

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
 Data File : BF087707.D
 Acq On : 5 Jun 2016 14:49
 Operator : UM/SJ
 Sample : H3378-06
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-2

Quant Time: Jun 06 03:55:10 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

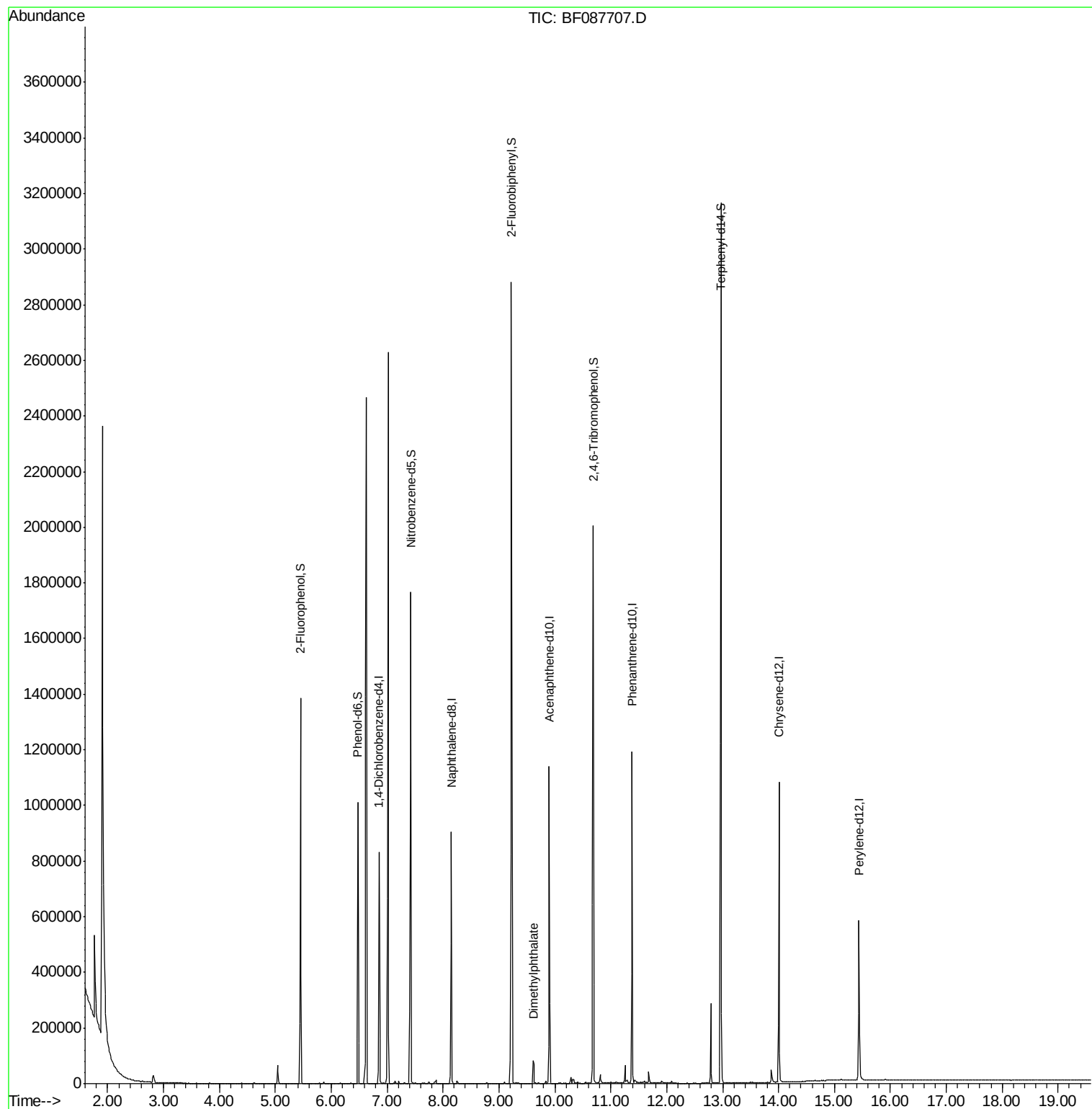
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	119277	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	509709	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	227309	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	443785	20.00	ng	0.00
75) Chrysene-d12	14.01	240	347087	20.00	ng	-0.01
86) Perylene-d12	15.44	264	259530	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	411992	55.83	ng	0.00
7) Phenol-d6	6.48	99	334391	36.13	ng	-0.01
23) Nitrobenzene-d5	7.43	82	754856	85.68	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	264392	115.87	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1244017	83.53	ng	-0.01
78) Terphenyl-d14	12.97	244	1032339	72.58	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	53195	3.22	ng	Qvalue 97

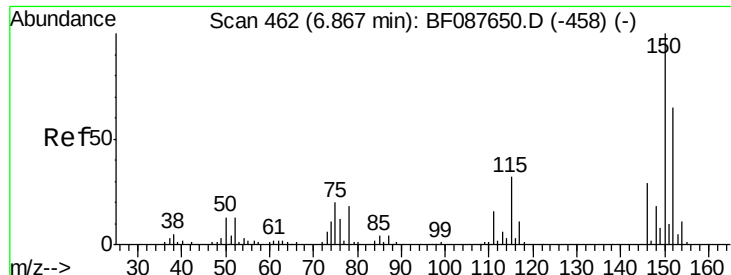
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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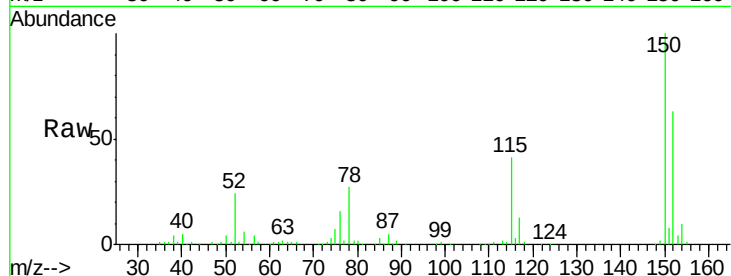


#1

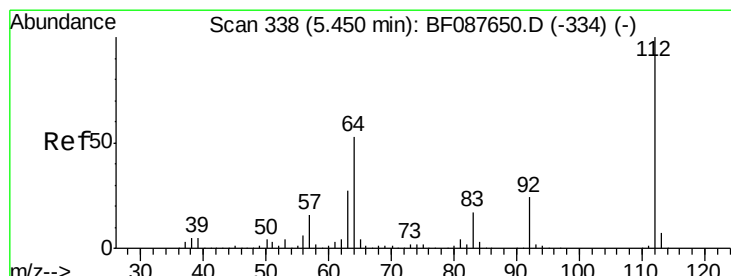
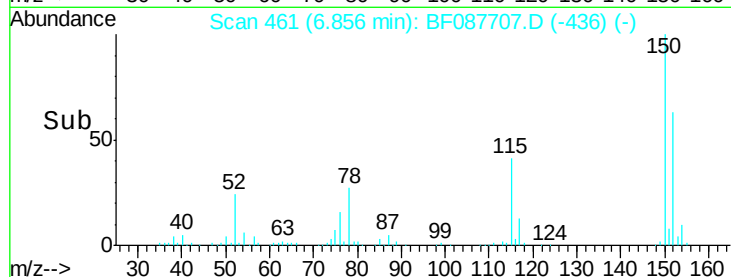
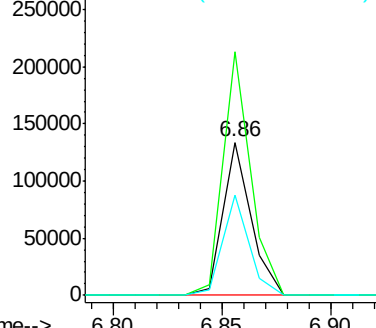
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF087707.D
Acq: 5 Jun 2016 14:49

Instrument :
BNA_F
ClientSampleId :
GW-2

Tot Ion:152 Resp: 119277
Ion Ratio Lower Upper
152 100
150 159.3 123.8 185.6
115 65.6 39.6 59.4#



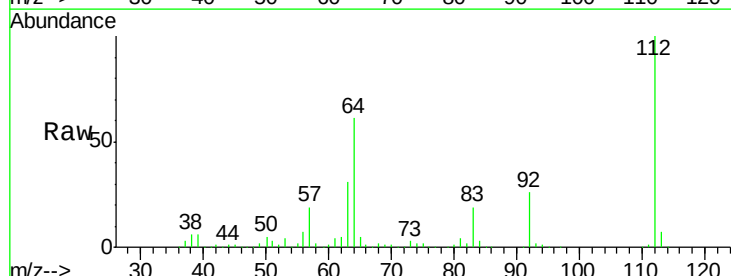
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



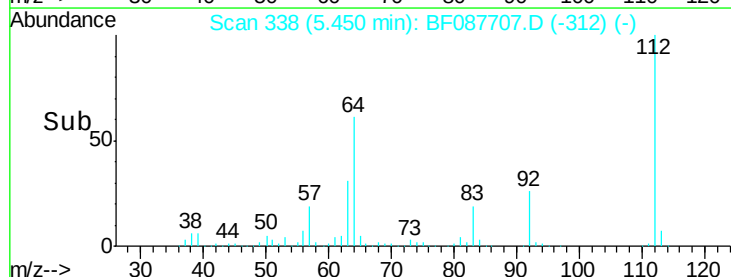
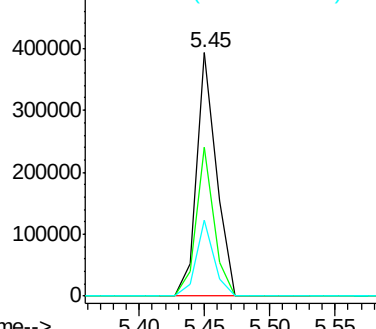
#5

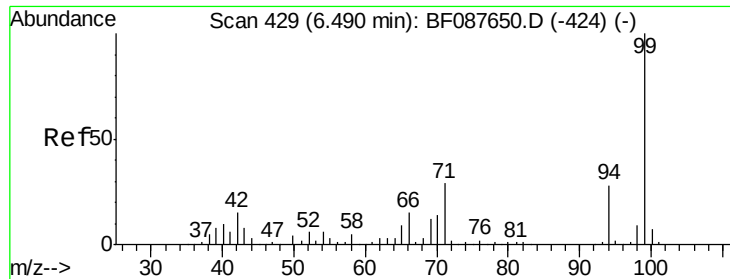
2-Fluorophenol
Concen: 55.83 ng
RT: 5.45 min Scan# 338
Delta R.T. -0.00 min
Lab File: BF087707.D
Acq: 5 Jun 2016 14:49

Tgt Ion:112 Resp: 411992
Ion Ratio Lower Upper
112 100
64 61.2 42.2 63.2
63 31.4 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: 36.13 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087707.D

Acq: 5 Jun 2016 14:49

Instrument :

BNA_F

ClientSampled :

GW-2

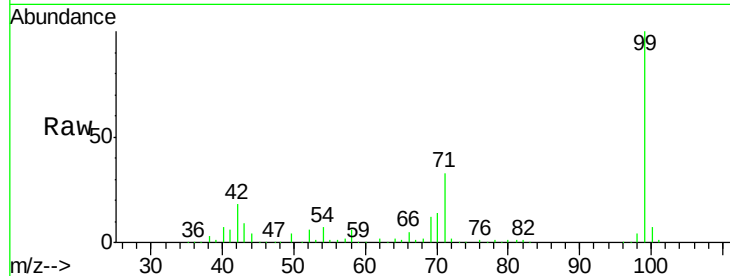
Tot Ion: 99 Resp: 334391

Ion Ratio Lower Upper

99 100

42 18.2 12.2 18.2

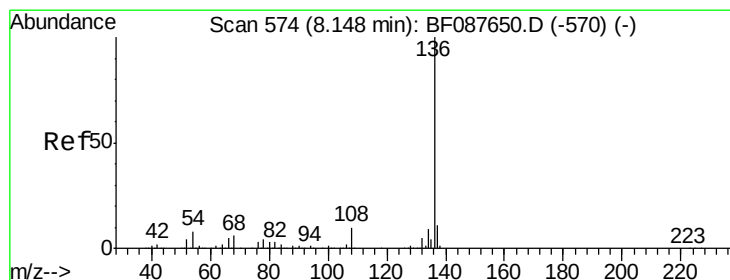
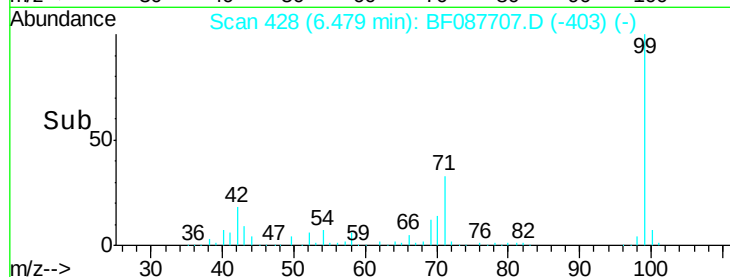
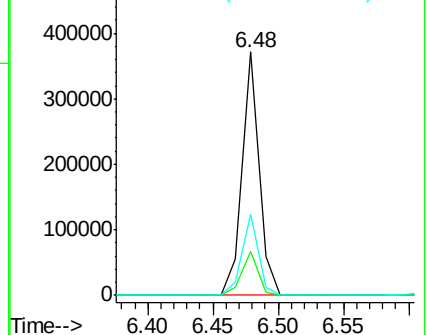
71 33.0 23.4 35.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF087707.D

Acq: 5 Jun 2016 14:49

Tgt Ion: 136 Resp: 509709

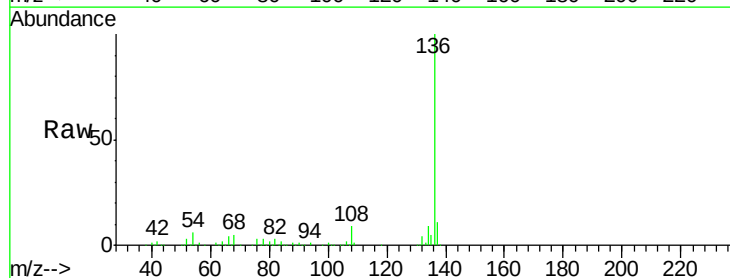
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 5.9 6.6 10.0#

68 4.9 5.1 7.7#

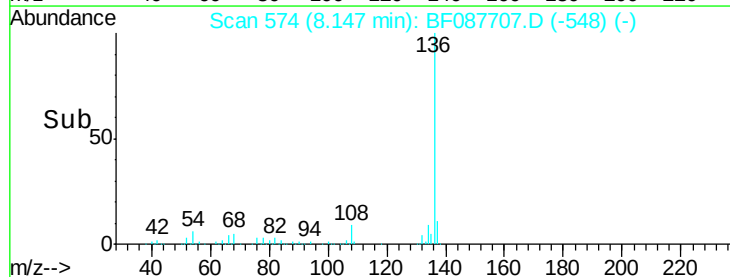
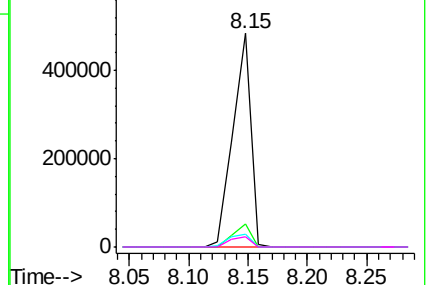


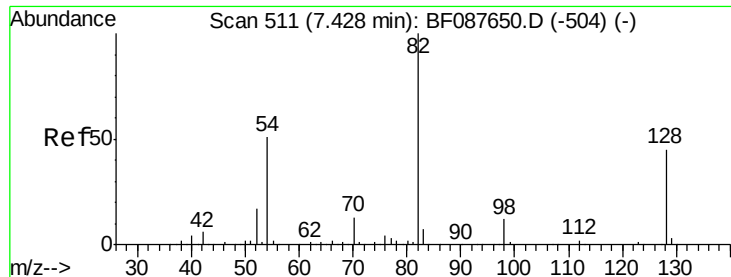
Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.68 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF087707.D

Acq: 5 Jun 2016 14:49

Instrument :

BNA_F

ClientSampled :

GW-2

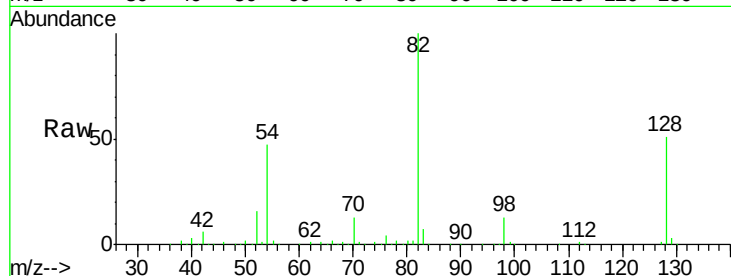
Tot Ion: 82 Resp: 754856

Ion Ratio Lower Upper

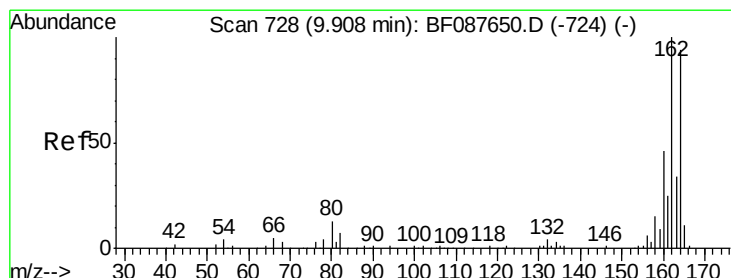
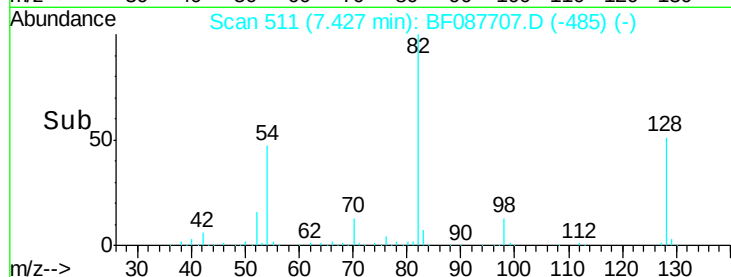
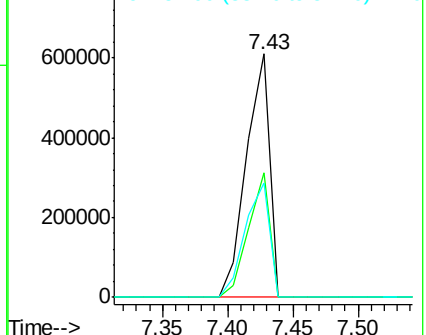
82 100

128 51.3 35.9 53.9

54 46.8 40.9 61.3



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF087707.D

Acq: 5 Jun 2016 14:49

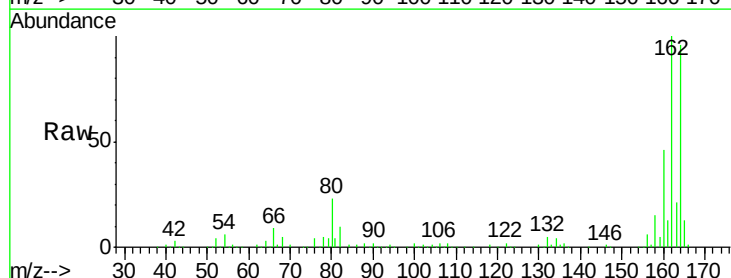
Tgt Ion:164 Resp: 227309

Ion Ratio Lower Upper

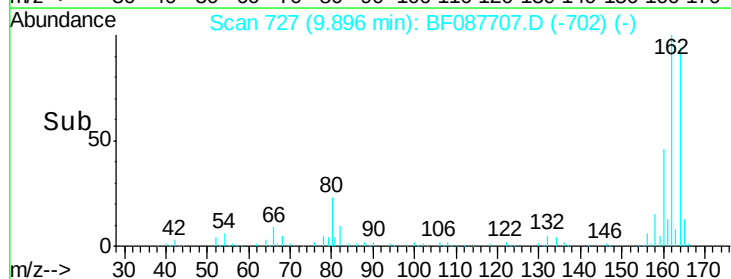
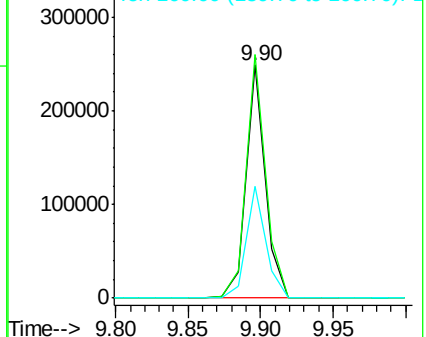
164 100

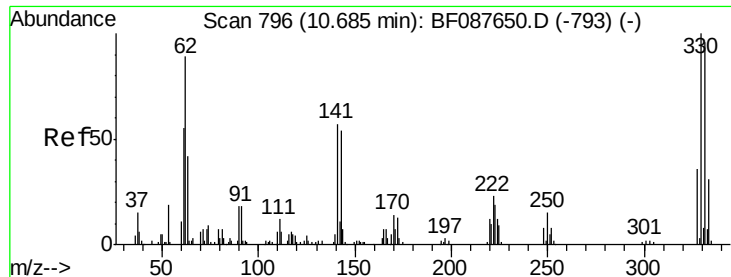
162 104.5 85.4 128.2

160 47.8 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

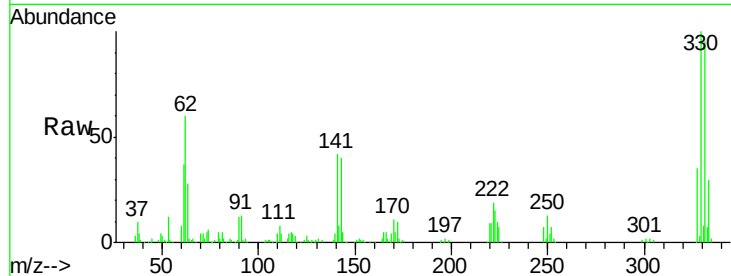




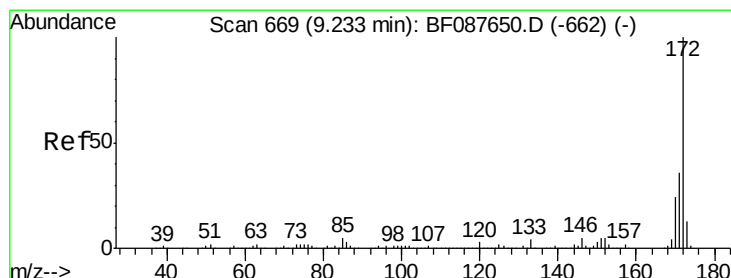
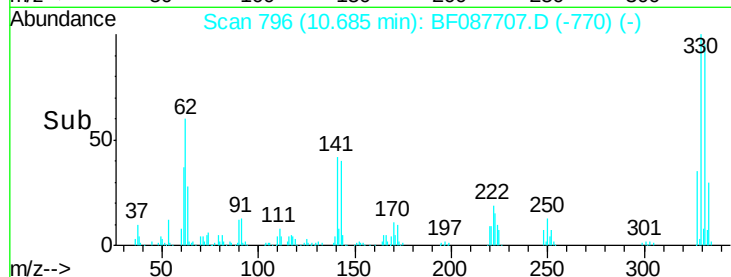
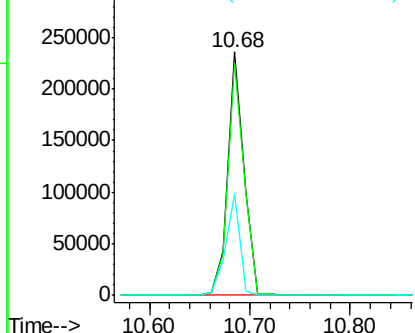
#41
 2,4,6-Tribromophenol
 Concen: 115.87 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF087707.D
 Acq: 5 Jun 2016 14:49

Instrument :
 BNA_F
 ClientSampleId :
 GW-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	36.5	0.0	0.0#

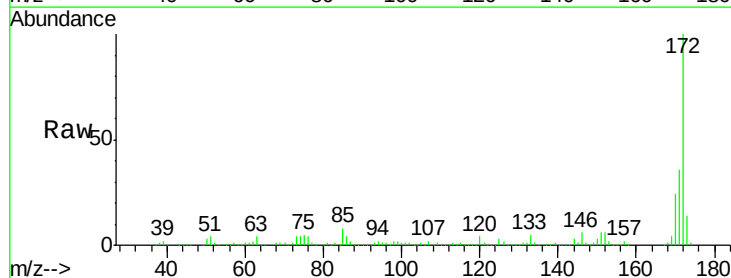


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

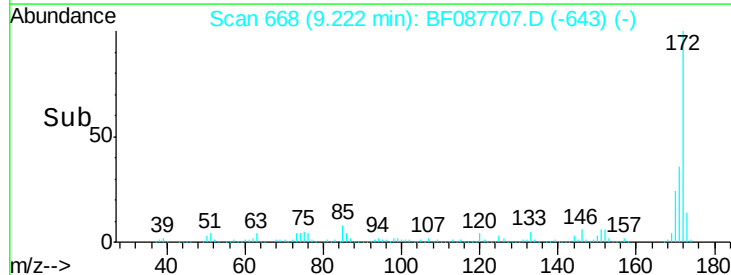
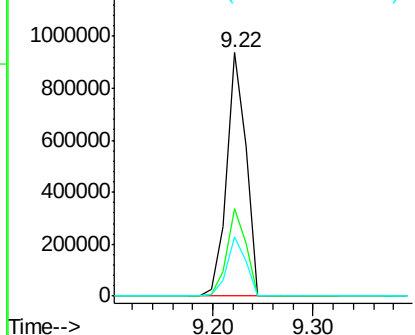


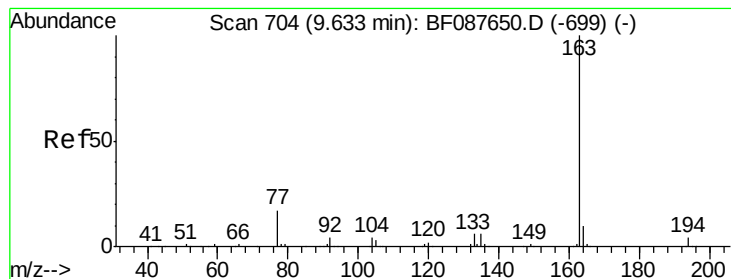
#44
 2-Fluorobiphenyl
 Concen: 83.53 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087707.D
 Acq: 5 Jun 2016 14:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.3	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





#49

Dimethylphthalate

Concen: 3.22 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF087707.D

Acq: 5 Jun 2016 14:49

Instrument :

BNA_F

ClientSampleId :

GW-2

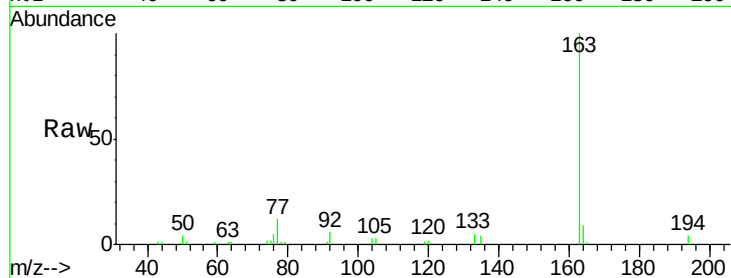
Tot Ion:163 Resp: 53195

Ion Ratio Lower Upper

163 100

194 4.1 2.8 4.2

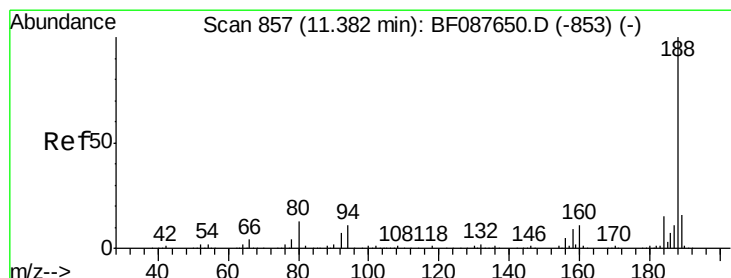
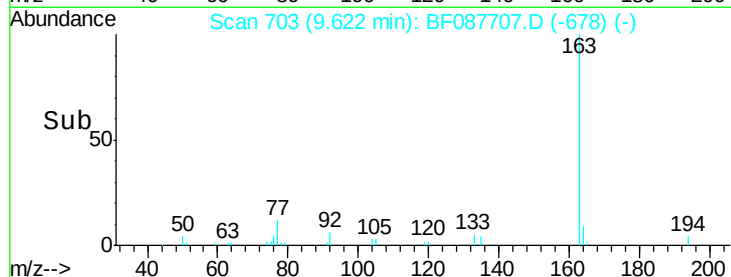
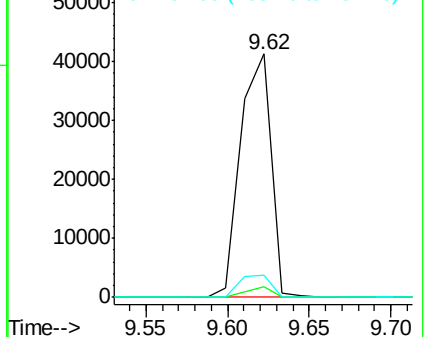
164 9.3 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF087707.D

Acq: 5 Jun 2016 14:49

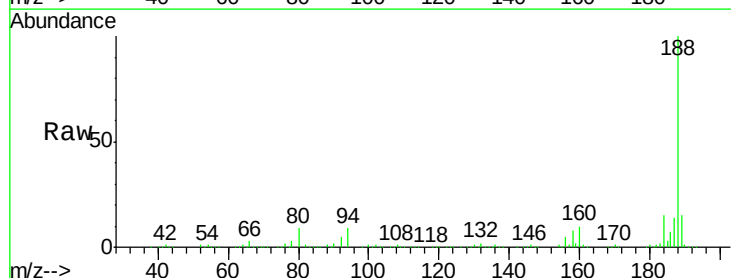
Tgt Ion:188 Resp: 443785

Ion Ratio Lower Upper

188 100

94 8.6 9.0 13.6#

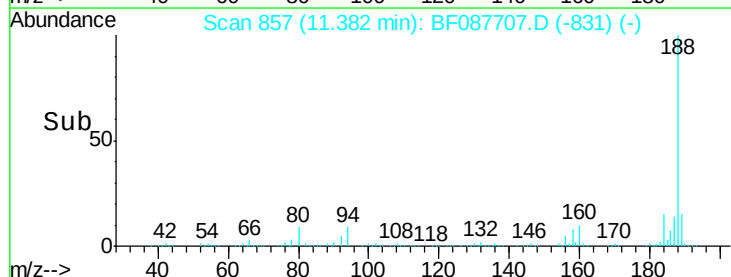
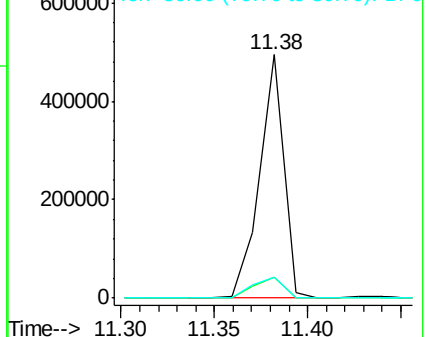
80 8.8 10.0 15.0#

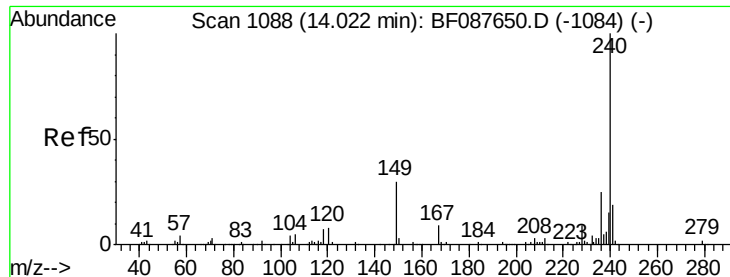


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF087707.D

Acq: 5 Jun 2016 14:49

Instrument :

BNA_F

ClientSampled :

GW-2

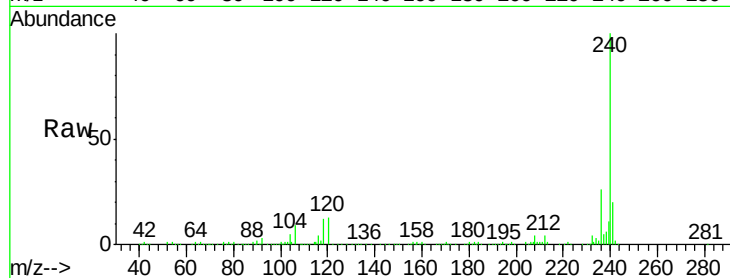
Tot Ion:240 Resp: 347087

Ion Ratio Lower Upper

240 100

120 13.5 6.8 10.2#

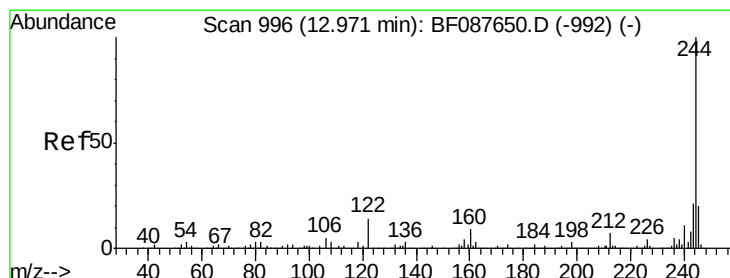
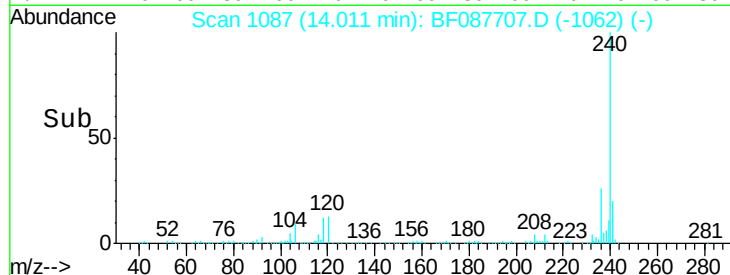
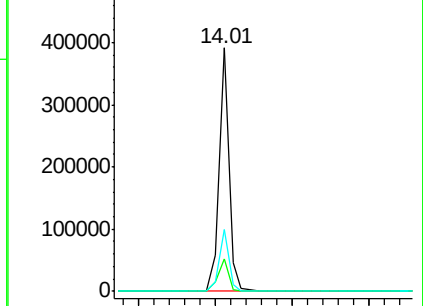
236 25.7 20.2 30.2



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: 72.58 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF087707.D

Acq: 5 Jun 2016 14:49

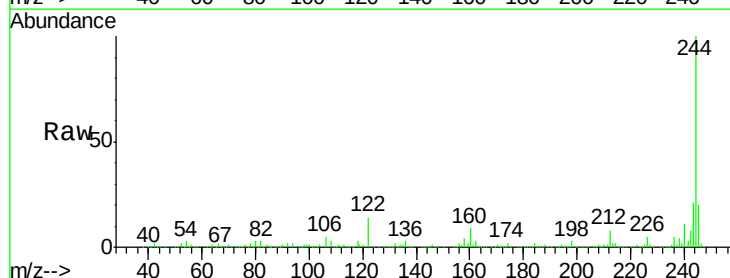
Tgt Ion:244 Resp: 1032339

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

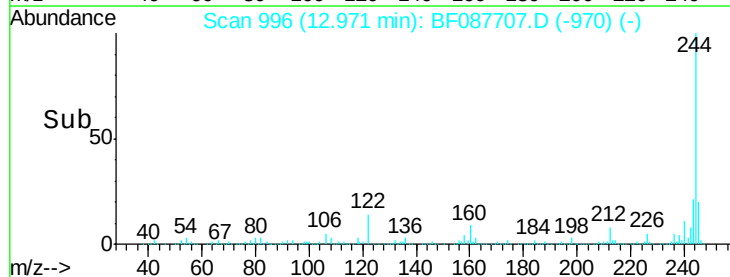
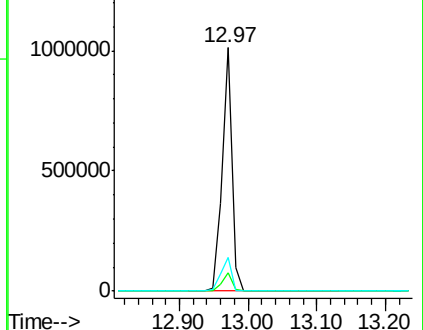
122 13.6 11.2 16.8

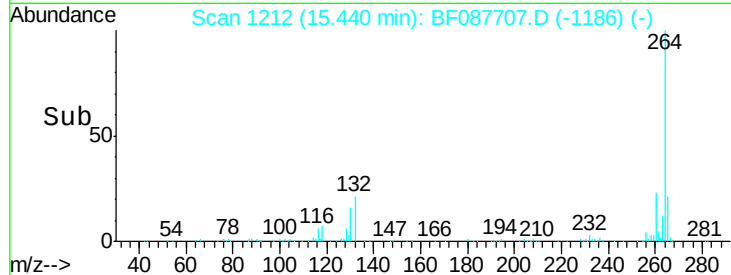
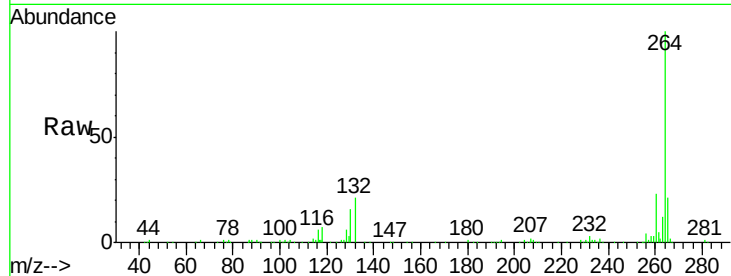
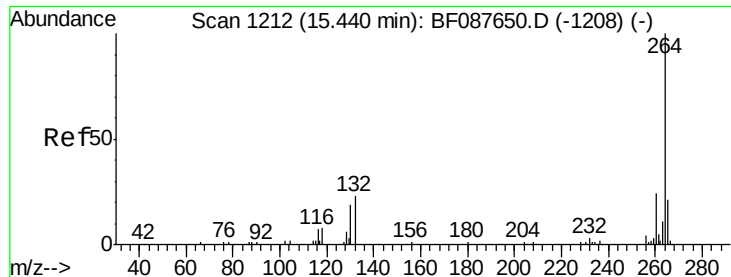


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF087707.D
Acq: 5 Jun 2016 14:49

Instrument :
BNA_F
ClientSampleId :
GW-2

Tot Ion:	264	Resp:	259530
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.4	16.9	25.3

