

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095997.D
 Acq On : 17 Jun 2017 14:42
 Operator : SJ/MA
 Sample : I3683-02 10X
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 19 01:11:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	74950	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	304060	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	121891	20.00	ng	-0.01
63) Phenanthrene-d10	14.57	188	178787	20.00	ng	0.00
75) Chrysene-d12	18.30	240	148025	20.00	ng	0.00
86) Perylene-d12	19.96	264	130209	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	15415	3.28	ng	0.12
7) Phenol-d6	6.99	99	31890	5.66	ng	0.08
23) Nitrobenzene-d5	8.29	82	20277	4.14	ng	0.04
41) 2,4,6-Tribromophenol	13.49	330	6097	5.65	ng	0.01
44) 2-Fluorobiphenyl	11.13	172	56590	6.46	ng	-0.01
78) Terphenyl-d14	16.94	244	35256	5.91	ng	-0.01

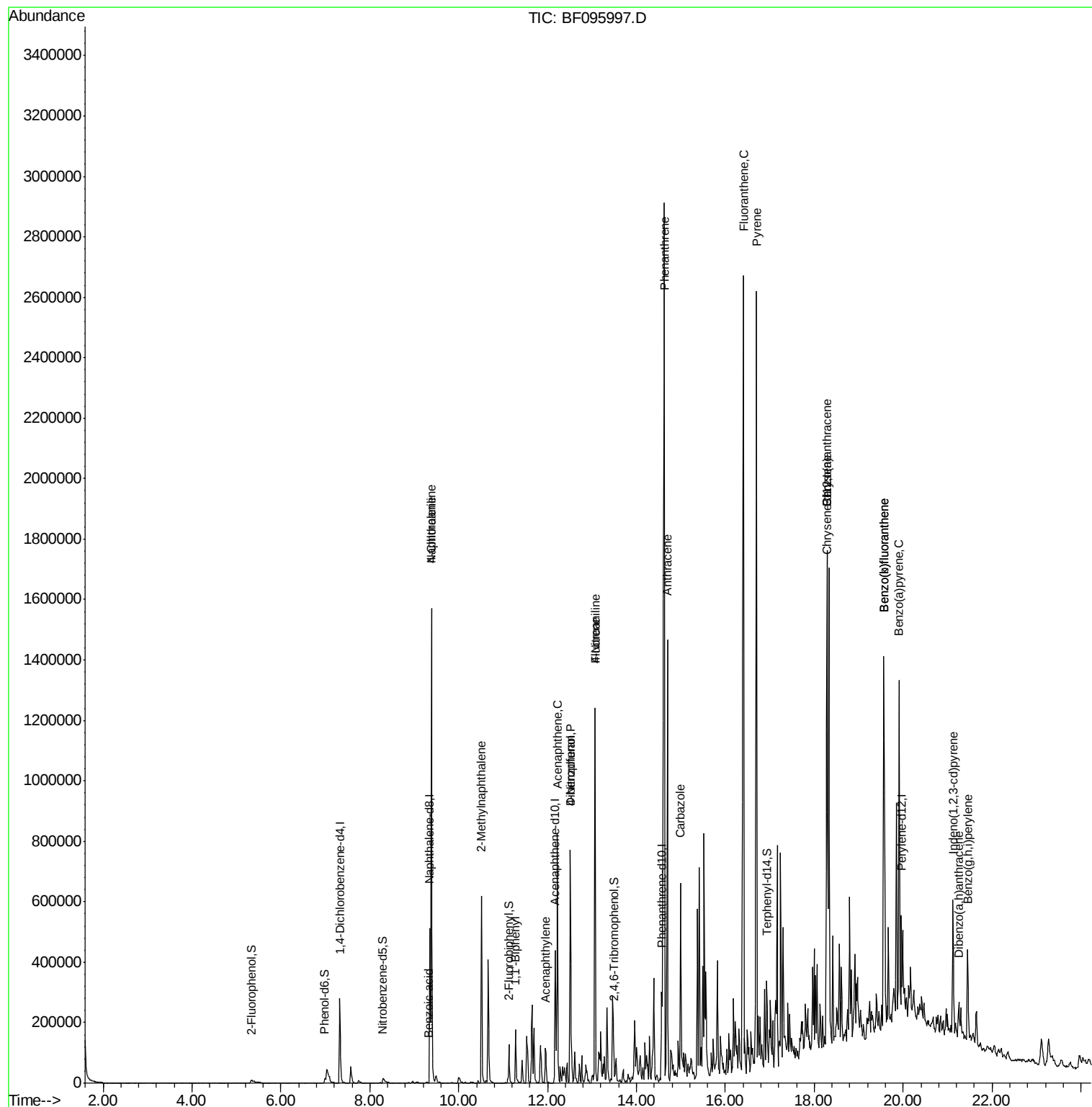
Target Compounds				Qvalue		
31) Naphthalene	9.39	128	1077660	70.62	ng	100
32) Benzoic acid	9.32	122	1240	5.53	ng	# 1
33) 4-Chloroaniline	9.39	127	143259	24.02	ng	# 34
37) 2-Methylnaphthalene	10.51	142	257687	24.99	ng	97
45) 1,1'-Biphenyl	11.28	154	84162	8.38	ng	97
48) Acenaphthylene	11.95	152	63007	4.69	ng	95
51) Acenaphthene	12.22	154	249065	32.13	ng	98
54) Dibenzofuran	12.51	168	457948	41.97	ng	98
55) 4-Nitrophenol	12.51	139	165161	117.95	ng	# 27
57) Fluorene	13.07	166	488938	51.50	ng	99
61) 4-Nitroaniline	13.07	138	5270	2.40	ng	# 25
70) Phenanthrene	14.63	178	2393611	232.03	ng	99
71) Anthracene	14.70	178	816247	75.79	ng	98
72) Carbazole	14.99	167	367641	35.03	ng	97
74) Fluoranthene	16.41	202	1877814	183.91	ng	99
77) Pyrene	16.71	202	1458255	132.03	ng	99
80) Benzo(a)anthracene	18.29	228	825396	95.91	ng	98
82) Chrysene	18.29	228	825396	95.97	ng	94
85) Indeno(1,2,3-cd)pyrene	21.12	276	233780	31.77	ng	96
87) Benzo(b)fluoranthene	19.57	252	970712	119.06	ng	97
88) Benzo(k)fluoranthene	19.57	252	970712	124.56	ng	98
89) Benzo(a)pyrene	19.91	252	510404	68.11	ng	96
90) Dibenzo(a,h)anthracene	21.24	278	58059	9.13	ng	98
91) Benzo(g,h,i)perylene	21.45	276	206336	31.84	ng	97

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

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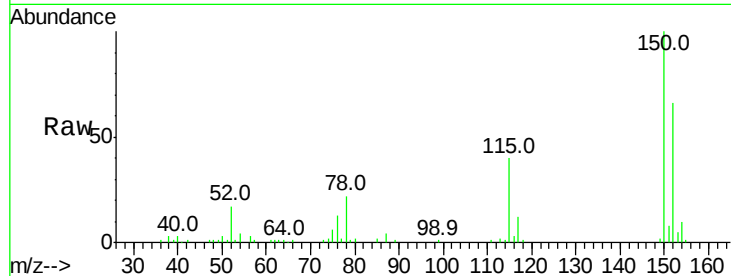


#1

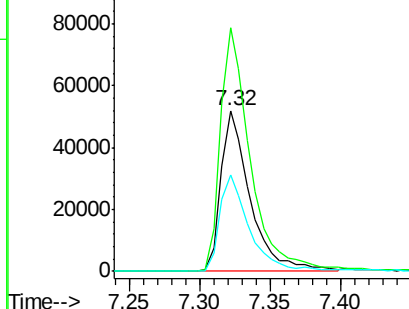
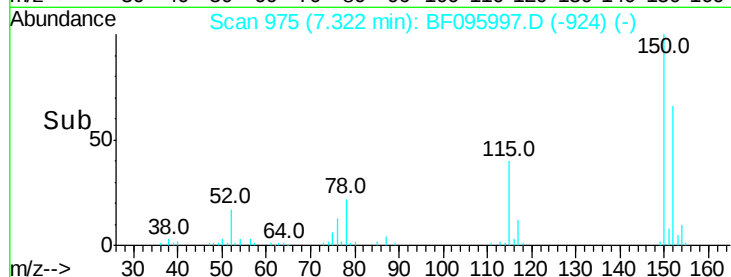
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.32 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF095997.D
 Acq: 17 Jun 2017 14:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 74950
 Ion Ratio Lower Upper
 152 100
 150 151.5 126.2 189.2
 115 60.1 52.2 78.2



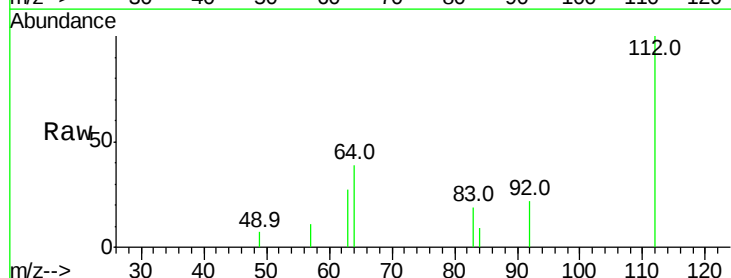
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



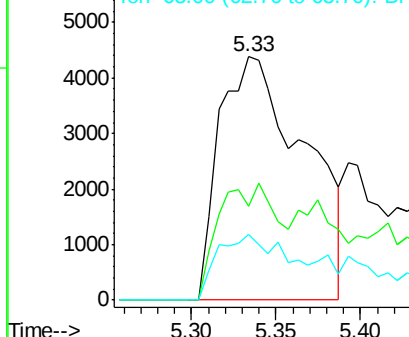
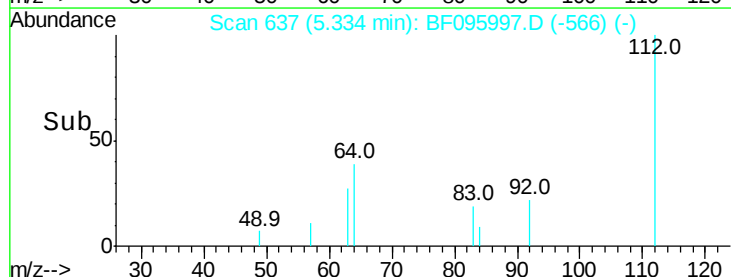
#5

2-Fluorophenol
 Concen: 3.28 ng
 RT: 5.33 min Scan# 637
 Delta R.T. 0.12 min
 Lab File: BF095997.D
 Acq: 17 Jun 2017 14:42

Tgt Ion:112 Resp: 15415
 Ion Ratio Lower Upper
 112 100
 64 38.7 46.0 69.0#
 63 26.8 23.4 35.0



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: 5.66 ng

RT: 6.99 min Scan# 919

Delta R.T. 0.08 min

Lab File: BF095997.D

Acq: 17 Jun 2017 14:42

Instrument :

BNA_F

ClientSampleId :

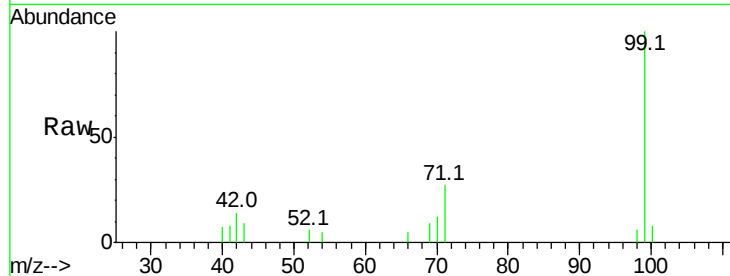
Tot Ion: 99 Resp: 31890

Ion Ratio Lower Upper

99 100

42 13.7 13.5 20.3

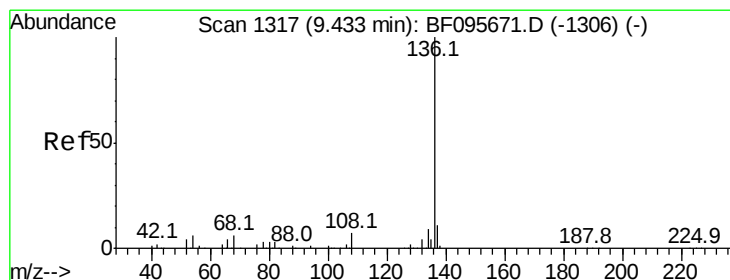
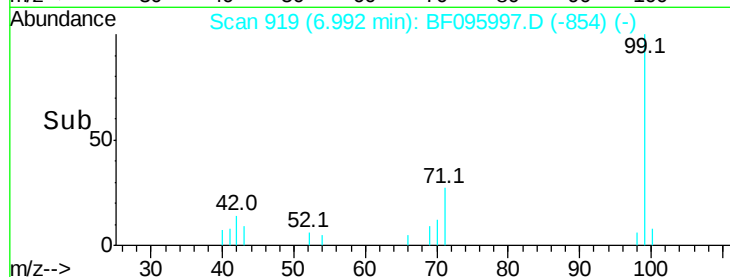
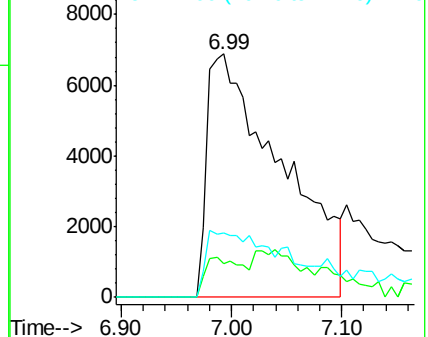
71 26.5 24.5 36.7



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: 9.35 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF095997.D

Acq: 17 Jun 2017 14:42

Tgt Ion:136 Resp: 304060

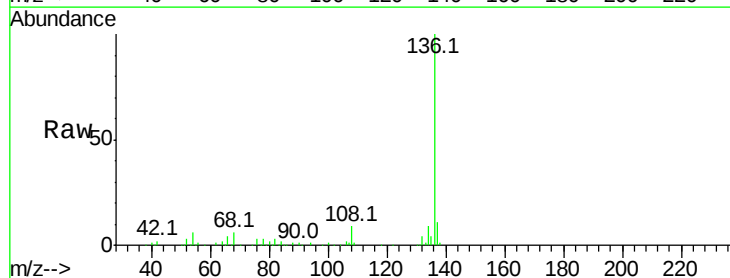
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 6.5 4.9 7.3

68 5.5 4.1 6.1

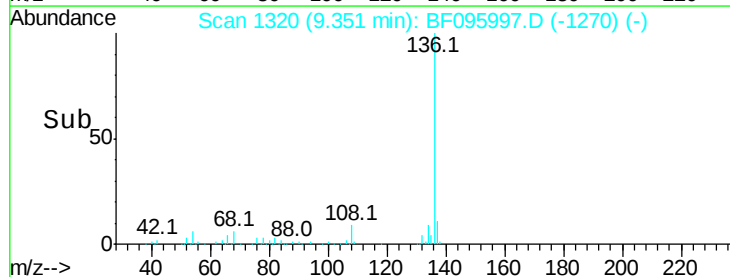
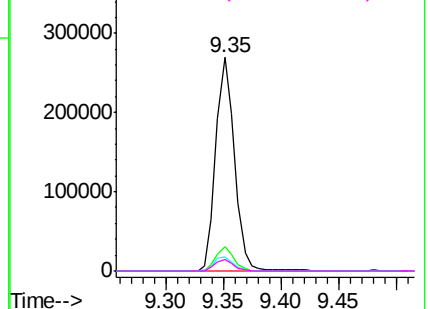


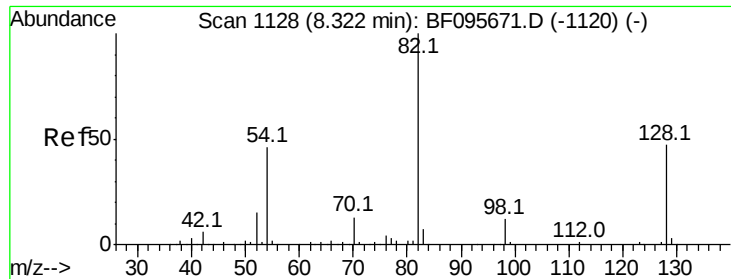
Abundance Ion 136.00 (135.70 to 136.70): E

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

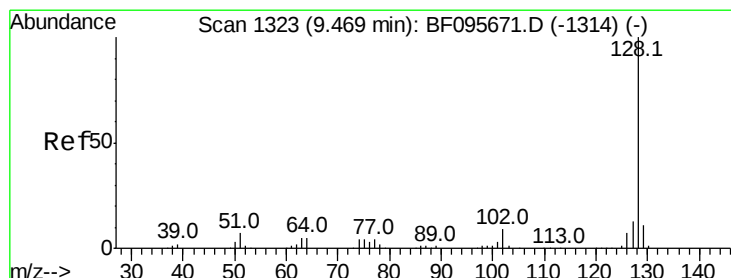
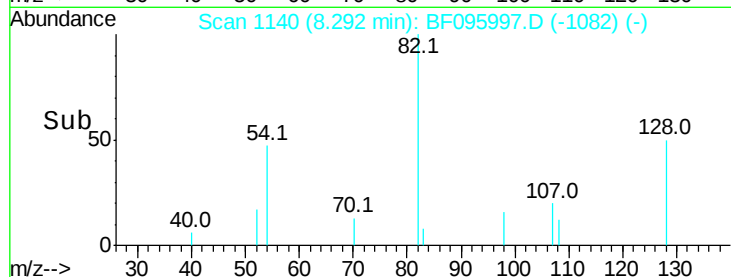
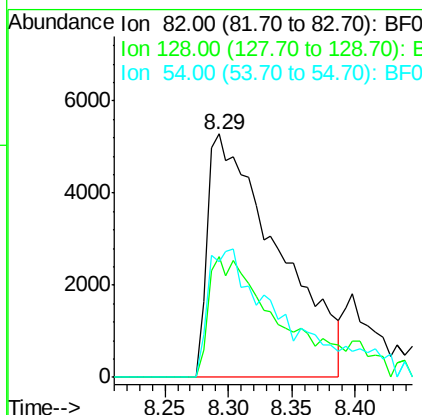
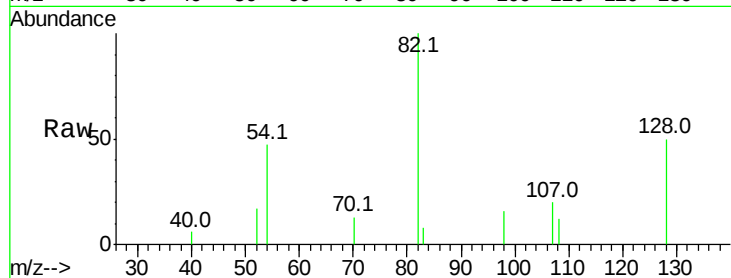




#23
 Nitrobenzene-d5
 Concen: 4.14 ng
 RT: 8.29 min Scan# 1140
 Delta R.T. 0.04 min
 Lab File: BF095997.D
 Acq: 17 Jun 2017 14:42

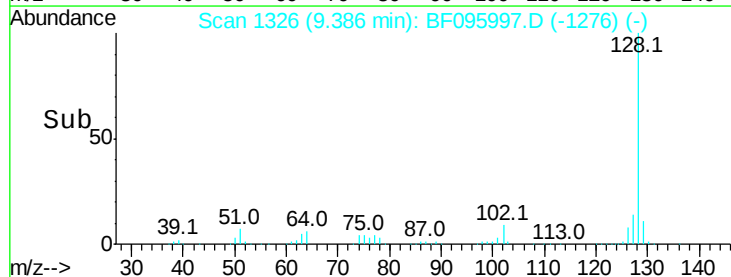
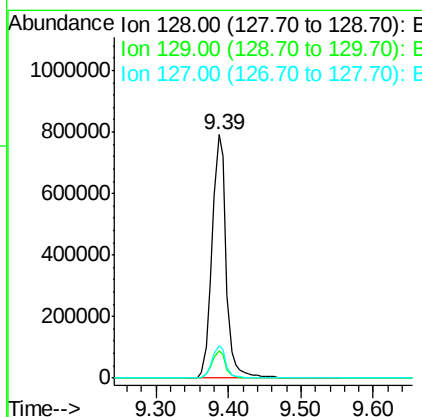
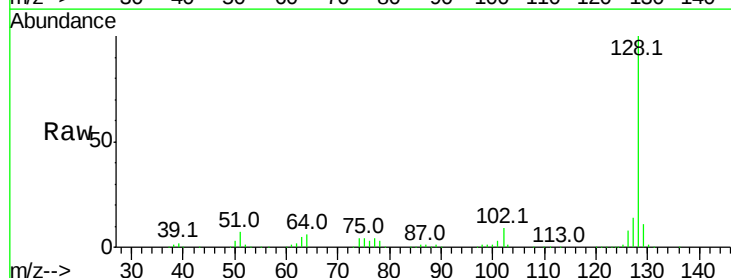
Instrument :
 BNA_F
 ClientSampleId :

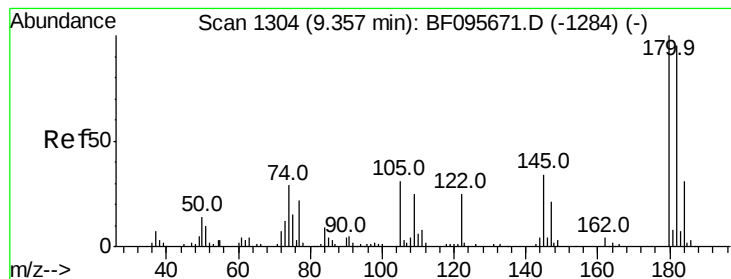
Tot Ion: 82 Resp: 20277
 Ion Ratio Lower Upper
 82 100
 128 49.6 34.0 51.0
 54 47.4 42.2 63.2



#31
 Naphthalene
 Concen: 70.62 ng
 RT: 9.39 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF095997.D
 Acq: 17 Jun 2017 14:42

Tgt Ion:128 Resp: 1077660
 Ion Ratio Lower Upper
 128 100
 129 11.0 9.0 13.6
 127 13.5 10.8 16.2





#32

Benzoic acid

Concen: 5.53 ng

RT: 9.32 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF095997.D

Acq: 17 Jun 2017 14:42

Instrument :

BNA_F

ClientSampled :

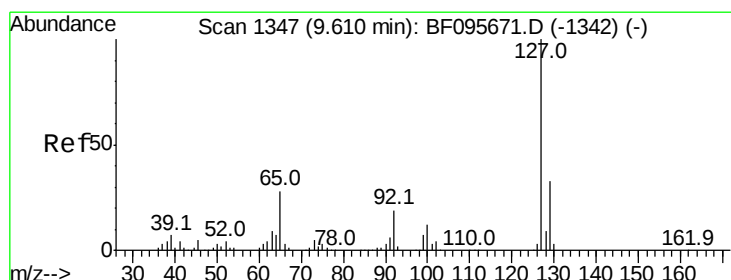
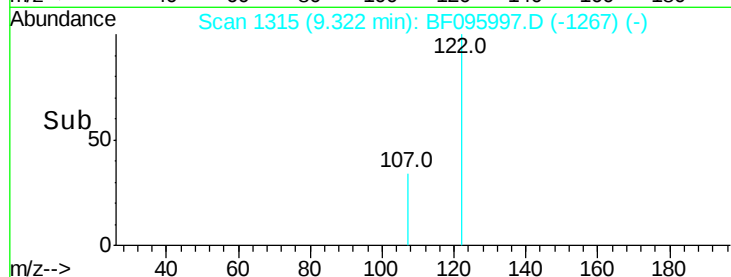
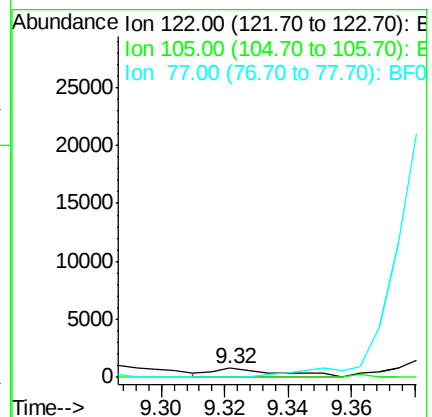
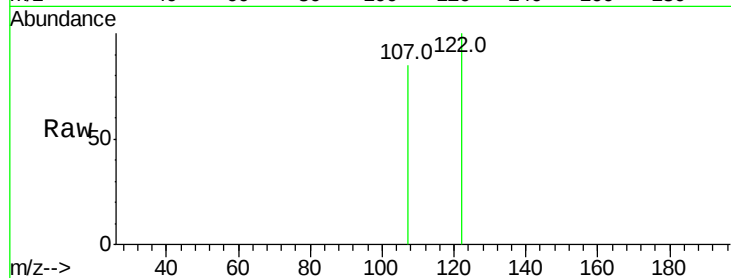
Tot Ion:122 Resp: 1240

Ion Ratio Lower Upper

122 100

105 0.0 103.3 143.3#

77 0.0 73.7 113.7#



#33

4-Chloroaniline

Concen: 24.02 ng

RT: 9.39 min Scan# 1326

Delta R.T. -0.16 min

Lab File: BF095997.D

Acq: 17 Jun 2017 14:42

Tgt Ion:127 Resp: 143259

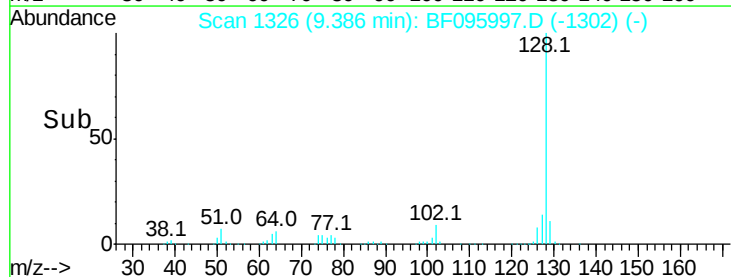
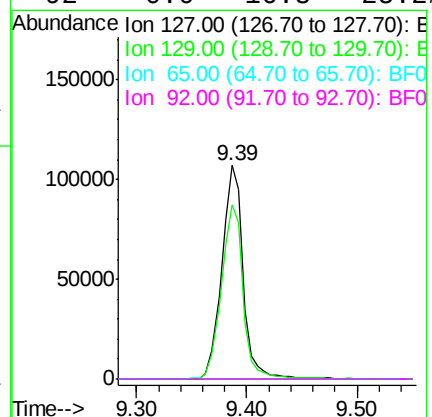
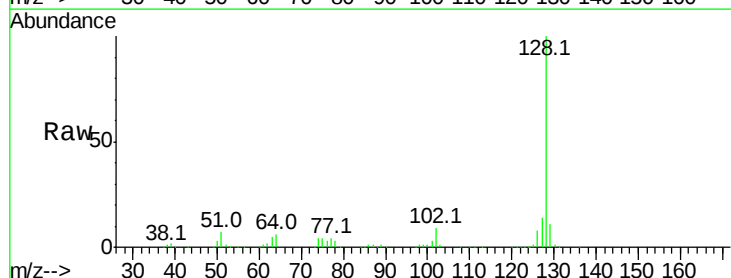
Ion Ratio Lower Upper

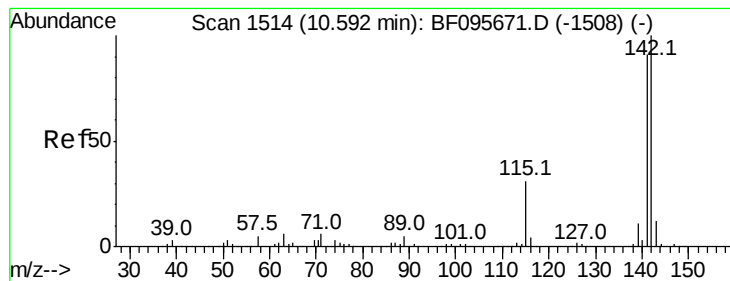
127 100

129 81.6 26.2 39.2#

65 0.0 27.8 41.8#

92 0.0 16.8 25.2#

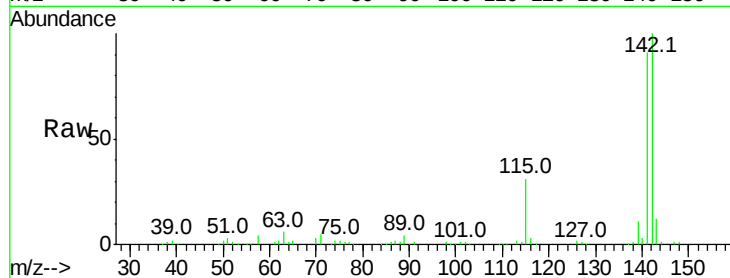




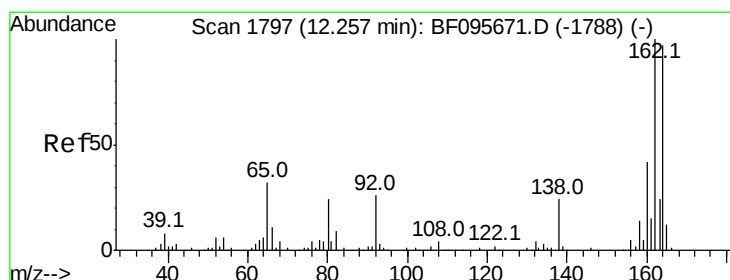
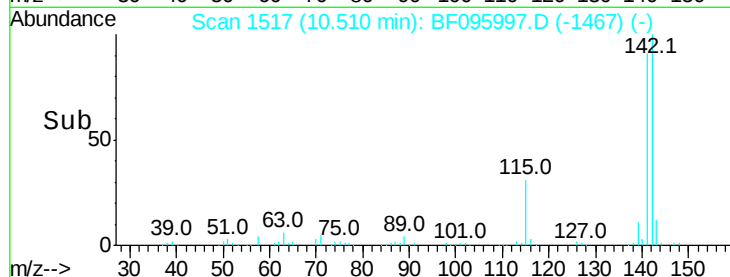
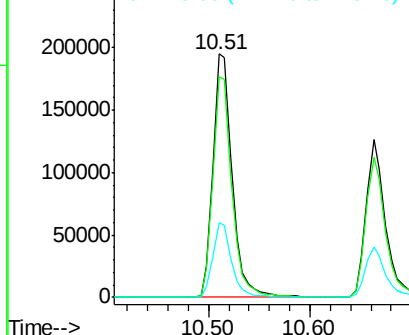
#37
2-Methylnaphthalene
Concen: 24.99 ng
RT: 10.51 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF095997.D
Acq: 17 Jun 2017 14:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 257687
Ion Ratio Lower Upper
142 100
141 90.8 71.3 106.9
115 30.6 27.1 40.7

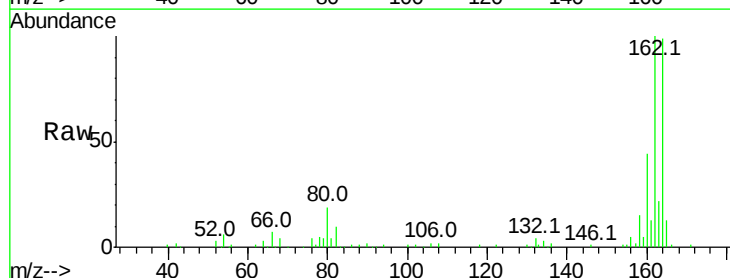


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

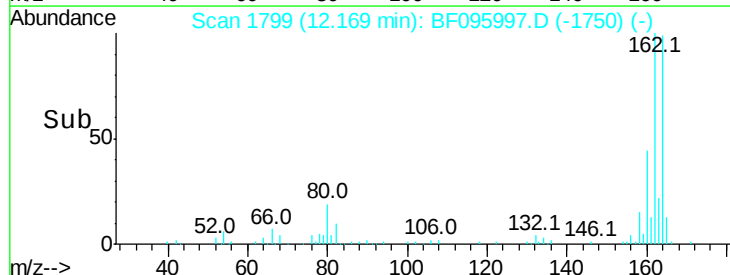
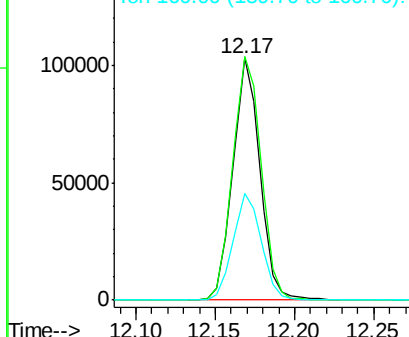


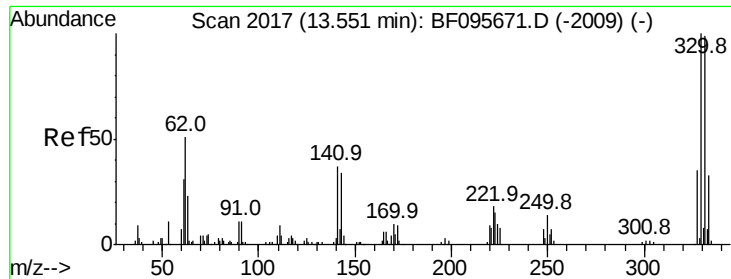
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.17 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF095997.D
Acq: 17 Jun 2017 14:42

Tgt Ion:164 Resp: 121891
Ion Ratio Lower Upper
164 100
162 100.7 82.6 123.8
160 44.0 36.2 54.2



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

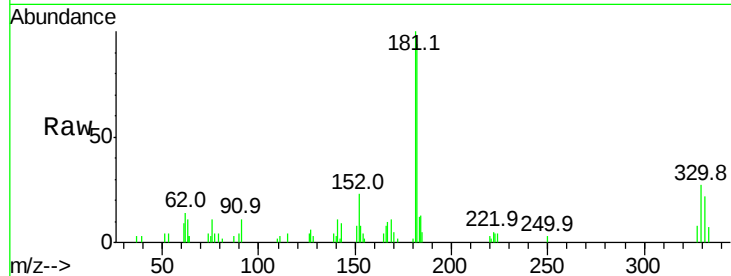




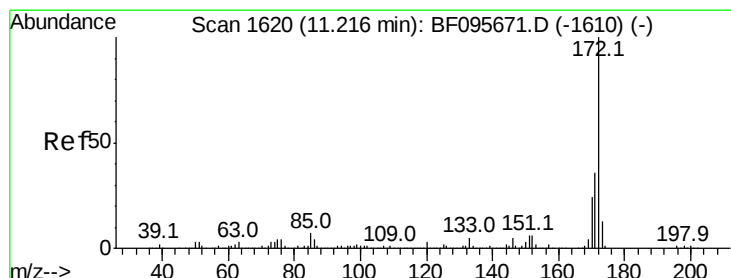
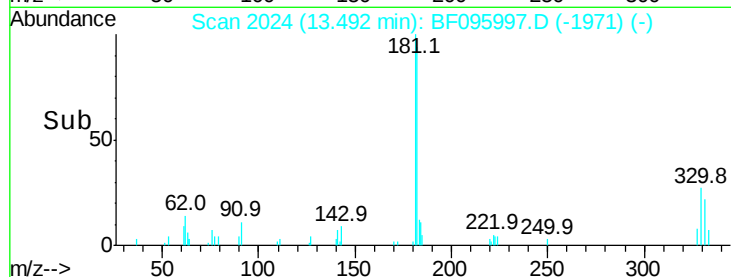
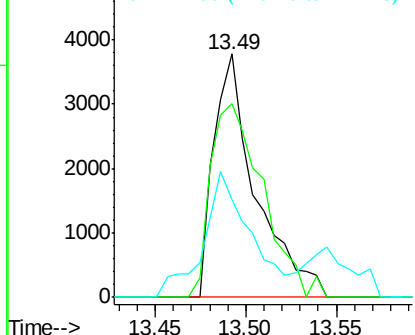
#41
2,4,6-Tribromophenol
Concen: 5.65 ng
RT: 13.49 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BF095997.D
Acq: 17 Jun 2017 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:330 Resp: 6097
Ion Ratio Lower Upper
330 100
332 98.9 76.6 115.0
141 57.4 31.4 47.2#

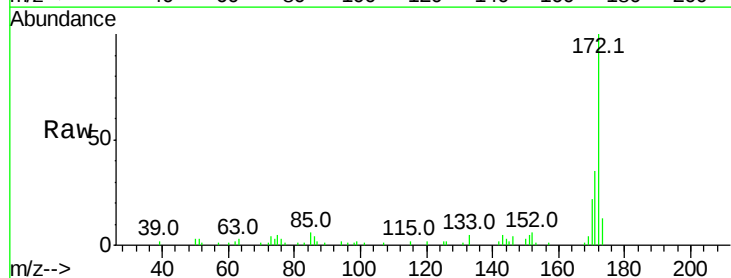


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

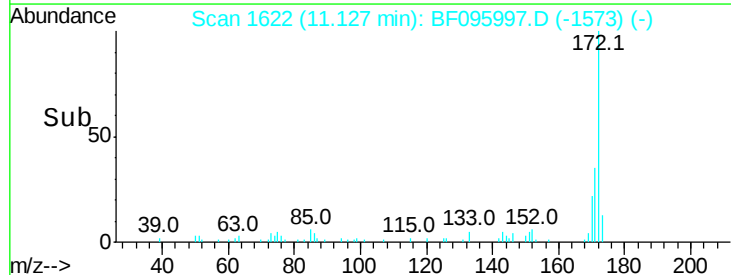
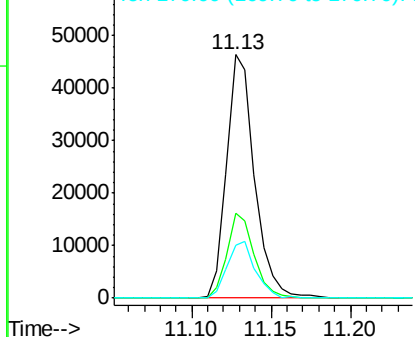


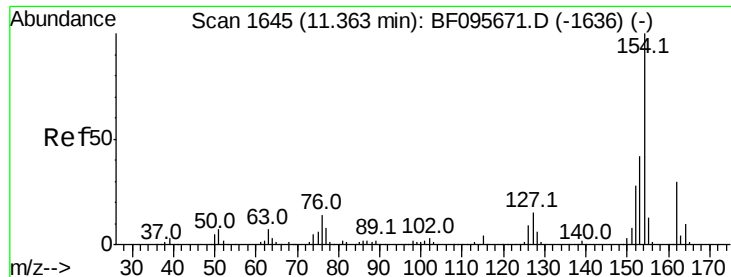
#44
2-Fluorobiphenyl
Concen: 6.46 ng
RT: 11.13 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BF095997.D
Acq: 17 Jun 2017 14:42

Tgt Ion:172 Resp: 56590
Ion Ratio Lower Upper
172 100
171 34.9 29.6 44.4
170 21.5 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 8.38 ng

RT: 11.28 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BF095997.D

Acq: 17 Jun 2017 14:42

Instrument :

BNA_F

ClientSampled :

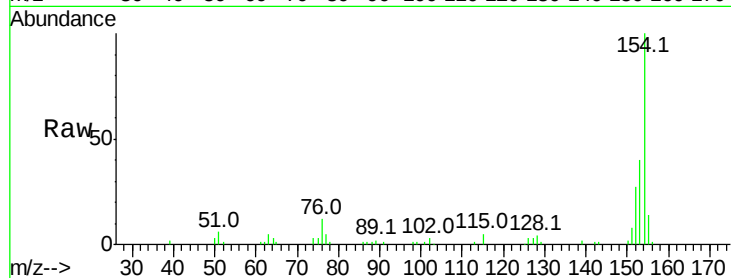
Tot Ion:154 Resp: 84162

Ion Ratio Lower Upper

154 100

153 39.8 21.2 61.2

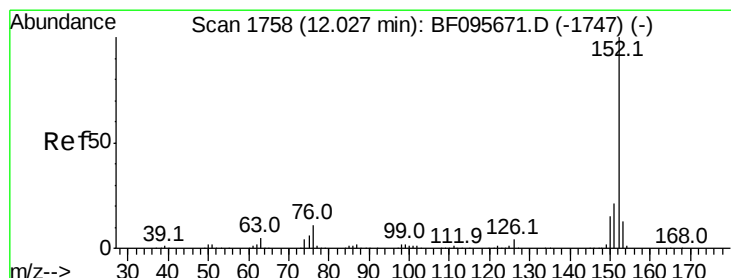
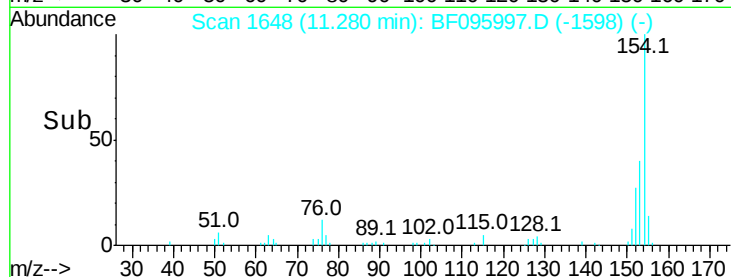
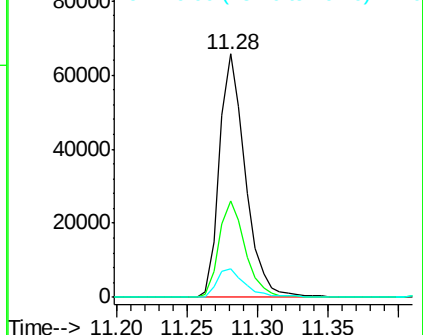
76 11.9 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#48

Acenaphthylene

Concen: 4.69 ng

RT: 11.95 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF095997.D

Acq: 17 Jun 2017 14:42

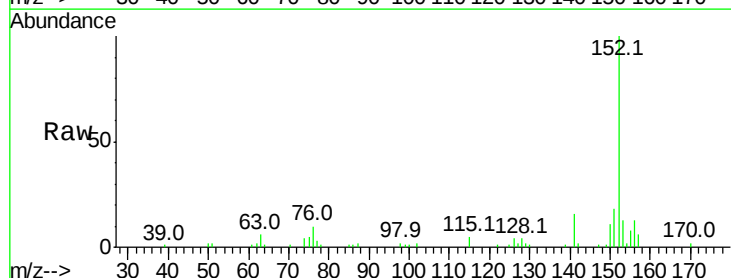
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Ion Ratio Lower Upper

152 100

151 17.7 16.8 25.2

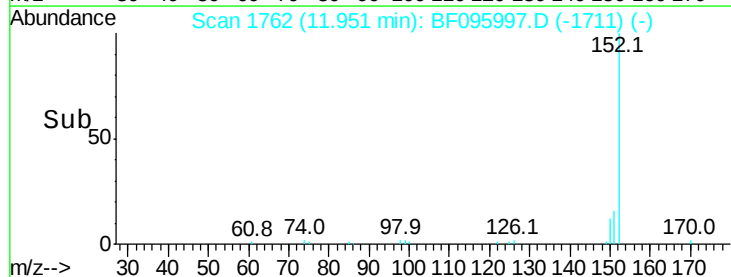
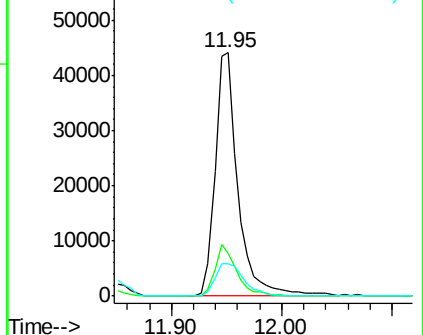
153 13.1 10.8 16.2

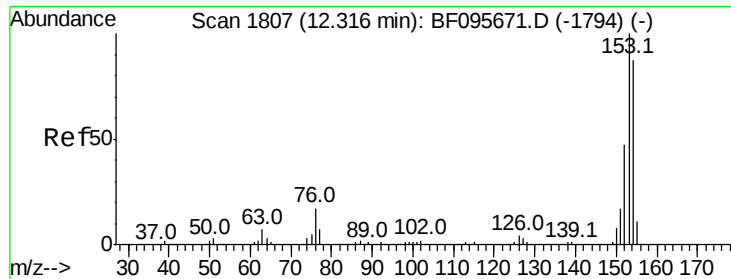


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#51

Acenaphthene

Concen: 32.13 ng

RT: 12.22 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF095997.D

Acq: 17 Jun 2017 14:42

Instrument :

BNA_F

ClientSampleId :

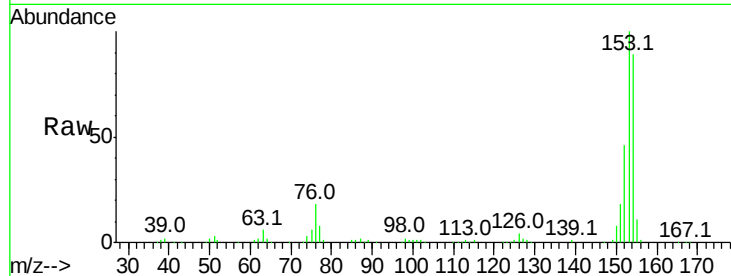
Tot Ion:154 Resp: 249065

Ion Ratio Lower Upper

154 100

153 112.0 90.5 135.7

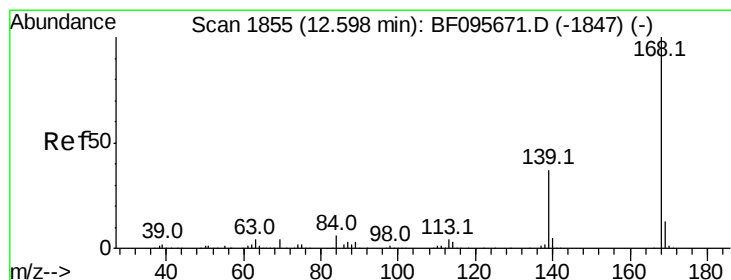
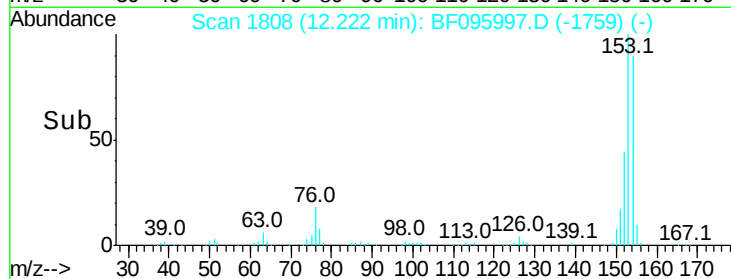
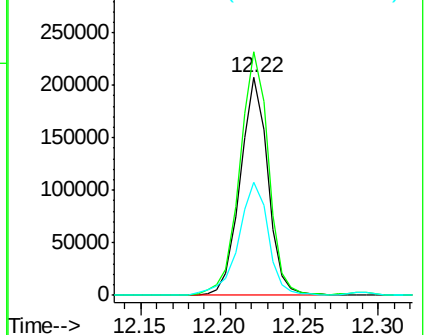
152 51.9 43.6 65.4



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: 41.97 ng

RT: 12.51 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BF095997.D

Acq: 17 Jun 2017 14:42

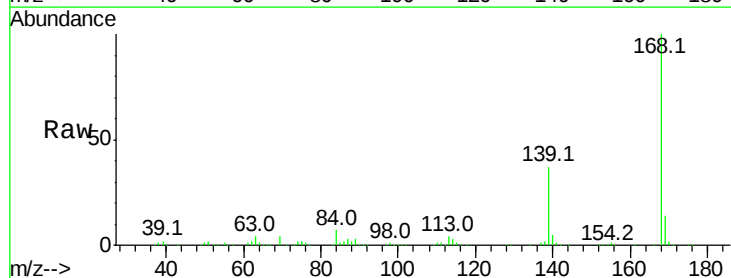
Tgt Ion:168 Resp: 457948

Ion Ratio Lower Upper

168 100

139 36.8 30.6 45.8

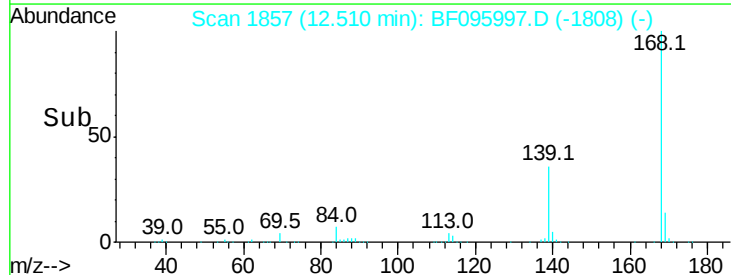
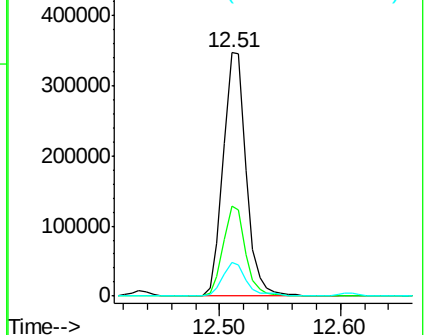
169 13.7 10.8 16.2

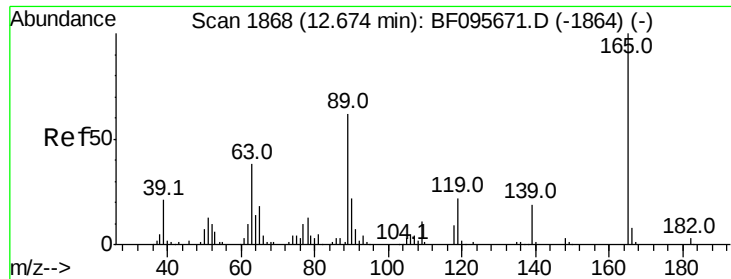


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

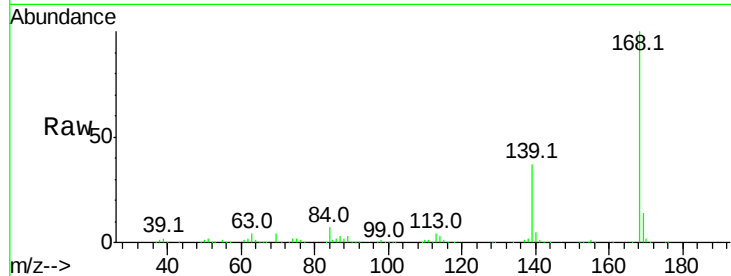




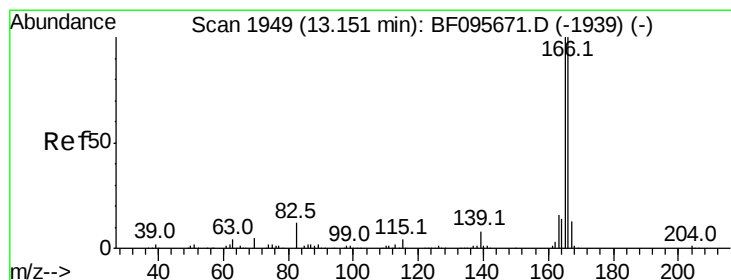
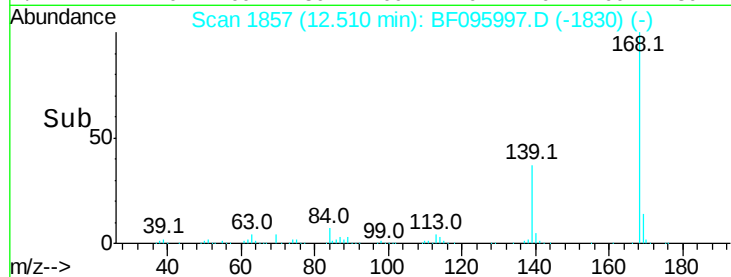
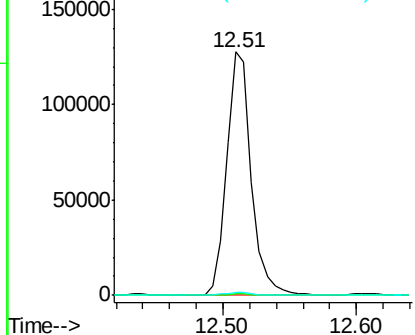
#55
4-Nitrophenol
Concen: 117.95 ng
RT: 12.51 min Scan# 1857
Delta R.T. -0.14 min
Lab File: BF095997.D
Acq: 17 Jun 2017 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 165161
Ion Ratio Lower Upper
139 100
109 0.7 34.1 74.1#
65 1.3 31.4 71.4#

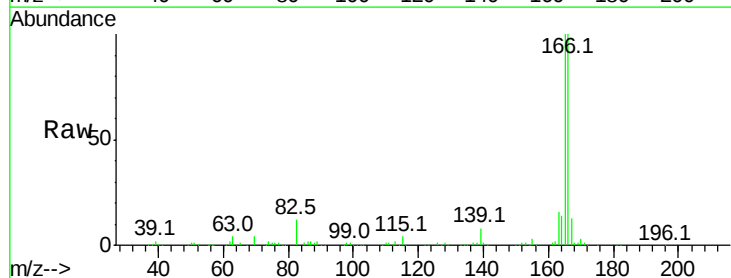


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

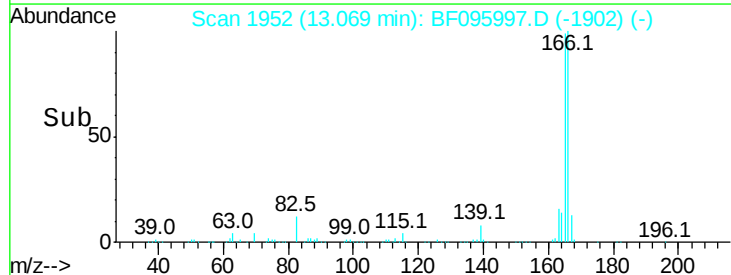
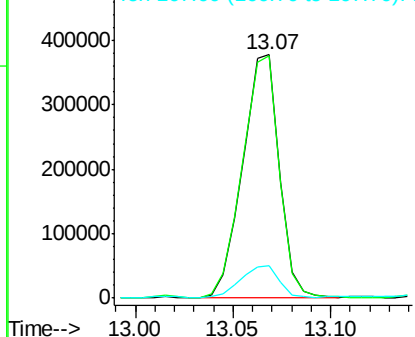


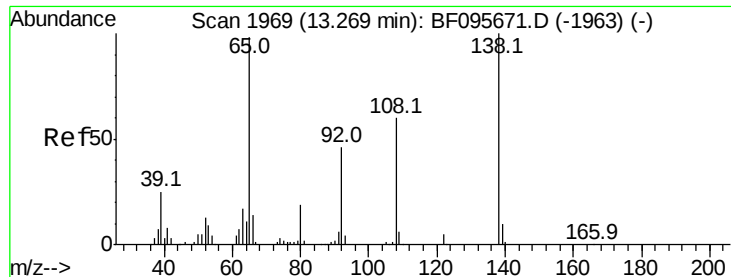
#57
Fluorene
Concen: 51.50 ng
RT: 13.07 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BF095997.D
Acq: 17 Jun 2017 14:42

Tgt Ion:166 Resp: 488938
Ion Ratio Lower Upper
166 100
165 99.6 78.8 118.2
167 13.3 10.6 16.0



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





#61

4-Nitroaniline

Concen: 2.40 ng

RT: 13.07 min Scan# 1952

Delta R.T. -0.15 min

Lab File: BF095997.D

Acq: 17 Jun 2017 14:42

Instrument :

BNA_F

ClientSampled :

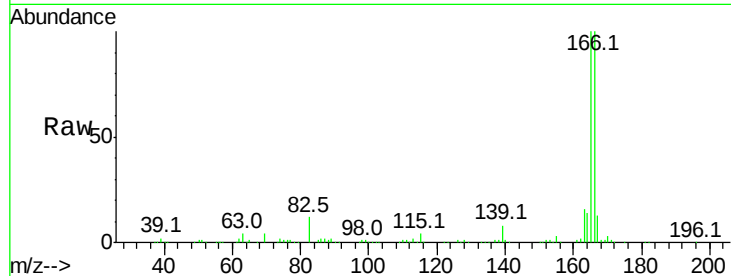
Tot Ion:138 Resp: 5270

Ion Ratio Lower Upper

138 100

92 0.0 21.8 61.8#

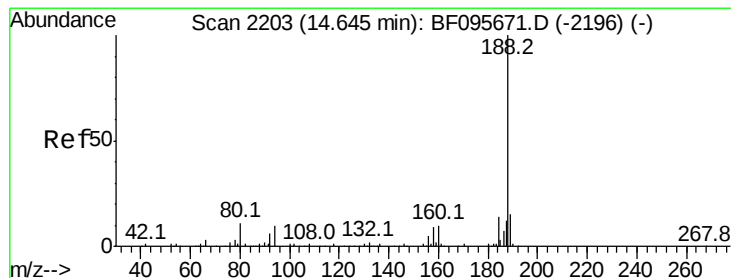
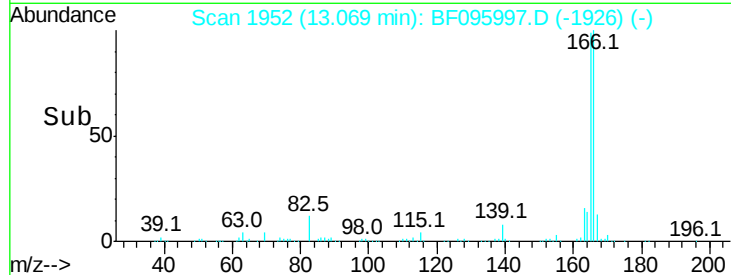
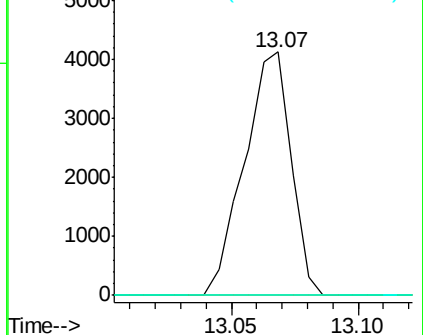
108 0.0 42.3 82.3#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.57 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BF095997.D

Acq: 17 Jun 2017 14:42

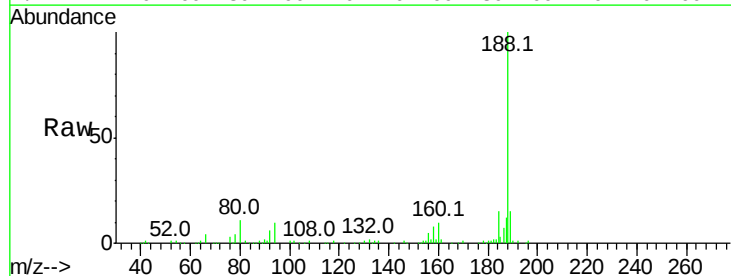
Tgt Ion:188 Resp: 178787

Ion Ratio Lower Upper

188 100

94 9.6 9.4 14.2

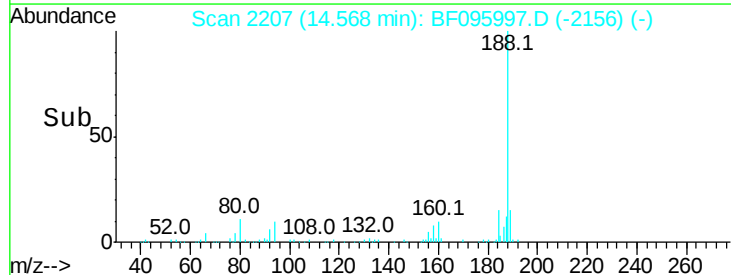
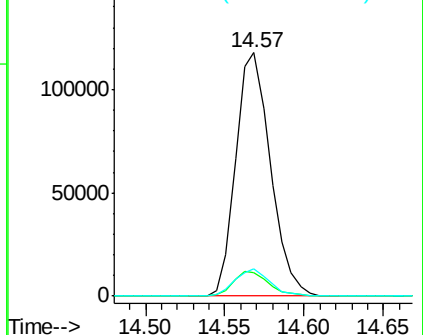
80 11.0 10.2 15.2

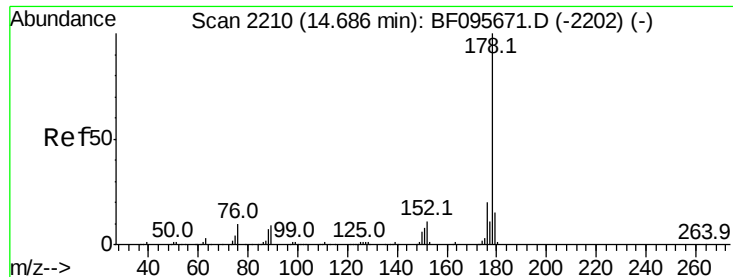


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

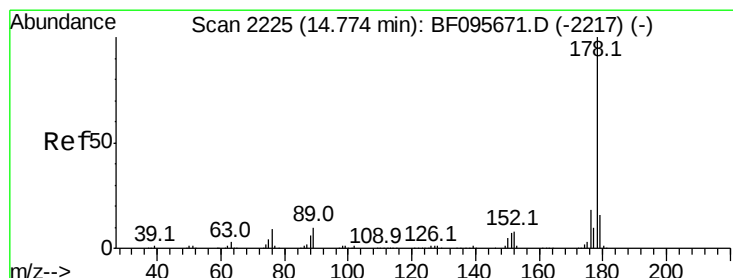
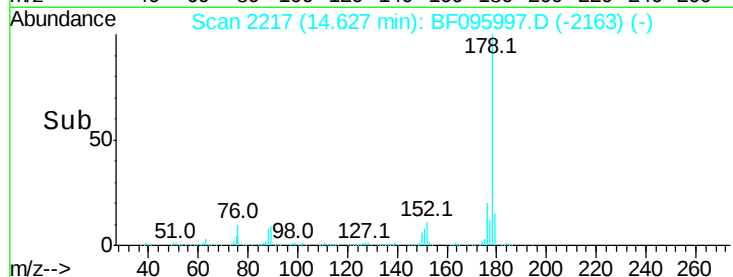
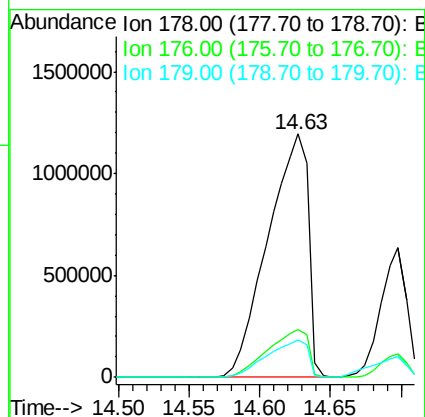
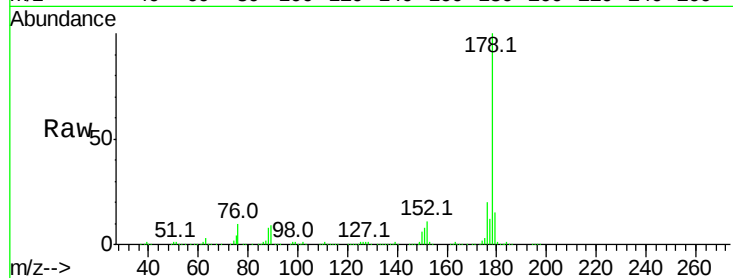




#70
Phenanthrene
Concen: 232.03 ng
RT: 14.63 min Scan# 2217
Delta R.T. 0.02 min
Lab File: BF095997.D
Acq: 17 Jun 2017 14:42

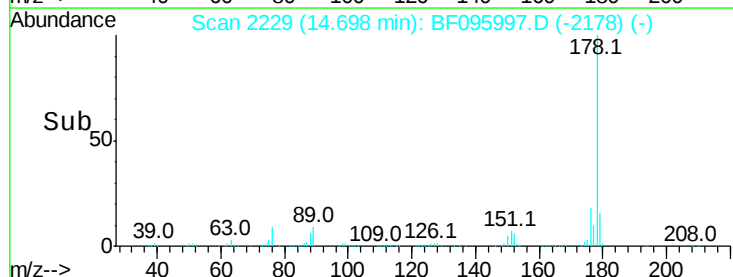
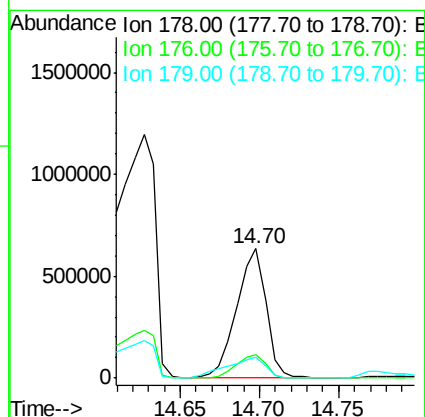
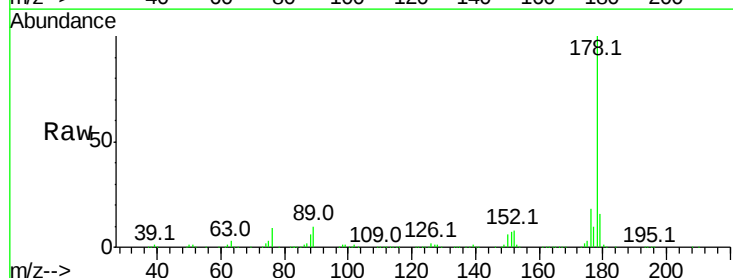
Instrument :
BNA_F
ClientSampleId :

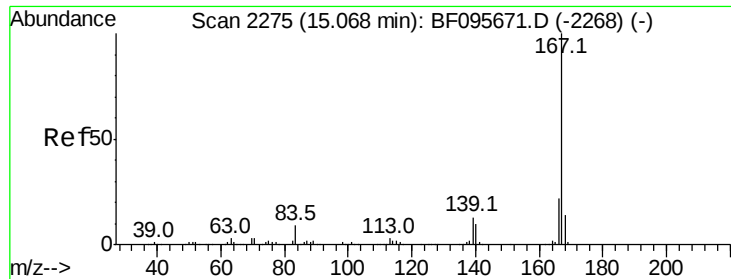
Tot Ion:178 Resp: 2393611
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.4
179 15.4 12.6 19.0



#71
Anthracene
Concen: 75.79 ng
RT: 14.70 min Scan# 2229
Delta R.T. 0.00 min
Lab File: BF095997.D
Acq: 17 Jun 2017 14:42

Tgt Ion:178 Resp: 816247
Ion Ratio Lower Upper
178 100
176 18.1 15.8 23.8
179 15.8 12.7 19.1

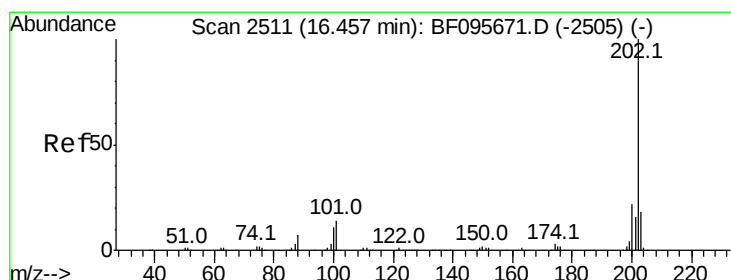
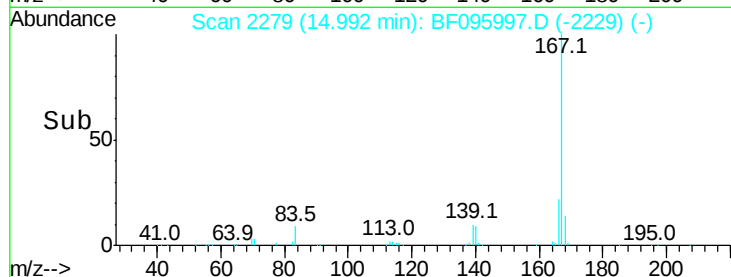
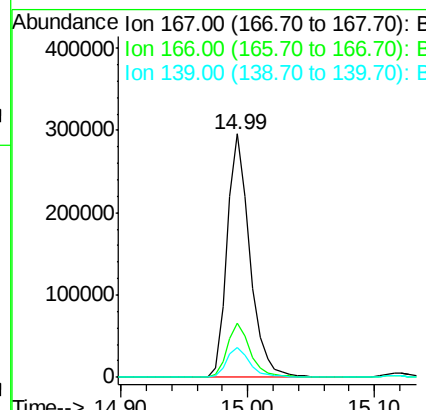
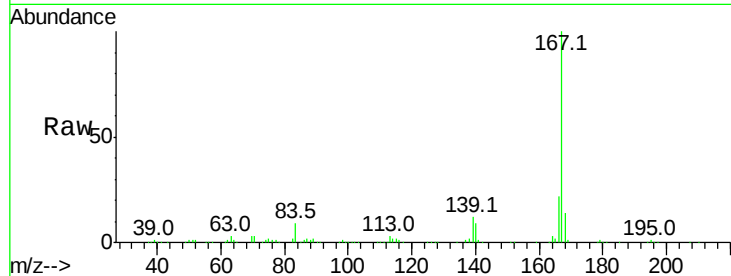




#72
 Carbazole
 Concen: 35.03 ng
 RT: 14.99 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF095997.D
 Acq: 17 Jun 2017 14:42

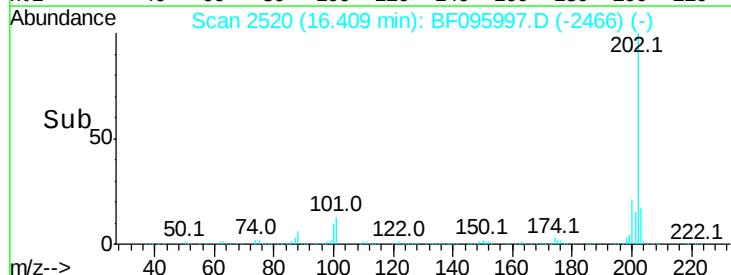
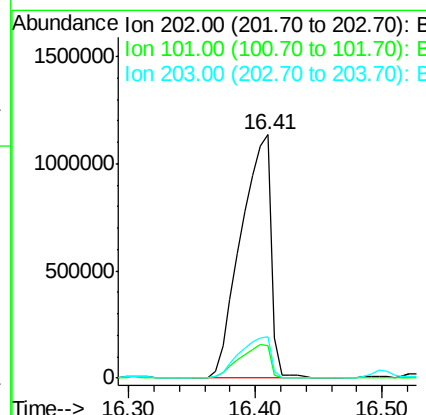
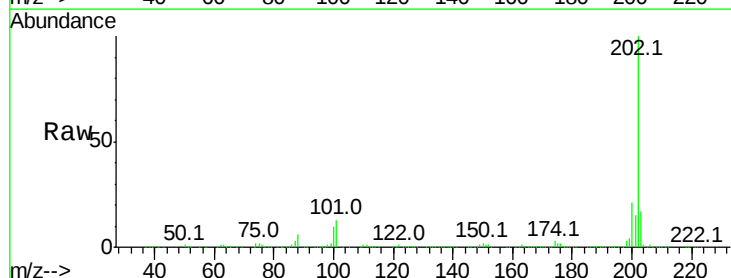
Instrument :
 BNA_F
 ClientSampleId :

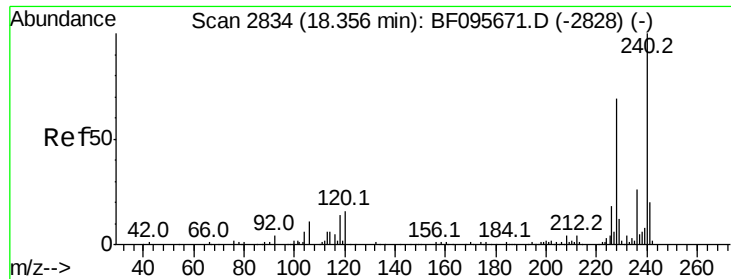
Tot Ion:167 Resp: 367641
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 12.3 11.7 17.5



#74
 Fluoranthene
 Concen: 183.91 ng
 RT: 16.41 min Scan# 2520
 Delta R.T. 0.02 min
 Lab File: BF095997.D
 Acq: 17 Jun 2017 14:42

Tgt Ion:202 Resp: 1877814
 Ion Ratio Lower Upper
 202 100
 101 13.1 0.0 33.2
 203 17.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.30 min Scan# 2841

Delta R.T. 0.00 min

Lab File: BF095997.D

Acq: 17 Jun 2017 14:42

Instrument :

BNA_F

ClientSampleId :

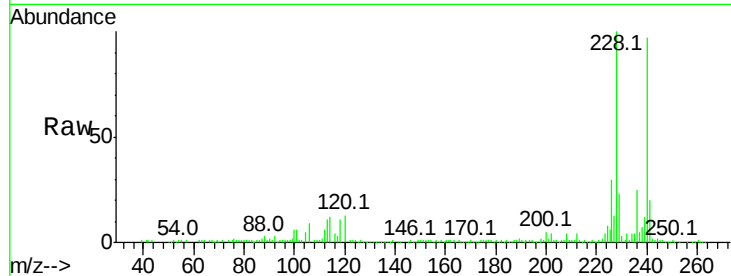
Tot Ion:240 Resp: 148025

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

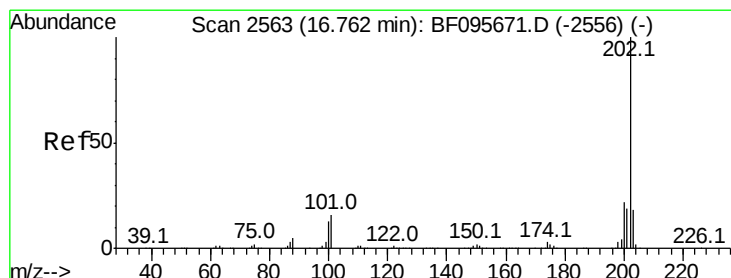
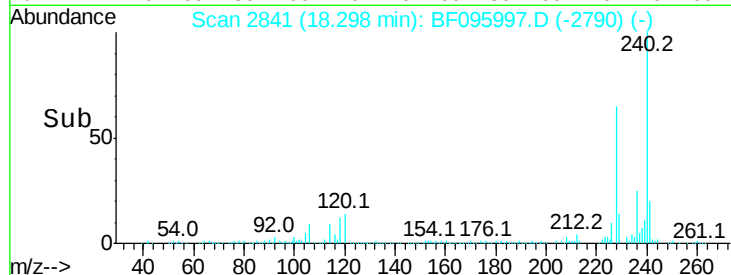
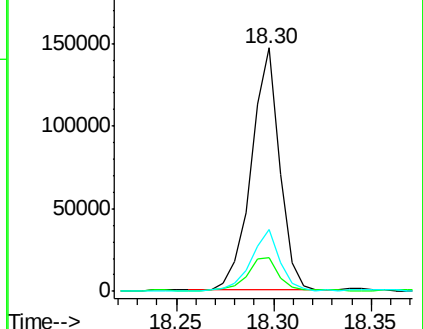
236 25.3 20.5 30.7



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: 132.03 ng

RT: 16.71 min Scan# 2571

Delta R.T. 0.01 min

Lab File: BF095997.D

Acq: 17 Jun 2017 14:42

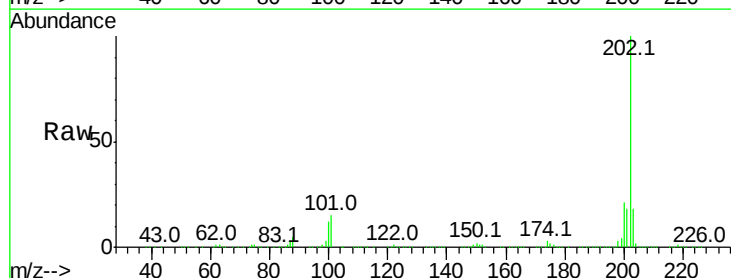
Tgt Ion:202 Resp: 1458255

Ion Ratio Lower Upper

202 100

200 21.4 17.6 26.4

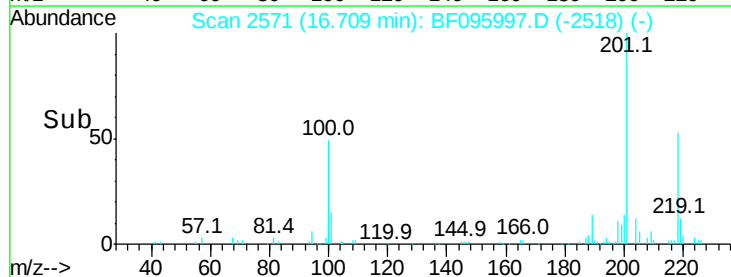
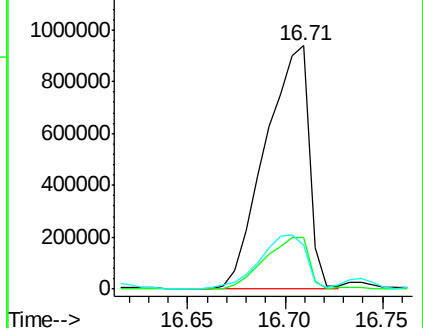
203 18.0 14.4 21.6

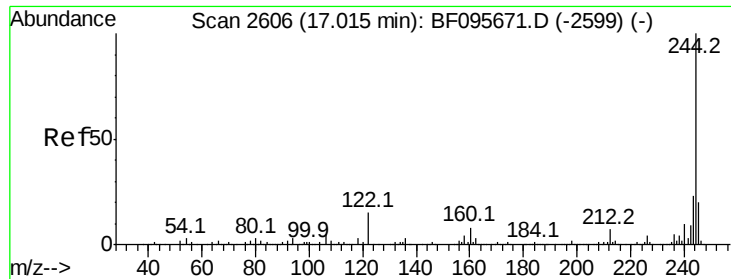


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

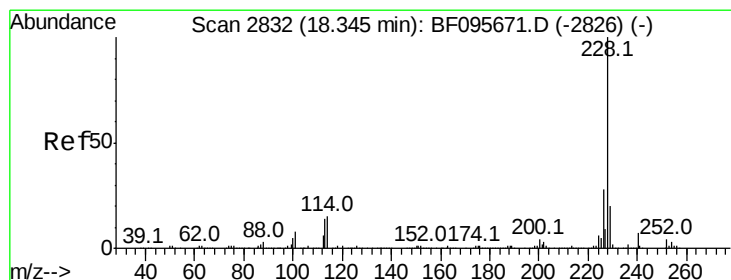
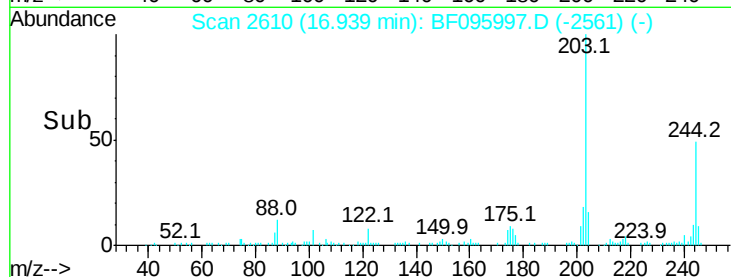
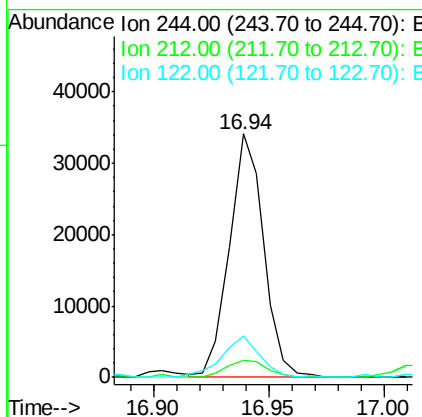
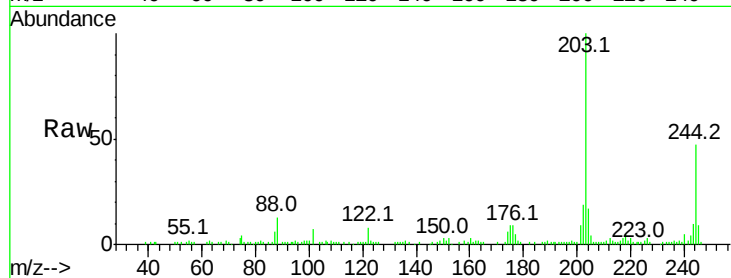




#78
 Terphenyl-d14
 Concen: 5.91 ng
 RT: 16.94 min Scan# 2610
 Delta R.T. -0.01 min
 Lab File: BF095997.D
 Acq: 17 Jun 2017 14:42

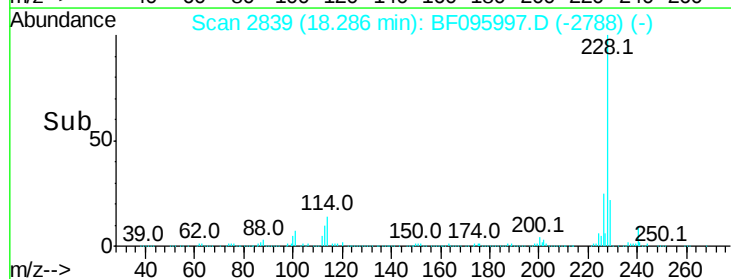
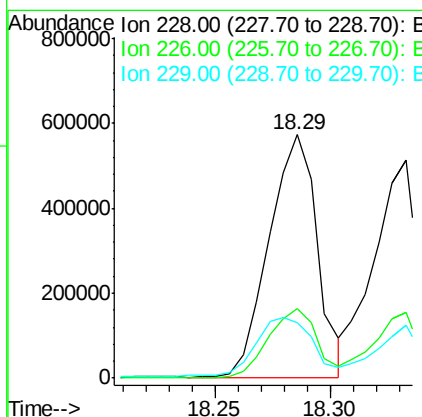
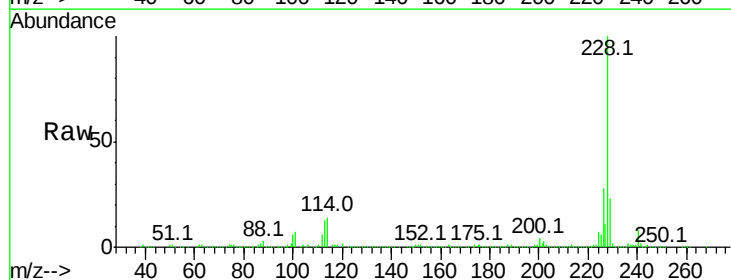
Instrument :
 BNA_F
 ClientSampled :

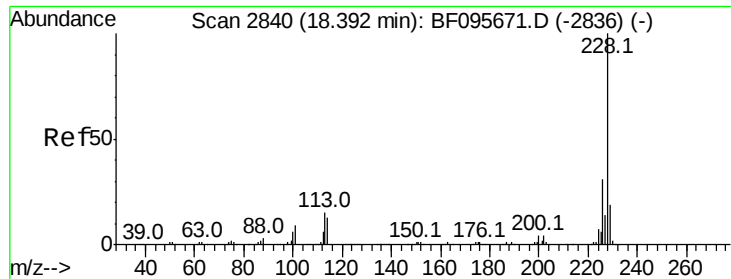
Tot Ion:244 Resp: 35256
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 17.2 10.3 15.5#



#80
 Benzo(a)anthracene
 Concen: 95.91 ng
 RT: 18.29 min Scan# 2839
 Delta R.T. 0.00 min
 Lab File: BF095997.D
 Acq: 17 Jun 2017 14:42

Tgt Ion:228 Resp: 825396
 Ion Ratio Lower Upper
 228 100
 226 28.4 22.6 33.8
 229 22.8 16.3 24.5





#82

Chrysene

Concen: 95.97 ng

RT: 18.29 min Scan# 2839

Delta R.T. -0.05 min

Lab File: BF095997.D

Acq: 17 Jun 2017 14:42

Instrument :

BNA_F

ClientSampleId :

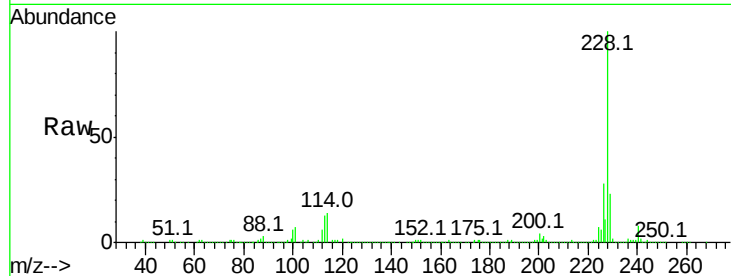
Tot Ion:228 Resp: 825396

Ion Ratio Lower Upper

228 100

226 28.4 24.9 37.3

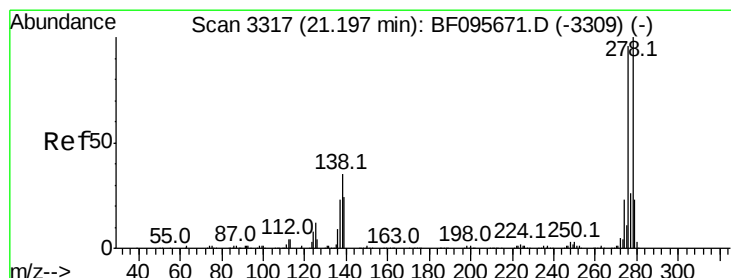
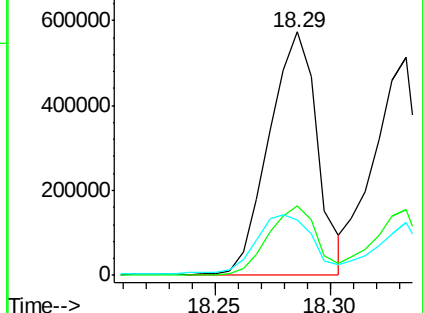
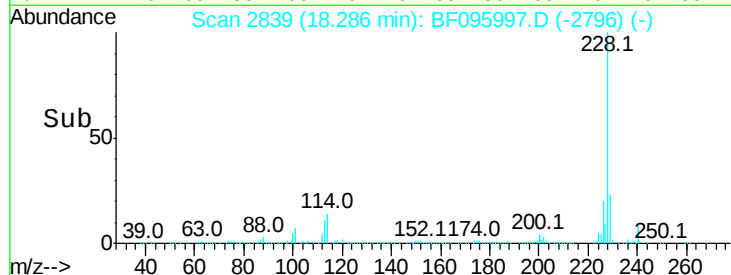
229 22.8 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 31.77 ng

RT: 21.12 min Scan# 3321

Delta R.T. -0.01 min

Lab File: BF095997.D

Acq: 17 Jun 2017 14:42

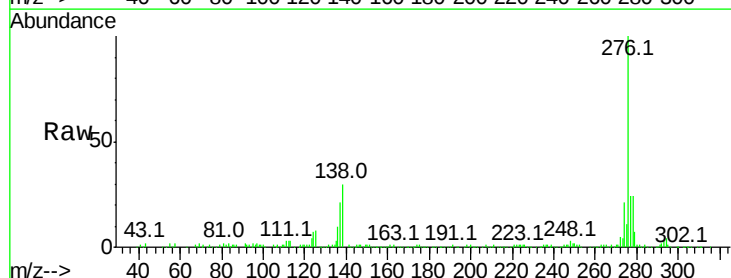
Tgt Ion:276 Resp: 233780

Ion Ratio Lower Upper

276 100

138 31.7 27.8 41.6

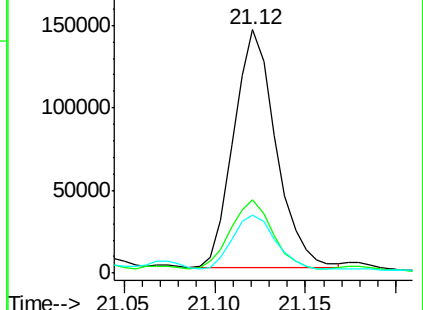
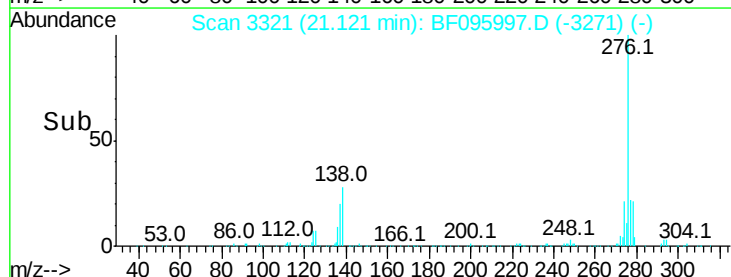
277 23.5 20.2 30.4

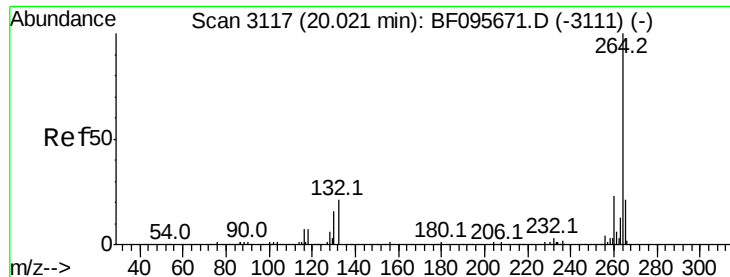


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

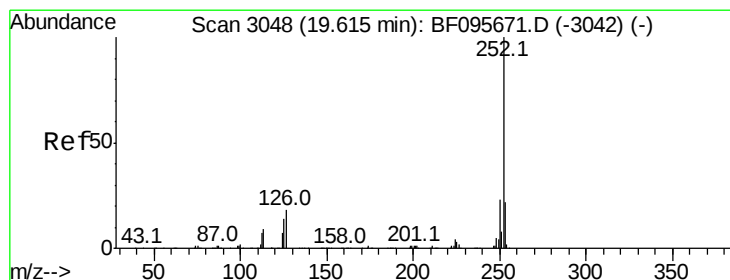
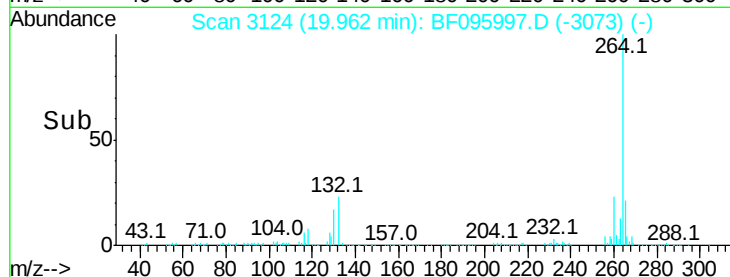
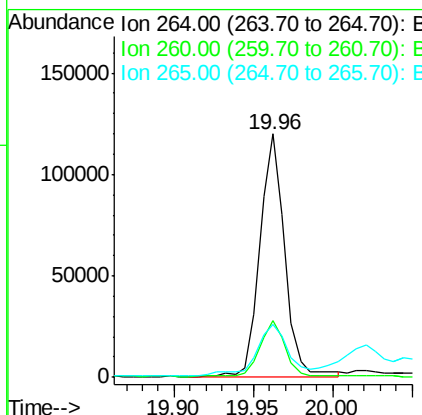
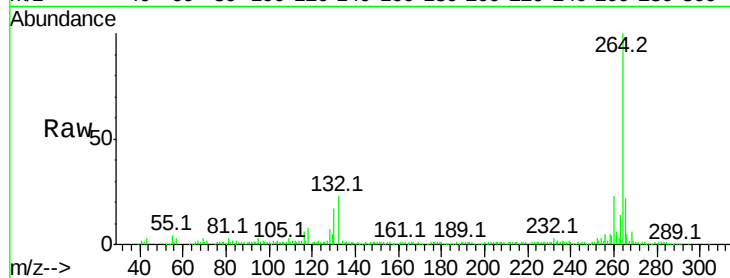




#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.96 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BF095997.D
Acq: 17 Jun 2017 14:42

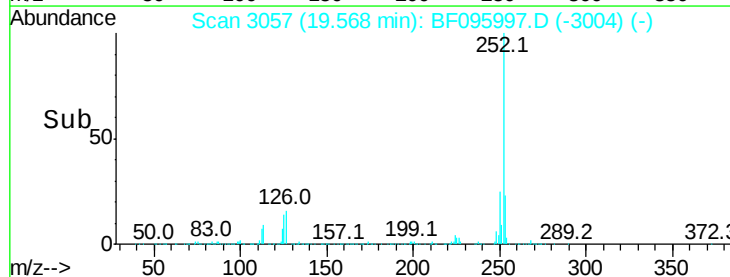
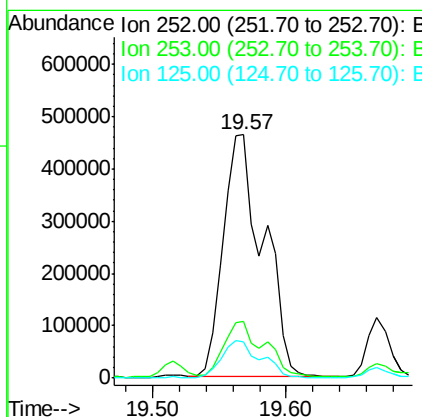
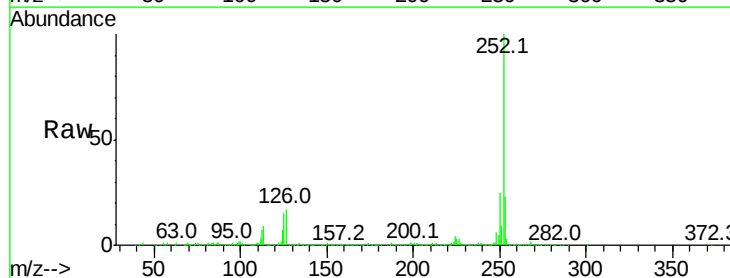
Instrument :
BNA_F
ClientSampleId :

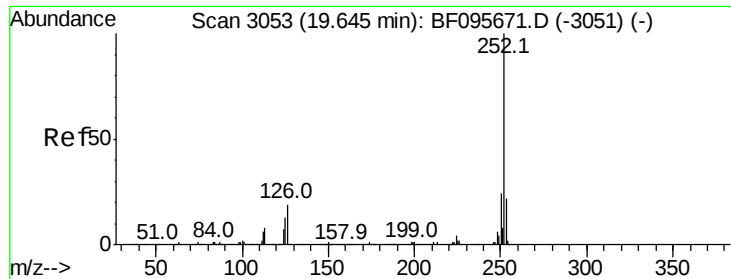
Tot Ion:264 Resp: 130209
Ion Ratio Lower Upper
264 100
260 23.5 19.5 29.3
265 21.9 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 119.06 ng
RT: 19.57 min Scan# 3057
Delta R.T. 0.01 min
Lab File: BF095997.D
Acq: 17 Jun 2017 14:42

Tgt Ion:252 Resp: 970712
Ion Ratio Lower Upper
252 100
253 23.1 18.1 27.1
125 14.7 9.8 14.8





#88

Benzo(k)fluoranthene

Concen: 124.56 ng

RT: 19.57 min Scan# 3057

Delta R.T. -0.02 min

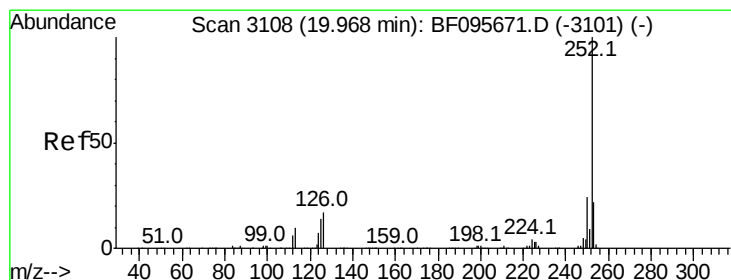
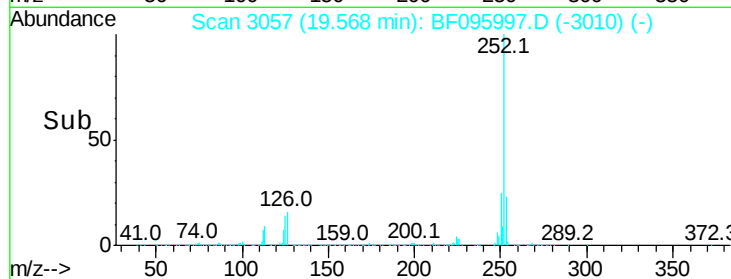
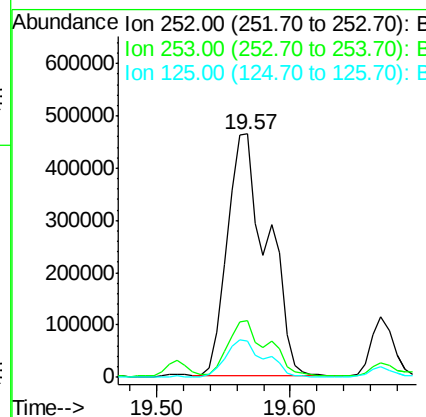
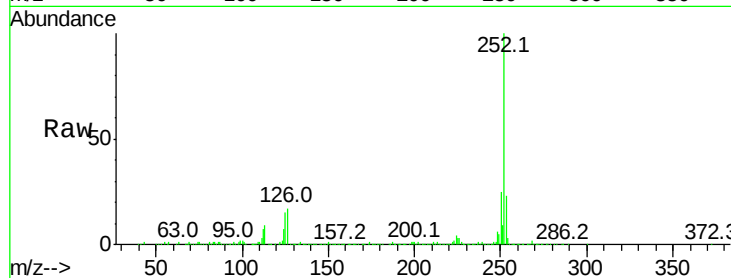
Lab File: BF095997.D

Acq: 17 Jun 2017 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 970712

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	14.7	13.1	19.7



#89

Benzo(a)pyrene

Concen: 68.11 ng

RT: 19.91 min Scan# 3115

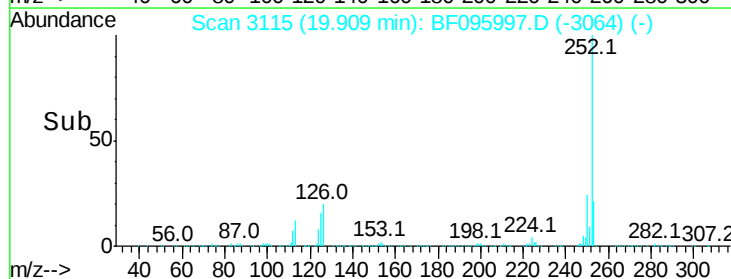
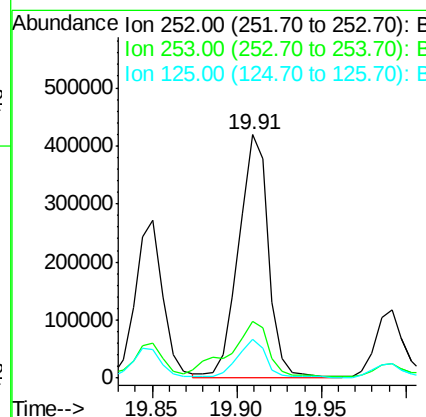
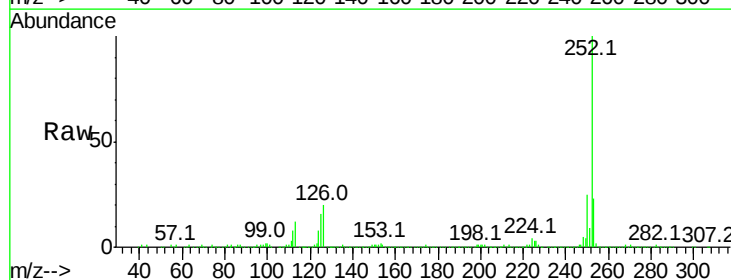
Delta R.T. 0.00 min

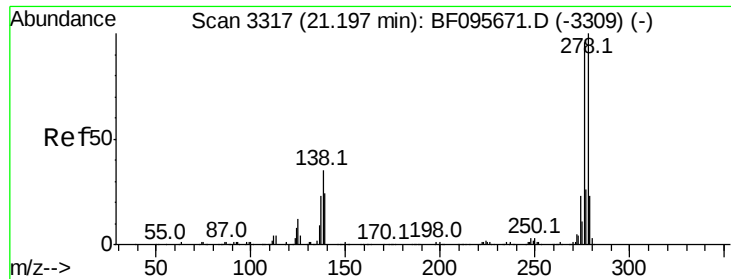
Lab File: BF095997.D

Acq: 17 Jun 2017 14:42

Tgt Ion:252 Resp: 510404

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	15.9	11.0	16.4





#90

Dibenzo(a,h)anthracene

Concen: 9.13 ng

RT: 21.24 min Scan# 3342

Delta R.T. 0.12 min

Lab File: BF095997.D

Acq: 17 Jun 2017 14:42

Instrument :

BNA_F

ClientSampleId :

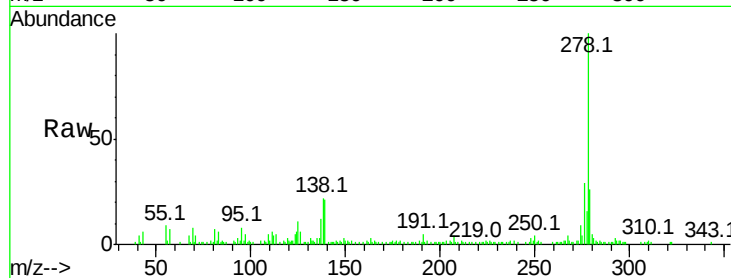
Tot Ion:278 Resp: 58059

Ion Ratio Lower Upper

278 100

139 20.9 16.6 24.8

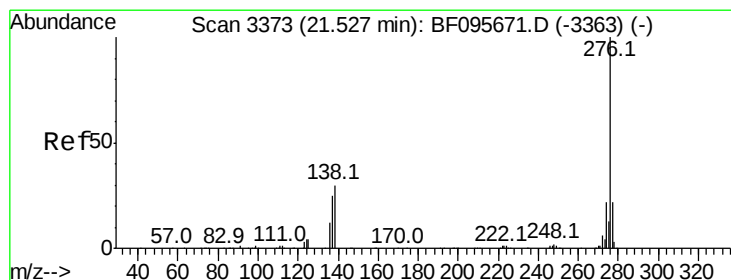
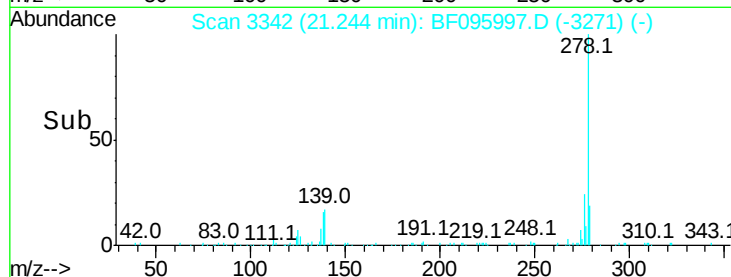
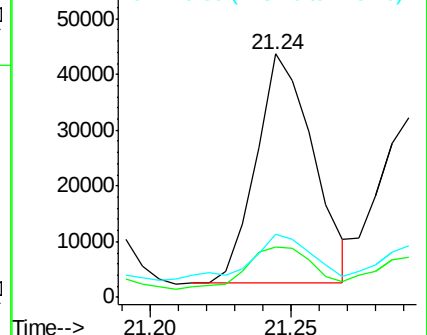
279 25.8 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 31.84 ng

RT: 21.45 min Scan# 3377

Delta R.T. 0.01 min

Lab File: BF095997.D

Acq: 17 Jun 2017 14:42

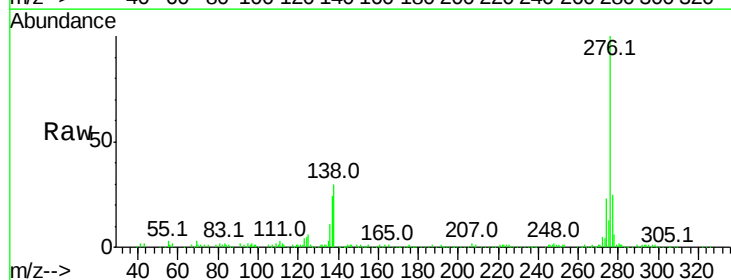
Tgt Ion:276 Resp: 206336

Ion Ratio Lower Upper

276 100

277 24.6 18.6 28.0

138 30.2 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

