

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060516\
 Data File : BF087708.D
 Acq On : 5 Jun 2016 15:19
 Operator : UM/SJ
 Sample : H3378-17
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-3

Quant Time: Jun 06 02:59:13 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

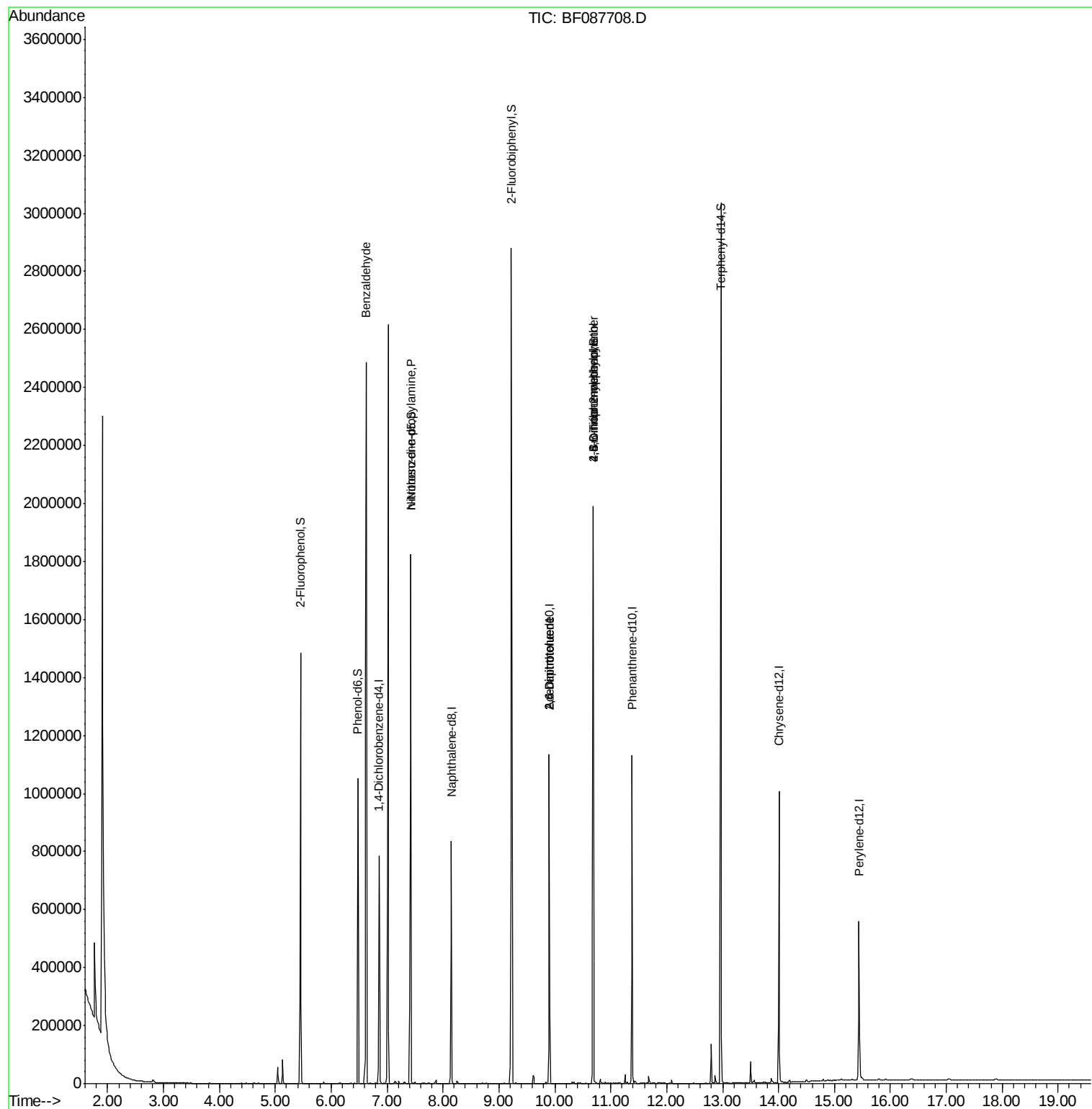
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	115254	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	478638	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	221693	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	428032	20.00	ng	0.00
75) Chrysene-d12	14.01	240	326318	20.00	ng	-0.01
86) Perylene-d12	15.44	264	246124	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	419594	58.84	ng	0.00
7) Phenol-d6	6.48	99	333582	37.30	ng	-0.01
23) Nitrobenzene-d5	7.43	82	762708	92.19	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	264301	118.77	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1250375	87.36	ng	-0.01
78) Terphenyl-d14	12.97	244	995152	74.42	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	18139	3.00	ng	# 73
19) n-Nitroso-di-n-propylamine	7.43	70	102859	18.42	ng	# 71
50) 2,6-Dinitrotoluene	9.90	165	28634	7.81	ng	# 39
56) 2,4-Dinitrotoluene	9.90	165	28635	6.13	ng	# 38
64) 4,6-Dinitro-2-methylphenol	10.68	198	411	2.18	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	15526	3.66	ng	# 1

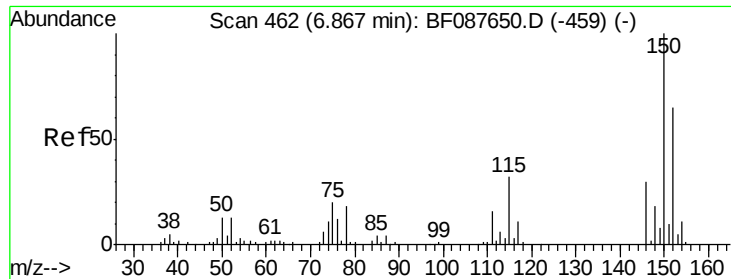
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060516\
Data File : BF087708.D
Acq On : 5 Jun 2016 15:19
Operator : UM/SJ
Sample : H3378-17
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-3

Quant Time: Jun 06 02:59:13 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



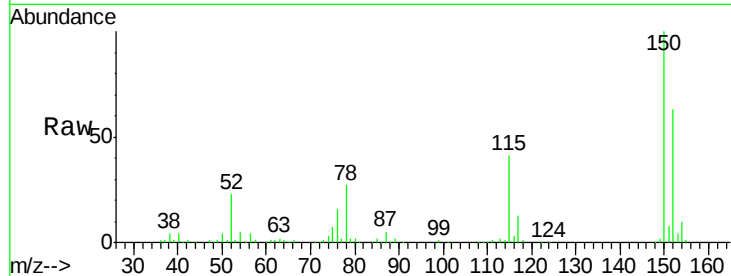


#1

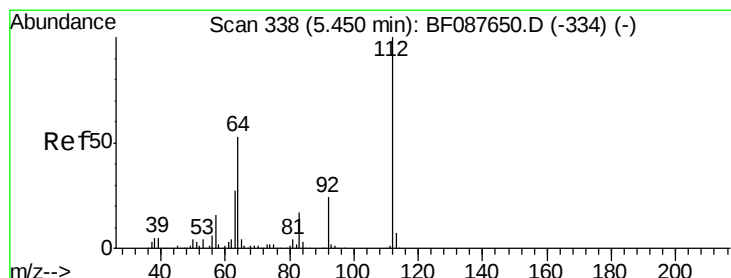
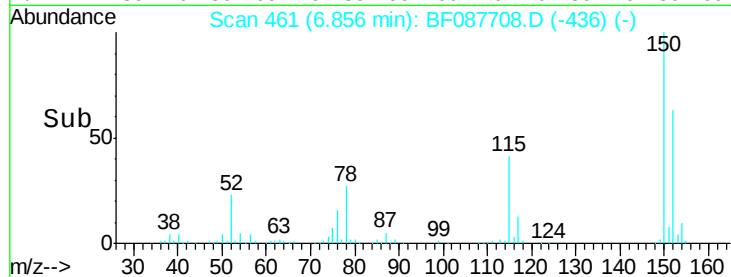
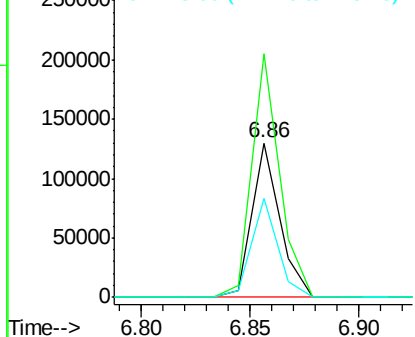
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF087708.D
 Acq: 5 Jun 2016 15:19

Instrument :
 BNA_F
 ClientSampleId :
 GW-3

Tgt Ion:152 Resp: 115254
 Ion Ratio Lower Upper
 152 100
 150 158.1 123.8 185.6
 115 64.1 39.6 59.4#



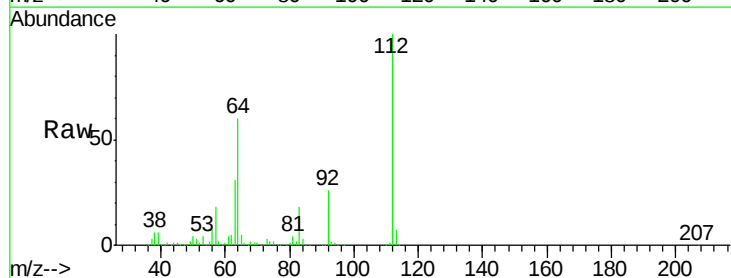
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



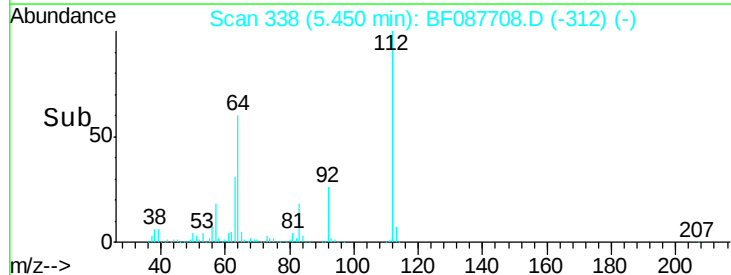
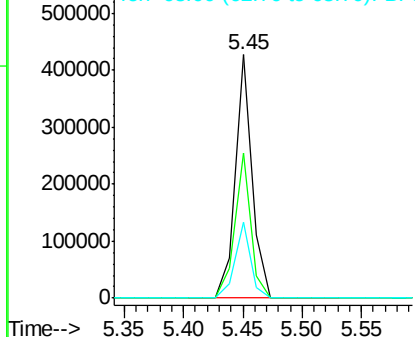
#5

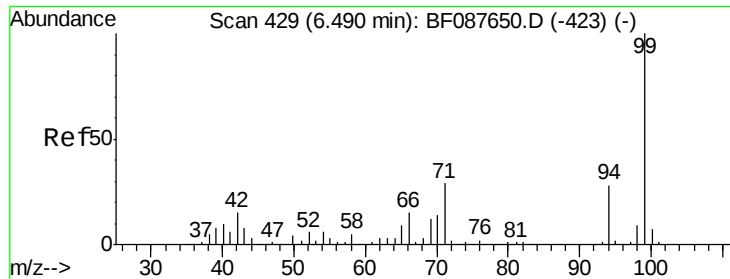
2-Fluorophenol
 Concen: 58.84 ng
 RT: 5.45 min Scan# 338
 Delta R.T. 0.00 min
 Lab File: BF087708.D
 Acq: 5 Jun 2016 15:19

Tgt Ion:112 Resp: 419594
 Ion Ratio Lower Upper
 112 100
 64 59.8 42.2 63.2
 63 31.3 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: 37.30 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087708.D

Acq: 5 Jun 2016 15:19

Instrument :

BNA_F

ClientSampled :

GW-3

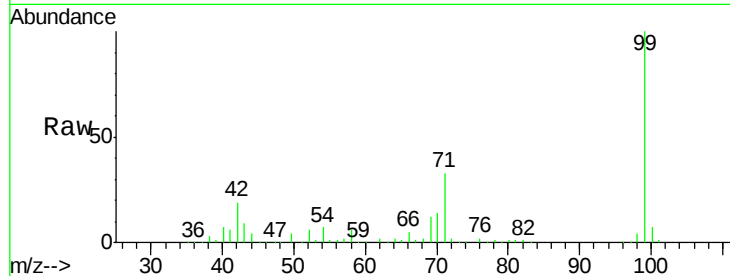
Tgt Ion: 99 Resp: 333582

Ion Ratio Lower Upper

99 100

42 18.6 12.2 18.2#

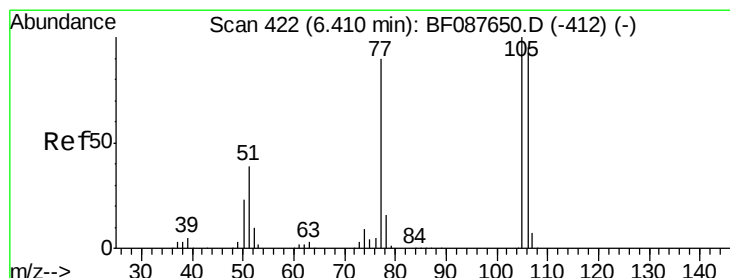
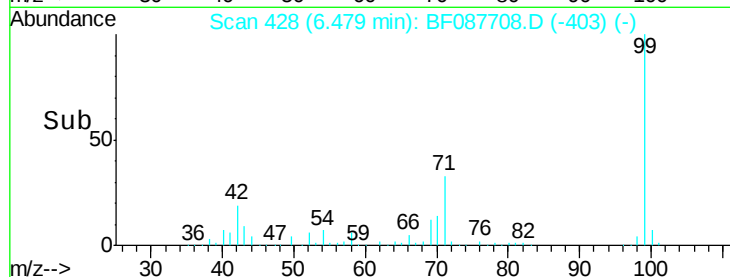
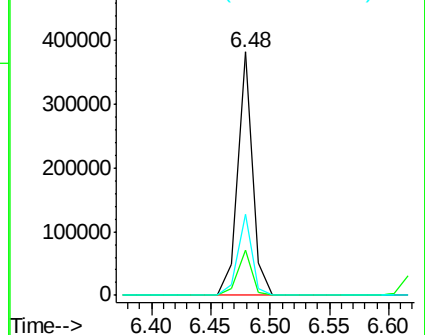
71 33.4 23.4 35.0



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: 3.00 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.22 min

Lab File: BF087708.D

Acq: 5 Jun 2016 15:19

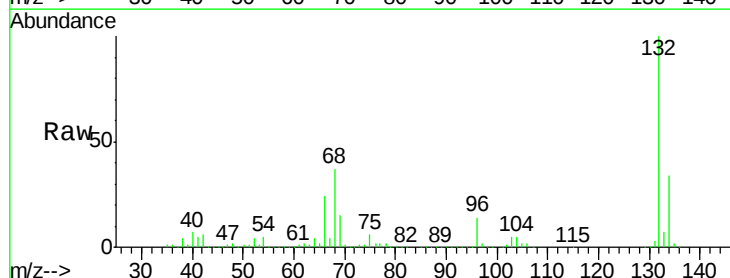
Tgt Ion: 77 Resp: 18139

Ion Ratio Lower Upper

77 100

105 83.1 90.6 130.6#

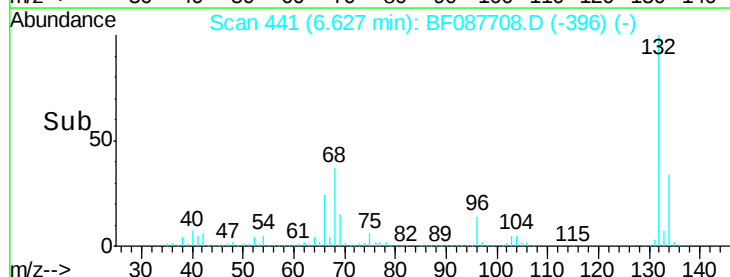
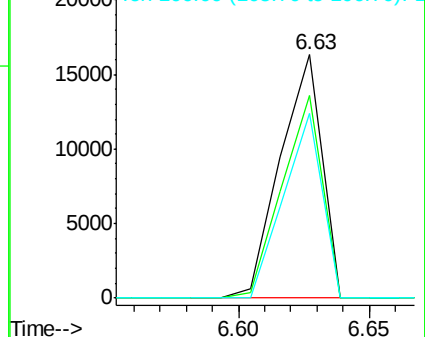
106 75.6 85.3 125.3#

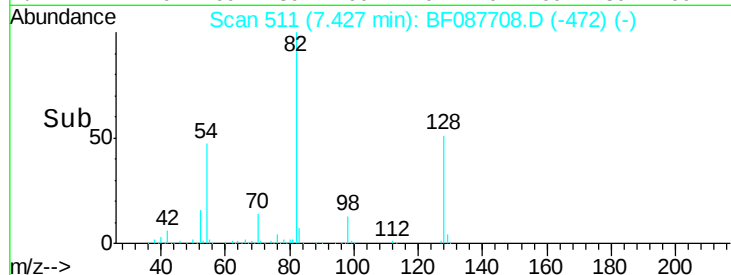
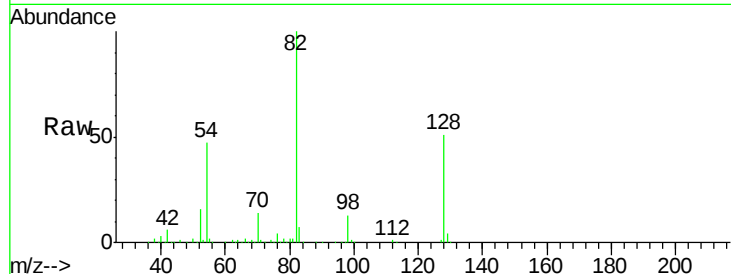
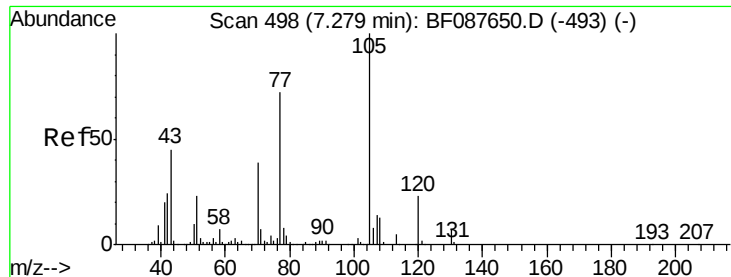


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

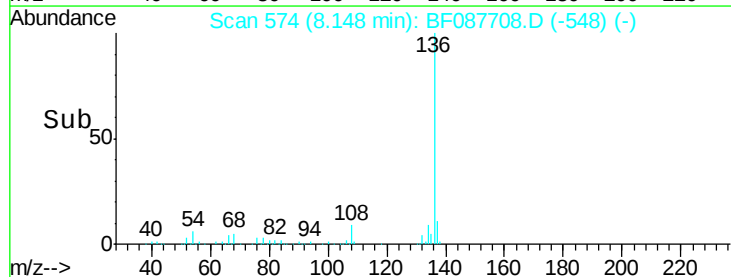
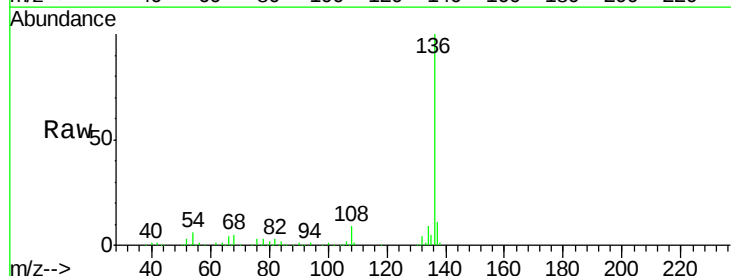
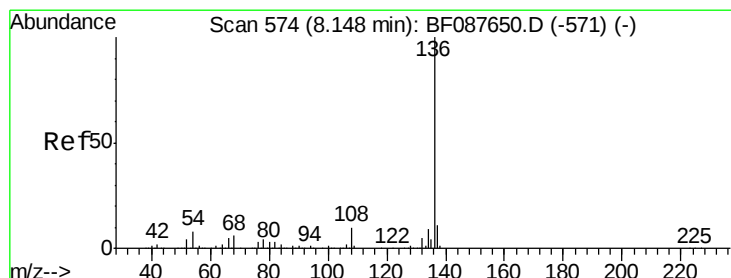
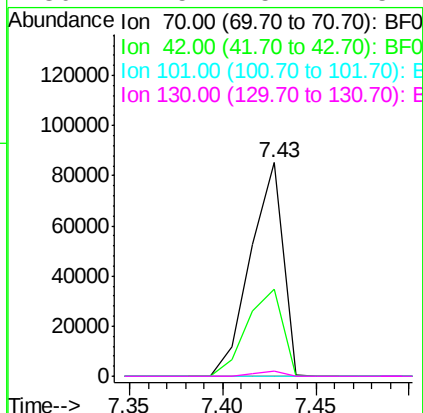




#19
n-Nitroso-di-n-propylamine
Concen: 18.42 ng
RT: 7.43 min Scan# 511
Delta R.T. 0.15 min
Lab File: BF087708.D
Acq: 5 Jun 2016 15:19

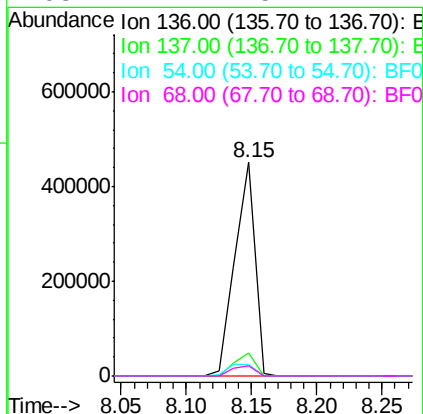
Instrument :
BNA_F
ClientSampleId :
GW-3

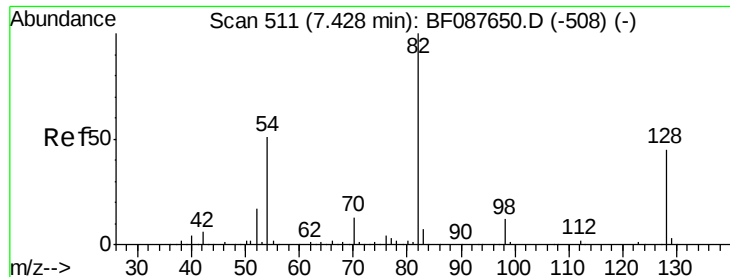
Tgt Ion:	70	Resp:	102859
Ion	Ratio	Lower	Upper
70	100		
42	40.9	49.6	74.4#
101	0.0	7.1	10.7#
130	2.5	15.4	23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF087708.D
Acq: 5 Jun 2016 15:19

Tgt Ion:	136	Resp:	478638
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	5.5	6.6	10.0#
68	4.7	5.1	7.7#





#23

Nitrobenzene-d5

Concen: 92.19 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF087708.D

Acq: 5 Jun 2016 15:19

Instrument :

BNA_F

ClientSampled :

GW-3

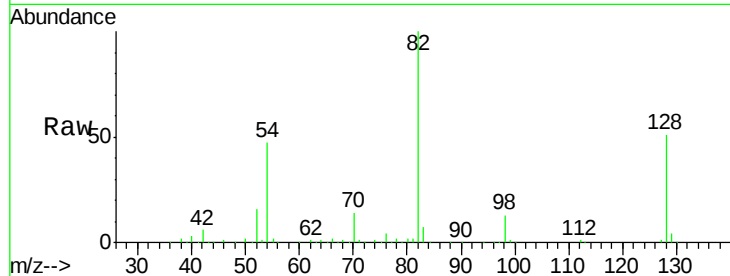
Tgt Ion: 82 Resp: 762708

Ion Ratio Lower Upper

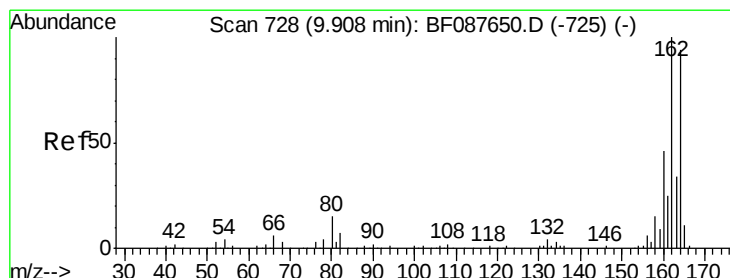
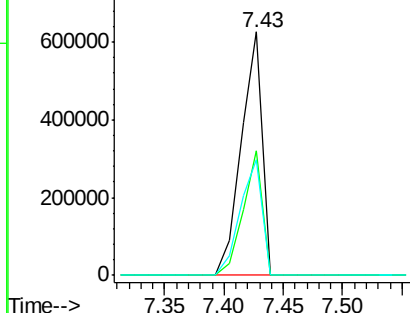
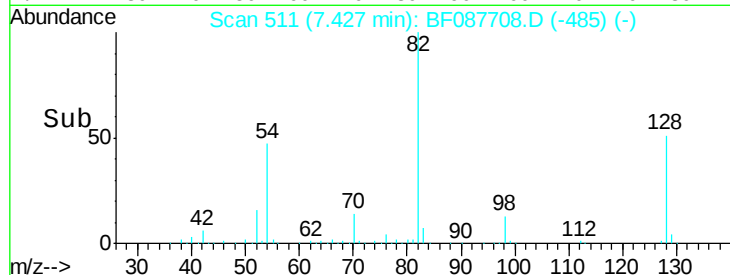
82 100

128 51.2 35.9 53.9

54 47.4 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: BF087708.D

Acq: 5 Jun 2016 15:19

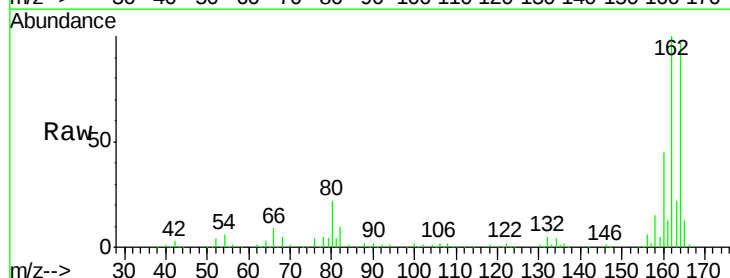
Tgt Ion: 164 Resp: 221693

Ion Ratio Lower Upper

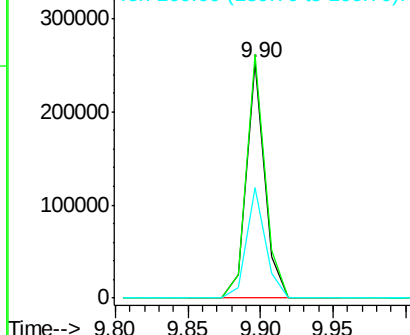
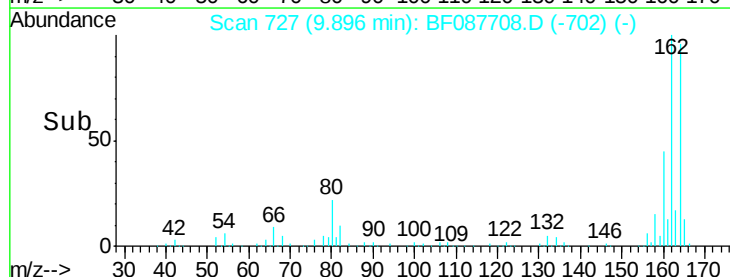
164 100

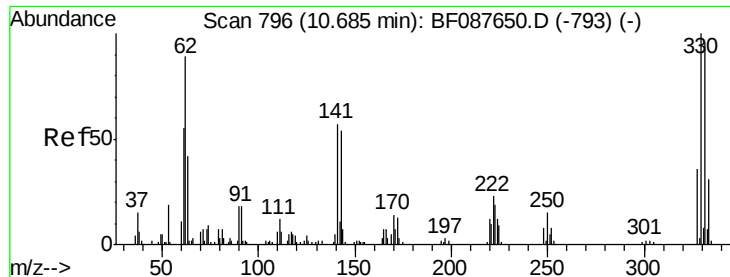
162 103.4 85.4 128.2

160 46.9 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

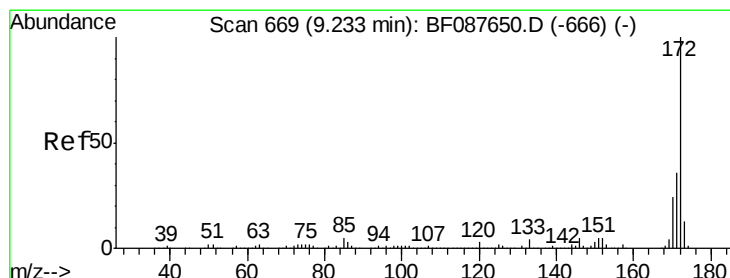
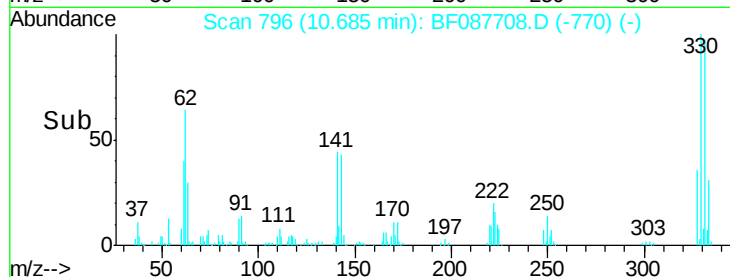
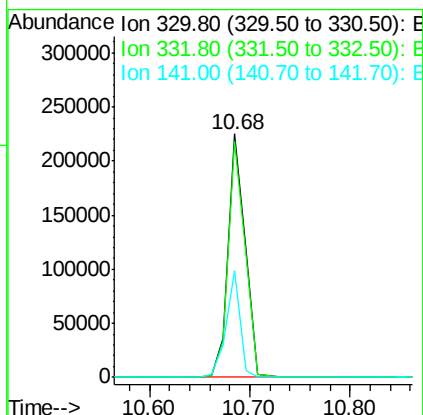
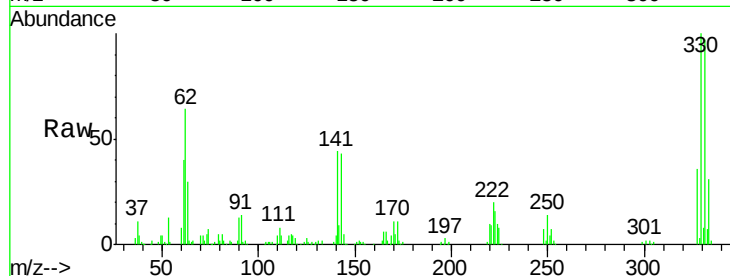




#41
 2,4,6-Tribromophenol
 Concen: 118.77 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF087708.D
 Acq: 5 Jun 2016 15:19

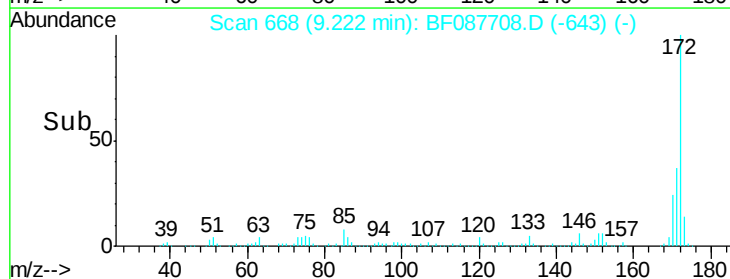
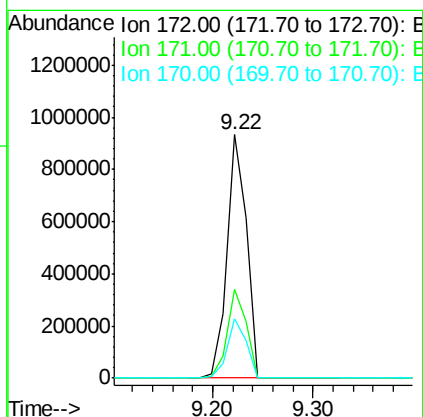
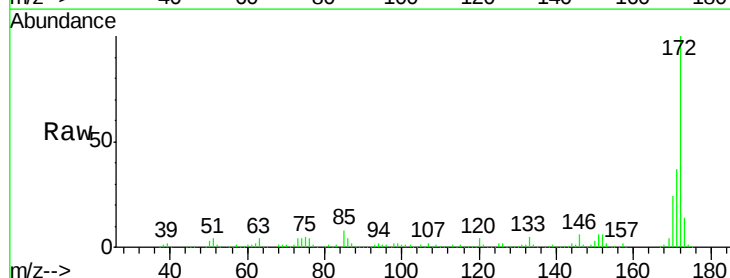
Instrument :
 BNA_F
 ClientSampleId :
 GW-3

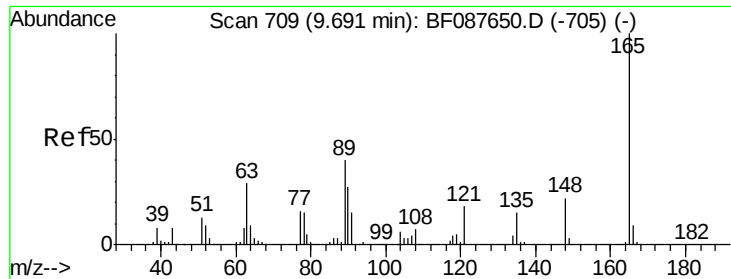
Tgt Ion: 330 Resp: 264301
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 35.7 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 87.36 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087708.D
 Acq: 5 Jun 2016 15:19

Tgt Ion: 172 Resp: 1250375
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.6 43.0
 170 24.5 19.2 28.8

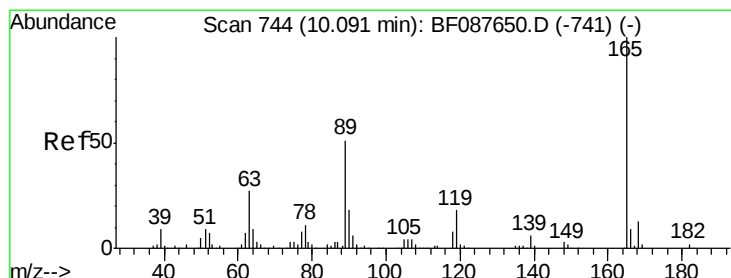
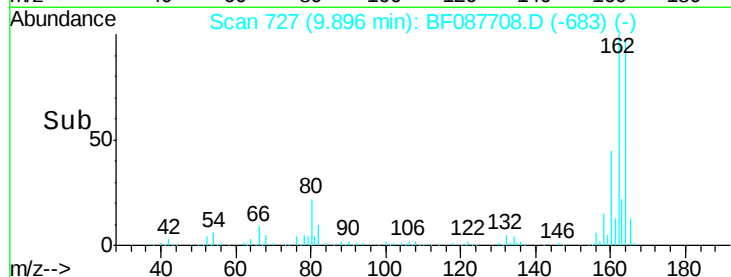
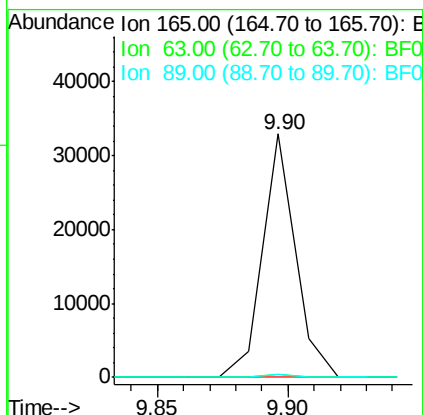
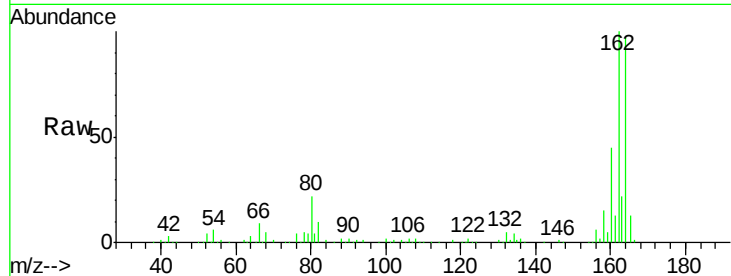




#50
 2,6-Dinitrotoluene
 Concen: 7.81 ng
 RT: 9.90 min Scan# 727
 Delta R.T. 0.21 min
 Lab File: BF087708.D
 Acq: 5 Jun 2016 15:19

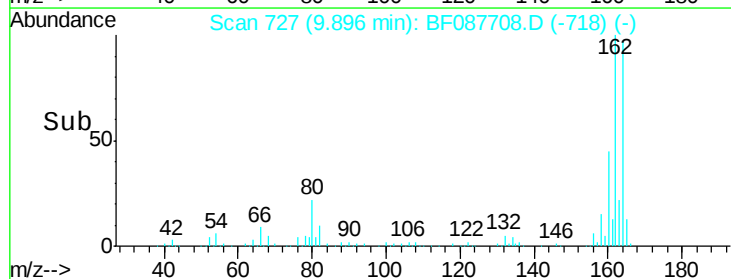
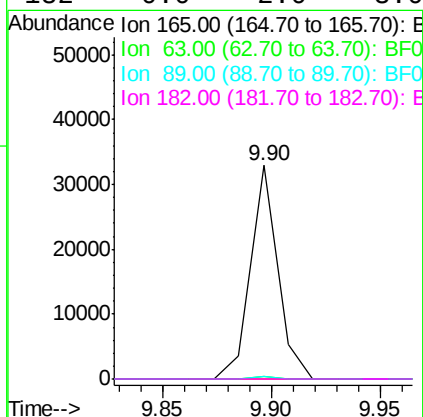
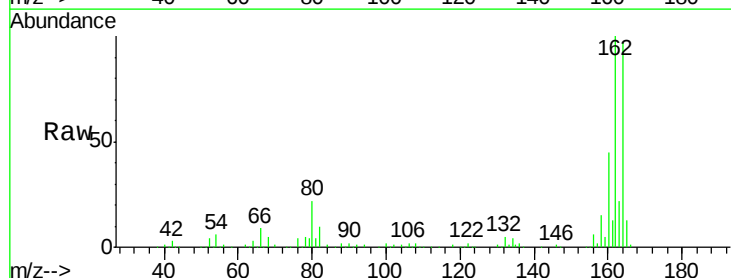
Instrument :
 BNA_F
 ClientSampleId :
 GW-3

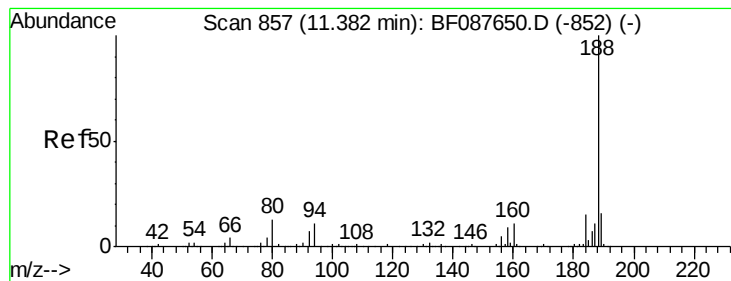
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	28634		
63	1.4	28.1	42.1#	
89	1.3	32.2	48.2#	



#56
 2,4-Dinitrotoluene
 Concen: 6.13 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.19 min
 Lab File: BF087708.D
 Acq: 5 Jun 2016 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	28635		
63	1.4	22.0	33.0#	
89	1.3	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: BF087708.D

Acq: 5 Jun 2016 15:19

Instrument :

BNA_F

ClientSampleId :

GW-3

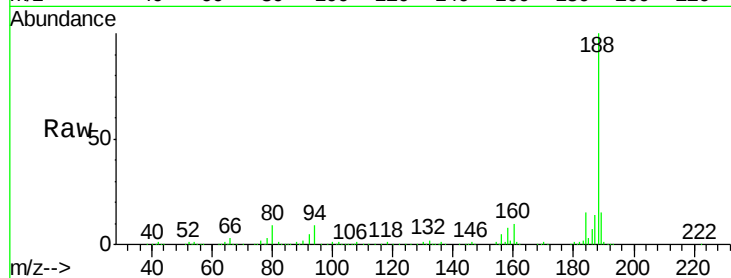
Tgt Ion:188 Resp: 428032

Ion Ratio Lower Upper

188 100

94 8.8 9.0 13.6#

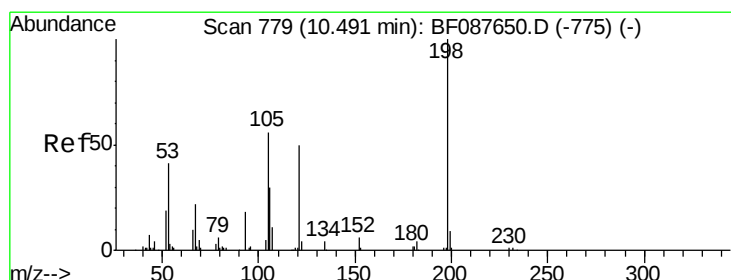
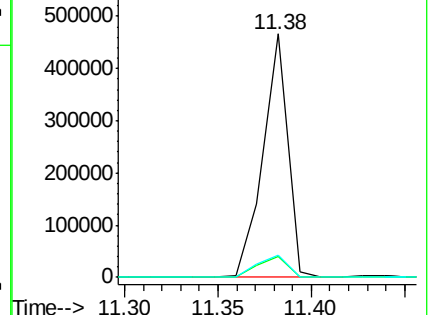
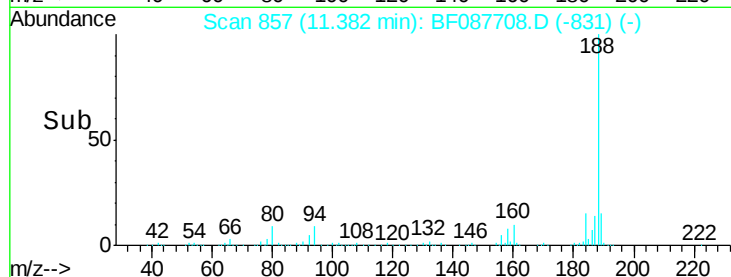
80 9.0 10.0 15.0#



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: BF087708.D

Acq: 5 Jun 2016 15:19

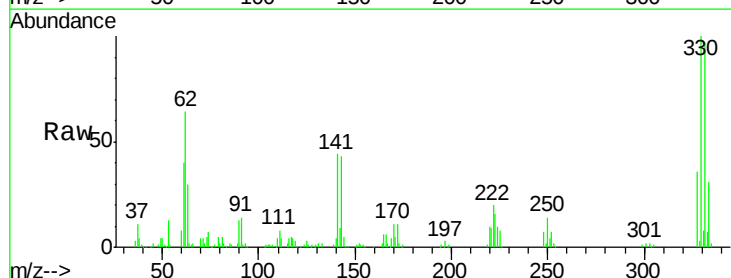
Tgt Ion:198 Resp: 411

Ion Ratio Lower Upper

198 100

51 194.3 39.6 79.6#

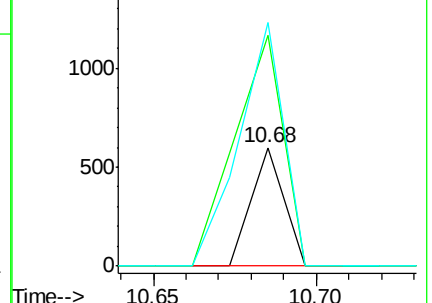
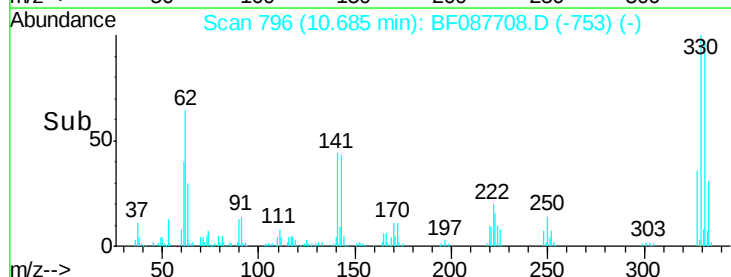
105 205.2 36.6 76.6#

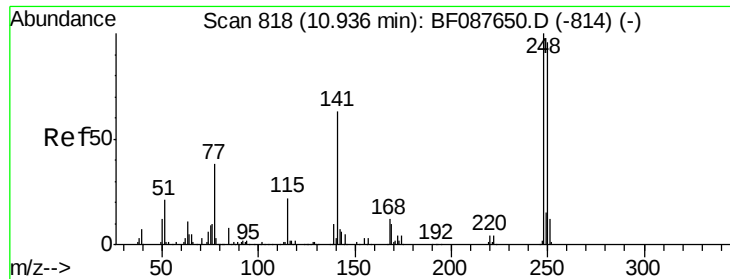


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

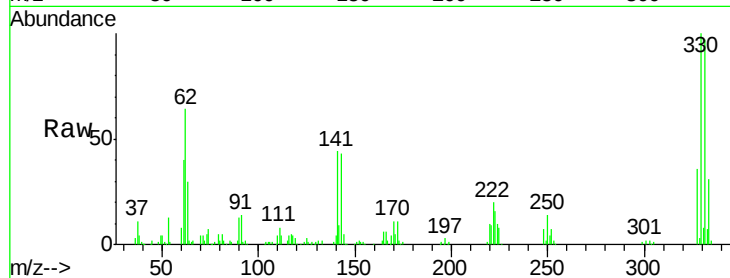




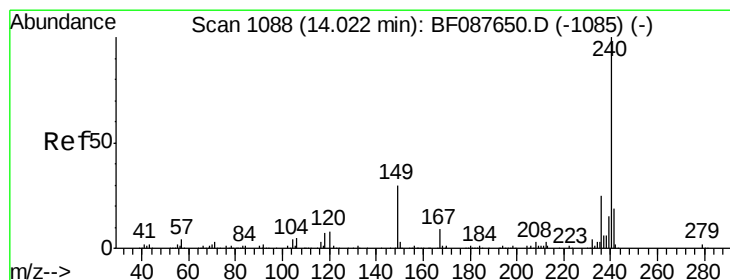
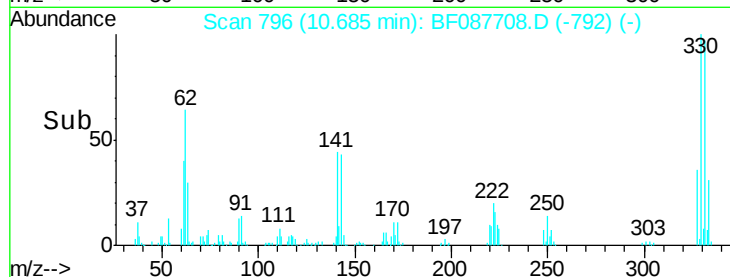
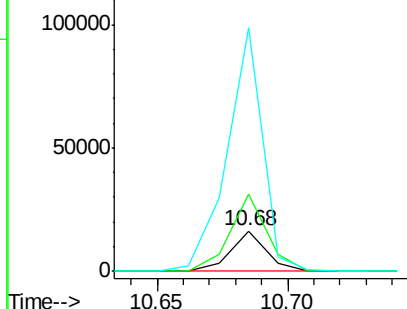
#66
 4-Bromophenyl-phenylether
 Concen: 3.66 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.25 min
 Lab File: BF087708.D
 Acq: 5 Jun 2016 15:19

Instrument :
 BNA_F
 ClientSampled :
 GW-3

Tgt Ion:248 Resp: 15526
 Ion Ratio Lower Upper
 248 100
 250 191.0 77.1 115.7#
 141 606.7 50.6 76.0#

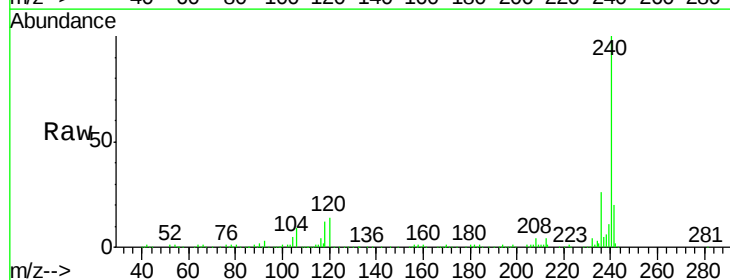


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

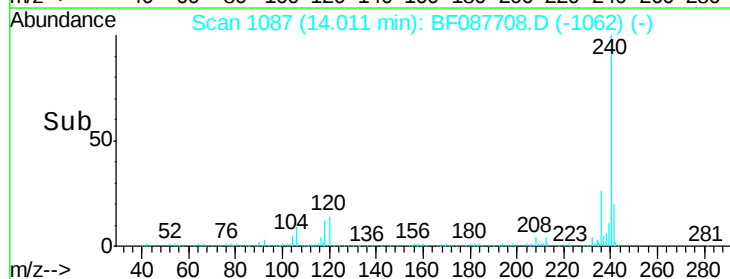
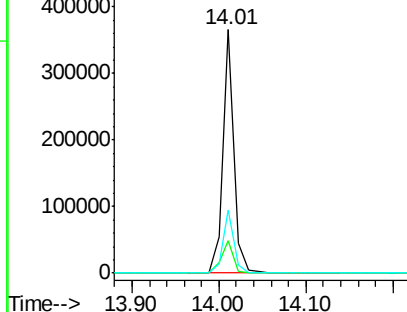


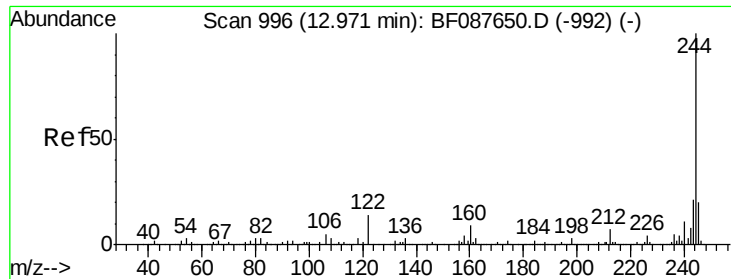
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF087708.D
 Acq: 5 Jun 2016 15:19

Tgt Ion:240 Resp: 326318
 Ion Ratio Lower Upper
 240 100
 120 13.5 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

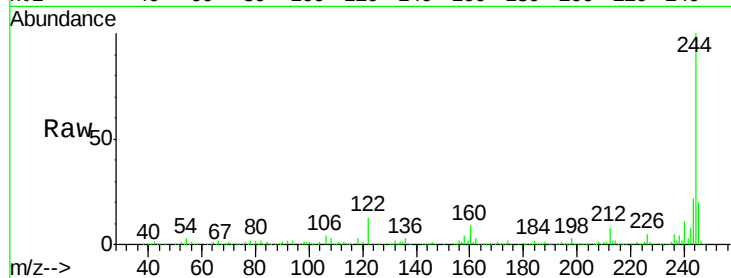




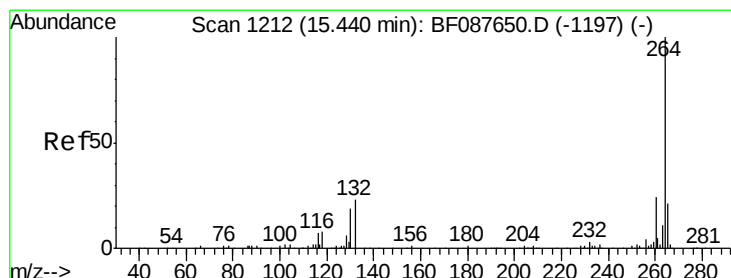
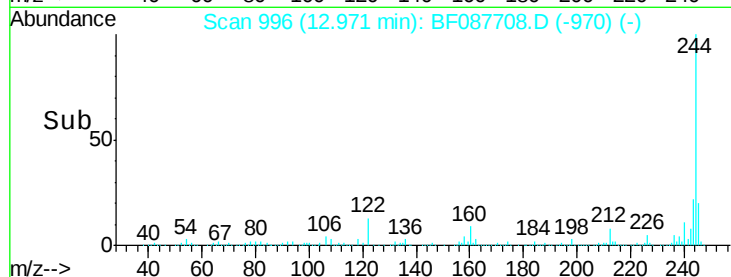
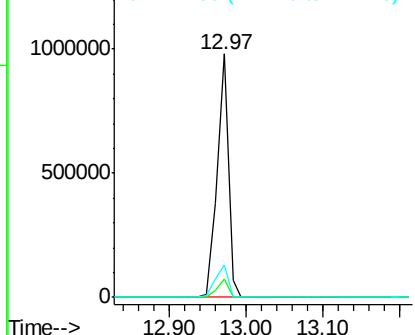
#78
 Terphenyl-d14
 Concen: 74.42 ng
 RT: 12.97 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF087708.D
 Acq: 5 Jun 2016 15:19

Instrument :
 BNA_F
 ClientSampleId :
 GW-3

Tgt Ion:244 Resp: 995152
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 13.3 11.2 16.8

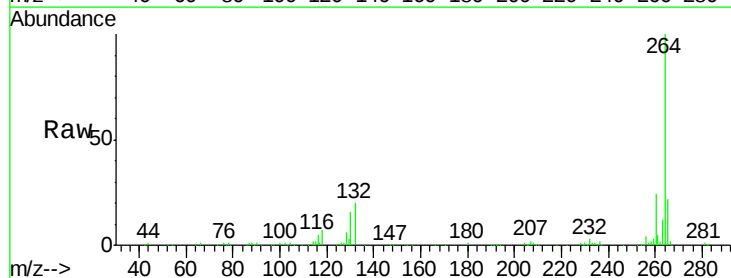


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF087708.D
 Acq: 5 Jun 2016 15:19

Tgt Ion:264 Resp: 246124
 Ion Ratio Lower Upper
 264 100
 260 23.6 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

