

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
 Data File : BF087690.D
 Acq On : 5 Jun 2016 5:40
 Operator : UM/SJ
 Sample : H3344-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Quant Time: Jun 05 06:33:09 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

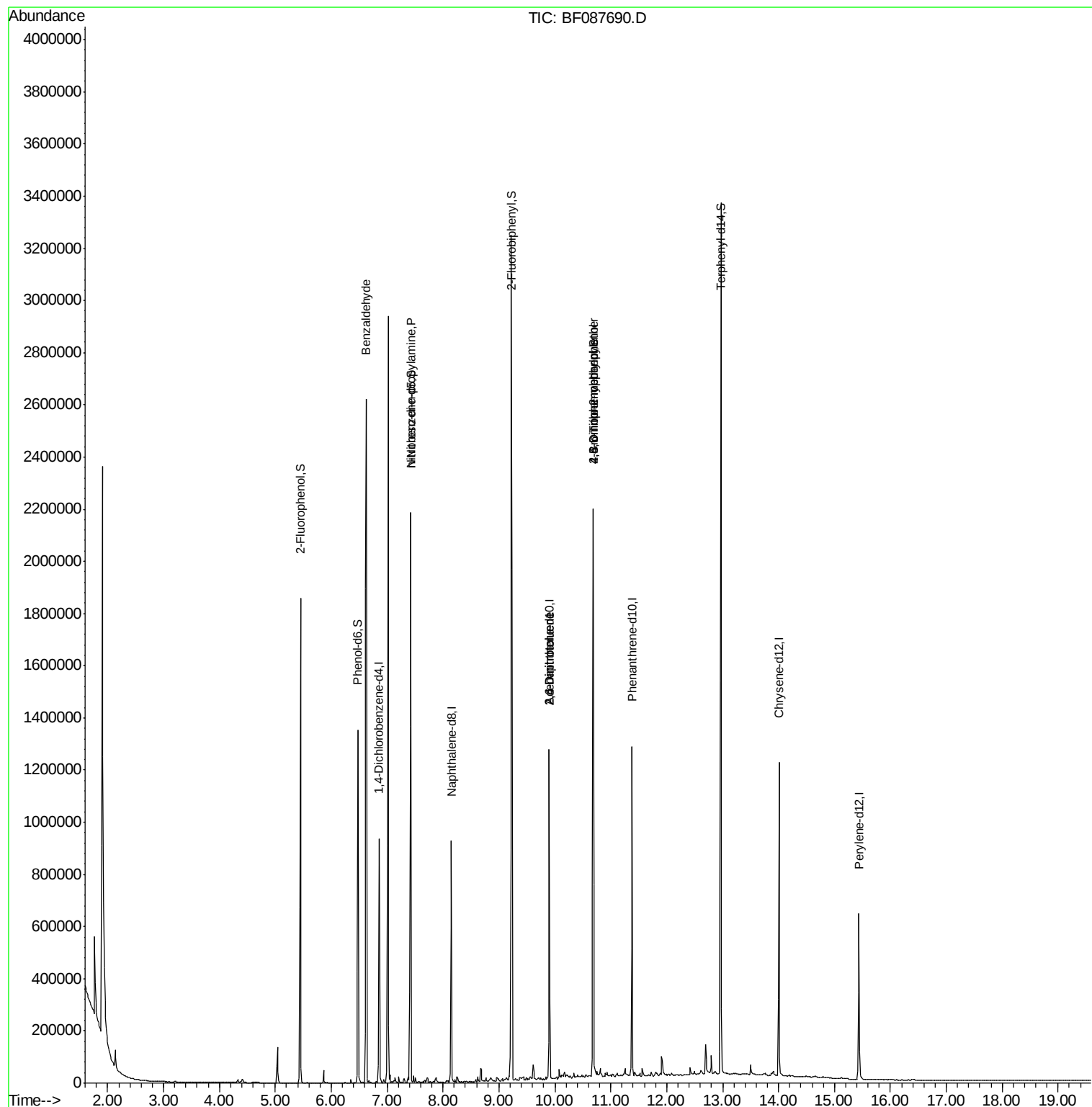
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	132659	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	543479	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	245285	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	477156	20.00	ng	0.00
75) Chrysene-d12	14.01	240	384841	20.00	ng	-0.01
86) Perylene-d12	15.44	264	284181	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	527335	64.25	ng	0.00
7) Phenol-d6	6.48	99	463676	45.05	ng	-0.01
23) Nitrobenzene-d5	7.43	82	920722	98.02	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	350502	142.35	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1476728	96.77	ng	-0.01
78) Terphenyl-d14	12.97	244	1123711	71.25	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	21769	3.13	ng	# 74
19) n-Nitroso-di-n-propylamine	7.43	70	124518	19.37	ng	# 73
50) 2,6-Dinitrotoluene	9.90	165	32124	7.92	ng	# 40
56) 2,4-Dinitrotoluene	9.90	165	32125	6.22	ng	# 38
64) 4,6-Dinitro-2-methylphenol	10.68	198	438	2.17	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	19042	4.02	ng	# 1

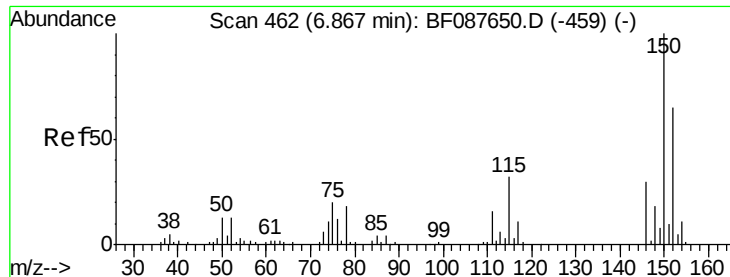
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
Data File : BF087690.D
Acq On : 5 Jun 2016 5:40
Operator : UM/SJ
Sample : H3344-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-13

Quant Time: Jun 05 06:33:09 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: BF087690.D

Acq: 5 Jun 2016 5:40

Instrument :

BNA_F

ClientSampleId :

MW-13

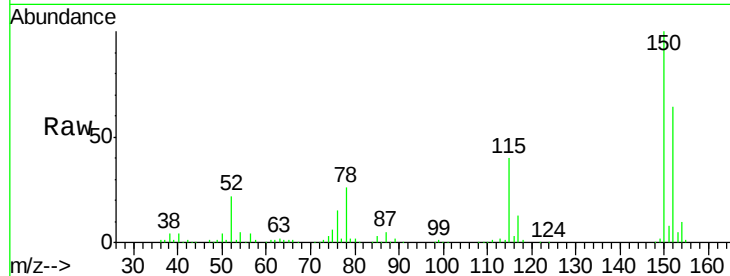
Tgt Ion:152 Resp: 132659

Ion Ratio Lower Upper

152 100

150 157.5 123.8 185.6

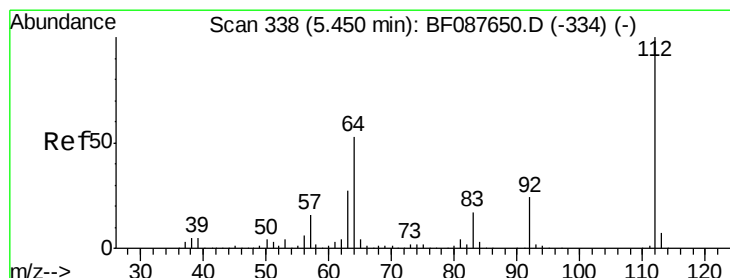
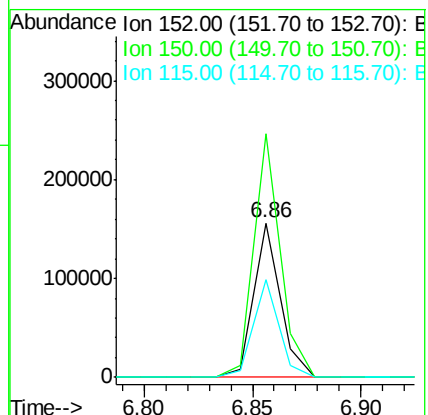
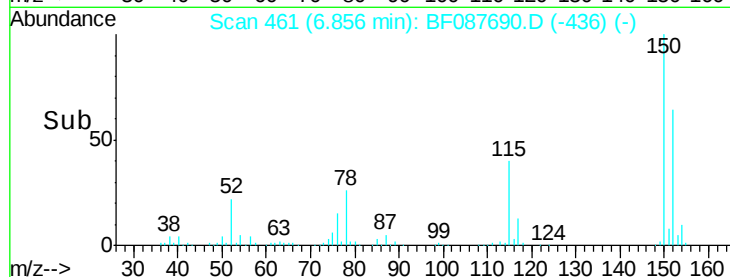
115 63.2 39.6 59.4#



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: 64.25 ng

RT: 5.45 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF087690.D

Acq: 5 Jun 2016 5:40

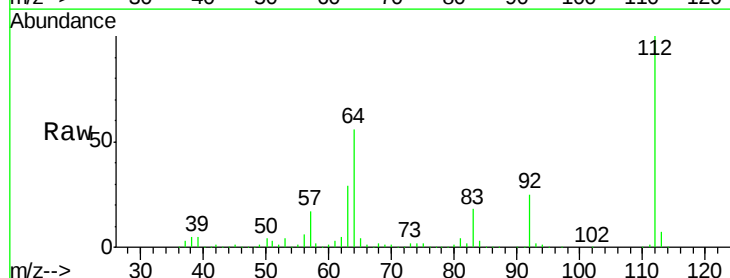
Tgt Ion:112 Resp: 527335

Ion Ratio Lower Upper

112 100

64 55.5 42.2 63.2

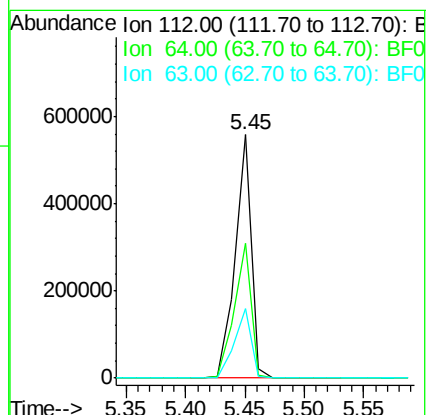
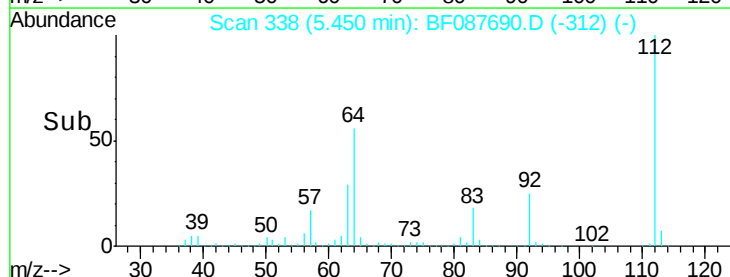
63 28.8 21.8 32.8

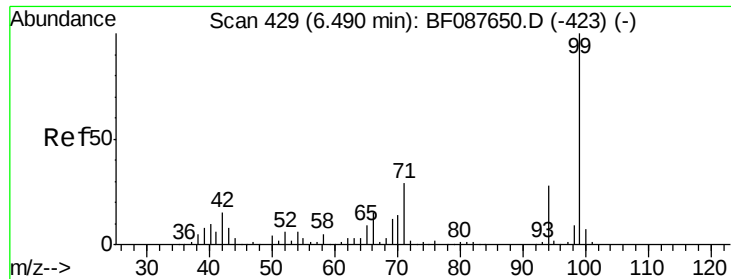


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 45.05 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087690.D

Acq: 5 Jun 2016 5:40

Instrument :

BNA_F

ClientSampleId :

MW-13

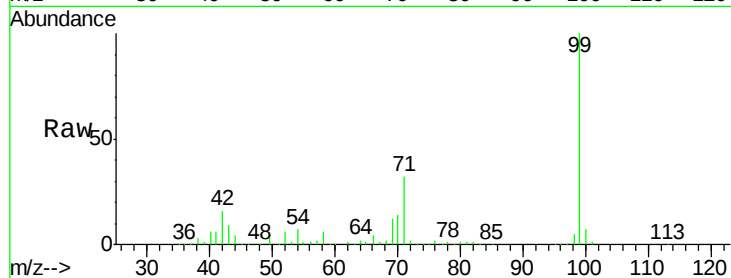
Tgt Ion: 99 Resp: 463676

Ion Ratio Lower Upper

99 100

42 16.2 12.2 18.2

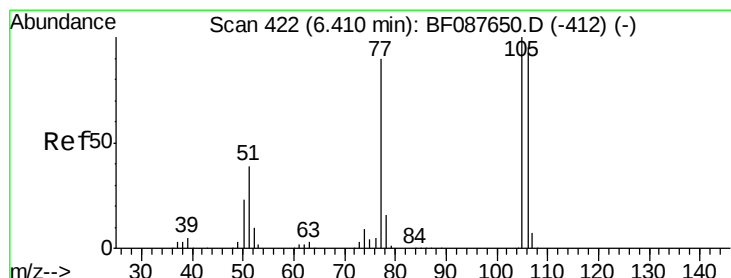
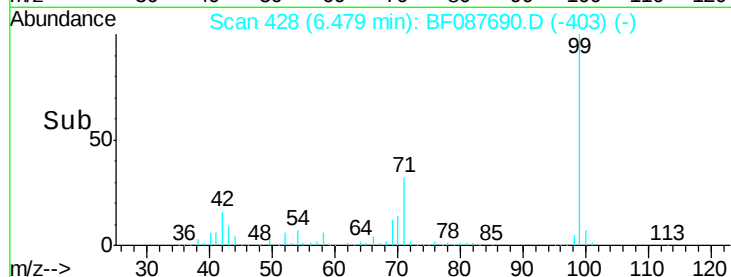
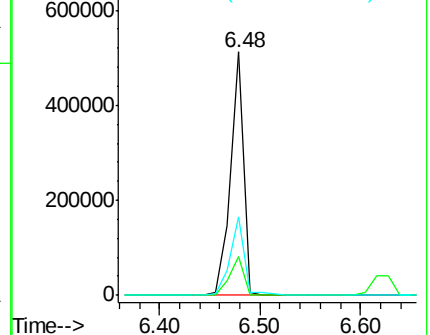
71 32.2 23.4 35.0



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: 3.13 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.22 min

Lab File: BF087690.D

Acq: 5 Jun 2016 5:40

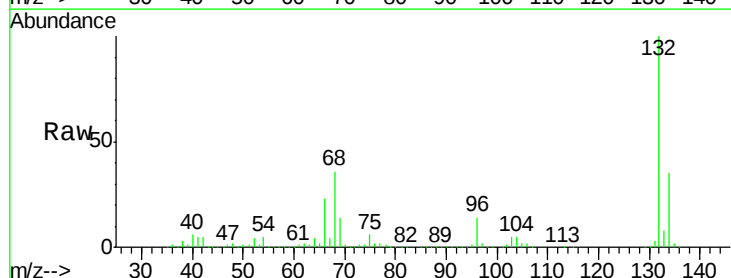
Tgt Ion: 77 Resp: 21769

Ion Ratio Lower Upper

77 100

105 85.3 90.6 130.6#

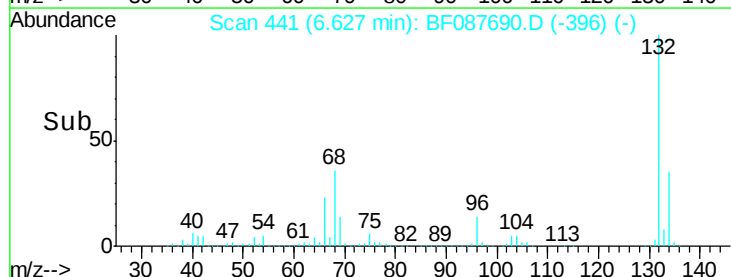
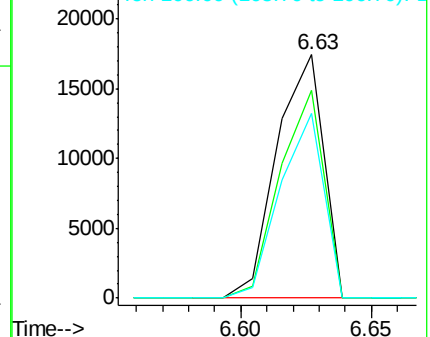
106 76.1 85.3 125.3#

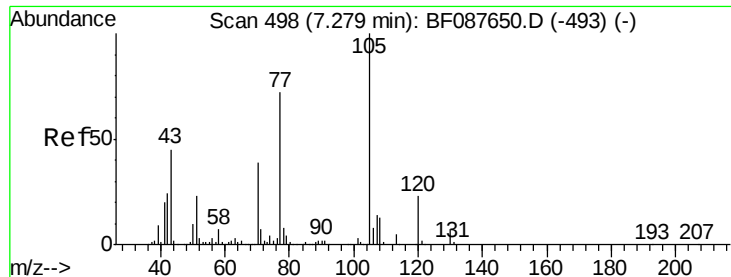


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

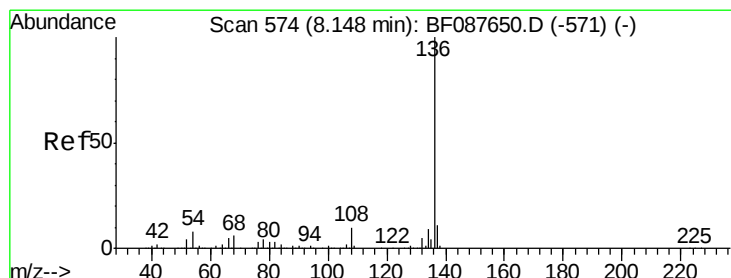
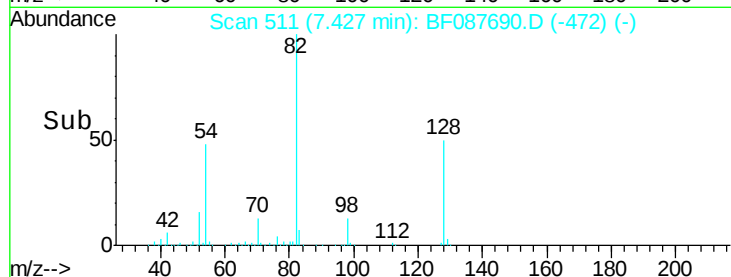
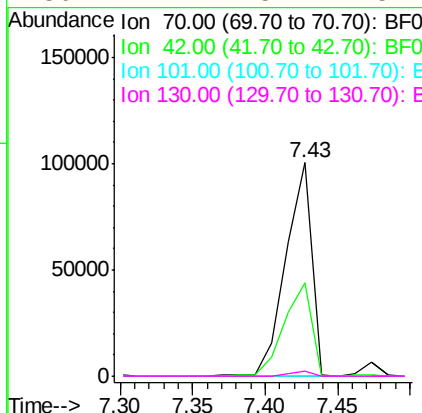
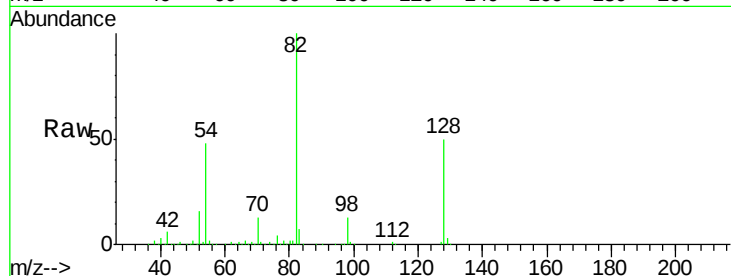




#19
n-Nitroso-di-n-propylamine
Concen: 19.37 ng
RT: 7.43 min Scan# 511
Delta R.T. 0.15 min
Lab File: BF087690.D
Acq: 5 Jun 2016 5:40

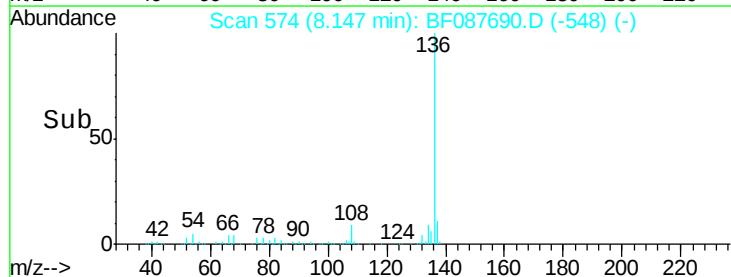
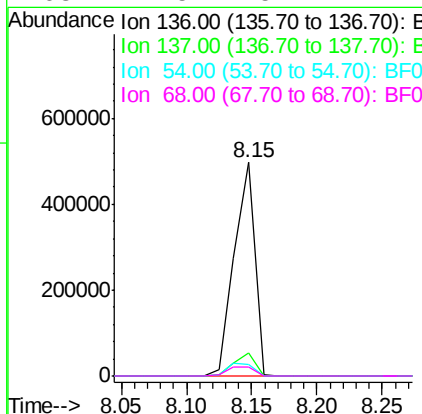
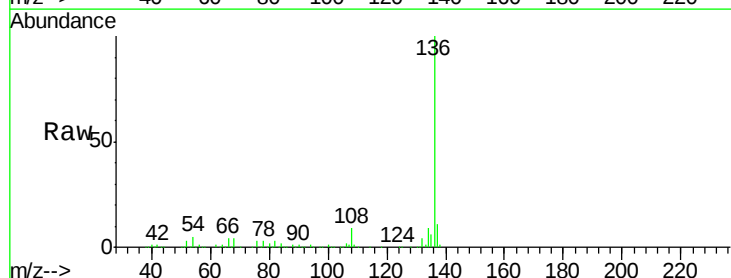
Instrument :
BNA_F
ClientSampleId :
MW-13

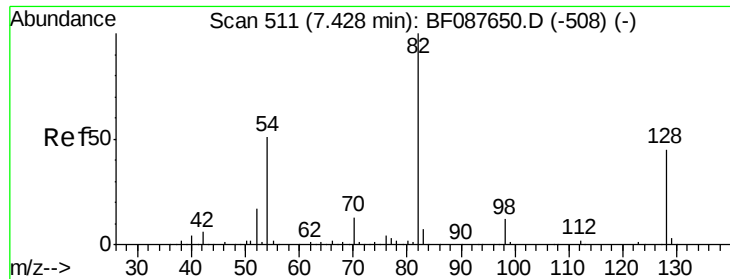
Tgt Ion: 70 Resp: 124518
Ion Ratio Lower Upper
70 100
42 43.7 49.6 74.4#
101 0.0 7.1 10.7#
130 2.4 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF087690.D
Acq: 5 Jun 2016 5:40

Tgt Ion: 136 Resp: 543479
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 5.4 6.6 10.0#
68 4.5 5.1 7.7#





#23

Nitrobenzene-d5

Concen: 98.02 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF087690.D

Acq: 5 Jun 2016 5:40

Instrument :

BNA_F

ClientSampled :

MW-13

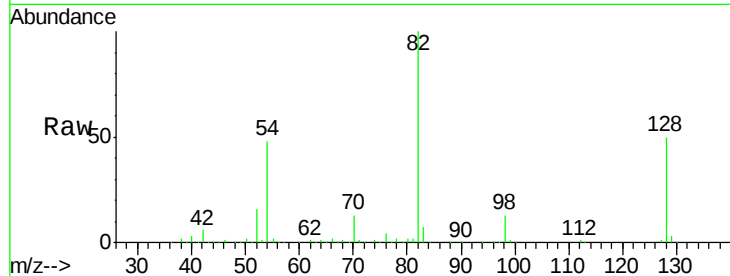
Tgt Ion: 82 Resp: 920722

Ion Ratio Lower Upper

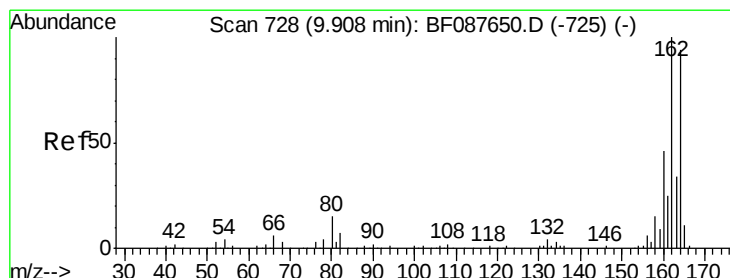
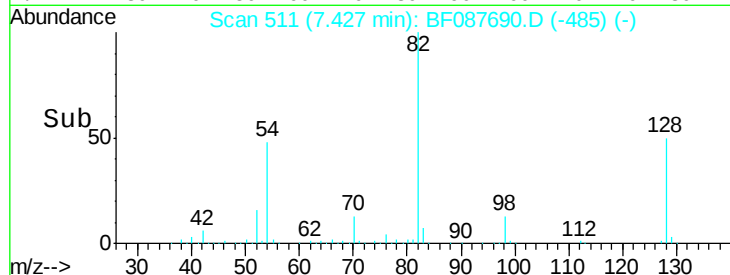
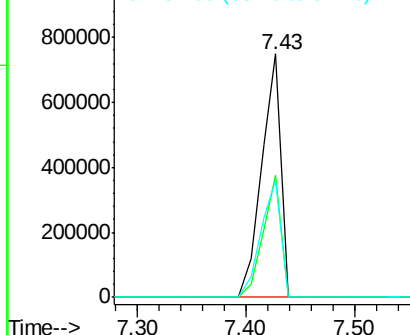
82 100

128 50.3 35.9 53.9

54 48.1 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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF087690.D

Acq: 5 Jun 2016 5:40

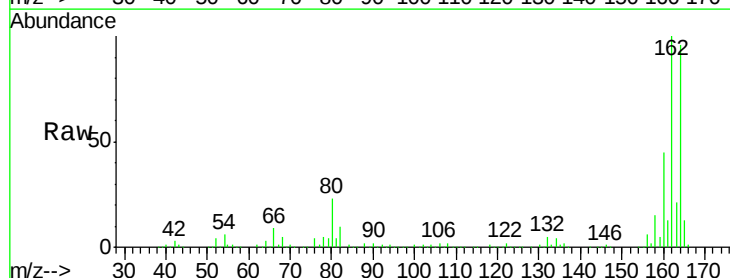
Tgt Ion: 164 Resp: 245285

Ion Ratio Lower Upper

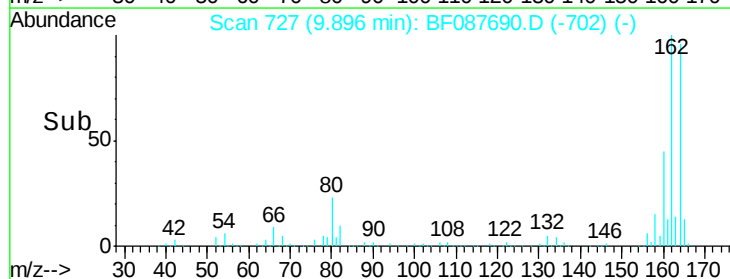
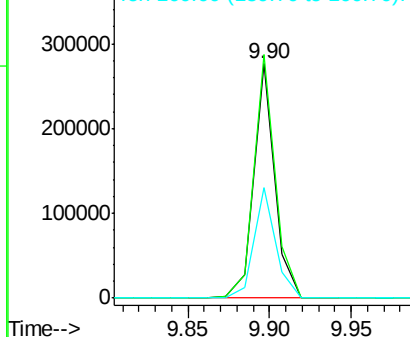
164 100

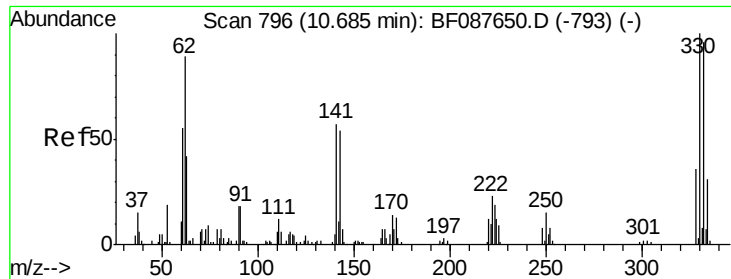
162 103.8 85.4 128.2

160 47.1 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

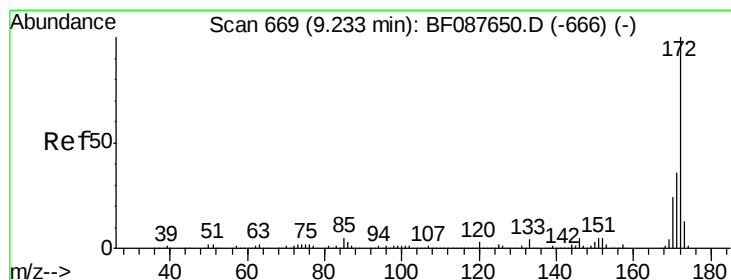
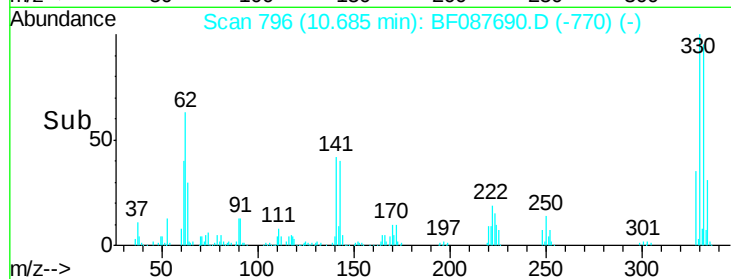
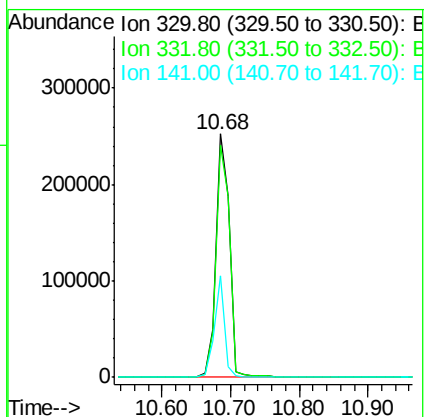
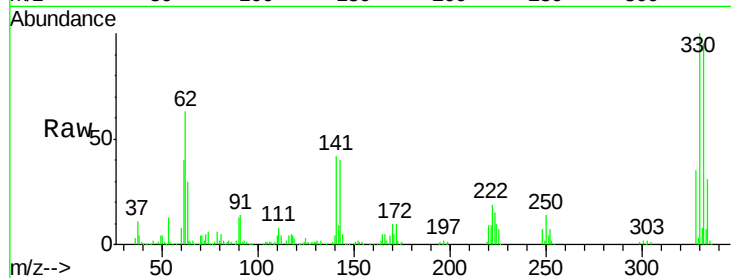




#41
 2,4,6-Tribromophenol
 Concen: 142.35 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF087690.D
 Acq: 5 Jun 2016 5:40

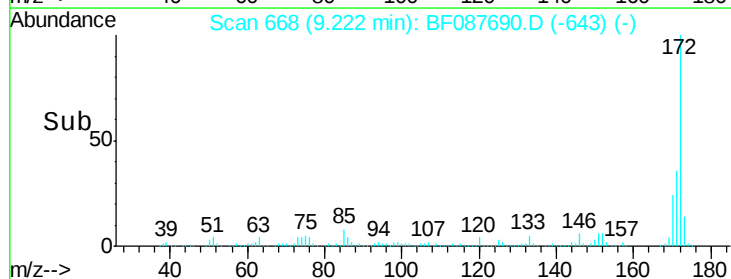
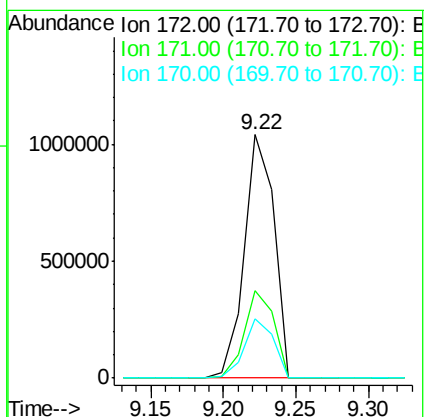
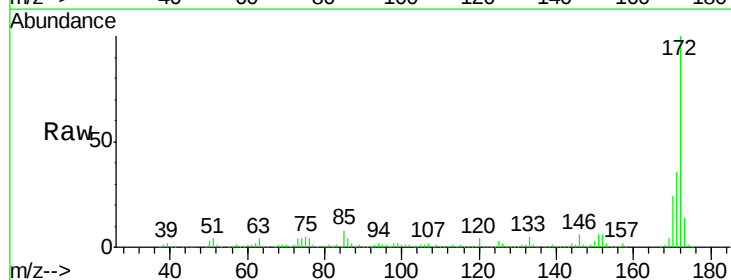
Instrument :
 BNA_F
 ClientSampleId :
 MW-13

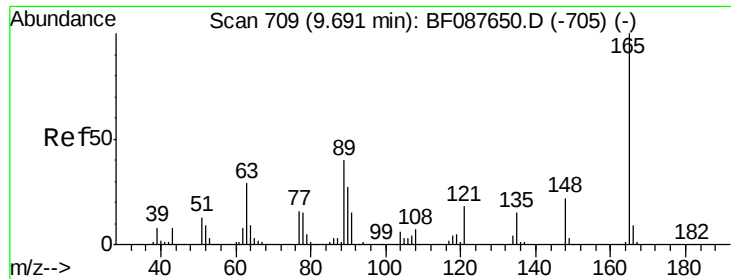
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	32.4	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 96.77 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087690.D
 Acq: 5 Jun 2016 5:40

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

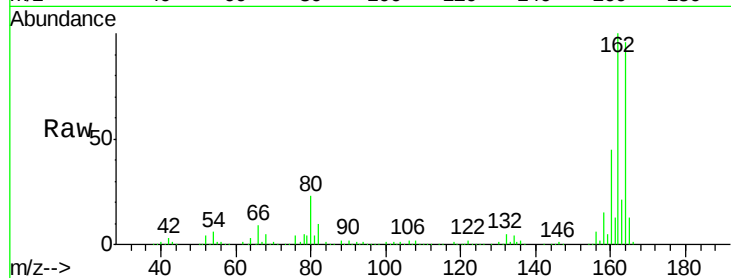




#50
 2,6-Dinitrotoluene
 Concen: 7.92 ng
 RT: 9.90 min Scan# 727
 Delta R.T. 0.21 min
 Lab File: BF087690.D
 Acq: 5 Jun 2016 5:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

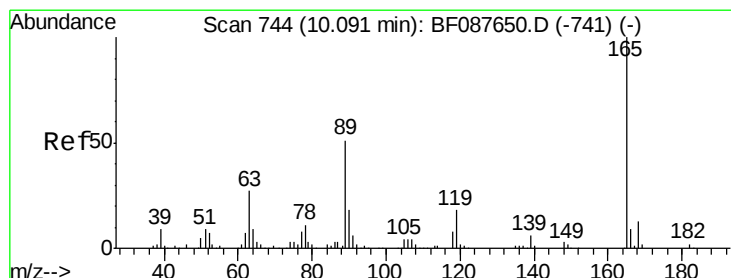
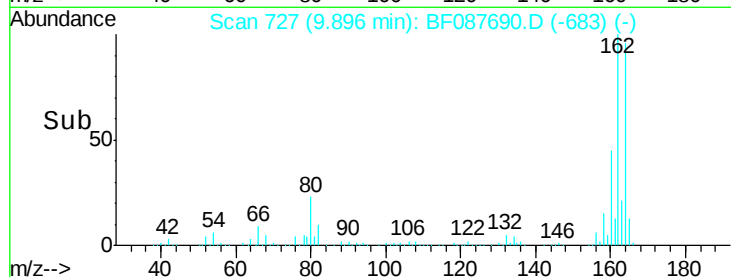
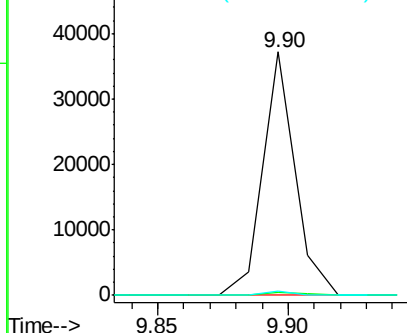
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	28.1	42.1#
89	1.6	32.2	48.2#



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



#56
 2,4-Dinitrotoluene
 Concen: 6.22 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.19 min
 Lab File: BF087690.D
 Acq: 5 Jun 2016 5:40

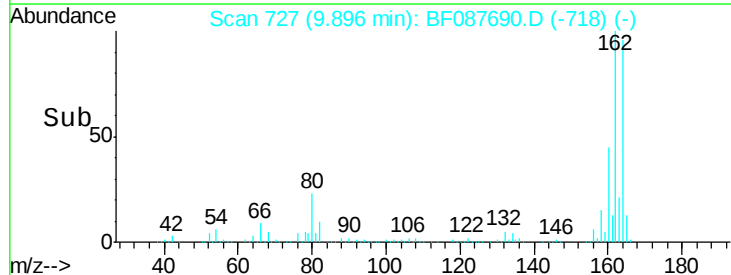
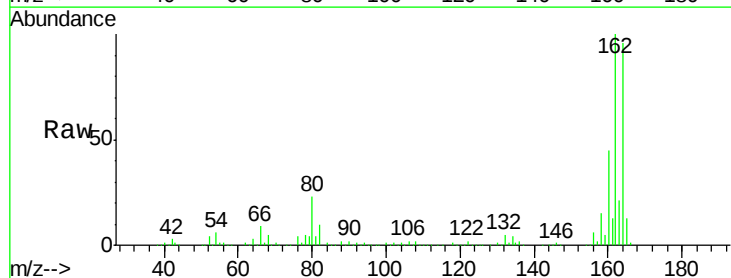
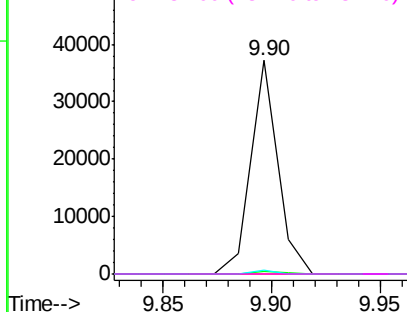
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	22.0	33.0#
89	1.6	41.1	61.7#
182	0.0	2.0	3.0#

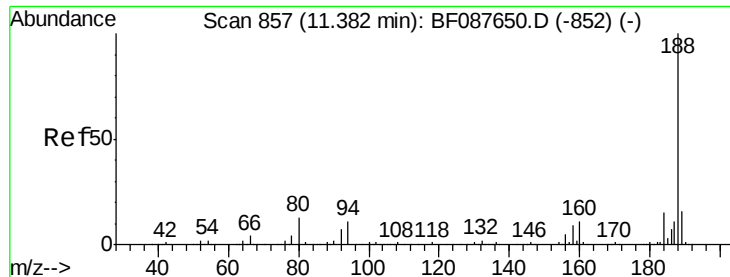
Abundance Ion 165.00 (164.70 to 165.70): E

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

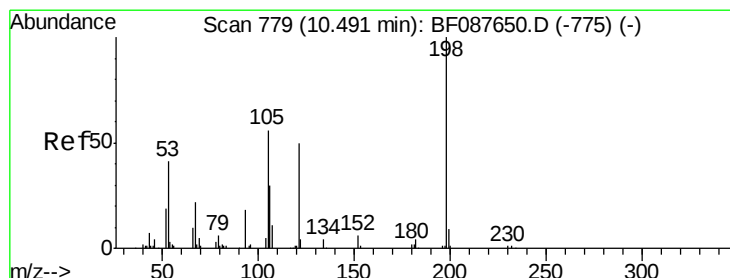
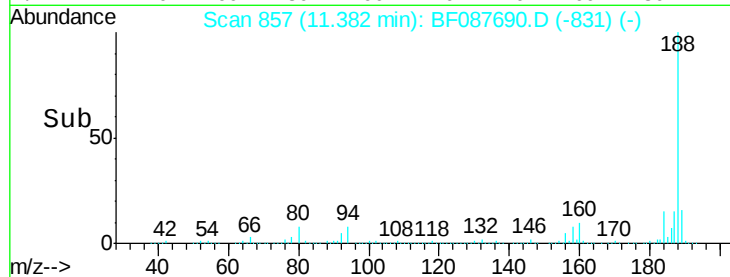
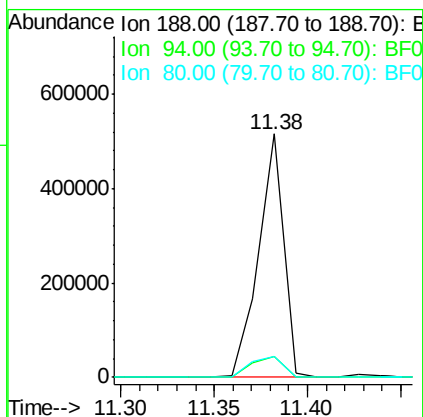
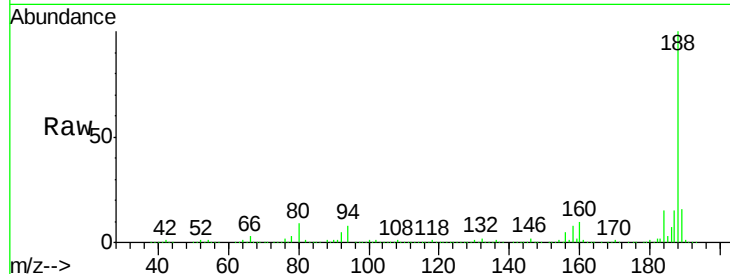




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BF087690.D
 Acq: 5 Jun 2016 5:40

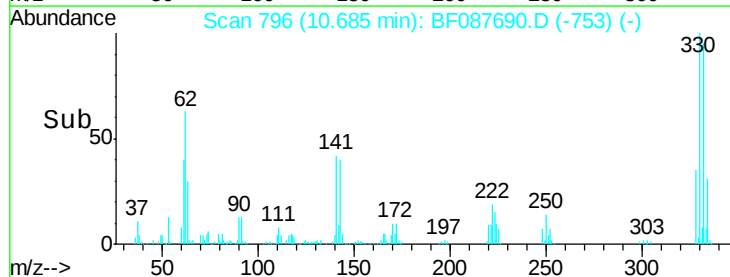
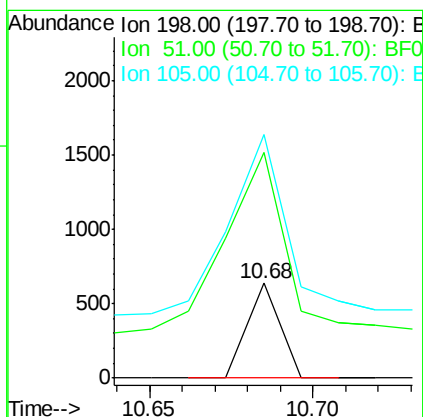
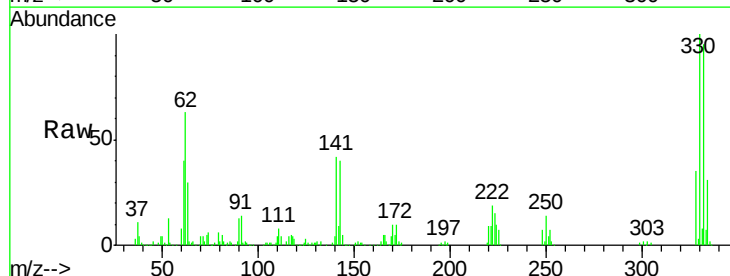
Instrument :
 BNA_F
 ClientSampleId :
 MW-13

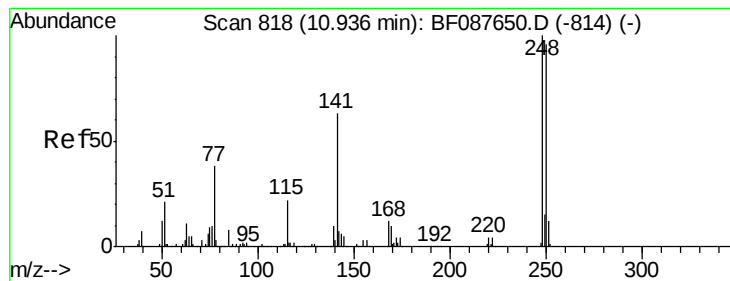
Tgt Ion:188 Resp: 477156
 Ion Ratio Lower Upper
 188 100
 94 8.5 9.0 13.6#
 80 8.5 10.0 15.0#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.17 ng
 RT: 10.68 min Scan# 796
 Delta R.T. 0.19 min
 Lab File: BF087690.D
 Acq: 5 Jun 2016 5:40

Tgt Ion:198 Resp: 438
 Ion Ratio Lower Upper
 198 100
 51 237.6 39.6 79.6#
 105 256.6 36.6 76.6#





#66

4-Bromophenyl-phenylether

Concen: 4.02 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.25 min

Lab File: BF087690.D

Acq: 5 Jun 2016 5:40

Instrument :

BNA_F

ClientSampleId :

MW-13

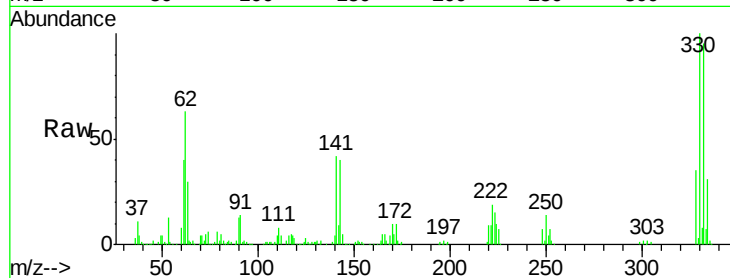
Tgt Ion:248 Resp: 19042

Ion Ratio Lower Upper

248 100

250 202.4 77.1 115.7#

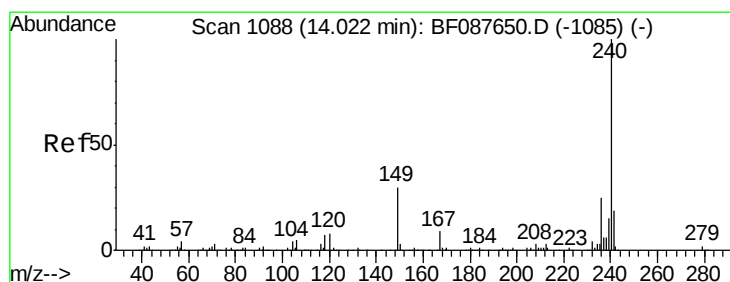
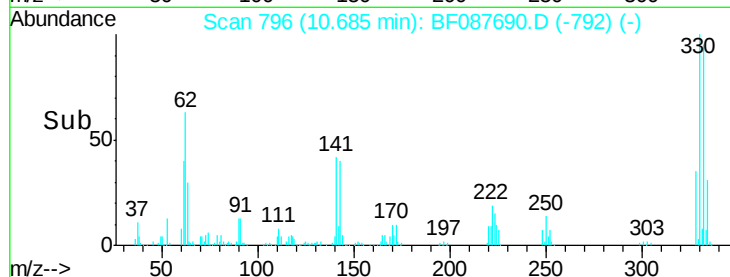
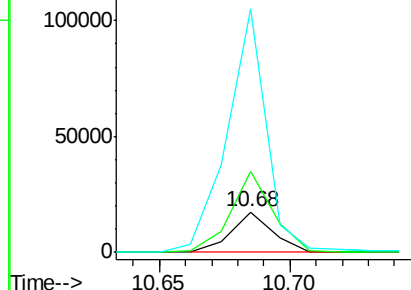
141 606.5 50.6 76.0#



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: BF087690.D

Acq: 5 Jun 2016 5:40

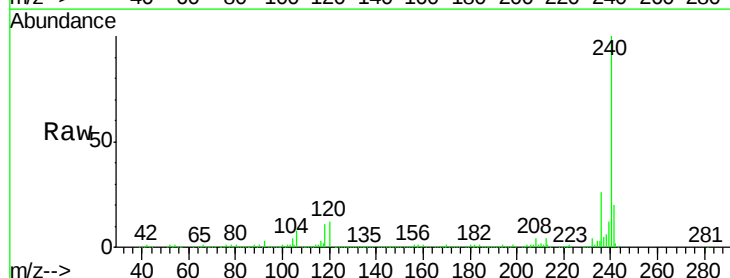
Tgt Ion:240 Resp: 384841

Ion Ratio Lower Upper

240 100

120 11.9 6.8 10.2#

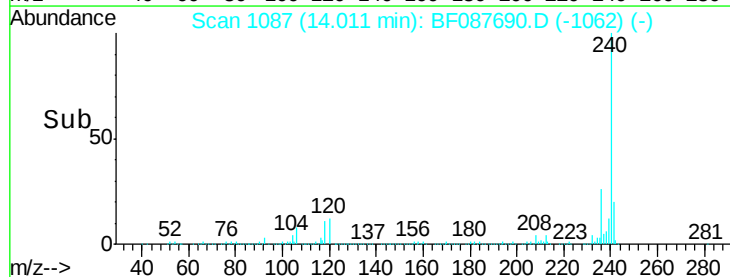
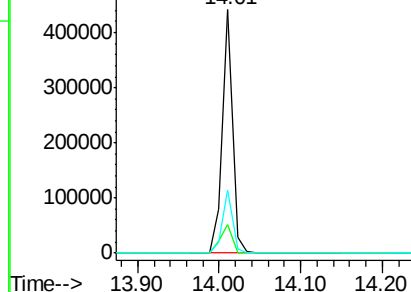
236 26.0 20.2 30.2

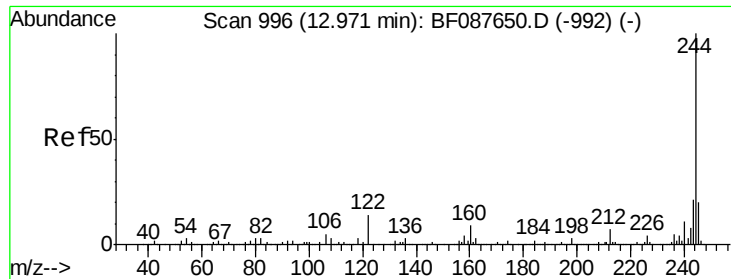


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

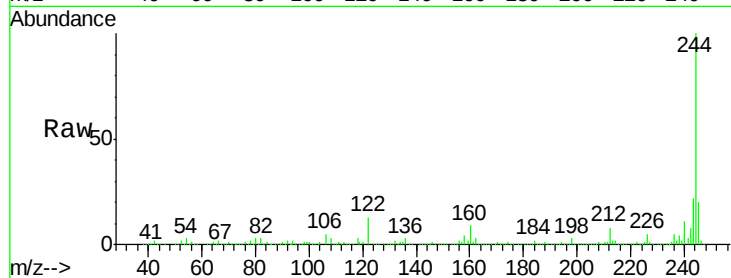




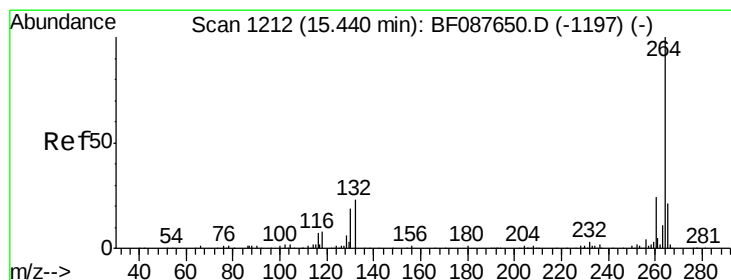
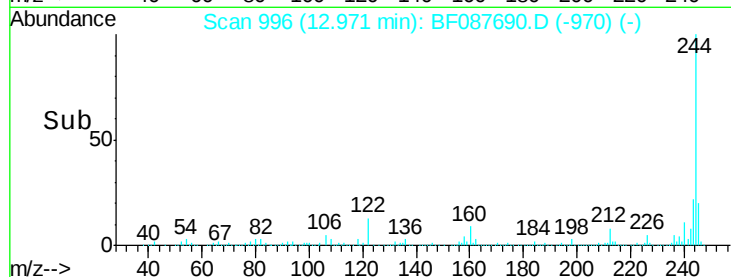
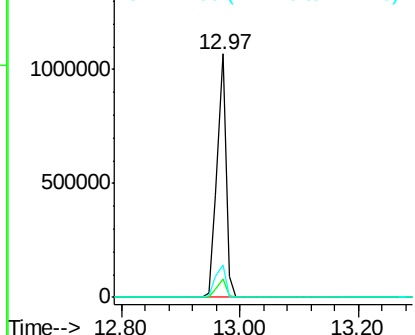
#78
 Terphenyl-d14
 Concen: 71.25 ng
 RT: 12.97 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF087690.D
 Acq: 5 Jun 2016 5:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Tgt Ion:244 Resp: 1123711
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 13.4 11.2 16.8

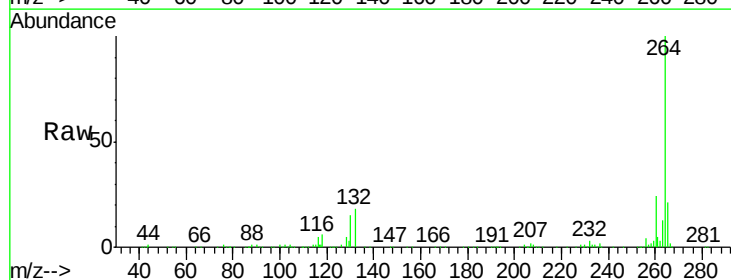


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF087690.D
 Acq: 5 Jun 2016 5:40

Tgt Ion:264 Resp: 284181
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 20.9 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

