

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
 Data File : BF087693.D
 Acq On : 5 Jun 2016 7:11
 Operator : UM/SJ
 Sample : H3344-05
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-18

Quant Time: Jun 06 01:29:03 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

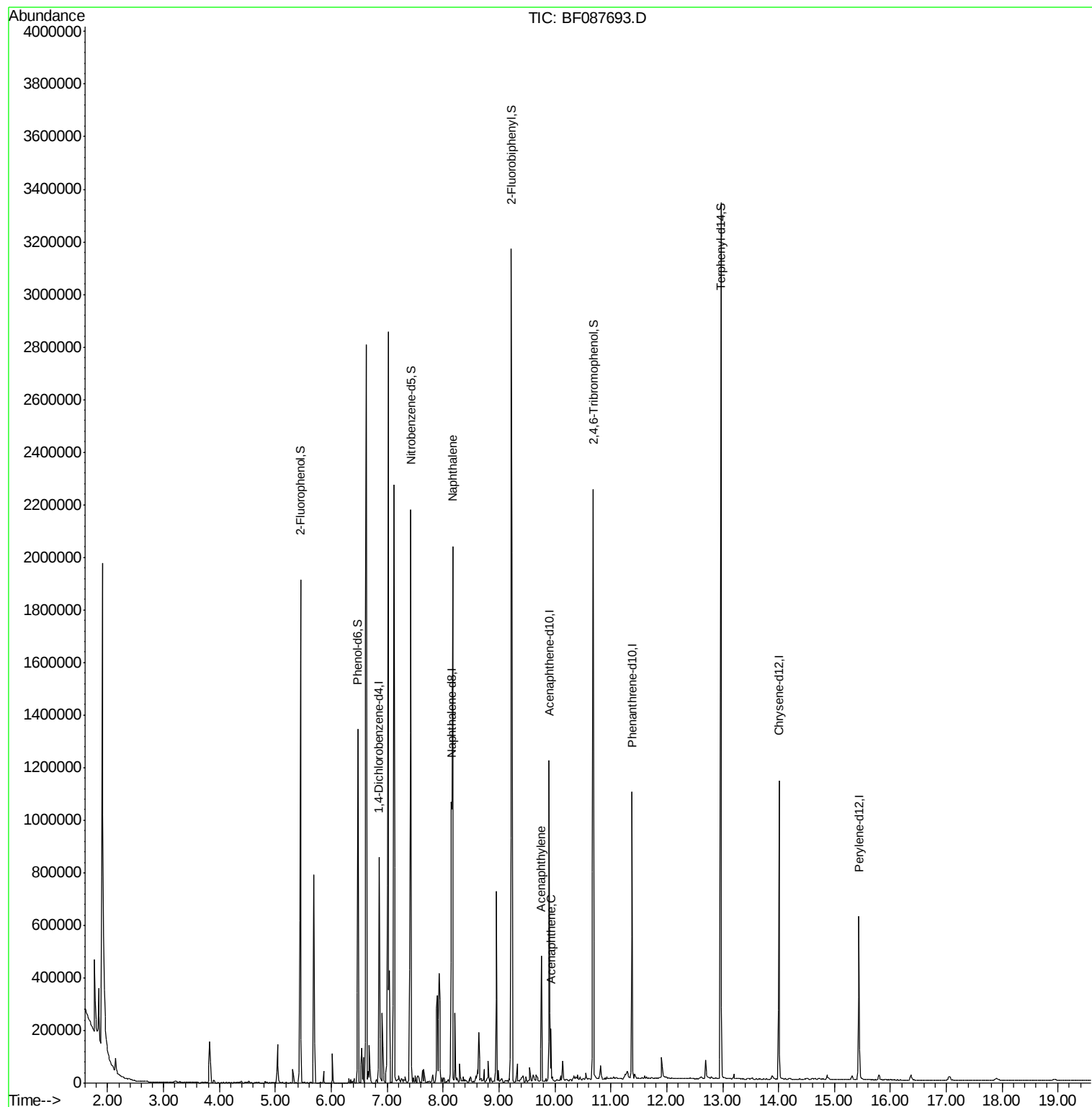
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	125713	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	521215	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	233487	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	454129	20.00	ng	0.00
75) Chrysene-d12	14.01	240	369239	20.00	ng	-0.01
86) Perylene-d12	15.44	264	276966	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	492277	63.29	ng	0.00
7) Phenol-d6	6.48	99	439638	45.07	ng	-0.01
23) Nitrobenzene-d5	7.43	82	889888	98.78	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	322970	137.80	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1495828	107.73	ng	-0.01
78) Terphenyl-d14	12.97	244	1125205	74.36	ng	0.00
Target Compounds						
31) Naphthalene	8.17	128	1076283	42.47	ng	99
48) Acenaphthylene	9.76	152	196478	8.35	ng	99
51) Acenaphthene	9.93	154	43125	2.85	ng	99

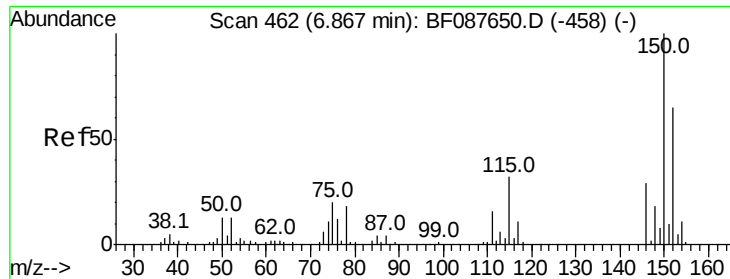
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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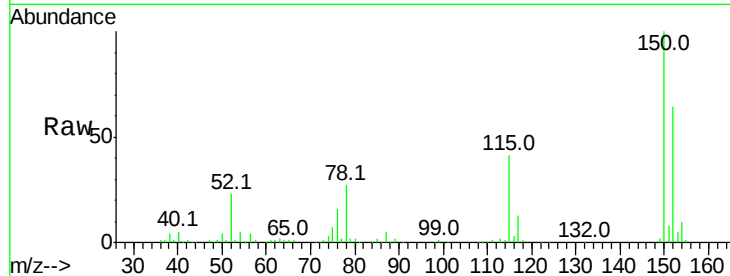


#1

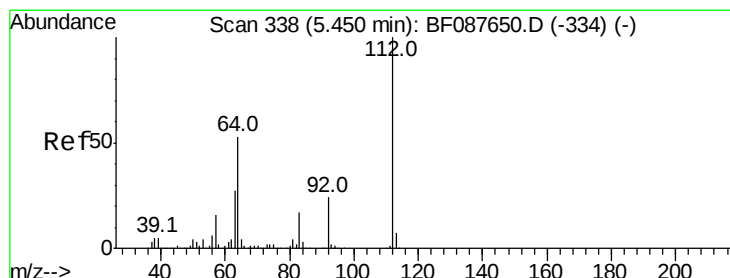
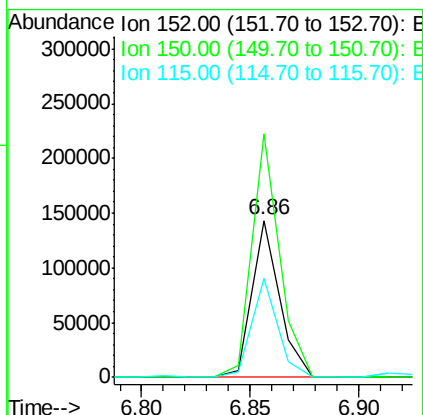
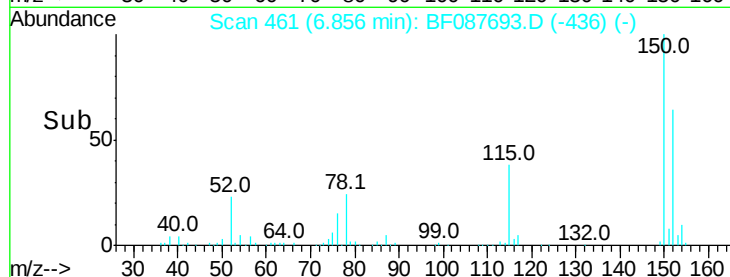
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF087693.D
 Acq: 5 Jun 2016 7:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-18

Tot Ion:152 Resp: 125713
 Ion Ratio Lower Upper
 152 100
 150 155.4 123.8 185.6
 115 63.3 39.6 59.4#



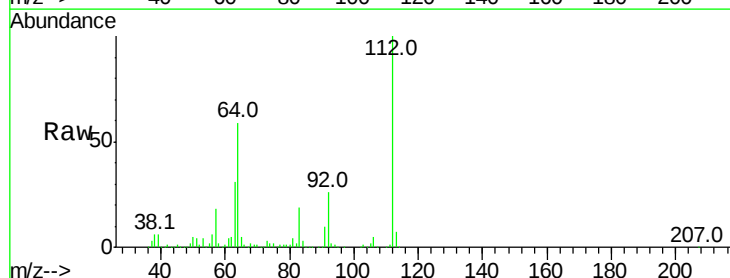
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



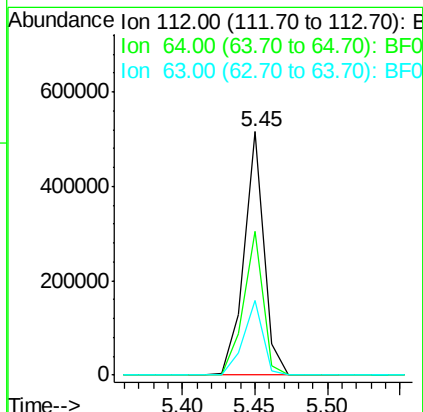
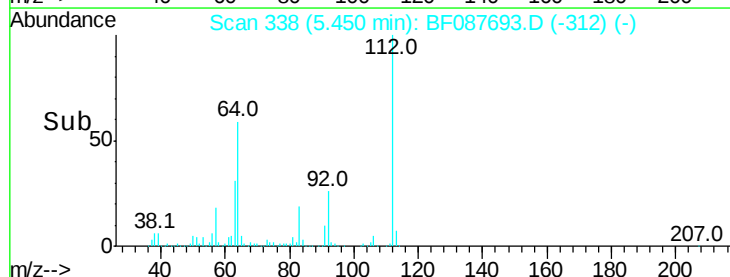
#5

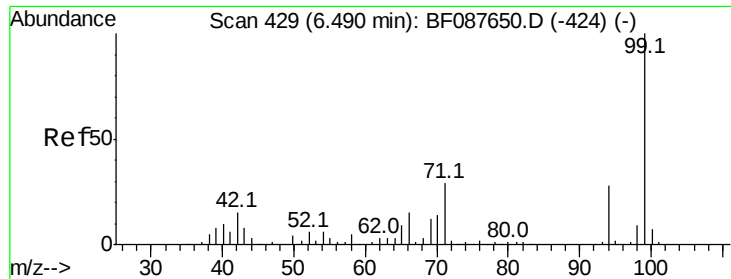
2-Fluorophenol
 Concen: 63.29 ng
 RT: 5.45 min Scan# 338
 Delta R.T. 0.00 min
 Lab File: BF087693.D
 Acq: 5 Jun 2016 7:11

Tgt Ion:112 Resp: 492277
 Ion Ratio Lower Upper
 112 100
 64 59.1 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: 45.07 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087693.D

Acq: 5 Jun 2016 7:11

Instrument :

BNA_F

ClientSampleId :

MW-18

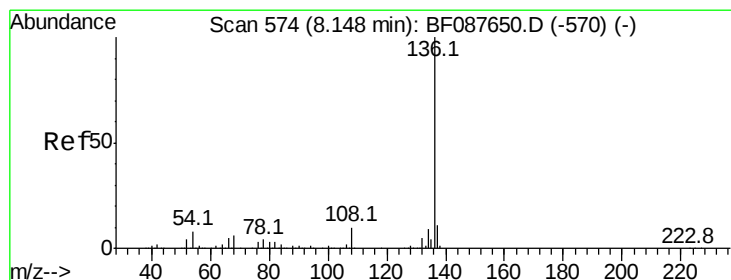
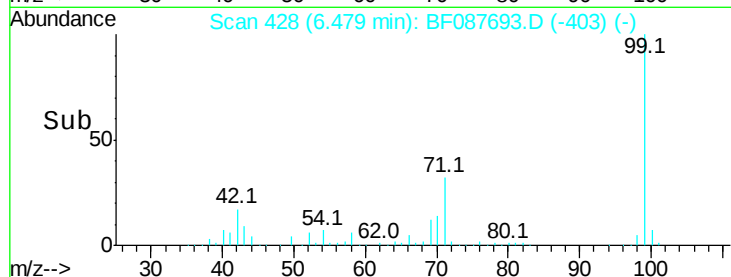
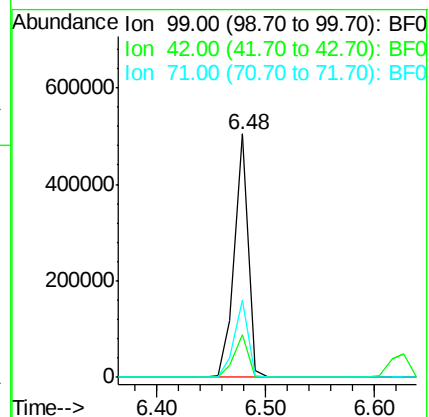
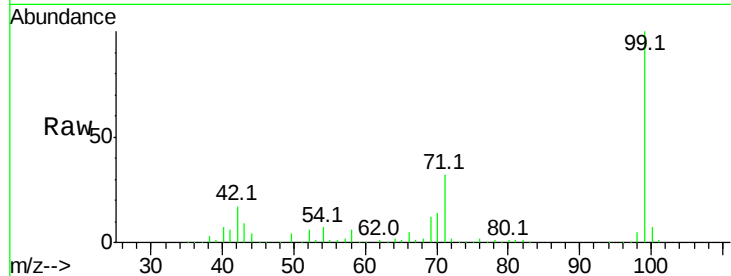
Tot Ion: 99 Resp: 439638

Ion Ratio Lower Upper

99 100

42 17.3 12.2 18.2

71 31.7 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF087693.D

Acq: 5 Jun 2016 7:11

Tgt Ion: 136 Resp: 521215

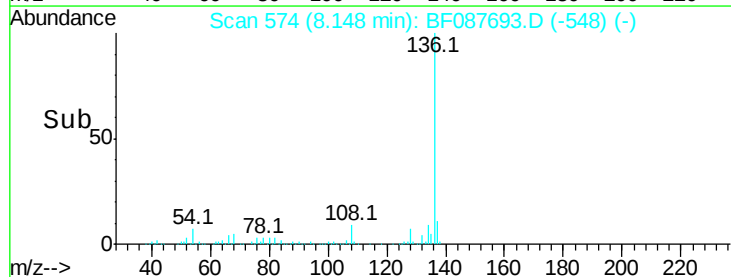
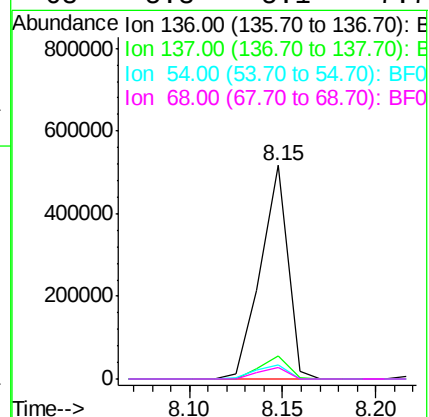
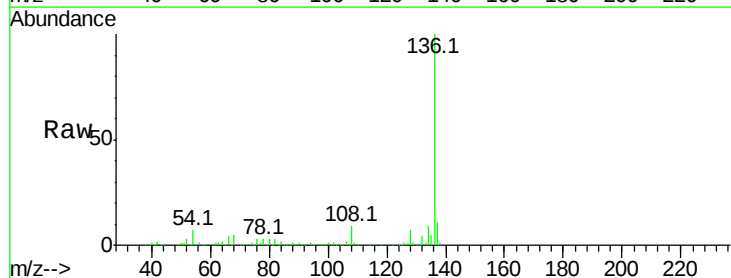
Ion Ratio Lower Upper

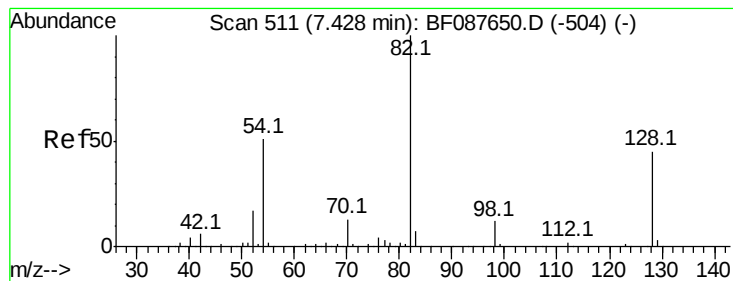
136 100

137 10.9 9.1 13.7

54 6.6 6.6 10.0#

68 5.3 5.1 7.7





#23

Nitrobenzene-d5

Concen: 98.78 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF087693.D

Acq: 5 Jun 2016 7:11

Instrument :

BNA_F

ClientSampled :

MW-18

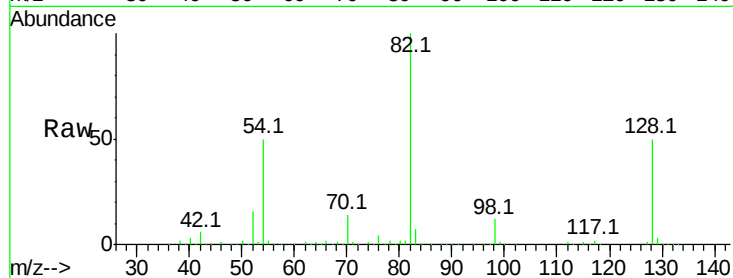
Tot Ion: 82 Resp: 889888

Ion Ratio Lower Upper

82 100

128 49.6 35.9 53.9

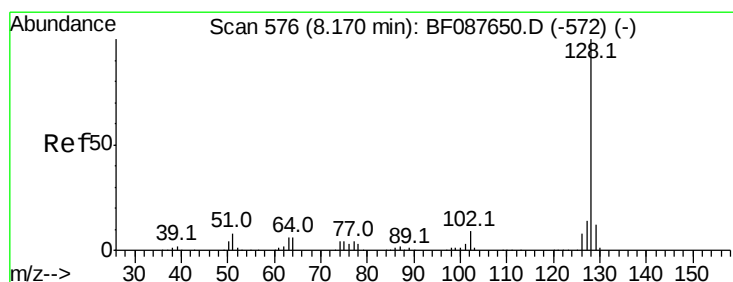
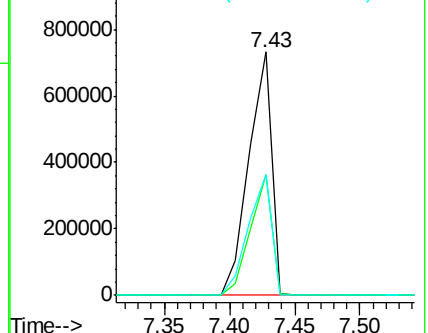
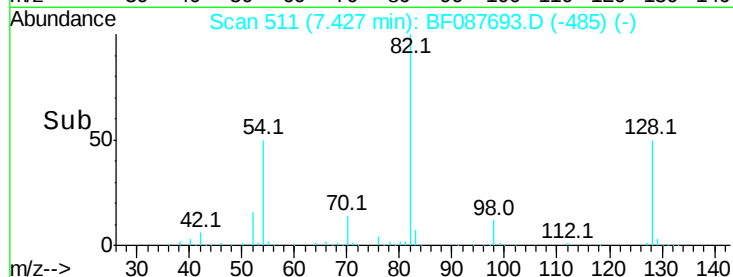
54 49.5 40.9 61.3



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: 42.47 ng

RT: 8.17 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF087693.D

Acq: 5 Jun 2016 7:11

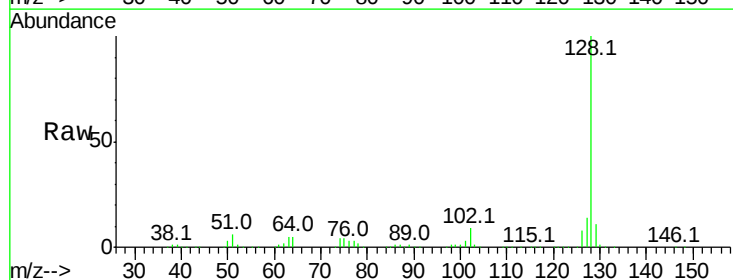
Tgt Ion:128 Resp: 1076283

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.2

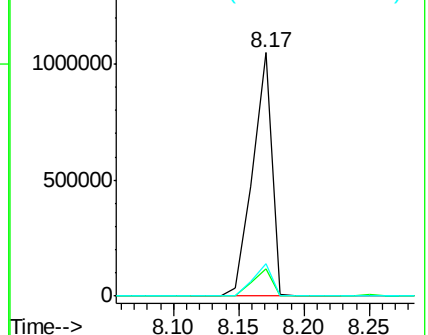
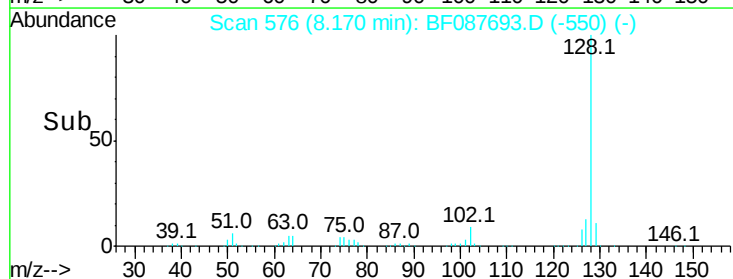
127 13.5 10.9 16.3

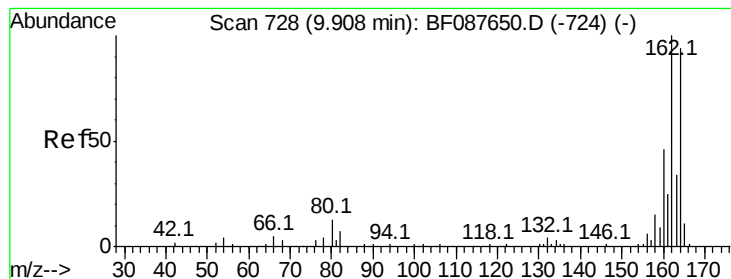


Abundance Ion 128.00 (127.70 to 128.70): E

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: BF087693.D

Acq: 5 Jun 2016 7:11

Instrument :

BNA_F

ClientSampleId :

MW-18

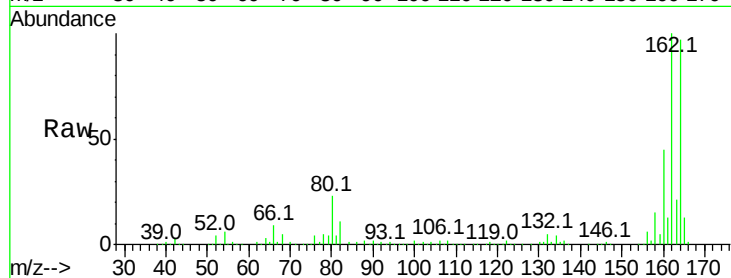
Tot Ion:164 Resp: 233487

Ion Ratio Lower Upper

164 100

162 103.1 85.4 128.2

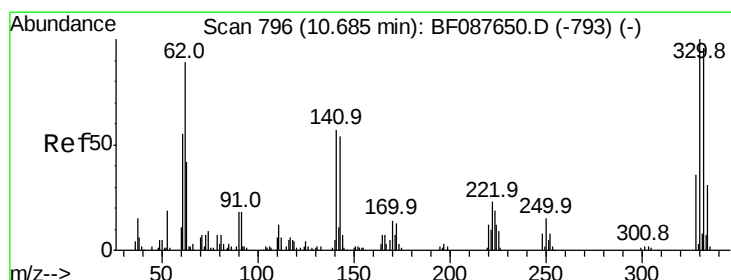
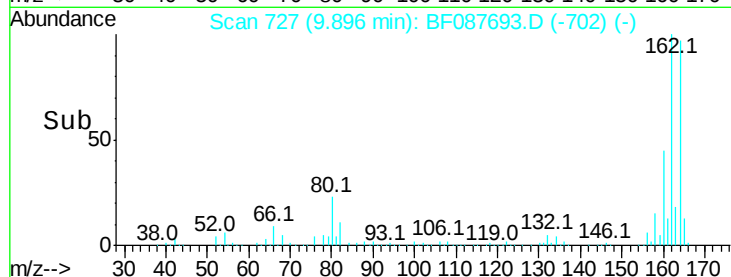
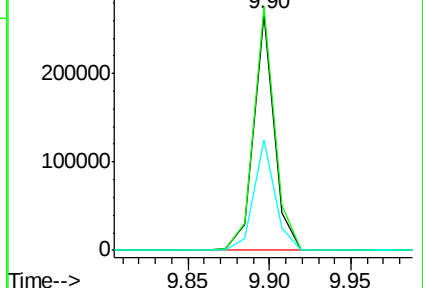
160 46.8 39.5 59.3



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: 137.80 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF087693.D

Acq: 5 Jun 2016 7:11

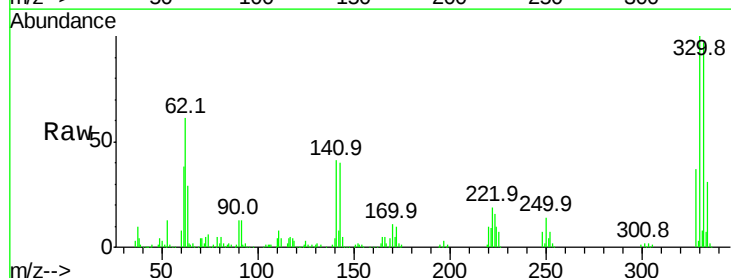
Tgt Ion:330 Resp: 322970

Ion Ratio Lower Upper

330 100

332 97.5 0.0 0.0#

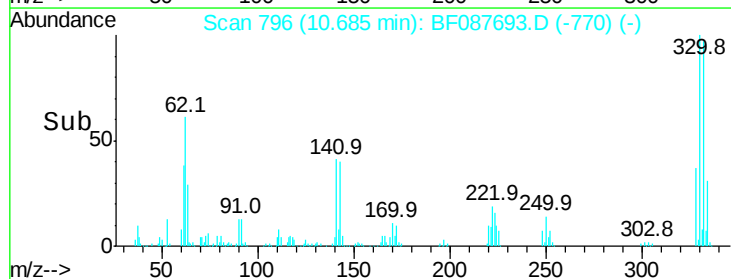
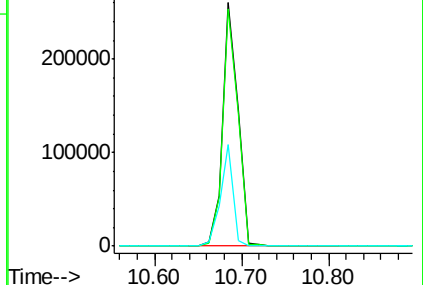
141 34.8 0.0 0.0#

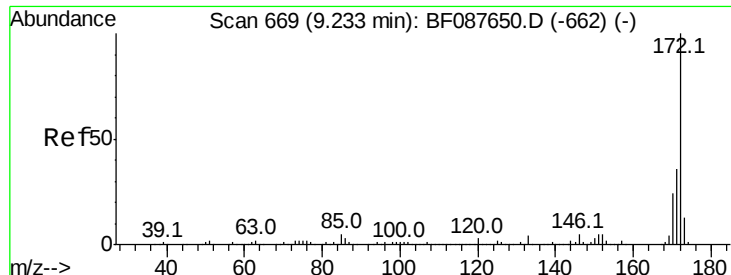


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

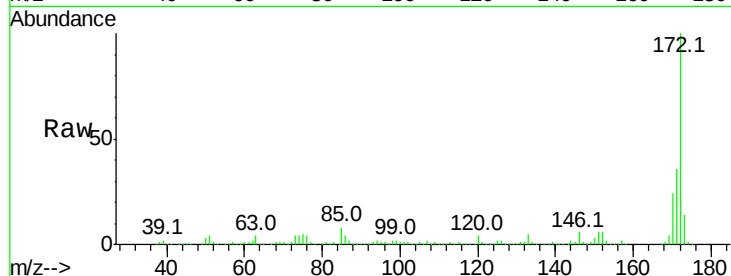




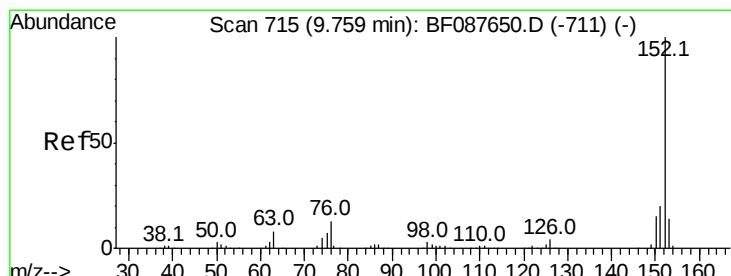
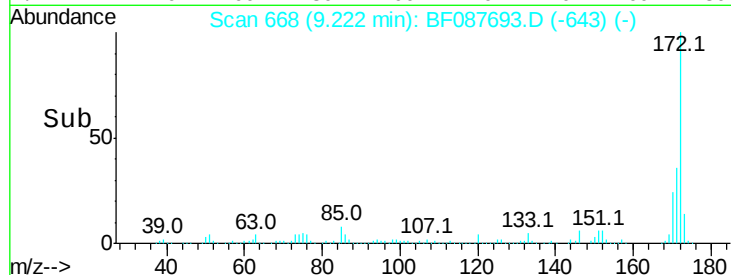
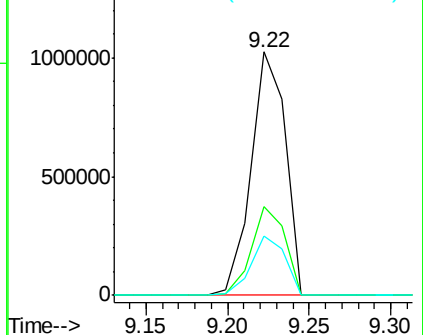
#44
2-Fluorobiphenyl
Concen: 107.73 ng
RT: 9.22 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF087693.D
Acq: 5 Jun 2016 7:11

Instrument :
BNA_F
ClientSampled :
MW-18

Tot Ion:172 Resp: 1495828
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 24.2 19.2 28.8

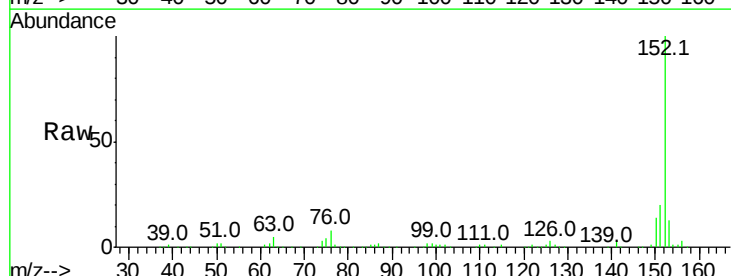


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

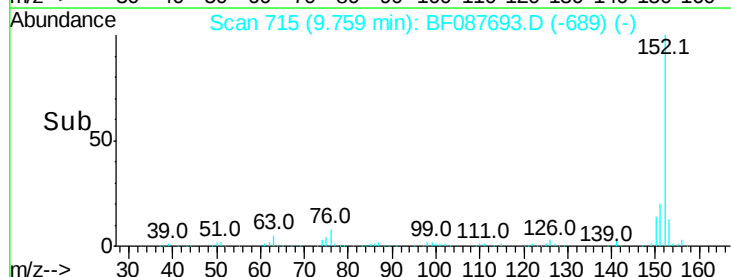
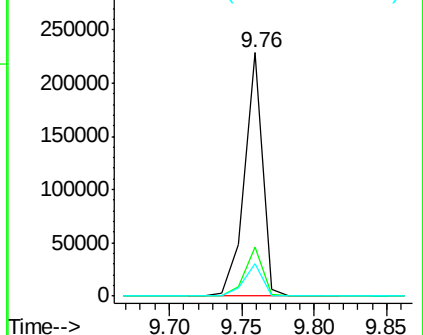


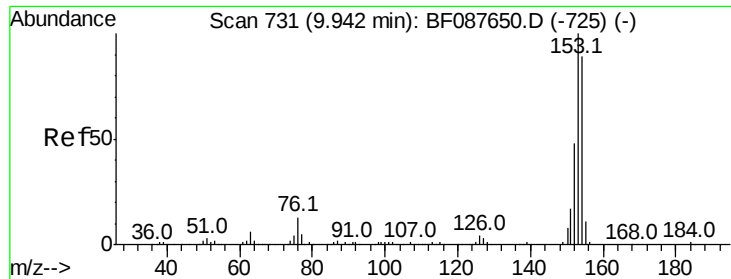
#48
Acenaphthylene
Concen: 8.35 ng
RT: 9.76 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF087693.D
Acq: 5 Jun 2016 7:11

Tgt Ion:152 Resp: 196478
Ion Ratio Lower Upper
152 100
151 19.9 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





#51

Acenaphthene

Concen: 2.85 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF087693.D

Acq: 5 Jun 2016 7:11

Instrument :

BNA_F

ClientSampleId :

MW-18

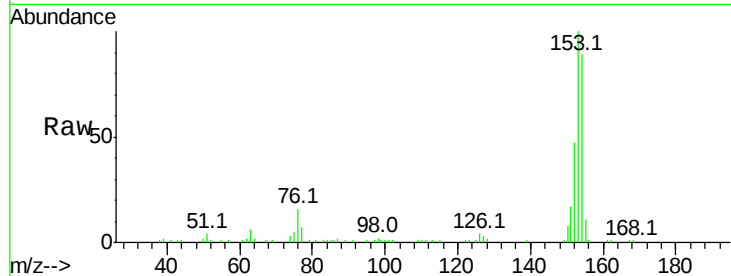
Tot Ion:154 Resp: 43125

Ion Ratio Lower Upper

154 100

153 112.8 89.5 134.3

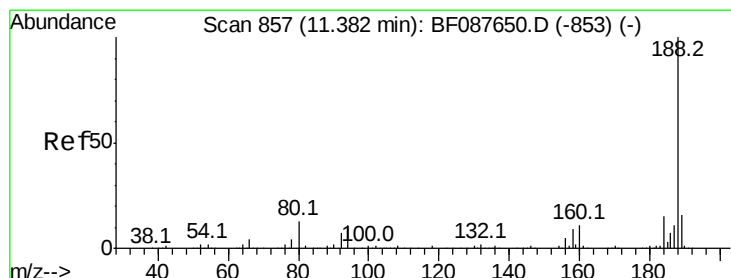
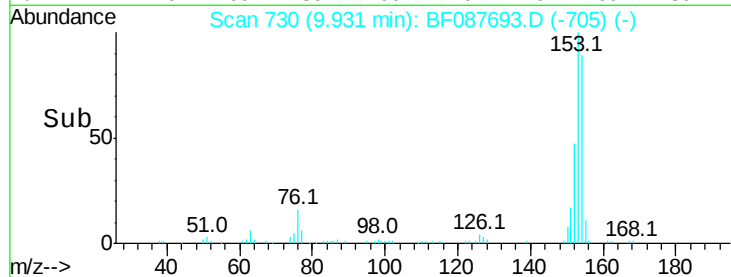
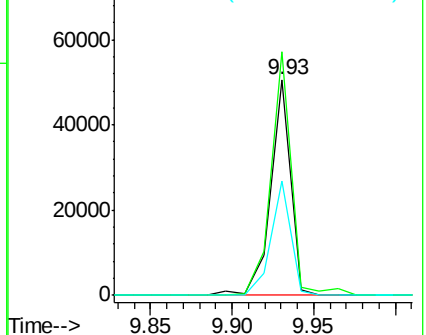
152 53.0 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF087693.D

Acq: 5 Jun 2016 7:11

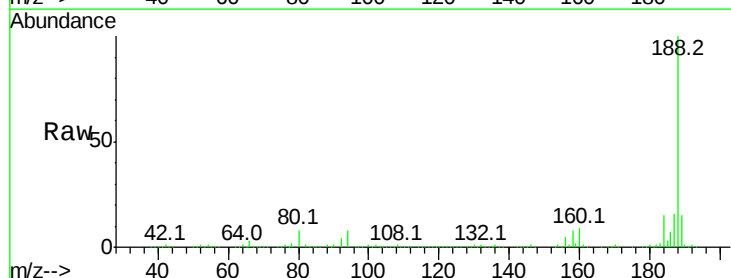
Tgt Ion:188 Resp: 454129

Ion Ratio Lower Upper

188 100

94 7.5 9.0 13.6#

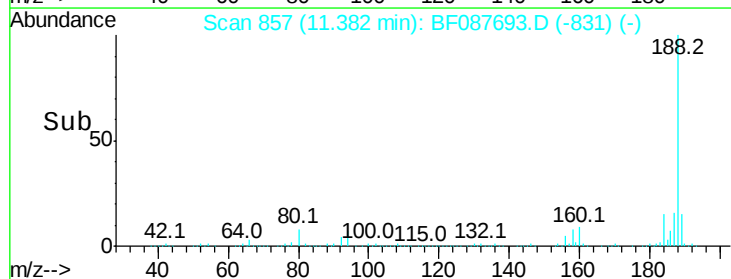
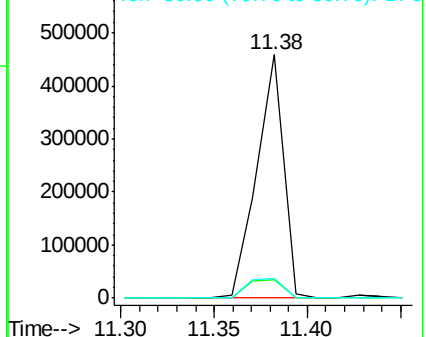
80 7.8 10.0 15.0#

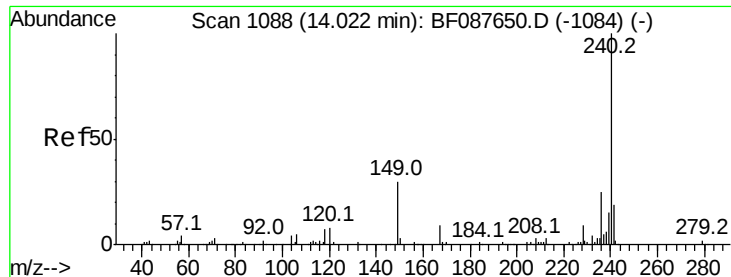


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF087693.D

Acq: 5 Jun 2016 7:11

Instrument :

BNA_F

ClientSampled :

MW-18

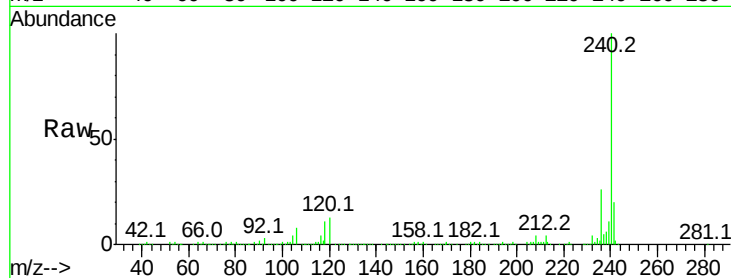
Tot Ion:240 Resp: 369239

Ion Ratio Lower Upper

240 100

120 12.8 6.8 10.2#

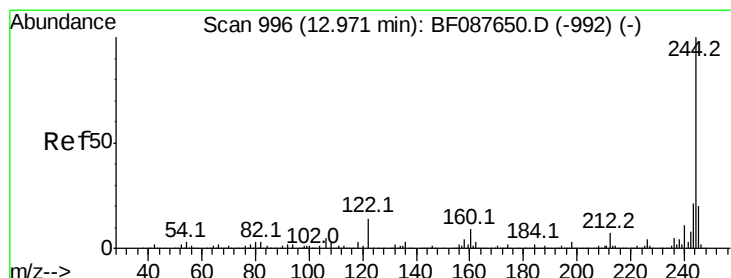
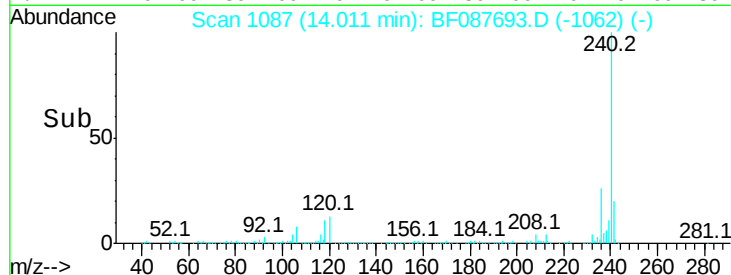
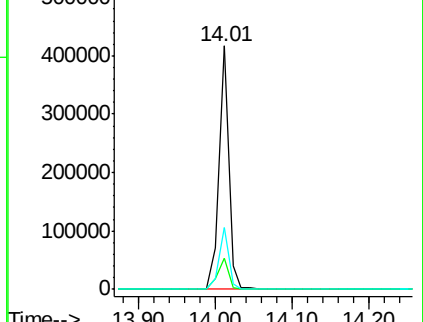
236 25.6 20.2 30.2



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: 74.36 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF087693.D

Acq: 5 Jun 2016 7:11

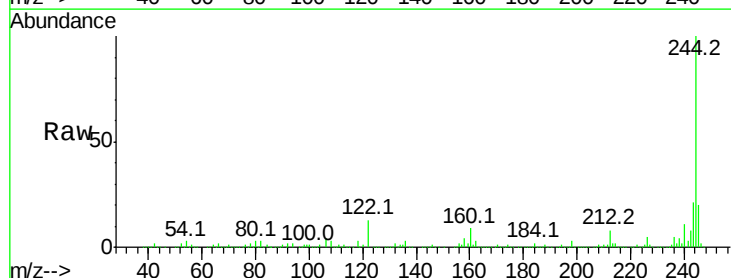
Tgt Ion:244 Resp: 1125205

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

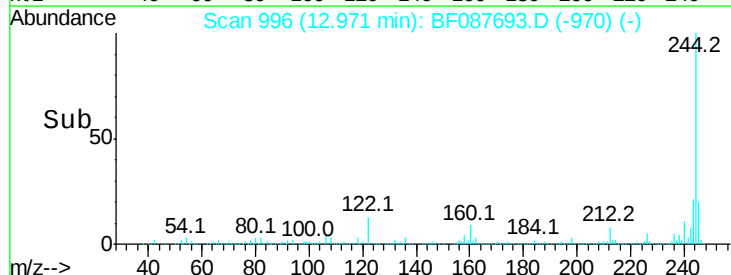
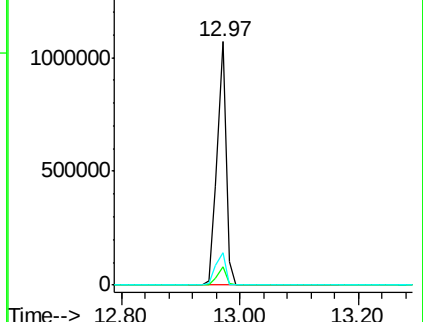
122 13.4 11.2 16.8

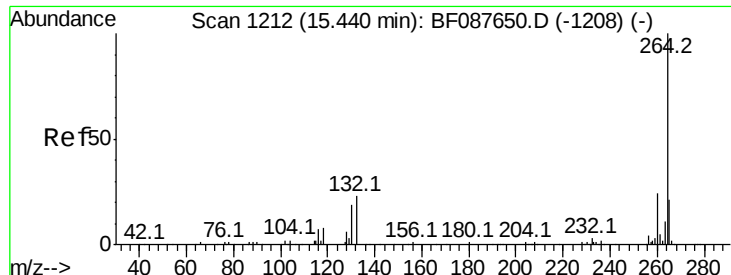


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF087693.D
Acq: 5 Jun 2016 7:11

Instrument :
BNA_F
ClientSampleId :
MW-18

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.3	16.9	25.3

