

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
 Data File : BF087694.D
 Acq On : 5 Jun 2016 7:41
 Operator : UM/SJ
 Sample : H3344-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Quant Time: Jun 06 01:32:40 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

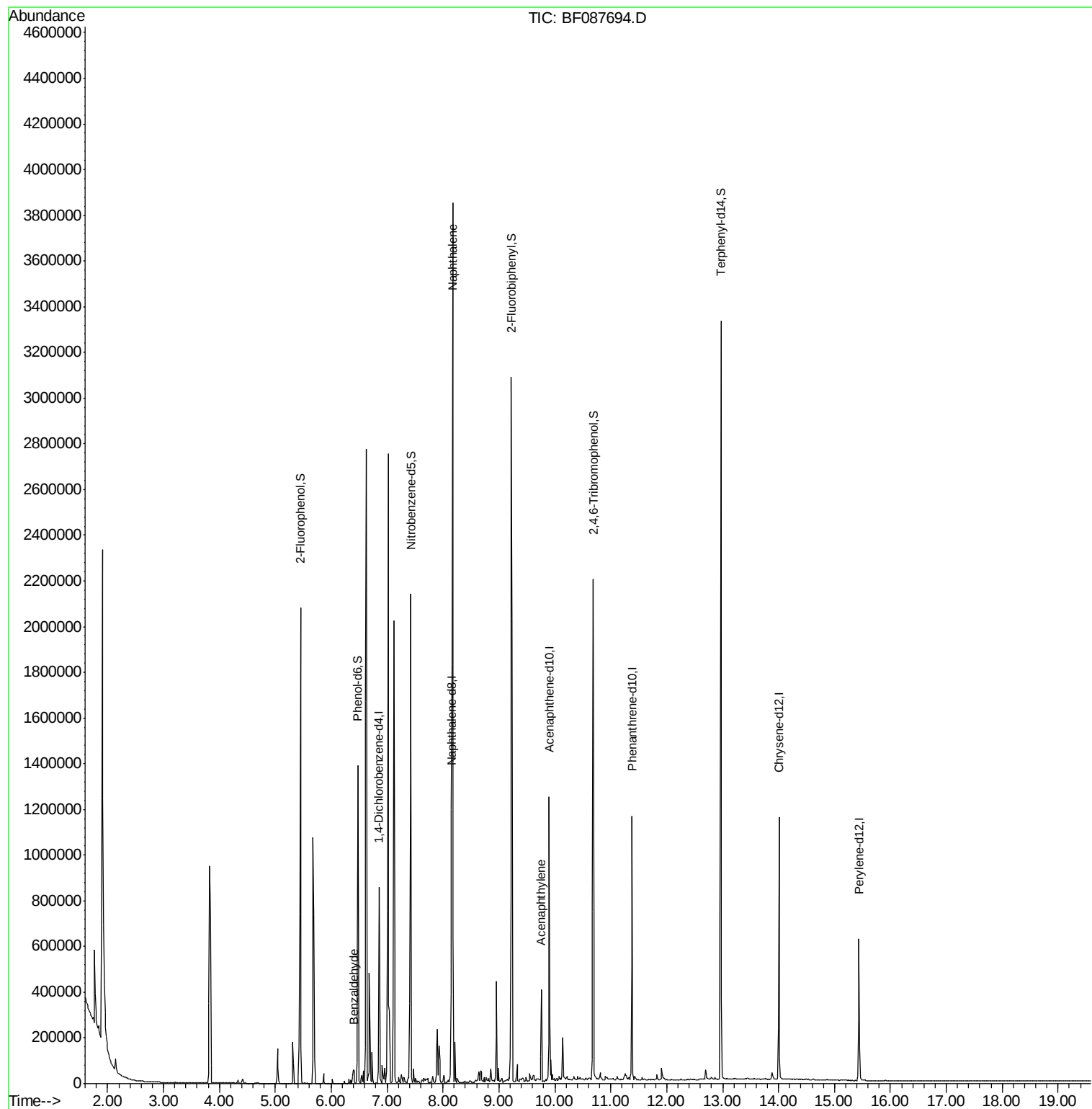
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	123808	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	512355	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	238264	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	459349	20.00	ng	0.00
75) Chrysene-d12	14.01	240	360858	20.00	ng	-0.01
86) Perylene-d12	15.44	264	268860	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	515587	67.31	ng	0.00
7) Phenol-d6	6.48	99	453885	47.25	ng	-0.01
23) Nitrobenzene-d5	7.43	82	892174	100.75	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	331348	138.54	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1446678	98.13	ng	-0.01
78) Terphenyl-d14	12.97	244	1127484	76.24	ng	0.00
Target Compounds						
9) Benzaldehyde	6.40	77	14865	2.29	ng	93
31) Naphthalene	8.17	128	2146118	86.15	ng	98
48) Acenaphthylene	9.76	152	169247	7.05	ng	98

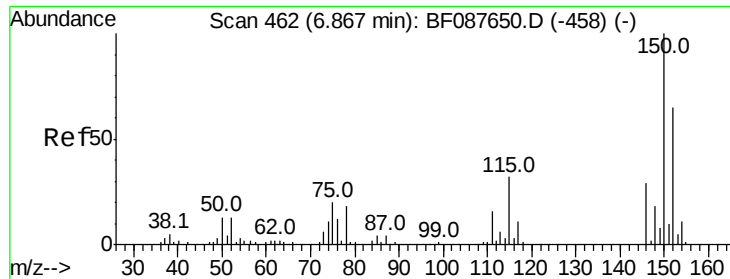
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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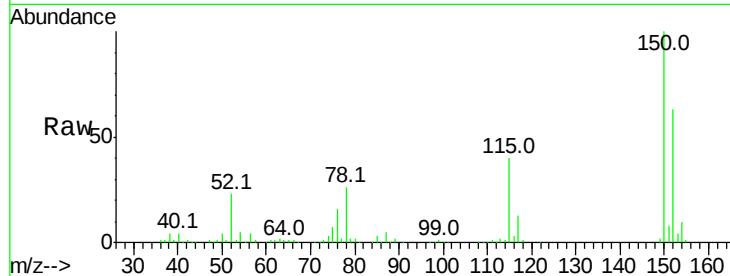


#1

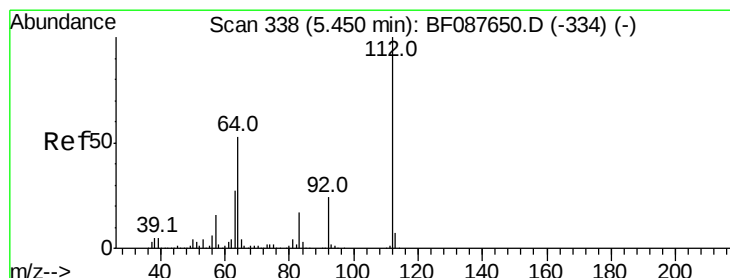
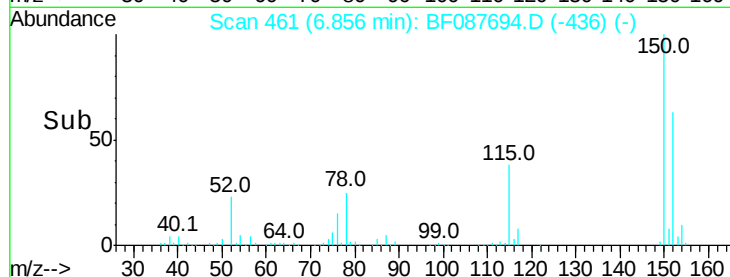
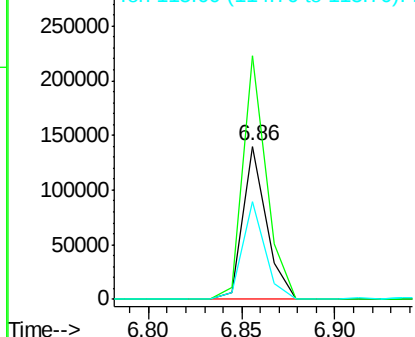
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF087694.D
 Acq: 5 Jun 2016 7:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	123.8	185.6
115	63.7	39.6	59.4



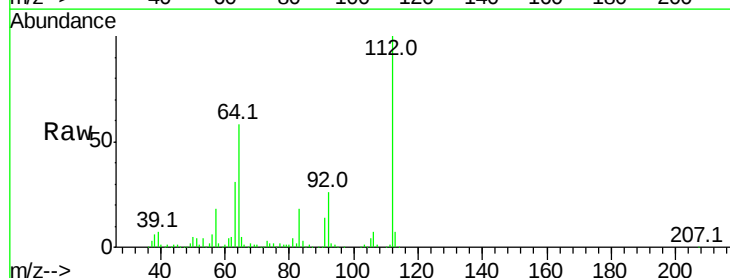
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



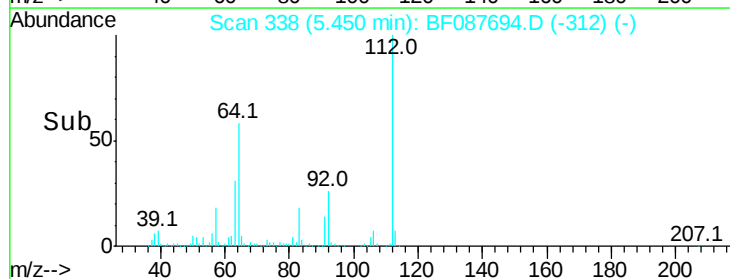
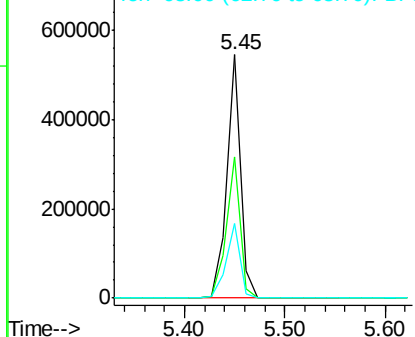
#5

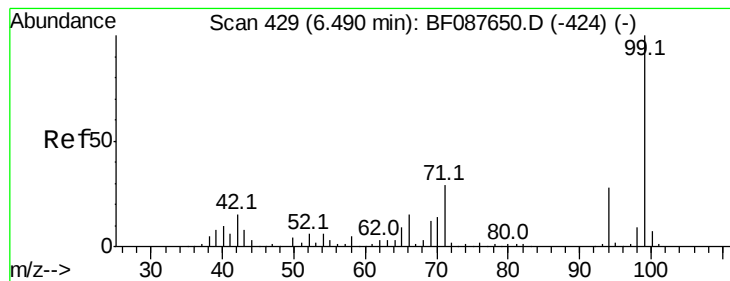
2-Fluorophenol
 Concen: 67.31 ng
 RT: 5.45 min Scan# 338
 Delta R.T. 0.00 min
 Lab File: BF087694.D
 Acq: 5 Jun 2016 7:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	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: 47.25 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087694.D

Acq: 5 Jun 2016 7:41

Instrument :

BNA_F

ClientSampleId :

MW-15

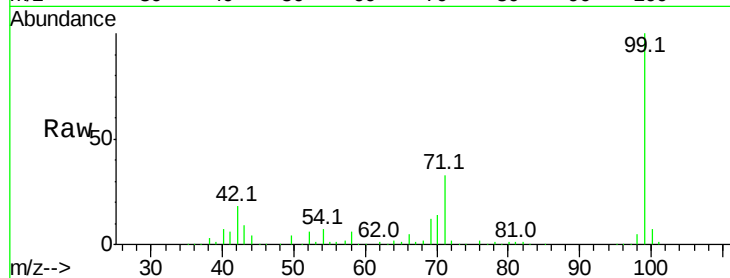
Tot Ion: 99 Resp: 453885

Ion Ratio Lower Upper

99 100

42 18.0 12.2 18.2

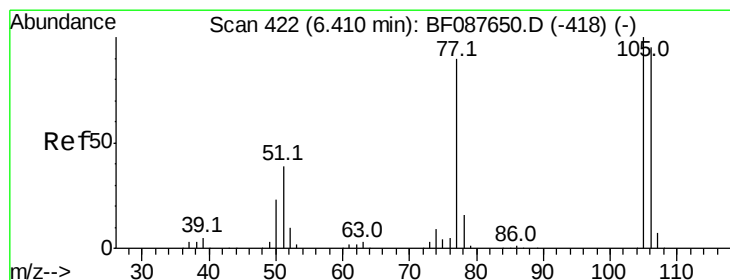
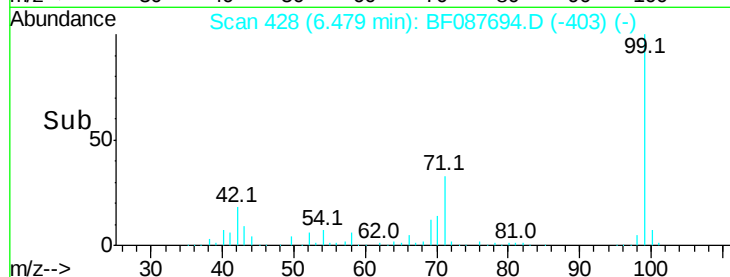
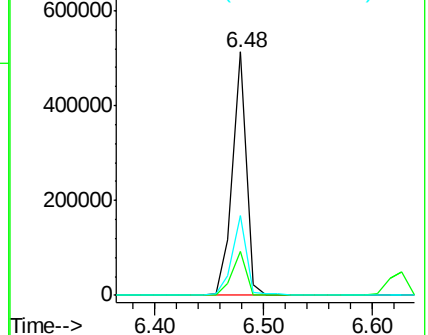
71 32.6 23.4 35.0



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: 2.29 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF087694.D

Acq: 5 Jun 2016 7:41

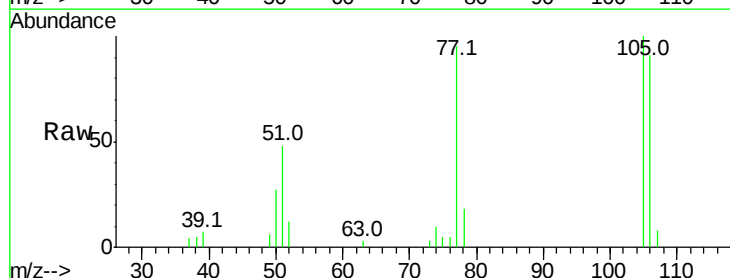
Tgt Ion: 77 Resp: 14865

Ion Ratio Lower Upper

77 100

105 105.4 90.6 130.6

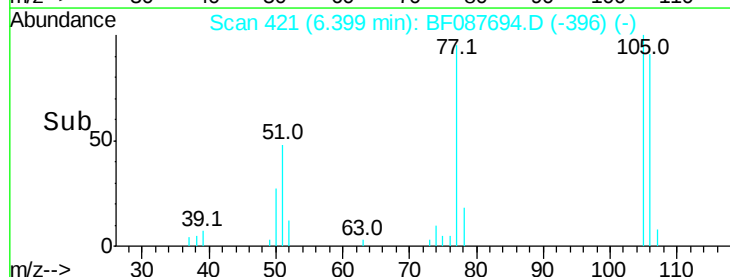
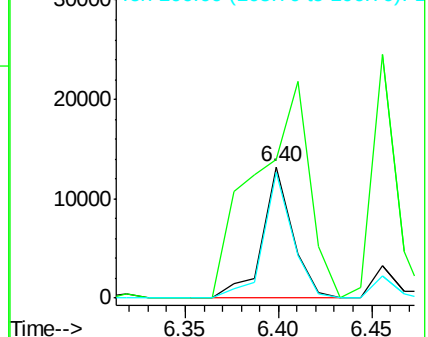
106 95.9 85.3 125.3

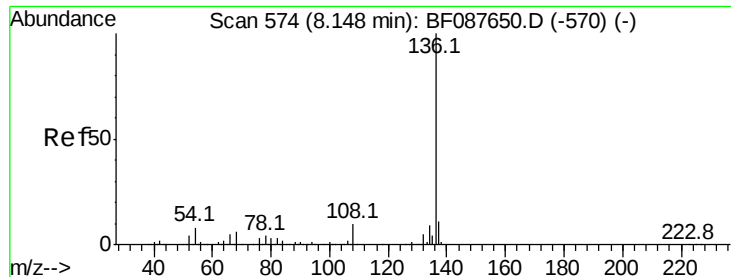


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF087694.D

Acq: 5 Jun 2016 7:41

Instrument :

BNA_F

ClientSampleId :

MW-15

Tot Ion:136 Resp: 512355

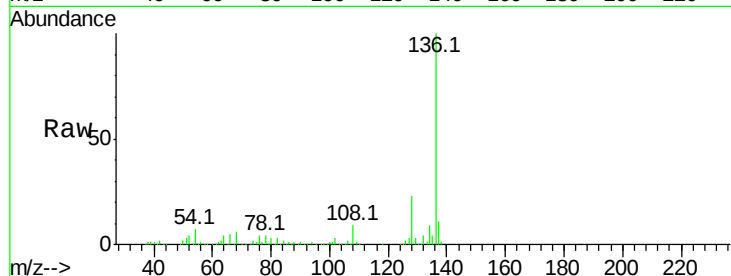
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.0 6.6 10.0

68 5.7 5.1 7.7

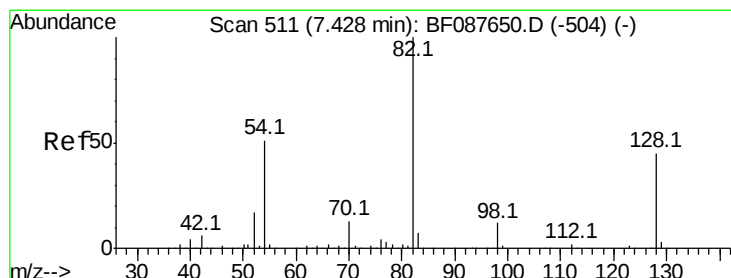
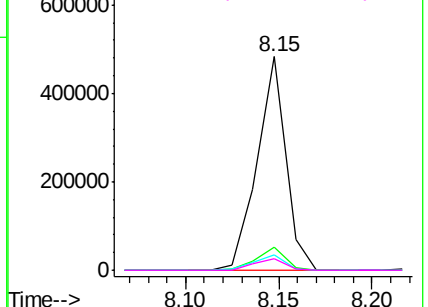
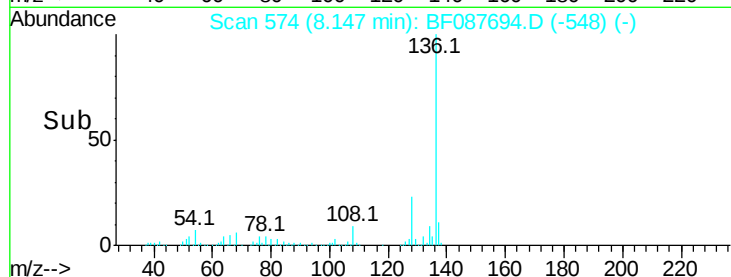


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.75 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF087694.D

Acq: 5 Jun 2016 7:41

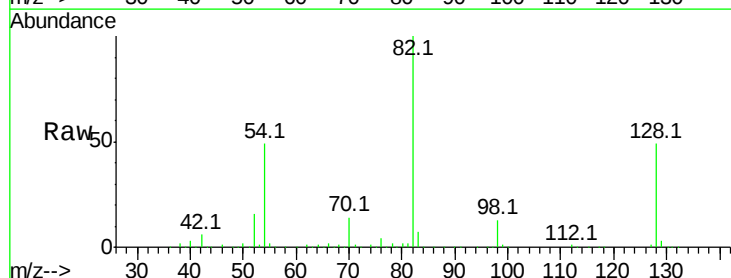
Tgt Ion: 82 Resp: 892174

Ion Ratio Lower Upper

82 100

128 49.0 35.9 53.9

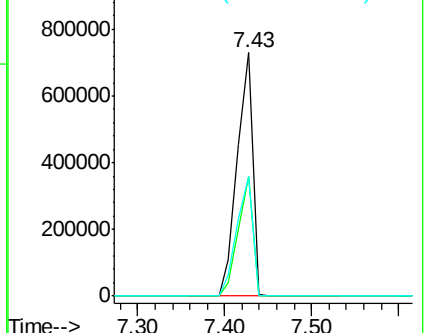
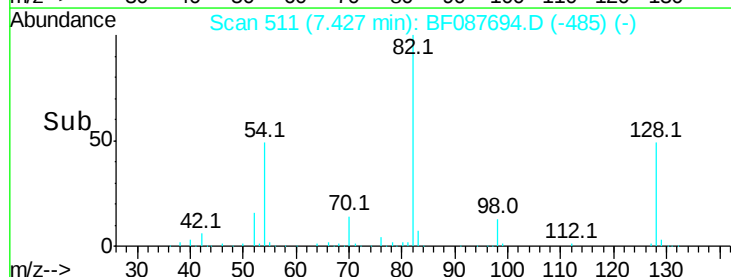
54 49.2 40.9 61.3

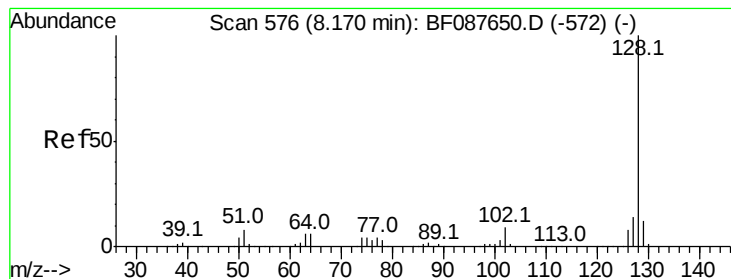


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 86.15 ng

RT: 8.17 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF087694.D

Acq: 5 Jun 2016 7:41

Instrument :

BNA_F

ClientSampleId :

MW-15

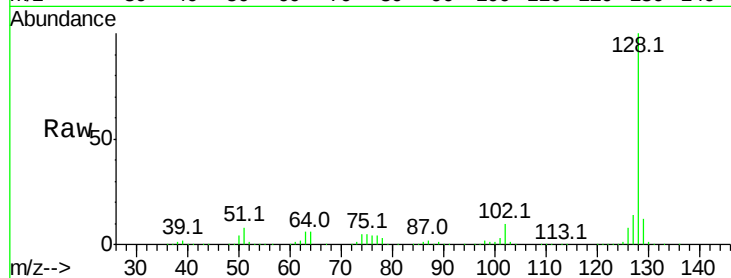
Tot Ion:128 Resp: 2146118

Ion Ratio Lower Upper

128 100

129 12.4 9.4 14.2

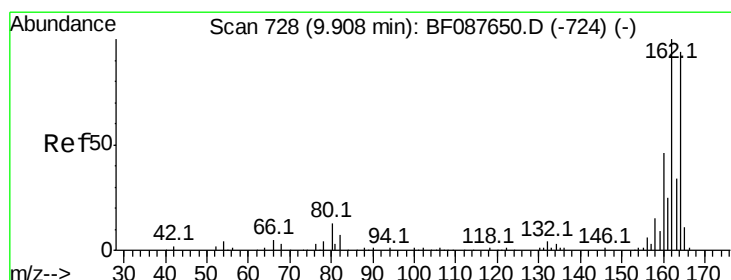
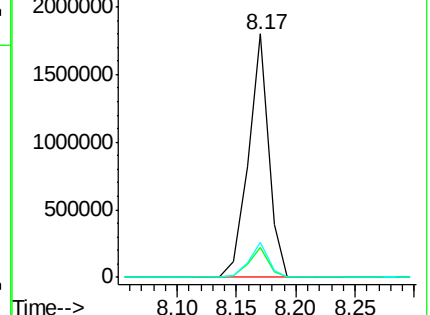
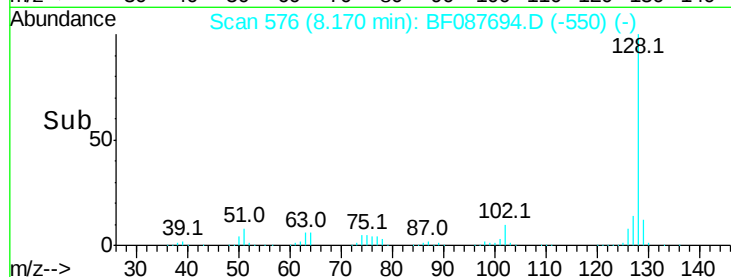
127 14.3 10.9 16.3



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: BF087694.D

Acq: 5 Jun 2016 7:41

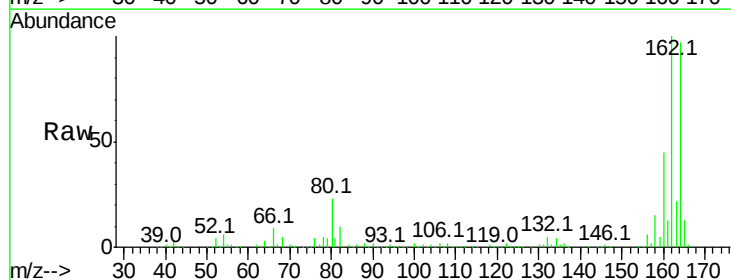
Tgt Ion:164 Resp: 238264

Ion Ratio Lower Upper

164 100

162 103.6 85.4 128.2

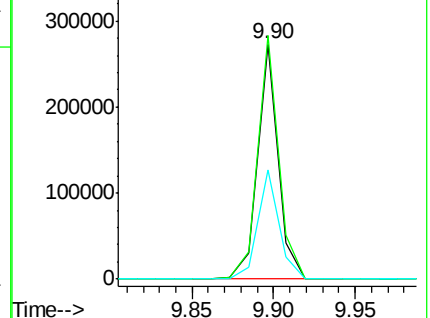
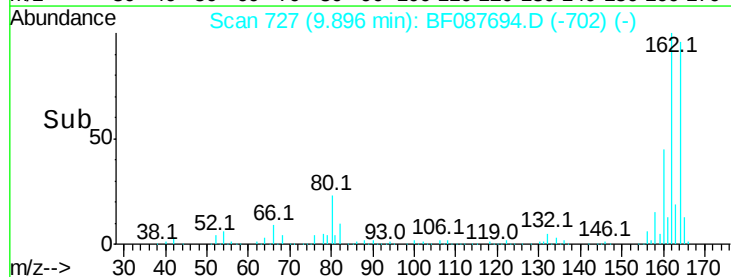
160 46.6 39.5 59.3

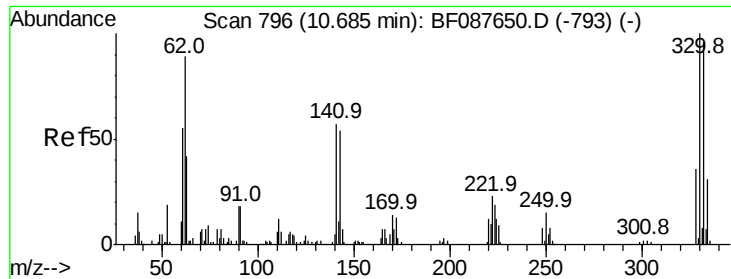


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

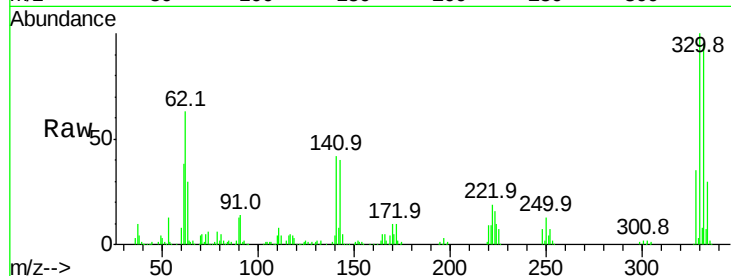




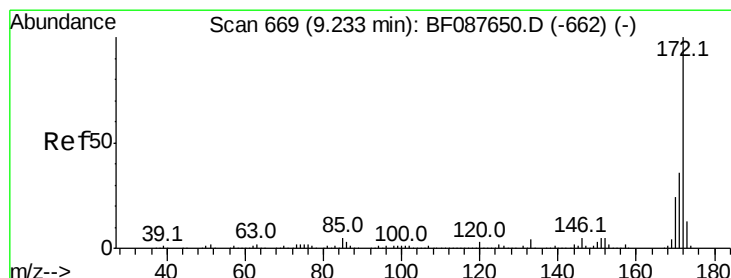
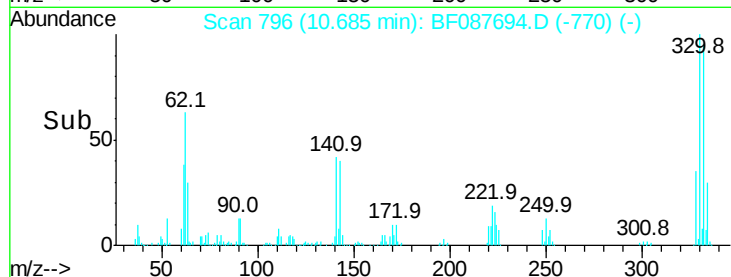
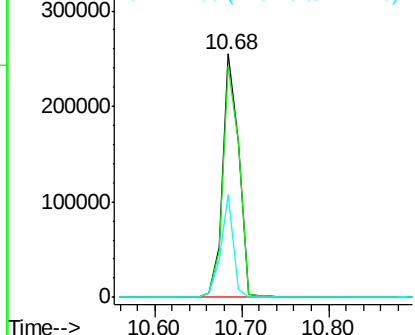
#41
 2,4,6-Tribromophenol
 Concen: 138.54 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF087694.D
 Acq: 5 Jun 2016 7:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Tot Ion:330 Resp: 331348
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 33.7 0.0 0.0#

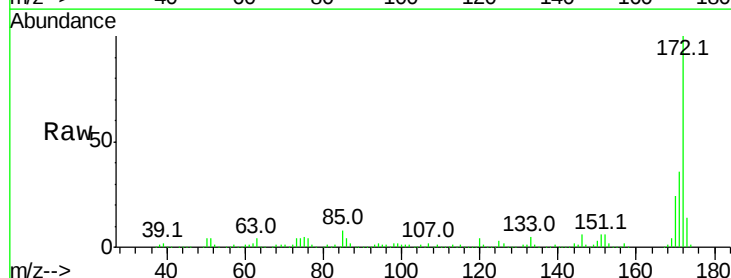


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

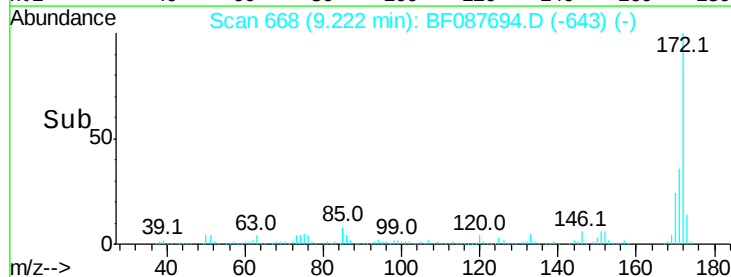
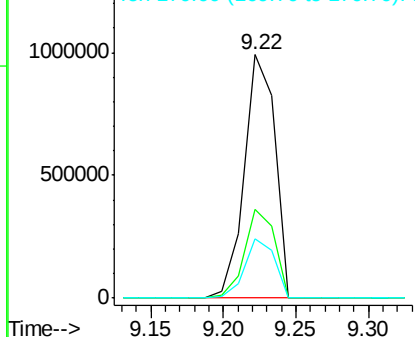


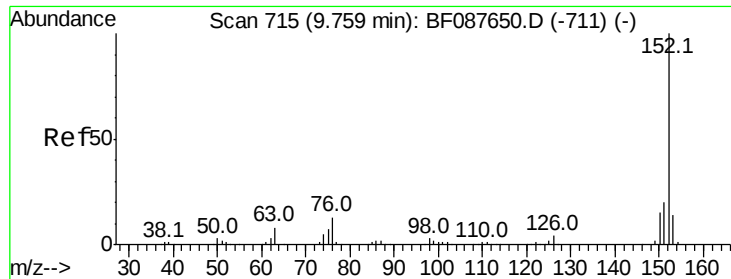
#44
 2-Fluorobiphenyl
 Concen: 98.13 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087694.D
 Acq: 5 Jun 2016 7:41

Tgt Ion:172 Resp: 1446678
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 24.5 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





#48

Acenaphthylene

Concen: 7.05 ng

RT: 9.76 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF087694.D

Acq: 5 Jun 2016 7:41

Instrument :

BNA_F

ClientSampleId :

MW-15

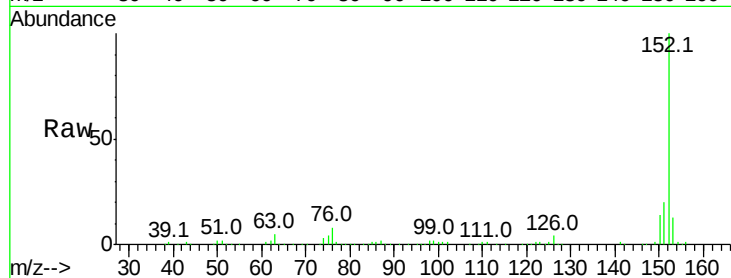
Tot Ion:152 Resp: 169247

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.4

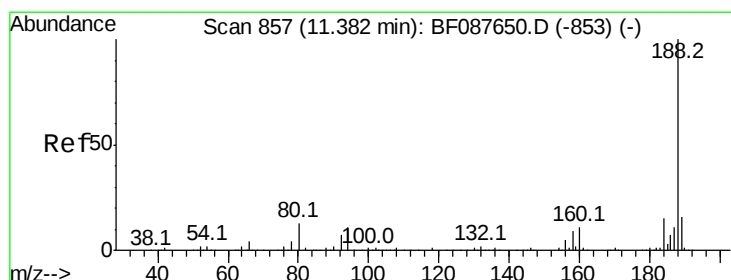
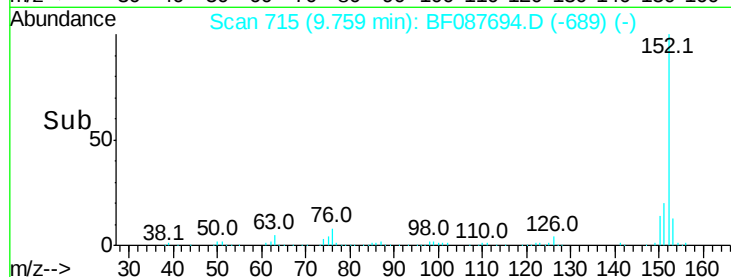
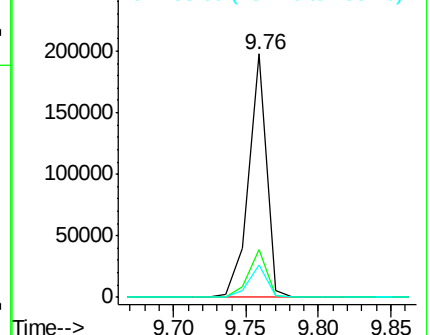
153 13.1 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF087694.D

Acq: 5 Jun 2016 7:41

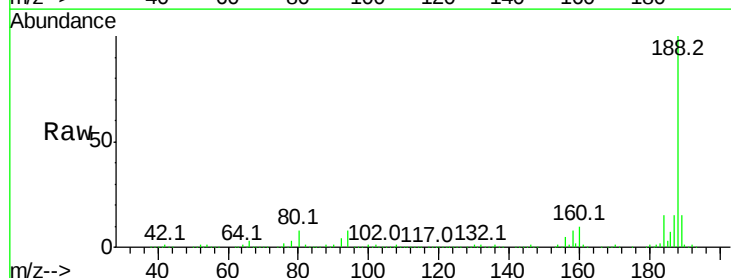
Tgt Ion:188 Resp: 459349

Ion Ratio Lower Upper

188 100

94 8.0 9.0 13.6#

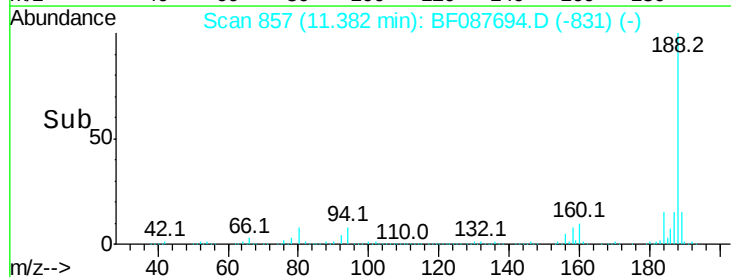
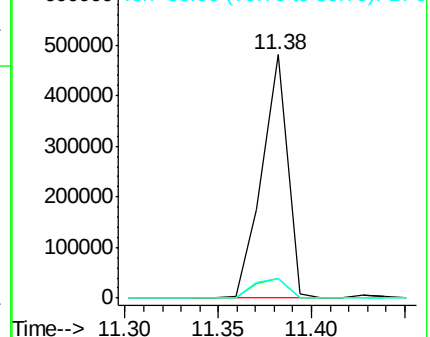
80 8.1 10.0 15.0#

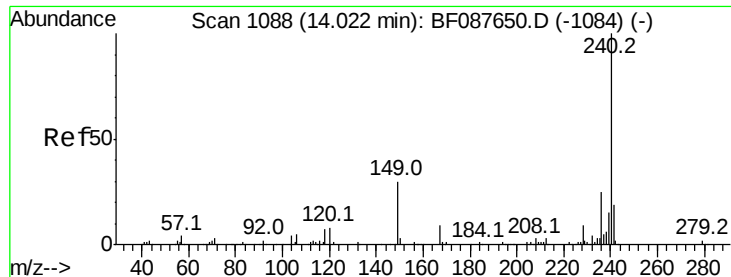


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF087694.D

Acq: 5 Jun 2016 7:41

Instrument :

BNA_F

ClientSampled :

MW-15

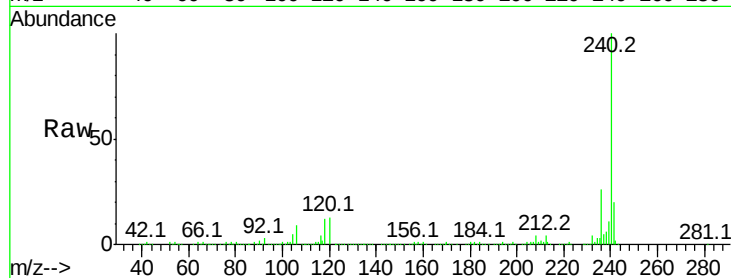
Tot Ion:240 Resp: 360858

Ion Ratio Lower Upper

240 100

120 13.2 6.8 10.2#

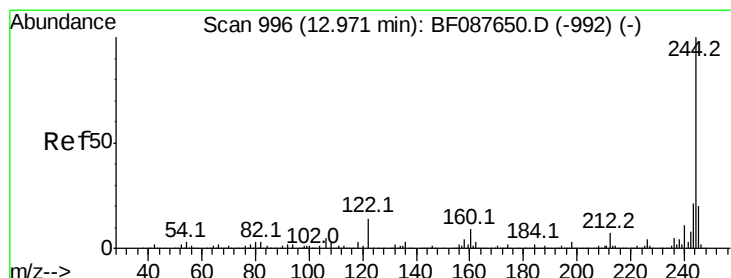
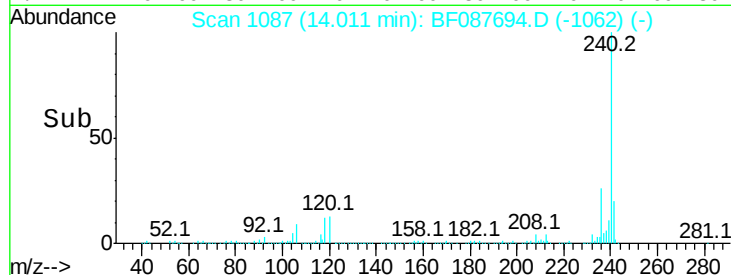
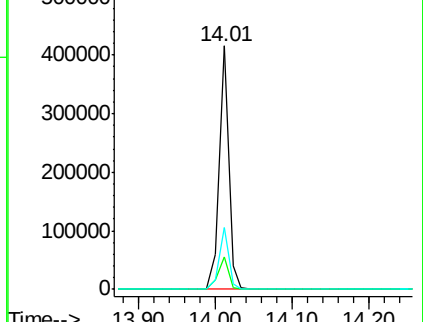
236 25.5 20.2 30.2



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: 76.24 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF087694.D

Acq: 5 Jun 2016 7:41

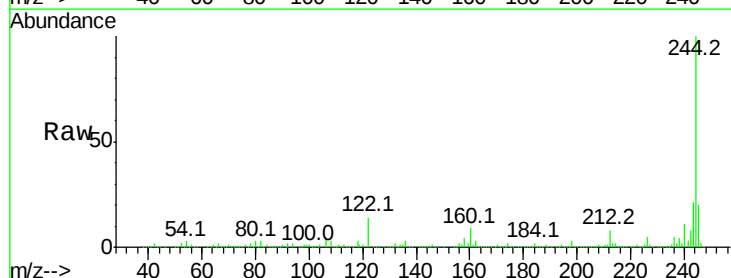
Tgt Ion:244 Resp: 1127484

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

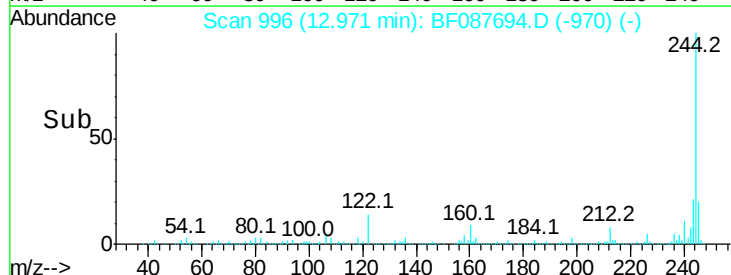
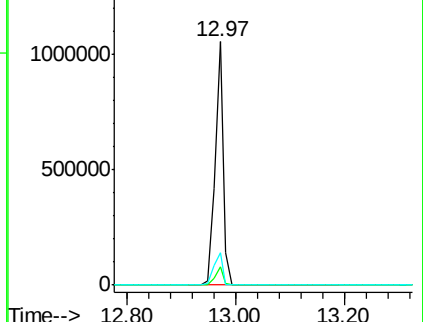
122 13.6 11.2 16.8

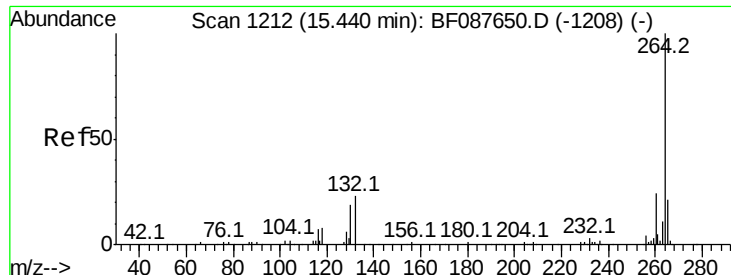


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

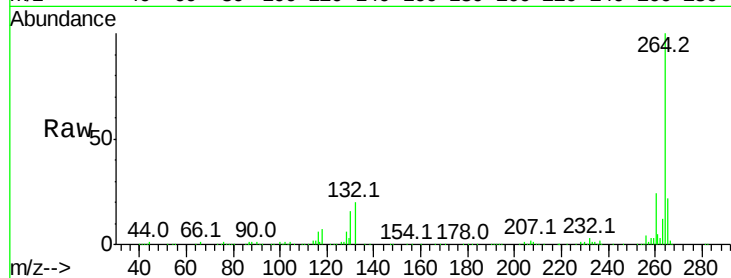




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF087694.D
 Acq: 5 Jun 2016 7:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.9	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

