

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082936.D
 Acq On : 14 Nov 2015 11:04
 Operator : UM/IZ
 Sample : PB86619BL
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86619BL

Quant Time: Nov 16 00:19:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

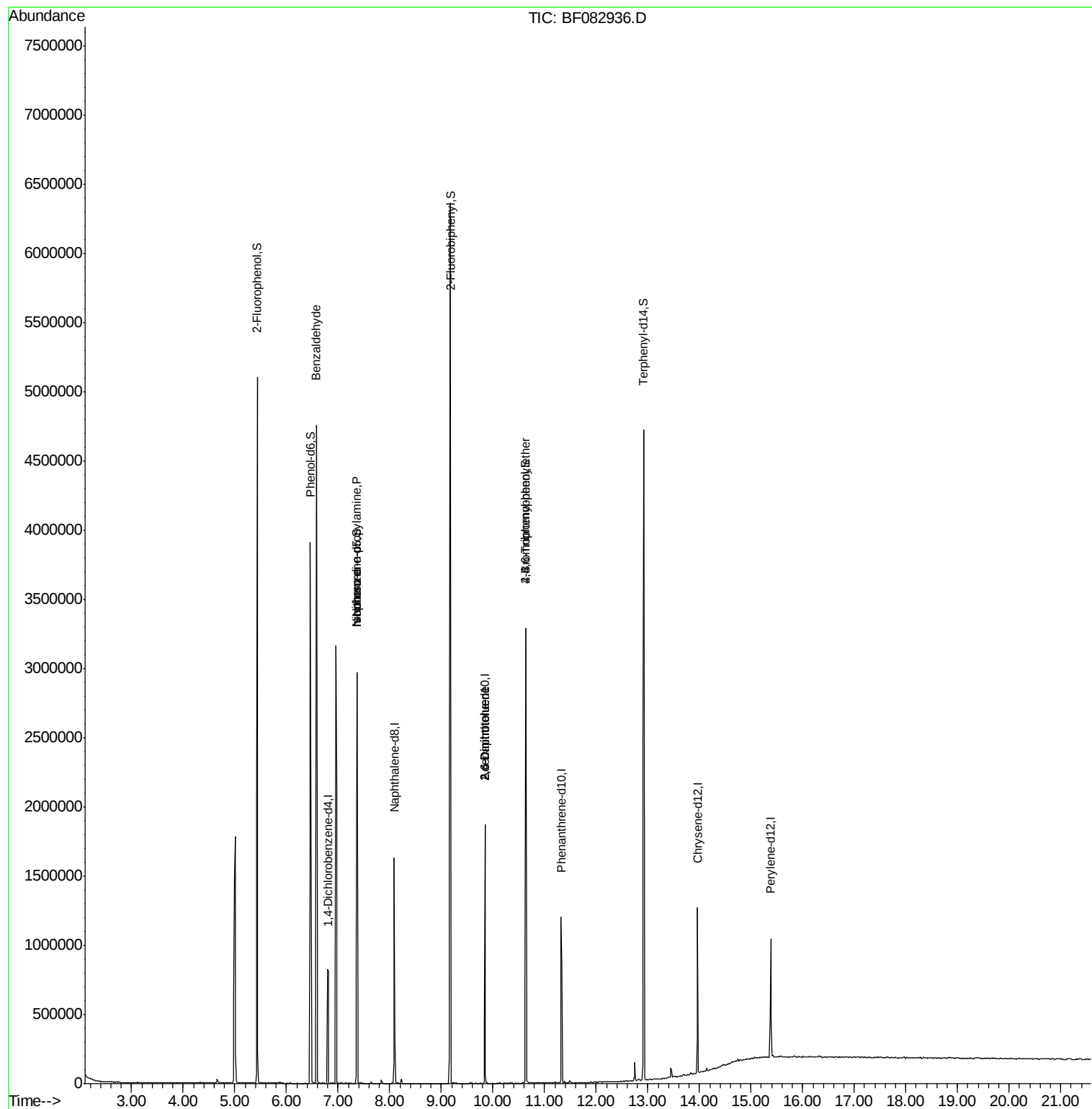
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	183823	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	676040	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	365698	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	583011	20.00	ng	-0.06
75) Chrysene-d12	13.96	240	399952	20.00	ng	-0.06
86) Perylene-d12	15.38	264	385422	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1357516	114.90	ng	-0.01
7) Phenol-d6	6.46	99	1819936	115.87	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1087394	69.99	ng	-0.04
41) 2,4,6-Tribromophenol	10.64	330	354603	84.57	ng	-0.04
44) 2-Fluorobiphenyl	9.17	172	1824776	71.52	ng	-0.05
78) Terphenyl-d14	12.92	244	1641244	97.33	ng	-0.04
Target Compounds						
9) Benzaldehyde	6.58	77	33352	3.84	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.37	70	146258	12.67	ng	# 70
25) Isophorone	7.37	82	1074644	37.38	ng	# 69
50) 2,6-Dinitrotoluene	9.85	165	47126	7.37	ng	# 17
56) 2,4-Dinitrotoluene	9.85	165	47127	5.43	ng	# 16
66) 4-Bromophenyl-phenylether	10.64	248	23646	3.37	ng	# 1

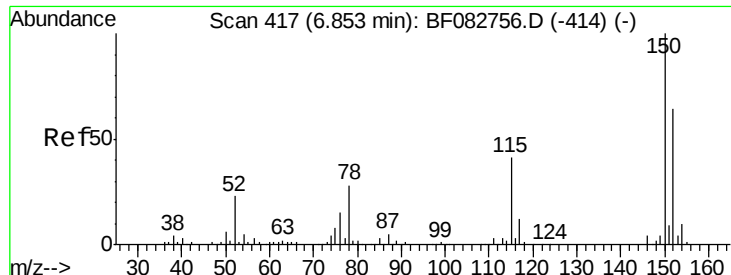
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082936.D
Acq On : 14 Nov 2015 11:04
Operator : UM/IZ
Sample : PB86619BL
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86619BL

Quant Time: Nov 16 00:19:34 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

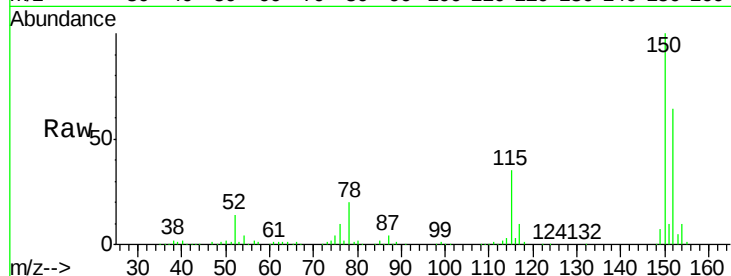




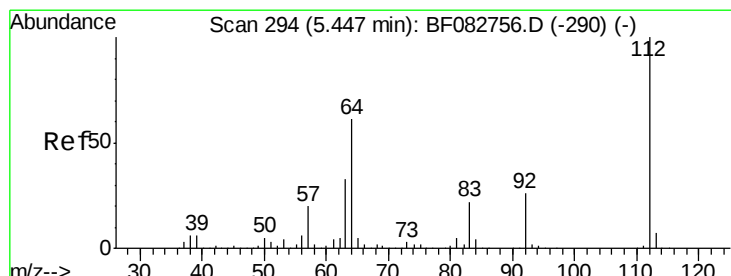
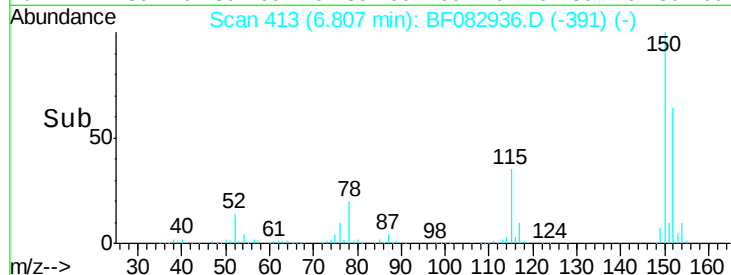
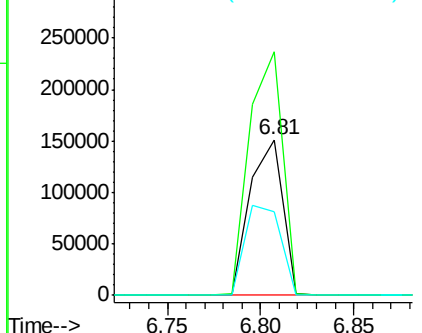
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.05 min
 Lab File: BF082936.D
 Acq: 14 Nov 2015 11:04

Instrument :
 BNA_F
 ClientSampleId :
 PB86619BL

Tgt Ion:152 Resp: 183823
 Ion Ratio Lower Upper
 152 100
 150 156.6 127.0 190.4
 115 54.0 47.0 70.6

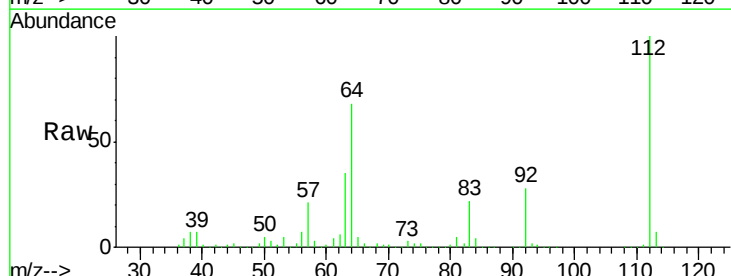


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

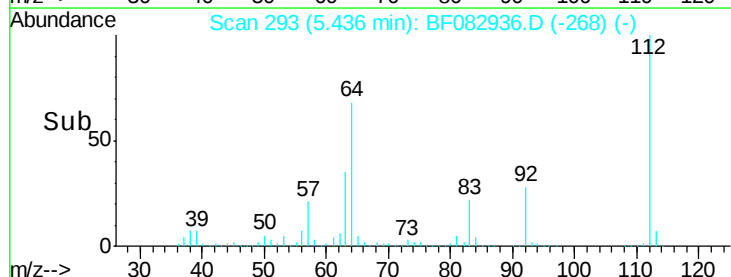
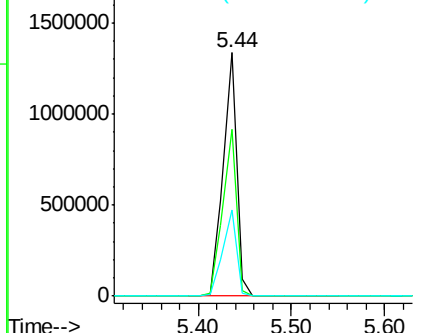


#5
 2-Fluorophenol
 Concen: 114.90 ng
 RT: 5.44 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: BF082936.D
 Acq: 14 Nov 2015 11:04

Tgt Ion:112 Resp: 1357516
 Ion Ratio Lower Upper
 112 100
 64 68.3 48.9 73.3
 63 35.4 28.1 42.1



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: 115.87 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082936.D

Acq: 14 Nov 2015 11:04

Instrument :

BNA_F

ClientSampleId :

PB86619BL

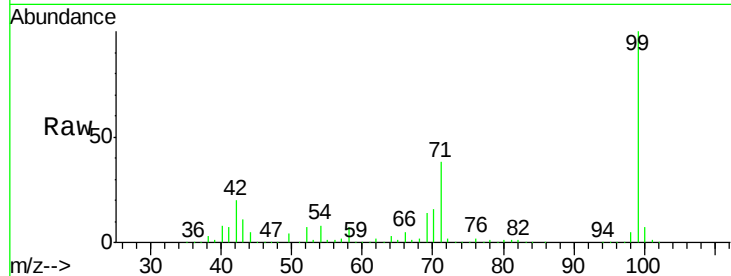
Tgt Ion: 99 Resp: 1819936

Ion Ratio Lower Upper

99 100

42 20.5 19.2 28.8

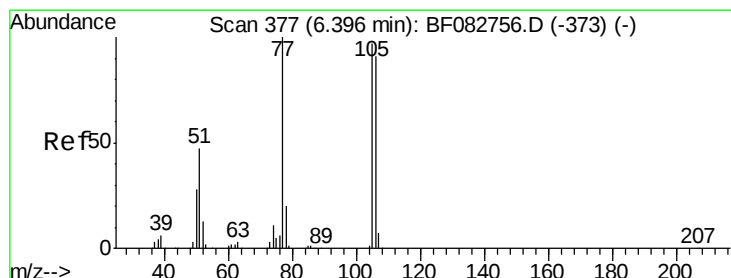
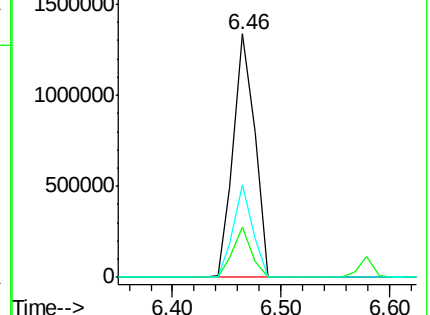
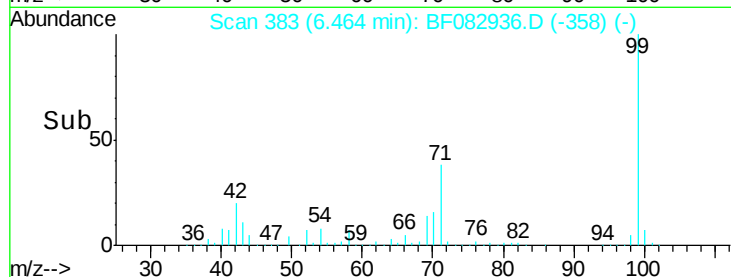
71 38.0 35.0 52.4



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: 3.84 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.18 min

Lab File: BF082936.D

Acq: 14 Nov 2015 11:04

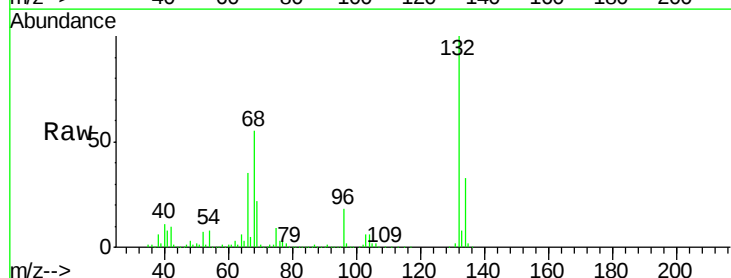
Tgt Ion: 77 Resp: 33352

Ion Ratio Lower Upper

77 100

105 72.3 63.5 103.5

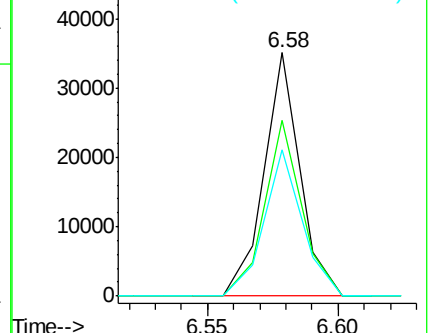
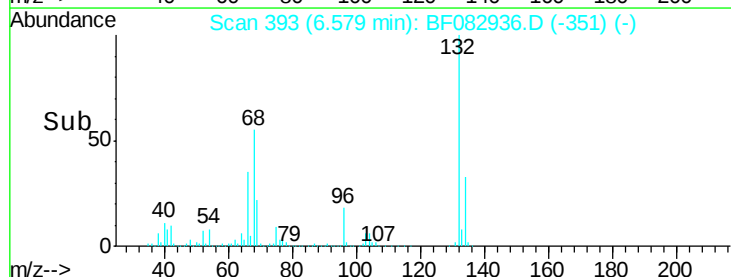
106 60.3 59.3 99.3

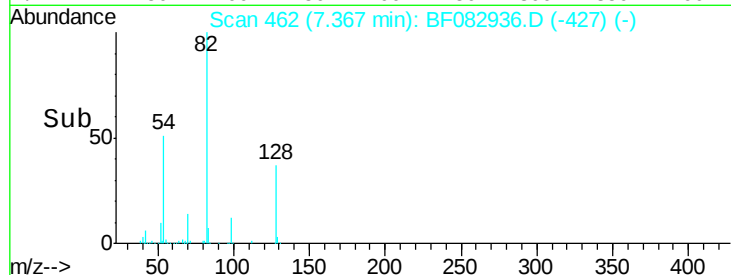
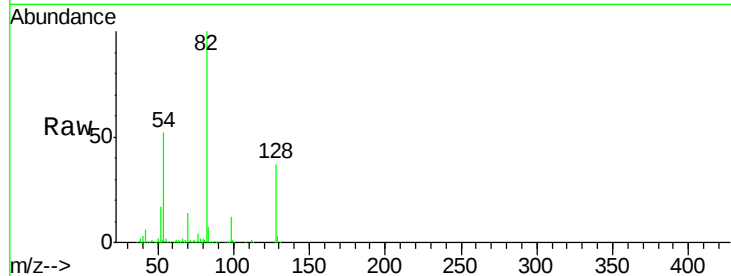


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

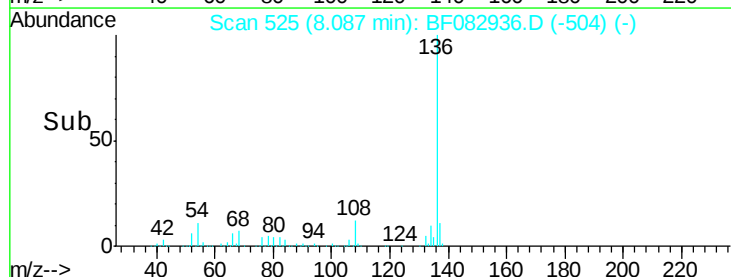
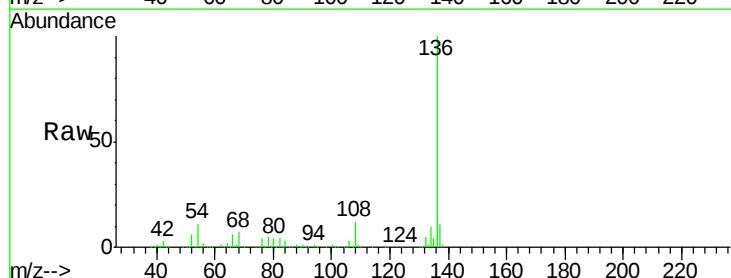
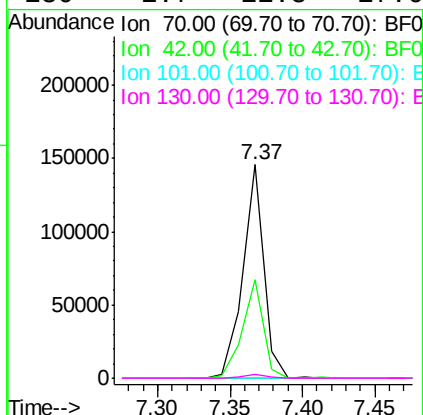




#19
n-Nitroso-di-n-propylamine
Concen: 12.67 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.10 min
Lab File: BF082936.D
Acq: 14 Nov 2015 11:04

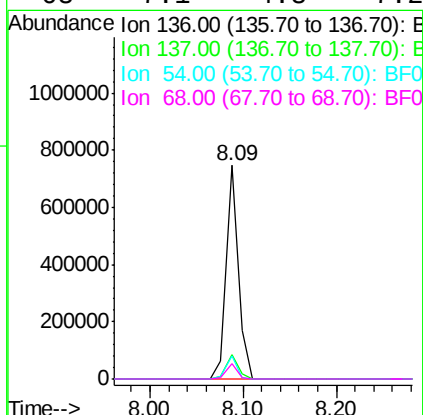
Instrument :
BNA_F
ClientSampleId :
PB86619BL

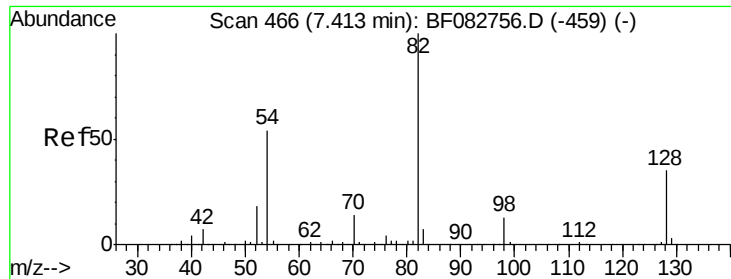
Tgt Ion: 70 Resp: 146258
Ion Ratio Lower Upper
70 100
42 46.3 57.7 86.5#
101 0.0 7.0 10.6#
130 1.7 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF082936.D
Acq: 14 Nov 2015 11:04

Tgt Ion: 136 Resp: 676040
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 10.6 9.1 13.7
68 7.1 4.8 7.2

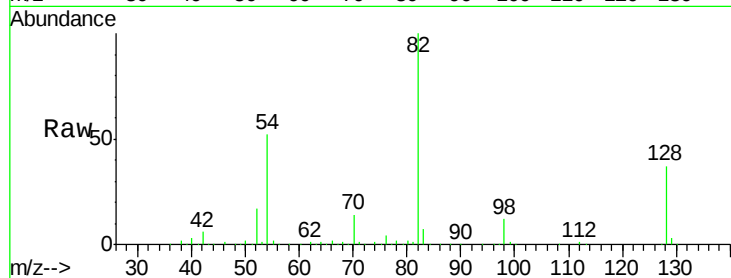




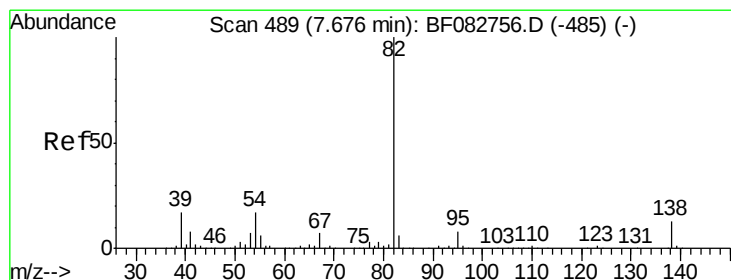
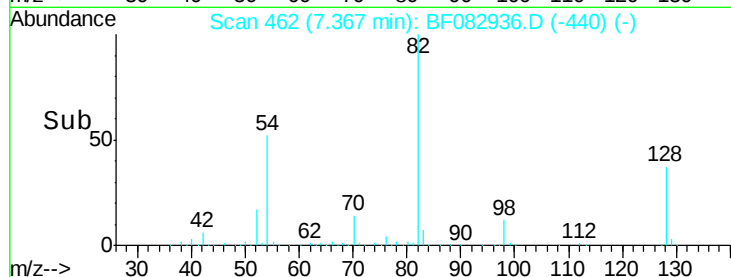
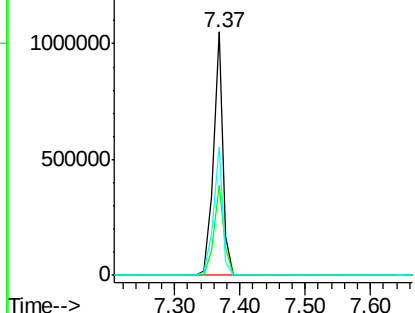
#23
 Nitrobenzene-d5
 Concen: 69.99 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.04 min
 Lab File: BF082936.D
 Acq: 14 Nov 2015 11:04

Instrument :
 BNA_F
 ClientSampleId :
 PB86619BL

Tgt Ion: 82 Resp: 1087394
 Ion Ratio Lower Upper
 82 100
 128 37.1 26.8 40.2
 54 52.5 45.7 68.5

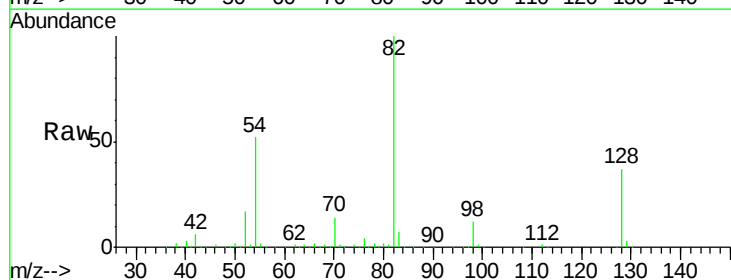


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

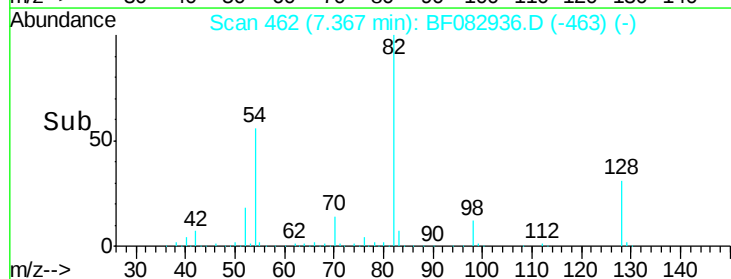
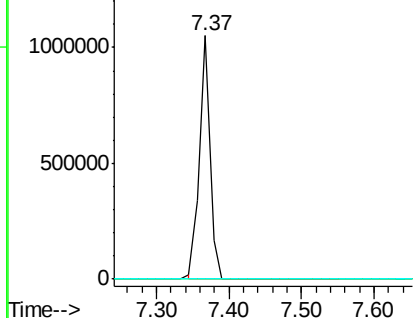


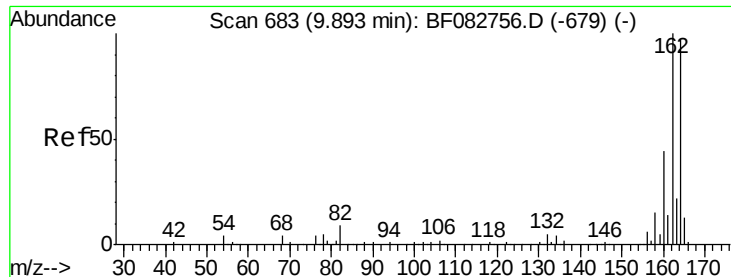
#25
 Isophorone
 Concen: 37.38 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.31 min
 Lab File: BF082936.D
 Acq: 14 Nov 2015 11:04

Tgt Ion: 82 Resp: 1074644
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 9.8#
 138 0.0 11.4 17.0#



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

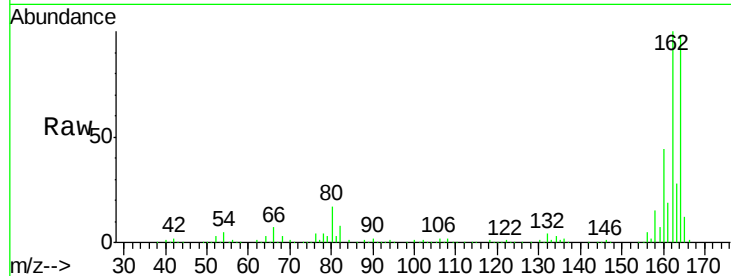




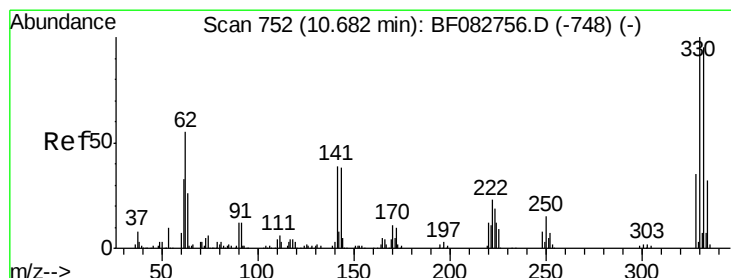
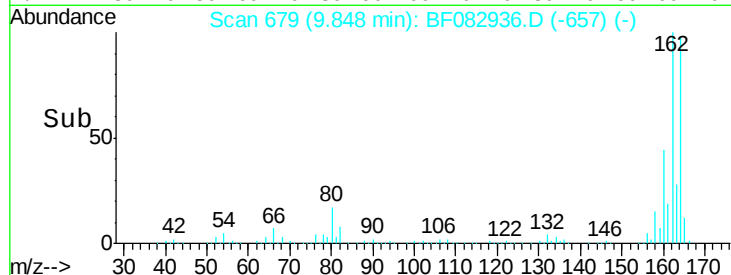
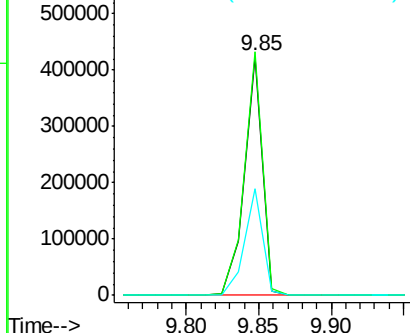
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.05 min
 Lab File: BF082936.D
 Acq: 14 Nov 2015 11:04

Instrument :
 BNA_F
 ClientSampleId :
 PB86619BL

Tgt Ion:164 Resp: 365698
 Ion Ratio Lower Upper
 164 100
 162 101.9 84.9 127.3
 160 44.5 37.5 56.3

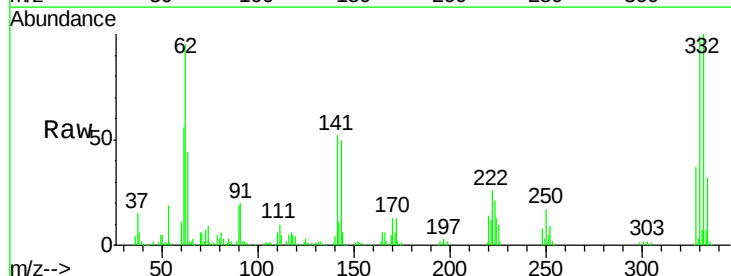


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

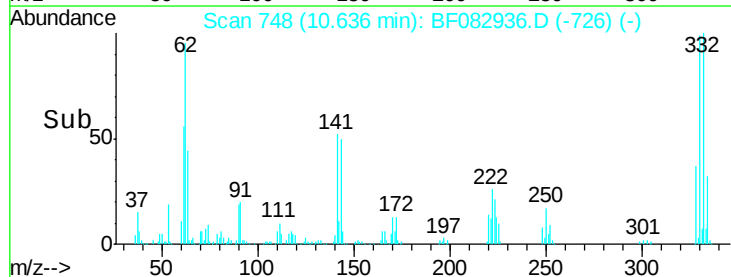
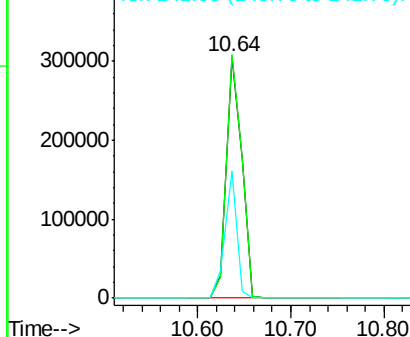


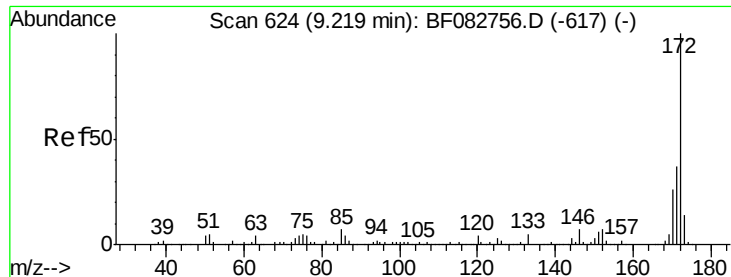
#41
 2,4,6-Tribromophenol
 Concen: 84.57 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.04 min
 Lab File: BF082936.D
 Acq: 14 Nov 2015 11:04

Tgt Ion:330 Resp: 354603
 Ion Ratio Lower Upper
 330 100
 332 100.2 76.6 114.8
 141 40.0 41.2 61.8#



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

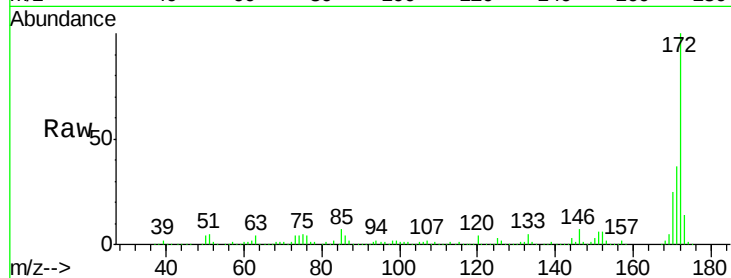




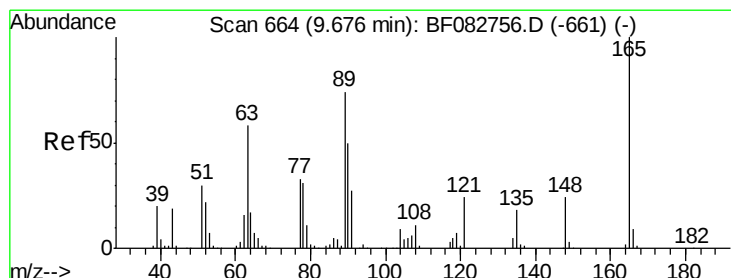
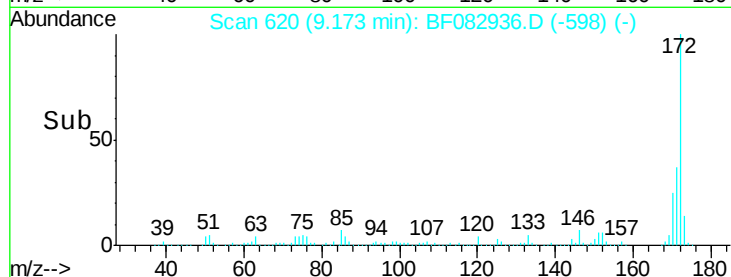
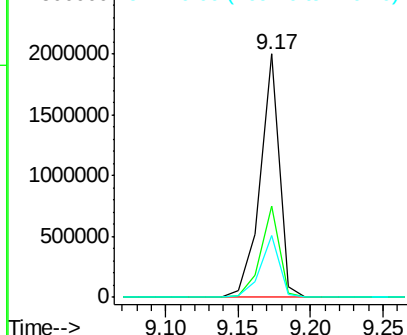
#44
 2-Fluorobiphenyl
 Concen: 71.52 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082936.D
 Acq: 14 Nov 2015 11:04

Instrument :
 BNA_F
 ClientSampleId :
 PB86619BL

Tgt Ion:172 Resp: 1824776
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.8 46.2
 170 25.4 21.2 31.8

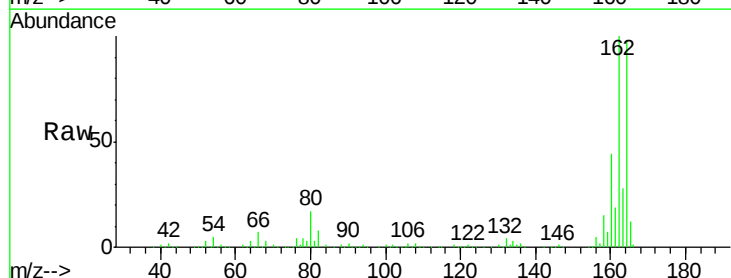


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

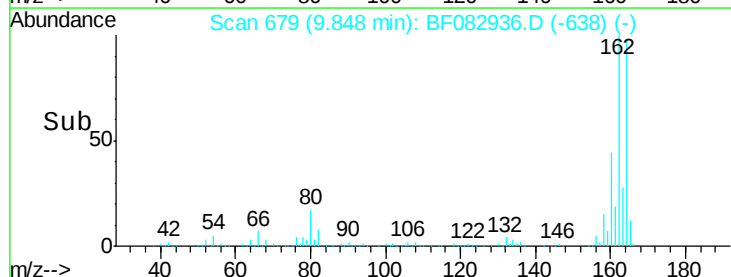
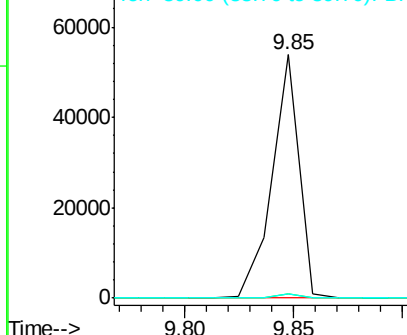


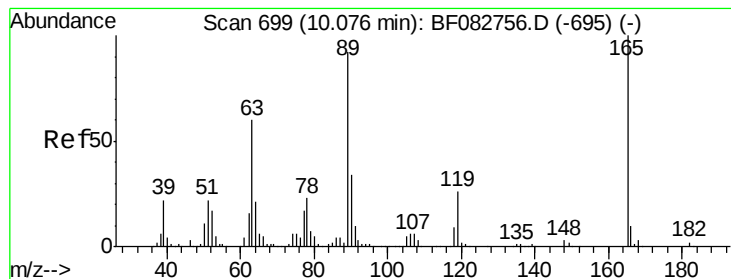
#50
 2,6-Dinitrotoluene
 Concen: 7.37 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.17 min
 Lab File: BF082936.D
 Acq: 14 Nov 2015 11:04

Tgt Ion:165 Resp: 47126
 Ion Ratio Lower Upper
 165 100
 63 1.6 55.5 83.3#
 89 1.6 55.0 82.6#



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: 5.43 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.23 min

Lab File: BF082936.D

Acq: 14 Nov 2015 11:04

Instrument :

BNA_F

ClientSampleId :

PB86619BL

Tgt Ion:165 Resp: 47127

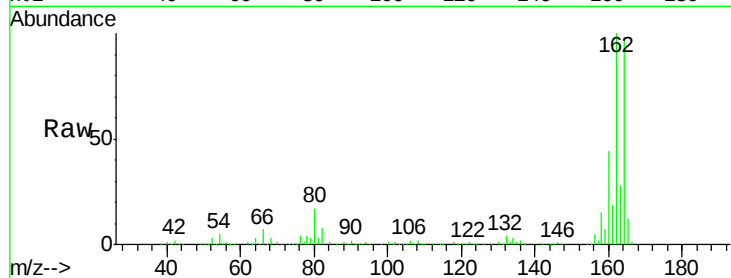
Ion Ratio Lower Upper

165 100

63 1.6 43.4 65.0#

89 1.6 70.6 106.0#

182 0.0 1.5 2.3#

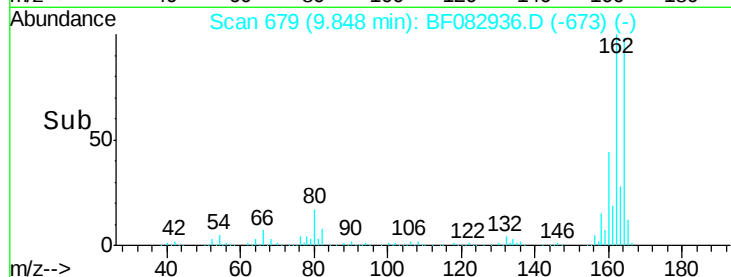


Abundance Ion 165.00 (164.70 to 165.70): E

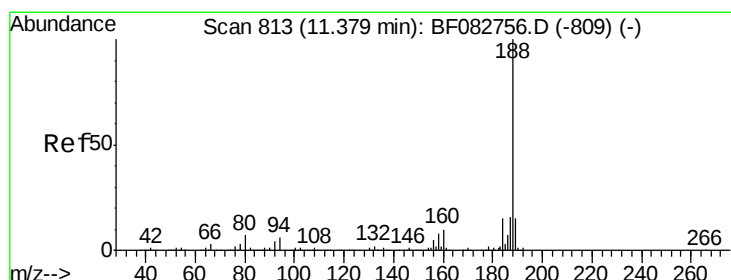
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.06 min

Lab File: BF082936.D

Acq: 14 Nov 2015 11:04

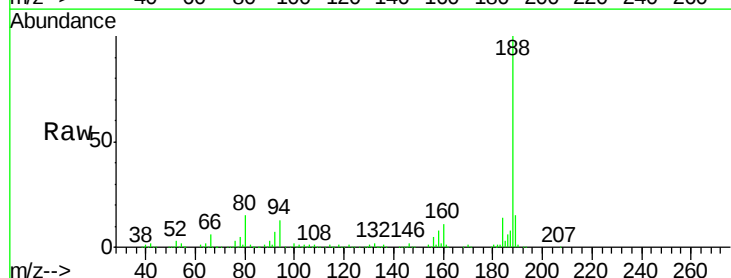
Tgt Ion:188 Resp: 583011

Ion Ratio Lower Upper

188 100

94 13.0 6.1 9.1#

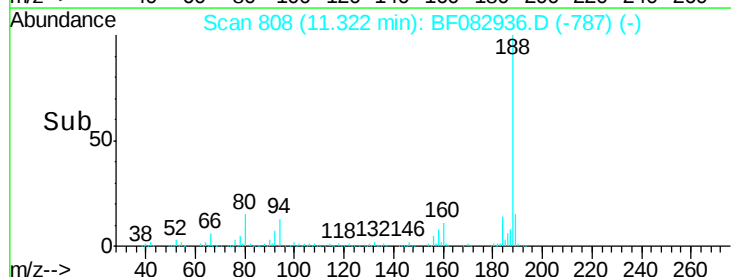
80 14.8 7.0 10.6#



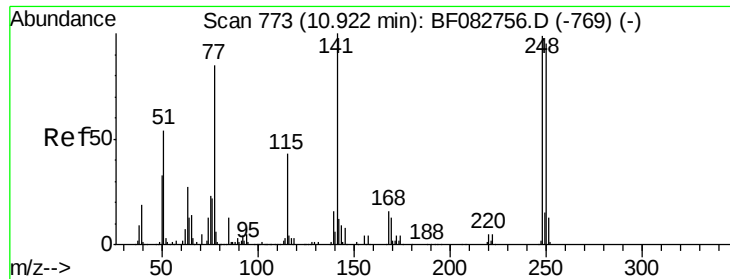
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#66

4-Bromophenyl-phenylether

Concen: 3.37 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.29 min

Lab File: BF082936.D

Acq: 14 Nov 2015 11:04

Instrument :

BNA_F

ClientSampleId :

PB86619BL

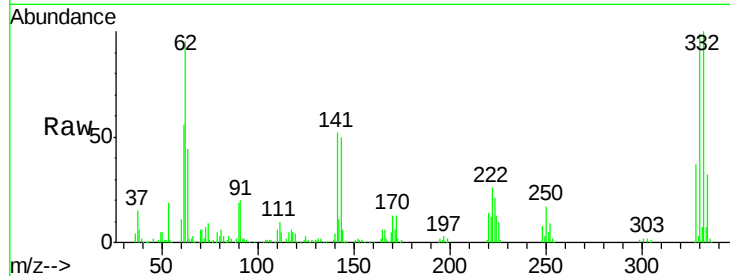
Tgt Ion:248 Resp: 23646

Ion Ratio Lower Upper

248 100

250 210.2 79.4 119.2#

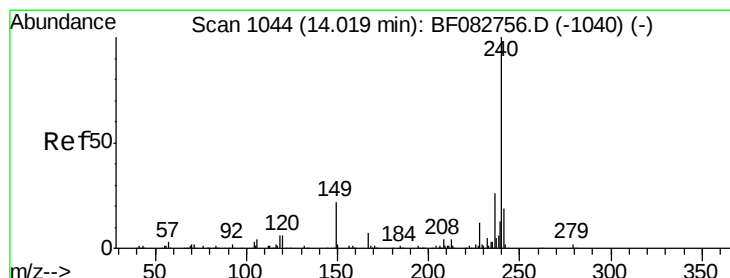
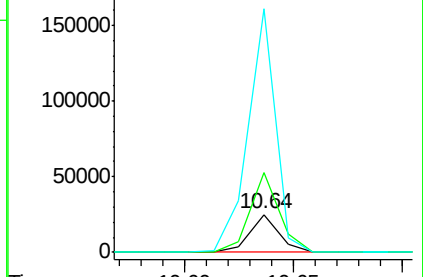
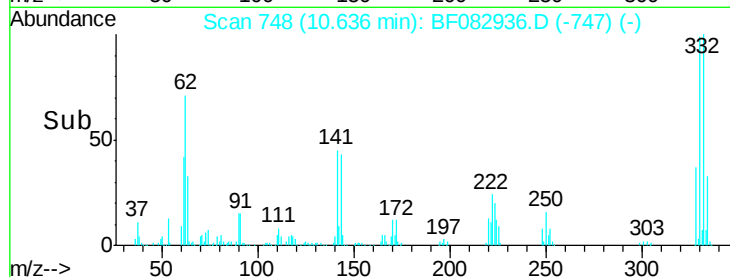
141 640.8 36.3 54.5#



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: 13.96 min Scan# 1039

Delta R.T. -0.06 min

Lab File: BF082936.D

Acq: 14 Nov 2015 11:04

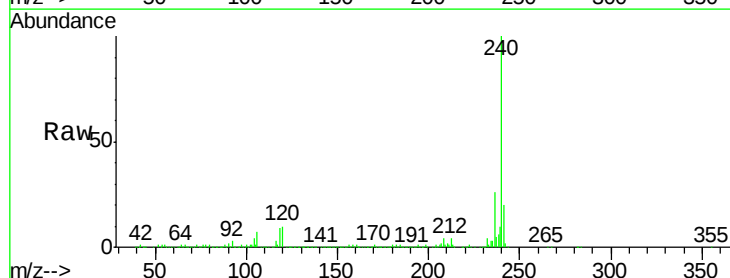
Tgt Ion:240 Resp: 399952

Ion Ratio Lower Upper

240 100

120 9.7 10.9 16.3#

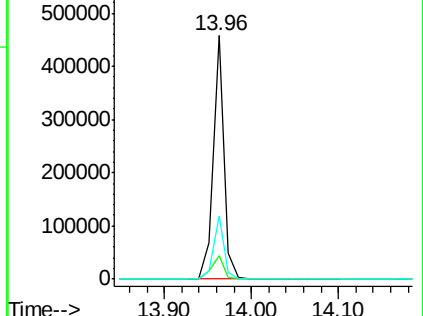
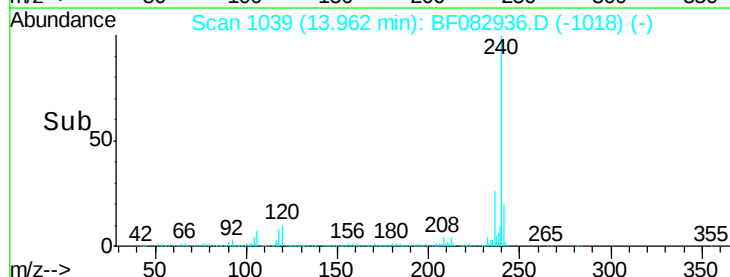
236 25.7 21.6 32.4

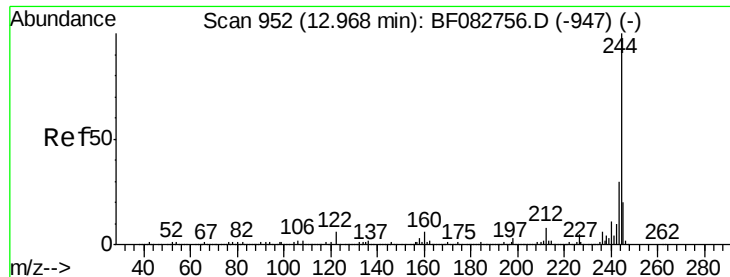


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.33 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.04 min

Lab File: BF082936.D

Acq: 14 Nov 2015 11:04

Instrument :

BNA_F

ClientSampleId :

PB86619BL

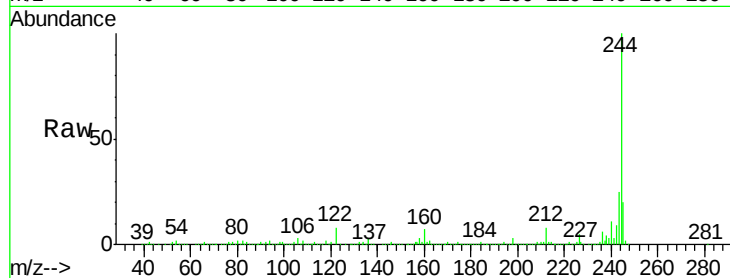
Tgt Ion:244 Resp: 1641244

Ion Ratio Lower Upper

244 100

212 7.9 7.6 11.4

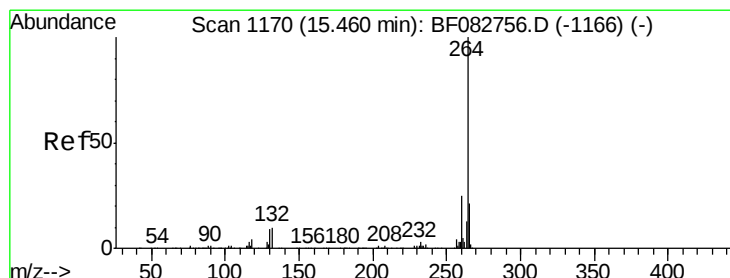
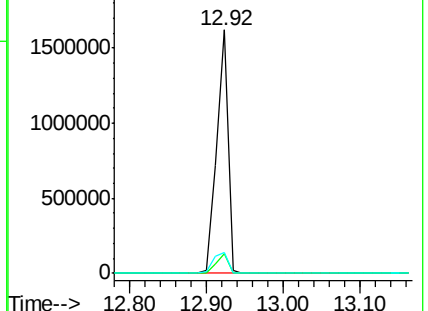
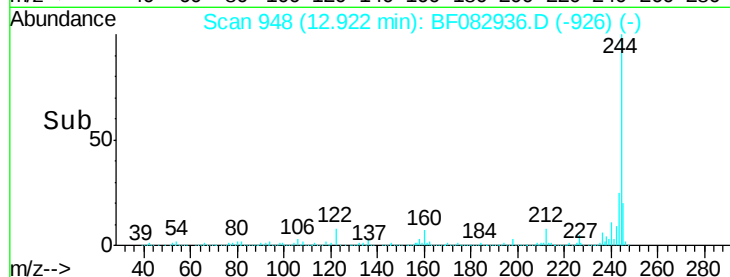
122 8.4 11.3 16.9#



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: 15.38 min Scan# 1163

Delta R.T. -0.08 min

Lab File: BF082936.D

Acq: 14 Nov 2015 11:04

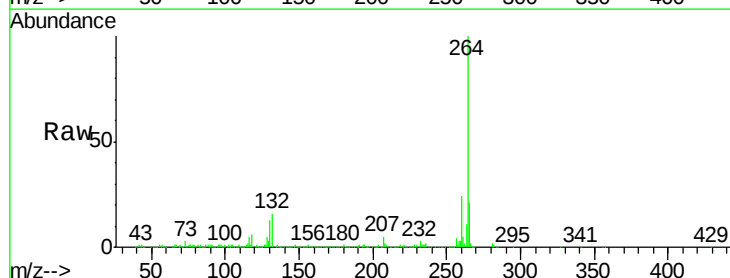
Tgt Ion:264 Resp: 385422

Ion Ratio Lower Upper

264 100

260 23.6 19.8 29.6

265 21.3 17.4 26.0



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

