

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082835.D
 Acq On : 9 Nov 2015 17:58
 Operator : UM/IZ
 Sample : PB86527BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86527BL

Quant Time: Nov 10 02:51:48 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

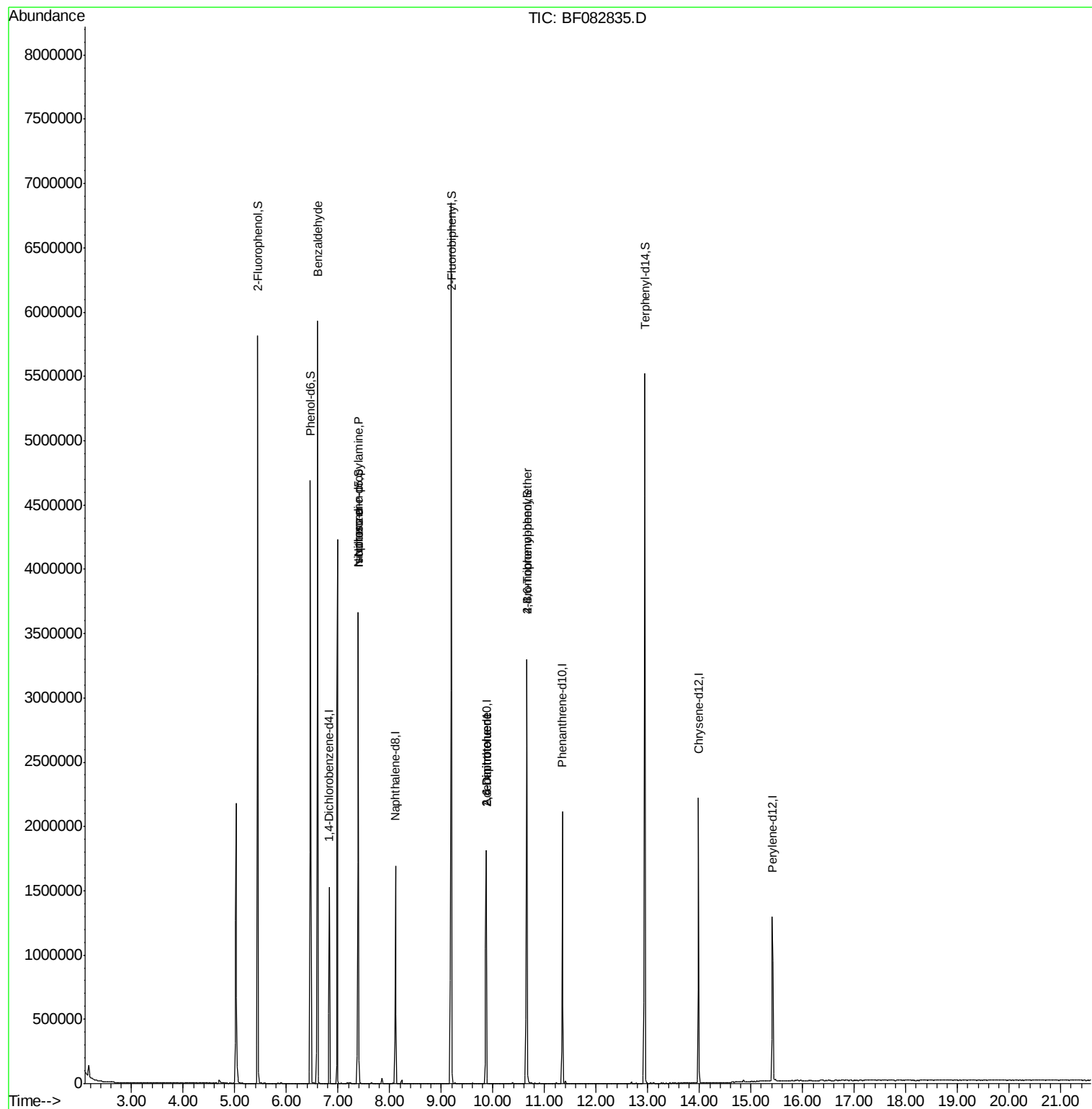
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	236461	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	837206	20.00	ng	-0.03
38) Acenaphthene-d10	9.87	164	455505	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	811366	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	800372	20.00	ng	-0.03
86) Perylene-d12	15.41	264	701664	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1703282	112.08	ng	0.00
7) Phenol-d6	6.46	99	2058183	101.87	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1396195	72.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	567099	108.58	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	2391018	75.23	ng	-0.02
78) Terphenyl-d14	12.95	244	2455635	72.77	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.60	77	47821	4.28	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.39	70	191175	12.87	ng	# 70
25) Isophorone	7.39	82	1346122	37.81	ng	# 69
50) 2,6-Dinitrotoluene	9.87	165	57331	7.20	ng	# 17
56) 2,4-Dinitrotoluene	9.87	165	57335	5.31	ng	# 15
66) 4-Bromophenyl-phenylether	10.66	248	39239	4.02	ng	# 1

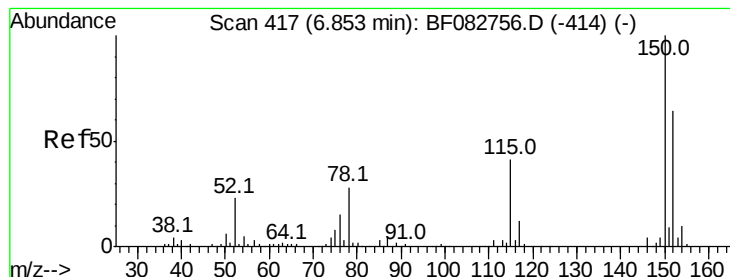
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082835.D
Acq On : 9 Nov 2015 17:58
Operator : UM/IZ
Sample : PB86527BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86527BL

Quant Time: Nov 10 02:51:48 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: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF082835.D

Acq: 9 Nov 2015 17:58

Instrument :

BNA_F

ClientSampleId :

PB86527BL

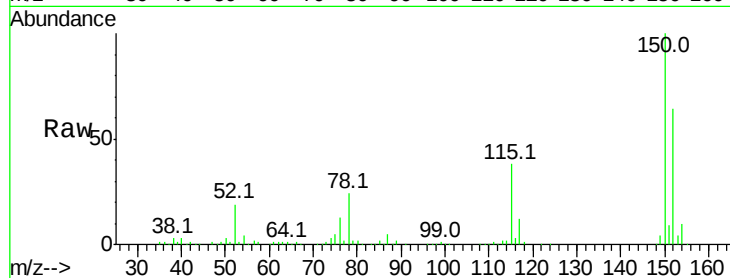
Tot Ion:152 Resp: 236461

Ion Ratio Lower Upper

152 100

150 156.4 127.0 190.4

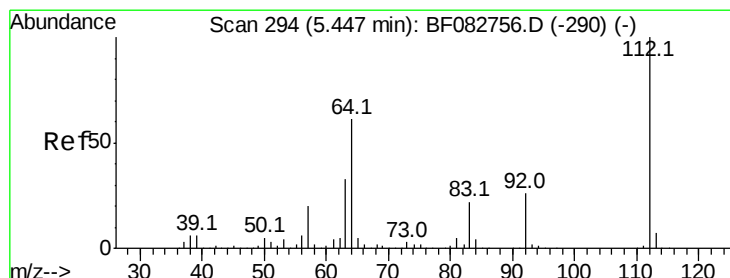
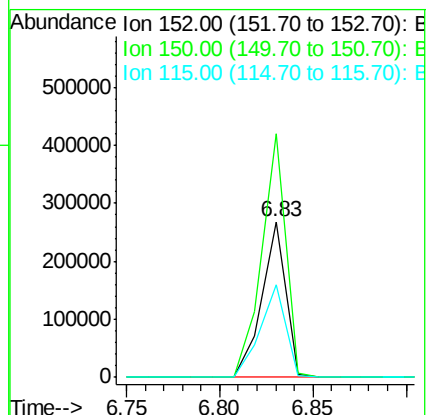
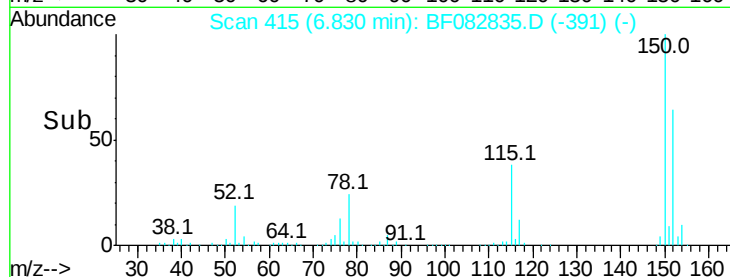
115 59.7 47.0 70.6



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: 112.08 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082835.D

Acq: 9 Nov 2015 17:58

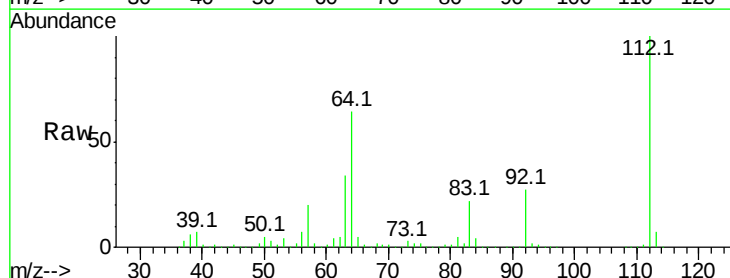
Tgt Ion:112 Resp: 1703282

Ion Ratio Lower Upper

112 100

64 64.2 48.9 73.3

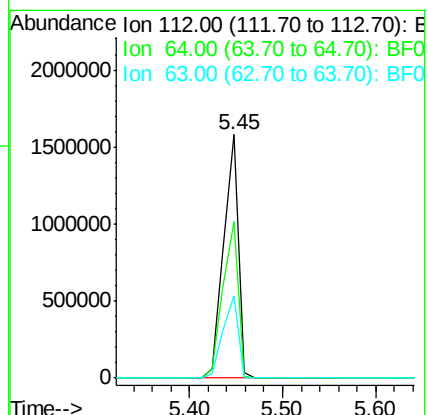
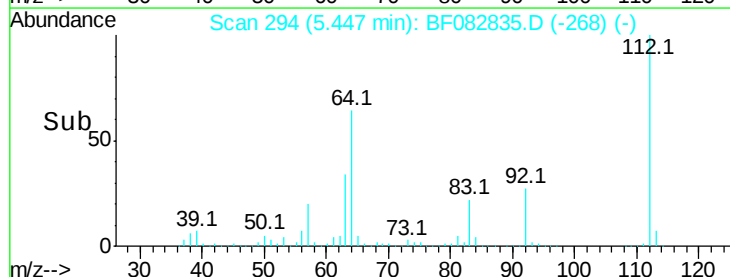
63 33.6 28.1 42.1

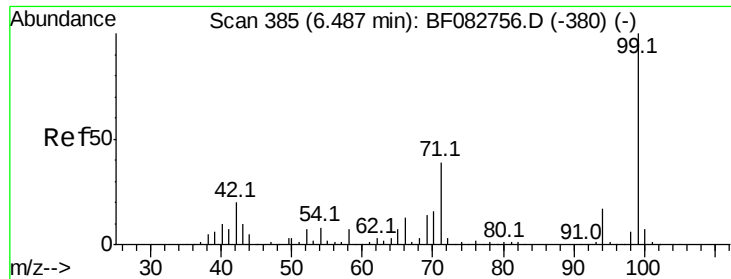


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.87 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082835.D

Acq: 9 Nov 2015 17:58

Instrument :

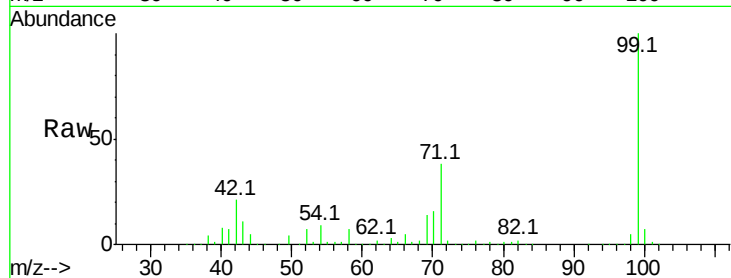
BNA_F

ClientSampleId :

PB86527BL

Tot Ion: 99 Resp: 2058183

Ion	Ratio	Lower	Upper
99	100		
42	20.9	19.2	28.8
71	38.3	35.0	52.4

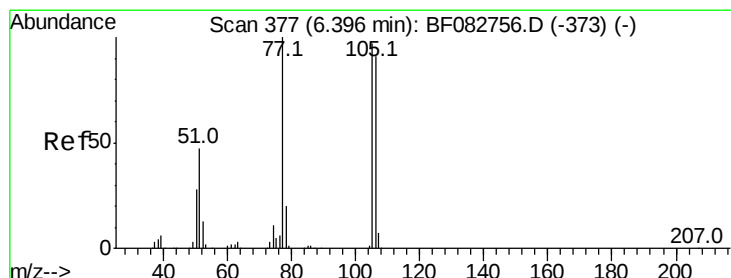
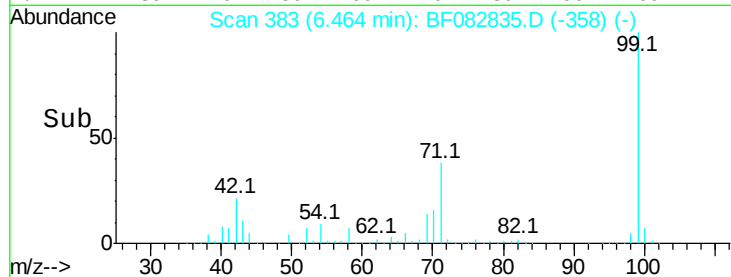


Abundance

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: 4.28 ng

RT: 6.60 min Scan# 395

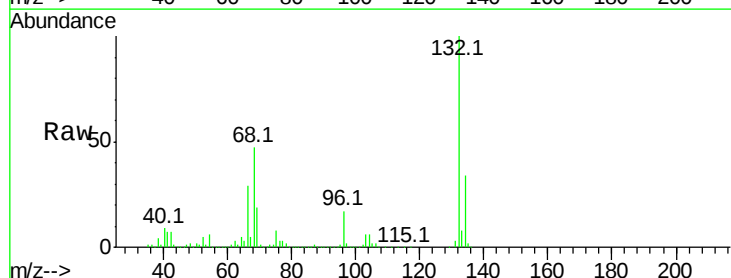
Delta R.T. 0.21 min

Lab File: BF082835.D

Acq: 9 Nov 2015 17:58

Tgt Ion: 77 Resp: 47821

Ion	Ratio	Lower	Upper
77	100		
105	72.8	63.5	103.5
106	68.0	59.3	99.3

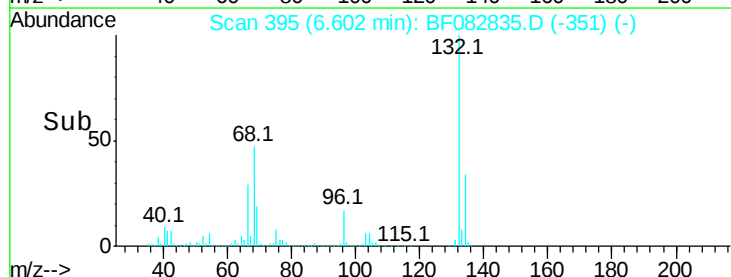


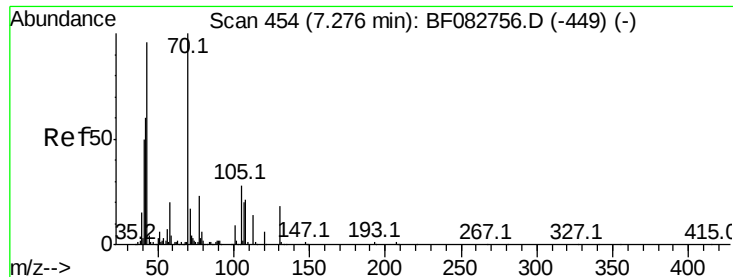
Abundance

Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 12.87 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.13 min

Lab File: BF082835.D

Acq: 9 Nov 2015 17:58

Instrument :

BNA_F

ClientSampled :

PB86527BL

Tot Ion: 70 Resp: 191175

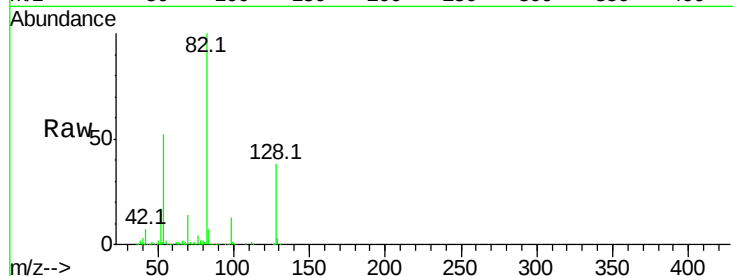
Ion Ratio Lower Upper

70 100

42 47.0 57.7 86.5#

101 0.0 7.0 10.6#

130 1.7 11.8 17.6#

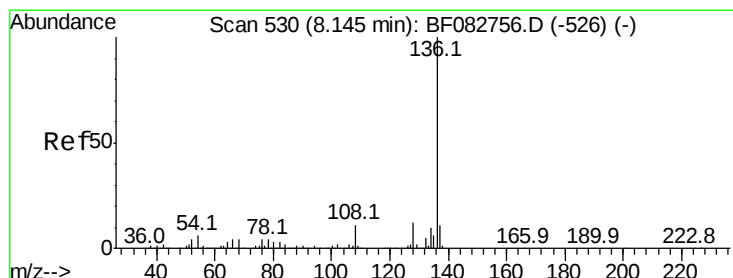
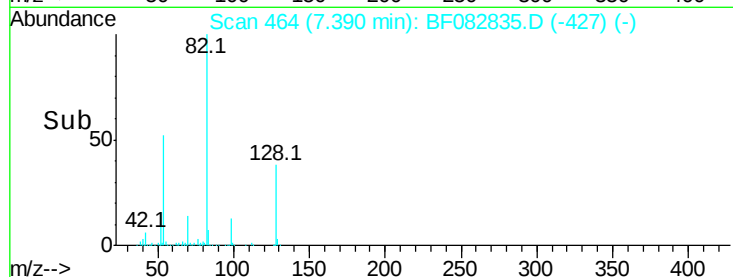
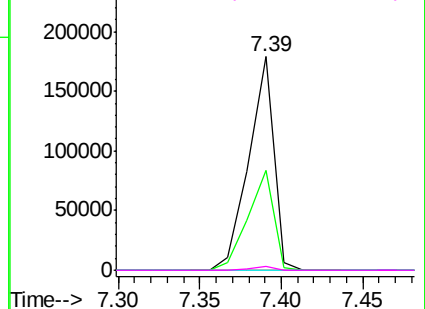


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.11 min Scan# 527

Delta R.T. -0.03 min

Lab File: BF082835.D

Acq: 9 Nov 2015 17:58

Tgt Ion:136 Resp: 837206

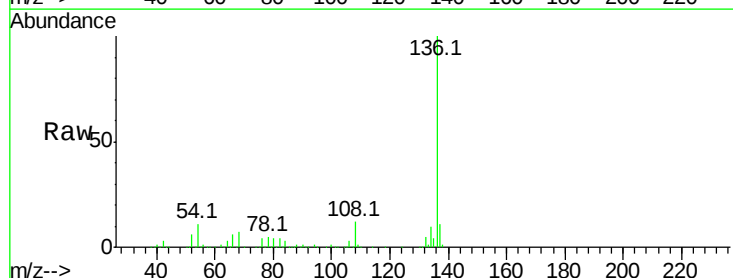
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 10.6 9.1 13.7

68 6.9 4.8 7.2

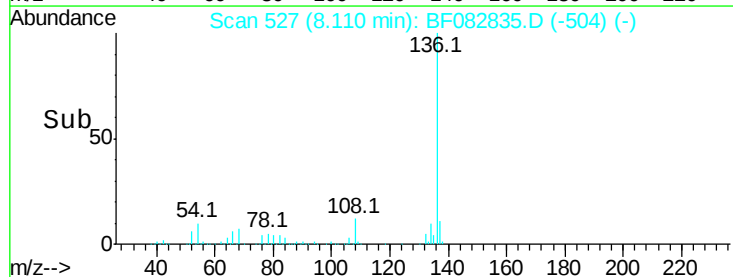
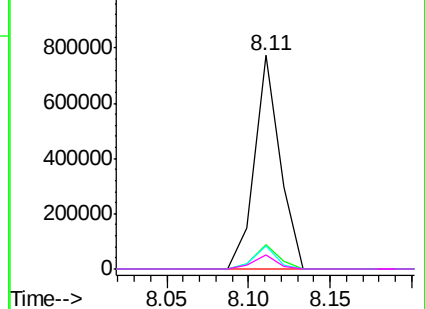


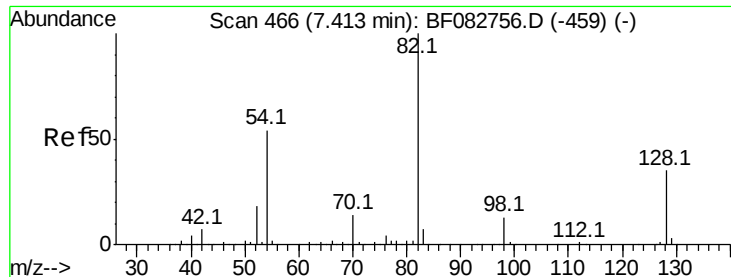
Abundance Ion 136.00 (135.70 to 136.70): E

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

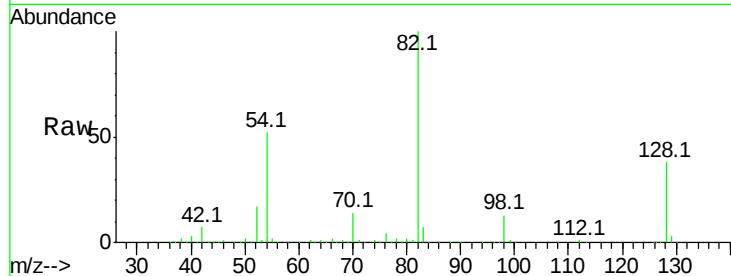




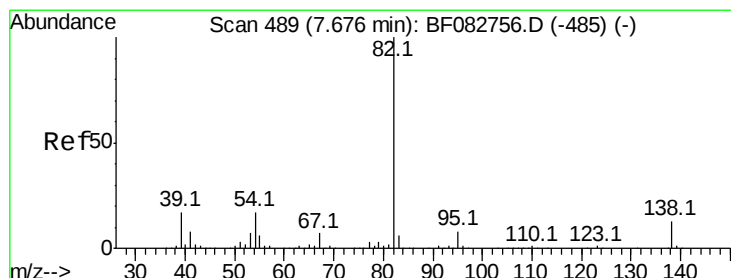
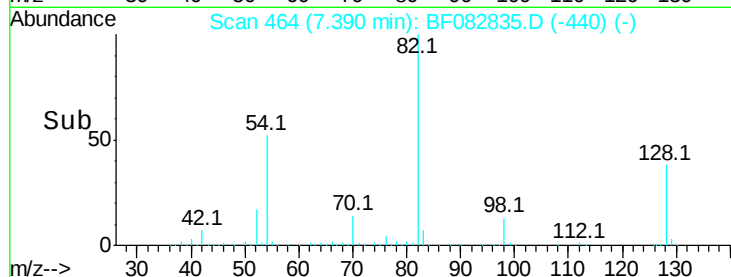
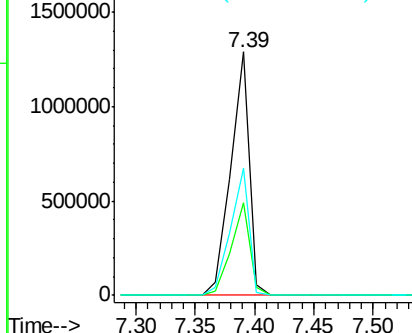
#23
 Nitrobenzene-d5
 Concen: 72.56 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.02 min
 Lab File: BF082835.D
 Acq: 9 Nov 2015 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB86527BL

Tot Ion: 82 Resp: 1396195
 Ion Ratio Lower Upper
 82 100
 128 38.1 26.8 40.2
 54 52.2 45.7 68.5

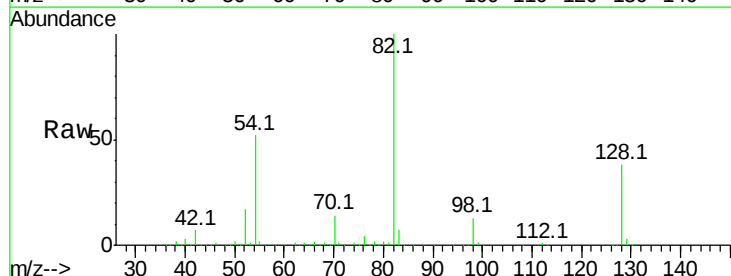


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

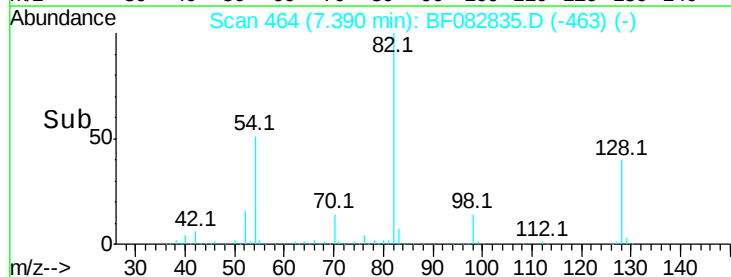
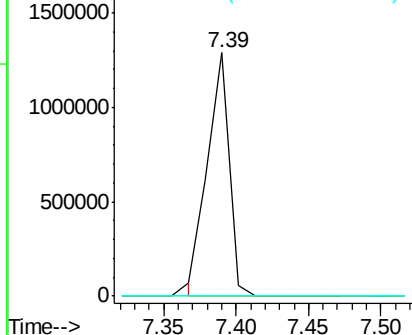


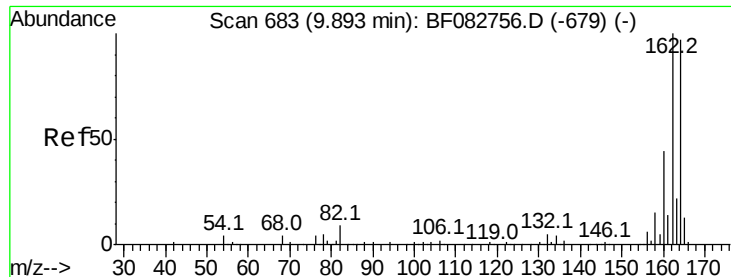
#25
 Isophorone
 Concen: 37.81 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.29 min
 Lab File: BF082835.D
 Acq: 9 Nov 2015 17:58

Tgt Ion: 82 Resp: 1346122
 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: 9.87 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF082835.D

Acq: 9 Nov 2015 17:58

Instrument :

BNA_F

ClientSampleId :

PB86527BL

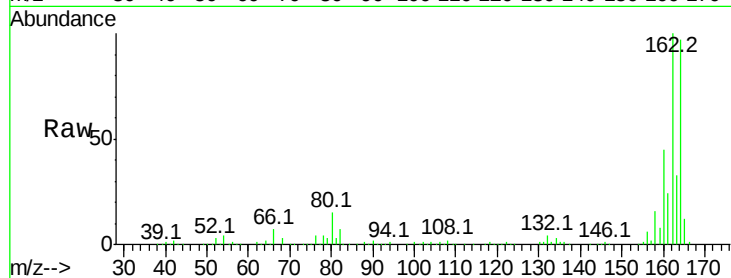
Tot Ion:164 Resp: 455505

Ion Ratio Lower Upper

164 100

162 102.7 84.9 127.3

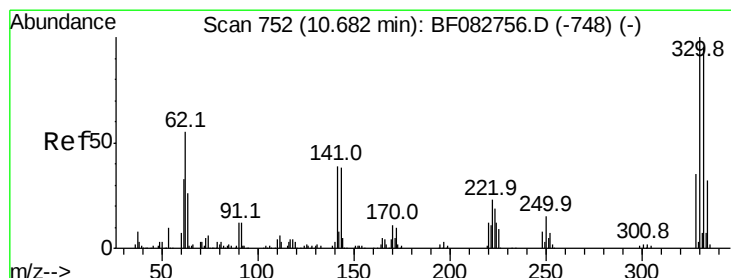
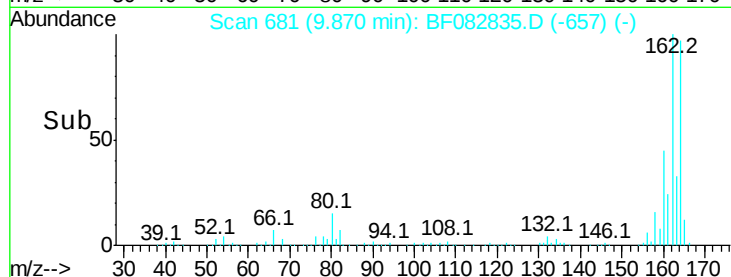
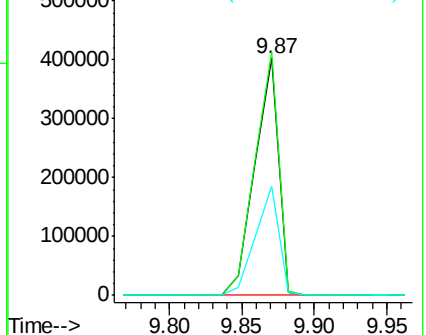
160 46.1 37.5 56.3



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: 108.58 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF082835.D

Acq: 9 Nov 2015 17:58

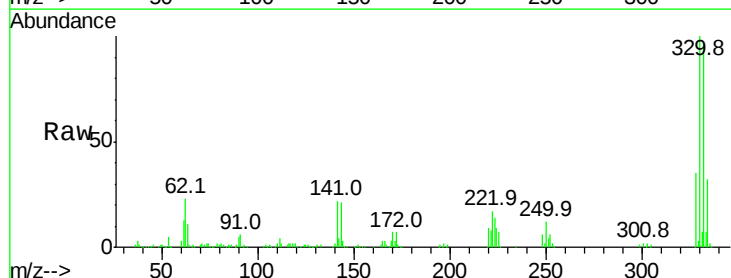
Tgt Ion:330 Resp: 567099

Ion Ratio Lower Upper

330 100

332 96.5 76.6 114.8

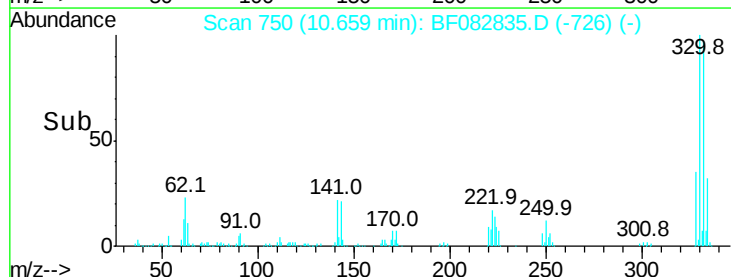
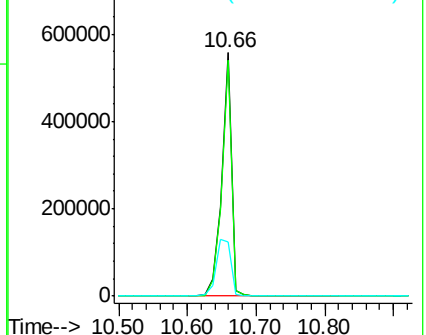
141 34.6 41.2 61.8#

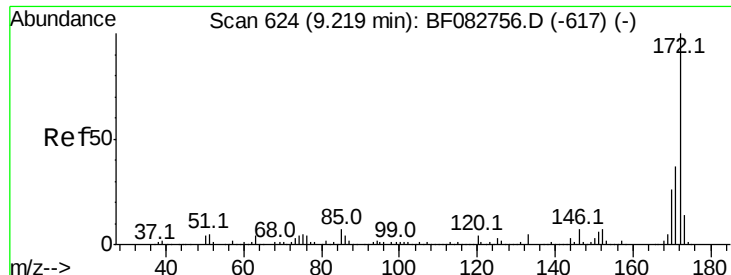


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

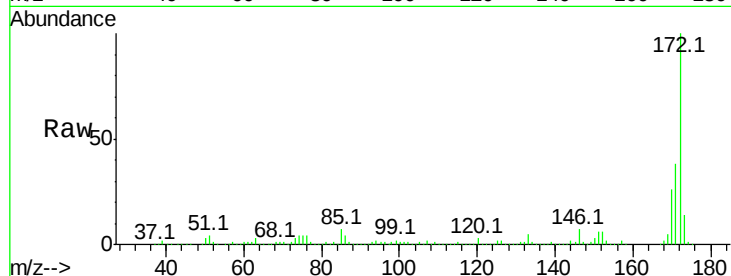




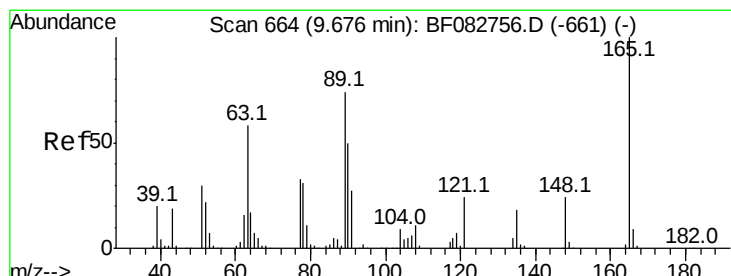
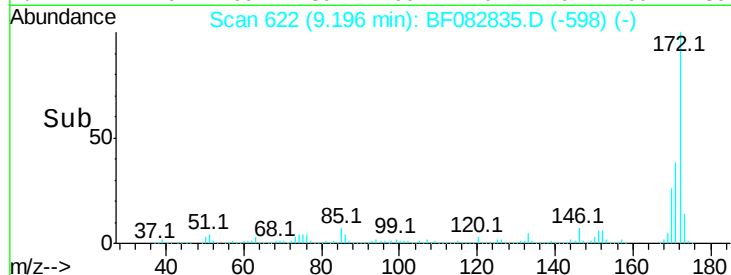
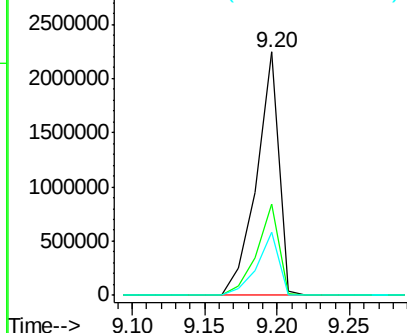
#44
 2-Fluorobiphenyl
 Concen: 75.23 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF082835.D
 Acq: 9 Nov 2015 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB86527BL

Tot Ion:172 Resp: 2391018
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.8 46.2
 170 25.8 21.2 31.8

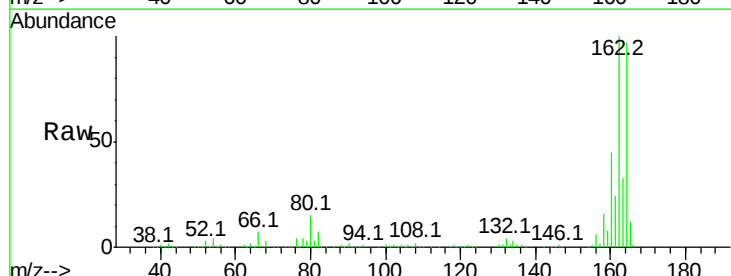


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

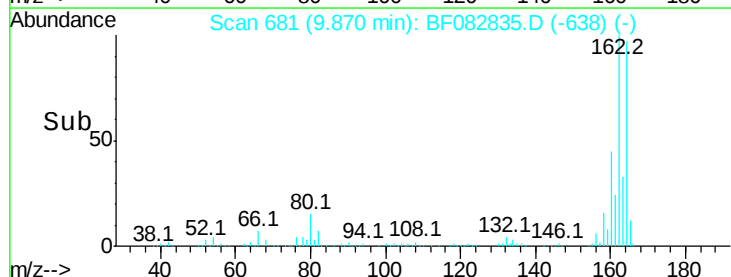
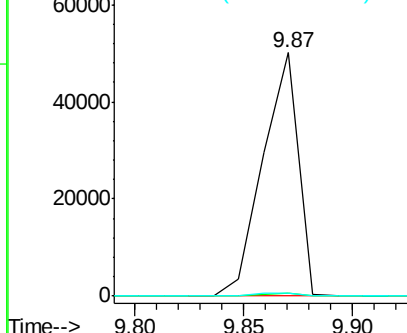


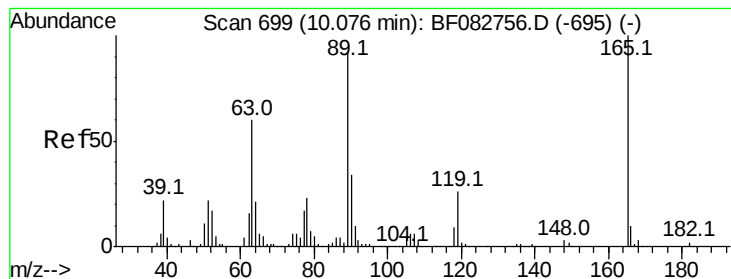
#50
 2,6-Dinitrotoluene
 Concen: 7.20 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.19 min
 Lab File: BF082835.D
 Acq: 9 Nov 2015 17:58

Tgt Ion:165 Resp: 57331
 Ion Ratio Lower Upper
 165 100
 63 1.1 55.5 83.3#
 89 1.3 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: 5.31 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.21 min

Lab File: BF082835.D

Acq: 9 Nov 2015 17:58

Instrument :

BNA_F

ClientSampleId :

PB86527BL

Tot Ion:165 Resp: 57335

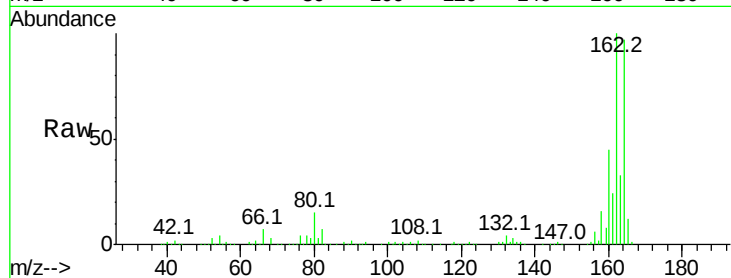
Ion Ratio Lower Upper

165 100

63 1.1 43.4 65.0#

89 1.3 70.6 106.0#

182 0.0 1.5 2.3#

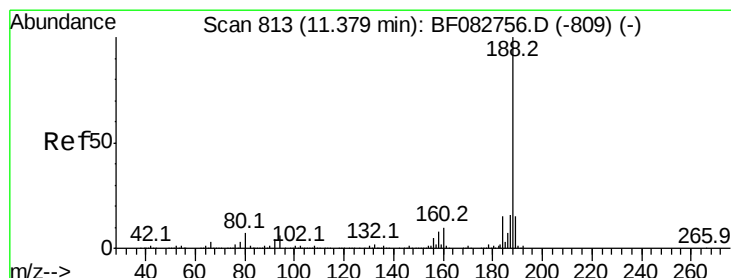
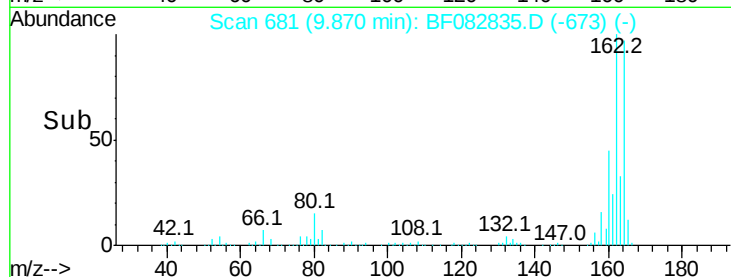
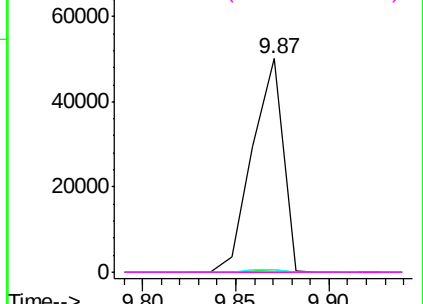


Abundance Ion 165.00 (164.70 to 165.70): E

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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.03 min

Lab File: BF082835.D

Acq: 9 Nov 2015 17:58

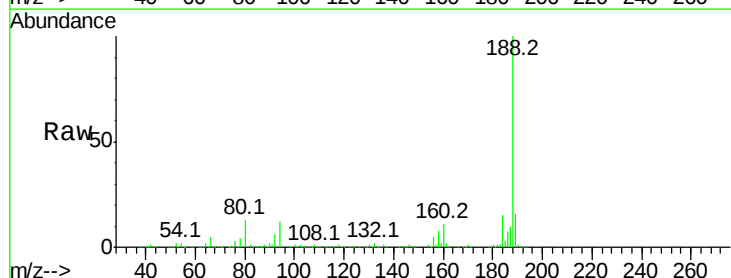
Tgt Ion:188 Resp: 811366

Ion Ratio Lower Upper

188 100

94 11.6 6.1 9.1#

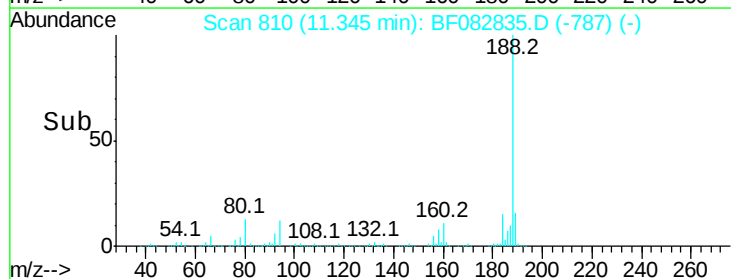
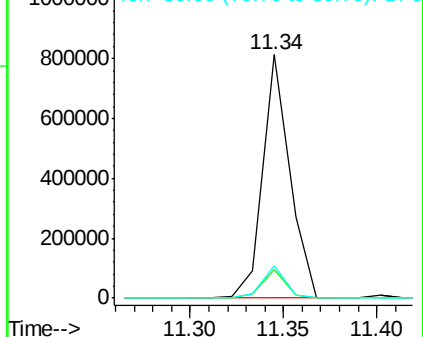
80 13.1 7.0 10.6#

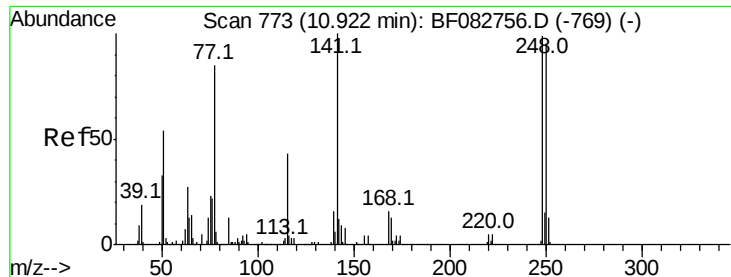


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.02 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.26 min

Lab File: BF082835.D

Acq: 9 Nov 2015 17:58

Instrument :

BNA_F

ClientSampleId :

PB86527BL

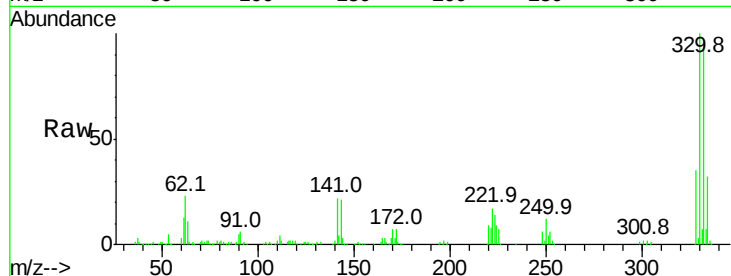
Tot Ion:248 Resp: 39239

Ion Ratio Lower Upper

248 100

250 197.3 79.4 119.2#

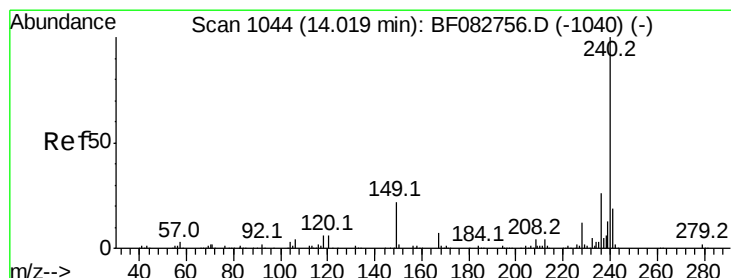
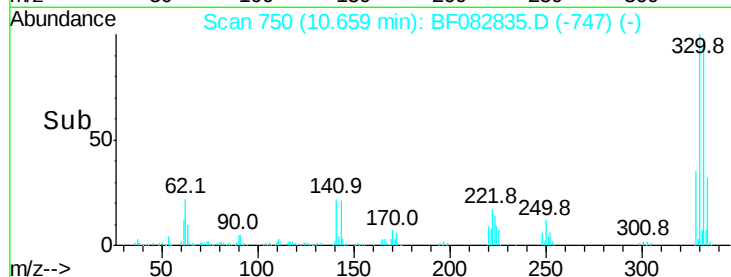
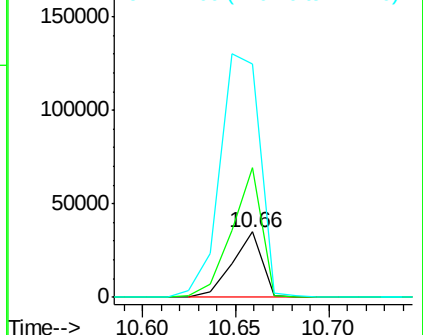
141 355.7 36.3 54.5#



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: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF082835.D

Acq: 9 Nov 2015 17:58

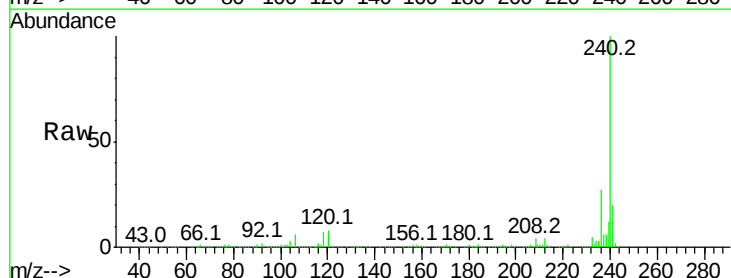
Tgt Ion:240 Resp: 800372

Ion Ratio Lower Upper

240 100

120 8.4 10.9 16.3#

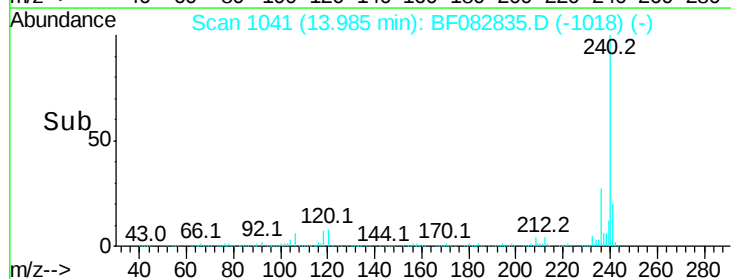
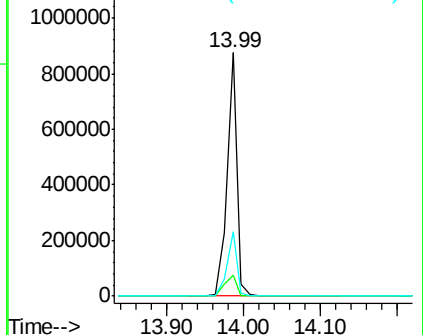
236 26.5 21.6 32.4

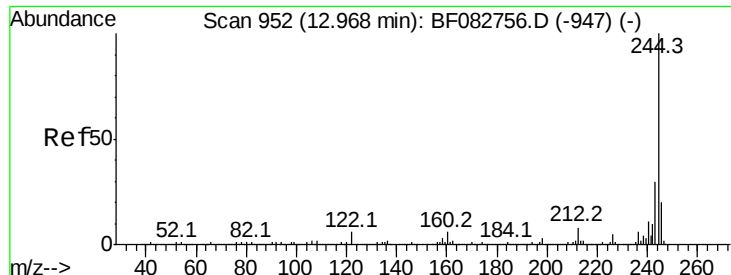


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.77 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF082835.D

Acq: 9 Nov 2015 17:58

Instrument :

BNA_F

ClientSampleId :

PB86527BL

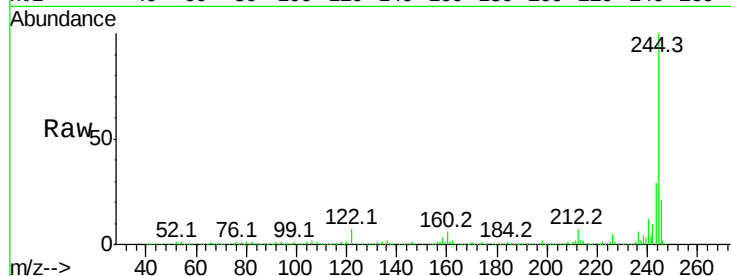
Tot Ion:244 Resp: 2455635

Ion Ratio Lower Upper

244 100

212 7.4 7.6 11.4#

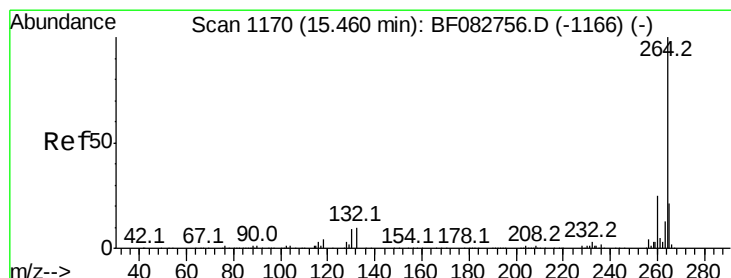
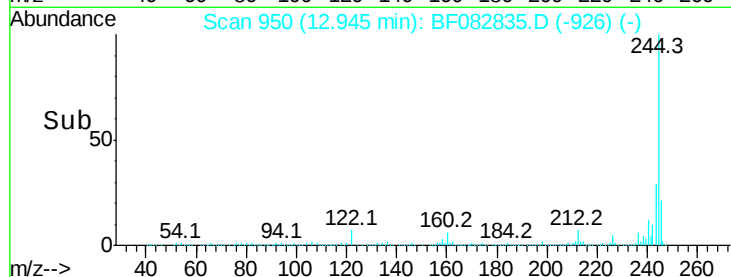
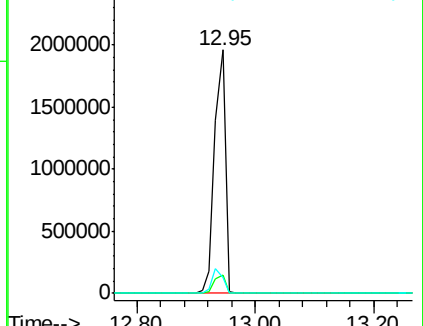
122 6.6 11.3 16.9#



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: 15.41 min Scan# 1166

Delta R.T. -0.05 min

Lab File: BF082835.D

Acq: 9 Nov 2015 17:58

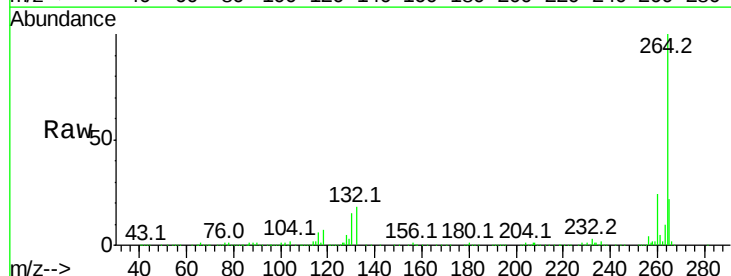
Tgt Ion:264 Resp: 701664

Ion Ratio Lower Upper

264 100

260 24.0 19.8 29.6

265 21.6 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

