

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
 Data File : BF087659.D
 Acq On : 4 Jun 2016 11:43
 Operator : UM/SJ
 Sample : PB91074BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91074BL

Quant Time: Jun 05 00:56:17 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

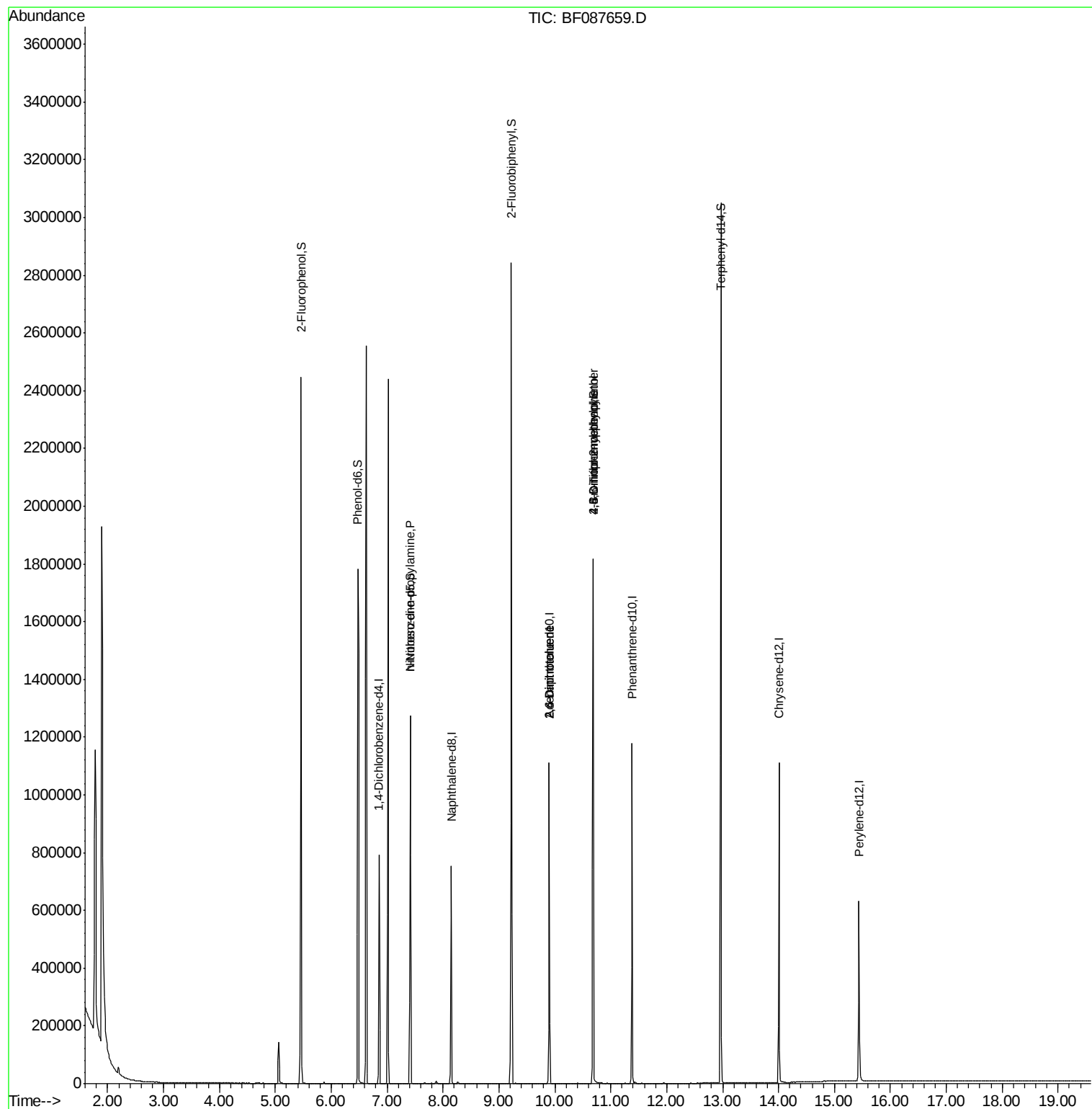
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	116991	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	480945	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	221023	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	443087	20.00	ng	0.00
75) Chrysene-d12	14.01	240	352386	20.00	ng	-0.01
86) Perylene-d12	15.44	264	276192	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	755935	104.44	ng	0.01
7) Phenol-d6	6.48	99	1008434	111.09	ng	-0.01
23) Nitrobenzene-d5	7.42	82	554761	66.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	229167	103.29	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1034226	67.28	ng	-0.01
78) Terphenyl-d14	12.97	244	956533	66.24	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	70139	12.37	ng	# 79
50) 2,6-Dinitrotoluene	9.90	165	28688	7.85	ng	# 40
56) 2,4-Dinitrotoluene	9.90	165	28689	6.16	ng	# 38
64) 4,6-Dinitro-2-methylphenol	10.68	198	431	2.18	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	14343	3.26	ng	# 1

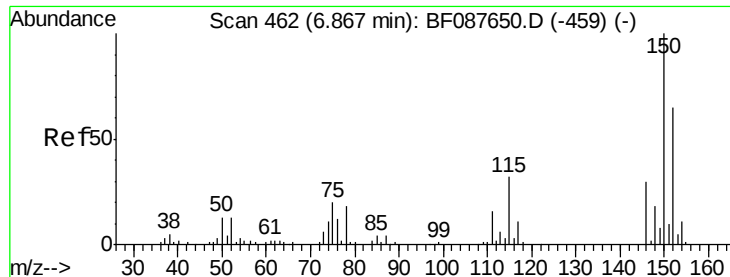
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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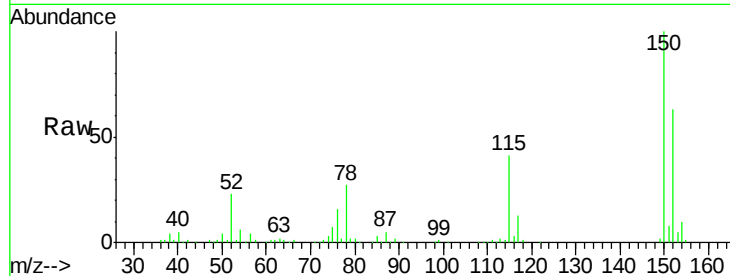


#1

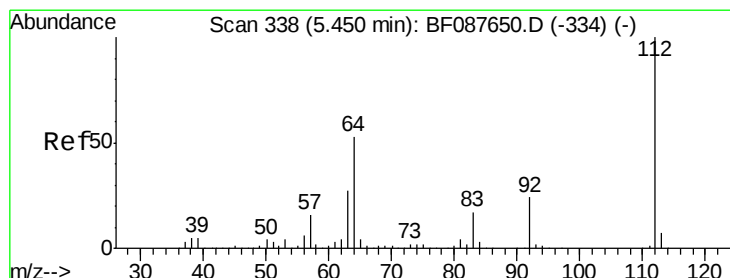
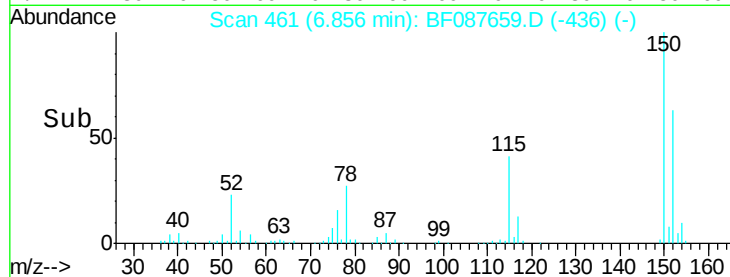
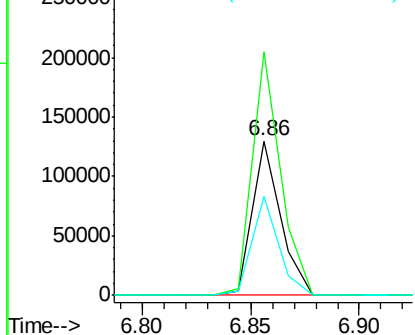
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF087659.D
Acq: 4 Jun 2016 11:43

Instrument :
BNA_F
ClientSampled :
PB91074BL

Tgt Ion:152 Resp: 116991
Ion Ratio Lower Upper
152 100
150 158.1 123.8 185.6
115 64.1 39.6 59.4#



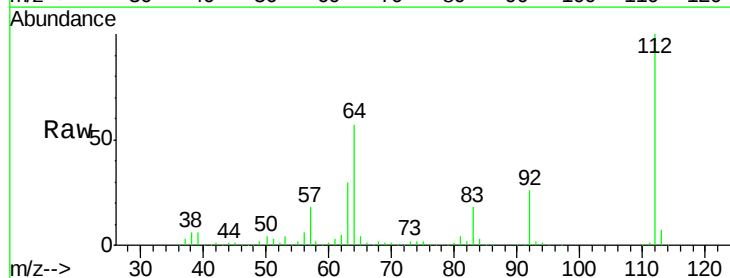
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



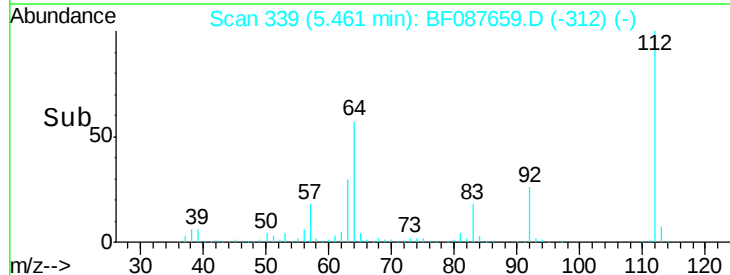
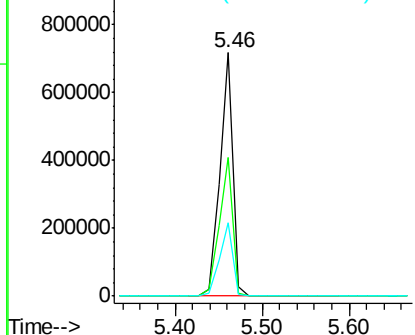
#5

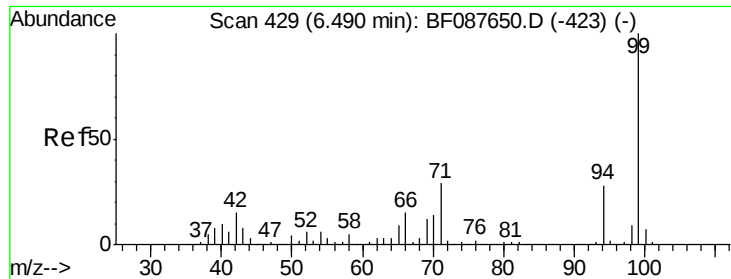
2-Fluorophenol
Concen: 104.44 ng
RT: 5.46 min Scan# 339
Delta R.T. 0.01 min
Lab File: BF087659.D
Acq: 4 Jun 2016 11:43

Tgt Ion:112 Resp: 755935
Ion Ratio Lower Upper
112 100
64 57.1 42.2 63.2
63 30.0 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: 111.09 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087659.D

Acq: 4 Jun 2016 11:43

Instrument :

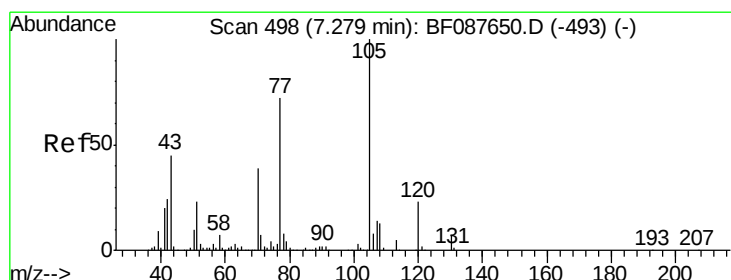
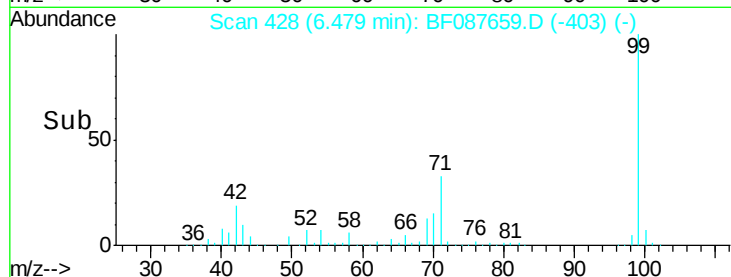
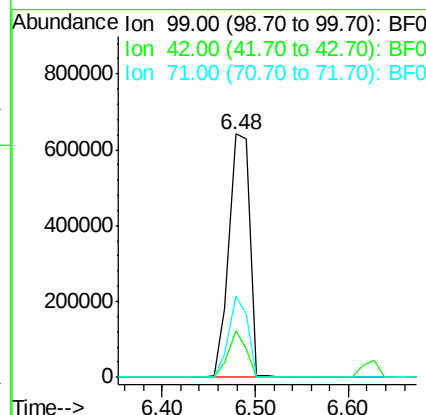
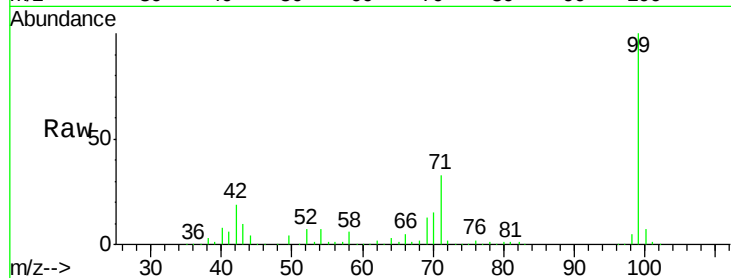
BNA_F

ClientSampleId :

PB91074BL

Tgt Ion: 99 Resp: 1008434

Ion	Ratio	Lower	Upper
99	100		
42	19.0	12.2	18.2#
71	33.5	23.4	35.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.37 ng

RT: 7.42 min Scan# 510

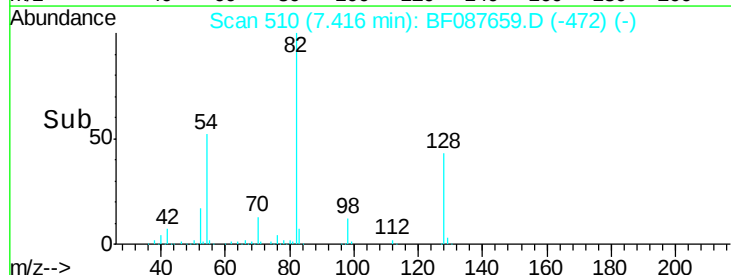
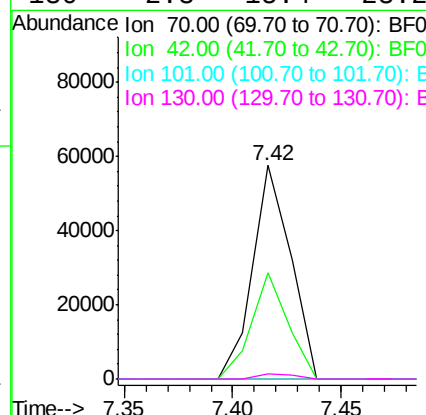
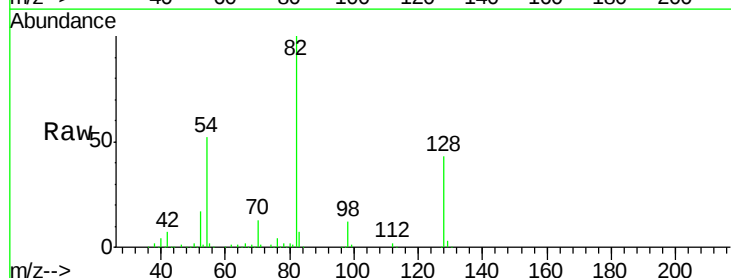
Delta R.T. 0.14 min

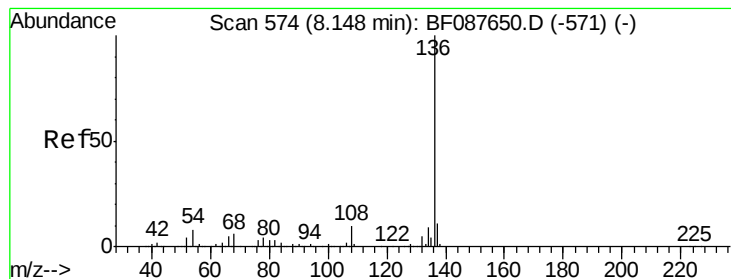
Lab File: BF087659.D

Acq: 4 Jun 2016 11:43

Tgt Ion: 70 Resp: 70139

Ion	Ratio	Lower	Upper
70	100		
42	49.8	49.6	74.4
101	0.0	7.1	10.7#
130	2.3	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: BF087659.D

Acq: 4 Jun 2016 11:43

Instrument :

BNA_F

ClientSampleId :

PB91074BL

Tgt Ion:136 Resp: 480945

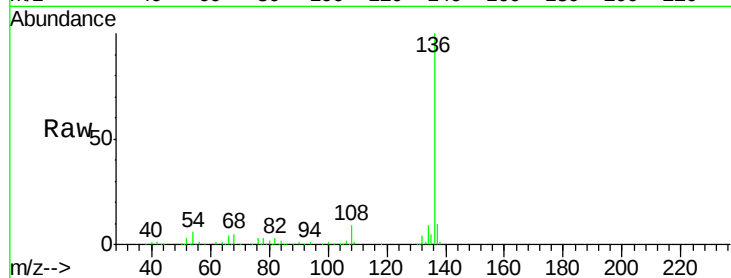
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 5.8 6.6 10.0#

68 4.6 5.1 7.7#

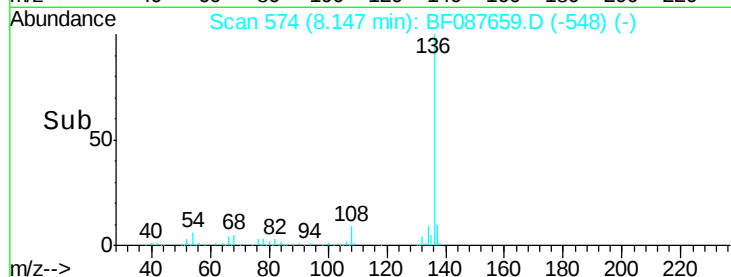


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

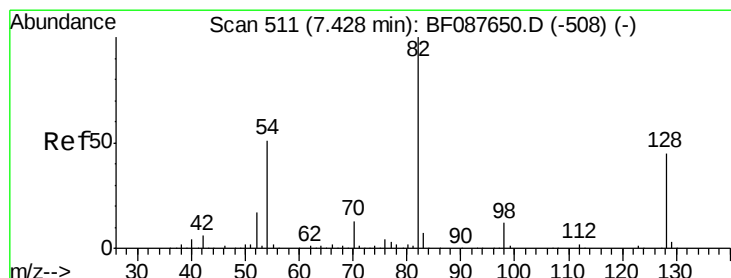
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

8.15



#23

Nitrobenzene-d5

Concen: 66.74 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF087659.D

Acq: 4 Jun 2016 11:43

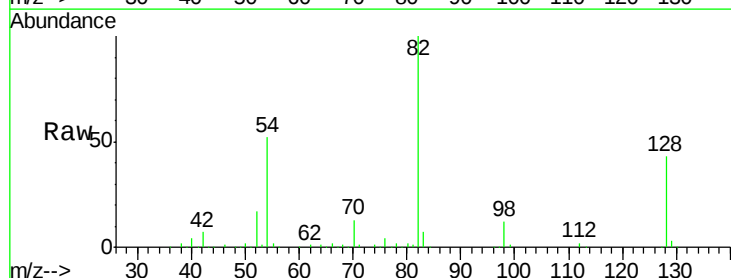
Tgt Ion: 82 Resp: 554761

Ion Ratio Lower Upper

82 100

128 43.1 35.9 53.9

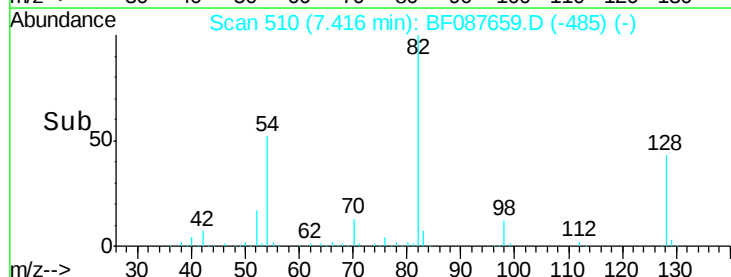
54 52.0 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

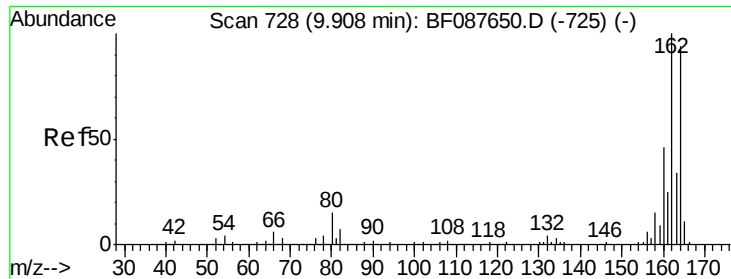
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

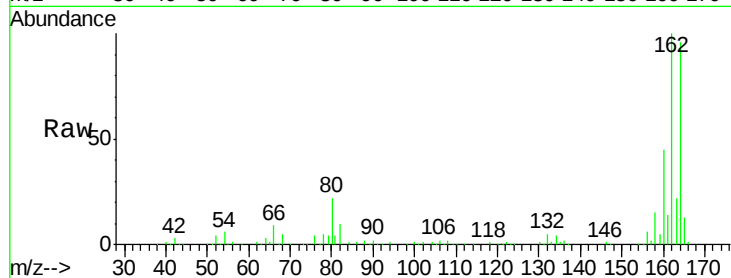
7.42



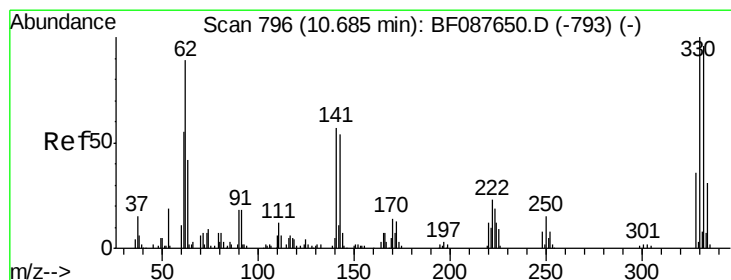
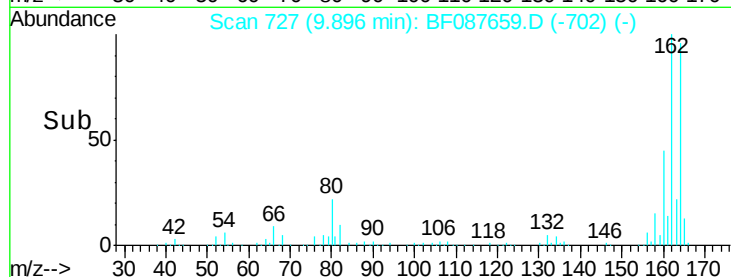
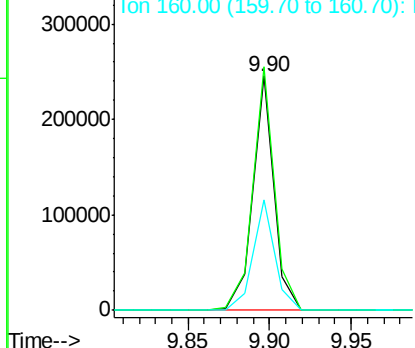
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: BF087659.D
 Acq: 4 Jun 2016 11:43

Instrument :
 BNA_F
 ClientSampleId :
 PB91074BL

Tgt Ion:164 Resp: 221023
 Ion Ratio Lower Upper
 164 100
 162 104.0 85.4 128.2
 160 47.2 39.5 59.3

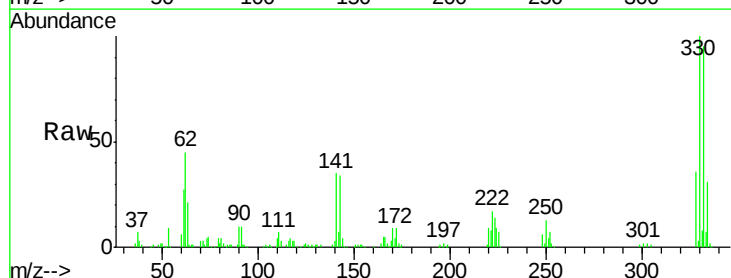


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

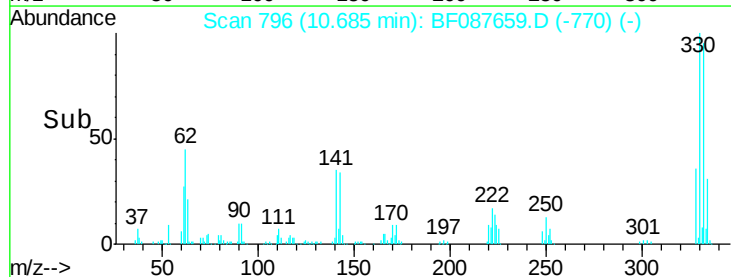
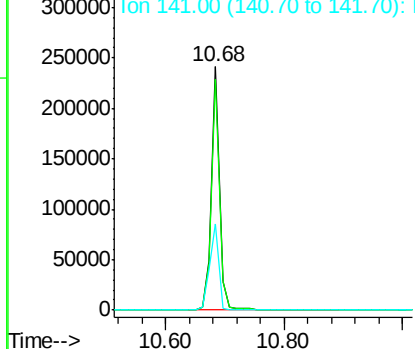


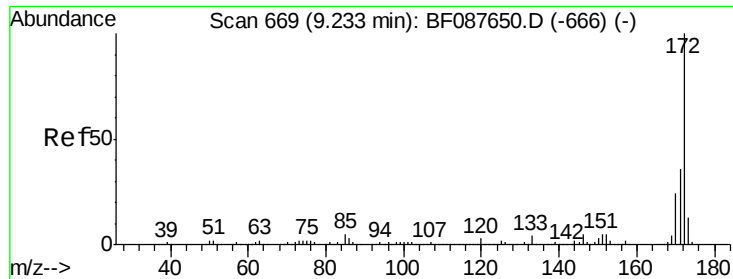
#41
 2,4,6-Tribromophenol
 Concen: 103.29 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF087659.D
 Acq: 4 Jun 2016 11:43

Tgt Ion:330 Resp: 229167
 Ion Ratio Lower Upper
 330 100
 332 95.1 0.0 0.0#
 141 40.0 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

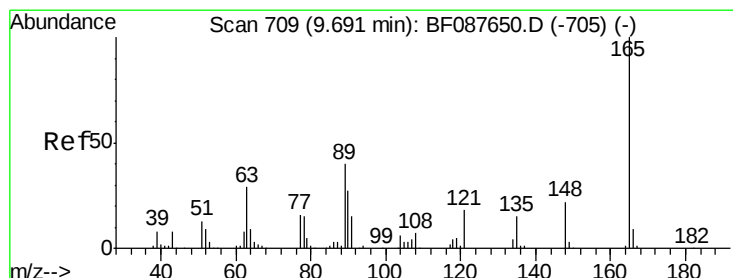
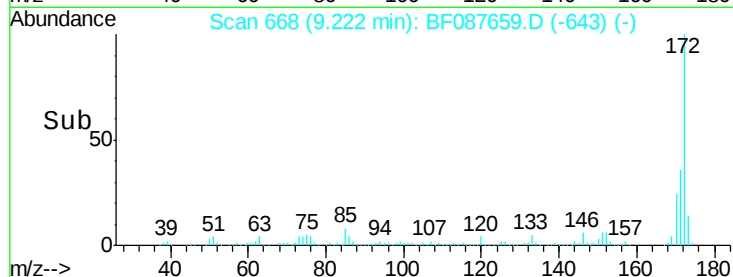
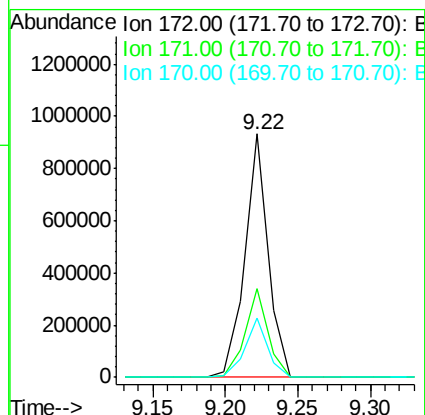
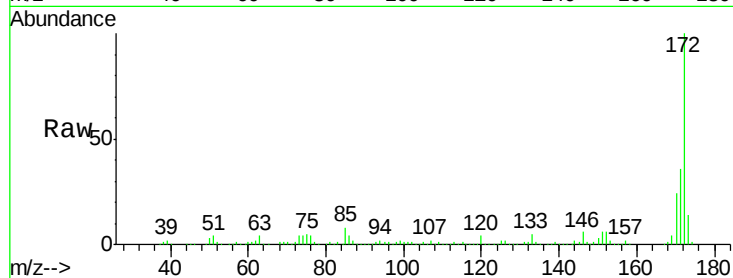




#44
2-Fluorobiphenyl
Concen: 67.28 ng
RT: 9.22 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF087659.D
Acq: 4 Jun 2016 11:43

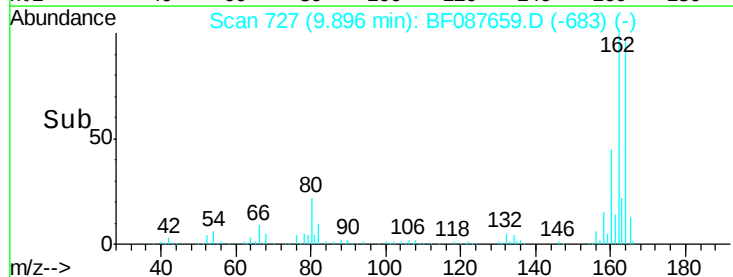
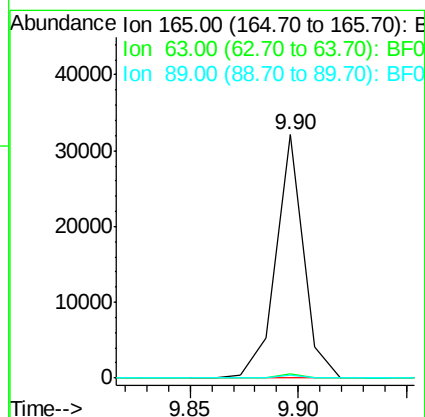
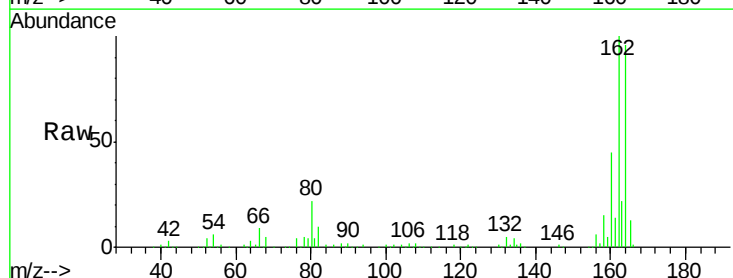
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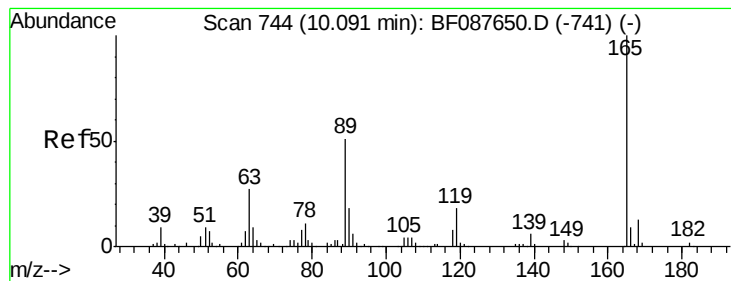
Tgt Ion:172 Resp: 1034226
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 24.2 19.2 28.8



#50
2,6-Dinitrotoluene
Concen: 7.85 ng
RT: 9.90 min Scan# 727
Delta R.T. 0.21 min
Lab File: BF087659.D
Acq: 4 Jun 2016 11:43

Tgt Ion:165 Resp: 28688
Ion Ratio Lower Upper
165 100
63 1.7 28.1 42.1#
89 1.4 32.2 48.2#

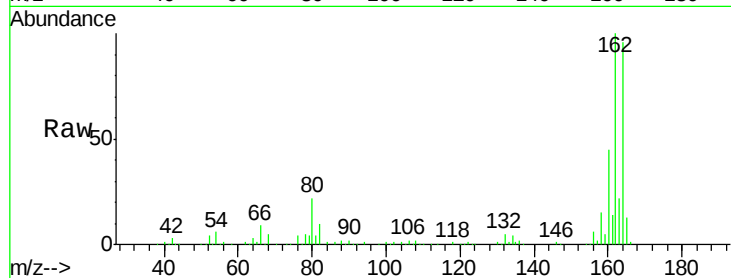




#56
 2,4-Dinitrotoluene
 Concen: 6.16 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.19 min
 Lab File: BF087659.D
 Acq: 4 Jun 2016 11:43

Instrument :
 BNA_F
 ClientSampleId :
 PB91074BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	22.0	33.0#
89	1.4	41.1	61.7#
182	0.0	2.0	3.0#

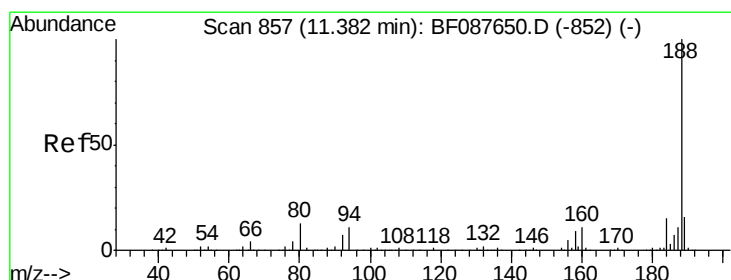
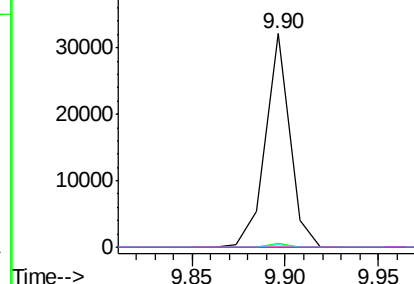
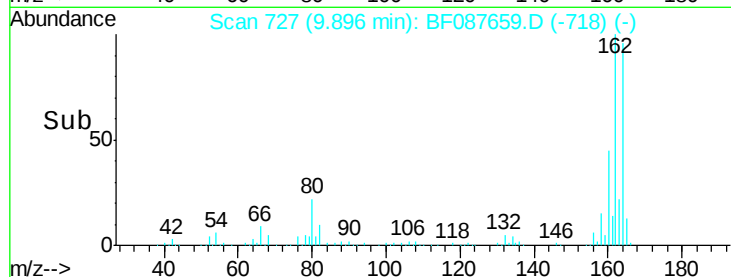


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

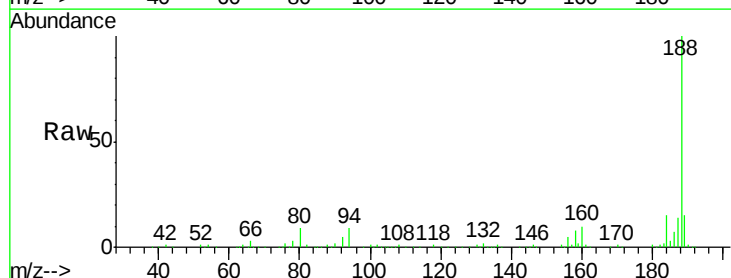
Ion 89.00 (88.70 to 89.70): BF0

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: BF087659.D
 Acq: 4 Jun 2016 11:43

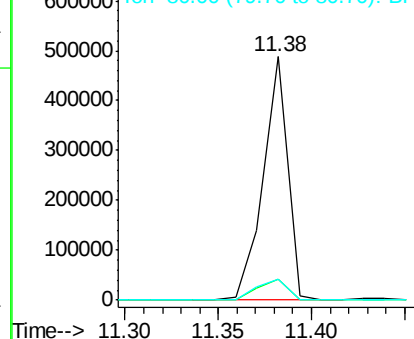
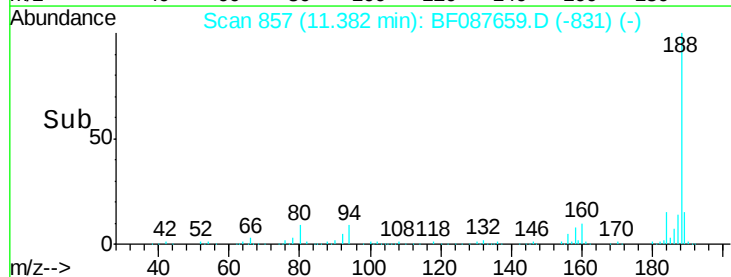
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	9.0	13.6#
80	8.7	10.0	15.0#

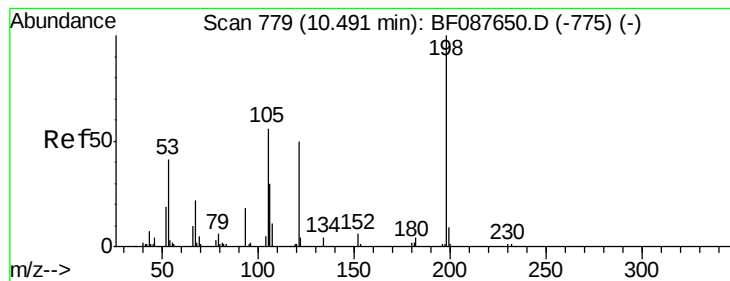


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF087659.D

Acq: 4 Jun 2016 11:43

Instrument :

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PB91074BL

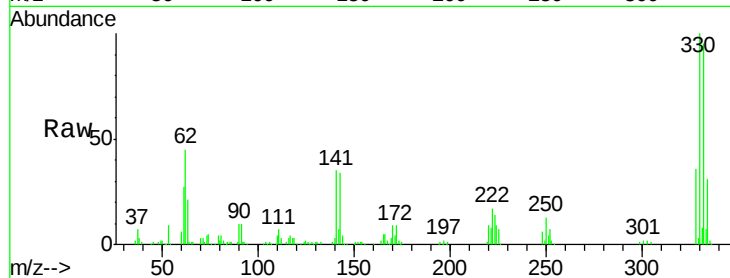
Tgt Ion:198 Resp: 431

Ion Ratio Lower Upper

198 100

51 147.2 39.6 79.6#

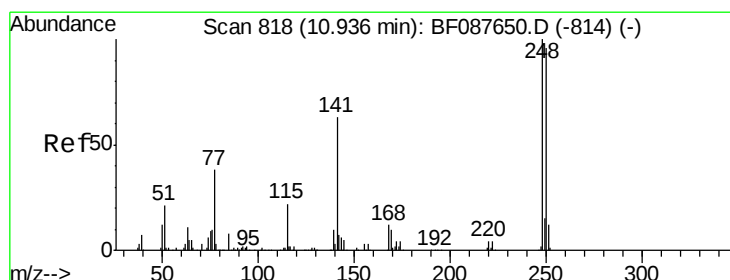
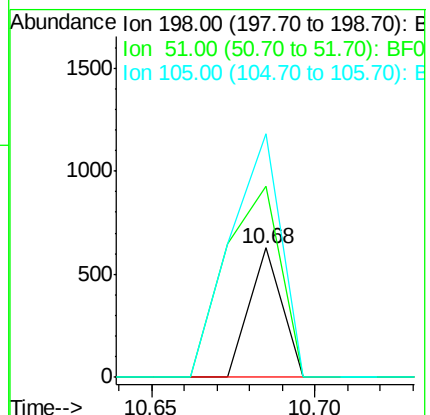
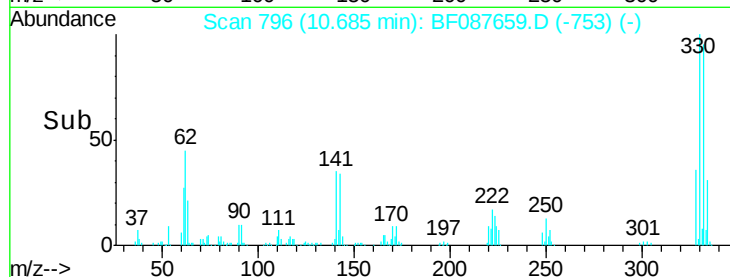
105 187.8 36.6 76.6#



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: 3.26 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.25 min

Lab File: BF087659.D

Acq: 4 Jun 2016 11:43

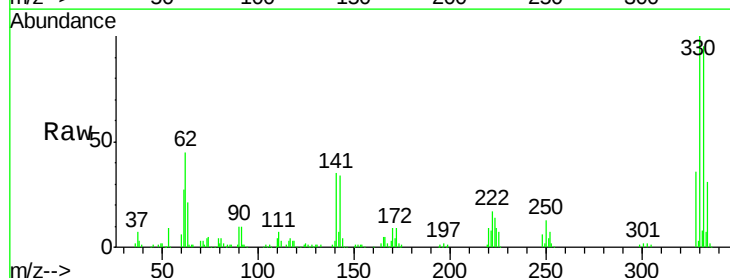
Tgt Ion:248 Resp: 14343

Ion Ratio Lower Upper

248 100

250 199.2 77.1 115.7#

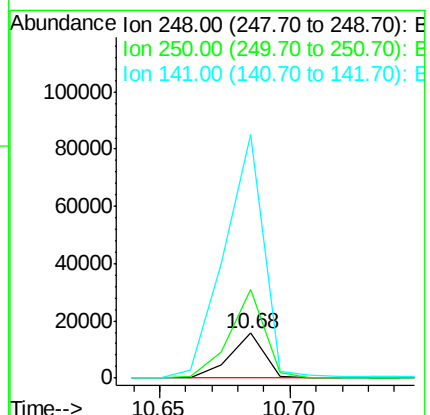
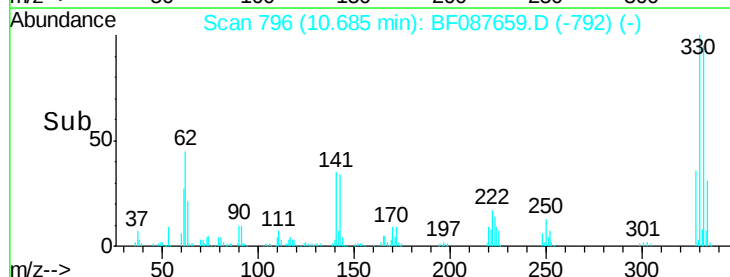
141 545.3 50.6 76.0#

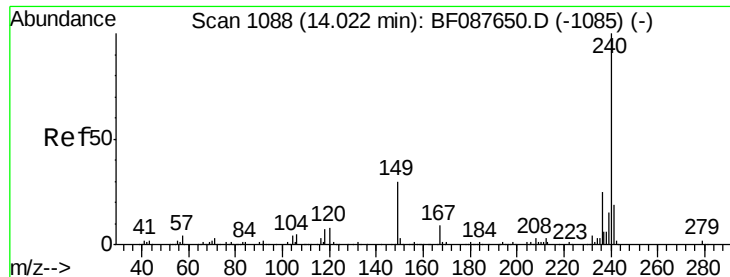


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF087659.D

Acq: 4 Jun 2016 11:43

Instrument :

BNA_F

ClientSampleId :

PB91074BL

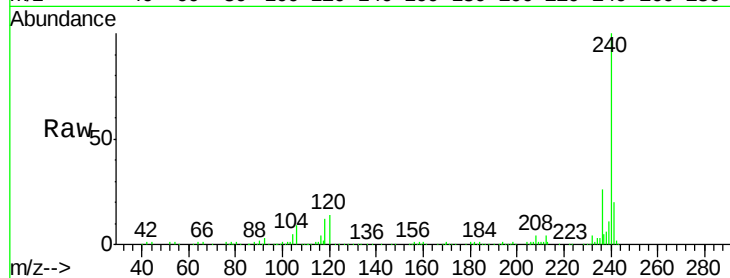
Tgt Ion:240 Resp: 352386

Ion Ratio Lower Upper

240 100

120 13.9 6.8 10.2#

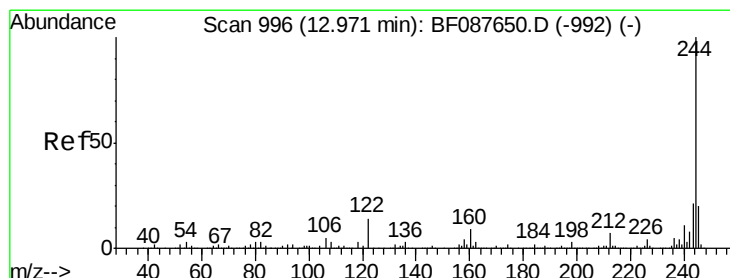
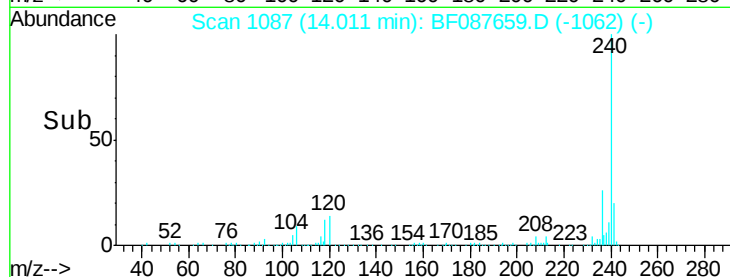
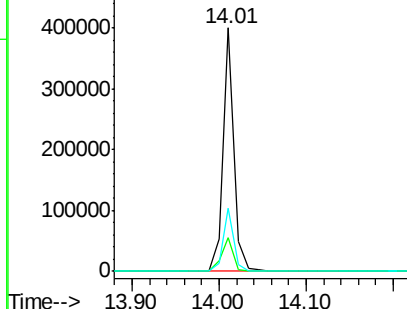
236 26.2 20.2 30.2



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: 66.24 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF087659.D

Acq: 4 Jun 2016 11:43

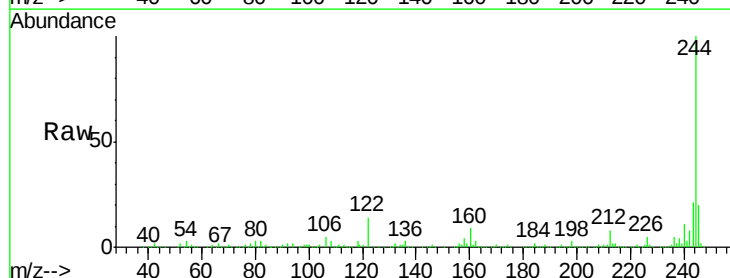
Tgt Ion:244 Resp: 956533

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

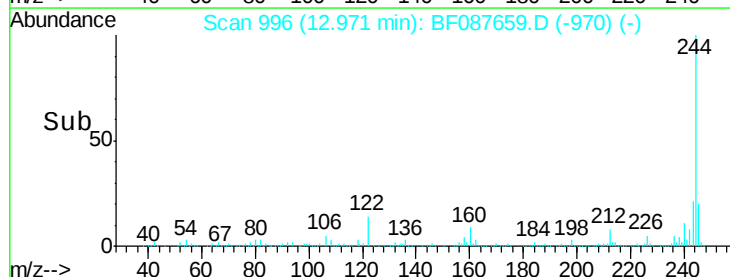
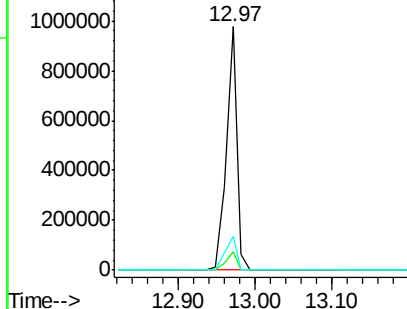
122 13.7 11.2 16.8

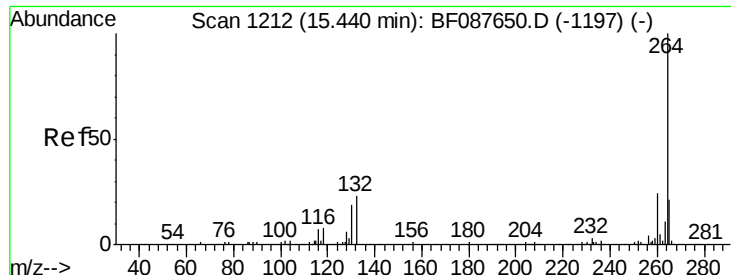


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF087659.D
Acq: 4 Jun 2016 11:43

Instrument :
BNA_F
ClientSampleId :
PB91074BL

Tgt Ion:264 Resp: 276192
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.5 16.9 25.3

