

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
 Data File : BF080775.D
 Acq On : 1 Aug 2015 12:18
 Operator : TP/UM
 Sample : G3128-03
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EAST-ABUT-3(0-2)

Quant Time: Aug 03 01:05:04 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

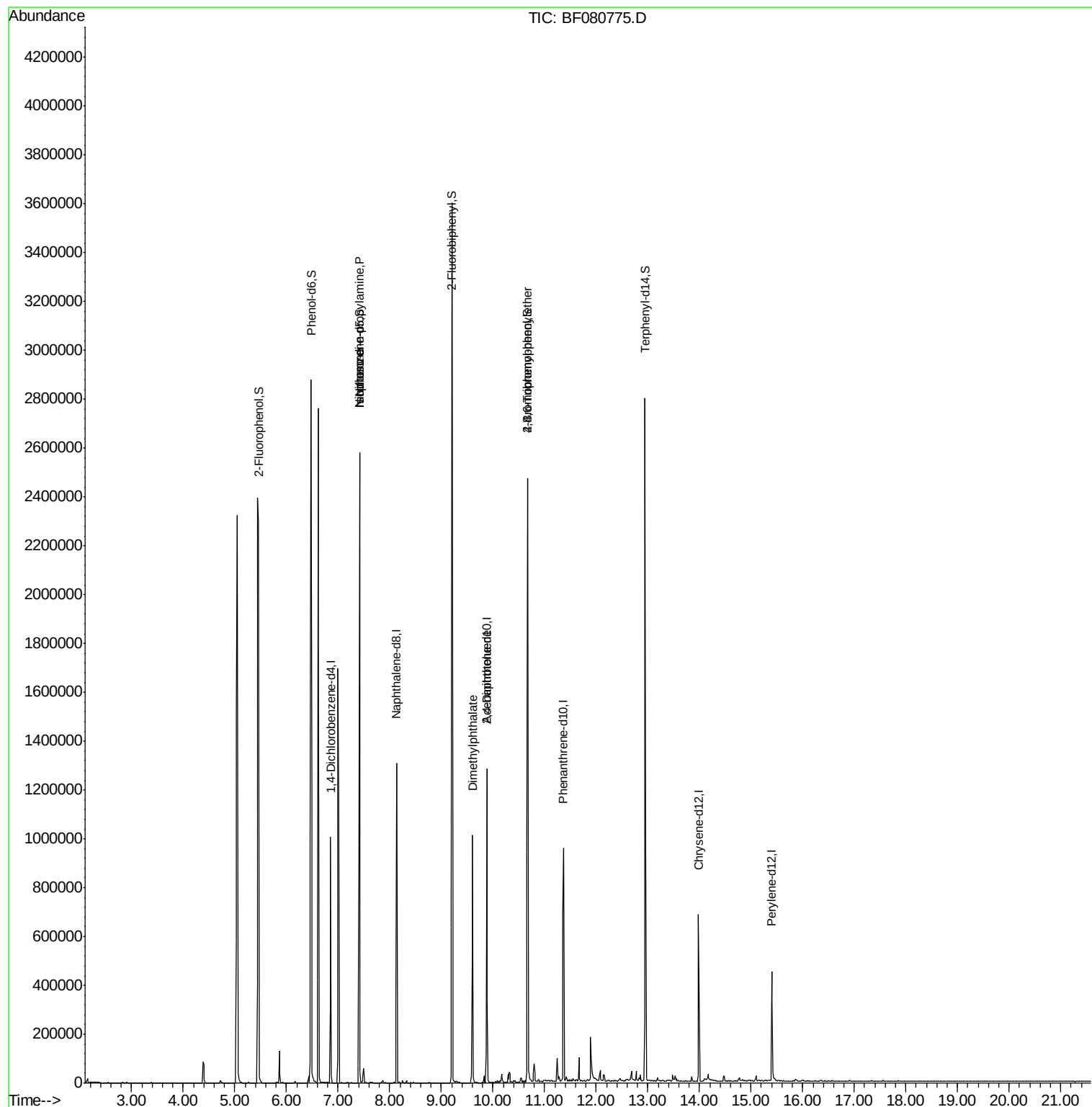
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	140212	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	529856	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	245012	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	448641	20.00	ng	0.00
75) Chrysene-d12	13.99	240	273342	20.00	ng	-0.01
86) Perylene-d12	15.40	264	245098	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	873414	106.86	ng	0.01
7) Phenol-d6	6.48	99	1151612	103.50	ng	-0.01
23) Nitrobenzene-d5	7.41	82	810223	74.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	294785	115.95	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1117946	68.07	ng	-0.01
78) Terphenyl-d14	12.95	244	902449	62.44	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.48	77	1959	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	117577	15.69 ng	#	74
25) Isophorone	7.41	82	791888	40.70 ng	#	71
49) Dimethylphthalate	9.61	163	483269	27.99 ng		98
56) 2,4-Dinitrotoluene	9.88	165	31447	6.54 ng	#	16
66) 4-Bromophenyl-phenylether	10.67	248	19382	4.19 ng	#	1

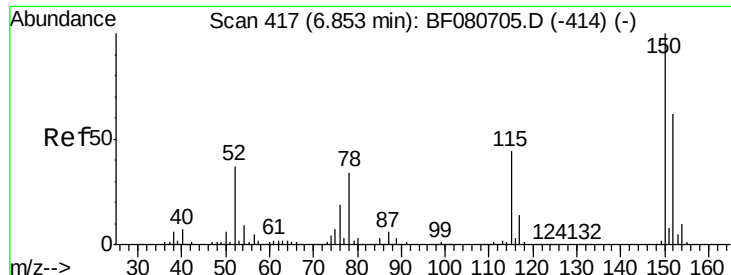
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
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Instrument :
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Quant Time: Aug 03 01:05:04 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF080775.D

Acq: 1 Aug 2015 12:18

Instrument :

BNA_F

ClientSampleId :

EAST-ABUT-3(0-2)

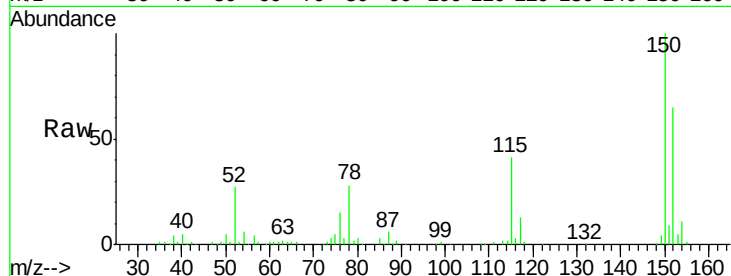
Tgt Ion:152 Resp: 140212

Ion Ratio Lower Upper

152 100

150 154.7 129.6 194.4

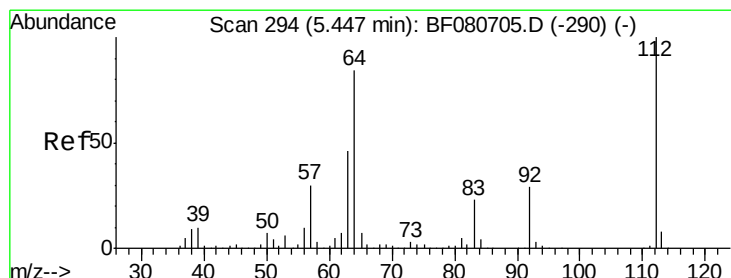
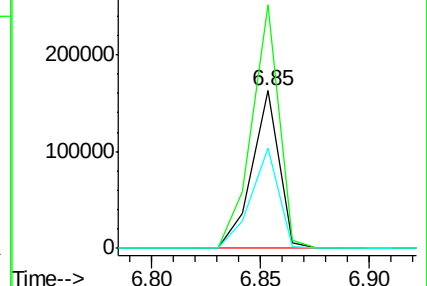
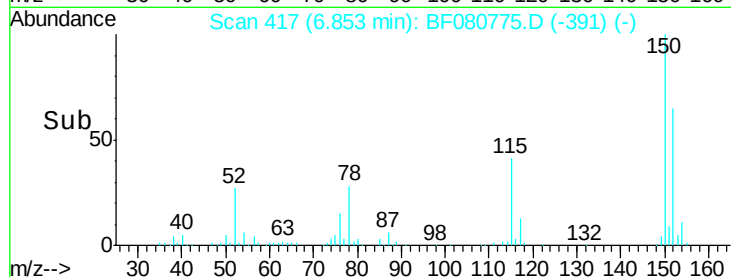
115 63.9 56.6 85.0



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: 106.86 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF080775.D

Acq: 1 Aug 2015 12:18

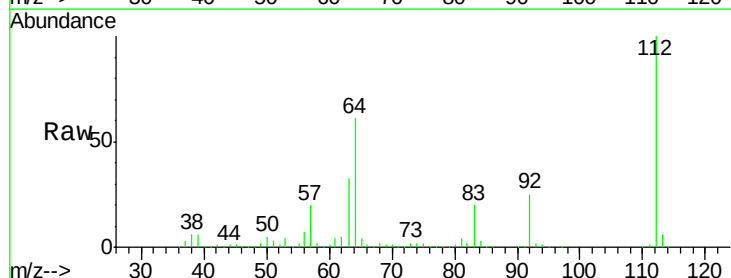
Tgt Ion:112 Resp: 873414

Ion Ratio Lower Upper

112 100

64 60.7 66.8 100.2#

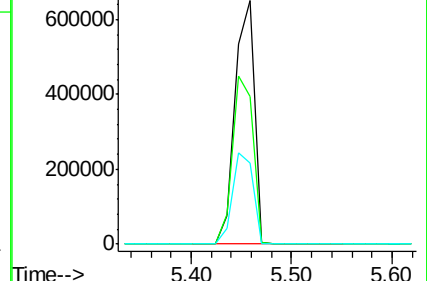
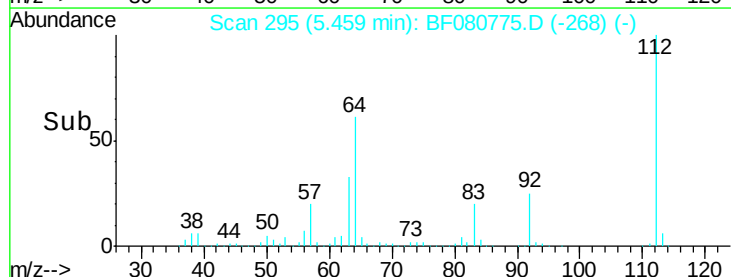
63 33.2 36.7 55.1#

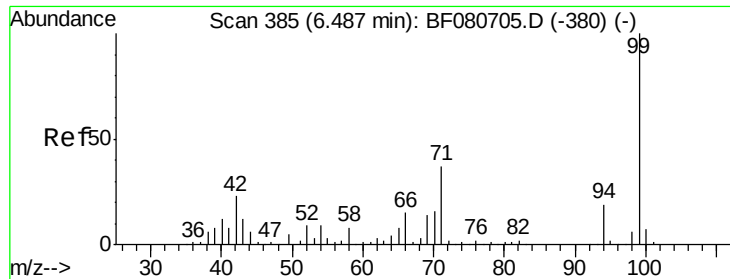


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.50 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF080775.D

Acq: 1 Aug 2015 12:18

Instrument :

BNA_F

ClientSampleId :

EAST-ABUT-3(0-2)

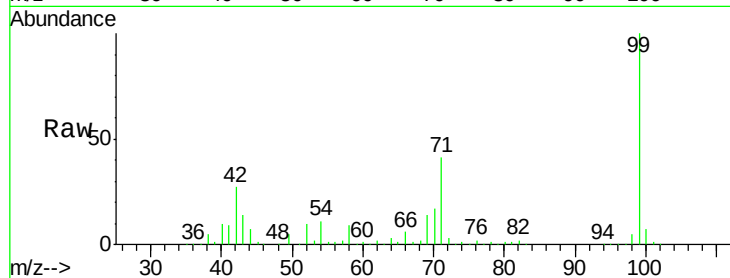
Tgt Ion: 99 Resp: 1151612

Ion Ratio Lower Upper

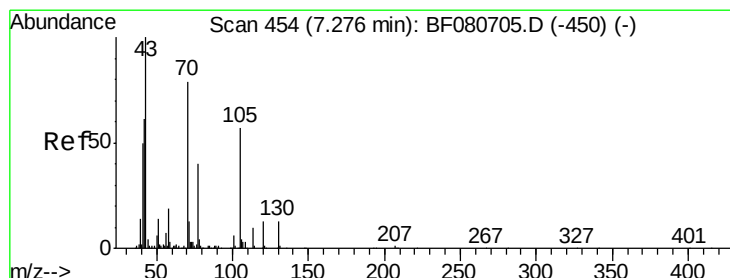
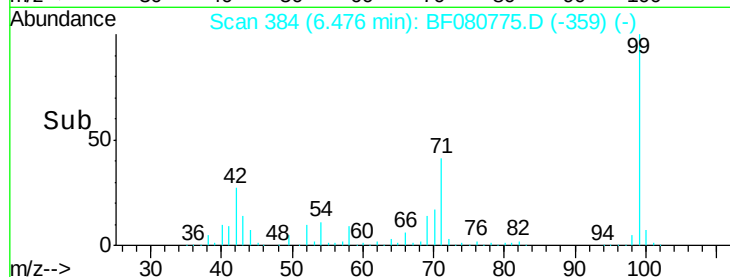
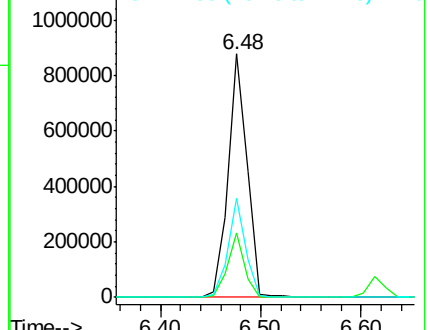
99 100

42 26.6 18.2 27.2

71 40.9 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



#19

n-Nitroso-di-n-propylamine

Concen: 15.69 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF080775.D

Acq: 1 Aug 2015 12:18

Tgt Ion: 70 Resp: 117577

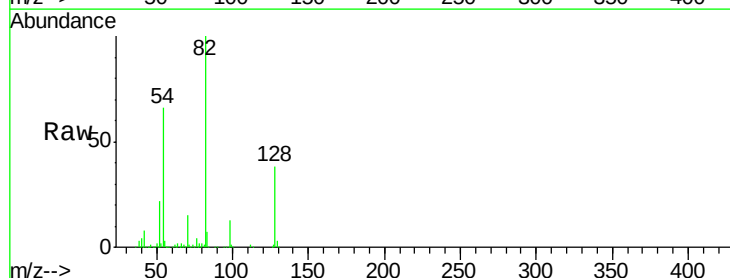
Ion Ratio Lower Upper

70 100

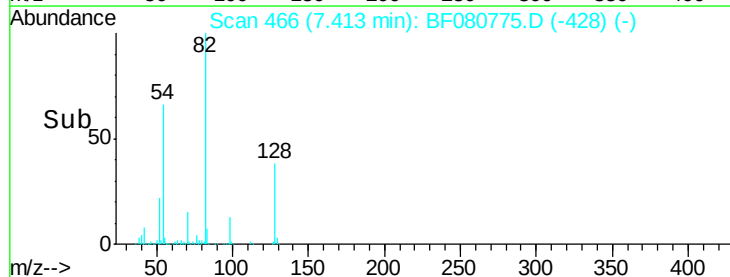
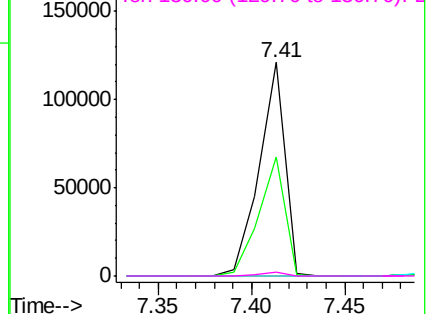
42 55.5 61.8 92.6#

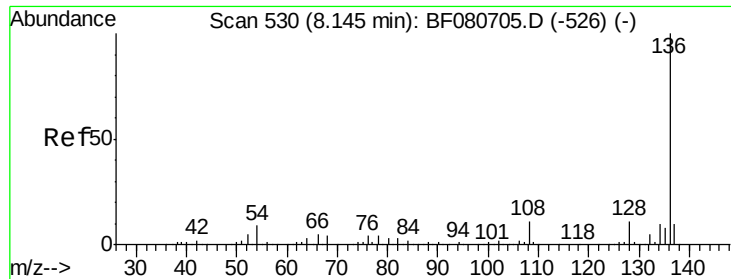
101 0.0 6.1 9.1#

130 1.6 12.9 19.3#



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

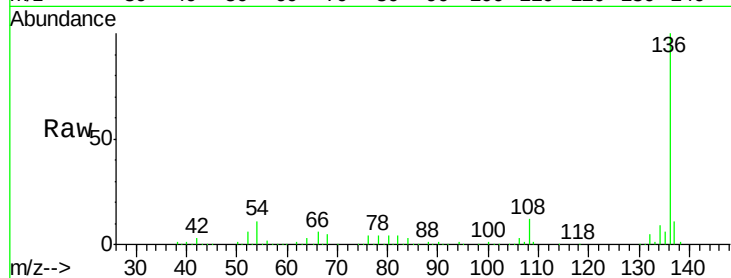




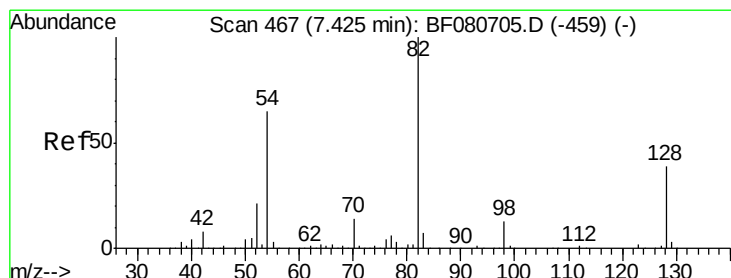
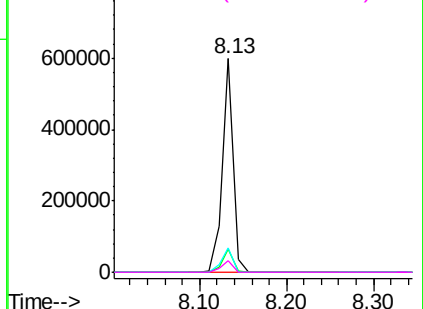
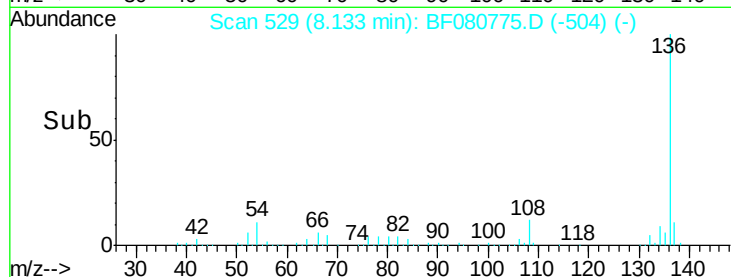
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080775.D
Acq: 1 Aug 2015 12:18

Instrument :
BNA_F
ClientSampleId :
EAST-ABUT-3(0-2)

Tgt Ion:	136	Resp:	529856
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.4	12.6
54	11.2	6.9	10.3#
68	5.3	3.5	5.3#

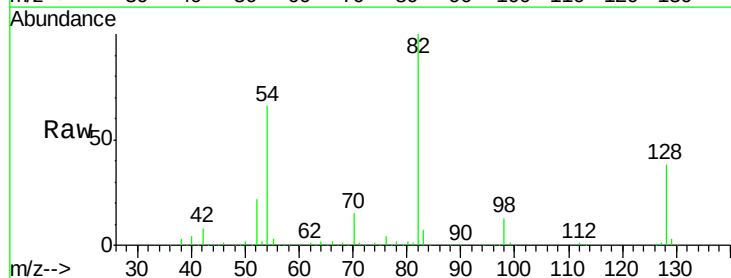


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

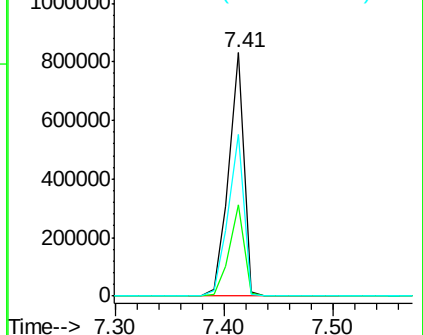
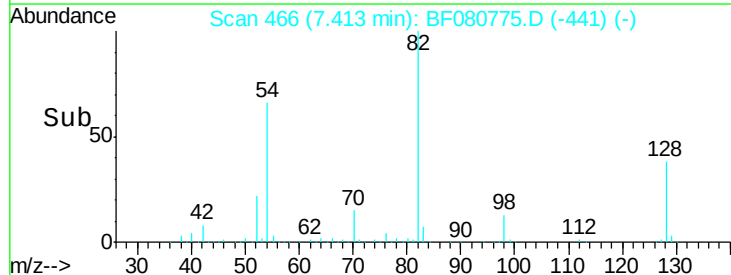


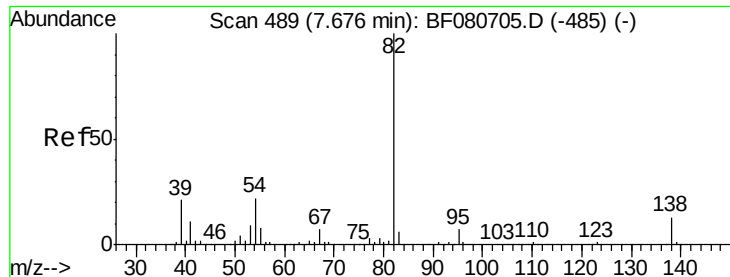
#23
Nitrobenzene-d5
Concen: 74.05 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF080775.D
Acq: 1 Aug 2015 12:18

Tgt Ion:	82	Resp:	810223
Ion Ratio	Lower	Upper	
82	100		
128	37.7	31.5	47.3
54	66.5	51.8	77.8



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





#25

Isophorone

Concen: 40.70 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF080775.D

Acq: 1 Aug 2015 12:18

Instrument :

BNA_F

ClientSampleId :

EAST-ABUT-3(0-2)

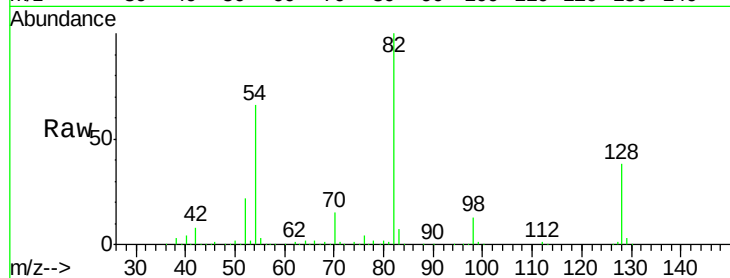
Tgt Ion: 82 Resp: 791888

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

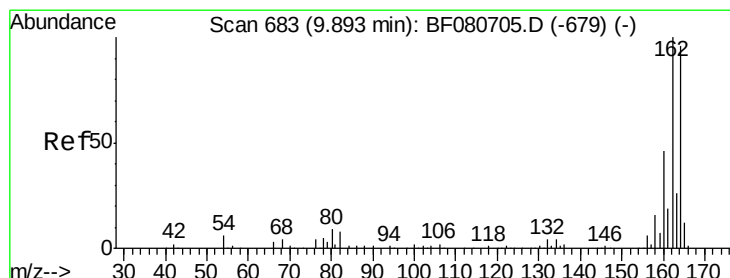
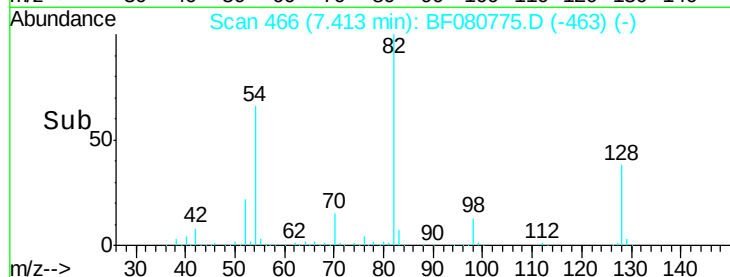
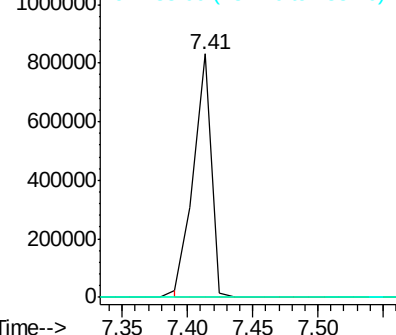
138 0.0 10.7 16.1#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF080775.D

Acq: 1 Aug 2015 12:18

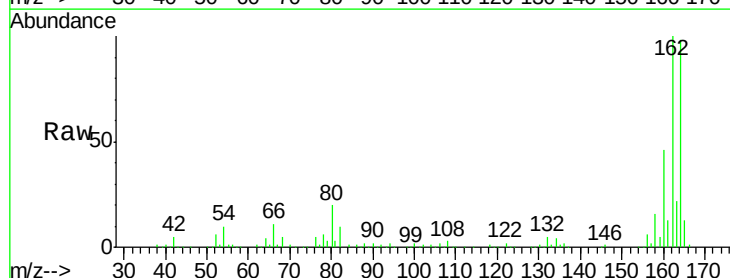
Tgt Ion: 164 Resp: 245012

Ion Ratio Lower Upper

164 100

162 102.2 83.4 125.0

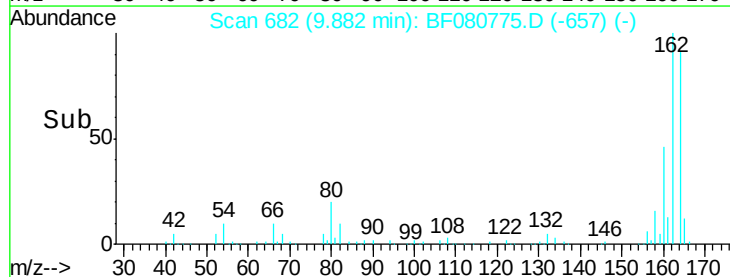
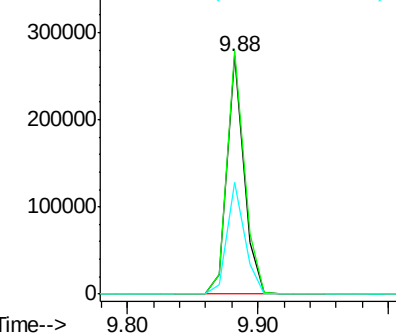
160 47.1 38.0 57.0

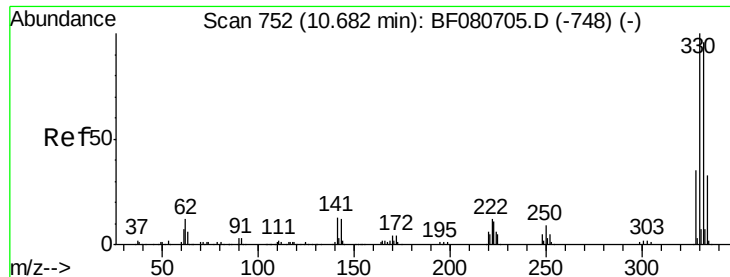


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

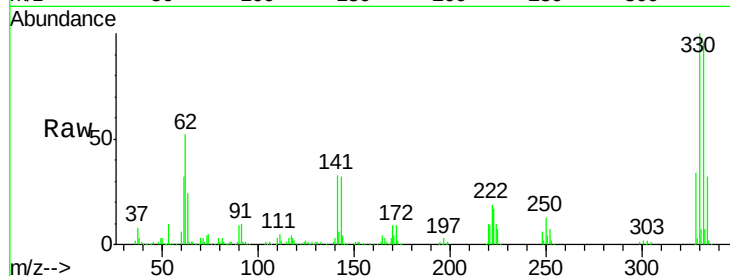




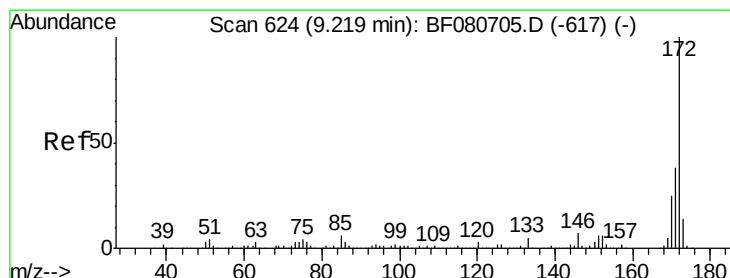
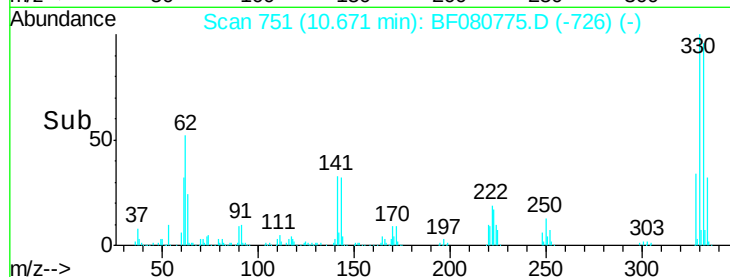
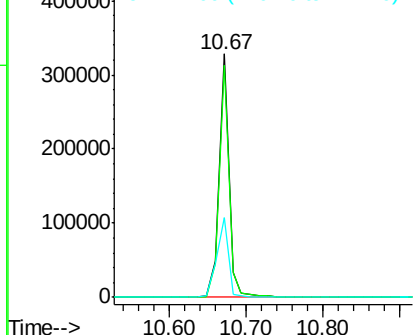
#41
 2,4,6-Tribromophenol
 Concen: 115.95 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080775.D
 Acq: 1 Aug 2015 12:18

Instrument :
 BNA_F
 ClientSampleId :
 EAST-ABUT-3(0-2)

Tgt Ion:330 Resp: 294785
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 114.8
 141 38.4 26.0 39.0

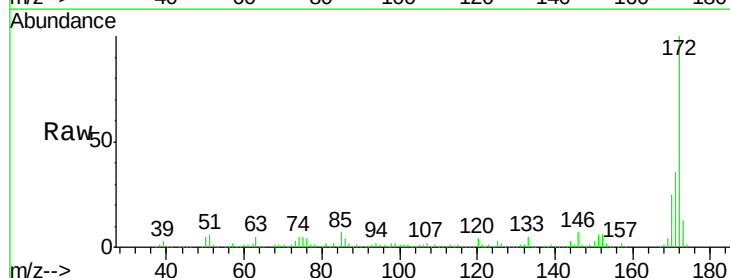


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

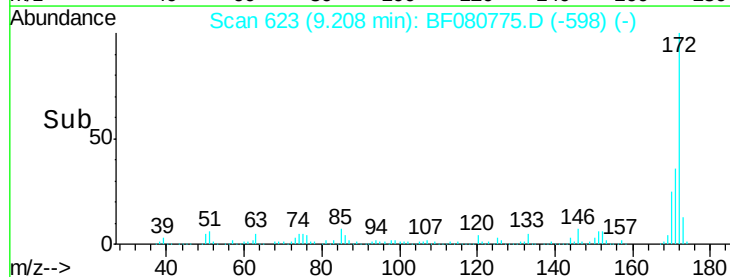
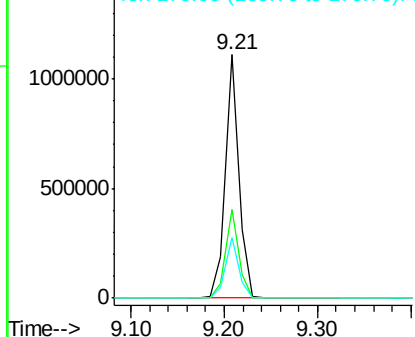


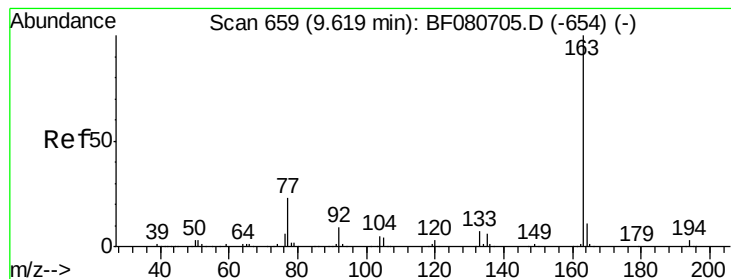
#44
 2-Fluorobiphenyl
 Concen: 68.07 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080775.D
 Acq: 1 Aug 2015 12:18

Tgt Ion:172 Resp: 1117946
 Ion Ratio Lower Upper
 172 100
 171 36.4 30.2 45.4
 170 24.7 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: 27.99 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF080775.D

Acq: 1 Aug 2015 12:18

Instrument :

BNA_F

ClientSampleId :

EAST-ABUT-3(0-2)

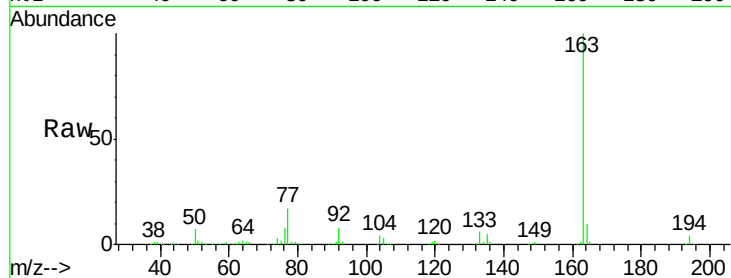
Tgt Ion:163 Resp: 483269

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

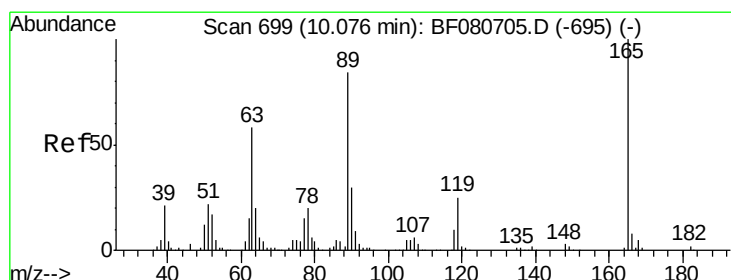
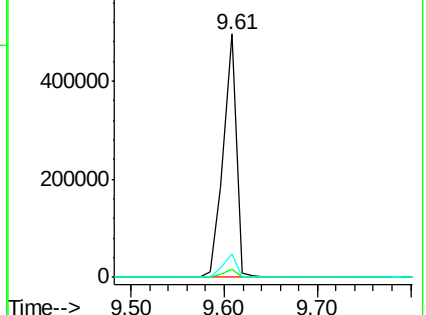
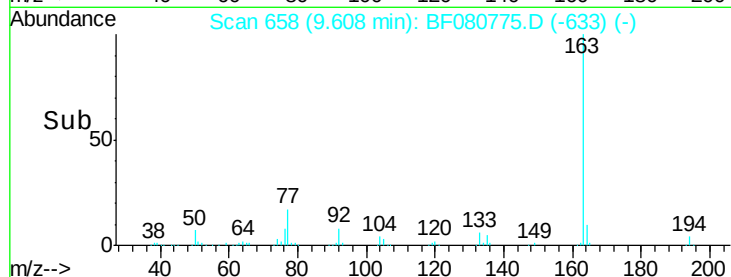
164 9.8 8.7 13.1



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: 6.54 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.19 min

Lab File: BF080775.D

Acq: 1 Aug 2015 12:18

Tgt Ion:165 Resp: 31447

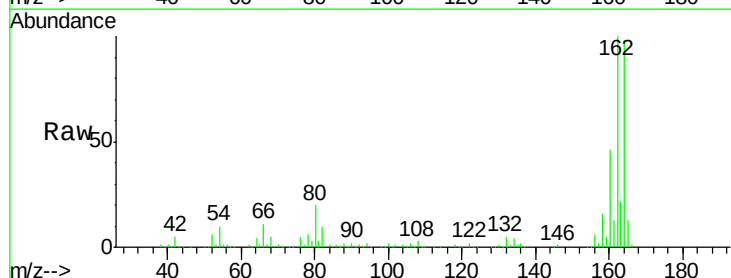
Ion Ratio Lower Upper

165 100

63 2.0 46.7 70.1#

89 1.5 67.4 101.2#

182 0.0 1.8 2.6#

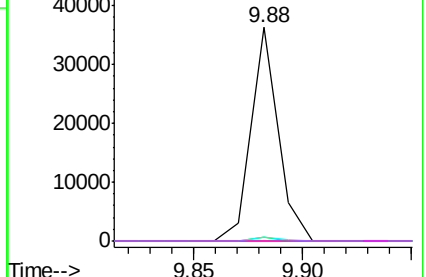
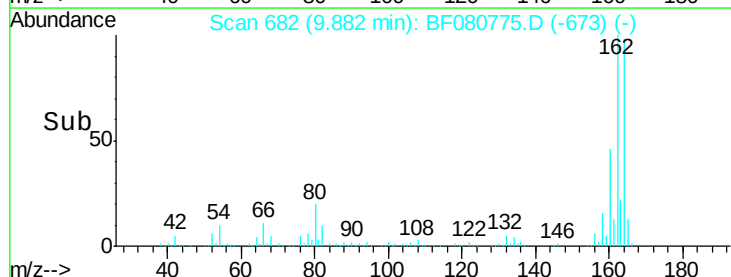


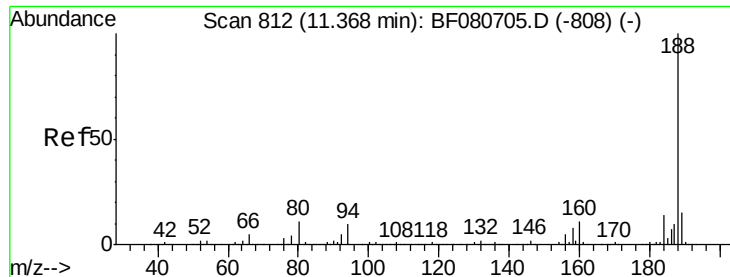
Abundance Ion 165.00 (164.70 to 165.70): E

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

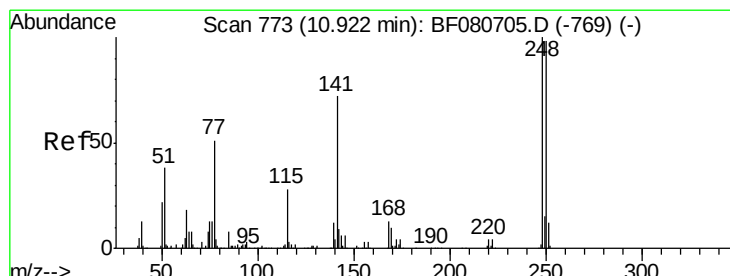
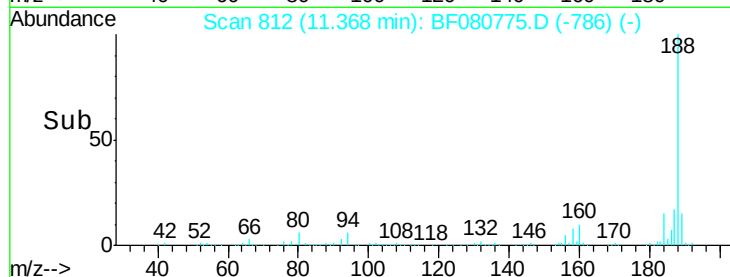
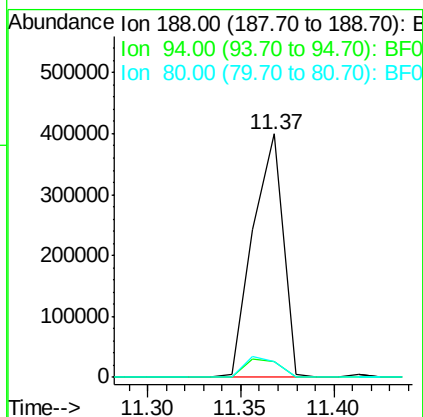
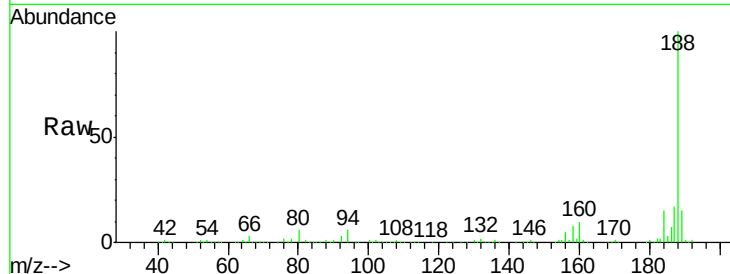




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF080775.D
 Acq: 1 Aug 2015 12:18

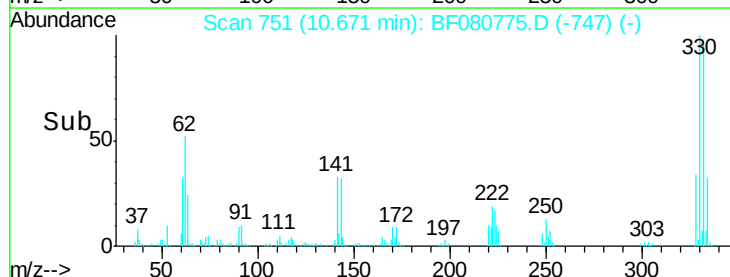
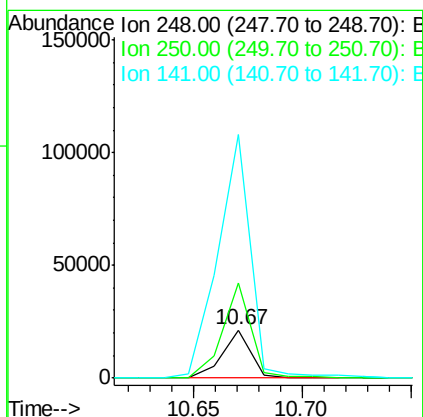
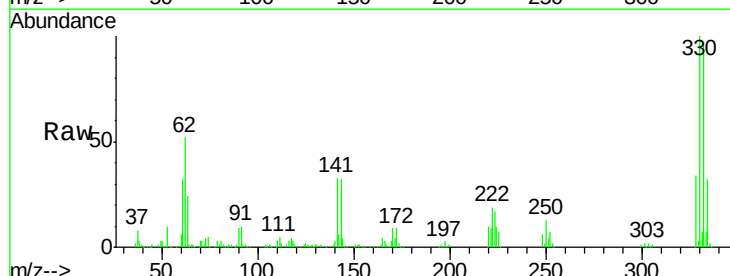
Instrument :
 BNA_F
 ClientSampleId :
 EAST-ABUT-3(0-2)

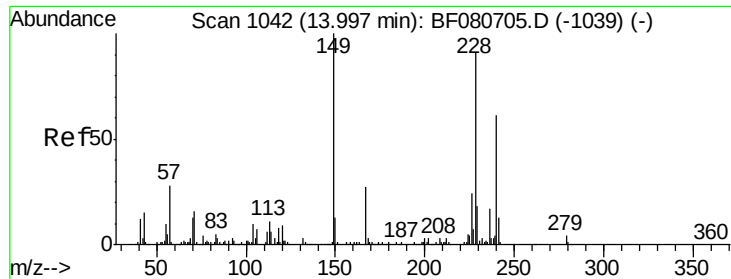
Tgt Ion:188 Resp: 448641
 Ion Ratio Lower Upper
 188 100
 94 6.3 8.1 12.1#
 80 6.4 9.1 13.7#



#66
 4-Bromophenyl-phenylether
 Concen: 4.19 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF080775.D
 Acq: 1 Aug 2015 12:18

Tgt Ion:248 Resp: 19382
 Ion Ratio Lower Upper
 248 100
 250 199.0 78.4 117.6#
 141 506.8 57.5 86.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF080775.D

Acq: 1 Aug 2015 12:18

Instrument :

BNA_F

ClientSampleId :

EAST-ABUT-3(0-2)

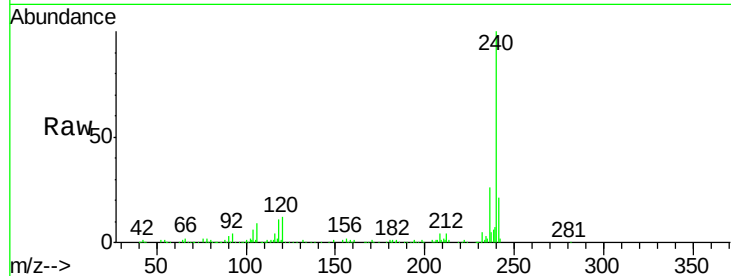
Tgt Ion:240 Resp: 273342

Ion Ratio Lower Upper

240 100

120 11.8 11.8 17.8#

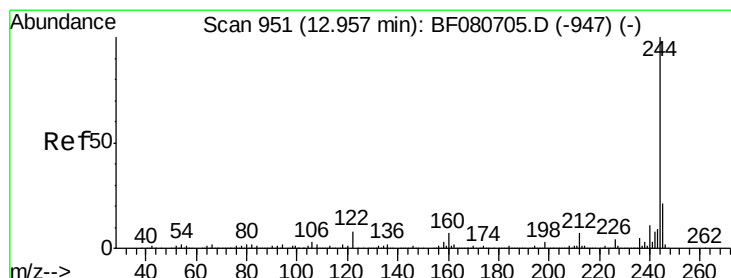
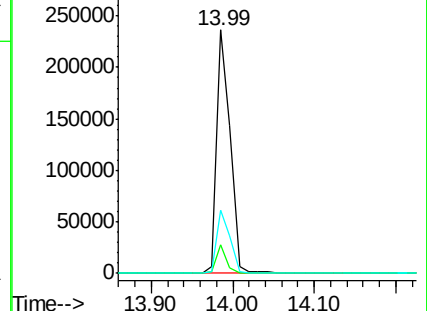
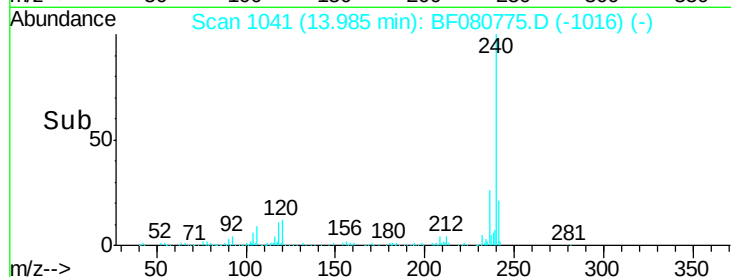
236 25.9 21.8 32.8



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: 62.44 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF080775.D

Acq: 1 Aug 2015 12:18

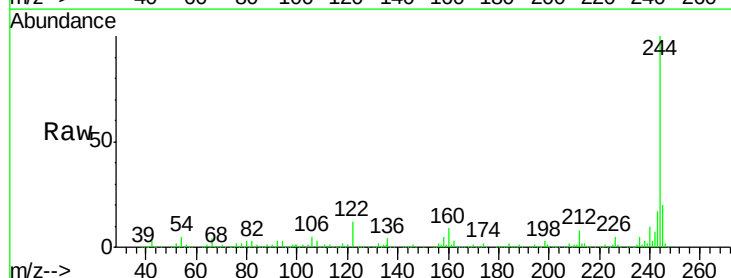
Tgt Ion:244 Resp: 902449

Ion Ratio Lower Upper

244 100

212 8.4 5.9 8.9

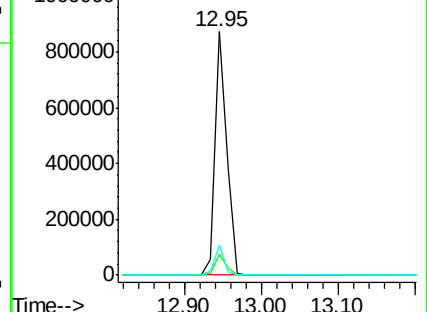
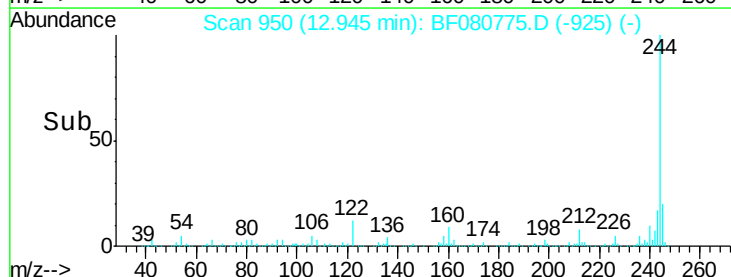
122 12.4 6.6 9.8#

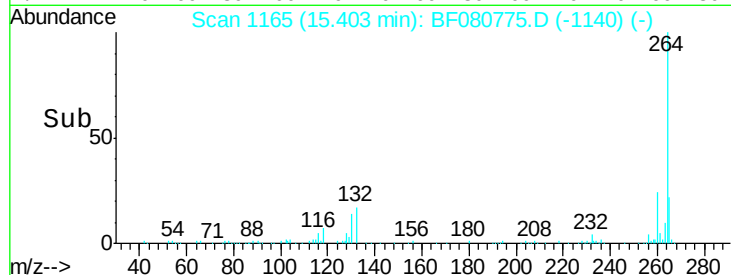
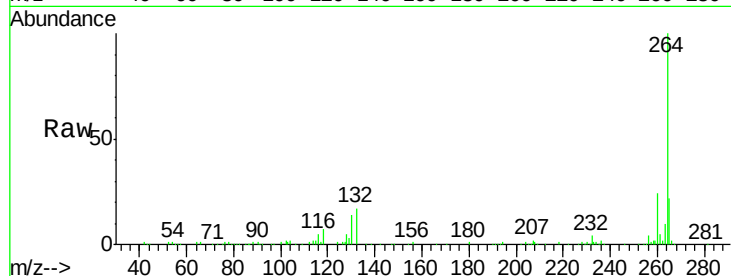
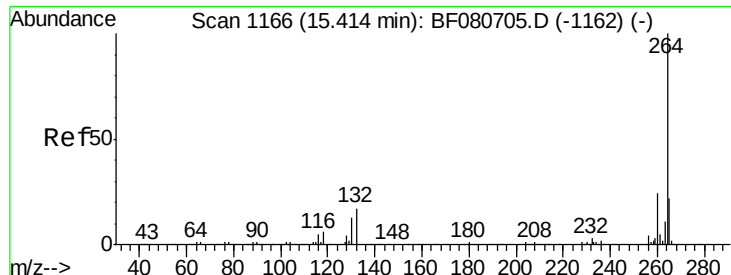


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.40 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF080775.D
Acq: 1 Aug 2015 12:18

Instrument :
BNA_F
ClientSampleId :
EAST-ABUT-3(0-2)

Tgt Ion:	264	Resp:	245098
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.6	17.3	25.9

