

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042115\
 Data File : BF078695.D
 Acq On : 21 Apr 2015 21:07
 Operator : TP/IZ
 Sample : G1938-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-65AS

Quant Time: Apr 22 02:27:28 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	34116	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	142775	20.00	ng	-0.01
38) Acenaphthene-d10	11.17	164	71876	20.00	ng	-0.01
63) Phenanthrene-d10	13.90	188	144008	20.00	ng	-0.01
75) Chrysene-d12	17.77	240	150592	20.00	ng	-0.01
86) Perylene-d12	19.49	264	157142	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.84	112	234146	113.16	ng	0.01
7) Phenol-d6	5.32	99	296912	114.50	ng	0.00
23) Nitrobenzene-d5	6.75	82	177210	75.23	ng	-0.01
41) 2,4,6-Tribromophenol	12.64	330	76274	127.95	ng	-0.01
44) 2-Fluorobiphenyl	9.99	172	366439	72.87	ng	-0.01
78) Terphenyl-d14	16.43	244	413518	62.05	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.80	163	14496	2.68	ng	# 99
51) Acenaphthene	11.22	154	12586	2.99	ng	97
54) Dibenzofuran	11.55	168	13707	2.13	ng	94
55) 4-Nitrophenol	11.55	139	4591	7.53	ng	# 18
57) Fluorene	12.18	166	15169	2.91	ng	95
70) Phenanthrene	13.94	178	287014	34.45	ng	99
71) Anthracene	14.03	178	56469	6.88	ng	98
72) Carbazole	14.37	167	23315	3.03	ng	99
74) Fluoranthene	15.83	202	335164	38.15	ng	97
77) Pyrene	16.15	202	321410	34.00	ng	# 95
80) Benzo(a)anthracene	17.76	228	171392	19.13	ng	99
82) Chrysene	17.81	228	128420	15.25	ng	97
85) Indeno(1,2,3-cd)pyrene	20.65	276	80333	8.41	ng	# 86
87) Benzo(b)fluoranthene	19.05	252	218498	22.50	ng	# 94
88) Benzo(k)fluoranthene	19.05	252	218811	25.35	ng	98
89) Benzo(a)pyrene	19.42	252	127975	15.10	ng	# 94
90) Dibenzo(a,h)anthracene	20.67	278	20690	2.44	ng	# 88
91) Benzo(g,h,i)perylene	20.97	276	79594	9.36	ng	98

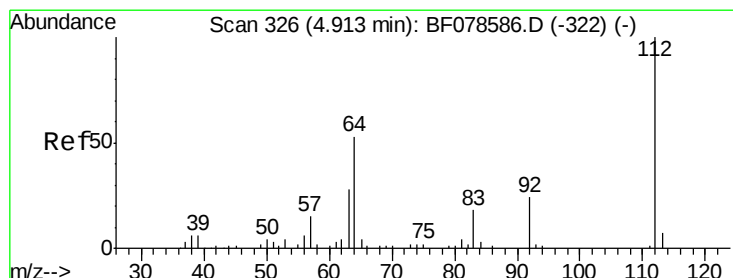
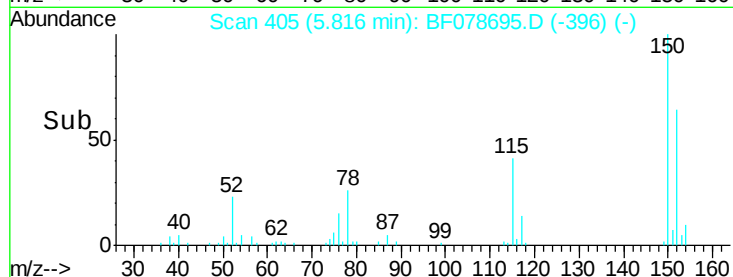
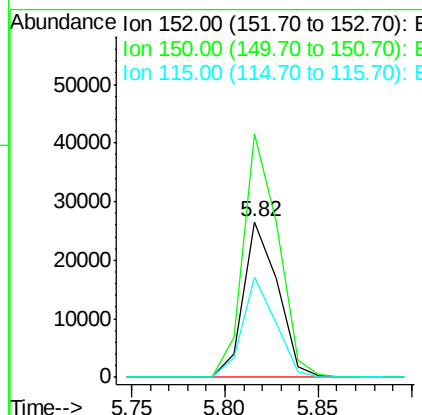
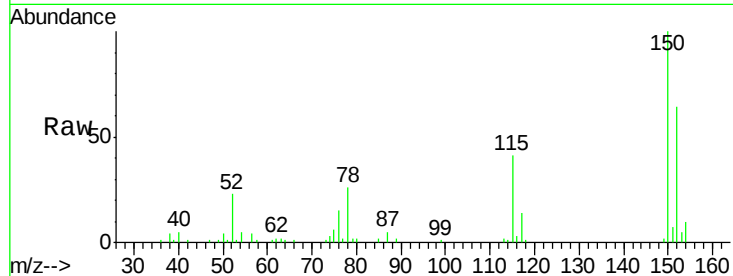
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.82 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BF078695.D
 Acq: 21 Apr 2015 21:07

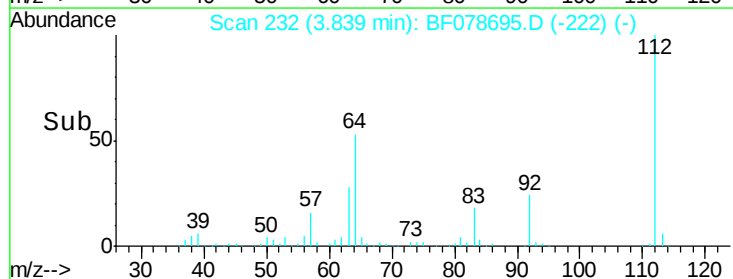
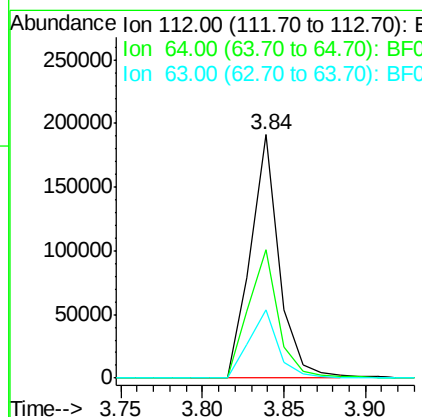
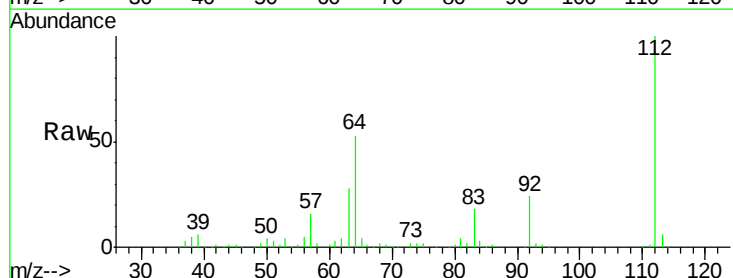
Instrument :
 BNA_F
 ClientSampleId :
 SB-65AS

Tgt Ion:152 Resp: 34116
 Ion Ratio Lower Upper
 152 100
 150 156.4 125.9 188.9
 115 64.5 52.7 79.1



#5
 2-Fluorophenol
 Concen: 113.16 ng
 RT: 3.84 min Scan# 232
 Delta R.T. 0.01 min
 Lab File: BF078695.D
 Acq: 21 Apr 2015 21:07

Tgt Ion:112 Resp: 234146
 Ion Ratio Lower Upper
 112 100
 64 53.0 39.9 59.9
 63 27.8 20.2 30.4





#7

Phenol-d6

Concen: 114.50 ng

RT: 5.32 min Scan# 362

Delta R.T. 0.00 min

Lab File: BF078695.D

Acq: 21 Apr 2015 21:07

Instrument :

BNA_F

ClientSampleId :

SB-65AS

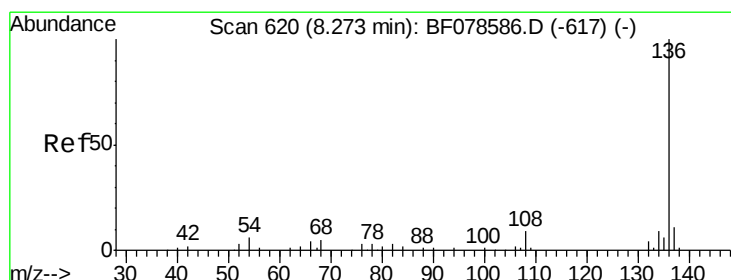
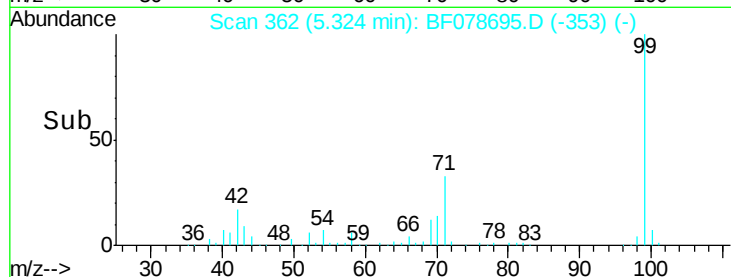
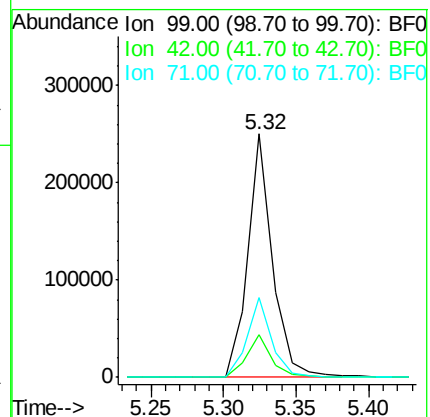
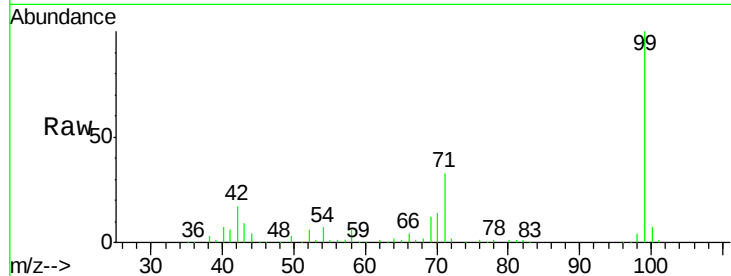
Tgt Ion: 99 Resp: 296912

Ion Ratio Lower Upper

99 100

42 17.4 14.8 22.2

71 32.8 26.6 39.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF078695.D

Acq: 21 Apr 2015 21:07

Tgt Ion: 136 Resp: 142775

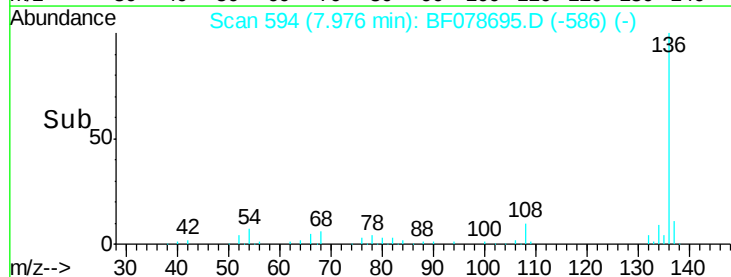
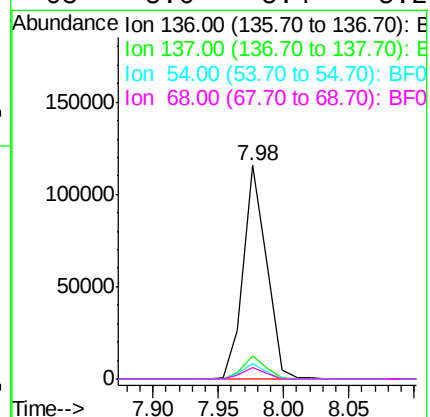
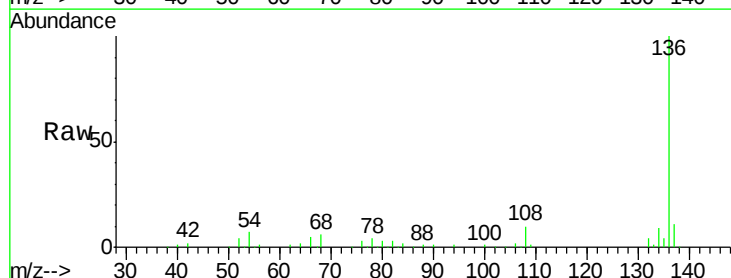
Ion Ratio Lower Upper

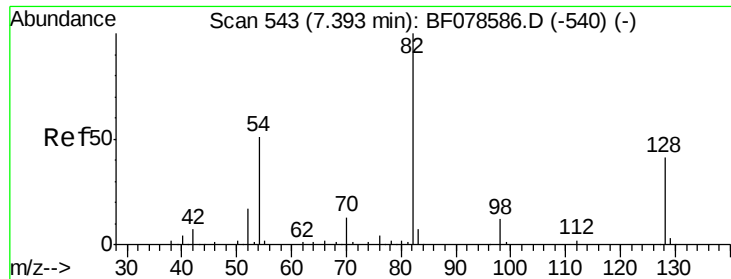
136 100

137 10.9 9.0 13.4

54 7.3 7.0 10.6

68 5.6 5.4 8.2

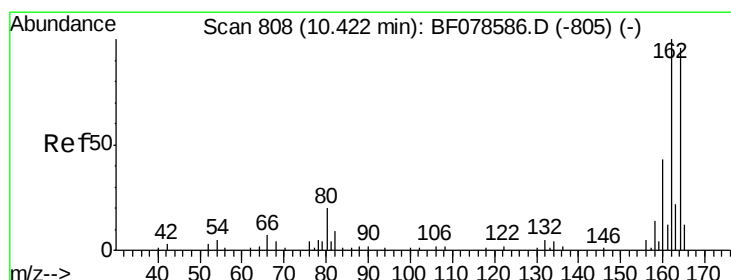
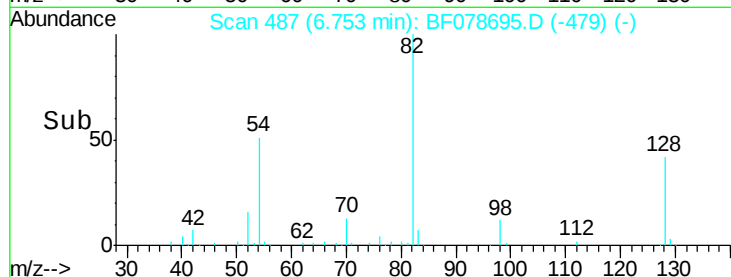
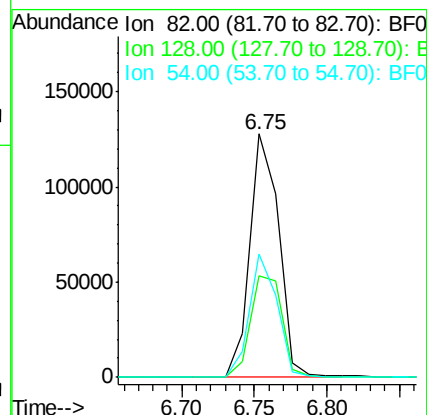
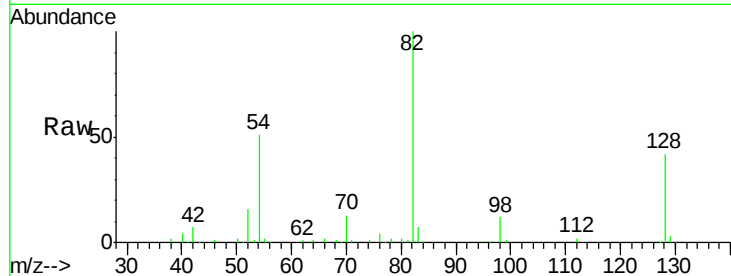




#23
 Nitrobenzene-d5
 Concen: 75.23 ng
 RT: 6.75 min Scan# 487
 Delta R.T. -0.01 min
 Lab File: BF078695.D
 Acq: 21 Apr 2015 21:07

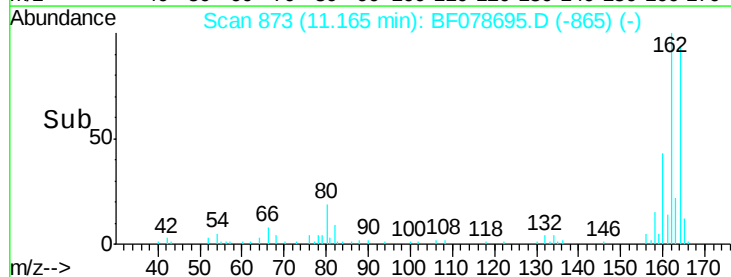
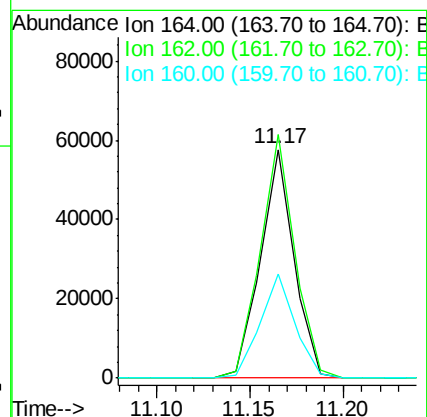
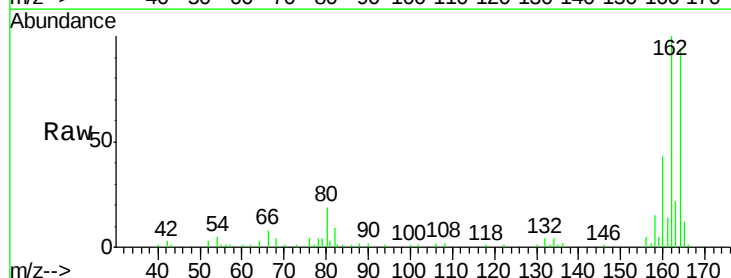
Instrument :
 BNA_F
 ClientSampleId :
 SB-65AS

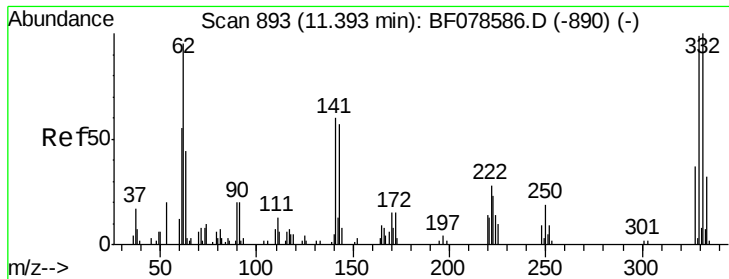
Tgt Ion: 82 Resp: 177210
 Ion Ratio Lower Upper
 82 100
 128 41.6 31.8 47.8
 54 50.9 41.5 62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BF078695.D
 Acq: 21 Apr 2015 21:07

Tgt Ion: 164 Resp: 71876
 Ion Ratio Lower Upper
 164 100
 162 106.6 82.2 123.2
 160 45.6 34.7 52.1

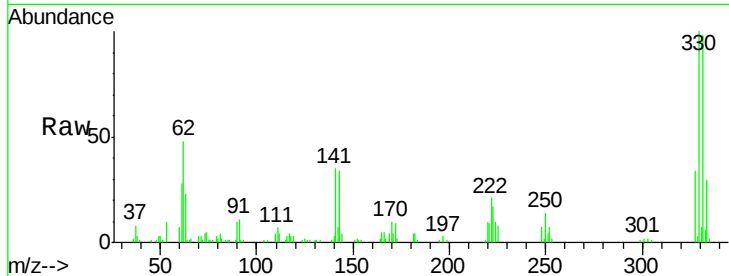




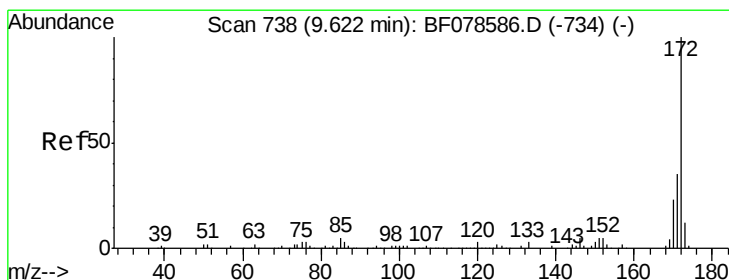
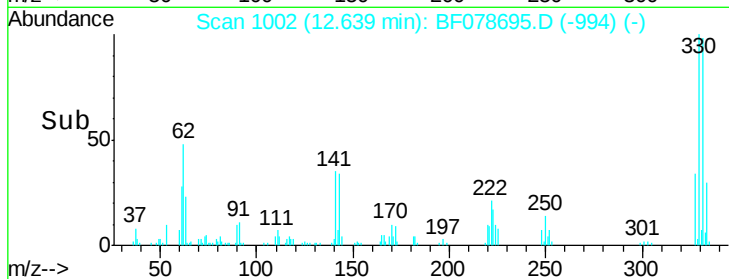
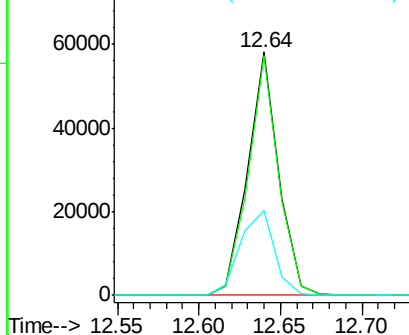
#41
 2,4,6-Tribromophenol
 Concen: 127.95 ng
 RT: 12.64 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF078695.D
 Acq: 21 Apr 2015 21:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-65AS

Tgt Ion: 330 Resp: 76274
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.6 117.8
 141 38.9 31.2 46.8

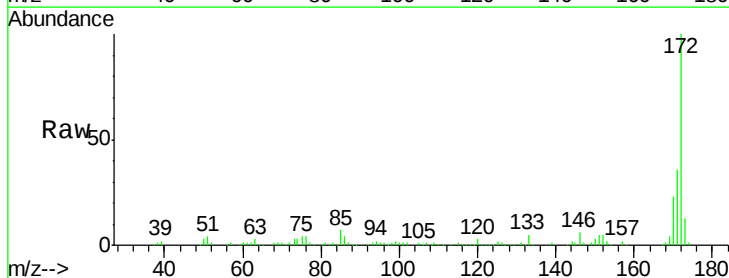


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

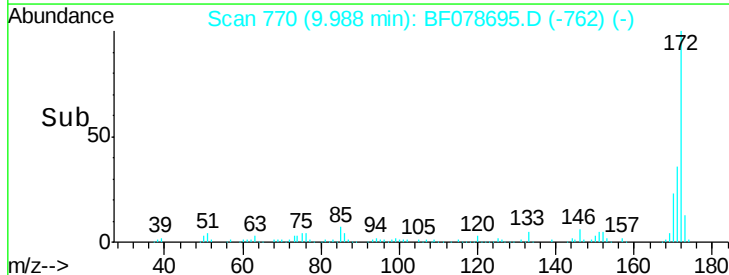
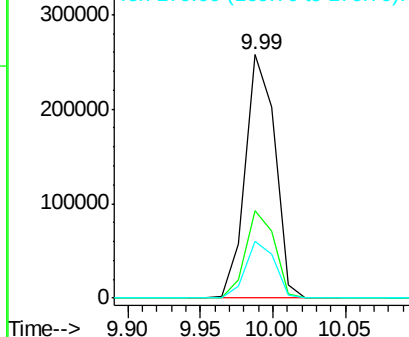


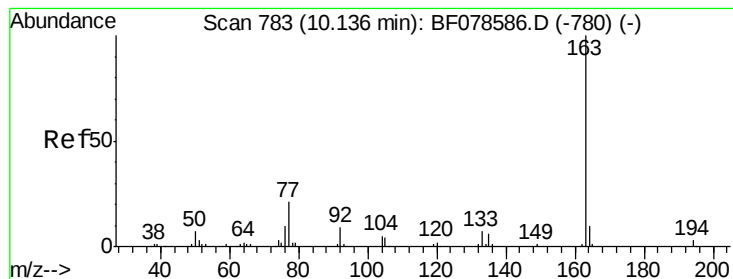
#44
 2-Fluorobiphenyl
 Concen: 72.87 ng
 RT: 9.99 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF078695.D
 Acq: 21 Apr 2015 21:07

Tgt Ion: 172 Resp: 366439
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 42.8
 170 23.4 18.5 27.7



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: 2.68 ng

RT: 10.80 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF078695.D

Acq: 21 Apr 2015 21:07

Instrument :

BNA_F

ClientSampleId :

SB-65AS

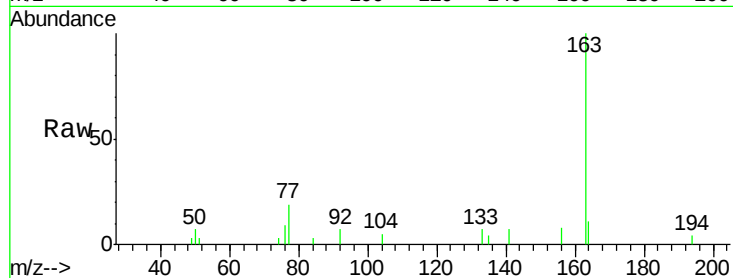
Tgt Ion:163 Resp: 14496

Ion Ratio Lower Upper

163 100

194 4.0 2.3 3.5#

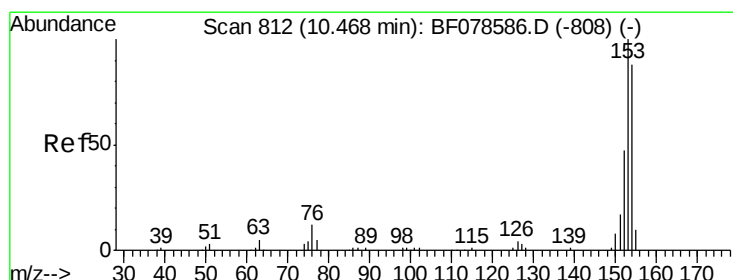
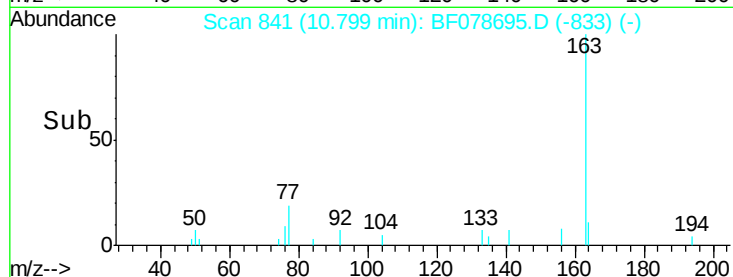
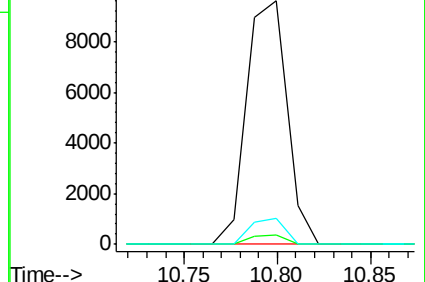
164 10.8 8.6 13.0



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: 2.99 ng

RT: 11.22 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF078695.D

Acq: 21 Apr 2015 21:07

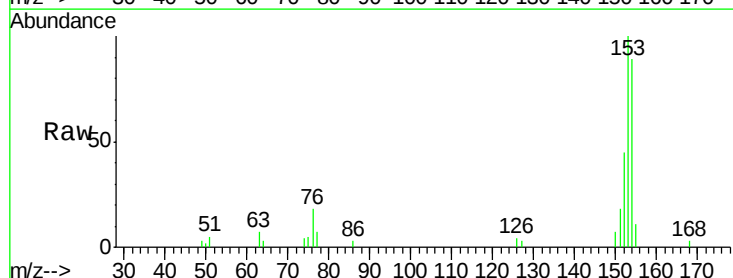
Tgt Ion:154 Resp: 12586

Ion Ratio Lower Upper

154 100

153 112.3 91.4 137.2

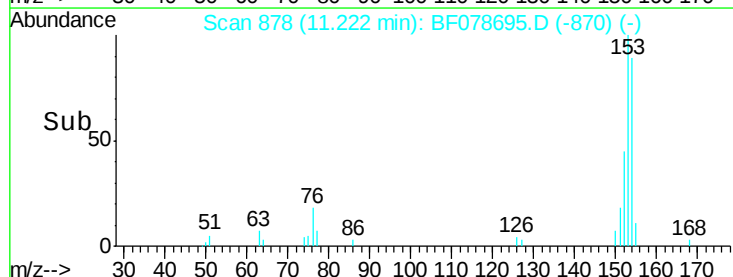
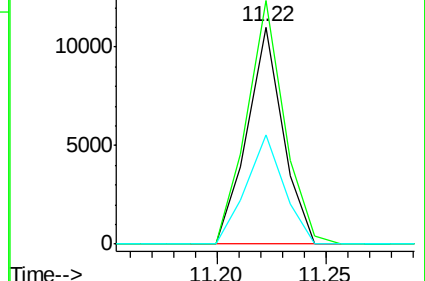
152 50.7 43.0 64.6

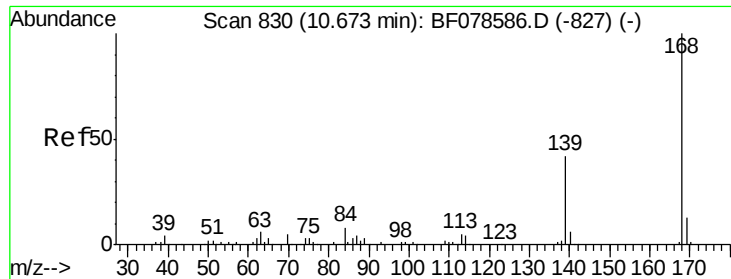


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

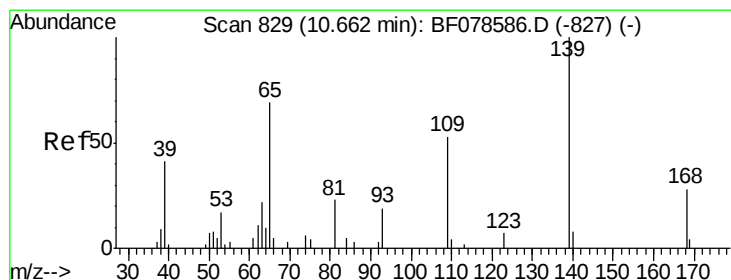
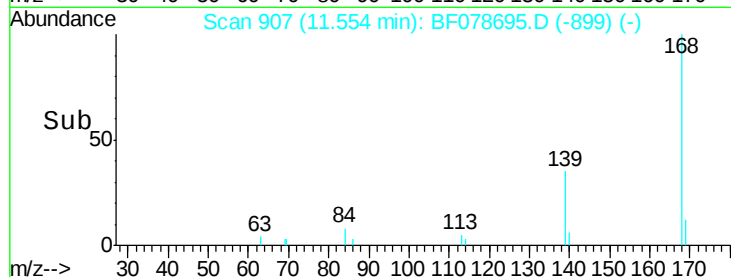
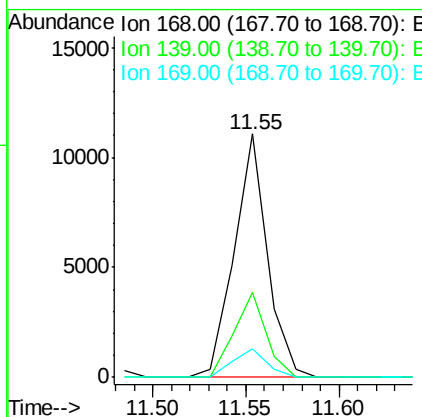
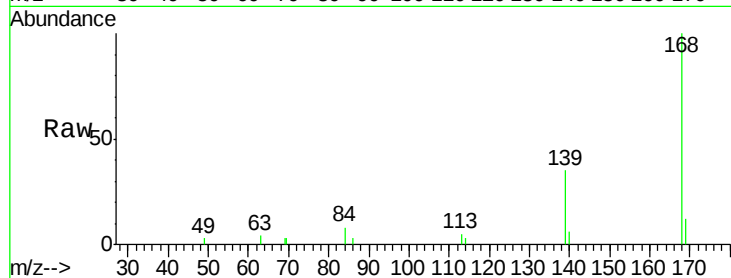




#54
Dibenzenofuran
Concen: 2.13 ng
RT: 11.55 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF078695.D
Acq: 21 Apr 2015 21:07

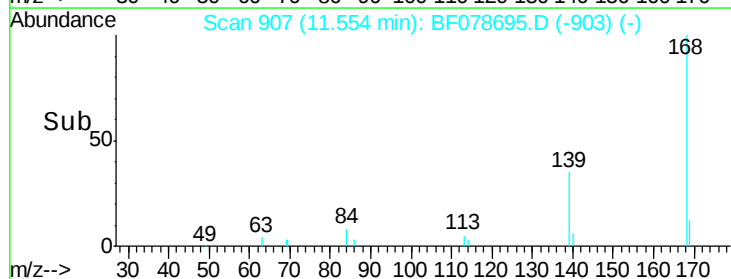
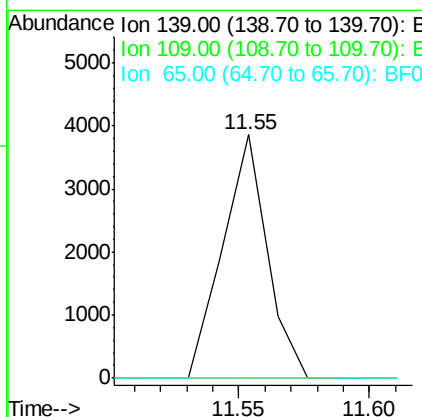
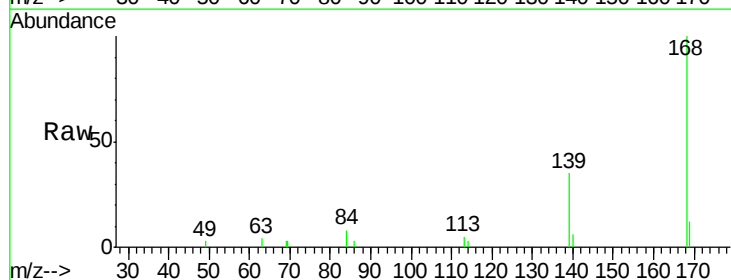
Instrument :
BNA_F
ClientSampleId :
SB-65AS

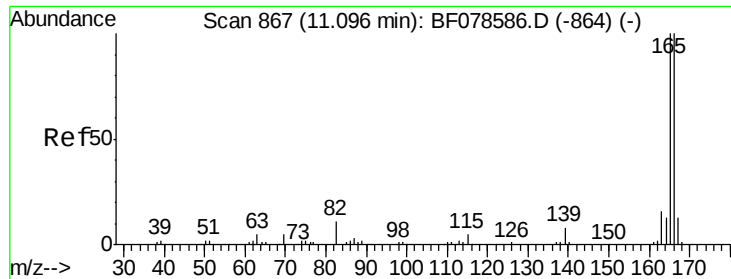
Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.9	31.0	46.4
169	11.9	10.7	16.1



#55
4-Nitrophenol
Concen: 7.53 ng
RT: 11.55 min Scan# 907
Delta R.T. -0.06 min
Lab File: BF078695.D
Acq: 21 Apr 2015 21:07

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

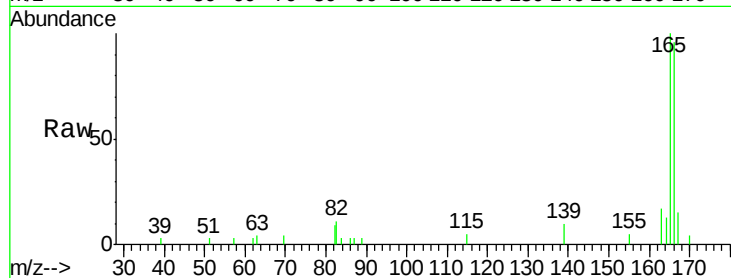




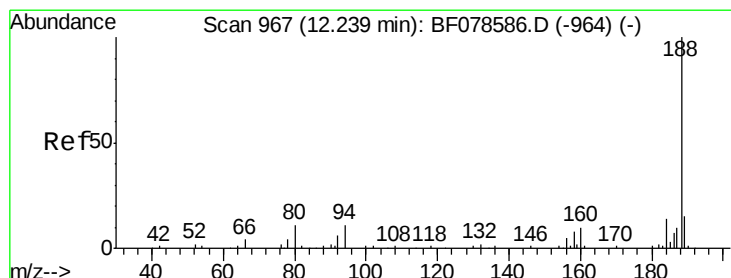
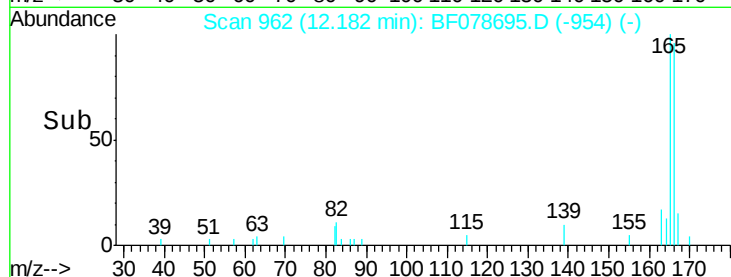
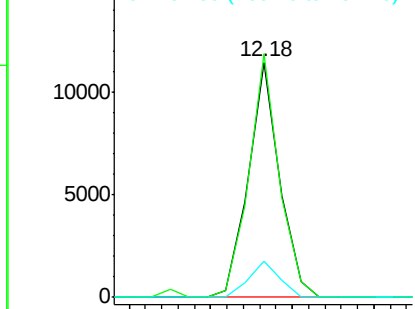
#57
Fluorene
 Concen: 2.91 ng
 RT: 12.18 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF078695.D
 Acq: 21 Apr 2015 21:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-65AS

Tgt Ion:166 Resp: 15169
 Ion Ratio Lower Upper
 166 100
 165 103.7 78.9 118.3
 167 15.3 10.7 16.1

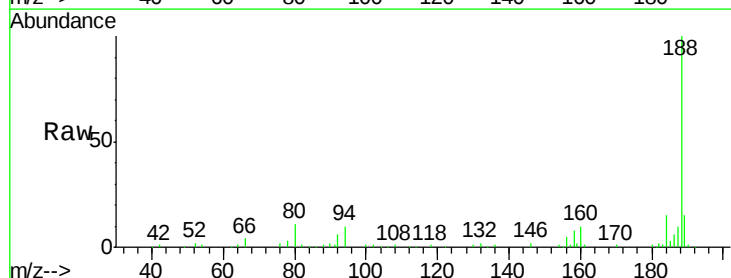


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

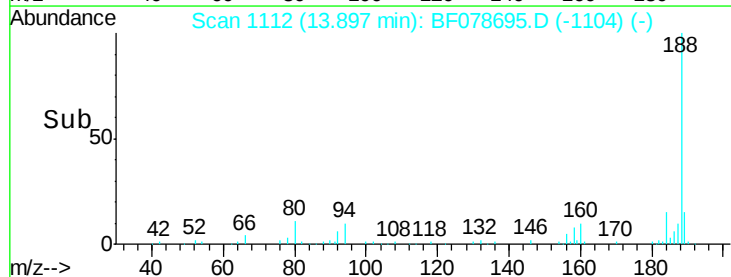
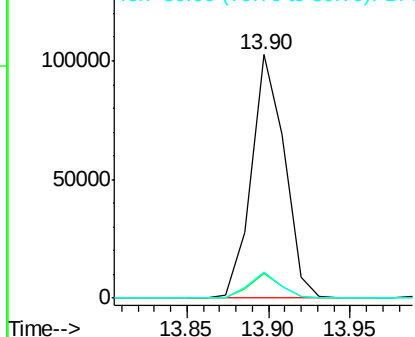


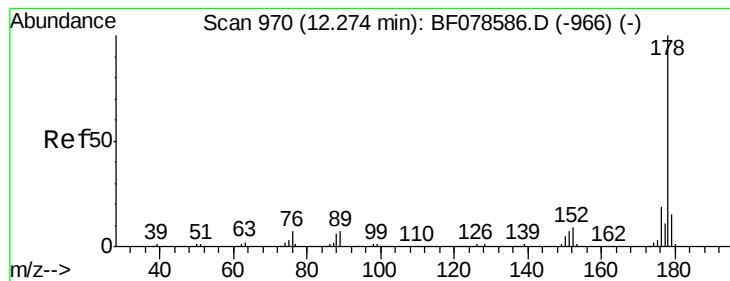
#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 13.90 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BF078695.D
 Acq: 21 Apr 2015 21:07

Tgt Ion:188 Resp: 144008
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.0 13.4
 80 10.6 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





#70

Phenanthrene

Concen: 34.45 ng

RT: 13.94 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BF078695.D

Acq: 21 Apr 2015 21:07

Instrument :

BNA_F

ClientSampleId :

SB-65AS

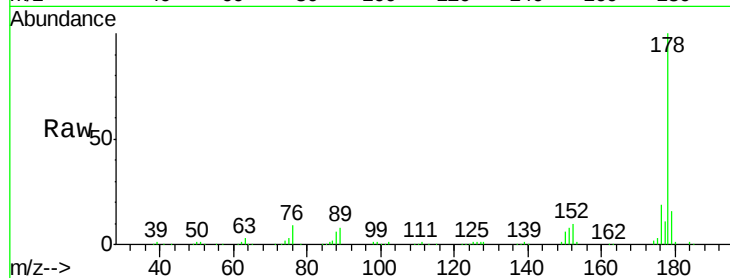
Tgt Ion:178 Resp: 287014

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

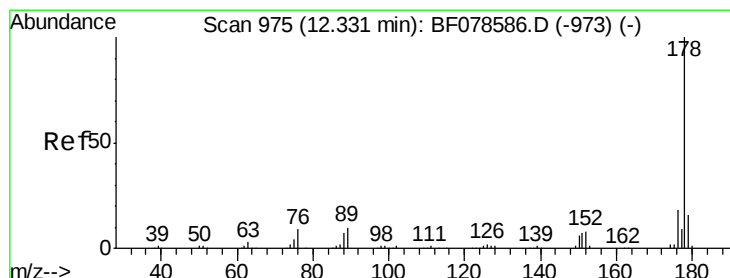
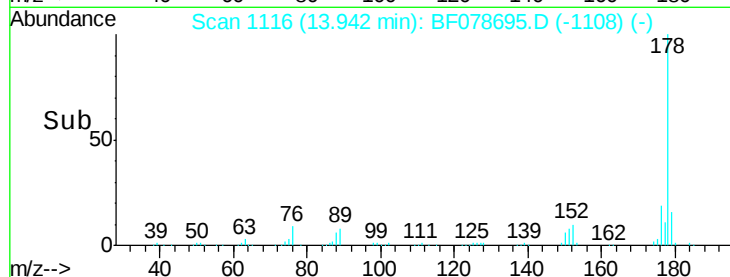
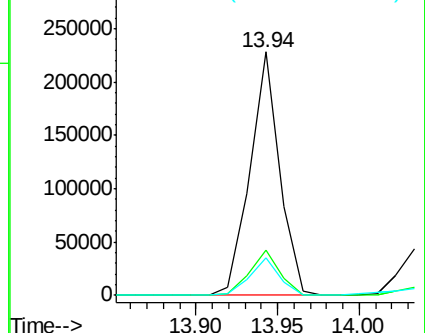
179 15.5 12.2 18.2



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



#71

Anthracene

Concen: 6.88 ng

RT: 14.03 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF078695.D

Acq: 21 Apr 2015 21:07

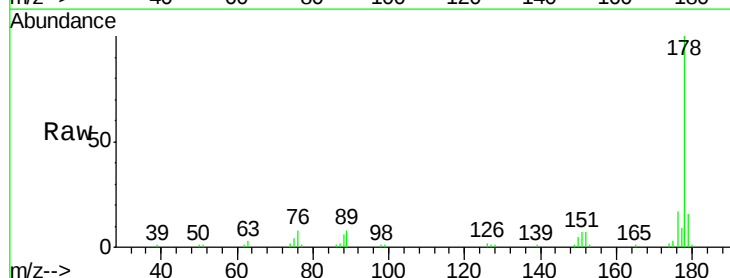
Tgt Ion:178 Resp: 56469

Ion Ratio Lower Upper

178 100

176 16.7 14.8 22.2

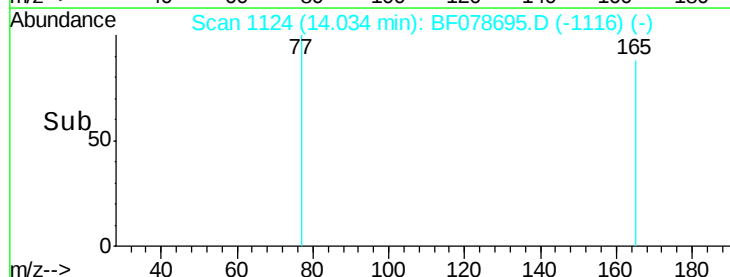
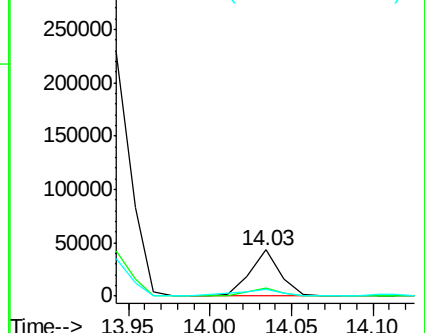
179 15.8 12.4 18.6

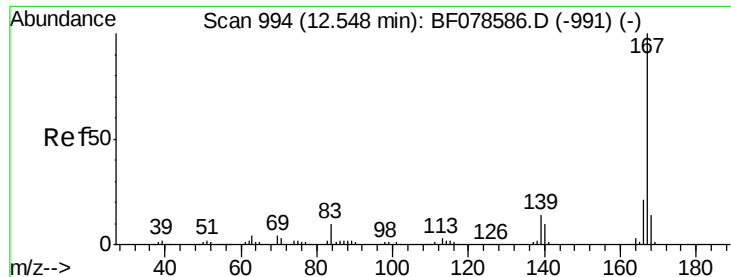


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 3.03 ng

RT: 14.37 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF078695.D

Acq: 21 Apr 2015 21:07

Instrument :

BNA_F

ClientSampleId :

SB-65AS

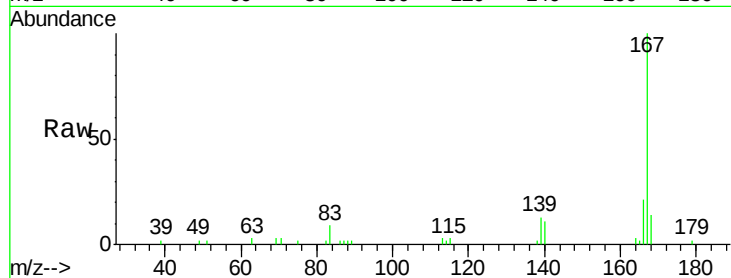
Tgt Ion:167 Resp: 23315

Ion Ratio Lower Upper

167 100

166 20.7 16.8 25.2

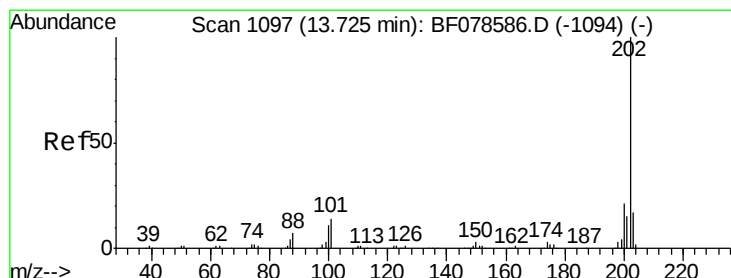
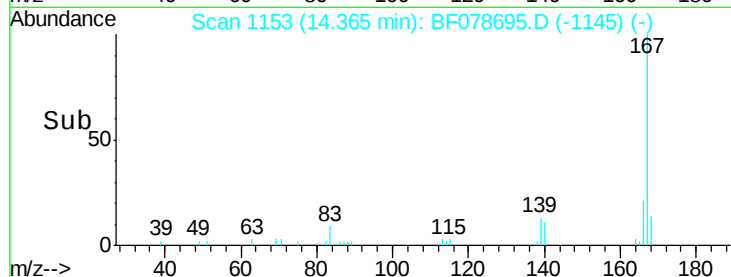
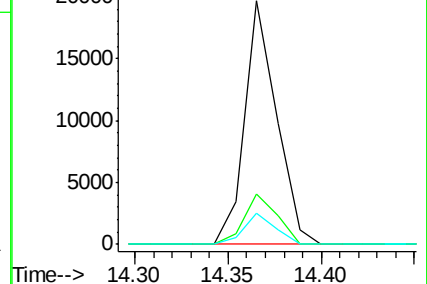
139 12.7 10.0 15.0



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: 38.15 ng

RT: 15.83 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF078695.D

Acq: 21 Apr 2015 21:07

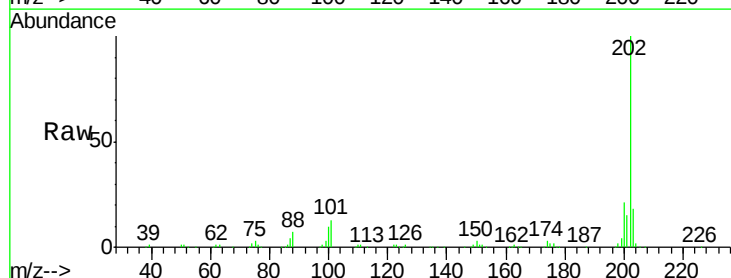
Tgt Ion:202 Resp: 335164

Ion Ratio Lower Upper

202 100

101 13.2 0.0 35.2

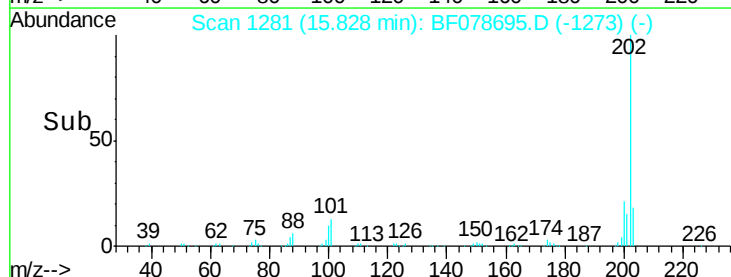
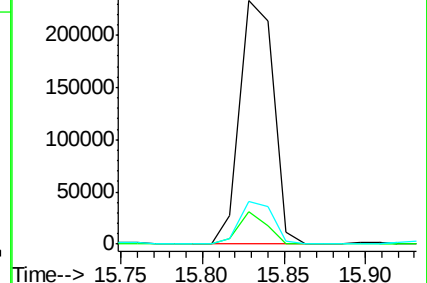
203 17.7 0.0 38.5

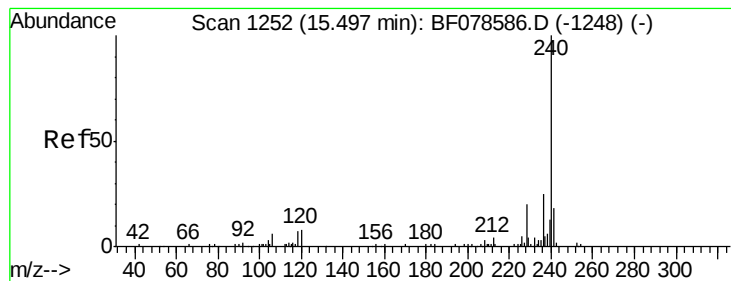


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF078695.D

Acq: 21 Apr 2015 21:07

Instrument :

BNA_F

ClientSampleId :

SB-65AS

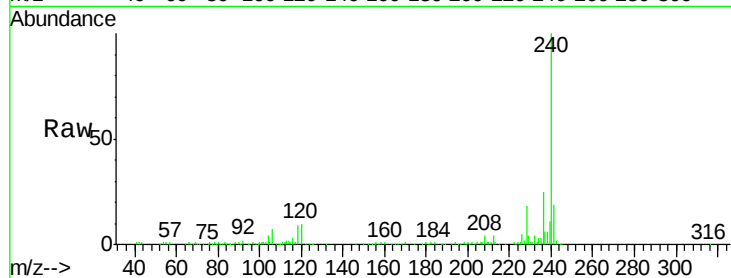
Tgt Ion:240 Resp: 150592

Ion Ratio Lower Upper

240 100

120 10.2 7.1 10.7

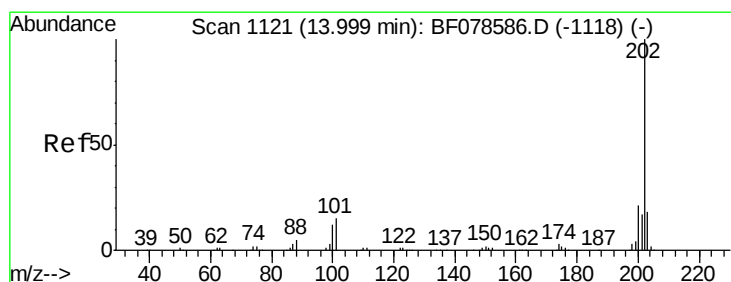
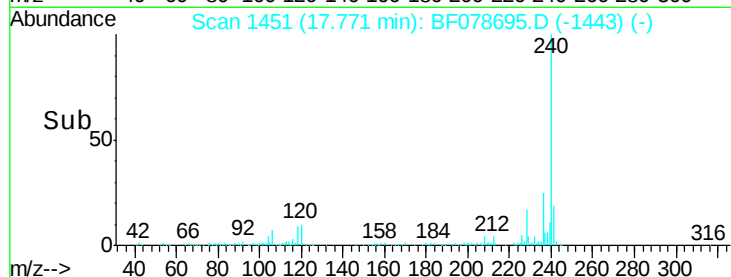
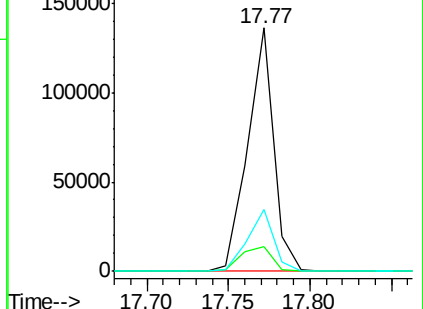
236 25.3 21.4 32.2



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: 34.00 ng

RT: 16.15 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF078695.D

Acq: 21 Apr 2015 21:07

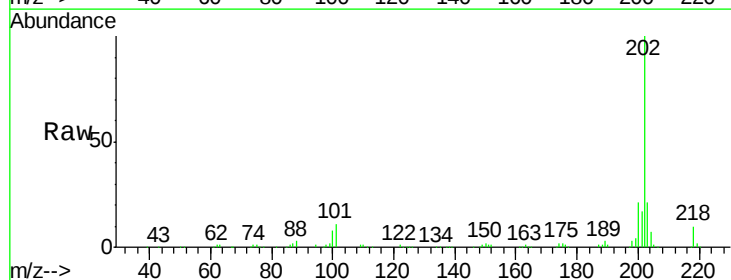
Tgt Ion:202 Resp: 321410

Ion Ratio Lower Upper

202 100

200 21.2 16.3 24.5

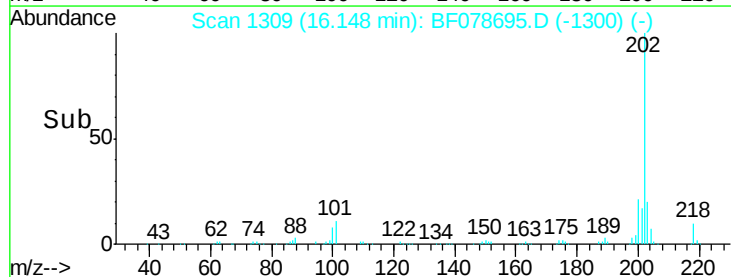
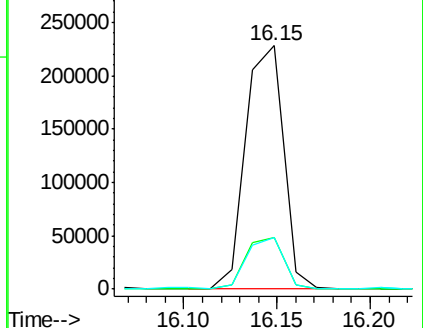
203 21.3 13.8 20.6#

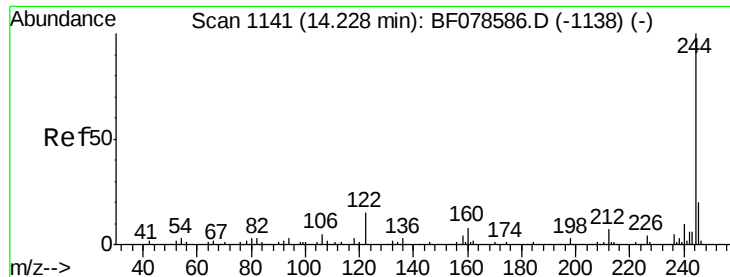


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

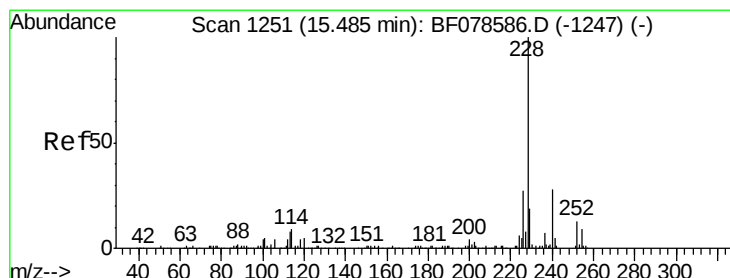
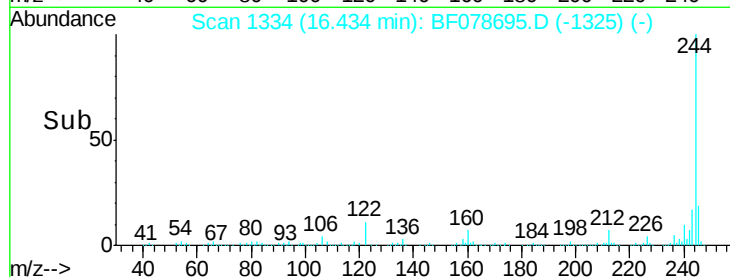
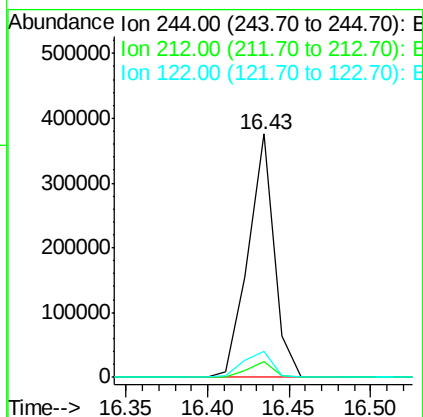
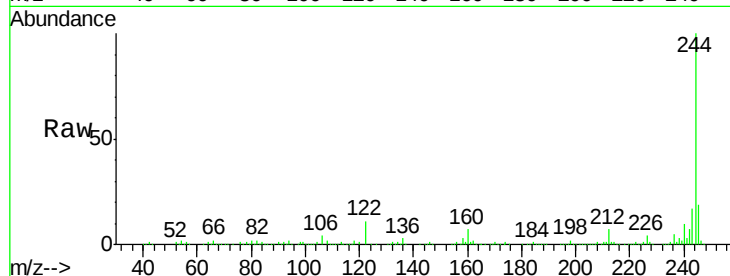




#78
 Terphenyl-d14
 Concen: 62.05 ng
 RT: 16.43 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF078695.D
 Acq: 21 Apr 2015 21:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-65AS

Tgt Ion:244 Resp: 413518
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 10.8 7.1 10.7#



#80
 Benzo(a)anthracene
 Concen: 19.13 ng
 RT: 17.76 min Scan# 1450
 Delta R.T. 0.00 min
 Lab File: BF078695.D
 Acq: 21 Apr 2015 21:07

Tgt Ion:228 Resp: 171392
 Ion Ratio Lower Upper
 228 100
 226 26.7 21.3 31.9
 229 19.9 15.4 23.2

