

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 02:58:59 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

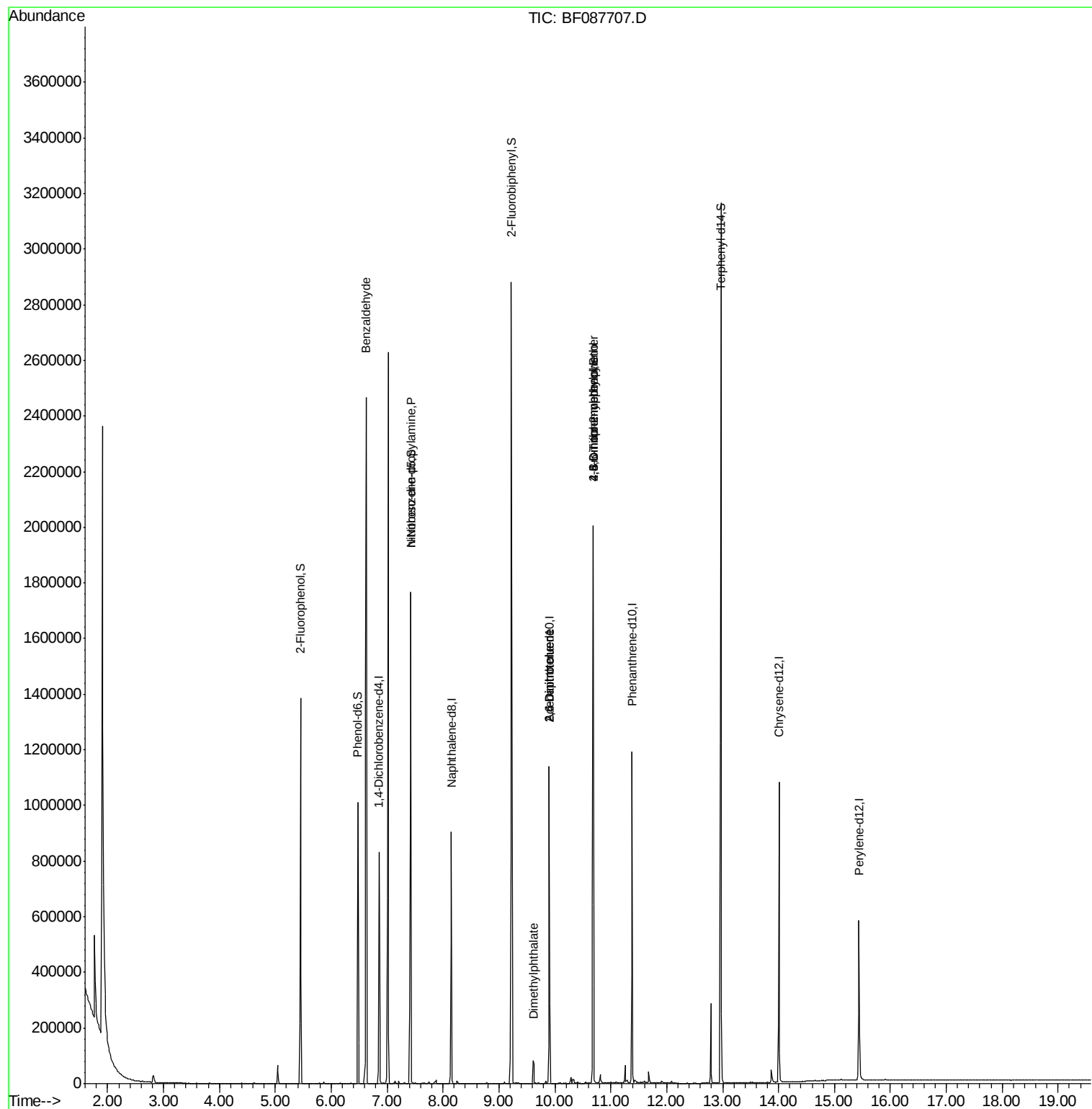
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	119277	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	509709	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	227309	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	443785	20.00	ng	0.00
75) Chrysene-d12	14.01	240	347087	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						
9) Benzaldehyde	6.63	77	18225	2.91	ng	# 71
19) n-Nitroso-di-n-propylamine	7.43	70	100110	17.32	ng	# 72
49) Dimethylphthalate	9.62	163	53195	3.22	ng	97
50) 2,6-Dinitrotoluene	9.90	165	29599	7.87	ng	# 39
56) 2,4-Dinitrotoluene	9.90	165	29601	6.18	ng	# 37
64) 4,6-Dinitro-2-methylphenol	10.68	198	421	2.18	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	15667	3.56	ng	# 1

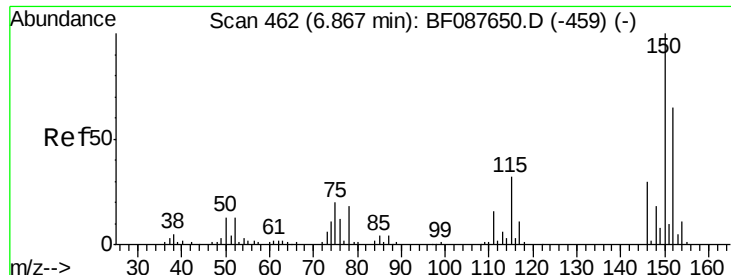
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 02:58:59 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



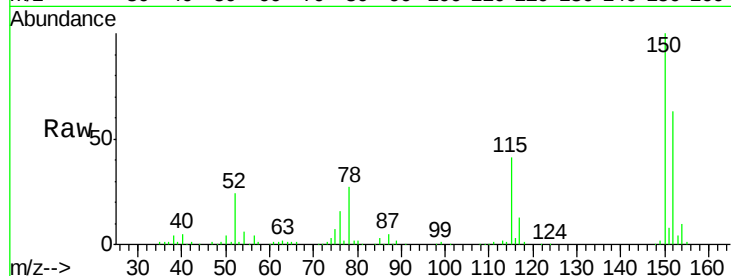


#1

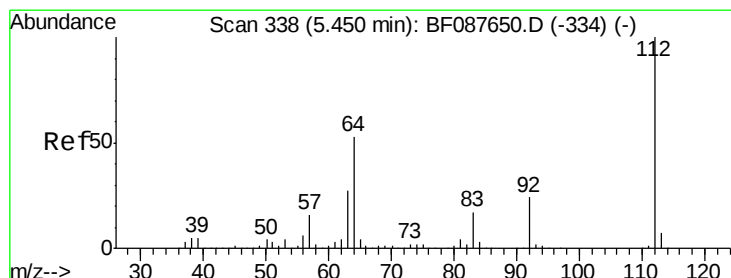
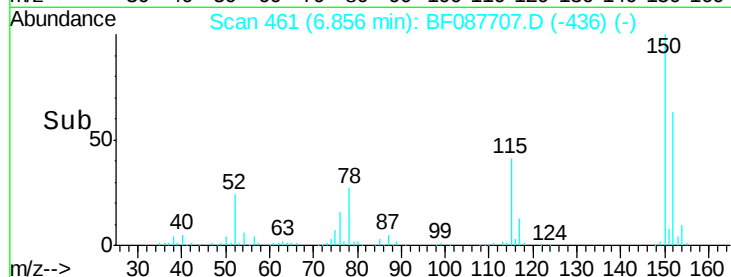
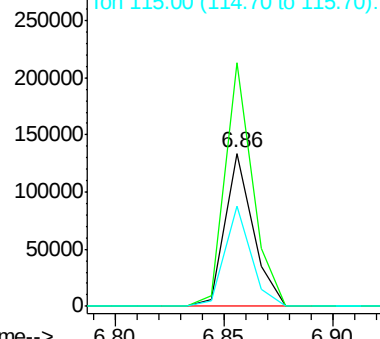
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF087707.D
Acq: 5 Jun 2016 14:49

Instrument :
BNA_F
ClientSampleId :
GW-2

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



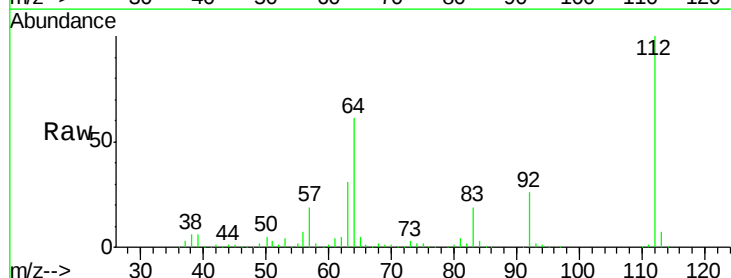
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



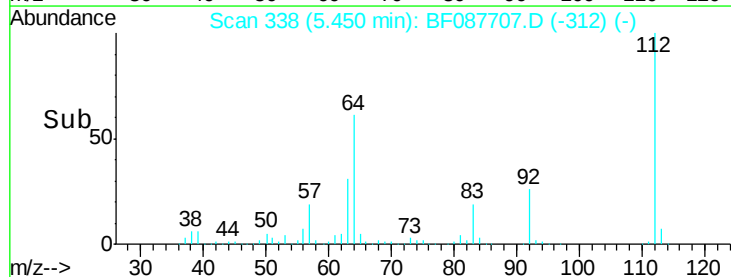
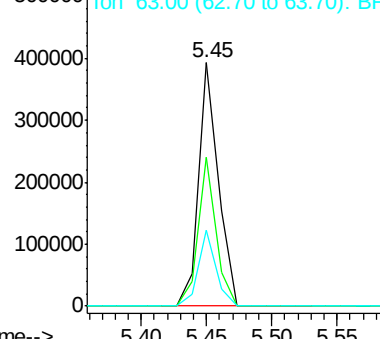
#5

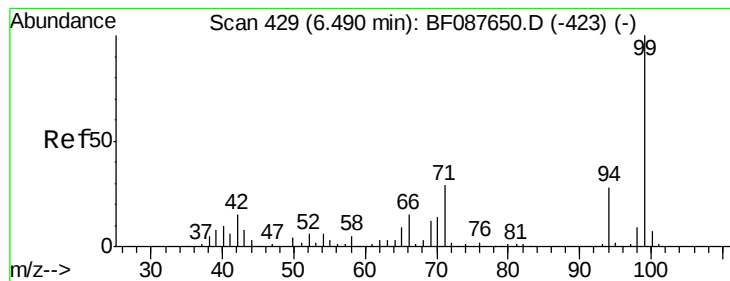
2-Fluorophenol
Concen: 55.83 ng
RT: 5.45 min Scan# 338
Delta R.T. -0.00 min
Lab File: BF087707.D
Acq: 5 Jun 2016 14:49

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

ClientSampleId :

GW-2

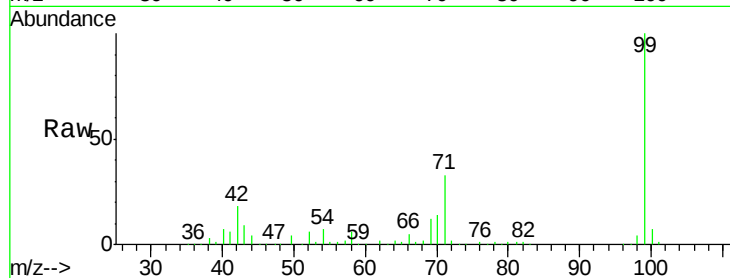
Tgt Ion: 99 Resp: 334391

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

500000

400000

300000

200000

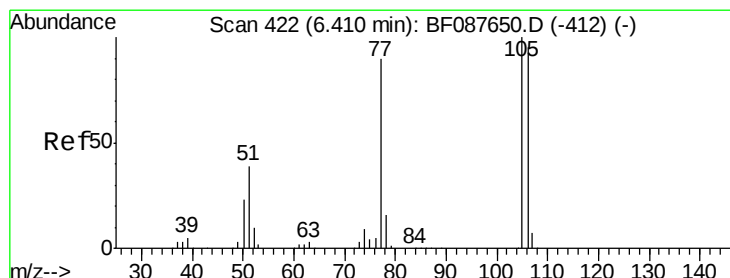
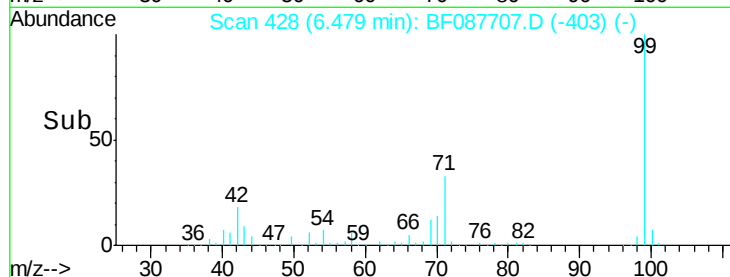
100000

0

6.48

6.40 6.45 6.50 6.55

Time-->



#9

Benzaldehyde

Concen: 2.91 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.22 min

Lab File: BF087707.D

Acq: 5 Jun 2016 14:49

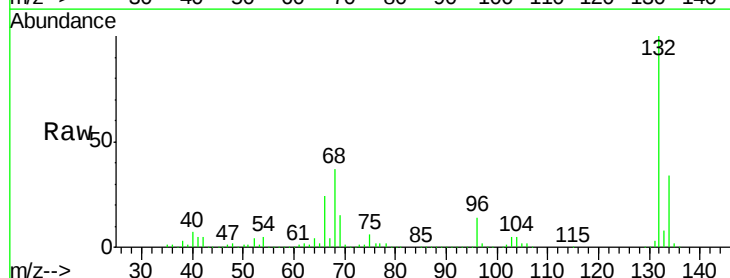
Tgt Ion: 77 Resp: 18225

Ion Ratio Lower Upper

77 100

105 82.7 90.6 130.6#

106 72.3 85.3 125.3#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

20000

15000

10000

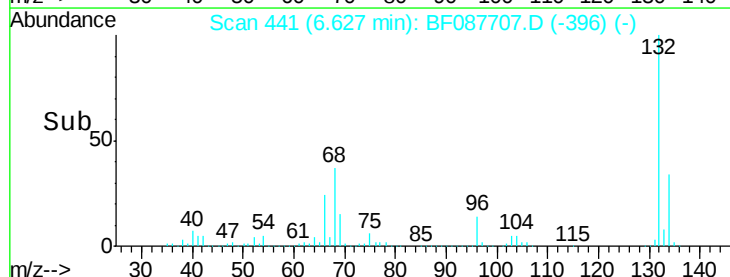
5000

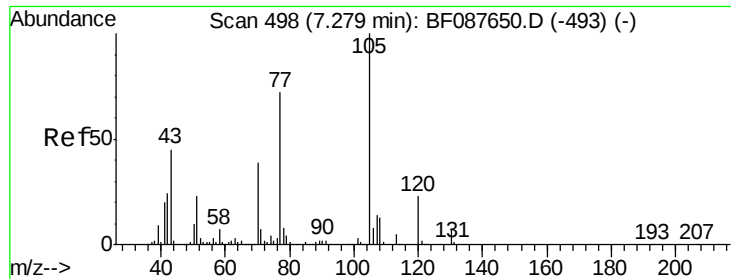
0

6.63

6.60 6.65

Time-->

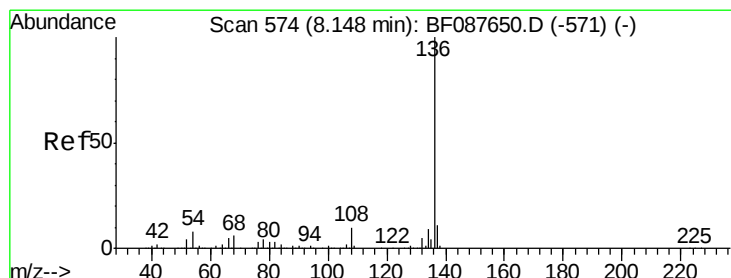
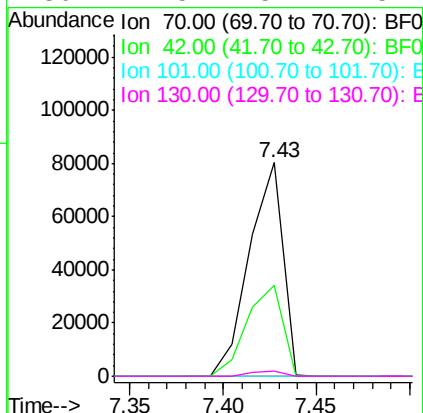
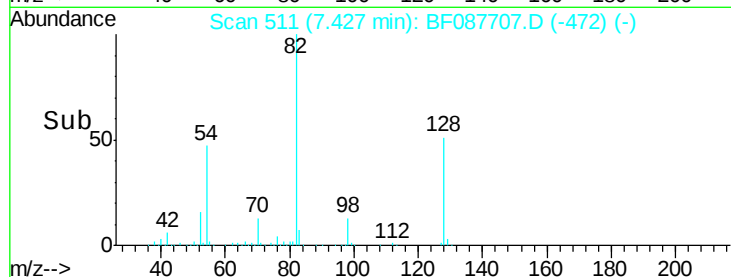
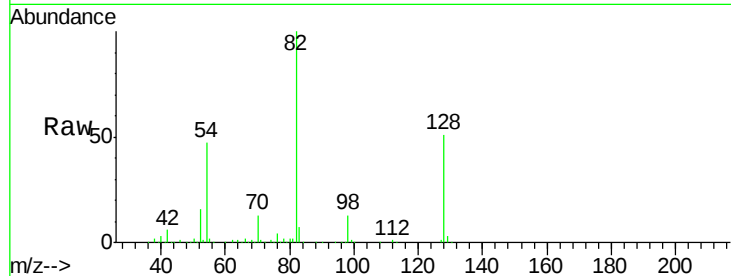




#19
n-Nitroso-di-n-propylamine
Concen: 17.32 ng
RT: 7.43 min Scan# 511
Delta R.T. 0.15 min
Lab File: BF087707.D
Acq: 5 Jun 2016 14:49

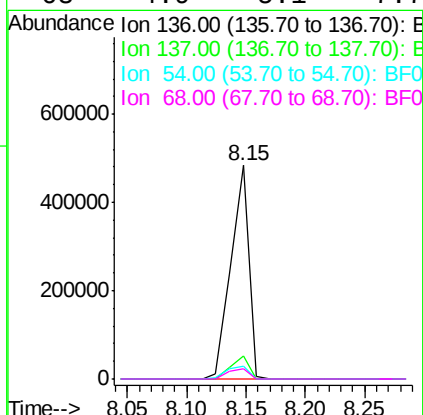
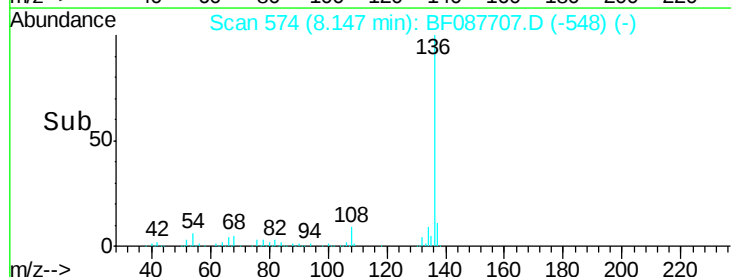
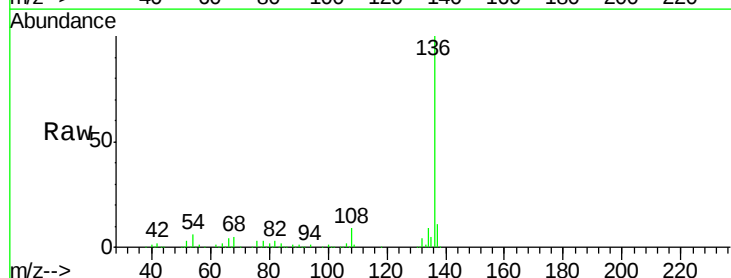
Instrument :
BNA_F
ClientSampleId :
GW-2

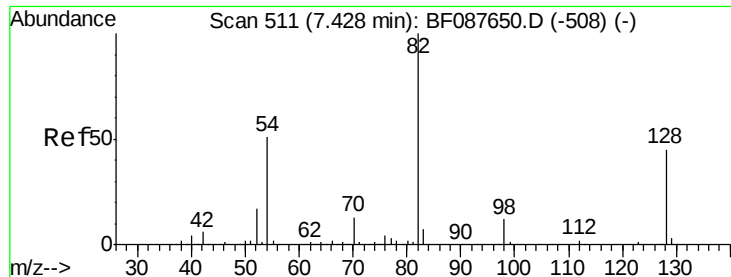
Tgt Ion: 70 Resp: 100110
Ion Ratio Lower Upper
70 100
42 42.3 49.6 74.4#
101 0.0 7.1 10.7#
130 2.5 15.4 23.2#



#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#





#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

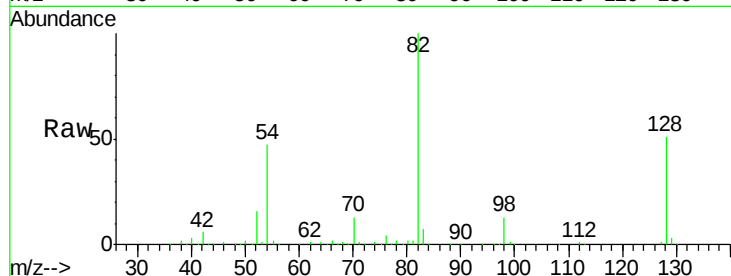
Tgt Ion: 82 Resp: 754856

Ion Ratio Lower Upper

82 100

128 51.3 35.9 53.9

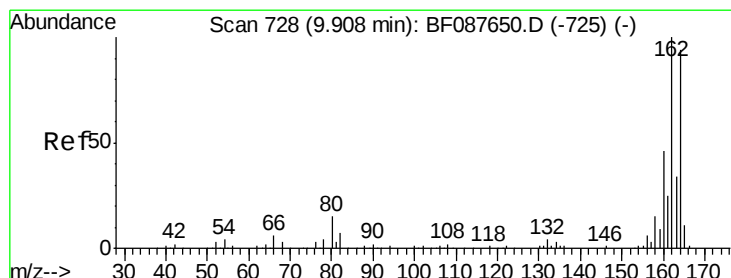
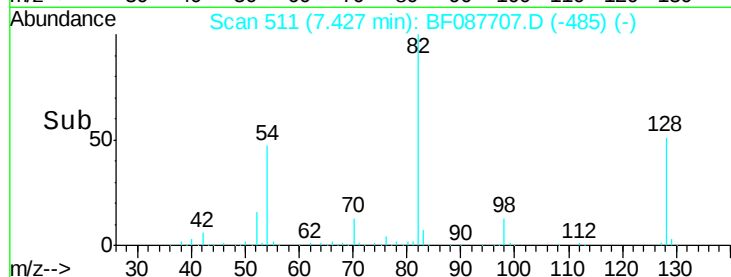
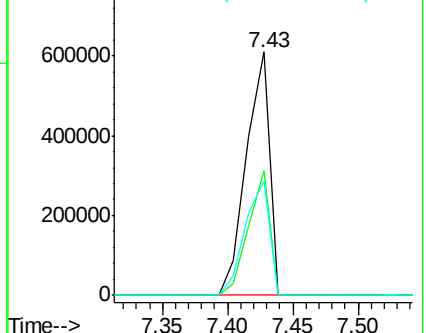
54 46.8 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

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

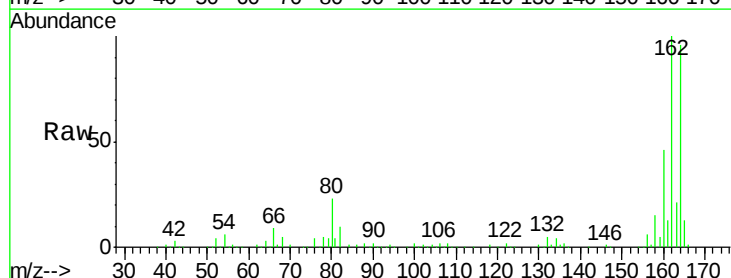
Tgt Ion: 164 Resp: 227309

Ion Ratio Lower Upper

164 100

162 104.5 85.4 128.2

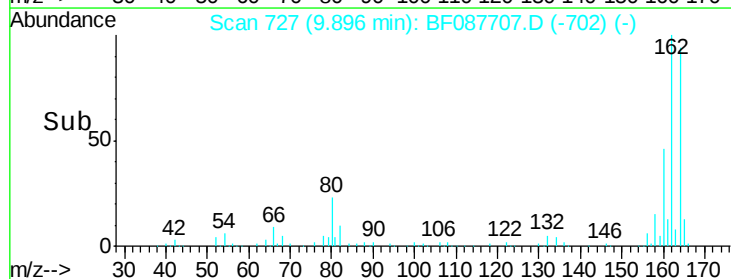
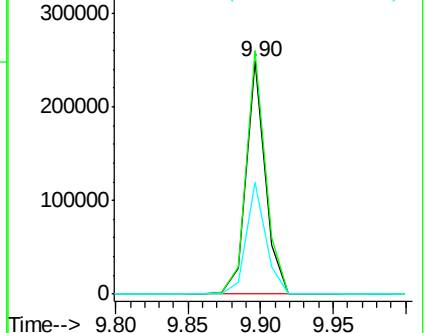
160 47.8 39.5 59.3

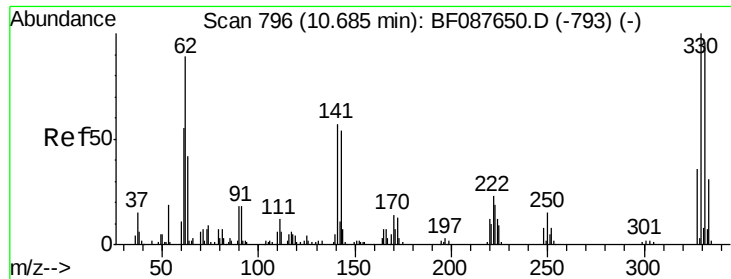


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

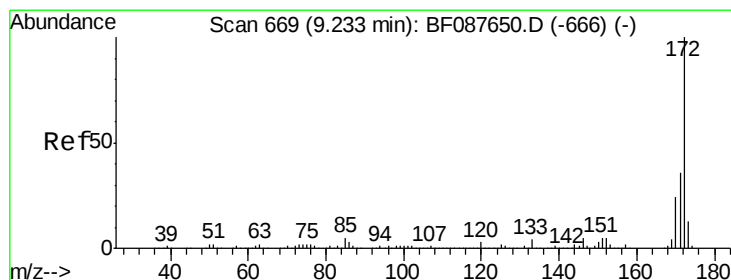
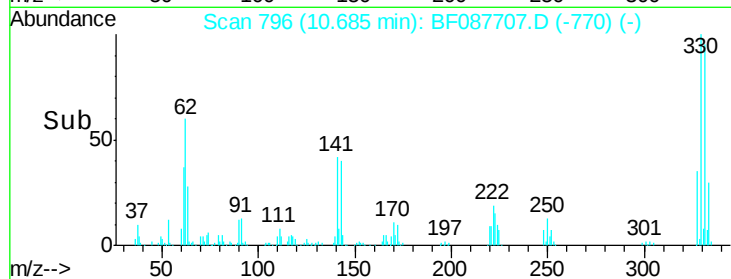
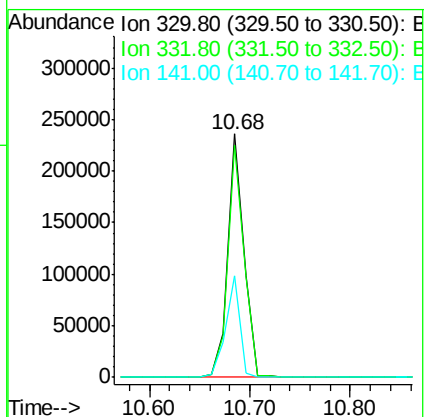
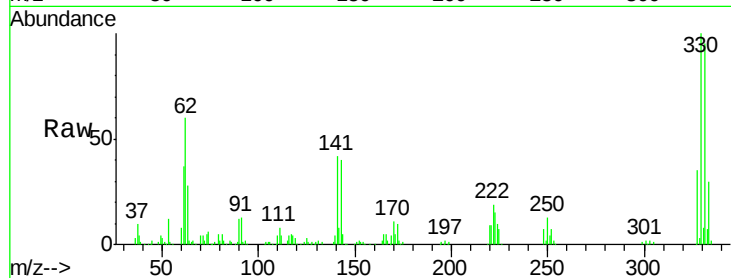




#41
 2,4,6-Tribromophenol
 Concen: 115.87 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF087707.D
 Acq: 5 Jun 2016 14:49

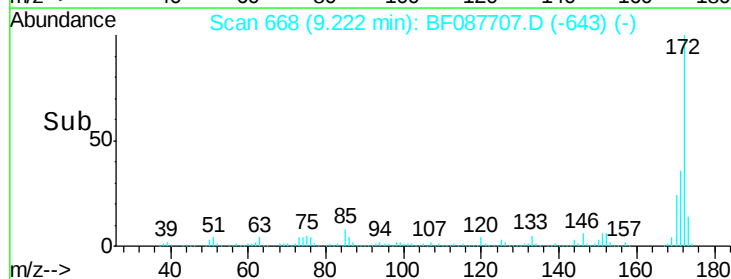
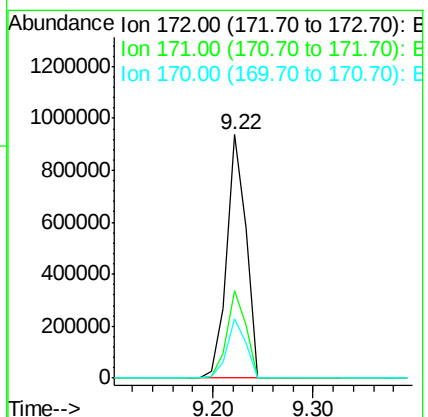
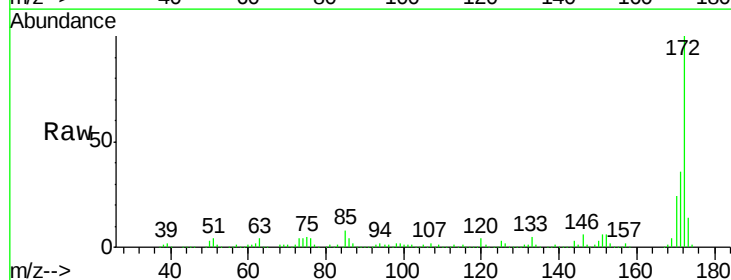
Instrument :
 BNA_F
 ClientSampleId :
 GW-2

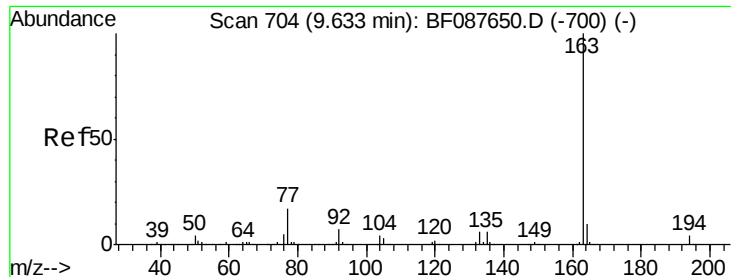
Tgt Ion:330 Resp: 264392
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 36.5 0.0 0.0#



#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:172 Resp: 1244017
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 24.3 19.2 28.8

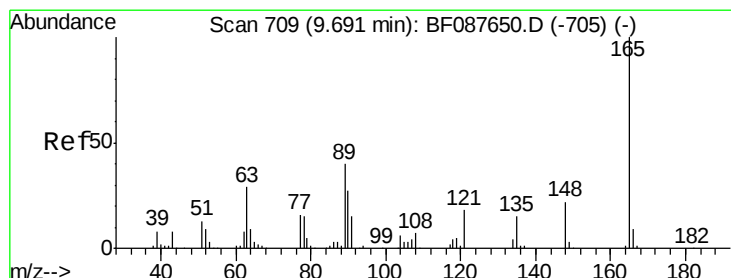
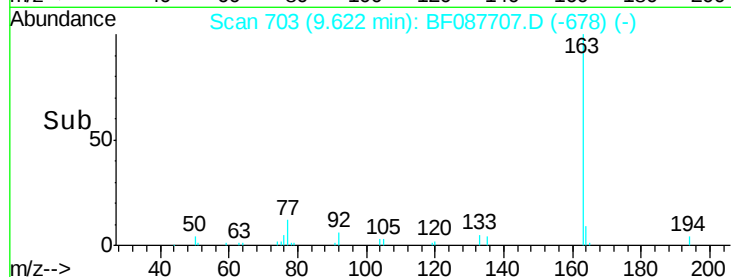
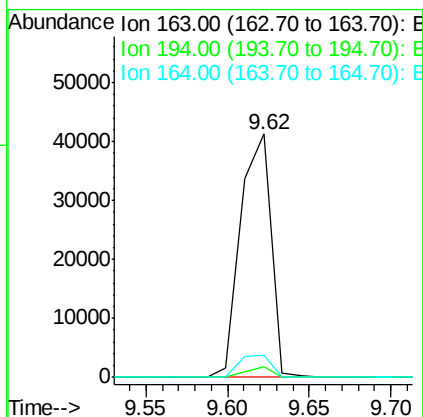
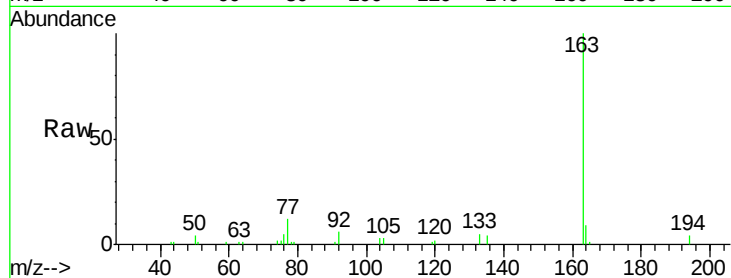




#49
Dimethylphthalate
Concen: 3.22 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF087707.D
Acq: 5 Jun 2016 14:49

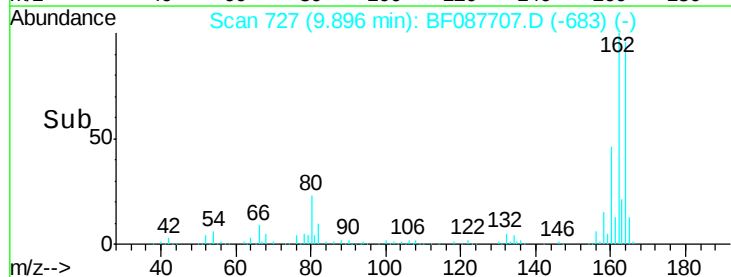
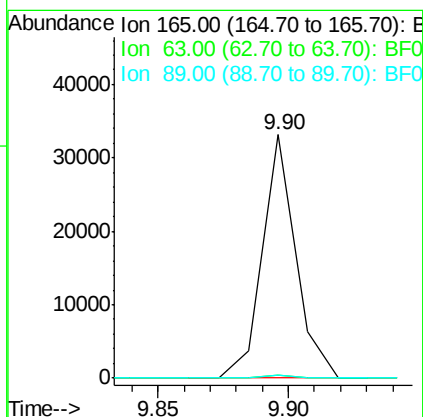
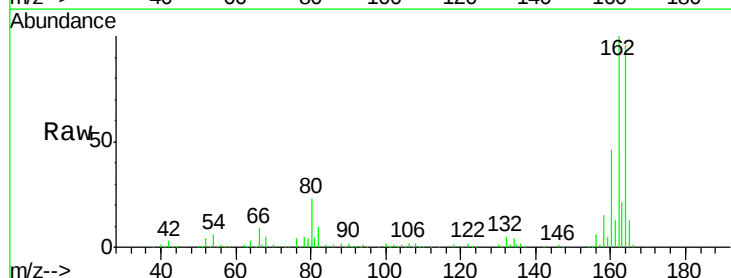
Instrument :
BNA_F
ClientSampled :
GW-2

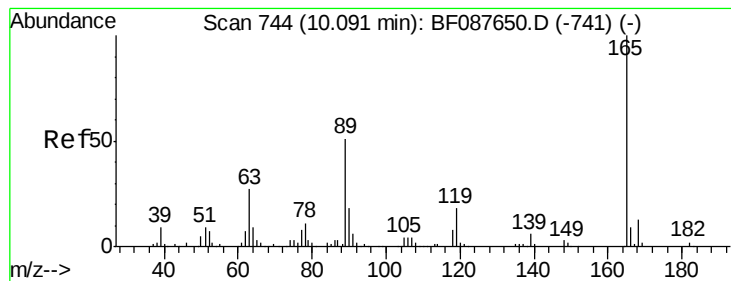
Tgt Ion:163 Resp: 53195
Ion Ratio Lower Upper
163 100
194 4.1 2.8 4.2
164 9.3 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 7.87 ng
RT: 9.90 min Scan# 727
Delta R.T. 0.21 min
Lab File: BF087707.D
Acq: 5 Jun 2016 14:49

Tgt Ion:165 Resp: 29599
Ion Ratio Lower Upper
165 100
63 1.3 28.1 42.1#
89 1.3 32.2 48.2#





#56

2,4-Dinitrotoluene

Concen: 6.18 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.19 min

Lab File: BF087707.D

Acq: 5 Jun 2016 14:49

Instrument :

BNA_F

ClientSampleId :

GW-2

Tgt Ion:165 Resp: 29601

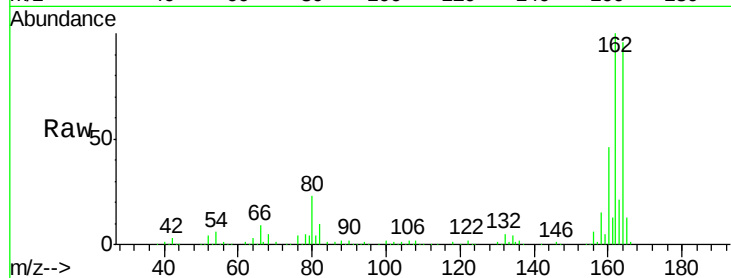
Ion Ratio Lower Upper

165 100

63 1.3 22.0 33.0#

89 1.3 41.1 61.7#

182 0.0 2.0 3.0#

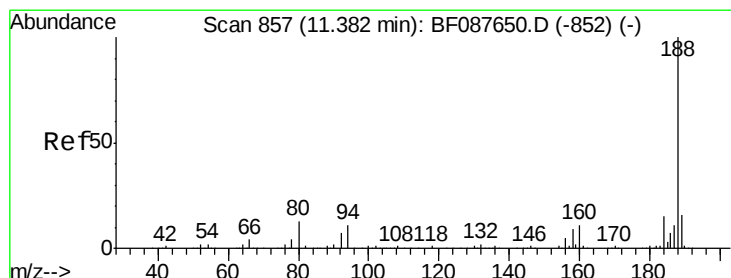
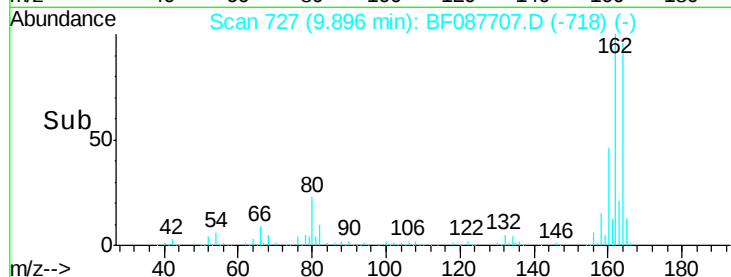
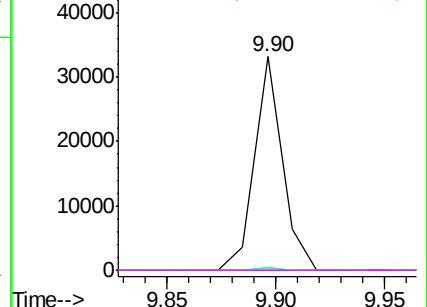


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): 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

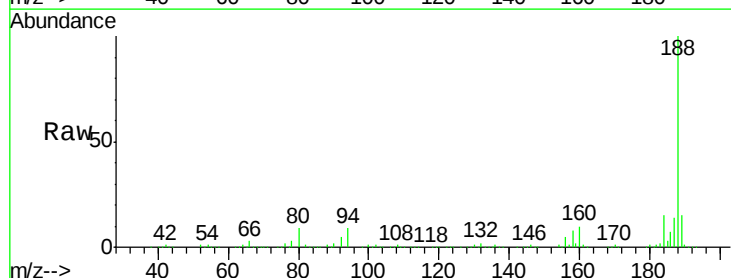
Tgt Ion:188 Resp: 443785

Ion Ratio Lower Upper

188 100

94 8.6 9.0 13.6#

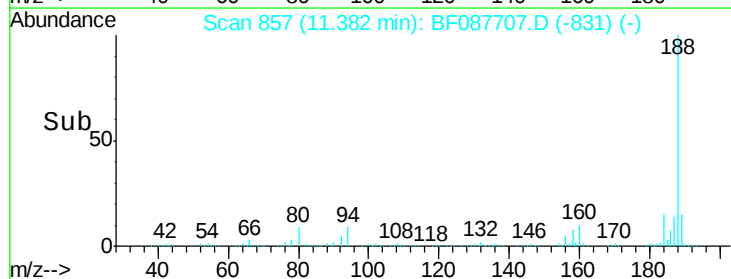
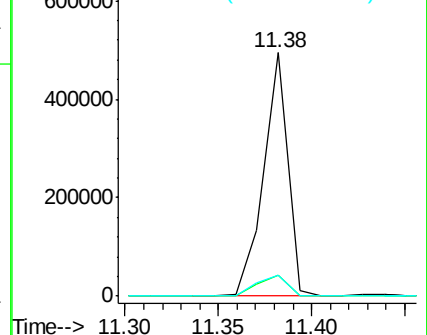
80 8.8 10.0 15.0#

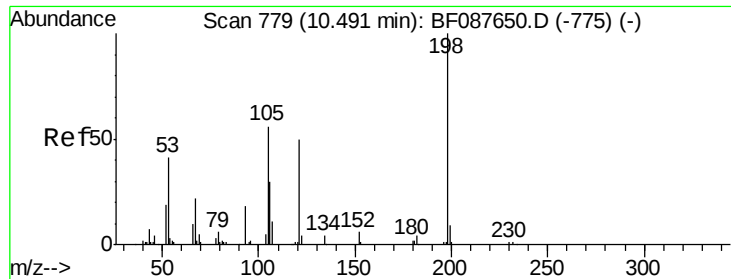


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

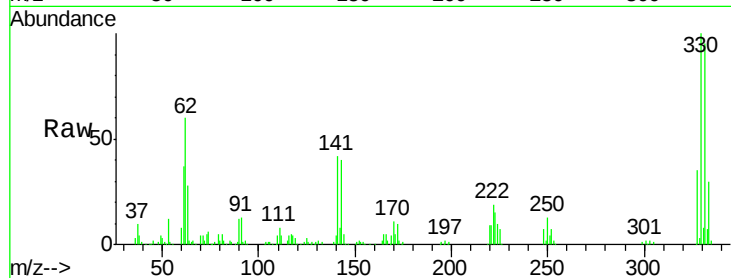




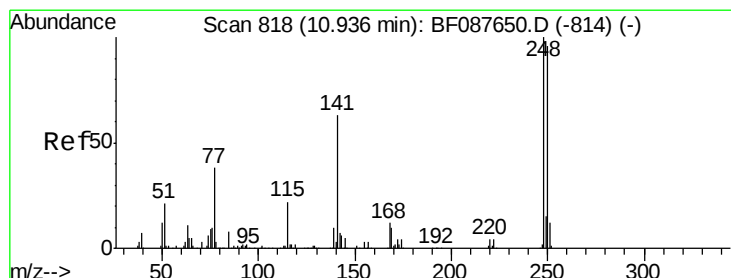
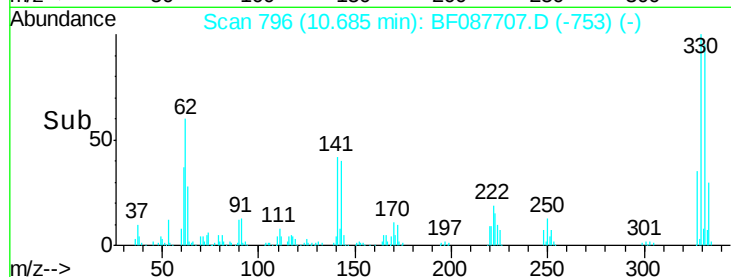
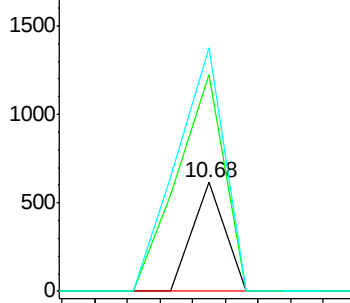
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.18 ng
 RT: 10.68 min Scan# 796
 Delta R.T. 0.19 min
 Lab File: BF087707.D
 Acq: 5 Jun 2016 14:49

Instrument :
 BNA_F
 ClientSampleId :
 GW-2

Tgt Ion:198 Resp: 421
 Ion Ratio Lower Upper
 198 100
 51 199.5 39.6 79.6#
 105 224.1 36.6 76.6#

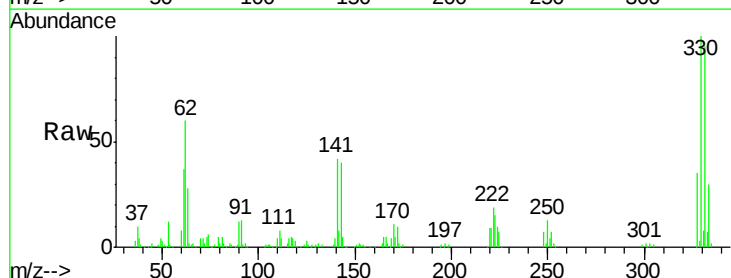


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

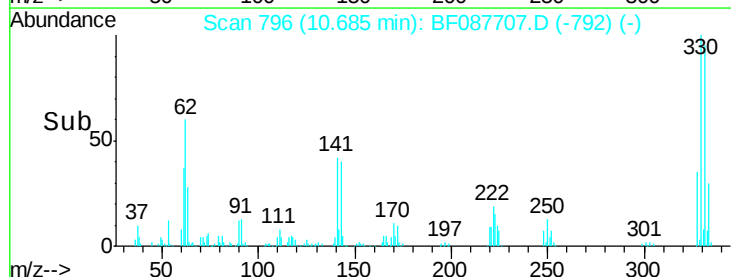
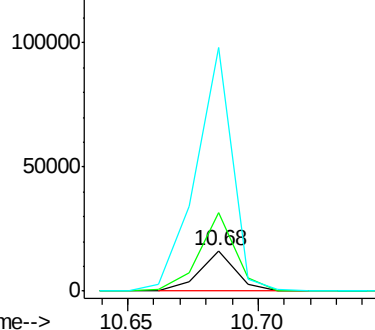


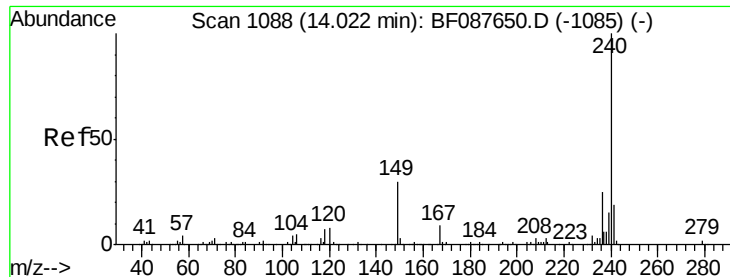
#66
 4-Bromophenyl-phenylether
 Concen: 3.56 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.25 min
 Lab File: BF087707.D
 Acq: 5 Jun 2016 14:49

Tgt Ion:248 Resp: 15667
 Ion Ratio Lower Upper
 248 100
 250 193.9 77.1 115.7#
 141 597.9 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: BF087707.D

Acq: 5 Jun 2016 14:49

Instrument :

BNA_F

ClientSampleId :

GW-2

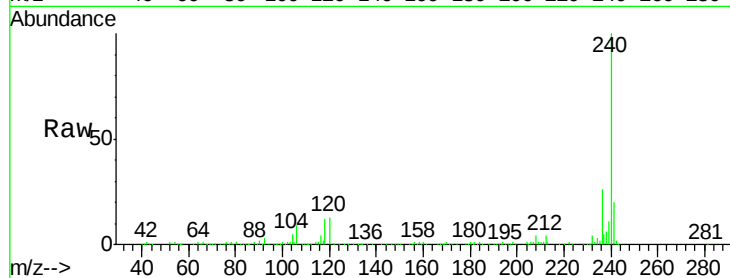
Tgt Ion:240 Resp: 347087

Ion Ratio Lower Upper

240 100

120 13.5 6.8 10.2#

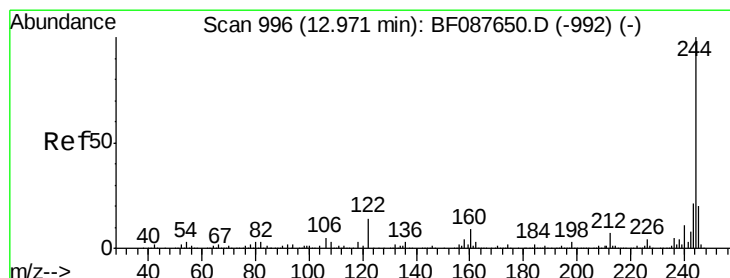
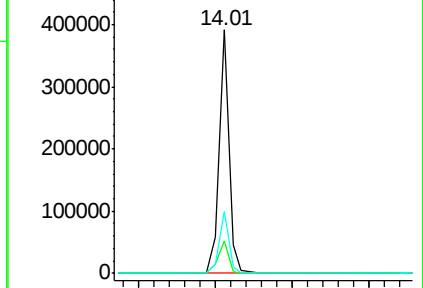
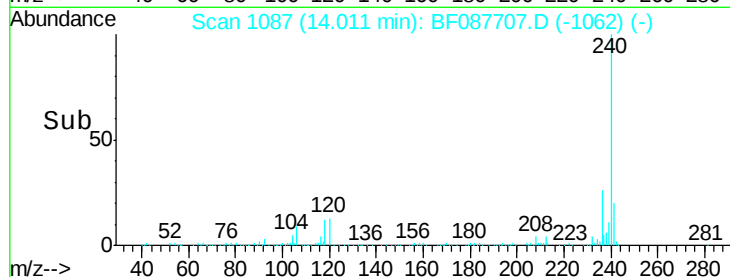
236 25.7 20.2 30.2



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

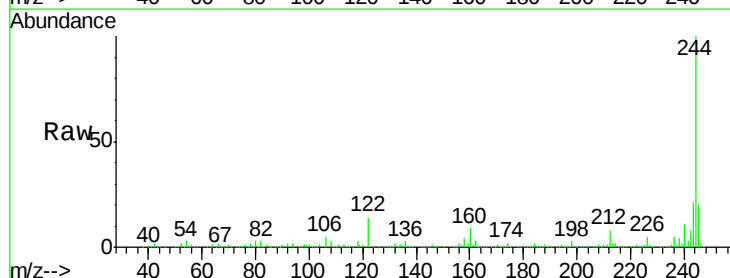
Tgt Ion:244 Resp: 1032339

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

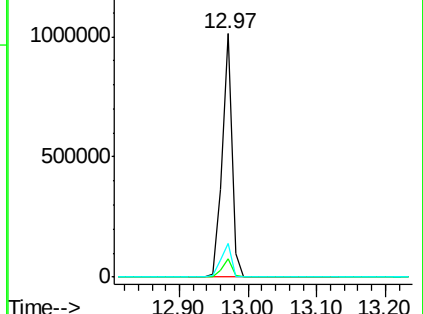
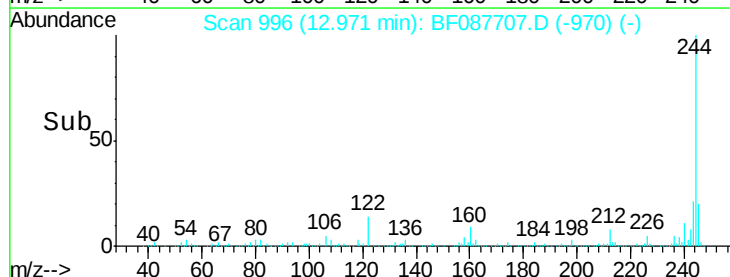
122 13.6 11.2 16.8

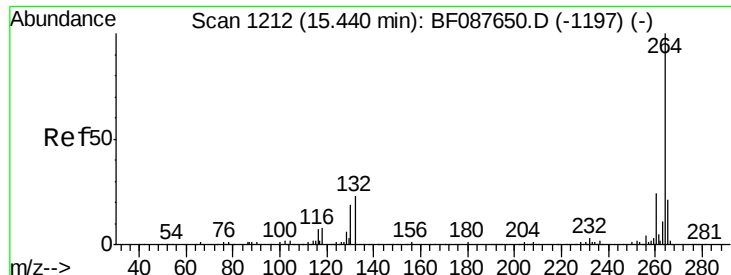


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

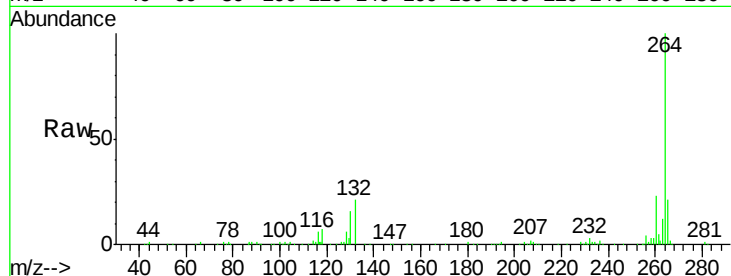




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF087707.D
Acq: 5 Jun 2016 14:49

Instrument :
BNA_F
ClientSampleId :
GW-2

Tgt Ion: 264 Resp: 259530
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.4 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

