

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
 Data File : BF080724.D
 Acq On : 31 Jul 2015 9:19
 Operator : TP/UM
 Sample : G3114-01RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE14-5(0-2)

Quant Time: Aug 01 00:14:15 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	175869	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	628290	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	295763	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	559400	20.00	ng	0.00
75) Chrysene-d12	14.00	240	364509	20.00	ng	0.00
86) Perylene-d12	15.41	264	290625	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	580542	56.63	ng	0.00
7) Phenol-d6	6.48	99	576169	41.28	ng	-0.01
23) Nitrobenzene-d5	7.41	82	1123269	86.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	496887	161.91	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2071013	104.47	ng	0.00
78) Terphenyl-d14	12.96	244	1694171	87.90	ng	0.00

Target Compounds

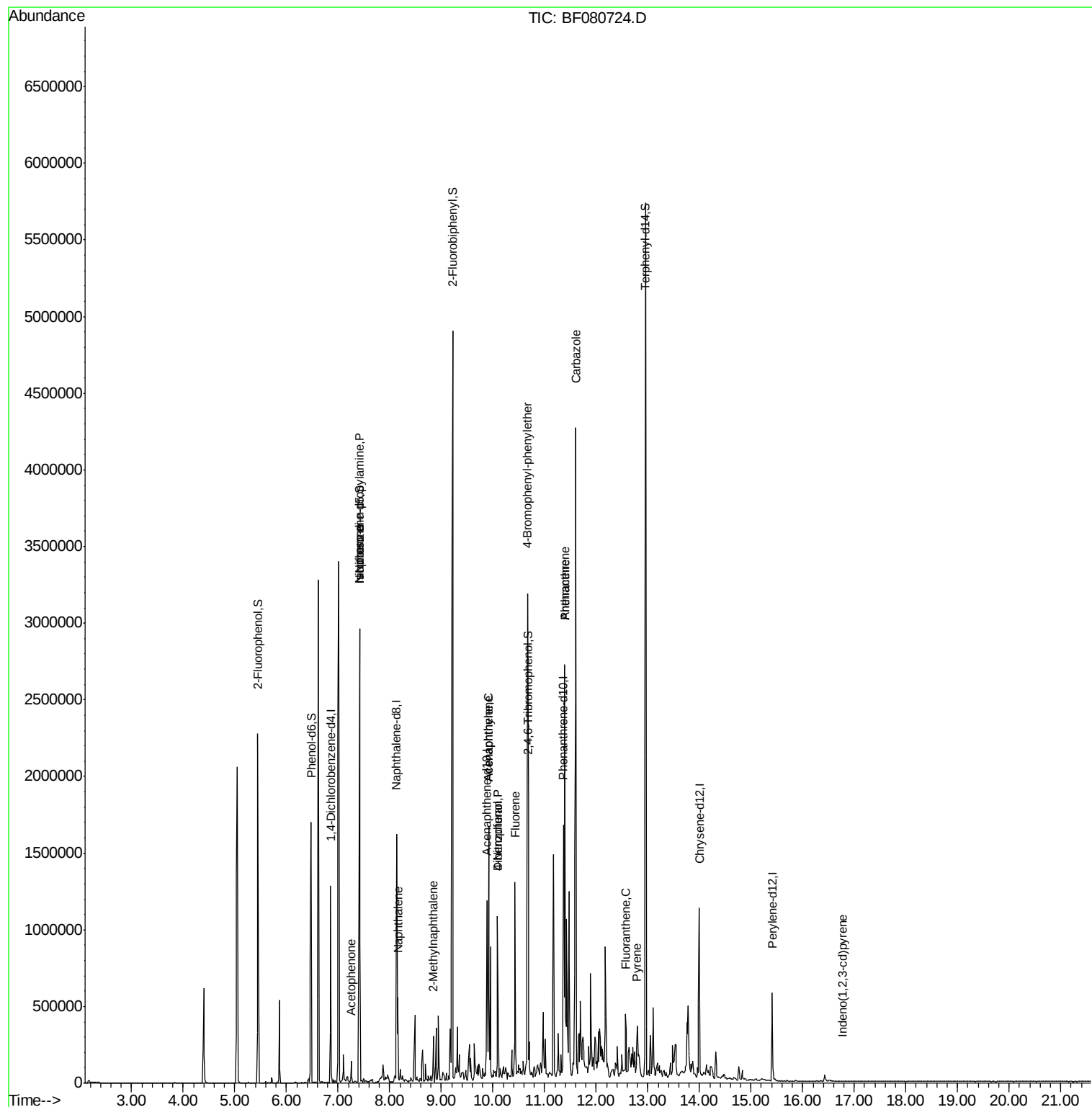
						Qvalue
9) Benzaldehyde	6.40	77	1746	Below Cal		97
19) n-Nitroso-di-n-propylamine	7.41	70	154896	16.48 ng	#	77
22) Acetophenone	7.25	105	32440	2.14 ng	#	79
25) Isophorone	7.41	82	1102280	47.77 ng	#	71
31) Naphthalene	8.16	128	213904	6.82 ng		99
37) 2-Methylnaphthalene	8.84	142	85286	4.33 ng		97
48) Acenaphthylene	9.92	152	219810	7.46 ng	#	1
51) Acenaphthene	9.92	154	405938	22.59 ng		99
54) Dibenzofuran	10.09	168	322703	13.43 ng		98
55) 4-Nitrophenol	10.09	139	130068	34.59 ng	#	12
57) Fluorene	10.43	166	289006	15.49 ng		99
60) 4-Chlorophenyl-phenylether	10.60	204	218	Below Cal	#	1
66) 4-Bromophenyl-phenylether	10.67	248	29199	5.06 ng	#	1
70) Phenanthrene	11.39	178	870342	30.88 ng		99
71) Anthracene	11.39	178	870342	31.43 ng		99
72) Carbazole	11.61	167	1940767	80.75 ng		98
74) Fluoranthene	12.57	202	203241	7.46 ng		94
77) Pyrene	12.80	202	136211	4.82 ng		98
85) Indeno(1,2,3-cd)pyrene	16.77	276	527	2.65 ng	#	59

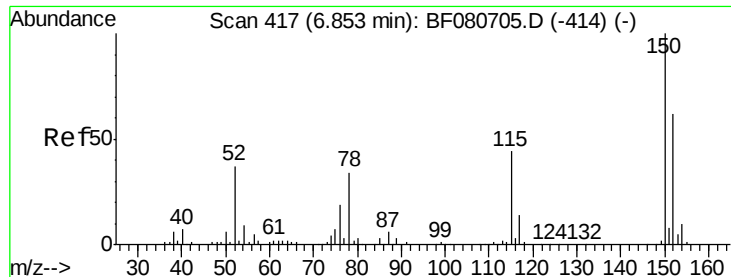
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
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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: BF080724.D

Acq: 31 Jul 2015 9:19

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-5(0-2)

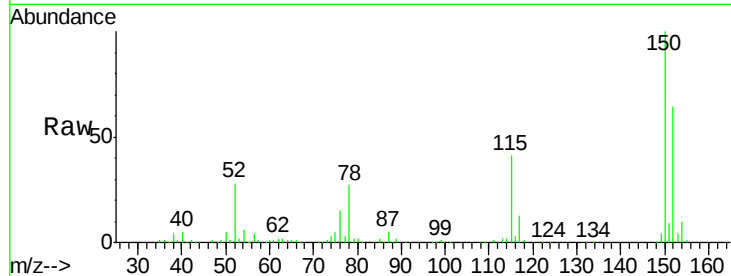
Tgt Ion:152 Resp: 175869

Ion Ratio Lower Upper

152 100

150 156.9 129.6 194.4

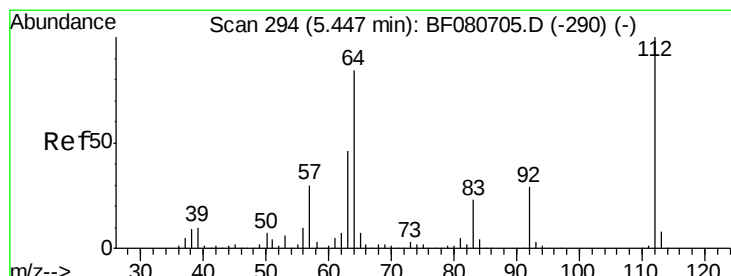
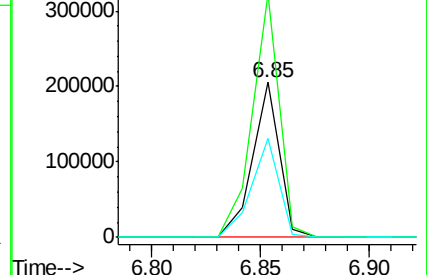
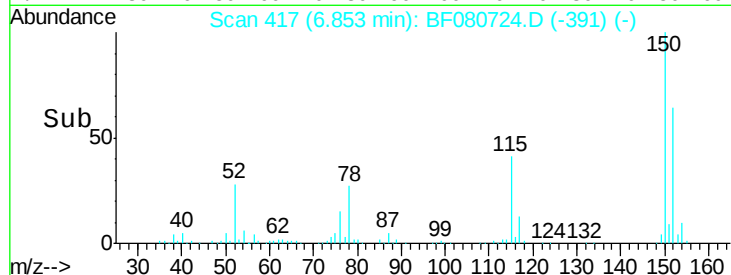
115 64.0 56.6 85.0



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: 56.63 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF080724.D

Acq: 31 Jul 2015 9:19

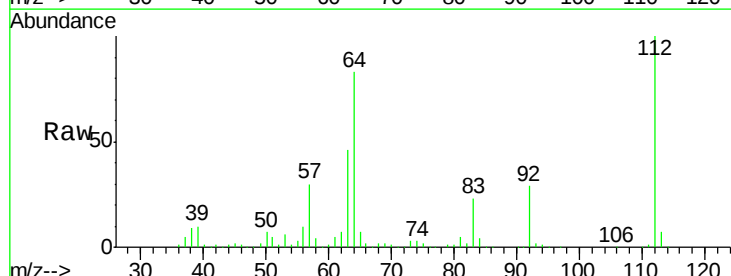
Tgt Ion:112 Resp: 580542

Ion Ratio Lower Upper

112 100

64 83.4 66.8 100.2

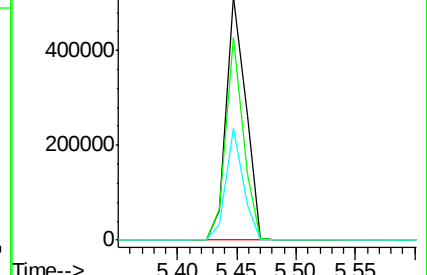
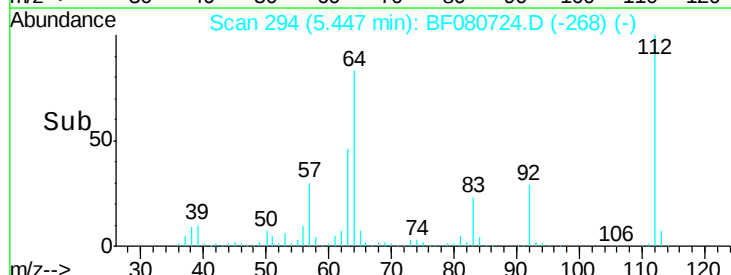
63 46.1 36.7 55.1

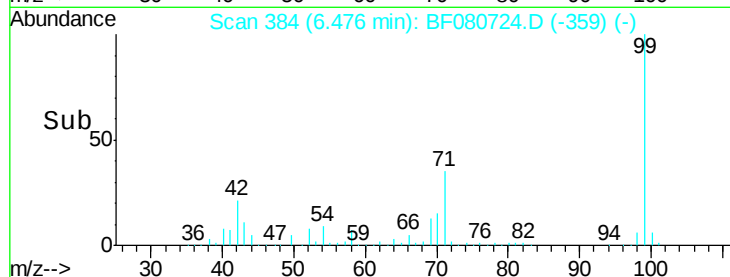
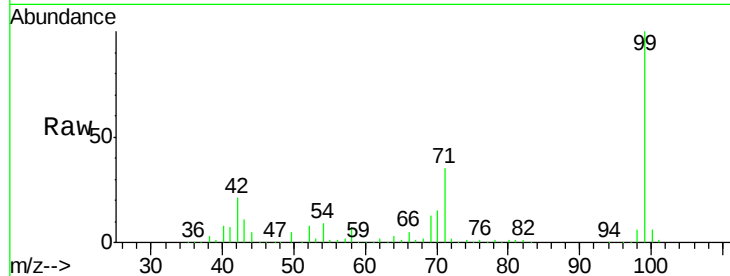
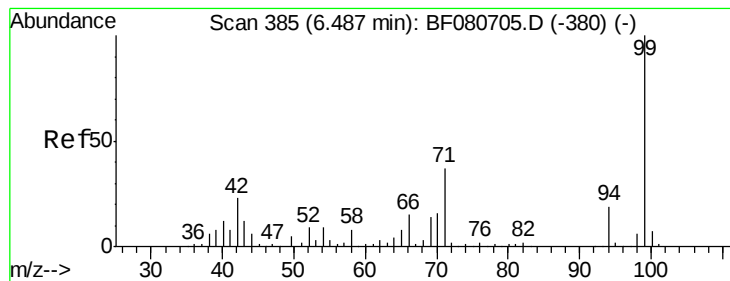


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.28 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF080724.D

Acq: 31 Jul 2015 9:19

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-5(0-2)

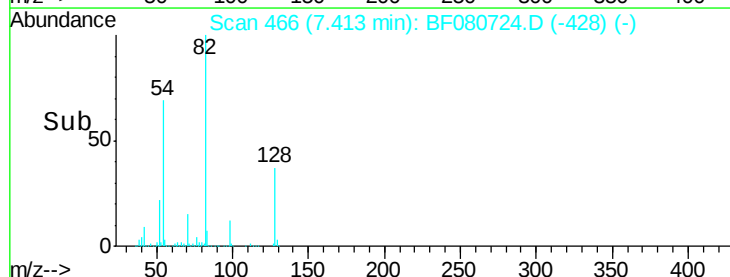
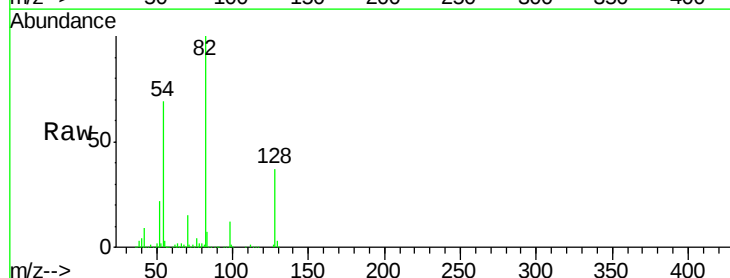
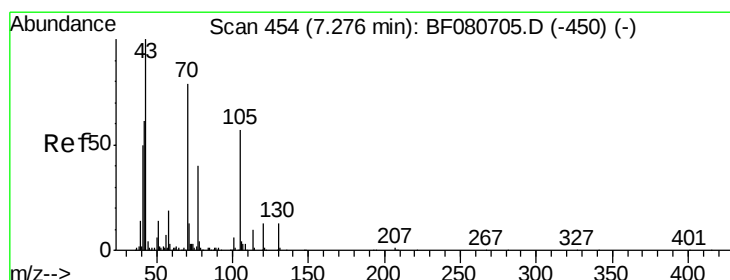
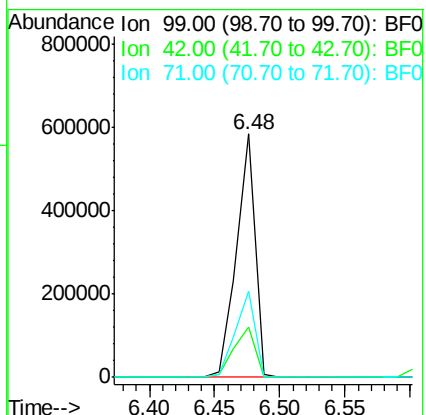
Tgt Ion: 99 Resp: 576169

Ion Ratio Lower Upper

99 100

42 20.5 18.2 27.2

71 35.3 29.5 44.3



#19

n-Nitroso-di-n-propylamine

Concen: 16.48 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF080724.D

Acq: 31 Jul 2015 9:19

Tgt Ion: 70 Resp: 154896

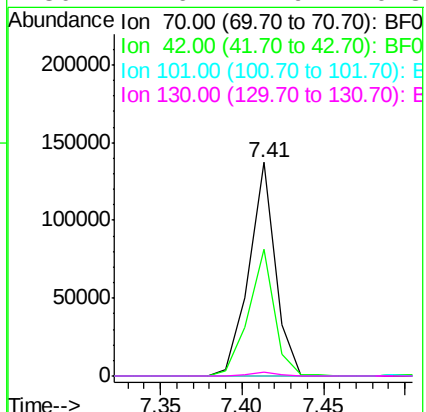
Ion Ratio Lower Upper

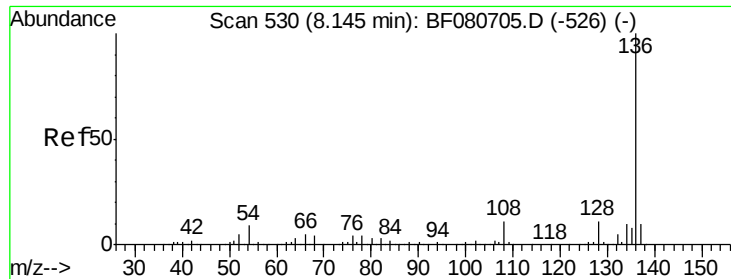
70 100

42 59.4 61.8 92.6#

101 0.0 6.1 9.1#

130 1.6 12.9 19.3#

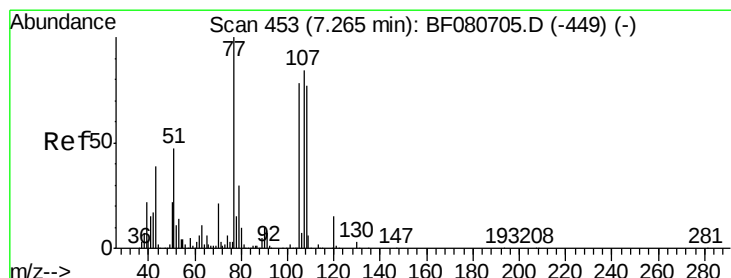
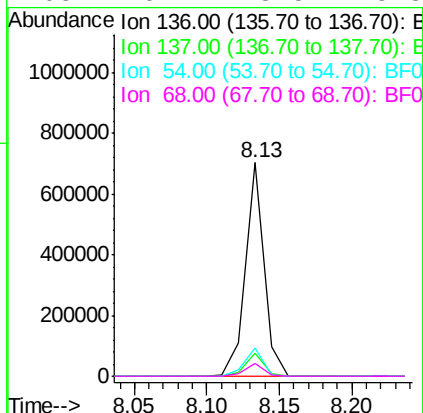
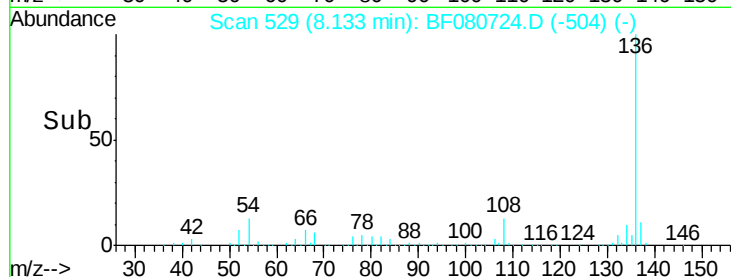
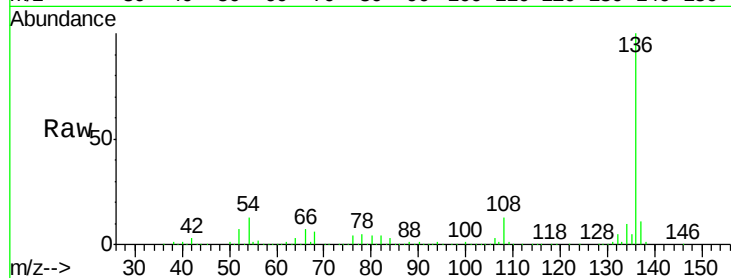




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080724.D
Acq: 31 Jul 2015 9:19

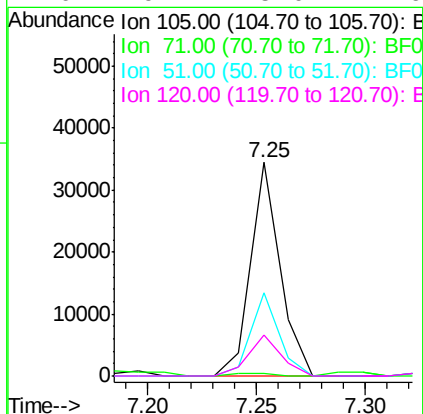
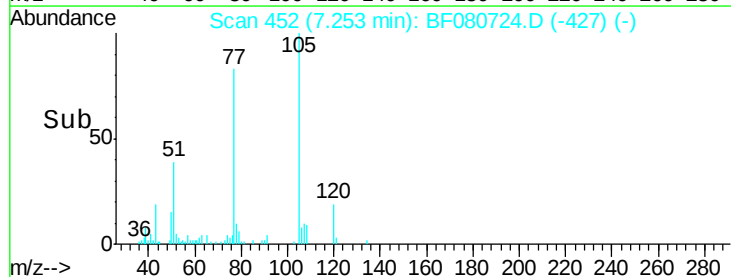
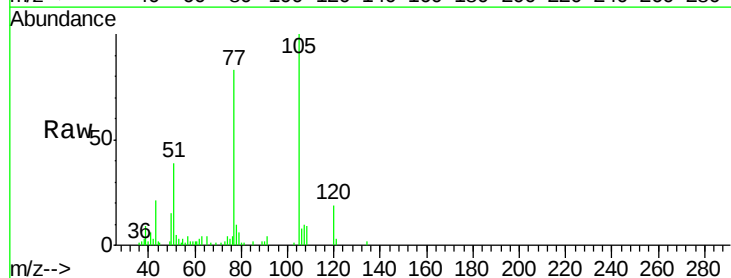
Instrument :
BNA_F
ClientSampleId :
BRIDGE14-5(0-2)

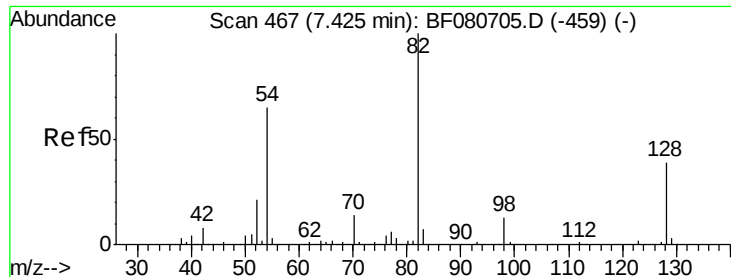
Tgt Ion:	136	Resp:	628290
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.4	12.6
54	13.4	6.9	10.3#
68	6.1	3.5	5.3#



#22
Acetophenone
Concen: 2.14 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF080724.D
Acq: 31 Jul 2015 9:19

Tgt Ion:	105	Resp:	32440
Ion Ratio	Lower	Upper	
105	100		
71	1.1	3.4	5.0#
51	39.1	47.9	71.9#
120	19.2	15.0	22.6





#23

Nitrobenzene-d5

Concen: 86.58 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF080724.D

Acq: 31 Jul 2015 9:19

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-5(0-2)

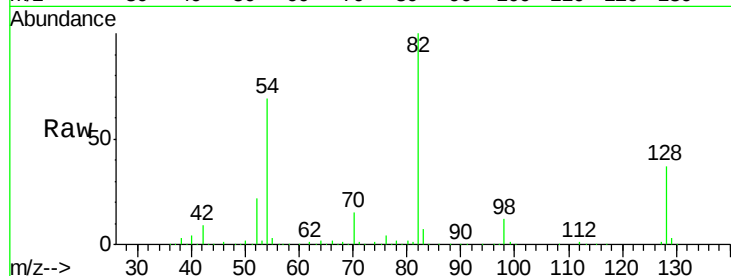
Tgt Ion: 82 Resp: 1123269

Ion Ratio Lower Upper

82 100

128 36.6 31.5 47.3

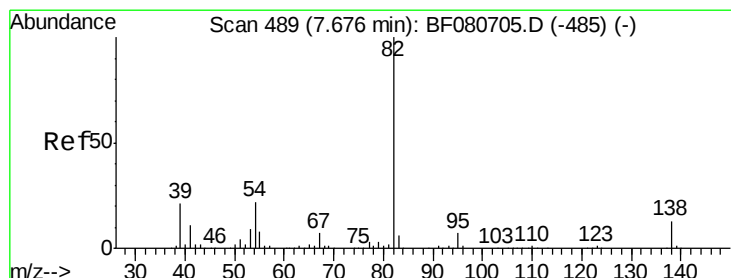
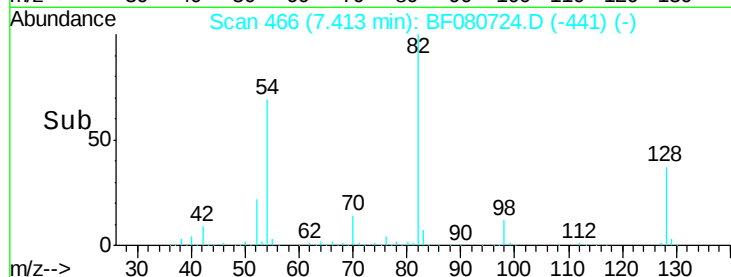
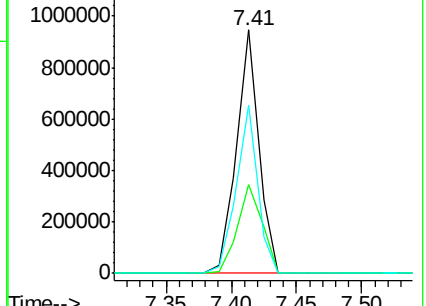
54 69.0 51.8 77.8



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: 47.77 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF080724.D

Acq: 31 Jul 2015 9:19

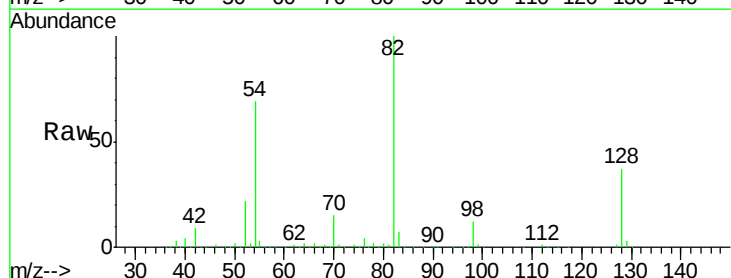
Tgt Ion: 82 Resp: 1102280

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

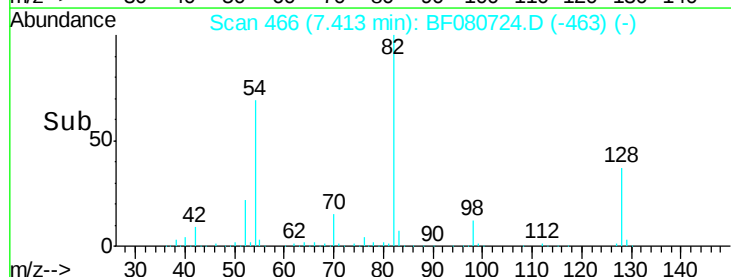
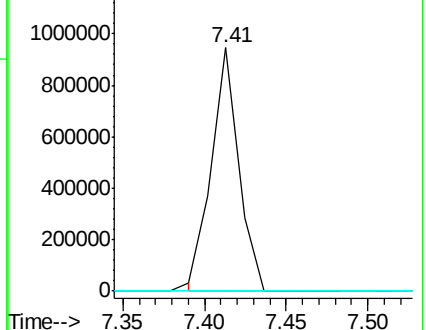
138 0.0 10.7 16.1#

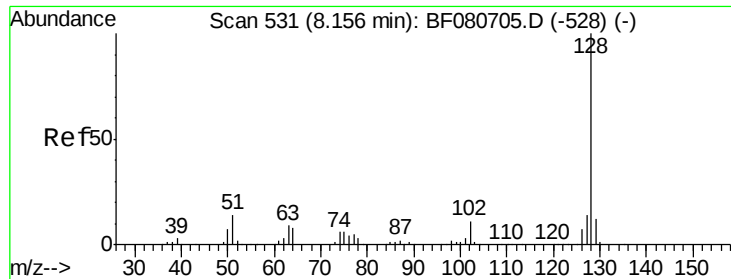


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

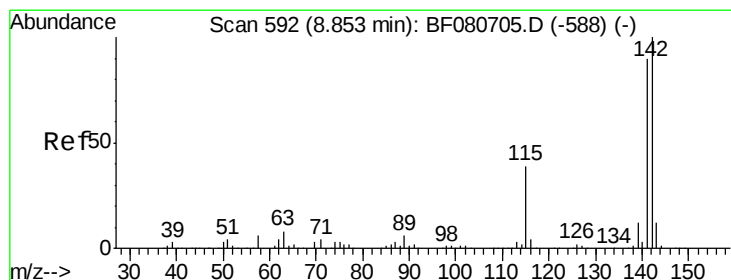
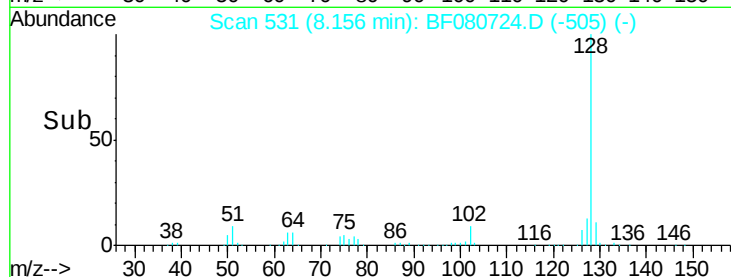
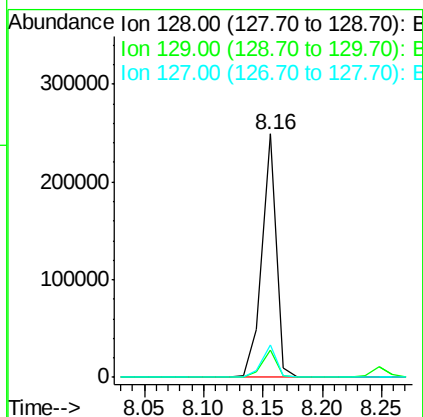
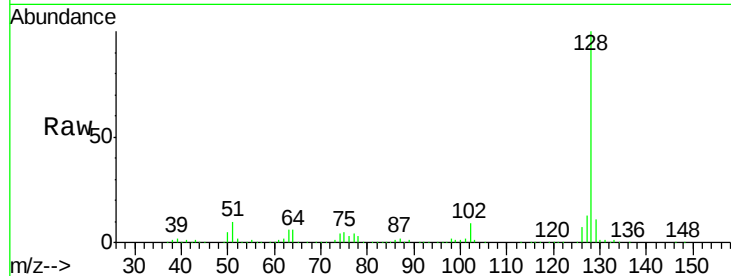




#31
Naphthalene
Concen: 6.82 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF080724.D
Acq: 31 Jul 2015 9:19

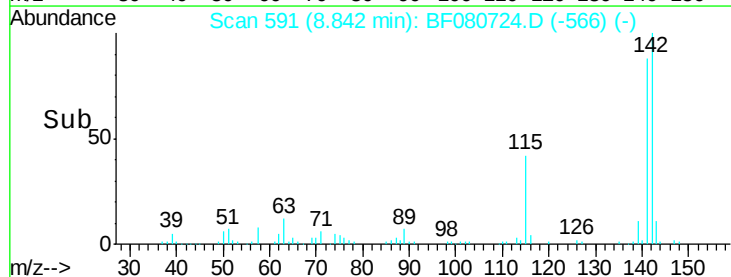
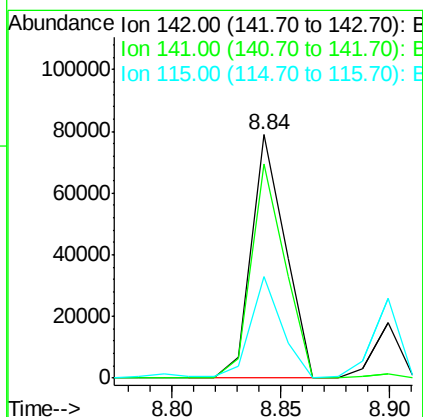
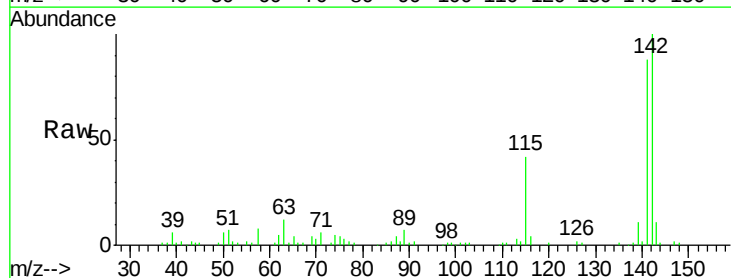
Instrument :
BNA_F
ClientSampleId :
BRIDGE14-5(0-2)

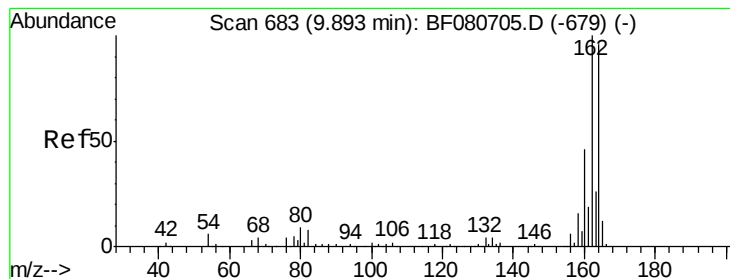
Tgt Ion:128 Resp: 213904
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 13.3 11.0 16.6



#37
2-Methylnaphthalene
Concen: 4.33 ng
RT: 8.84 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF080724.D
Acq: 31 Jul 2015 9:19

Tgt Ion:142 Resp: 85286
Ion Ratio Lower Upper
142 100
141 87.9 71.9 107.9
115 42.0 31.4 47.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF080724.D

Acq: 31 Jul 2015 9:19

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-5(0-2)

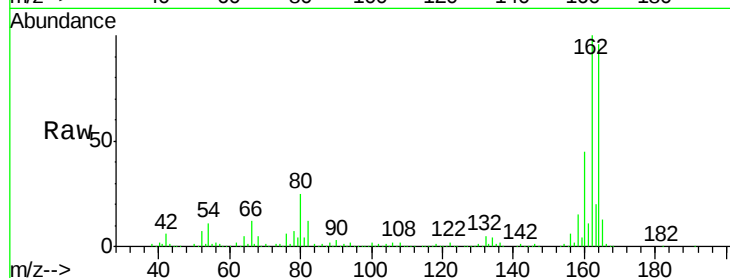
Tgt Ion:164 Resp: 295763

Ion Ratio Lower Upper

164 100

162 104.0 83.4 125.0

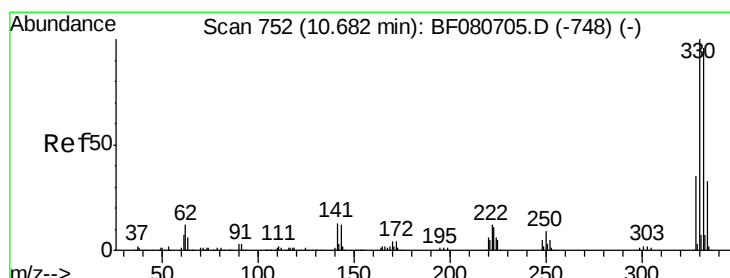
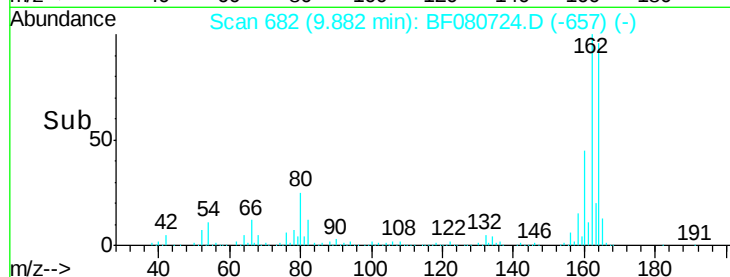
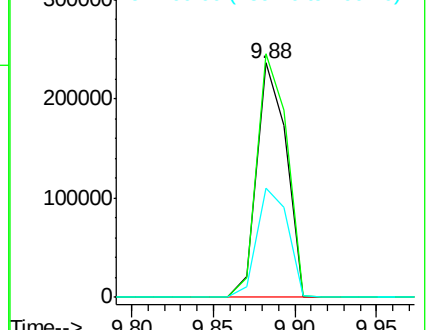
160 46.5 38.0 57.0



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: 161.91 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF080724.D

Acq: 31 Jul 2015 9:19

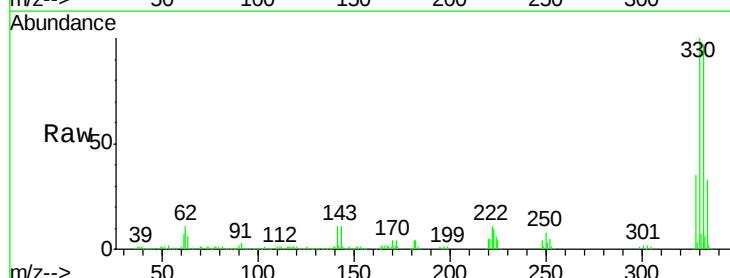
Tgt Ion:330 Resp: 496887

Ion Ratio Lower Upper

330 100

332 96.6 76.6 114.8

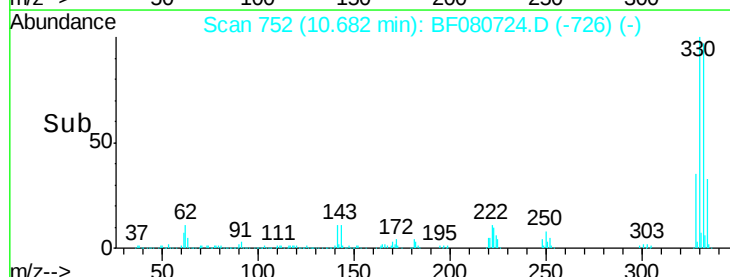
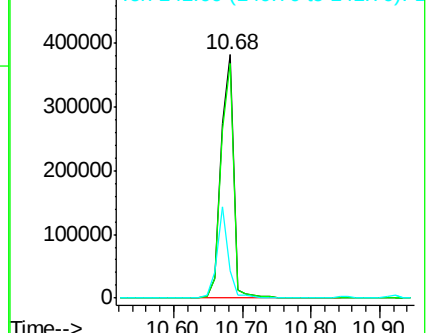
141 33.3 26.0 39.0

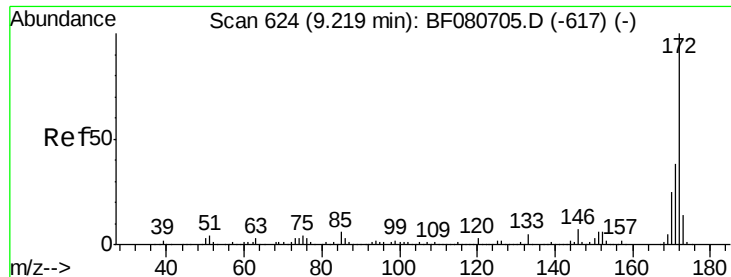


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

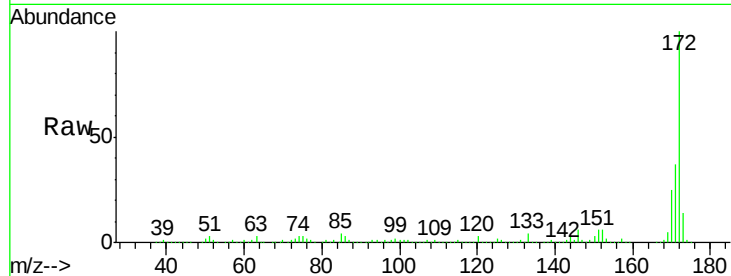




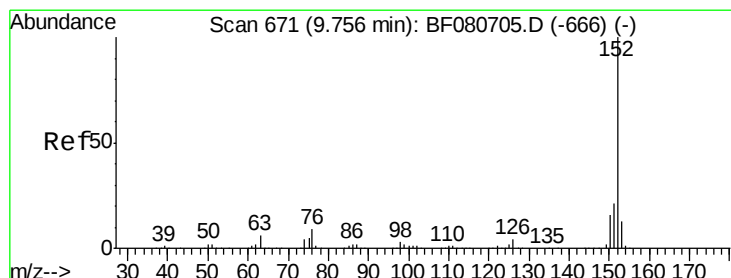
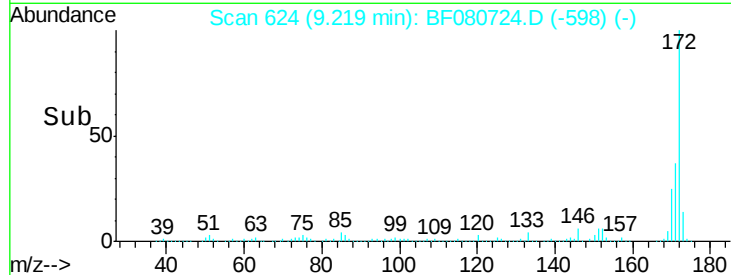
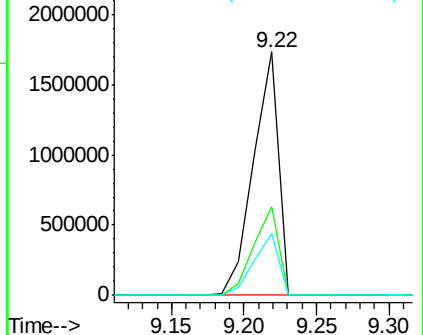
#44
2-Fluorobiphenyl
Concen: 104.47 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF080724.D
Acq: 31 Jul 2015 9:19

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-5(0-2)

Tgt Ion:172 Resp: 2071013
Ion Ratio Lower Upper
172 100
171 36.7 30.2 45.4
170 25.2 20.2 30.2

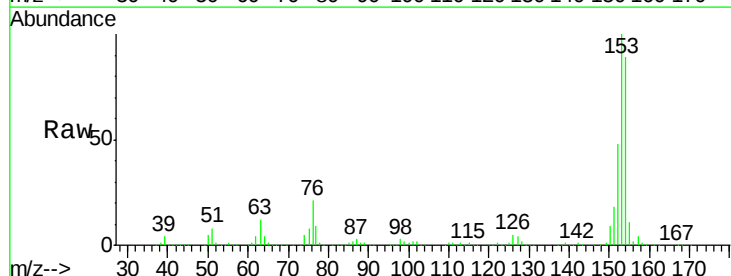


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

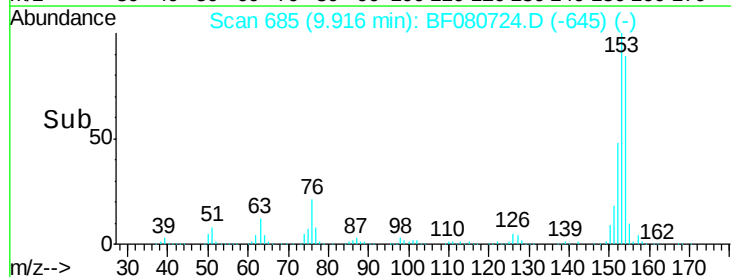
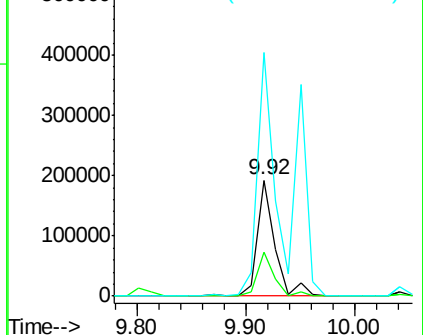


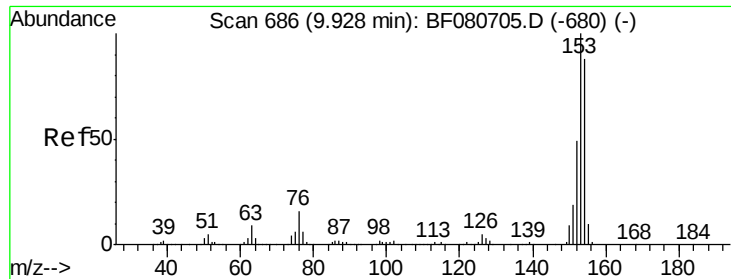
#48
Acenaphthylene
Concen: 7.46 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.16 min
Lab File: BF080724.D
Acq: 31 Jul 2015 9:19

Tgt Ion:152 Resp: 219810
Ion Ratio Lower Upper
152 100
151 37.9 17.0 25.6#
153 209.5 10.8 16.2#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#51

Acenaphthene

Concen: 22.59 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF080724.D

Acq: 31 Jul 2015 9:19

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-5(0-2)

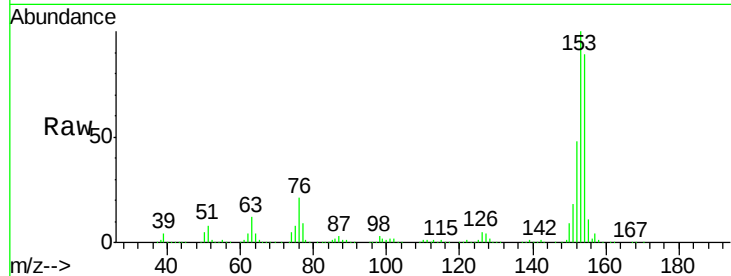
Tgt Ion:154 Resp: 405938

Ion Ratio Lower Upper

154 100

153 112.8 90.7 136.1

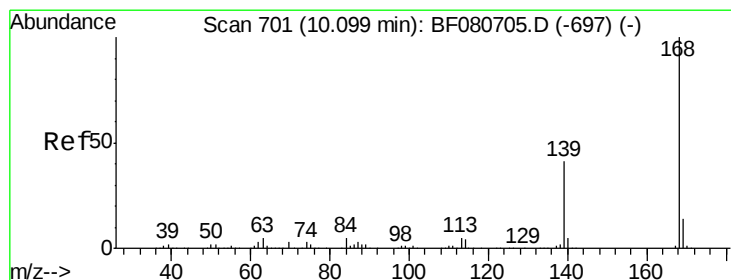
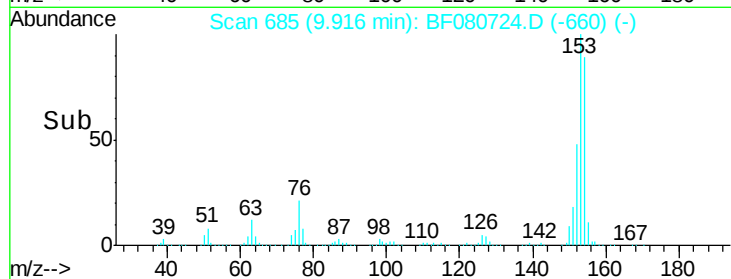
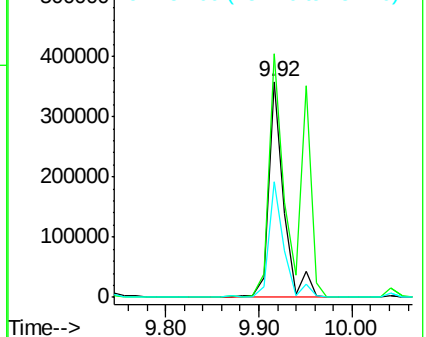
152 53.9 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 13.43 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF080724.D

Acq: 31 Jul 2015 9:19

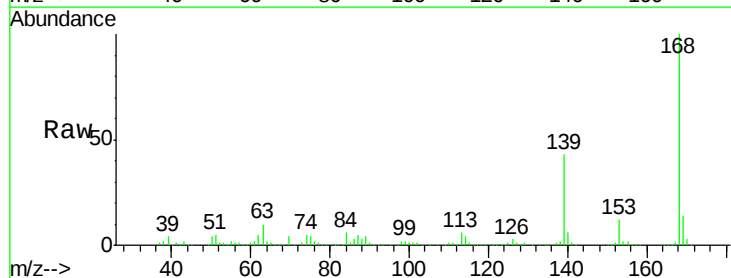
Tgt Ion:168 Resp: 322703

Ion Ratio Lower Upper

168 100

139 42.9 33.0 49.6

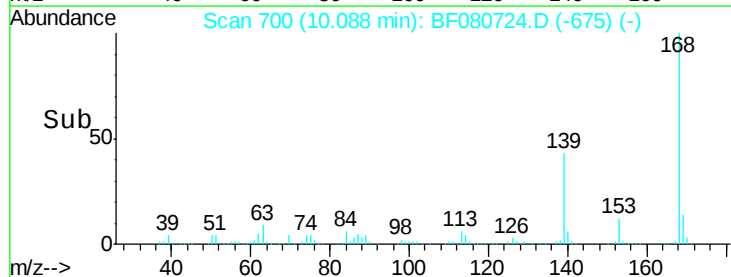
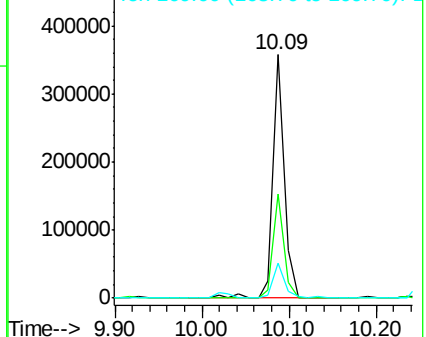
169 14.3 11.4 17.2

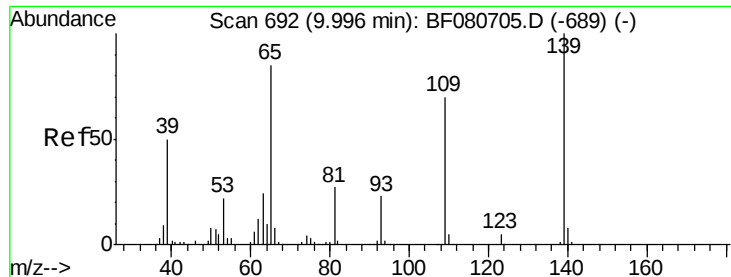


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 34.59 ng

RT: 10.09 min Scan# 700

Delta R.T. 0.09 min

Lab File: BF080724.D

Acq: 31 Jul 2015 9:19

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-5(0-2)

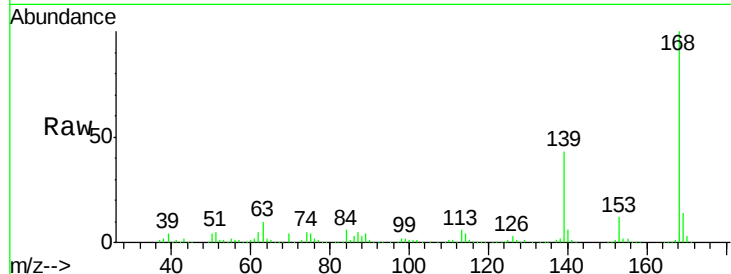
Tgt Ion:139 Resp: 130068

Ion Ratio Lower Upper

139 100

109 1.1 50.4 90.4#

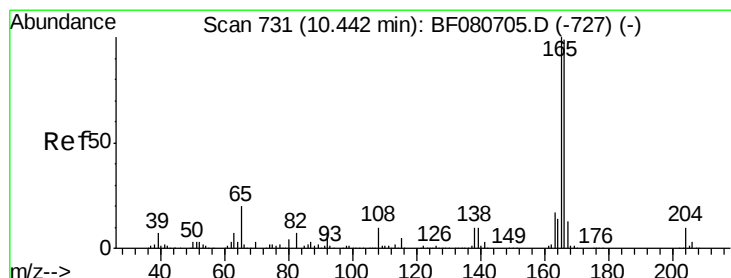
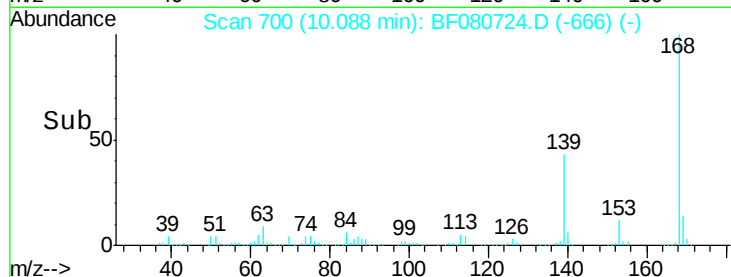
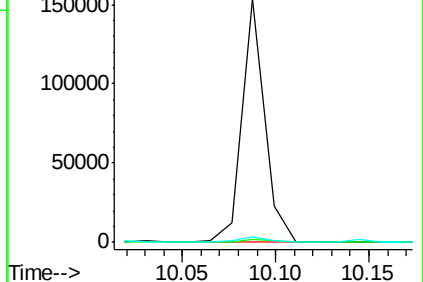
65 2.3 66.1 106.1#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#57

Fluorene

Concen: 15.49 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF080724.D

Acq: 31 Jul 2015 9:19

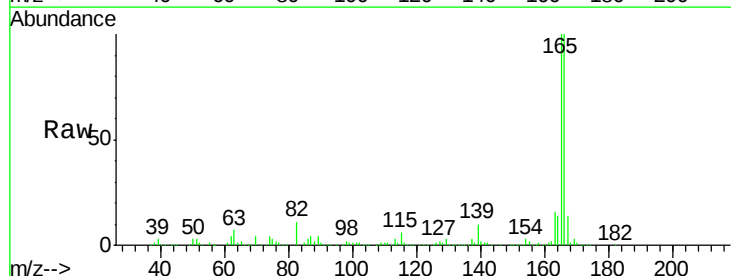
Tgt Ion:166 Resp: 289006

Ion Ratio Lower Upper

166 100

165 99.8 81.0 121.4

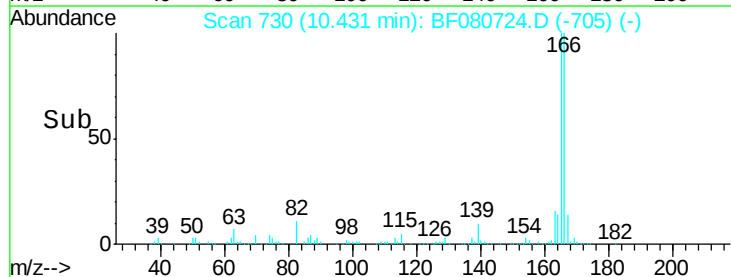
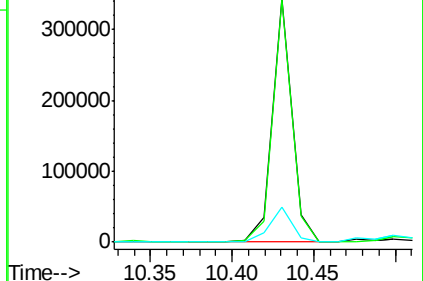
167 14.2 10.8 16.2

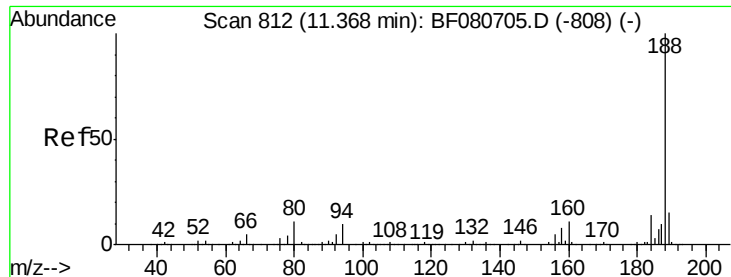


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

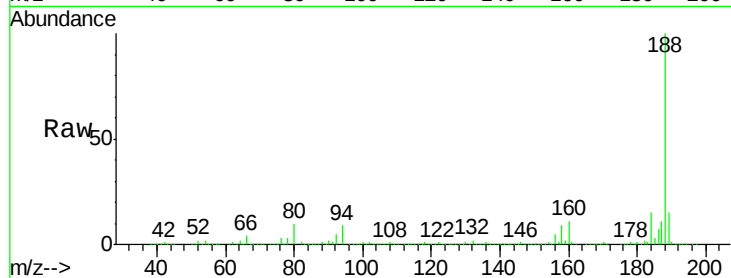




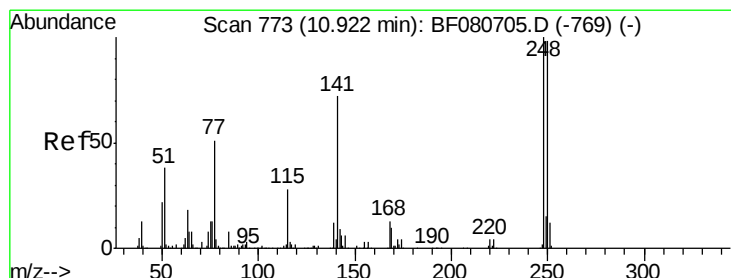
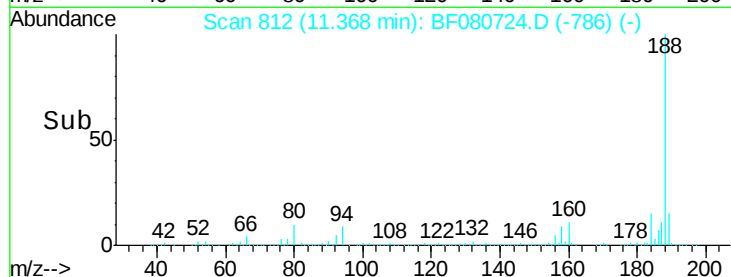
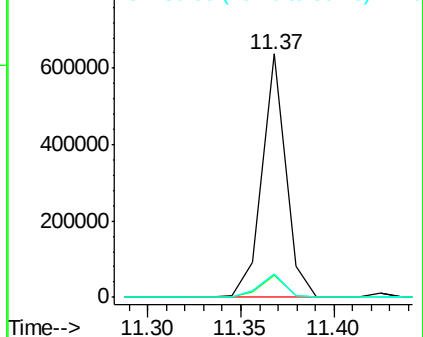
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF080724.D
Acq: 31 Jul 2015 9:19

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-5(0-2)

Tgt Ion:188 Resp: 559400
Ion Ratio Lower Upper
188 100
94 8.9 8.1 12.1
80 9.7 9.1 13.7

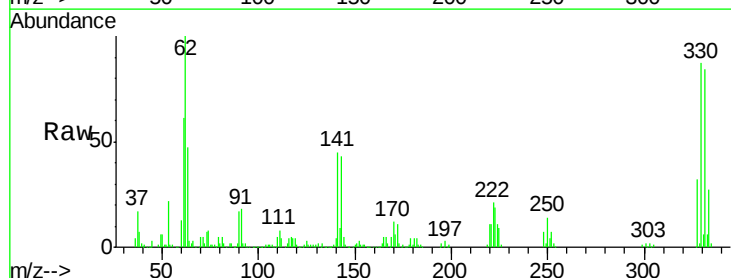


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

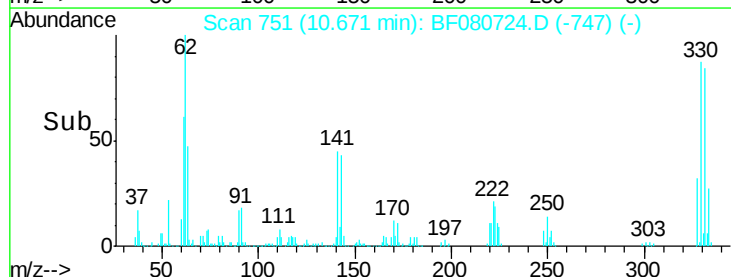
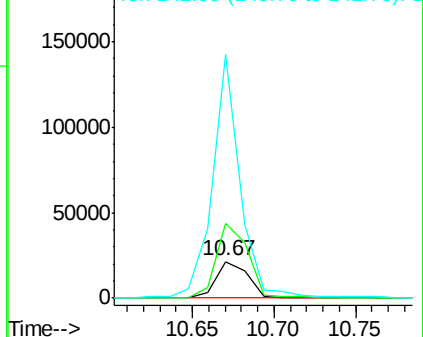


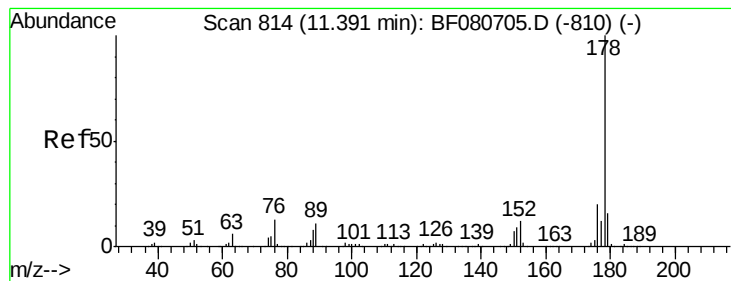
#66
4-Bromophenyl-phenylether
Concen: 5.06 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF080724.D
Acq: 31 Jul 2015 9:19

Tgt Ion:248 Resp: 29199
Ion Ratio Lower Upper
248 100
250 201.9 78.4 117.6#
141 661.3 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





#70

Phenanthrene

Concen: 30.88 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF080724.D

Acq: 31 Jul 2015 9:19

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-5(0-2)

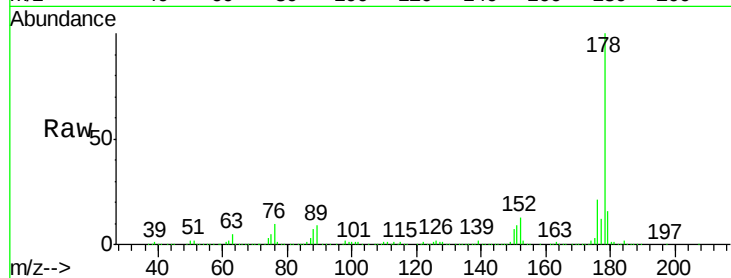
Tgt Ion:178 Resp: 870342

Ion Ratio Lower Upper

178 100

176 20.7 16.2 24.4

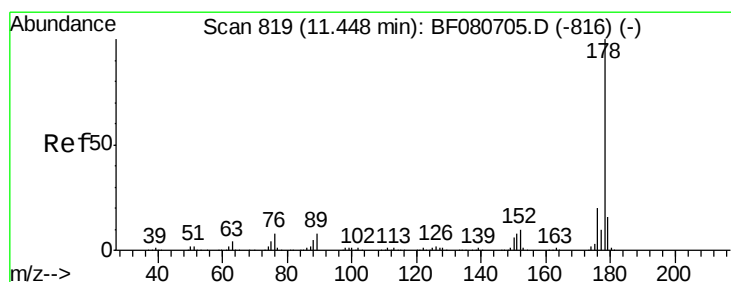
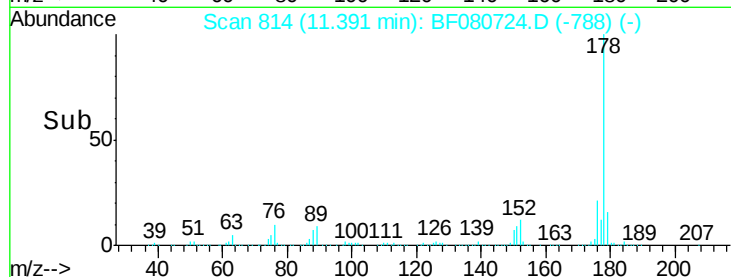
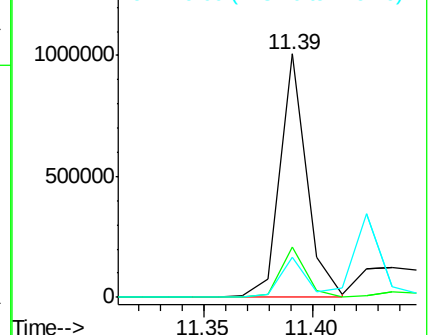
179 16.3 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 31.43 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.06 min

Lab File: BF080724.D

Acq: 31 Jul 2015 9:19

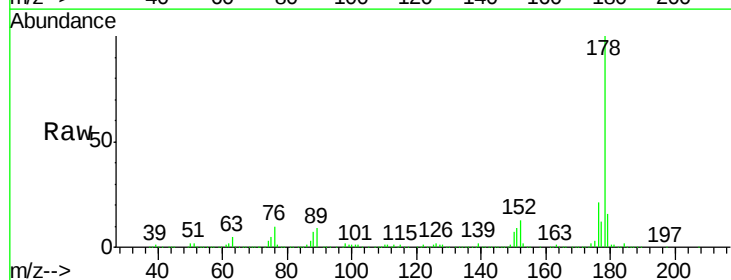
Tgt Ion:178 Resp: 870342

Ion Ratio Lower Upper

178 100

176 20.7 15.9 23.9

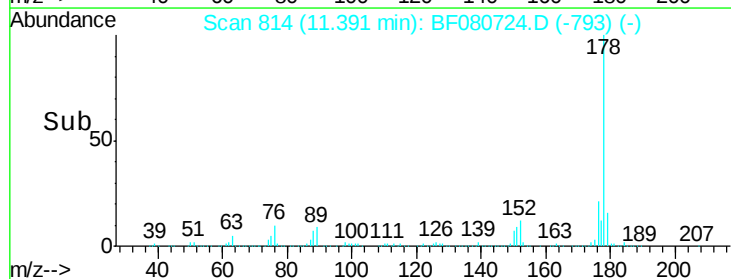
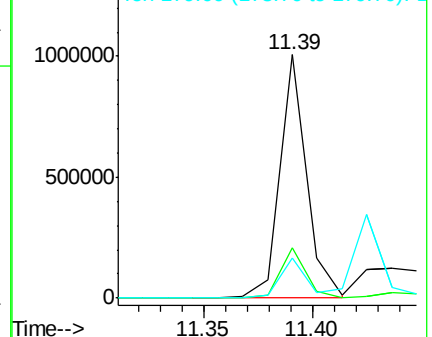
179 16.3 12.7 19.1

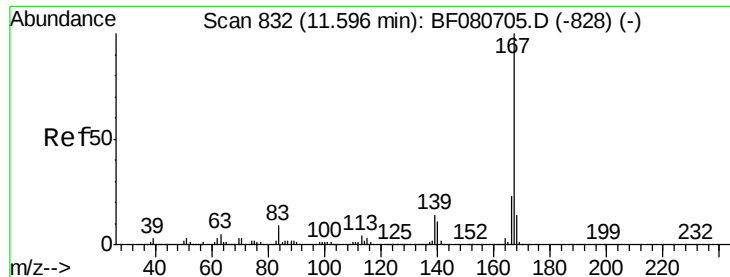


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 80.75 ng

RT: 11.61 min Scan# 833

Delta R.T. 0.01 min

Lab File: BF080724.D

Acq: 31 Jul 2015 9:19

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-5(0-2)

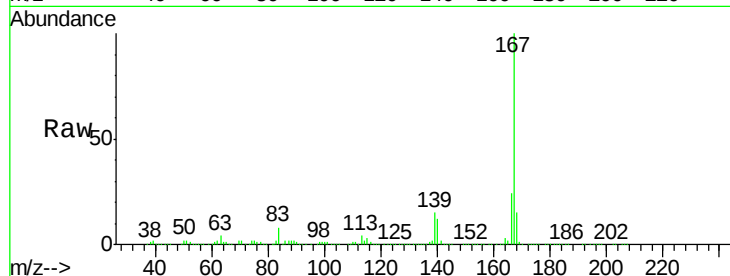
Tgt Ion:167 Resp: 1940767

Ion Ratio Lower Upper

167 100

166 23.6 18.2 27.4

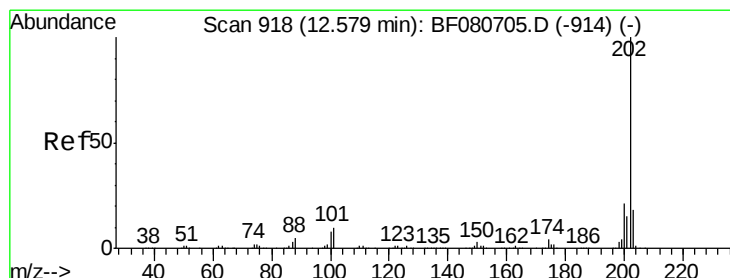
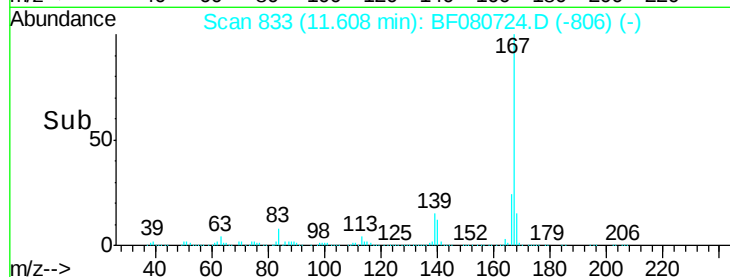
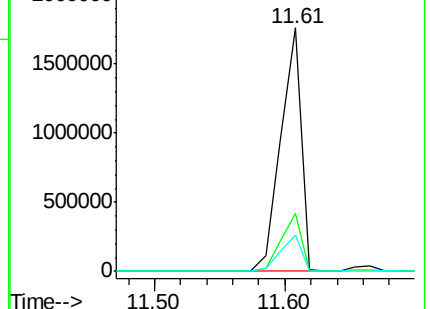
139 15.1 11.5 17.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 7.46 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF080724.D

Acq: 31 Jul 2015 9:19

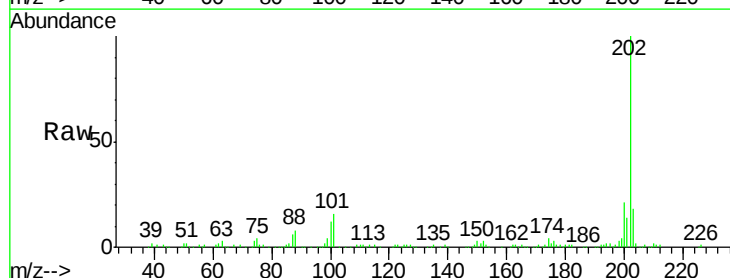
Tgt Ion:202 Resp: 203241

Ion Ratio Lower Upper

202 100

101 15.6 0.0 29.6

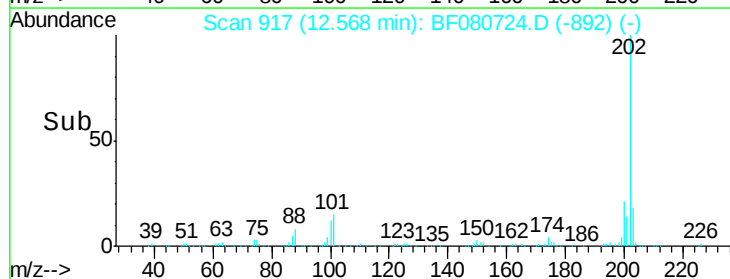
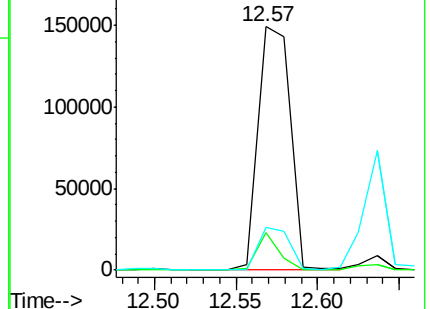
203 17.6 0.0 37.8

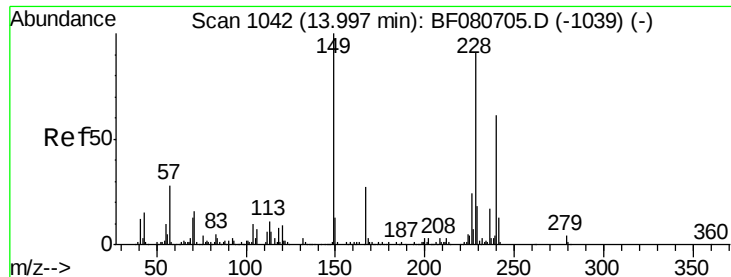


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

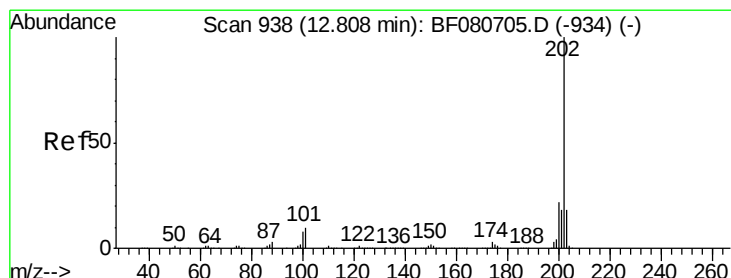
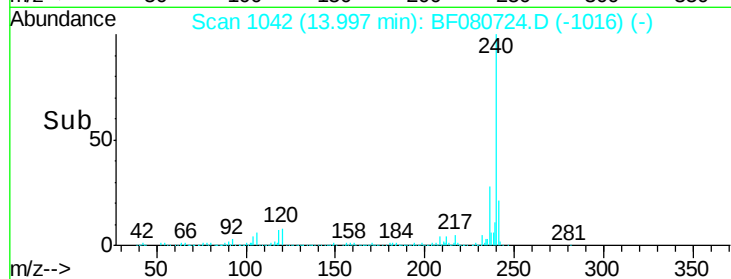
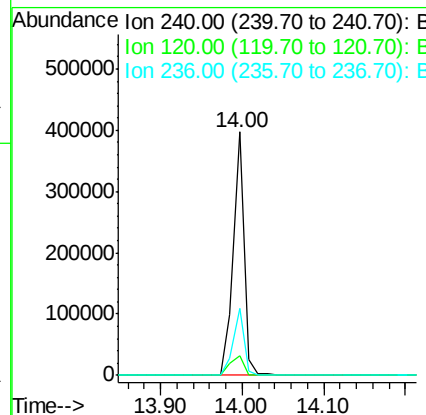
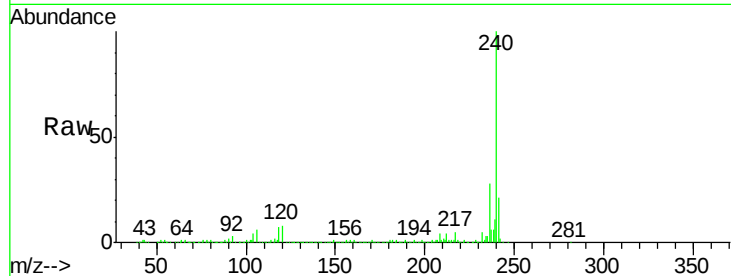




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF080724.D
Acq: 31 Jul 2015 9:19

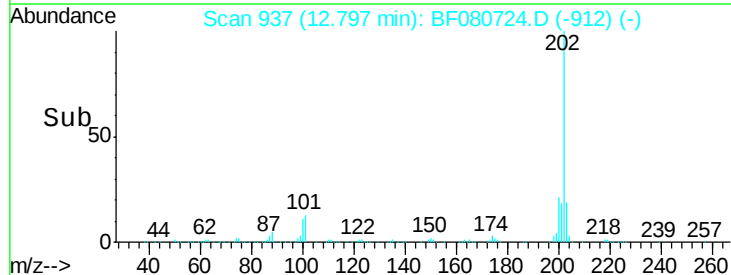
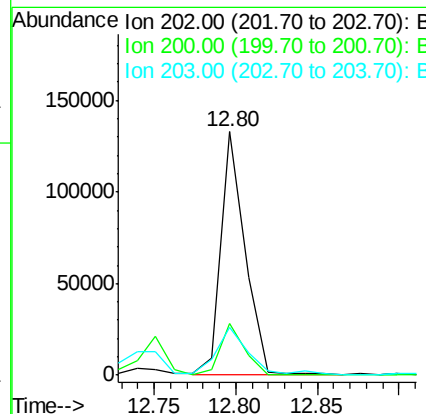
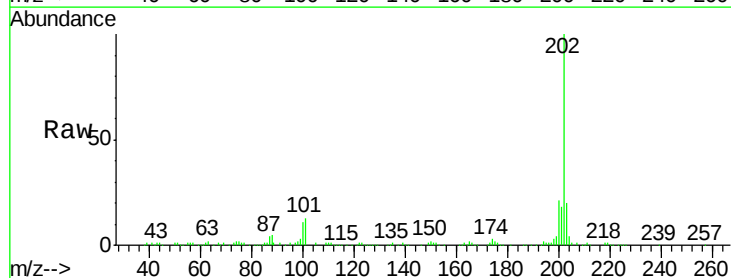
Instrument :
BNA_F
ClientSampleId :
BRIDGE14-5(0-2)

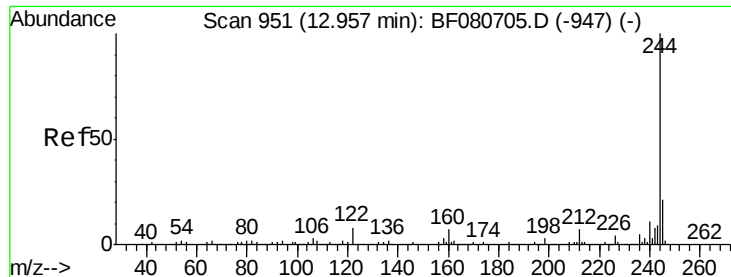
Tgt Ion:240 Resp: 364509
Ion Ratio Lower Upper
240 100
120 8.3 11.8 17.8#
236 27.6 21.8 32.8



#77
Pyrene
Concen: 4.82 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF080724.D
Acq: 31 Jul 2015 9:19

Tgt Ion:202 Resp: 136211
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 19.5 14.2 21.2





#78

Terphenyl-d14

Concen: 87.90 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF080724.D

Acq: 31 Jul 2015 9:19

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-5(0-2)

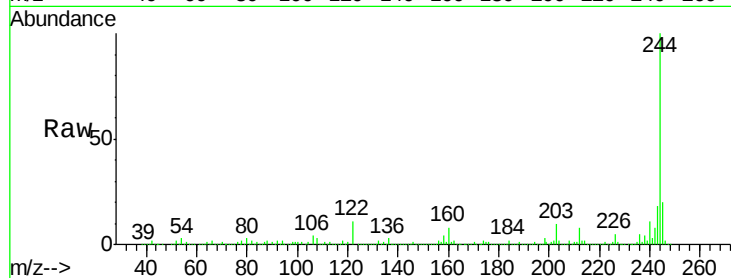
Tgt Ion:244 Resp: 1694171

Ion Ratio Lower Upper

244 100

212 8.1 5.9 8.9

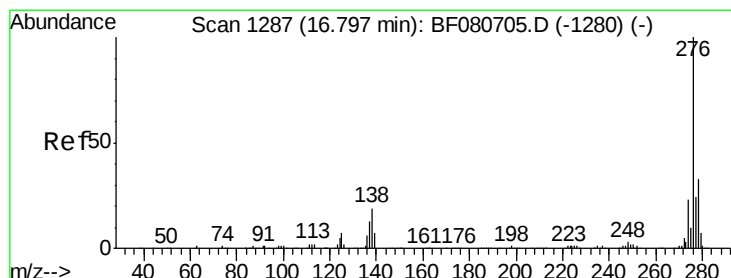
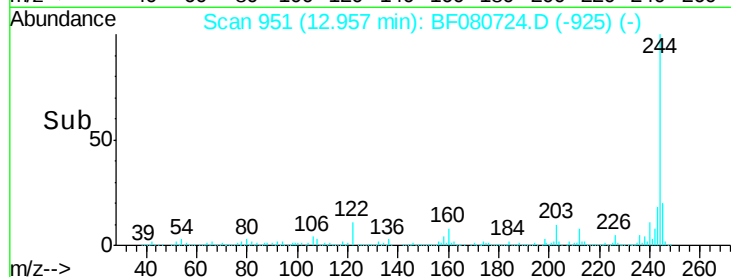
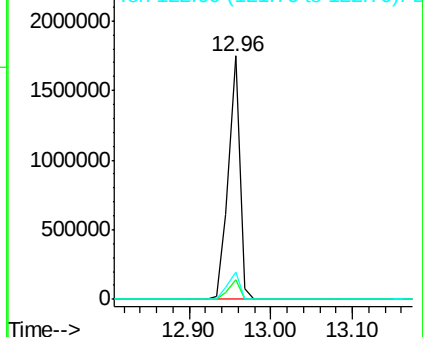
122 11.4 6.6 9.8#



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.65 ng

RT: 16.77 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BF080724.D

Acq: 31 Jul 2015 9:19

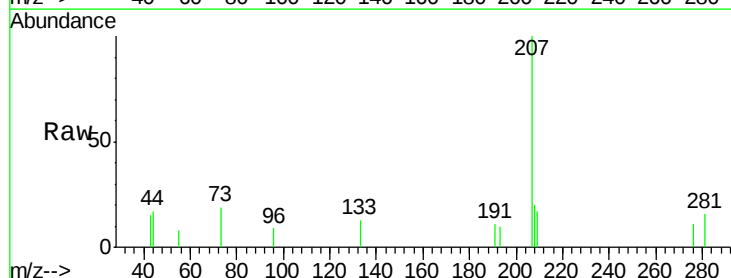
Tgt Ion:276 Resp: 527

Ion Ratio Lower Upper

276 100

138 0.0 13.2 19.8#

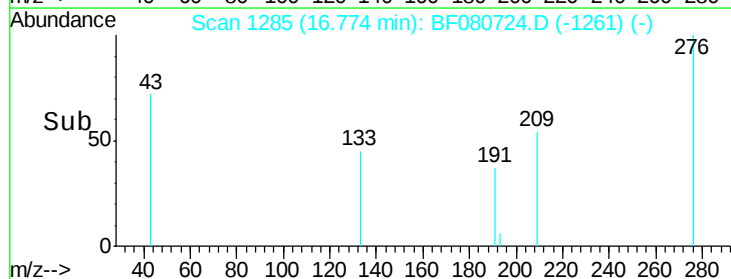
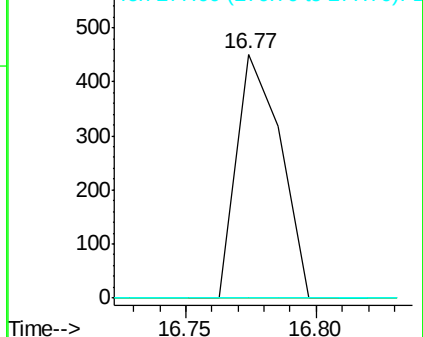
277 0.0 15.4 23.2#

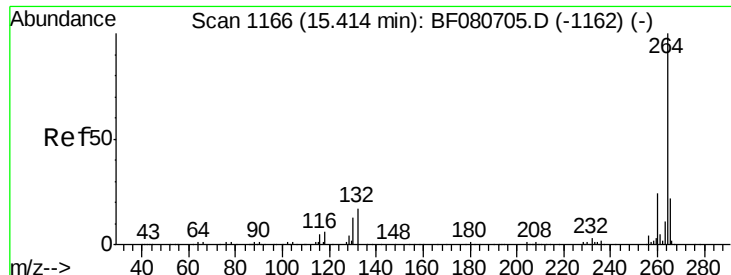


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF080724.D
 Acq: 31 Jul 2015 9:19

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE14-5(0-2)

Tgt Ion: 264 Resp: 290625
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.0
 265 20.6 17.3 25.9

