

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081015\
 Data File : BF080957.D
 Acq On : 10 Aug 2015 18:07
 Operator : TP/UM
 Sample : PB84929TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84929TB

Quant Time: Aug 11 01:12:34 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

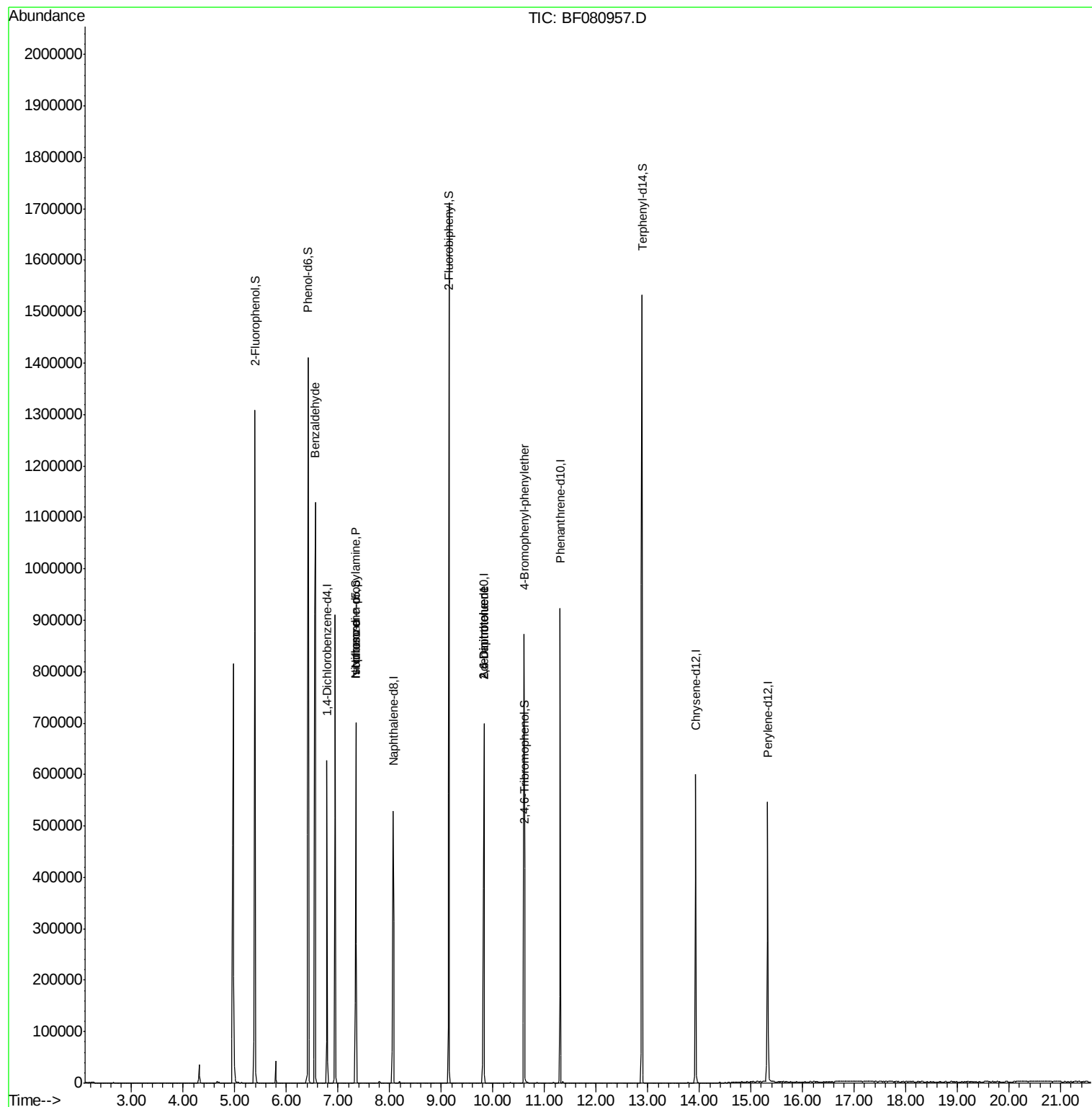
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	79634	20.00	ng	-0.02
21) Naphthalene-d8	8.06	136	293115	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	163575	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	313633	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	268224	20.00	ng	-0.03
86) Perylene-d12	15.32	264	249302	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	400706	82.21	ng	0.01
7) Phenol-d6	6.42	99	457095	68.44	ng	-0.02
23) Nitrobenzene-d5	7.34	82	259790	41.92	ng	-0.03
41) 2,4,6-Tribromophenol	10.61	330	117515	65.39	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	548073	47.17	ng	-0.02
78) Terphenyl-d14	12.89	244	605092	46.60	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.56	77	9590	2.13	ng	Qvalue 95
19) n-Nitroso-di-n-propylamine	7.34	70	34572	7.08	ng	# 80
25) Isophorone	7.34	82	224056	18.80	ng	# 65
50) 2,6-Dinitrotoluene	9.82	165	20687	7.37	ng	# 7
56) 2,4-Dinitrotoluene	9.82	165	20687	5.51	ng	# 9
66) 4-Bromophenyl-phenylether	10.60	248	7083	2.13	ng	# 1

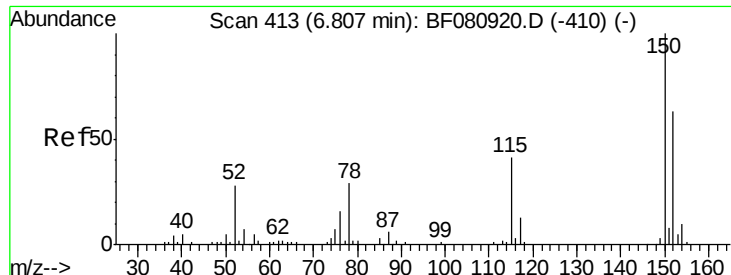
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081015\
Data File : BF080957.D
Acq On : 10 Aug 2015 18:07
Operator : TP/UM
Sample : PB84929TB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84929TB

Quant Time: Aug 11 01:12:34 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.02 min

Lab File: BF080957.D

Acq: 10 Aug 2015 18:07

Instrument :

BNA_F

ClientSampled :

PB84929TB

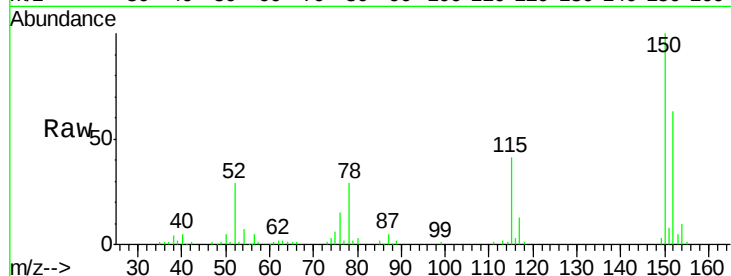
Tot Ion:152 Resp: 79634

Ion Ratio Lower Upper

152 100

150 159.2 127.4 191.2

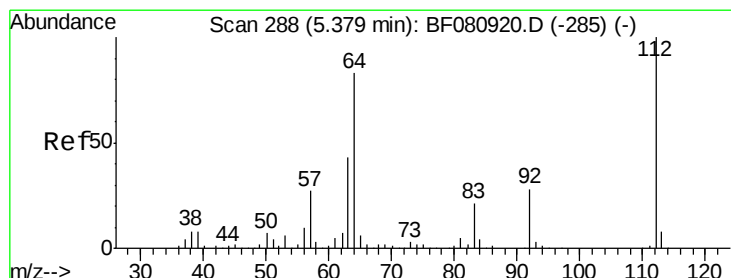
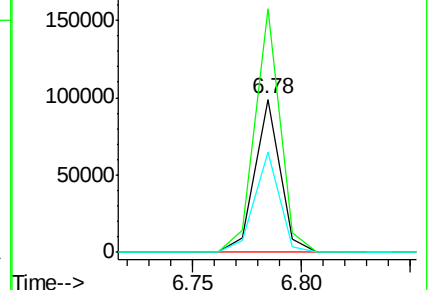
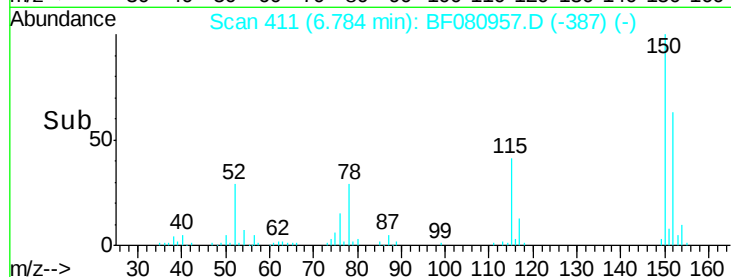
115 65.2 52.6 78.8



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: 82.21 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF080957.D

Acq: 10 Aug 2015 18:07

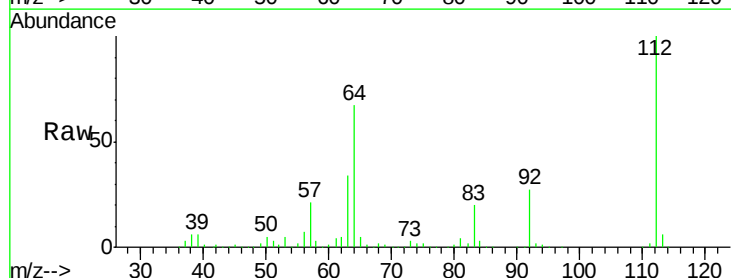
Tgt Ion:112 Resp: 400706

Ion Ratio Lower Upper

112 100

64 67.3 66.1 99.1

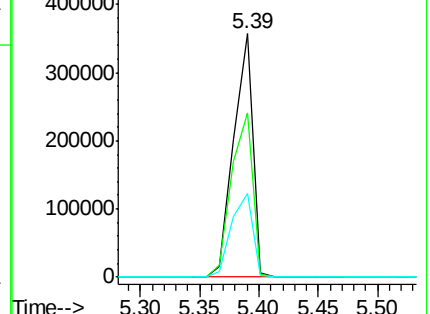
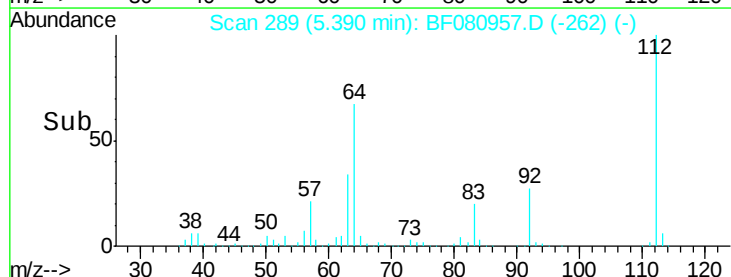
63 34.5 34.6 52.0#

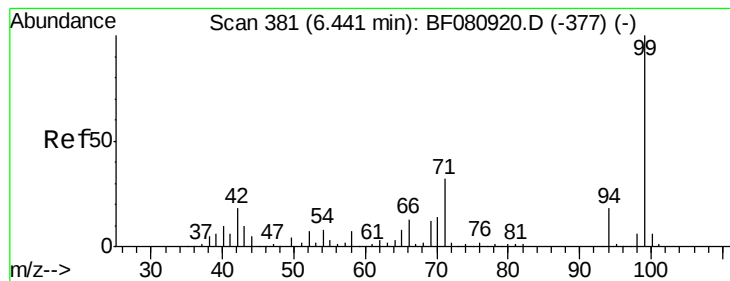


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 68.44 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF080957.D

Acq: 10 Aug 2015 18:07

Instrument :

BNA_F

ClientSampleId :

PB84929TB

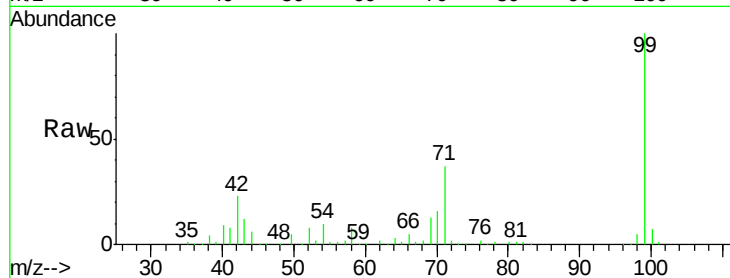
Tot Ion: 99 Resp: 457095

Ion Ratio Lower Upper

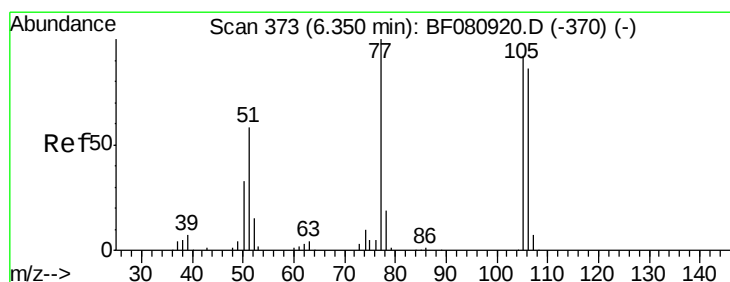
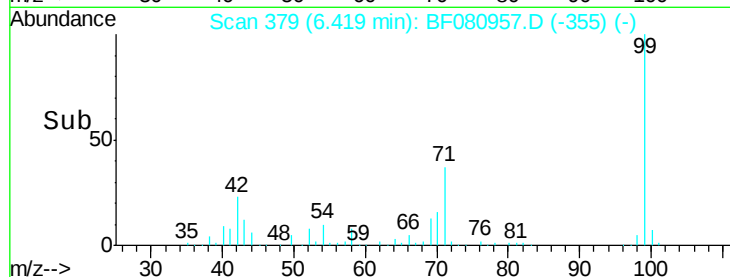
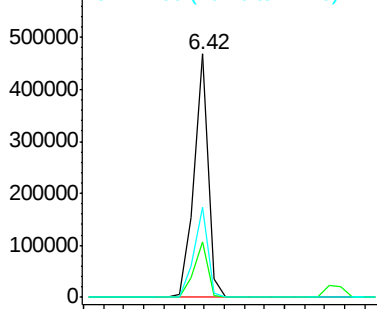
99 100

42 22.6 14.4 21.6#

71 36.9 25.8 38.8



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: 2.13 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.21 min

Lab File: BF080957.D

Acq: 10 Aug 2015 18:07

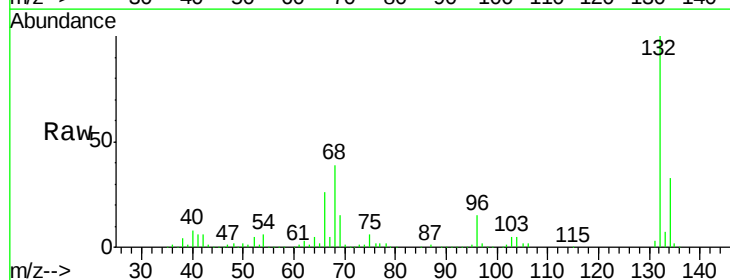
Tgt Ion: 77 Resp: 9590

Ion Ratio Lower Upper

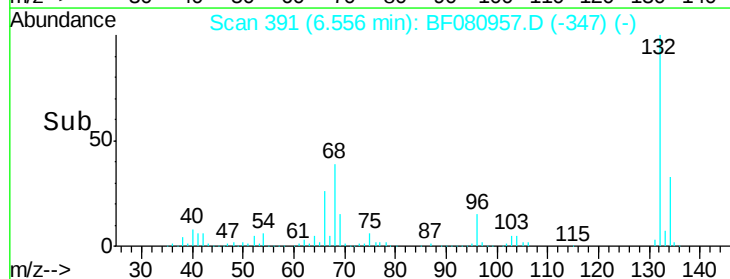
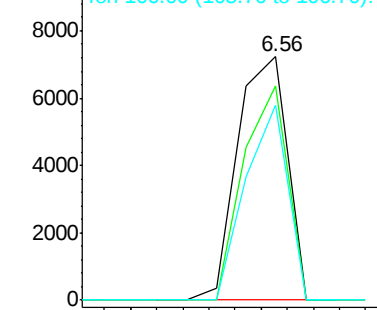
77 100

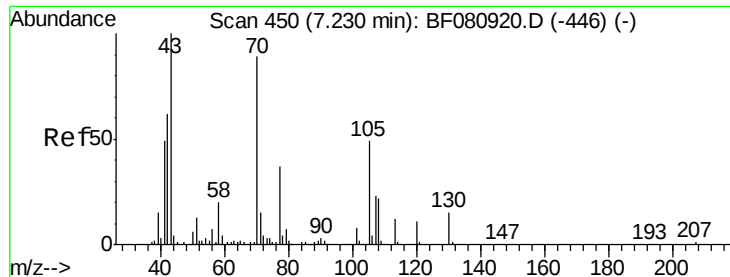
105 88.1 71.6 111.6

106 80.1 65.7 105.7



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: 7.08 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.11 min

Lab File: BF080957.D

Acq: 10 Aug 2015 18:07

Instrument :

BNA_F

ClientSampleId :

PB84929TB

Tot Ion: 70 Resp: 34572

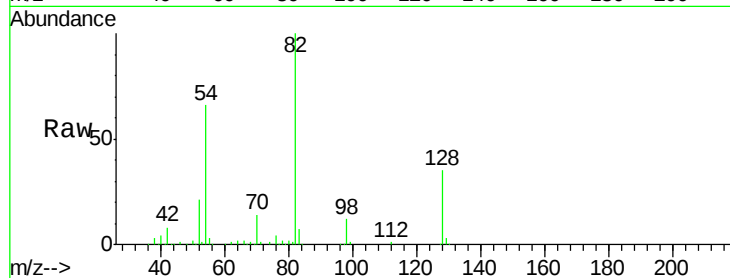
Ion Ratio Lower Upper

70 100

42 57.2 55.7 83.5

101 0.0 7.0 10.6#

130 1.8 13.8 20.8#

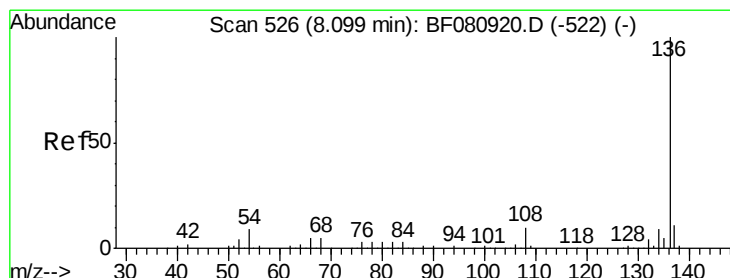
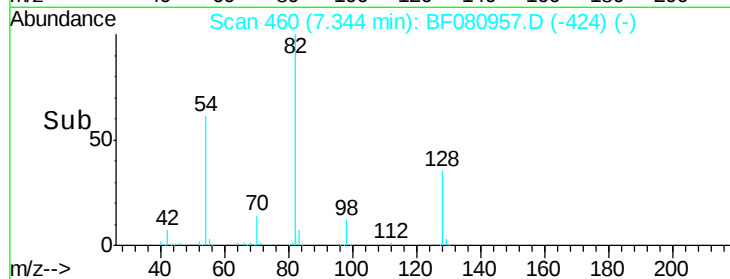
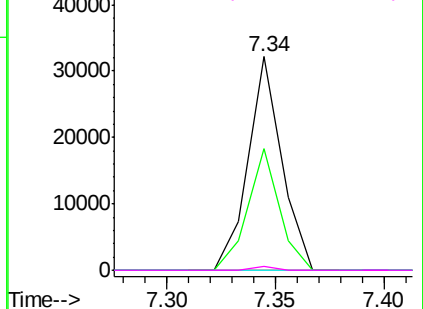


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.03 min

Lab File: BF080957.D

Acq: 10 Aug 2015 18:07

Tgt Ion: 136 Resp: 293115

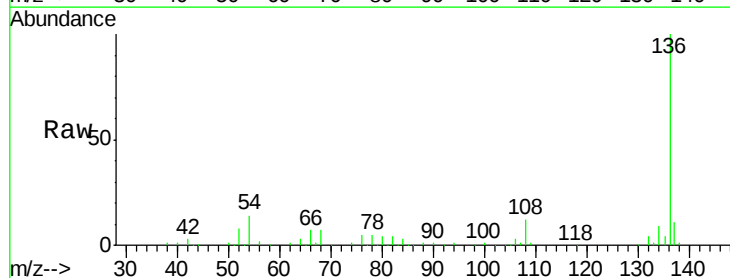
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 14.4 7.1 10.7#

68 6.8 3.8 5.8#

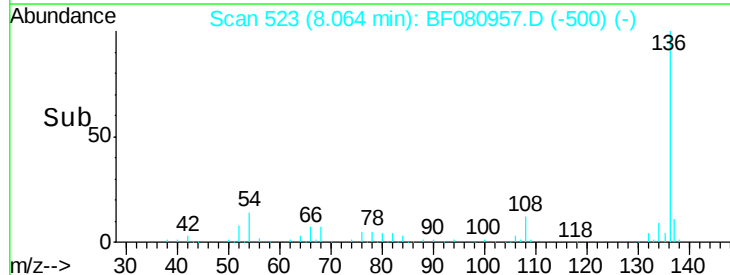
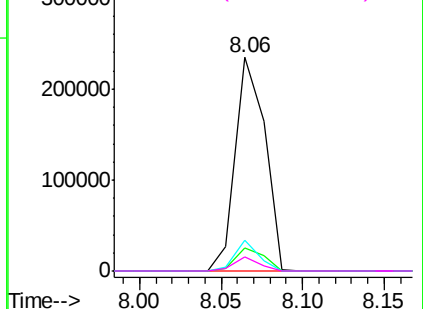


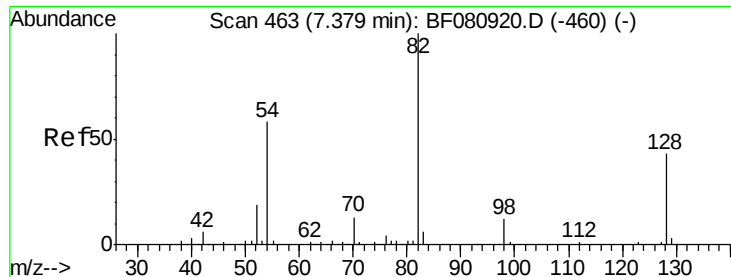
Abundance Ion 136.00 (135.70 to 136.70): E

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

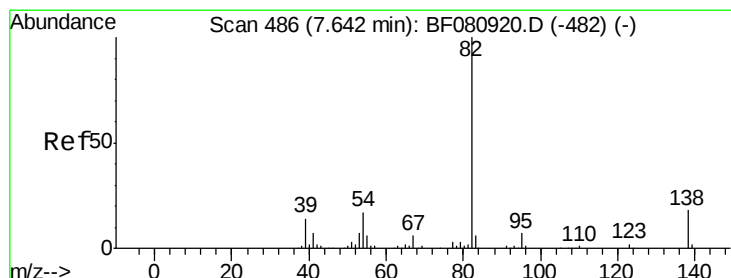
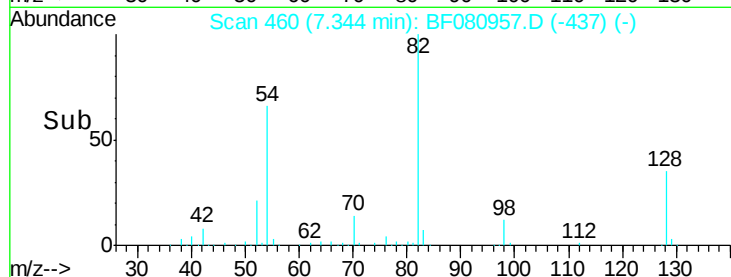
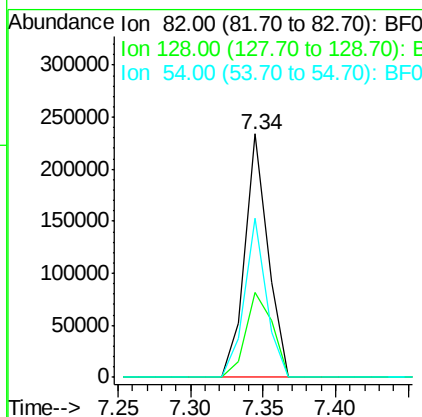
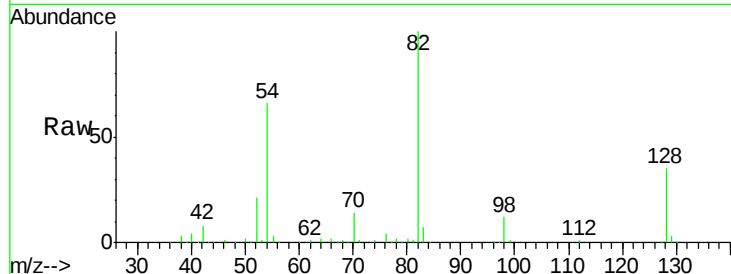




#23
 Nitrobenzene-d5
 Concen: 41.92 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.03 min
 Lab File: BF080957.D
 Acq: 10 Aug 2015 18:07

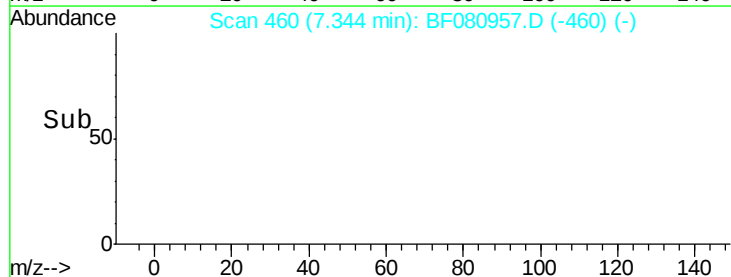
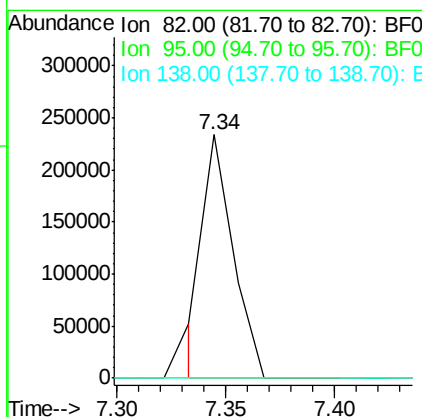
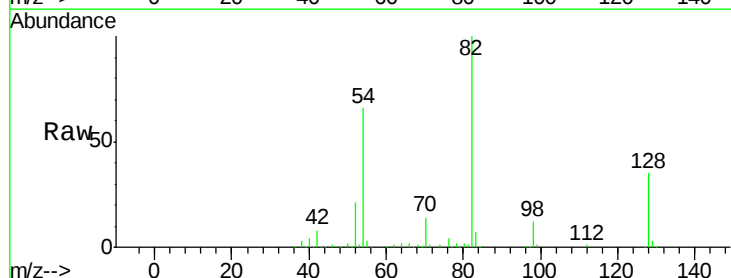
Instrument :
 BNA_F
 ClientSampleId :
 PB84929TB

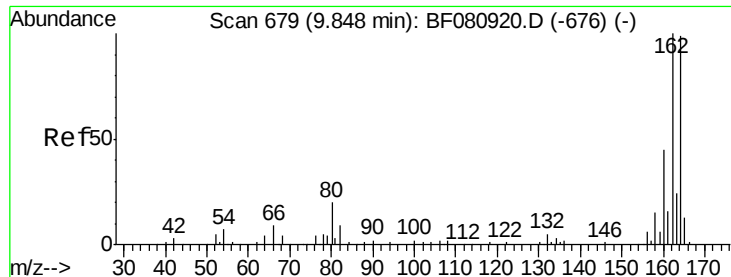
Tot Ion	82	Resp	259790
Ion Ratio	Lower	Upper	
82	100		
128	34.9	34.1	51.1
54	65.6	46.5	69.7



#25
 Isophorone
 Concen: 18.80 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.30 min
 Lab File: BF080957.D
 Acq: 10 Aug 2015 18:07

Tgt Ion	82	Resp	224056
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.8	8.6#
138	0.0	14.1	21.1#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF080957.D

Acq: 10 Aug 2015 18:07

Instrument :

BNA_F

ClientSampleId :

PB84929TB

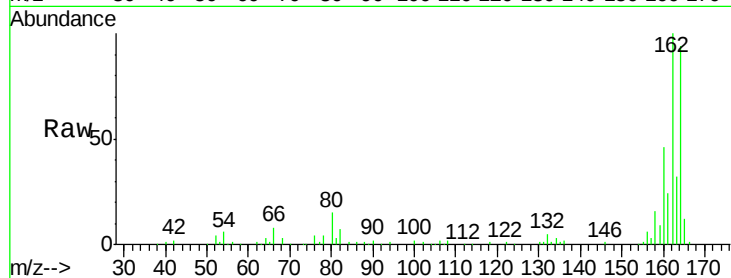
Tot Ion:164 Resp: 163575

Ion Ratio Lower Upper

164 100

162 106.5 80.5 120.7

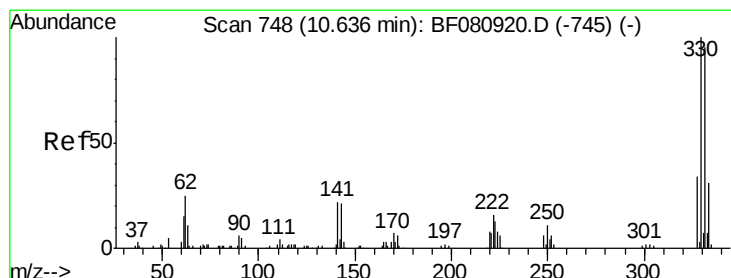
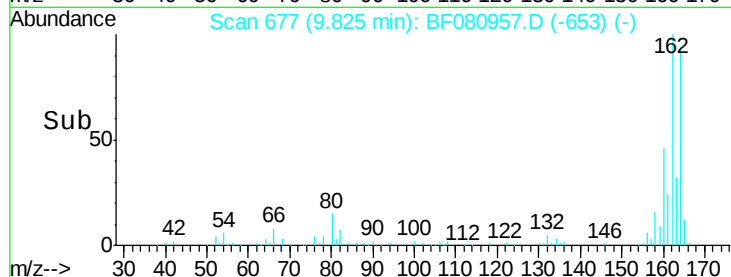
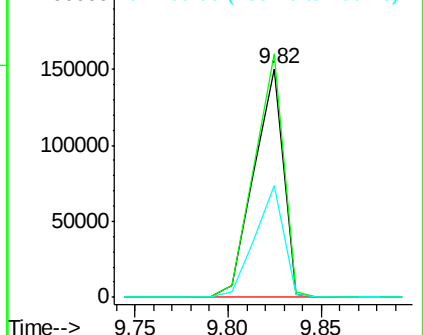
160 49.1 36.6 54.8



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: 65.39 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF080957.D

Acq: 10 Aug 2015 18:07

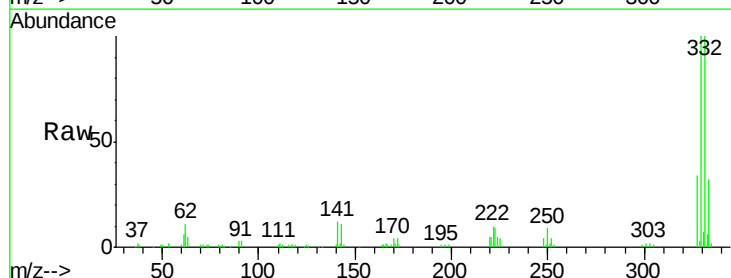
Tgt Ion:330 Resp: 117515

Ion Ratio Lower Upper

330 100

332 97.8 76.2 114.4

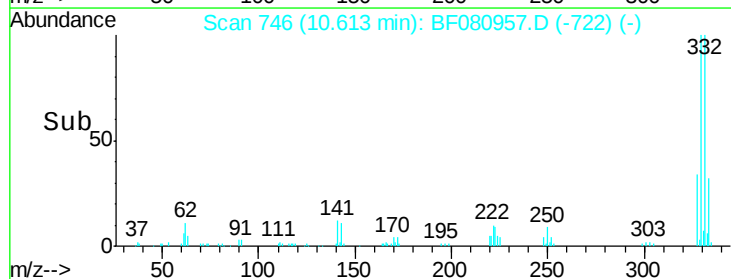
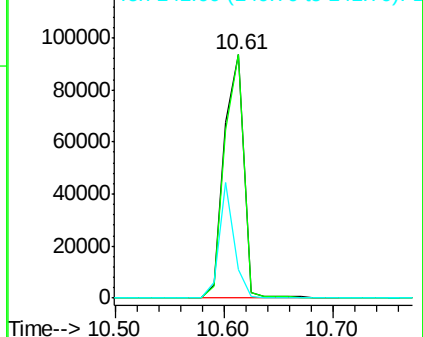
141 36.6 27.8 41.8

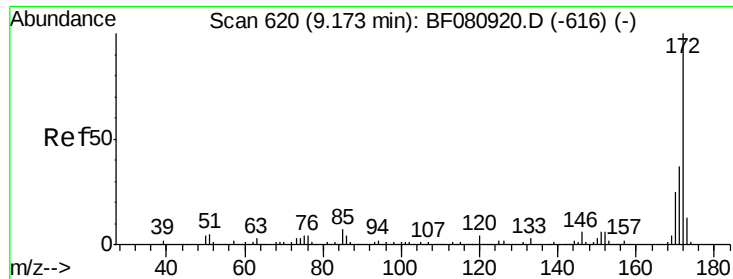


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

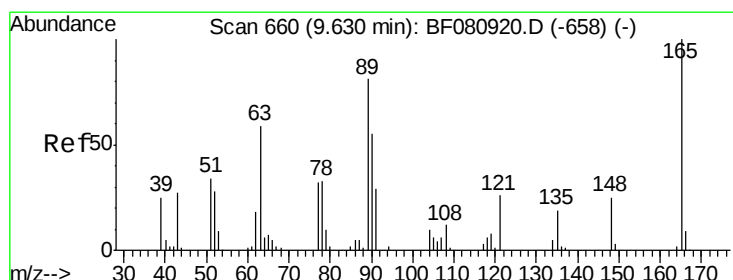
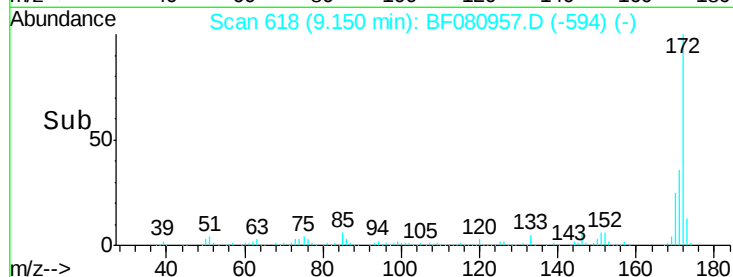
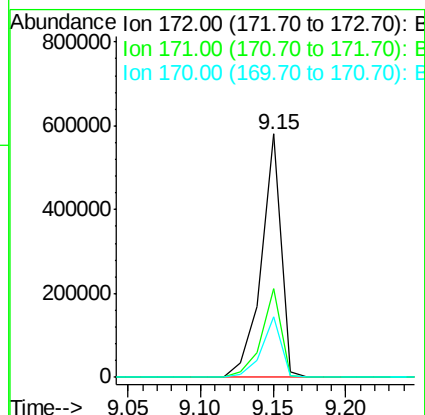
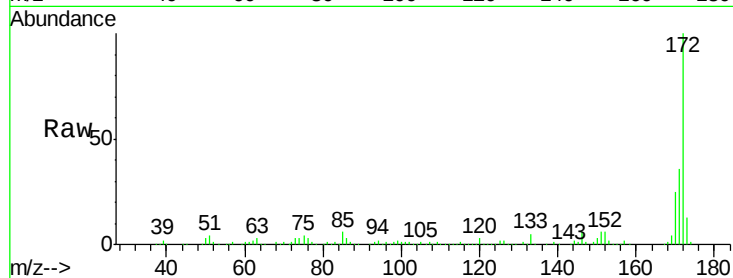




#44
 2-Fluorobiphenyl
 Concen: 47.17 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF080957.D
 Acq: 10 Aug 2015 18:07

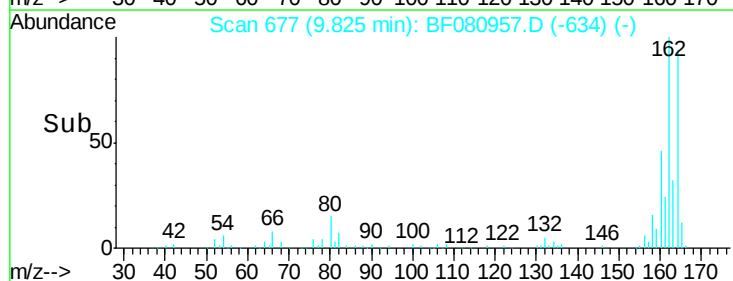
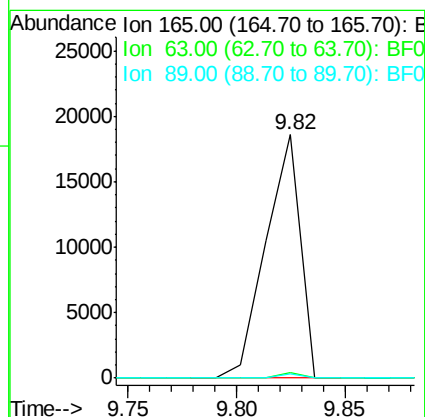
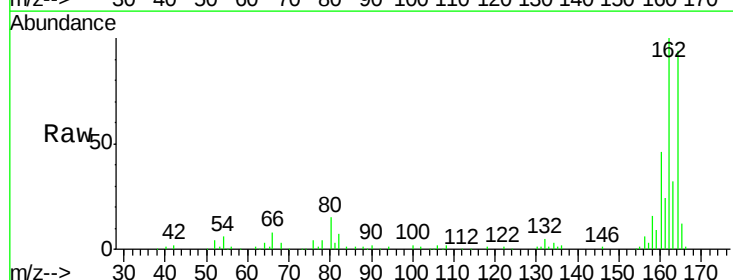
Instrument :
 BNA_F
 ClientSampleId :
 PB84929TB

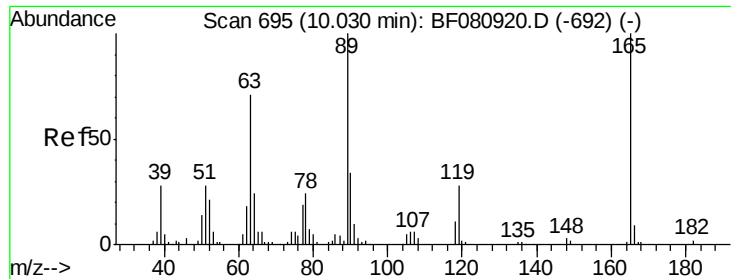
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	25.0	19.7	29.5



#50
 2,6-Dinitrotoluene
 Concen: 7.37 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.19 min
 Lab File: BF080957.D
 Acq: 10 Aug 2015 18:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	77.6	116.4#
89	1.8	64.5	96.7#

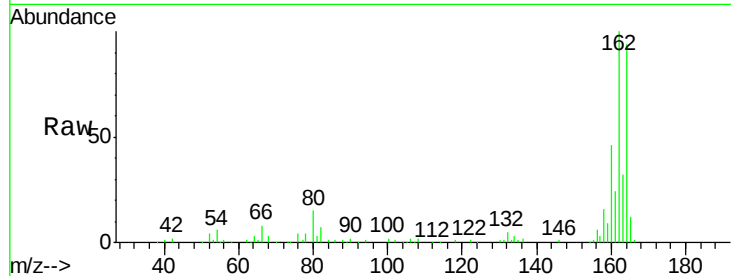




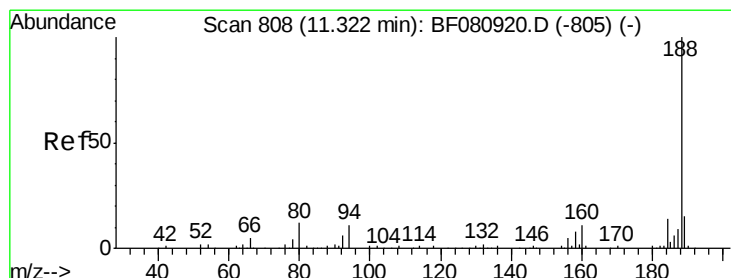
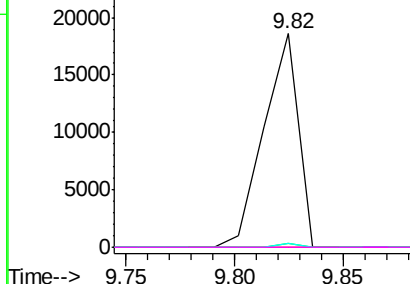
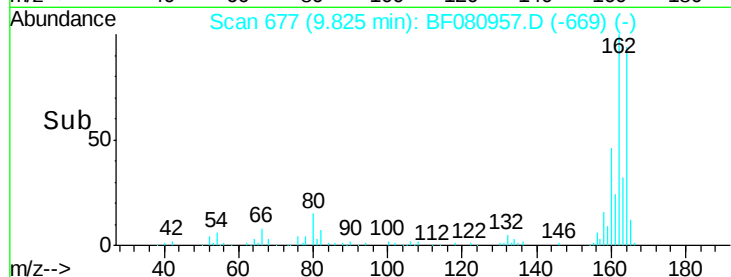
#56
 2,4-Dinitrotoluene
 Concen: 5.51 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.21 min
 Lab File: BF080957.D
 Acq: 10 Aug 2015 18:07

Instrument :
 BNA_F
 ClientSampled :
 PB84929TB

Tot Ion:165 Resp: 20687
 Ion Ratio Lower Upper
 165 100
 63 2.0 56.7 85.1#
 89 1.8 80.4 120.6#
 182 0.0 1.5 2.3#

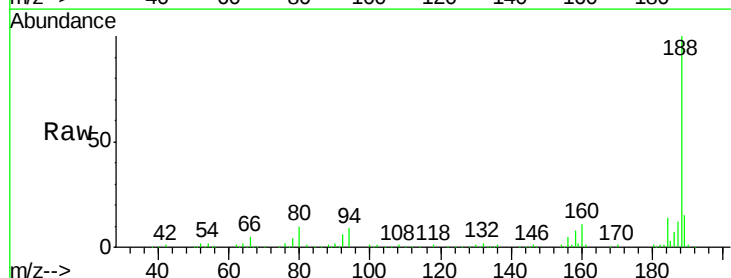


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

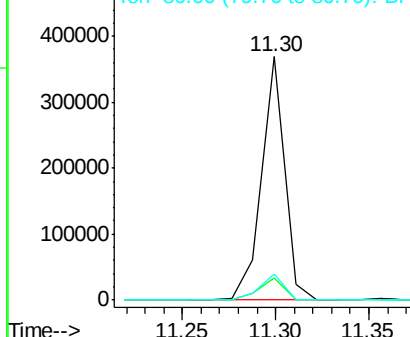
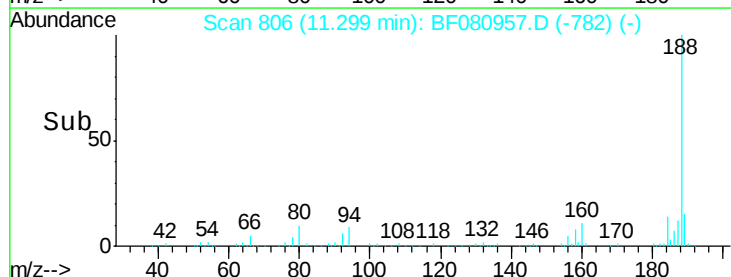


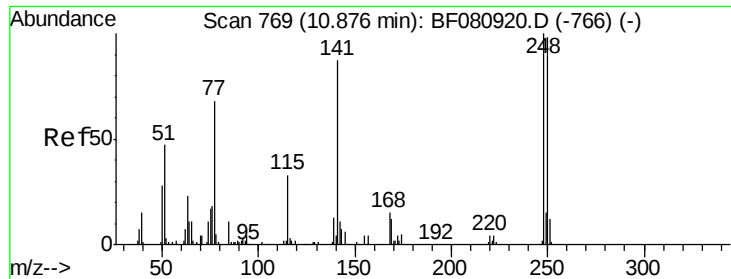
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF080957.D
 Acq: 10 Aug 2015 18:07

Tgt Ion:188 Resp: 313633
 Ion Ratio Lower Upper
 188 100
 94 9.3 8.8 13.2
 80 10.4 9.5 14.3



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: 2.13 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.27 min

Lab File: BF080957.D

Acq: 10 Aug 2015 18:07

Instrument :

BNA_F

ClientSampleId :

PB84929TB

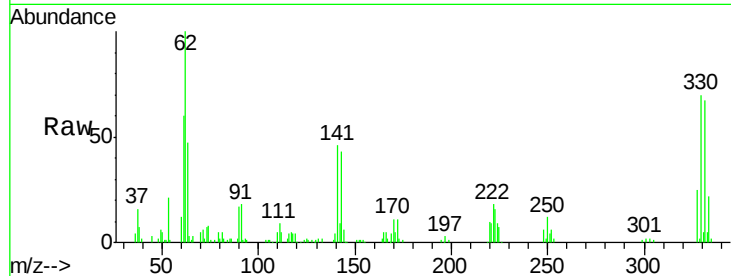
Tot Ion:248 Resp: 7083

Ion Ratio Lower Upper

248 100

250 193.5 78.1 117.1#

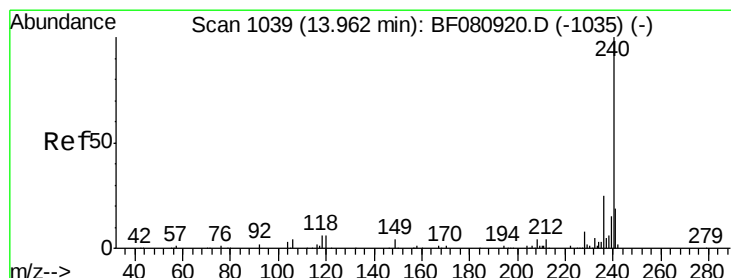
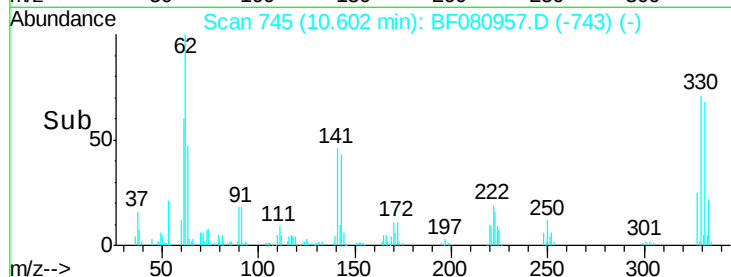
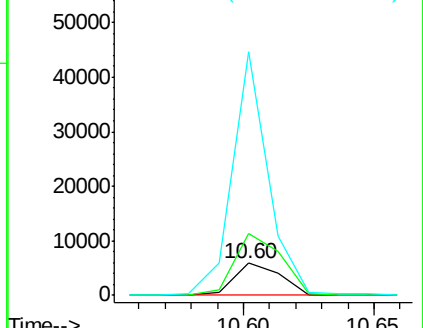
141 765.6 69.6 104.4#



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: 13.93 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF080957.D

Acq: 10 Aug 2015 18:07

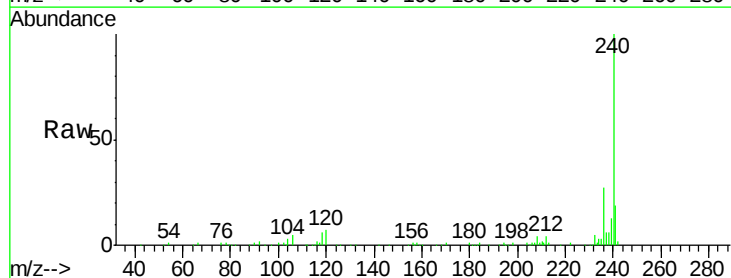
Tgt Ion:240 Resp: 268224

Ion Ratio Lower Upper

240 100

120 7.4 5.2 7.8

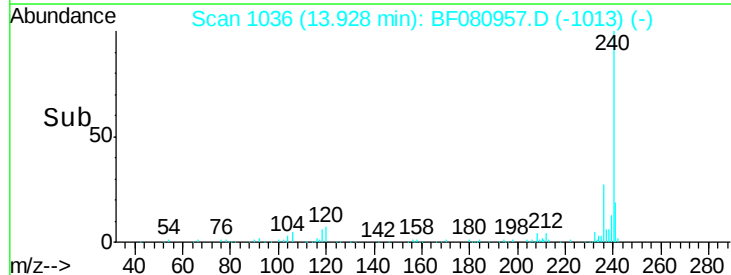
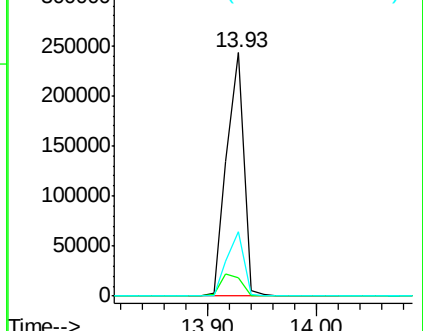
236 26.5 20.2 30.4

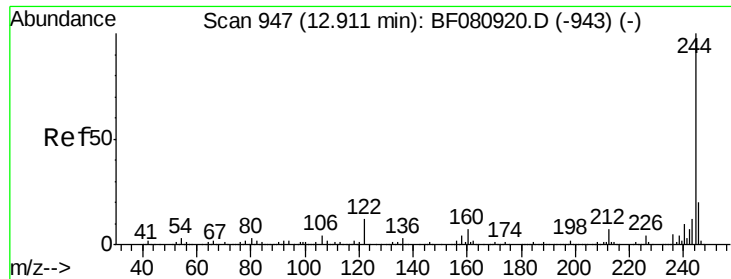


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

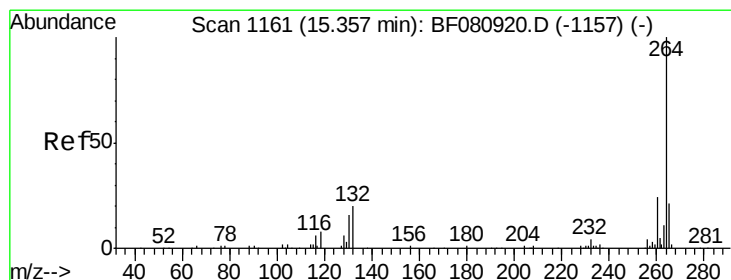
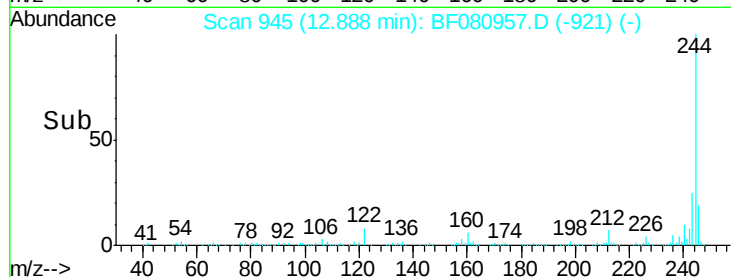
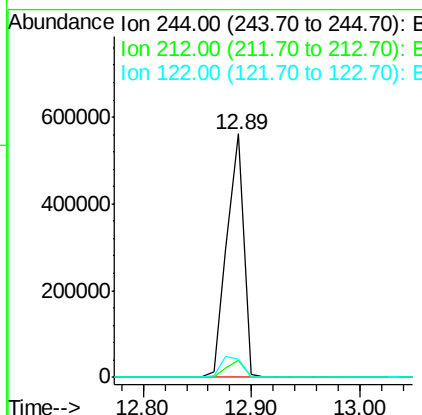
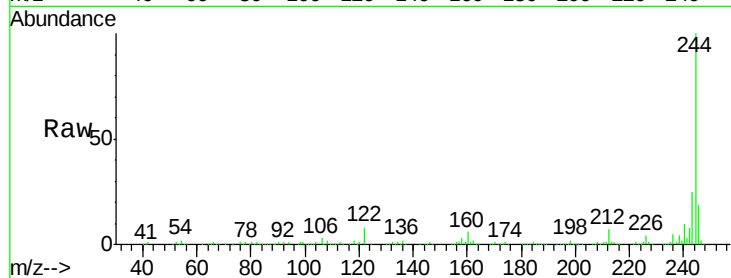




#78
 Terphenyl-d14
 Concen: 46.60 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.02 min
 Lab File: BF080957.D
 Acq: 10 Aug 2015 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB84929TB

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	7.8	9.4	14.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.03 min
 Lab File: BF080957.D
 Acq: 10 Aug 2015 18:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	21.3	17.0	25.4

