

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 02:58:43 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

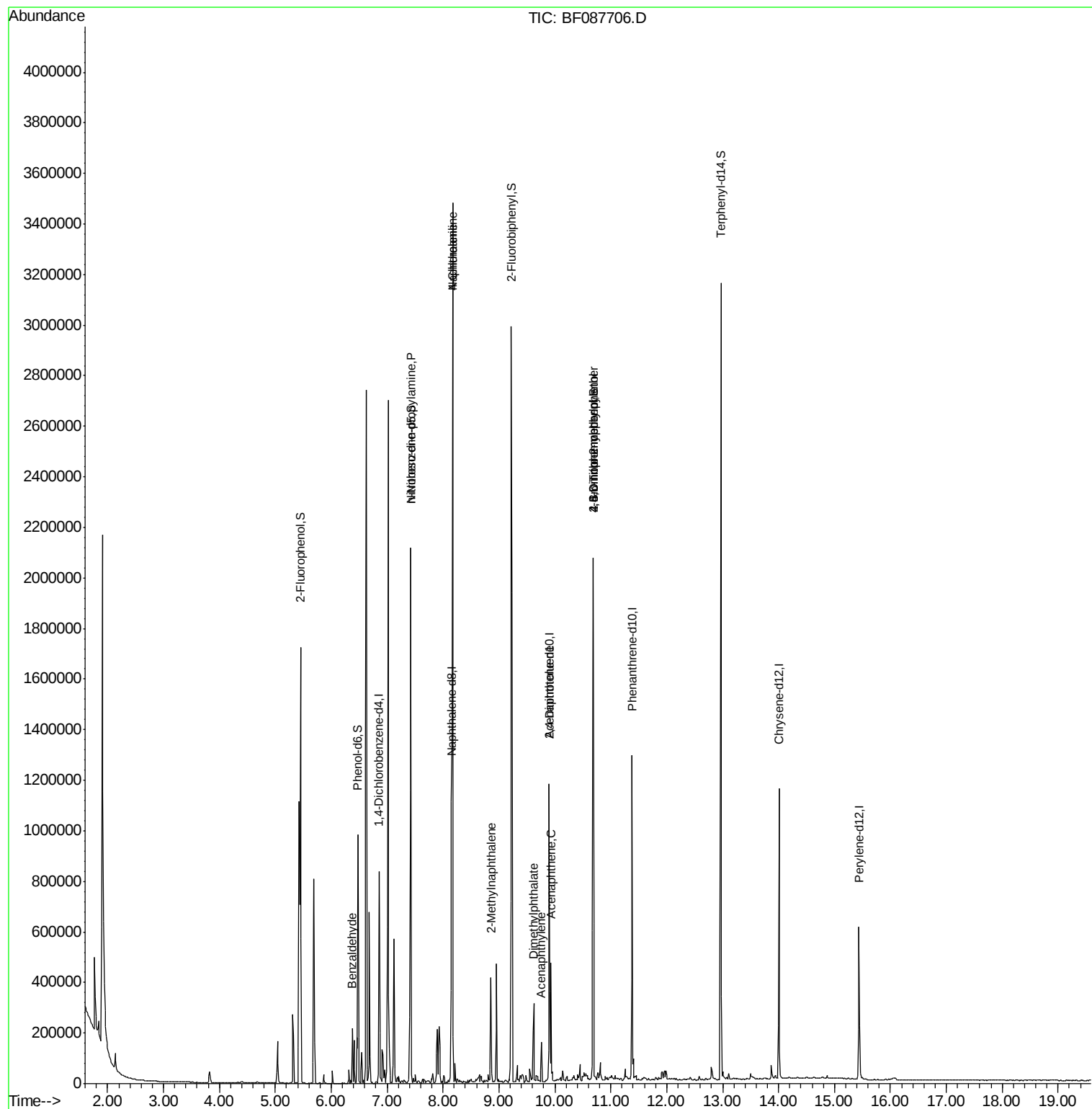
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	125239	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	512917	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	236473	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	458105	20.00	ng	0.00
75) Chrysene-d12	14.01	240	356383	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
9) Benzaldehyde	6.38	77	20393	3.10	ng	# 1
19) n-Nitroso-di-n-propylamine	7.43	70	111088	18.30	ng	# 74
31) Naphthalene	8.17	128	1664490	66.74	ng	99
33) 4-Chloroaniline	8.17	127	230249	21.25	ng	# 33
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
56) 2,4-Dinitrotoluene	9.90	165	30776	6.18	ng	# 38
64) 4,6-Dinitro-2-methylphenol	10.68	198	429	2.18	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	17070	3.76	ng	# 1

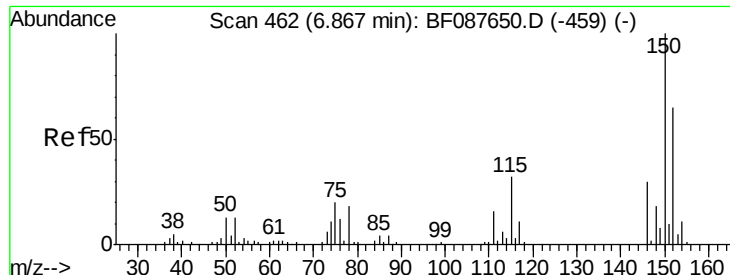
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

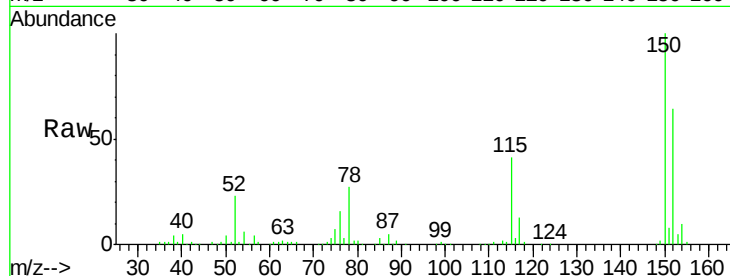
Tgt Ion:152 Resp: 125239

Ion Ratio Lower Upper

152 100

150 155.4 123.8 185.6

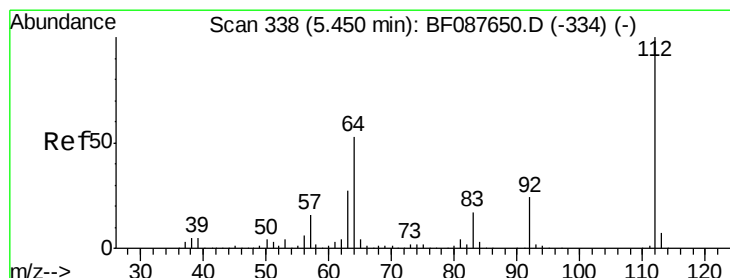
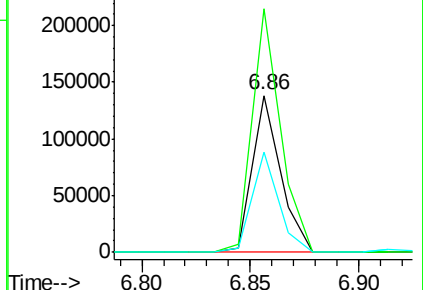
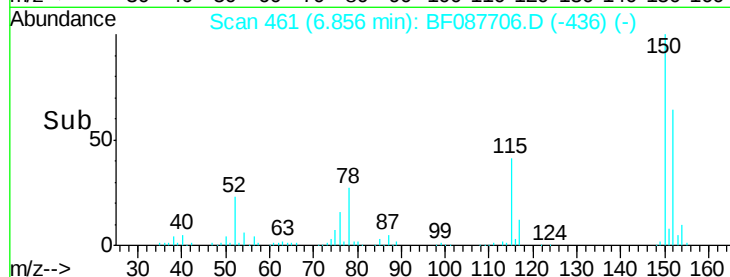
115 64.4 39.6 59.4#



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

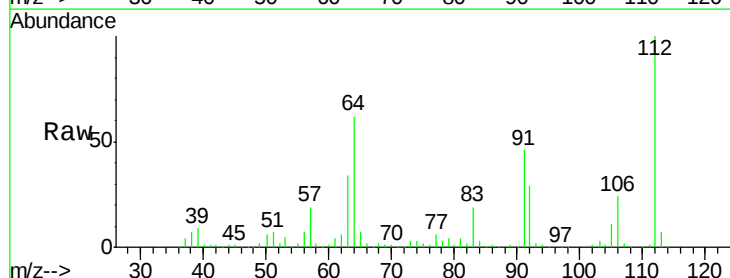
Tgt Ion:112 Resp: 425200

Ion Ratio Lower Upper

112 100

64 61.8 42.2 63.2

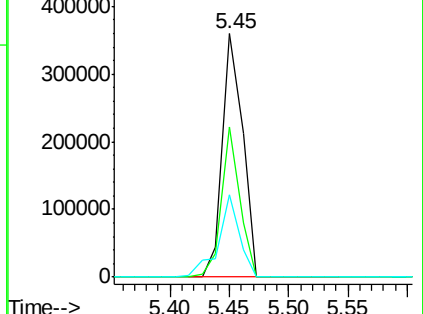
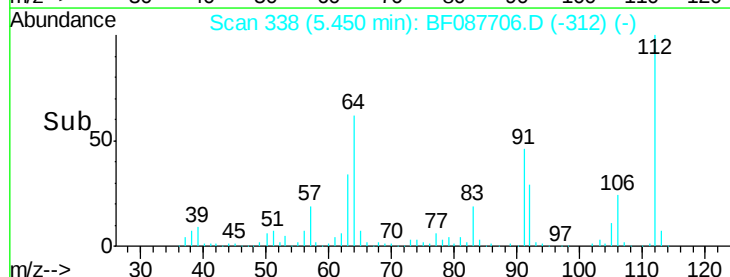
63 33.6 21.8 32.8#

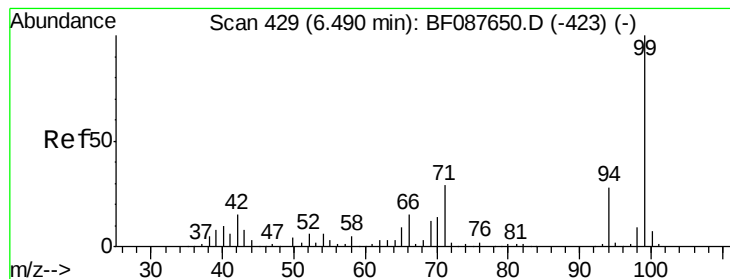


Abundance Ion 112.00 (111.70 to 112.70): E

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

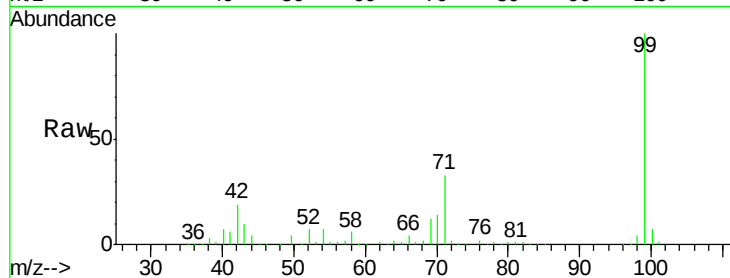
Tgt Ion: 99 Resp: 322059

Ion Ratio Lower Upper

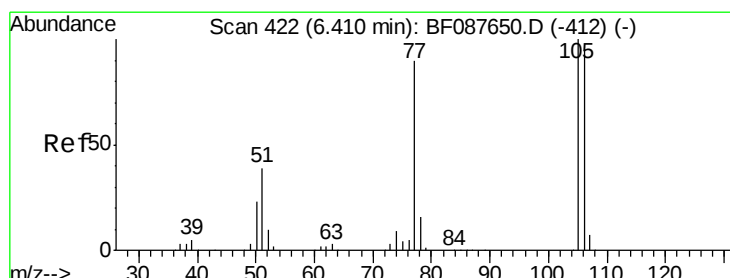
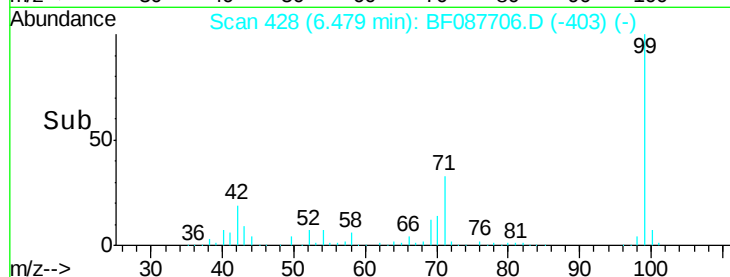
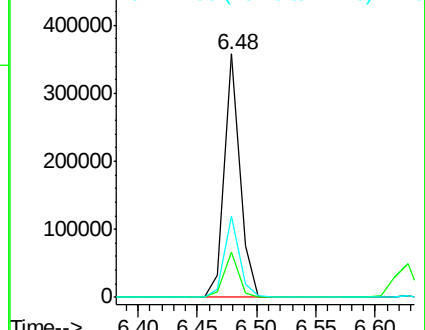
99 100

42 18.8 12.2 18.2#

71 33.5 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: 3.10 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.03 min

Lab File: BF087706.D

Acq: 5 Jun 2016 14:19

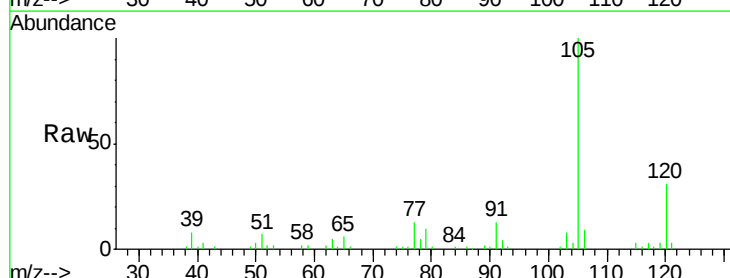
Tgt Ion: 77 Resp: 20393

Ion Ratio Lower Upper

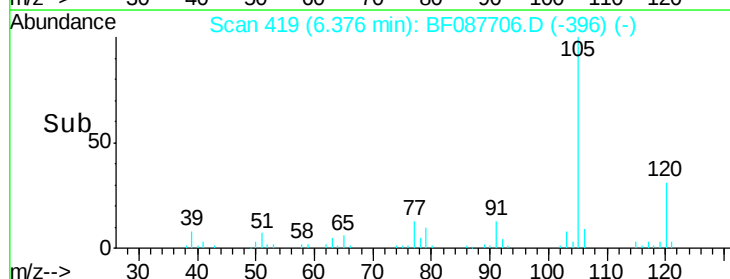
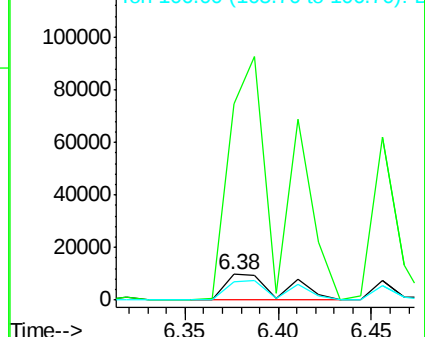
77 100

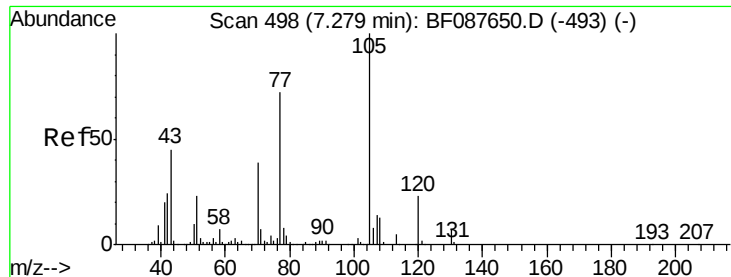
105 757.5 90.6 130.6#

106 71.6 85.3 125.3#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 18.30 ng

RT: 7.43 min Scan# 511

Delta R.T. 0.15 min

Lab File: BF087706.D

Acq: 5 Jun 2016 14:19

Instrument :

BNA_F

ClientSampleId :

WC-201605B

Tgt Ion: 70 Resp: 111088

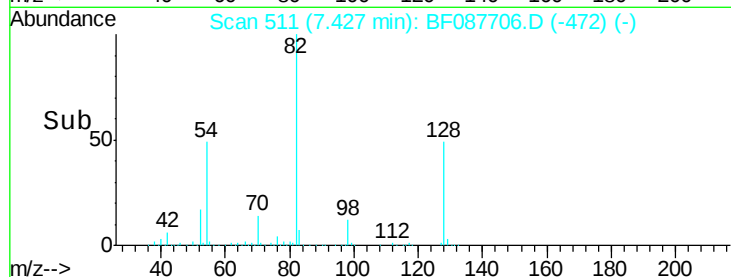
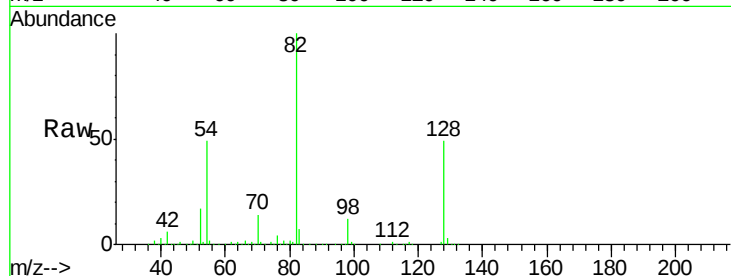
Ion Ratio Lower Upper

70 100

42 44.1 49.6 74.4#

101 0.0 7.1 10.7#

130 2.5 15.4 23.2#

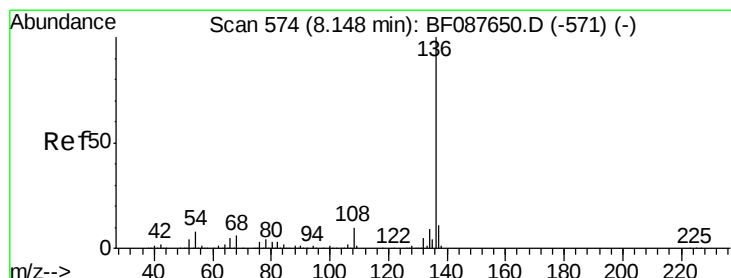
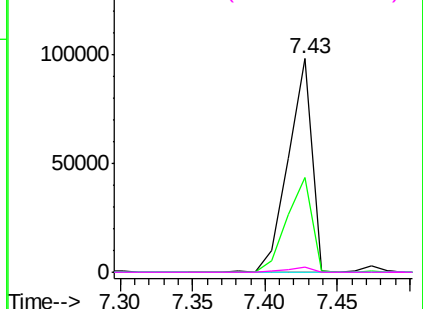


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#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

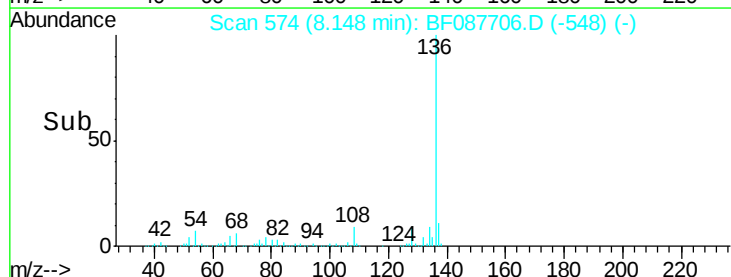
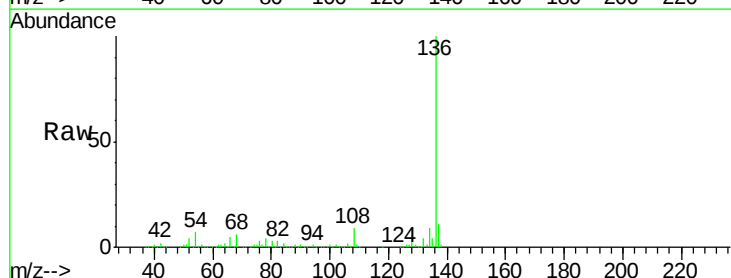
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.2 6.6 10.0

68 5.8 5.1 7.7

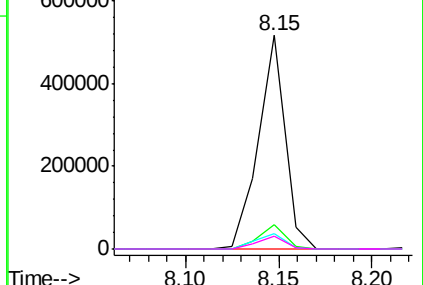


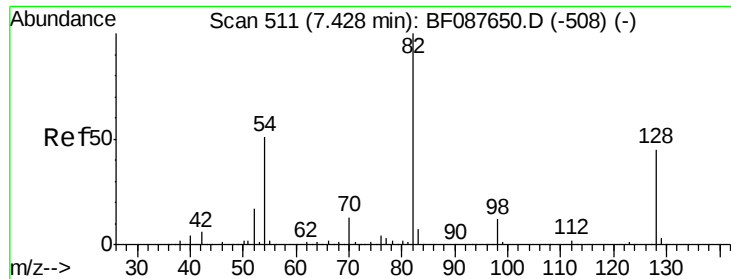
Abundance Ion 136.00 (135.70 to 136.70): E

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

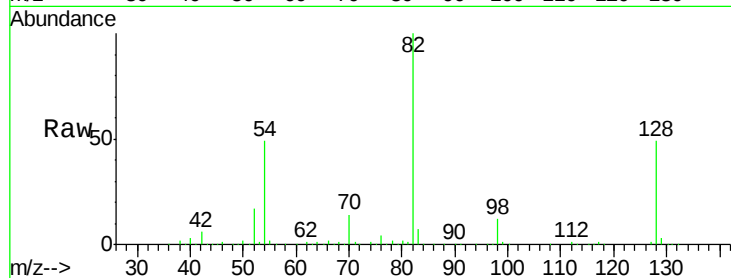




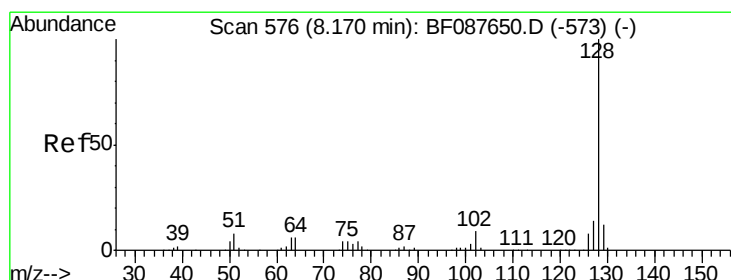
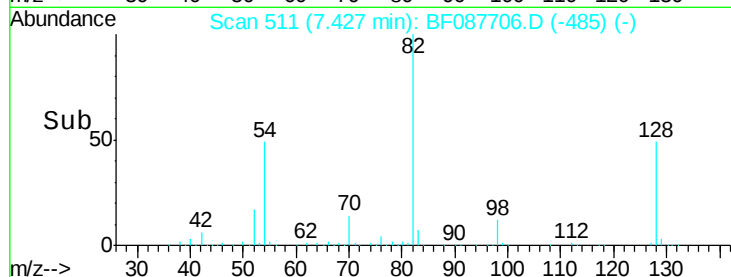
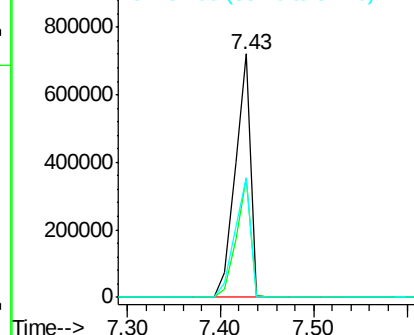
#23
Nitrobenzene-d5
Concen: 93.03 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF087706.D
Acq: 5 Jun 2016 14:19

Instrument :
BNA_F
ClientSampleId :
WC-201605B

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

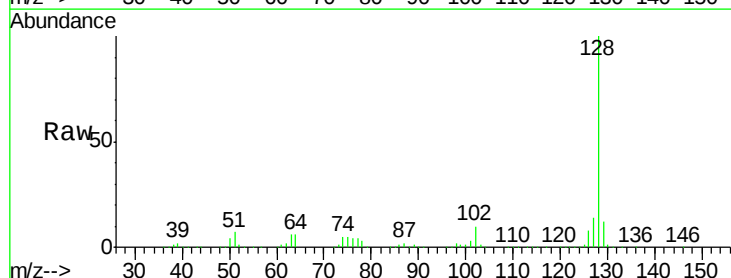


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

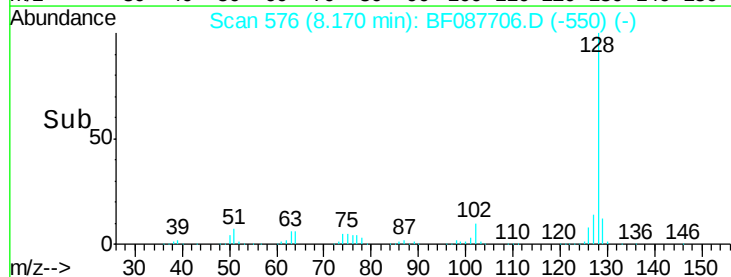
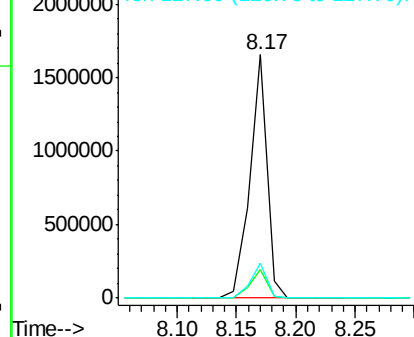


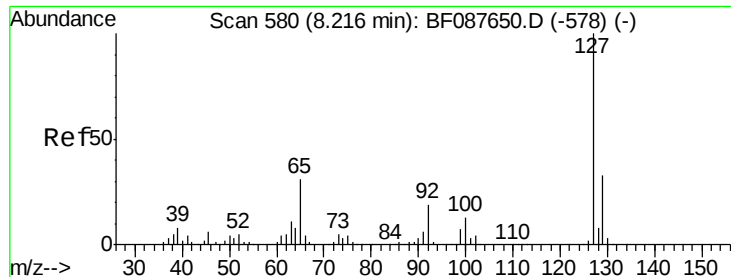
#31
Naphthalene
Concen: 66.74 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF087706.D
Acq: 5 Jun 2016 14:19

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

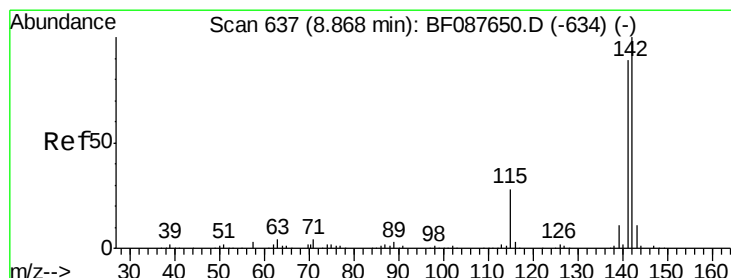
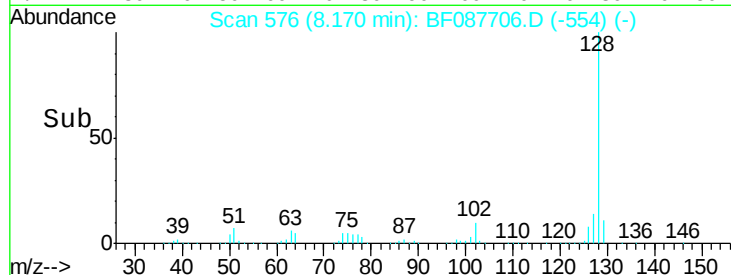
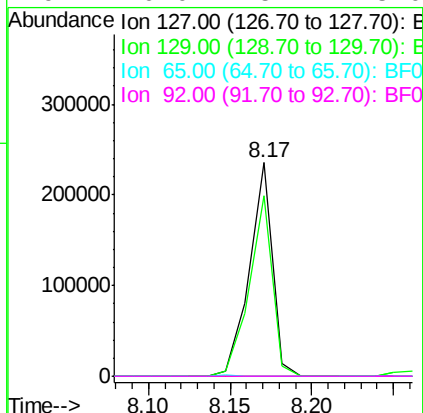
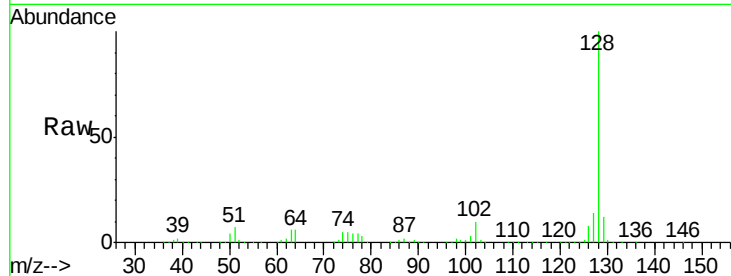




#33
4-Chloroaniline
Concen: 21.25 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.05 min
Lab File: BF087706.D
Acq: 5 Jun 2016 14:19

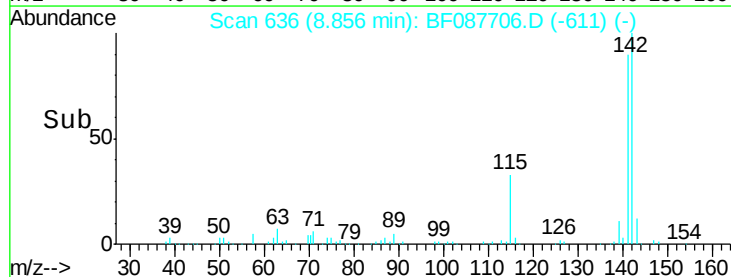
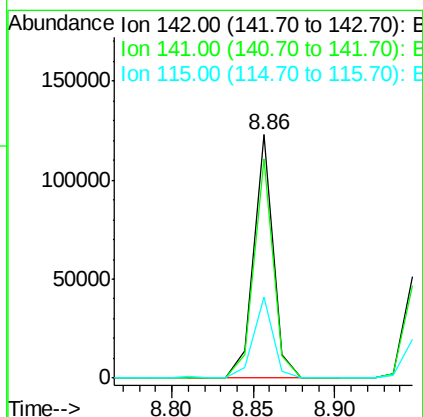
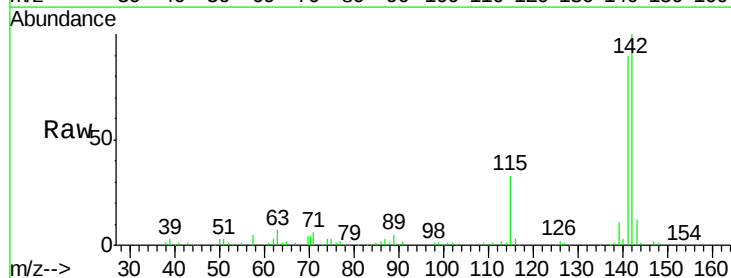
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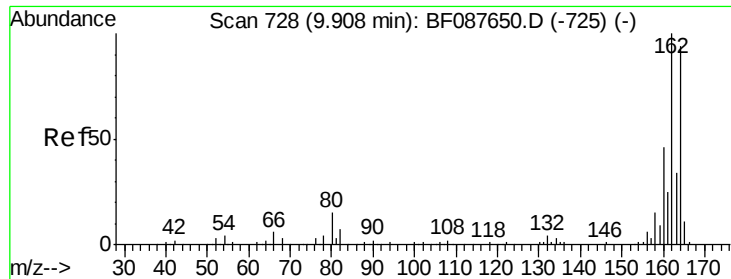
Tgt Ion:	127	Resp:	230249
Ion	Ratio	Lower	Upper
127	100		
129	84.2	26.3	39.5#
65	0.0	24.7	37.1#
92	0.0	15.4	23.0#



#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

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

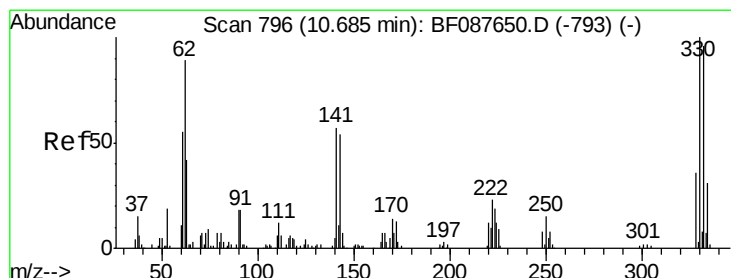
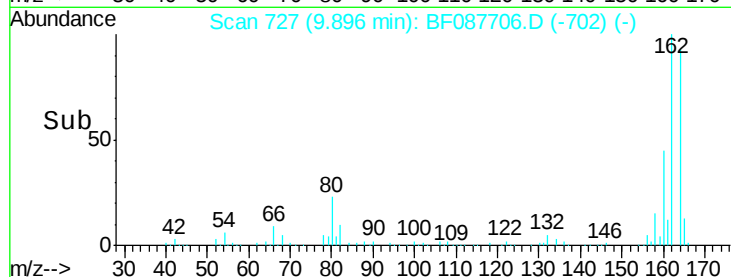
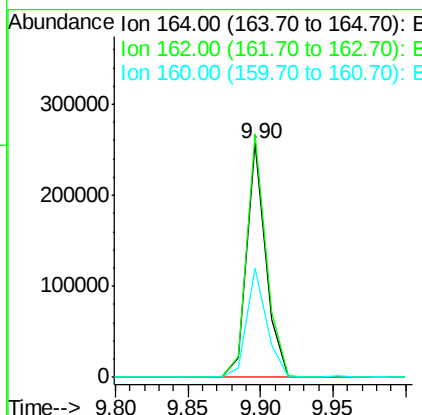
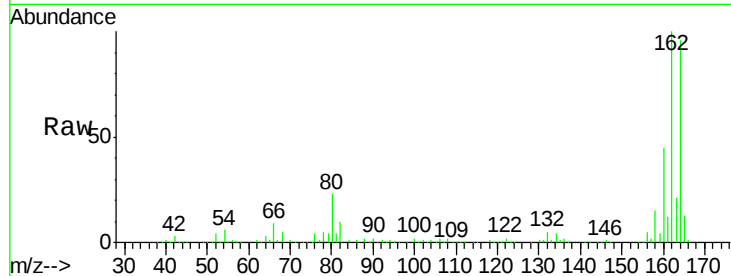




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: BF087706.D
 Acq: 5 Jun 2016 14:19

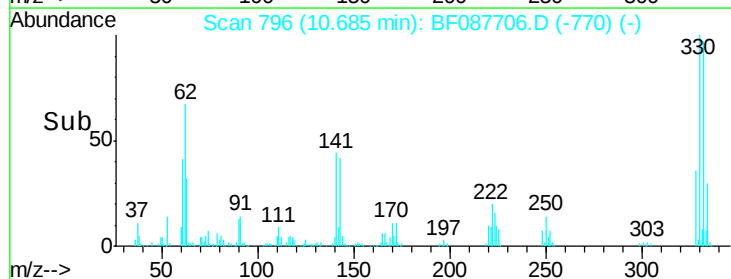
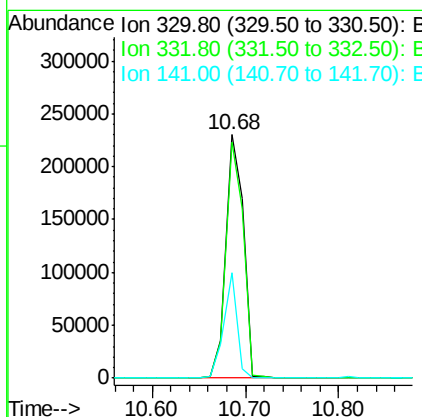
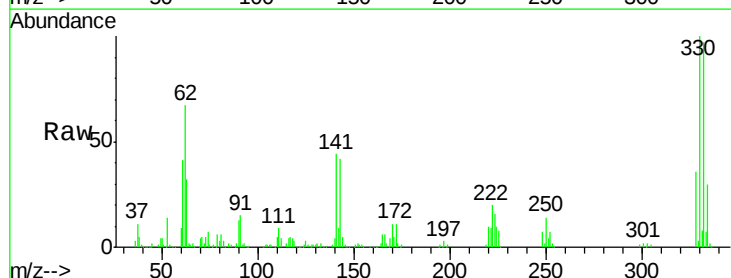
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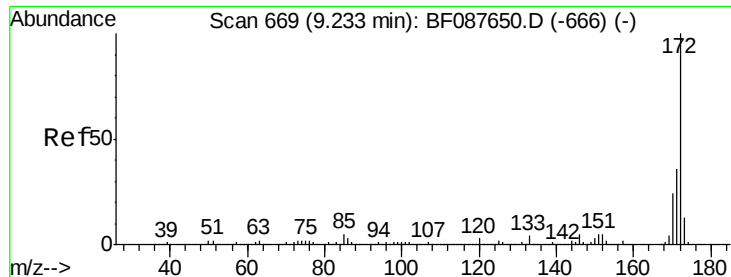
Tgt Ion:164 Resp: 236473
 Ion Ratio Lower Upper
 164 100
 162 103.9 85.4 128.2
 160 46.6 39.5 59.3



#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

Tgt Ion:330 Resp: 304189
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 33.0 0.0 0.0#

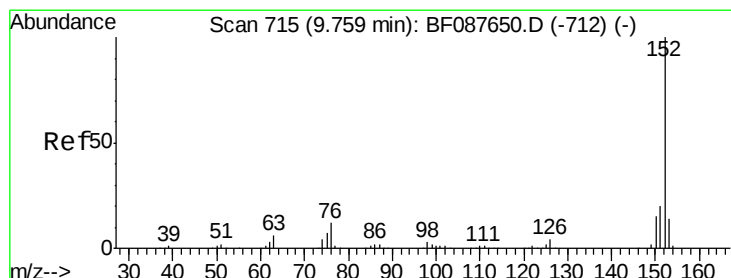
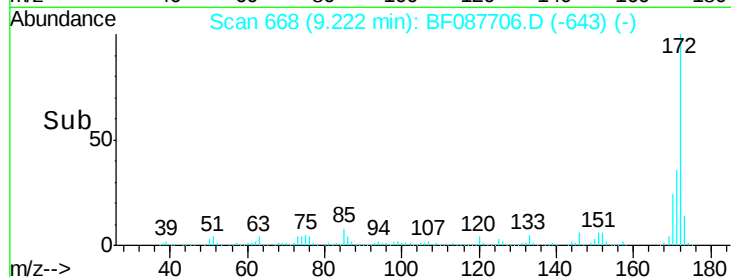
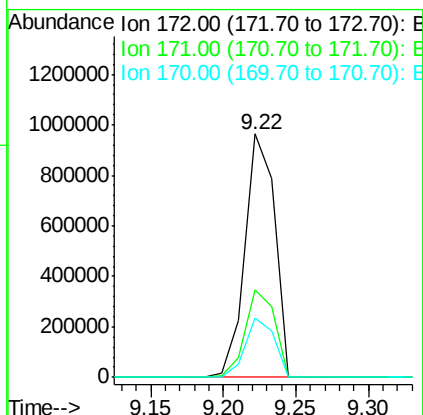
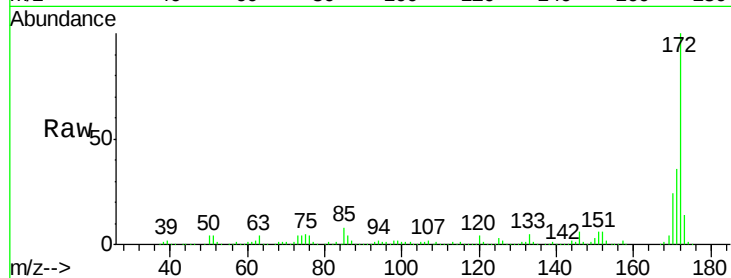




#44
 2-Fluorobiphenyl
 Concen: 90.95 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087706.D
 Acq: 5 Jun 2016 14:19

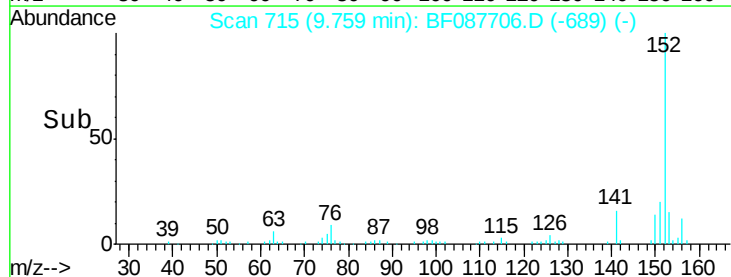
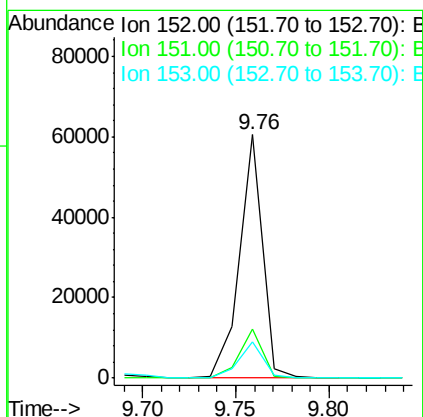
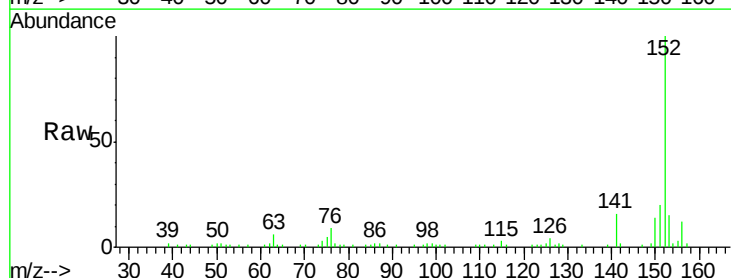
Instrument :
 BNA_F
 ClientSampleId :
 WC-201605B

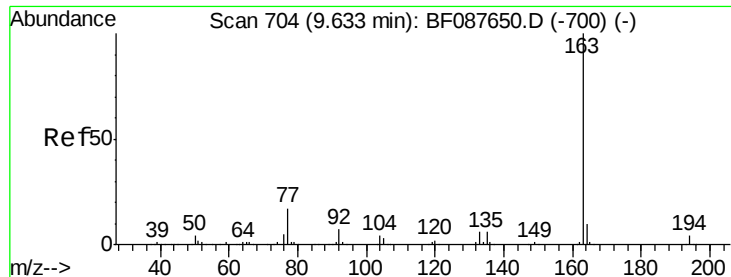
Tgt Ion:172 Resp: 1369303
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 24.3 19.2 28.8



#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

Tgt Ion:152 Resp: 52559
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.2 24.4
 153 15.0 11.0 16.6

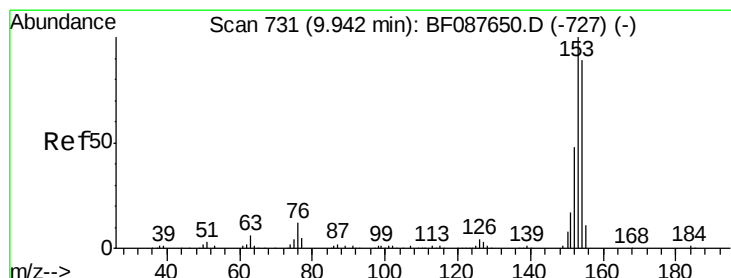
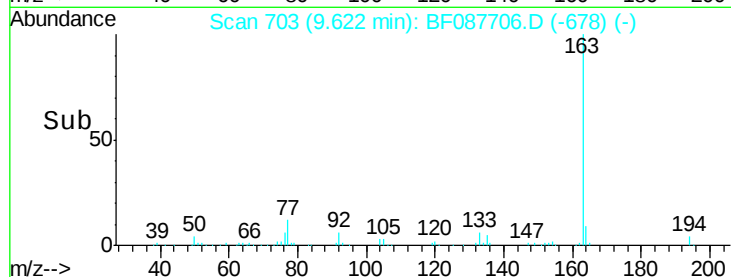
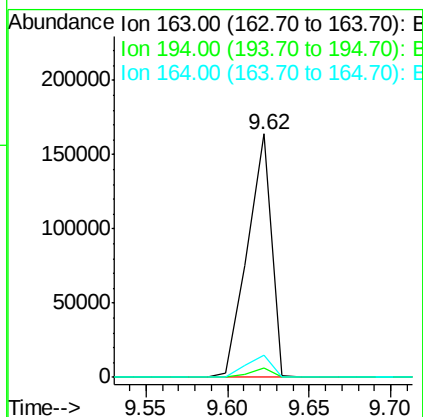
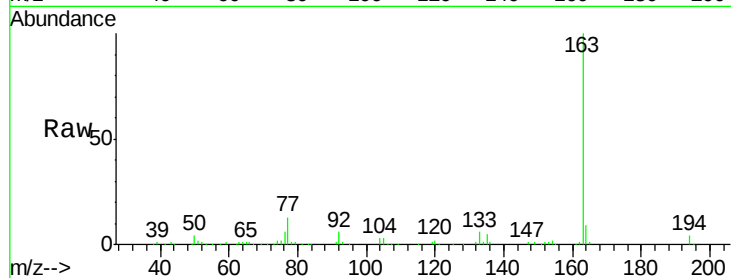




#49
Dimethylphthalate
Concen: 9.75 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF087706.D
Acq: 5 Jun 2016 14:19

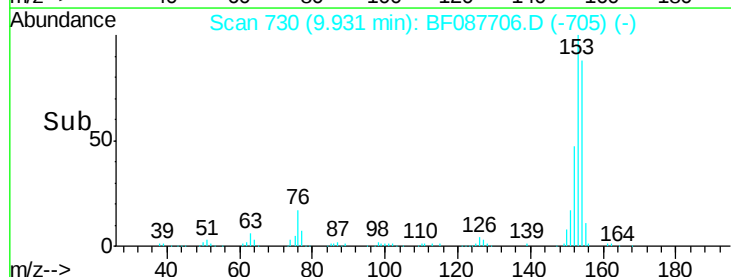
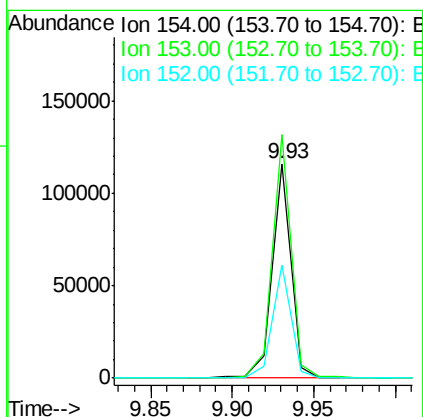
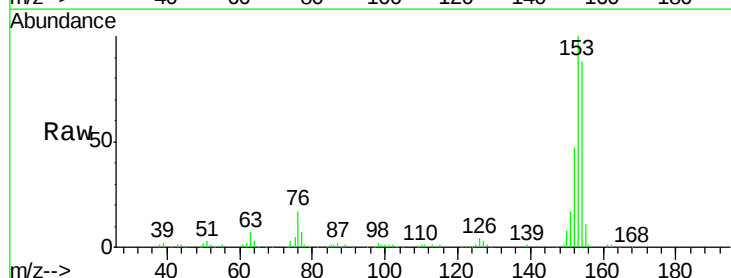
Instrument :
BNA_F
ClientSampleId :
WC-201605B

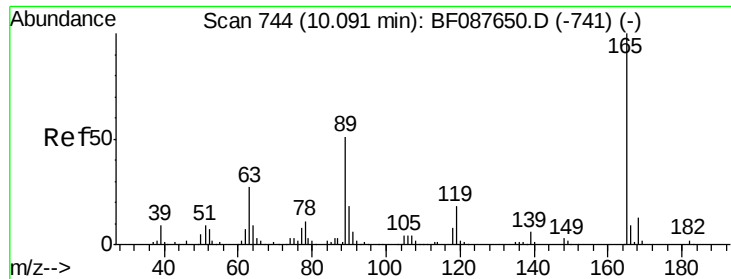
Tgt Ion:163 Resp: 167669
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 9.3 8.3 12.5



#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

Tgt Ion:154 Resp: 93213
Ion Ratio Lower Upper
154 100
153 113.5 89.5 134.3
152 52.9 42.7 64.1

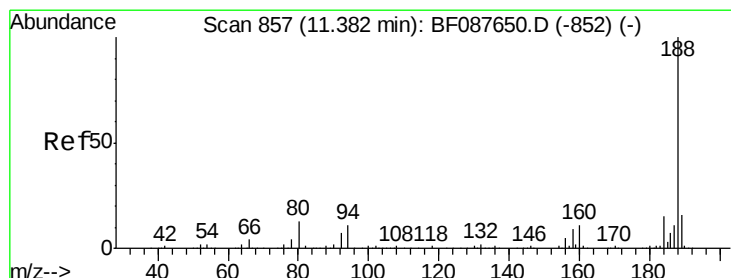
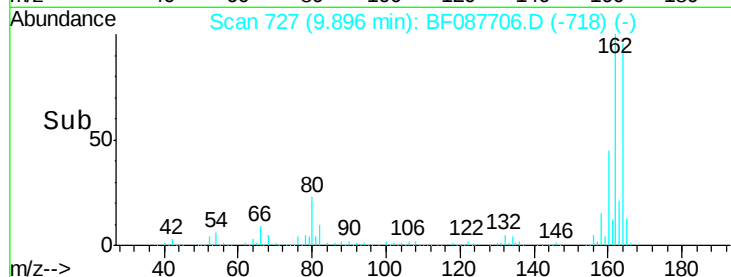
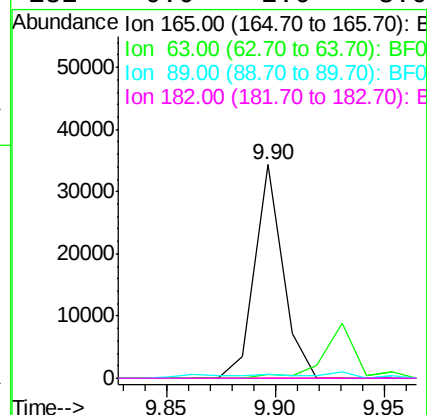
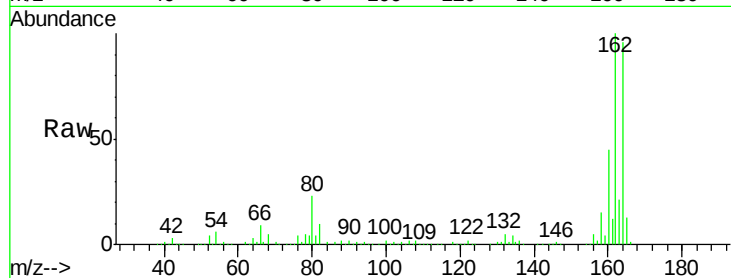




#56
 2,4-Dinitrotoluene
 Concen: 6.18 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.19 min
 Lab File: BF087706.D
 Acq: 5 Jun 2016 14:19

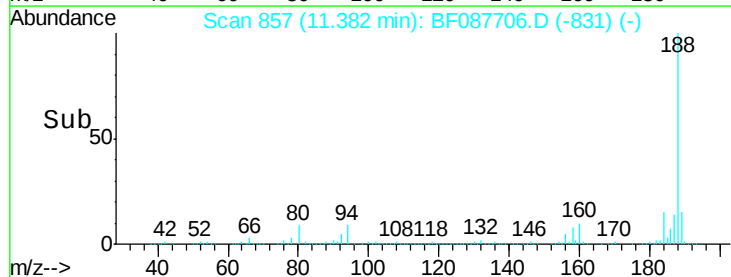
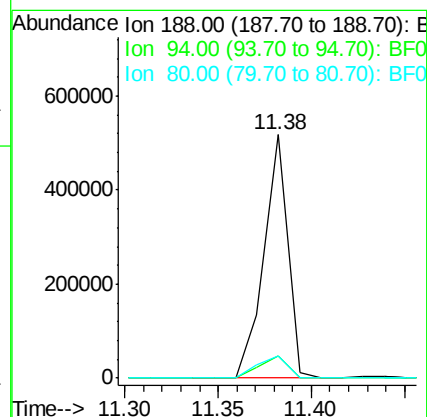
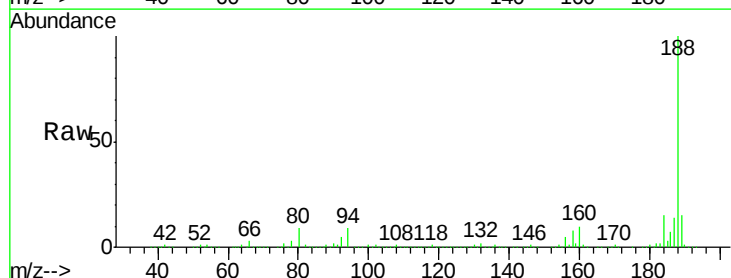
Instrument :
 BNA_F
 ClientSampleId :
 WC-201605B

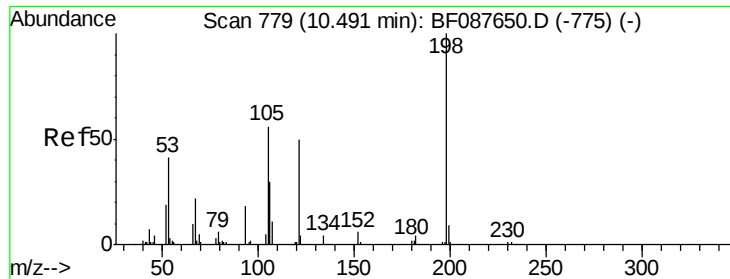
Tgt Ion:	165	Resp:	30776
Ion Ratio	Lower	Upper	
165	100		
63	1.7	22.0	33.0#
89	1.8	41.1	61.7#
182	0.0	2.0	3.0#



#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#

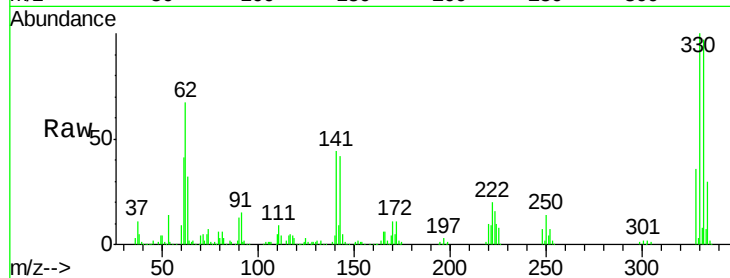




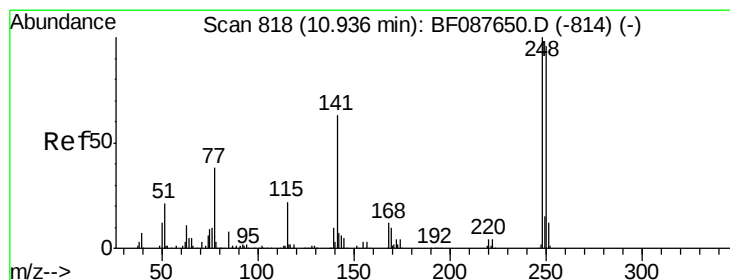
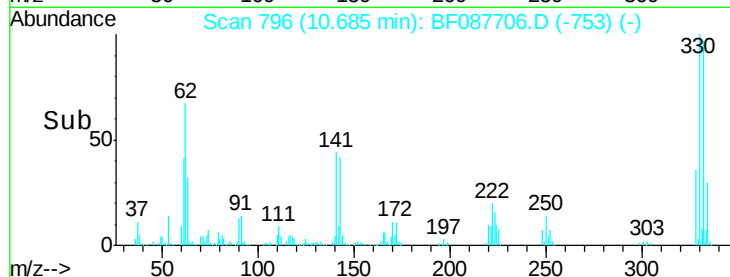
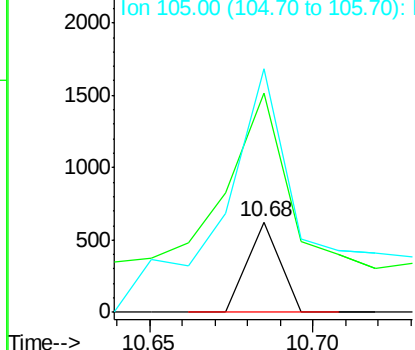
#64
4,6-Dinitro-2-methylphenol
Concen: 2.18 ng
RT: 10.68 min Scan# 796
Delta R.T. 0.19 min
Lab File: BF087706.D
Acq: 5 Jun 2016 14:19

Instrument :
BNA_F
ClientSampleId :
WC-201605B

Tgt Ion:198 Resp: 429
Ion Ratio Lower Upper
198 100
51 242.2 39.6 79.6#
105 268.8 36.6 76.6#

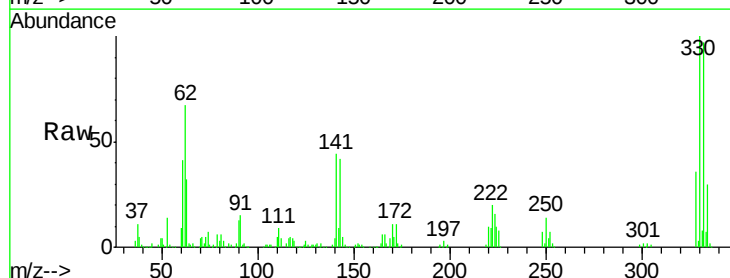


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

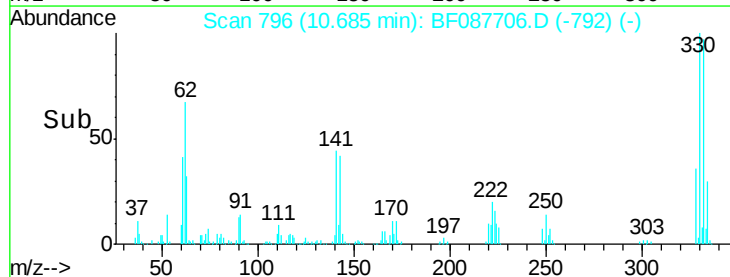
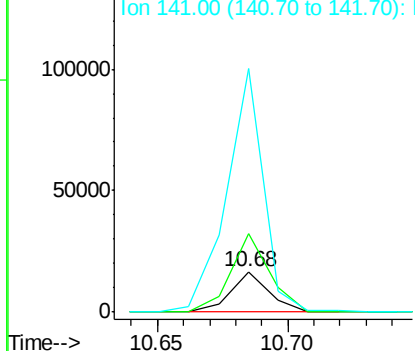


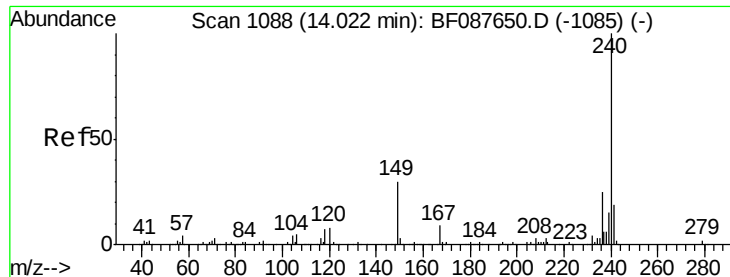
#66
4-Bromophenyl-phenylether
Concen: 3.76 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.25 min
Lab File: BF087706.D
Acq: 5 Jun 2016 14:19

Tgt Ion:248 Resp: 17070
Ion Ratio Lower Upper
248 100
250 194.8 77.1 115.7#
141 603.2 50.6 76.0#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#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

ClientSampleId :

WC-201605B

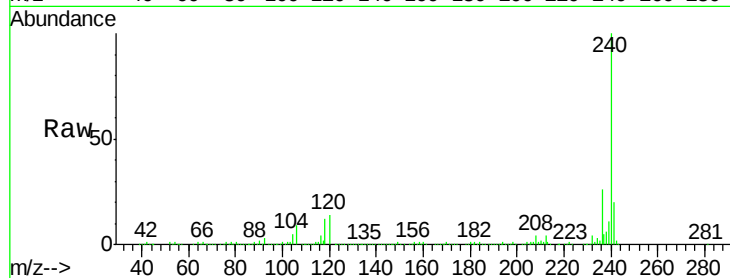
Tgt Ion:240 Resp: 356383

Ion Ratio Lower Upper

240 100

120 13.6 6.8 10.2#

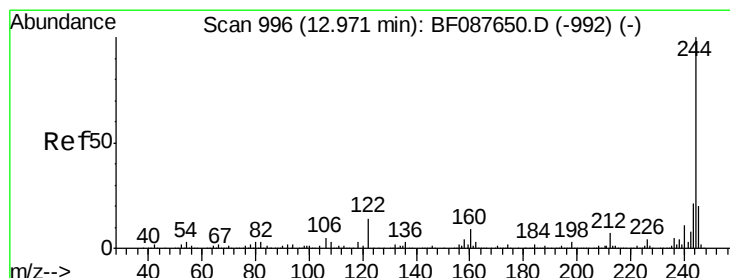
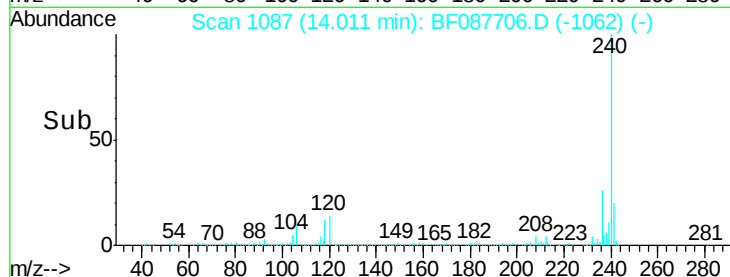
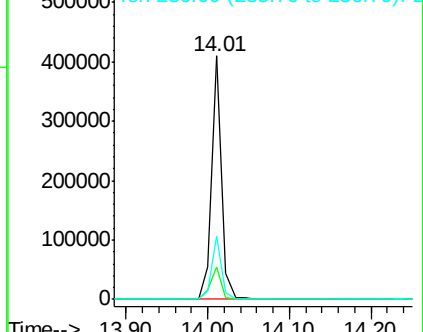
236 25.8 20.2 30.2



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

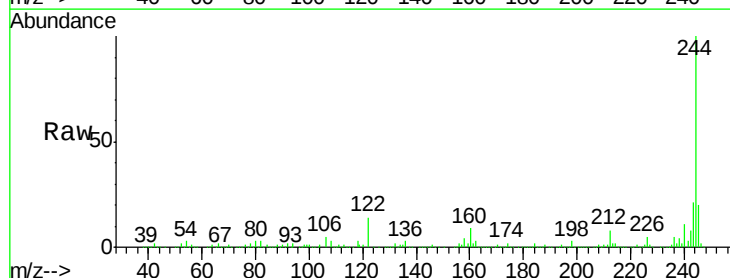
Tgt Ion:244 Resp: 1029103

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

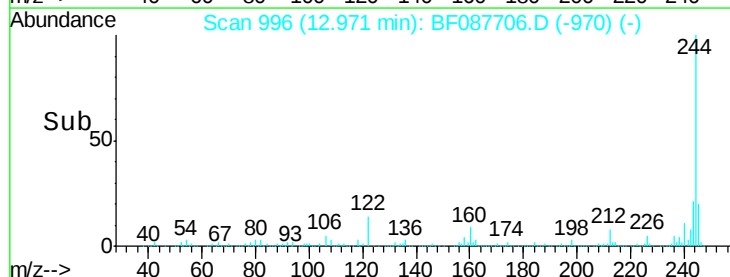
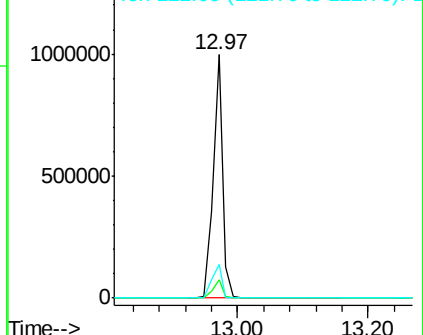
122 13.8 11.2 16.8

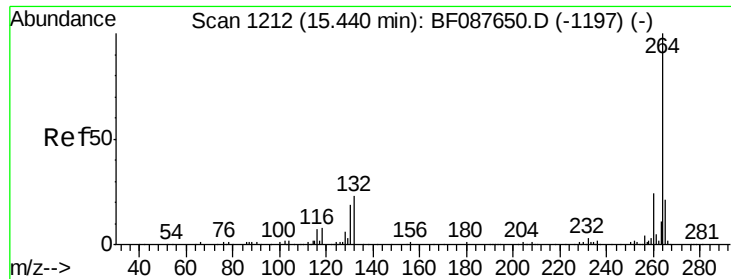


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-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

Tgt Ion: 264 Resp: 262142
Ion Ratio Lower Upper
264 100
260 23.0 19.2 28.8
265 21.7 16.9 25.3

