

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
 Data File : BF087703.D
 Acq On : 5 Jun 2016 12:12
 Operator : UM/SJ
 Sample : H3385-03
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0980

Quant Time: Jun 06 01:19:59 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

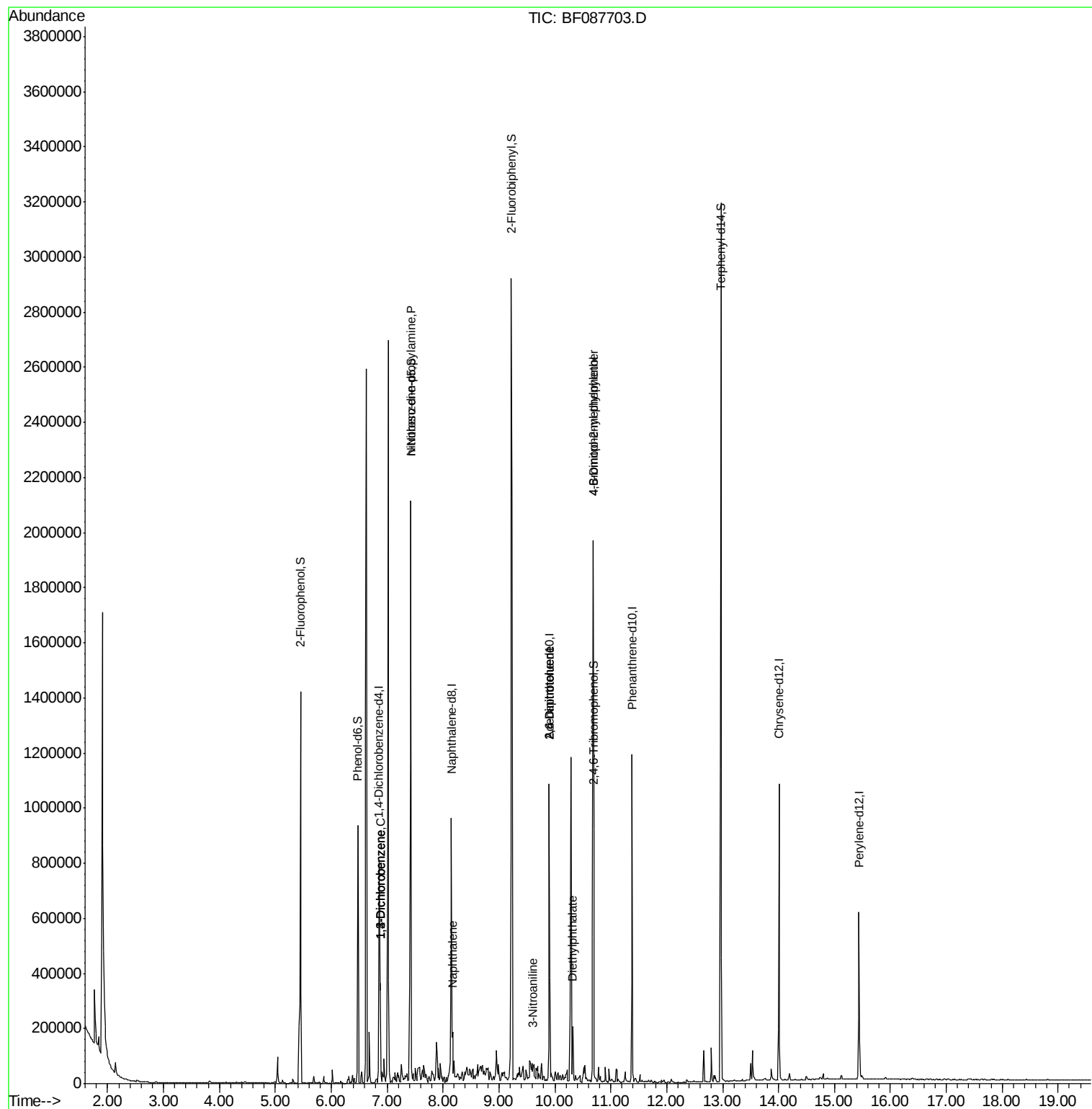
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	116886	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	487160	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	220203	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	428078	20.00	ng	0.00
75) Chrysene-d12	14.01	240	339056	20.00	ng	-0.01
86) Perylene-d12	15.44	264	254334	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	378926	52.40	ng	0.00
7) Phenol-d6	6.48	99	293733	32.39	ng	-0.01
23) Nitrobenzene-d5	7.43	82	824523	97.92	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	326004	147.49	ng	0.01
44) 2-Fluorobiphenyl	9.22	172	1420553	109.12	ng	-0.01
78) Terphenyl-d14	12.97	244	1058881	76.21	ng	0.00
Target Compounds						
12) 1,3-Dichlorobenzene	6.88	146	89029	9.99	ng	Qvalue # 94
13) 1,4-Dichlorobenzene	6.88	146	89029	9.96	ng	96
14) 1,2-Dichlorobenzene	6.88	146	89029	10.62	ng	99
19) n-Nitroso-di-n-propylamine	7.43	70	113945	20.12	ng	# 74
31) Naphthalene	8.17	128	89172	3.76	ng	99
50) 2,6-Dinitrotoluene	9.90	165	29377	8.07	ng	# 40
52) 3-Nitroaniline	9.60	138	11863	2.85	ng	# 1
56) 2,4-Dinitrotoluene	9.90	165	29608	6.38	ng	# 39
59) Diethylphthalate	10.32	149	62031	3.86	ng	98
64) 4,6-Dinitro-2-methylphenol	10.68	198	455	2.20	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	17908	4.22	ng	# 1

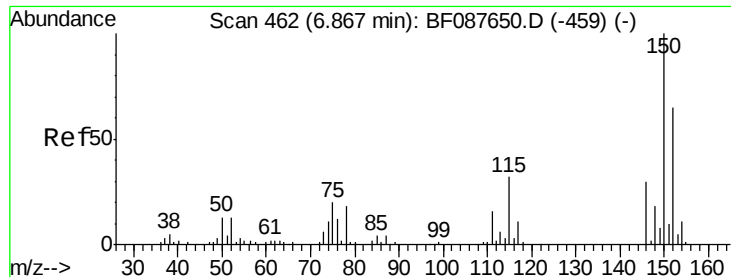
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087703.D

Acq: 5 Jun 2016 12:12

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0980

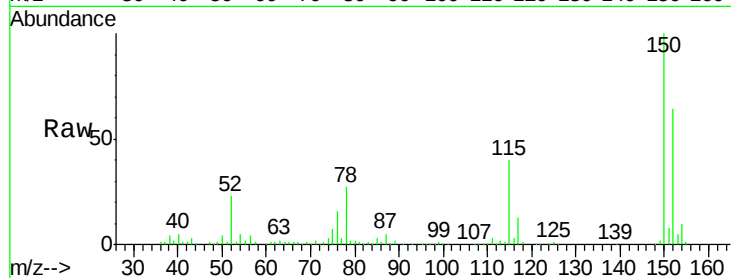
Tgt Ion:152 Resp: 116886

Ion Ratio Lower Upper

152 100

150 157.1 123.8 185.6

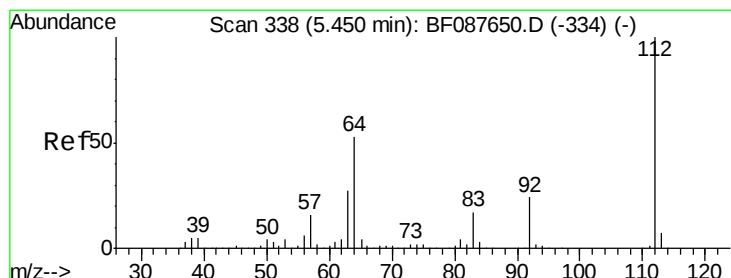
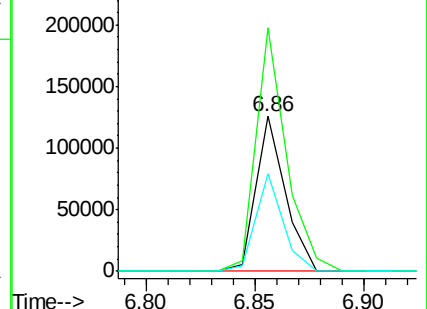
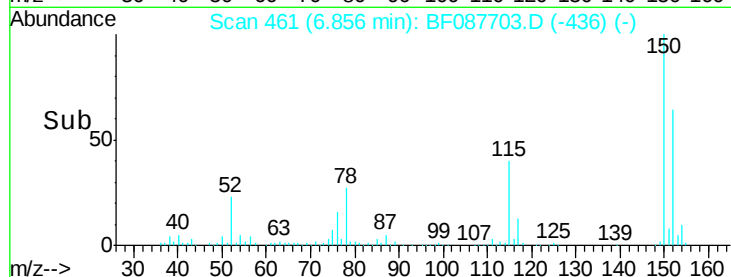
115 63.3 39.6 59.4#



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: 52.40 ng

RT: 5.45 min Scan# 338

Delta R.T. -0.00 min

Lab File: BF087703.D

Acq: 5 Jun 2016 12:12

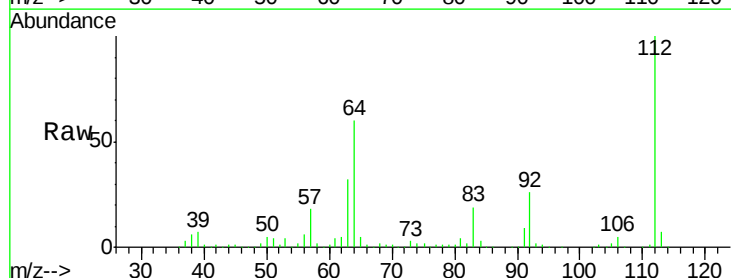
Tgt Ion:112 Resp: 378926

Ion Ratio Lower Upper

112 100

64 60.4 42.2 63.2

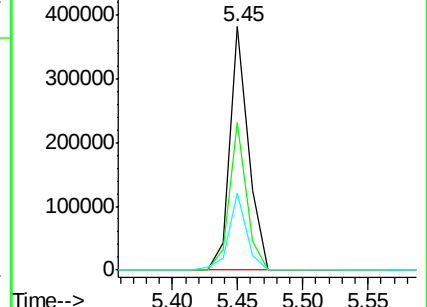
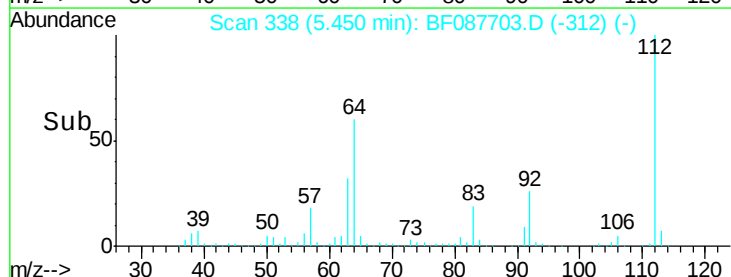
63 31.7 21.8 32.8

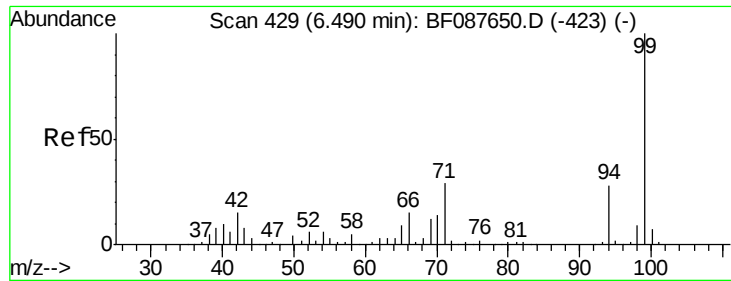


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 32.39 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087703.D

Acq: 5 Jun 2016 12:12

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0980

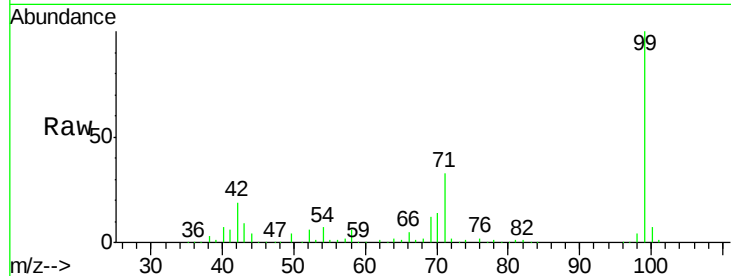
Tgt Ion: 99 Resp: 293733

Ion Ratio Lower Upper

99 100

42 18.9 12.2 18.2#

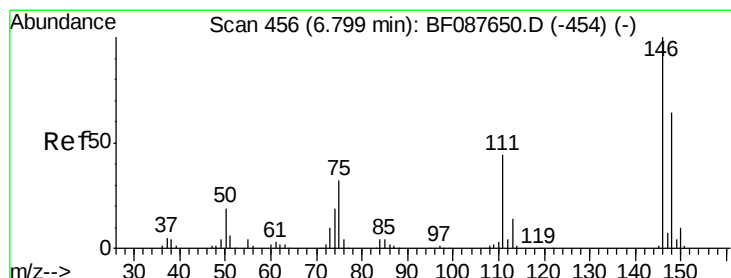
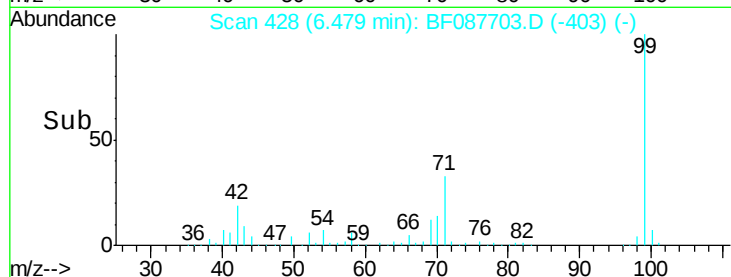
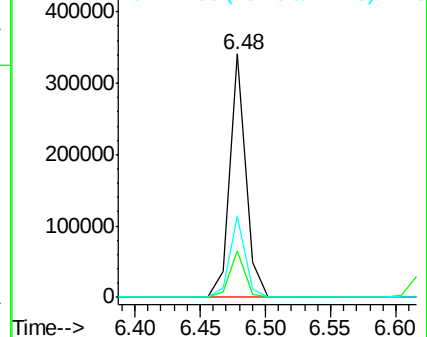
71 33.2 23.4 35.0



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



#12

1,3-Dichlorobenzene

Concen: 9.99 ng

RT: 6.88 min Scan# 463

Delta R.T. 0.08 min

Lab File: BF087703.D

Acq: 5 Jun 2016 12:12

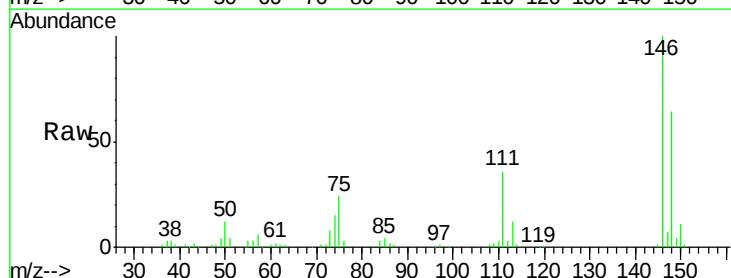
Tgt Ion: 146 Resp: 89029

Ion Ratio Lower Upper

146 100

148 64.5 50.9 76.3

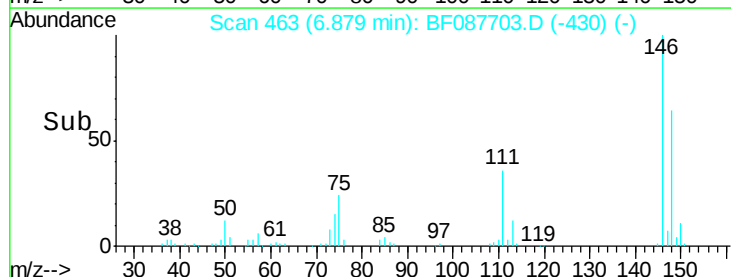
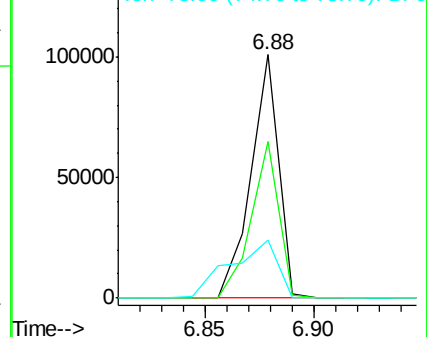
75 23.9 25.6 38.4#

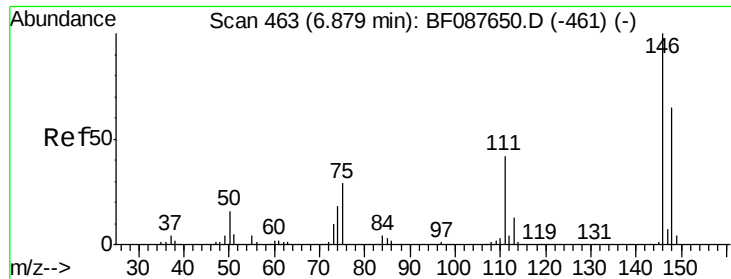


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

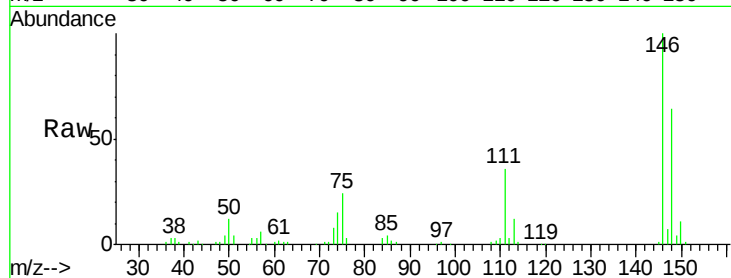




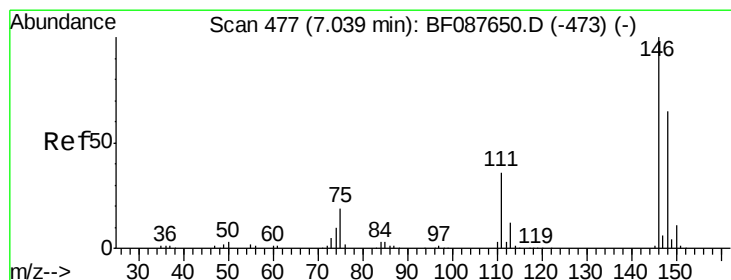
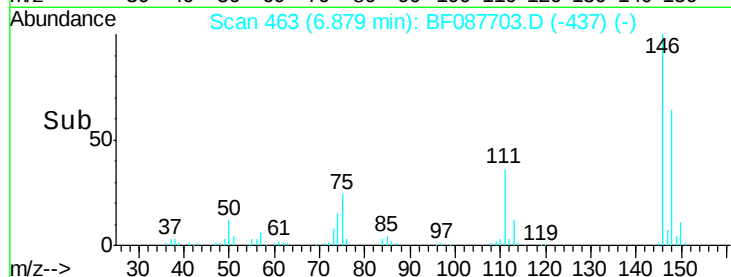
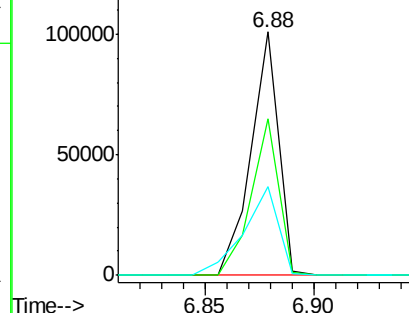
#13
 1,4-Dichlorobenzene
 Concen: 9.96 ng
 RT: 6.88 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF087703.D
 Acq: 5 Jun 2016 12:12

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0980

Tgt Ion:146 Resp: 89029
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.0 78.0
 111 36.5 33.8 50.8

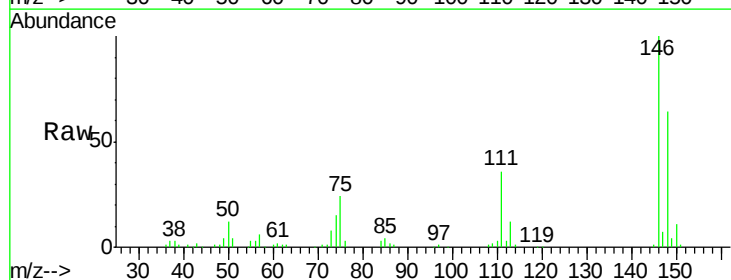


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

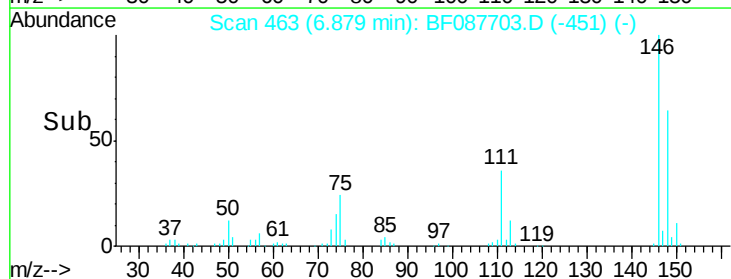
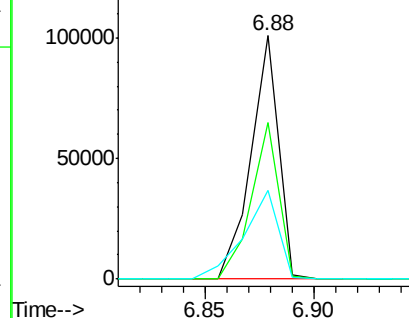


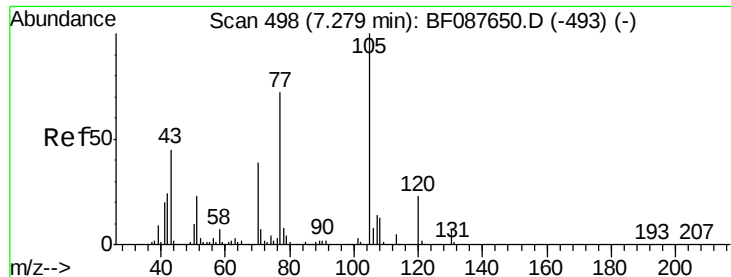
#14
 1,2-Dichlorobenzene
 Concen: 10.62 ng
 RT: 6.88 min Scan# 463
 Delta R.T. -0.16 min
 Lab File: BF087703.D
 Acq: 5 Jun 2016 12:12

Tgt Ion:146 Resp: 89029
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.3 78.5
 111 36.5 28.7 43.1



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

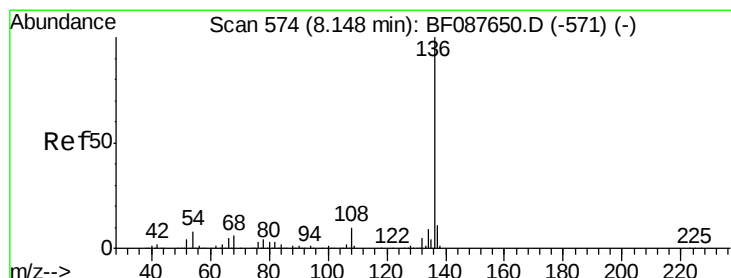
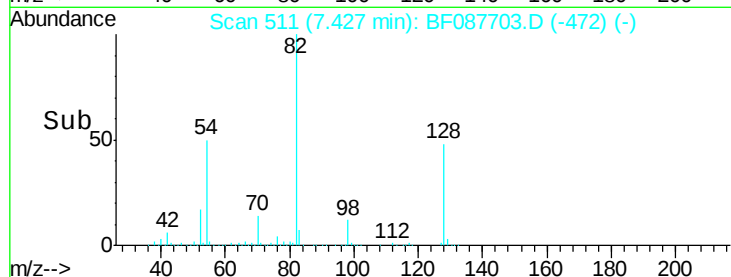
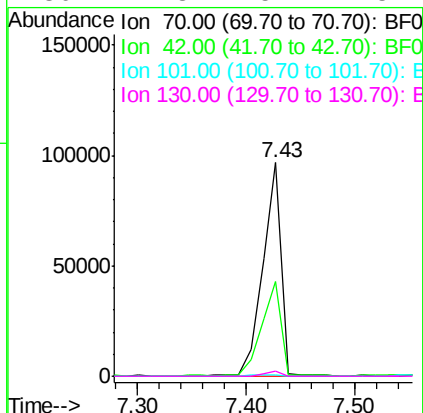
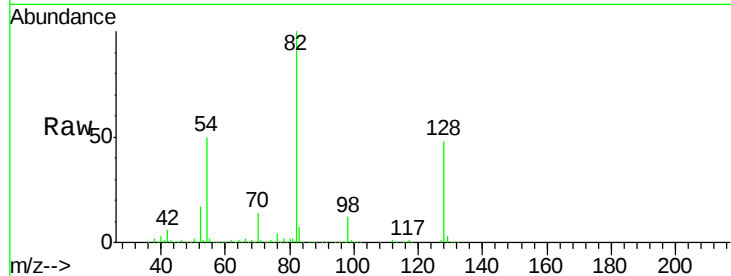




#19
n-Nitroso-di-n-propylamine
Concen: 20.12 ng
RT: 7.43 min Scan# 511
Delta R.T. 0.15 min
Lab File: BF087703.D
Acq: 5 Jun 2016 12:12

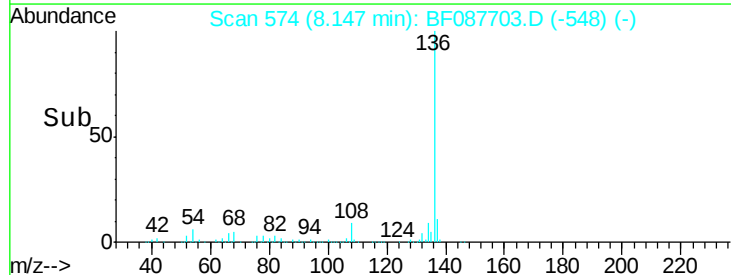
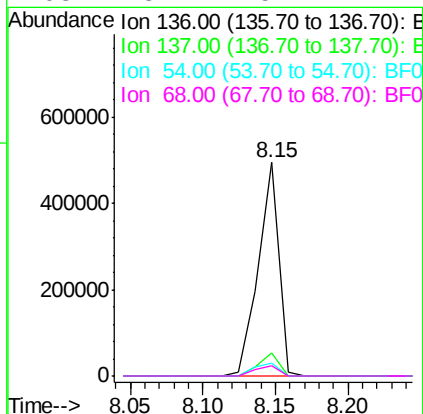
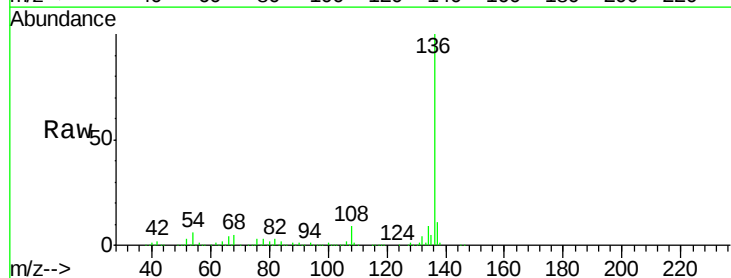
Instrument :
BNA_F
ClientSampleId :
SP16-JMW0980

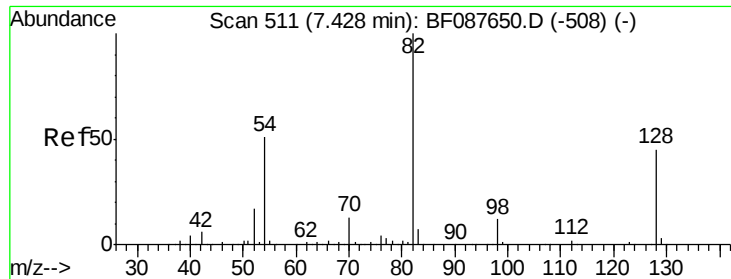
Tgt Ion: 70 Resp: 113945
Ion Ratio Lower Upper
70 100
42 44.6 49.6 74.4#
101 0.7 7.1 10.7#
130 2.3 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF087703.D
Acq: 5 Jun 2016 12:12

Tgt Ion: 136 Resp: 487160
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 6.3 6.6 10.0#
68 5.1 5.1 7.7#

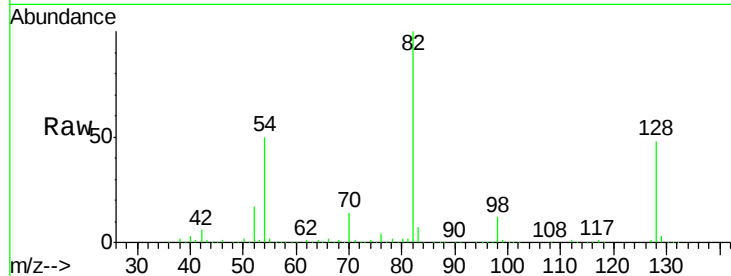




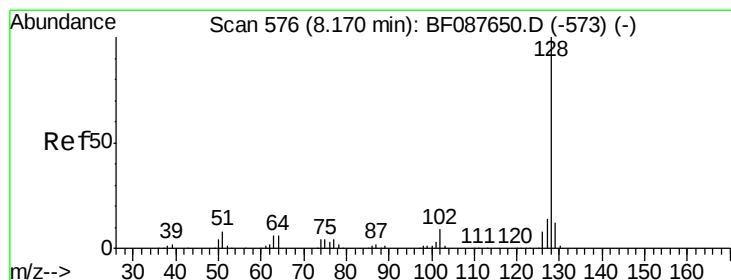
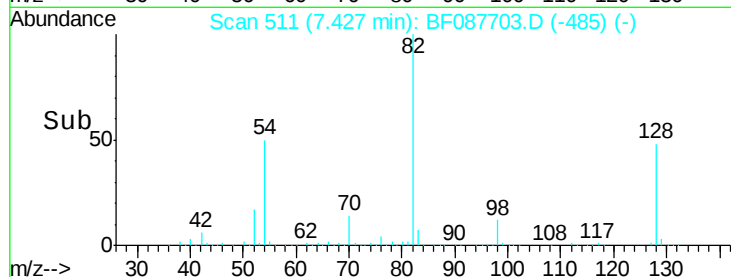
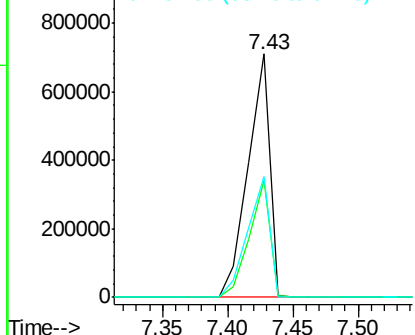
#23
 Nitrobenzene-d5
 Concen: 97.92 ng
 RT: 7.43 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF087703.D
 Acq: 5 Jun 2016 12:12

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0980

Tgt Ion: 82 Resp: 824523
 Ion Ratio Lower Upper
 82 100
 128 48.1 35.9 53.9
 54 49.6 40.9 61.3

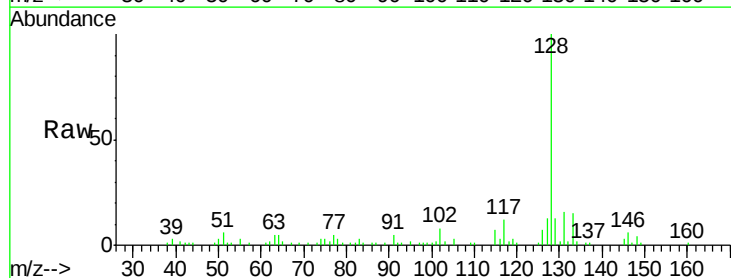


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

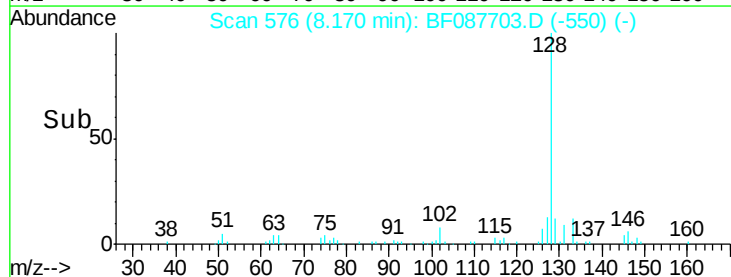
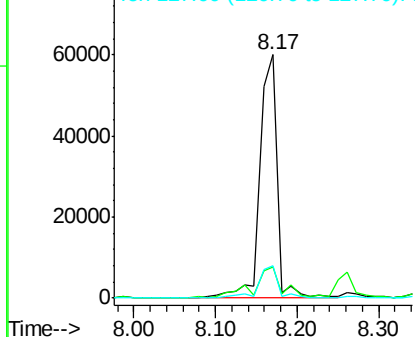


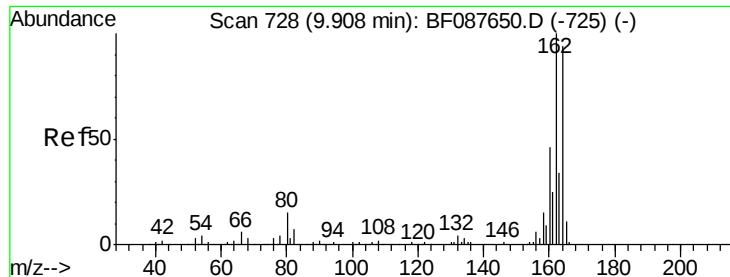
#31
 Naphthalene
 Concen: 3.76 ng
 RT: 8.17 min Scan# 576
 Delta R.T. -0.00 min
 Lab File: BF087703.D
 Acq: 5 Jun 2016 12:12

Tgt Ion: 128 Resp: 89172
 Ion Ratio Lower Upper
 128 100
 129 12.7 9.4 14.2
 127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

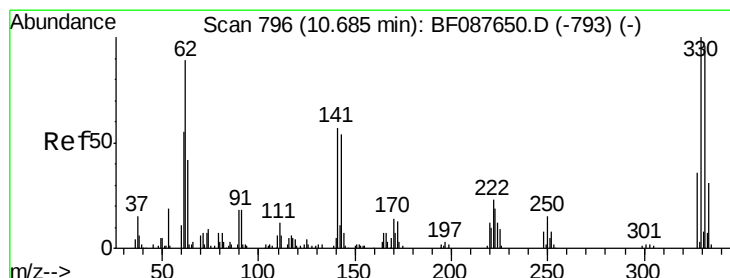
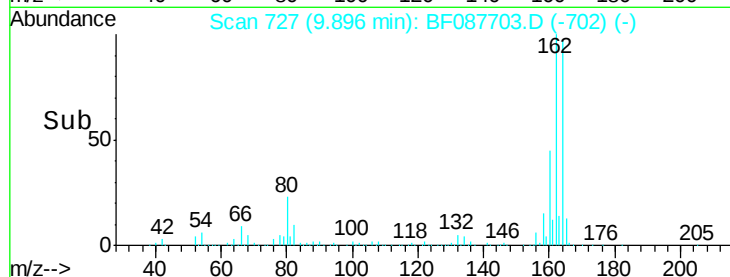
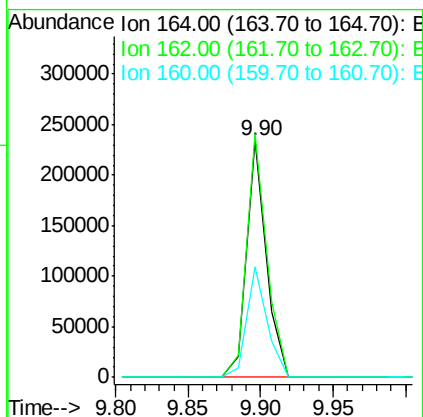
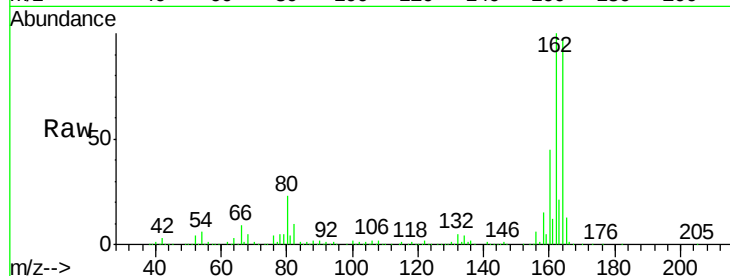




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: BF087703.D
 Acq: 5 Jun 2016 12:12

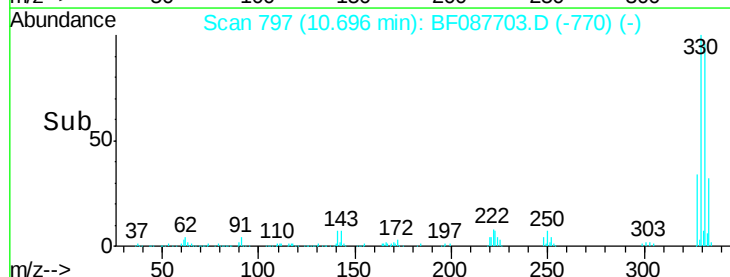
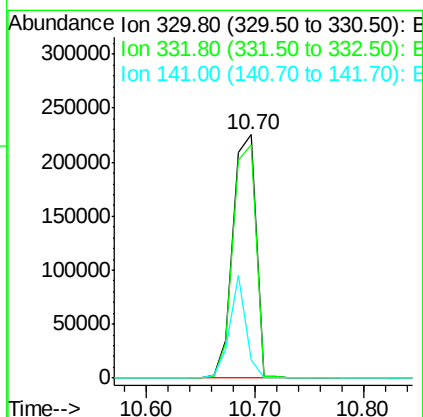
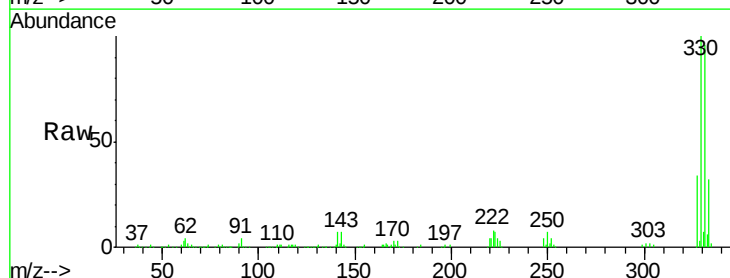
Instrument :
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 SP16-JMW0980

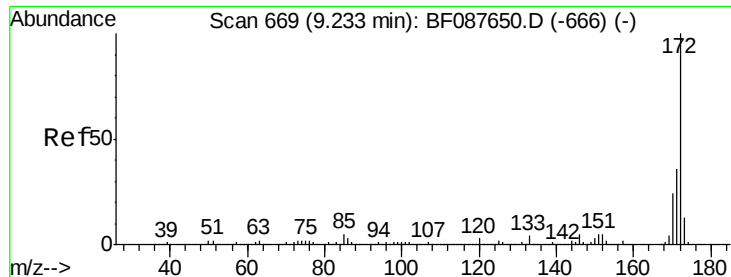
Tgt Ion:164 Resp: 220203
 Ion Ratio Lower Upper
 164 100
 162 102.9 85.4 128.2
 160 46.4 39.5 59.3



#41
 2,4,6-Tribromophenol
 Concen: 147.49 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF087703.D
 Acq: 5 Jun 2016 12:12

Tgt Ion:330 Resp: 326004
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 30.0 0.0 0.0#

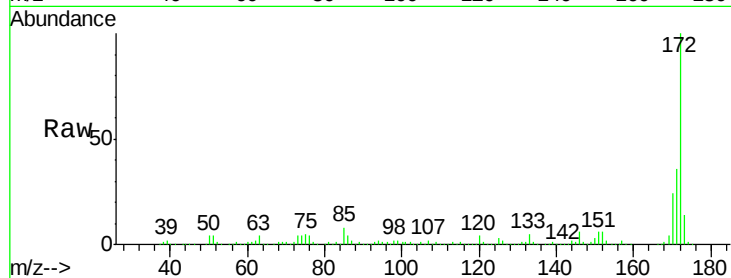




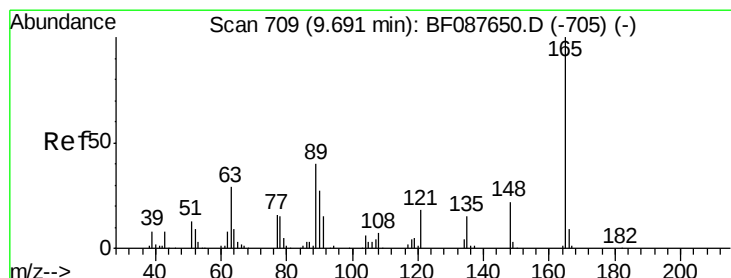
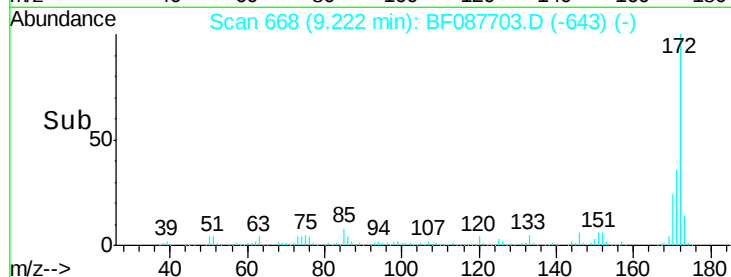
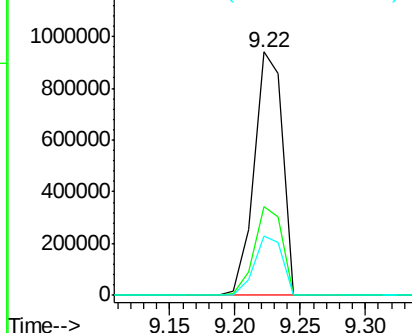
#44
 2-Fluorobiphenyl
 Concen: 109.12 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087703.D
 Acq: 5 Jun 2016 12:12

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0980

Tgt Ion:172 Resp: 1420553
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.6 43.0
 170 24.1 19.2 28.8

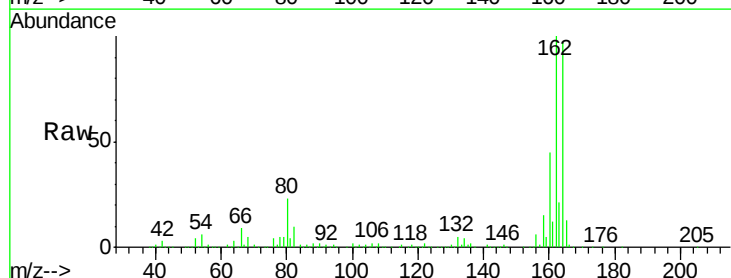


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

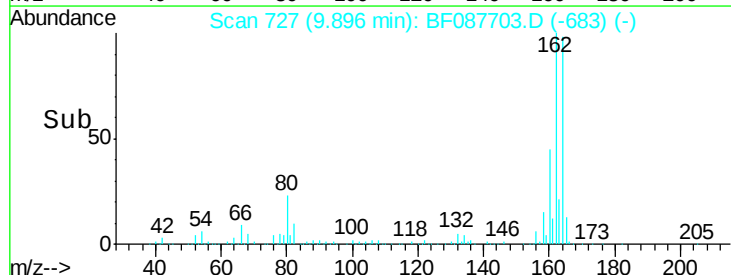
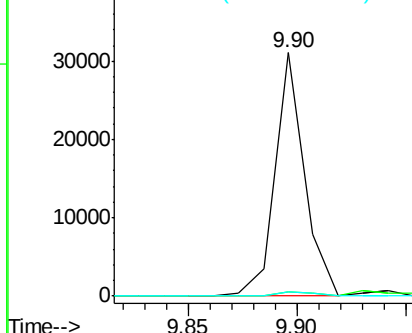


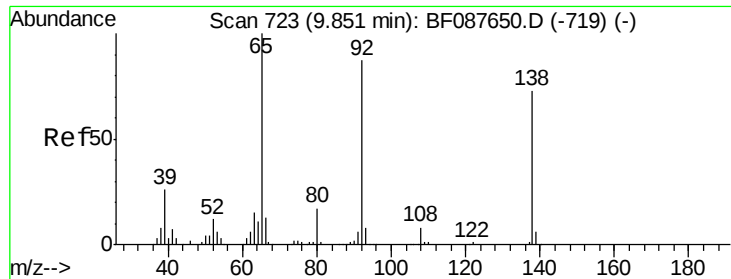
#50
 2,6-Dinitrotoluene
 Concen: 8.07 ng
 RT: 9.90 min Scan# 727
 Delta R.T. 0.21 min
 Lab File: BF087703.D
 Acq: 5 Jun 2016 12:12

Tgt Ion:165 Resp: 29377
 Ion Ratio Lower Upper
 165 100
 63 1.9 28.1 42.1#
 89 1.8 32.2 48.2#



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





#52

3-Nitroaniline

Concen: 2.85 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.25 min

Lab File: BF087703.D

Acq: 5 Jun 2016 12:12

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0980

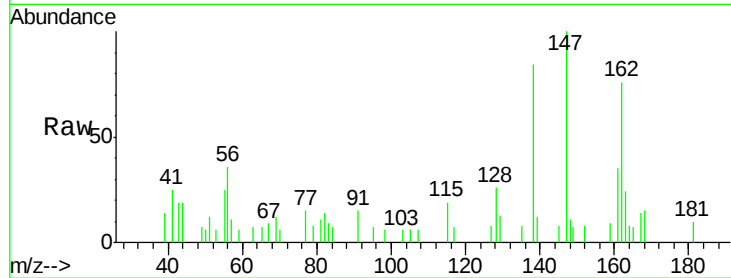
Tgt Ion:138 Resp: 11863

Ion Ratio Lower Upper

138 100

108 0.0 8.5 12.7#

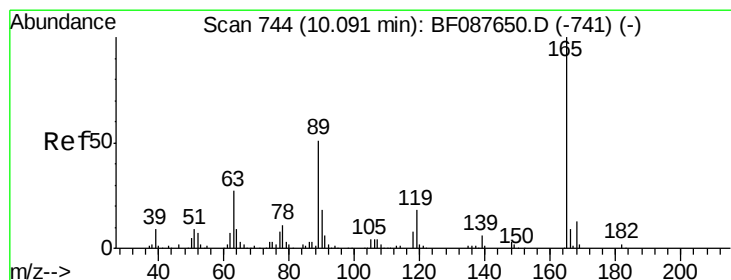
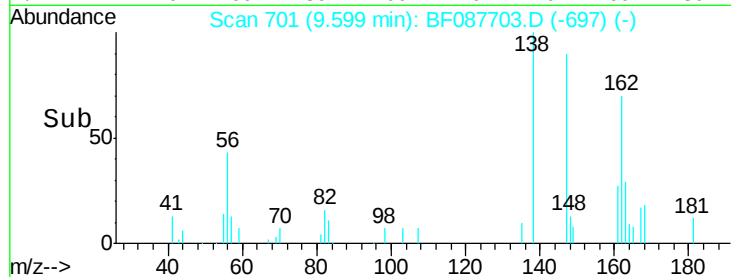
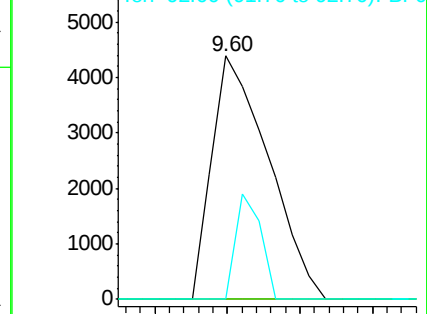
92 0.0 95.7 143.5#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#56

2,4-Dinitrotoluene

Concen: 6.38 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.19 min

Lab File: BF087703.D

Acq: 5 Jun 2016 12:12

Tgt Ion:165 Resp: 29608

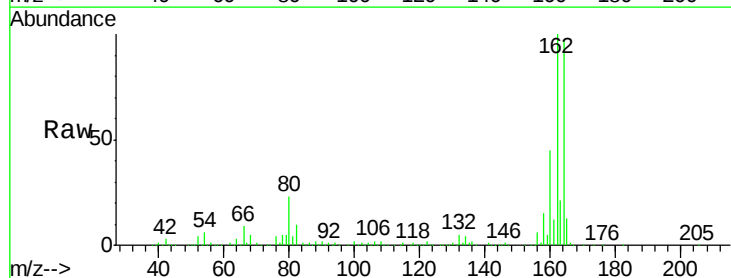
Ion Ratio Lower Upper

165 100

63 1.9 22.0 33.0#

89 1.8 41.1 61.7#

182 1.3 2.0 3.0#

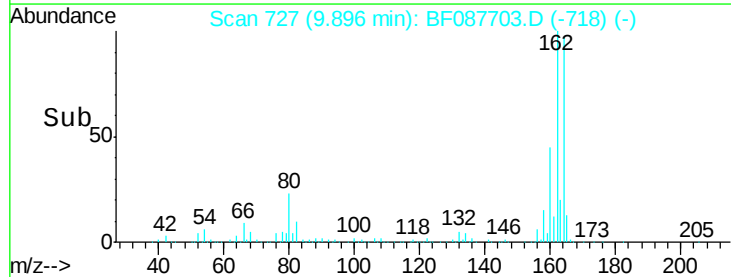
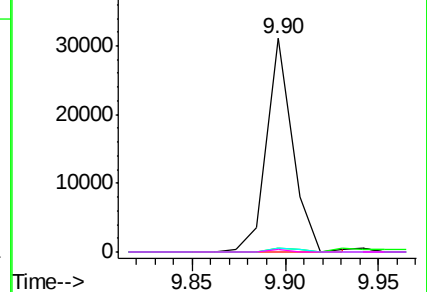


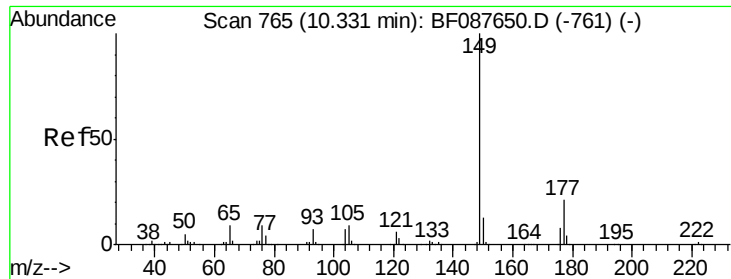
Abundance Ion 165.00 (164.70 to 165.70): E

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

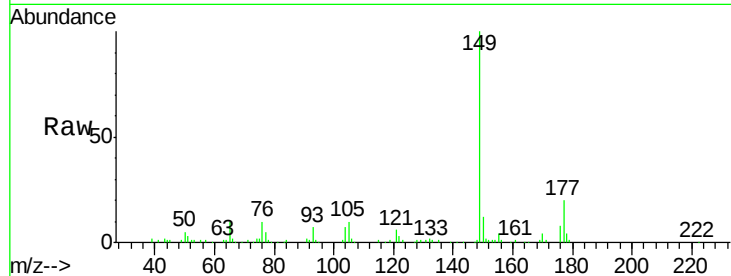




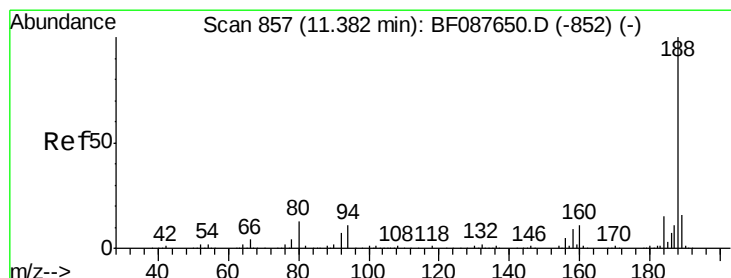
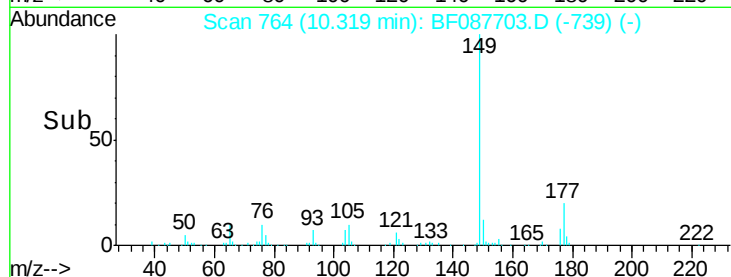
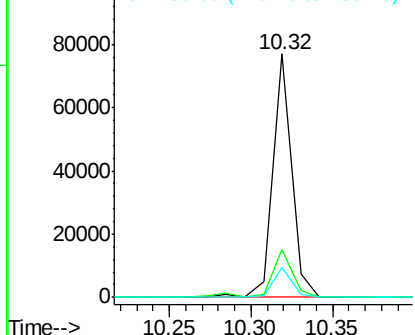
#59
Diethylphthalate
Concen: 3.86 ng
RT: 10.32 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF087703.D
Acq: 5 Jun 2016 12:12

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0980

Tgt Ion:149 Resp: 62031
Ion Ratio Lower Upper
149 100
177 19.8 16.9 25.3
150 12.1 10.1 15.1

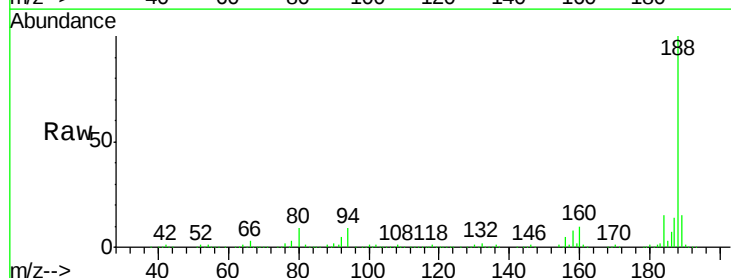


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

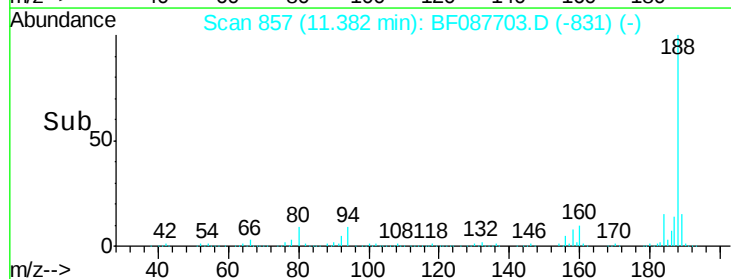
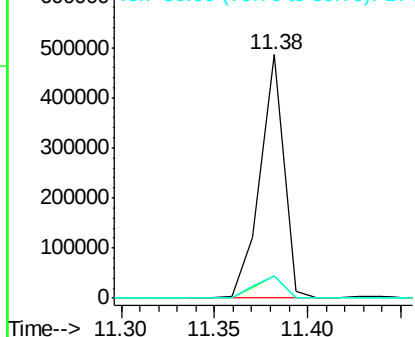


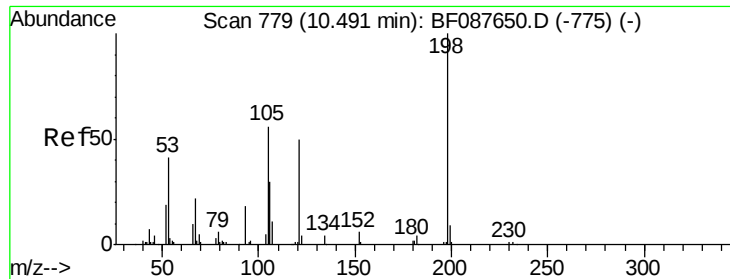
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087703.D
Acq: 5 Jun 2016 12:12

Tgt Ion:188 Resp: 428078
Ion Ratio Lower Upper
188 100
94 8.9 9.0 13.6#
80 9.3 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

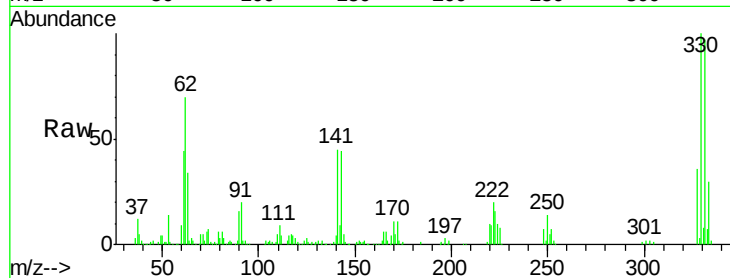




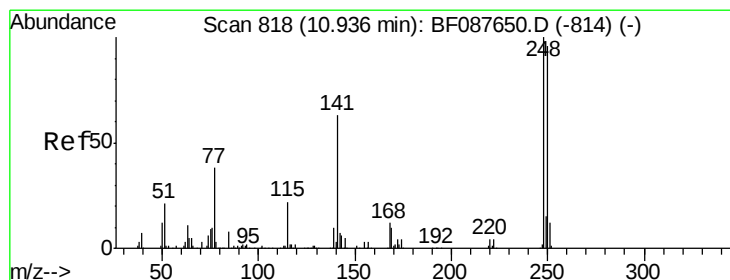
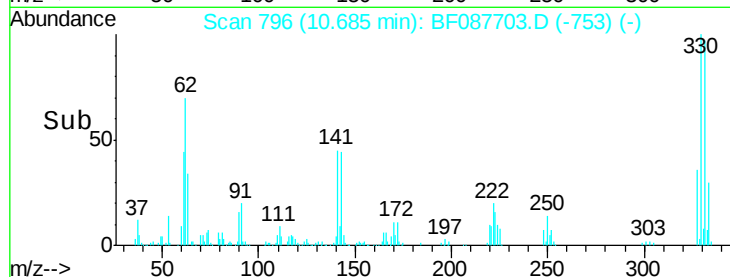
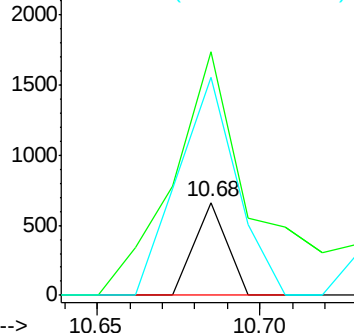
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.20 ng
 RT: 10.68 min Scan# 796
 Delta R.T. 0.19 min
 Lab File: BF087703.D
 Acq: 5 Jun 2016 12:12

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0980

Tgt Ion:198 Resp: 455
 Ion Ratio Lower Upper
 198 100
 51 262.1 39.6 79.6#
 105 234.2 36.6 76.6#

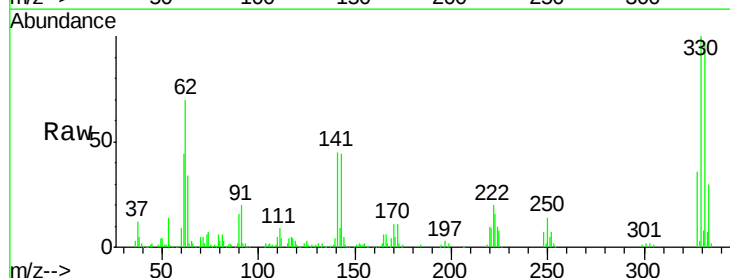


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

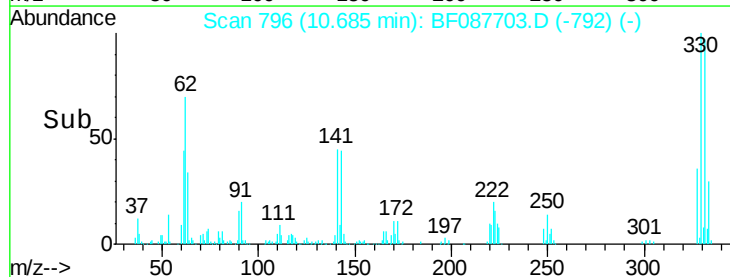
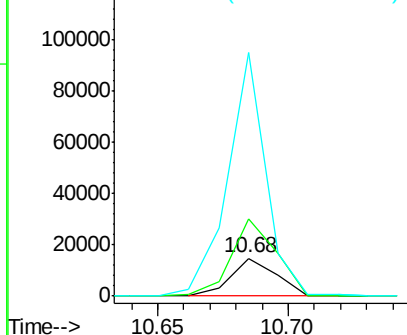


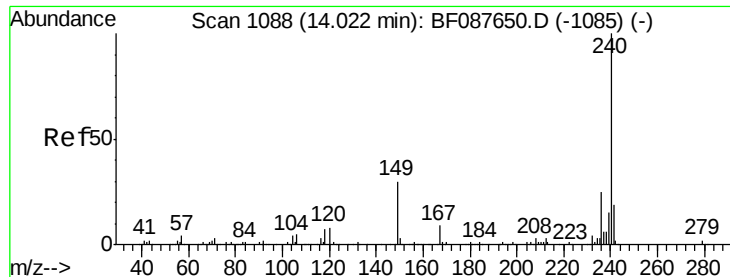
#66
 4-Bromophenyl-phenylether
 Concen: 4.22 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.25 min
 Lab File: BF087703.D
 Acq: 5 Jun 2016 12:12

Tgt Ion:248 Resp: 17908
 Ion Ratio Lower Upper
 248 100
 250 202.3 77.1 115.7#
 141 642.2 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: BF087703.D

Acq: 5 Jun 2016 12:12

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0980

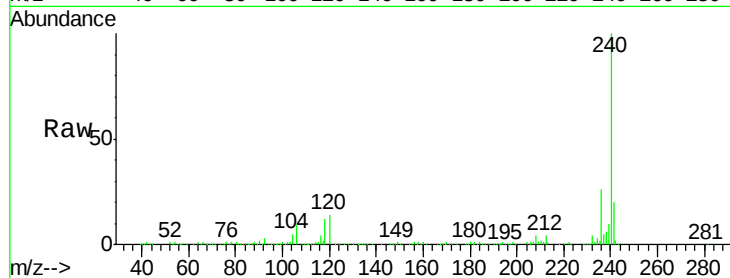
Tgt Ion:240 Resp: 339056

Ion Ratio Lower Upper

240 100

120 13.7 6.8 10.2#

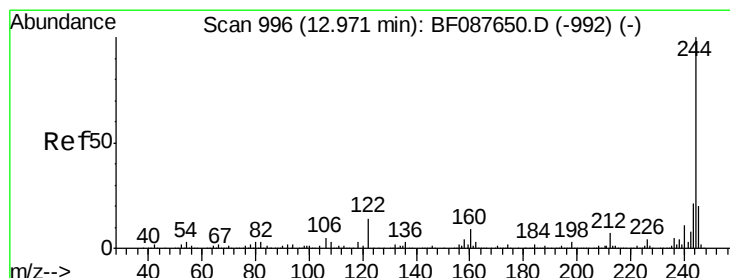
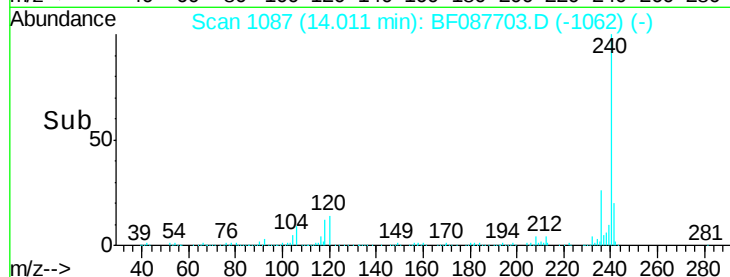
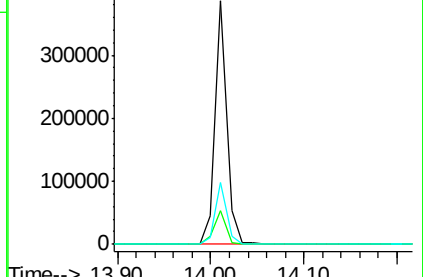
236 25.6 20.2 30.2



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: 76.21 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF087703.D

Acq: 5 Jun 2016 12:12

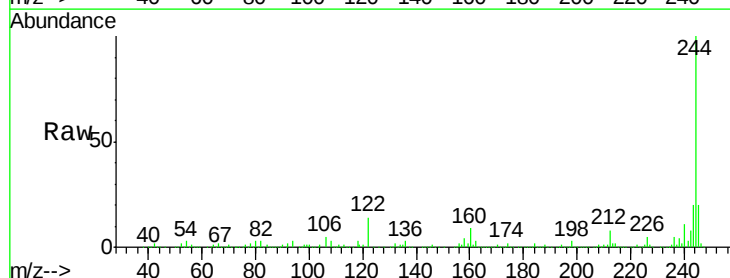
Tgt Ion:244 Resp: 1058881

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

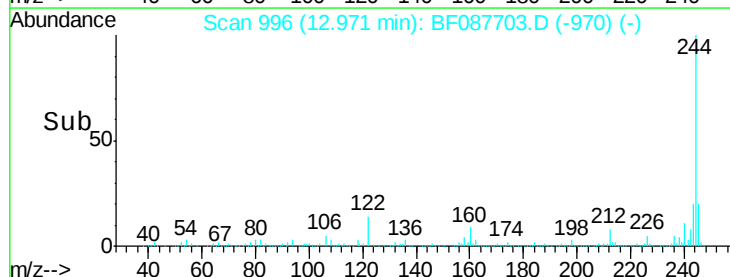
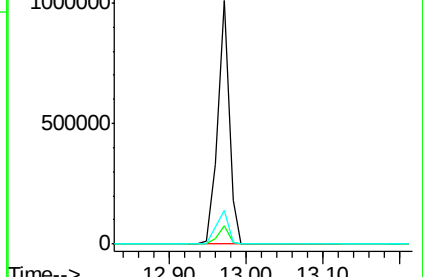
122 13.9 11.2 16.8

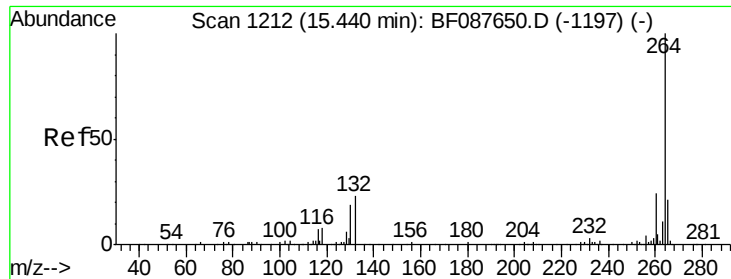


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF087703.D
Acq: 5 Jun 2016 12:12

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0980

Tgt Ion: 264 Resp: 254334
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.6 16.9 25.3

