

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
 Data File : BF087779.D
 Acq On : 7 Jun 2016 6:58
 Operator : UM/SJ
 Sample : H3349-07RE
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 07 07:56:28 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

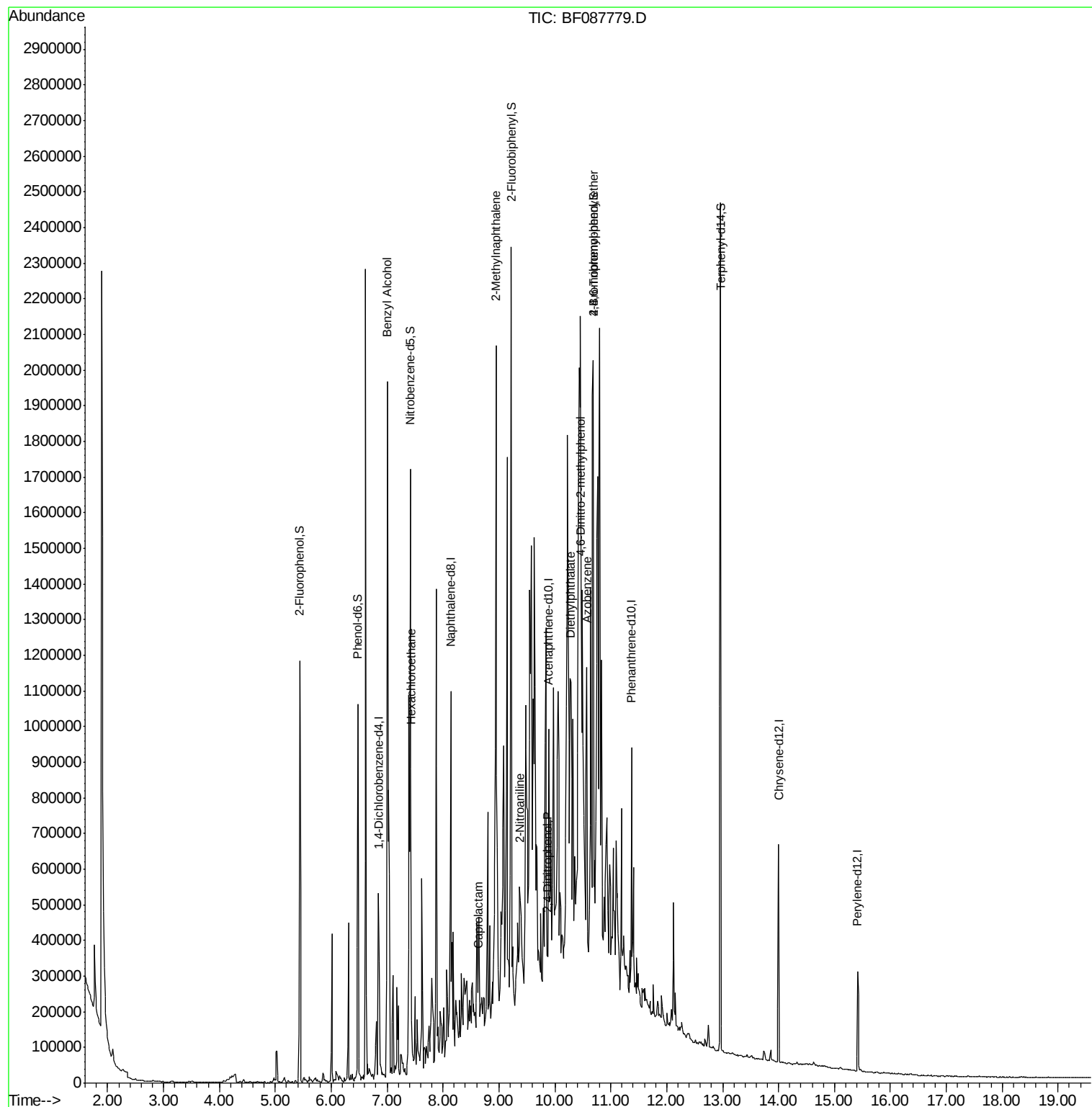
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	96842	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	378669	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	154679	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	235023	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	198537	20.00	ng	-0.02
86) Perylene-d12	15.42	264	139809	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	399283	66.64	ng	-0.01
7) Phenol-d6	6.48	99	370532	49.31	ng	-0.01
23) Nitrobenzene-d5	7.42	82	523008	79.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	202887	130.67	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1065984	124.99	ng	-0.01
78) Terphenyl-d14	12.96	244	775237	95.28	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	7.00	79	12170	2.19	ng	# 44
18) Hexachloroethane	7.43	117	284438	109.81	ng	# 21
35) Caprolactam	8.63	113	3490	2.05	ng	# 1
37) 2-Methylnaphthalene	8.95	142	465664	38.30	ng	# 92
47) 2-Nitroaniline	9.37	65	9751	3.47	ng	# 28
53) 2,4-Dinitrophenol	9.87	184	5211	8.15	ng	# 61
59) Diethylphthalate	10.28	149	213914	18.94	ng	# 52
60) 4-Chlorophenyl-phenylether	10.48	204	439	Below Cal		# 1
62) Azobenzene	10.57	77	28617	2.52	ng	# 49
64) 4,6-Dinitro-2-methylphenol	10.47	198	990	2.74	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	12170	5.22	ng	# 1

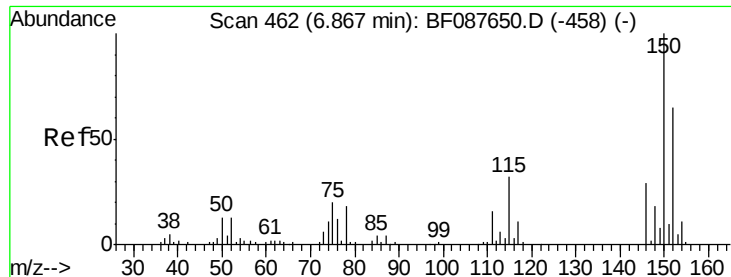
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.02 min

Lab File: BF087779.D

Acq: 7 Jun 2016 6:58

Instrument :

BNA_F

ClientSampleId :

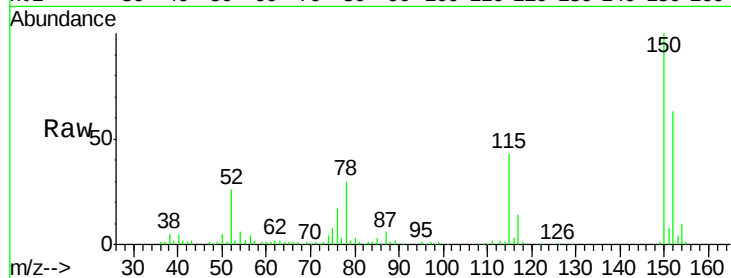
Tgt Ion:152 Resp: 96842

Ion Ratio Lower Upper

152 100

150 159.0 123.8 185.6

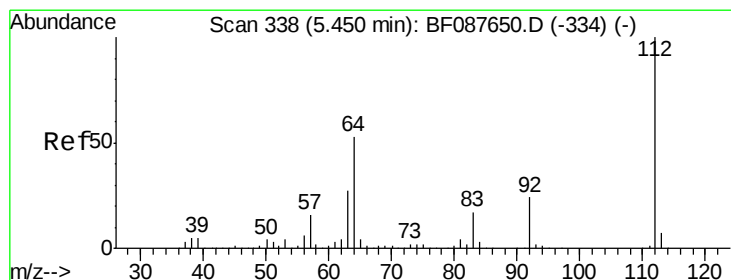
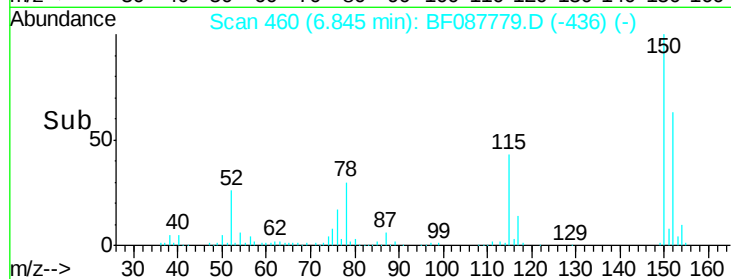
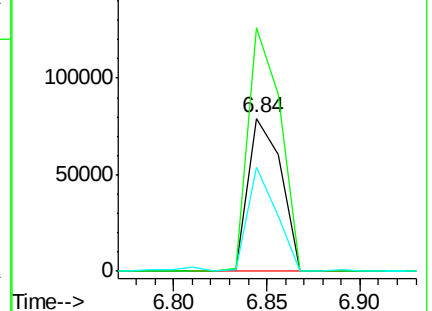
115 68.3 39.6 59.4#



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: 66.64 ng

RT: 5.44 min Scan# 337

Delta R.T. -0.01 min

Lab File: BF087779.D

Acq: 7 Jun 2016 6:58

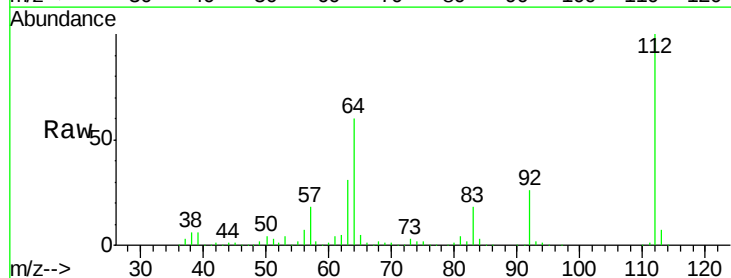
Tgt Ion:112 Resp: 399283

Ion Ratio Lower Upper

112 100

64 60.0 42.2 63.2

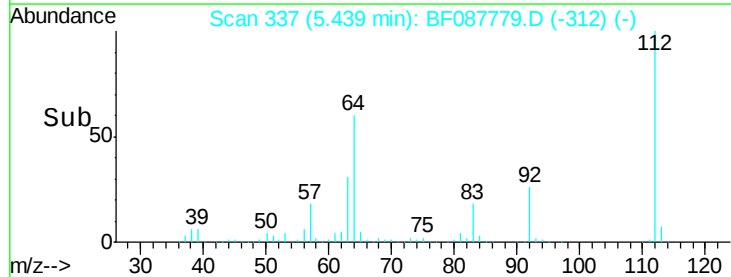
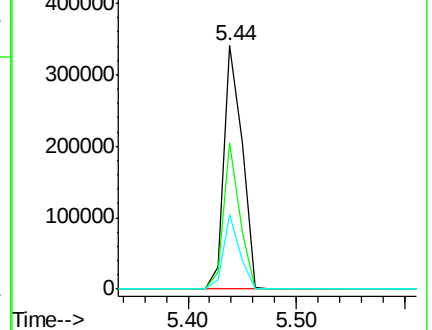
63 30.7 21.8 32.8

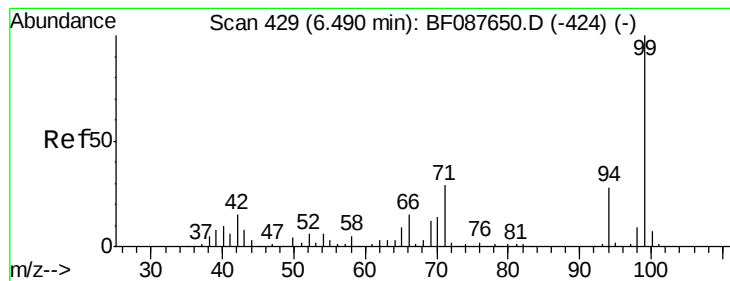


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 49.31 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087779.D

Acq: 7 Jun 2016 6:58

Instrument :

BNA_F

ClientSampleId :

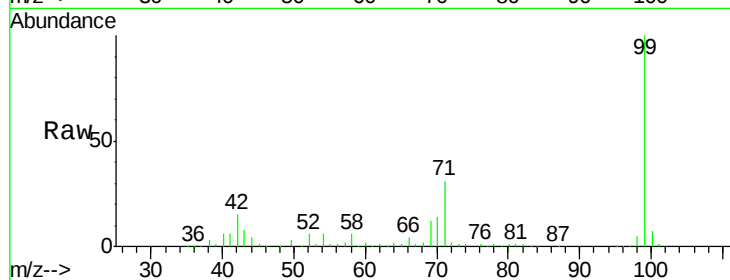
Tgt Ion: 99 Resp: 370532

Ion Ratio Lower Upper

99 100

42 15.4 12.2 18.2

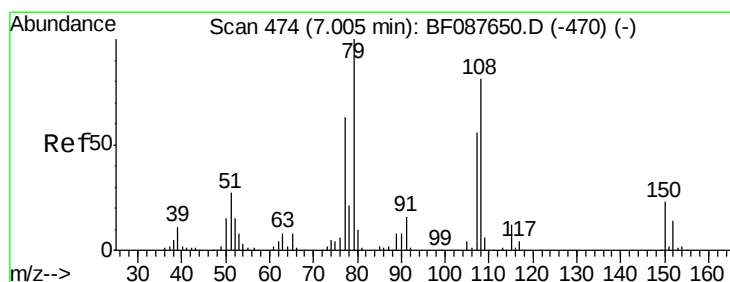
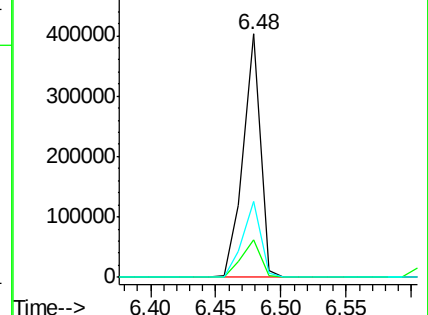
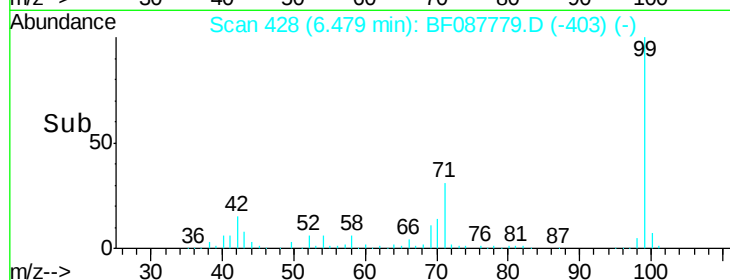
71 31.5 23.4 35.0



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



#15

Benzyl Alcohol

Concen: 2.19 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF087779.D

Acq: 7 Jun 2016 6:58

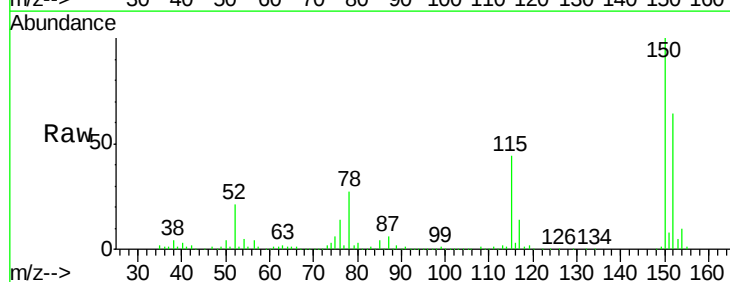
Tgt Ion: 79 Resp: 12170

Ion Ratio Lower Upper

79 100

108 36.6 65.0 97.6#

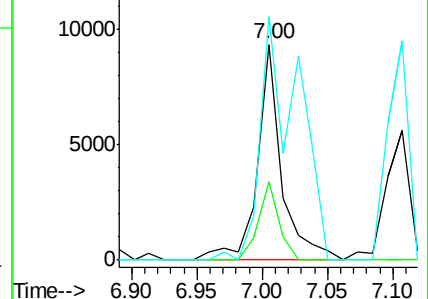
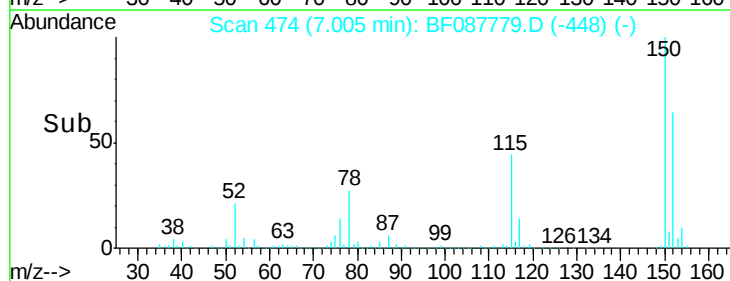
77 112.8 50.3 75.5#

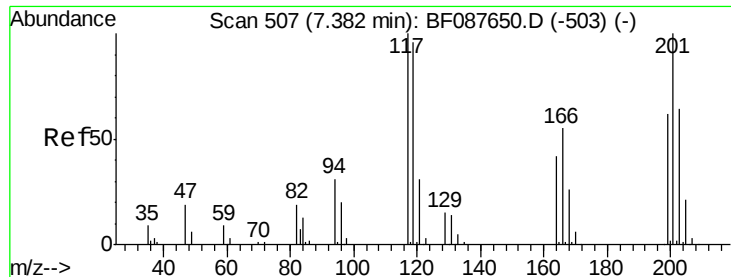


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#18

Hexachloroethane

Concen: 109.81 ng

RT: 7.43 min Scan# 511

Delta R.T. 0.05 min

Lab File: BF087779.D

Acq: 7 Jun 2016 6:58

Instrument :

BNA_F

ClientSampleId :

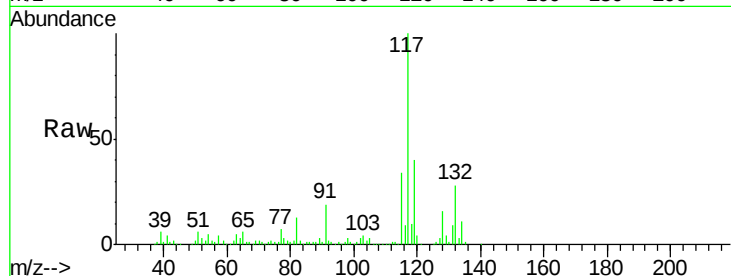
Tgt Ion:117 Resp: 284438

Ion Ratio Lower Upper

117 100

119 40.0 77.4 116.2#

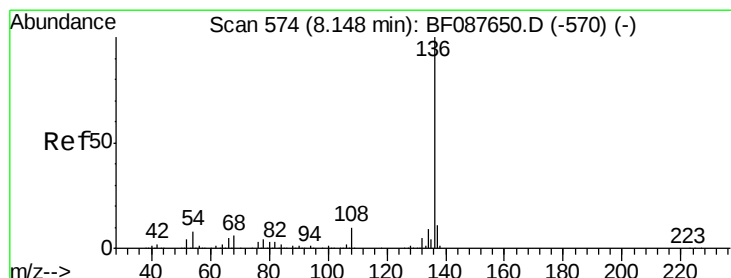
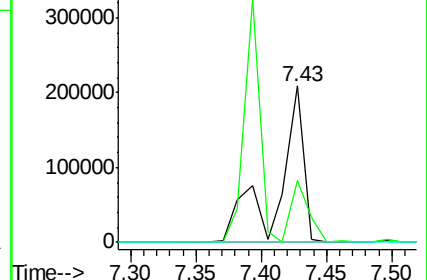
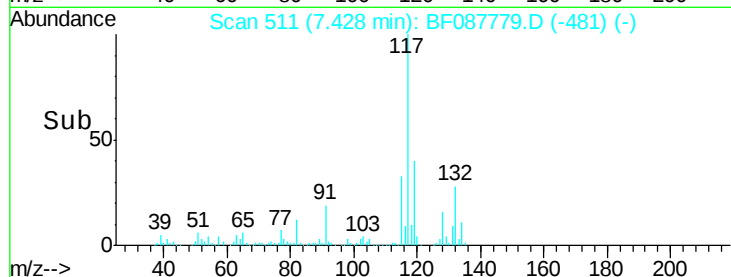
201 0.0 80.4 120.6#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF087779.D

Acq: 7 Jun 2016 6:58

Tgt Ion:136 Resp: 378669

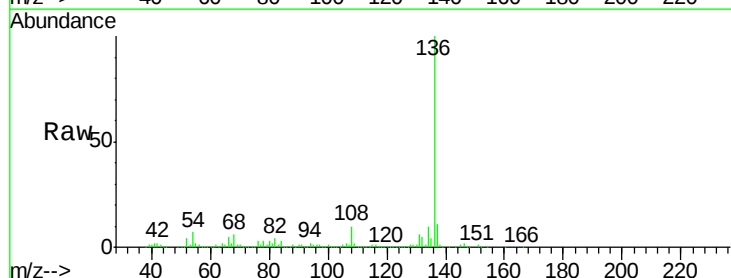
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.4 6.6 10.0

68 6.2 5.1 7.7

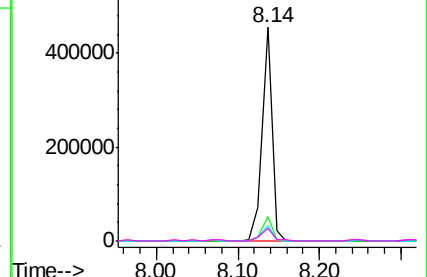
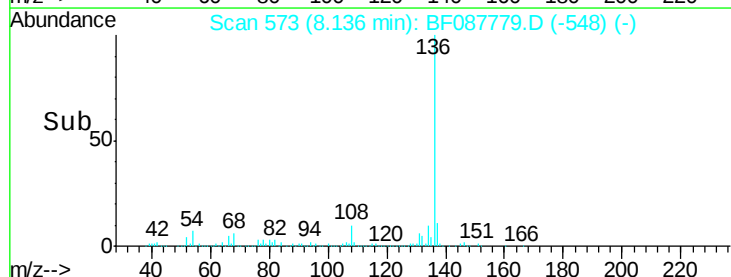


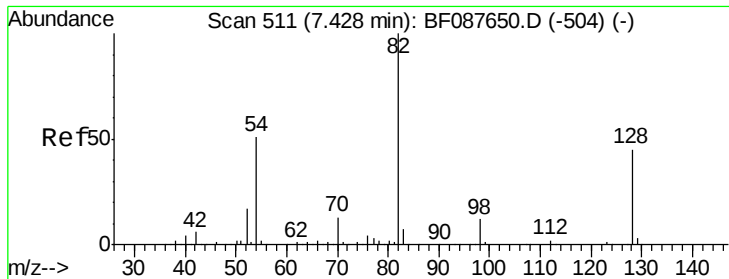
Abundance Ion 136.00 (135.70 to 136.70): E

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

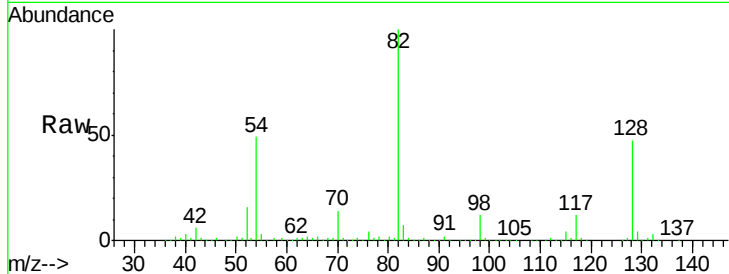




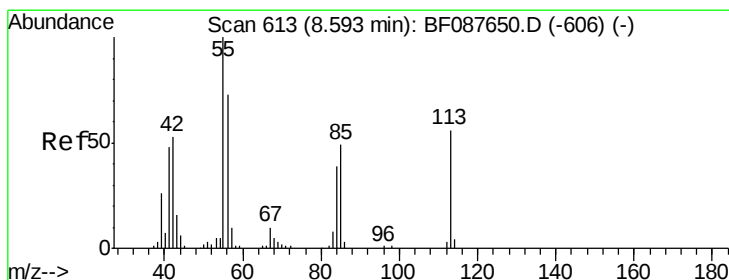
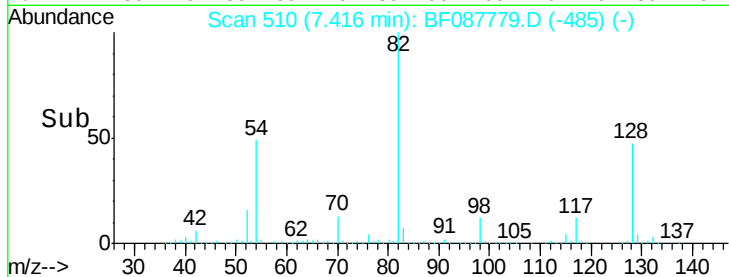
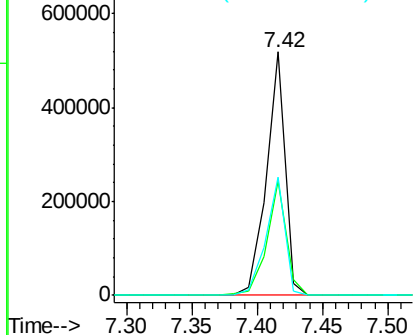
#23
 Nitrobenzene-d5
 Concen: 79.91 ng
 RT: 7.42 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF087779.D
 Acq: 7 Jun 2016 6:58

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 82 Resp: 523008
 Ion Ratio Lower Upper
 82 100
 128 47.1 35.9 53.9
 54 48.7 40.9 61.3

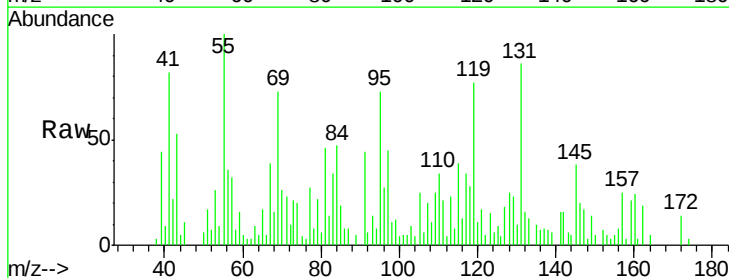


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

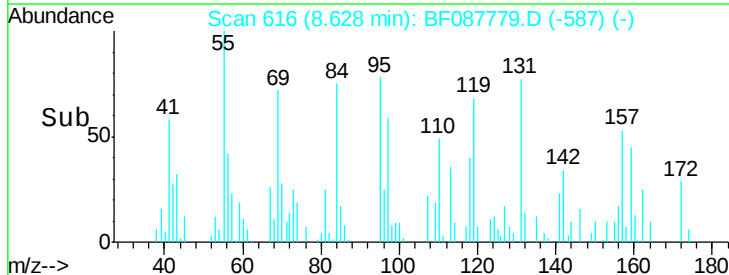
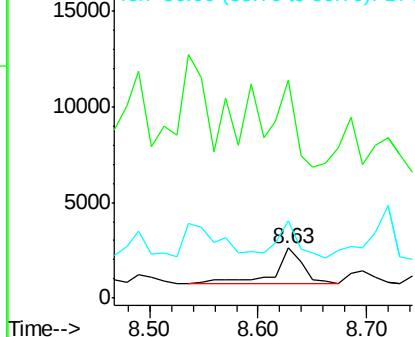


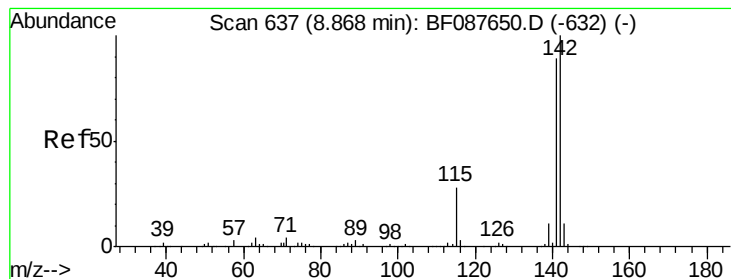
#35
 Caprolactam
 Concen: 2.05 ng
 RT: 8.63 min Scan# 616
 Delta R.T. 0.03 min
 Lab File: BF087779.D
 Acq: 7 Jun 2016 6:58

Tgt Ion: 113 Resp: 3490
 Ion Ratio Lower Upper
 113 100
 55 436.3 158.6 198.6#
 56 155.9 110.6 150.6#



Abundance Ion 113.00 (112.70 to 113.70): BF0
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0





#37

2-Methylnaphthalene

Concen: 38.30 ng

RT: 8.95 min Scan# 644

Delta R.T. 0.08 min

Lab File: BF087779.D

Acq: 7 Jun 2016 6:58

Instrument :

BNA_F

ClientSampleId :

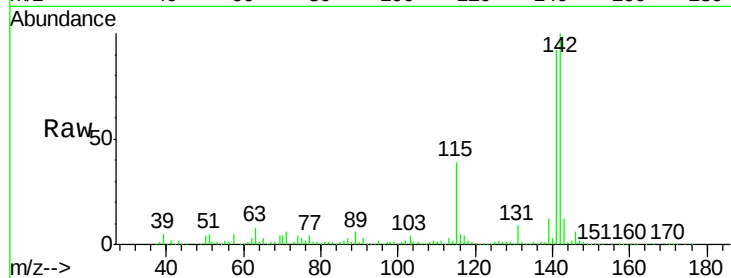
Tgt Ion:142 Resp: 465664

Ion Ratio Lower Upper

142 100

141 92.4 71.0 106.6

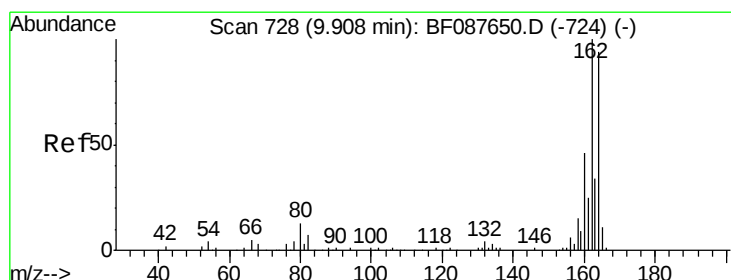
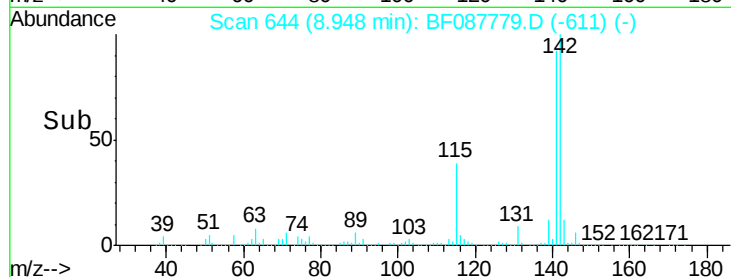
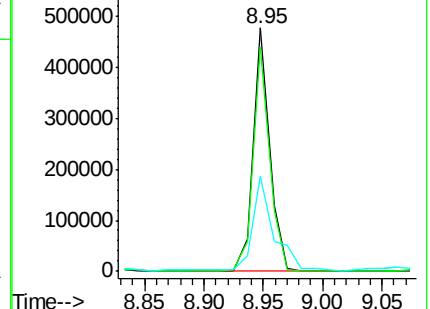
115 39.2 22.6 33.8#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF087779.D

Acq: 7 Jun 2016 6:58

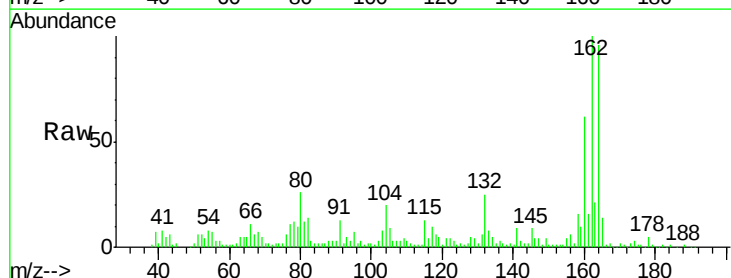
Tgt Ion:164 Resp: 154679

Ion Ratio Lower Upper

164 100

162 104.4 85.4 128.2

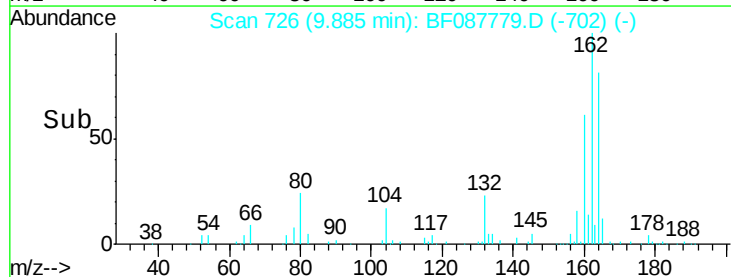
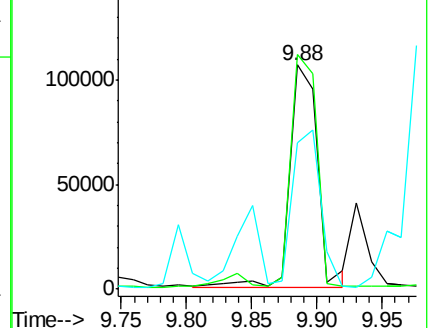
160 65.2 39.5 59.3#

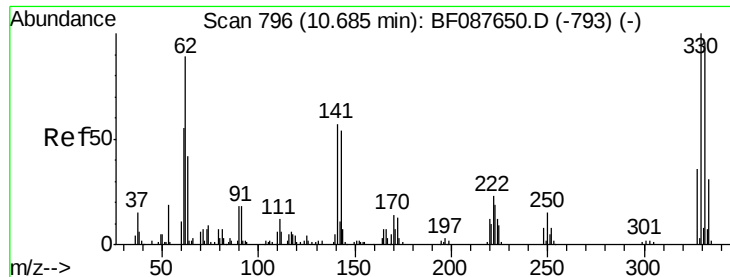


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

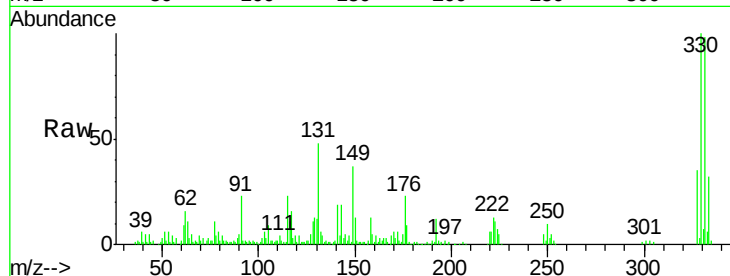




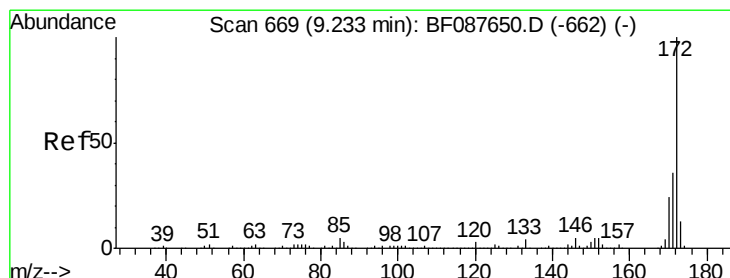
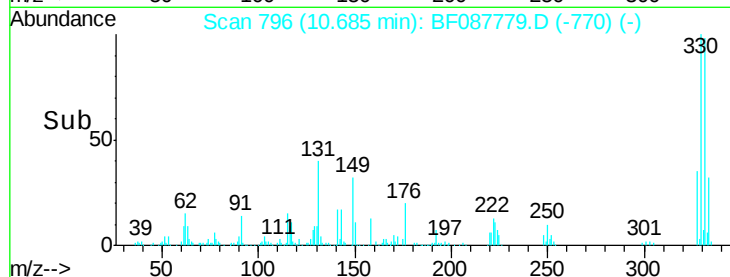
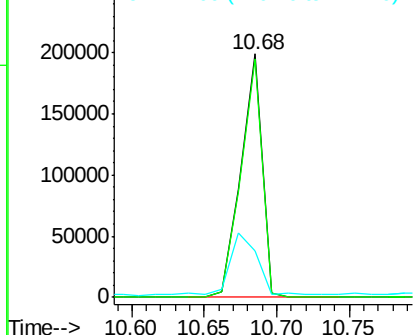
#41
 2,4,6-Tribromophenol
 Concen: 130.67 ng
 RT: 10.68 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF087779.D
 Acq: 7 Jun 2016 6:58

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:330 Resp: 202887
 Ion Ratio Lower Upper
 330 100
 332 98.1 0.0 0.0#
 141 34.0 0.0 0.0#

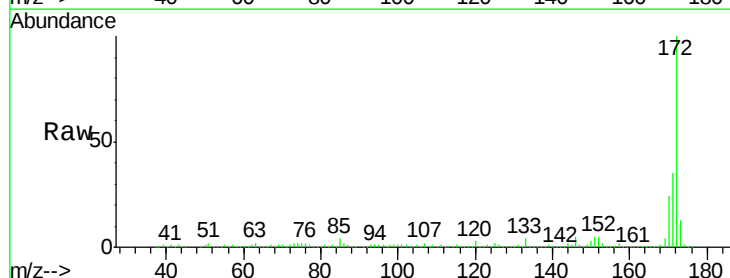


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

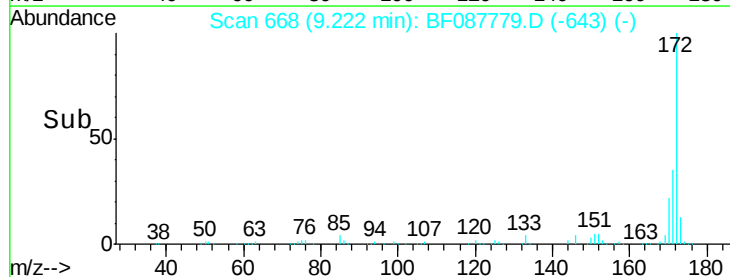
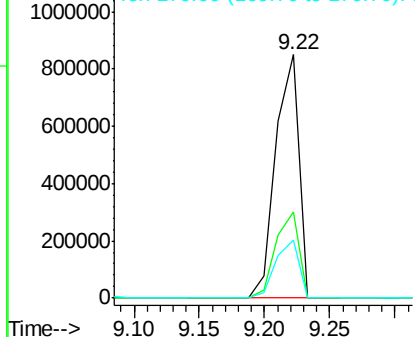


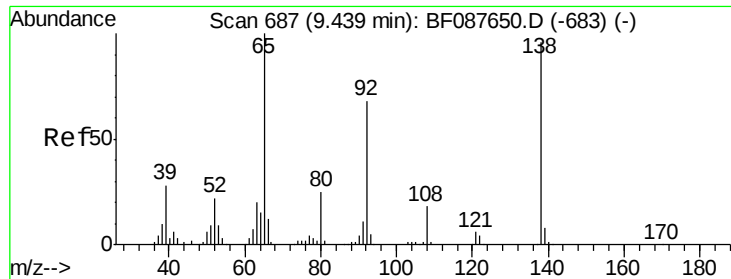
#44
 2-Fluorobiphenyl
 Concen: 124.99 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087779.D
 Acq: 7 Jun 2016 6:58

Tgt Ion:172 Resp: 1065984
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 43.0
 170 23.9 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





#47

2-Nitroaniline

Concen: 3.47 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.07 min

Lab File: BF087779.D

Acq: 7 Jun 2016 6:58

Instrument :

BNA_F

ClientSampled :

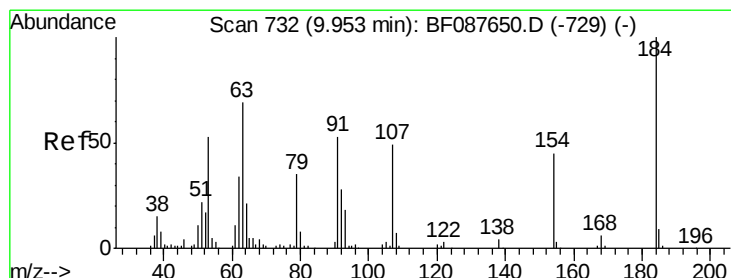
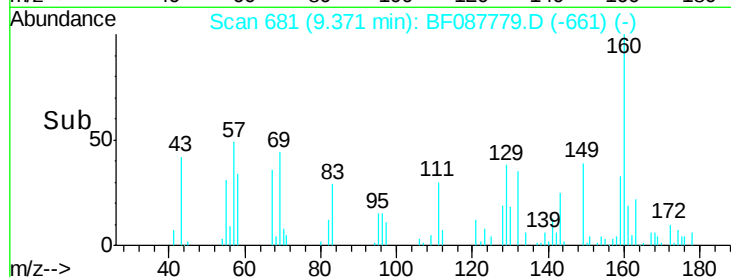
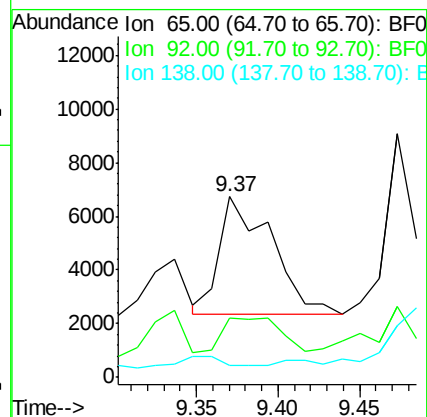
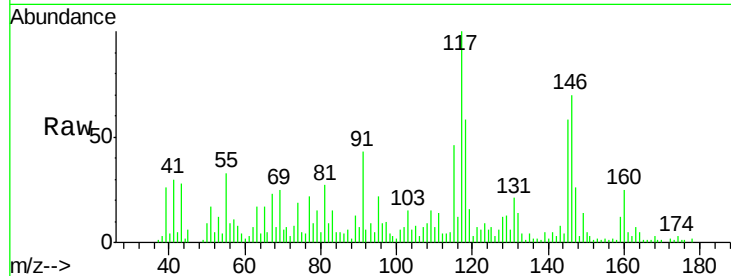
Tgt Ion: 65 Resp: 9751

Ion Ratio Lower Upper

65 100

92 33.2 54.6 82.0#

138 6.5 77.0 115.4#



#53

2,4-Dinitrophenol

Concen: 8.15 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.08 min

Lab File: BF087779.D

Acq: 7 Jun 2016 6:58

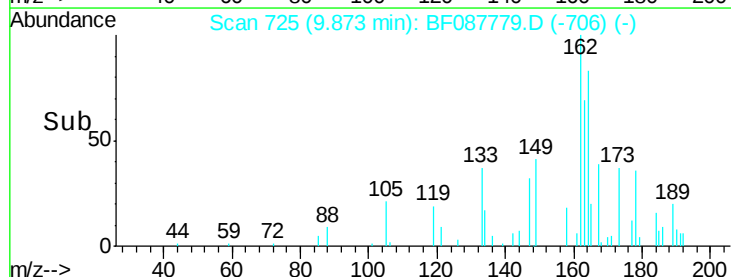
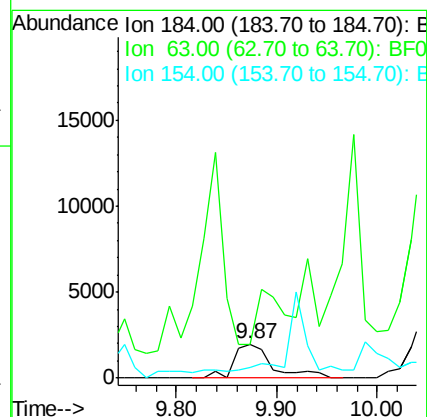
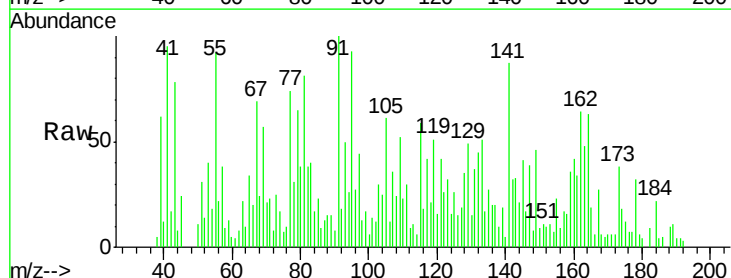
Tgt Ion: 184 Resp: 5211

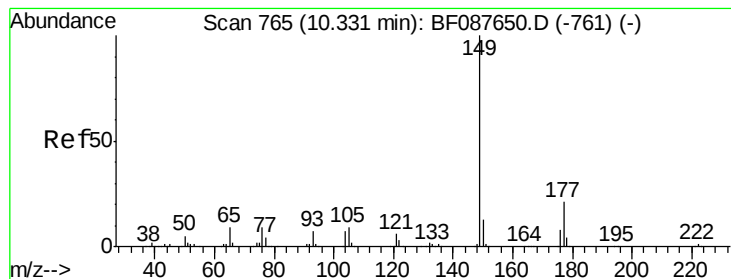
Ion Ratio Lower Upper

184 100

63 99.3 57.6 86.4#

154 29.9 53.5 80.3#





#59

Diethylphthalate

Concen: 18.94 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.05 min

Lab File: BF087779.D

Acq: 7 Jun 2016 6:58

Instrument :

BNA_F

ClientSampled :

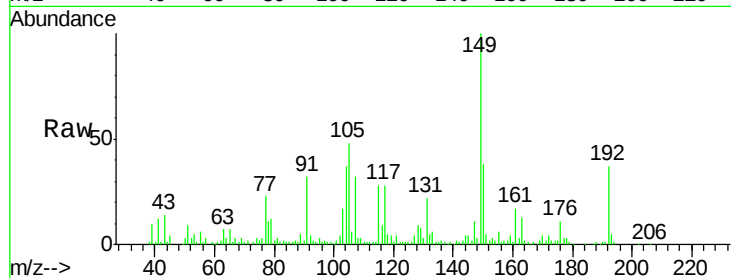
Tgt Ion: 149 Resp: 213914

Ion Ratio Lower Upper

149 100

177 3.2 16.9 25.3#

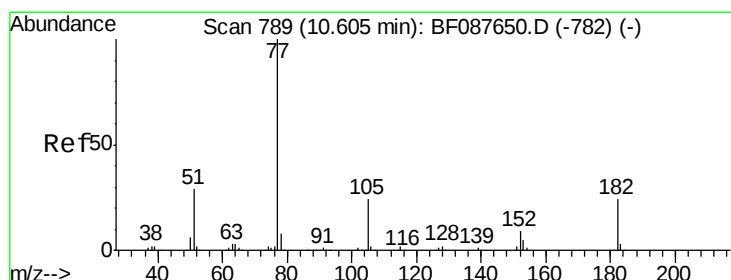
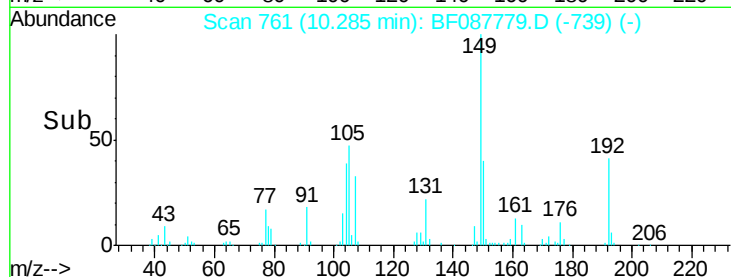
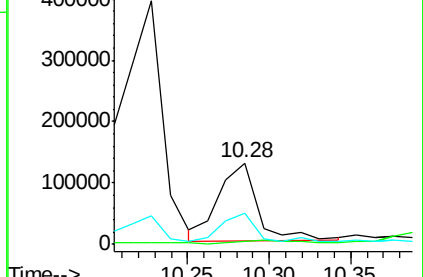
150 38.0 10.1 15.1#



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



#62

Azobenzene

Concen: 2.52 ng

RT: 10.57 min Scan# 786

Delta R.T. -0.03 min

Lab File: BF087779.D

Acq: 7 Jun 2016 6:58

Tgt Ion: 77 Resp: 28617

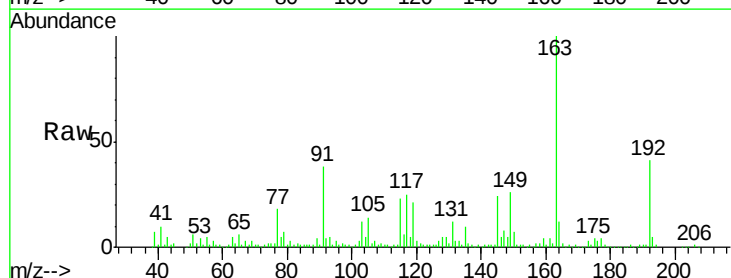
Ion Ratio Lower Upper

77 100

182 1.2 4.4 44.4#

105 77.2 3.8 43.8#

51 32.9 9.3 49.3

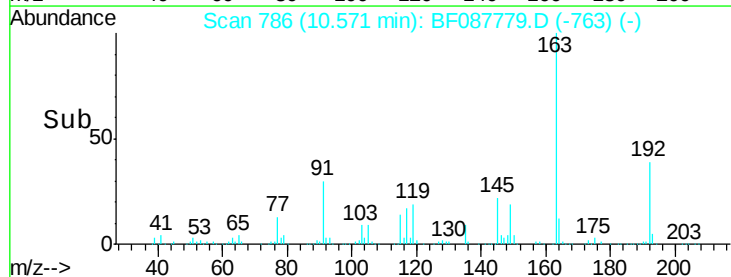
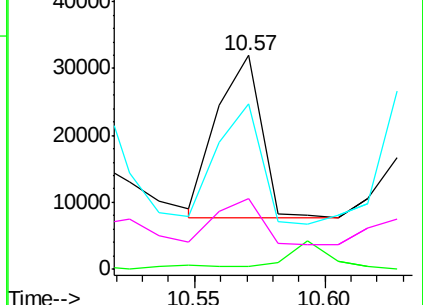


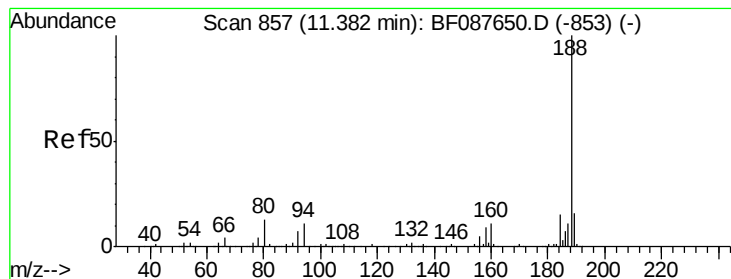
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF087779.D

Acq: 7 Jun 2016 6:58

Instrument :

BNA_F

ClientSampleId :

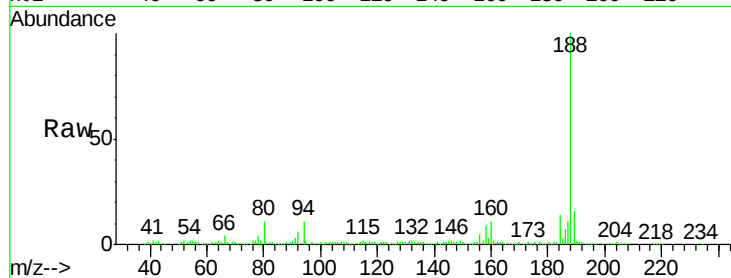
Tgt Ion:188 Resp: 235023

Ion Ratio Lower Upper

188 100

94 10.6 9.0 13.6

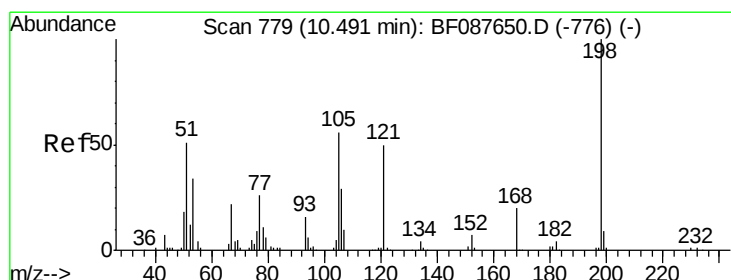
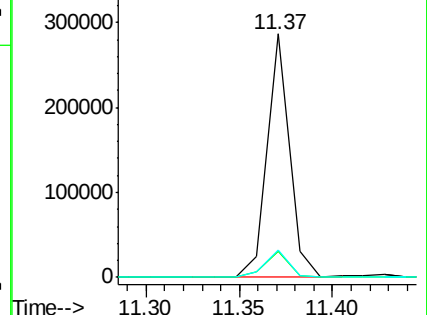
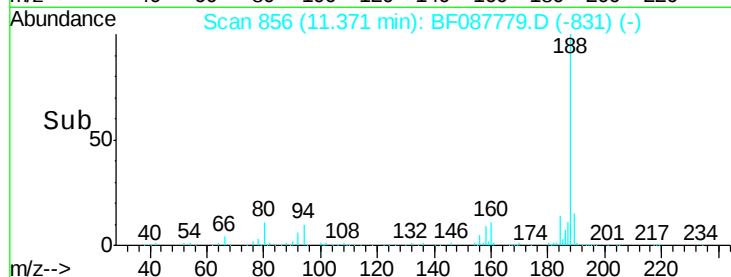
80 11.1 10.0 15.0



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: 2.74 ng

RT: 10.47 min Scan# 777

Delta R.T. -0.02 min

Lab File: BF087779.D

Acq: 7 Jun 2016 6:58

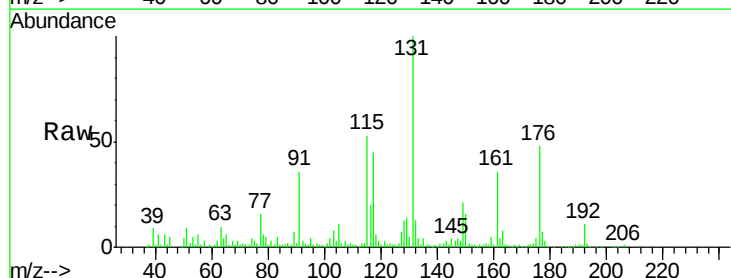
Tgt Ion:198 Resp: 990

Ion Ratio Lower Upper

198 100

51 2135.6 39.6 79.6#

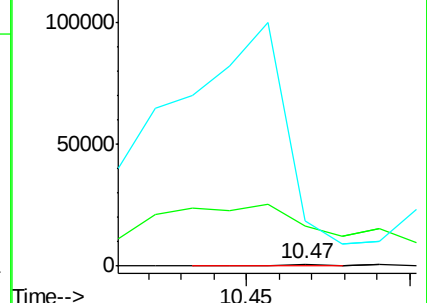
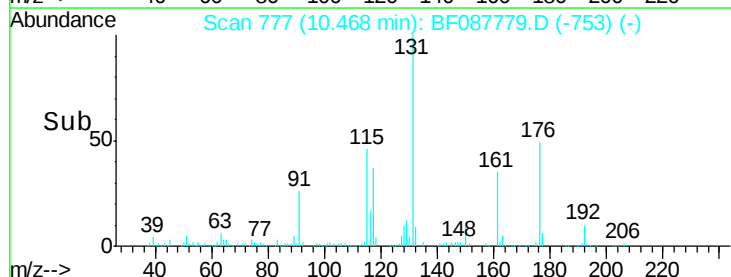
105 2440.9 36.6 76.6#

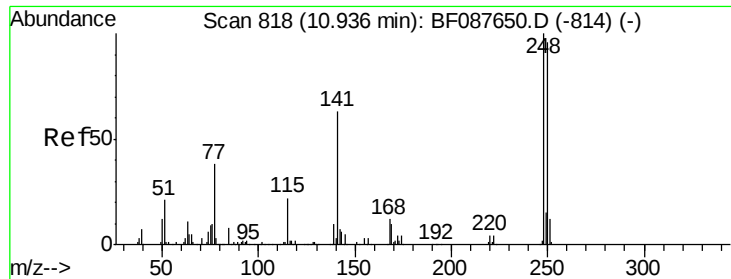


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 5.22 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.25 min

Lab File: BF087779.D

Acq: 7 Jun 2016 6:58

Instrument :

BNA_F

ClientSampleId :

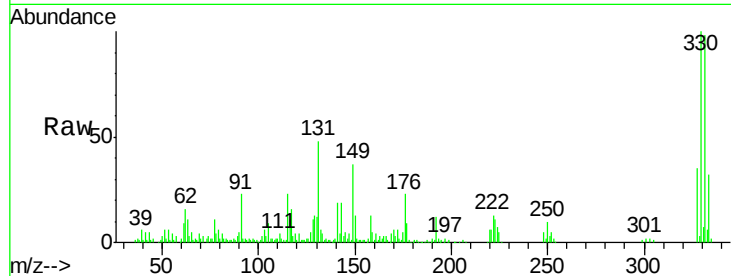
Tgt Ion:248 Resp: 12170

Ion Ratio Lower Upper

248 100

250 200.3 77.1 115.7#

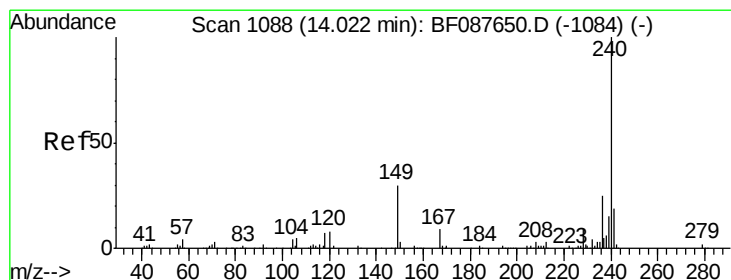
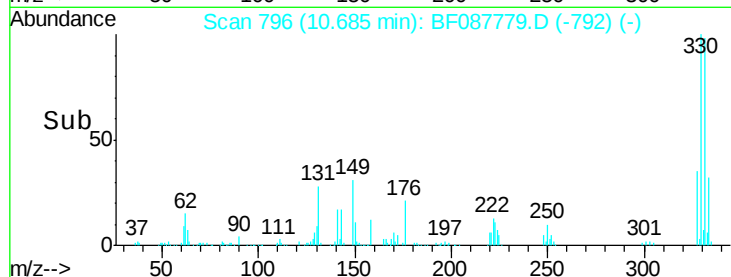
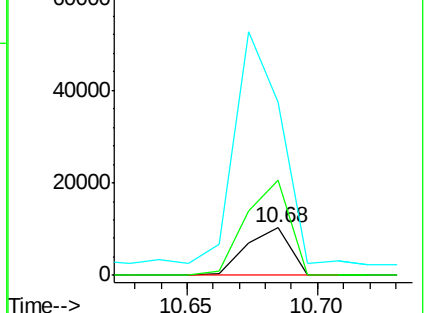
141 365.8 50.6 76.0#



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: 14.00 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BF087779.D

Acq: 7 Jun 2016 6:58

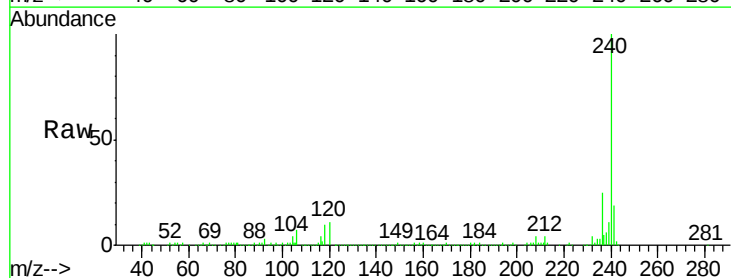
Tgt Ion:240 Resp: 198537

Ion Ratio Lower Upper

240 100

120 11.0 6.8 10.2#

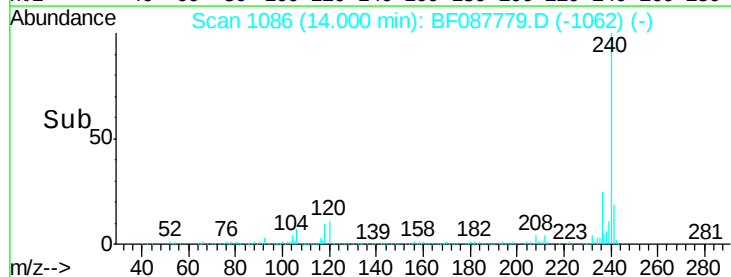
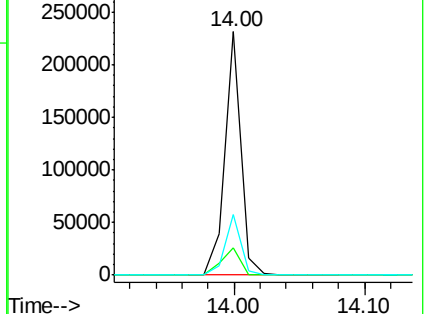
236 25.1 20.2 30.2

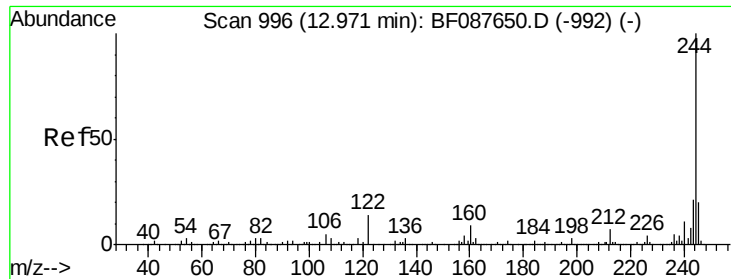


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

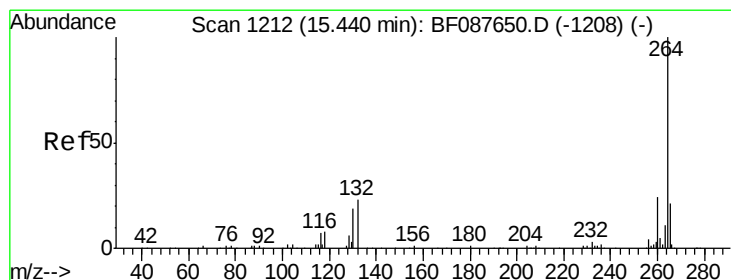
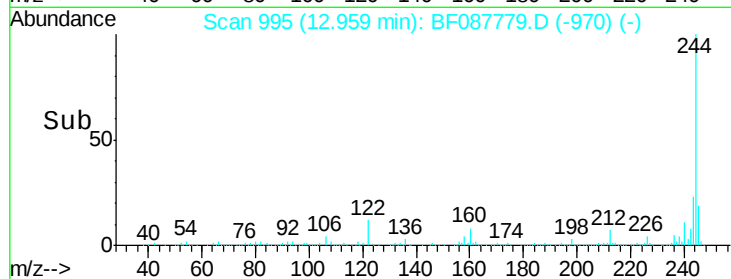
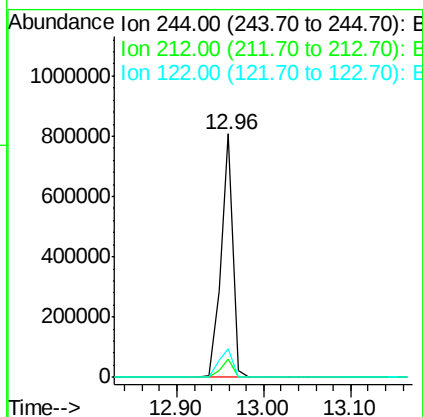
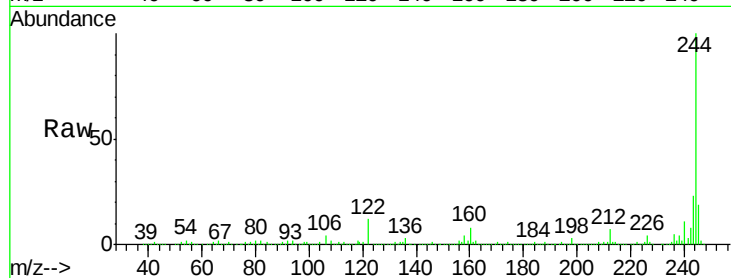




#78
 Terphenyl-d14
 Concen: 95.28 ng
 RT: 12.96 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF087779.D
 Acq: 7 Jun 2016 6:58

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:244 Resp: 775237
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 12.0 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1210
 Delta R.T. -0.02 min
 Lab File: BF087779.D
 Acq: 7 Jun 2016 6:58

Tgt Ion:264 Resp: 139809
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.5 16.9 25.3

