

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080115\
 Data File : BF080800.D
 Acq On : 2 Aug 2015 1:12
 Operator : TP/UM
 Sample : G3127-19
 Misc :
 ALS Vial : 86 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EAST-ABUT-1(0-2)

Quant Time: Aug 03 03:52:27 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

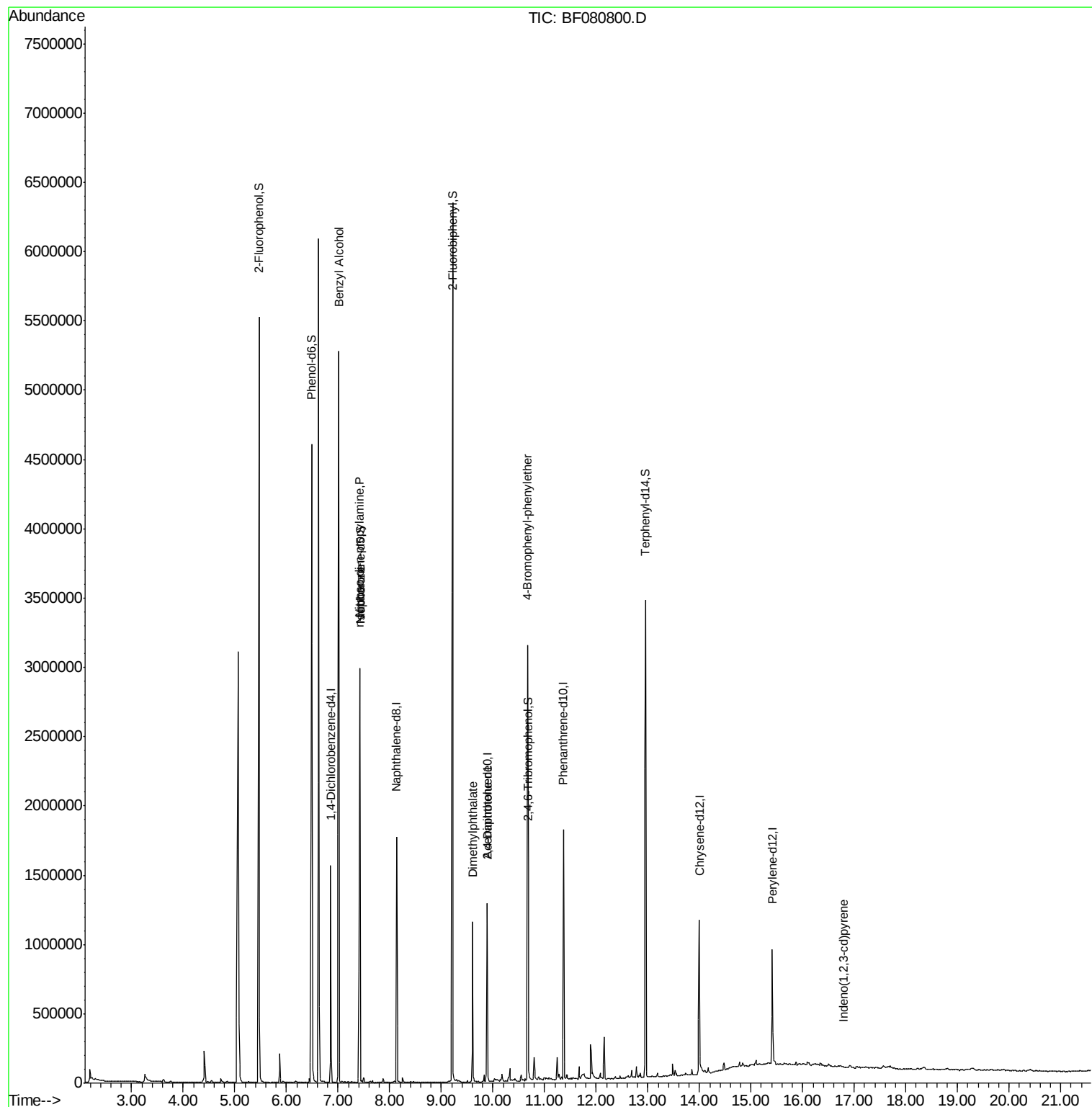
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	196629	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	723964	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	351789	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	601256	20.00	ng	0.00
75) Chrysene-d12	14.00	240	376686	20.00	ng	0.00
86) Perylene-d12	15.41	264	379419	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1485483	129.60	ng	0.02
7) Phenol-d6	6.49	99	2329159	149.26	ng	0.00
23) Nitrobenzene-d5	7.42	82	1551710	103.79	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	467634	128.11	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2333379	98.96	ng	0.00
78) Terphenyl-d14	12.96	244	1365973	68.58	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	3308	Below Cal	#	1
15) Benzyl Alcohol	7.01	79	27385	2.11 ng	#	48
19) n-Nitroso-di-n-propylamine	7.41	70	209458	19.93 ng	#	75
25) Isophorone	7.42	82	1540703	57.95 ng	#	71
49) Dimethylphthalate	9.61	163	439627	17.73 ng		98
56) 2,4-Dinitrotoluene	9.89	165	44579	6.46 ng	#	16
66) 4-Bromophenyl-phenylether	10.67	248	27754	4.47 ng	#	1
85) Indeno(1,2,3-cd)pyrene	16.79	276	572	2.65 ng	#	1

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

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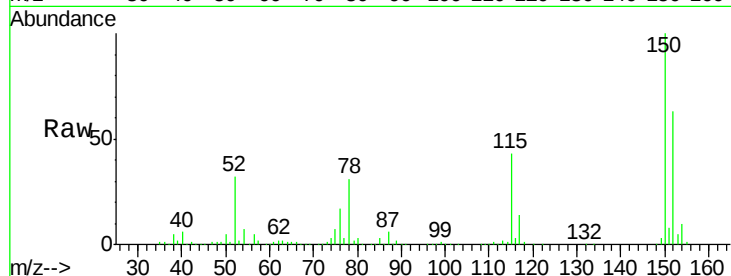


#1

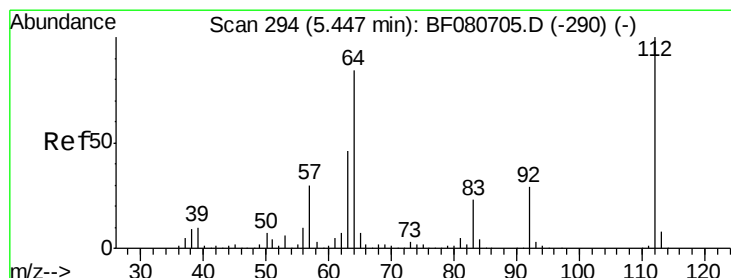
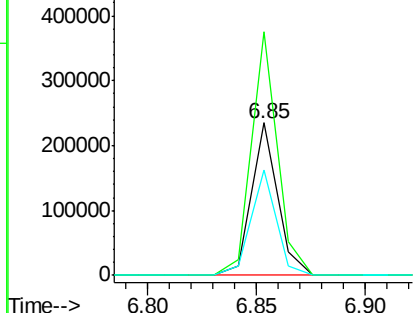
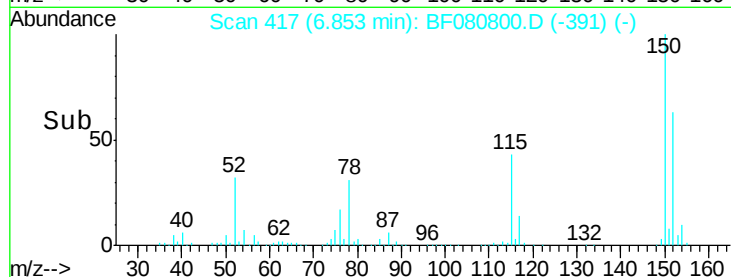
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF080800.D
Acq: 2 Aug 2015 1:12

Instrument :
BNA_F
ClientSampleId :
EAST-ABUT-1(0-2)

Tot Ion:152 Resp: 196629
Ion Ratio Lower Upper
152 100
150 159.5 129.6 194.4
115 69.2 56.6 85.0



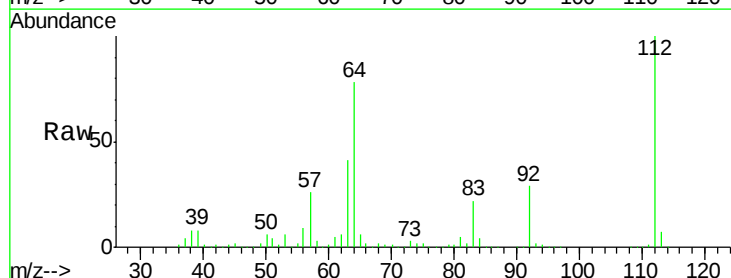
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



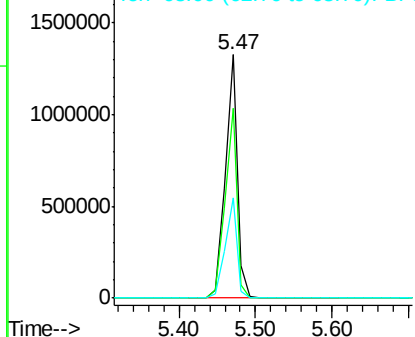
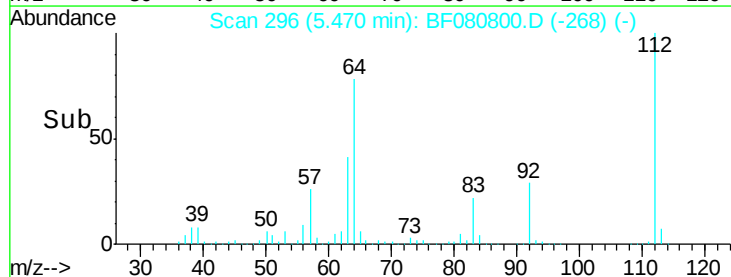
#5

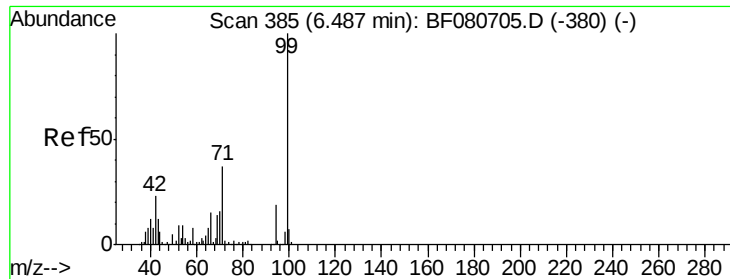
2-Fluorophenol
Concen: 129.60 ng
RT: 5.47 min Scan# 296
Delta R.T. 0.02 min
Lab File: BF080800.D
Acq: 2 Aug 2015 1:12

Tgt Ion:112 Resp: 1485483
Ion Ratio Lower Upper
112 100
64 78.2 66.8 100.2
63 41.4 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: 149.26 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF080800.D

Acq: 2 Aug 2015 1:12

Instrument :

BNA_F

ClientSampleId :

EAST-ABUT-1(0-2)

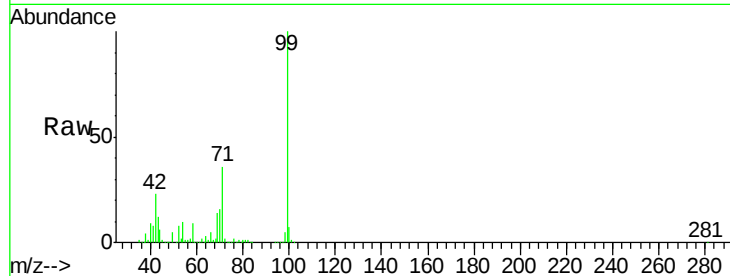
Tot Ion: 99 Resp: 2329159

Ion Ratio Lower Upper

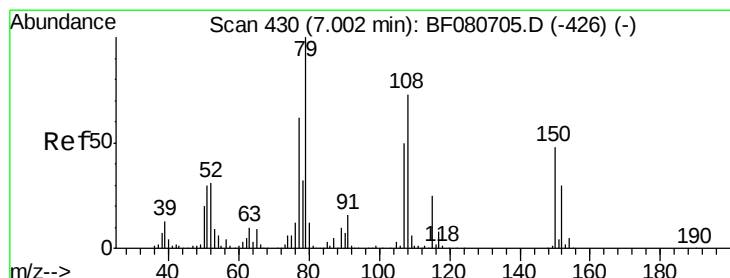
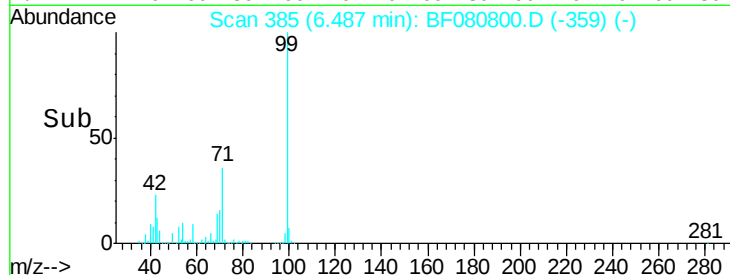
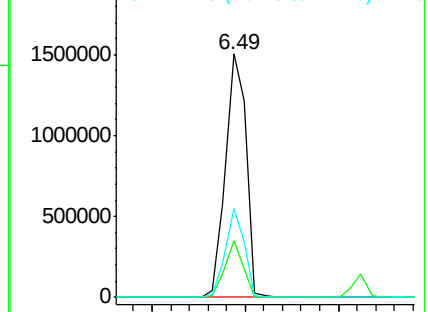
99 100

42 23.1 18.2 27.2

71 36.3 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



#15

Benzyl Alcohol

Concen: 2.11 ng

RT: 7.01 min Scan# 431

Delta R.T. 0.01 min

Lab File: BF080800.D

Acq: 2 Aug 2015 1:12

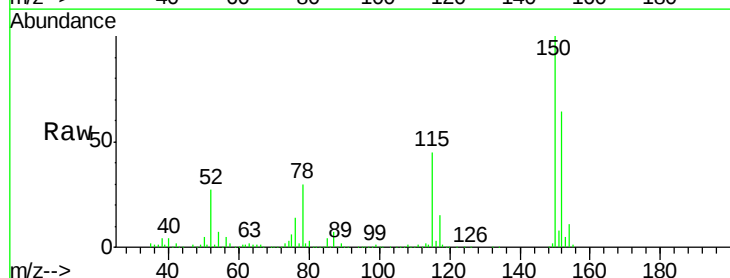
Tgt Ion: 79 Resp: 27385

Ion Ratio Lower Upper

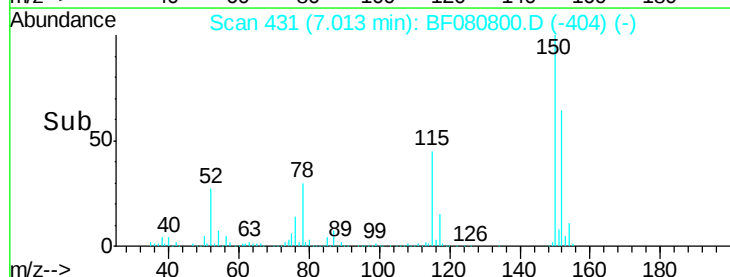
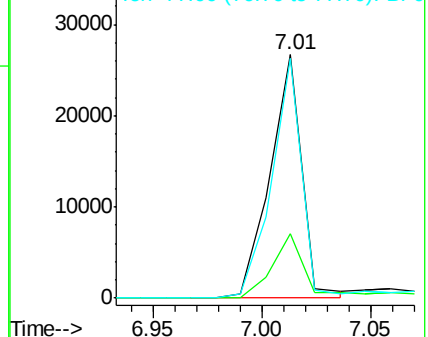
79 100

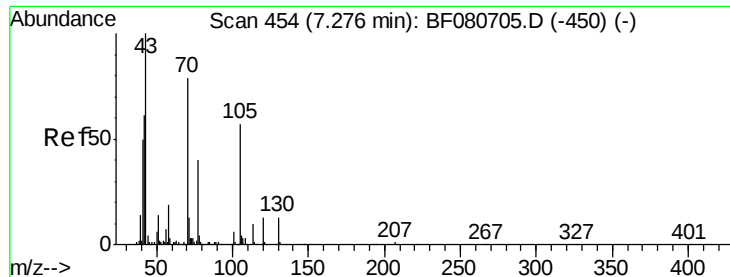
108 26.4 58.7 88.1#

77 98.6 49.8 74.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

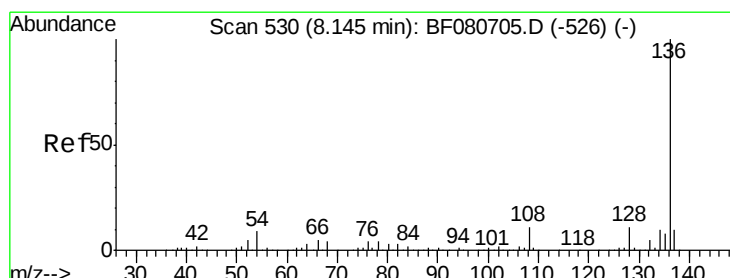
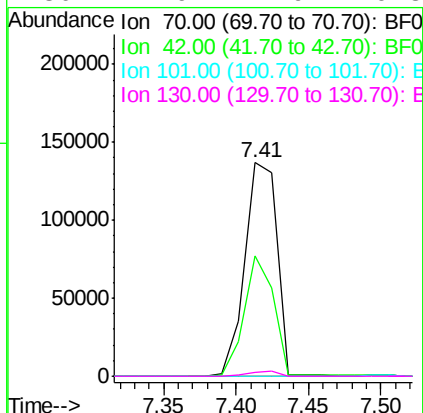
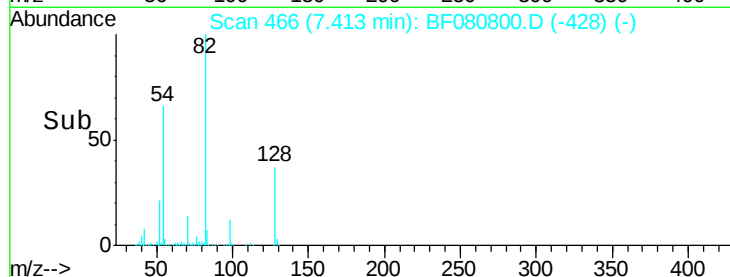
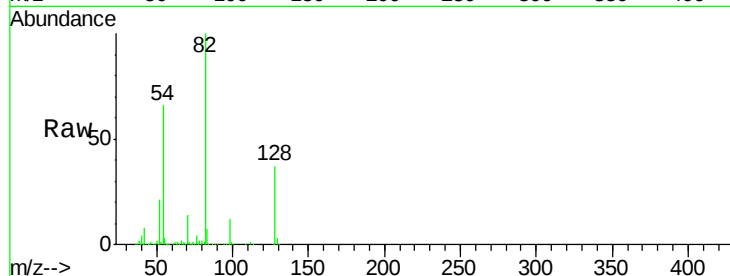




#19
n-Nitroso-di-n-propylamine
Concen: 19.93 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.14 min
Lab File: BF080800.D
Acq: 2 Aug 2015 1:12

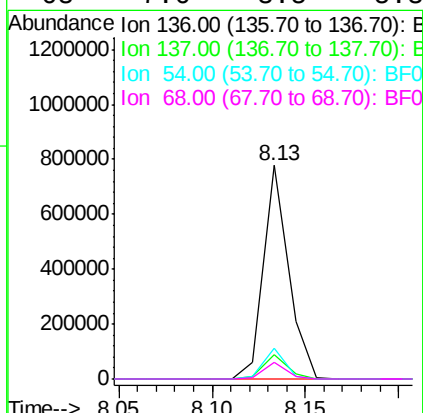
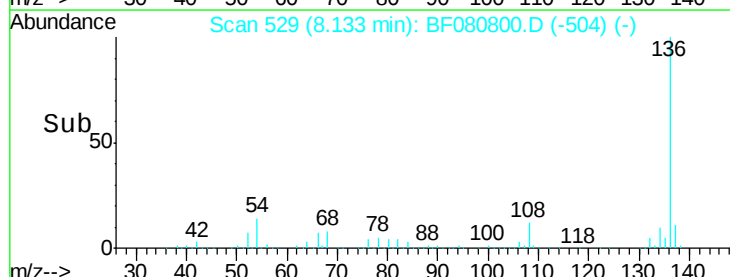
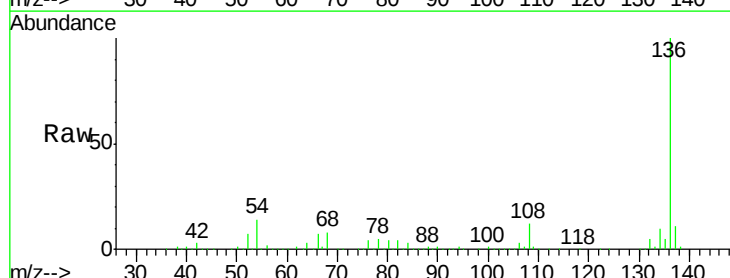
Instrument :
BNA_F
ClientSampleId :
EAST-ABUT-1(0-2)

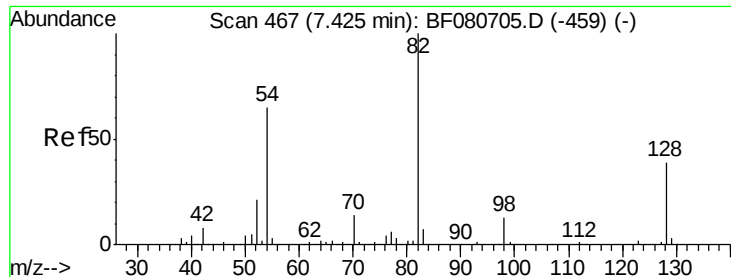
Tot Ion: 70 Resp: 209458
Ion Ratio Lower Upper
70 100
42 56.5 61.8 92.6#
101 0.0 6.1 9.1#
130 1.9 12.9 19.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080800.D
Acq: 2 Aug 2015 1:12

Tgt Ion: 136 Resp: 723964
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 14.4 6.9 10.3#
68 7.6 3.5 5.3#

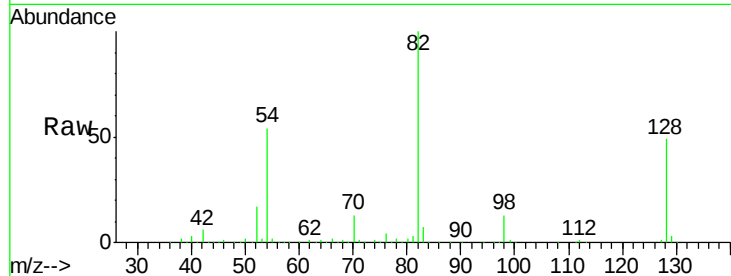




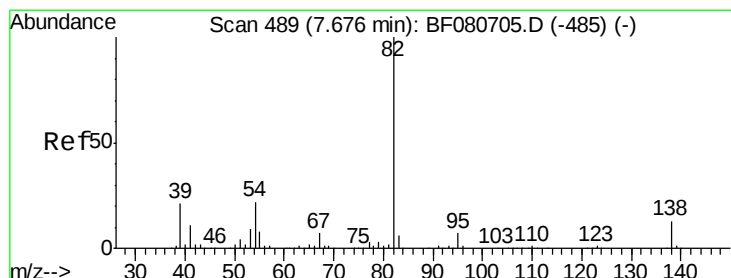
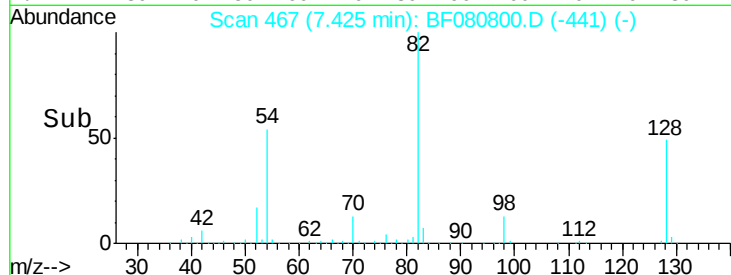
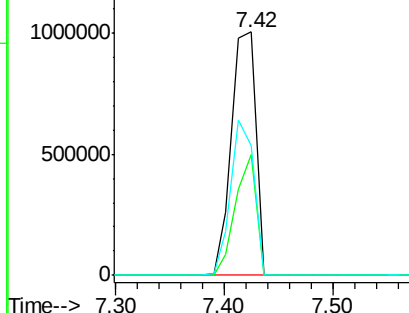
#23
 Nitrobenzene-d5
 Concen: 103.79 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF080800.D
 Acq: 2 Aug 2015 1:12

Instrument :
 BNA_F
 ClientSampleId :
 EAST-ABUT-1(0-2)

Tot Ion: 82 Resp: 1551710
 Ion Ratio Lower Upper
 82 100
 128 49.5 31.5 47.3#
 54 53.5 51.8 77.8

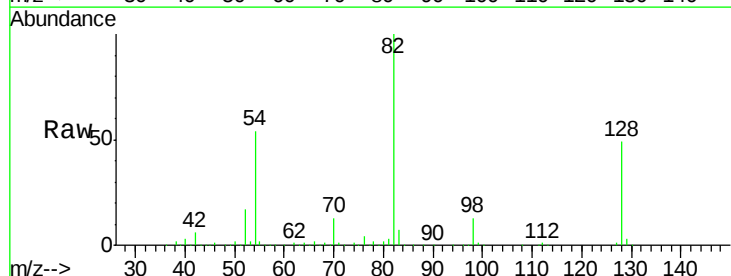


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

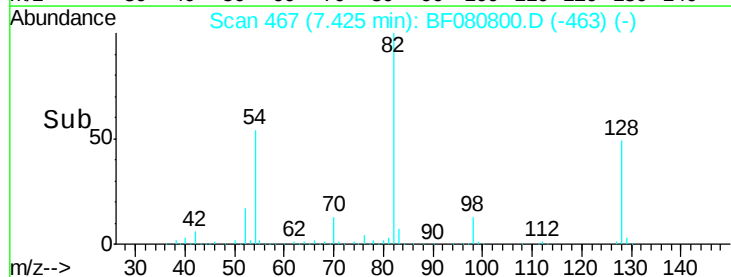
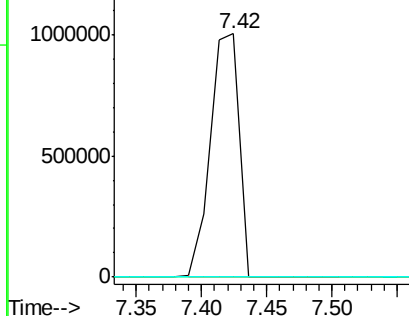


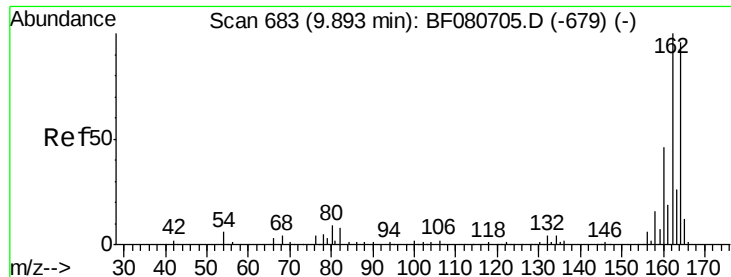
#25
 Isophorone
 Concen: 57.95 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.25 min
 Lab File: BF080800.D
 Acq: 2 Aug 2015 1:12

Tgt Ion: 82 Resp: 1540703
 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): BF0

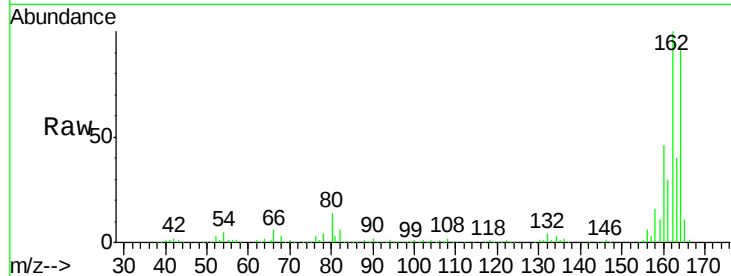




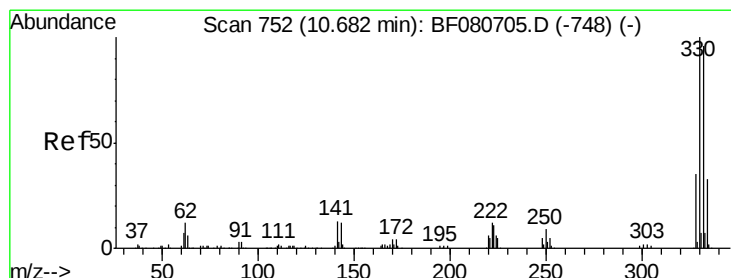
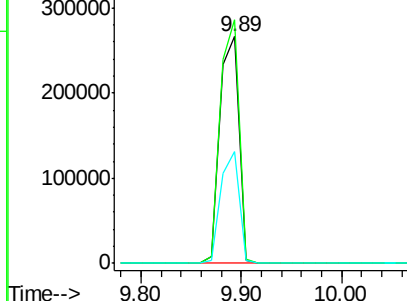
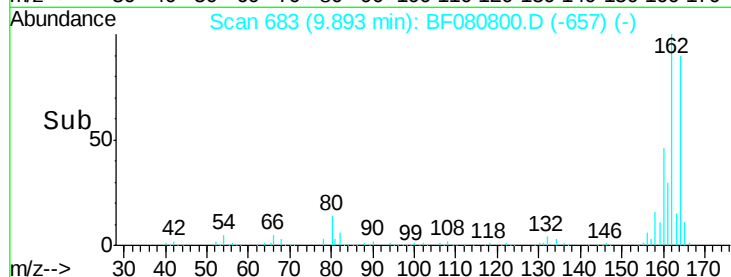
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF080800.D
 Acq: 2 Aug 2015 1:12

Instrument :
 BNA_F
 ClientSampleId :
 EAST-ABUT-1(0-2)

Tot Ion:164 Resp: 351789
 Ion Ratio Lower Upper
 164 100
 162 107.6 83.4 125.0
 160 49.2 38.0 57.0

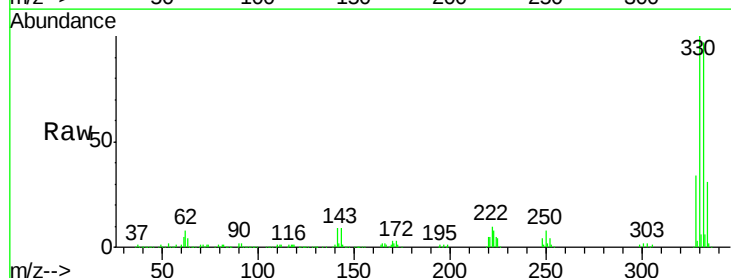


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

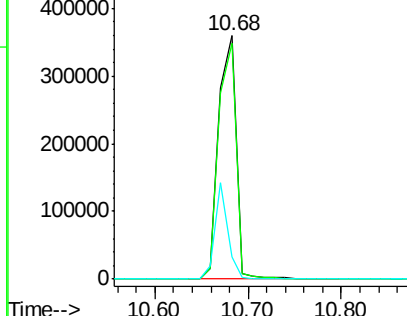
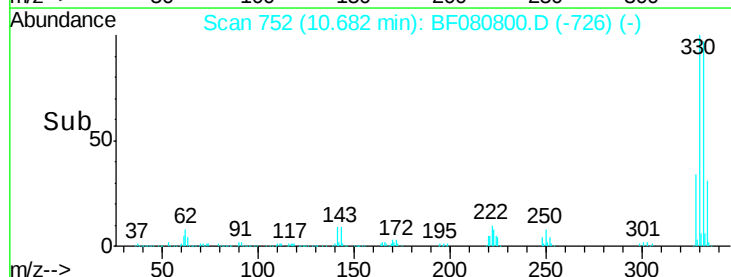


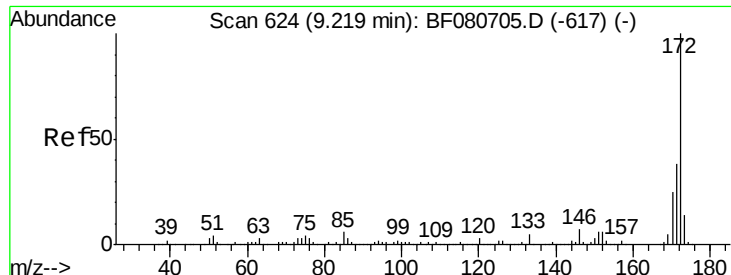
#41
 2,4,6-Tribromophenol
 Concen: 128.11 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF080800.D
 Acq: 2 Aug 2015 1:12

Tgt Ion:330 Resp: 467634
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 114.8
 141 29.7 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

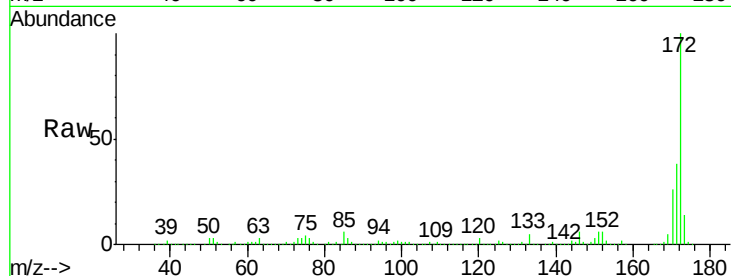




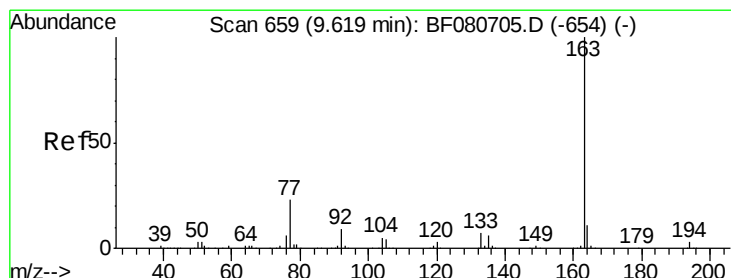
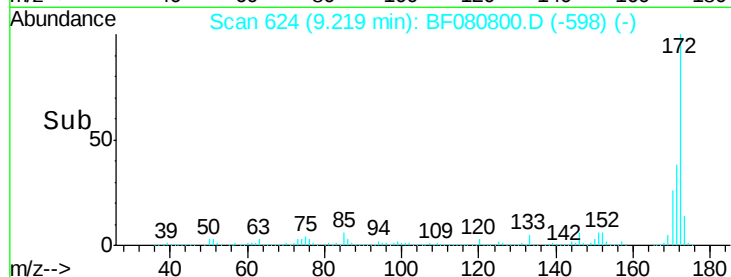
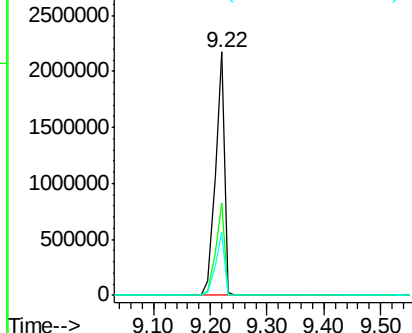
#44
2-Fluorobiphenyl
Concen: 98.96 ng
RT: 9.22 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF080800.D
Acq: 2 Aug 2015 1:12

Instrument :
BNA_F
ClientSampleId :
EAST-ABUT-1(0-2)

Tot Ion:172 Resp: 2333379
Ion Ratio Lower Upper
172 100
171 38.1 30.2 45.4
170 25.9 20.2 30.2

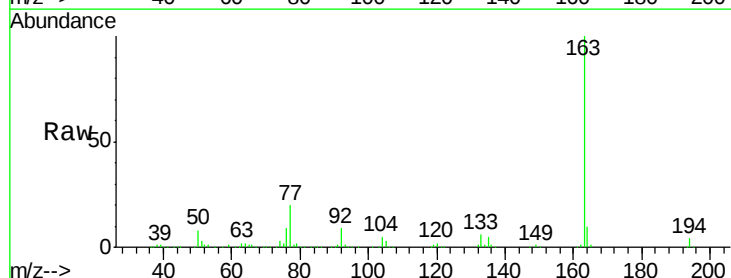


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

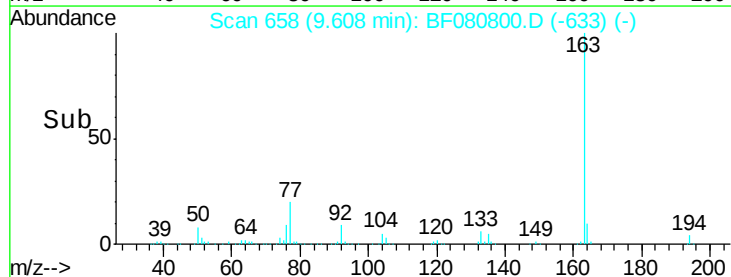
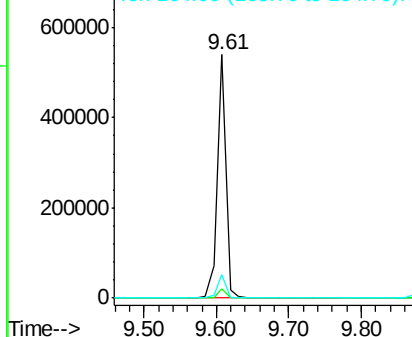


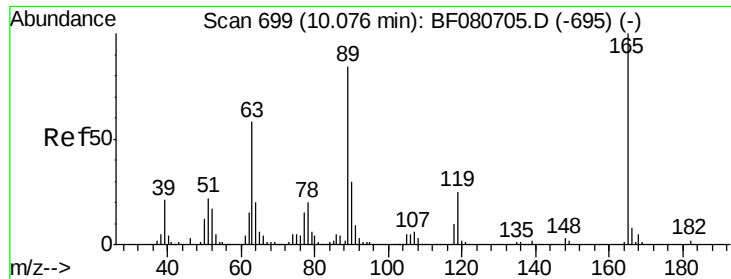
#49
Dimethylphthalate
Concen: 17.73 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF080800.D
Acq: 2 Aug 2015 1:12

Tgt Ion:163 Resp: 439627
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.9 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

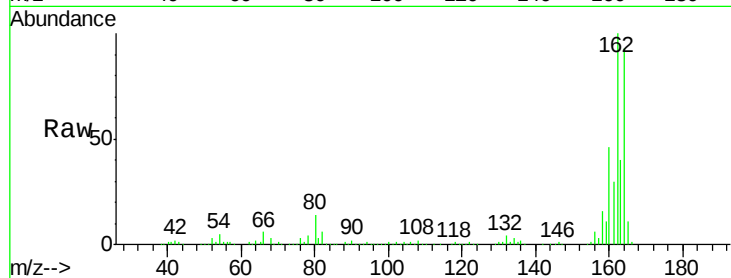




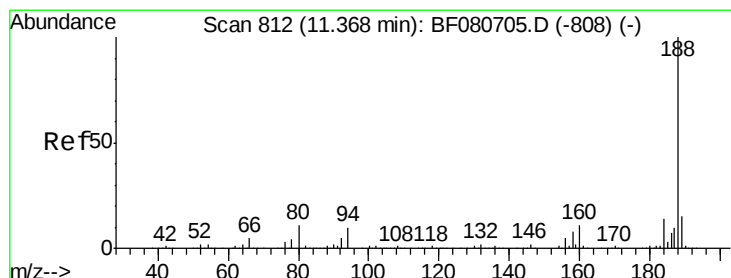
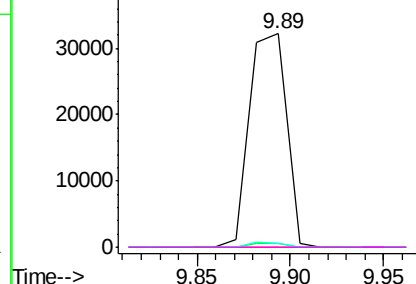
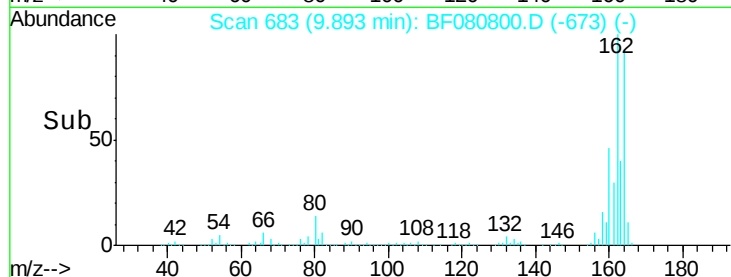
#56
 2,4-Dinitrotoluene
 Concen: 6.46 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.18 min
 Lab File: BF080800.D
 Acq: 2 Aug 2015 1:12

Instrument :
 BNA_F
 ClientSampleId :
 EAST-ABUT-1(0-2)

Tot Ion:165 Resp: 44579
 Ion Ratio Lower Upper
 165 100
 63 1.9 46.7 70.1#
 89 1.7 67.4 101.2#
 182 0.0 1.8 2.6#

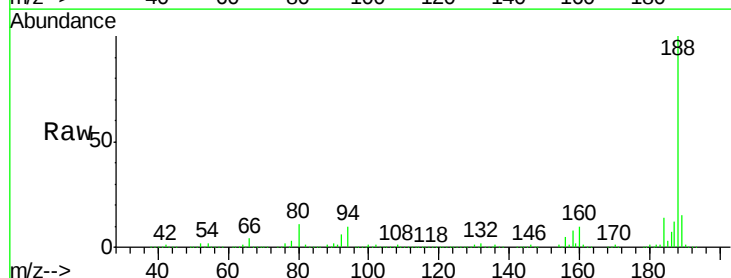


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

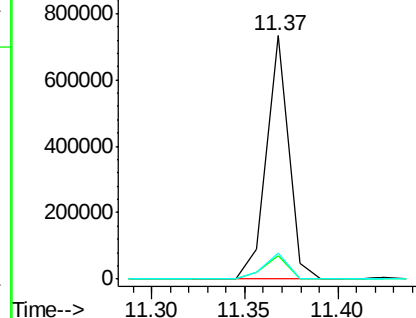
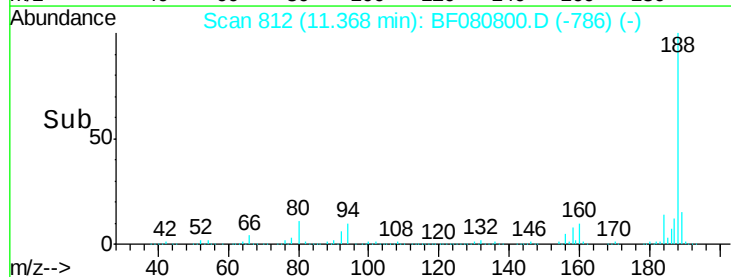


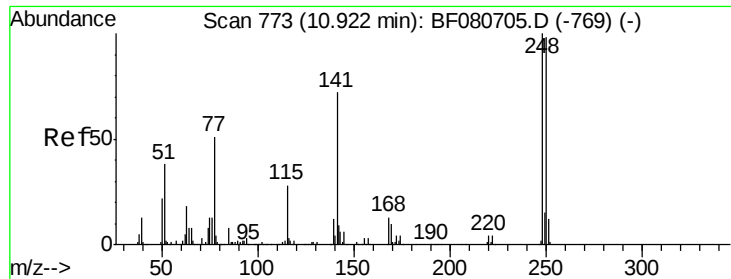
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF080800.D
 Acq: 2 Aug 2015 1:12

Tgt Ion:188 Resp: 601256
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.1 12.1
 80 10.5 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: 4.47 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.25 min

Lab File: BF080800.D

Acq: 2 Aug 2015 1:12

Instrument :

BNA_F

ClientSampleId :

EAST-ABUT-1(0-2)

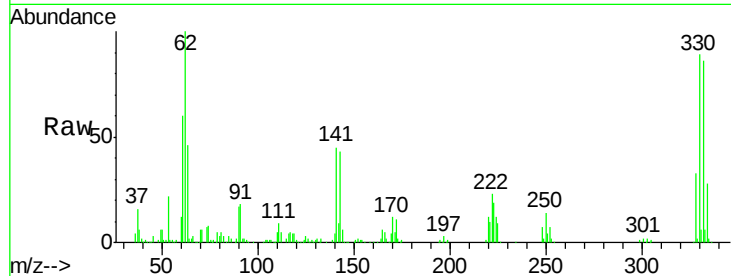
Tot Ion:248 Resp: 27754

Ion Ratio Lower Upper

248 100

250 195.6 78.4 117.6#

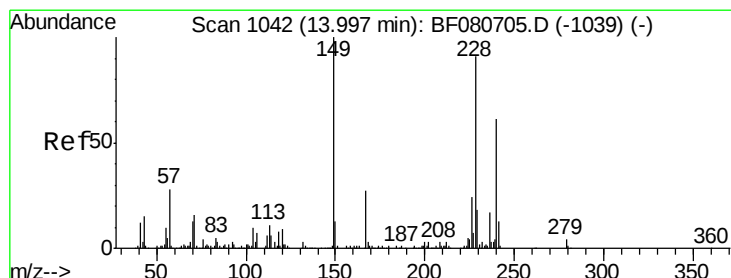
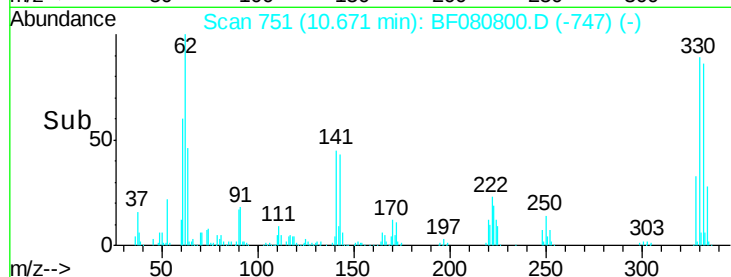
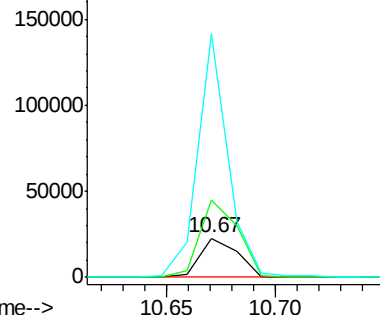
141 619.5 57.5 86.3#



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: 14.00 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF080800.D

Acq: 2 Aug 2015 1:12

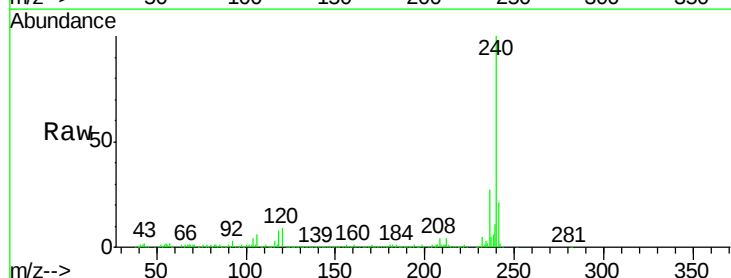
Tgt Ion:240 Resp: 376686

Ion Ratio Lower Upper

240 100

120 9.0 11.8 17.8#

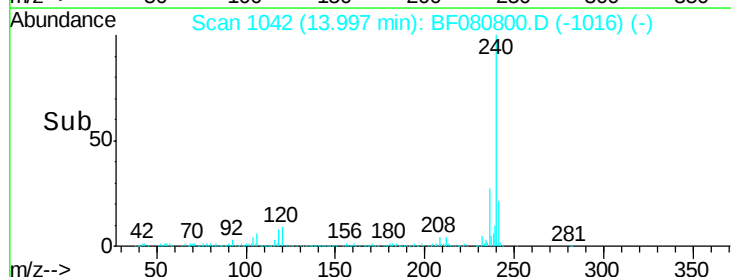
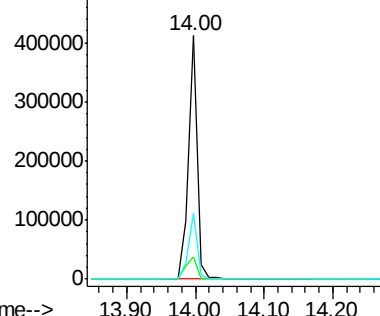
236 26.8 21.8 32.8

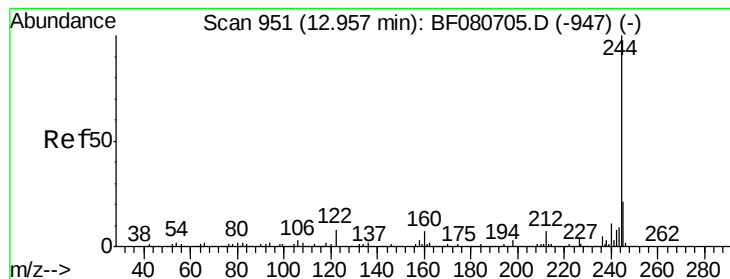


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 68.58 ng

RT: 12.96 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF080800.D

Acq: 2 Aug 2015 1:12

Instrument :

BNA_F

ClientSampleId :

EAST-ABUT-1(0-2)

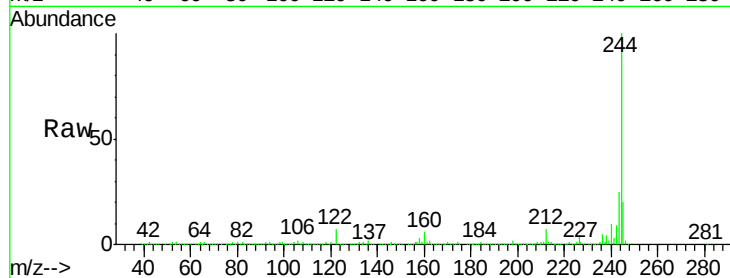
Tot Ion:244 Resp: 1365973

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

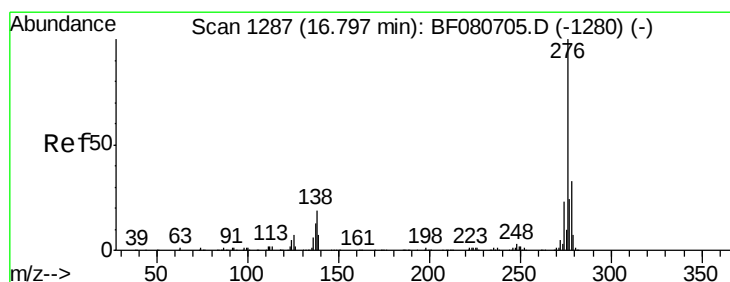
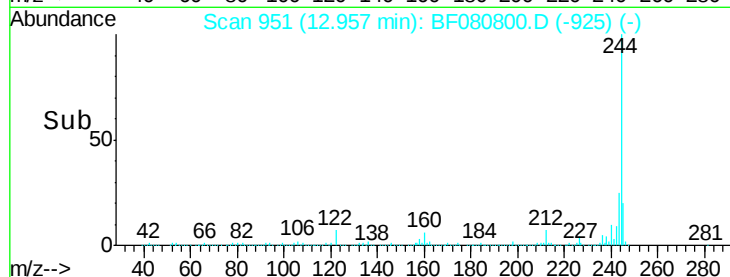
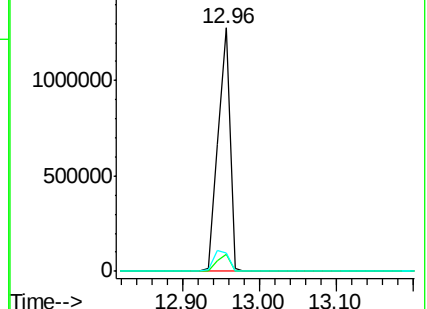
122 7.3 6.6 9.8



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.65 ng

RT: 16.79 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF080800.D

Acq: 2 Aug 2015 1:12

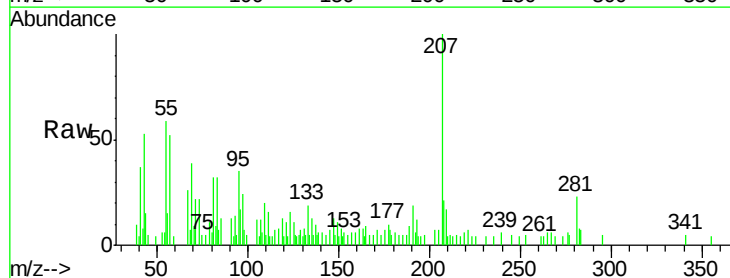
Tgt Ion:276 Resp: 572

Ion Ratio Lower Upper

276 100

138 86.4 13.2 19.8#

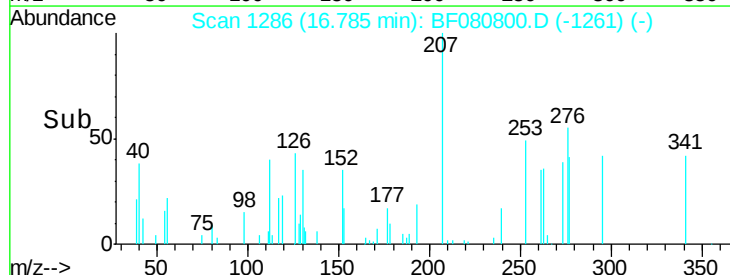
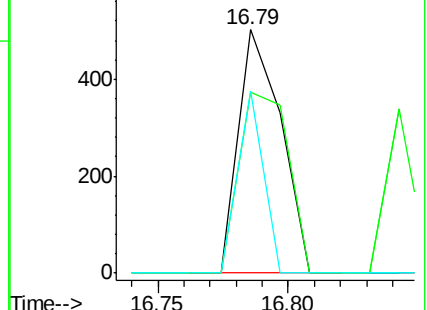
277 44.9 15.4 23.2#

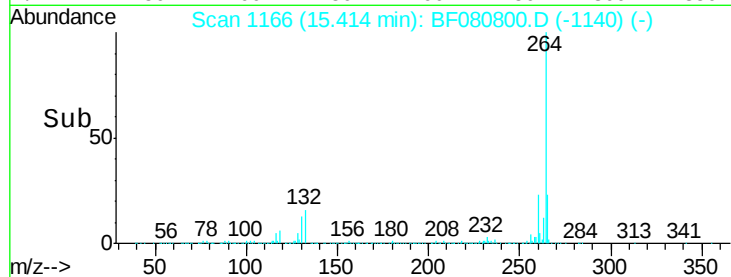
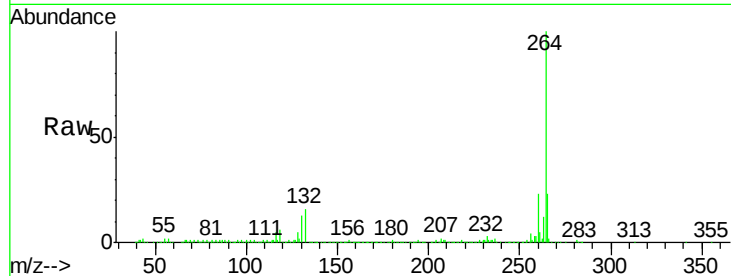
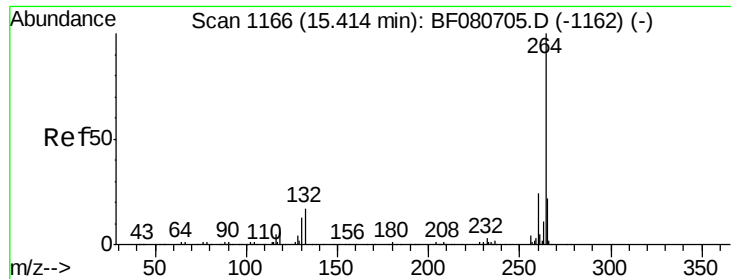


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.41 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF080800.D

Acq: 2 Aug 2015 1:12

Instrument :

BNA_F

ClientSampleId :

EAST-ABUT-1(0-2)

Tot Ion: 264 Resp: 379419

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.0

265 22.8 17.3 25.9

