

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
 Data File : BF080099.D
 Acq On : 22 Jun 2015 17:37
 Operator : TP/IZ
 Sample : G2716-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AC-UNDERCUT(0-2)-2

Quant Time: Jun 23 01:03:38 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

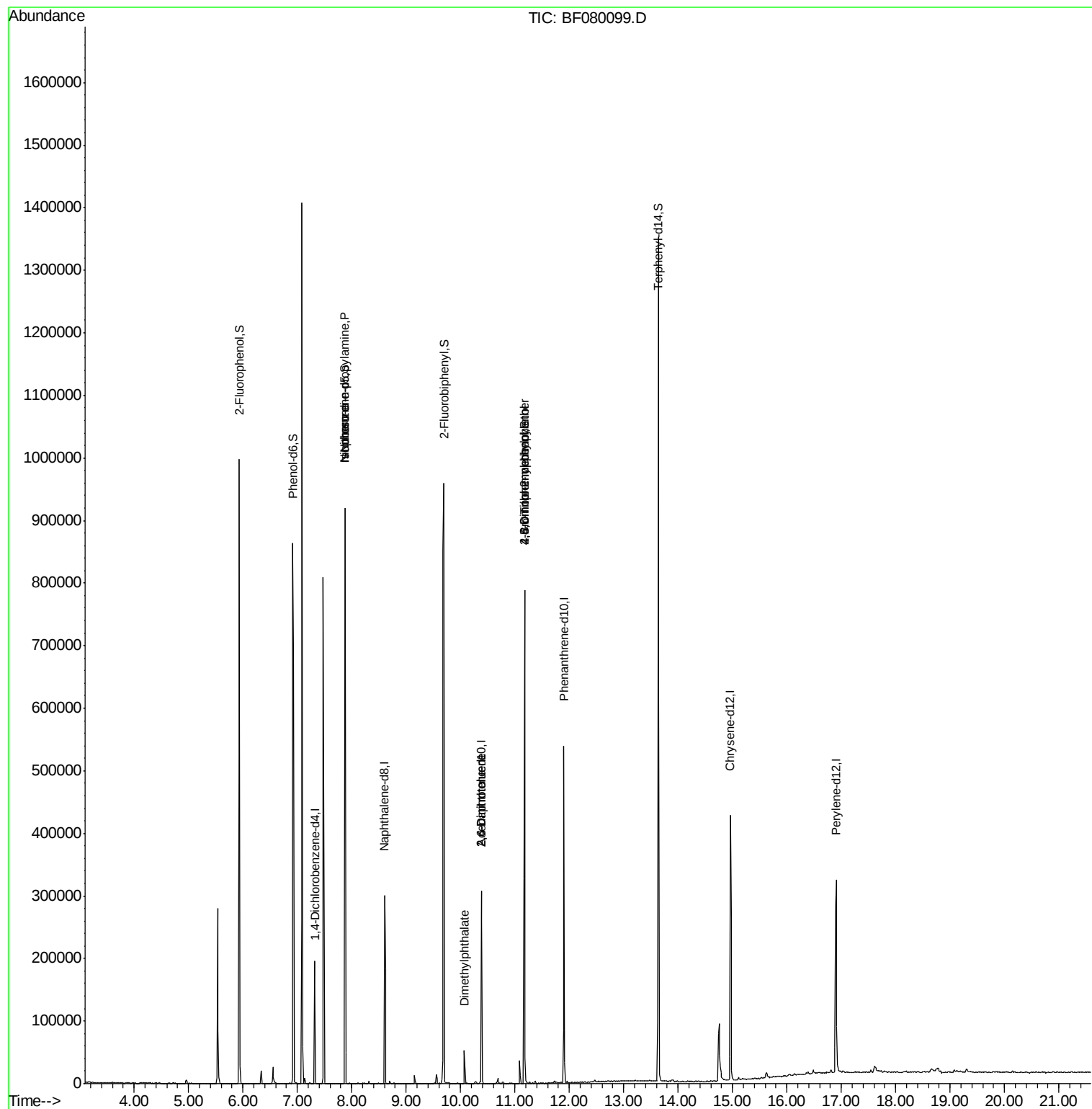
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	40625	20.00	ng	0.00
21) Naphthalene-d8	8.61	136	165806	20.00	ng	-0.01
38) Acenaphthene-d10	10.38	164	84944	20.00	ng	-0.01
63) Phenanthrene-d10	11.90	188	187029	20.00	ng	-0.01
75) Chrysene-d12	14.96	240	199909	20.00	ng	-0.03
86) Perylene-d12	16.91	264	192154	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	310363	135.24	ng	0.00
7) Phenol-d6	6.92	99	400952	131.29	ng	-0.01
23) Nitrobenzene-d5	7.88	82	252716	88.73	ng	0.00
41) 2,4,6-Tribromophenol	11.18	330	100641	121.16	ng	0.00
44) 2-Fluorobiphenyl	9.69	172	445583	74.81	ng	0.00
78) Terphenyl-d14	13.64	244	517254	60.43	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.88	70	32225	15.20	ng	# 60
25) Isophorone	7.88	82	252703	44.09	ng	# 58
49) Dimethylphthalate	10.07	163	24819	3.89	ng	# 96
50) 2,6-Dinitrotoluene	10.38	165	10746	8.39	ng	# 37
56) 2,4-Dinitrotoluene	10.38	165	10742	6.61	ng	# 31
64) 4,6-Dinitro-2-methylphenol	11.18	198	230	3.78	ng	# 17
66) 4-Bromophenyl-phenylether	11.18	248	7122	3.58	ng	# 1

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

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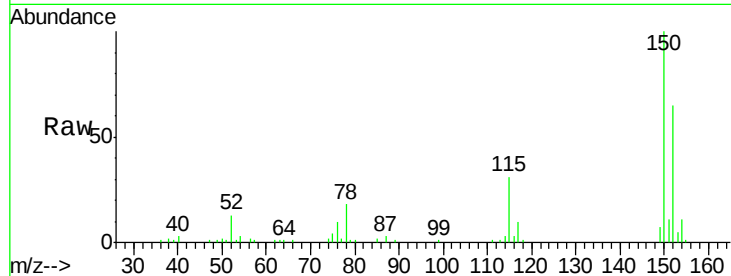


#1

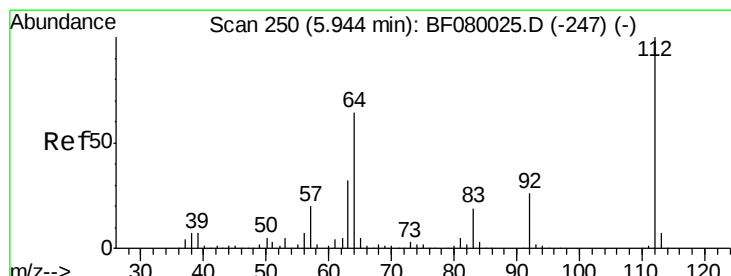
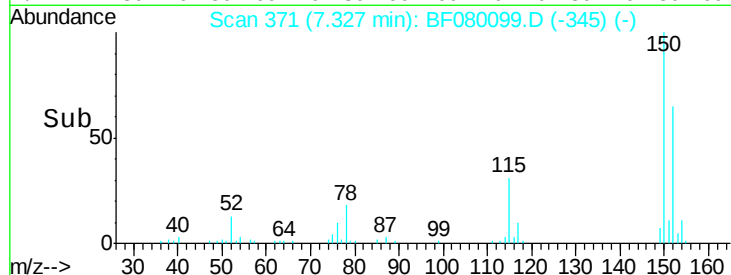
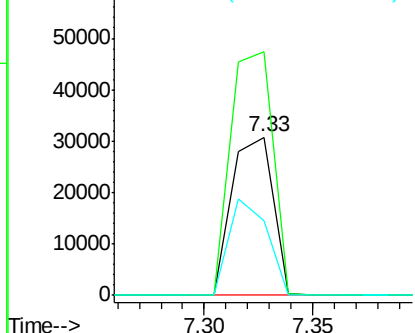
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 371
Delta R.T. -0.00 min
Lab File: BF080099.D
Acq: 22 Jun 2015 17:37

Instrument :
BNA_F
ClientSampleId :
AC-UNDERCUT(0-2)-2

Tgt Ion:152 Resp: 40625
Ion Ratio Lower Upper
152 100
150 153.7 124.7 187.1
115 47.5 39.0 58.4



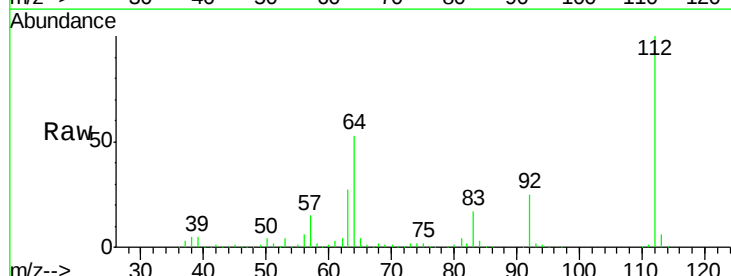
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



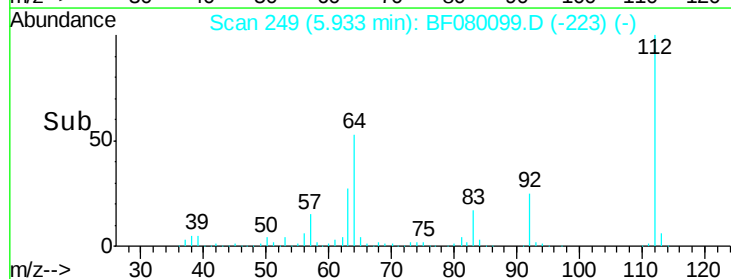
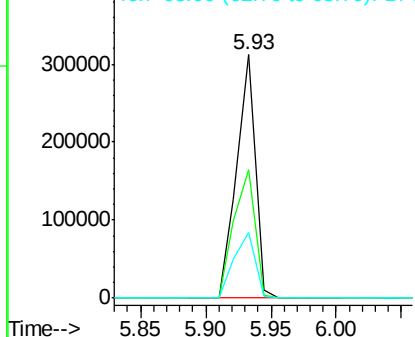
#5

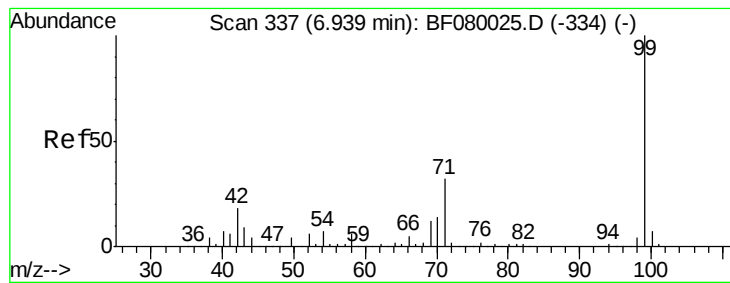
2-Fluorophenol
Concen: 135.24 ng
RT: 5.93 min Scan# 249
Delta R.T. -0.00 min
Lab File: BF080099.D
Acq: 22 Jun 2015 17:37

Tgt Ion:112 Resp: 310363
Ion Ratio Lower Upper
112 100
64 53.0 39.7 59.5
63 26.9 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: 131.29 ng

RT: 6.92 min Scan# 335

Delta R.T. -0.01 min

Lab File: BF080099.D

Acq: 22 Jun 2015 17:37

Instrument :

BNA_F

ClientSampleId :

AC-UNDERCUT(0-2)-2

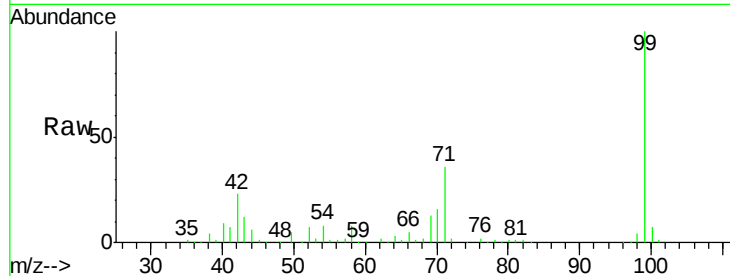
Tgt Ion: 99 Resp: 400952

Ion Ratio Lower Upper

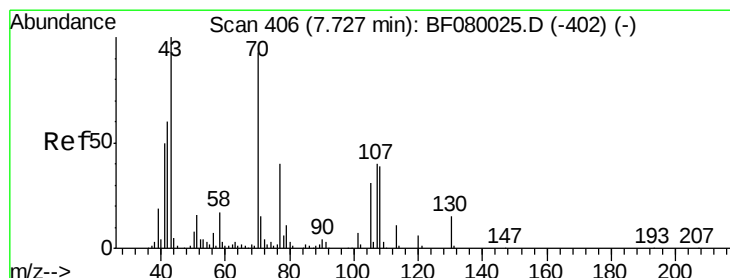
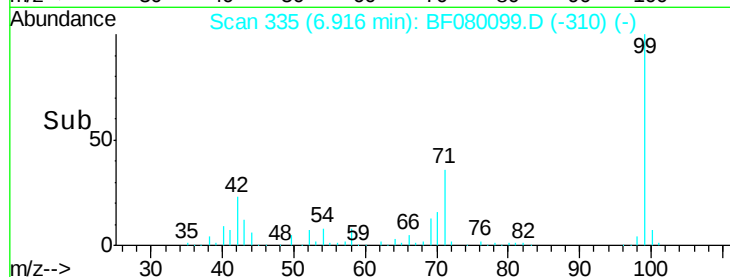
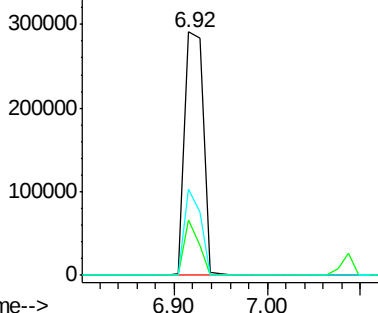
99 100

42 22.6 13.7 20.5#

71 35.6 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: 15.20 ng

RT: 7.88 min Scan# 419

Delta R.T. 0.16 min

Lab File: BF080099.D

Acq: 22 Jun 2015 17:37

Tgt Ion: 70 Resp: 32225

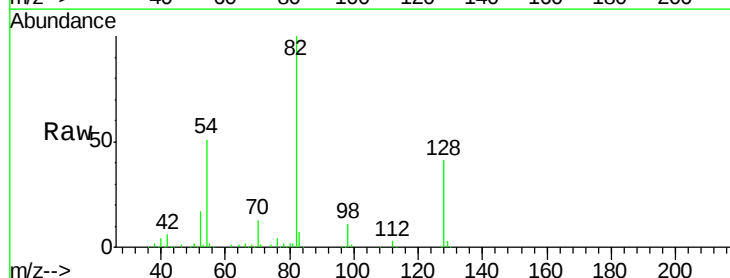
Ion Ratio Lower Upper

70 100

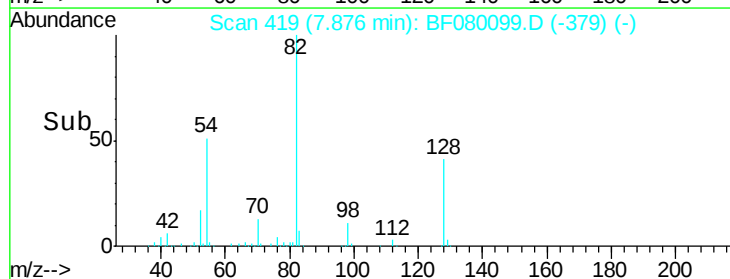
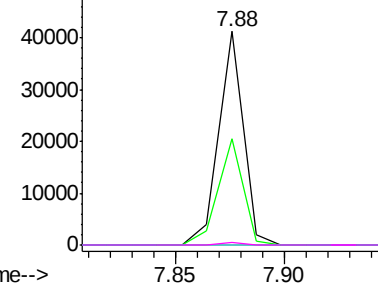
42 49.8 63.8 95.6#

101 0.0 9.2 13.8#

130 1.3 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

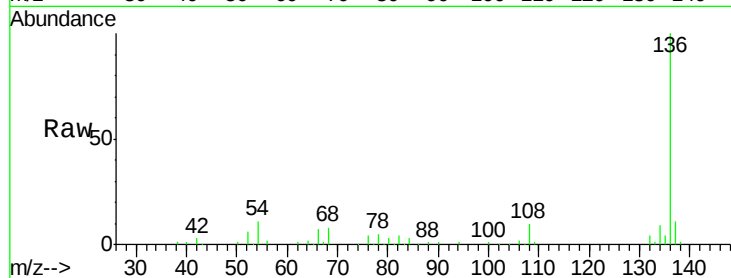




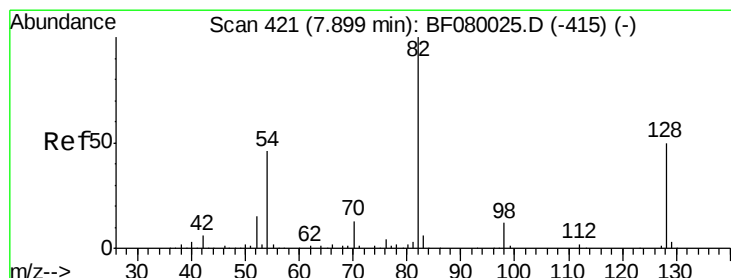
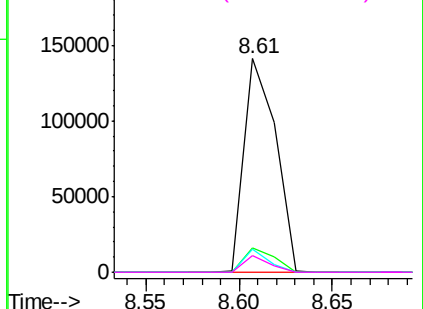
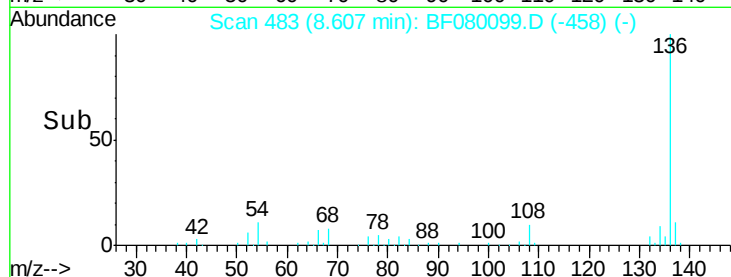
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.61 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF080099.D
Acq: 22 Jun 2015 17:37

Instrument :
BNA_F
ClientSampleId :
AC-UNDERCUT(0-2)-2

Tgt Ion:	136	Resp:	165806
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	10.7	8.2	12.2
68	7.9	5.8	8.6

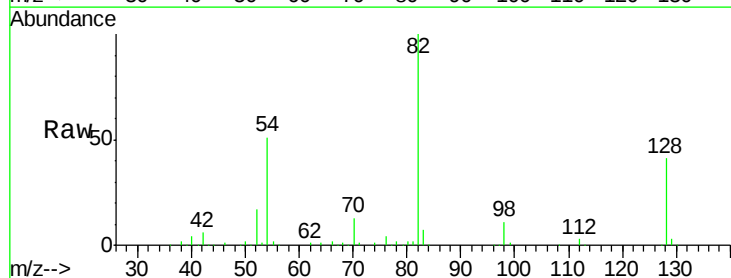


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

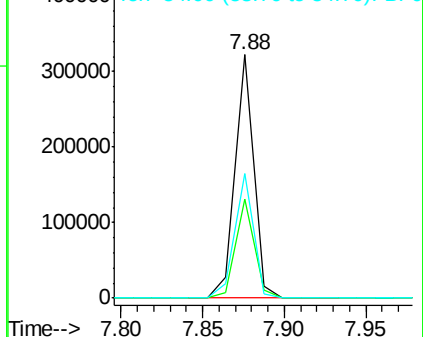
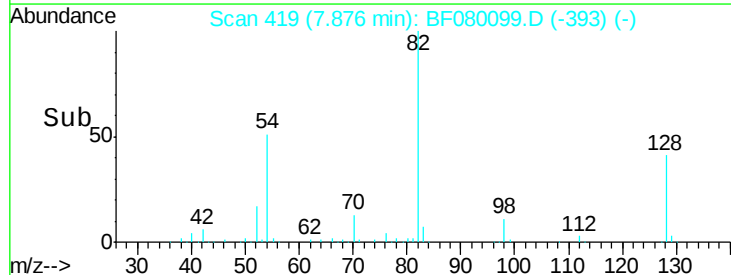


#23
Nitrobenzene-d5
Concen: 88.73 ng
RT: 7.88 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF080099.D
Acq: 22 Jun 2015 17:37

Tgt Ion:	82	Resp:	252716
Ion	Ratio	Lower	Upper
82	100		
128	40.8	51.0	76.6#
54	51.4	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: 44.09 ng

RT: 7.88 min Scan# 419

Delta R.T. -0.26 min

Lab File: BF080099.D

Acq: 22 Jun 2015 17:37

Instrument :

BNA_F

ClientSampleId :

AC-UNDERCUT(0-2)-2

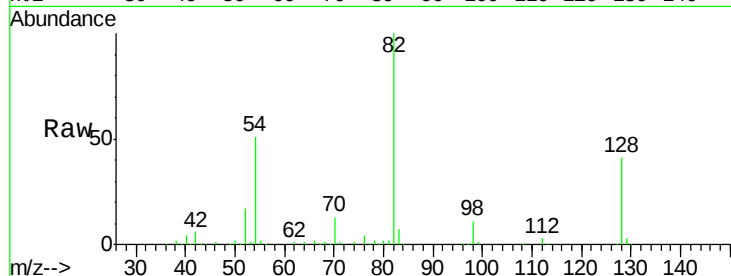
Tgt Ion: 82 Resp: 252703

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#

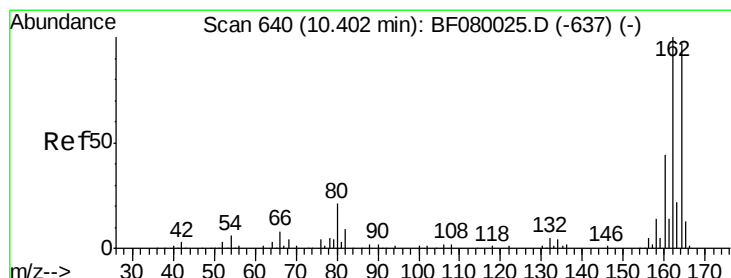
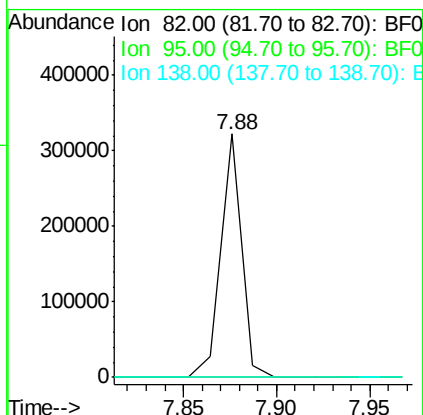
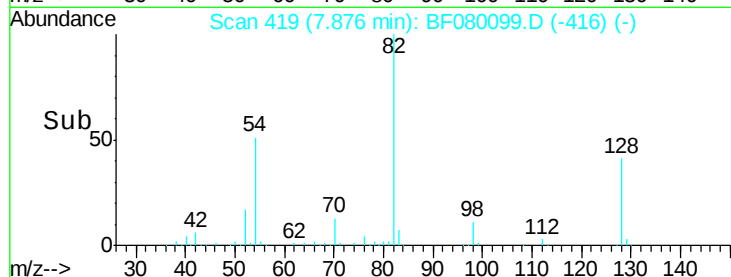


Abundance Ion 82.00 (81.70 to 82.70): BF080025.D (-440) (-)

Ion 95.00 (94.70 to 95.70): BF080025.D (-440) (-)

Ion 138.00 (137.70 to 138.70): BF080025.D (-440) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.38 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF080099.D

Acq: 22 Jun 2015 17:37

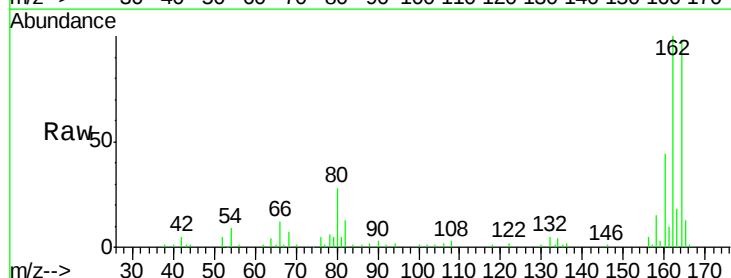
Tgt Ion: 164 Resp: 84944

Ion Ratio Lower Upper

164 100

162 102.5 75.2 112.8

160 44.8 31.5 47.3

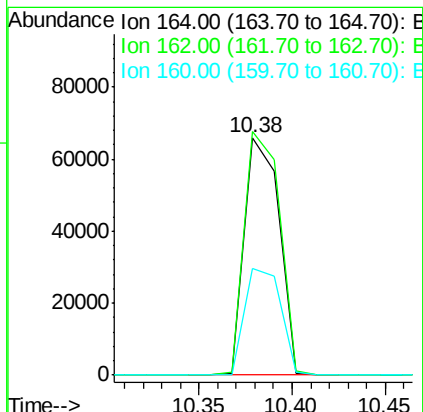
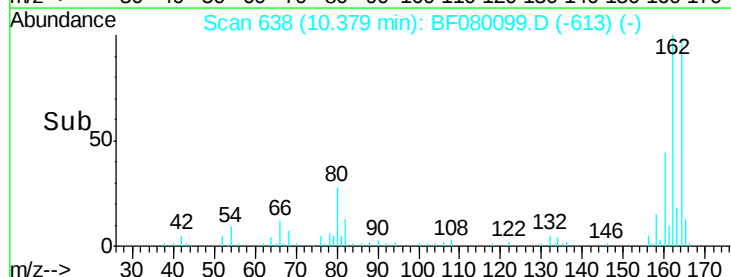


Abundance Ion 164.00 (163.70 to 164.70): BF080025.D (-637) (-)

Ion 162.00 (161.70 to 162.70): BF080025.D (-637) (-)

Ion 160.00 (159.70 to 160.70): BF080025.D (-637) (-)

Time-->

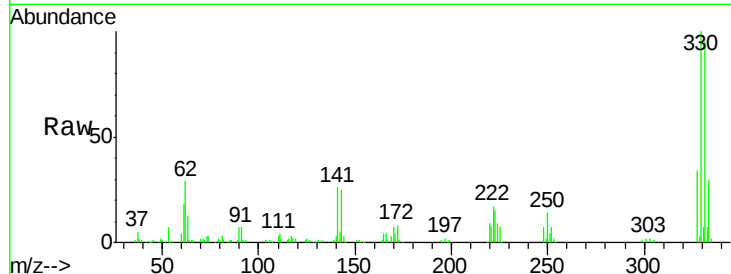




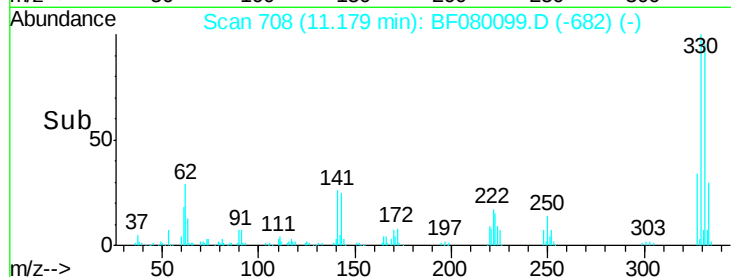
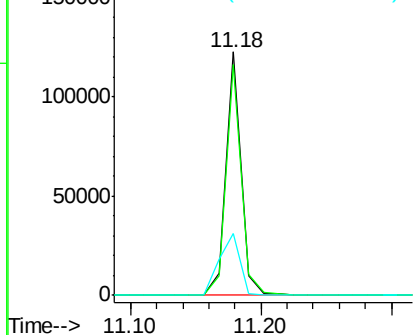
#41
 2,4,6-Tribromophenol
 Concen: 121.16 ng
 RT: 11.18 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF080099.D
 Acq: 22 Jun 2015 17:37

Instrument :
 BNA_F
 ClientSampleId :
 AC-UNDERCUT(0-2)-2

Tgt Ion:330 Resp: 100641
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 114.8
 141 34.9 29.7 44.5

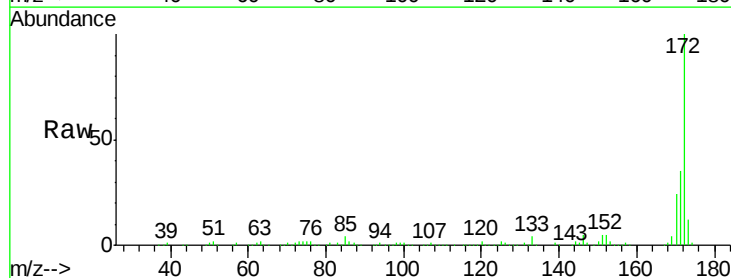


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

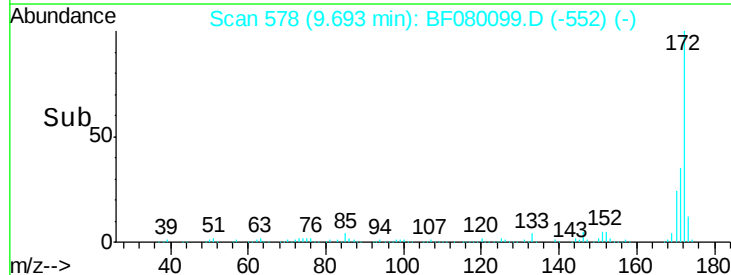
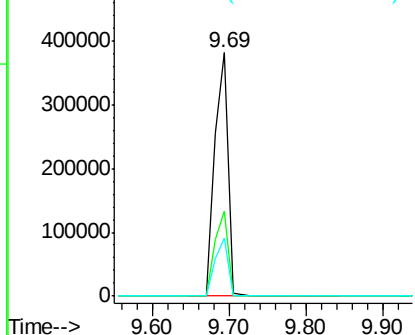


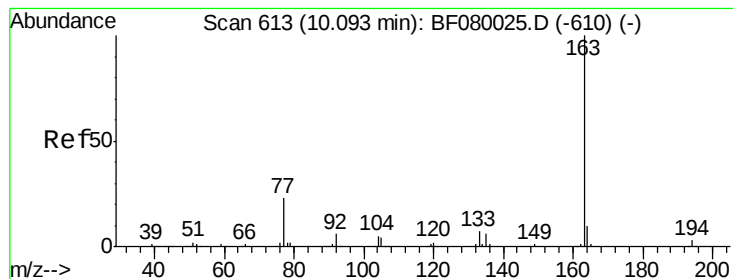
#44
 2-Fluorobiphenyl
 Concen: 74.81 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: BF080099.D
 Acq: 22 Jun 2015 17:37

Tgt Ion:172 Resp: 445583
 Ion Ratio Lower Upper
 172 100
 171 34.6 26.1 39.1
 170 23.6 17.4 26.2



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: 3.89 ng

RT: 10.07 min Scan# 611

Delta R.T. -0.01 min

Lab File: BF080099.D

Acq: 22 Jun 2015 17:37

Instrument :

BNA_F

ClientSampleId :

AC-UNDERCUT(0-2)-2

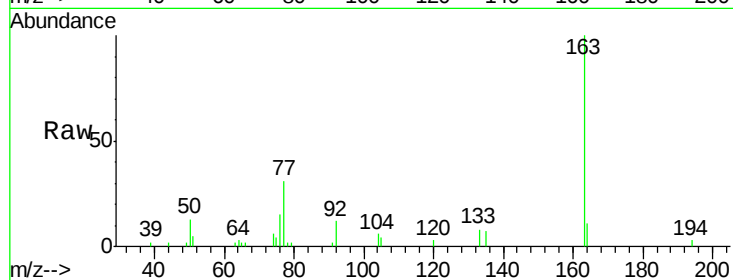
Tgt Ion:163 Resp: 24819

Ion Ratio Lower Upper

163 100

194 2.5 4.4 6.6#

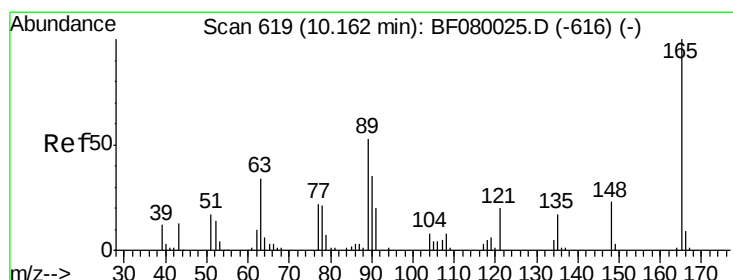
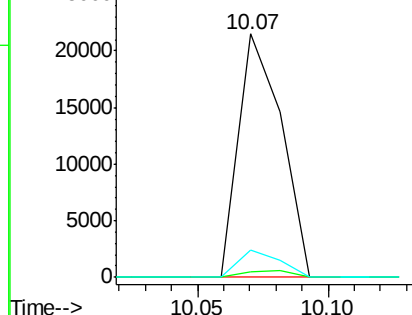
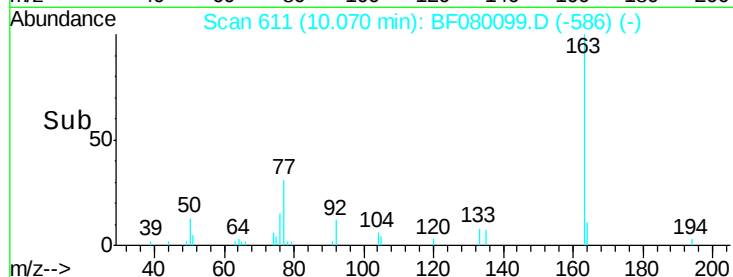
164 11.0 8.3 12.5



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: 8.39 ng

RT: 10.38 min Scan# 638

Delta R.T. 0.23 min

Lab File: BF080099.D

Acq: 22 Jun 2015 17:37

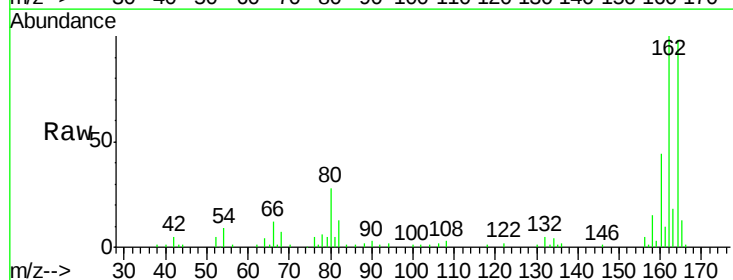
Tgt Ion:165 Resp: 10746

Ion Ratio Lower Upper

165 100

63 0.0 32.3 48.5#

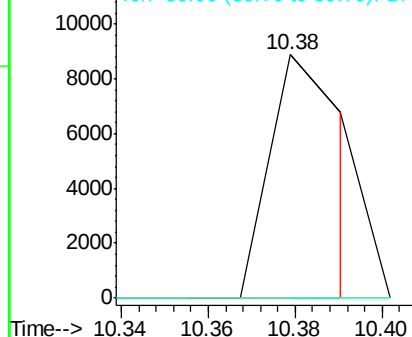
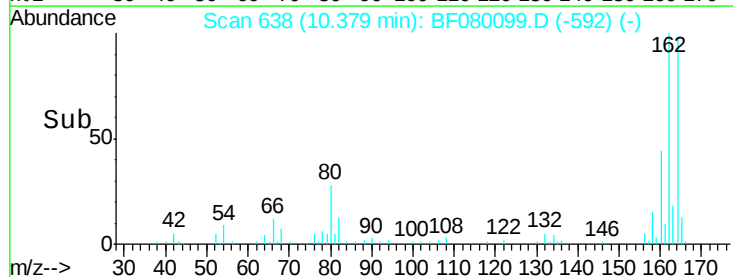
89 0.0 28.6 43.0#

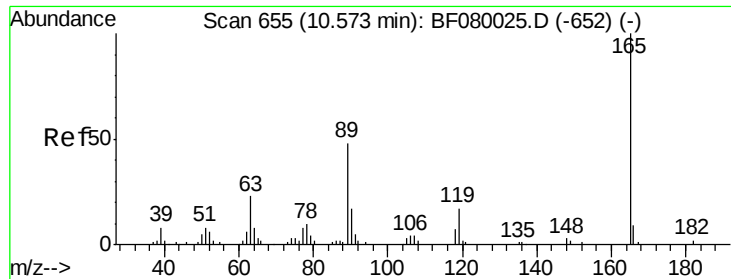


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

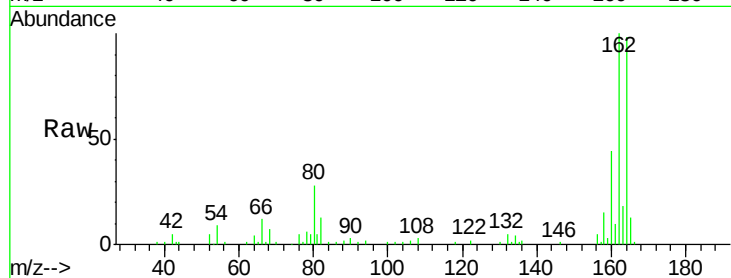




#56
 2,4-Dinitrotoluene
 Concen: 6.61 ng
 RT: 10.38 min Scan# 638
 Delta R.T. -0.17 min
 Lab File: BF080099.D
 Acq: 22 Jun 2015 17:37

Instrument :
 BNA_F
 ClientSampleId :
 AC-UNDERCUT(0-2)-2

Tgt Ion:	165	Resp:	10742
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#

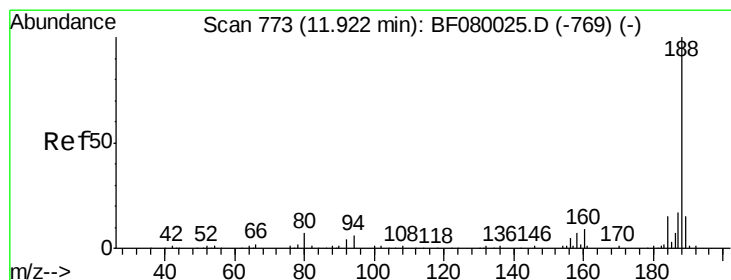
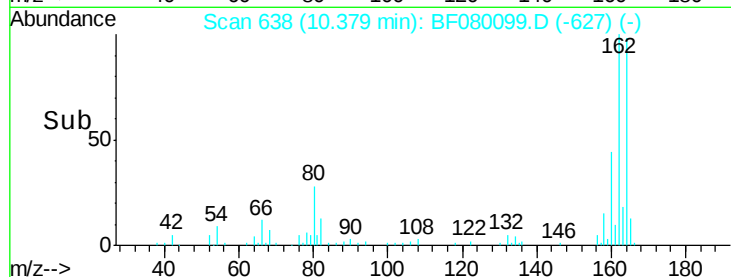
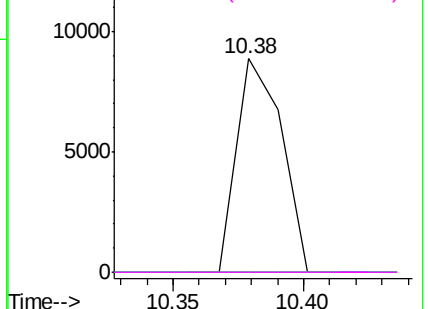


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

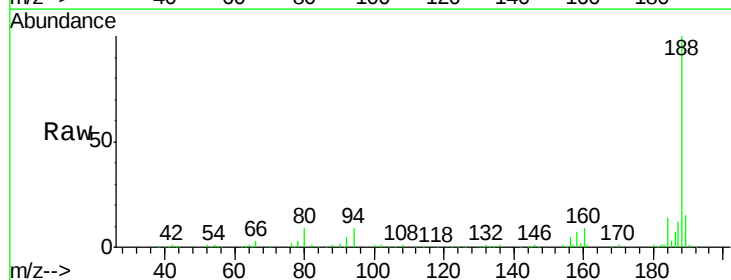
Ion 89.00 (88.70 to 89.70): BF0

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: BF080099.D
 Acq: 22 Jun 2015 17:37

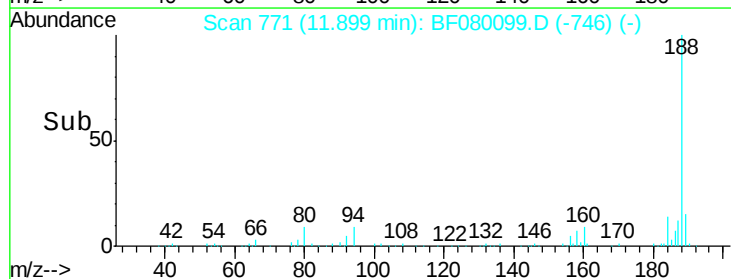
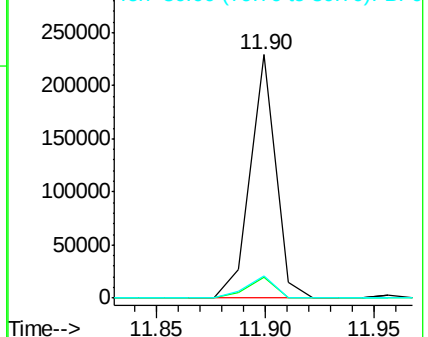
Tgt Ion:	188	Resp:	187029
Ion	Ratio	Lower	Upper
188	100		
94	8.5	11.1	16.7#
80	9.0	11.0	16.4#

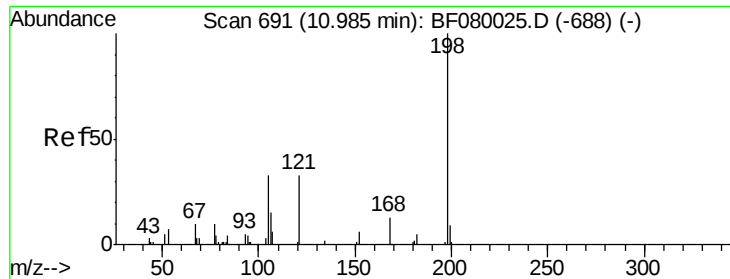


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

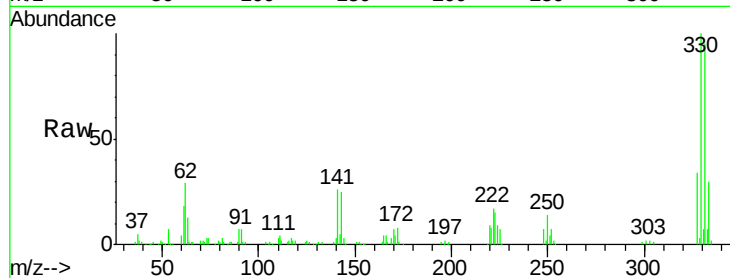




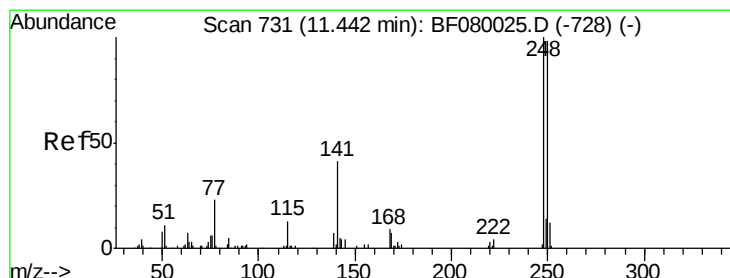
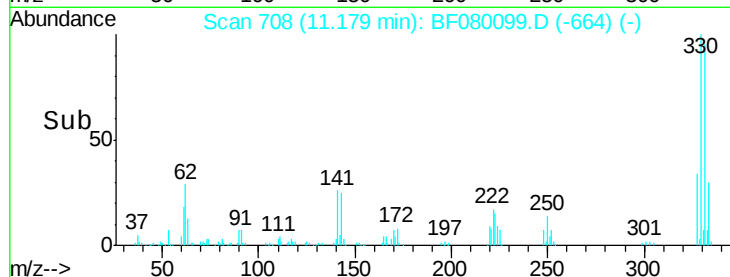
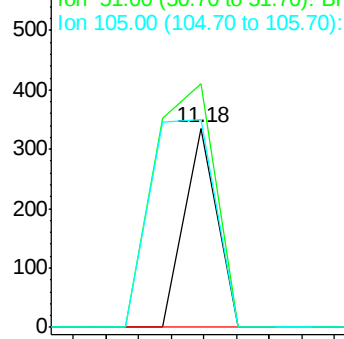
#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.78 ng
 RT: 11.18 min Scan# 708
 Delta R.T. 0.21 min
 Lab File: BF080099.D
 Acq: 22 Jun 2015 17:37

Instrument :
 BNA_F
 ClientSampleId :
 AC-UNDERCUT(0-2)-2

Tgt Ion:198 Resp: 230
 Ion Ratio Lower Upper
 198 100
 51 122.4 39.6 79.6#
 105 104.2 28.5 68.5#

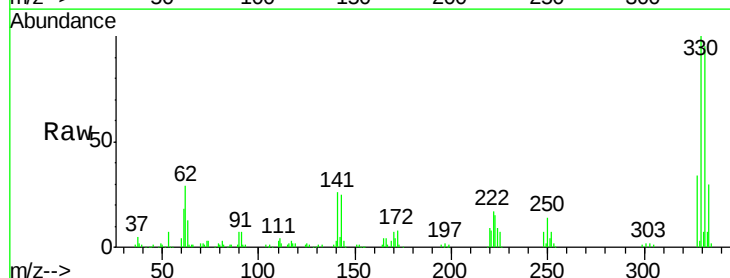


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

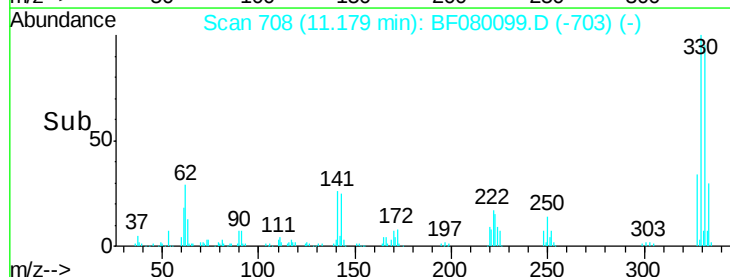
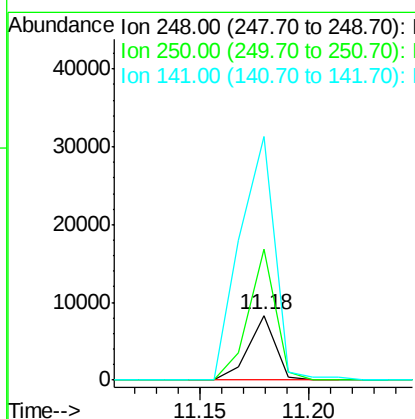


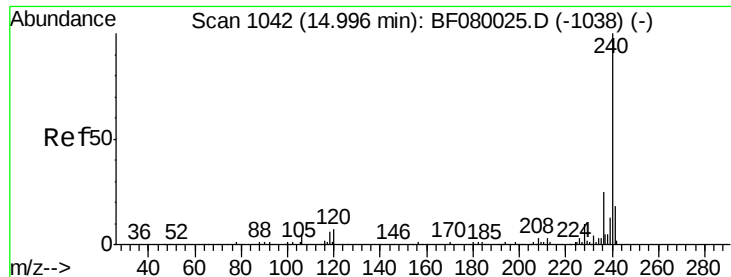
#66
 4-Bromophenyl-phenylether
 Concen: 3.58 ng
 RT: 11.18 min Scan# 708
 Delta R.T. -0.24 min
 Lab File: BF080099.D
 Acq: 22 Jun 2015 17:37

Tgt Ion:248 Resp: 7122
 Ion Ratio Lower Upper
 248 100
 250 201.5 78.5 117.7#
 141 376.1 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: 14.96 min Scan# 1039

Delta R.T. -0.03 min

Lab File: BF080099.D

Acq: 22 Jun 2015 17:37

Instrument :

BNA_F

ClientSampleId :

AC-UNDERCUT(0-2)-2

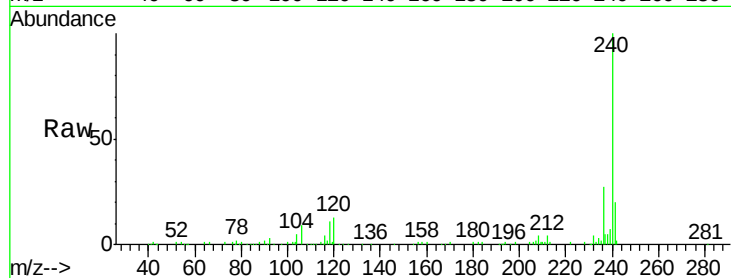
Tgt Ion:240 Resp: 199909

Ion Ratio Lower Upper

240 100

120 12.7 16.2 24.2#

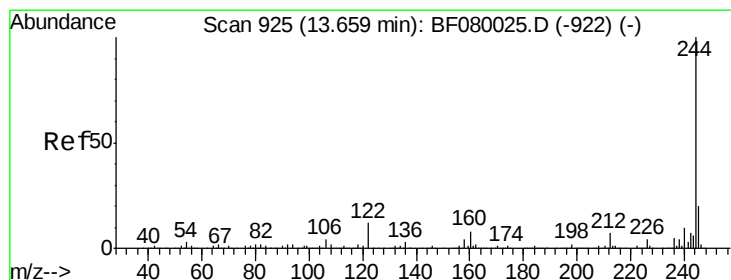
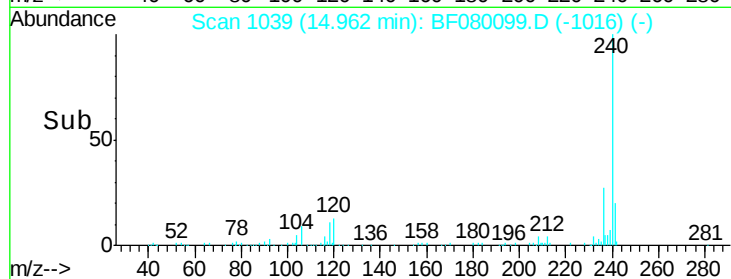
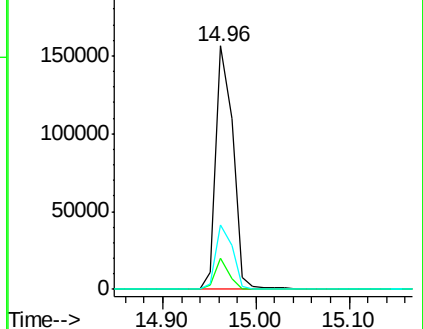
236 26.7 18.4 27.6



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: 60.43 ng

RT: 13.64 min Scan# 923

Delta R.T. -0.03 min

Lab File: BF080099.D

Acq: 22 Jun 2015 17:37

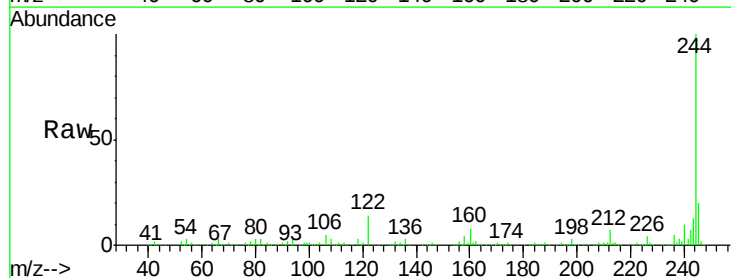
Tgt Ion:244 Resp: 517254

Ion Ratio Lower Upper

244 100

212 7.3 4.3 6.5#

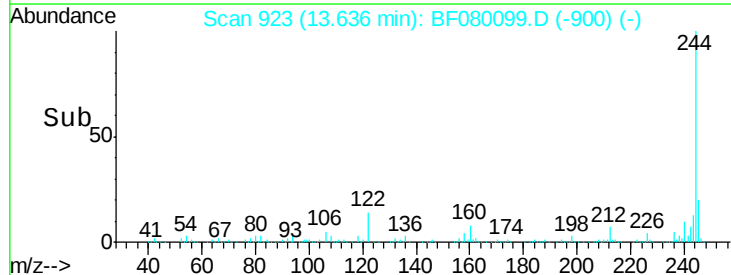
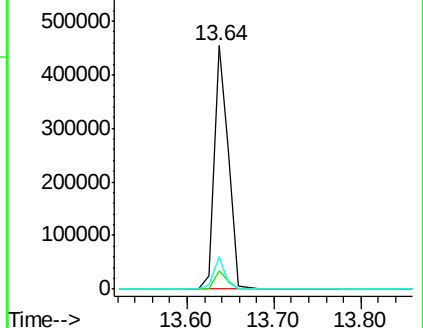
122 13.6 17.4 26.2#

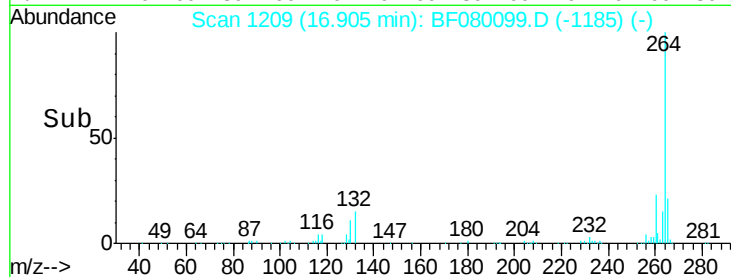
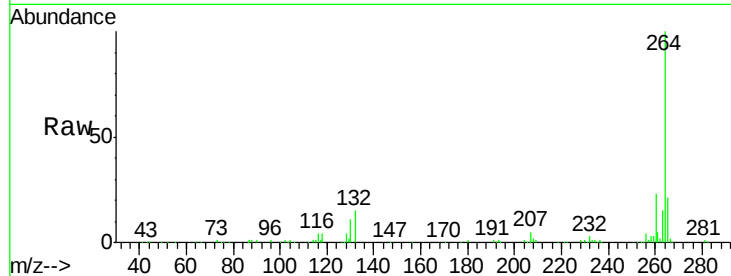
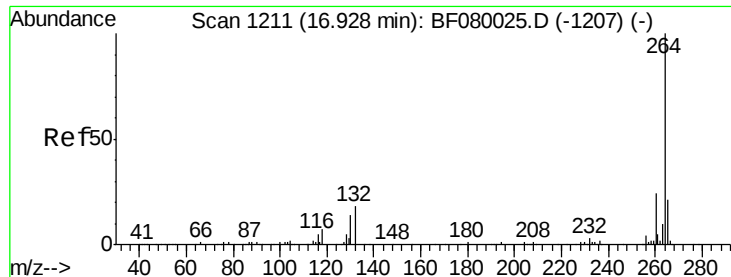


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.91 min Scan# 1209
Delta R.T. -0.02 min
Lab File: BF080099.D
Acq: 22 Jun 2015 17:37

Instrument :
BNA_F
ClientSampleId :
AC-UNDERCUT(0-2)-2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	16.7	25.1
265	21.1	17.2	25.8

