

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
 Data File : BF080776.D
 Acq On : 1 Aug 2015 12:48
 Operator : TP/UM
 Sample : G3128-05
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EAST-ABUT-4(0-2)

Quant Time: Aug 03 01:05:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

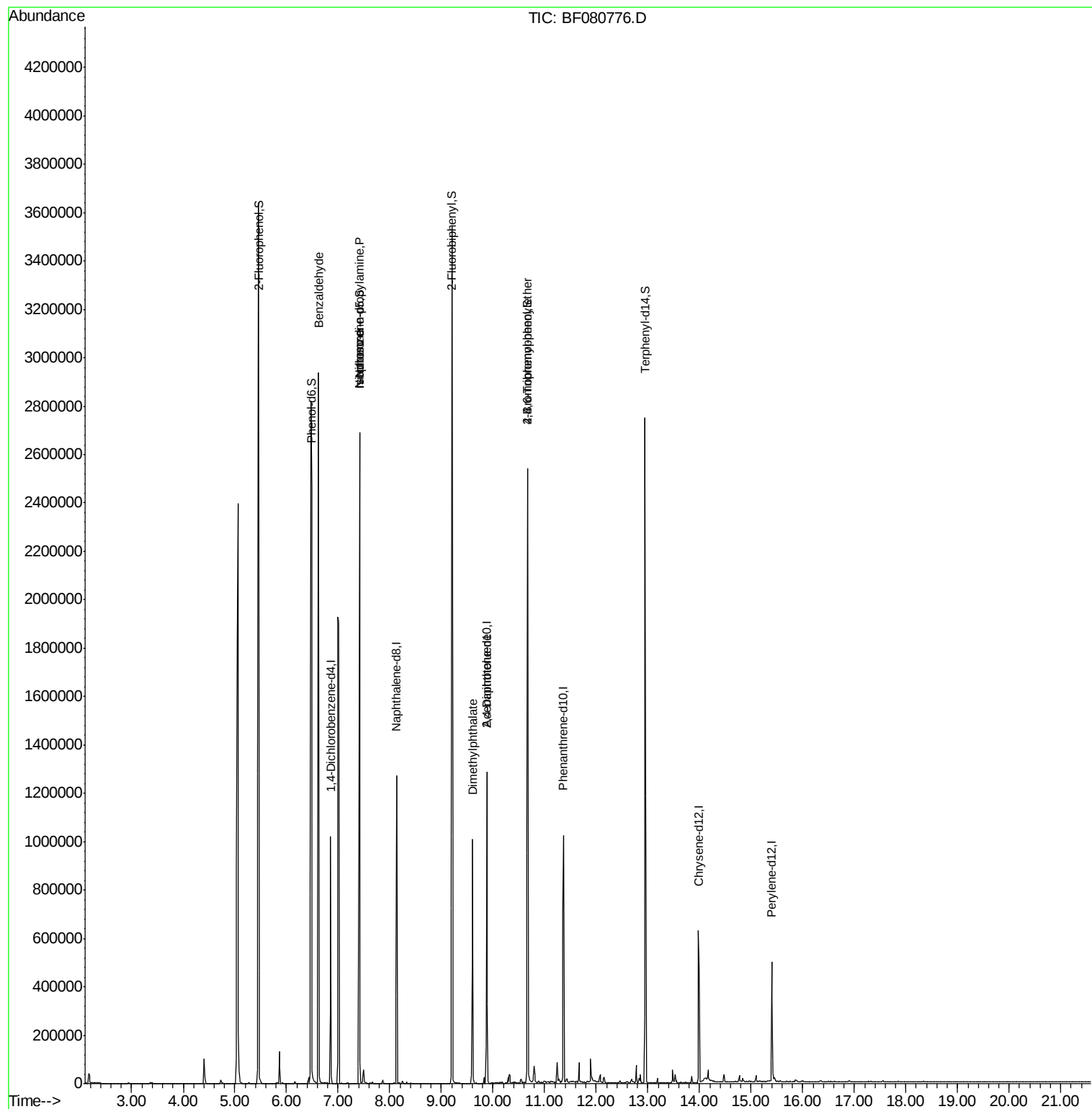
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	136988	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	522449	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	251067	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	481216	20.00	ng	0.00
75) Chrysene-d12	13.99	240	293317	20.00	ng	-0.01
86) Perylene-d12	15.40	264	266686	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	871595	109.15	ng	0.01
7) Phenol-d6	6.49	99	1384223	127.33	ng	0.00
23) Nitrobenzene-d5	7.41	82	862663	79.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	301025	115.55	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1196483	71.10	ng	-0.01
78) Terphenyl-d14	12.94	244	948911	61.19	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.62	77	28394	3.06	ng	84
19) n-Nitroso-di-n-propylamine	7.41	70	121684	16.62	ng	# 77
25) Isophorone	7.41	82	845418	44.06	ng	# 71
49) Dimethylphthalate	9.61	163	471005	26.62	ng	98
56) 2,4-Dinitrotoluene	9.88	165	31242	6.34	ng	# 16
66) 4-Bromophenyl-phenylether	10.67	248	19787	3.98	ng	# 1

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

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QLast Update : Fri Jul 31 01:45:22 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF080776.D

Acq: 1 Aug 2015 12:48

Instrument :

BNA_F

ClientSampleId :

EAST-ABUT-4(0-2)

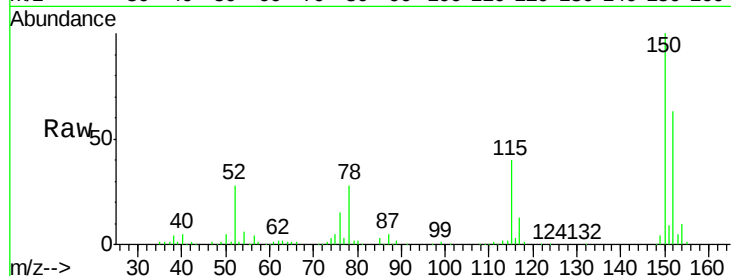
Tgt Ion:152 Resp: 136988

Ion Ratio Lower Upper

152 100

150 159.3 129.6 194.4

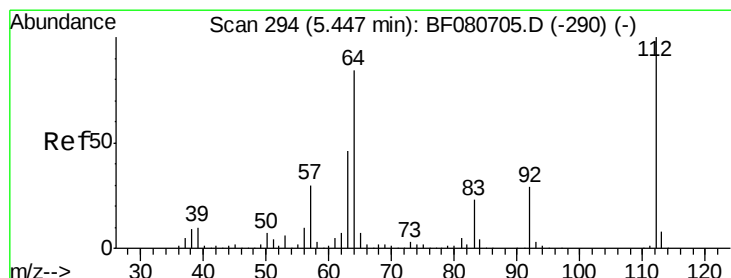
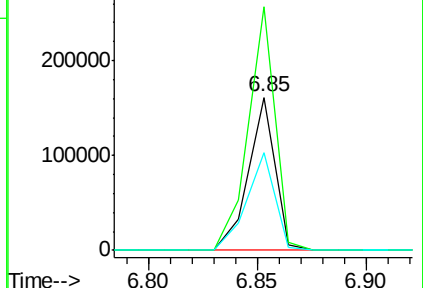
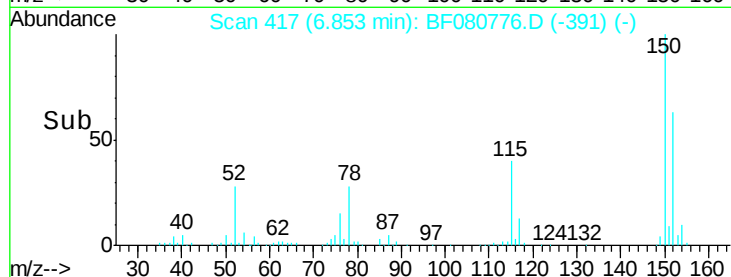
115 64.2 56.6 85.0



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: 109.15 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF080776.D

Acq: 1 Aug 2015 12:48

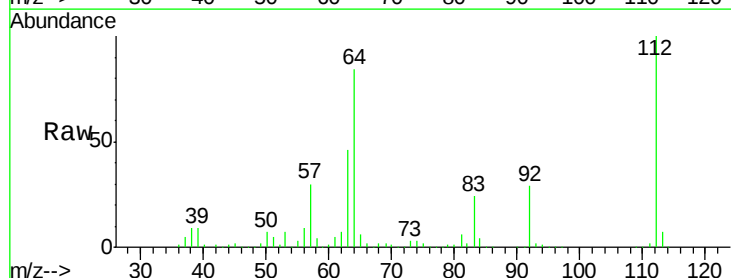
Tgt Ion:112 Resp: 871595

Ion Ratio Lower Upper

112 100

64 83.7 66.8 100.2

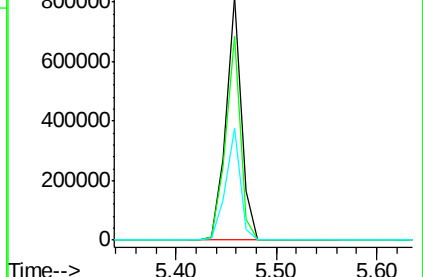
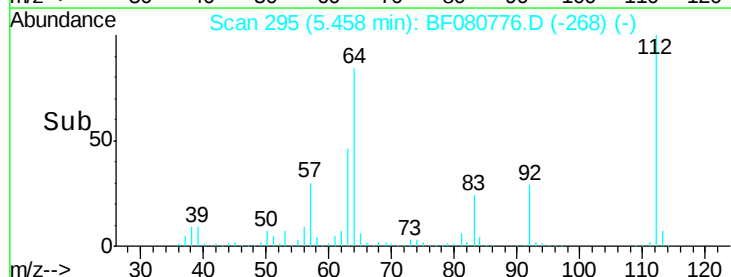
63 45.7 36.7 55.1

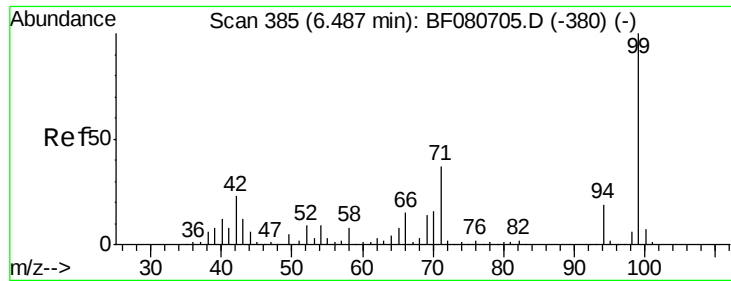


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.33 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080776.D

Acq: 1 Aug 2015 12:48

Instrument :

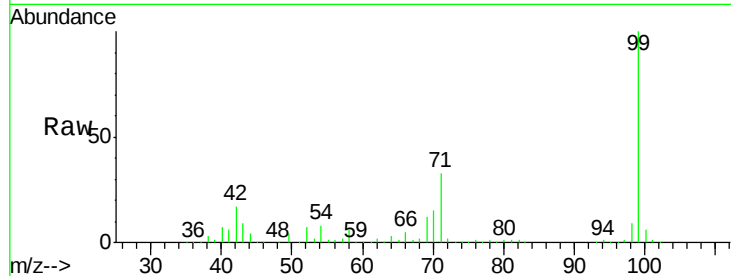
BNA_F

ClientSampleId :

EAST-ABUT-4(0-2)

Tgt Ion: 99 Resp: 1384223

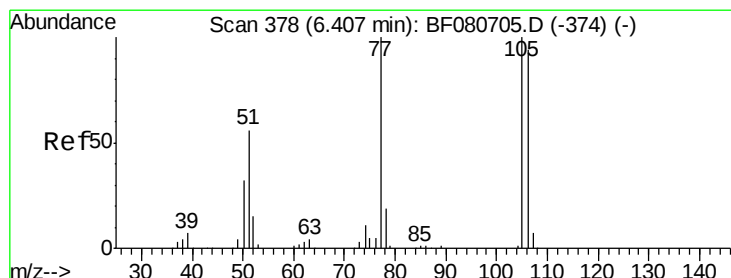
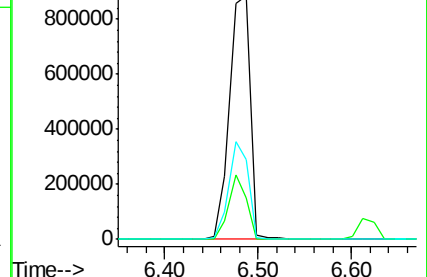
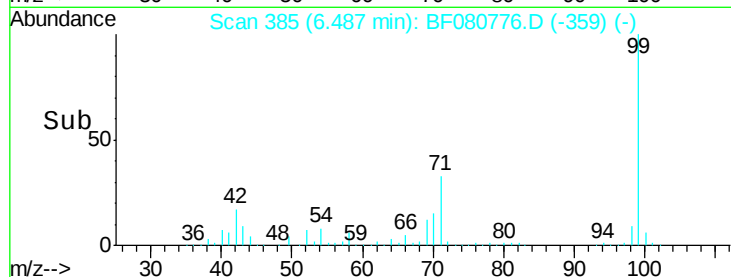
Ion	Ratio	Lower	Upper
99	100		
42	17.2	18.2	27.2#
71	32.9	29.5	44.3



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: 3.06 ng

RT: 6.62 min Scan# 397

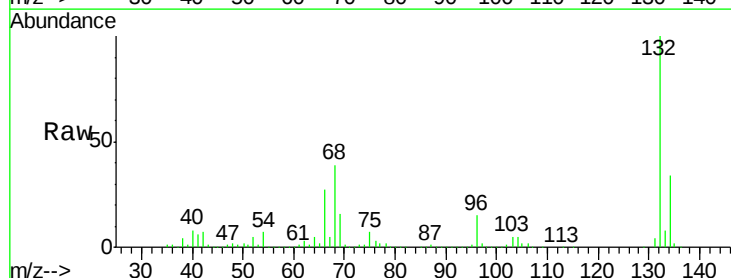
Delta R.T. 0.22 min

Lab File: BF080776.D

Acq: 1 Aug 2015 12:48

Tgt Ion: 77 Resp: 28394

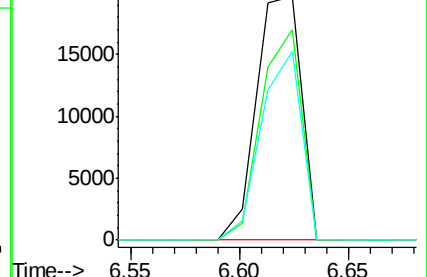
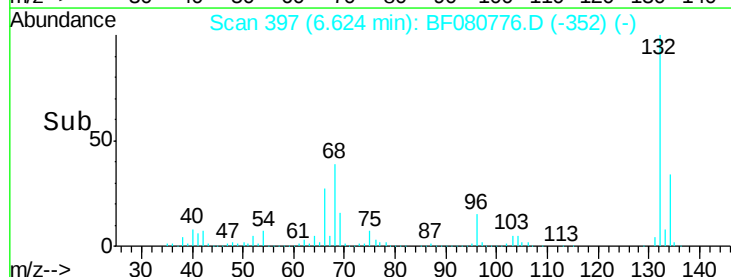
Ion	Ratio	Lower	Upper
77	100		
105	86.1	80.2	120.2
106	77.3	74.2	114.2

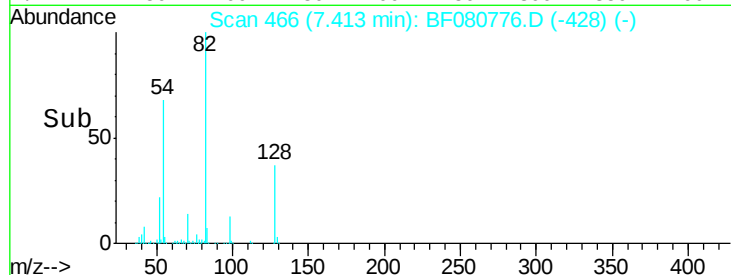
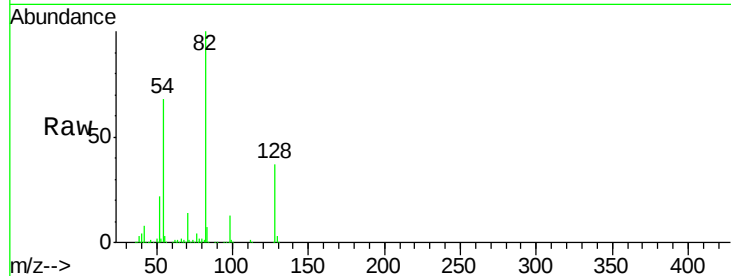
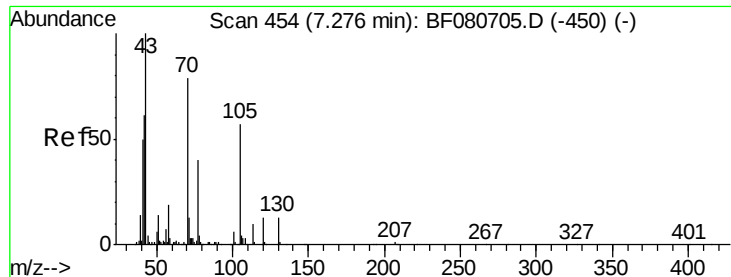


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

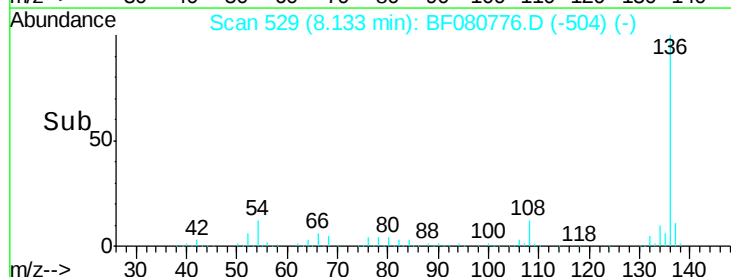
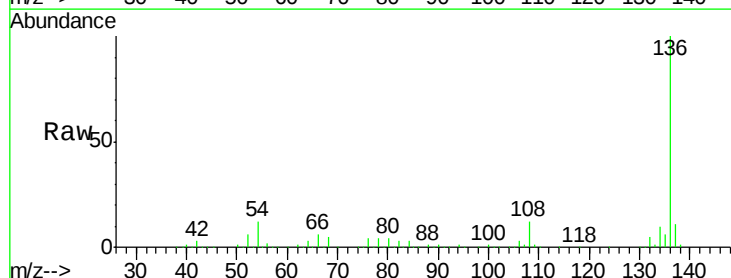
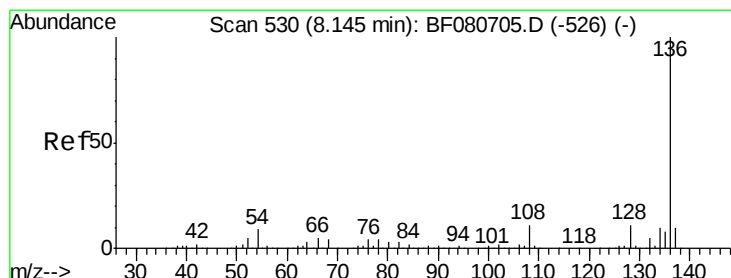
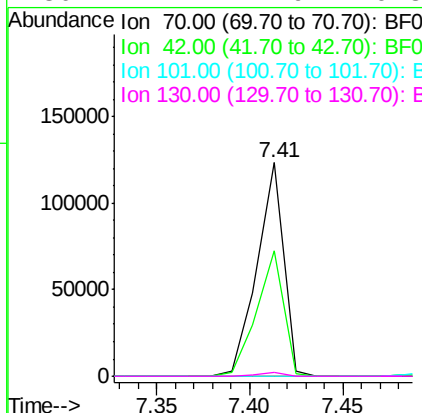




#19
n-Nitroso-di-n-propylamine
Concen: 16.62 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.14 min
Lab File: BF080776.D
Acq: 1 Aug 2015 12:48

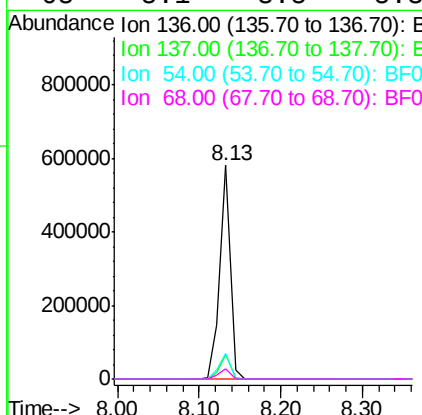
Instrument :
BNA_F
ClientSampleId :
EAST-ABUT-4(0-2)

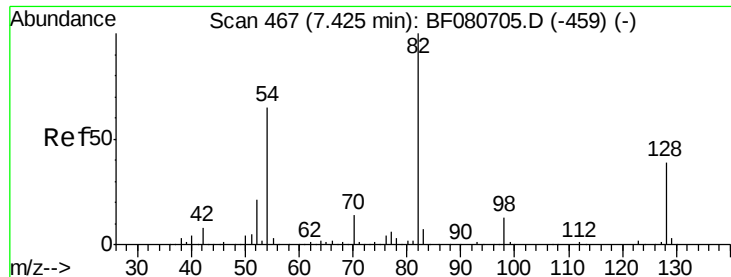
Tgt Ion: 70 Resp: 121684
Ion Ratio Lower Upper
70 100
42 58.9 61.8 92.6#
101 0.0 6.1 9.1#
130 1.7 12.9 19.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080776.D
Acq: 1 Aug 2015 12:48

Tgt Ion: 136 Resp: 522449
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 11.9 6.9 10.3#
68 5.1 3.5 5.3

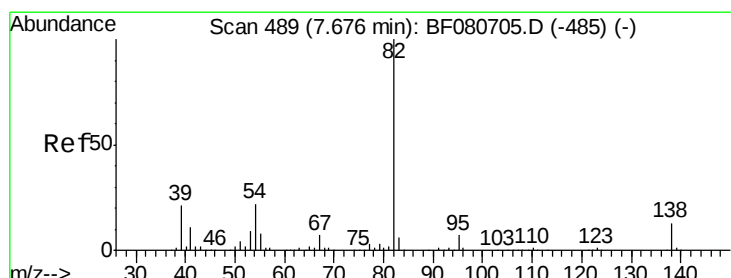
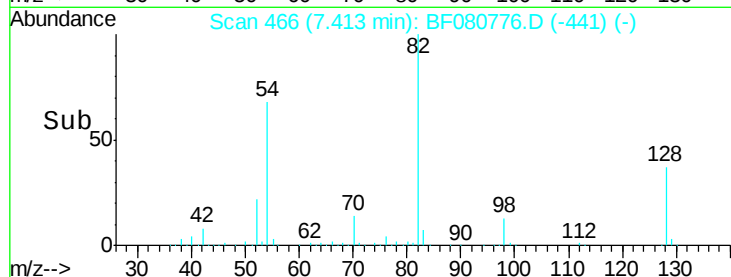
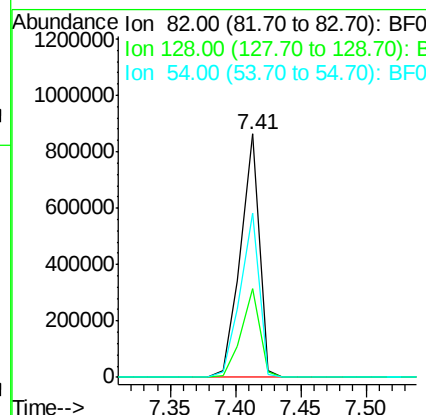
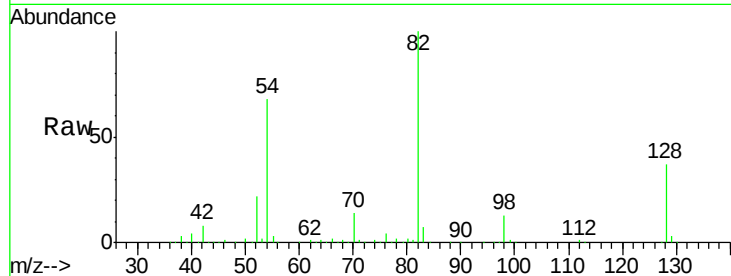




#23
Nitrobenzene-d5
Concen: 79.96 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF080776.D
Acq: 1 Aug 2015 12:48

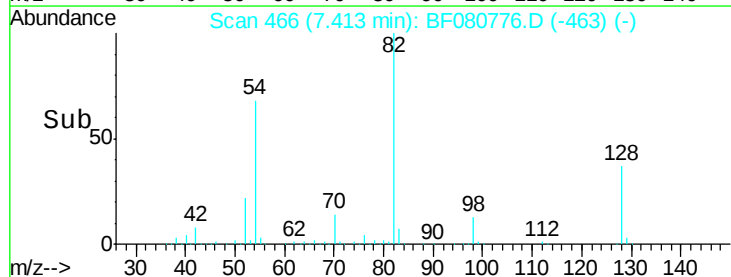
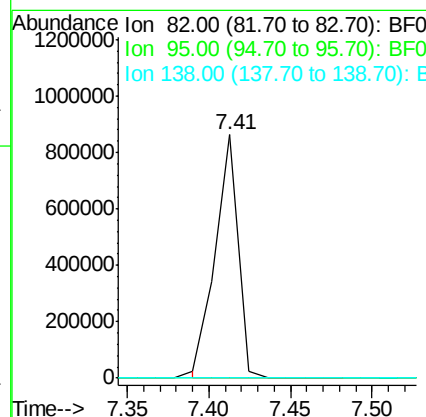
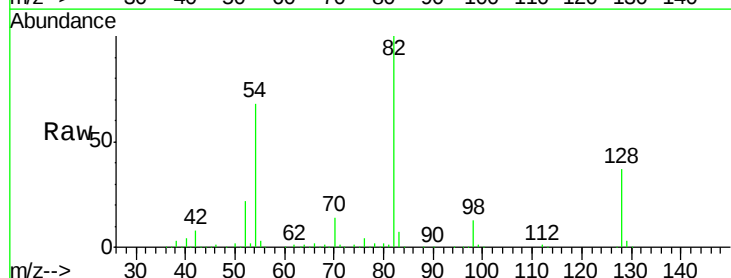
Instrument :
BNA_F
ClientSampleId :
EAST-ABUT-4(0-2)

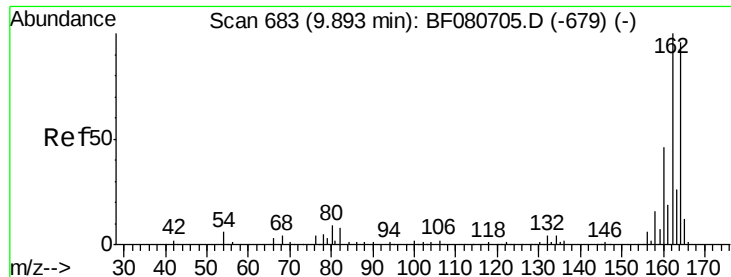
Tgt Ion: 82 Resp: 862663
Ion Ratio Lower Upper
82 100
128 36.6 31.5 47.3
54 67.6 51.8 77.8



#25
Isophorone
Concen: 44.06 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.26 min
Lab File: BF080776.D
Acq: 1 Aug 2015 12:48

Tgt Ion: 82 Resp: 845418
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 10.7 16.1#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF080776.D

Acq: 1 Aug 2015 12:48

Instrument :

BNA_F

ClientSampleId :

EAST-ABUT-4(0-2)

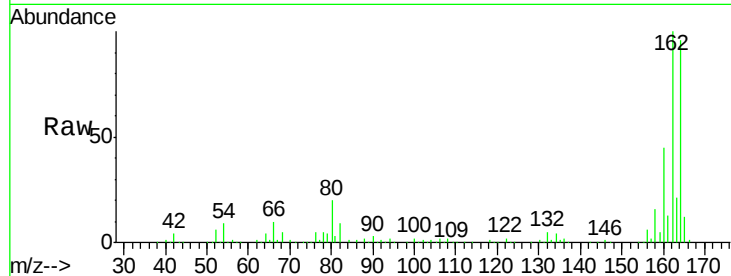
Tgt Ion:164 Resp: 251067

Ion Ratio Lower Upper

164 100

162 103.7 83.4 125.0

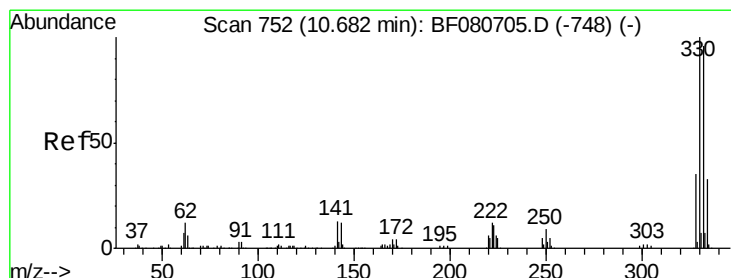
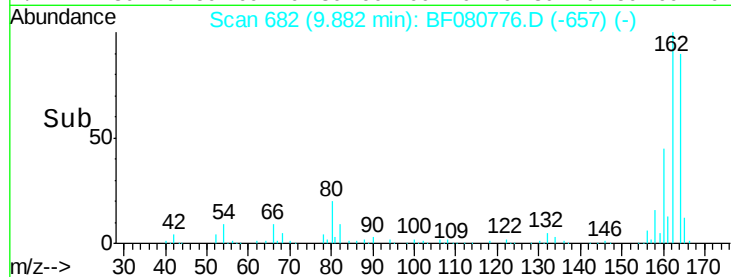
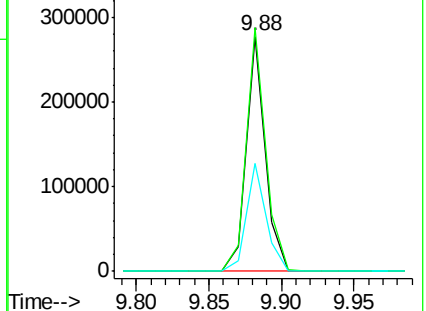
160 46.2 38.0 57.0



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: 115.55 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF080776.D

Acq: 1 Aug 2015 12:48

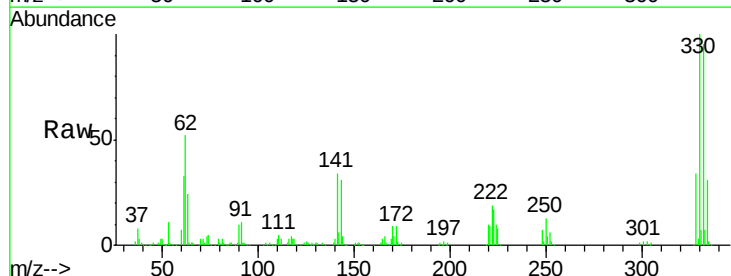
Tgt Ion:330 Resp: 301025

Ion Ratio Lower Upper

330 100

332 94.7 76.6 114.8

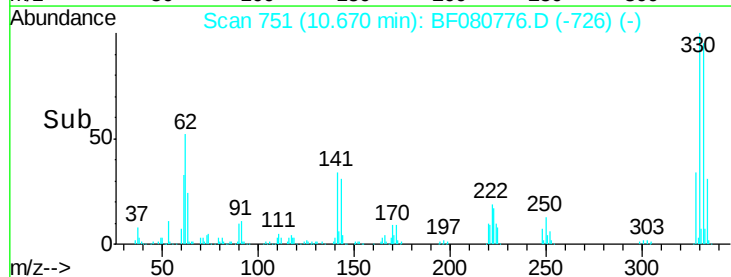
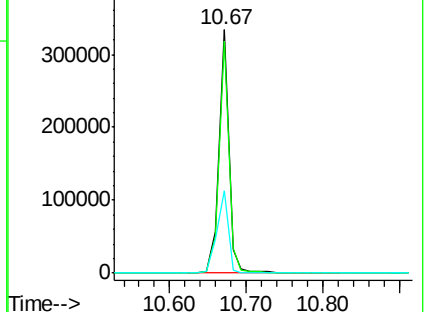
141 38.5 26.0 39.0

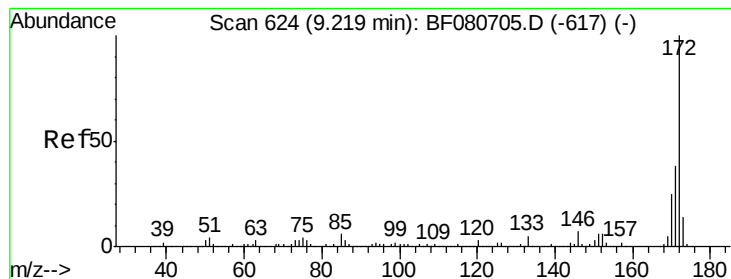


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

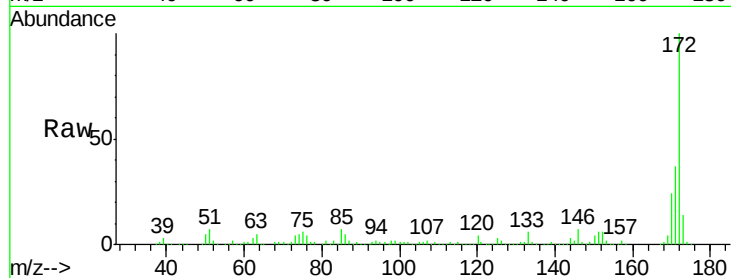




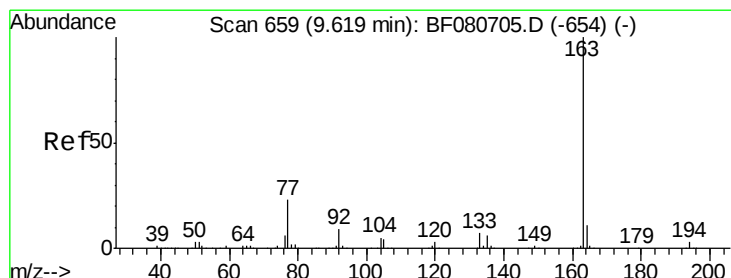
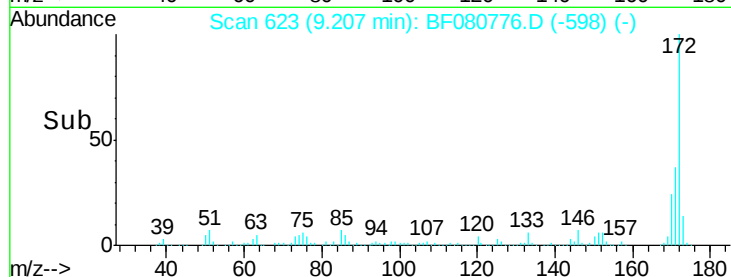
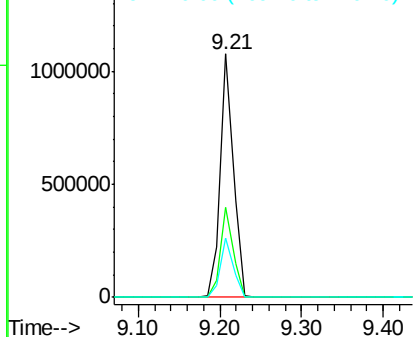
#44
 2-Fluorobiphenyl
 Concen: 71.10 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080776.D
 Acq: 1 Aug 2015 12:48

Instrument :
 BNA_F
 ClientSampleId :
 EAST-ABUT-4(0-2)

Tgt Ion:172 Resp: 1196483
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.2 45.4
 170 24.5 20.2 30.2

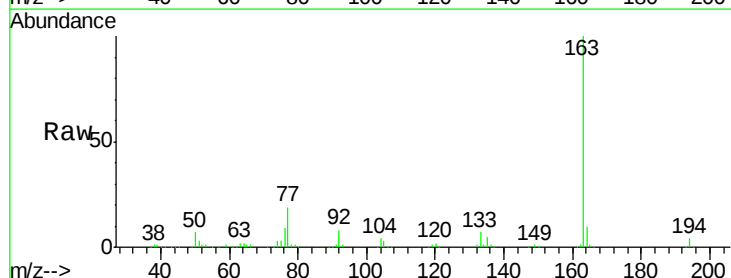


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

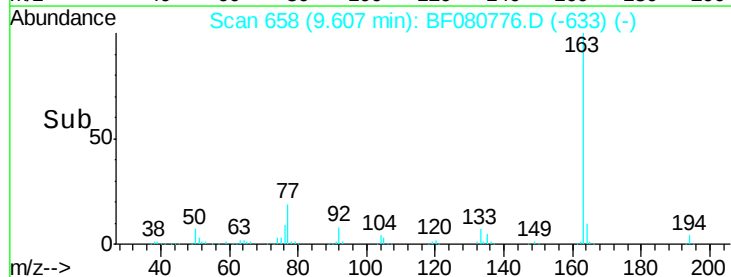
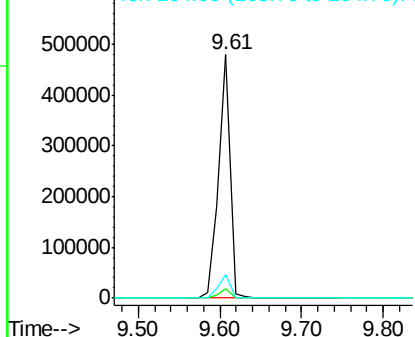


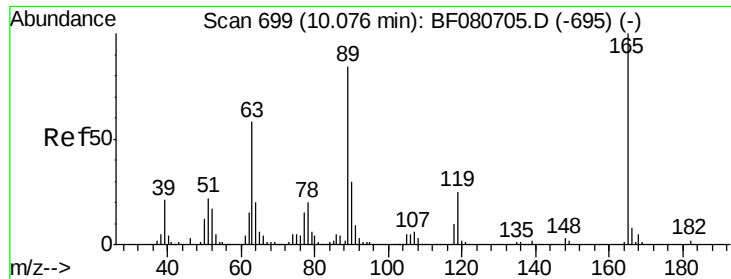
#49
 Dimethylphthalate
 Concen: 26.62 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF080776.D
 Acq: 1 Aug 2015 12:48

Tgt Ion:163 Resp: 471005
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.7 4.1
 164 9.8 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 6.34 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.19 min

Lab File: BF080776.D

Acq: 1 Aug 2015 12:48

Instrument :

BNA_F

ClientSampleId :

EAST-ABUT-4(0-2)

Tgt Ion:165 Resp: 31242

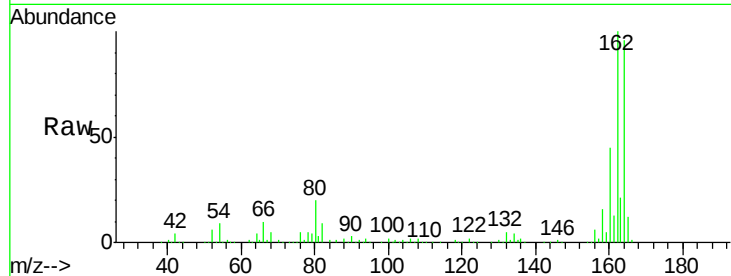
Ion Ratio Lower Upper

165 100

63 1.3 46.7 70.1#

89 1.7 67.4 101.2#

182 0.0 1.8 2.6#

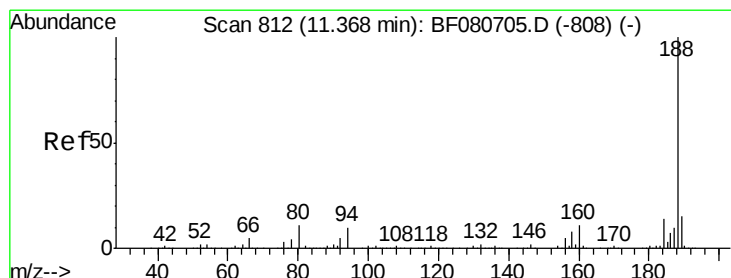
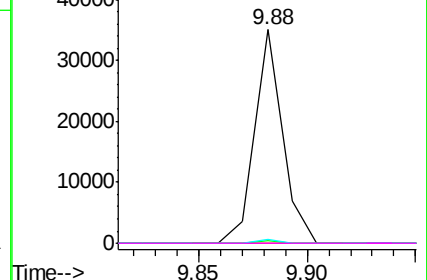
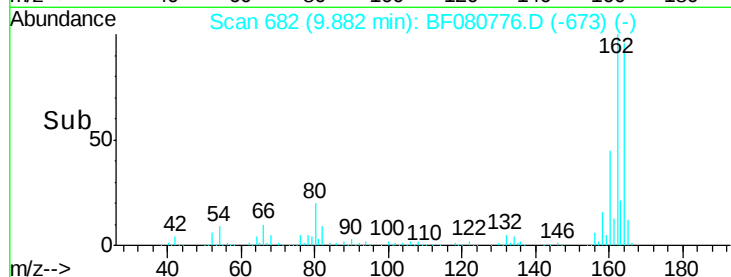


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF080776.D

Acq: 1 Aug 2015 12:48

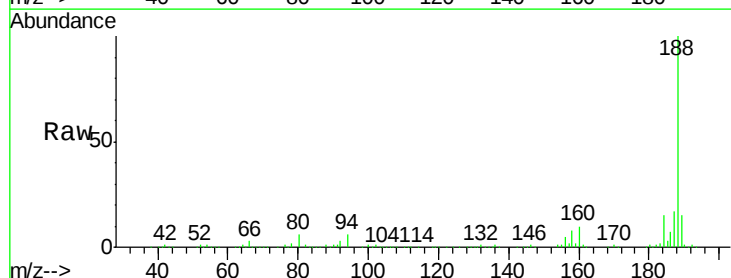
Tgt Ion:188 Resp: 481216

Ion Ratio Lower Upper

188 100

94 5.7 8.1 12.1#

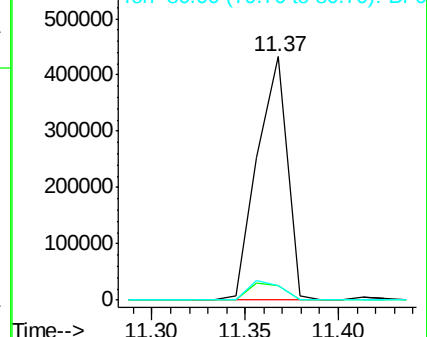
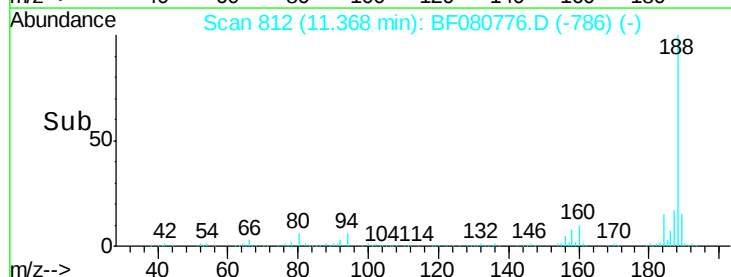
80 6.0 9.1 13.7#

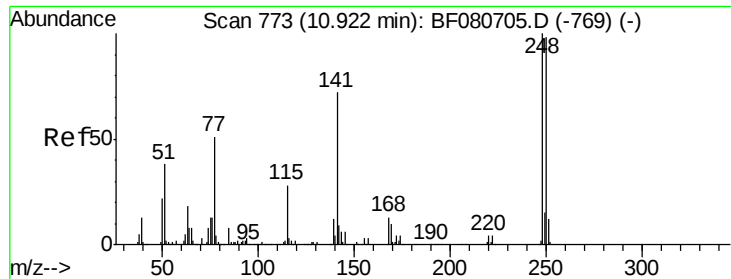


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

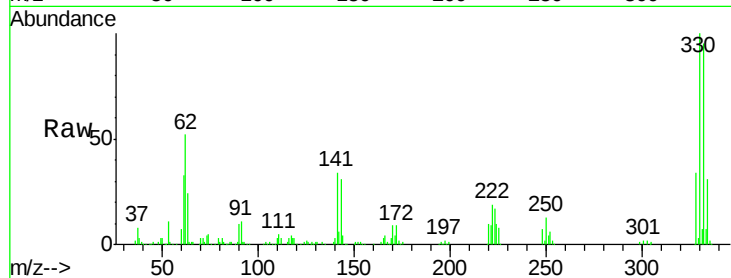




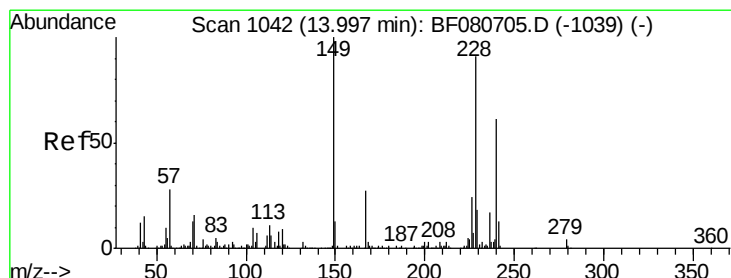
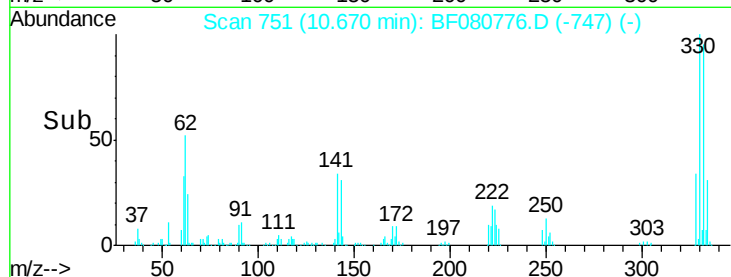
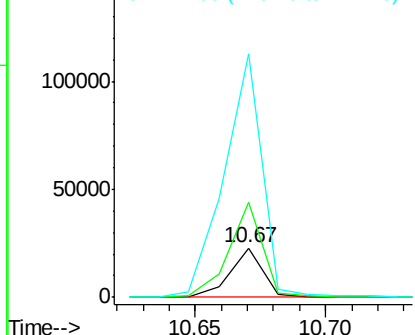
#66
 4-Bromophenyl-phenylether
 Concen: 3.98 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF080776.D
 Acq: 1 Aug 2015 12:48

Instrument :
 BNA_F
 ClientSampleId :
 EAST-ABUT-4(0-2)

Tgt Ion:248 Resp: 19787
 Ion Ratio Lower Upper
 248 100
 250 192.1 78.4 117.6#
 141 493.9 57.5 86.3#

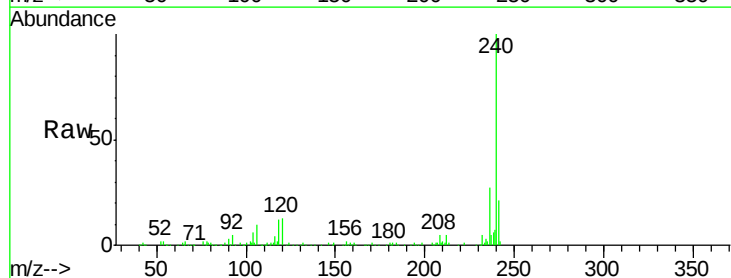


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

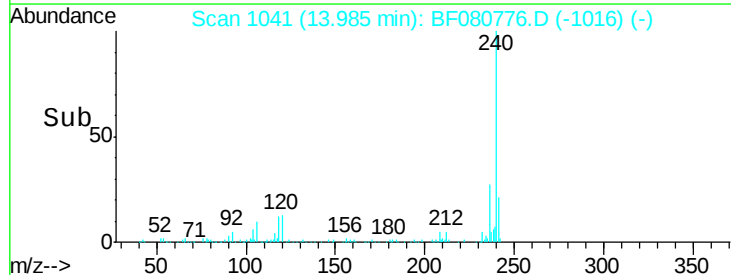
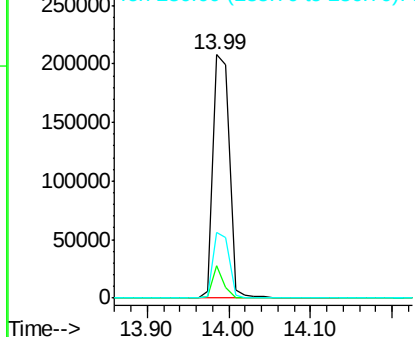


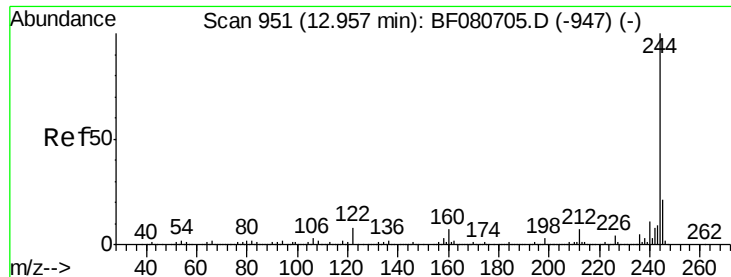
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF080776.D
 Acq: 1 Aug 2015 12:48

Tgt Ion:240 Resp: 293317
 Ion Ratio Lower Upper
 240 100
 120 13.3 11.8 17.8
 236 26.8 21.8 32.8



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

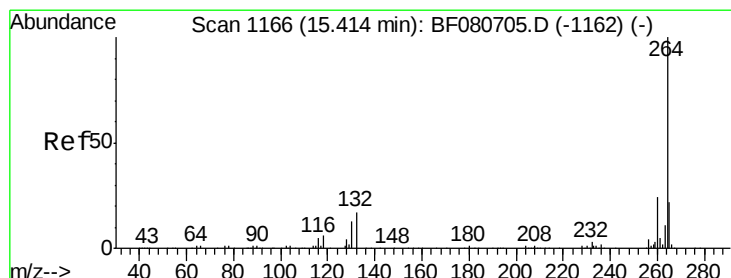
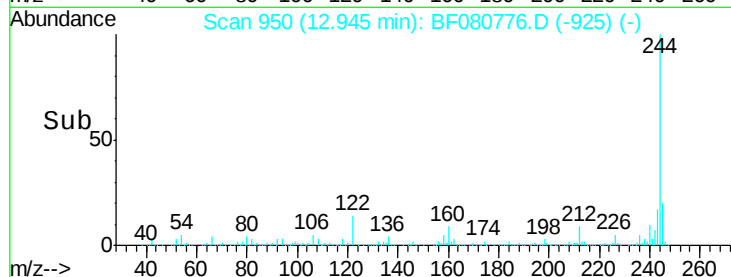
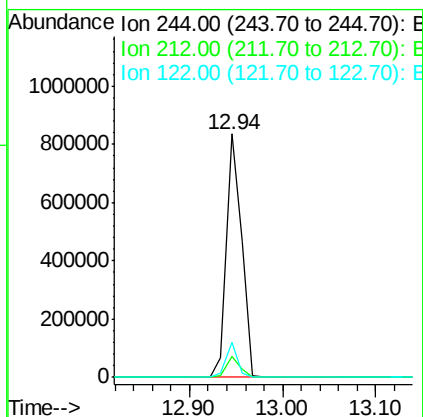
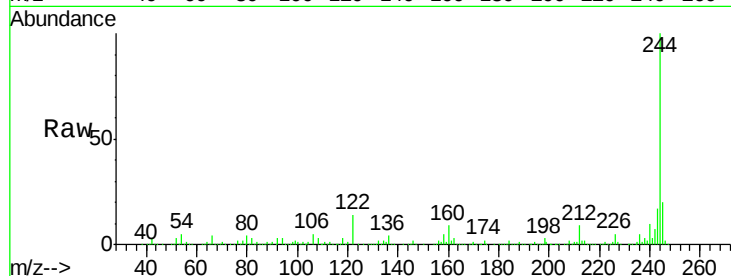




#78
 Terphenyl-d14
 Concen: 61.19 ng
 RT: 12.94 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF080776.D
 Acq: 1 Aug 2015 12:48

Instrument :
 BNA_F
 ClientSampleId :
 EAST-ABUT-4(0-2)

Tgt Ion:244 Resp: 948911
 Ion Ratio Lower Upper
 244 100
 212 8.7 5.9 8.9
 122 14.2 6.6 9.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF080776.D
 Acq: 1 Aug 2015 12:48

Tgt Ion:264 Resp: 266686
 Ion Ratio Lower Upper
 264 100
 260 21.8 19.4 29.0
 265 21.1 17.3 25.9

