

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
 Data File : BF087701.D
 Acq On : 5 Jun 2016 11:12
 Operator : UM/SJ
 Sample : H3312-05
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW2

Quant Time: Jun 06 01:19:32 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

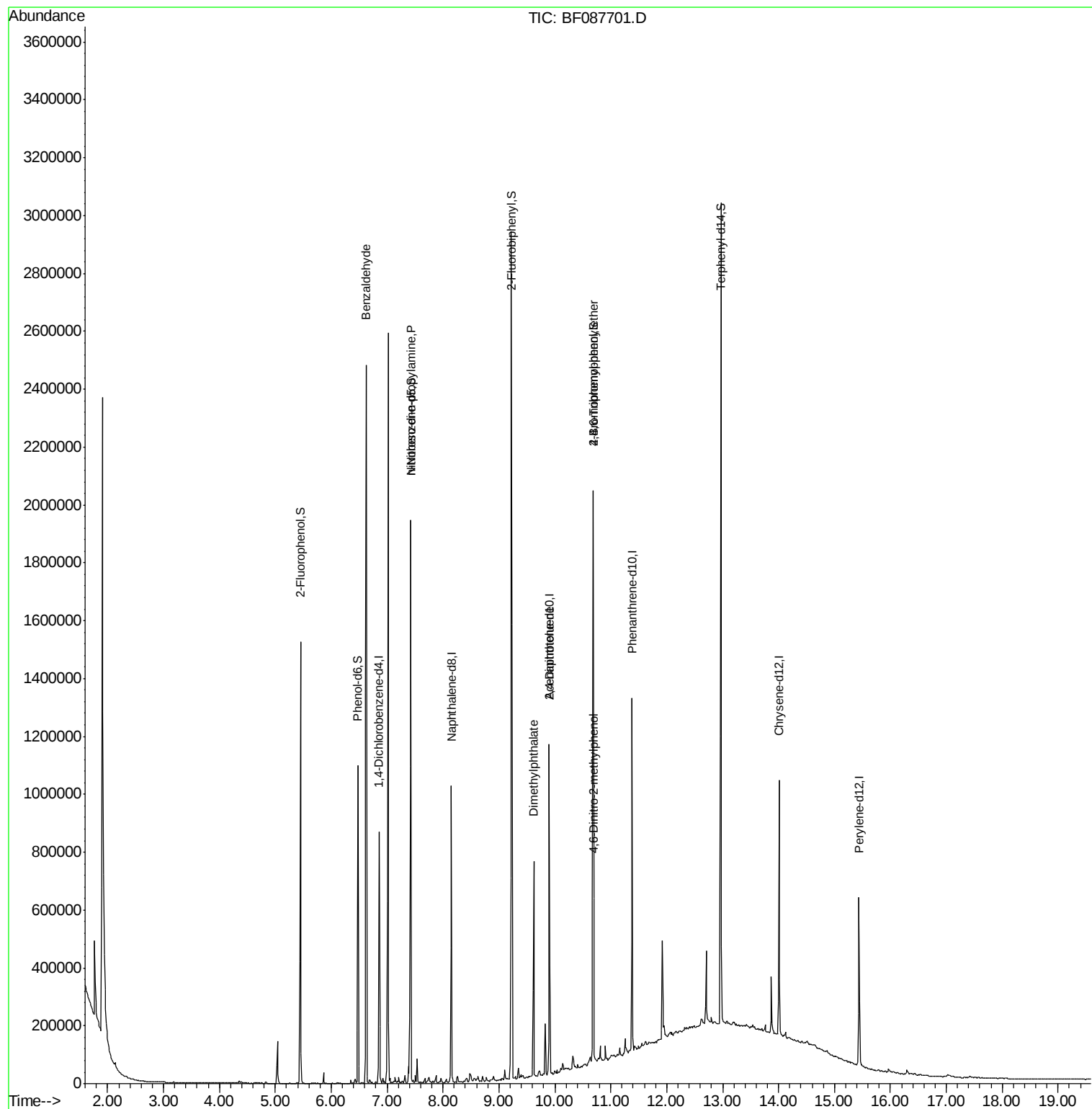
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	127850	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	531162	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	230335	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	446454	20.00	ng	0.00
75) Chrysene-d12	14.01	240	292101	20.00	ng	-0.01
86) Perylene-d12	15.44	264	249116	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	413731	52.31	ng	0.00
7) Phenol-d6	6.48	99	338085	34.08	ng	-0.01
23) Nitrobenzene-d5	7.43	82	772134	84.10	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	272096	117.68	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1240036	81.56	ng	-0.01
78) Terphenyl-d14	12.97	244	925940	77.35	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	17928	2.67	ng	# 71
19) n-Nitroso-di-n-propylamine	7.43	70	103693	16.74	ng	# 74
49) Dimethylphthalate	9.62	163	349242	20.86	ng	99
56) 2,4-Dinitrotoluene	9.90	165	30283	6.24	ng	# 38
60) 4-Chlorophenyl-phenylether	10.63	204	736	Below Cal		# 53
64) 4,6-Dinitro-2-methylphenol	10.70	198	9248	5.59	ng	# 34
66) 4-Bromophenyl-phenylether	10.68	248	15934	3.60	ng	# 1

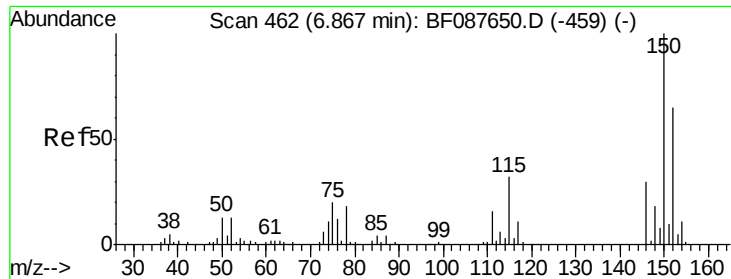
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087701.D

Acq: 5 Jun 2016 11:12

Instrument :

BNA_F

ClientSampleId :

SW2

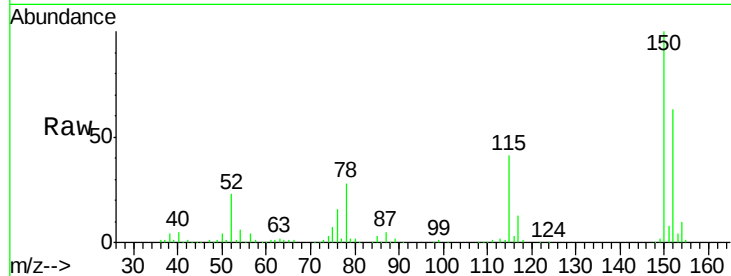
Tgt Ion:152 Resp: 127850

Ion Ratio Lower Upper

152 100

150 159.0 123.8 185.6

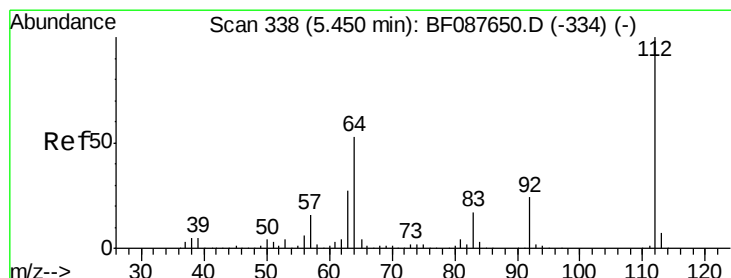
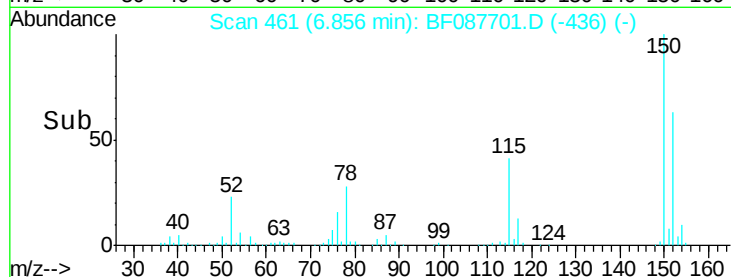
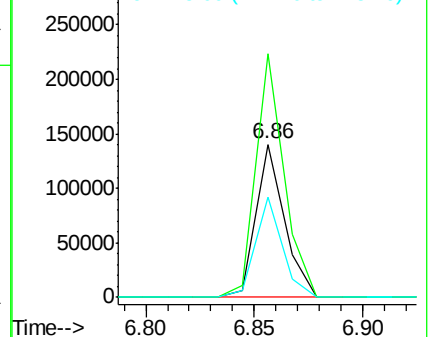
115 65.6 39.6 59.4#



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: 52.31 ng

RT: 5.45 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF087701.D

Acq: 5 Jun 2016 11:12

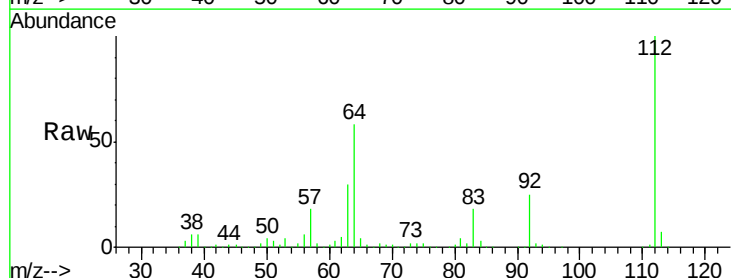
Tgt Ion:112 Resp: 413731

Ion Ratio Lower Upper

112 100

64 58.0 42.2 63.2

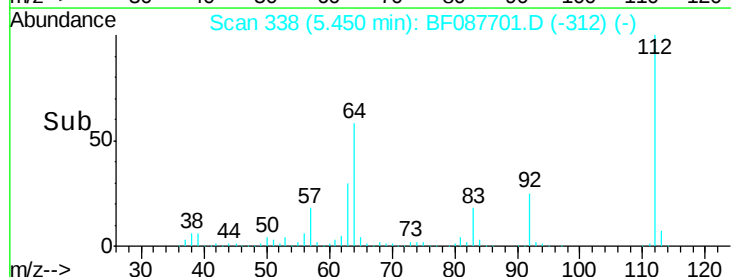
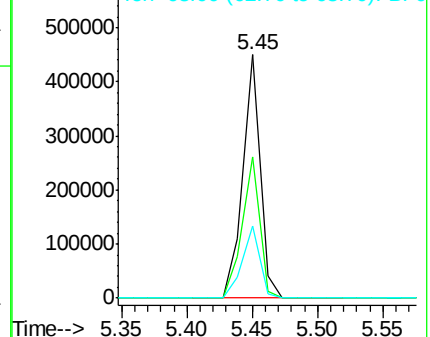
63 29.9 21.8 32.8

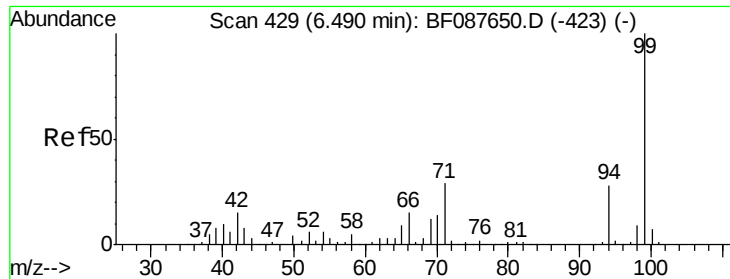


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.08 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087701.D

Acq: 5 Jun 2016 11:12

Instrument :

BNA_F

ClientSampled :

SW2

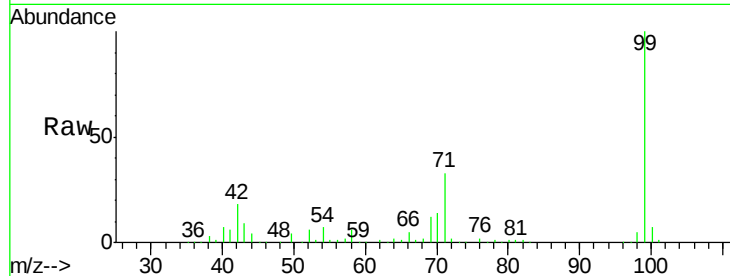
Tgt Ion: 99 Resp: 338085

Ion Ratio Lower Upper

99 100

42 17.8 12.2 18.2

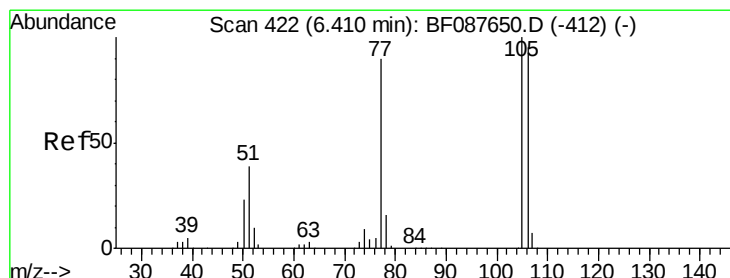
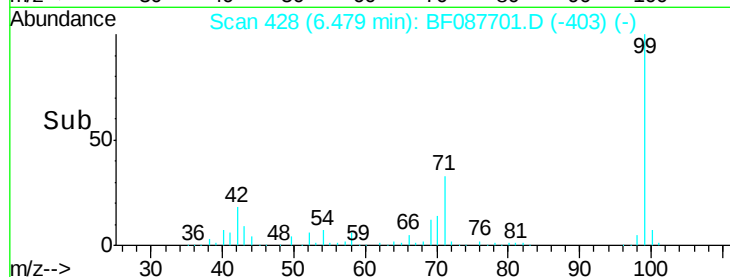
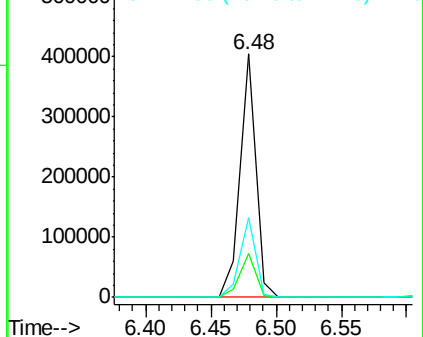
71 32.7 23.4 35.0



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: 2.67 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.22 min

Lab File: BF087701.D

Acq: 5 Jun 2016 11:12

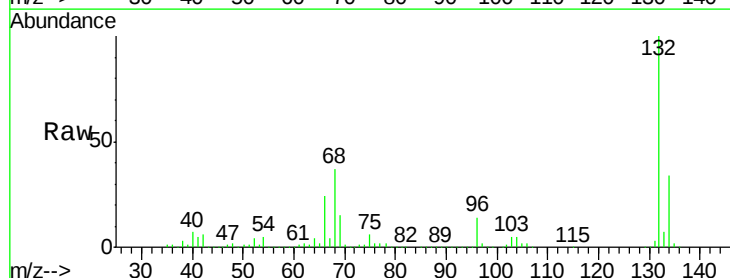
Tgt Ion: 77 Resp: 17928

Ion Ratio Lower Upper

77 100

105 81.6 90.6 130.6#

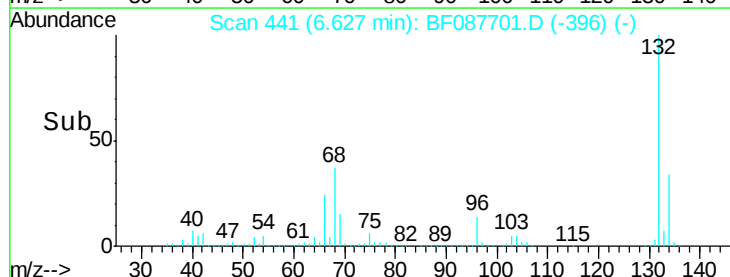
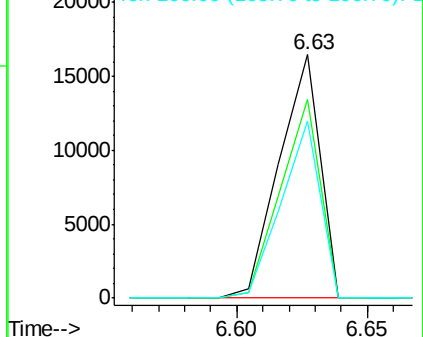
106 72.9 85.3 125.3#

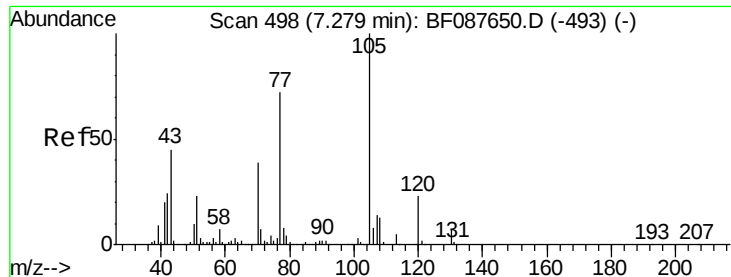


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

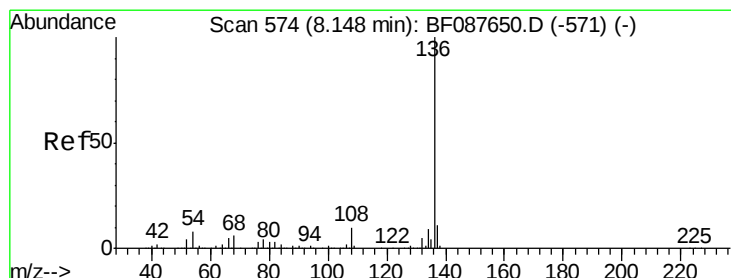
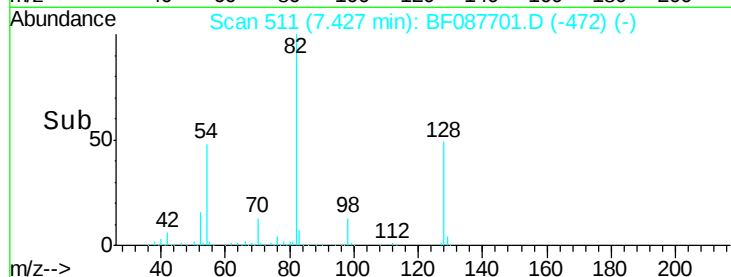
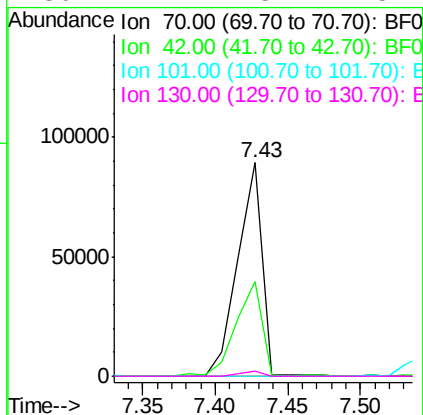
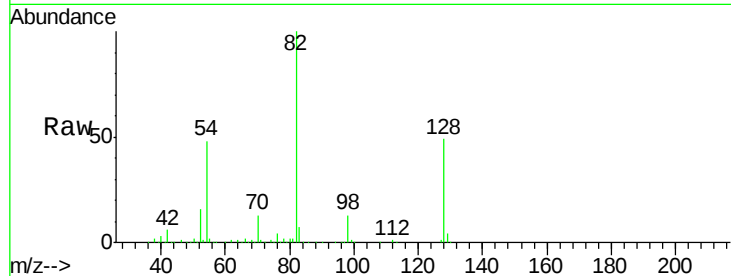




#19
n-Nitroso-di-n-propylamine
Concen: 16.74 ng
RT: 7.43 min Scan# 511
Delta R.T. 0.15 min
Lab File: BF087701.D
Acq: 5 Jun 2016 11:12

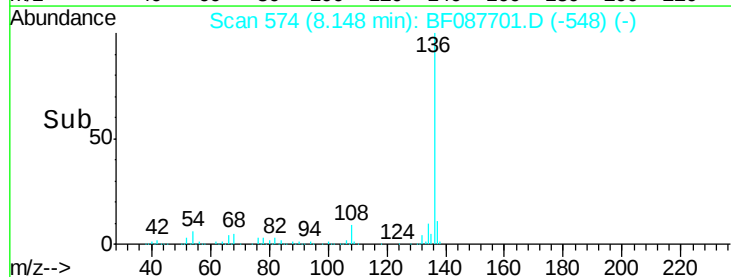
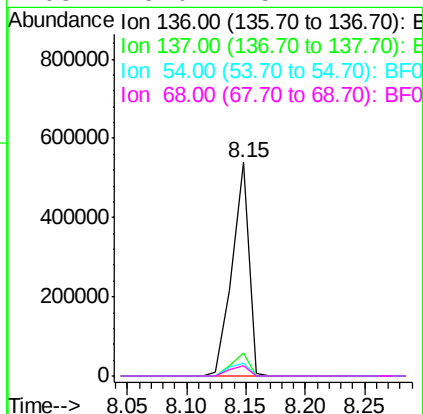
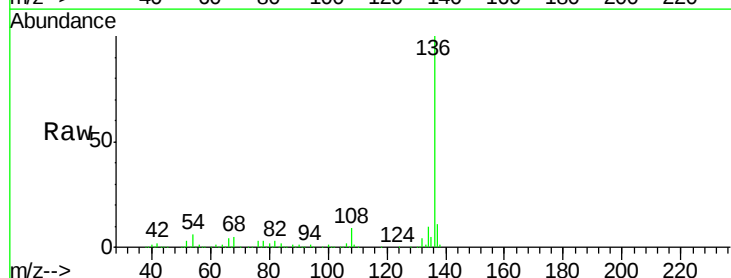
Instrument :
BNA_F
ClientSampled :
SW2

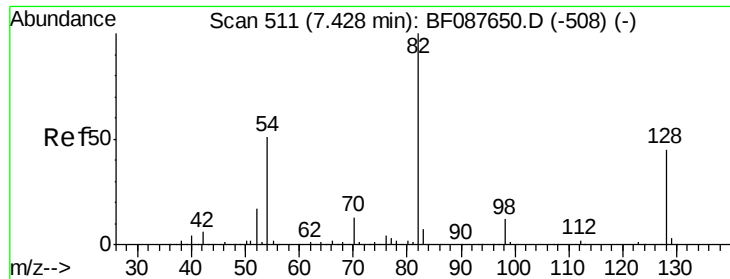
Tgt Ion: 70 Resp: 103693
Ion Ratio Lower Upper
70 100
42 44.6 49.6 74.4#
101 0.0 7.1 10.7#
130 2.4 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF087701.D
Acq: 5 Jun 2016 11:12

Tgt Ion: 136 Resp: 531162
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 6.2 6.6 10.0#
68 5.0 5.1 7.7#





#23

Nitrobenzene-d5

Concen: 84.10 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF087701.D

Acq: 5 Jun 2016 11:12

Instrument :

BNA_F

ClientSampled :

SW2

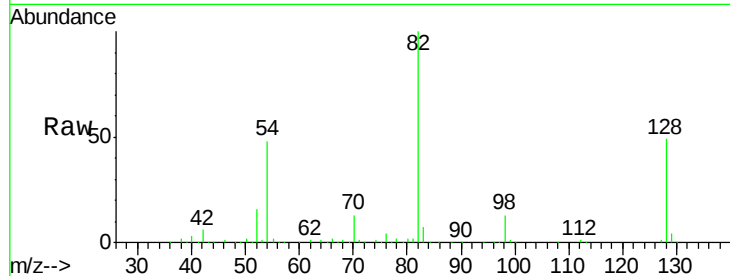
Tgt Ion: 82 Resp: 772134

Ion Ratio Lower Upper

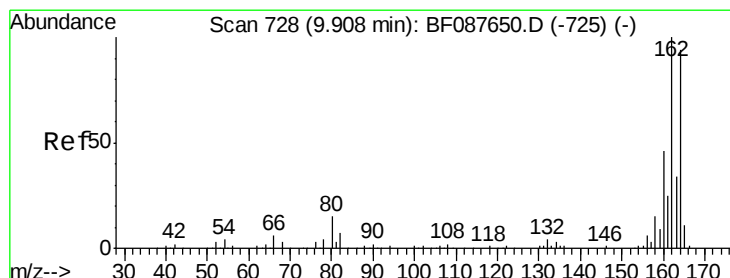
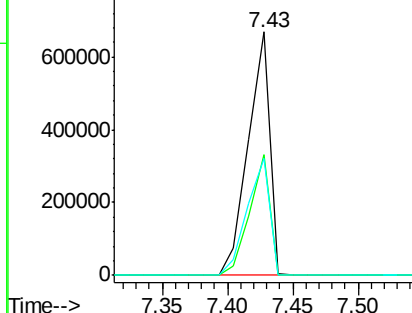
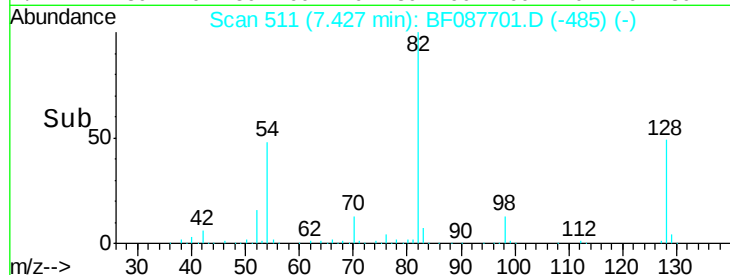
82 100

128 49.4 35.9 53.9

54 48.2 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: BF087701.D

Acq: 5 Jun 2016 11:12

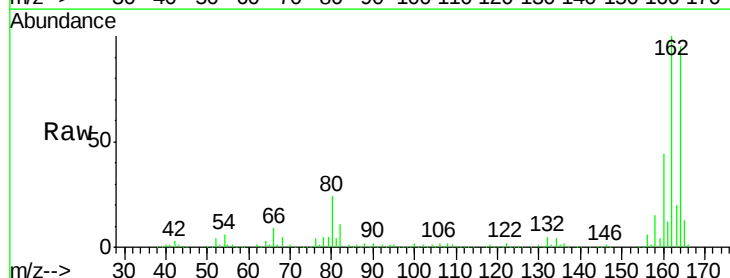
Tgt Ion: 164 Resp: 230335

Ion Ratio Lower Upper

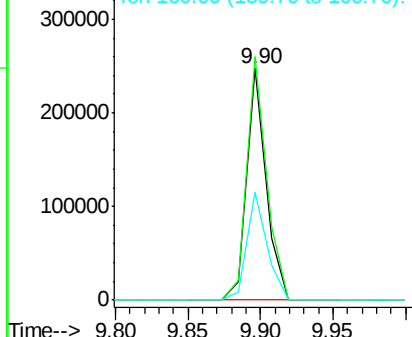
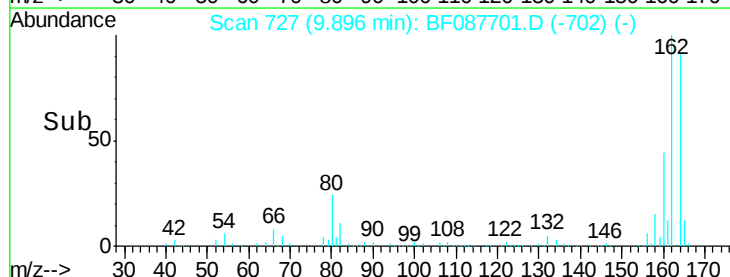
164 100

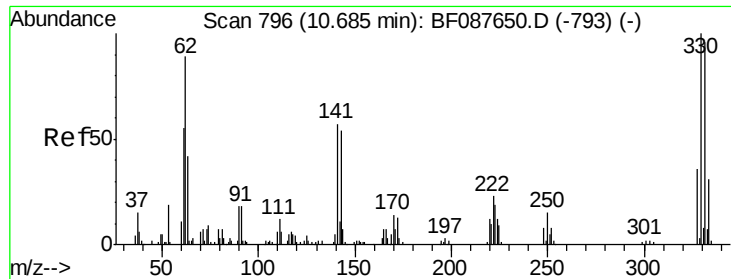
162 104.9 85.4 128.2

160 46.5 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

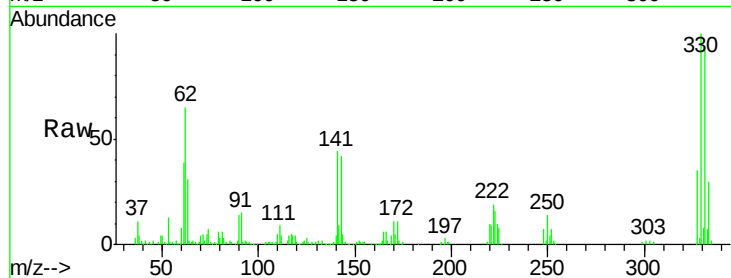




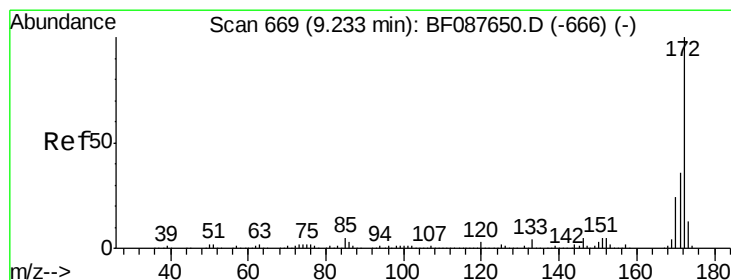
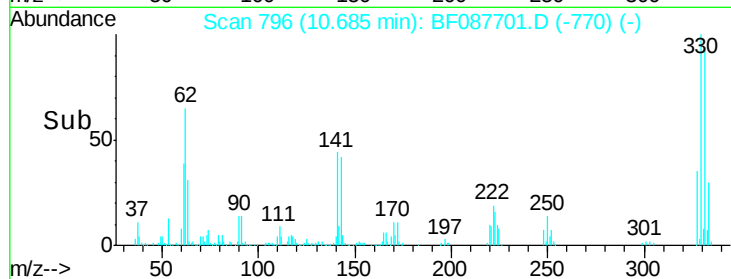
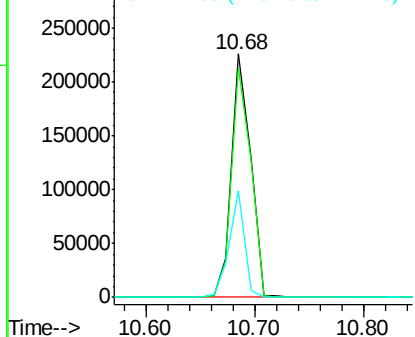
#41
 2,4,6-Tribromophenol
 Concen: 117.68 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF087701.D
 Acq: 5 Jun 2016 11:12

Instrument :
 BNA_F
 ClientSampleId :
 SW2

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	0.0	0.0#
141	35.2	0.0	0.0#

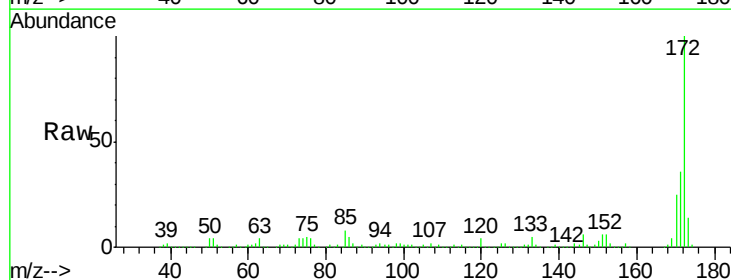


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

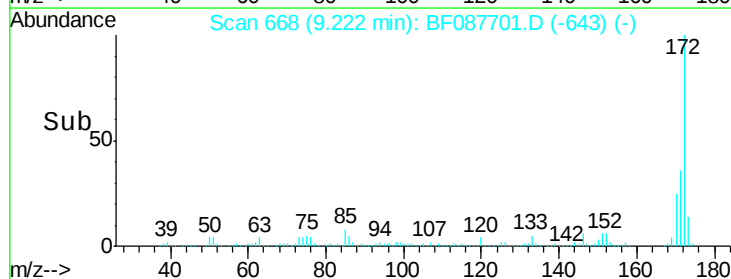
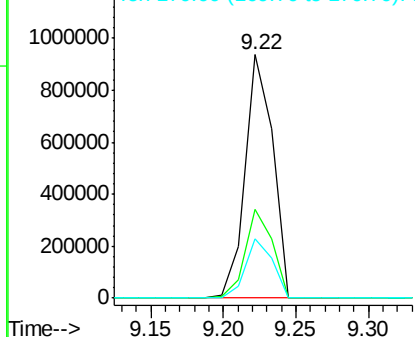


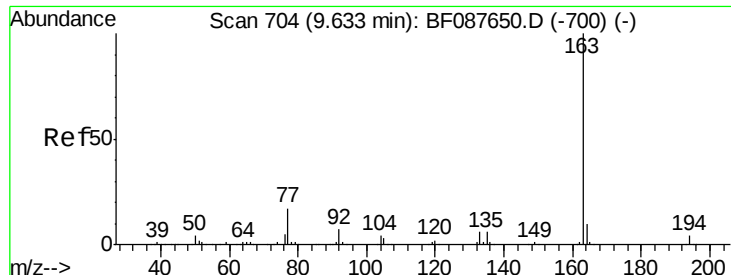
#44
 2-Fluorobiphenyl
 Concen: 81.56 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087701.D
 Acq: 5 Jun 2016 11:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.5	19.2	28.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

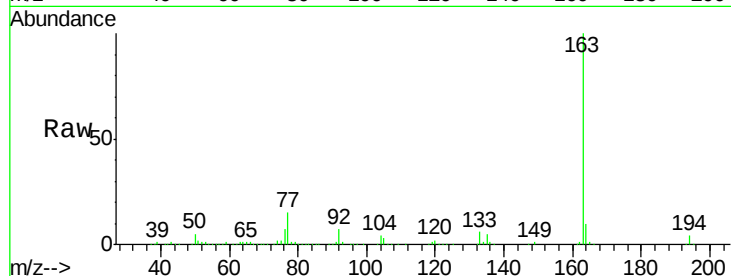




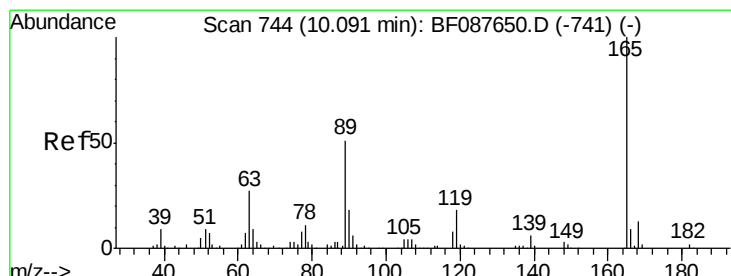
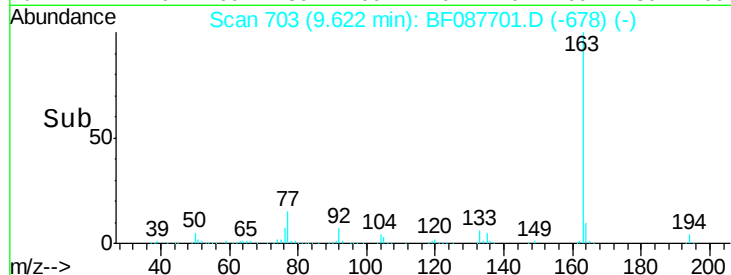
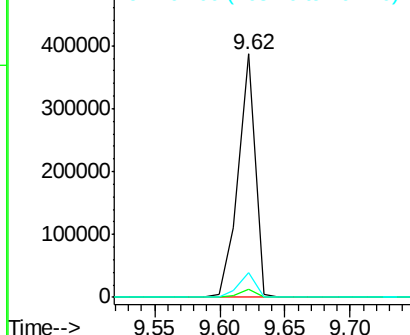
#49
Dimethylphthalate
Concen: 20.86 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF087701.D
Acq: 5 Jun 2016 11:12

Instrument :
BNA_F
ClientSampled :
SW2

Tgt Ion:163 Resp: 349242
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 9.9 8.3 12.5

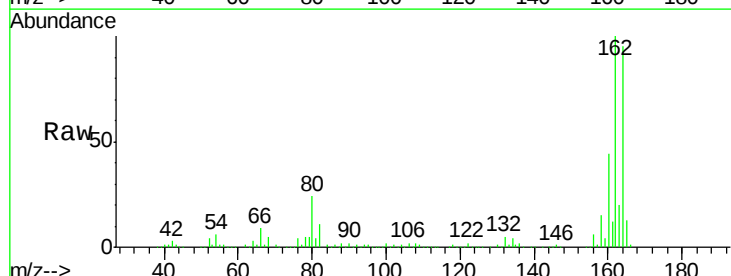


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

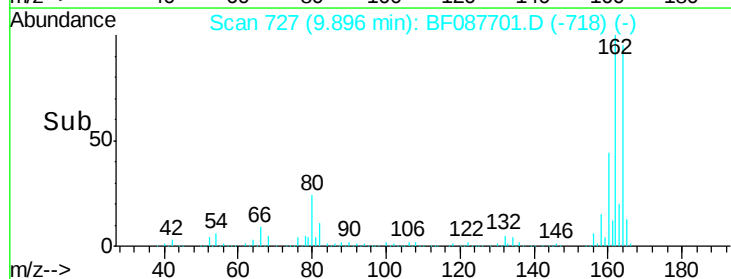
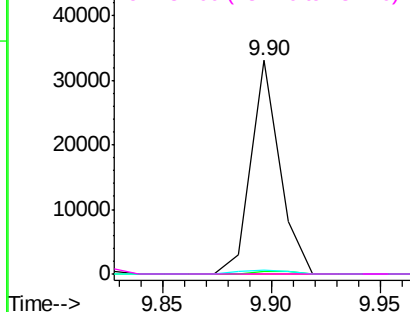


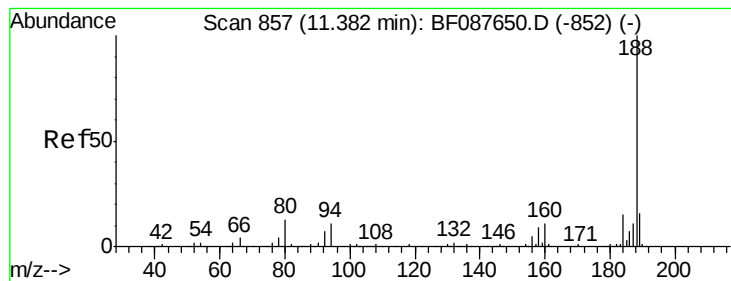
#56
2,4-Dinitrotoluene
Concen: 6.24 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.19 min
Lab File: BF087701.D
Acq: 5 Jun 2016 11:12

Tgt Ion:165 Resp: 30283
Ion Ratio Lower Upper
165 100
63 1.5 22.0 33.0#
89 1.9 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: BF087701.D

Acq: 5 Jun 2016 11:12

Instrument :

BNA_F

ClientSampleId :

SW2

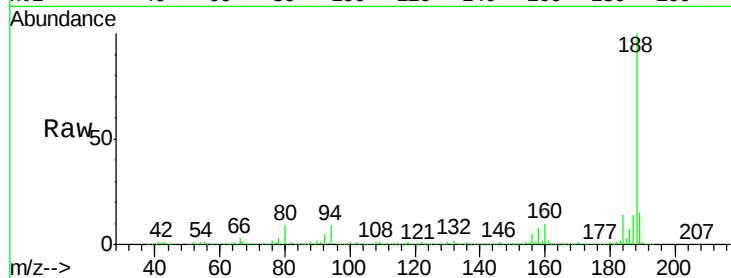
Tgt Ion:188 Resp: 446454

Ion Ratio Lower Upper

188 100

94 8.9 9.0 13.6#

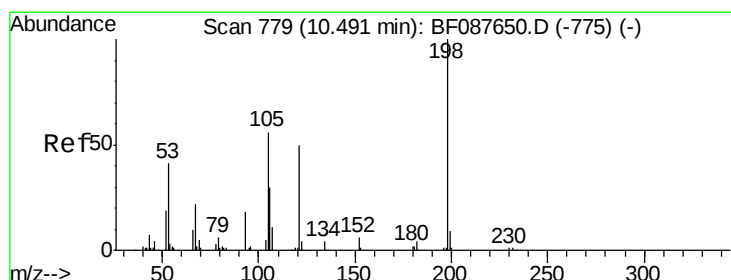
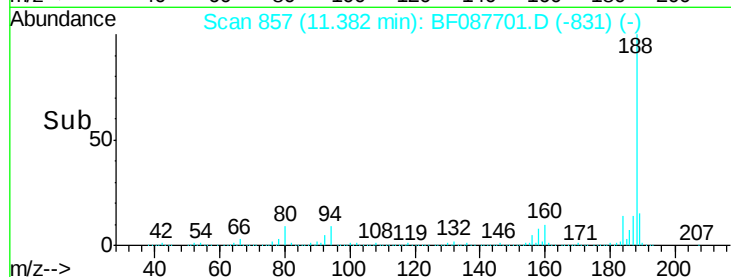
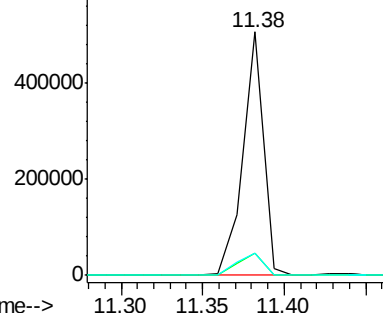
80 9.1 10.0 15.0#



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: 5.59 ng

RT: 10.70 min Scan# 797

Delta R.T. 0.21 min

Lab File: BF087701.D

Acq: 5 Jun 2016 11:12

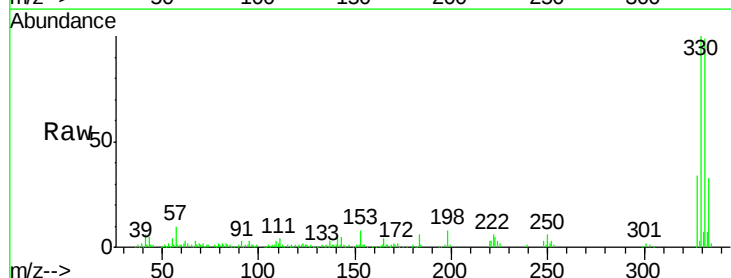
Tgt Ion:198 Resp: 9248

Ion Ratio Lower Upper

198 100

51 8.2 39.6 79.6#

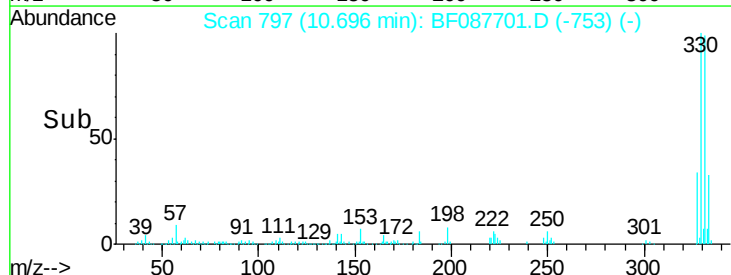
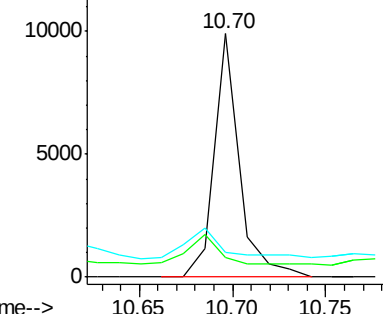
105 10.3 36.6 76.6#

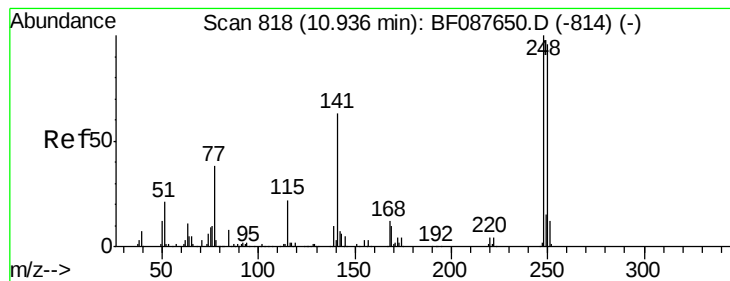


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 3.60 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.25 min

Lab File: BF087701.D

Acq: 5 Jun 2016 11:12

Instrument :

BNA_F

ClientSampled :

SW2

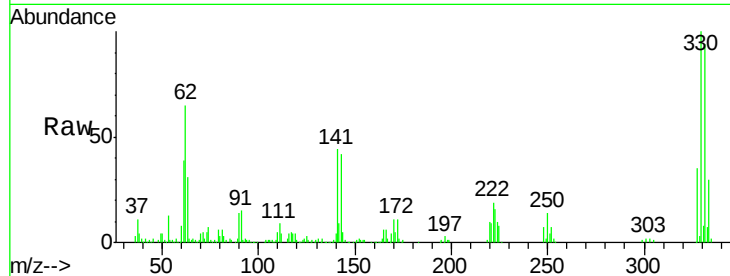
Tgt Ion:248 Resp: 15934

Ion Ratio Lower Upper

248 100

250 194.9 77.1 115.7#

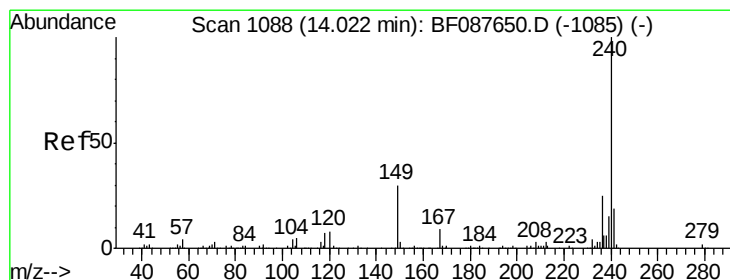
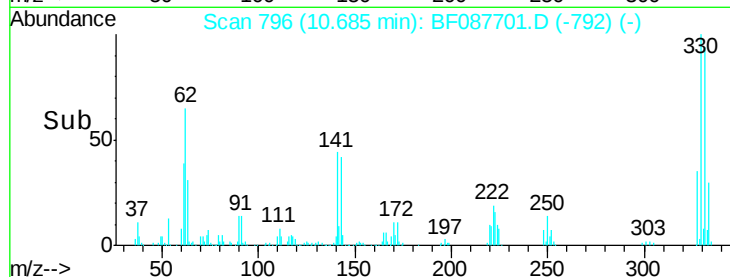
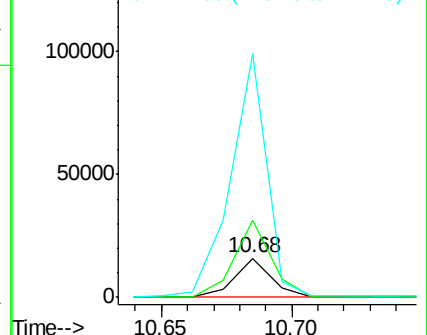
141 619.5 50.6 76.0#



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: BF087701.D

Acq: 5 Jun 2016 11:12

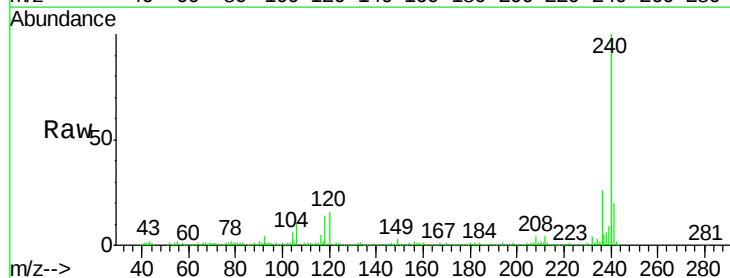
Tgt Ion:240 Resp: 292101

Ion Ratio Lower Upper

240 100

120 15.7 6.8 10.2#

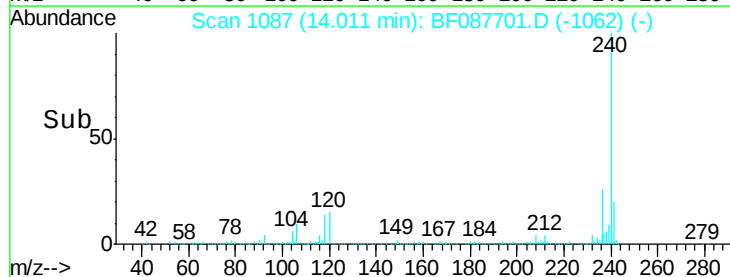
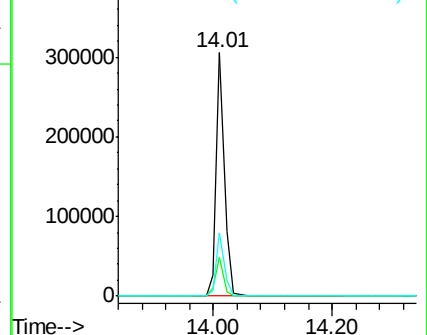
236 25.9 20.2 30.2

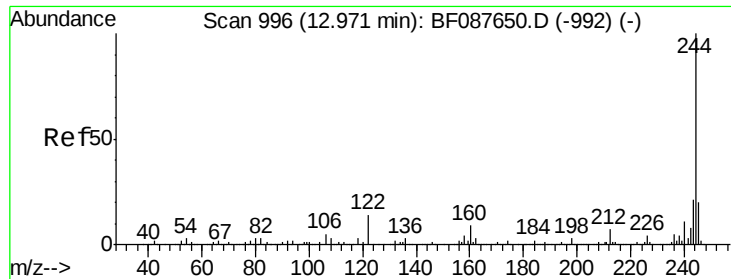


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

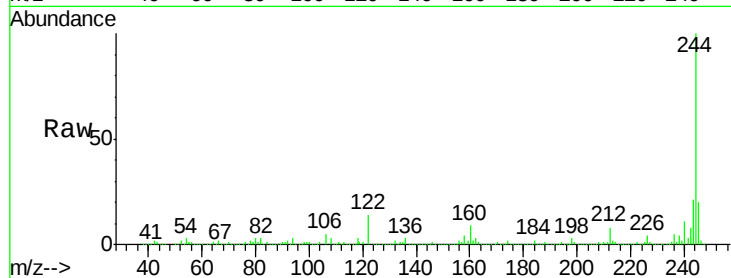




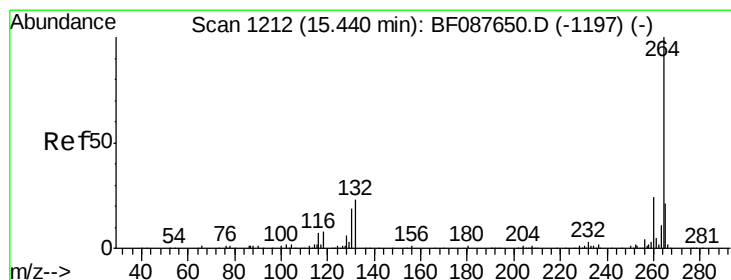
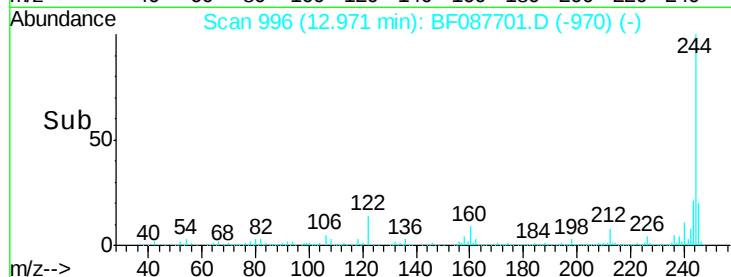
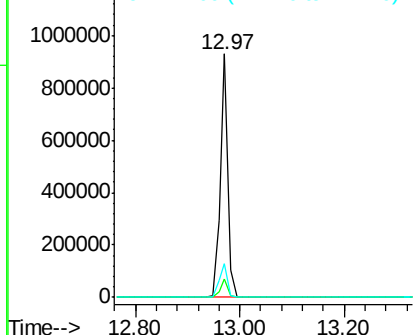
#78
 Terphenyl-d14
 Concen: 77.35 ng
 RT: 12.97 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF087701.D
 Acq: 5 Jun 2016 11:12

Instrument :
 BNA_F
 ClientSampleId :
 SW2

Tgt Ion:244 Resp: 925940
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 14.0 11.2 16.8

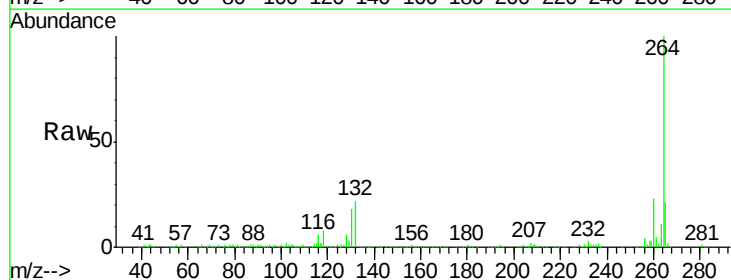


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF087701.D
 Acq: 5 Jun 2016 11:12

Tgt Ion:264 Resp: 249116
 Ion Ratio Lower Upper
 264 100
 260 23.3 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

