

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080637.D
 Acq On : 24 Jul 2015 20:50
 Operator : TP/UM
 Sample : PB84652BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84652BL

Quant Time: Jul 25 05:01:10 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 25 04:28:42 2015
 Response via : Initial Calibration

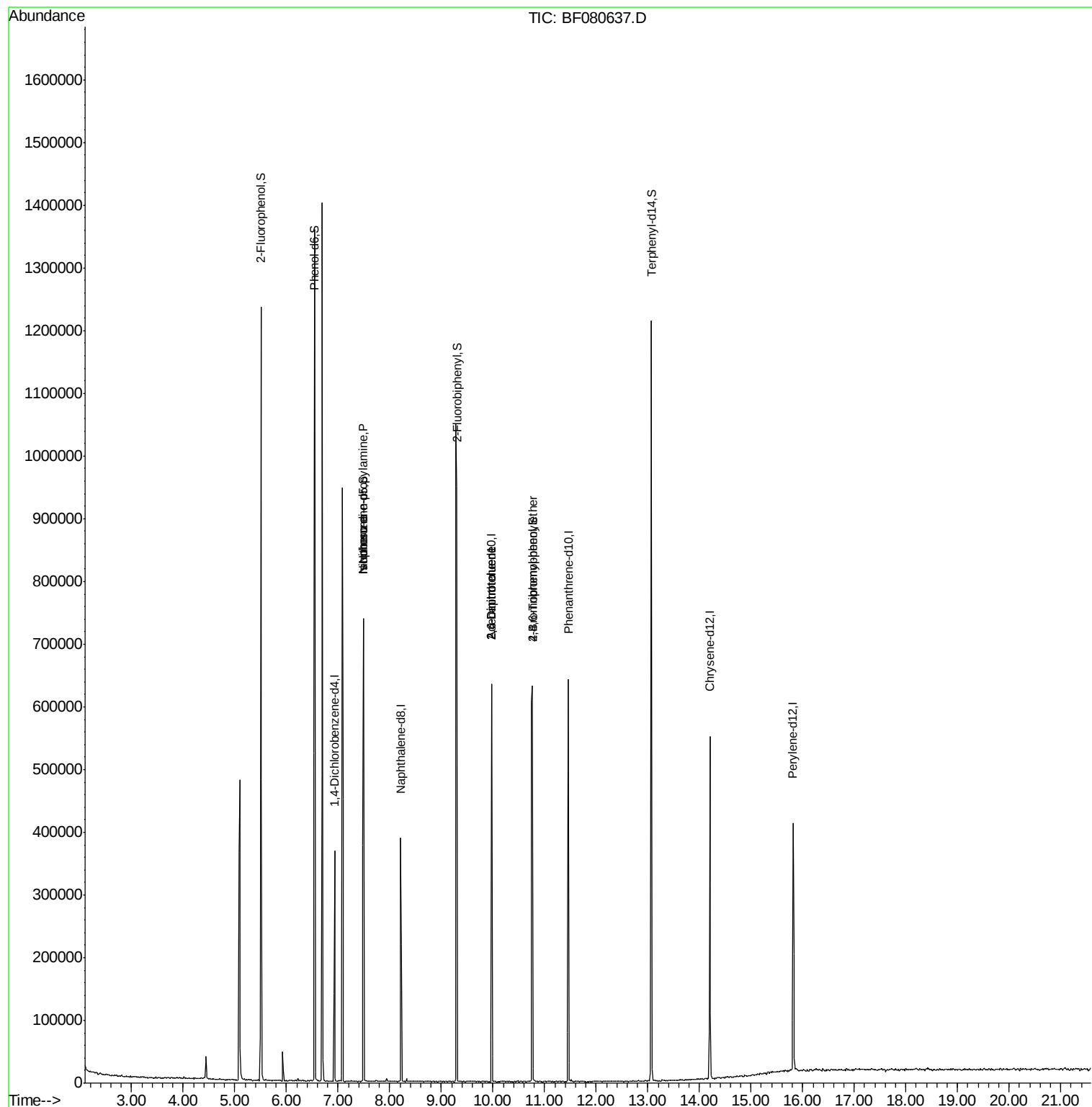
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	56557	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	196025	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	109582	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	210569	20.00	ng	0.00
75) Chrysene-d12	14.20	240	194355	20.00	ng	0.05
86) Perylene-d12	15.81	264	180940	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	319765	95.20	ng	0.00
7) Phenol-d6	6.54	99	429031	106.94	ng	0.00
23) Nitrobenzene-d5	7.49	82	250500	64.18	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	98154	99.70	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	455596	64.15	ng	0.00
78) Terphenyl-d14	13.07	244	528152	58.51	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.49	70	33424	11.55	ng	# 66
25) Isophorone	7.49	82	250185	36.55	ng	# 73
50) 2,6-Dinitrotoluene	9.97	165	13857	9.90	ng	# 1
56) 2,4-Dinitrotoluene	9.97	165	13857	7.49	ng	# 2
66) 4-Bromophenyl-phenylether	10.76	248	6300	3.18	ng	# 1

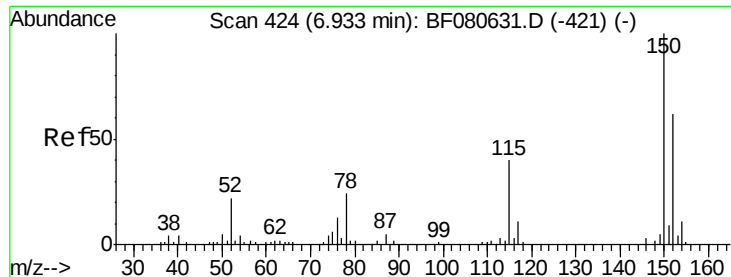
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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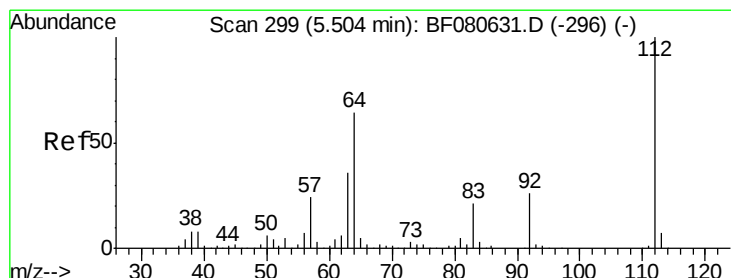
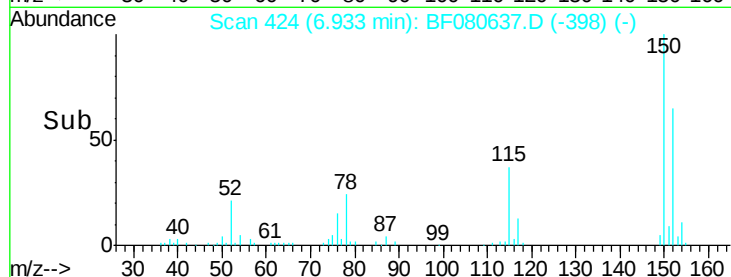
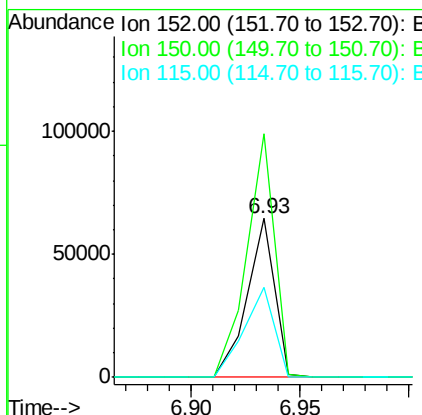
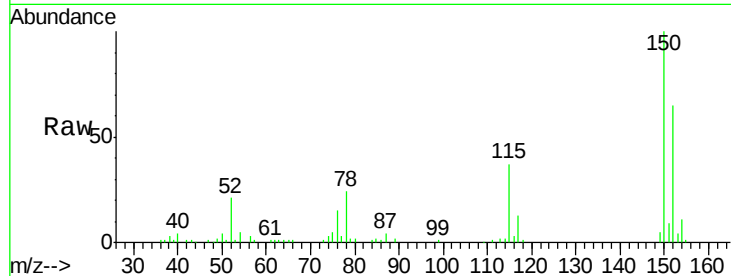




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: BF080637.D
 Acq: 24 Jul 2015 20:50

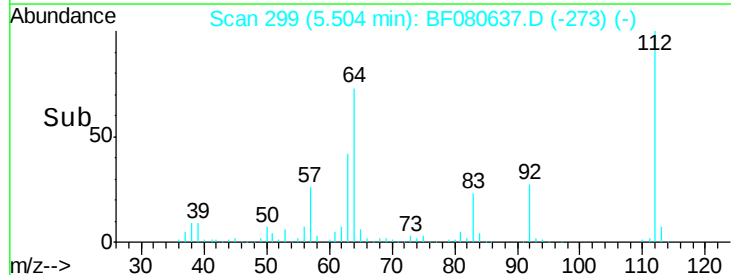
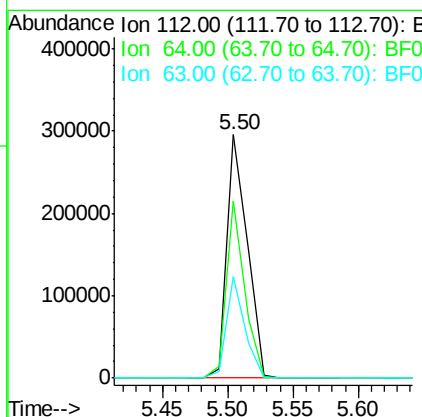
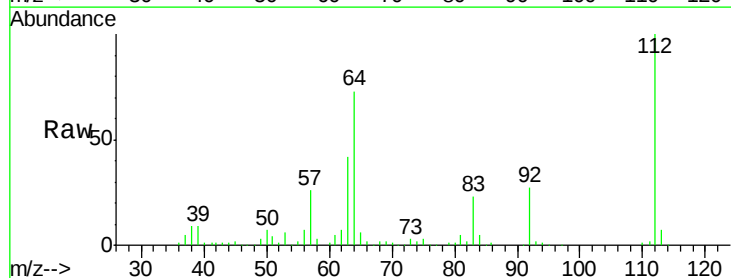
Instrument :
 BNA_F
 ClientSampleId :
 PB84652BL

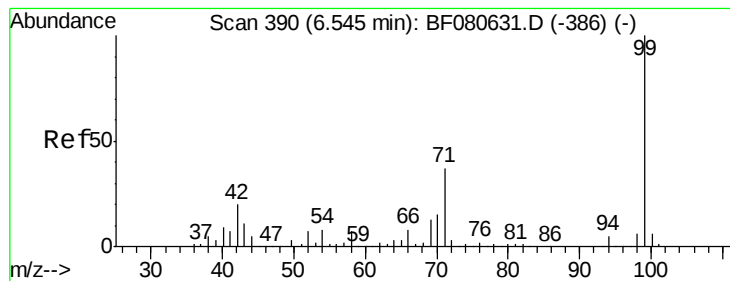
Tgt Ion:152 Resp: 56557
 Ion Ratio Lower Upper
 152 100
 150 153.1 128.9 193.3
 115 56.4 51.0 76.6



#5
 2-Fluorophenol
 Concen: 95.20 ng
 RT: 5.50 min Scan# 299
 Delta R.T. -0.00 min
 Lab File: BF080637.D
 Acq: 24 Jul 2015 20:50

Tgt Ion:112 Resp: 319765
 Ion Ratio Lower Upper
 112 100
 64 73.0 51.2 76.8
 63 41.6 29.0 43.6





#7

Phenol-d6

Concen: 106.94 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF080637.D

Acq: 24 Jul 2015 20:50

Instrument :

BNA_F

ClientSampleId :

PB84652BL

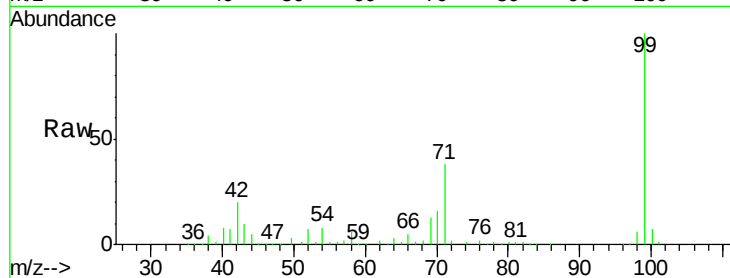
Tgt Ion: 99 Resp: 429031

Ion Ratio Lower Upper

99 100

42 20.3 16.3 24.5

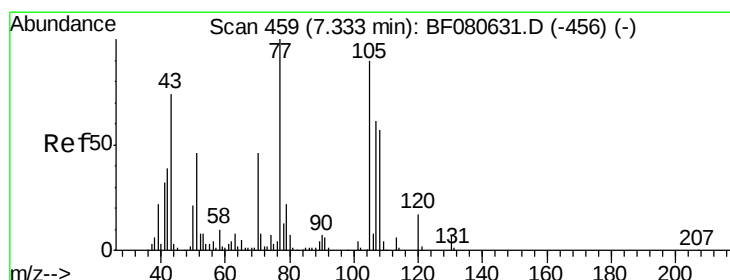
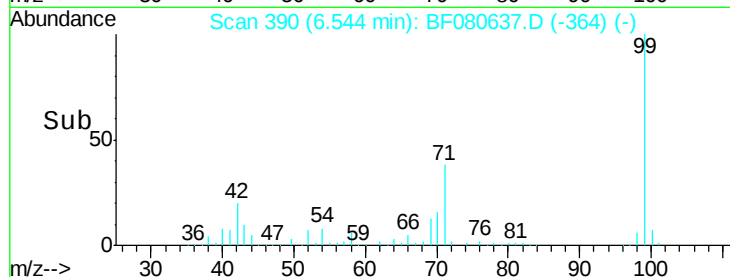
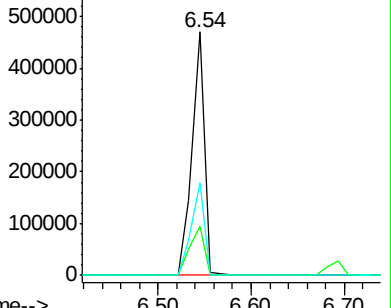
71 37.8 29.7 44.5



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: 11.55 ng

RT: 7.49 min Scan# 473

Delta R.T. 0.16 min

Lab File: BF080637.D

Acq: 24 Jul 2015 20:50

Tgt Ion: 70 Resp: 33424

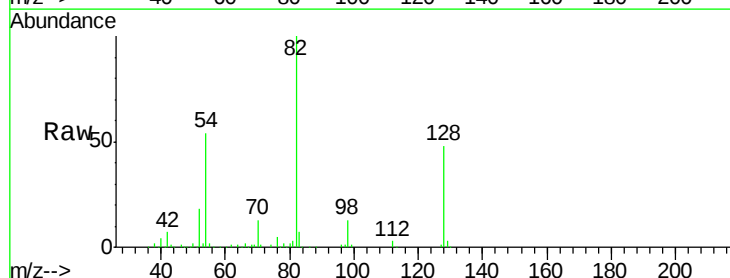
Ion Ratio Lower Upper

70 100

42 51.5 67.8 101.8#

101 0.0 6.6 9.8#

130 3.1 11.4 17.0#

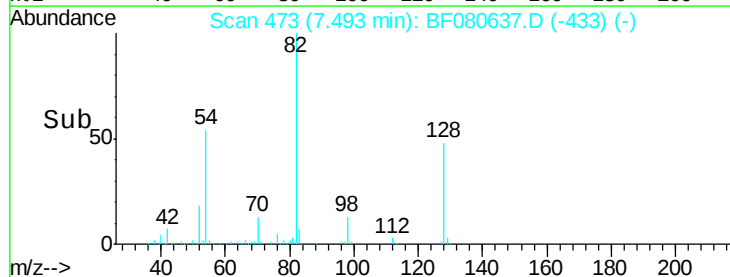
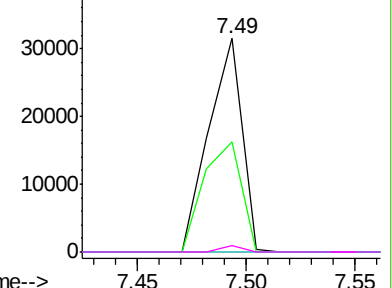


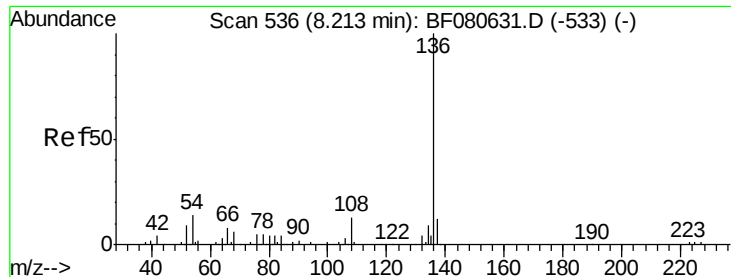
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.21 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF080637.D

Acq: 24 Jul 2015 20:50

Instrument :

BNA_F

ClientSampleId :

PB84652BL

Tgt Ion:136 Resp: 196025

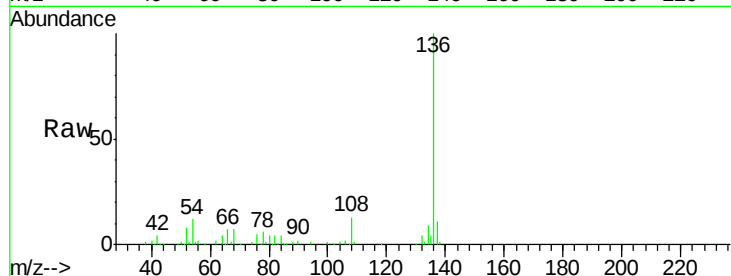
Ion Ratio Lower Upper

136 100

137 11.0 9.3 13.9

54 12.4 11.6 17.4

68 6.9 5.0 7.4

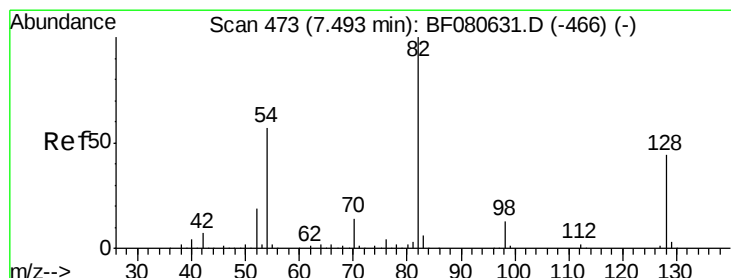
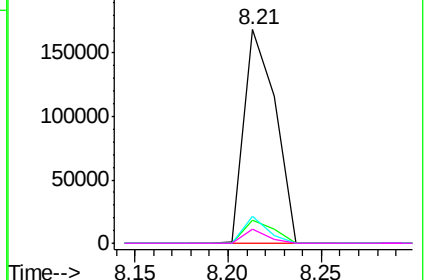
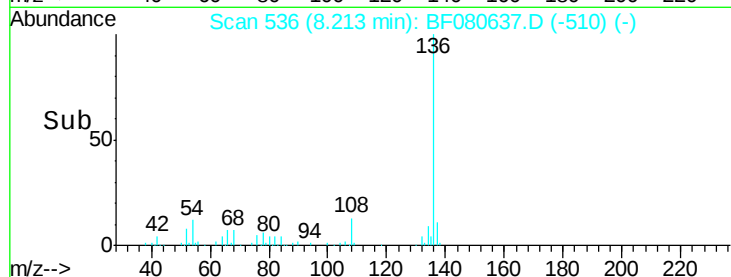


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.18 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF080637.D

Acq: 24 Jul 2015 20:50

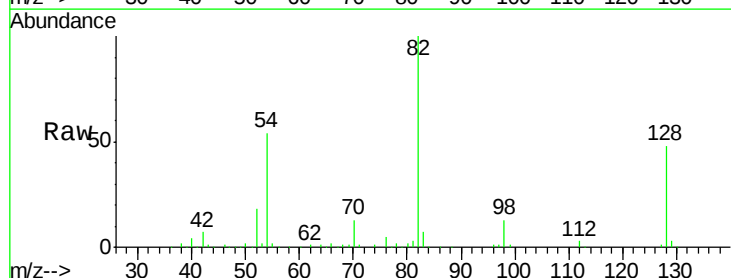
Tgt Ion: 82 Resp: 250500

Ion Ratio Lower Upper

82 100

128 47.7 34.8 52.2

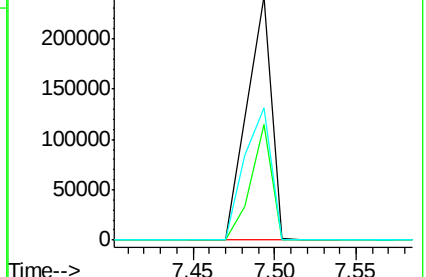
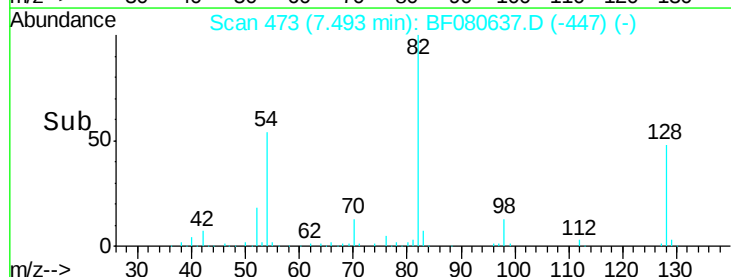
54 54.1 45.4 68.0

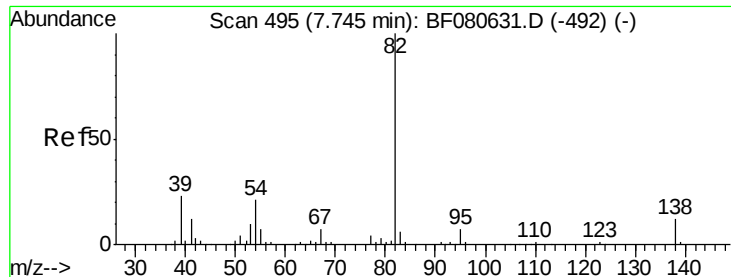


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 36.55 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.25 min

Lab File: BF080637.D

Acq: 24 Jul 2015 20:50

Instrument :

BNA_F

ClientSampleId :

PB84652BL

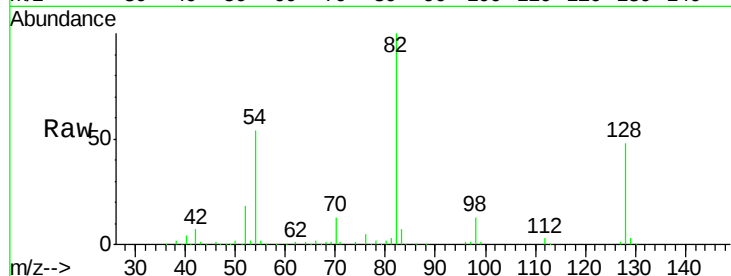
Tgt Ion: 82 Resp: 250185

Ion Ratio Lower Upper

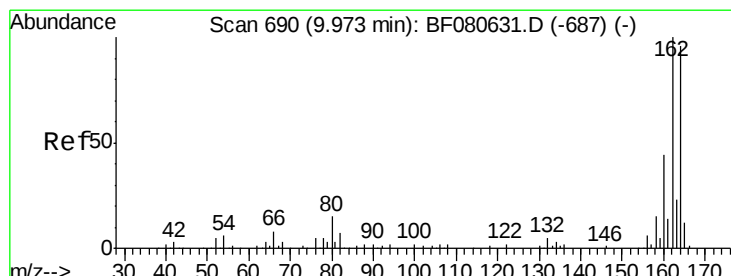
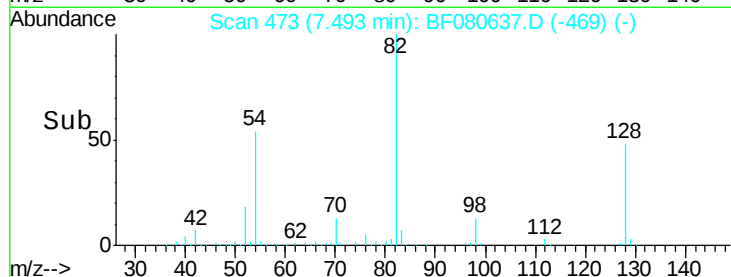
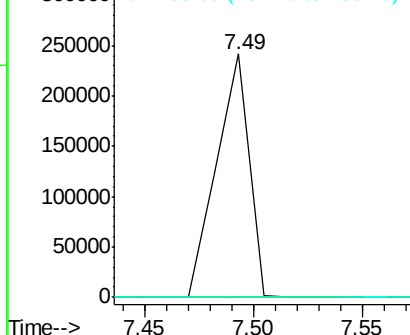
82 100

95 0.0 5.5 8.3#

138 0.0 9.7 14.5#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF080637.D

Acq: 24 Jul 2015 20:50

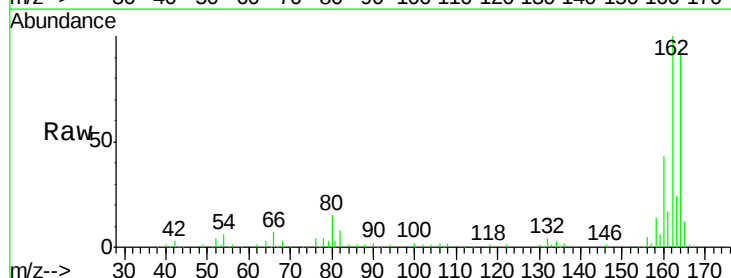
Tgt Ion: 164 Resp: 109582

Ion Ratio Lower Upper

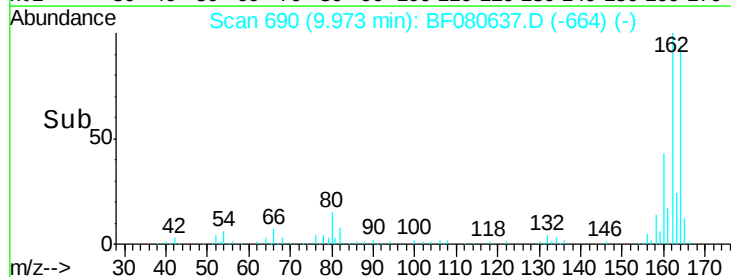
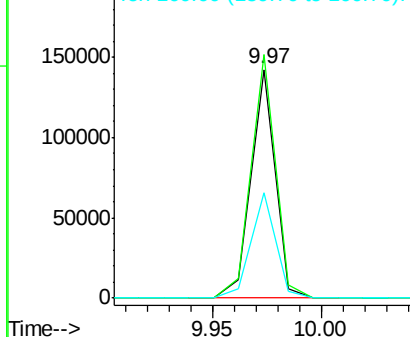
164 100

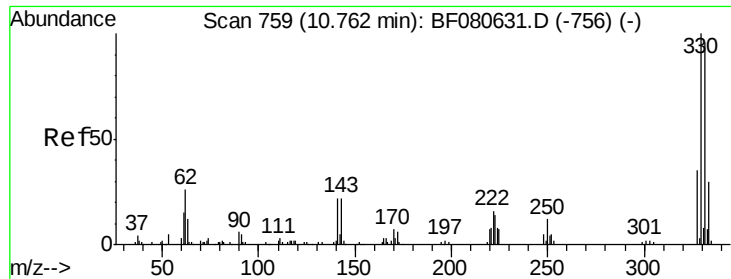
162 106.5 83.3 124.9

160 46.2 36.9 55.3



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

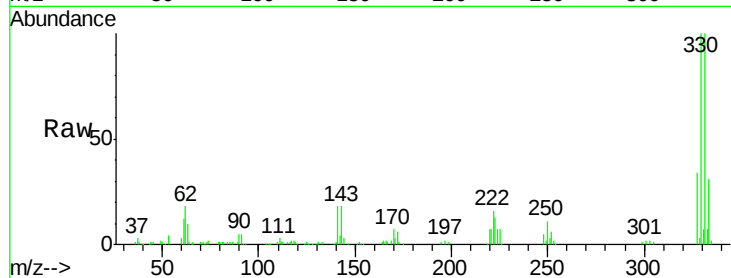




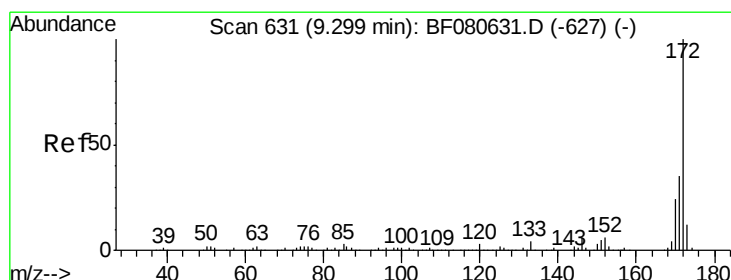
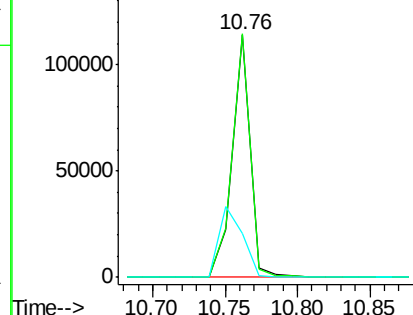
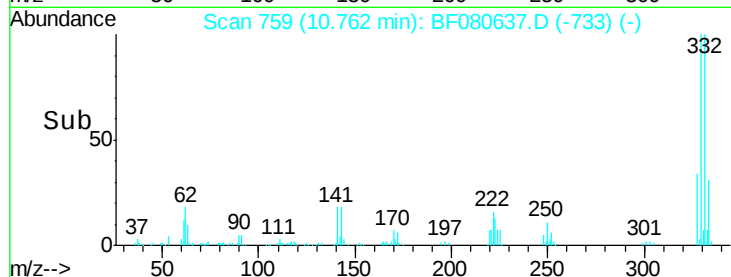
#41
 2,4,6-Tribromophenol
 Concen: 99.70 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF080637.D
 Acq: 24 Jul 2015 20:50

Instrument :
 BNA_F
 ClientSampleId :
 PB84652BL

Tgt Ion:330 Resp: 98154
 Ion Ratio Lower Upper
 330 100
 332 100.3 76.7 115.1
 141 38.8 32.7 49.1

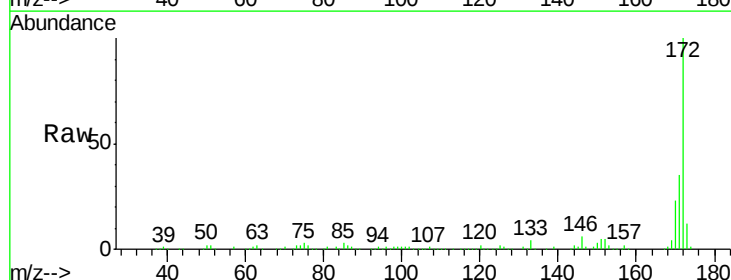


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

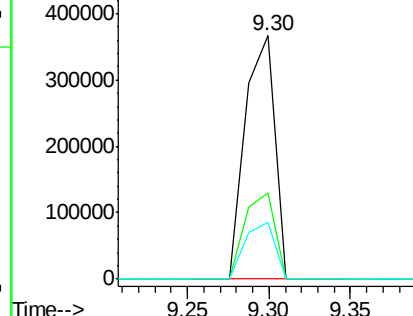
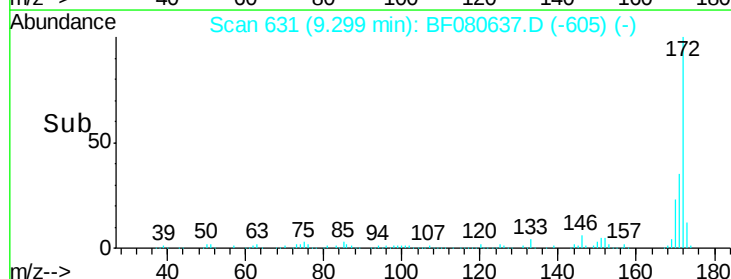


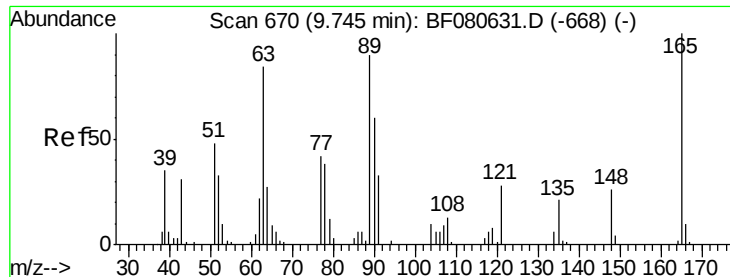
#44
 2-Fluorobiphenyl
 Concen: 64.15 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF080637.D
 Acq: 24 Jul 2015 20:50

Tgt Ion:172 Resp: 455596
 Ion Ratio Lower Upper
 172 100
 171 35.3 27.7 41.5
 170 23.2 19.0 28.4



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

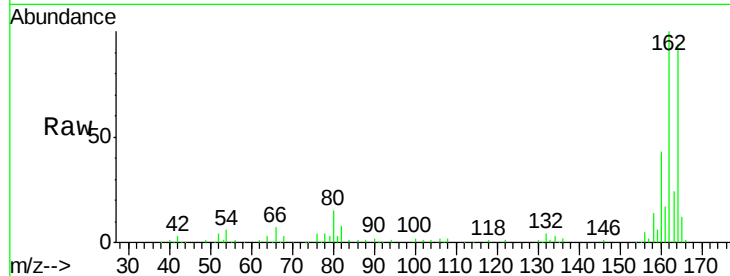




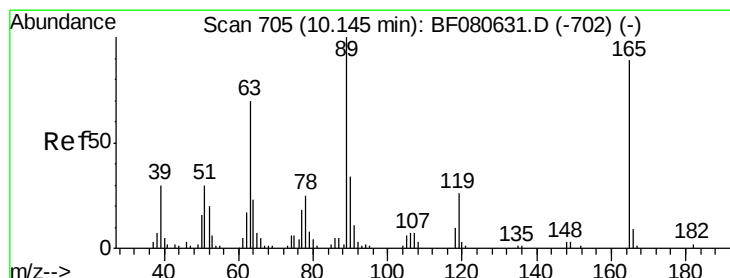
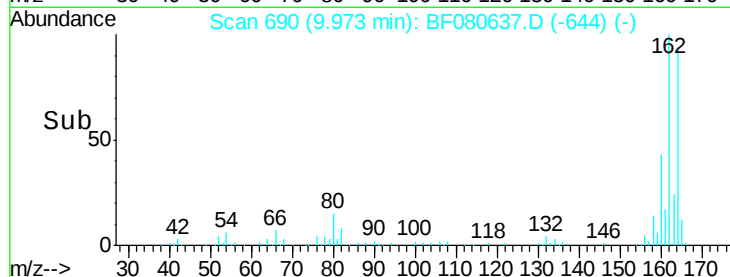
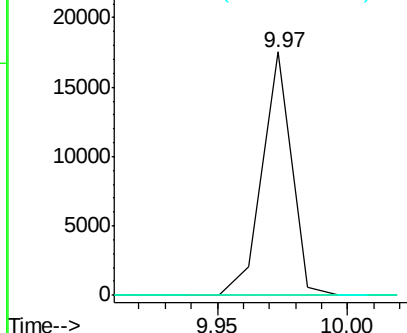
#50
 2,6-Dinitrotoluene
 Concen: 9.90 ng
 RT: 9.97 min Scan# 690
 Delta R.T. 0.23 min
 Lab File: BF080637.D
 Acq: 24 Jul 2015 20:50

Instrument :
 BNA_F
 ClientSampleId :
 PB84652BL

Tgt Ion:165 Resp: 13857
 Ion Ratio Lower Upper
 165 100
 63 0.0 84.0 126.0#
 89 0.0 71.7 107.5#

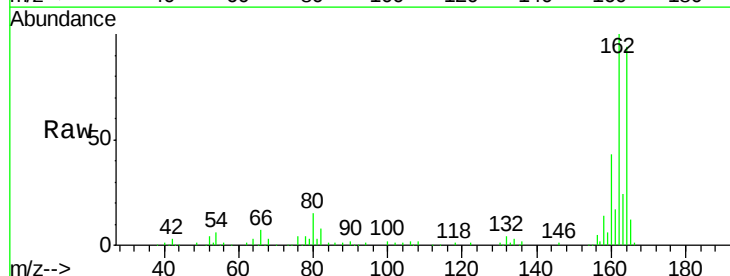


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

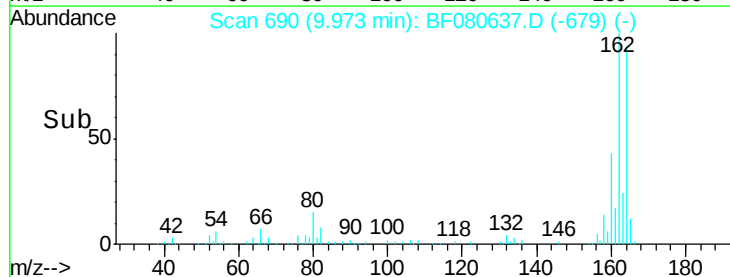
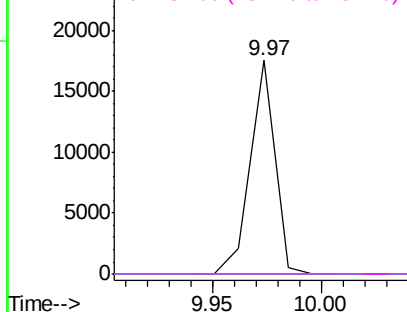


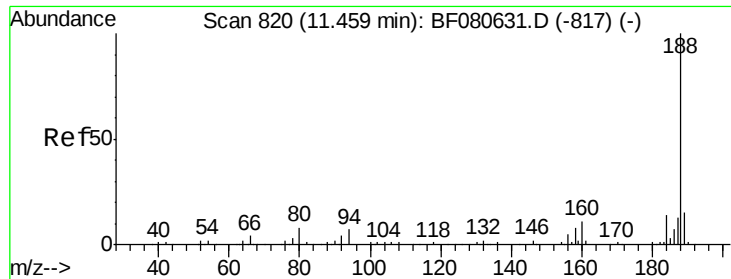
#56
 2,4-Dinitrotoluene
 Concen: 7.49 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.17 min
 Lab File: BF080637.D
 Acq: 24 Jul 2015 20:50

Tgt Ion:165 Resp: 13857
 Ion Ratio Lower Upper
 165 100
 63 0.0 63.0 94.4#
 89 0.0 90.2 135.2#
 182 0.0 1.6 2.4#



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

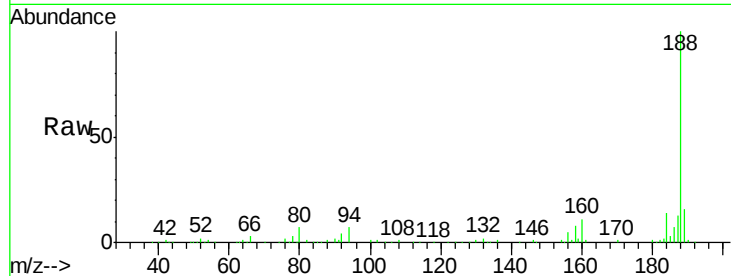




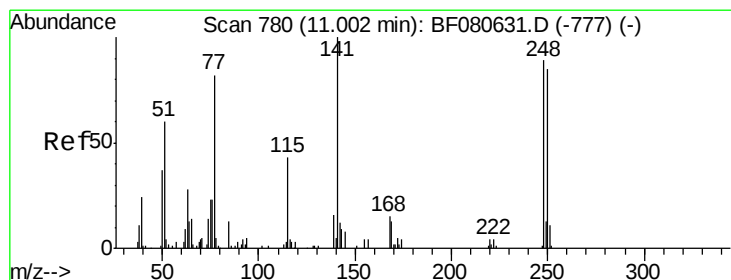
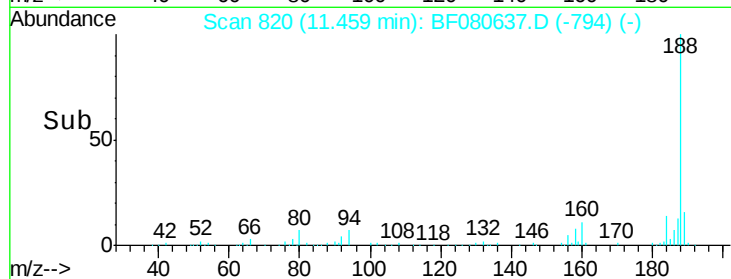
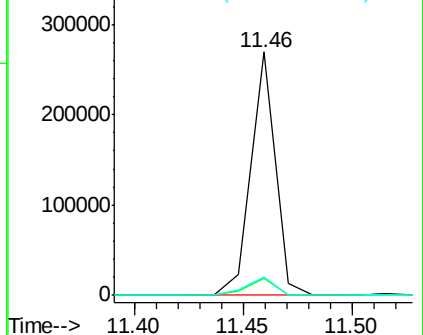
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF080637.D
 Acq: 24 Jul 2015 20:50

Instrument :
 BNA_F
 ClientSampleId :
 PB84652BL

Tgt Ion:188 Resp: 210569
 Ion Ratio Lower Upper
 188 100
 94 6.9 5.6 8.4
 80 7.5 6.1 9.1

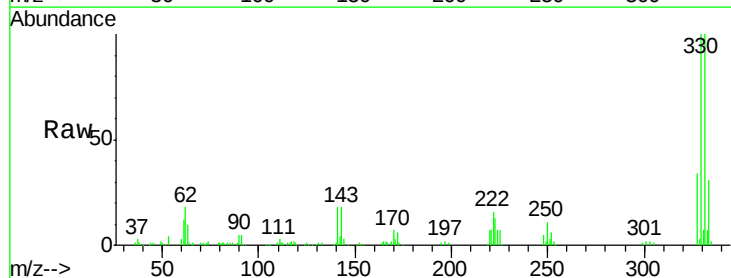


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

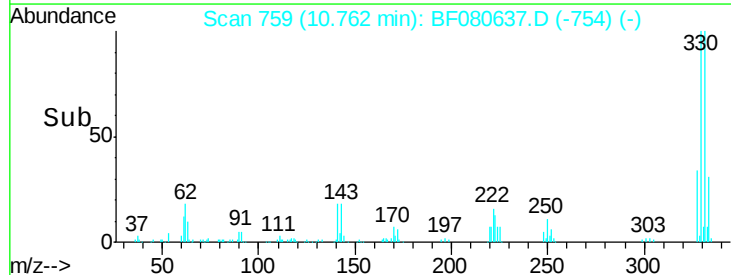
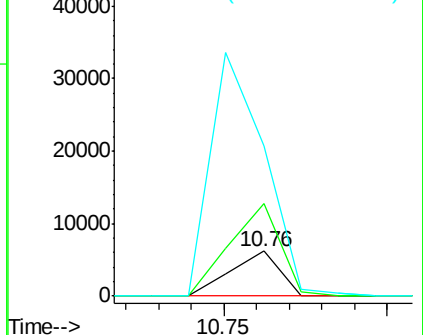


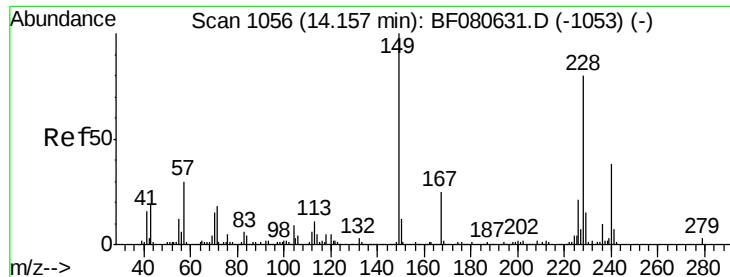
#66
 4-Bromophenyl-phenylether
 Concen: 3.18 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.24 min
 Lab File: BF080637.D
 Acq: 24 Jul 2015 20:50

Tgt Ion:248 Resp: 6300
 Ion Ratio Lower Upper
 248 100
 250 205.2 76.6 114.8#
 141 333.4 90.0 135.0#



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: 14.20 min Scan# 1060

Delta R.T. 0.05 min

Lab File: BF080637.D

Acq: 24 Jul 2015 20:50

Instrument :

BNA_F

ClientSampled :

PB84652BL

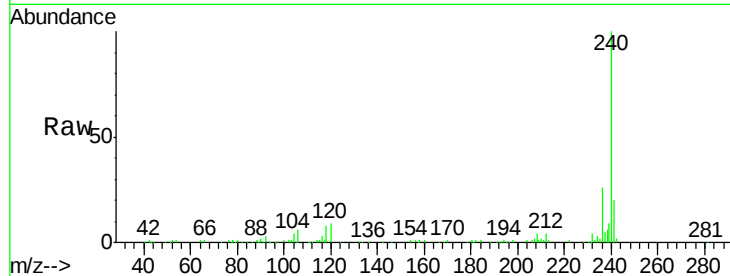
Tgt Ion:240 Resp: 194355

Ion Ratio Lower Upper

240 100

120 9.1 10.8 16.2#

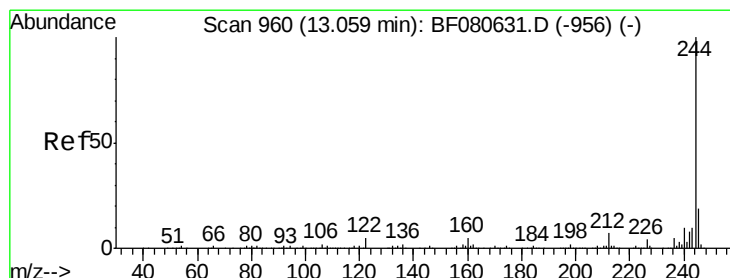
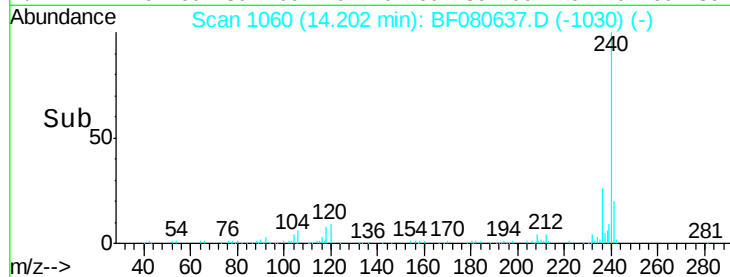
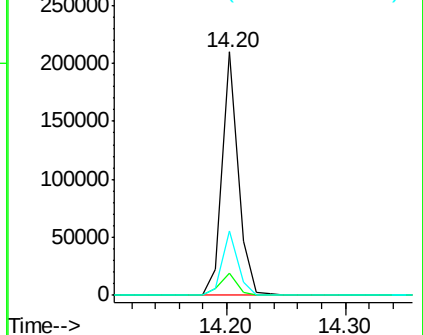
236 26.2 20.3 30.5



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: 58.51 ng

RT: 13.07 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF080637.D

Acq: 24 Jul 2015 20:50

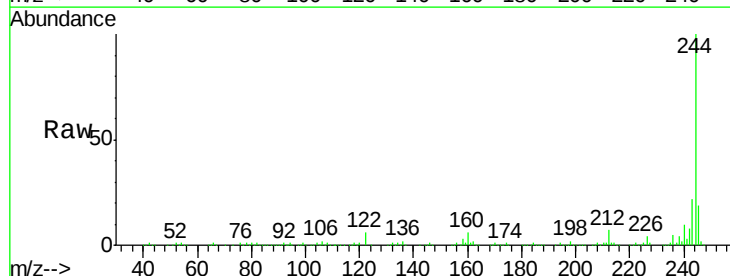
Tgt Ion:244 Resp: 528152

Ion Ratio Lower Upper

244 100

212 7.0 5.2 7.8

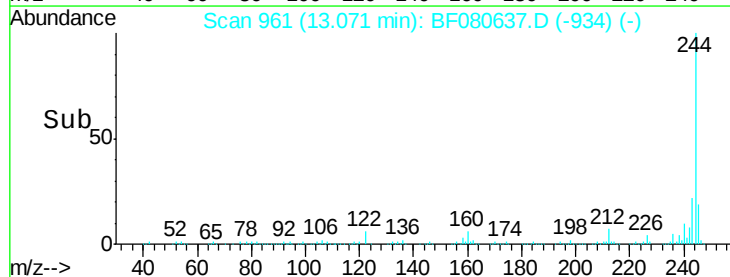
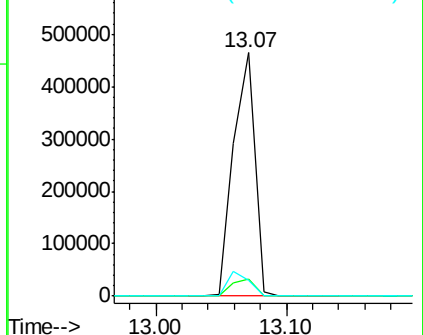
122 6.3 4.1 6.1#

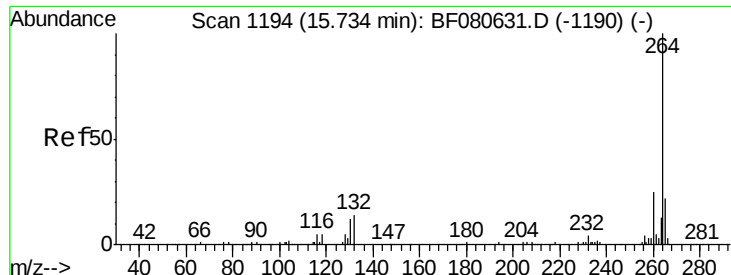


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.81 min Scan# 1201
 Delta R.T. 0.08 min
 Lab File: BF080637.D
 Acq: 24 Jul 2015 20:50

Instrument :
 BNA_F
 ClientSampleId :
 PB84652BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	20.1	30.1
265	21.5	17.4	26.0

