

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062615\NEW FOLDER\BF062615\
 Data File : BF080192.D
 Acq On : 26 Jun 2015 16:33
 Operator : TP/IZ
 Sample : PB84223BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 29 09:30:23 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

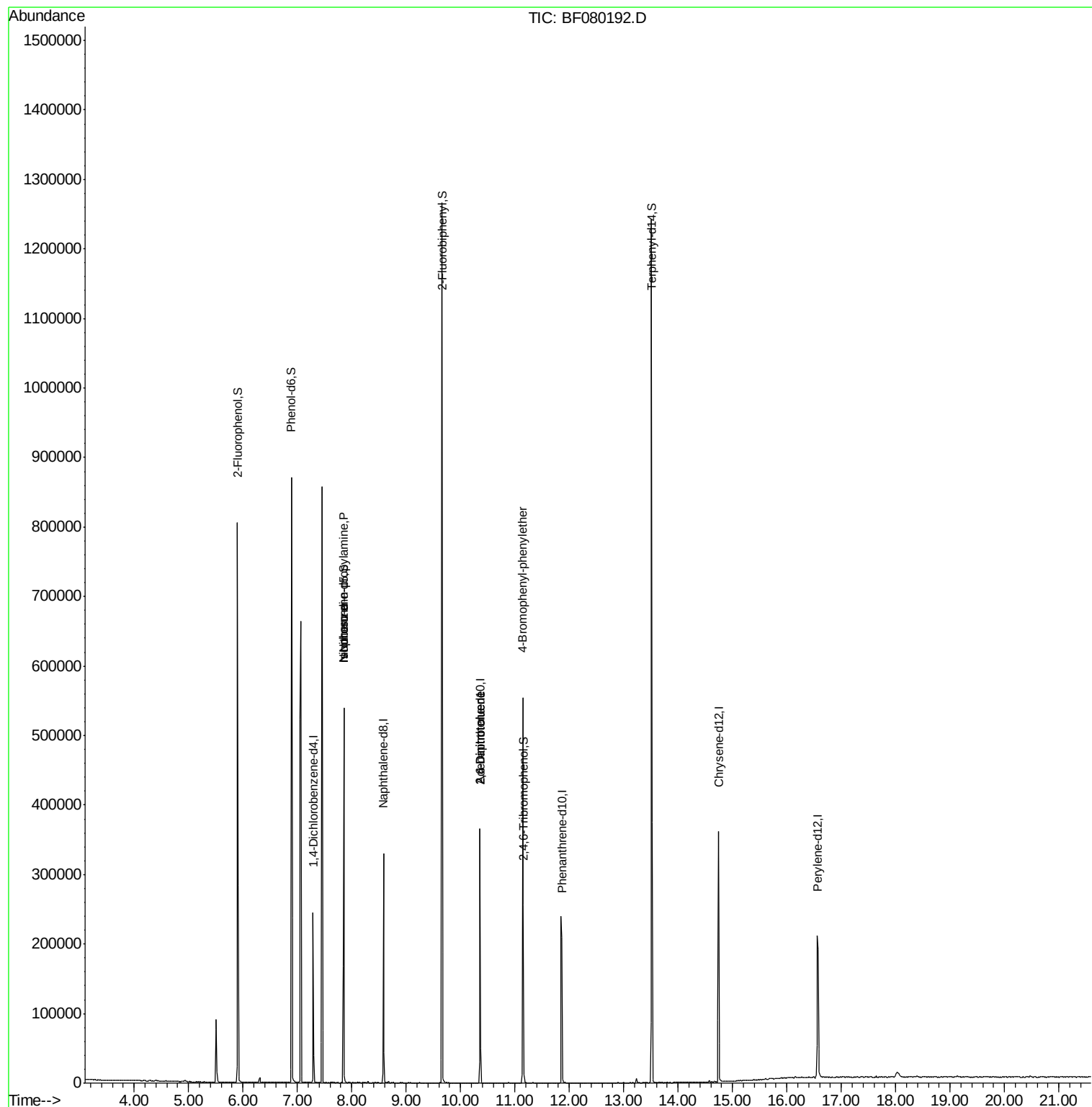
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	33907	20.00	ng	-0.03
21) Naphthalene-d8	8.58	136	133436	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	67949	20.00	ng	-0.03
63) Phenanthrene-d10	11.86	188	129644	20.00	ng	-0.05
75) Chrysene-d12	14.75	240	140820	20.00	ng	-0.25
86) Perylene-d12	16.56	264	134866	20.00	ng	-0.37
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	223139	116.49	ng	-0.03
7) Phenol-d6	6.89	99	288046	113.01	ng	-0.03
23) Nitrobenzene-d5	7.85	82	172549	75.28	ng	-0.02
41) 2,4,6-Tribromophenol	11.16	330	68162	102.59	ng	-0.02
44) 2-Fluorobiphenyl	9.66	172	360272	75.61	ng	-0.03
78) Terphenyl-d14	13.51	244	416901	69.14	ng	-0.16
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.85	70	21977	12.42	ng	# 57
25) Isophorone	7.85	82	172545	37.41	ng	# 58
50) 2,6-Dinitrotoluene	10.36	165	8741	8.54	ng	# 37
56) 2,4-Dinitrotoluene	10.36	165	8742	6.73	ng	# 31
66) 4-Bromophenyl-phenylether	11.14	248	4833	3.51	ng	# 1

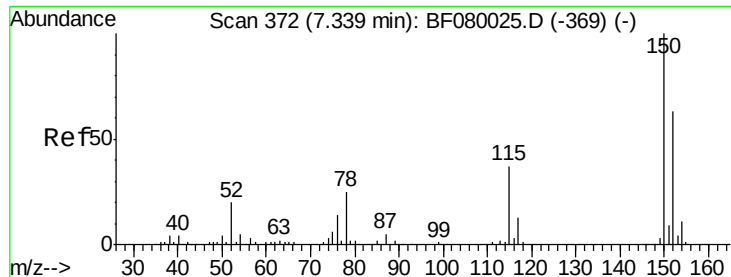
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062615\NEW FOLDER\BF062615\
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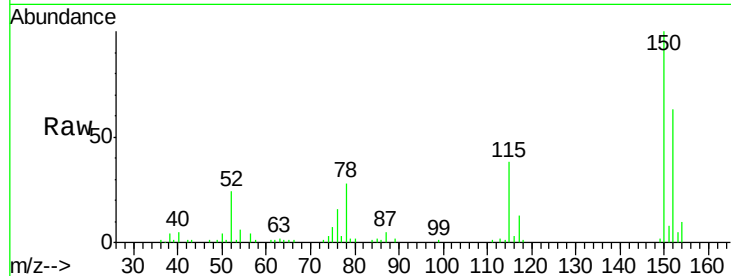


#1

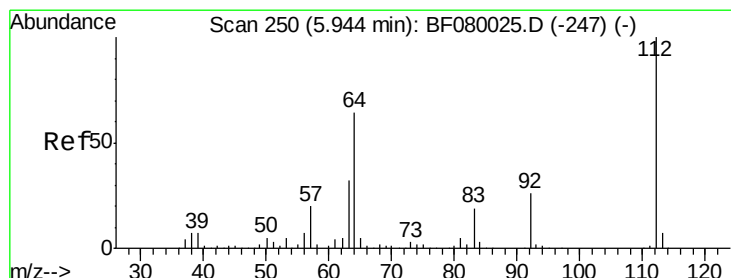
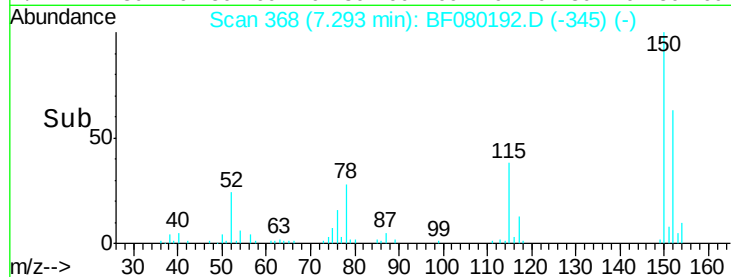
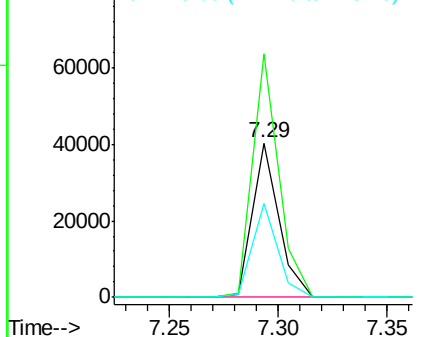
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 368
Delta R.T. -0.03 min
Lab File: BF080192.D
Acq: 26 Jun 2015 16:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 33907
Ion Ratio Lower Upper
152 100
150 158.0 124.7 187.1
115 60.7 39.0 58.4#



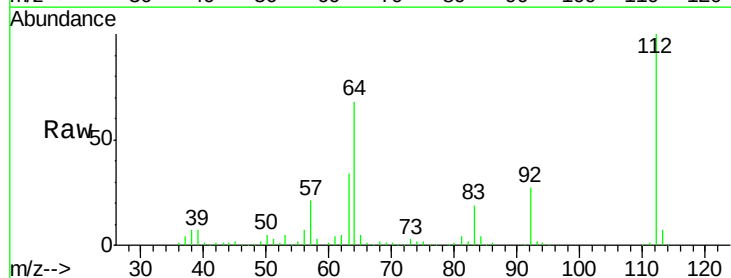
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



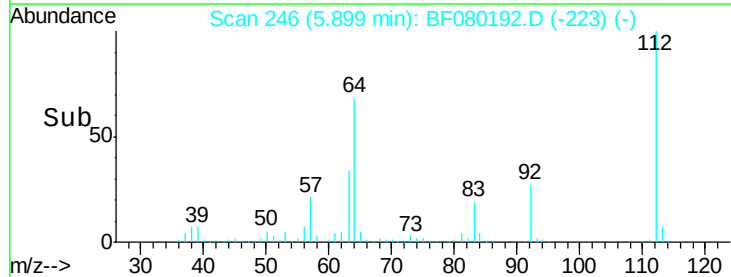
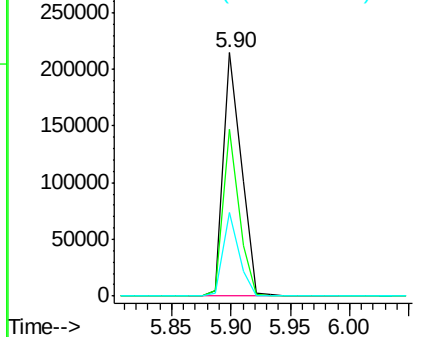
#5

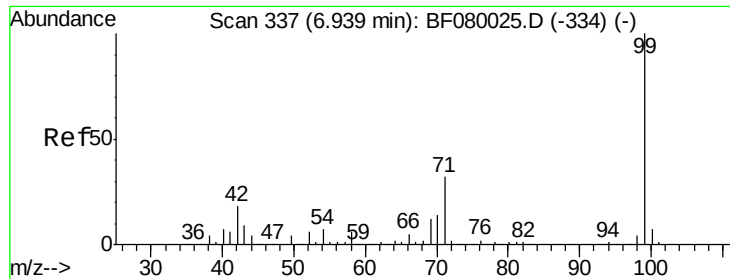
2-Fluorophenol
Concen: 116.49 ng
RT: 5.90 min Scan# 246
Delta R.T. -0.03 min
Lab File: BF080192.D
Acq: 26 Jun 2015 16:33

Tgt Ion:112 Resp: 223139
Ion Ratio Lower Upper
112 100
64 68.3 39.7 59.5#
63 34.3 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: 113.01 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF080192.D

Acq: 26 Jun 2015 16:33

Instrument :

BNA_F

ClientSampled :

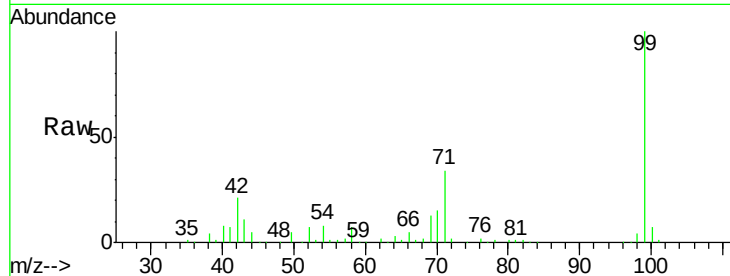
Tot Ion: 99 Resp: 288046

Ion Ratio Lower Upper

99 100

42 20.6 13.7 20.5#

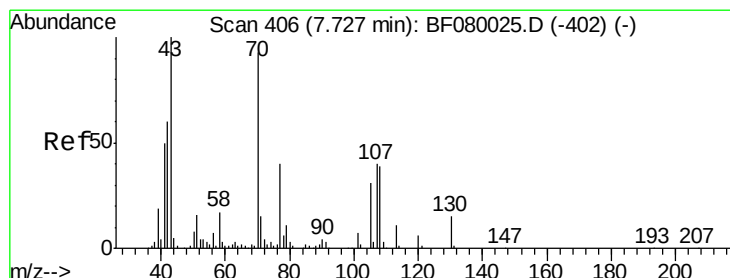
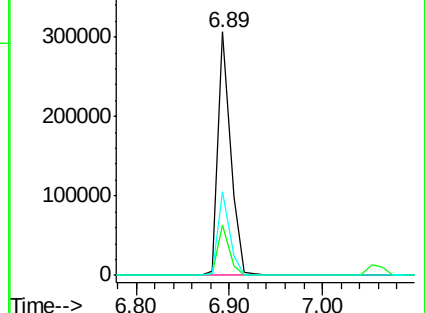
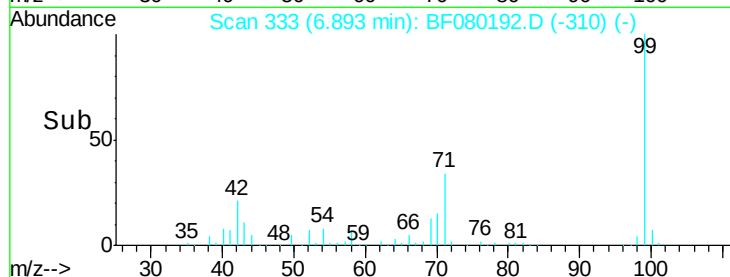
71 34.2 14.2 21.2#



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: 12.42 ng

RT: 7.85 min Scan# 417

Delta R.T. 0.14 min

Lab File: BF080192.D

Acq: 26 Jun 2015 16:33

Tgt Ion: 70 Resp: 21977

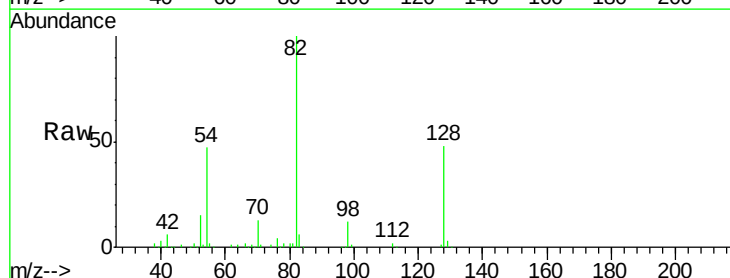
Ion Ratio Lower Upper

70 100

42 44.9 63.8 95.6#

101 0.0 9.2 13.8#

130 2.4 27.3 40.9#

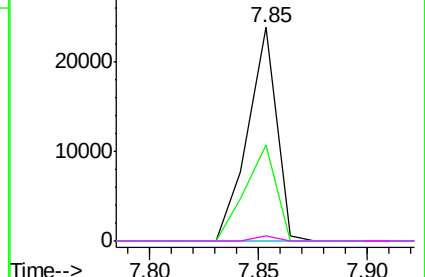
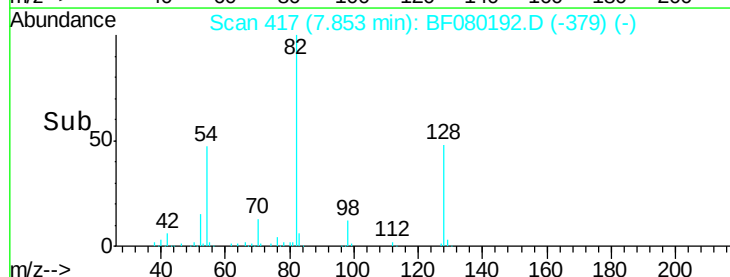


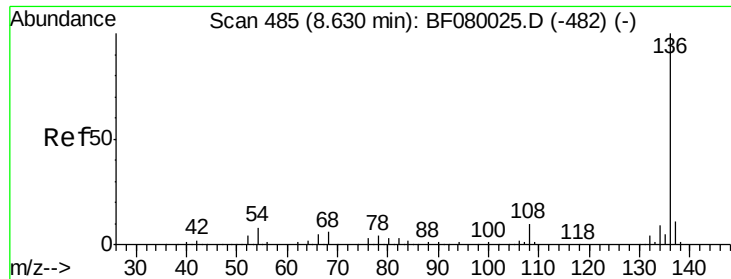
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

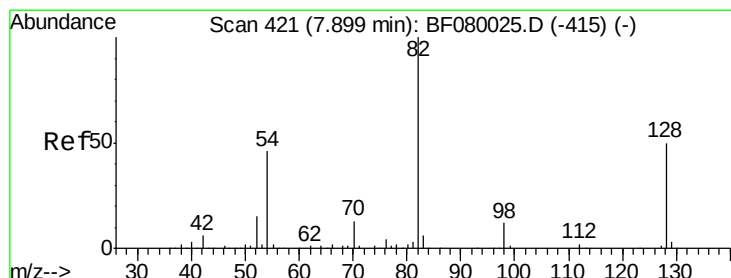
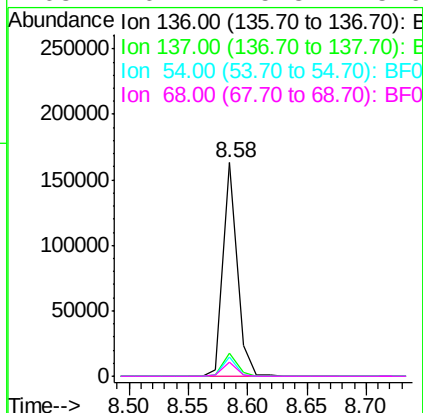
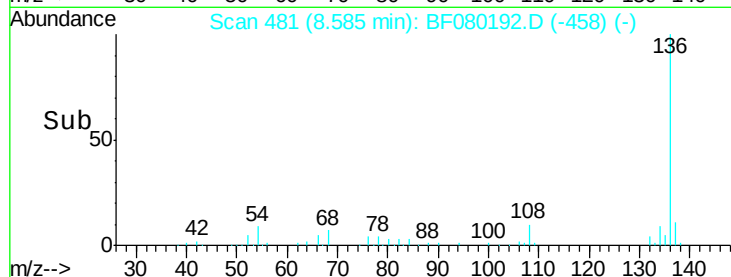
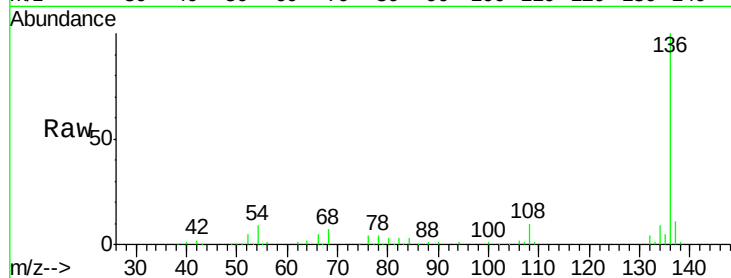




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF080192.D
Acq: 26 Jun 2015 16:33

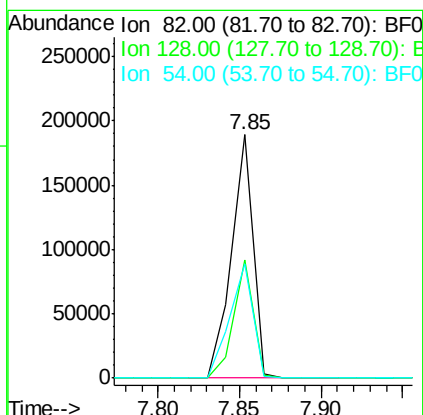
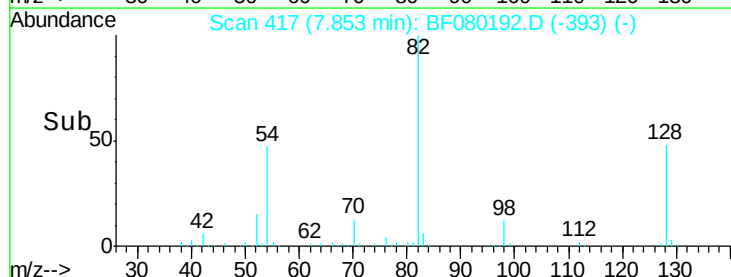
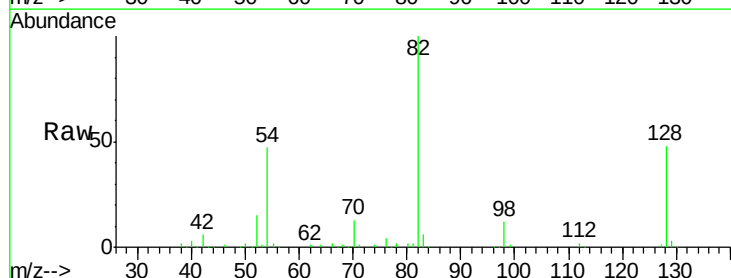
Instrument :
BNA_F
ClientSampleID :

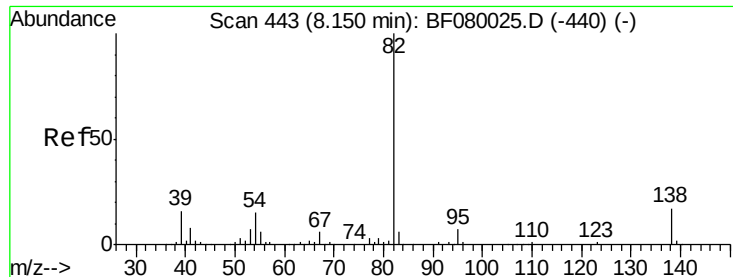
Tot Ion:136	Resp:	133436
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.0 13.6
54	9.1	8.2 12.2
68	6.7	5.8 8.6



#23
Nitrobenzene-d5
Concen: 75.28 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF080192.D
Acq: 26 Jun 2015 16:33

Tgt Ion: 82	Resp:	172549
Ion Ratio	Lower	Upper
82	100	
128	48.4	51.0 76.6#
54	46.9	47.5 71.3#





#25

Isophorone

Concen: 37.41 ng

RT: 7.85 min Scan# 417

Delta R.T. -0.29 min

Lab File: BF080192.D

Acq: 26 Jun 2015 16:33

Instrument :

BNA_F

ClientSampled :

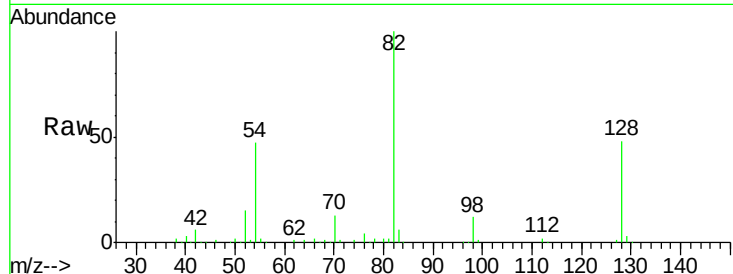
Tot Ion: 82 Resp: 172545

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

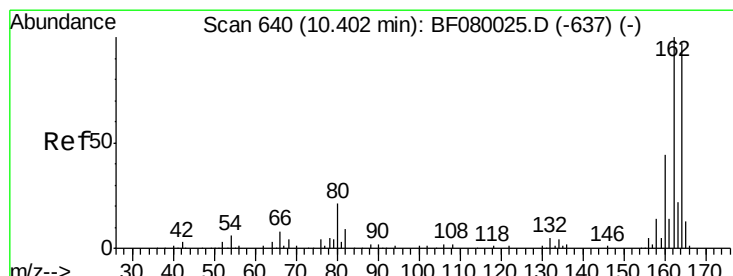
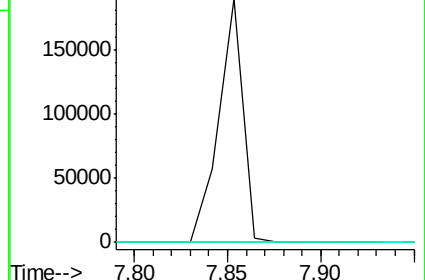
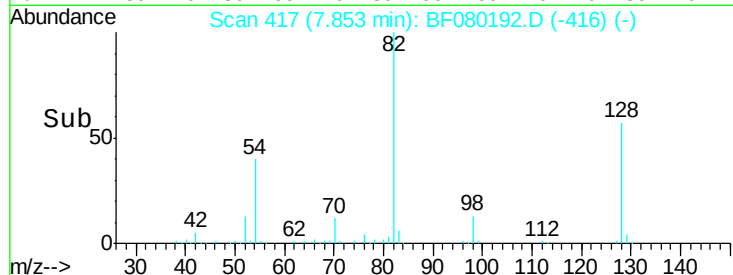
138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.36 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF080192.D

Acq: 26 Jun 2015 16:33

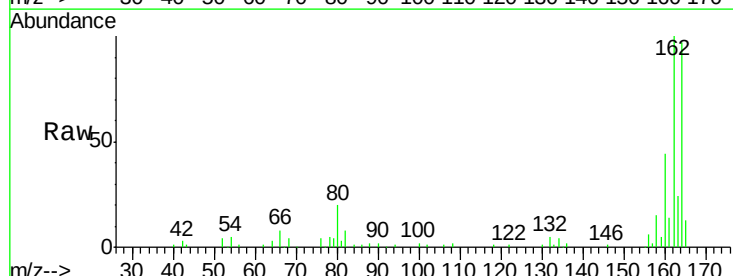
Tgt Ion: 164 Resp: 67949

Ion Ratio Lower Upper

164 100

162 102.6 75.2 112.8

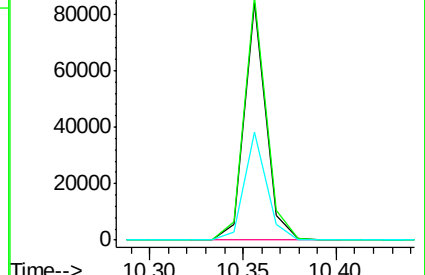
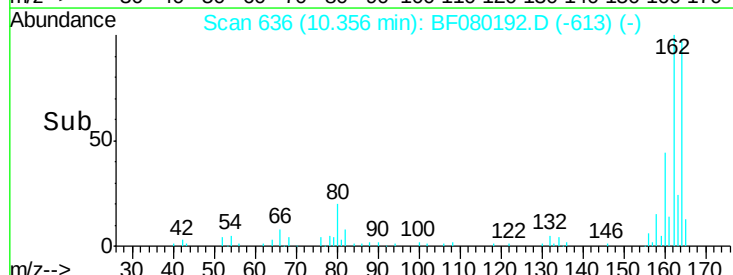
160 45.5 31.5 47.3

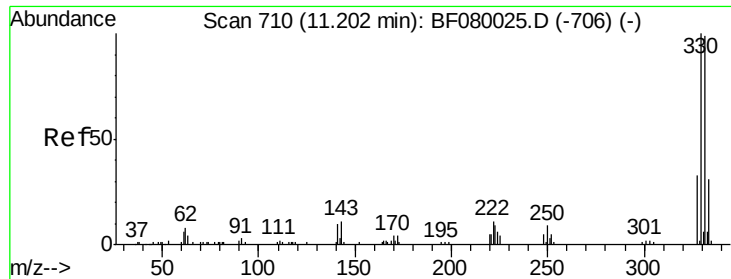


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

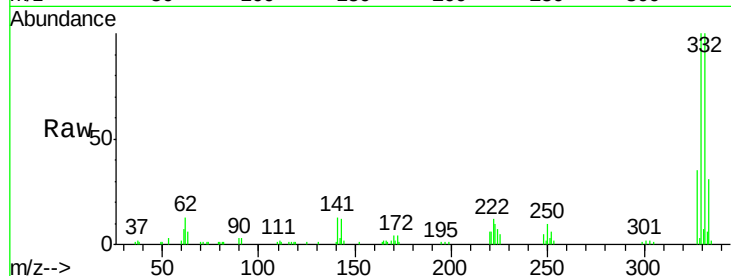




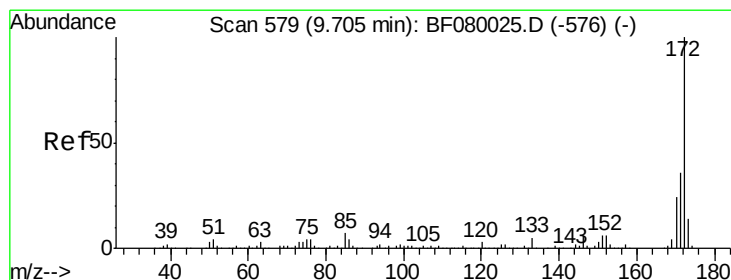
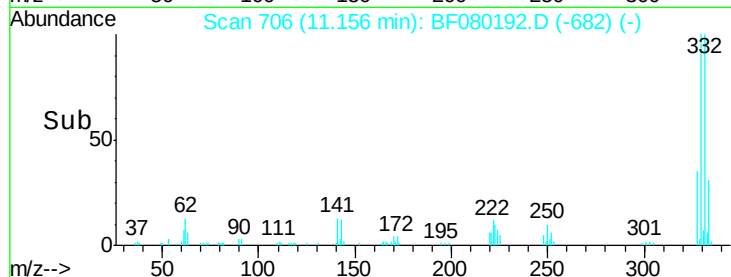
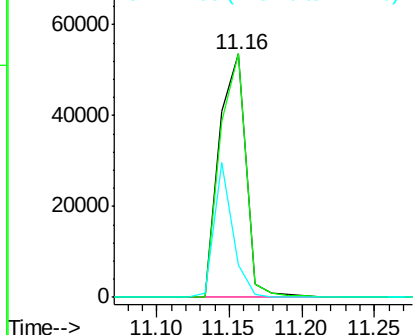
#41
 2,4,6-Tribromophenol
 Concen: 102.59 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF080192.D
 Acq: 26 Jun 2015 16:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 68162
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 114.8
 141 38.6 29.7 44.5

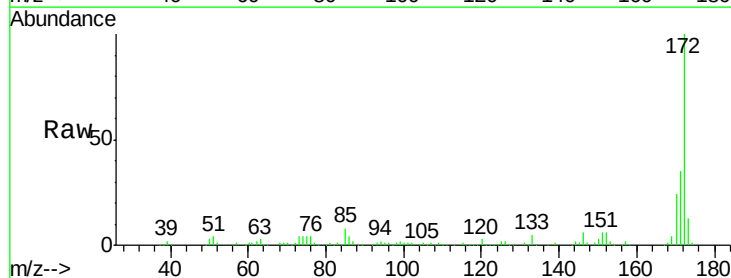


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

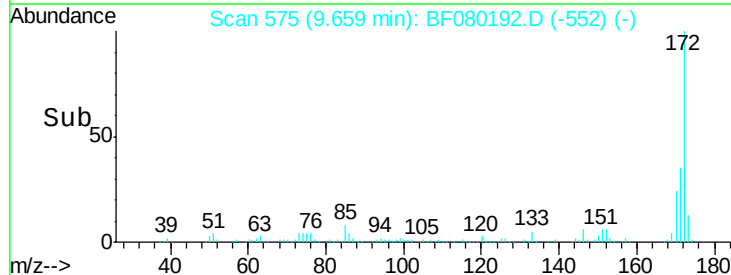
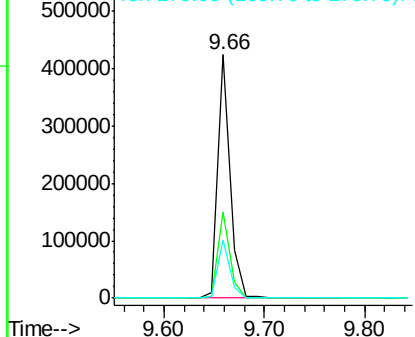


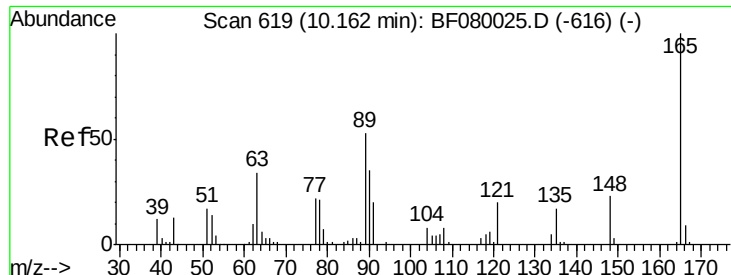
#44
 2-Fluorobiphenyl
 Concen: 75.61 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.03 min
 Lab File: BF080192.D
 Acq: 26 Jun 2015 16:33

Tgt Ion:172 Resp: 360272
 Ion Ratio Lower Upper
 172 100
 171 35.2 26.1 39.1
 170 23.9 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

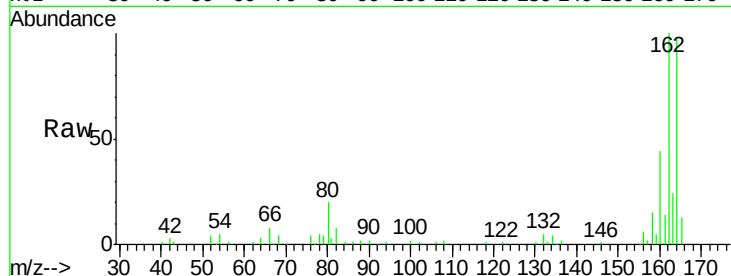




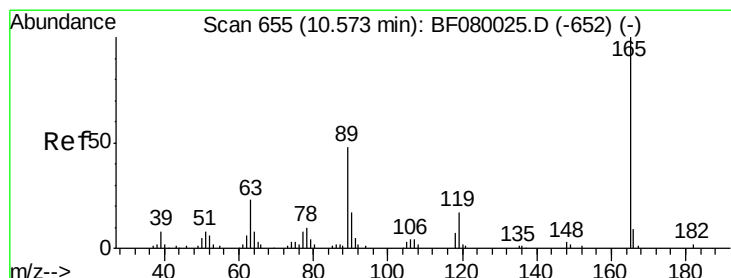
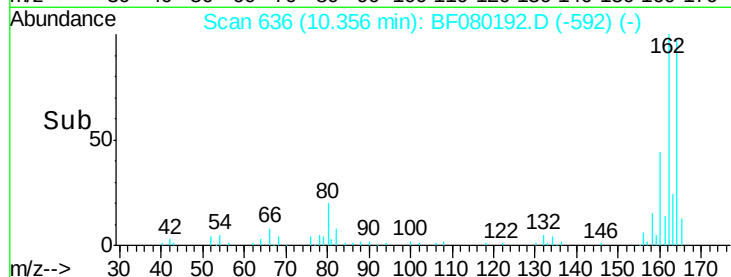
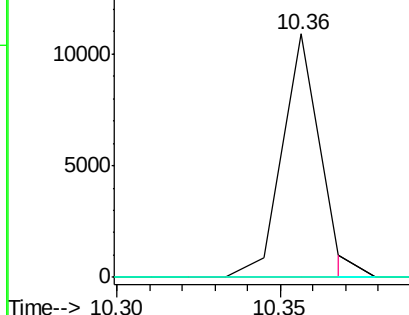
#50
 2,6-Dinitrotoluene
 Concen: 8.54 ng
 RT: 10.36 min Scan# 636
 Delta R.T. 0.21 min
 Lab File: BF080192.D
 Acq: 26 Jun 2015 16:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



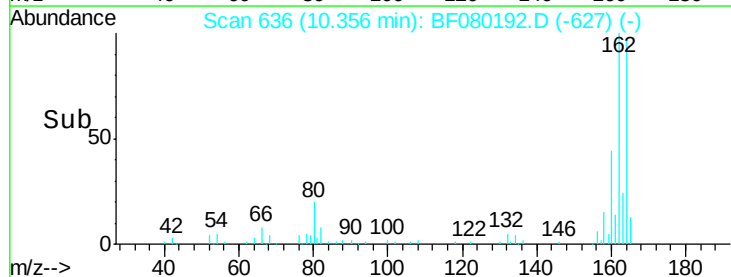
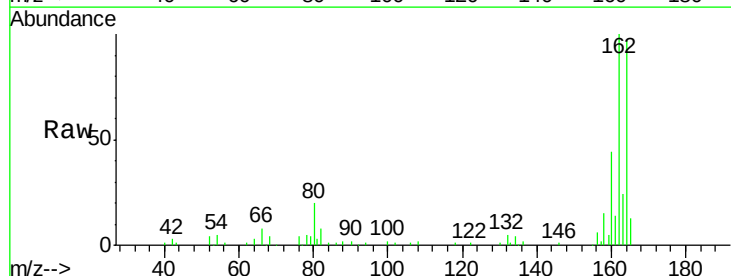
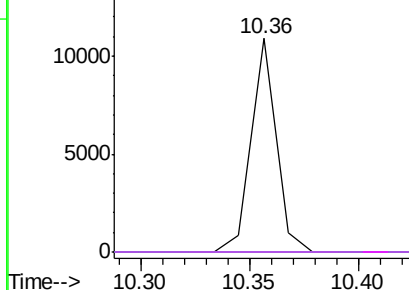
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

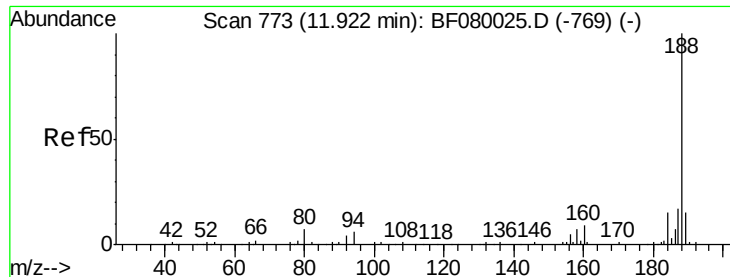


#56
 2,4-Dinitrotoluene
 Concen: 6.73 ng
 RT: 10.36 min Scan# 636
 Delta R.T. -0.19 min
 Lab File: BF080192.D
 Acq: 26 Jun 2015 16:33

Tgt 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

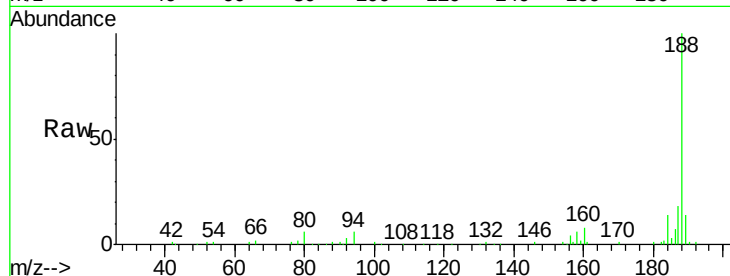




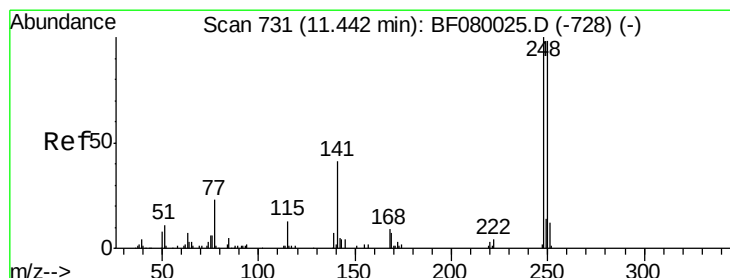
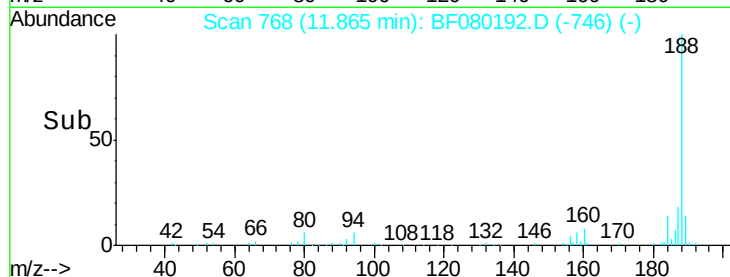
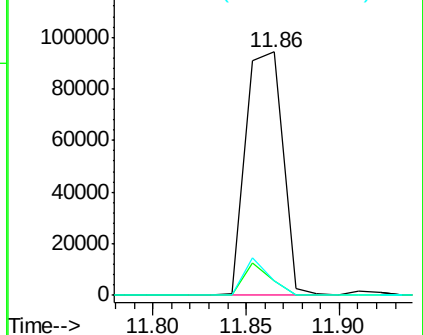
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.86 min Scan# 768
 Delta R.T. -0.05 min
 Lab File: BF080192.D
 Acq: 26 Jun 2015 16:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 129644
 Ion Ratio Lower Upper
 188 100
 94 6.0 11.1 16.7#
 80 6.0 11.0 16.4#

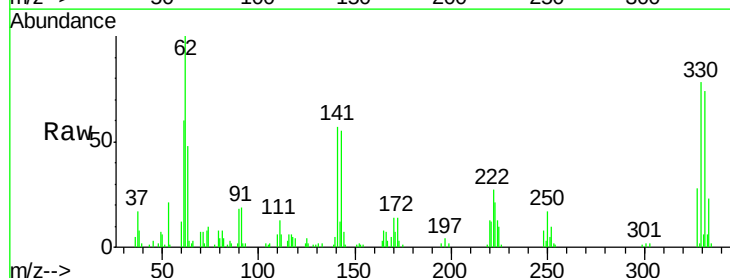


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

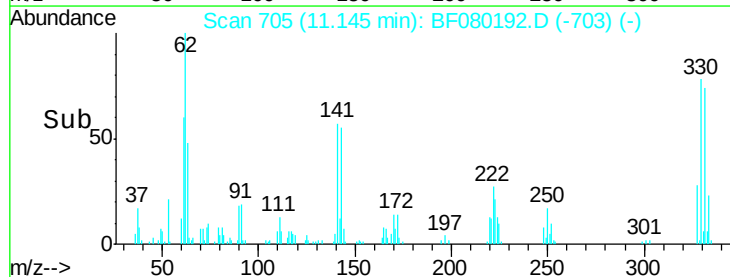
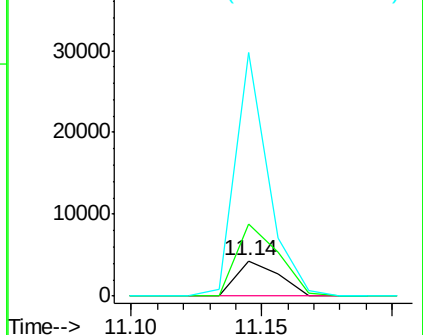


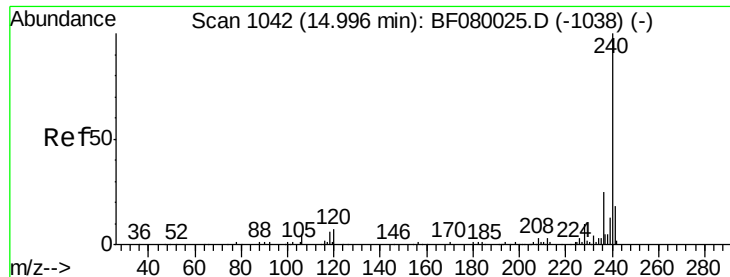
#66
 4-Bromophenyl-phenylether
 Concen: 3.51 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.27 min
 Lab File: BF080192.D
 Acq: 26 Jun 2015 16:33

Tgt Ion:248 Resp: 4833
 Ion Ratio Lower Upper
 248 100
 250 203.5 78.5 117.7#
 141 689.7 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: 14.75 min Scan# 1020

Delta R.T. -0.25 min

Lab File: BF080192.D

Acq: 26 Jun 2015 16:33

Instrument :

BNA_F

ClientSampleId :

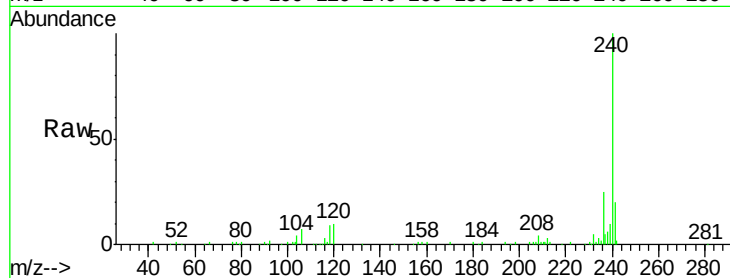
Tot Ion:240 Resp: 140820

Ion Ratio Lower Upper

240 100

120 9.8 16.2 24.2#

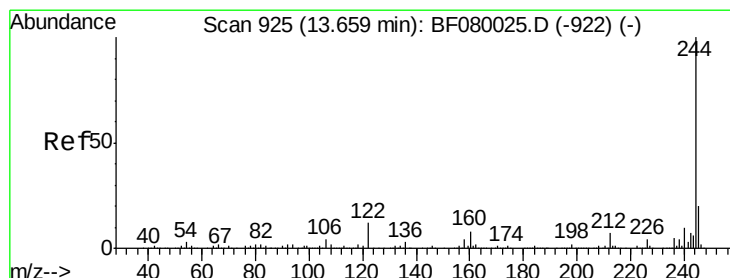
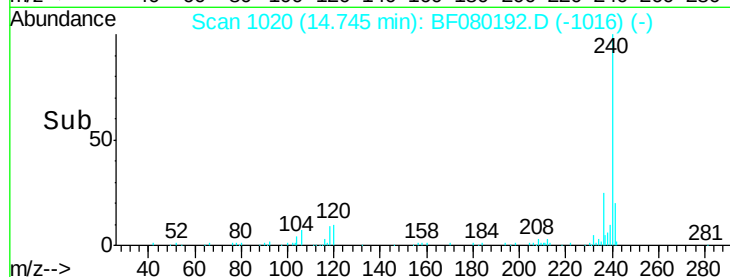
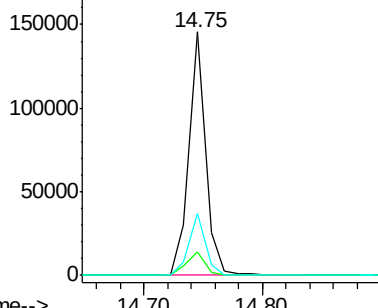
236 25.4 18.4 27.6



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: 69.14 ng

RT: 13.51 min Scan# 912

Delta R.T. -0.16 min

Lab File: BF080192.D

Acq: 26 Jun 2015 16:33

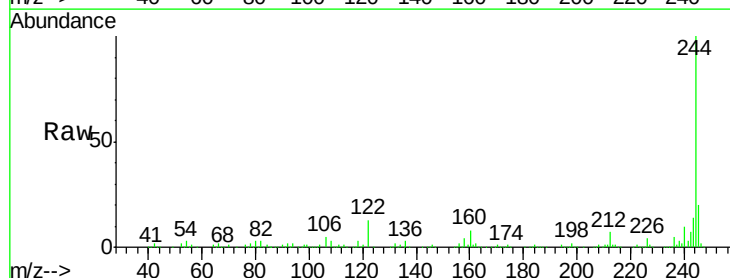
Tgt Ion:244 Resp: 416901

Ion Ratio Lower Upper

244 100

212 7.1 4.3 6.5#

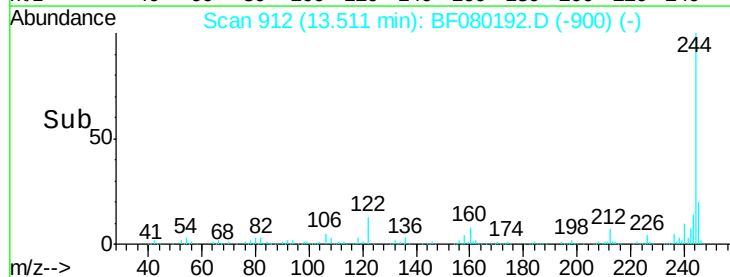
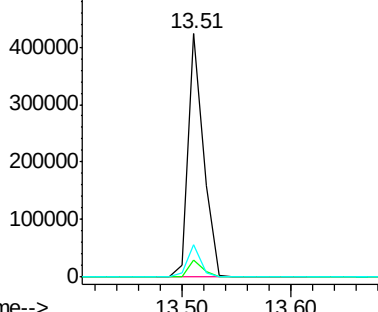
122 13.3 17.4 26.2#

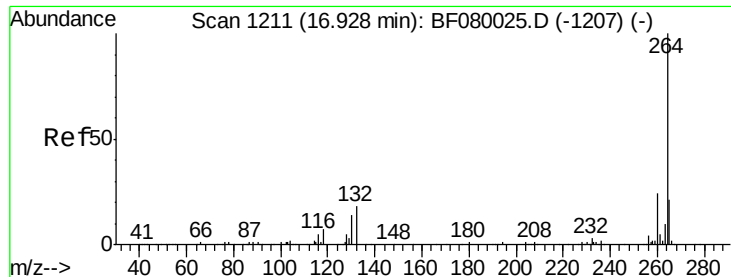


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

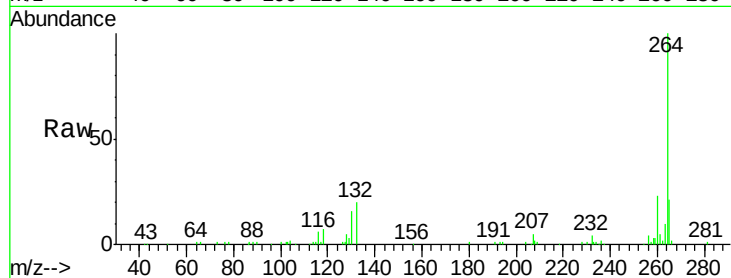




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.56 min Scan# 1179
Delta R.T. -0.37 min
Lab File: BF080192.D
Acq: 26 Jun 2015 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	16.7	25.1
265	21.0	17.2	25.8



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

