

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
 Data File : BF087663.D
 Acq On : 4 Jun 2016 13:43
 Operator : UM/SJ
 Sample : PB91062BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91062BL

Quant Time: Jun 05 00:57:08 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

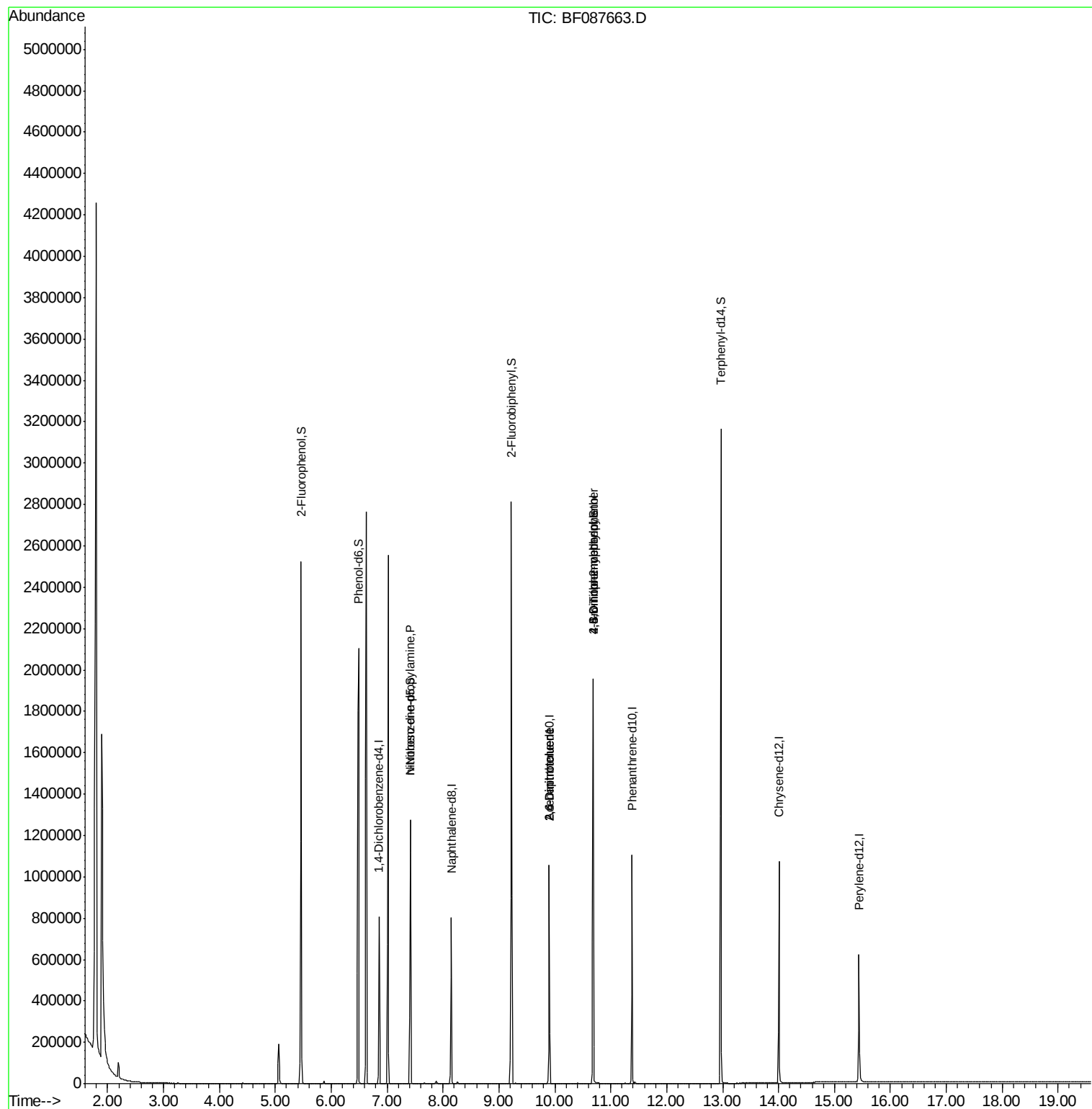
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	116346	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	477951	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	212437	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	429176	20.00	ng	0.00
75) Chrysene-d12	14.01	240	353448	20.00	ng	-0.01
86) Perylene-d12	15.44	264	266362	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	777838	108.06	ng	0.01
7) Phenol-d6	6.49	99	1159718	128.47	ng	0.00
23) Nitrobenzene-d5	7.42	82	636011	76.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	238011	111.61	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1122915	79.45	ng	-0.01
78) Terphenyl-d14	12.97	244	1010412	69.76	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	82899	14.70	ng	# 78
50) 2,6-Dinitrotoluene	9.90	165	27783	7.91	ng	# 39
56) 2,4-Dinitrotoluene	9.90	165	27784	6.21	ng	# 37
64) 4,6-Dinitro-2-methylphenol	10.68	198	381	2.17	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	14961	3.52	ng	# 1

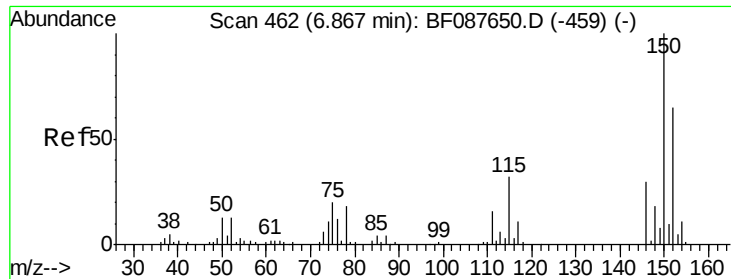
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
Data File : BF087663.D
Acq On : 4 Jun 2016 13:43
Operator : UM/SJ
Sample : PB91062BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91062BL

Quant Time: Jun 05 00:57:08 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF087663.D

Acq: 4 Jun 2016 13:43

Instrument :

BNA_F

ClientSampled :

PB91062BL

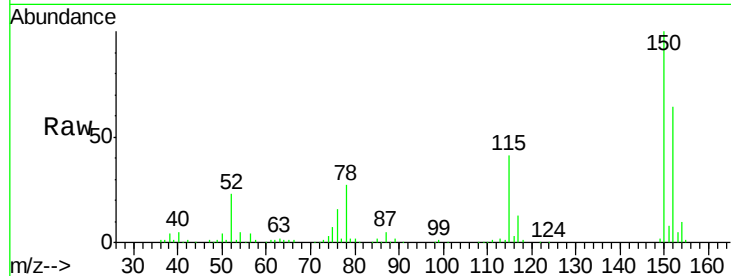
Tgt Ion:152 Resp: 116346

Ion Ratio Lower Upper

152 100

150 156.7 123.8 185.6

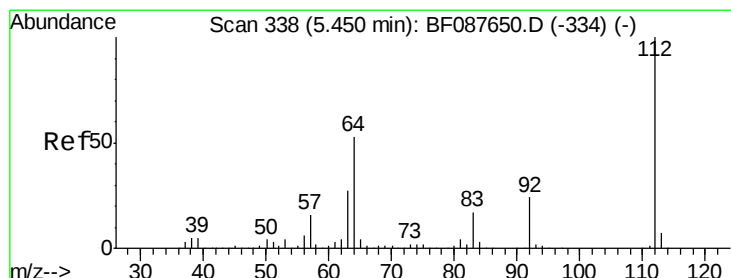
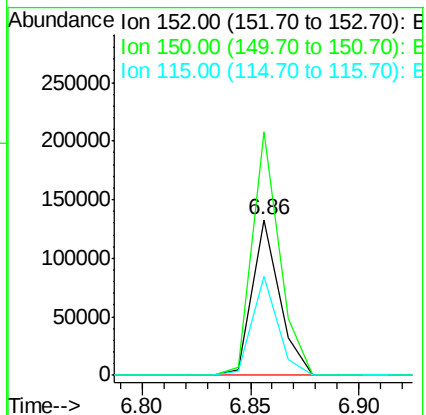
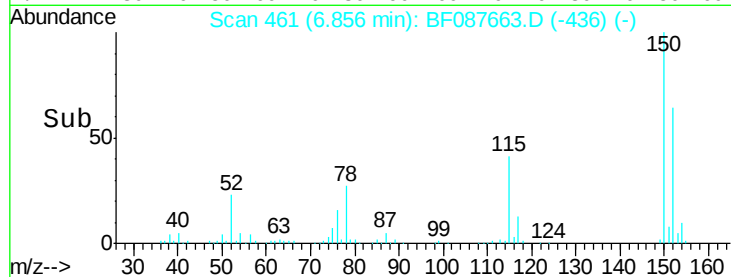
115 63.6 39.6 59.4#



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: 108.06 ng

RT: 5.46 min Scan# 339

Delta R.T. 0.01 min

Lab File: BF087663.D

Acq: 4 Jun 2016 13:43

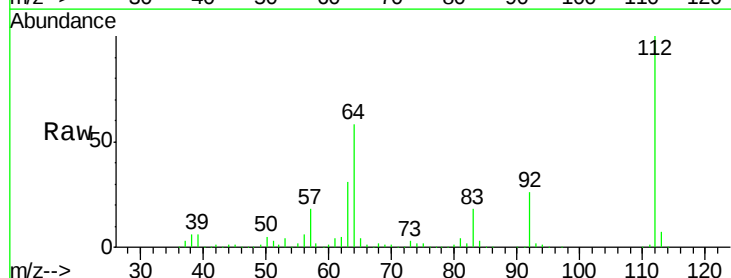
Tgt Ion:112 Resp: 777838

Ion Ratio Lower Upper

112 100

64 57.9 42.2 63.2

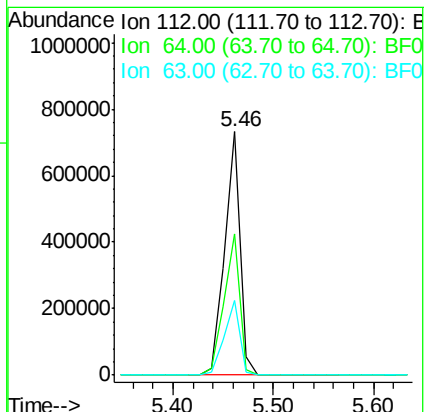
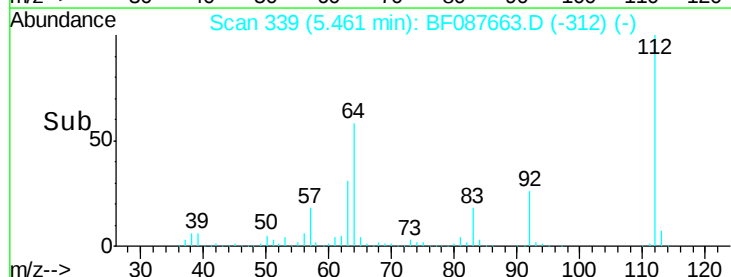
63 30.6 21.8 32.8

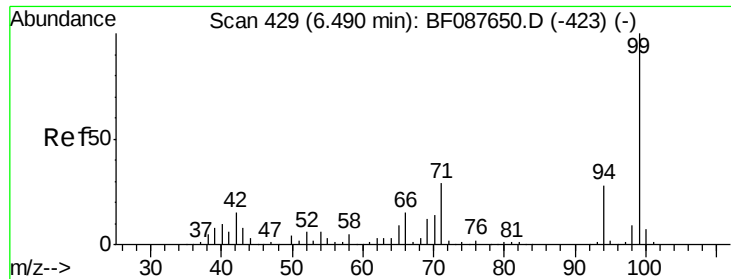


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 128.47 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087663.D

Acq: 4 Jun 2016 13:43

Instrument :

BNA_F

ClientSampled :

PB91062BL

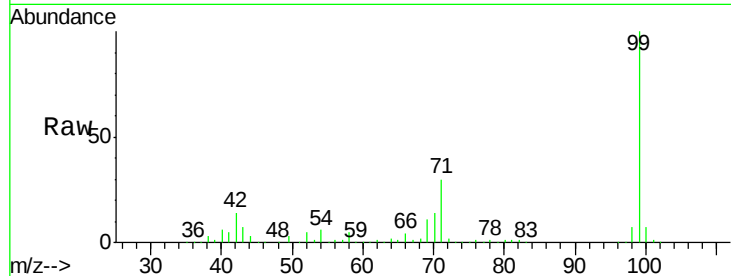
Tgt Ion: 99 Resp: 1159718

Ion Ratio Lower Upper

99 100

42 14.1 12.2 18.2

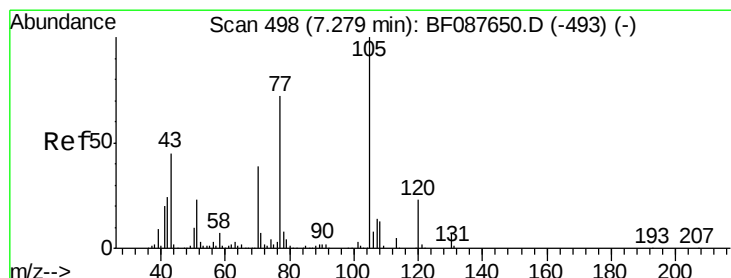
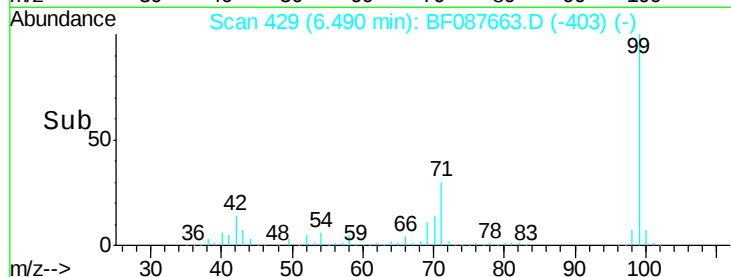
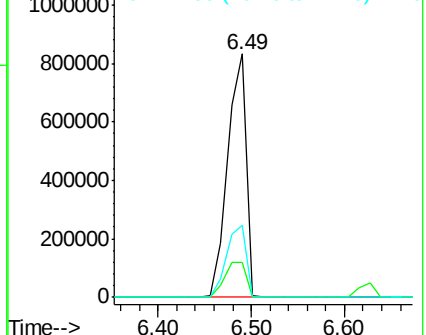
71 29.7 23.4 35.0



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: 14.70 ng

RT: 7.42 min Scan# 510

Delta R.T. 0.14 min

Lab File: BF087663.D

Acq: 4 Jun 2016 13:43

Tgt Ion: 70 Resp: 82899

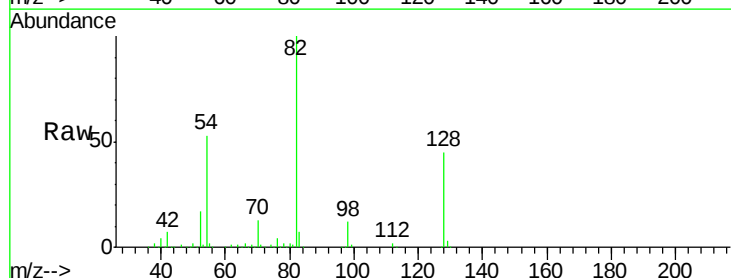
Ion Ratio Lower Upper

70 100

42 49.2 49.6 74.4#

101 0.0 7.1 10.7#

130 2.3 15.4 23.2#

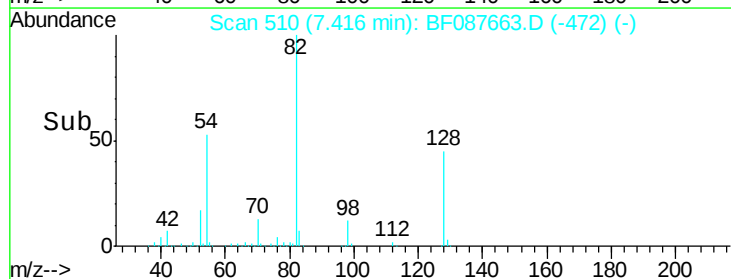
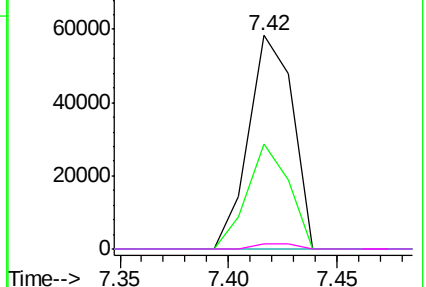


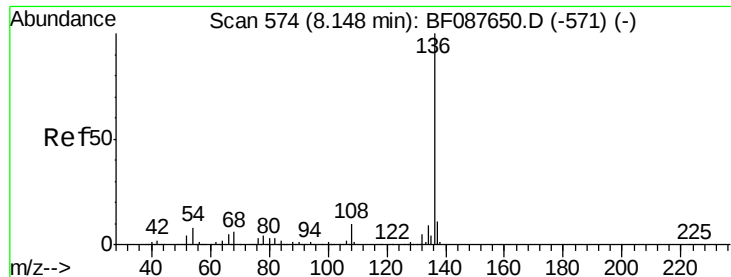
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

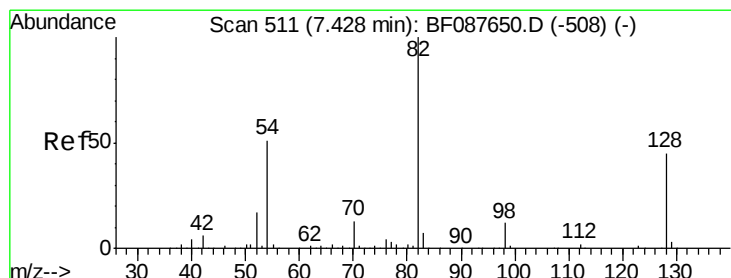
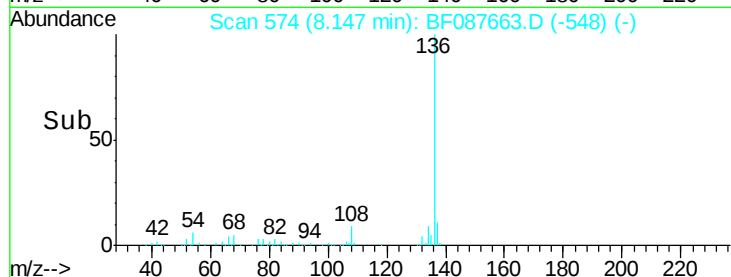
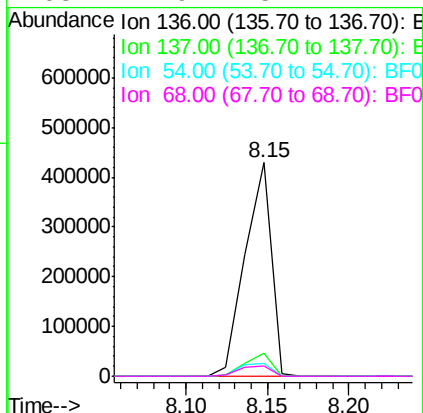
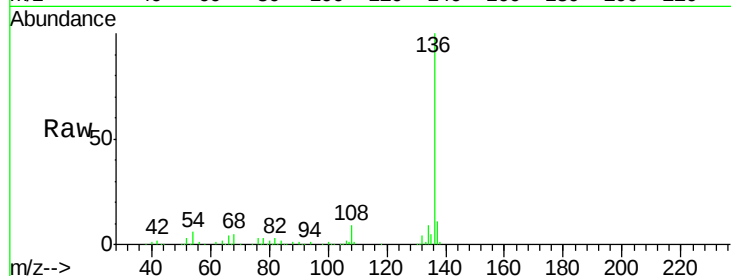




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF087663.D
Acq: 4 Jun 2016 13:43

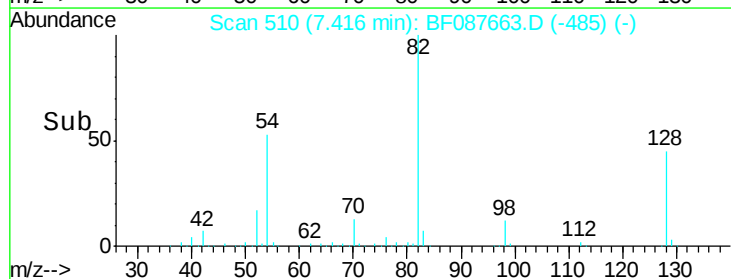
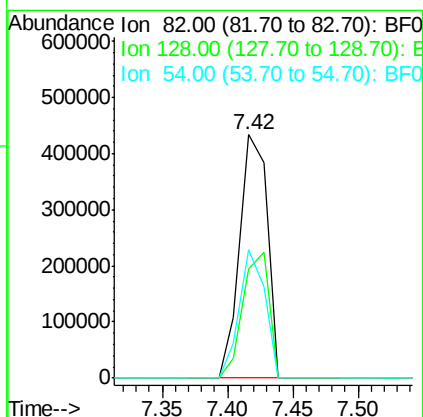
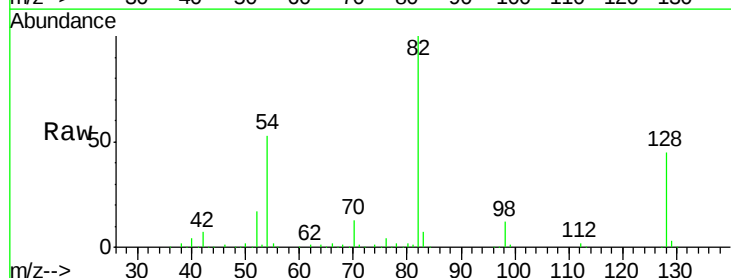
Instrument :
BNA_F
ClientSampleId :
PB91062BL

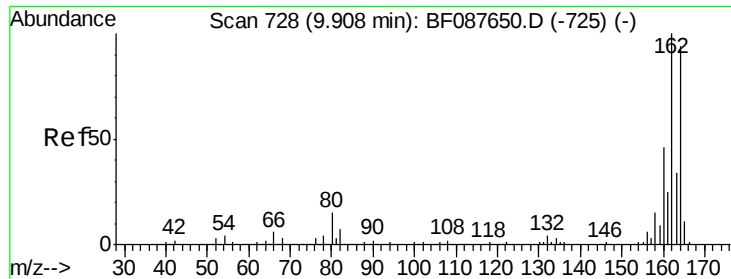
Tgt Ion:	136	Resp:	477951
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.1	6.6	10.0#
68	4.9	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 76.99 ng
RT: 7.42 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF087663.D
Acq: 4 Jun 2016 13:43

Tgt Ion:	82	Resp:	636011
Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.9	53.9
54	52.9	40.9	61.3

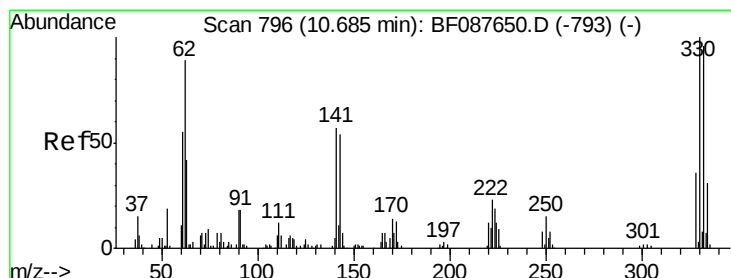
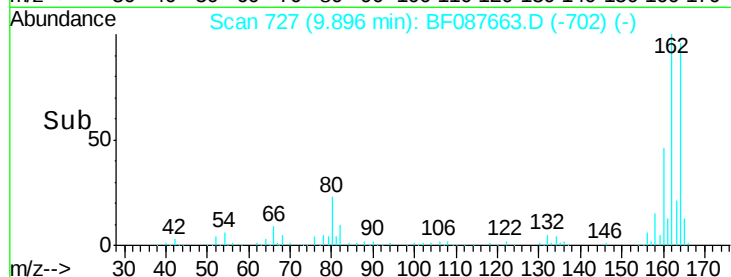
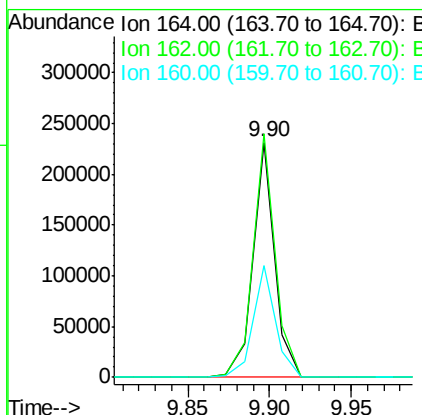
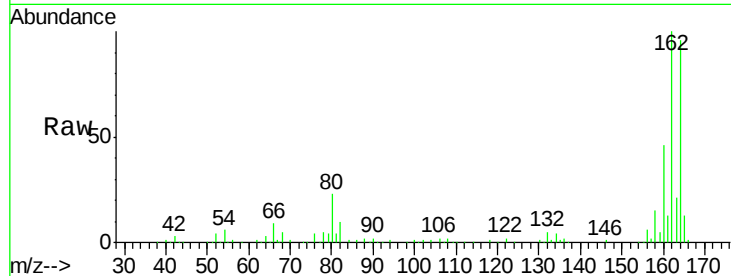




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: BF087663.D
 Acq: 4 Jun 2016 13:43

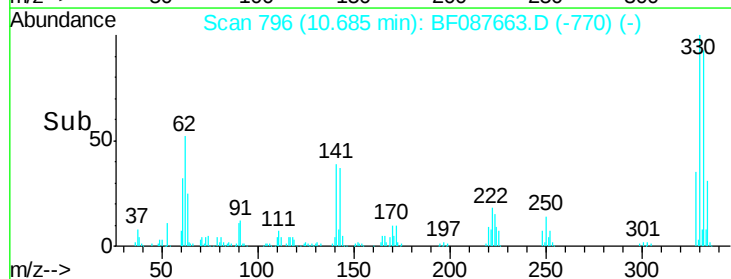
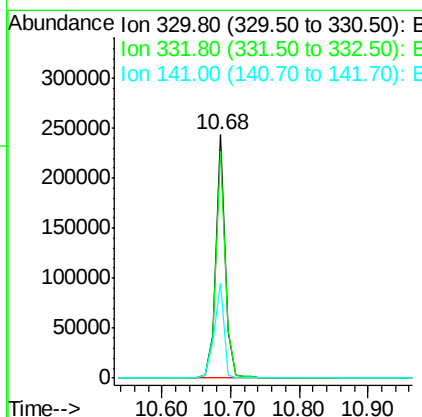
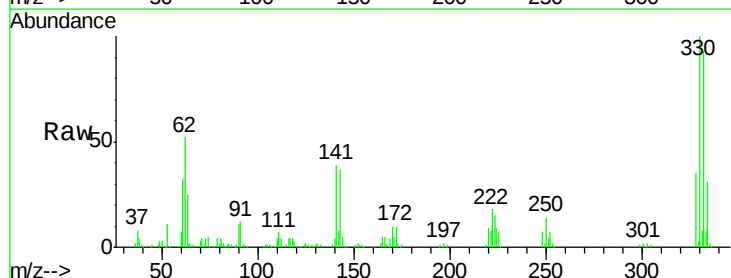
Instrument :
 BNA_F
 ClientSampleId :
 PB91062BL

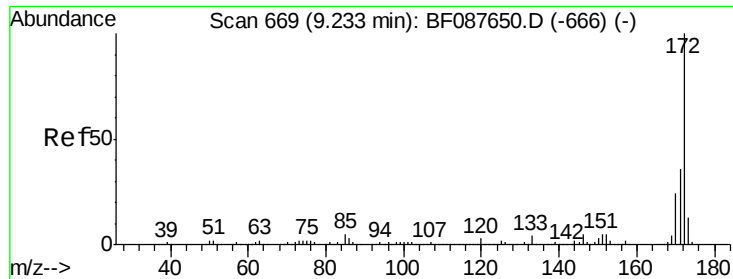
Tgt Ion:164 Resp: 212437
 Ion Ratio Lower Upper
 164 100
 162 103.7 85.4 128.2
 160 47.5 39.5 59.3



#41
 2,4,6-Tribromophenol
 Concen: 111.61 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF087663.D
 Acq: 4 Jun 2016 13:43

Tgt Ion:330 Resp: 238011
 Ion Ratio Lower Upper
 330 100
 332 95.0 0.0 0.0#
 141 40.3 0.0 0.0#

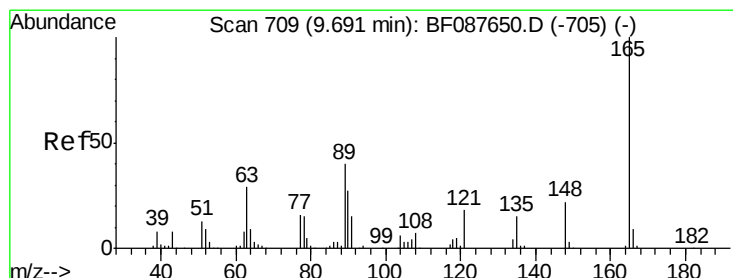
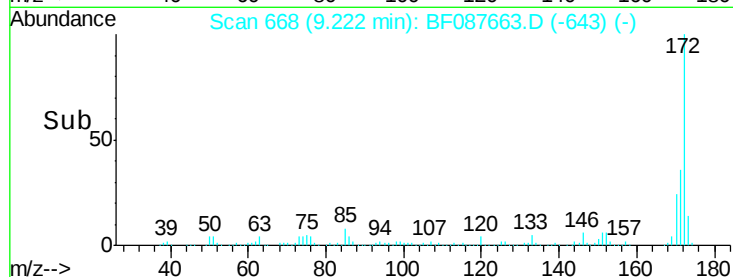
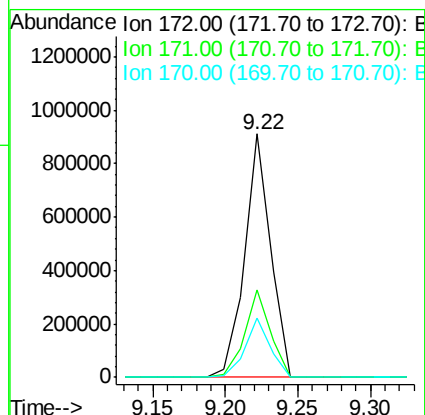
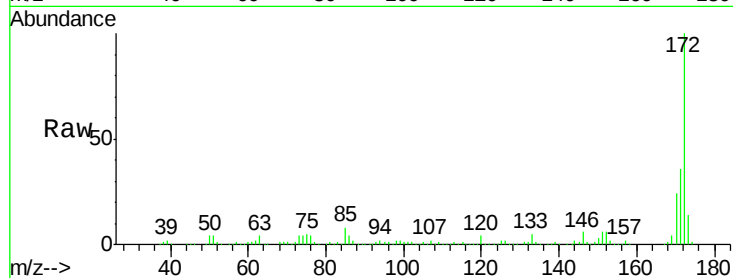




#44
 2-Fluorobiphenyl
 Concen: 79.45 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087663.D
 Acq: 4 Jun 2016 13:43

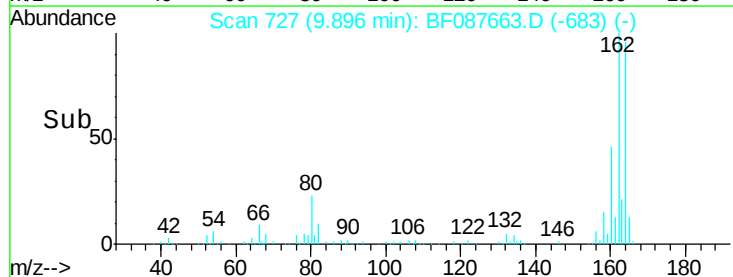
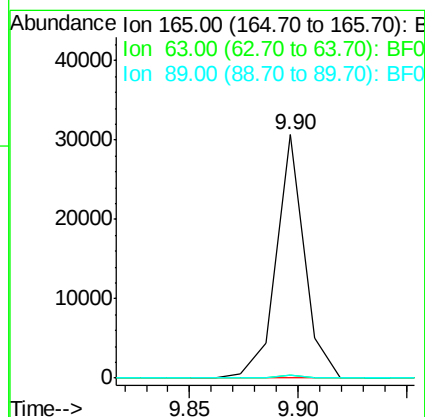
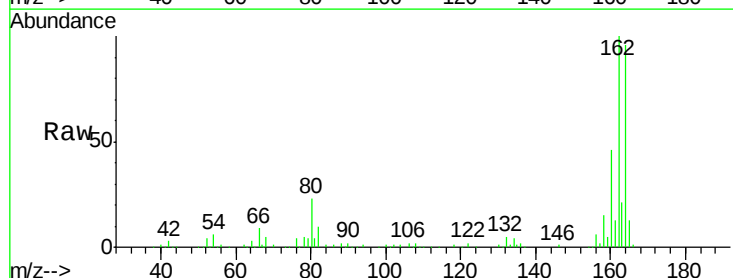
Instrument :
 BNA_F
 ClientSampleId :
 PB91062BL

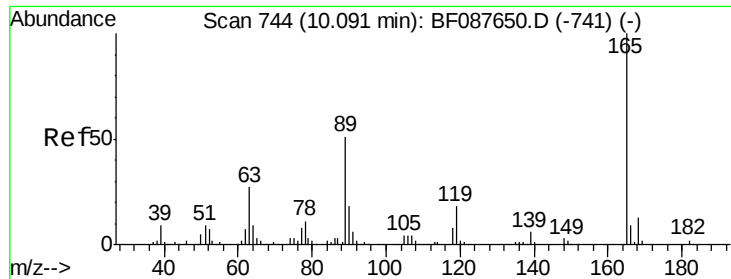
Tgt Ion:172 Resp: 1122915
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 24.1 19.2 28.8



#50
 2,6-Dinitrotoluene
 Concen: 7.91 ng
 RT: 9.90 min Scan# 727
 Delta R.T. 0.21 min
 Lab File: BF087663.D
 Acq: 4 Jun 2016 13:43

Tgt Ion:165 Resp: 27783
 Ion Ratio Lower Upper
 165 100
 63 1.1 28.1 42.1#
 89 1.4 32.2 48.2#

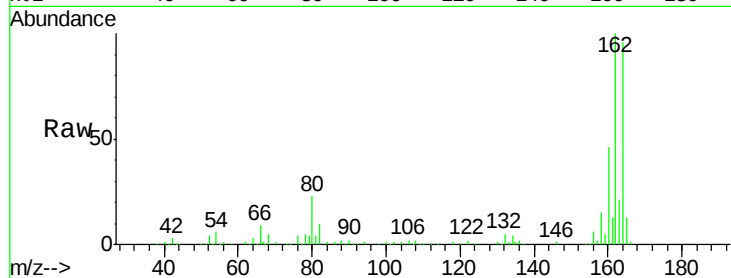




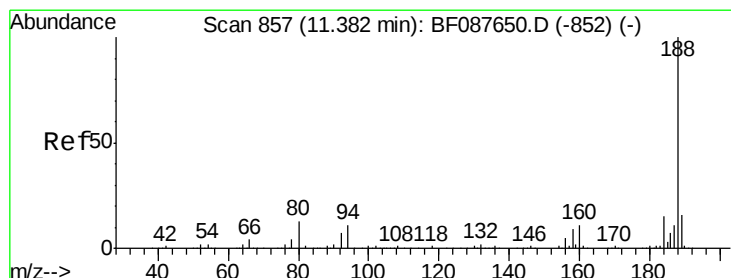
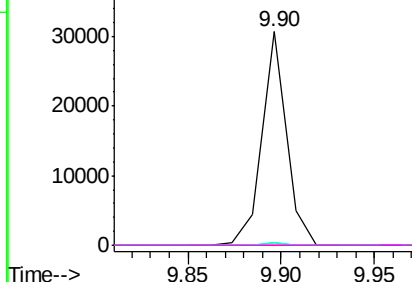
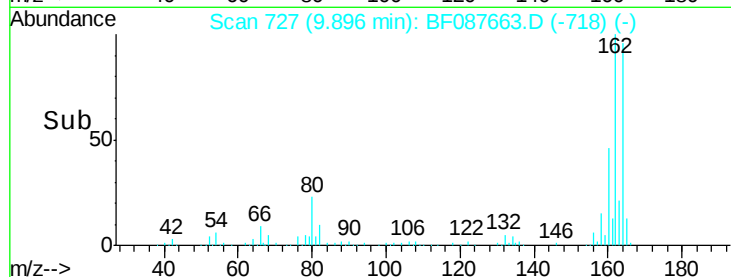
#56
 2,4-Dinitrotoluene
 Concen: 6.21 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.19 min
 Lab File: BF087663.D
 Acq: 4 Jun 2016 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB91062BL

Tgt Ion:165 Resp: 27784
 Ion Ratio Lower Upper
 165 100
 63 1.1 22.0 33.0#
 89 1.4 41.1 61.7#
 182 0.0 2.0 3.0#

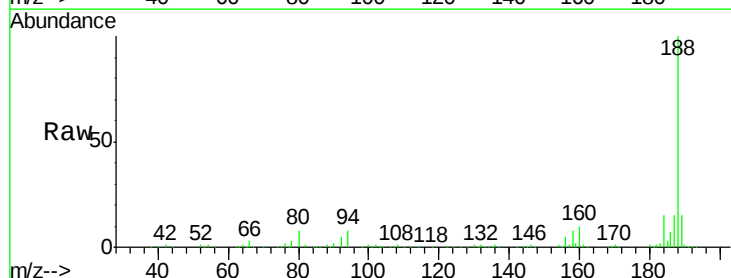


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

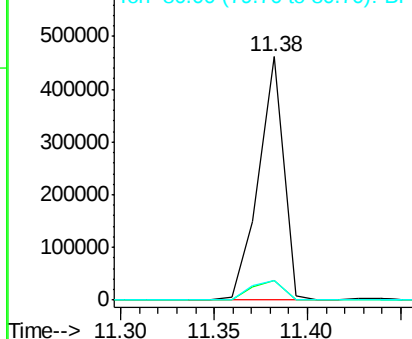
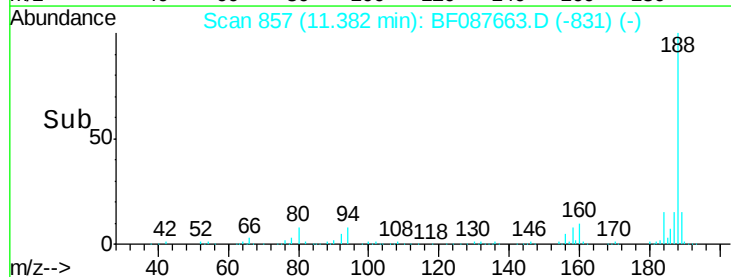


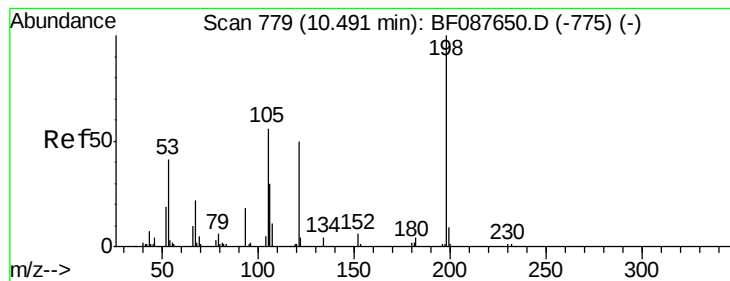
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BF087663.D
 Acq: 4 Jun 2016 13:43

Tgt Ion:188 Resp: 429176
 Ion Ratio Lower Upper
 188 100
 94 8.0 9.0 13.6#
 80 8.2 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: 2.17 ng

RT: 10.68 min Scan# 796

Delta R.T. 0.19 min

Lab File: BF087663.D

Acq: 4 Jun 2016 13:43

Instrument :

BNA_F

ClientSampleId :

PB91062BL

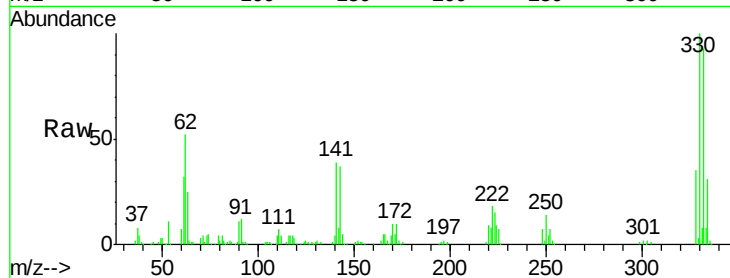
Tgt Ion:198 Resp: 381

Ion Ratio Lower Upper

198 100

51 169.4 39.6 79.6#

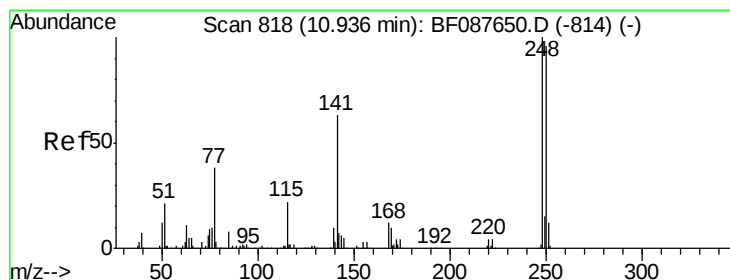
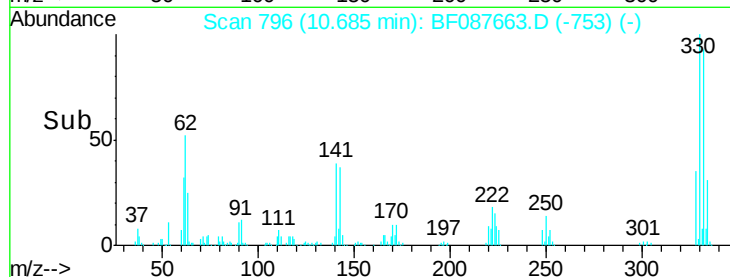
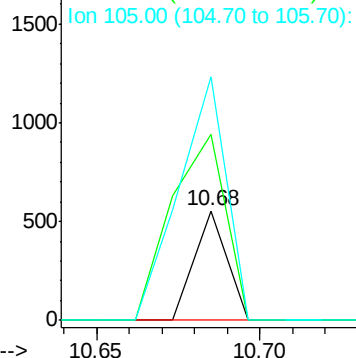
105 222.0 36.6 76.6#



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: 3.52 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.25 min

Lab File: BF087663.D

Acq: 4 Jun 2016 13:43

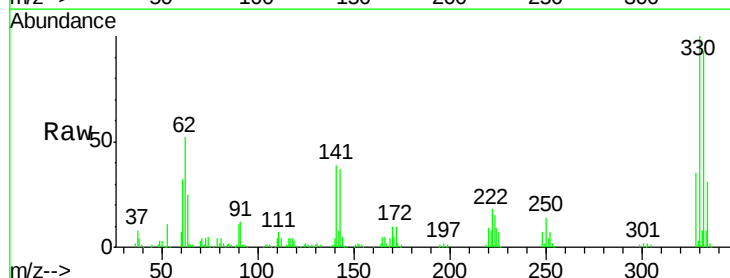
Tgt Ion:248 Resp: 14961

Ion Ratio Lower Upper

248 100

250 198.8 77.1 115.7#

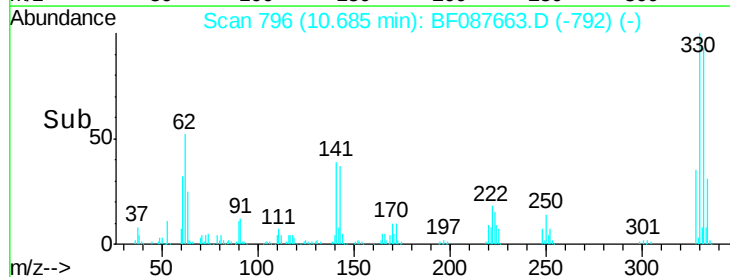
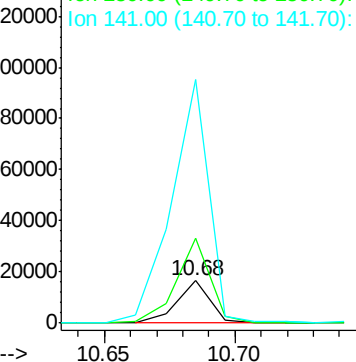
141 571.6 50.6 76.0#

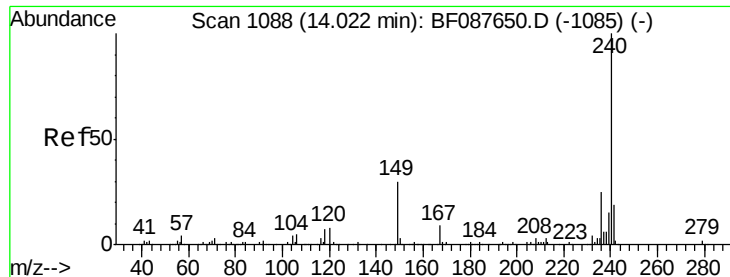


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF087663.D

Acq: 4 Jun 2016 13:43

Instrument :

BNA_F

ClientSampleId :

PB91062BL

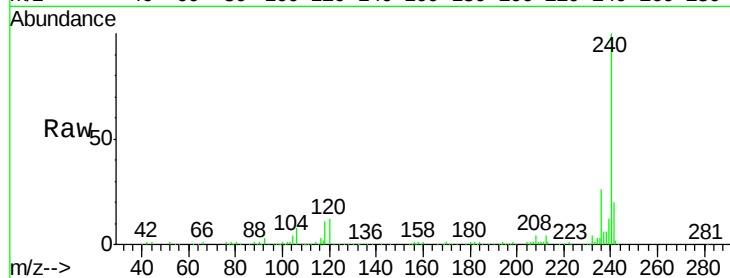
Tgt Ion:240 Resp: 353448

Ion Ratio Lower Upper

240 100

120 11.8 6.8 10.2#

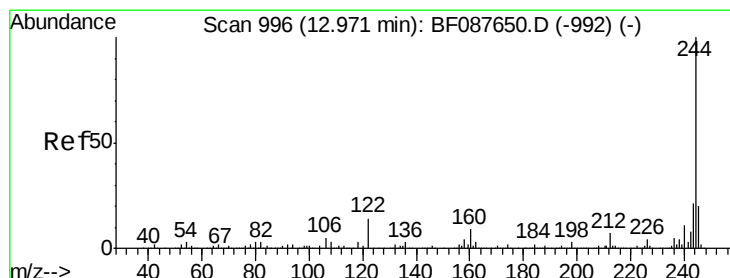
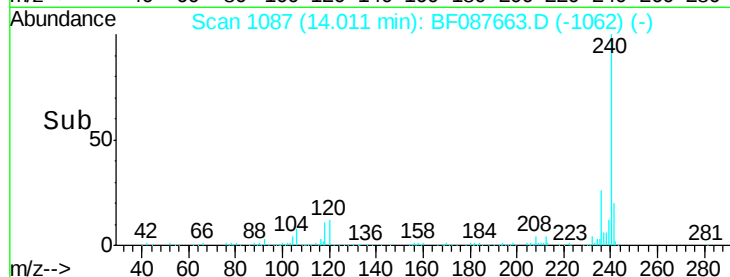
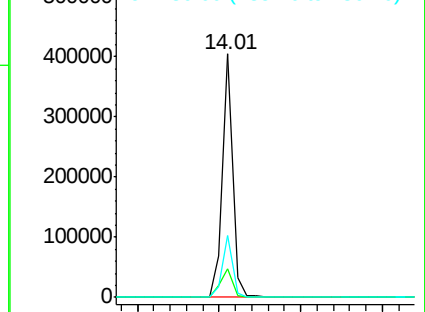
236 25.6 20.2 30.2



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: 69.76 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF087663.D

Acq: 4 Jun 2016 13:43

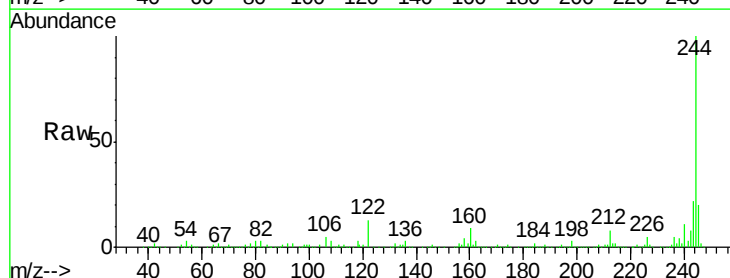
Tgt Ion:244 Resp: 1010412

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

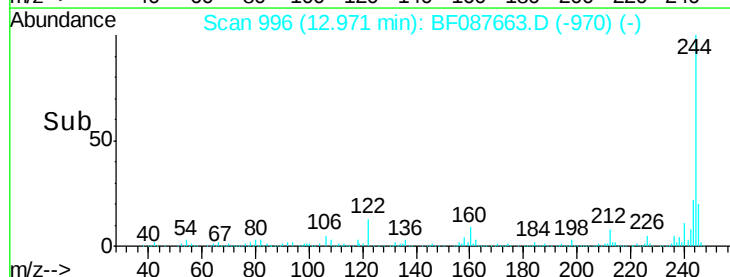
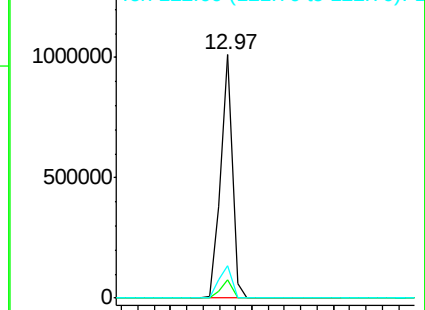
122 13.4 11.2 16.8

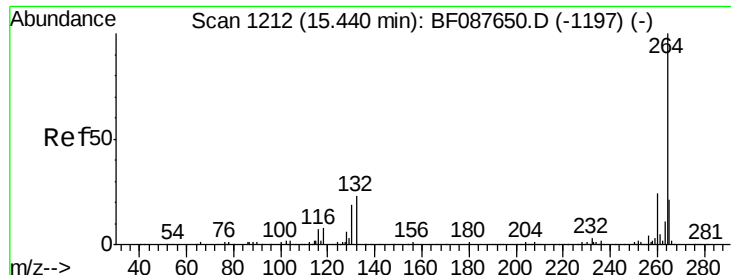


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF087663.D
Acq: 4 Jun 2016 13:43

Instrument :
BNA_F
ClientSampleId :
PB91062BL

Tgt Ion: 264 Resp: 266362
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 22.0 16.9 25.3

