

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042115\
 Data File : BF078694.D
 Acq On : 21 Apr 2015 20:36
 Operator : TP/IZ
 Sample : G1938-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-65S

Quant Time: Apr 22 02:27:11 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 00:52:13 2015
 Response via : Initial Calibration

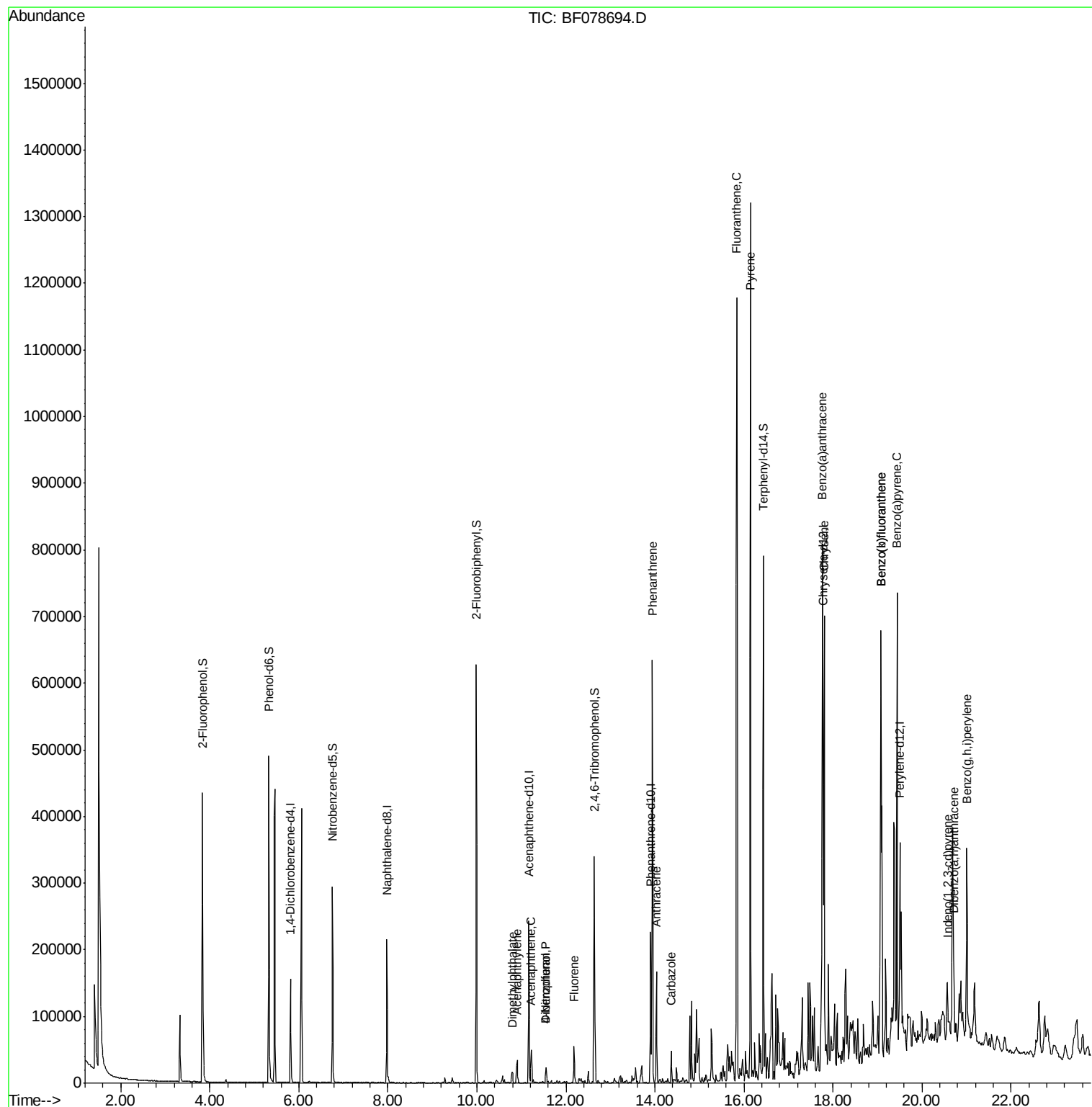
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.82	152	32520	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	134571	20.00	ng	-0.01
38) Acenaphthene-d10	11.17	164	68920	20.00	ng	-0.01
63) Phenanthrene-d10	13.90	188	134136	20.00	ng	-0.01
75) Chrysene-d12	17.77	240	145715	20.00	ng	-0.01
86) Perylene-d12	19.50	264	156670	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	3.84	112	176144	89.31	ng	0.01
7) Phenol-d6	5.32	99	230630	93.30	ng	0.00
23) Nitrobenzene-d5	6.75	82	133182	59.99	ng	-0.01
41) 2,4,6-Tribromophenol	12.64	330	57729	101.00	ng	-0.01
44) 2-Fluorobiphenyl	9.99	172	282179	58.52	ng	-0.01
78) Terphenyl-d14	16.43	244	327876	50.84	ng	0.00
Target Compounds						Qvalue
48) Acenaphthylene	10.90	152	27670	3.86	ng	97
49) Dimethylphthalate	10.80	163	11941	2.31	ng	# 95
51) Acenaphthene	11.22	154	15565	3.86	ng	98
54) Dibenzofuran	11.55	168	14652	2.38	ng	99
55) 4-Nitrophenol	11.55	139	5369	8.58	ng	# 18
57) Fluorene	12.18	166	23426	4.69	ng	98
70) Phenanthrene	13.94	178	362241	46.69	ng	100
71) Anthracene	14.03	178	92686	12.12	ng	99
72) Carbazole	14.37	167	27174	3.79	ng	95
74) Fluoranthene	15.84	202	645373	78.87	ng	94
77) Pyrene	16.15	202	566827	61.97	ng	# 92
80) Benzo(a)anthracene	17.76	228	360787	41.61	ng	98
82) Chrysene	17.81	228	272553	33.46	ng	97
85) Indeno(1,2,3-cd)pyrene	20.57	276	43439	4.70	ng	93
87) Benzo(b)fluoranthene	19.07	252	544204	56.20	ng	# 96
88) Benzo(k)fluoranthene	19.07	252	544204	63.24	ng	# 96
89) Benzo(a)pyrene	19.44	252	303221	35.88	ng	96
90) Dibenzo(a,h)anthracene	20.71	278	52985	6.26	ng	# 89
91) Benzo(g,h,i)perylene	21.01	276	179248	21.13	ng	100

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

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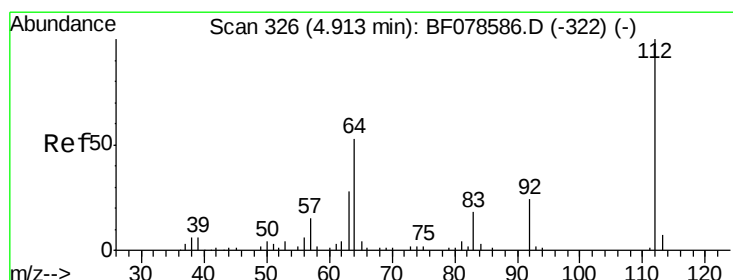
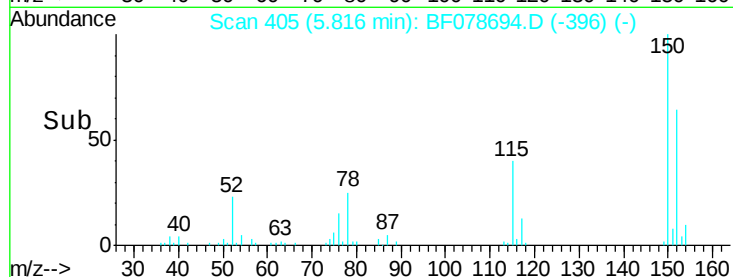
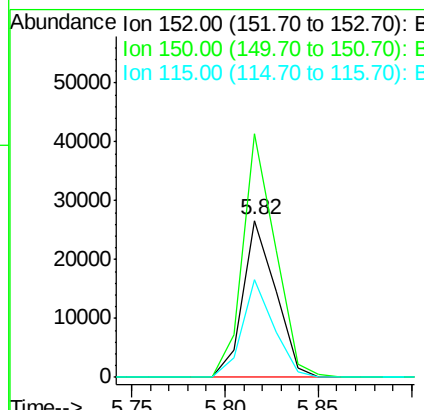
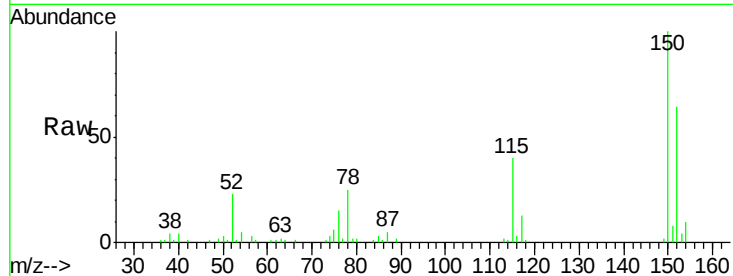




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.82 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BF078694.D
 Acq: 21 Apr 2015 20:36

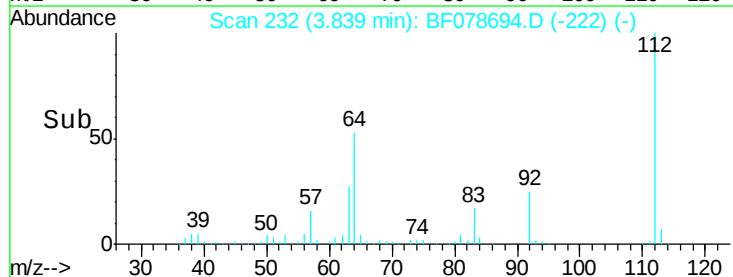
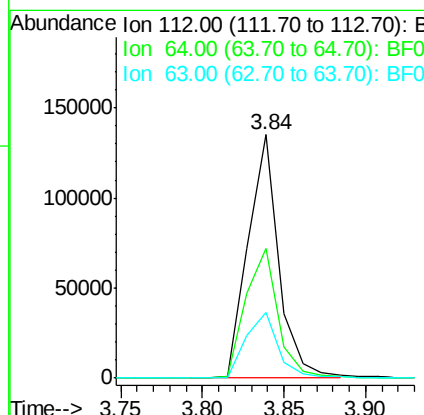
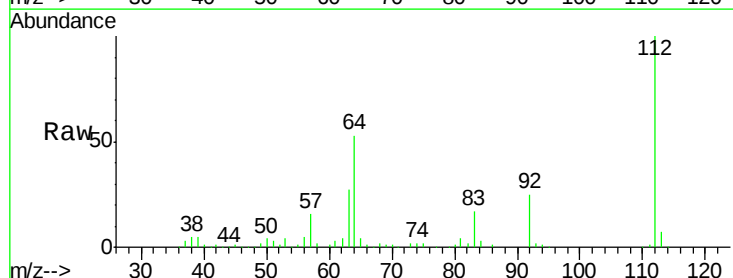
Instrument :
 BNA_F
 ClientSampled :
 SB-65S

Tgt Ion:152 Resp: 32520
 Ion Ratio Lower Upper
 152 100
 150 155.5 125.9 188.9
 115 62.3 52.7 79.1



#5
 2-Fluorophenol
 Concen: 89.31 ng
 RT: 3.84 min Scan# 232
 Delta R.T. 0.01 min
 Lab File: BF078694.D
 Acq: 21 Apr 2015 20:36

Tgt Ion:112 Resp: 176144
 Ion Ratio Lower Upper
 112 100
 64 53.2 39.9 59.9
 63 27.2 20.2 30.4





#7

Phenol-d6

Concen: 93.30 ng

RT: 5.32 min Scan# 362

Delta R.T. 0.00 min

Lab File: BF078694.D

Acq: 21 Apr 2015 20:36

Instrument :

BNA_F

ClientSampleID :

SB-65S

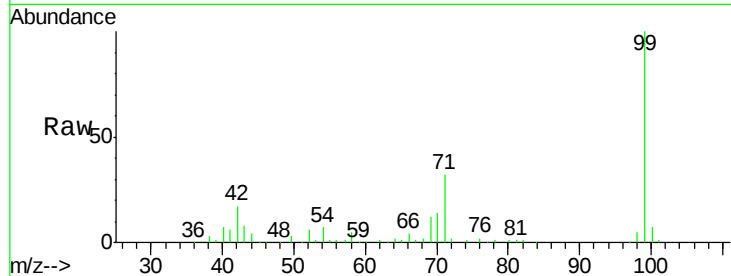
Tgt Ion: 99 Resp: 230630

Ion Ratio Lower Upper

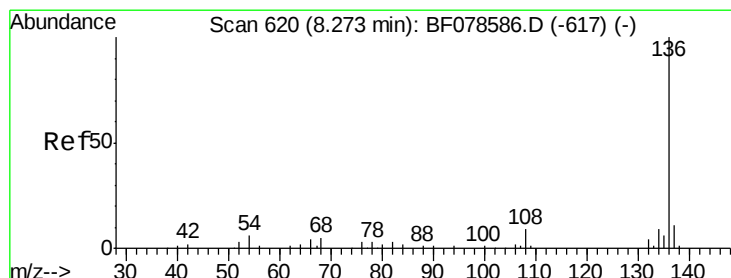
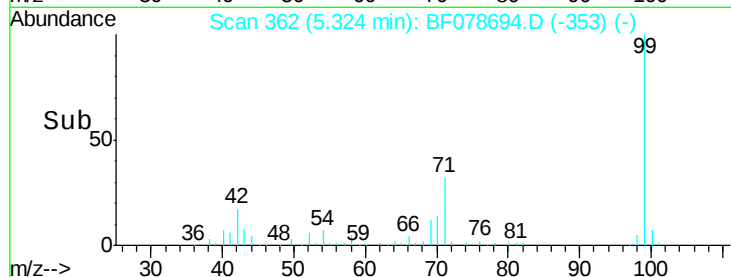
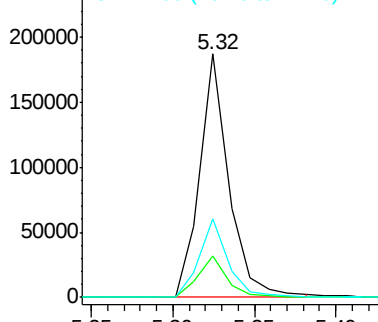
99 100

42 16.9 14.8 22.2

71 32.2 26.6 39.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF078694.D

Acq: 21 Apr 2015 20:36

Tgt Ion: 136 Resp: 134571

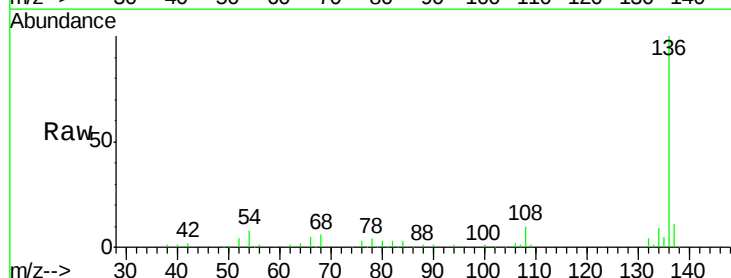
Ion Ratio Lower Upper

136 100

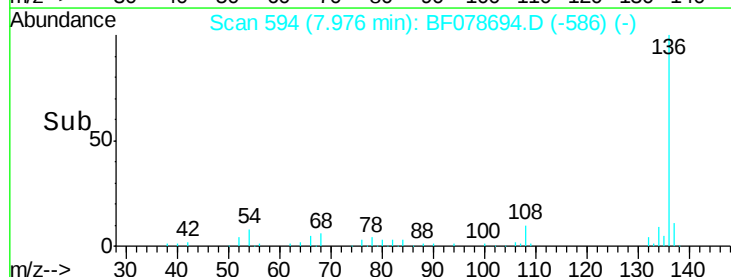
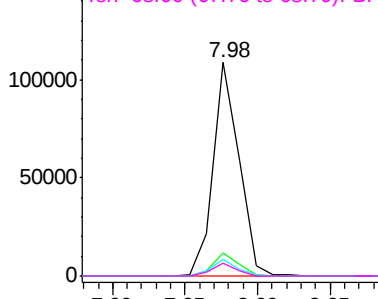
137 10.8 9.0 13.4

54 7.8 7.0 10.6

68 6.1 5.4 8.2



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

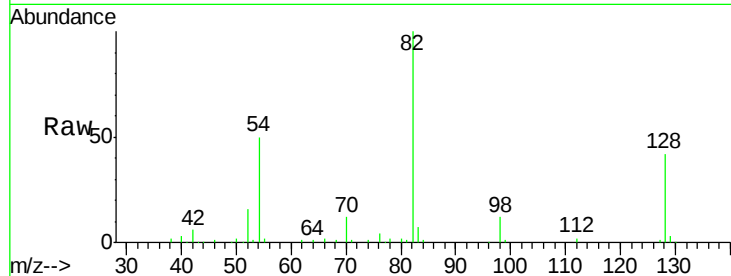




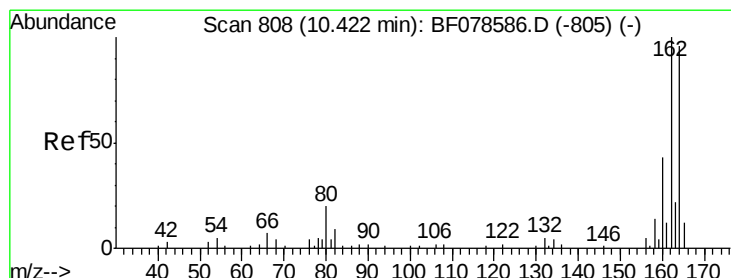
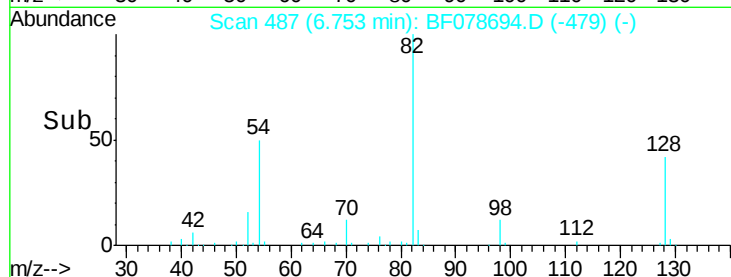
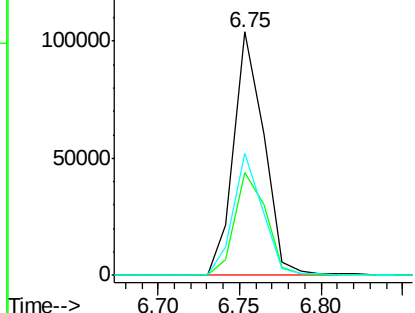
#23
 Nitrobenzene-d5
 Concen: 59.99 ng
 RT: 6.75 min Scan# 487
 Delta R.T. -0.01 min
 Lab File: BF078694.D
 Acq: 21 Apr 2015 20:36

Instrument :
 BNA_F
 ClientSampleID :
 SB-65S

Tgt Ion: 82 Resp: 133182
 Ion Ratio Lower Upper
 82 100
 128 42.5 31.8 47.8
 54 50.1 41.5 62.3

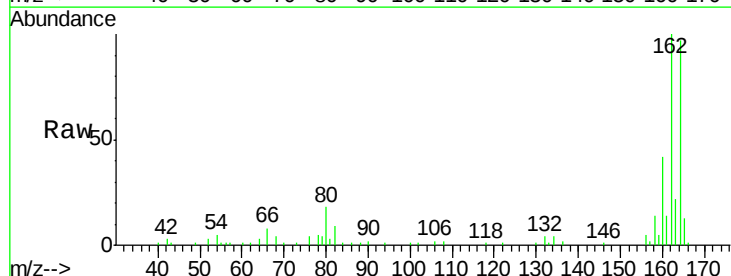


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

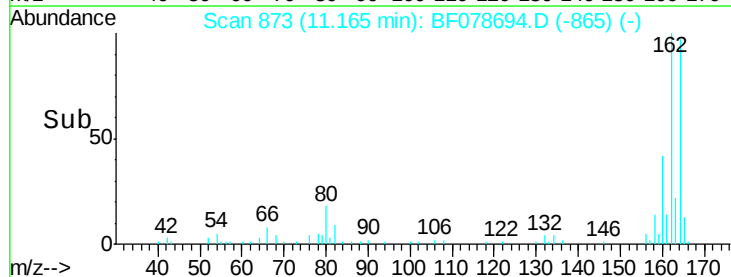
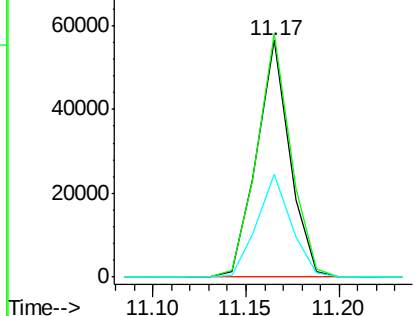


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BF078694.D
 Acq: 21 Apr 2015 20:36

Tgt Ion: 164 Resp: 68920
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.2 123.2
 160 43.6 34.7 52.1



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

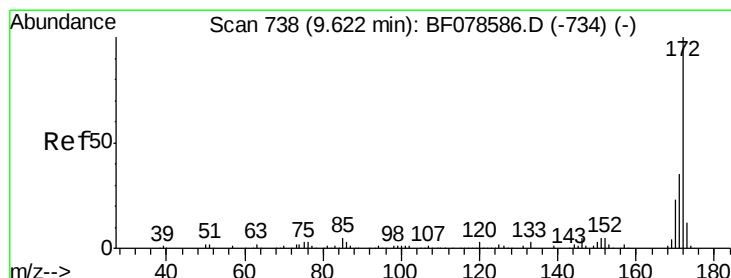
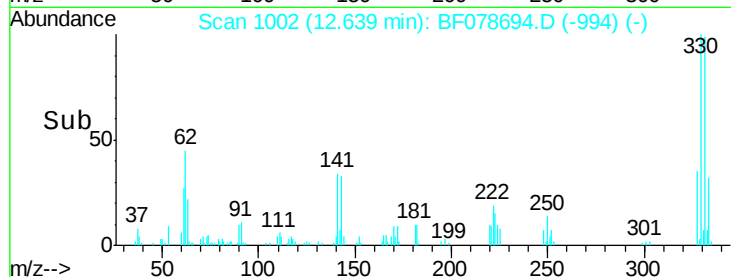
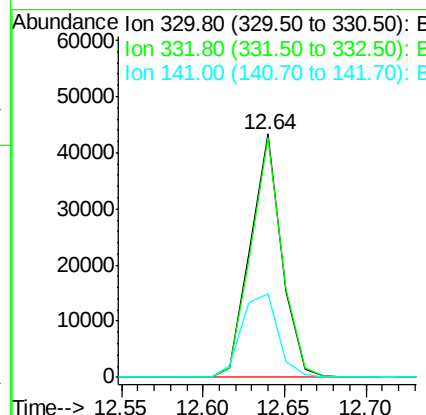
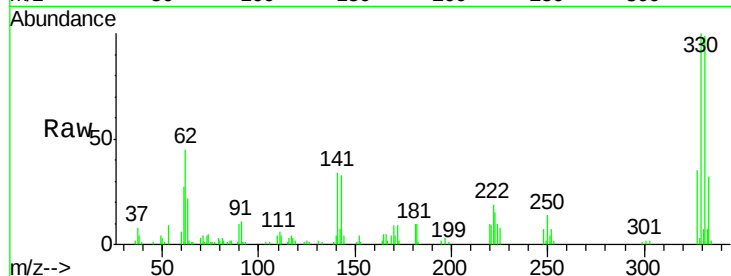




#41
 2,4,6-Tribromophenol
 Concen: 101.00 ng
 RT: 12.64 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF078694.D
 Acq: 21 Apr 2015 20:36

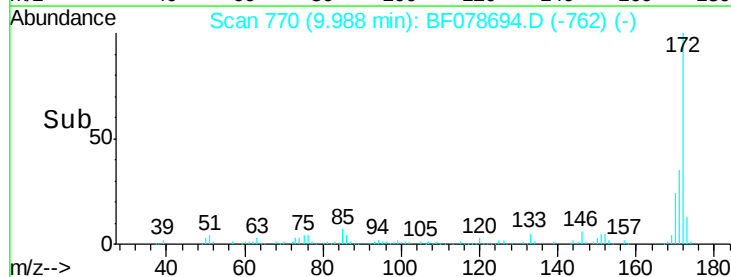
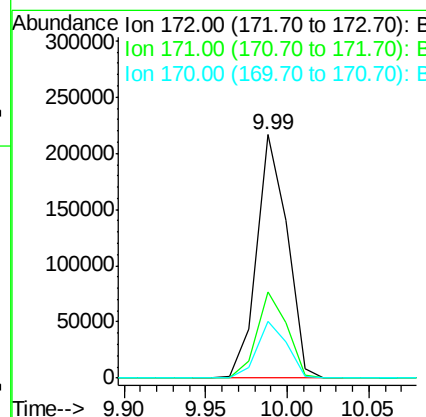
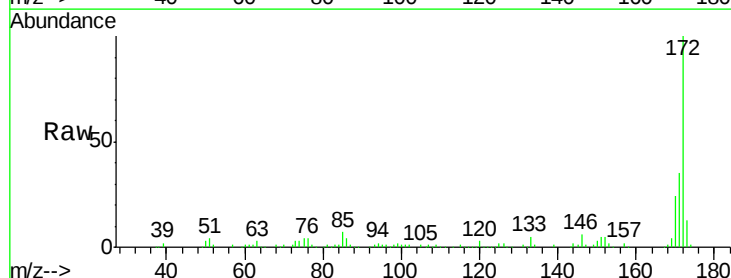
Instrument :
 BNA_F
 ClientSampleId :
 SB-65S

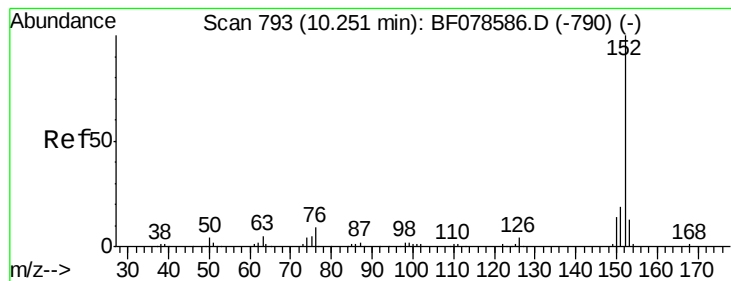
Tgt Ion:330 Resp: 57729
 Ion Ratio Lower Upper
 330 100
 332 98.8 78.6 117.8
 141 39.6 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 58.52 ng
 RT: 9.99 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF078694.D
 Acq: 21 Apr 2015 20:36

Tgt Ion:172 Resp: 282179
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 42.8
 170 23.5 18.5 27.7





#48

Acenaphthylene

Concen: 3.86 ng

RT: 10.90 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF078694.D

Acq: 21 Apr 2015 20:36

Instrument :

BNA_F

ClientSampleId :

SB-65S

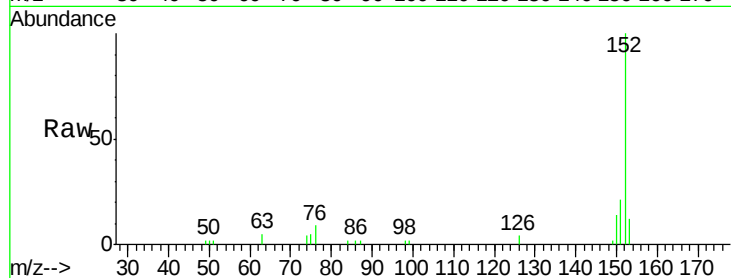
Tgt Ion:152 Resp: 27670

Ion Ratio Lower Upper

152 100

151 21.4 15.7 23.5

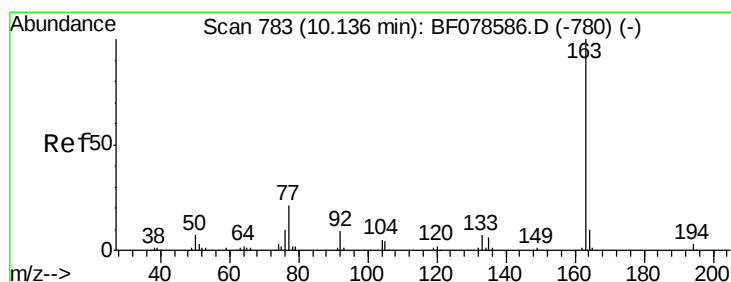
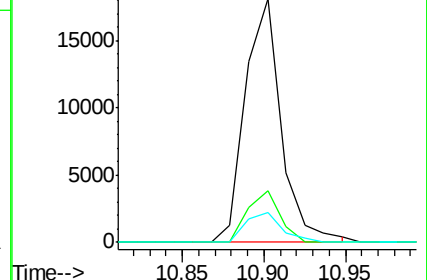
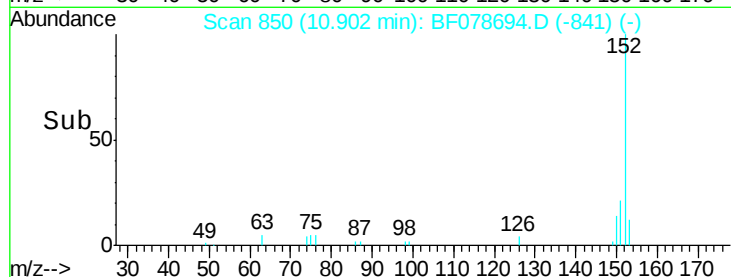
153 12.2 10.2 15.2



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



#49

Dimethylphthalate

Concen: 2.31 ng

RT: 10.80 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF078694.D

Acq: 21 Apr 2015 20:36

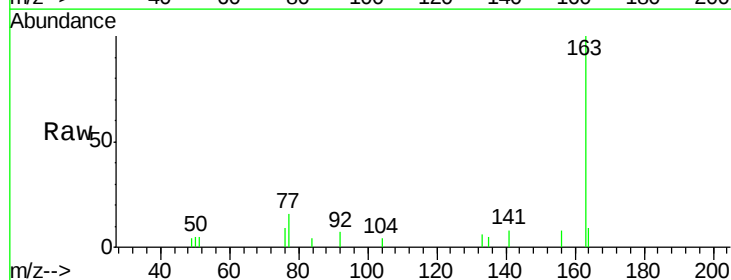
Tgt Ion:163 Resp: 11941

Ion Ratio Lower Upper

163 100

194 0.0 2.3 3.5#

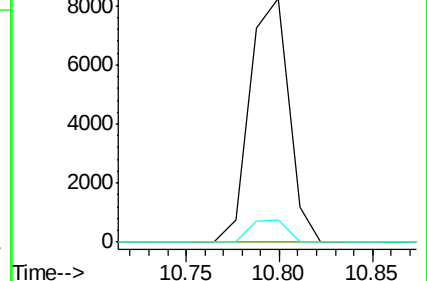
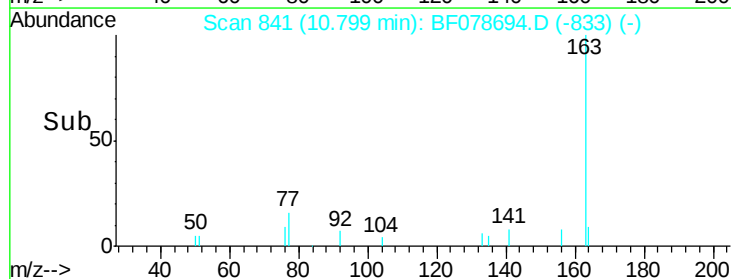
164 9.2 8.6 13.0

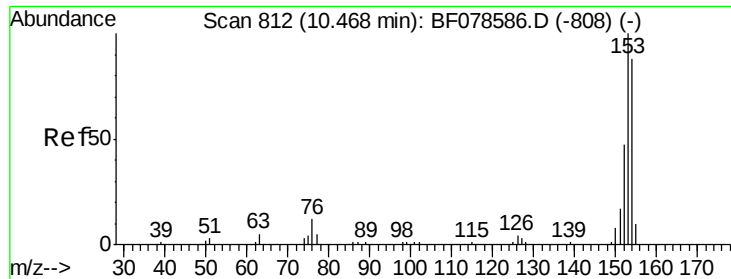


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 3.86 ng

RT: 11.22 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF078694.D

Acq: 21 Apr 2015 20:36

Instrument :

BNA_F

ClientSampleId :

SB-65S

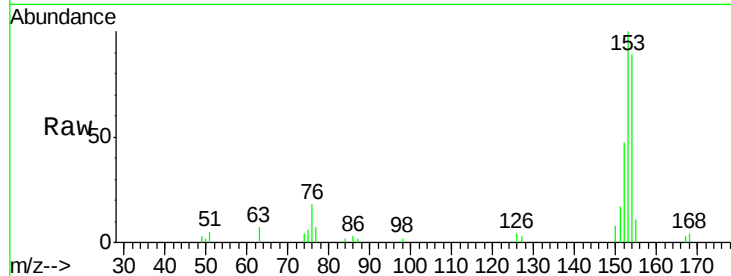
Tgt Ion:154 Resp: 15565

Ion Ratio Lower Upper

154 100

153 112.1 91.4 137.2

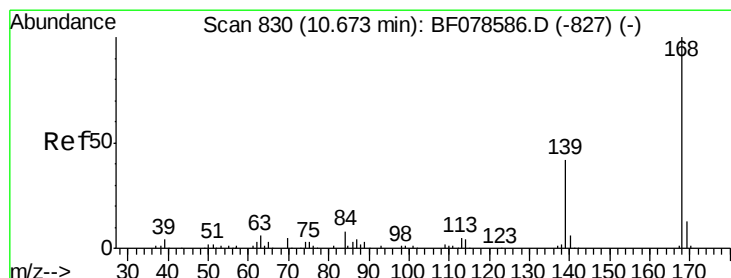
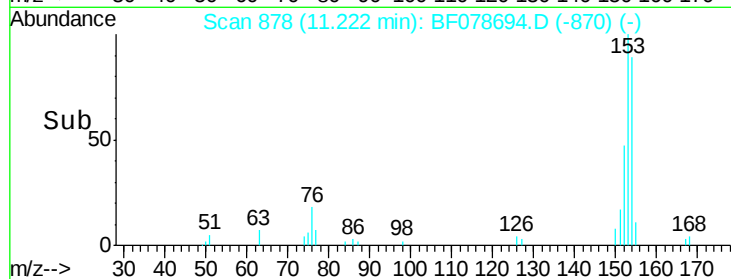
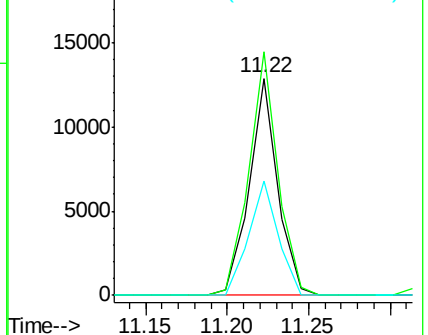
152 52.9 43.0 64.6



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: 2.38 ng

RT: 11.55 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF078694.D

Acq: 21 Apr 2015 20:36

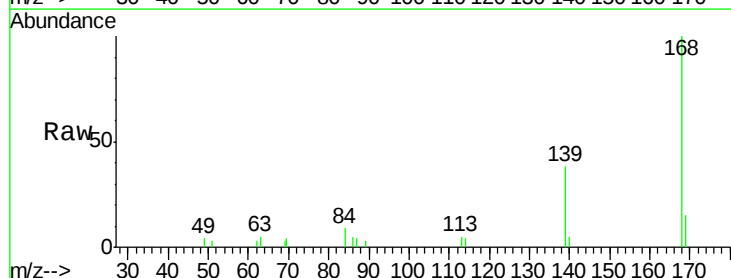
Tgt Ion:168 Resp: 14652

Ion Ratio Lower Upper

168 100

139 38.1 31.0 46.4

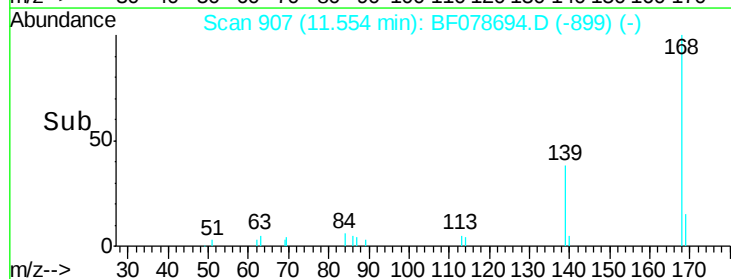
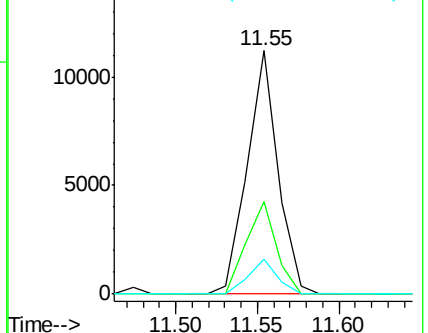
169 14.6 10.7 16.1

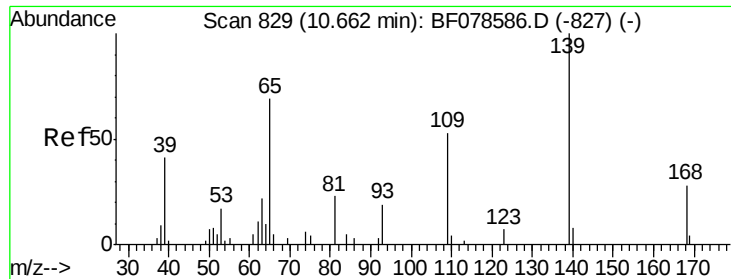


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

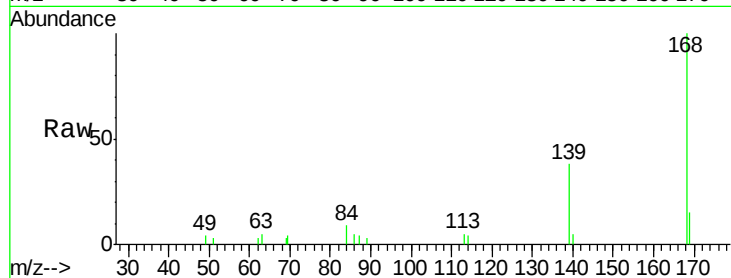




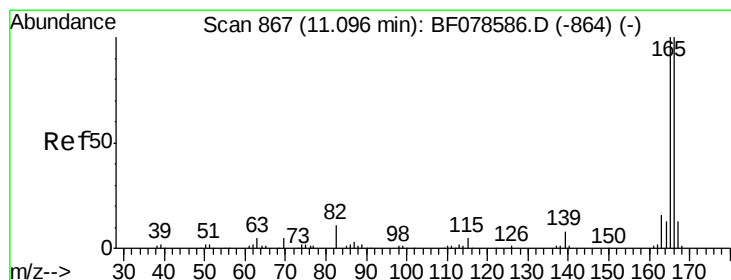
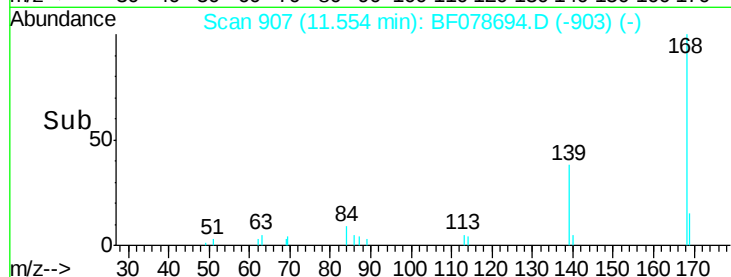
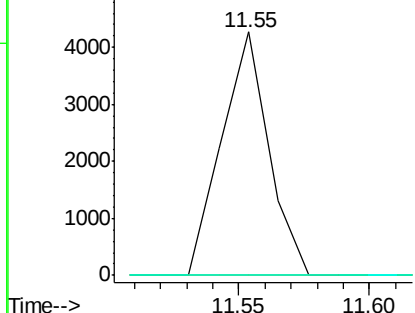
#55
4-Nitrophenol
Concen: 8.58 ng
RT: 11.55 min Scan# 907
Delta R.T. -0.06 min
Lab File: BF078694.D
Acq: 21 Apr 2015 20:36

Instrument :
BNA_F
ClientSampled :
SB-65S

Tgt Ion:139 Resp: 5369
Ion Ratio Lower Upper
139 100
109 0.0 36.7 76.7#
65 0.0 49.9 89.9#

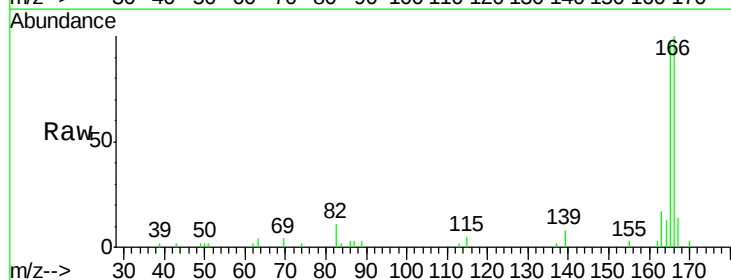


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

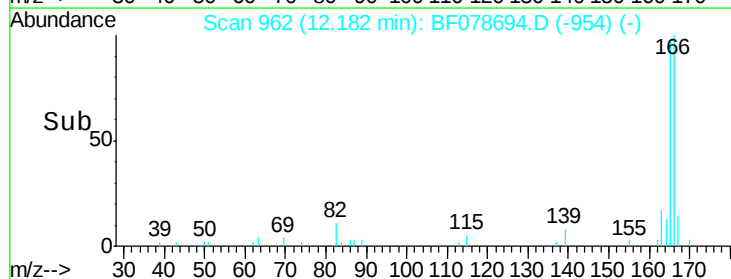
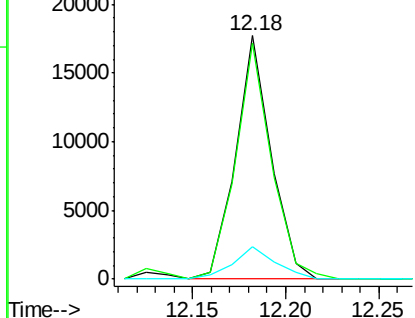


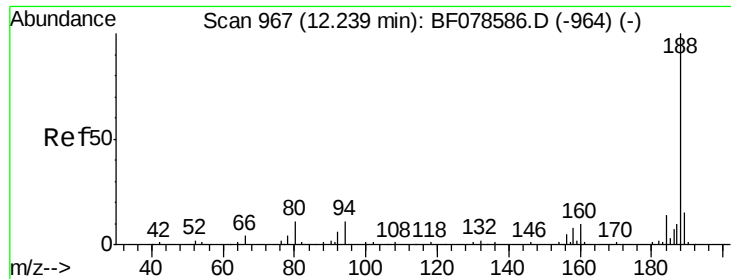
#57
Fluorene
Concen: 4.69 ng
RT: 12.18 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF078694.D
Acq: 21 Apr 2015 20:36

Tgt Ion:166 Resp: 23426
Ion Ratio Lower Upper
166 100
165 96.8 78.9 118.3
167 13.5 10.7 16.1



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

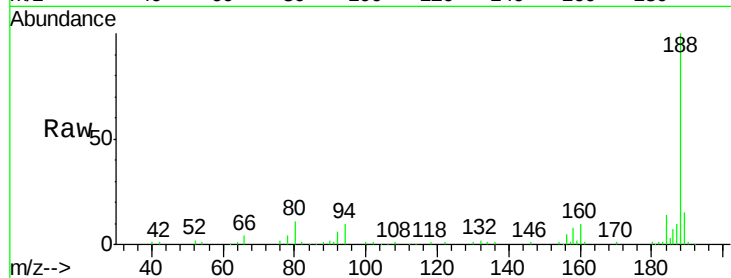




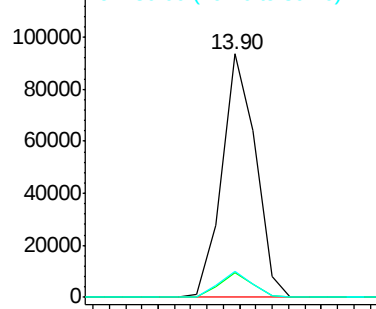
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.90 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF078694.D
Acq: 21 Apr 2015 20:36

Instrument :
BNA_F
ClientSampleId :
SB-65S

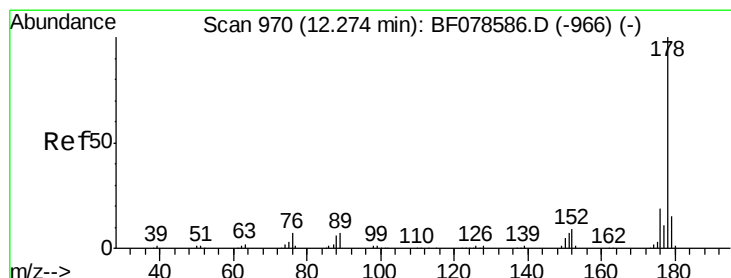
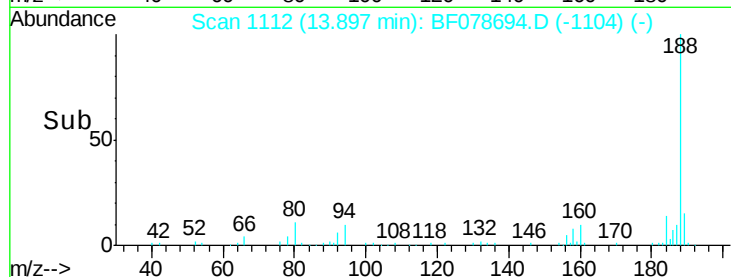
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.0	13.4
80	10.8	9.5	14.3



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

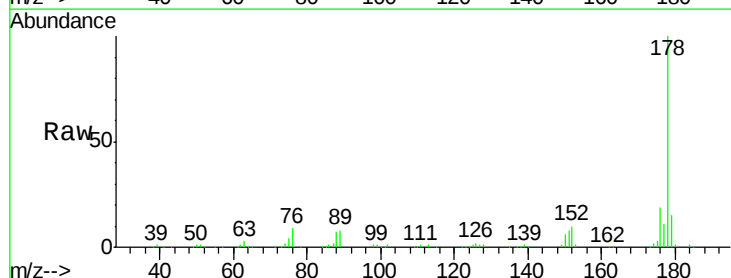


Time-->

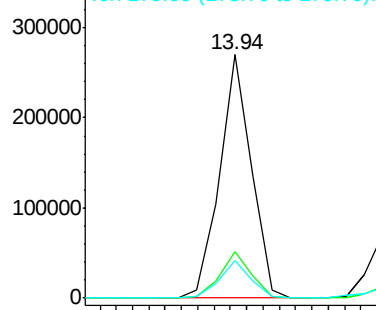


#70
Phenanthrene
Concen: 46.69 ng
RT: 13.94 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF078694.D
Acq: 21 Apr 2015 20:36

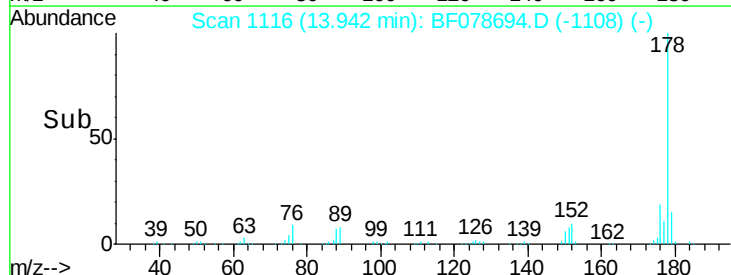
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.3	12.2	18.2

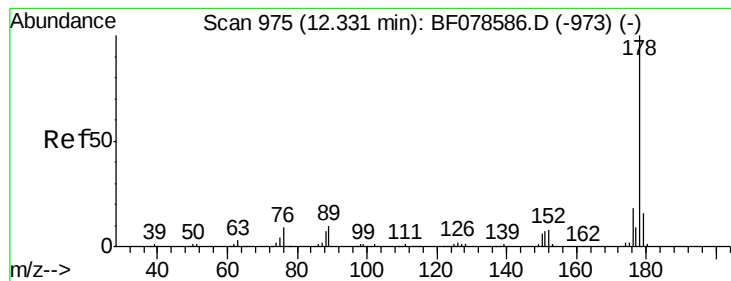


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->





#71

Anthracene

Concen: 12.12 ng

RT: 14.03 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF078694.D

Acq: 21 Apr 2015 20:36

Instrument :

BNA_F

ClientSampleId :

SB-65S

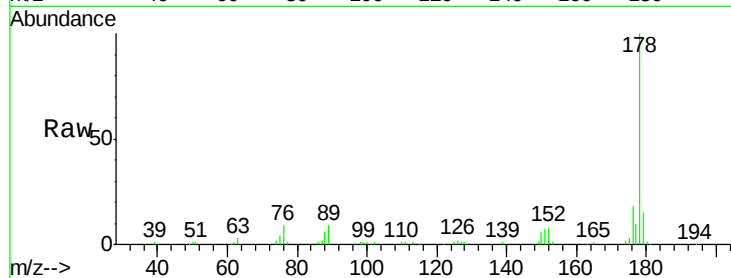
Tgt Ion:178 Resp: 92686

Ion Ratio Lower Upper

178 100

176 18.2 14.8 22.2

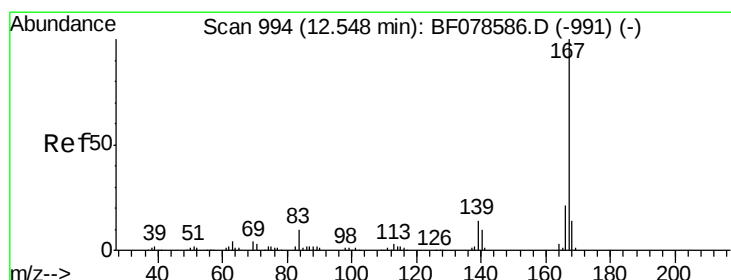
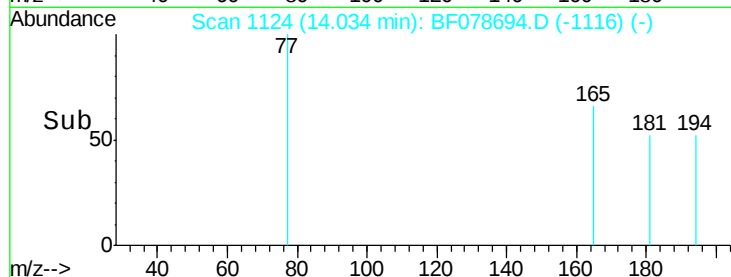
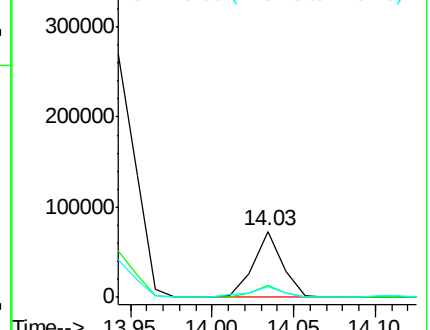
179 15.2 12.4 18.6



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: 3.79 ng

RT: 14.37 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF078694.D

Acq: 21 Apr 2015 20:36

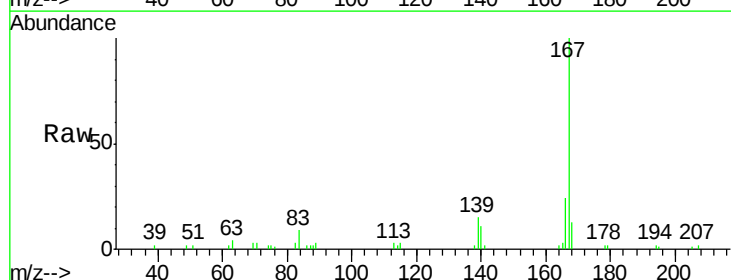
Tgt Ion:167 Resp: 27174

Ion Ratio Lower Upper

167 100

166 23.6 16.8 25.2

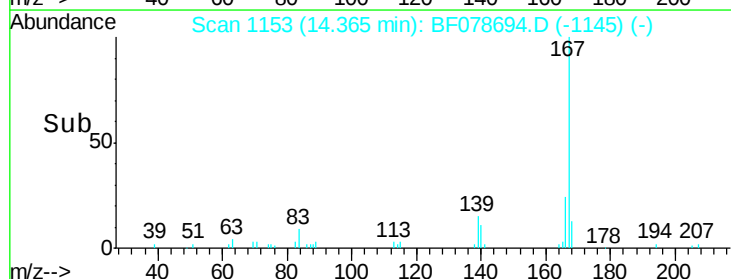
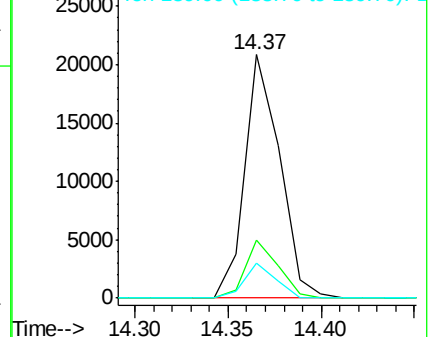
139 14.6 10.0 15.0

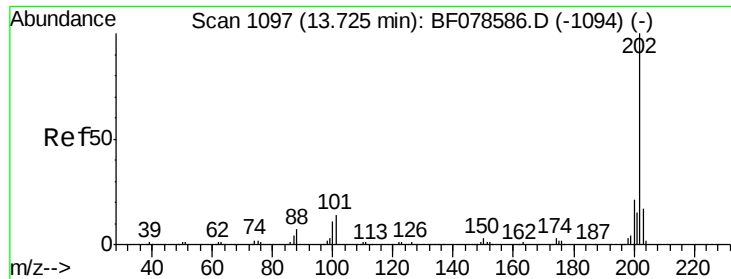


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 78.87 ng

RT: 15.84 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF078694.D

Acq: 21 Apr 2015 20:36

Instrument :

BNA_F

ClientSampleId :

SB-65S

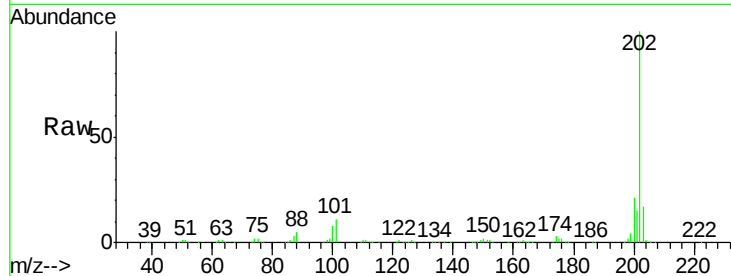
Tgt Ion:202 Resp: 645373

Ion Ratio Lower Upper

202 100

101 11.0 0.0 35.2

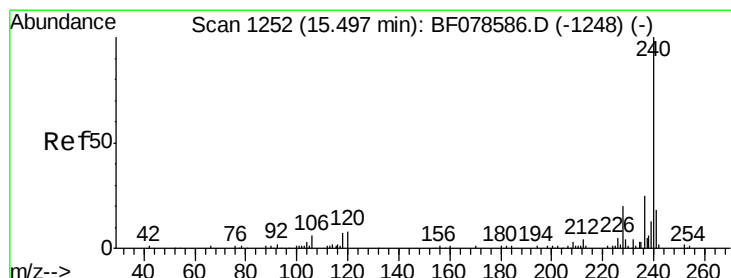
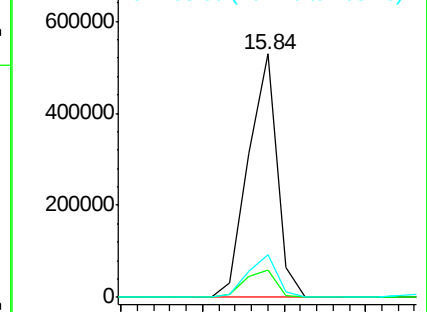
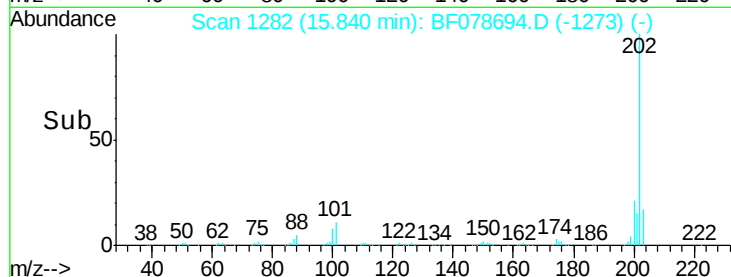
203 17.5 0.0 38.5



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: 17.77 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF078694.D

Acq: 21 Apr 2015 20:36

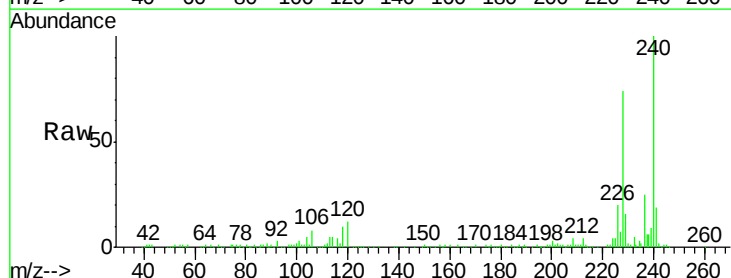
Tgt Ion:240 Resp: 145715

Ion Ratio Lower Upper

240 100

120 12.1 7.1 10.7#

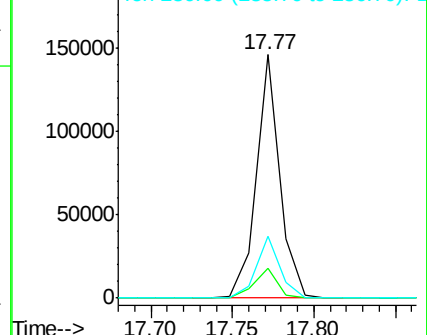
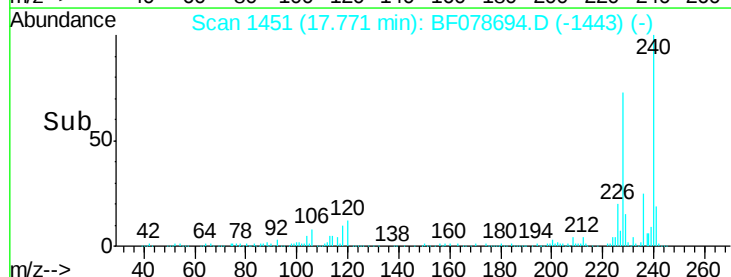
236 25.3 21.4 32.2

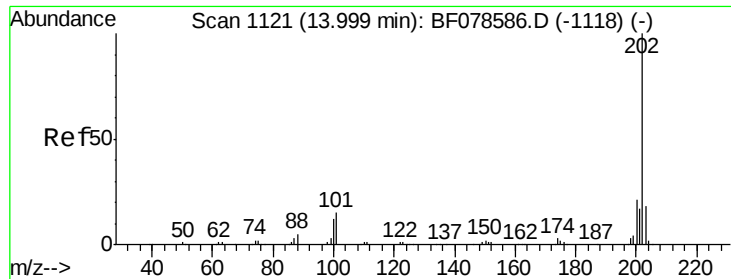


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 61.97 ng

RT: 16.15 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF078694.D

Acq: 21 Apr 2015 20:36

Instrument :

BNA_F

ClientSampleId :

SB-65S

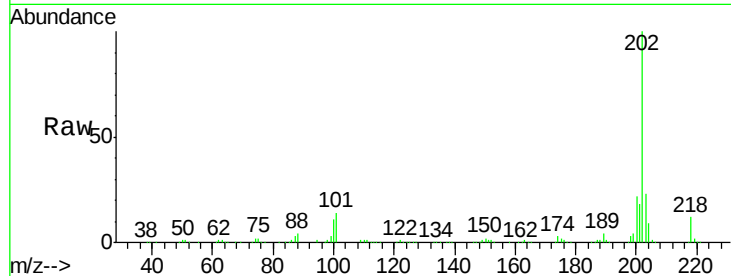
Tgt Ion:202 Resp: 566827

Ion Ratio Lower Upper

202 100

200 21.6 16.3 24.5

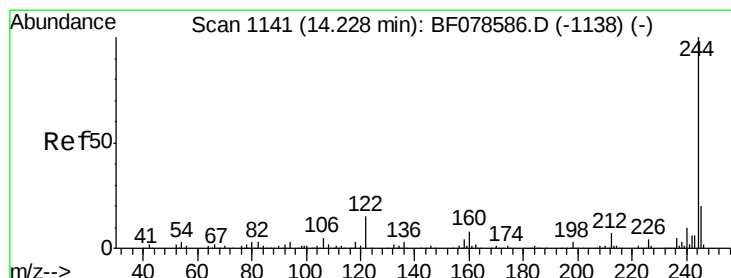
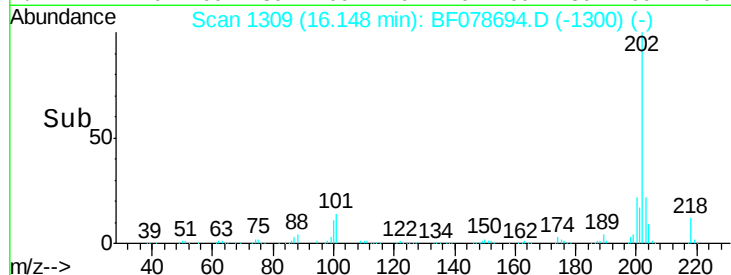
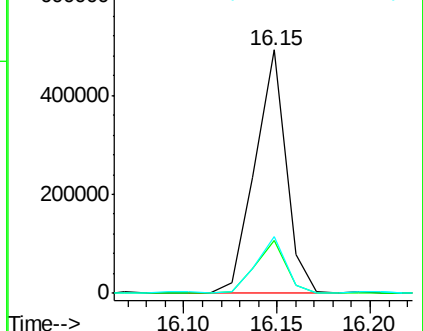
203 23.3 13.8 20.6#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 50.84 ng

RT: 16.43 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF078694.D

Acq: 21 Apr 2015 20:36

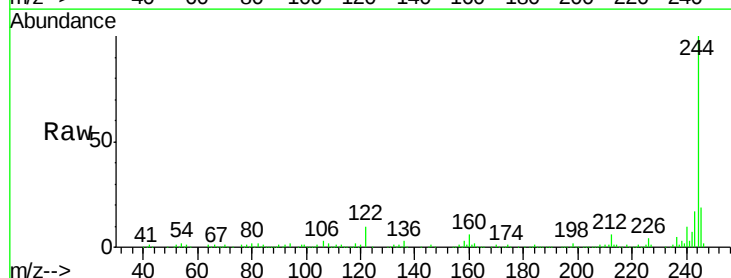
Tgt Ion:244 Resp: 327876

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

122 10.5 7.1 10.7



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

