

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 02:26:28 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

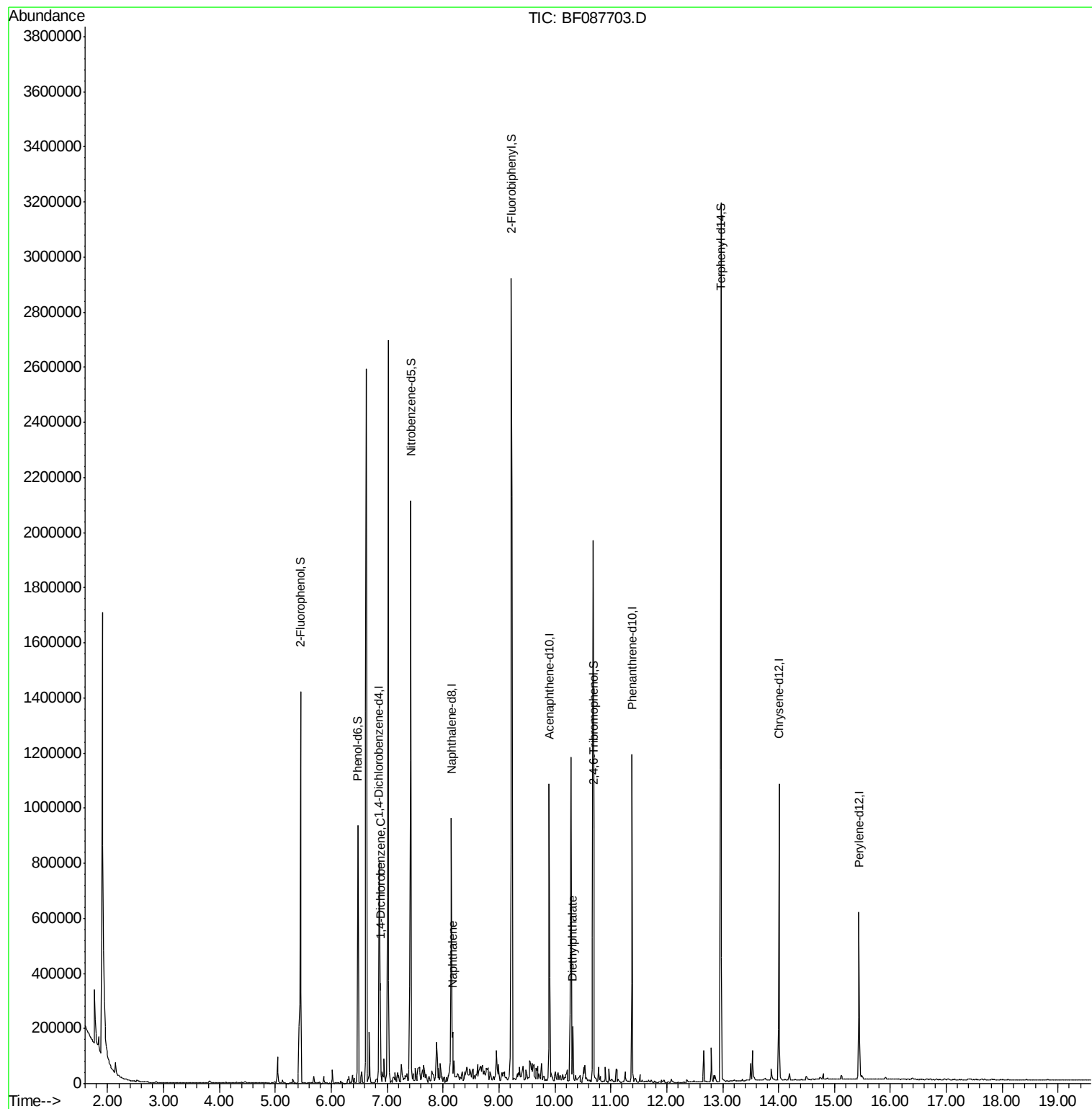
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	116886	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	487160	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	220203	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	428078	20.00	ng	0.00
75) Chrysene-d12	14.01	240	339056	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						Qvalue
13) 1,4-Dichlorobenzene	6.88	146	89029	9.96	ng	96
31) Naphthalene	8.17	128	89172	3.76	ng	99
59) Diethylphthalate	10.32	149	62031	3.86	ng	98

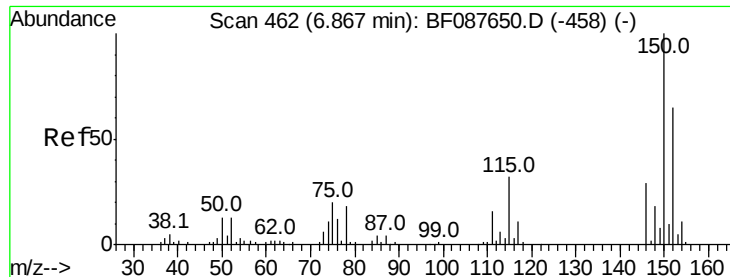
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 02:26:28 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





#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

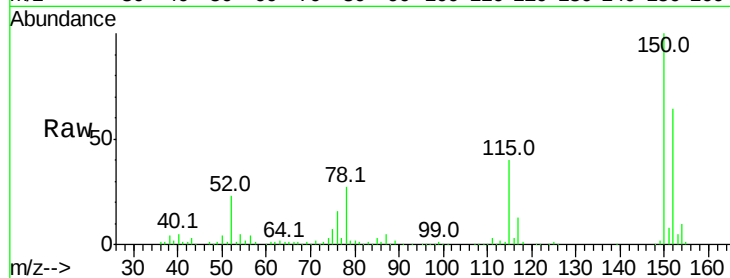
Tot Ion:152 Resp: 116886

Ion Ratio Lower Upper

152 100

150 157.1 123.8 185.6

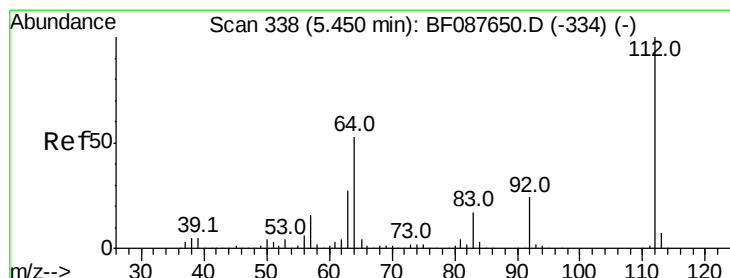
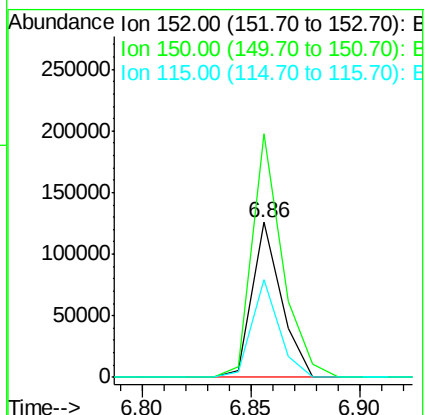
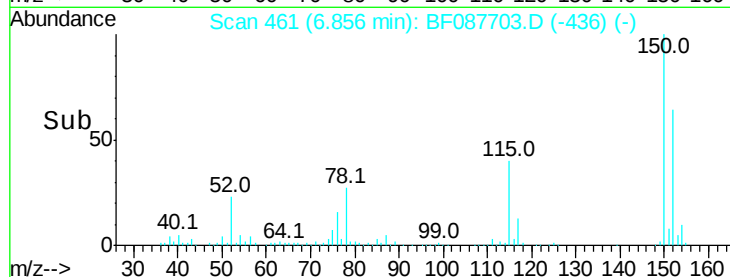
115 63.3 39.6 59.4#



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

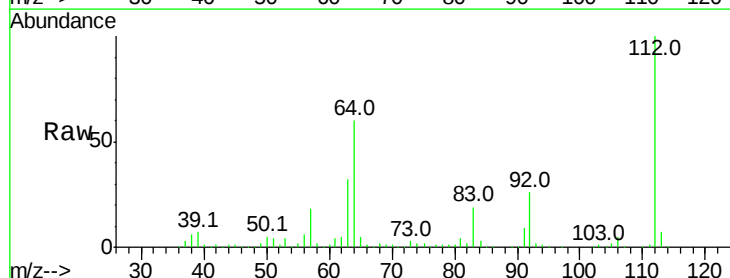
Tgt Ion:112 Resp: 378926

Ion Ratio Lower Upper

112 100

64 60.4 42.2 63.2

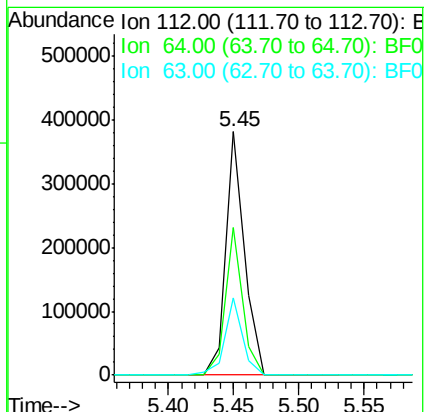
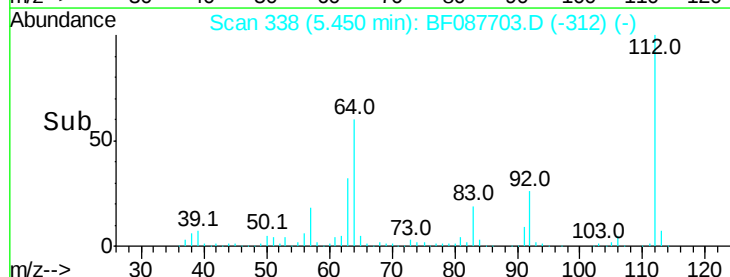
63 31.7 21.8 32.8

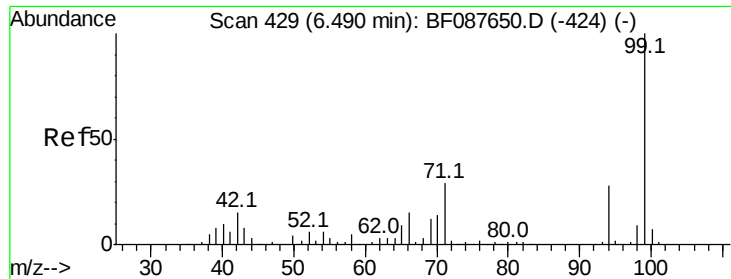


Abundance Ion 112.00 (111.70 to 112.70): E

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 :

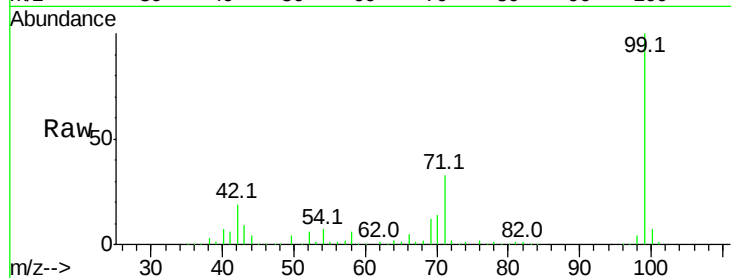
BNA_F

ClientSampleId :

SP16-JMW0980

Tot Ion: 99 Resp: 293733

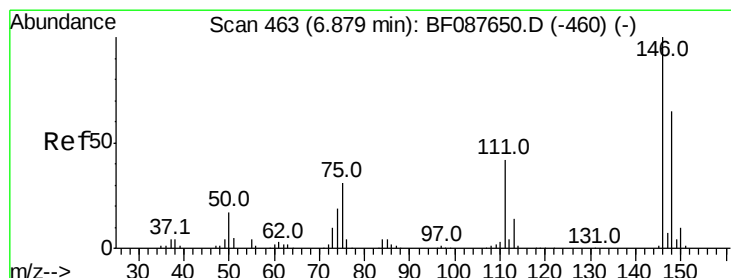
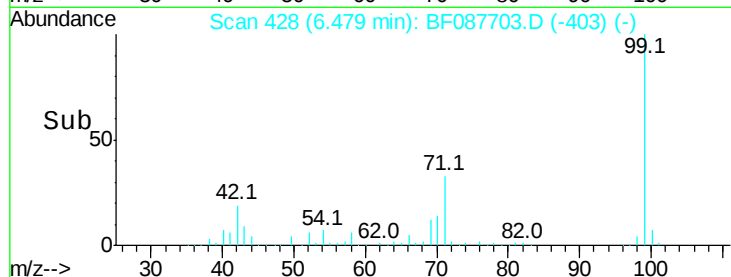
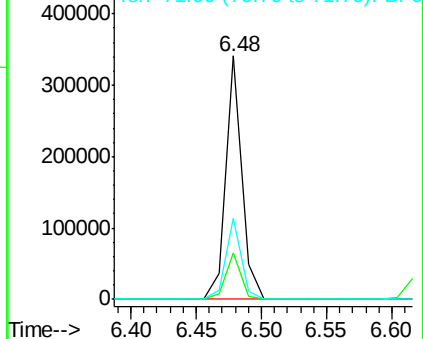
Ion	Ratio	Lower	Upper
99	100		
42	18.9	12.2	18.2#
71	33.2	23.4	35.0



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



#13

1,4-Dichlorobenzene

Concen: 9.96 ng

RT: 6.88 min Scan# 463

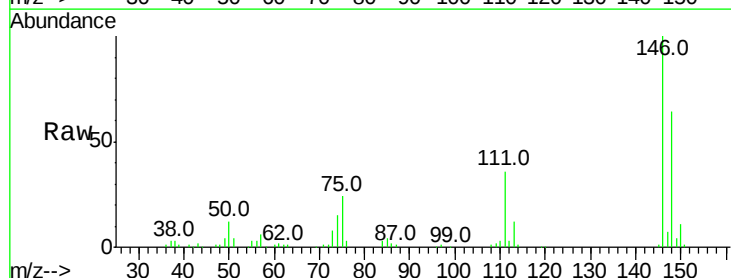
Delta R.T. -0.00 min

Lab File: BF087703.D

Acq: 5 Jun 2016 12:12

Tgt Ion: 146 Resp: 89029

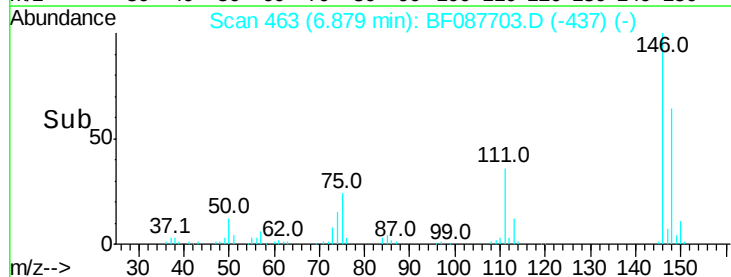
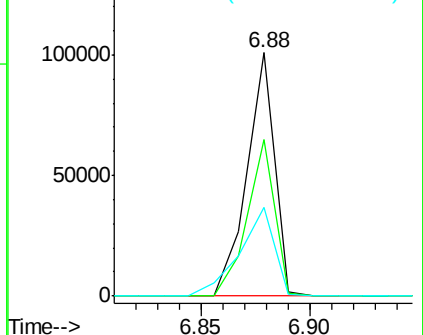
Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.0	78.0
111	36.5	33.8	50.8

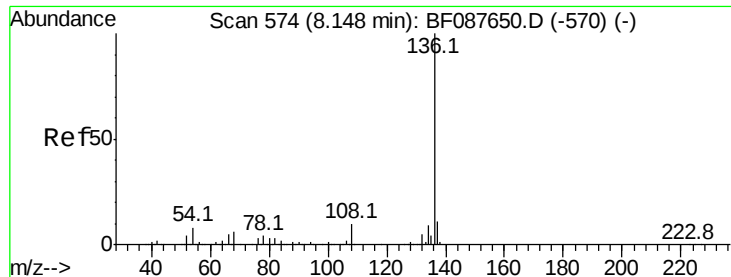


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#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

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0980

Tot Ion:136 Resp: 487160

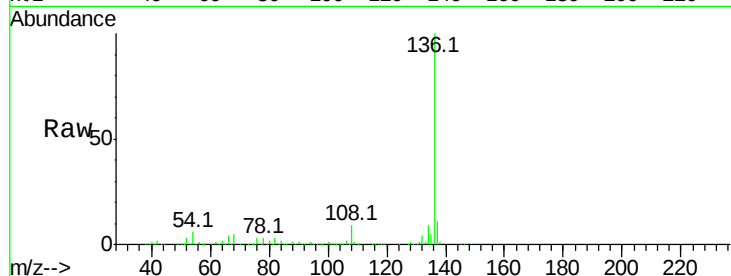
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 6.3 6.6 10.0#

68 5.1 5.1 7.7#

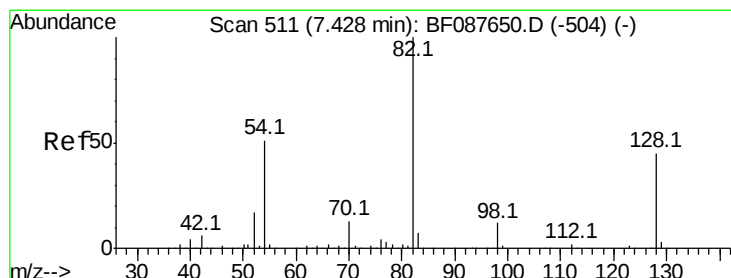
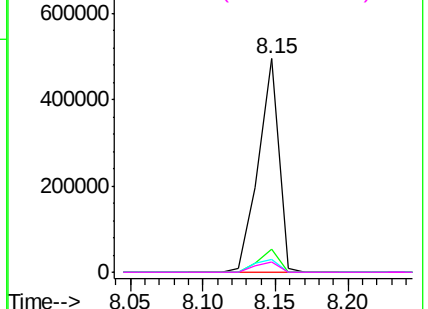
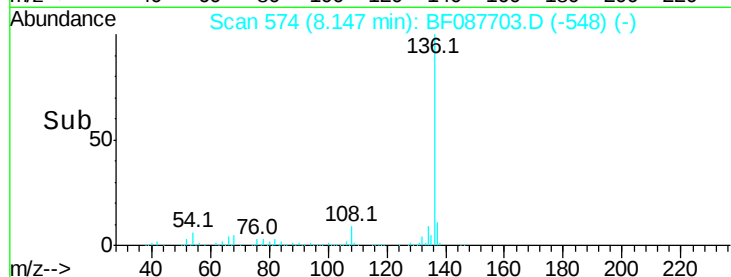


Abundance Ion 136.00 (135.70 to 136.70): E

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: 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

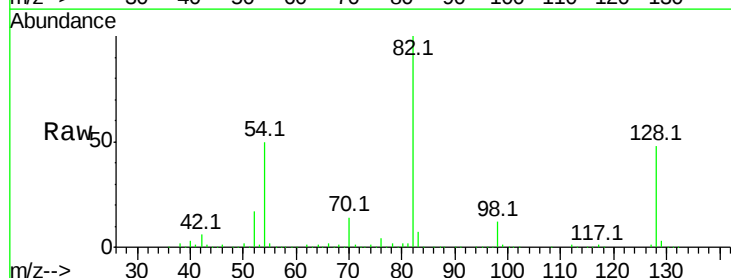
Tgt Ion: 82 Resp: 824523

Ion Ratio Lower Upper

82 100

128 48.1 35.9 53.9

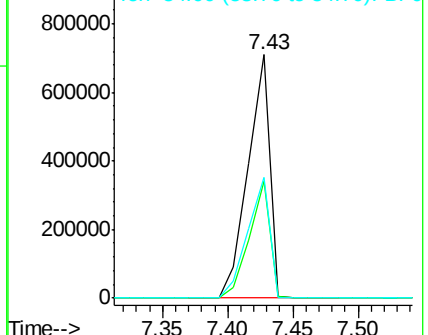
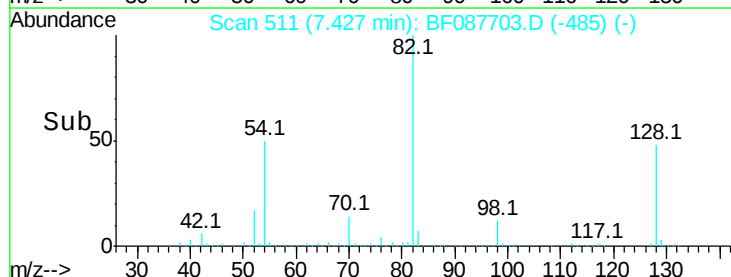
54 49.6 40.9 61.3

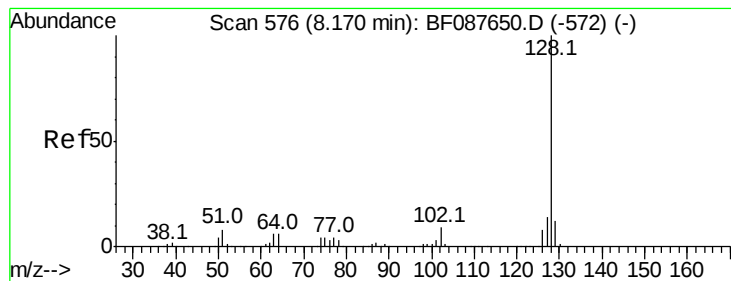


Abundance Ion 82.00 (81.70 to 82.70): BF0

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

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0980

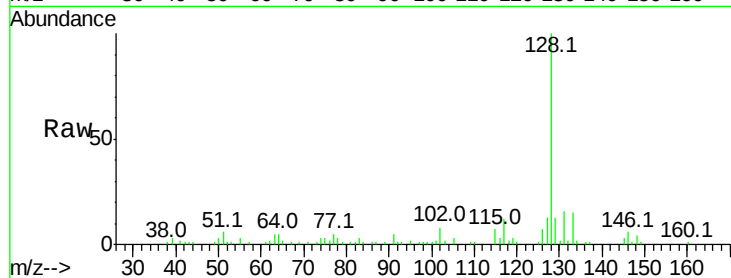
Tot Ion:128 Resp: 89172

Ion Ratio Lower Upper

128 100

129 12.7 9.4 14.2

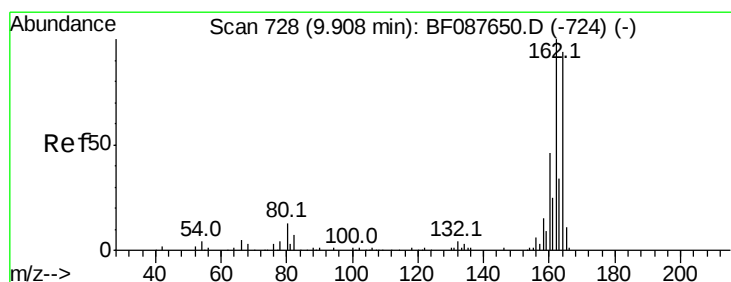
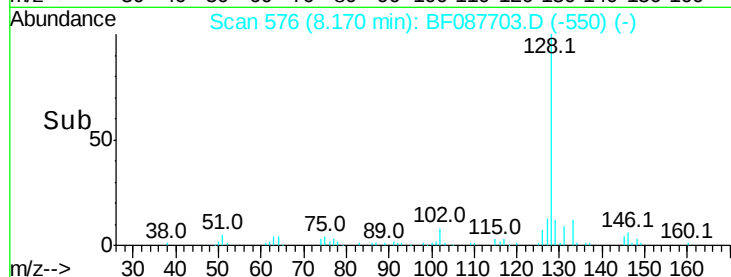
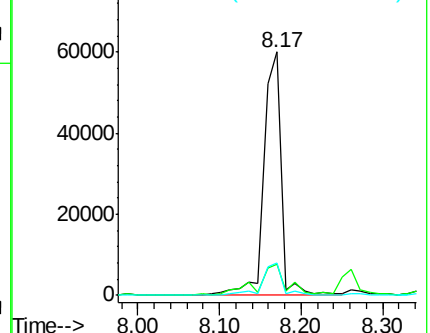
127 13.4 10.9 16.3



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

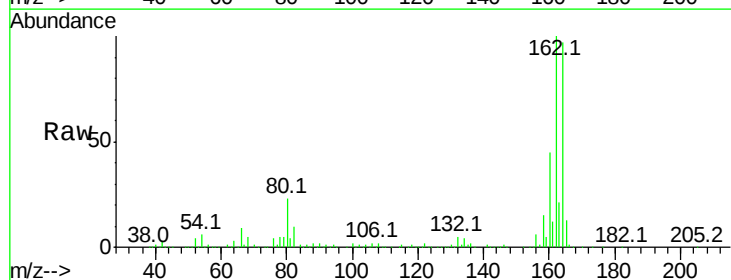
Tgt Ion:164 Resp: 220203

Ion Ratio Lower Upper

164 100

162 102.9 85.4 128.2

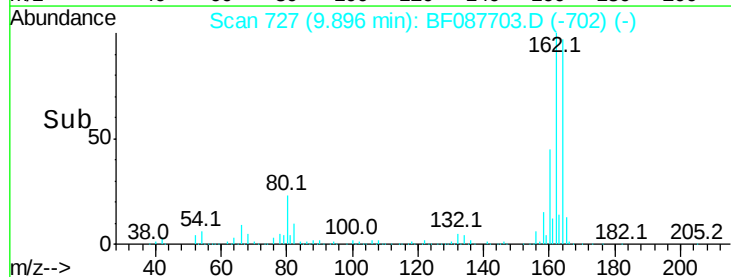
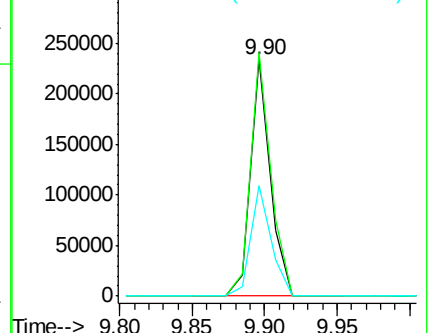
160 46.4 39.5 59.3

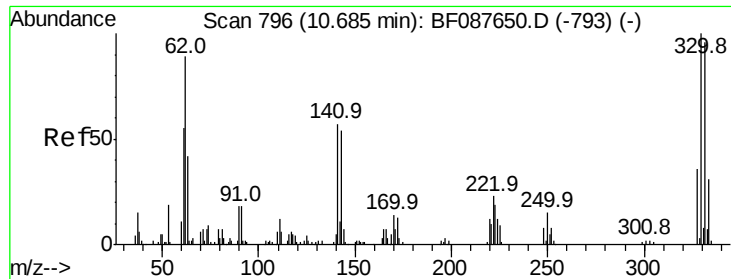


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

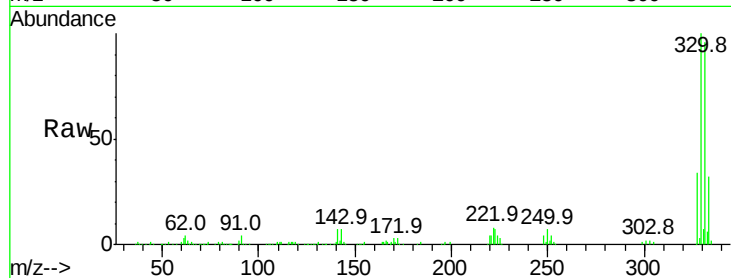




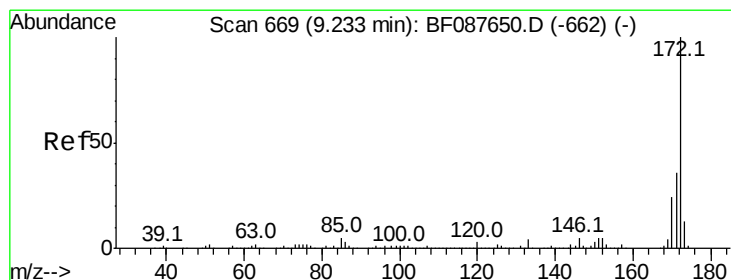
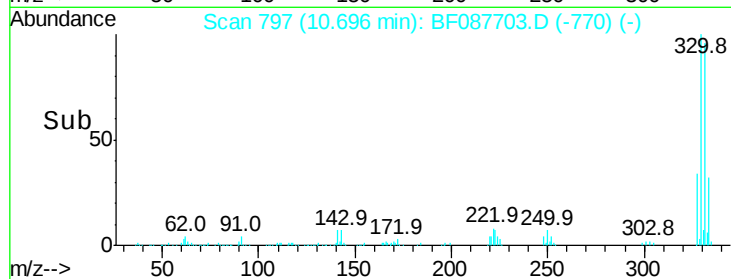
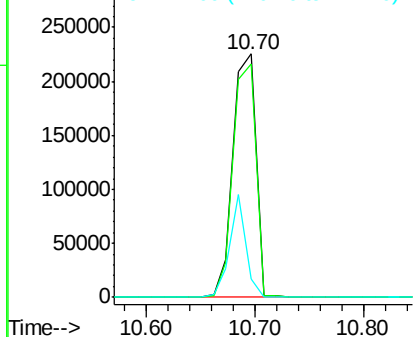
#41
 2,4,6-Tribromophenol
 Concen: 147.49 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF087703.D
 Acq: 5 Jun 2016 12:12

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0980

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

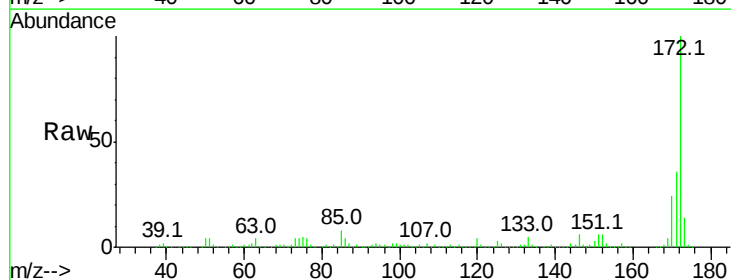


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

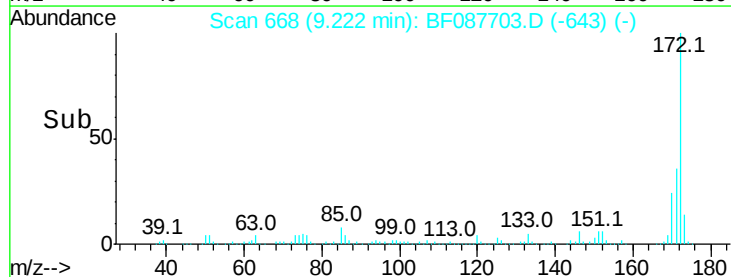
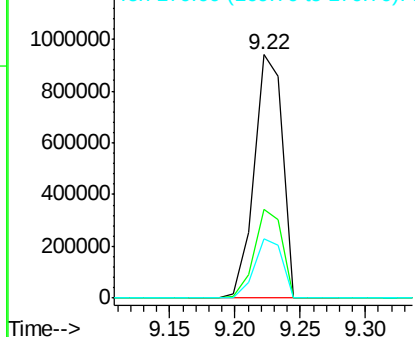


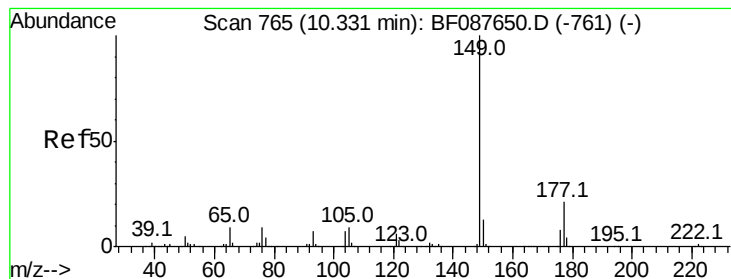
#44
 2-Fluorobiphenyl
 Concen: 109.12 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087703.D
 Acq: 5 Jun 2016 12:12

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





#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

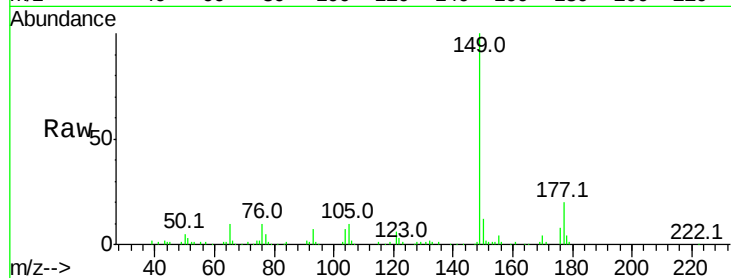
Tot Ion:149 Resp: 62031

Ion Ratio Lower Upper

149 100

177 19.8 16.9 25.3

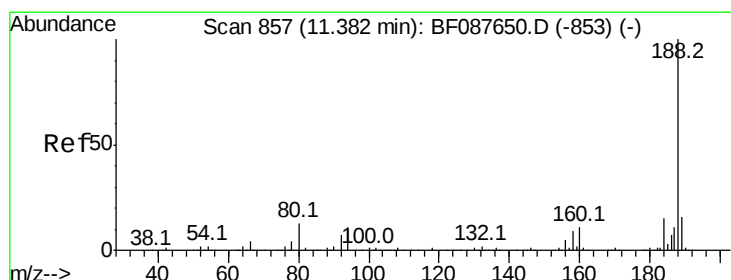
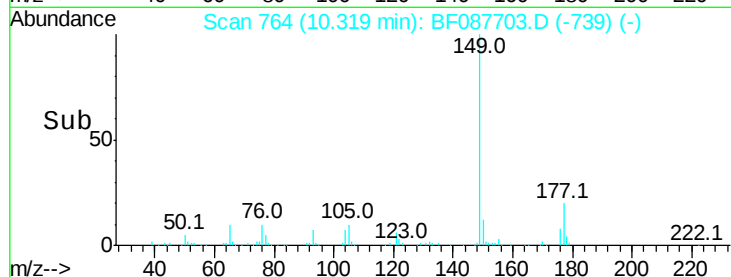
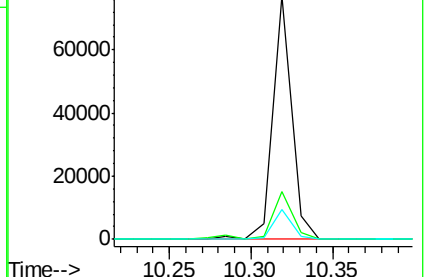
150 12.1 10.1 15.1



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

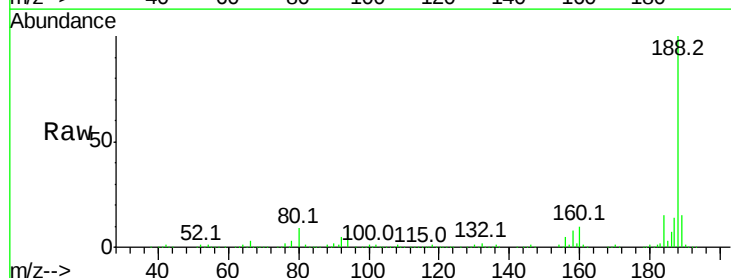
Tgt Ion:188 Resp: 428078

Ion Ratio Lower Upper

188 100

94 8.9 9.0 13.6#

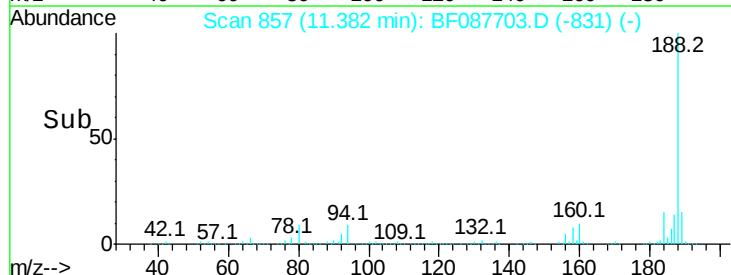
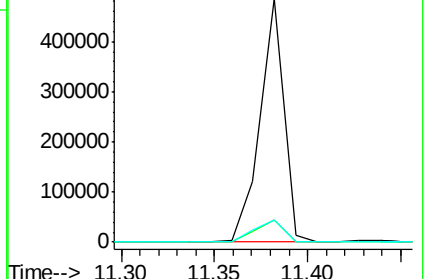
80 9.3 10.0 15.0#

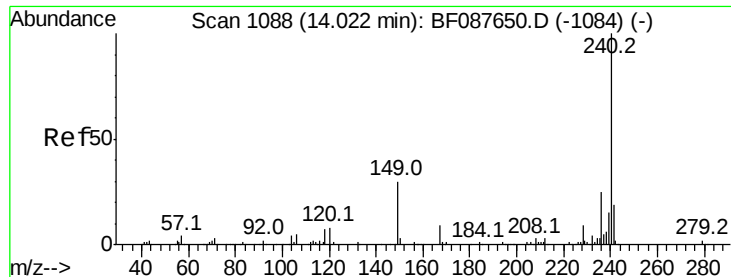


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#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

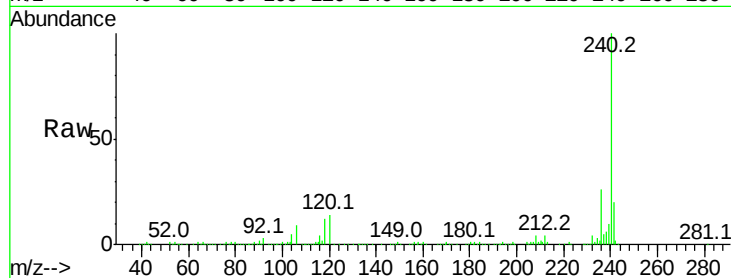
Tot Ion:240 Resp: 339056

Ion Ratio Lower Upper

240 100

120 13.7 6.8 10.2#

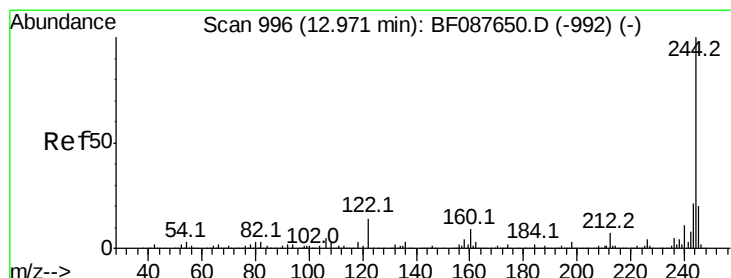
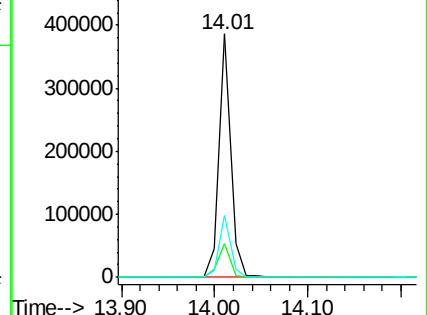
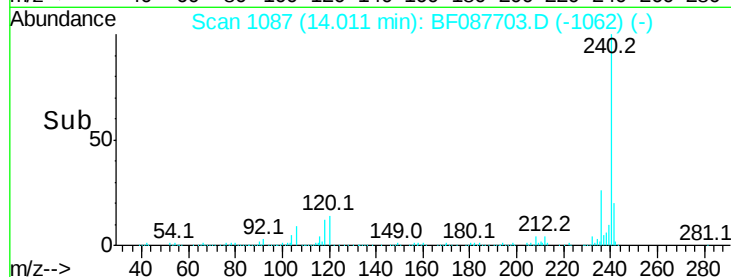
236 25.6 20.2 30.2



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

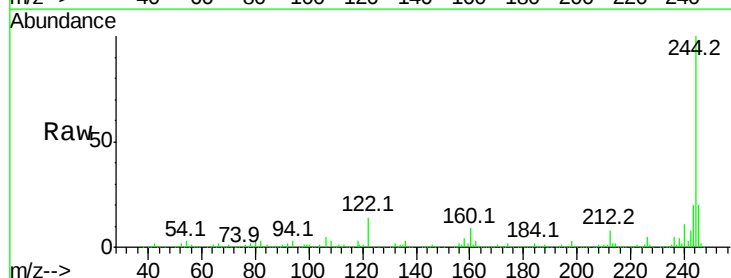
Tgt Ion:244 Resp: 1058881

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

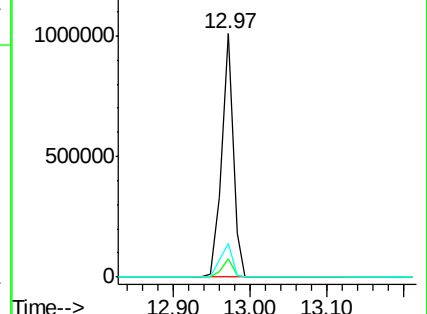
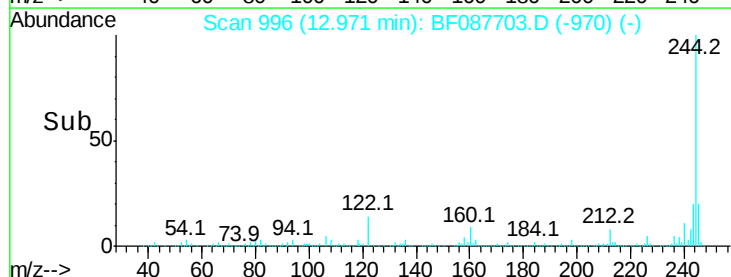
122 13.9 11.2 16.8

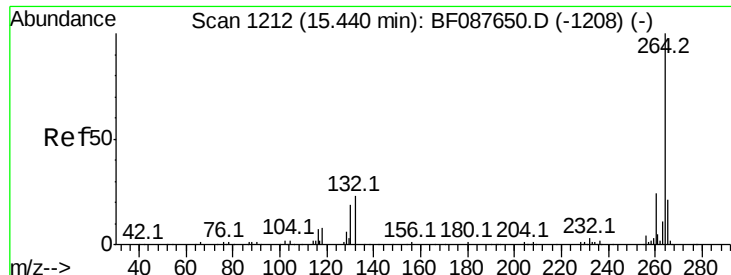


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



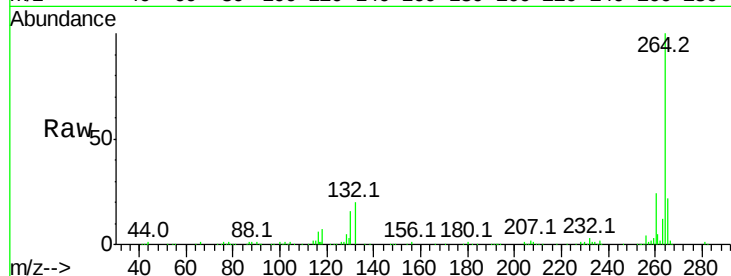


#86
Pervlone-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF087703.D
Acq: 5 Jun 2016 12:12

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0980

Tot Ion: 264 Resp: 254334

Ion	Ratio	Lower	Upper
264	100		
260	23.9	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

