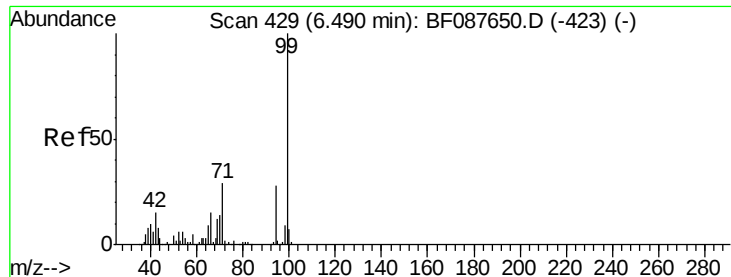


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 139.42 ng

RT: 6.49 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF087685.D

Acq: 5 Jun 2016 3:09

Instrument :

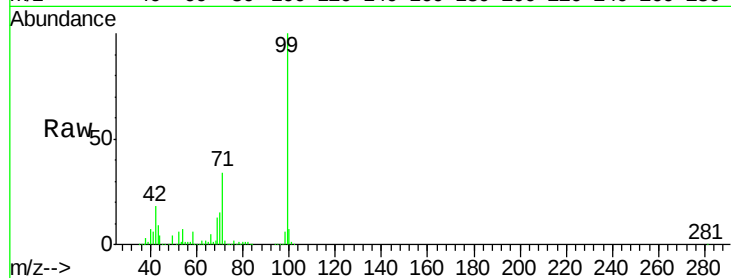
BNA_F

ClientSampleId :

SOUTH-WALL-5BGL

Tgt Ion: 99 Resp: 1317837

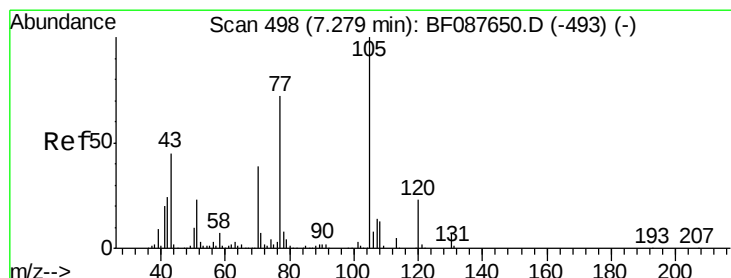
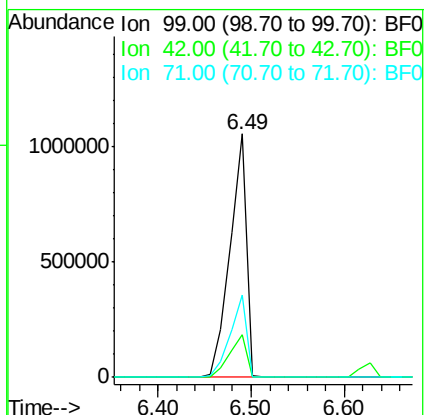
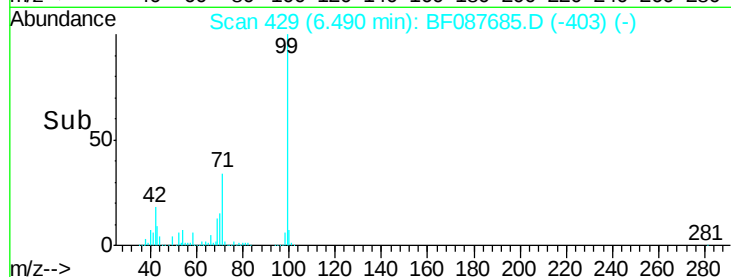
Ion	Ratio	Lower	Upper
99	100		
42	17.5	12.2	18.2
71	34.1	23.4	35.0



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: 18.40 ng

RT: 7.43 min Scan# 511

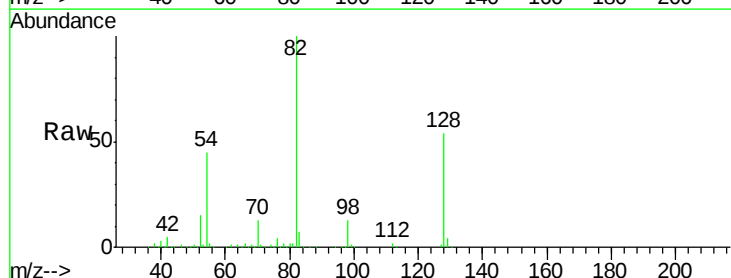
Delta R.T. 0.15 min

Lab File: BF087685.D

Acq: 5 Jun 2016 3:09

Tgt Ion: 70 Resp: 108613

Ion	Ratio	Lower	Upper
70	100		
42	40.9	49.6	74.4#
101	0.0	7.1	10.7#
130	2.9	15.4	23.2#

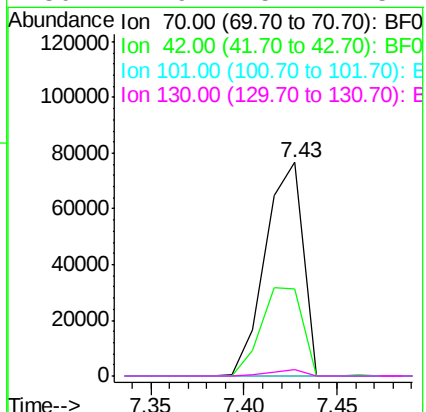
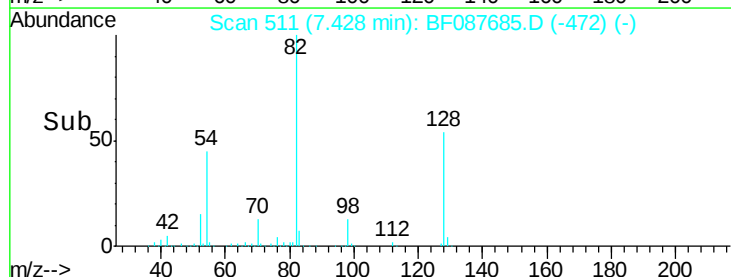


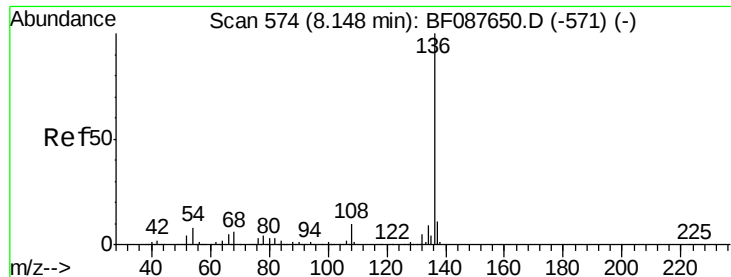
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF087685.D

Acq: 5 Jun 2016 3:09

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL-5BGL

Tgt Ion: 136 Resp: 497853

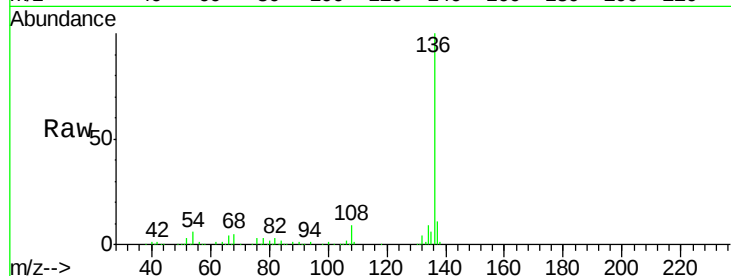
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.6 6.6 10.0#

68 4.7 5.1 7.7#

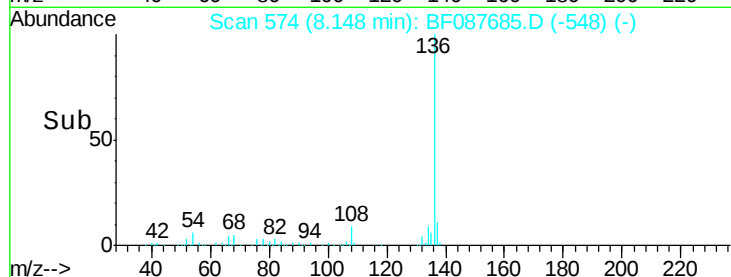


Abundance Ion 136.00 (135.70 to 136.70): E

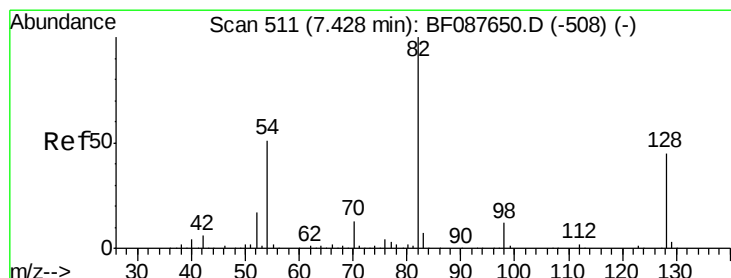
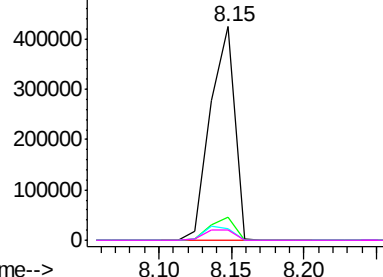
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 96.66 ng

RT: 7.43 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF087685.D

Acq: 5 Jun 2016 3:09

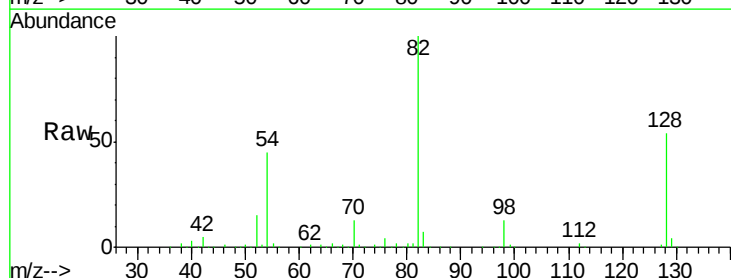
Tgt Ion: 82 Resp: 831775

Ion Ratio Lower Upper

82 100

128 54.2 35.9 53.9#

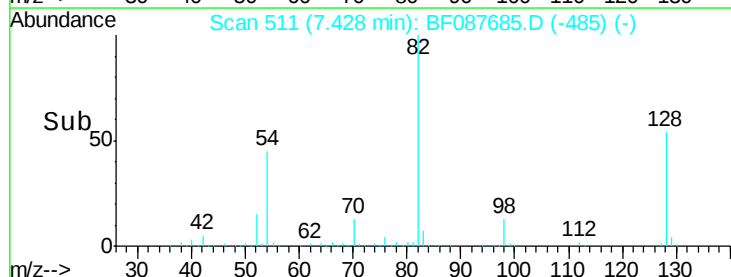
54 44.9 40.9 61.3



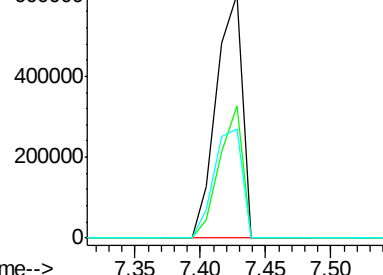
Abundance Ion 82.00 (81.70 to 82.70): BF0

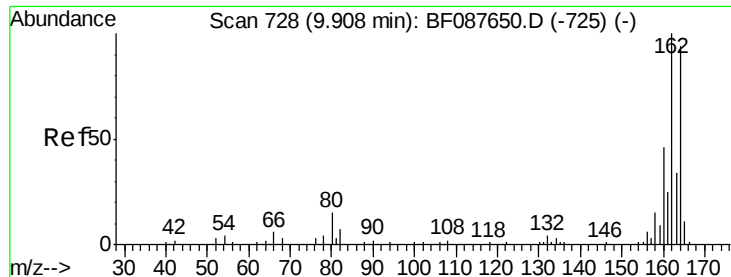
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

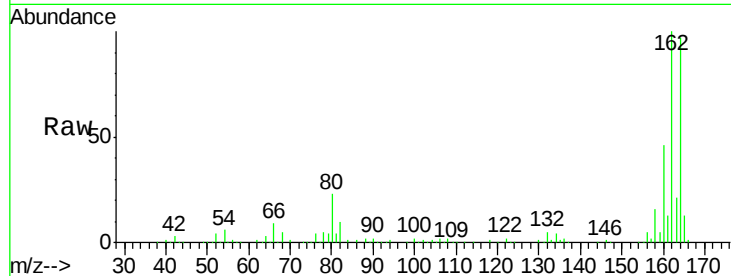




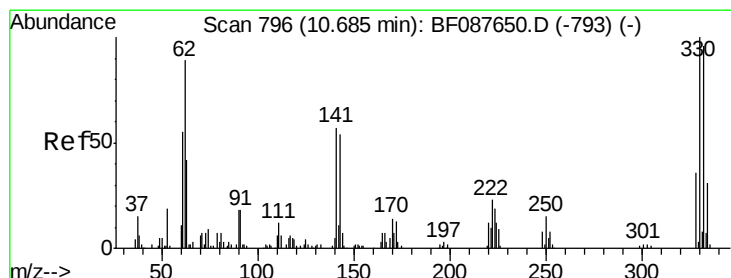
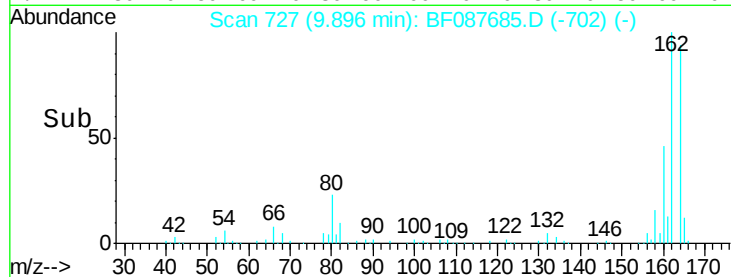
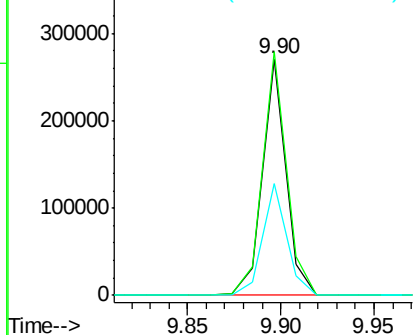
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: BF087685.D
 Acq: 5 Jun 2016 3:09

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL-5BGL

Tgt Ion:164 Resp: 232686
 Ion Ratio Lower Upper
 164 100
 162 103.0 85.4 128.2
 160 47.2 39.5 59.3

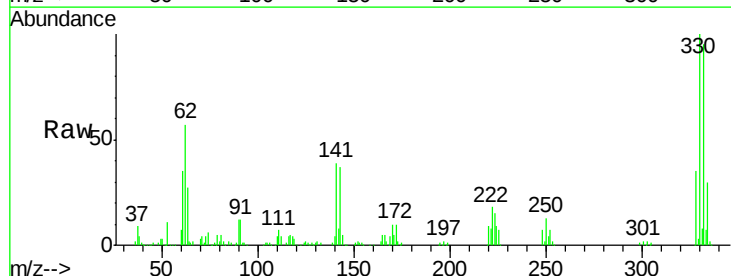


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

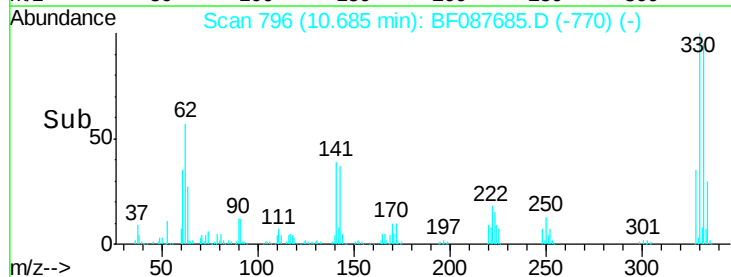
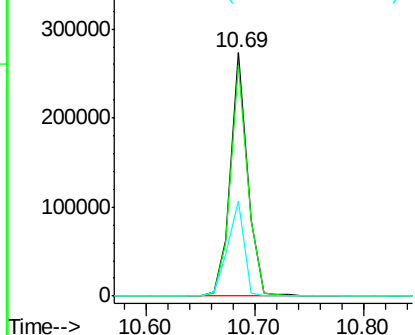


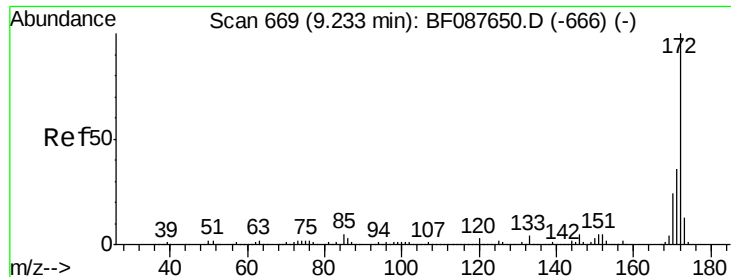
#41
 2,4,6-Tribromophenol
 Concen: 127.76 ng
 RT: 10.69 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF087685.D
 Acq: 5 Jun 2016 3:09

Tgt Ion:330 Resp: 298412
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 37.6 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

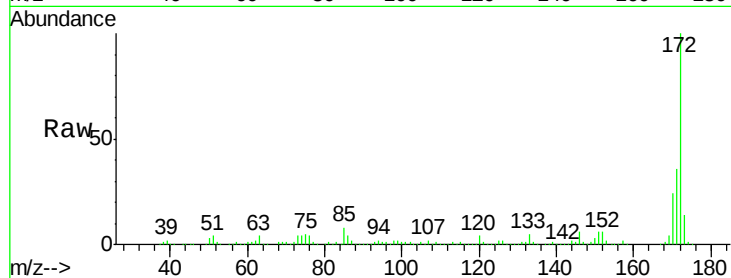




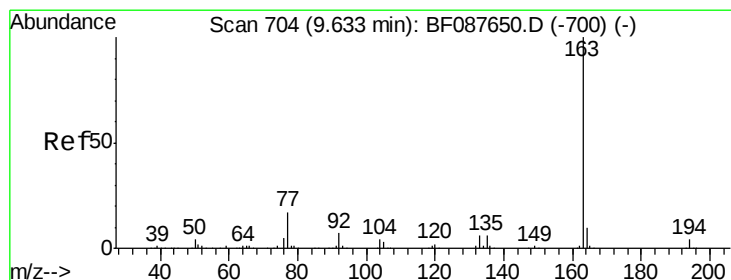
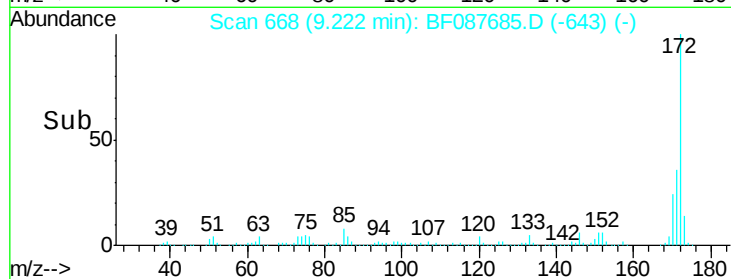
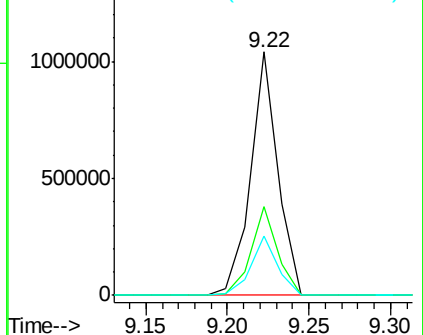
#44
 2-Fluorobiphenyl
 Concen: 76.59 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087685.D
 Acq: 5 Jun 2016 3:09

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL-5BGL

Tgt Ion:172 Resp: 1198420
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 24.3 19.2 28.8

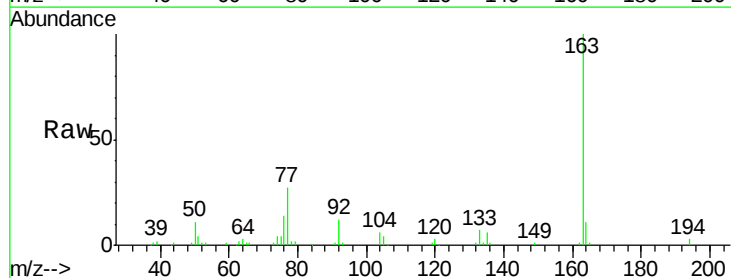


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

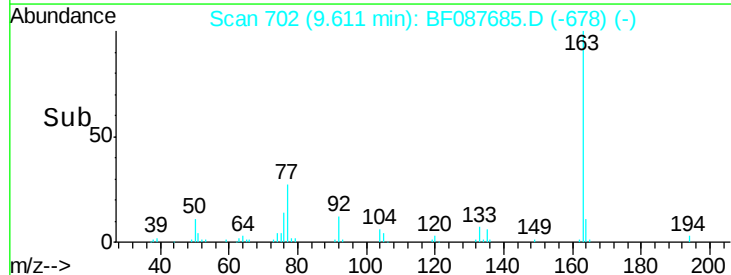
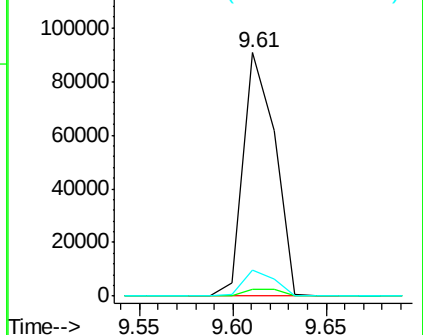


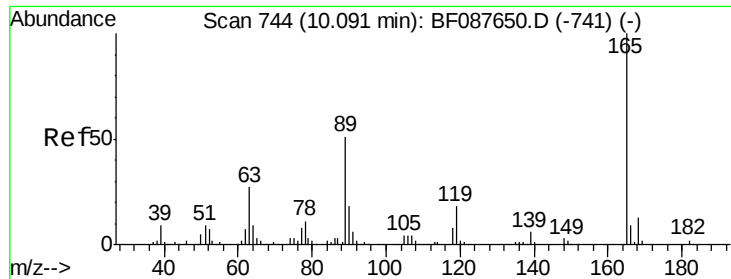
#49
 Dimethylphthalate
 Concen: 6.41 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF087685.D
 Acq: 5 Jun 2016 3:09

Tgt Ion:163 Resp: 108415
 Ion Ratio Lower Upper
 163 100
 194 2.9 2.8 4.2
 164 10.6 8.3 12.5



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

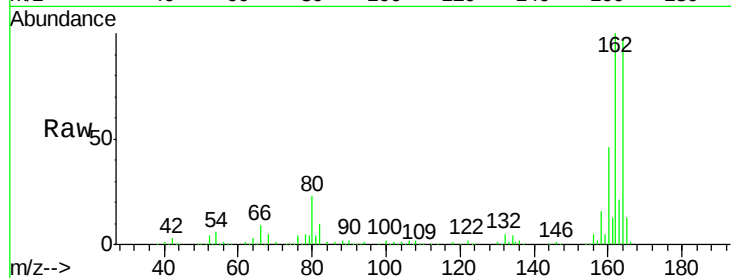




#56
 2,4-Dinitrotoluene
 Concen: 6.13 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.19 min
 Lab File: BF087685.D
 Acq: 5 Jun 2016 3:09

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL-5BGL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	22.0	33.0#
89	1.4	41.1	61.7#
182	0.0	2.0	3.0#

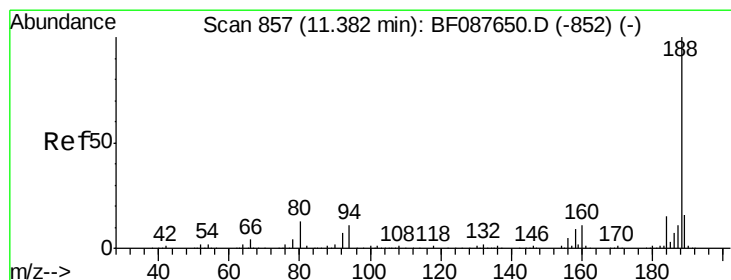
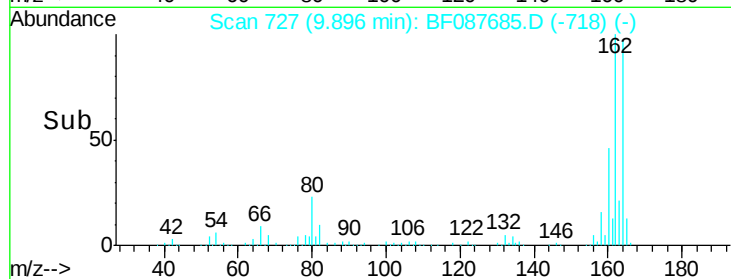
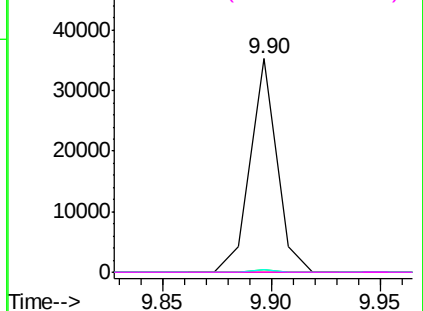


Abundance Ion 165.00 (164.70 to 165.70): E

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



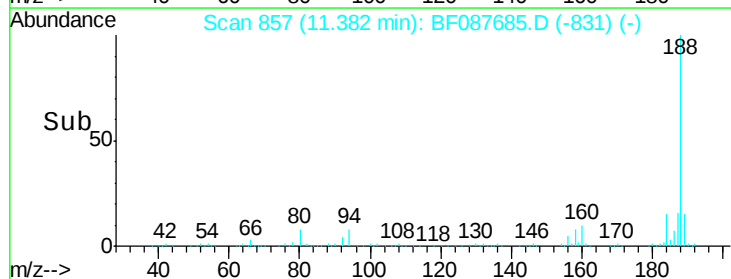
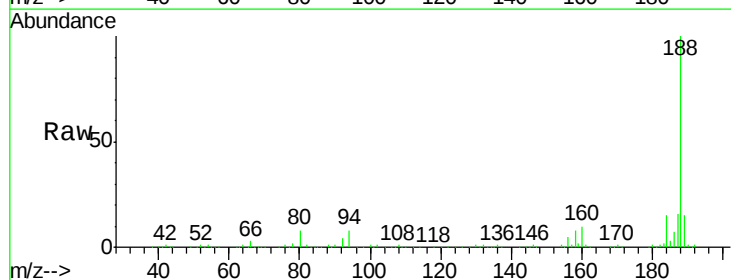
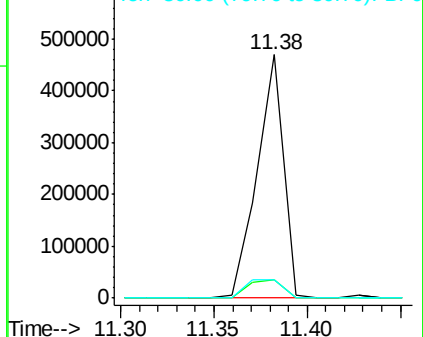
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF087685.D
 Acq: 5 Jun 2016 3:09

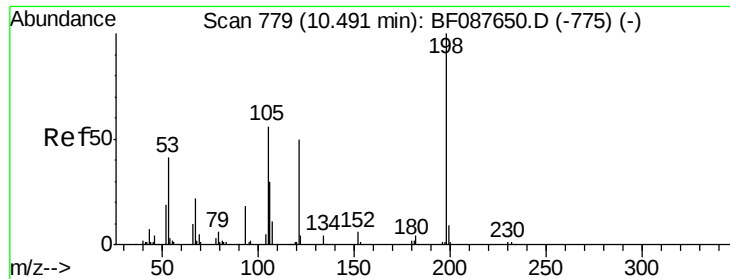
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	9.0	13.6#
80	7.8	10.0	15.0#

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

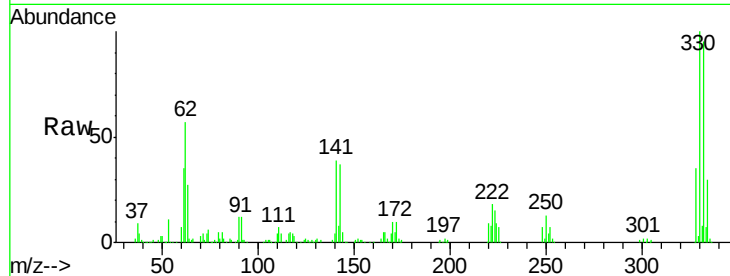




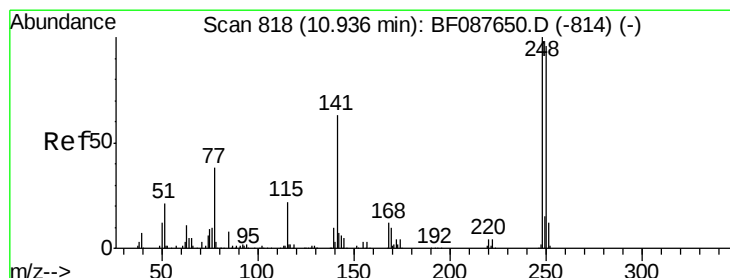
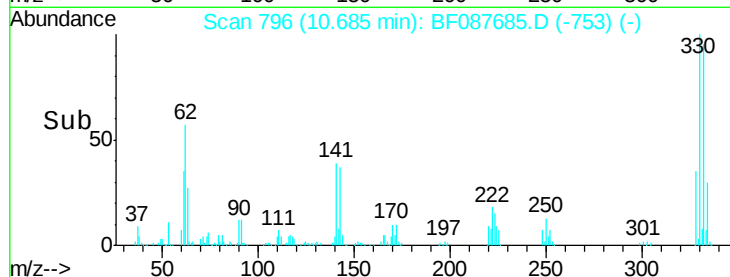
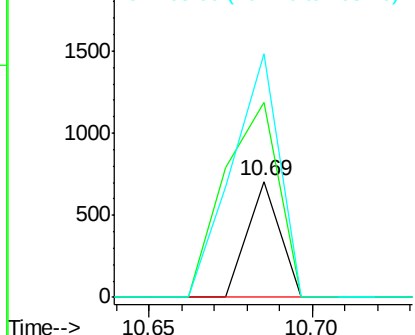
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.20 ng
 RT: 10.69 min Scan# 796
 Delta R.T. 0.20 min
 Lab File: BF087685.D
 Acq: 5 Jun 2016 3:09

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL-5BGL

Tgt Ion:198 Resp: 484
 Ion Ratio Lower Upper
 198 100
 51 168.4 39.6 79.6#
 105 210.1 36.6 76.6#

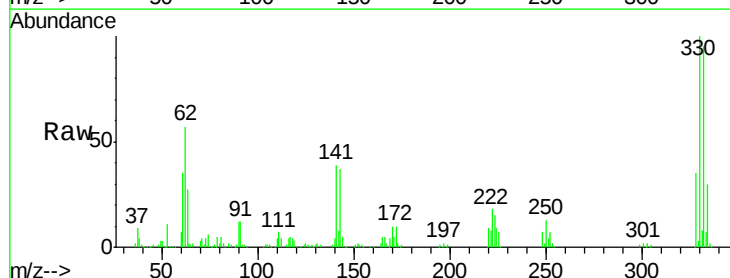


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

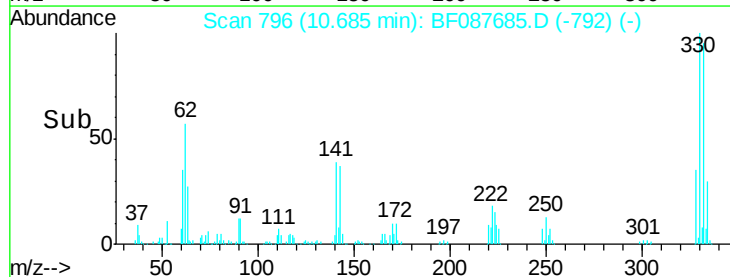
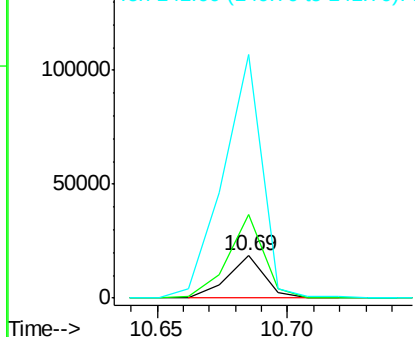


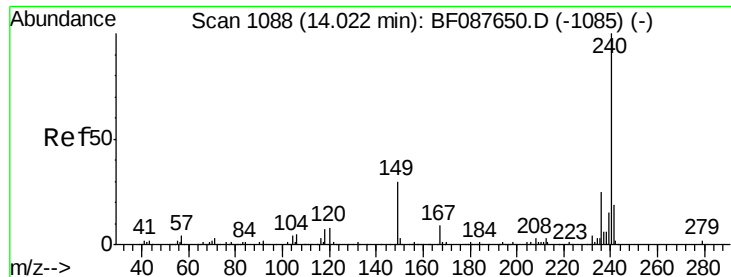
#66
 4-Bromophenyl-phenylether
 Concen: 3.98 ng
 RT: 10.69 min Scan# 796
 Delta R.T. -0.25 min
 Lab File: BF087685.D
 Acq: 5 Jun 2016 3:09

Tgt Ion:248 Resp: 18050
 Ion Ratio Lower Upper
 248 100
 250 197.7 77.1 115.7#
 141 579.0 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: BF087685.D

Acq: 5 Jun 2016 3:09

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL-5BGL

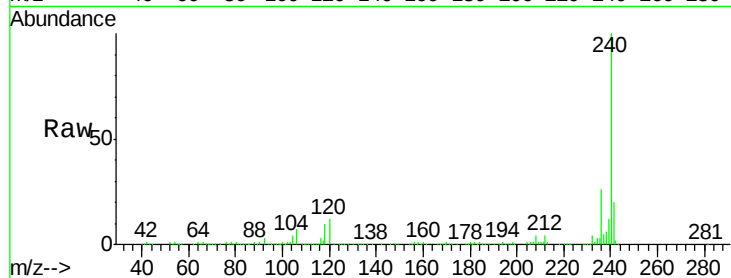
Tgt Ion:240 Resp: 369696

Ion Ratio Lower Upper

240 100

120 11.9 6.8 10.2#

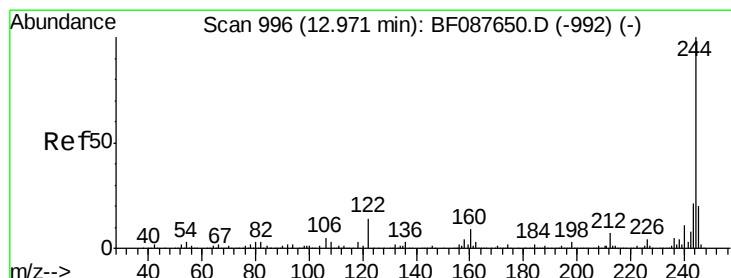
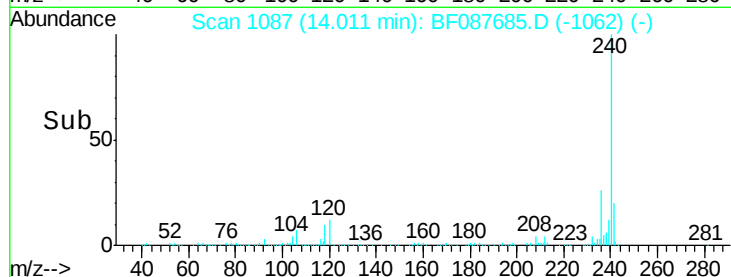
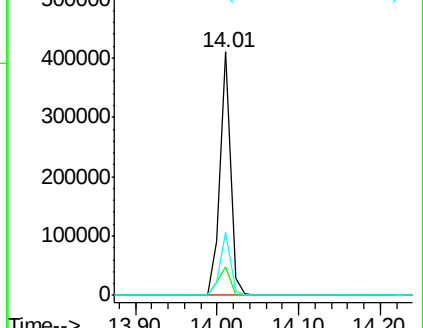
236 26.1 20.2 30.2



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: 72.66 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF087685.D

Acq: 5 Jun 2016 3:09

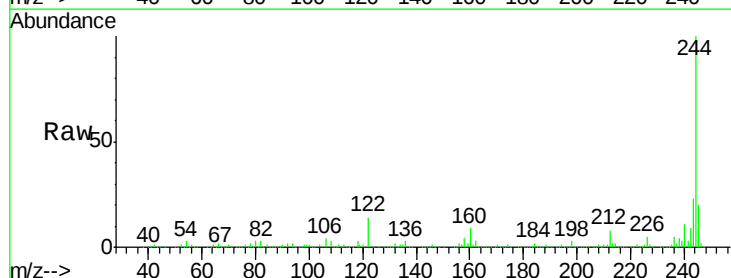
Tgt Ion:244 Resp: 1100885

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

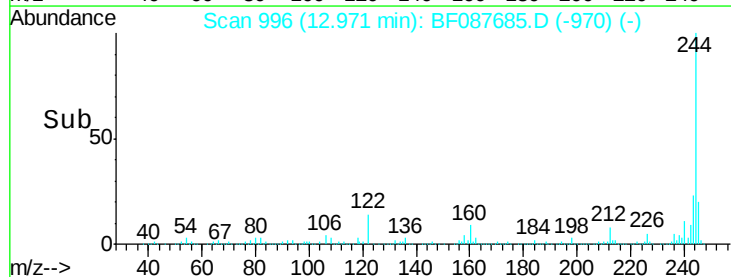
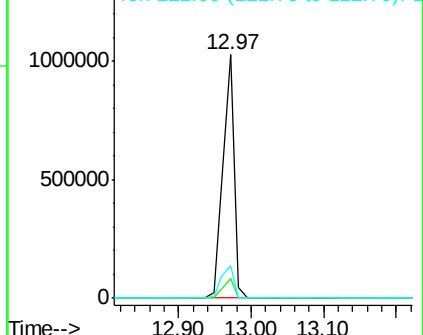
122 13.5 11.2 16.8

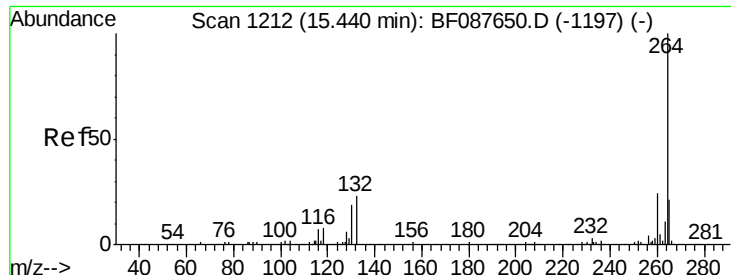


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF087685.D
Acq: 5 Jun 2016 3:09

Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL-5BGL

Tgt Ion: 264 Resp: 280284
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.2 16.9 25.3

