

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
 Data File : BF087702.D
 Acq On : 5 Jun 2016 11:42
 Operator : UM/SJ
 Sample : H3312-06
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW3

Quant Time: Jun 06 01:19:45 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

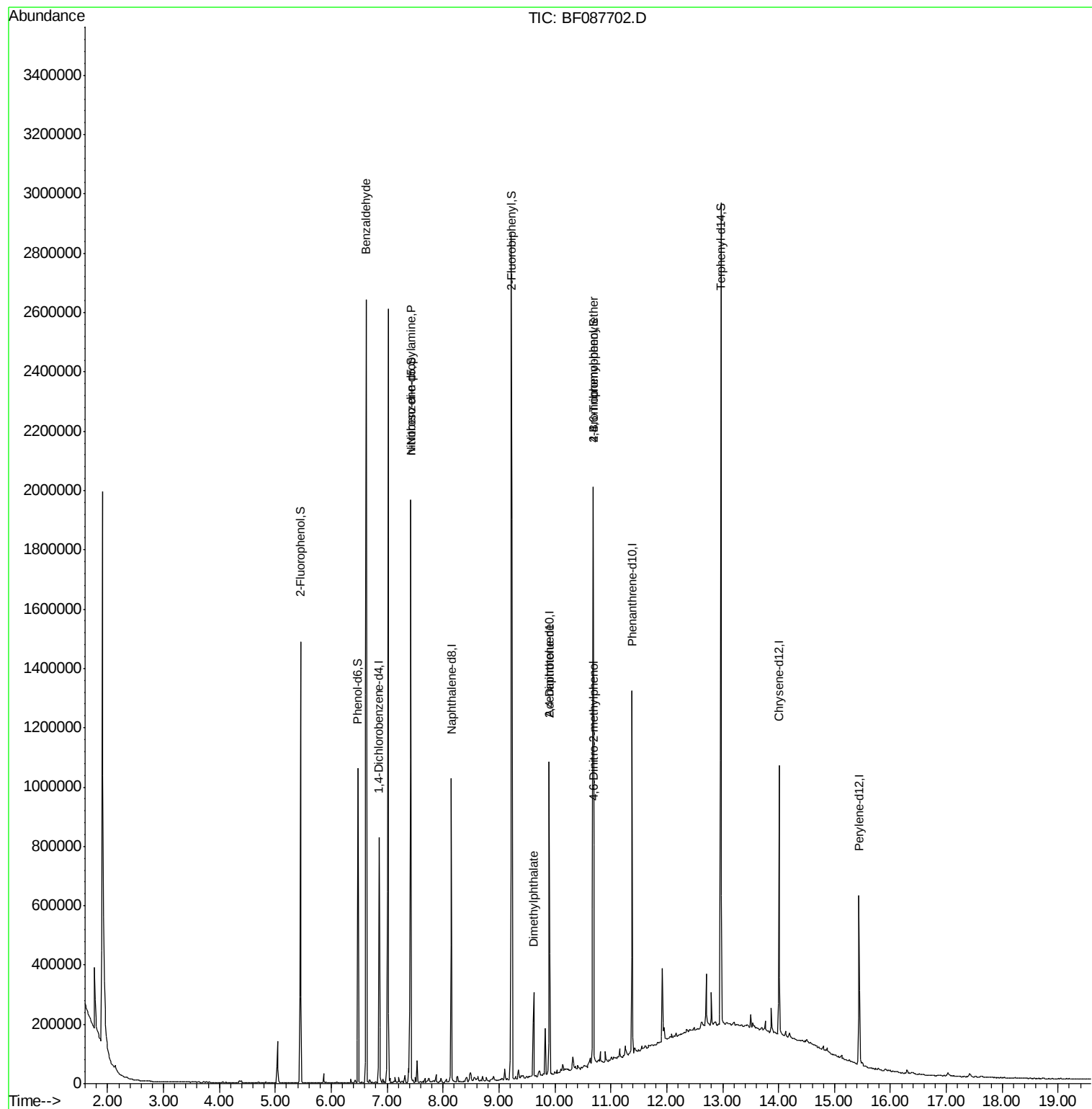
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	122921	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	532258	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	224817	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	432822	20.00	ng	0.00
75) Chrysene-d12	14.01	240	296666	20.00	ng	-0.01
86) Perylene-d12	15.44	264	247661	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	422471	55.55	ng	0.00
7) Phenol-d6	6.48	99	346093	36.29	ng	-0.01
23) Nitrobenzene-d5	7.43	82	784551	85.28	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	291448	129.15	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1316039	92.51	ng	-0.01
78) Terphenyl-d14	12.97	244	933850	76.81	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	18509	2.87	ng	# 73
19) n-Nitroso-di-n-propylamine	7.43	70	105584	17.73	ng	# 74
49) Dimethylphthalate	9.62	163	157208	9.62	ng	98
56) 2,4-Dinitrotoluene	9.90	165	28286	5.97	ng	# 39
60) 4-Chlorophenyl-phenylether	10.63	204	715	Below Cal		# 55
64) 4,6-Dinitro-2-methylphenol	10.70	198	8190	5.28	ng	# 37
66) 4-Bromophenyl-phenylether	10.68	248	16040	3.74	ng	# 1

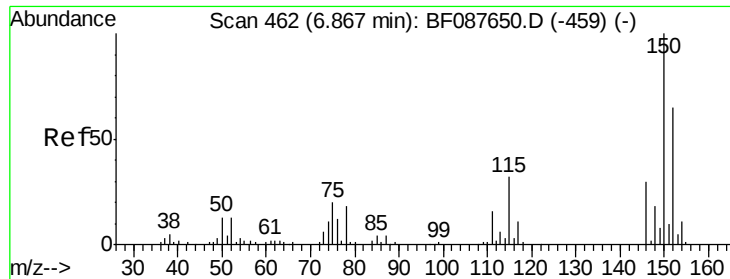
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087702.D

Acq: 5 Jun 2016 11:42

Instrument :

BNA_F

ClientSampleId :

SW3

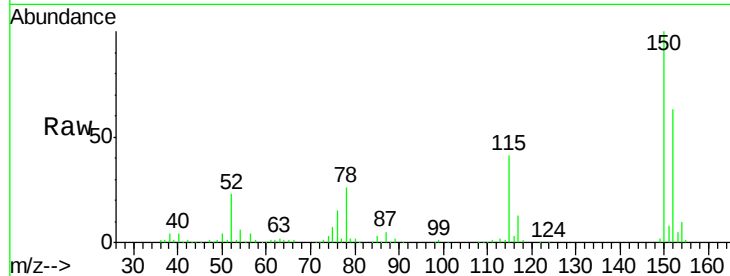
Tgt Ion:152 Resp: 122921

Ion Ratio Lower Upper

152 100

150 158.7 123.8 185.6

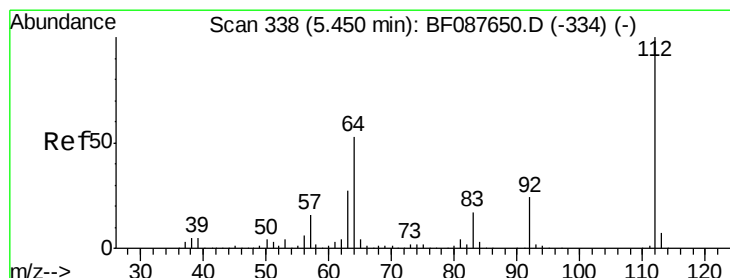
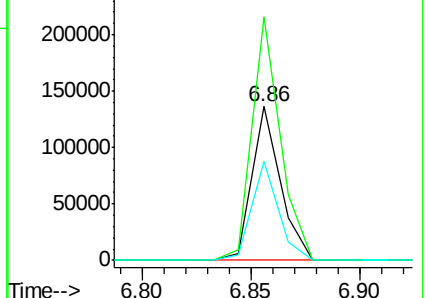
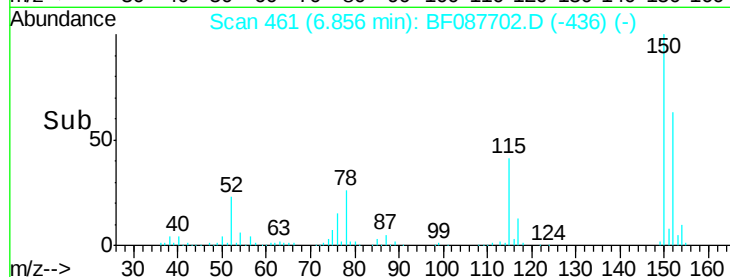
115 64.8 39.6 59.4#



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: 55.55 ng

RT: 5.45 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF087702.D

Acq: 5 Jun 2016 11:42

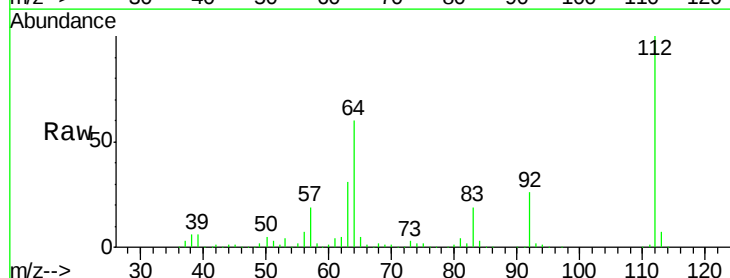
Tgt Ion:112 Resp: 422471

Ion Ratio Lower Upper

112 100

64 60.2 42.2 63.2

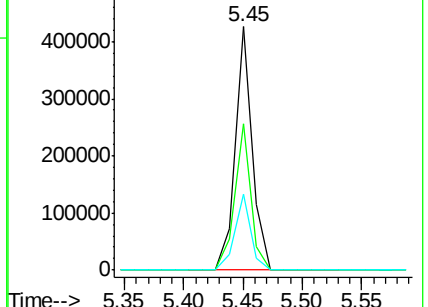
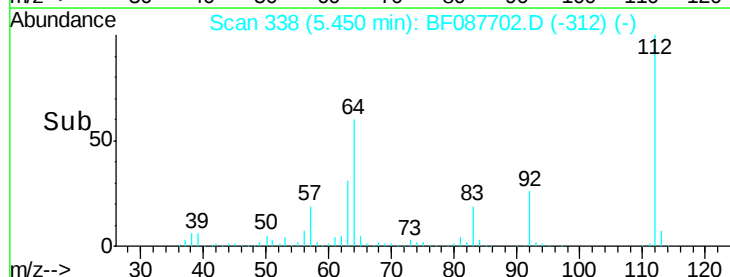
63 30.9 21.8 32.8

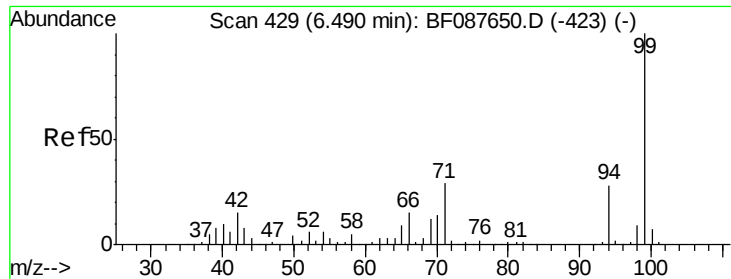


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.29 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087702.D

Acq: 5 Jun 2016 11:42

Instrument :

BNA_F

ClientSampled :

SW3

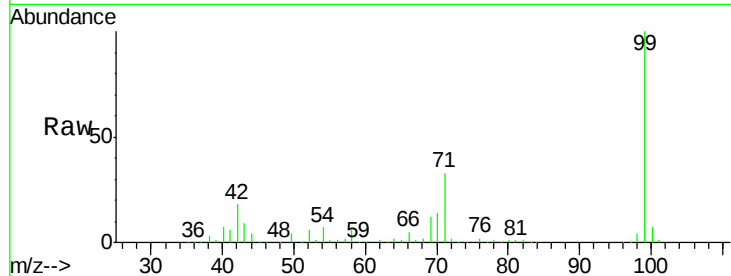
Tgt Ion: 99 Resp: 346093

Ion Ratio Lower Upper

99 100

42 18.4 12.2 18.2#

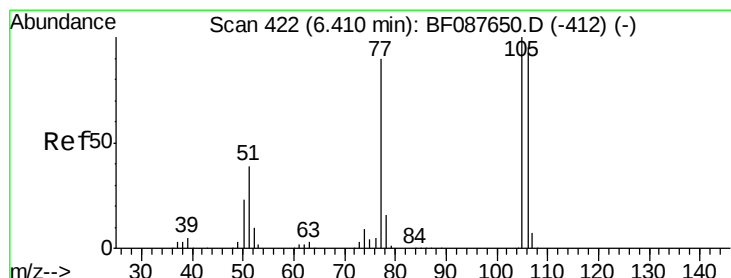
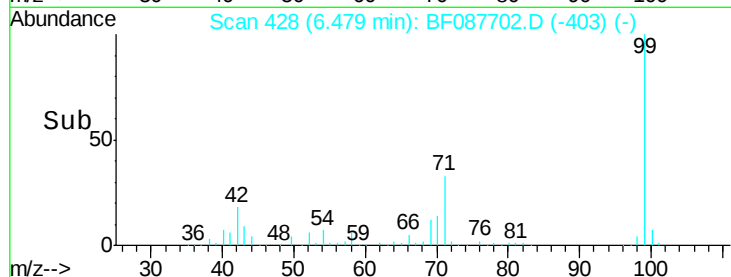
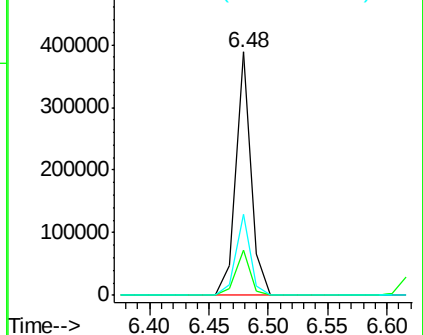
71 33.0 23.4 35.0



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



#9

Benzaldehyde

Concen: 2.87 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.22 min

Lab File: BF087702.D

Acq: 5 Jun 2016 11:42

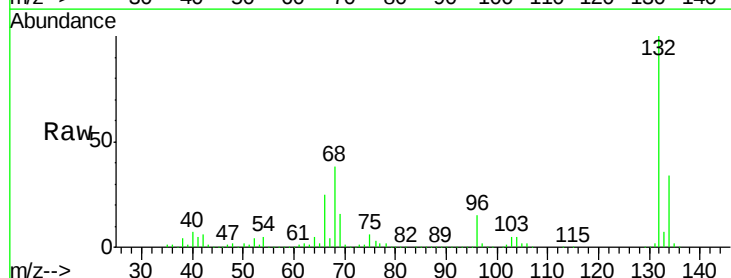
Tgt Ion: 77 Resp: 18509

Ion Ratio Lower Upper

77 100

105 83.0 90.6 130.6#

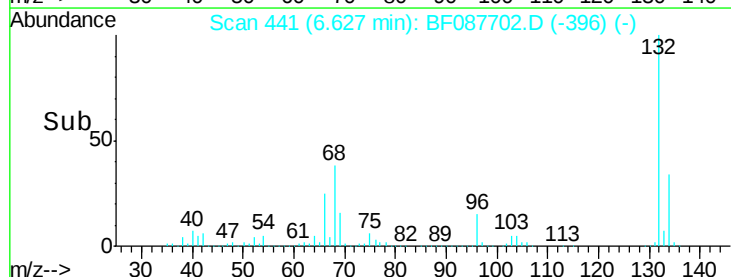
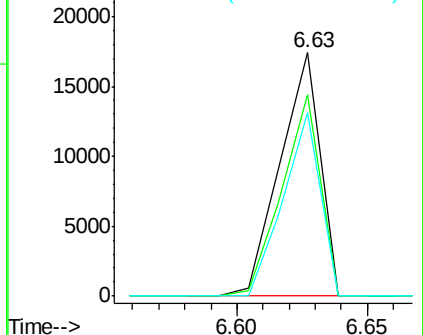
106 75.5 85.3 125.3#

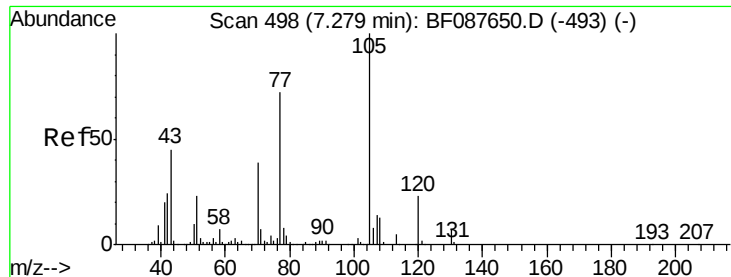


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

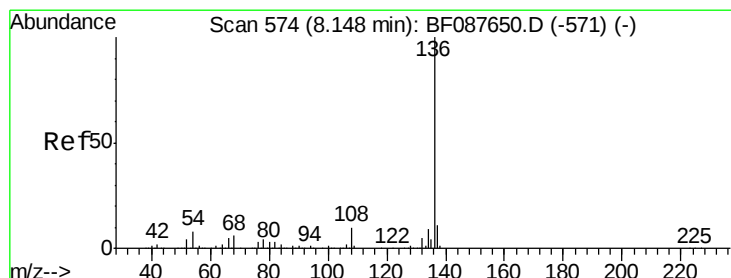
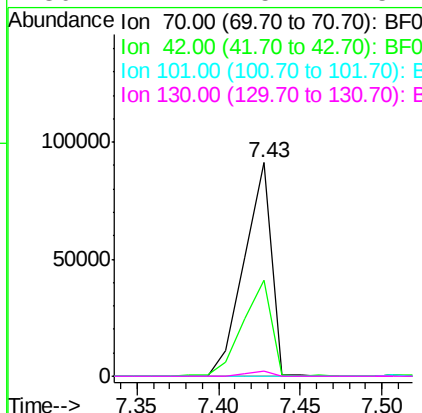
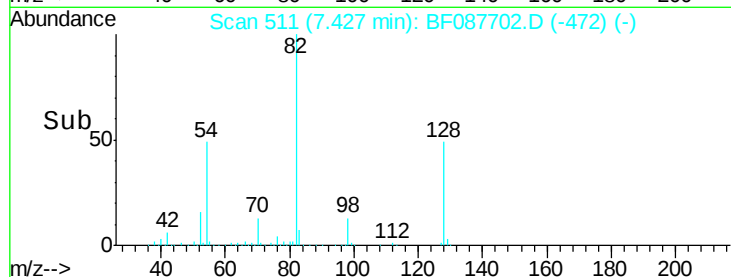
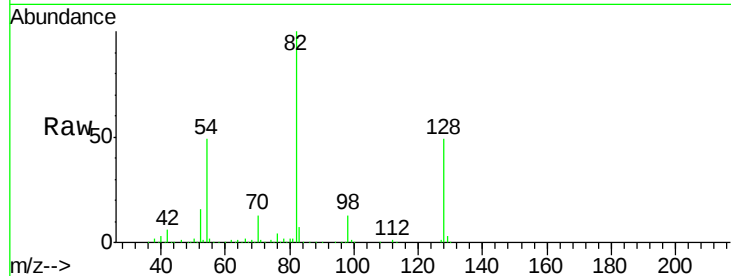




#19
n-Nitroso-di-n-propylamine
Concen: 17.73 ng
RT: 7.43 min Scan# 511
Delta R.T. 0.15 min
Lab File: BF087702.D
Acq: 5 Jun 2016 11:42

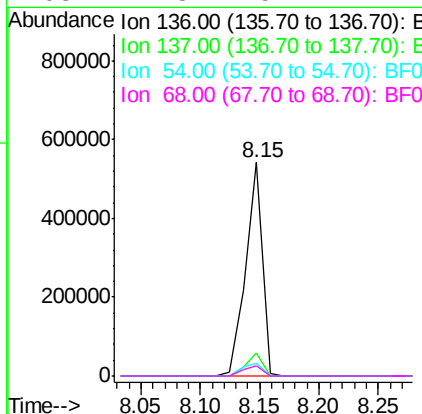
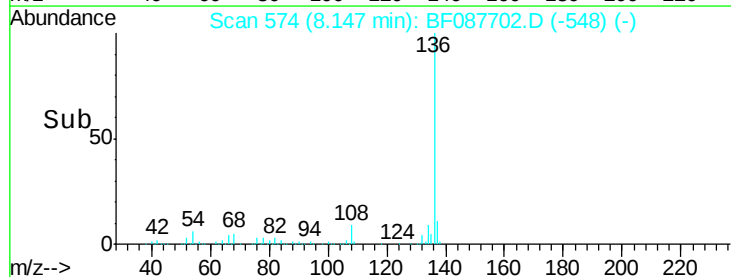
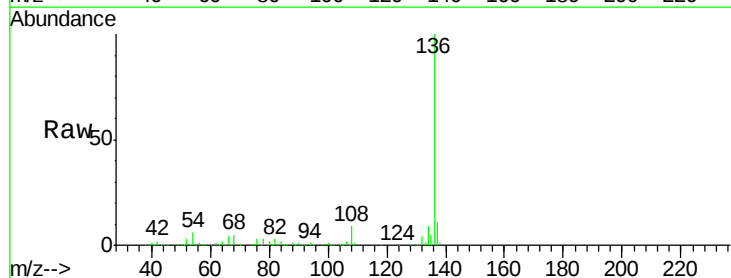
Instrument :
BNA_F
ClientSampleId :
SW3

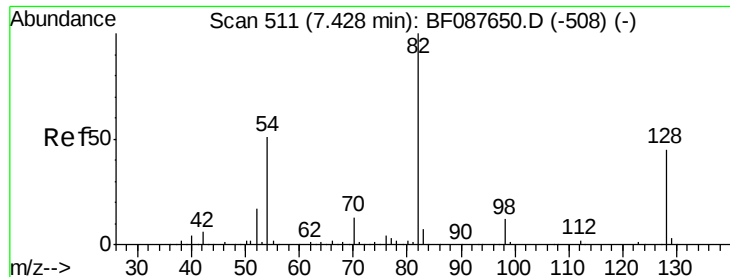
Tgt Ion: 70 Resp: 105584
Ion Ratio Lower Upper
70 100
42 44.7 49.6 74.4#
101 0.0 7.1 10.7#
130 2.4 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF087702.D
Acq: 5 Jun 2016 11:42

Tgt Ion: 136 Resp: 532258
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 6.0 6.6 10.0#
68 4.8 5.1 7.7#

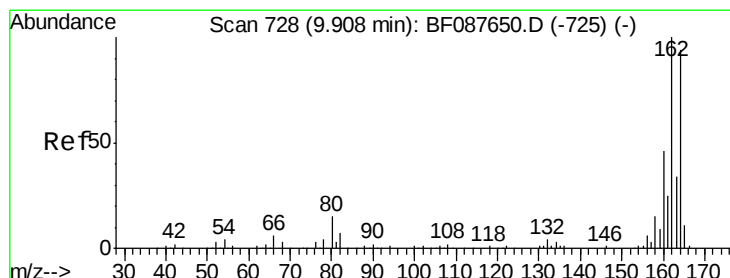
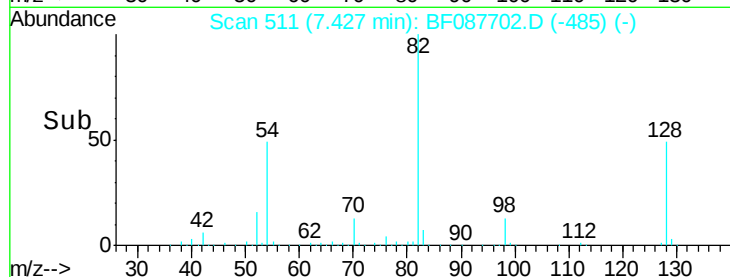
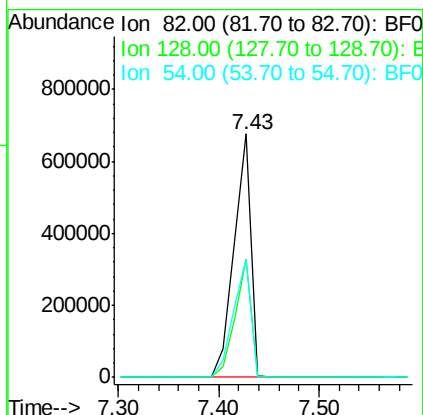
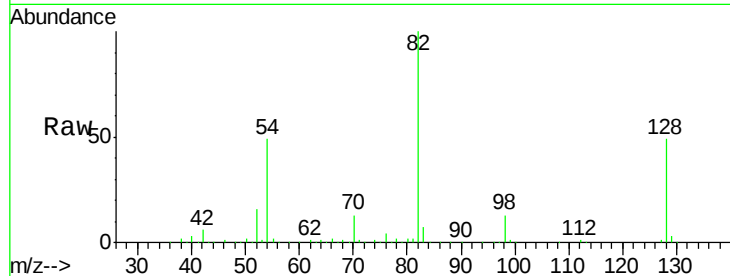




#23
 Nitrobenzene-d5
 Concen: 85.28 ng
 RT: 7.43 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF087702.D
 Acq: 5 Jun 2016 11:42

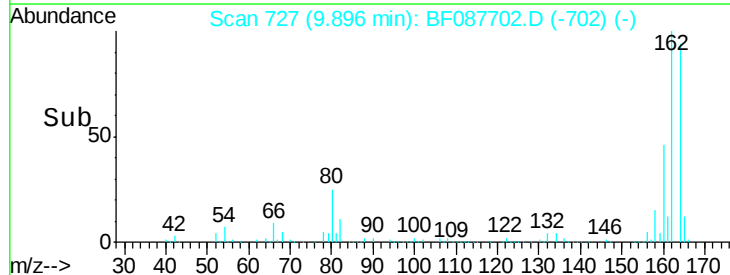
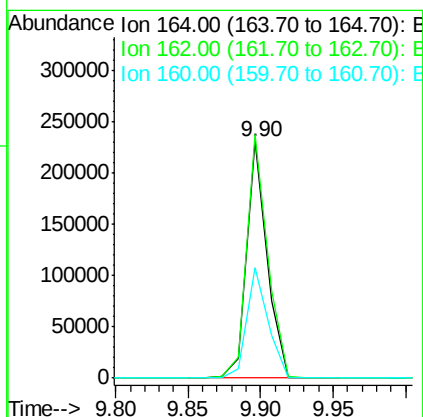
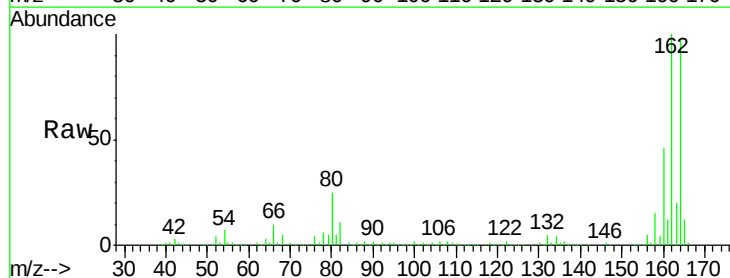
Instrument :
 BNA_F
 ClientSampleId :
 SW3

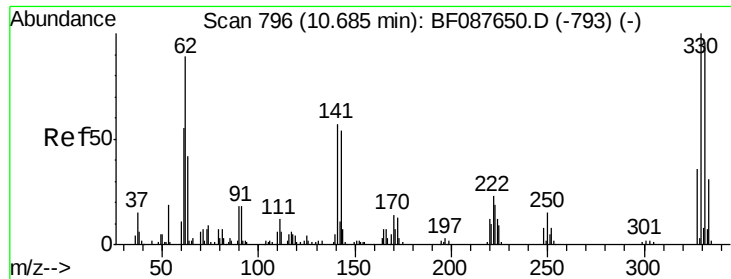
Tgt Ion: 82 Resp: 784551
 Ion Ratio Lower Upper
 82 100
 128 48.6 35.9 53.9
 54 48.7 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: BF087702.D
 Acq: 5 Jun 2016 11:42

Tgt Ion: 164 Resp: 224817
 Ion Ratio Lower Upper
 164 100
 162 102.9 85.4 128.2
 160 46.8 39.5 59.3

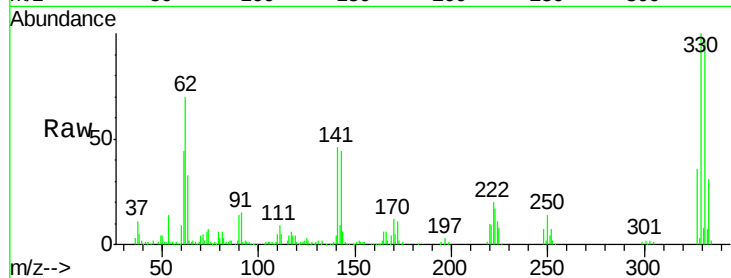




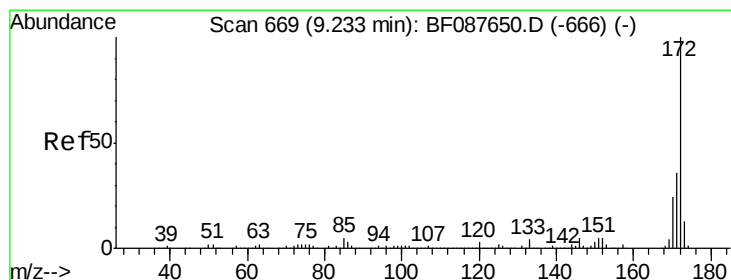
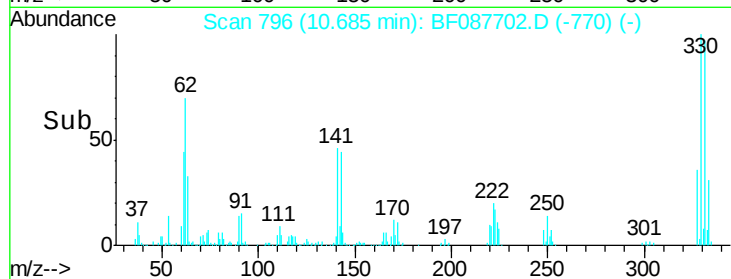
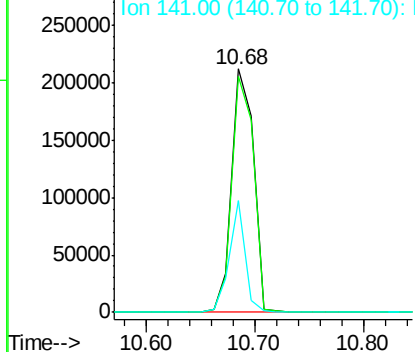
#41
 2,4,6-Tribromophenol
 Concen: 129.15 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF087702.D
 Acq: 5 Jun 2016 11:42

Instrument :
 BNA_F
 ClientSampleId :
 SW3

Tgt Ion:330 Resp: 291448
 Ion Ratio Lower Upper
 330 100
 332 97.0 0.0 0.0#
 141 33.8 0.0 0.0#

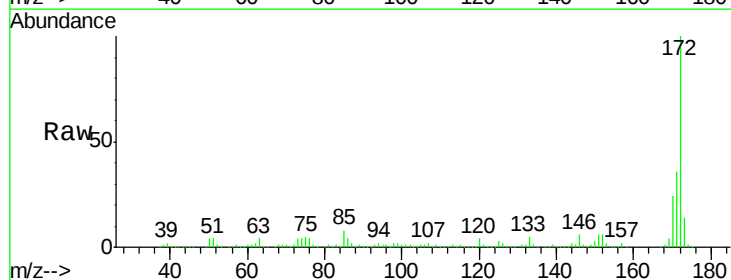


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

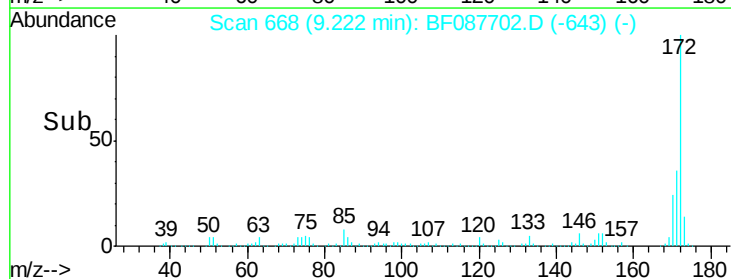
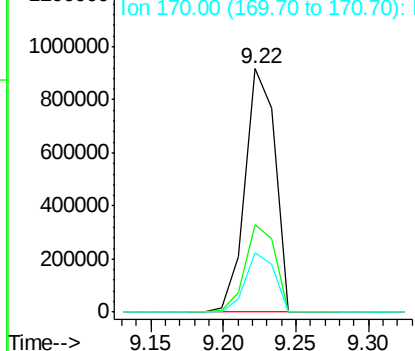


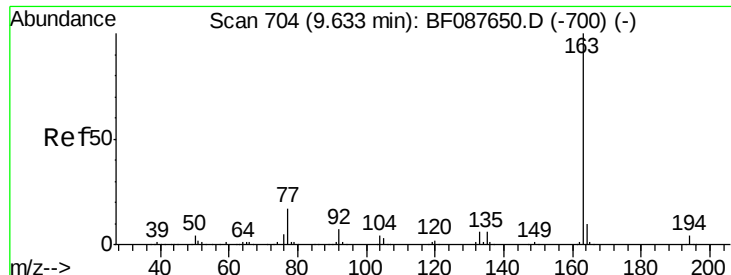
#44
 2-Fluorobiphenyl
 Concen: 92.51 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087702.D
 Acq: 5 Jun 2016 11:42

Tgt Ion:172 Resp: 1316039
 Ion Ratio Lower Upper
 172 100
 171 35.9 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: 9.62 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF087702.D

Acq: 5 Jun 2016 11:42

Instrument :

BNA_F

ClientSampleId :

SW3

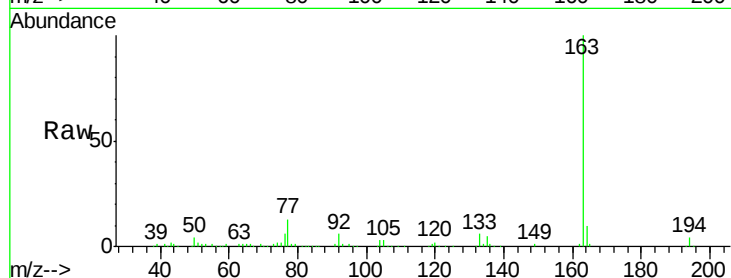
Tgt Ion:163 Resp: 157208

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

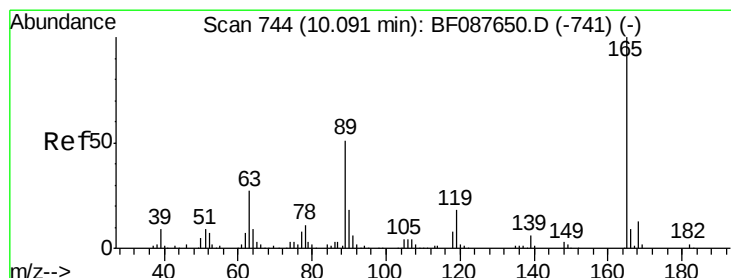
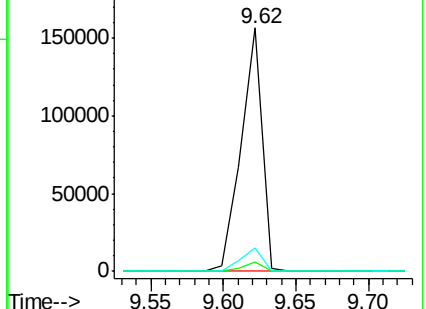
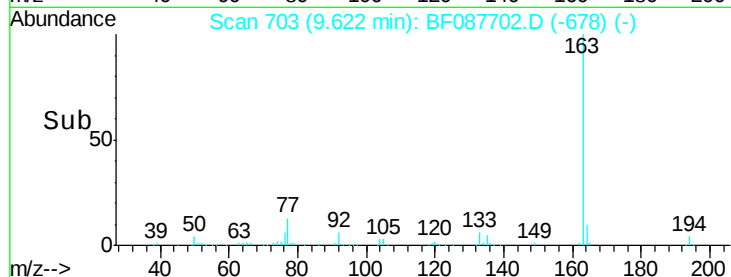
164 9.7 8.3 12.5



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: 5.97 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.19 min

Lab File: BF087702.D

Acq: 5 Jun 2016 11:42

Tgt Ion:165 Resp: 28286

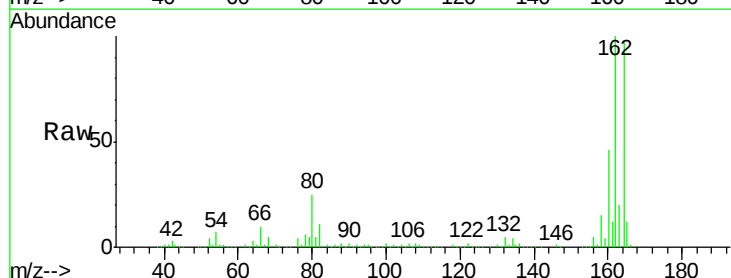
Ion Ratio Lower Upper

165 100

63 2.2 22.0 33.0#

89 1.9 41.1 61.7#

182 0.0 2.0 3.0#

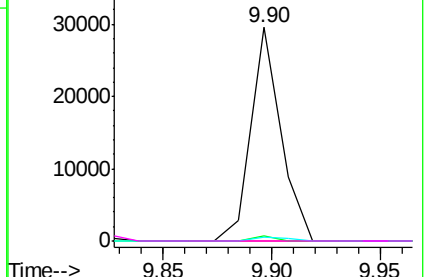
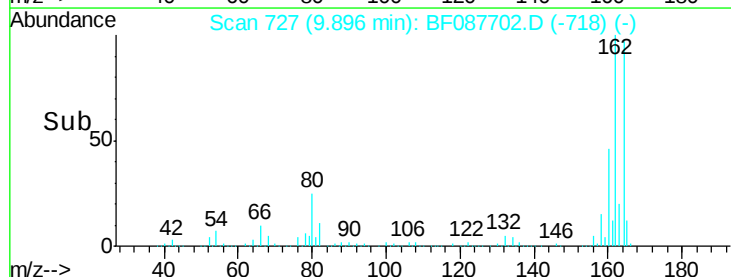


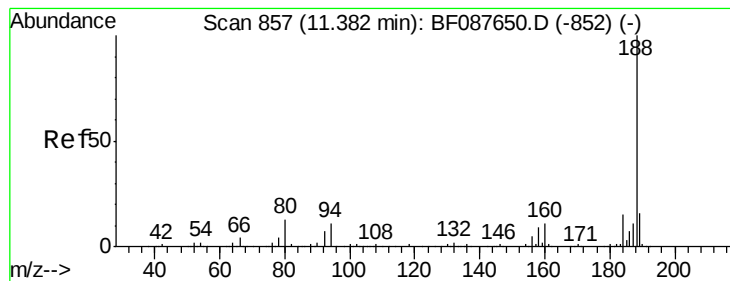
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF087702.D

Acq: 5 Jun 2016 11:42

Instrument :

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ClientSampleId :

SW3

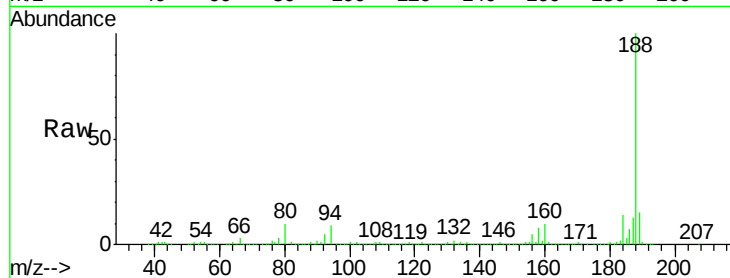
Tgt Ion:188 Resp: 432822

Ion Ratio Lower Upper

188 100

94 9.4 9.0 13.6

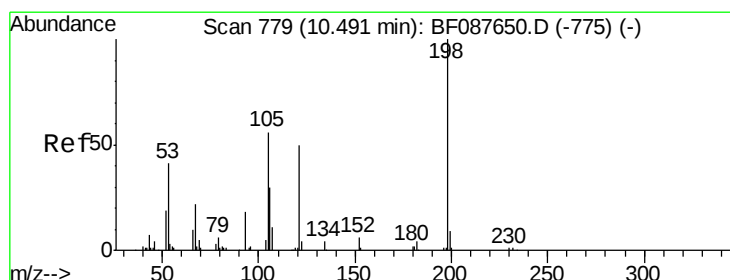
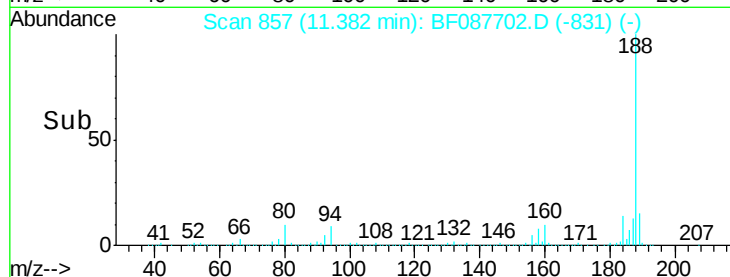
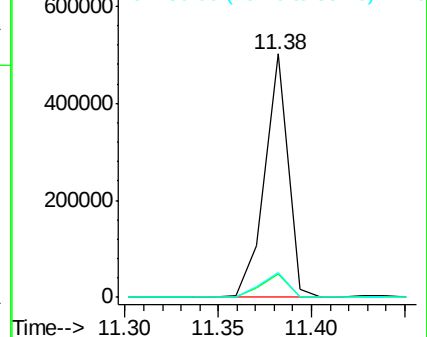
80 10.0 10.0 15.0#



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: 5.28 ng

RT: 10.70 min Scan# 797

Delta R.T. 0.21 min

Lab File: BF087702.D

Acq: 5 Jun 2016 11:42

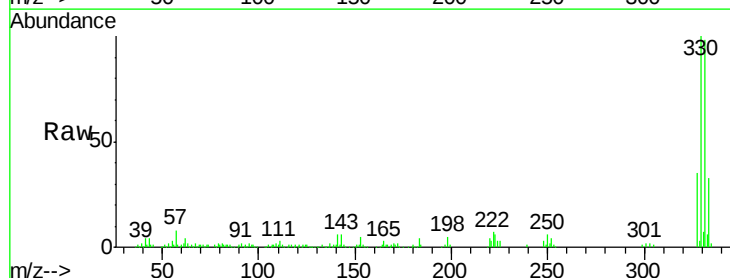
Tgt Ion:198 Resp: 8190

Ion Ratio Lower Upper

198 100

51 10.3 39.6 79.6#

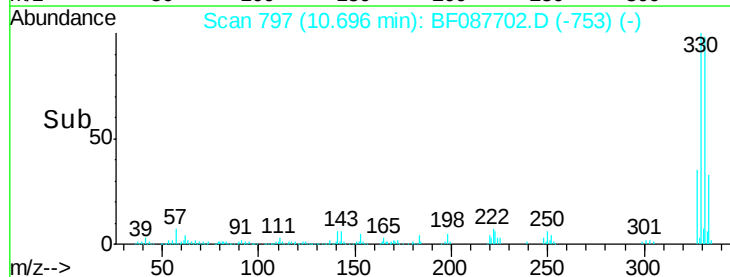
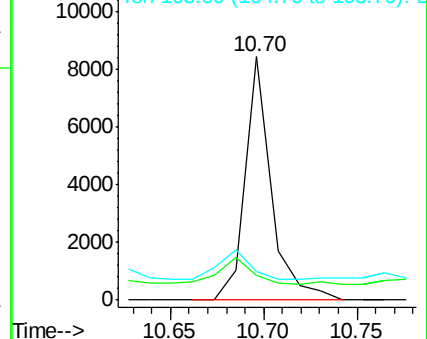
105 11.8 36.6 76.6#

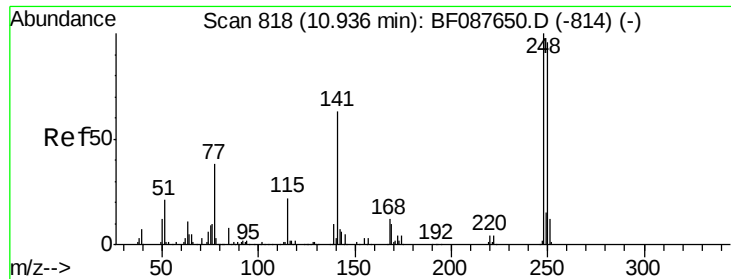


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

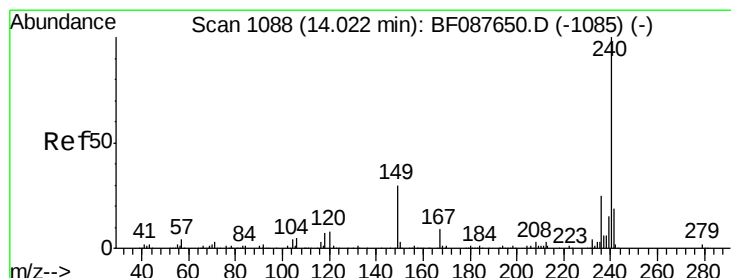
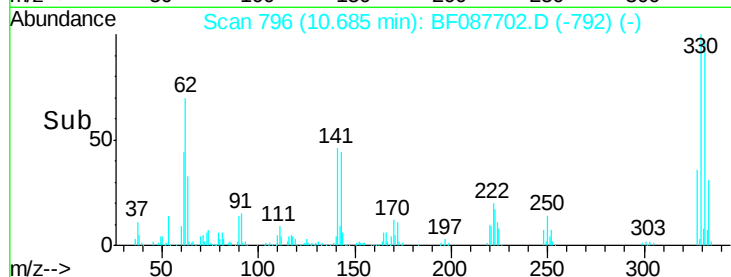
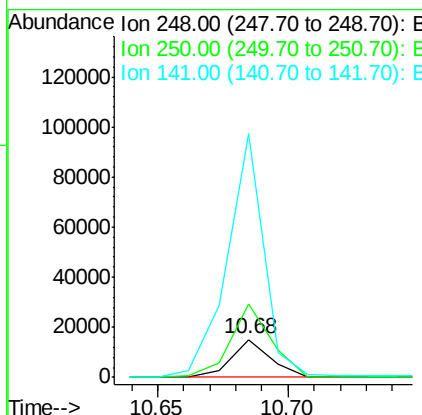
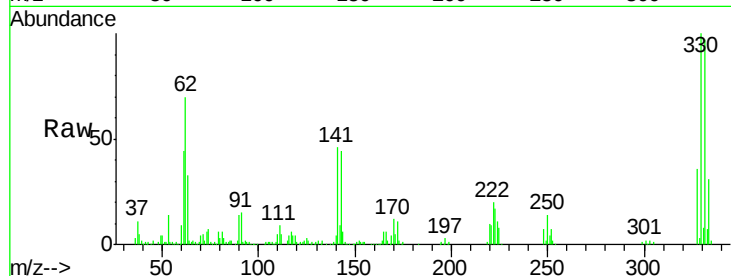




#66
4-Bromophenyl-phenylether
Concen: 3.74 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.25 min
Lab File: BF087702.D
Acq: 5 Jun 2016 11:42

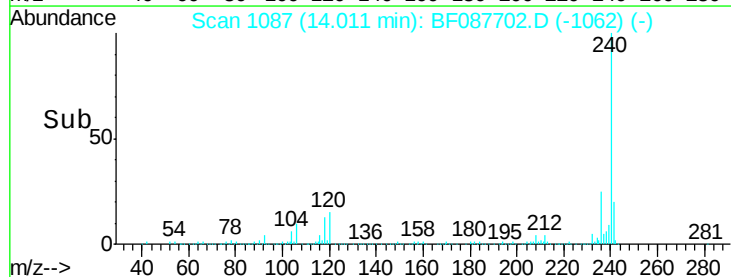
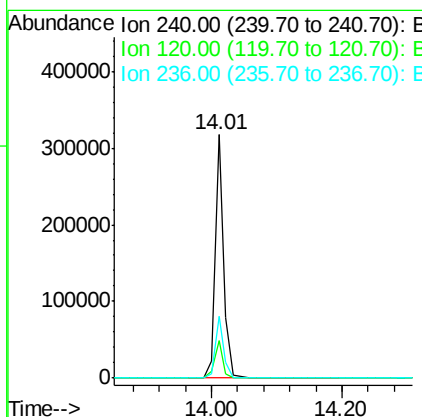
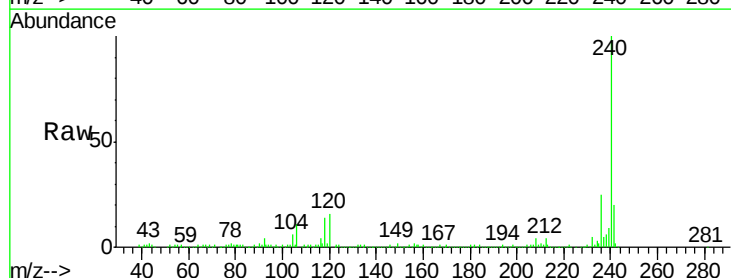
Instrument :
BNA_F
ClientSampleId :
SW3

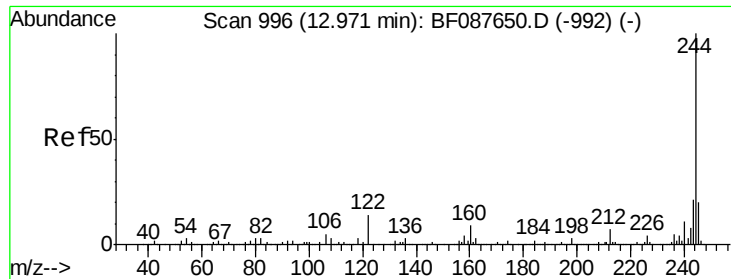
Tgt Ion:248 Resp: 16040
Ion Ratio Lower Upper
248 100
250 194.8 77.1 115.7#
141 641.2 50.6 76.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BF087702.D
Acq: 5 Jun 2016 11:42

Tgt Ion:240 Resp: 296666
Ion Ratio Lower Upper
240 100
120 15.5 6.8 10.2#
236 25.2 20.2 30.2

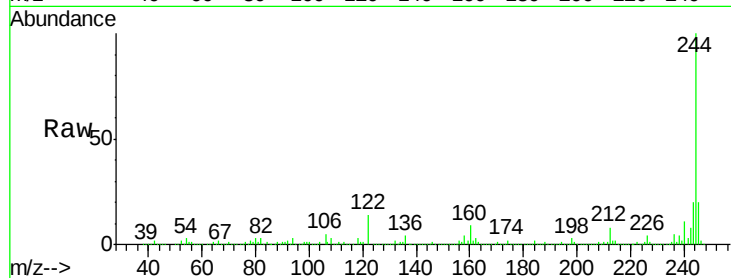




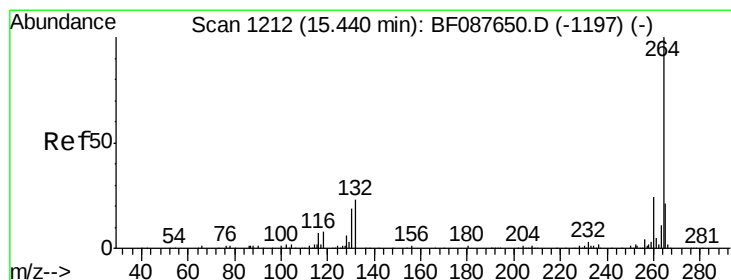
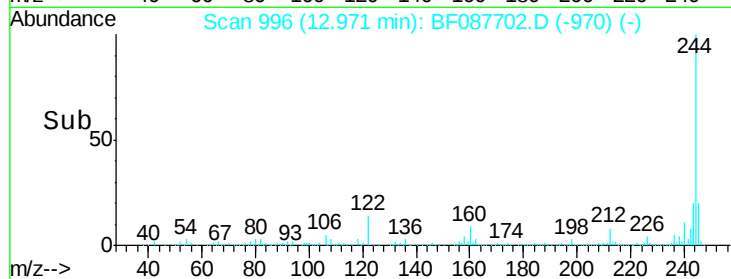
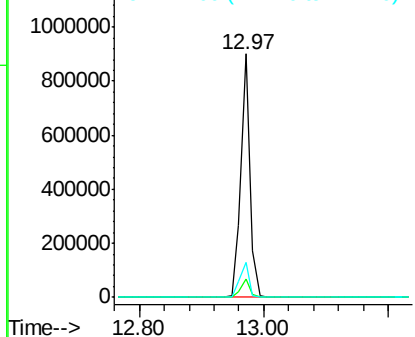
#78
 Terphenyl-d14
 Concen: 76.81 ng
 RT: 12.97 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF087702.D
 Acq: 5 Jun 2016 11:42

Instrument :
 BNA_F
 ClientSampleId :
 SW3

Tgt Ion:244 Resp: 933850
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 14.4 11.2 16.8

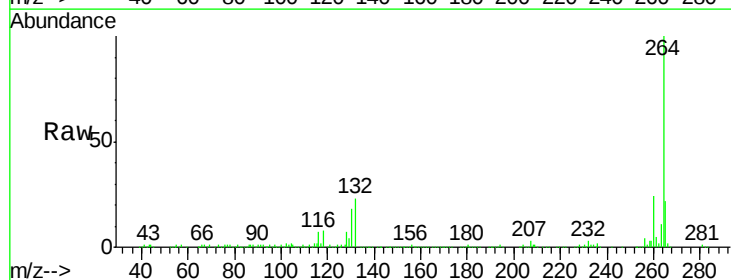


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF087702.D
 Acq: 5 Jun 2016 11:42

Tgt Ion:264 Resp: 247661
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.6 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

