

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
 Data File : BF087706.D
 Acq On : 5 Jun 2016 14:19
 Operator : UM/SJ
 Sample : H3346-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-201605B

Quant Time: Jun 06 03:52:37 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

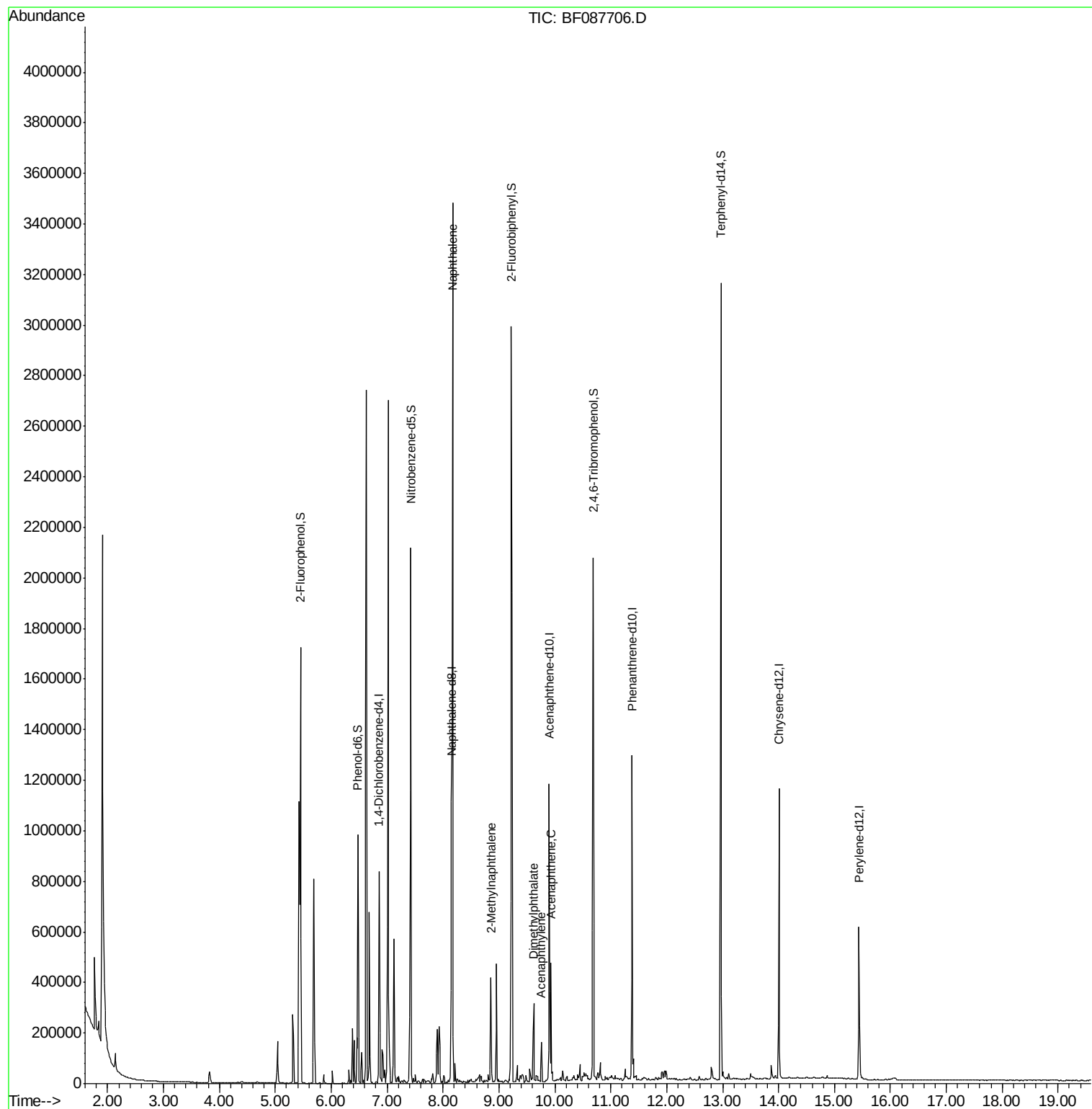
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	125239	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	512917	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	236473	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	458105	20.00	ng	0.00
75) Chrysene-d12	14.01	240	356383	20.00	ng	-0.01
86) Perylene-d12	15.44	264	262142	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	425200	54.88	ng	0.00
7) Phenol-d6	6.48	99	322059	33.14	ng	-0.01
23) Nitrobenzene-d5	7.43	82	824729	93.03	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	304189	128.15	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1369303	90.95	ng	-0.01
78) Terphenyl-d14	12.97	244	1029103	70.46	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.17	128	1664490	66.74	ng	99
37) 2-Methylnaphthalene	8.86	142	102333	6.21	ng	97
48) Acenaphthylene	9.76	152	52559	2.21	ng	99
49) Dimethylphthalate	9.62	163	167669	9.75	ng	98
51) Acenaphthene	9.93	154	93213	6.08	ng	99

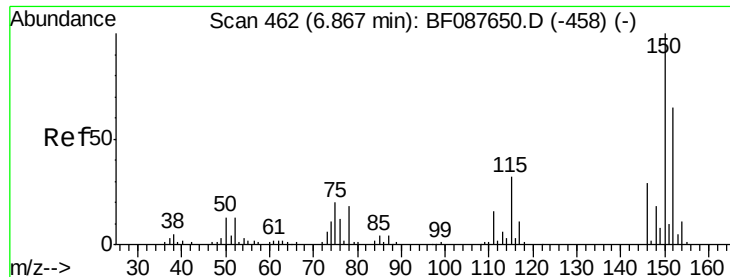
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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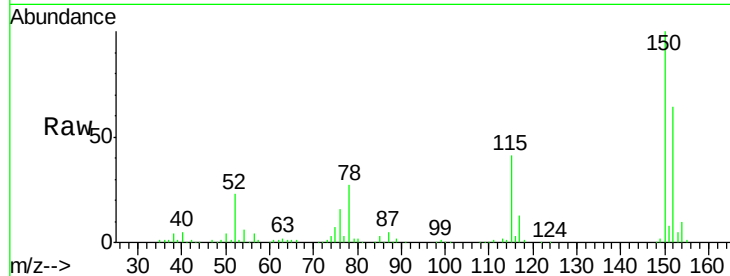


#1

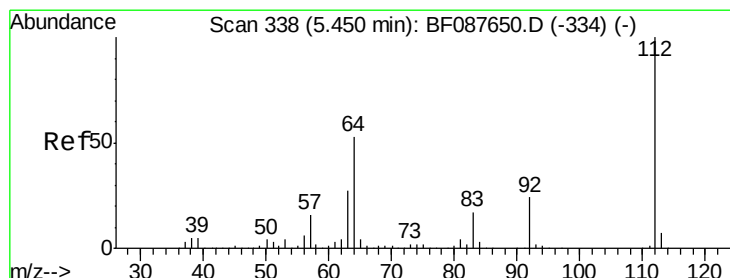
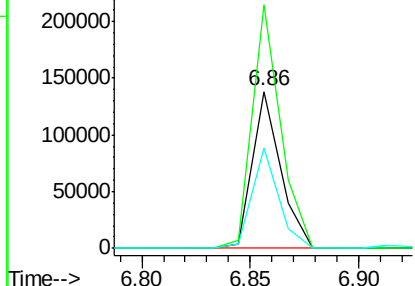
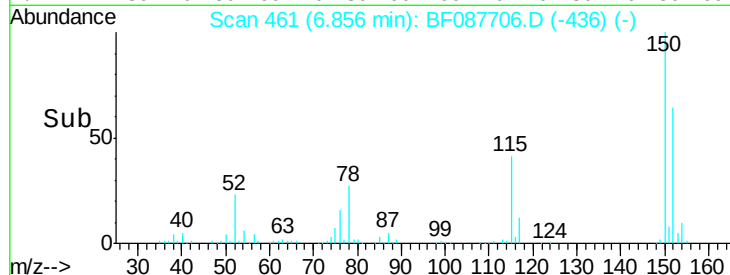
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF087706.D
Acq: 5 Jun 2016 14:19

Instrument :
BNA_F
ClientSampleId :
WC-201605B

Tot Ion:152 Resp: 125239
Ion Ratio Lower Upper
152 100
150 155.4 123.8 185.6
115 64.4 39.6 59.4#



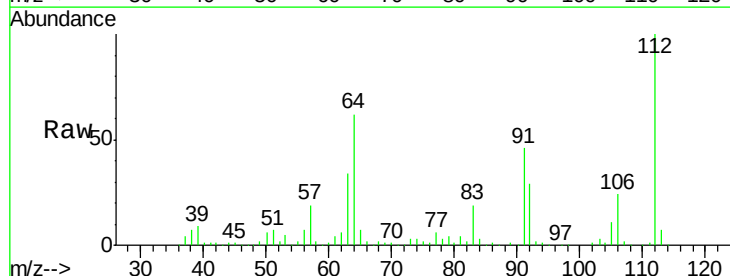
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



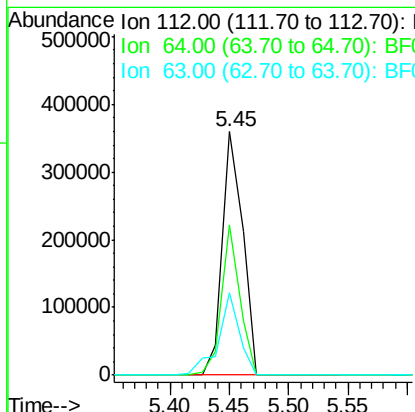
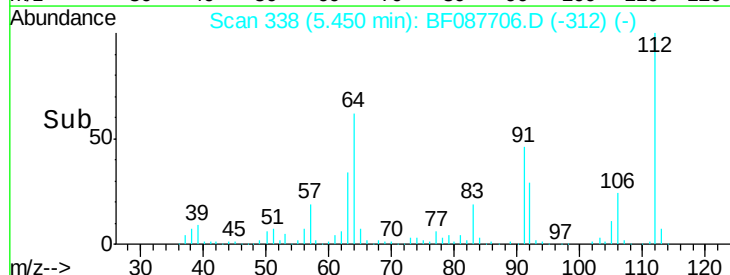
#5

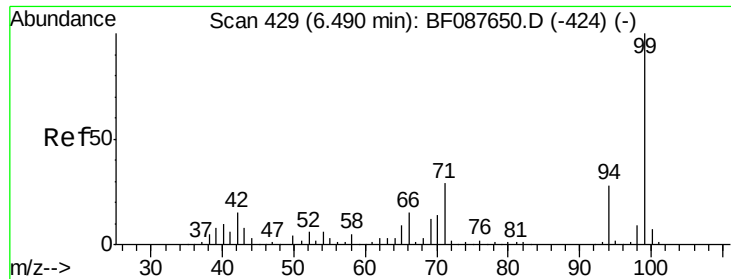
2-Fluorophenol
Concen: 54.88 ng
RT: 5.45 min Scan# 338
Delta R.T. 0.00 min
Lab File: BF087706.D
Acq: 5 Jun 2016 14:19

Tgt Ion:112 Resp: 425200
Ion Ratio Lower Upper
112 100
64 61.8 42.2 63.2
63 33.6 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: 33.14 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087706.D

Acq: 5 Jun 2016 14:19

Instrument :

BNA_F

ClientSampleId :

WC-201605B

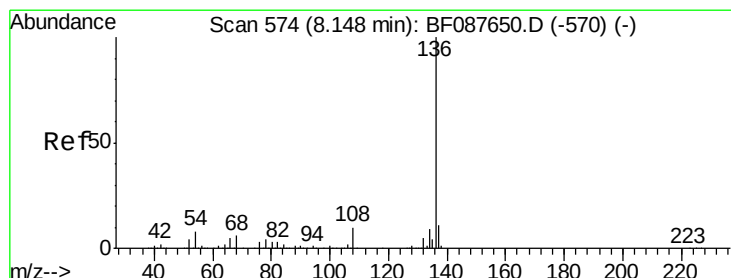
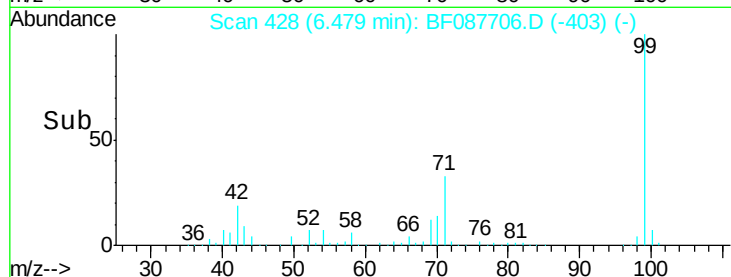
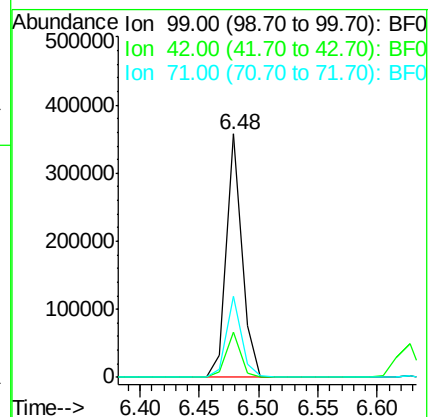
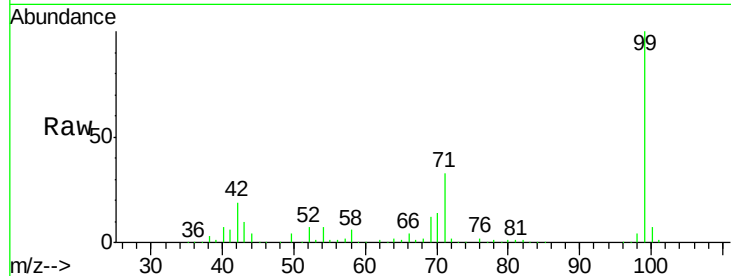
Tot Ion: 99 Resp: 322059

Ion Ratio Lower Upper

99 100

42 18.8 12.2 18.2#

71 33.5 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: BF087706.D

Acq: 5 Jun 2016 14:19

Tgt Ion: 136 Resp: 512917

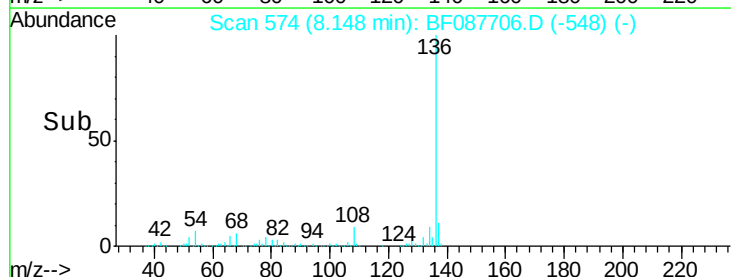
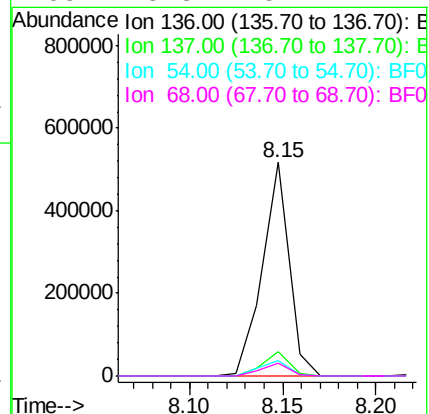
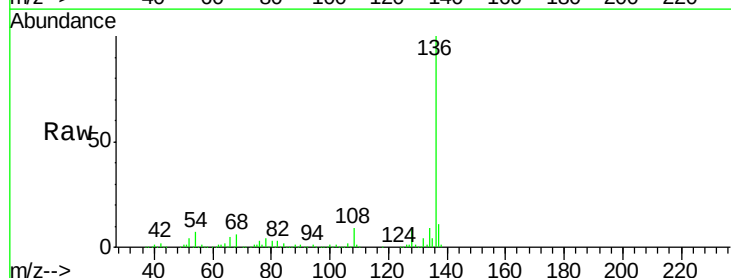
Ion Ratio Lower Upper

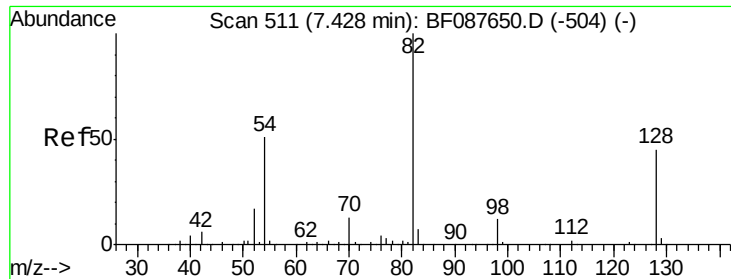
136 100

137 11.1 9.1 13.7

54 7.2 6.6 10.0

68 5.8 5.1 7.7

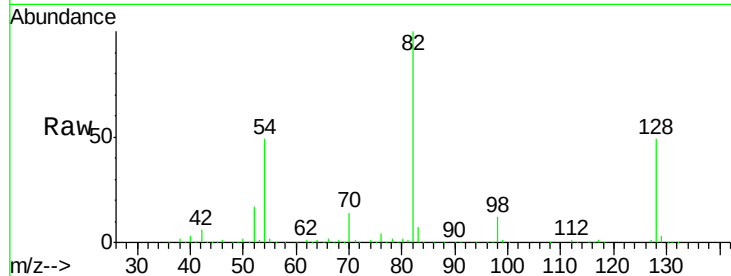




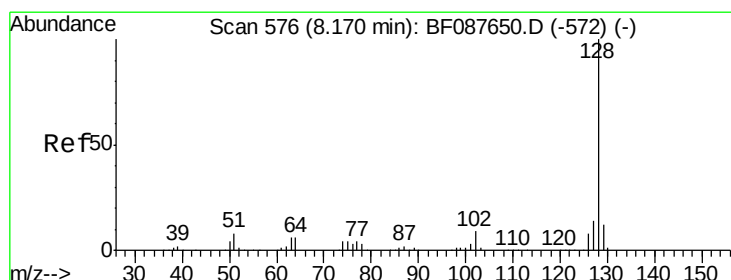
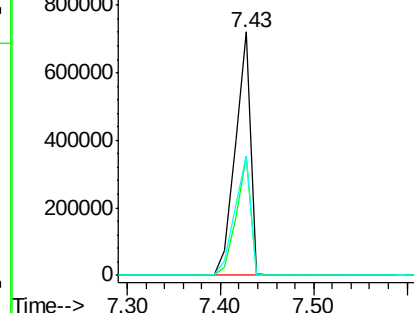
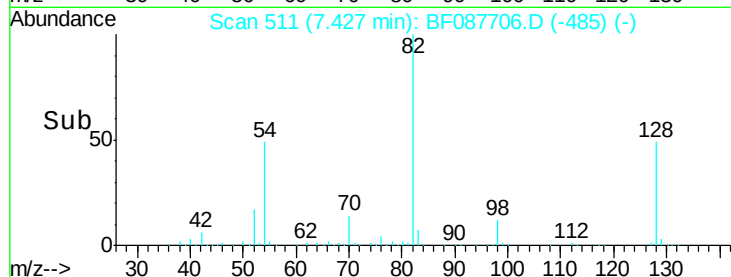
#23
Nitrobenzene-d5
Concen: 93.03 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF087706.D
Acq: 5 Jun 2016 14:19

Instrument :
BNA_F
ClientSampleId :
WC-201605B

Tot Ion: 82 Resp: 824729
Ion Ratio Lower Upper
82 100
128 48.9 35.9 53.9
54 49.1 40.9 61.3

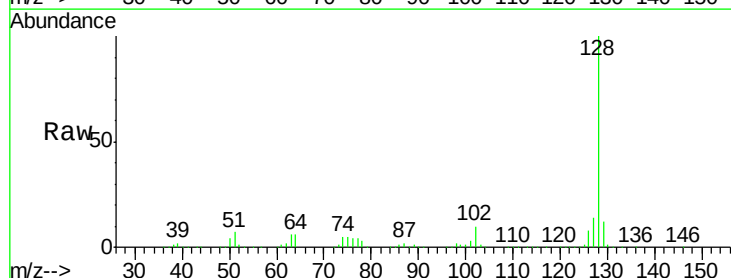


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

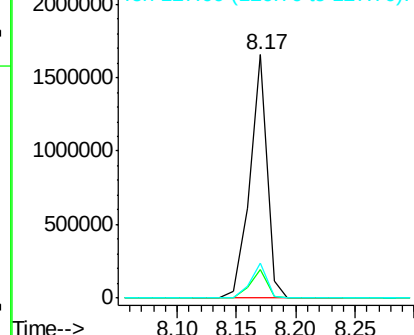
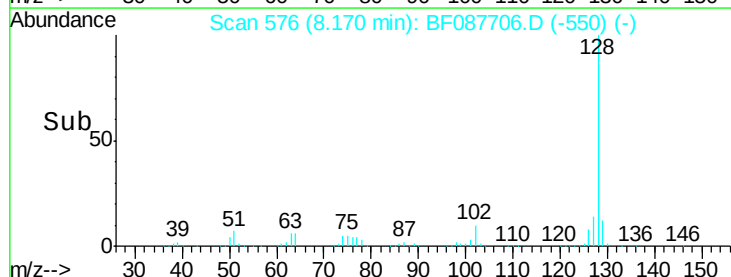


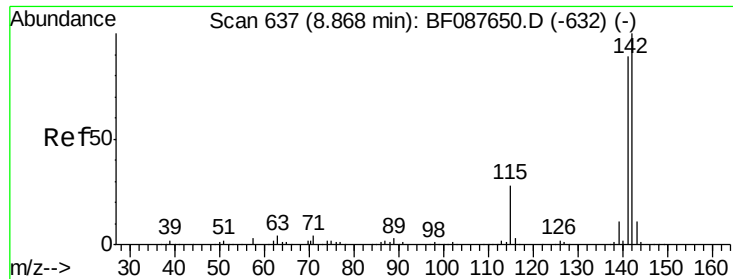
#31
Naphthalene
Concen: 66.74 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF087706.D
Acq: 5 Jun 2016 14:19

Tgt Ion:128 Resp: 1664490
Ion Ratio Lower Upper
128 100
129 12.0 9.4 14.2
127 14.2 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

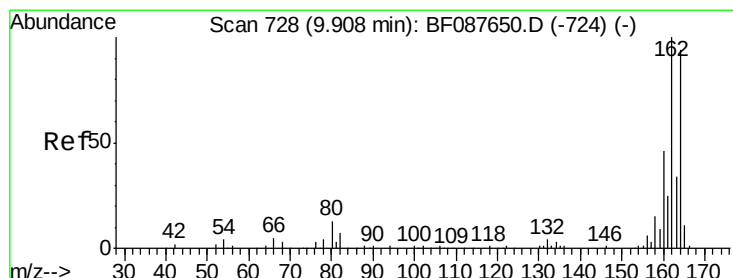
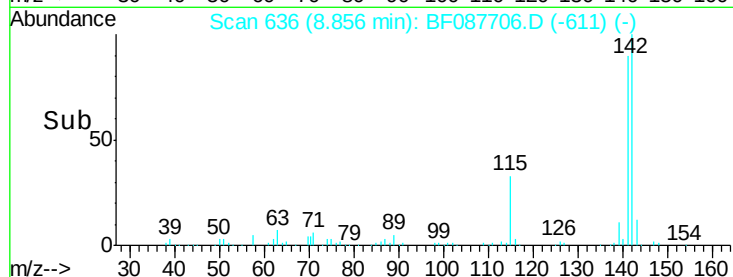
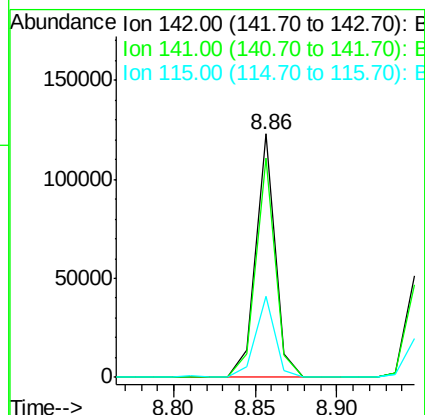
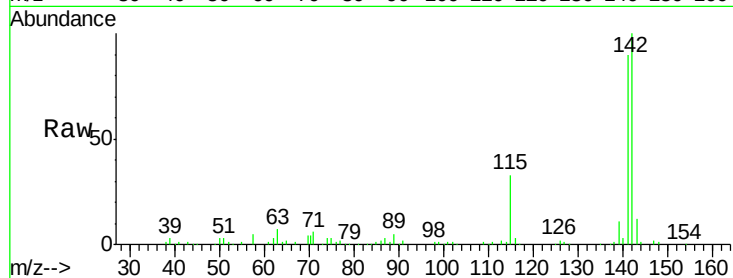




#37
2-Methylnaphthalene
Concen: 6.21 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF087706.D
Acq: 5 Jun 2016 14:19

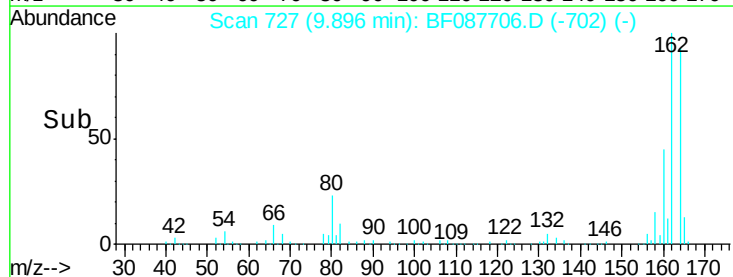
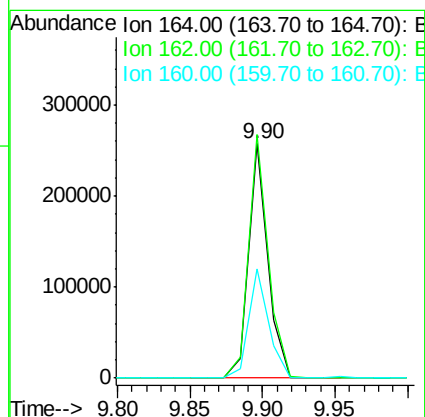
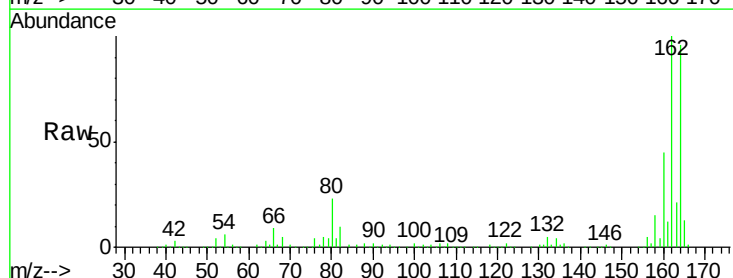
Instrument :
BNA_F
ClientSampleId :
WC-201605B

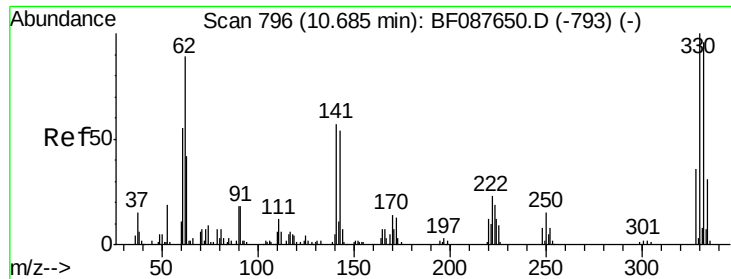
Tot Ion:142 Resp: 102333
Ion Ratio Lower Upper
142 100
141 89.9 71.0 106.6
115 33.2 22.6 33.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF087706.D
Acq: 5 Jun 2016 14:19

Tgt Ion:164 Resp: 236473
Ion Ratio Lower Upper
164 100
162 103.9 85.4 128.2
160 46.6 39.5 59.3

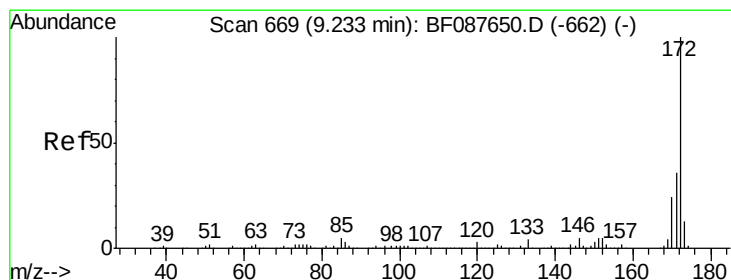
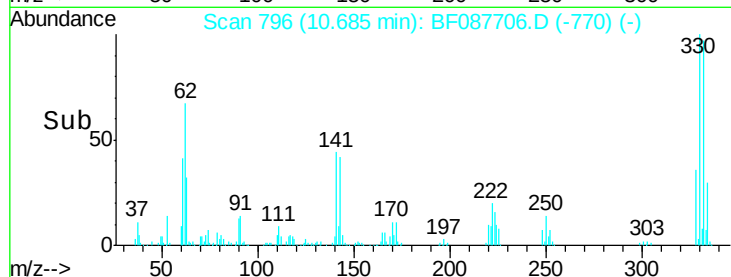
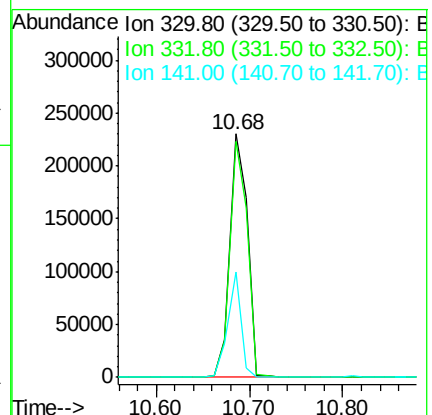
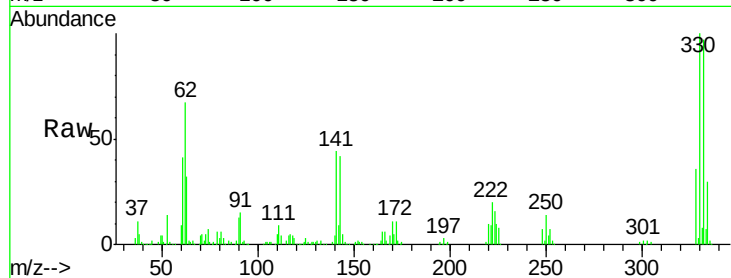




#41
 2,4,6-Tribromophenol
 Concen: 128.15 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF087706.D
 Acq: 5 Jun 2016 14:19

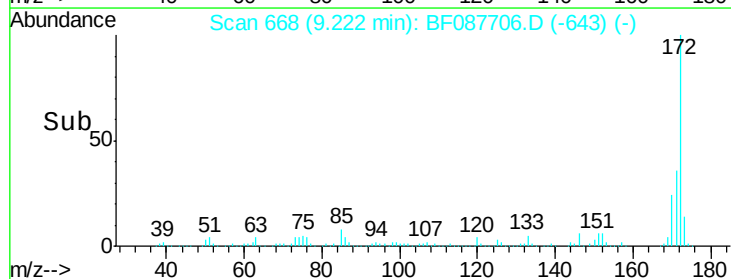
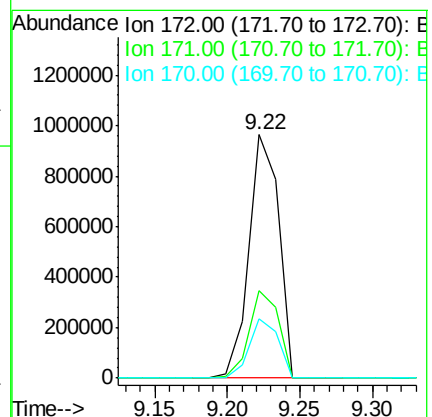
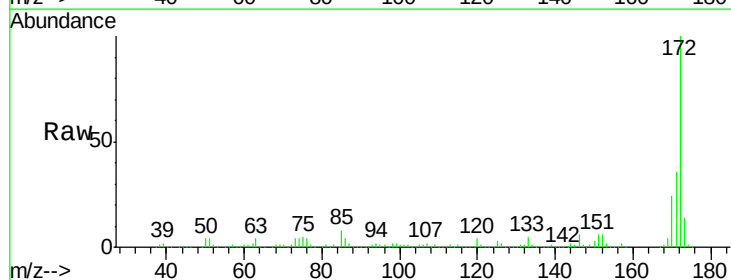
Instrument :
 BNA_F
 ClientSampleId :
 WC-201605B

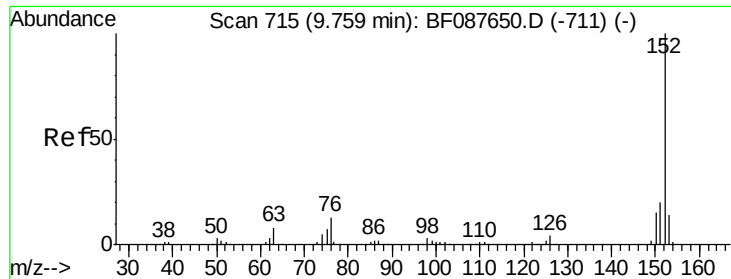
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	33.0	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 90.95 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087706.D
 Acq: 5 Jun 2016 14:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.3	19.2	28.8





#48

Acenaphthylene

Concen: 2.21 ng

RT: 9.76 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF087706.D

Acq: 5 Jun 2016 14:19

Instrument :

BNA_F

ClientSampleId :

WC-201605B

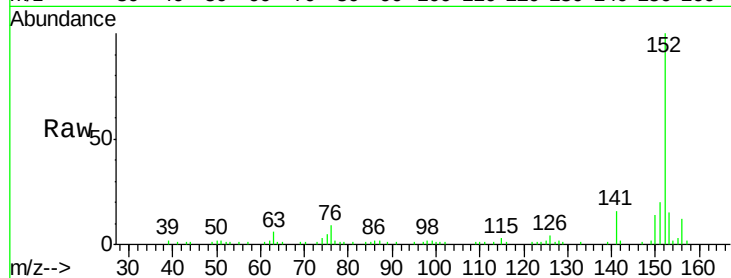
Tot Ion:152 Resp: 52559

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

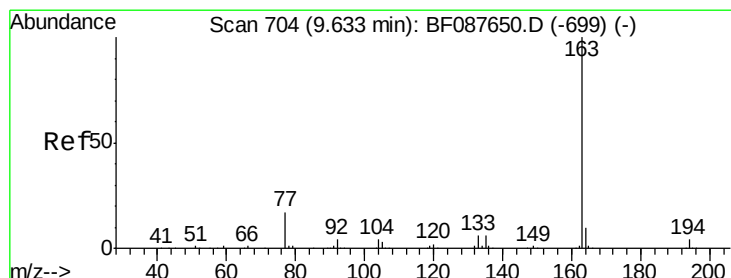
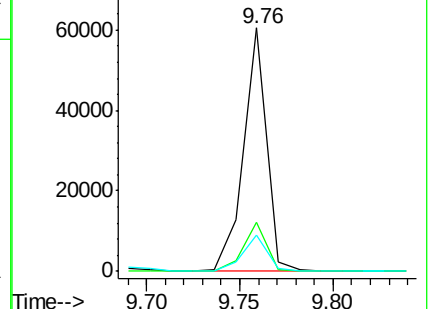
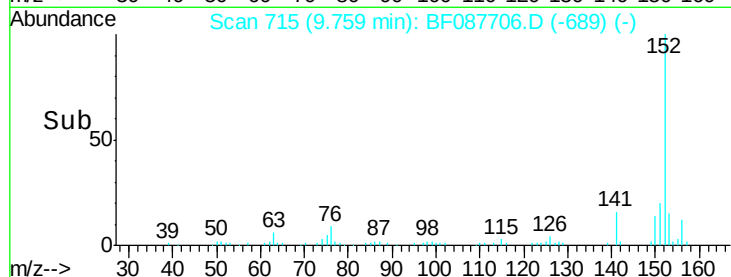
153 15.0 11.0 16.6



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



#49

Dimethylphthalate

Concen: 9.75 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF087706.D

Acq: 5 Jun 2016 14:19

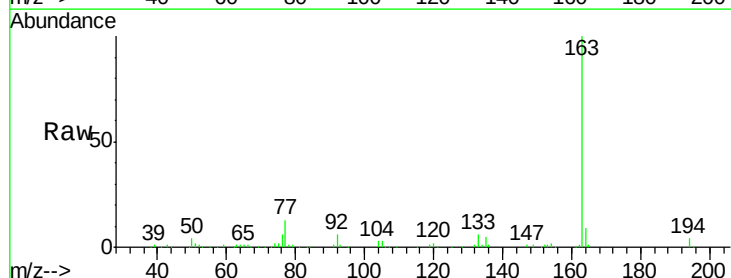
Tgt Ion:163 Resp: 167669

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

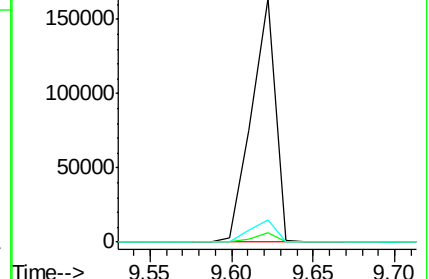
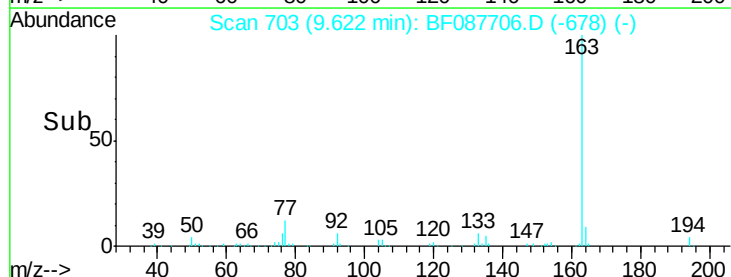
164 9.3 8.3 12.5

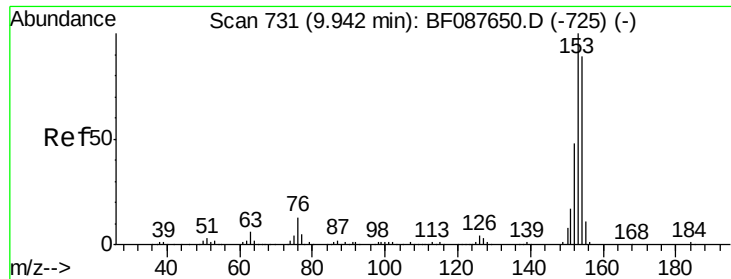


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 6.08 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF087706.D

Acq: 5 Jun 2016 14:19

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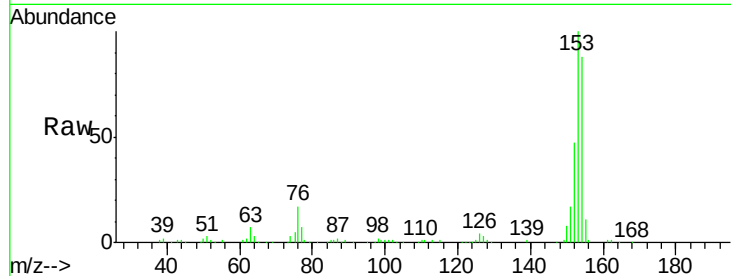
Tot Ion:154 Resp: 93213

Ion Ratio Lower Upper

154 100

153 113.5 89.5 134.3

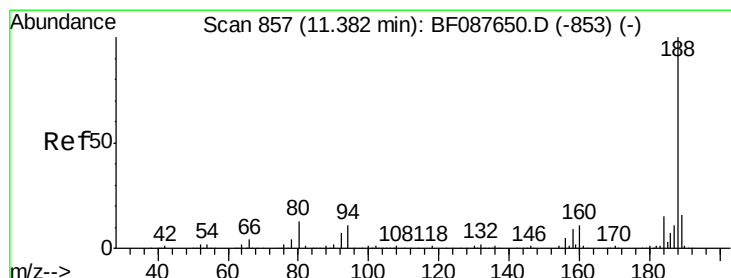
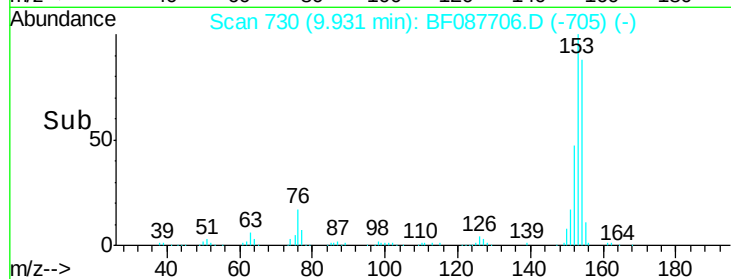
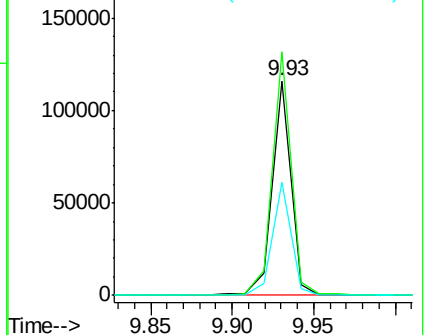
152 52.9 42.7 64.1



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: BF087706.D

Acq: 5 Jun 2016 14:19

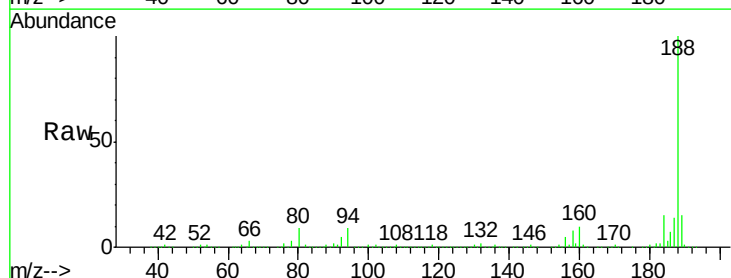
Tgt Ion:188 Resp: 458105

Ion Ratio Lower Upper

188 100

94 9.1 9.0 13.6

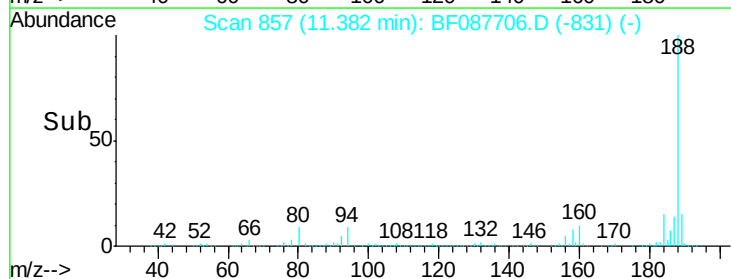
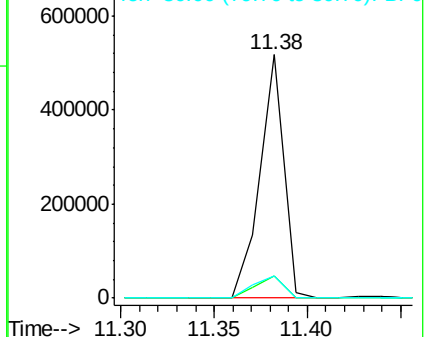
80 9.2 10.0 15.0#

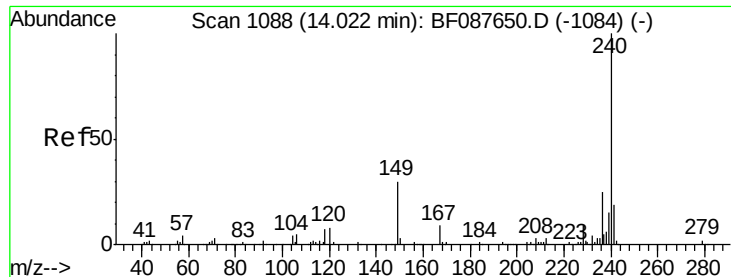


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF087706.D

Acq: 5 Jun 2016 14:19

Instrument :

BNA_F

ClientSampled :

WC-201605B

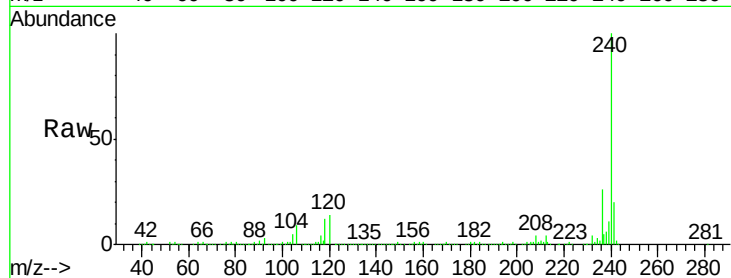
Tot Ion:240 Resp: 356383

Ion Ratio Lower Upper

240 100

120 13.6 6.8 10.2#

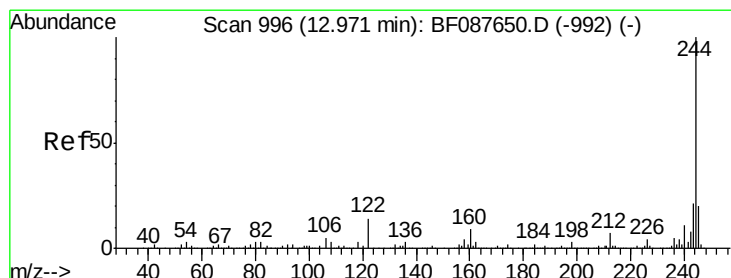
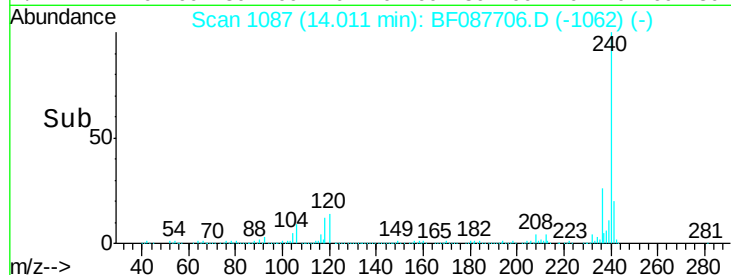
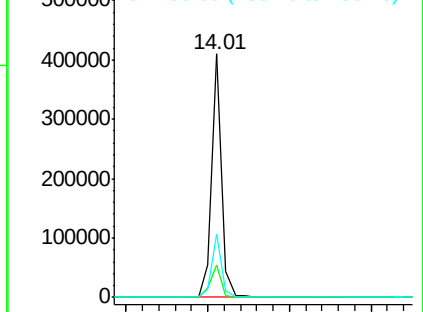
236 25.8 20.2 30.2



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: 70.46 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF087706.D

Acq: 5 Jun 2016 14:19

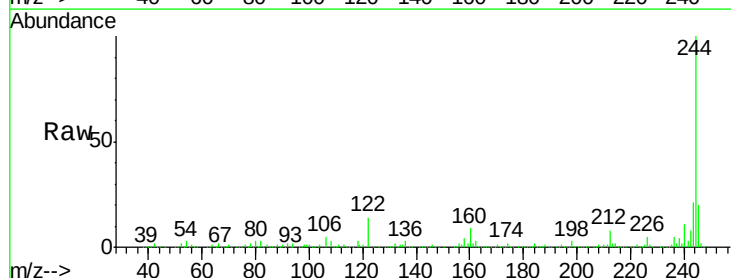
Tgt Ion:244 Resp: 1029103

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

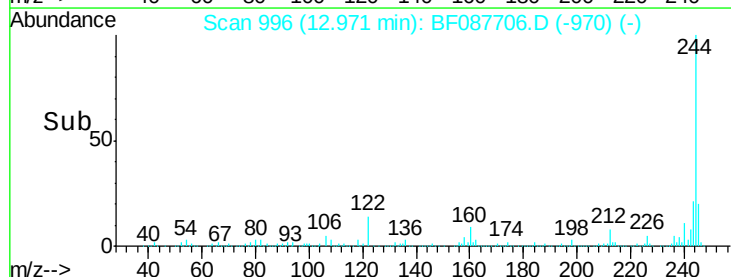
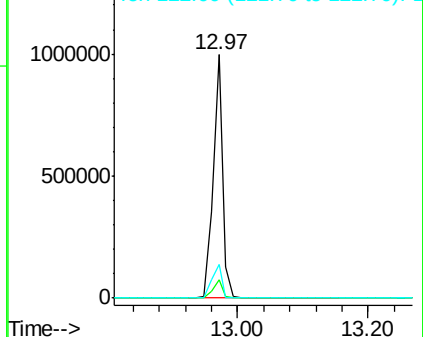
122 13.8 11.2 16.8

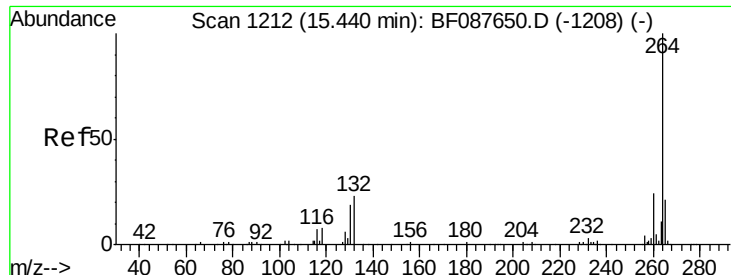


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

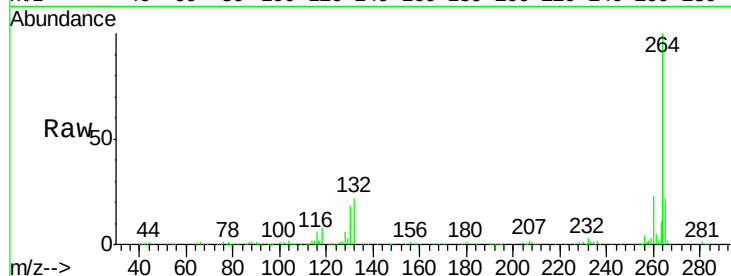




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF087706.D
 Acq: 5 Jun 2016 14:19

Instrument :
 BNA_F
 ClientSampleId :
 WC-201605B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.7	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

