

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082834.D
 Acq On : 9 Nov 2015 17:28
 Operator : UM/IZ
 Sample : PB86498BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86498BL

Quant Time: Nov 10 02:51:38 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

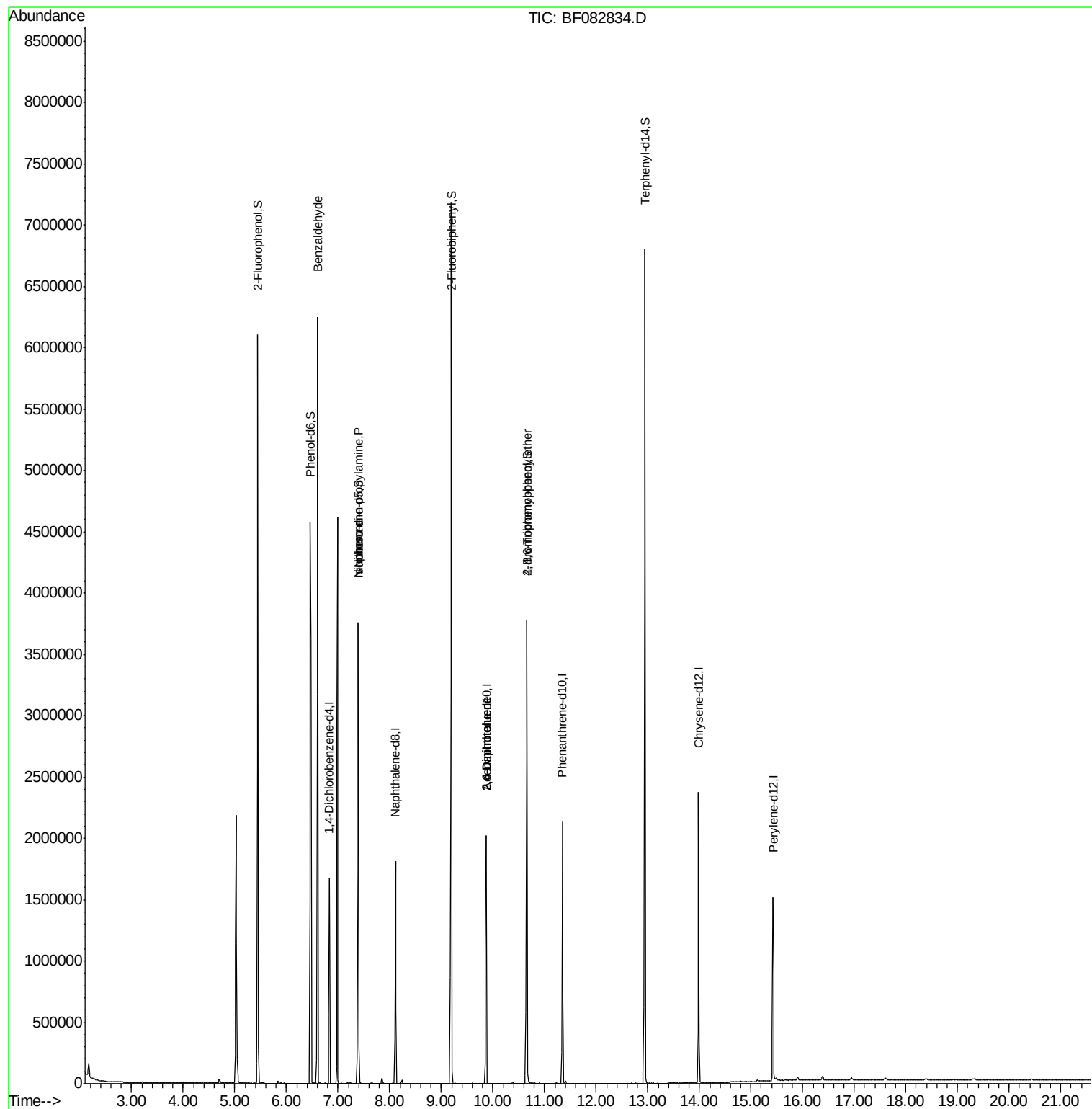
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	253678	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	902733	20.00	ng	-0.03
38) Acenaphthene-d10	9.87	164	493751	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	874028	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	800873	20.00	ng	-0.03
86) Perylene-d12	15.43	264	750966	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1626834	99.78	ng	0.00
7) Phenol-d6	6.46	99	2428797	112.06	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1441582	69.49	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	595475	105.18	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	2492869	72.36	ng	-0.02
78) Terphenyl-d14	12.94	244	2622639	77.67	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.60	77	49504	4.13	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.39	70	199316	12.51	ng	# 71
25) Isophorone	7.39	82	1395768	36.36	ng	# 69
50) 2,6-Dinitrotoluene	9.87	165	63848	7.40	ng	# 17
56) 2,4-Dinitrotoluene	9.87	165	63852	5.45	ng	# 15
66) 4-Bromophenyl-phenylether	10.66	248	43356	4.12	ng	# 1

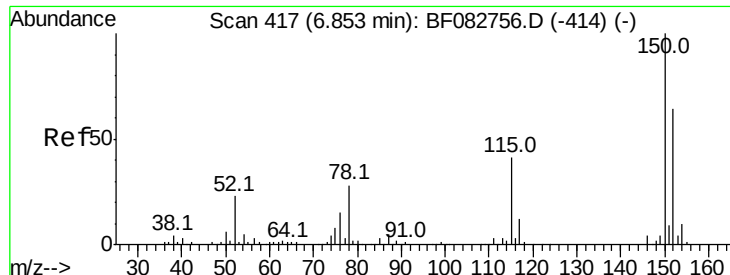
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082834.D
Acq On : 9 Nov 2015 17:28
Operator : UM/IZ
Sample : PB86498BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86498BL

Quant Time: Nov 10 02:51:38 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: BF082834.D

Acq: 9 Nov 2015 17:28

Instrument :

BNA_F

ClientSampleId :

PB86498BL

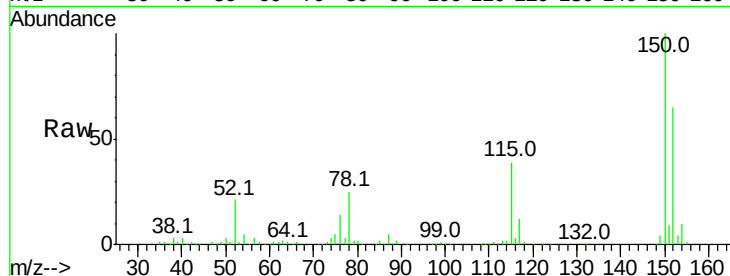
Tot Ion:152 Resp: 253678

Ion Ratio Lower Upper

152 100

150 154.4 127.0 190.4

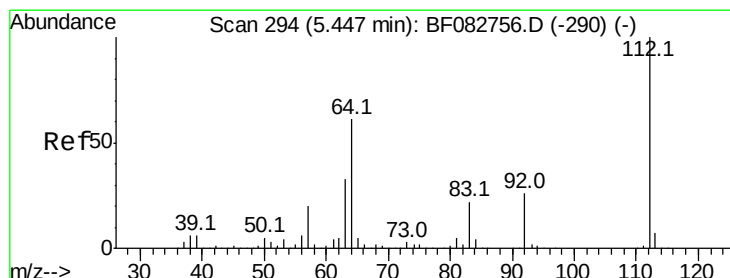
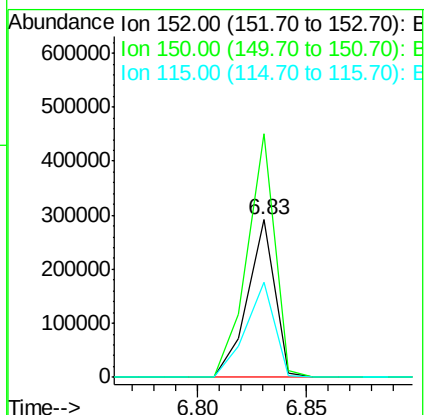
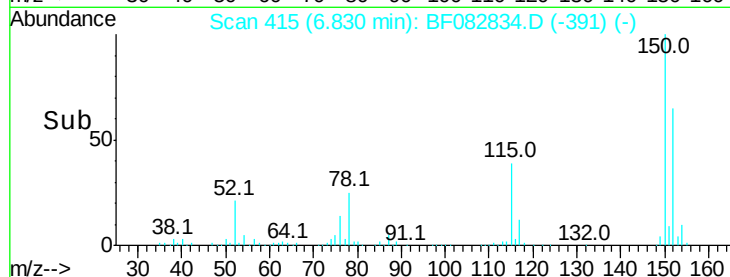
115 60.5 47.0 70.6



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: 99.78 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082834.D

Acq: 9 Nov 2015 17:28

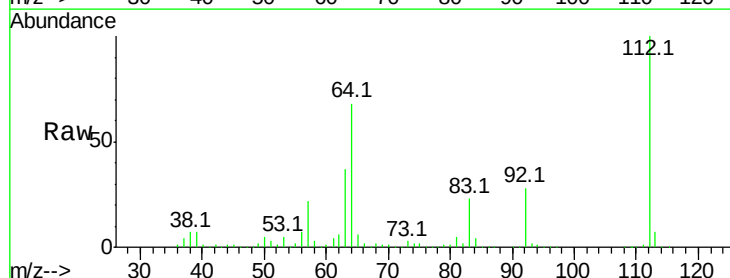
Tgt Ion:112 Resp: 1626834

Ion Ratio Lower Upper

112 100

64 68.5 48.9 73.3

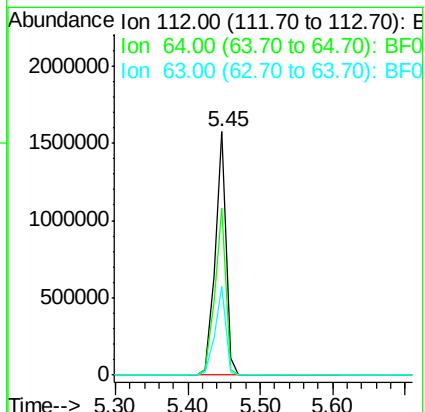
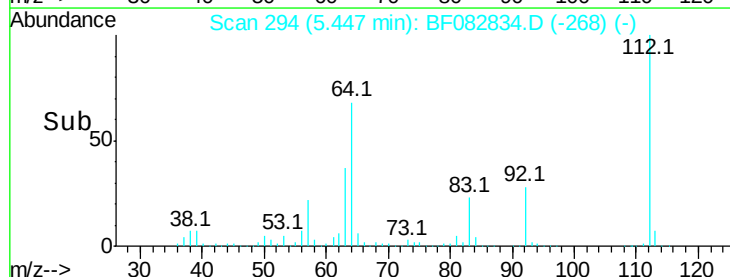
63 36.6 28.1 42.1

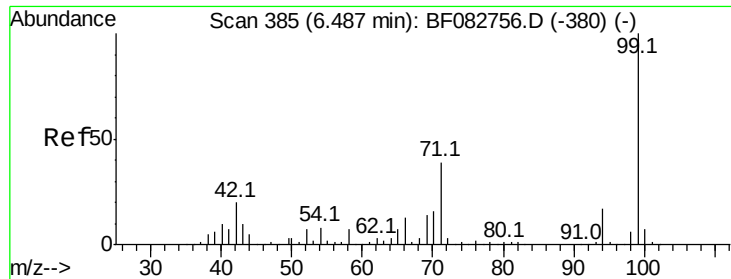


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.06 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082834.D

Acq: 9 Nov 2015 17:28

Instrument :

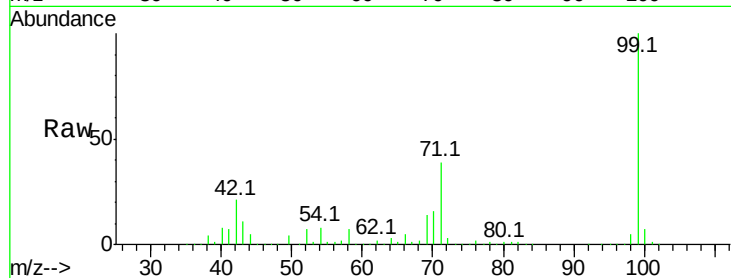
BNA_F

ClientSampleId :

PB86498BL

Tot Ion: 99 Resp: 2428797

Ion	Ratio	Lower	Upper
99	100		
42	20.9	19.2	28.8
71	39.0	35.0	52.4

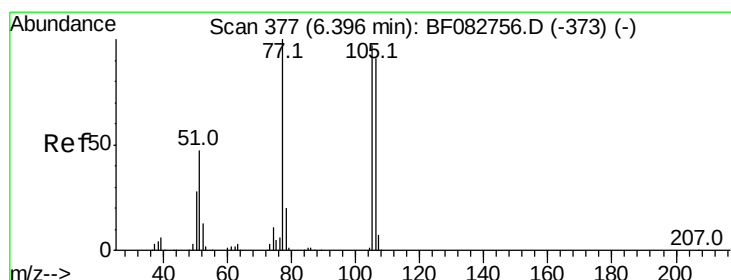
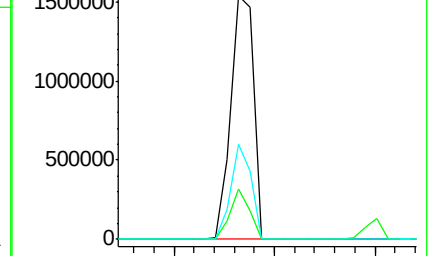
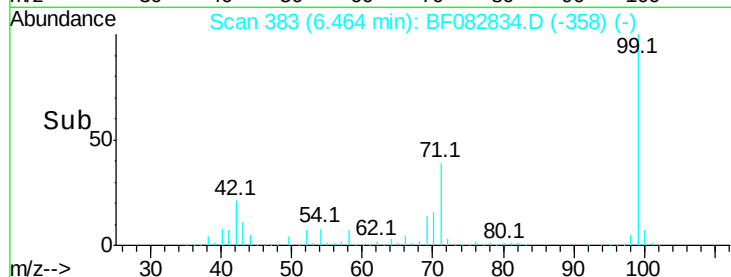


Abundance

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: 4.13 ng

RT: 6.60 min Scan# 395

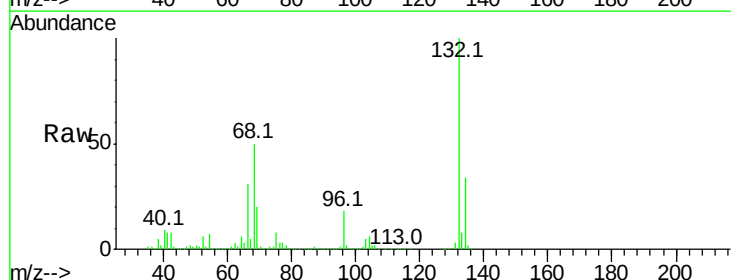
Delta R.T. 0.21 min

Lab File: BF082834.D

Acq: 9 Nov 2015 17:28

Tgt Ion: 77 Resp: 49504

Ion	Ratio	Lower	Upper
77	100		
105	75.6	63.5	103.5
106	65.4	59.3	99.3

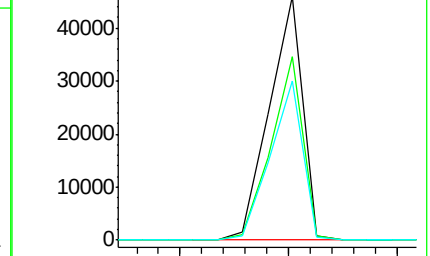
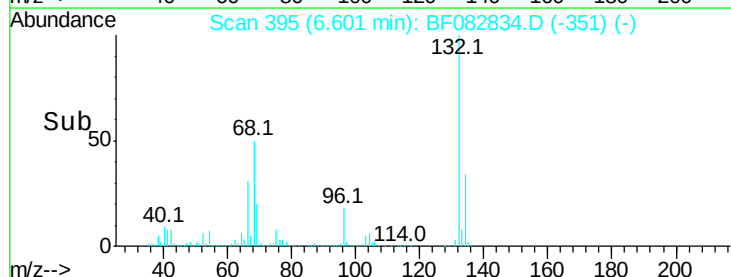


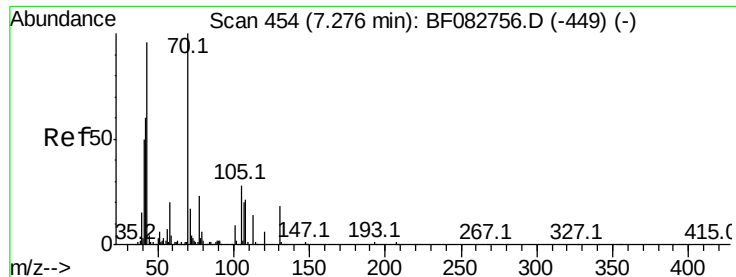
Abundance

Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 12.51 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.13 min

Lab File: BF082834.D

Acq: 9 Nov 2015 17:28

Instrument :

BNA_F

ClientSampleId :

PB86498BL

Tot Ion: 70 Resp: 199316

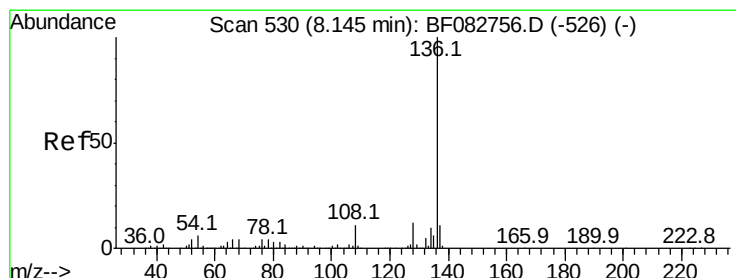
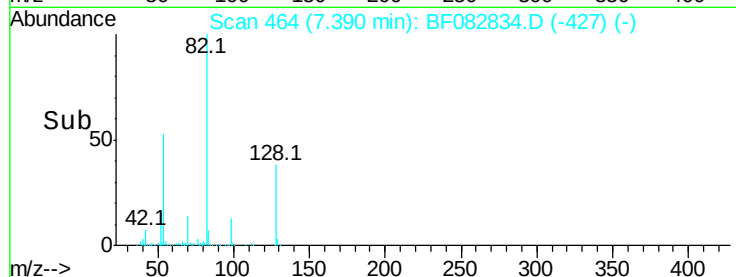
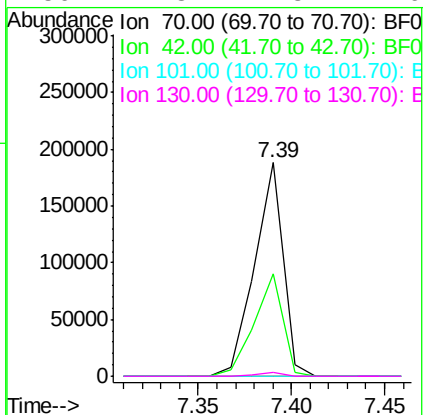
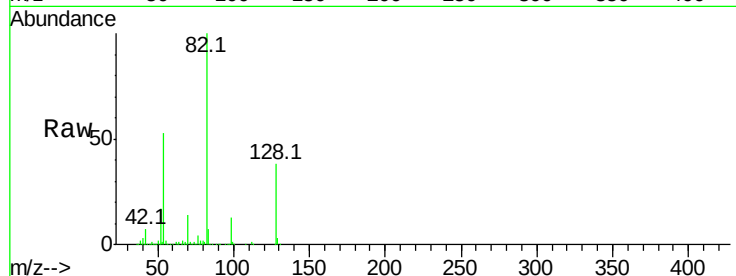
Ion Ratio Lower Upper

70 100

42 47.7 57.7 86.5#

101 0.0 7.0 10.6#

130 1.8 11.8 17.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.03 min

Lab File: BF082834.D

Acq: 9 Nov 2015 17:28

Tgt Ion:136 Resp: 902733

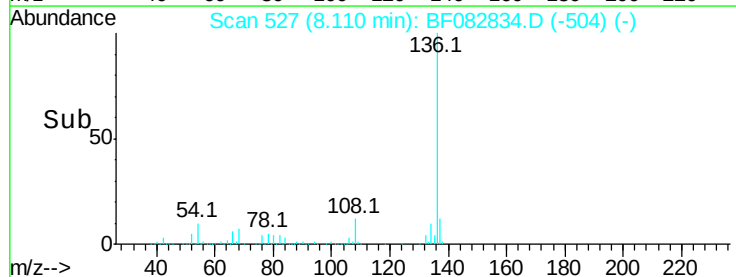
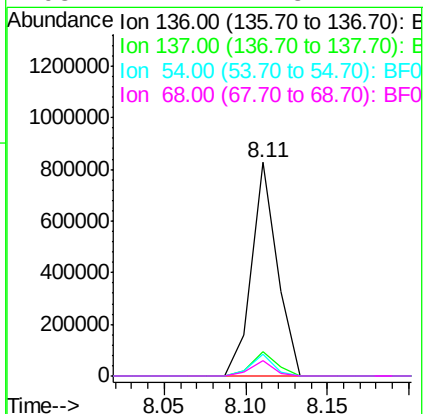
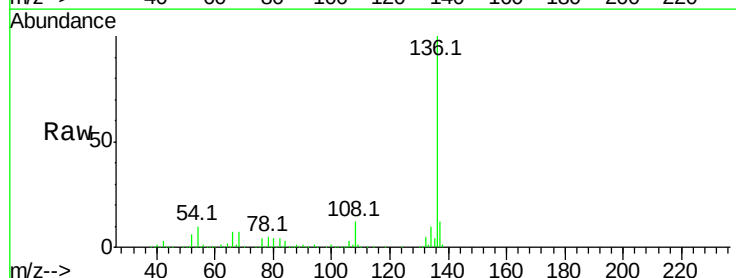
Ion Ratio Lower Upper

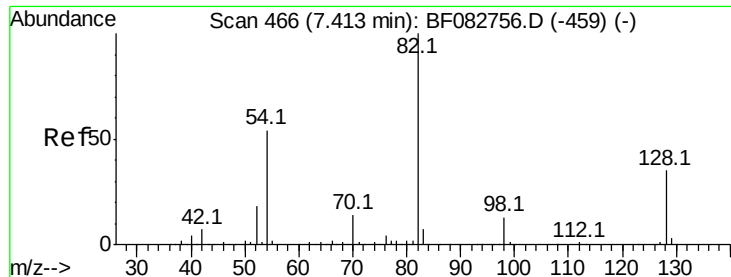
136 100

137 11.5 9.1 13.7

54 10.3 9.1 13.7

68 7.2 4.8 7.2#





#23

Nitrobenzene-d5

Concen: 69.49 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.02 min

Lab File: BF082834.D

Acq: 9 Nov 2015 17:28

Instrument :

BNA_F

ClientSampleId :

PB86498BL

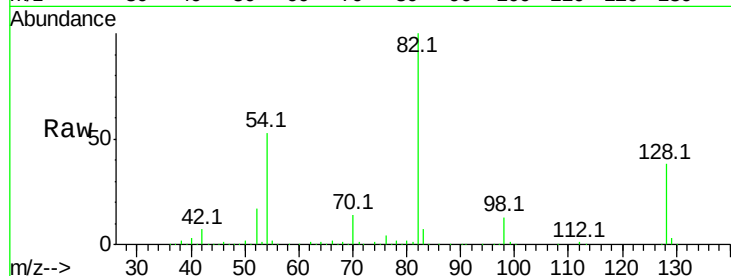
Tot Ion: 82 Resp: 1441582

Ion Ratio Lower Upper

82 100

128 37.8 26.8 40.2

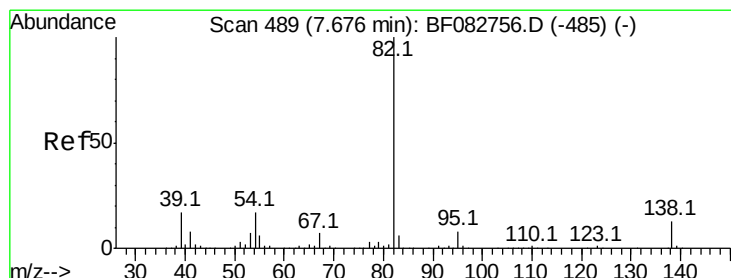
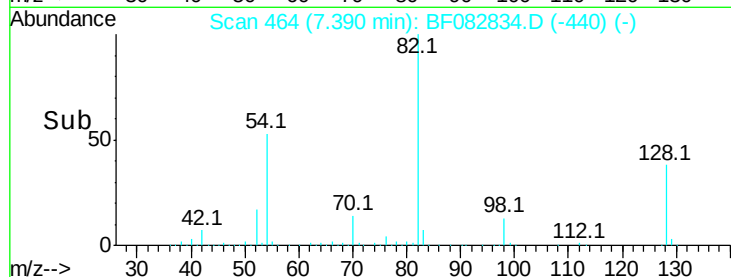
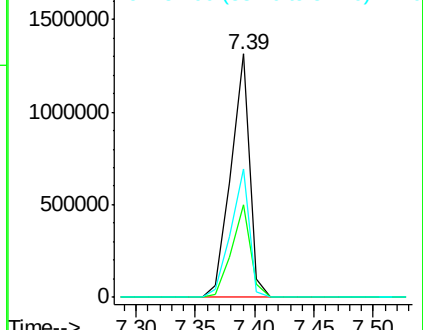
54 52.8 45.7 68.5



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: 36.36 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.29 min

Lab File: BF082834.D

Acq: 9 Nov 2015 17:28

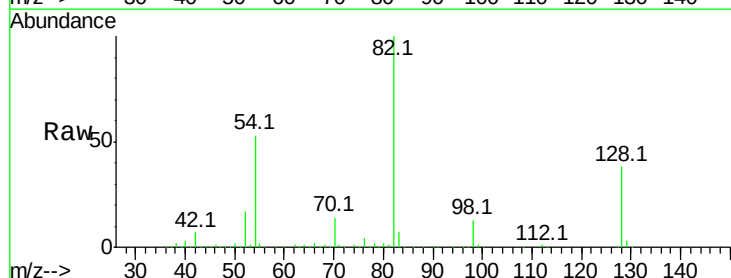
Tgt Ion: 82 Resp: 1395768

Ion Ratio Lower Upper

82 100

95 0.0 6.6 9.8#

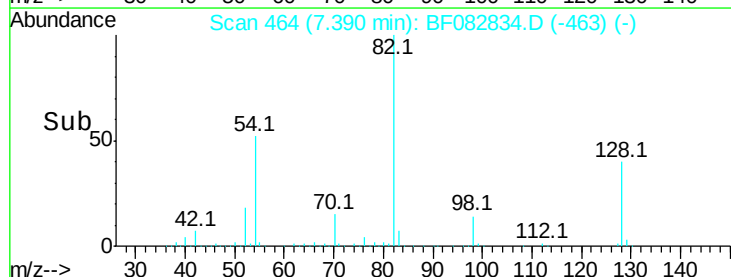
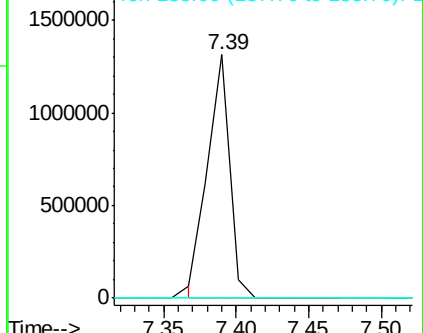
138 0.0 11.4 17.0#

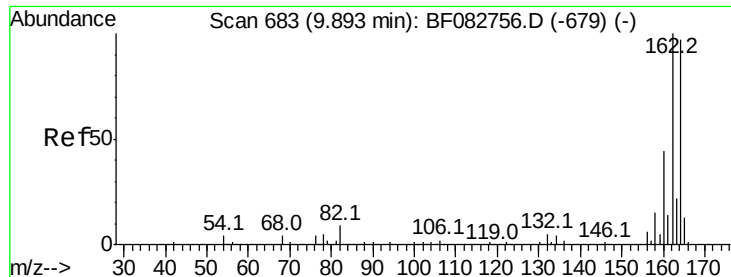


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

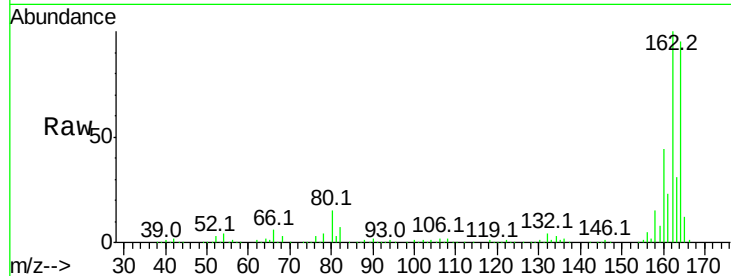




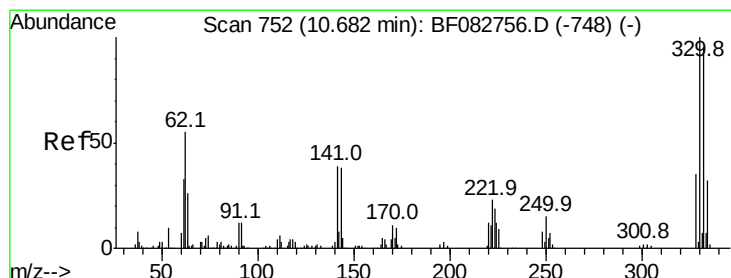
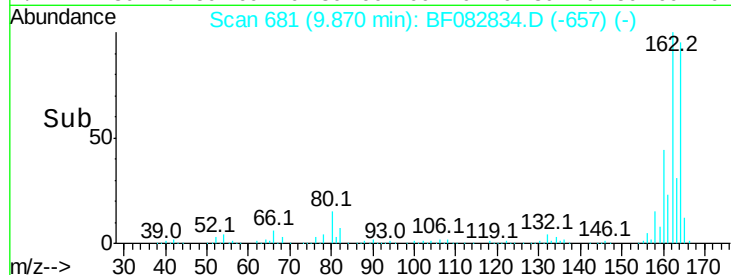
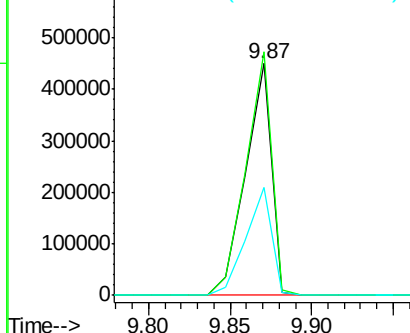
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF082834.D
 Acq: 9 Nov 2015 17:28

Instrument :
 BNA_F
 ClientSampleId :
 PB86498BL

Tot Ion:164 Resp: 493751
 Ion Ratio Lower Upper
 164 100
 162 105.2 84.9 127.3
 160 46.5 37.5 56.3

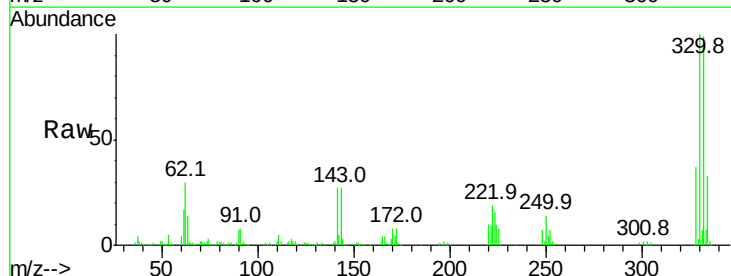


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

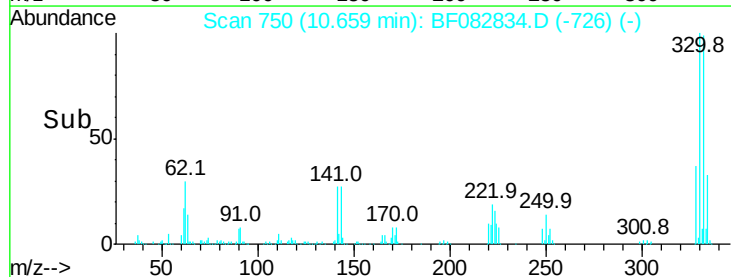
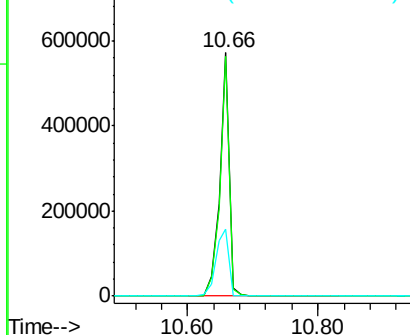


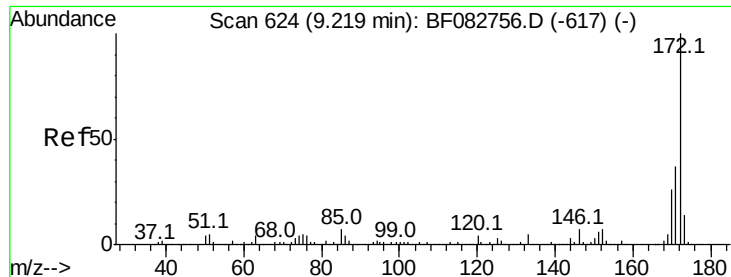
#41
 2,4,6-Tribromophenol
 Concen: 105.18 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF082834.D
 Acq: 9 Nov 2015 17:28

Tgt Ion:330 Resp: 595475
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 114.8
 141 37.4 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



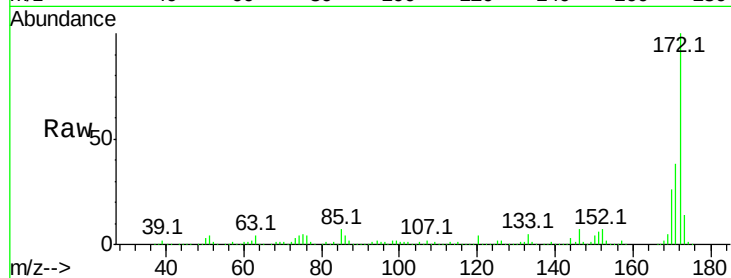


#44
 2-Fluorobiphenyl
 Concen: 72.36 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF082834.D
 Acq: 9 Nov 2015 17:28

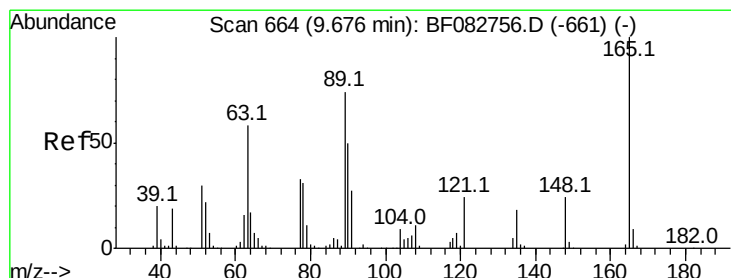
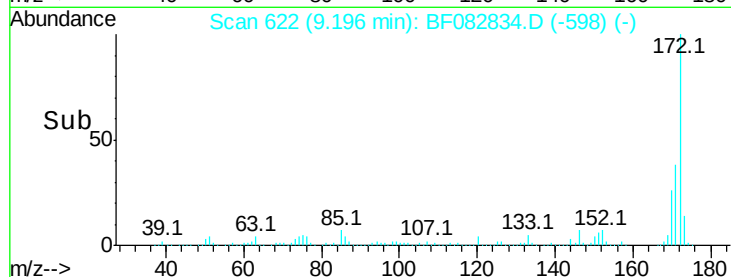
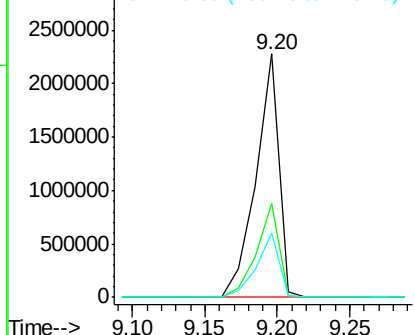
Instrument :
 BNA_F
 ClientSampleId :
 PB86498BL

Tot Ion:172 Resp: 2492869

Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.8	46.2
170	26.4	21.2	31.8



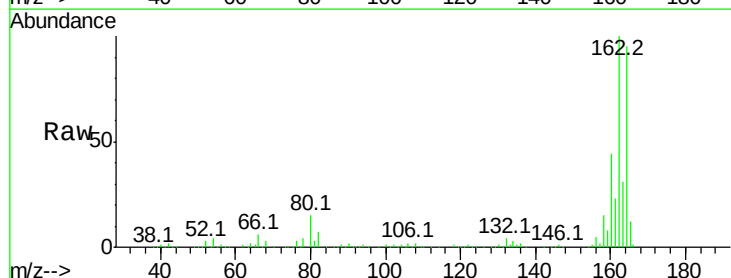
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



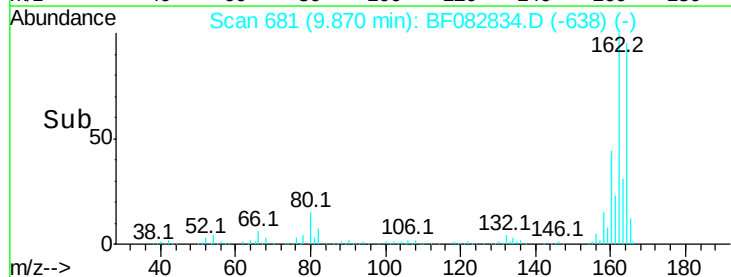
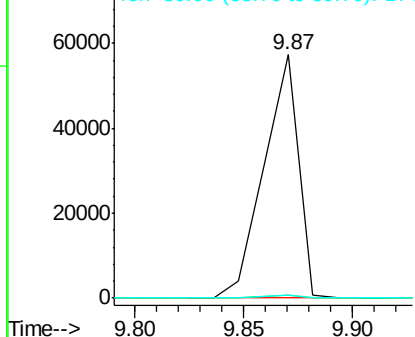
#50
 2,6-Dinitrotoluene
 Concen: 7.40 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.19 min
 Lab File: BF082834.D
 Acq: 9 Nov 2015 17:28

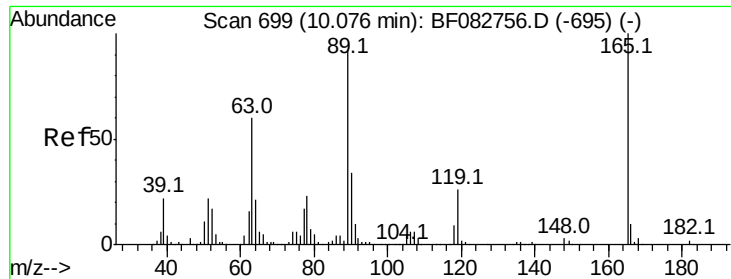
Tgt Ion:165 Resp: 63848

Ion	Ratio	Lower	Upper
165	100		
63	1.2	55.5	83.3#
89	1.1	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: 5.45 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.21 min

Lab File: BF082834.D

Acq: 9 Nov 2015 17:28

Instrument :

BNA_F

ClientSampleId :

PB86498BL

Tot Ion:165 Resp: 63852

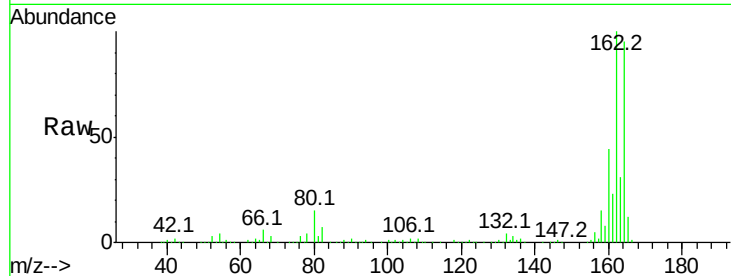
Ion Ratio Lower Upper

165 100

63 1.2 43.4 65.0#

89 1.1 70.6 106.0#

182 0.0 1.5 2.3#

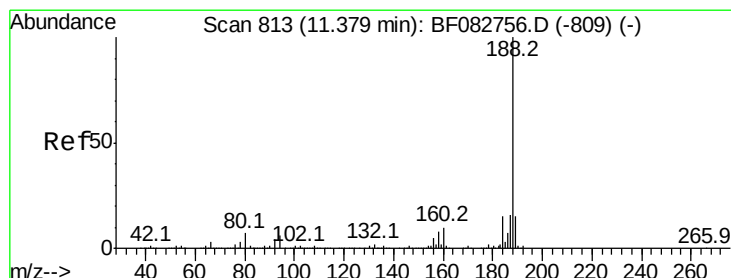
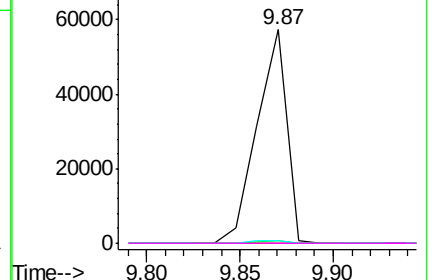
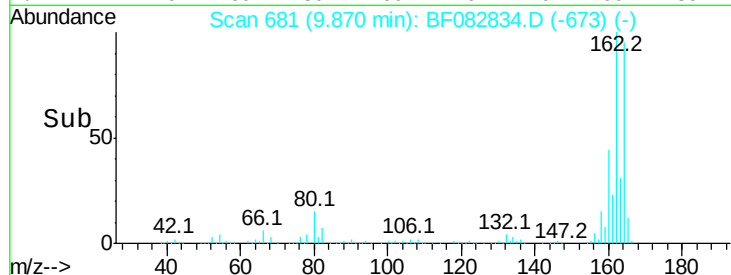


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF082834.D

Acq: 9 Nov 2015 17:28

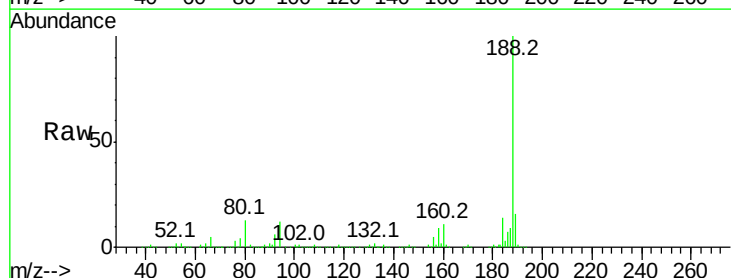
Tgt Ion:188 Resp: 874028

Ion Ratio Lower Upper

188 100

94 11.6 6.1 9.1#

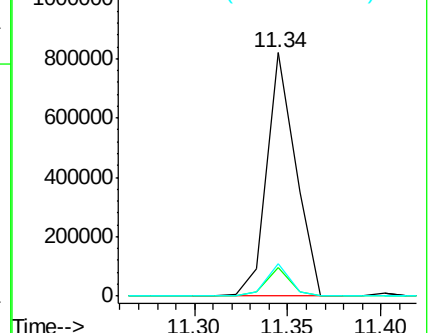
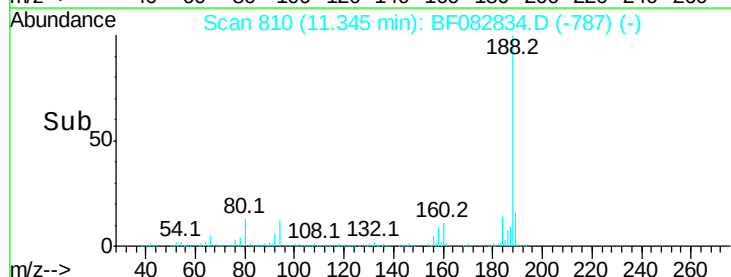
80 13.1 7.0 10.6#

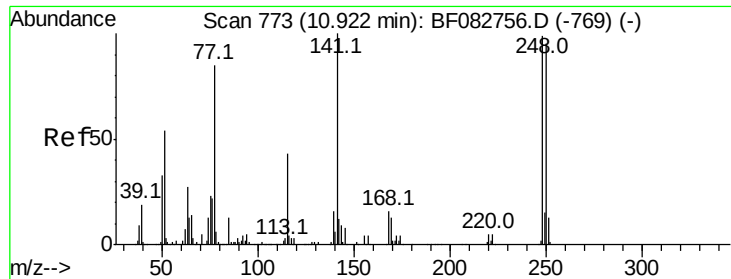


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

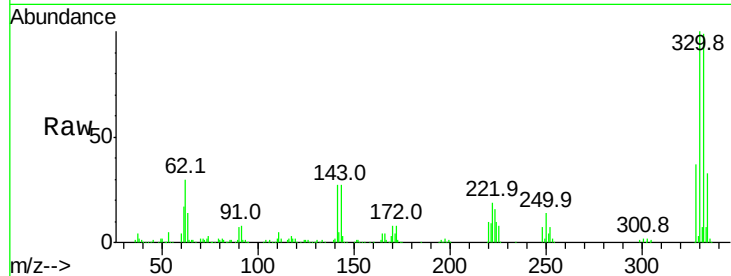




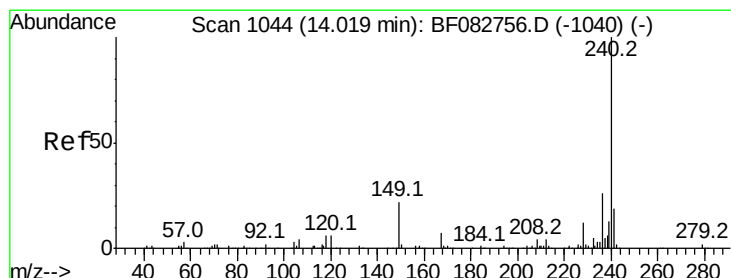
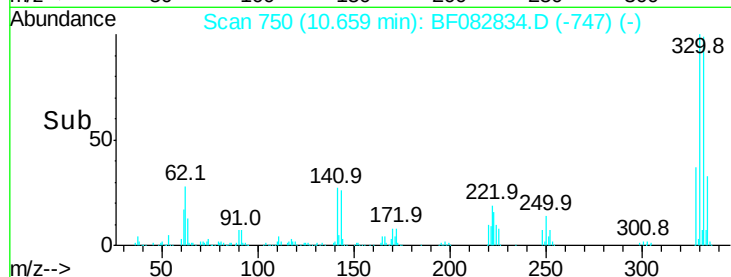
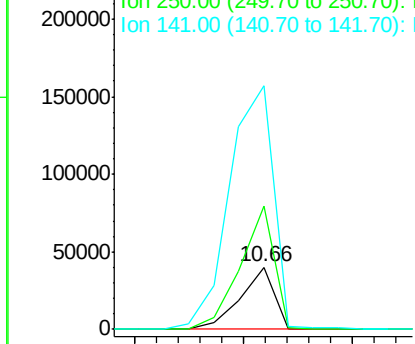
#66
 4-Bromophenyl-phenylether
 Concen: 4.12 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.26 min
 Lab File: BF082834.D
 Acq: 9 Nov 2015 17:28

Instrument :
 BNA_F
 ClientSampleId :
 PB86498BL

Tot Ion:248 Resp: 43356
 Ion Ratio Lower Upper
 248 100
 250 199.1 79.4 119.2#
 141 392.5 36.3 54.5#

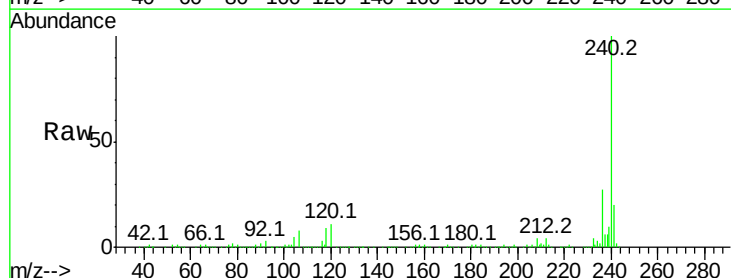


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

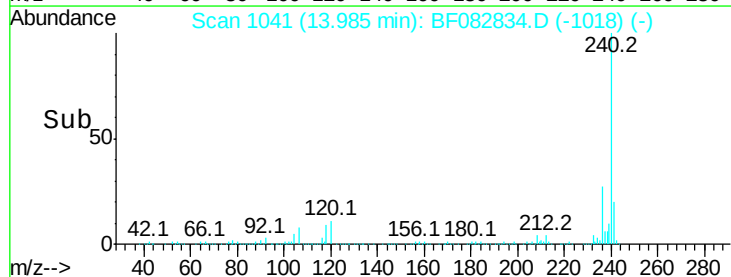
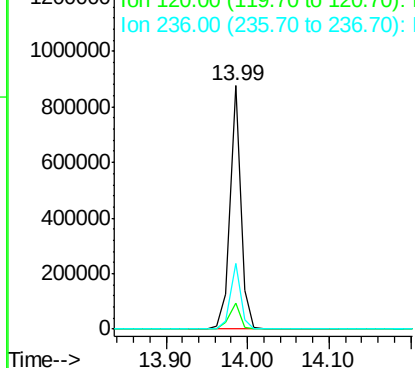


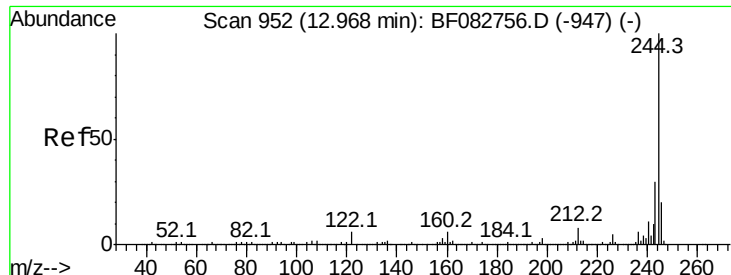
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF082834.D
 Acq: 9 Nov 2015 17:28

Tgt Ion:240 Resp: 800873
 Ion Ratio Lower Upper
 240 100
 120 10.9 10.9 16.3
 236 26.8 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: 77.67 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF082834.D

Acq: 9 Nov 2015 17:28

Instrument :

BNA_F

ClientSampleId :

PB86498BL

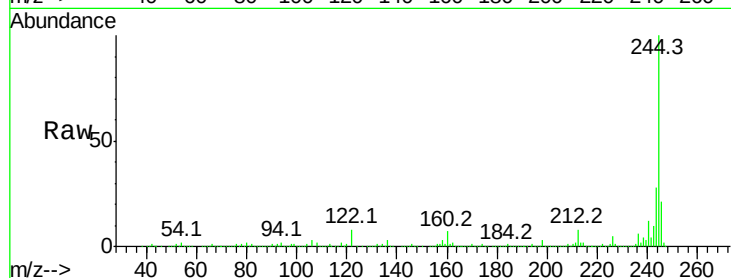
Tot Ion:244 Resp: 2622639

Ion Ratio Lower Upper

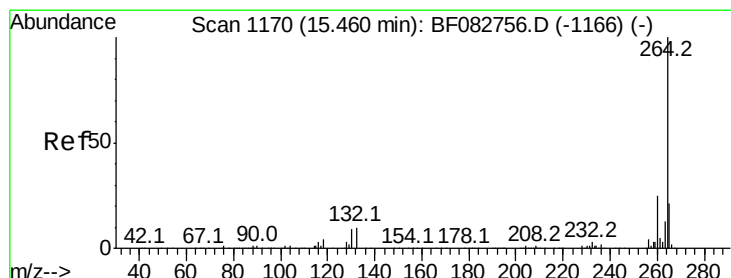
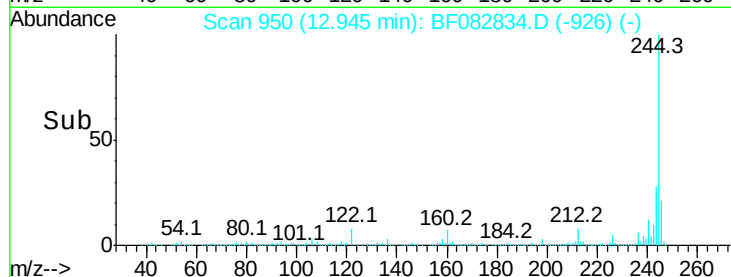
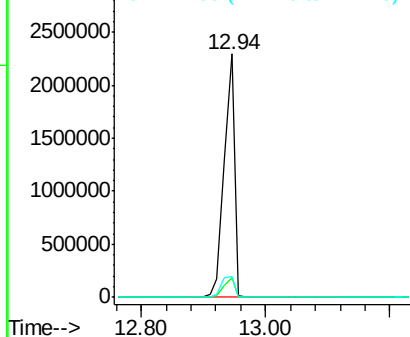
244 100

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: 15.43 min Scan# 1167

Delta R.T. -0.03 min

Lab File: BF082834.D

Acq: 9 Nov 2015 17:28

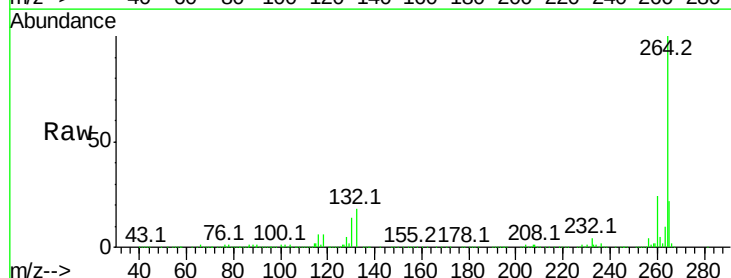
Tgt Ion:264 Resp: 750966

Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.6

265 21.5 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

