

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060516\
 Data File : BF087717.D
 Acq On : 5 Jun 2016 19:51
 Operator : UM/SJ
 Sample : H3379-01
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Quant Time: Jun 06 03:10:03 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

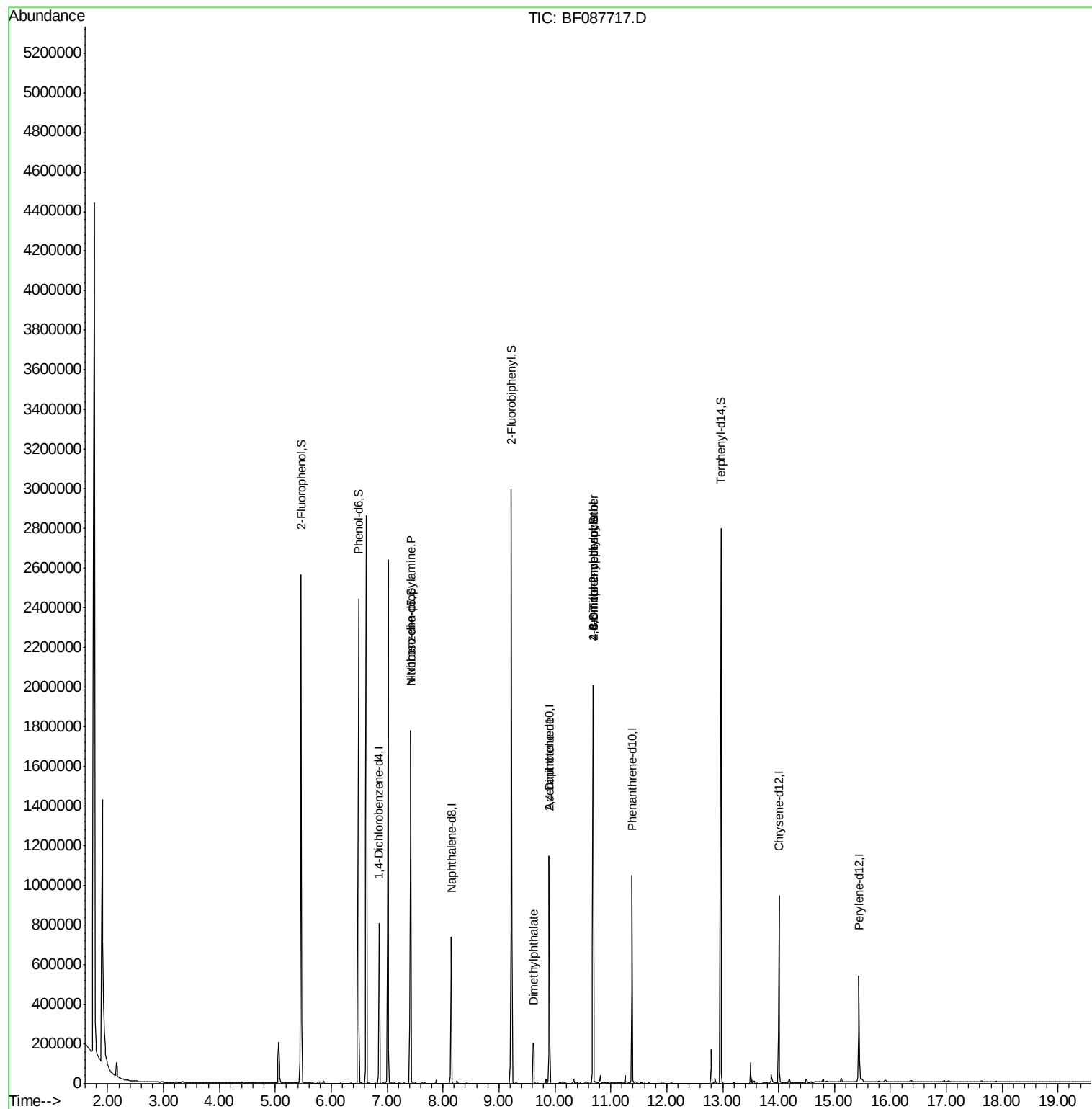
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	116795	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	476941	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	221543	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	425065	20.00	ng	0.00
75) Chrysene-d12	14.01	240	319060	20.00	ng	-0.01
86) Perylene-d12	15.44	264	242233	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	855317	118.37	ng	0.01
7) Phenol-d6	6.49	99	1049845	115.85	ng	0.00
23) Nitrobenzene-d5	7.43	82	794592	96.39	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	266080	119.65	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1090878	72.01	ng	-0.01
78) Terphenyl-d14	12.97	244	955462	73.07	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	104836	18.52	ng	# 71
49) Dimethylphthalate	9.62	163	125599	7.80	ng	98
56) 2,4-Dinitrotoluene	9.90	165	28481	6.10	ng	# 38
64) 4,6-Dinitro-2-methylphenol	10.68	198	409	2.18	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	15810	3.75	ng	# 1

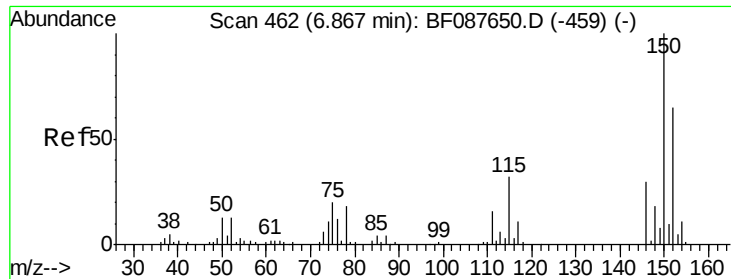
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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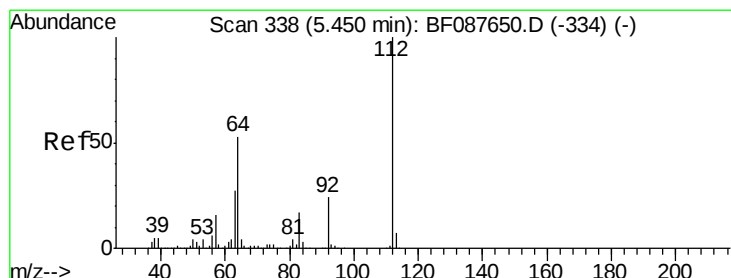
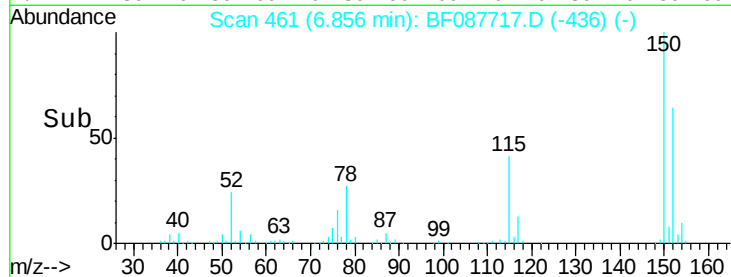
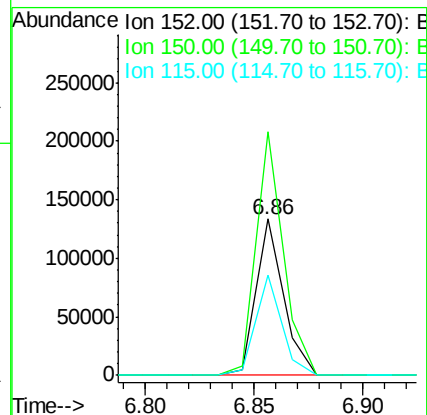
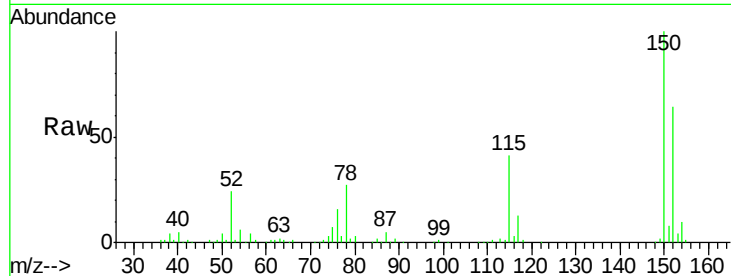


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF087717.D
Acq: 5 Jun 2016 19:51

Instrument :
BNA_F
ClientSampleId :
SB-1

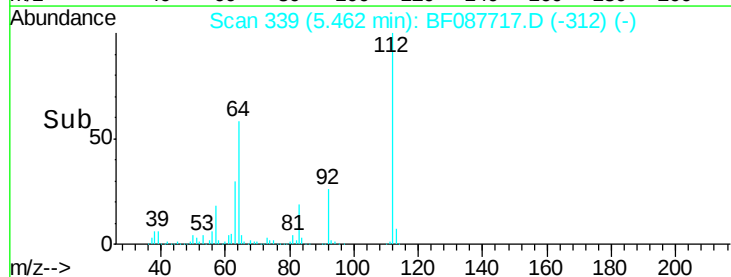
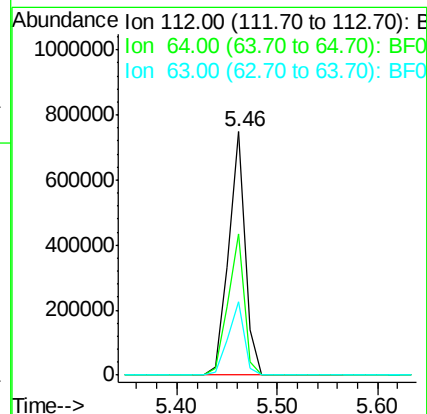
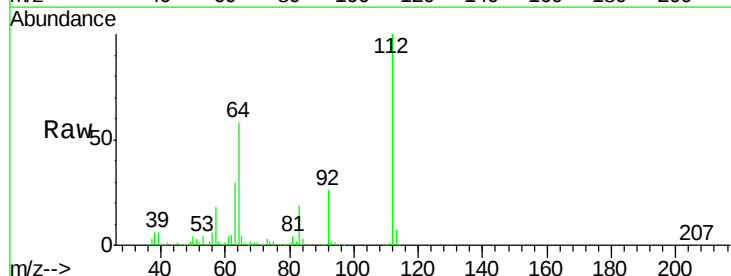
Tgt Ion:152 Resp: 116795
Ion Ratio Lower Upper
152 100
150 155.8 123.8 185.6
115 63.9 39.6 59.4#

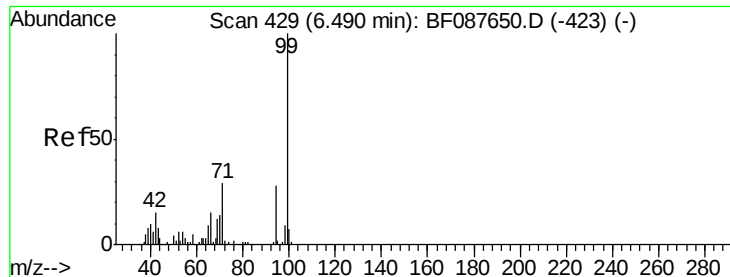


#5

2-Fluorophenol
Concen: 118.37 ng
RT: 5.46 min Scan# 339
Delta R.T. 0.01 min
Lab File: BF087717.D
Acq: 5 Jun 2016 19:51

Tgt Ion:112 Resp: 855317
Ion Ratio Lower Upper
112 100
64 57.8 42.2 63.2
63 30.1 21.8 32.8





#7

Phenol-d6

Concen: 115.85 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087717.D

Acq: 5 Jun 2016 19:51

Instrument :

BNA_F

ClientSampleId :

SB-1

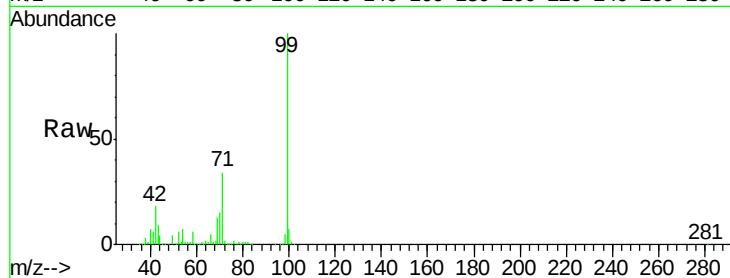
Tgt Ion: 99 Resp: 1049845

Ion Ratio Lower Upper

99 100

42 17.9 12.2 18.2

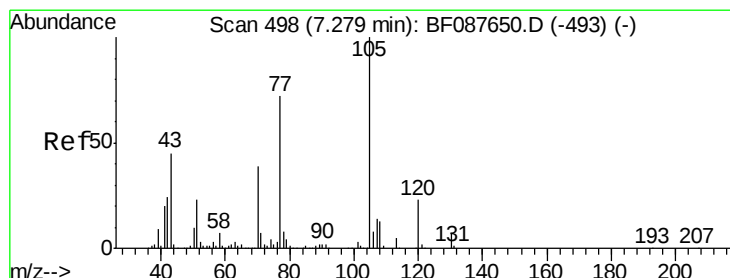
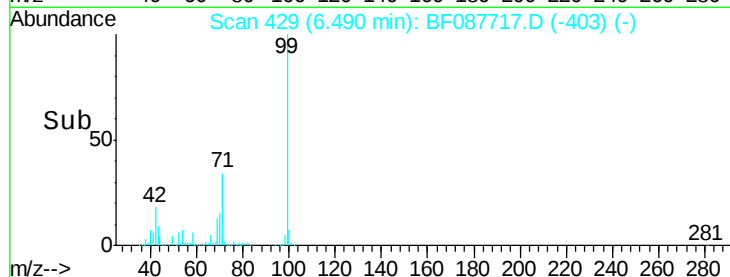
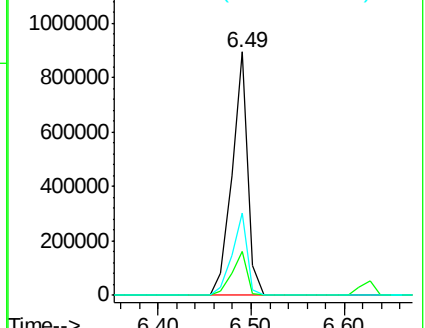
71 33.8 23.4 35.0



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: 18.52 ng

RT: 7.43 min Scan# 511

Delta R.T. 0.15 min

Lab File: BF087717.D

Acq: 5 Jun 2016 19:51

Tgt Ion: 70 Resp: 104836

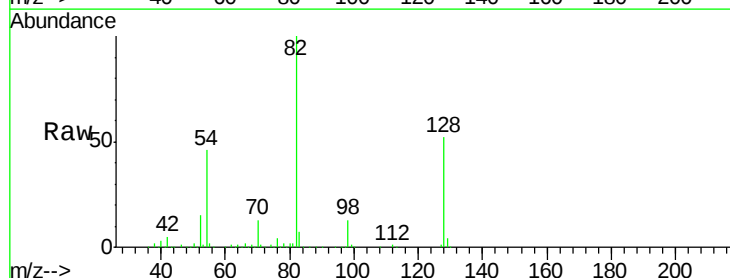
Ion Ratio Lower Upper

70 100

42 41.5 49.6 74.4#

101 0.0 7.1 10.7#

130 2.6 15.4 23.2#

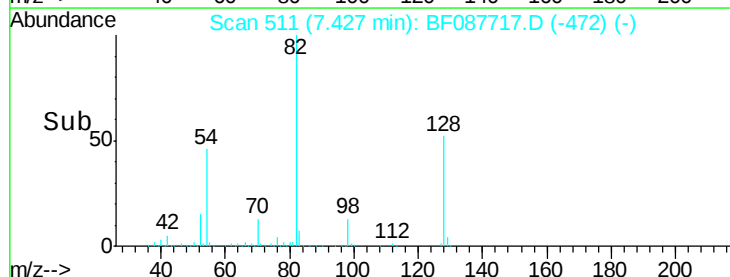
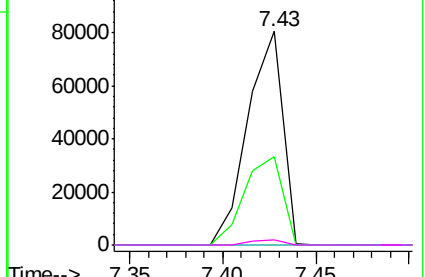


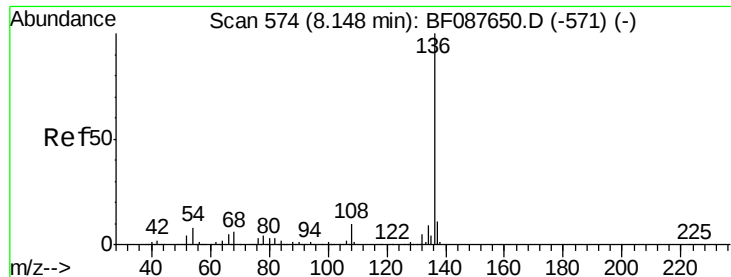
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

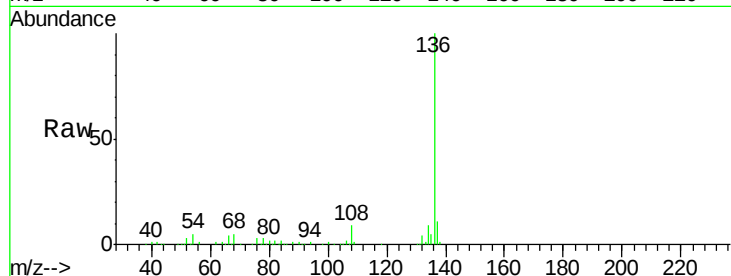




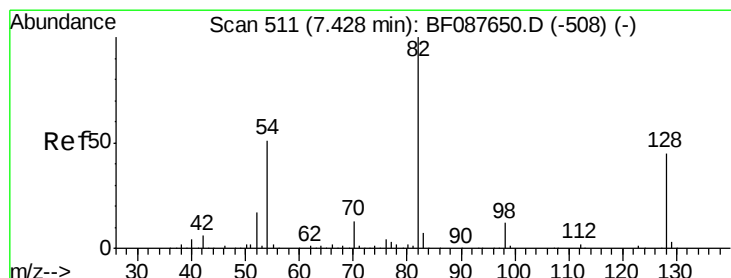
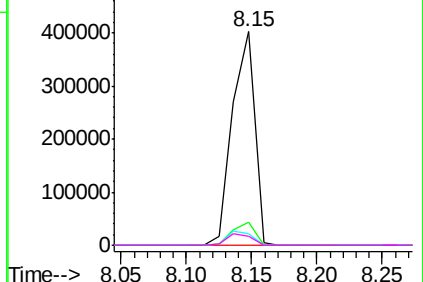
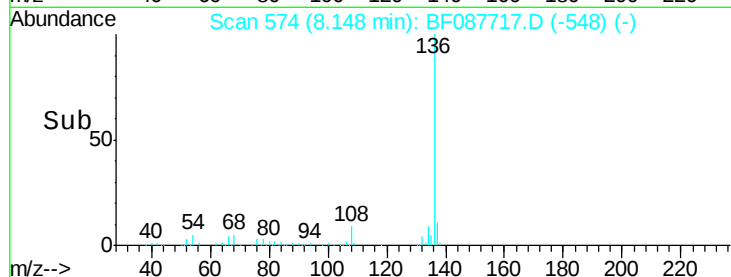
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF087717.D
Acq: 5 Jun 2016 19:51

Instrument :
BNA_F
ClientSampleId :
SB-1

Tgt Ion:	136	Resp:	476941
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.4	6.6	10.0#
68	4.5	5.1	7.7#

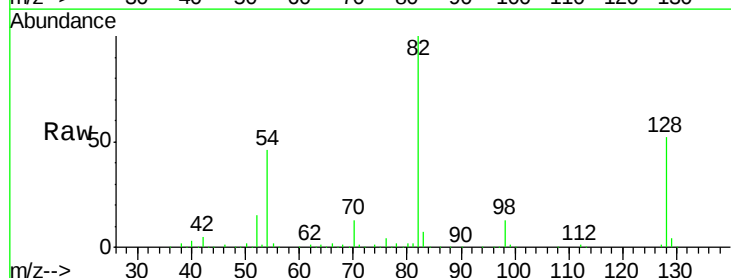


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

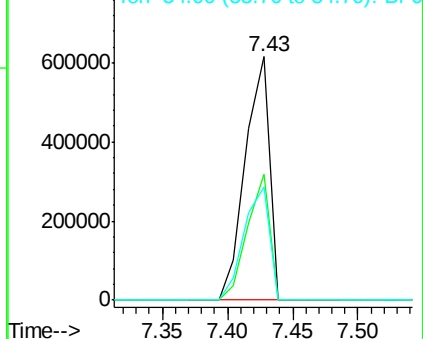
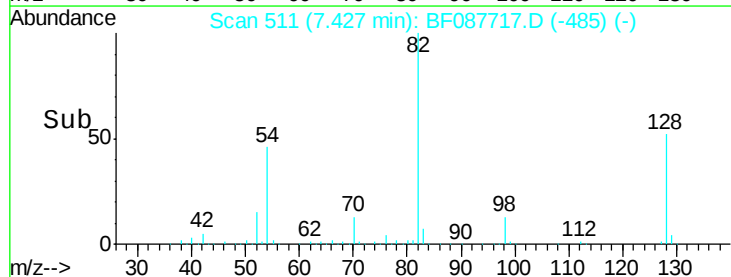


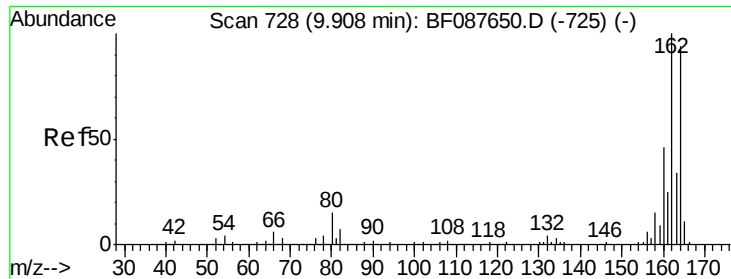
#23
Nitrobenzene-d5
Concen: 96.39 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF087717.D
Acq: 5 Jun 2016 19:51

Tgt Ion:	82	Resp:	794592
Ion	Ratio	Lower	Upper
82	100		
128	51.6	35.9	53.9
54	46.4	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

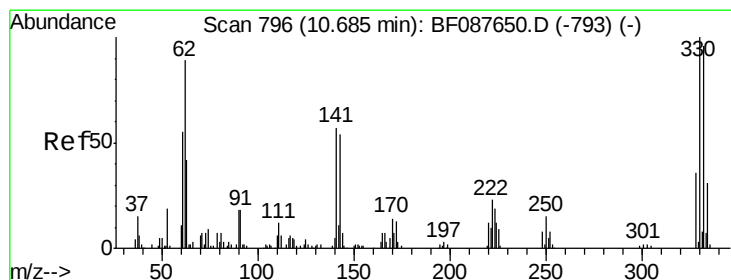
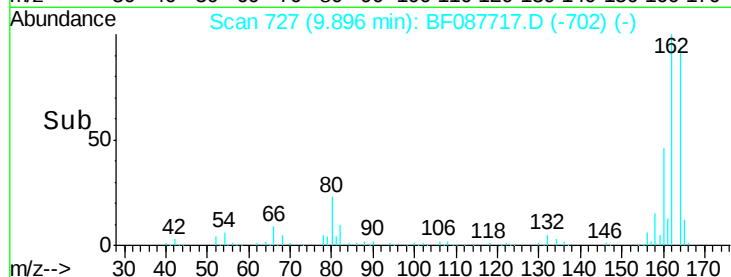
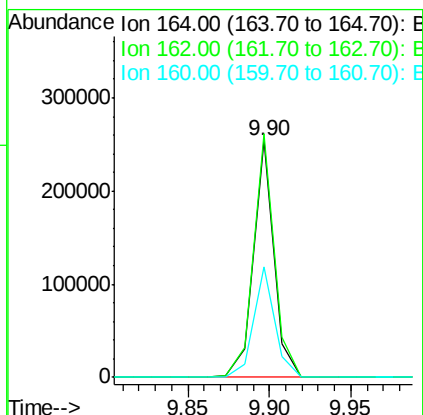
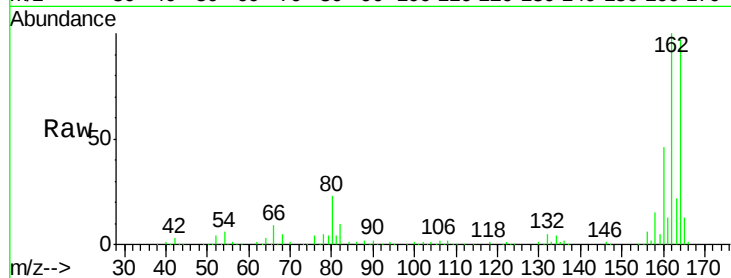




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF087717.D
Acq: 5 Jun 2016 19:51

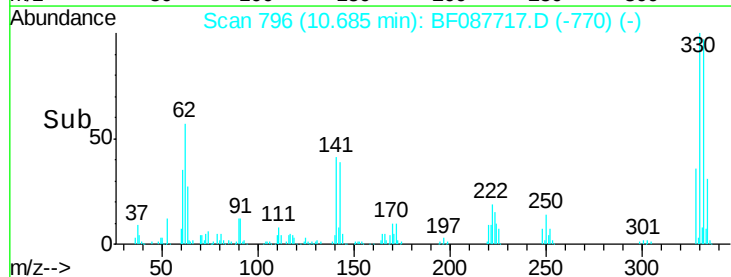
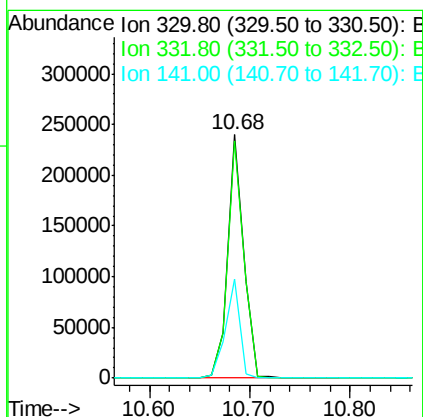
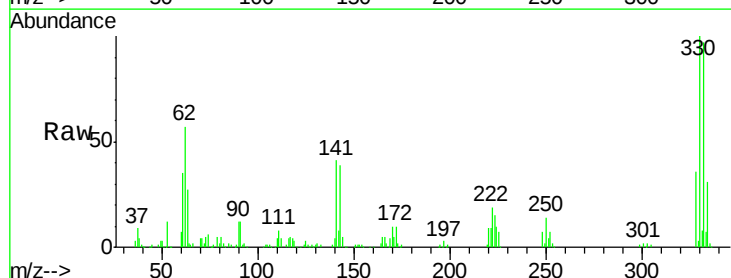
Instrument :
BNA_F
ClientSampleId :
SB-1

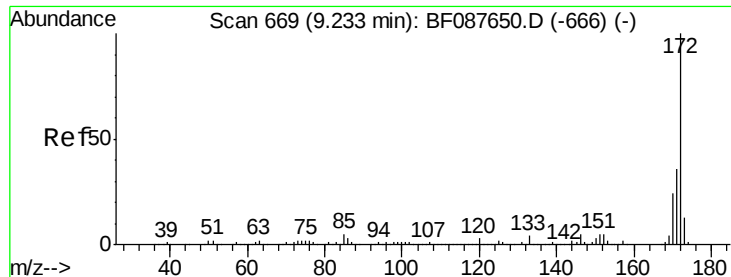
Tgt Ion:164 Resp: 221543
Ion Ratio Lower Upper
164 100
162 102.7 85.4 128.2
160 46.9 39.5 59.3



#41
2,4,6-Tribromophenol
Concen: 119.65 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF087717.D
Acq: 5 Jun 2016 19:51

Tgt Ion:330 Resp: 266080
Ion Ratio Lower Upper
330 100
332 98.0 0.0 0.0#
141 36.7 0.0 0.0#

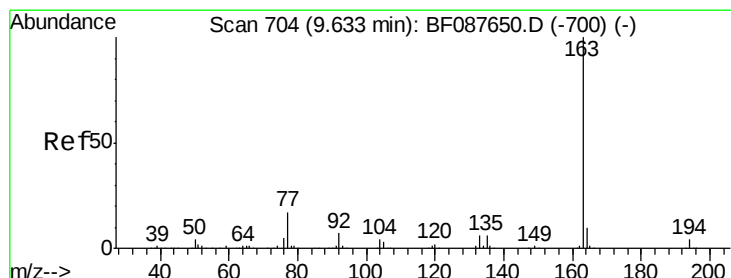
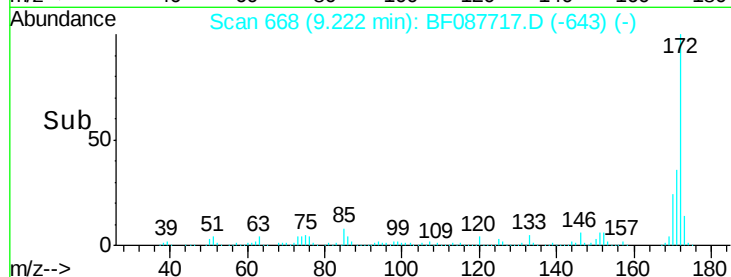
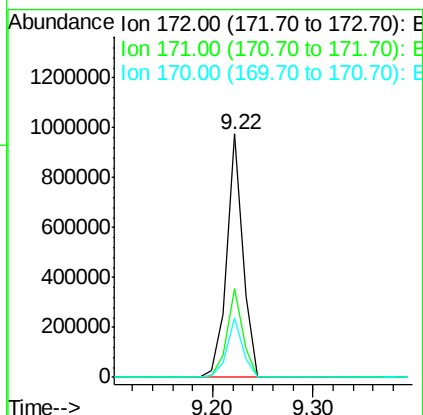
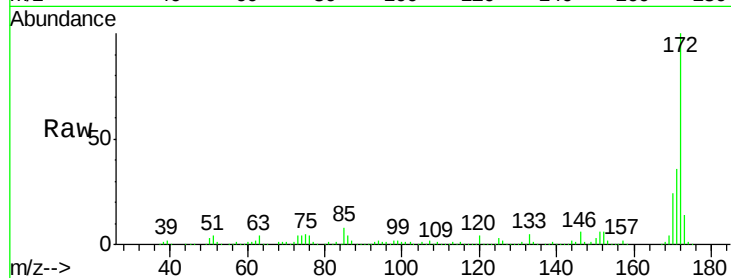




#44
 2-Fluorobiphenyl
 Concen: 72.01 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087717.D
 Acq: 5 Jun 2016 19:51

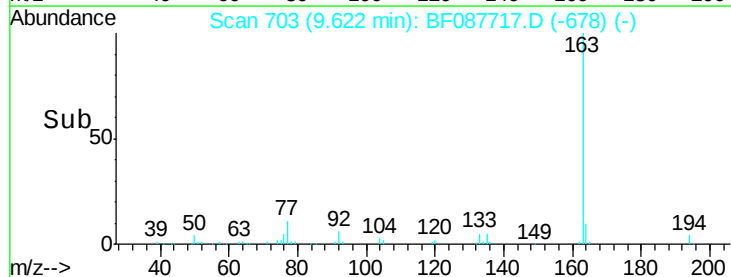
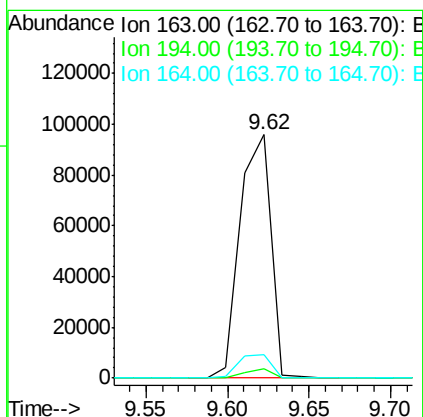
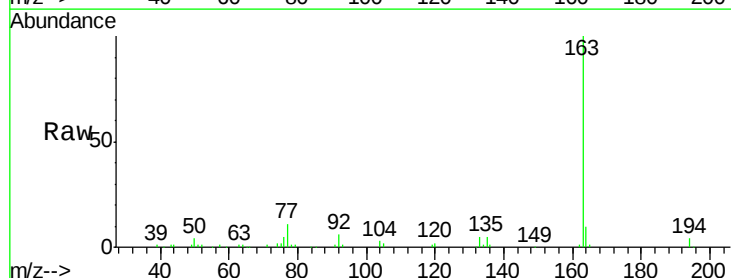
Instrument :
 BNA_F
 ClientSampleId :
 SB-1

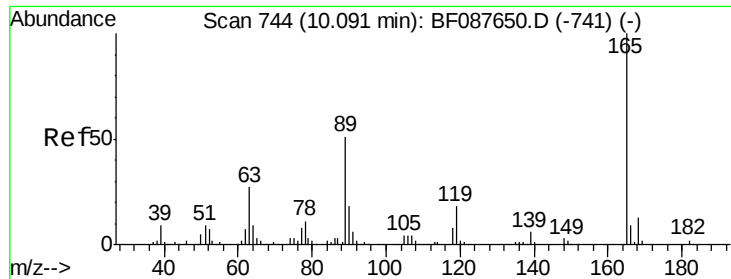
Tgt Ion:172 Resp: 1090878
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.6 43.0
 170 24.5 19.2 28.8



#49
 Dimethylphthalate
 Concen: 7.80 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF087717.D
 Acq: 5 Jun 2016 19:51

Tgt Ion:163 Resp: 125599
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.8 4.2
 164 9.6 8.3 12.5





#56

2,4-Dinitrotoluene

Concen: 6.10 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.19 min

Lab File: BF087717.D

Acq: 5 Jun 2016 19:51

Instrument :

BNA_F

ClientSampleId :

SB-1

Tgt Ion:165 Resp: 28481

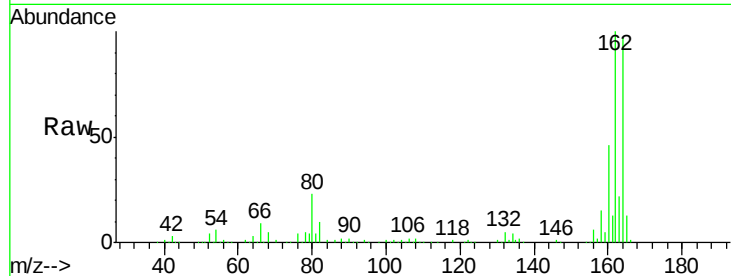
Ion Ratio Lower Upper

165 100

63 1.3 22.0 33.0#

89 1.5 41.1 61.7#

182 0.0 2.0 3.0#

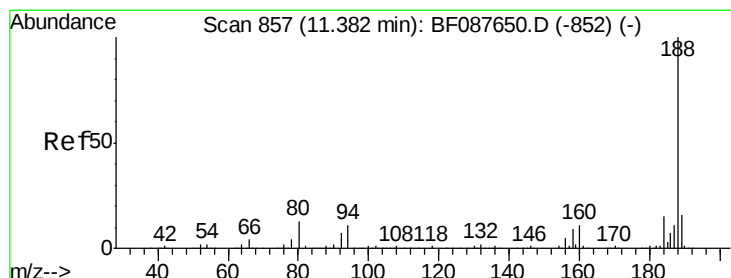
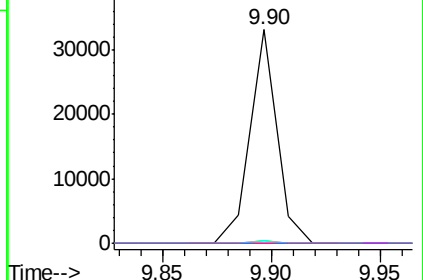
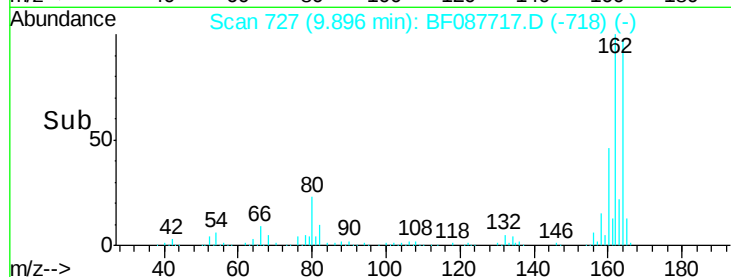


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF087717.D

Acq: 5 Jun 2016 19:51

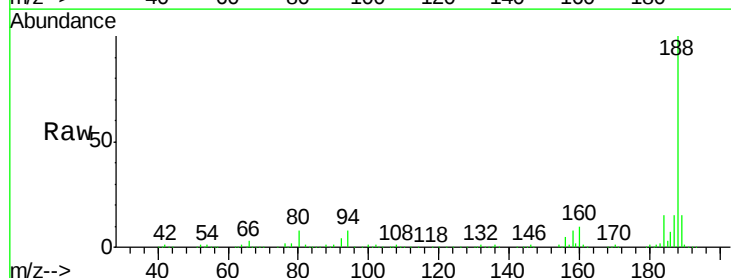
Tgt Ion:188 Resp: 425065

Ion Ratio Lower Upper

188 100

94 8.0 9.0 13.6#

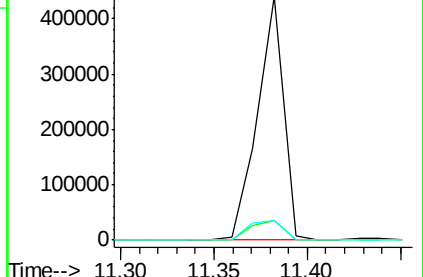
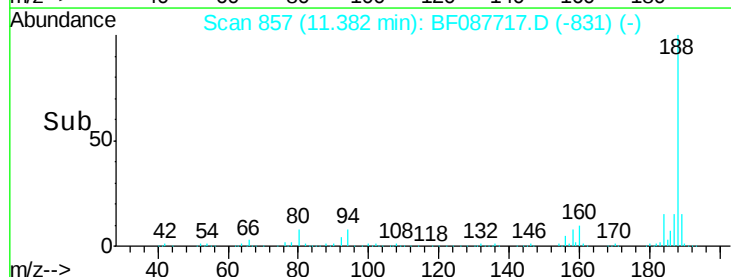
80 8.1 10.0 15.0#

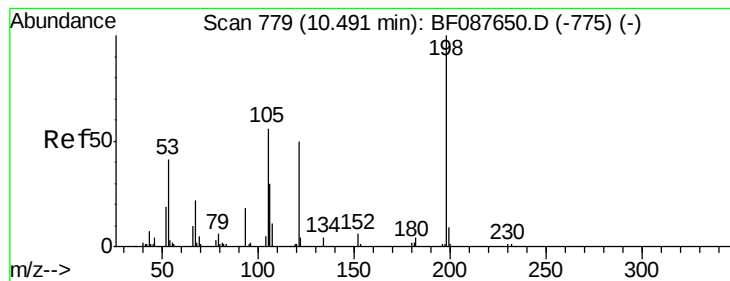


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.18 ng

RT: 10.68 min Scan# 796

Delta R.T. 0.19 min

Lab File: BF087717.D

Acq: 5 Jun 2016 19:51

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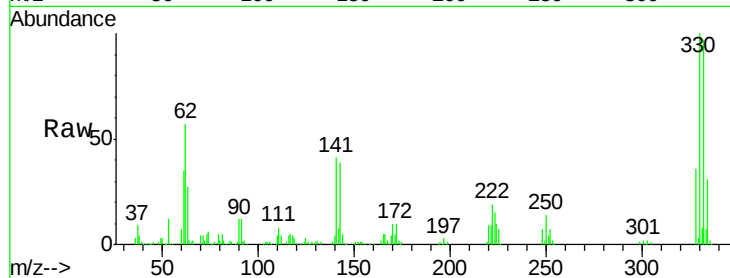
Tgt Ion:198 Resp: 409

Ion Ratio Lower Upper

198 100

51 197.1 39.6 79.6#

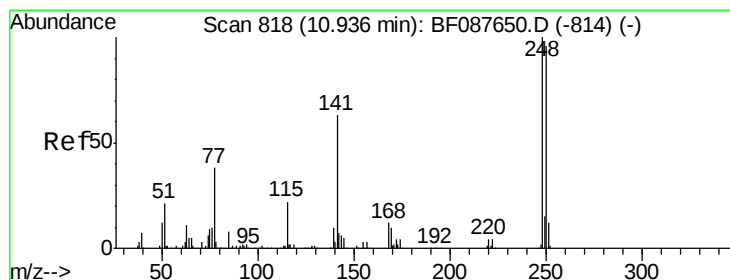
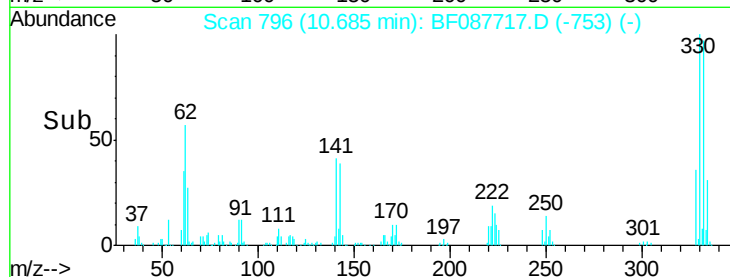
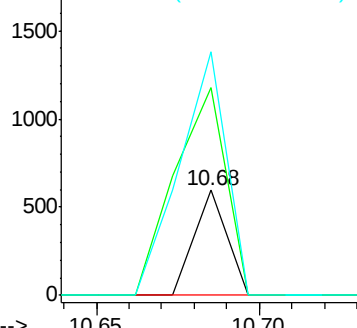
105 231.7 36.6 76.6#



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: 3.75 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.25 min

Lab File: BF087717.D

Acq: 5 Jun 2016 19:51

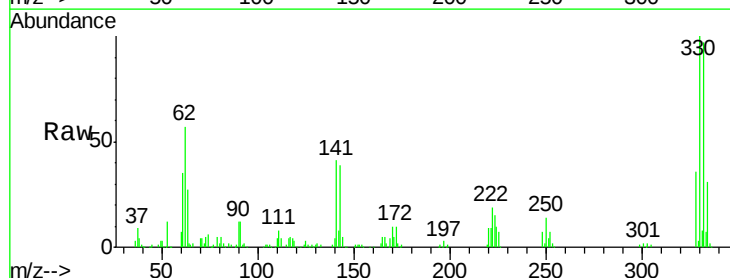
Tgt Ion:248 Resp: 15810

Ion Ratio Lower Upper

248 100

250 199.6 77.1 115.7#

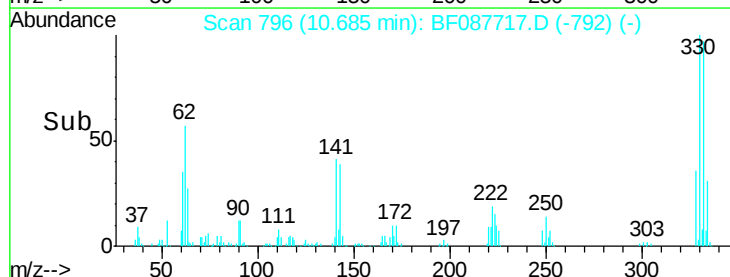
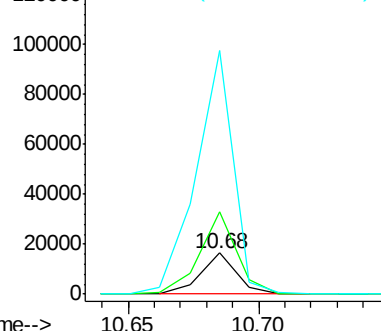
141 591.1 50.6 76.0#

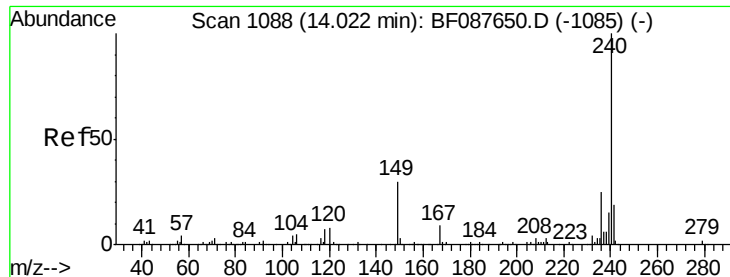


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF087717.D

Acq: 5 Jun 2016 19:51

Instrument :

BNA_F

ClientSampleId :

SB-1

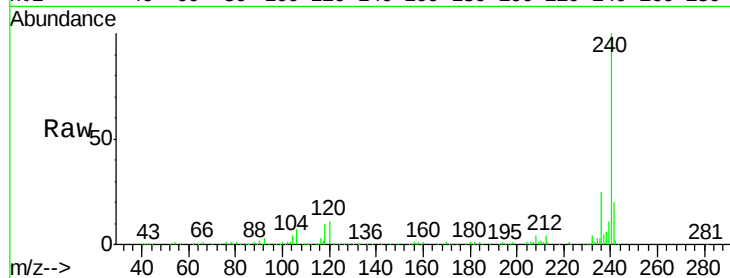
Tgt Ion:240 Resp: 319060

Ion Ratio Lower Upper

240 100

120 11.4 6.8 10.2#

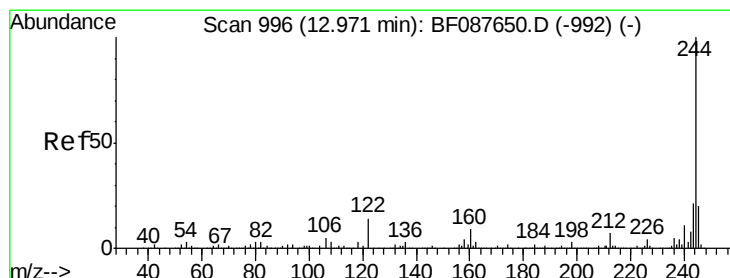
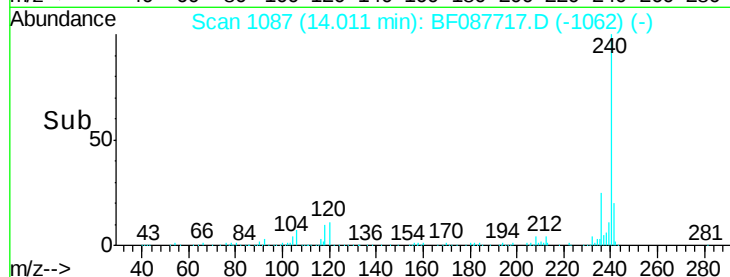
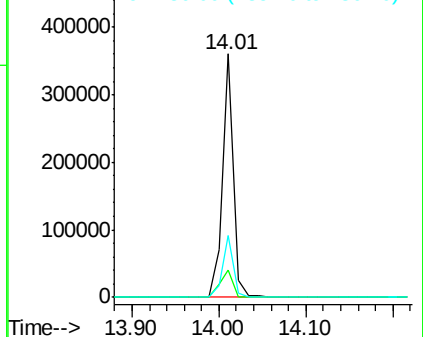
236 25.5 20.2 30.2



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: 73.07 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF087717.D

Acq: 5 Jun 2016 19:51

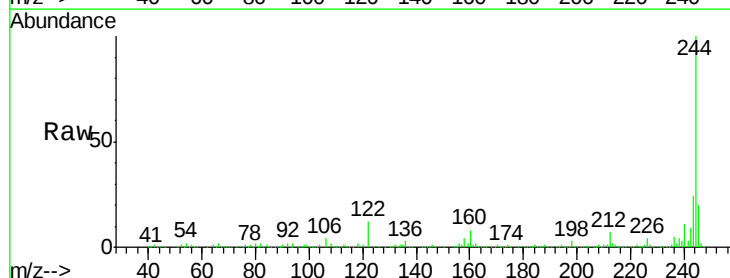
Tgt Ion:244 Resp: 955462

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

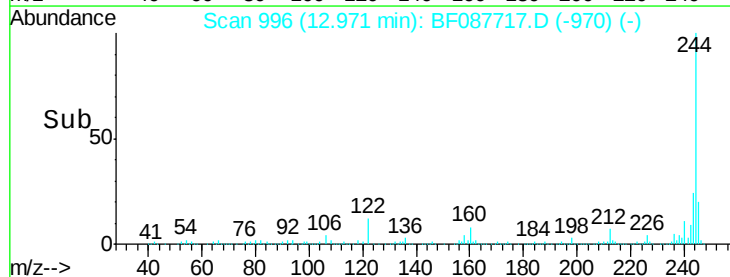
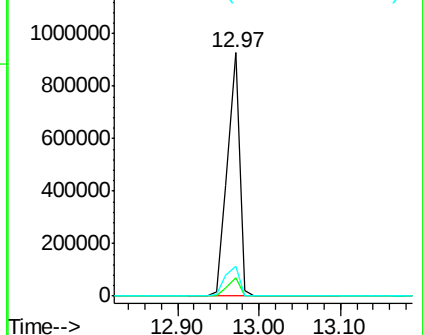
122 12.2 11.2 16.8

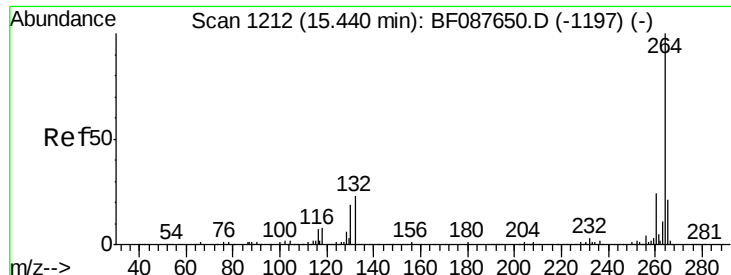


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

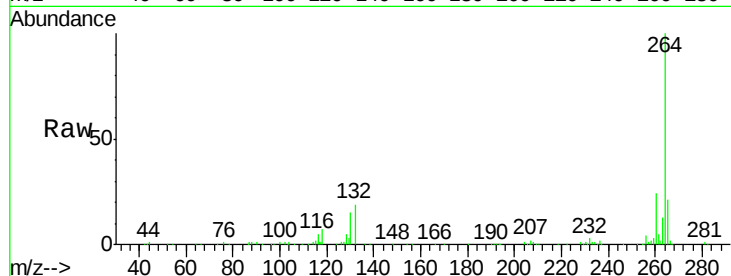




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF087717.D
Acq: 5 Jun 2016 19:51

Instrument :
BNA_F
ClientSampleId :
SB-1

Tgt Ion: 264 Resp: 242233
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.3 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

