

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061715\
 Data File : BF080038.D
 Acq On : 17 Jun 2015 22:56
 Operator : TP/IZ
 Sample : G2651-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NC-HB-001

Quant Time: Jun 18 01:01:38 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 16:41:53 2015
 Response via : Initial Calibration

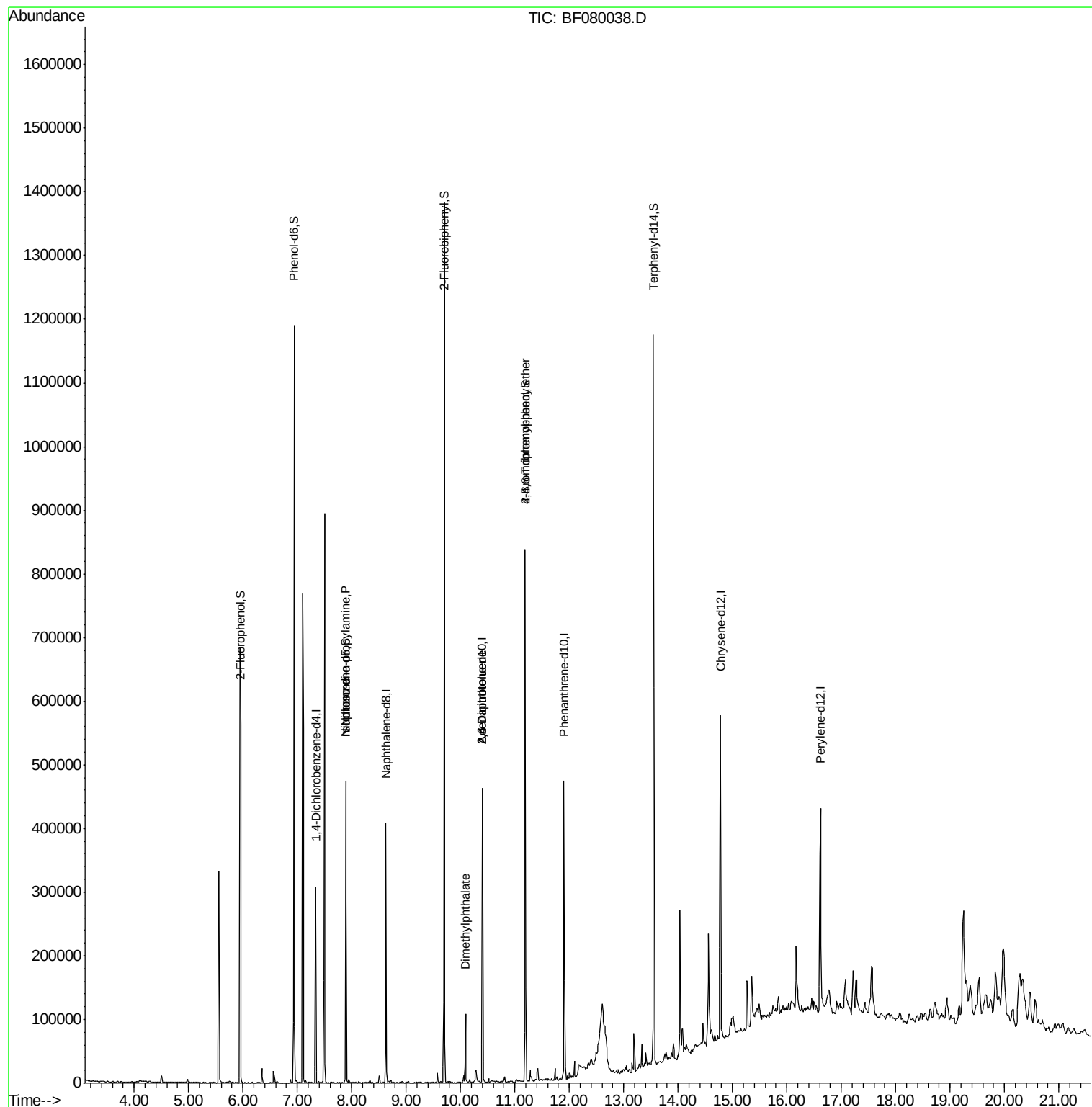
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	41542	20.00	ng	0.00
21) Naphthalene-d8	8.63	136	159660	20.00	ng	0.00
38) Acenaphthene-d10	10.40	164	82235	20.00	ng	0.00
63) Phenanthrene-d10	11.90	188	157685	20.00	ng	-0.01
75) Chrysene-d12	14.78	240	186179	20.00	ng	-0.08
86) Perylene-d12	16.62	264	188862	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.96	112	249958	106.51	ng	0.01
7) Phenol-d6	6.94	99	342597	109.71	ng	0.00
23) Nitrobenzene-d5	7.89	82	181490	66.18	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	82503	102.60	ng	-0.01
44) 2-Fluorobiphenyl	9.70	172	373204	64.72	ng	0.00
78) Terphenyl-d14	13.55	244	437633	54.90	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.89	70	23032	10.62	ng	# 66
25) Isophorone	7.89	82	180263	32.66	ng	# 58
49) Dimethylphthalate	10.09	163	42824	6.93	ng	# 97
50) 2,6-Dinitrotoluene	10.40	165	10503	8.47	ng	# 37
56) 2,4-Dinitrotoluene	10.40	165	10501	6.68	ng	# 31
66) 4-Bromophenyl-phenylether	11.19	248	5999	3.58	ng	# 1

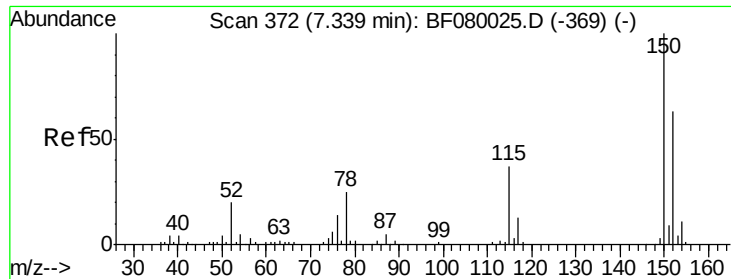
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 17 16:41:53 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.34 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF080038.D

Acq: 17 Jun 2015 22:56

Instrument :

BNA_F

ClientSampleId :

NC-HB-001

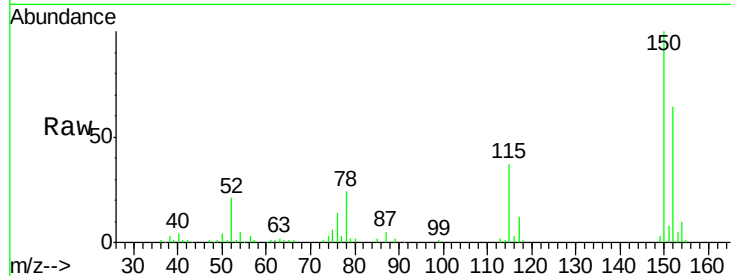
Tgt Ion:152 Resp: 41542

Ion Ratio Lower Upper

152 100

150 155.3 124.7 187.1

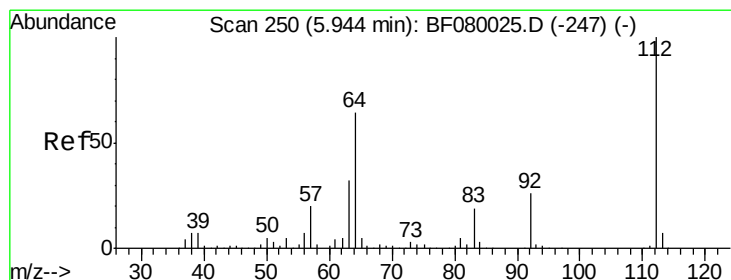
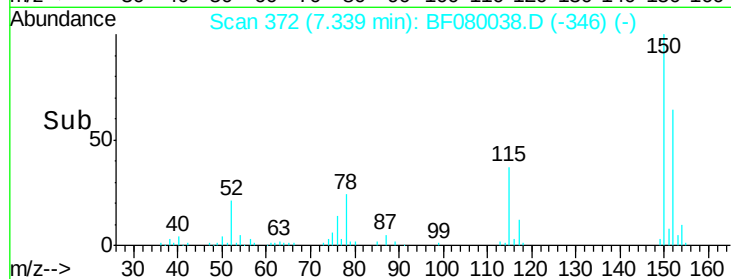
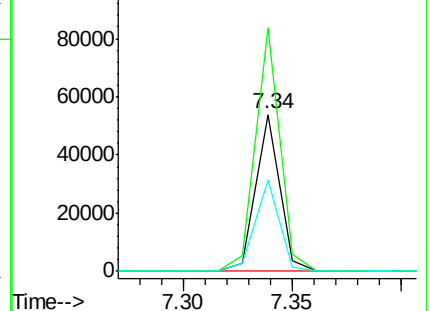
115 58.2 39.0 58.4



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: 106.51 ng

RT: 5.96 min Scan# 251

Delta R.T. 0.01 min

Lab File: BF080038.D

Acq: 17 Jun 2015 22:56

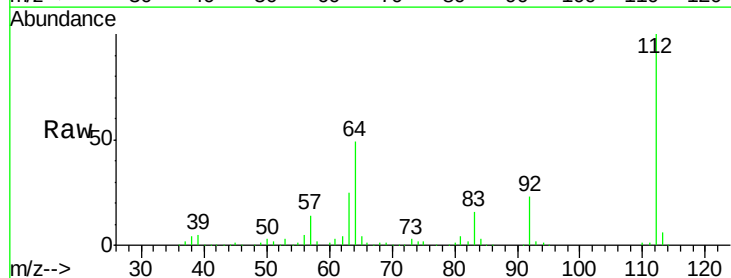
Tgt Ion:112 Resp: 249958

Ion Ratio Lower Upper

112 100

64 48.7 39.7 59.5

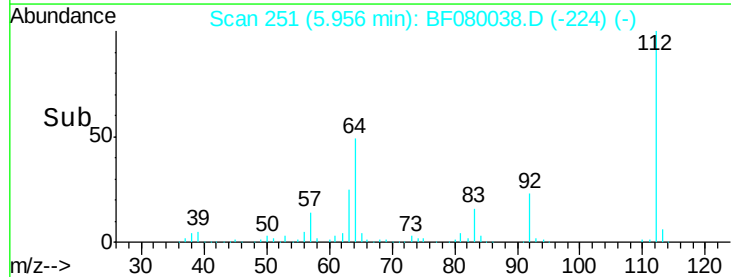
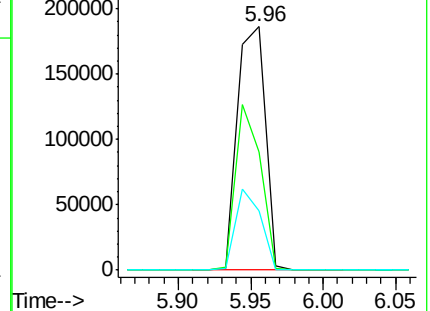
63 24.5 17.4 26.0

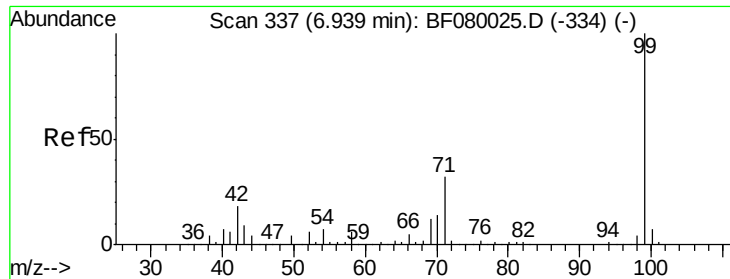


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.71 ng

RT: 6.94 min Scan# 337

Delta R.T. 0.00 min

Lab File: BF080038.D

Acq: 17 Jun 2015 22:56

Instrument :

BNA_F

ClientSampleId :

NC-HB-001

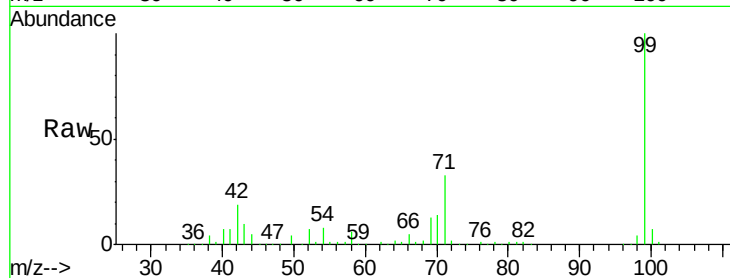
Tgt Ion: 99 Resp: 342597

Ion Ratio Lower Upper

99 100

42 19.0 13.7 20.5

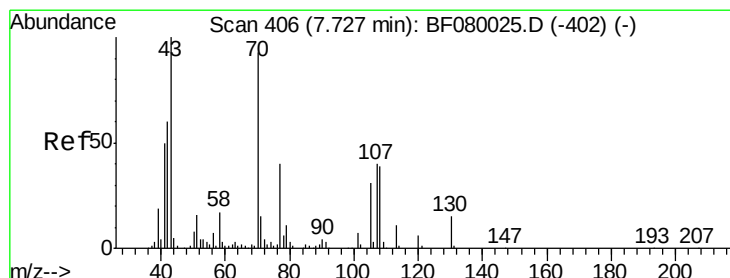
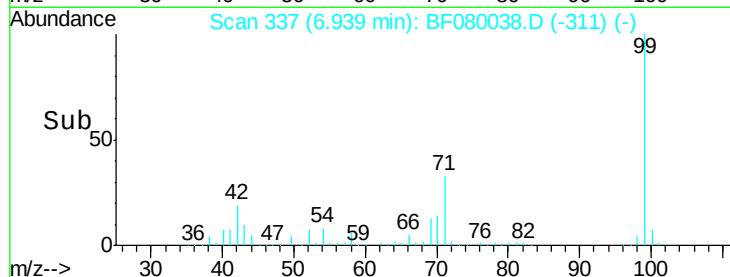
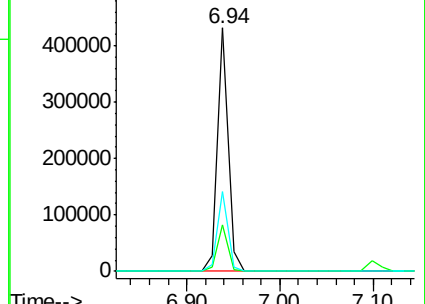
71 32.7 14.2 21.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.62 ng

RT: 7.89 min Scan# 420

Delta R.T. 0.15 min

Lab File: BF080038.D

Acq: 17 Jun 2015 22:56

Tgt Ion: 70 Resp: 23032

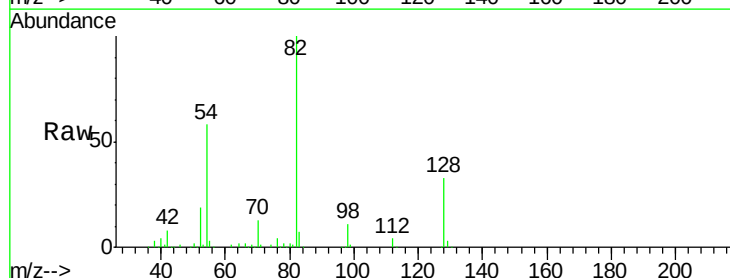
Ion Ratio Lower Upper

70 100

42 57.8 63.8 95.6#

101 0.0 9.2 13.8#

130 1.6 27.3 40.9#

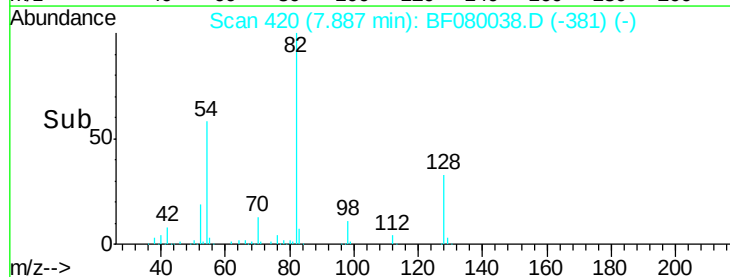
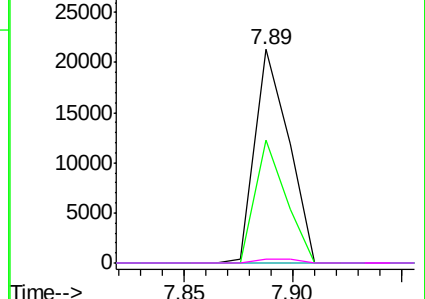


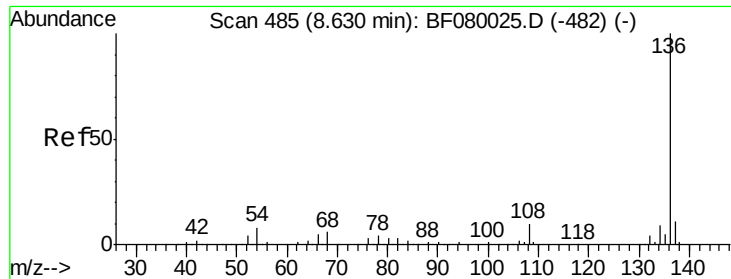
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

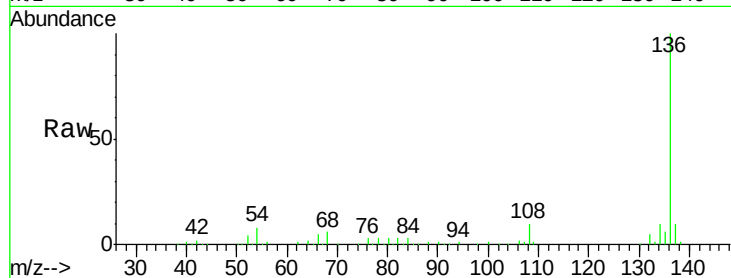




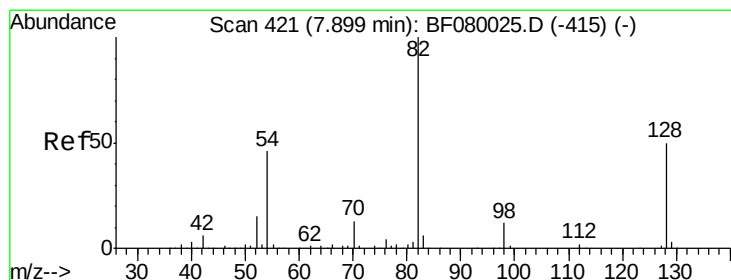
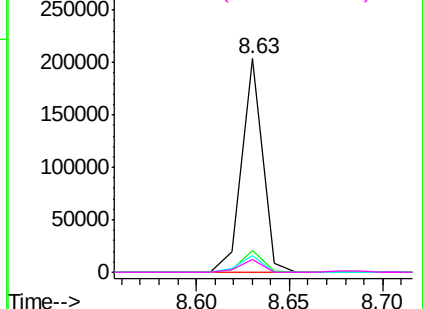
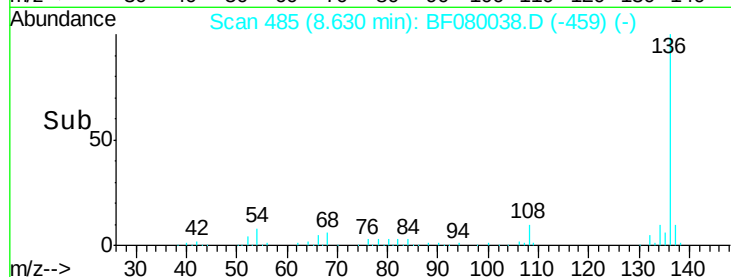
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.63 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF080038.D
Acq: 17 Jun 2015 22:56

Instrument :
BNA_F
ClientSampleId :
NC-HB-001

Tgt Ion:	136	Resp:	159660
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.6
54	7.8	8.2	12.2#
68	5.9	5.8	8.6

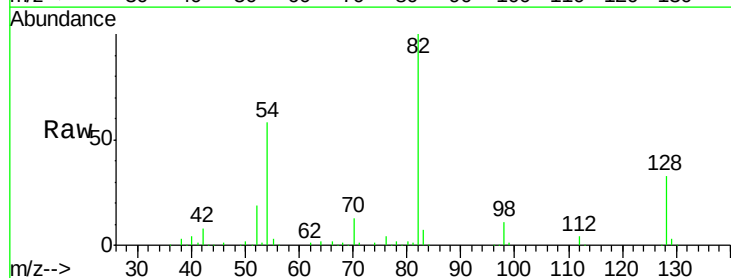


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

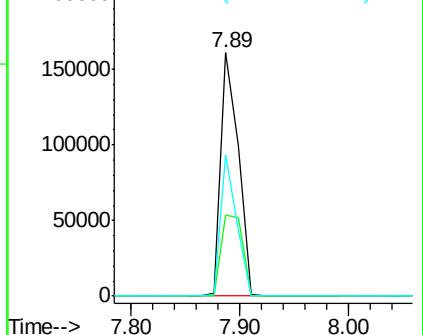
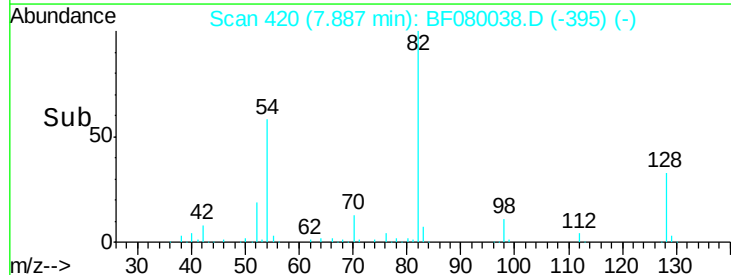


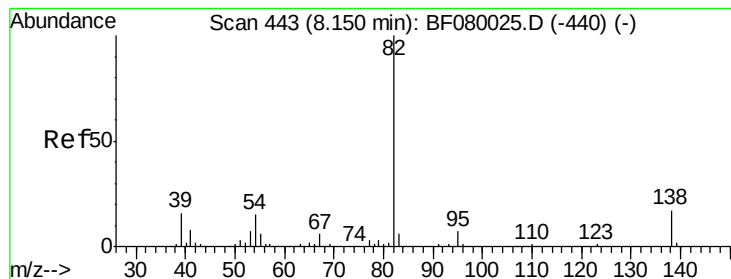
#23
Nitrobenzene-d5
Concen: 66.18 ng
RT: 7.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF080038.D
Acq: 17 Jun 2015 22:56

Tgt Ion:	82	Resp:	181490
Ion	Ratio	Lower	Upper
82	100		
128	33.4	51.0	76.6#
54	58.2	47.5	71.3



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





#25

Isophorone

Concen: 32.66 ng

RT: 7.89 min Scan# 420

Delta R.T. -0.26 min

Lab File: BF080038.D

Acq: 17 Jun 2015 22:56

Instrument :

BNA_F

ClientSampleId :

NC-HB-001

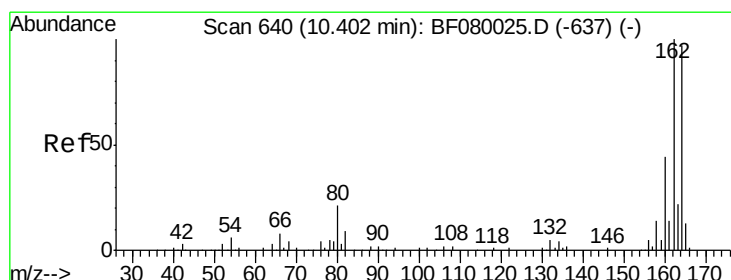
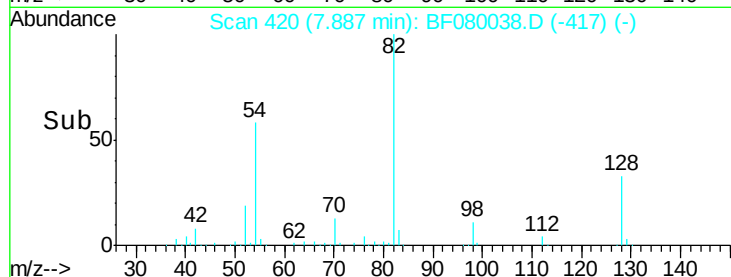
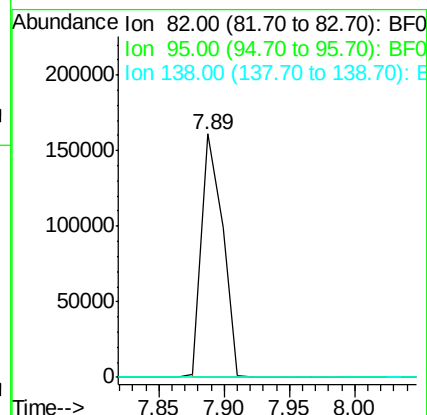
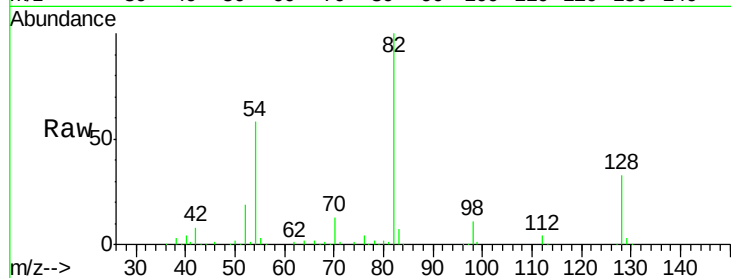
Tgt Ion: 82 Resp: 180263

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.40 min Scan# 640

Delta R.T. 0.00 min

Lab File: BF080038.D

Acq: 17 Jun 2015 22:56

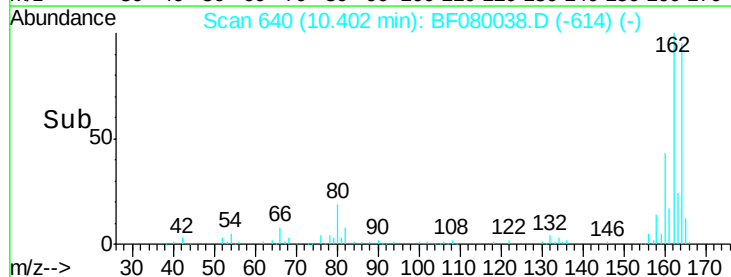
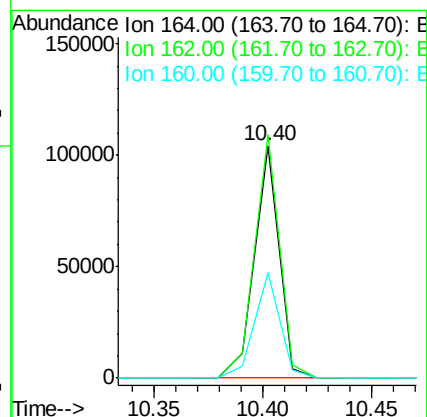
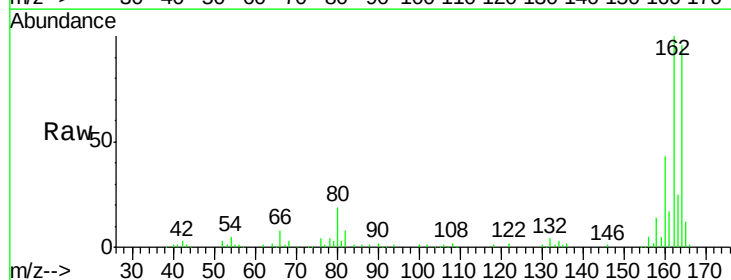
Tgt Ion: 164 Resp: 82235

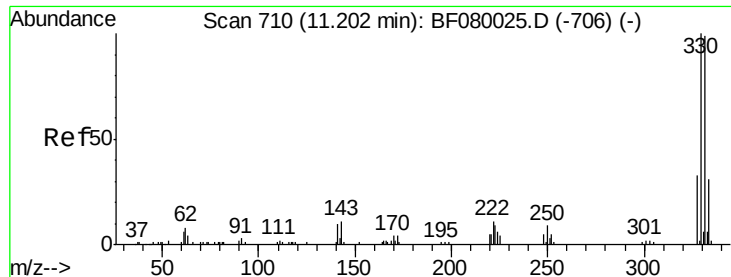
Ion Ratio Lower Upper

164 100

162 104.7 75.2 112.8

160 45.3 31.5 47.3

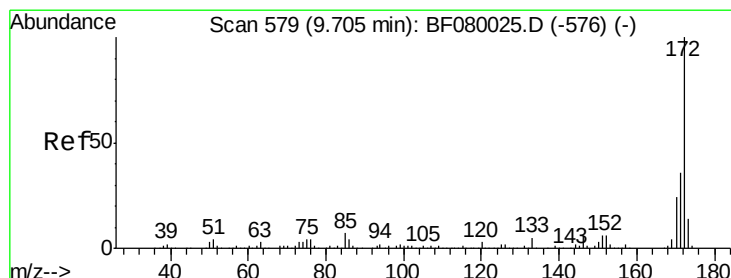
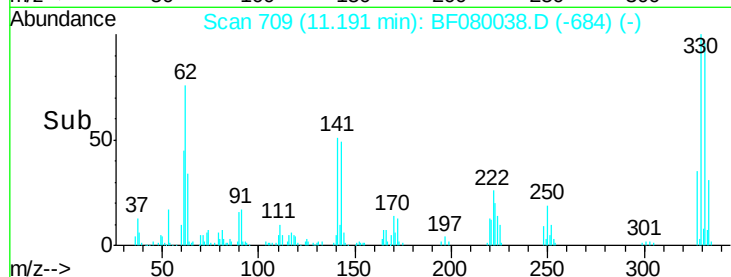
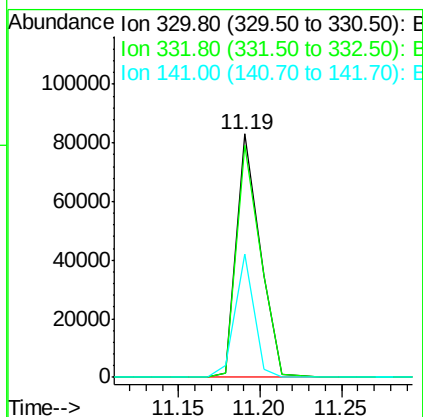
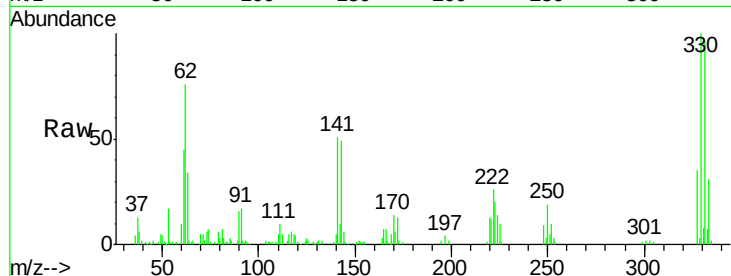




#41
 2,4,6-Tribromophenol
 Concen: 102.60 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF080038.D
 Acq: 17 Jun 2015 22:56

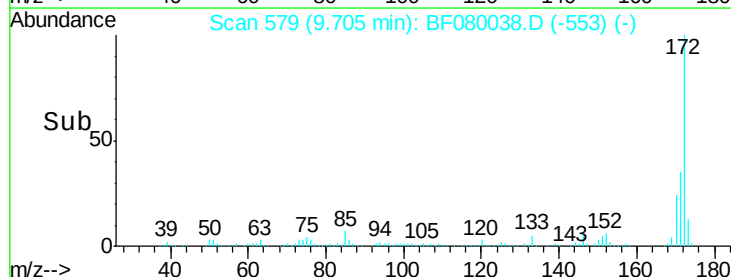
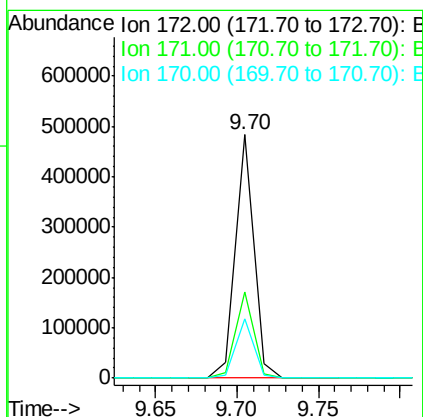
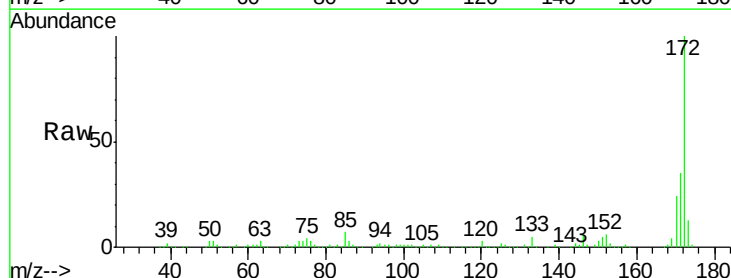
Instrument :
 BNA_F
 ClientSampled :
 NC-HB-001

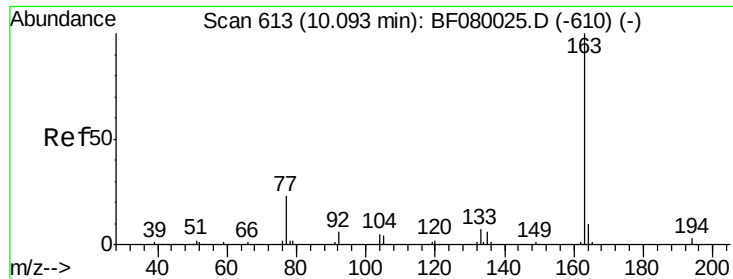
Tgt Ion:330 Resp: 82503
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 40.8 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 64.72 ng
 RT: 9.70 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF080038.D
 Acq: 17 Jun 2015 22:56

Tgt Ion:172 Resp: 373204
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.1 39.1
 170 24.4 17.4 26.2

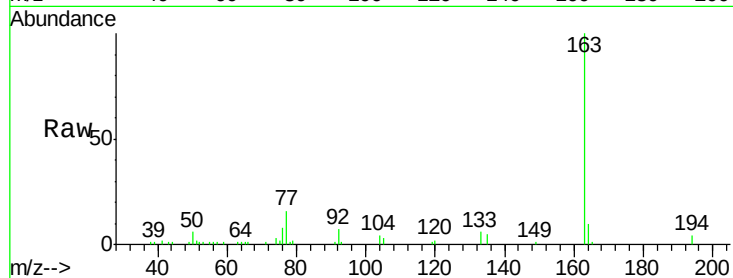




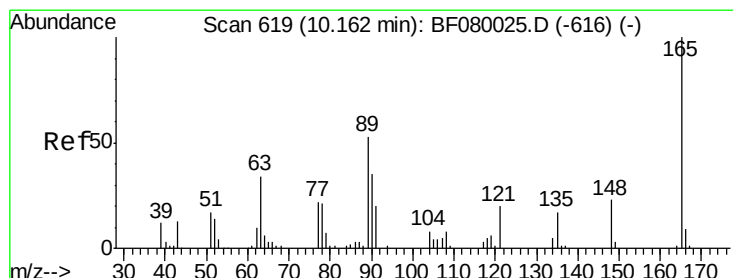
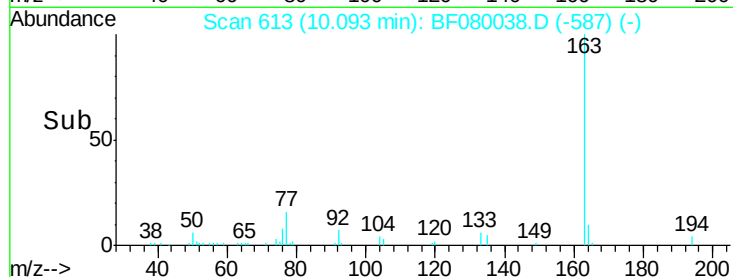
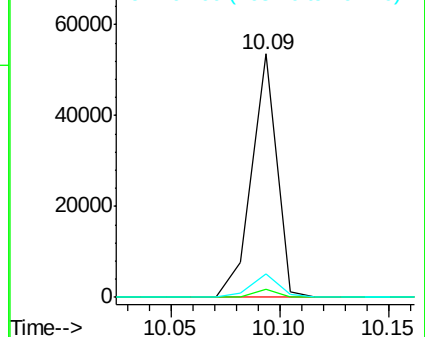
#49
Dimethylphthalate
Concen: 6.93 ng
RT: 10.09 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF080038.D
Acq: 17 Jun 2015 22:56

Instrument :
BNA_F
ClientSampleId :
NC-HB-001

Tgt Ion:163 Resp: 42824
Ion Ratio Lower Upper
163 100
194 3.5 4.4 6.6#
164 9.7 8.3 12.5

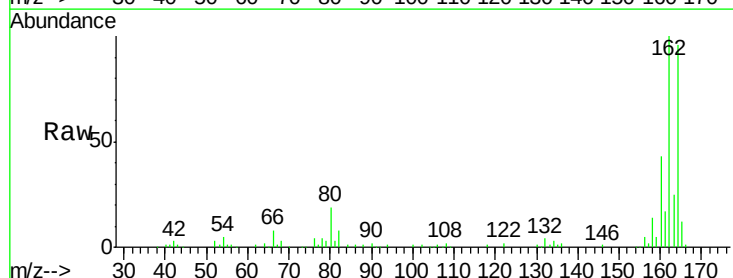


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

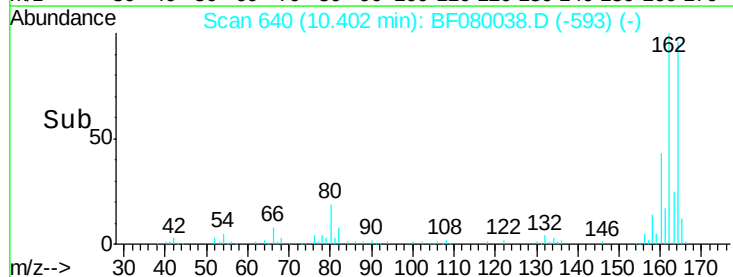
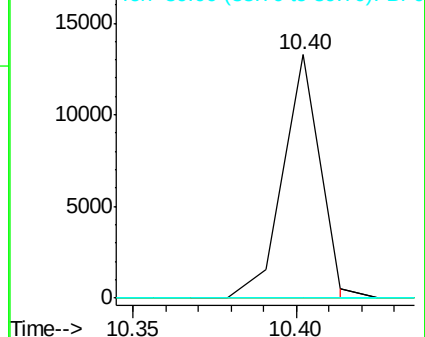


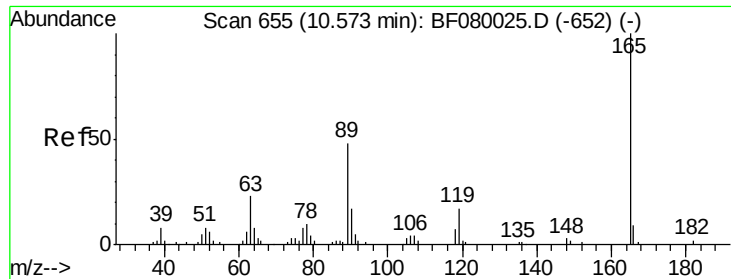
#50
2,6-Dinitrotoluene
Concen: 8.47 ng
RT: 10.40 min Scan# 640
Delta R.T. 0.24 min
Lab File: BF080038.D
Acq: 17 Jun 2015 22:56

Tgt Ion:165 Resp: 10503
Ion Ratio Lower Upper
165 100
63 0.0 32.3 48.5#
89 0.0 28.6 43.0#



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





#56

2,4-Dinitrotoluene

Concen: 6.68 ng

RT: 10.40 min Scan# 640

Delta R.T. -0.17 min

Lab File: BF080038.D

Acq: 17 Jun 2015 22:56

Instrument :

BNA_F

ClientSampleId :

NC-HB-001

Tgt Ion:165 Resp: 10501

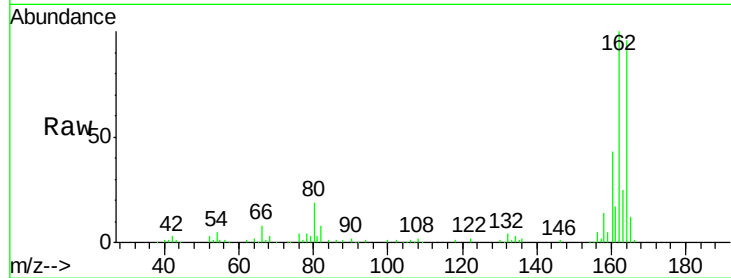
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

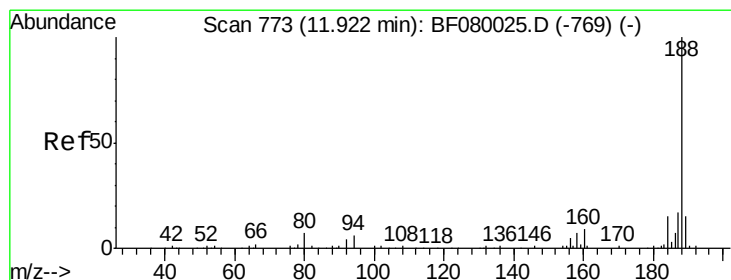
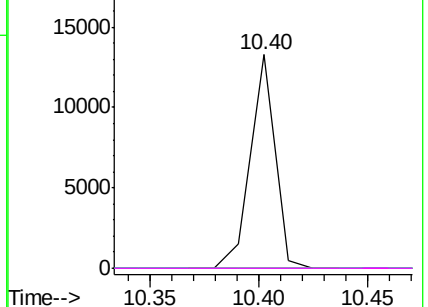
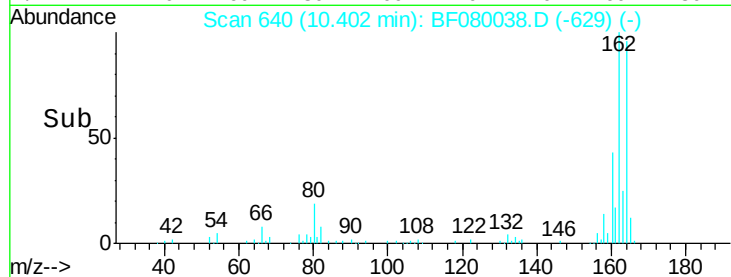


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.90 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF080038.D

Acq: 17 Jun 2015 22:56

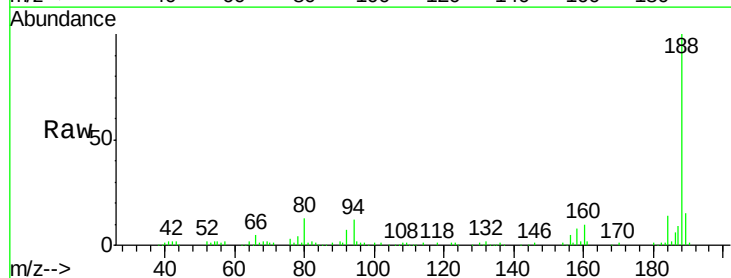
Tgt Ion:188 Resp: 157685

Ion Ratio Lower Upper

188 100

94 11.6 11.1 16.7

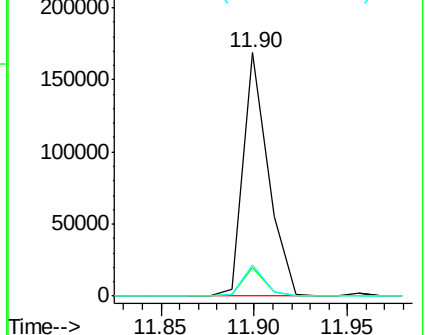
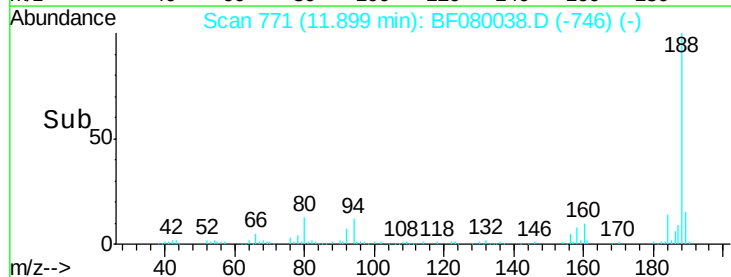
80 13.0 11.0 16.4

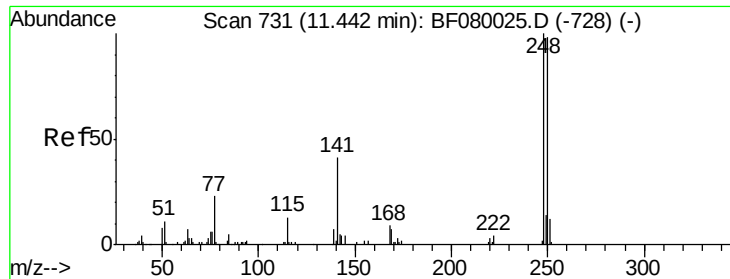


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

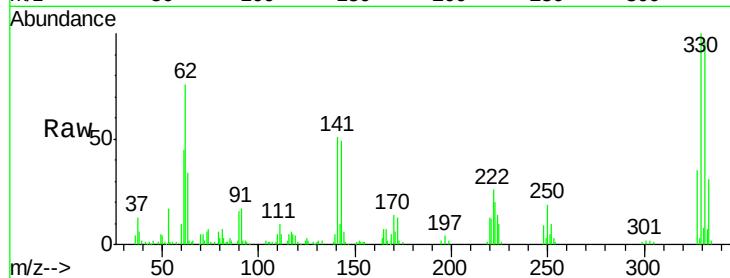




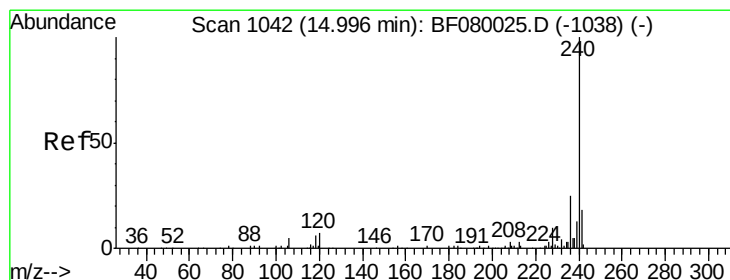
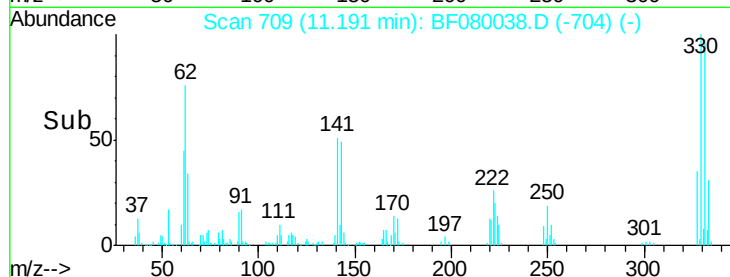
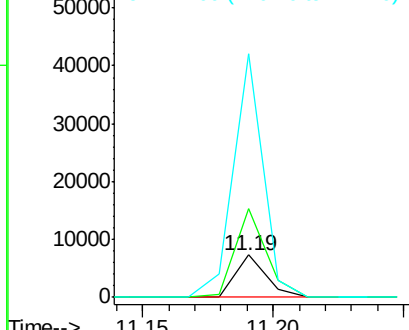
#66
 4-Bromophenyl-phenylether
 Concen: 3.58 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.24 min
 Lab File: BF080038.D
 Acq: 17 Jun 2015 22:56

Instrument :
 BNA_F
 ClientSampled :
 NC-HB-001

Tgt Ion:248 Resp: 5999
 Ion Ratio Lower Upper
 248 100
 250 209.4 78.5 117.7#
 141 571.8 59.0 88.6#

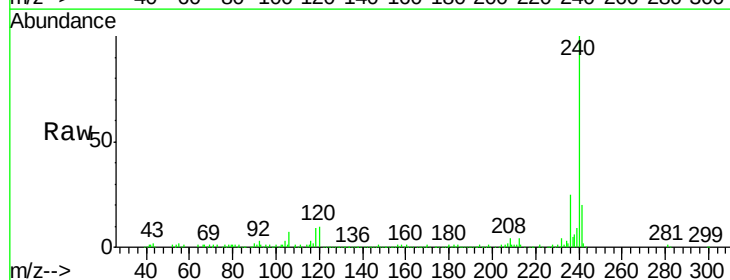


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

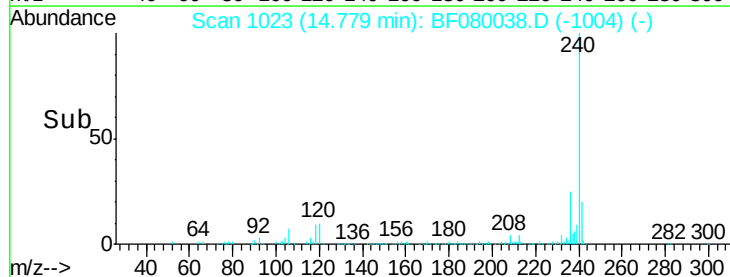
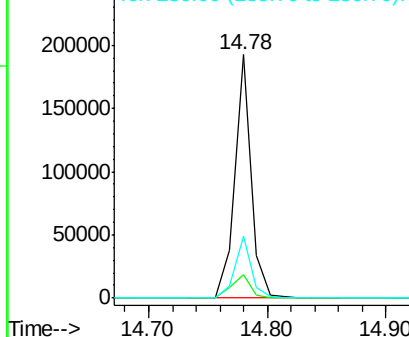


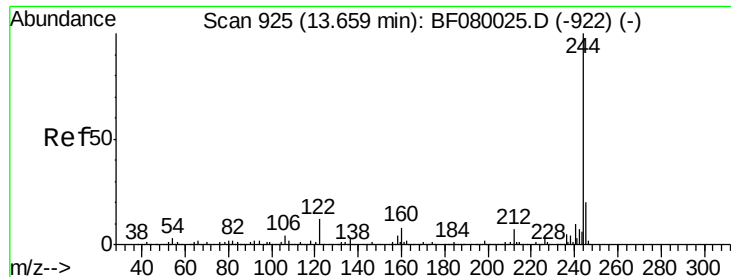
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.78 min Scan# 1023
 Delta R.T. -0.08 min
 Lab File: BF080038.D
 Acq: 17 Jun 2015 22:56

Tgt Ion:240 Resp: 186179
 Ion Ratio Lower Upper
 240 100
 120 9.9 16.2 24.2#
 236 25.5 18.4 27.6



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: 54.90 ng

RT: 13.55 min Scan# 915

Delta R.T. -0.04 min

Lab File: BF080038.D

Acq: 17 Jun 2015 22:56

Instrument :

BNA_F

ClientSampleId :

NC-HB-001

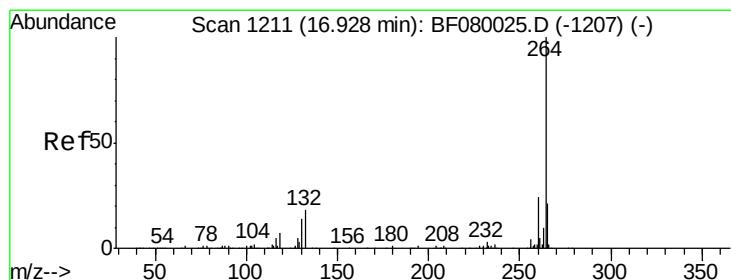
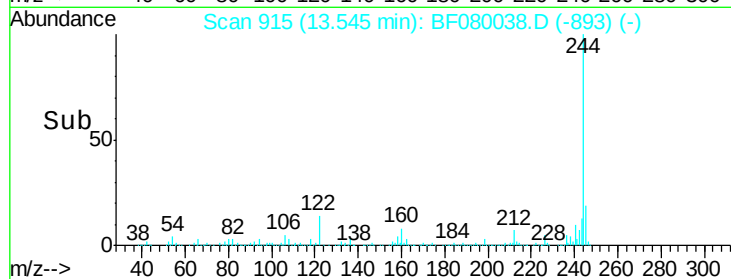
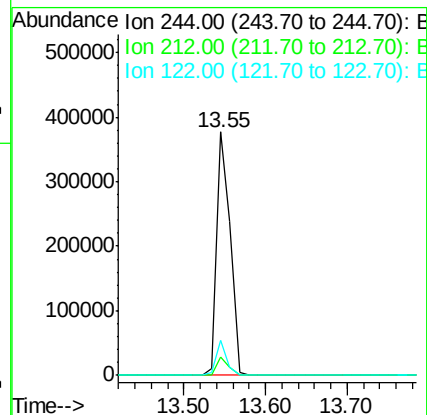
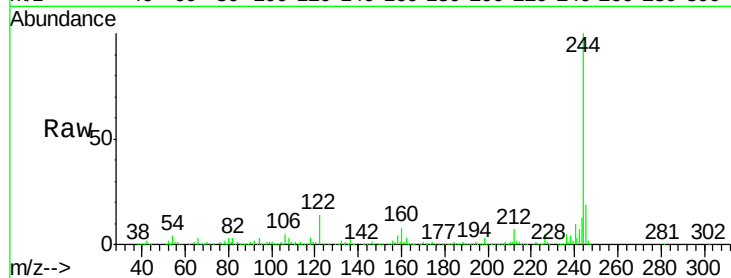
Tgt Ion:244 Resp: 437633

Ion Ratio Lower Upper

244 100

212 7.3 4.3 6.5#

122 14.2 17.4 26.2#



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.62 min Scan# 1184

Delta R.T. -0.13 min

Lab File: BF080038.D

Acq: 17 Jun 2015 22:56

Tgt Ion:264 Resp: 188862

Ion Ratio Lower Upper

264 100

260 24.0 16.7 25.1

265 21.9 17.2 25.8

