

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
 Data File : BF092597.D
 Acq On : 28 Jan 2017 1:05
 Operator : SJ/MA
 Sample : I1531-03
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EDC-HPRR-S3C3

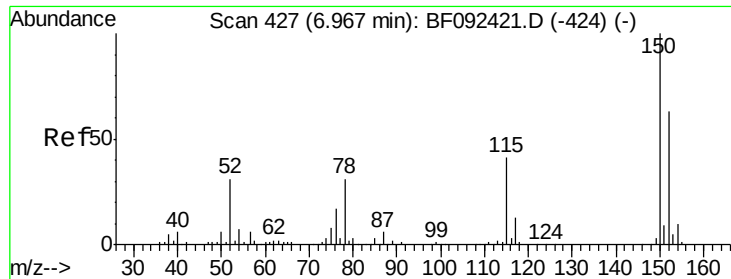
Quant Time: Jan 28 04:47:10 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	159471	20.00	ng	0.01
21) Naphthalene-d8	8.27	136	600868	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	254092	20.00	ng	0.01
63) Phenanthrene-d10	11.53	188	336953	20.00	ng	0.00
75) Chrysene-d12	14.18	240	271054	20.00	ng	0.01
86) Perylene-d12	15.68	264	198107	20.00	ng	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	1337059	130.45	ng	0.05
7) Phenol-d6	6.62	99	1713512	131.24	ng	0.03
23) Nitrobenzene-d5	7.55	82	1195215	108.66	ng	0.01
41) 2,4,6-Tribromophenol	10.83	330	246381	142.29	ng	0.01
44) 2-Fluorobiphenyl	9.36	172	1535358	111.74	ng	0.00
78) Terphenyl-d14	13.12	244	1072693	105.38	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.64	94	89355	5.67	ng	89
31) Naphthalene	8.29	128	155438	5.05	ng	# 92
37) 2-Methylnaphthalene	8.99	142	122247	6.28	ng	97
48) Acenaphthylene	9.89	152	92329	4.20	ng	# 77
49) Dimethylphthalate	9.74	163	206593	12.79	ng	# 89
51) Acenaphthene	10.08	154	92301	6.75	ng	# 88
54) Dibenzofuran	10.25	168	94646	5.10	ng	# 94
57) Fluorene	10.59	166	117930	8.57	ng	# 92
70) Phenanthrene	11.55	178	442378	23.84	ng	97
71) Anthracene	11.61	178	446980	24.65	ng	99
72) Carbazole	11.77	167	67020	3.87	ng	# 79
74) Fluoranthene	12.75	202	772362	42.55	ng	96
77) Pyrene	12.98	202	792913	40.37	ng	100
80) Benzo(a)anthracene	14.17	228	308599	21.18	ng	90
82) Chrysene	14.20	228	351219m	22.58	ng	
83) Bis(2-ethylhexyl)phthalate	14.15	149	225004	22.45	ng	# 97
85) Indeno(1,2,3-cd)pyrene	17.20	276	160027	13.90	ng	97
87) Benzo(b)fluoranthene	15.24	252	427292m	33.60	ng	
88) Benzo(k)fluoranthene	15.25	252	141885m	13.42	ng	
89) Benzo(a)pyrene	15.62	252	246442	22.91	ng	# 91
90) Dibenzo(a,h)anthracene	17.20	278	36439	4.19	ng	# 59
91) Benzo(g,h,i)perylene	17.65	276	183942	20.91	ng	# 88

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

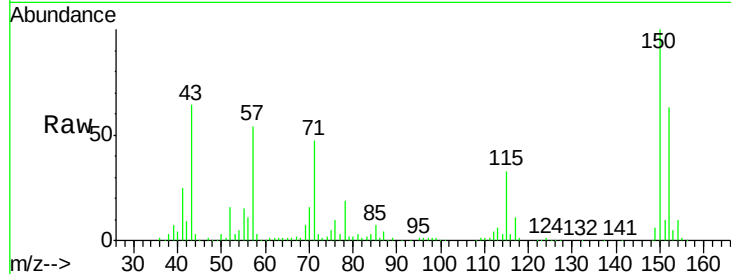


#1

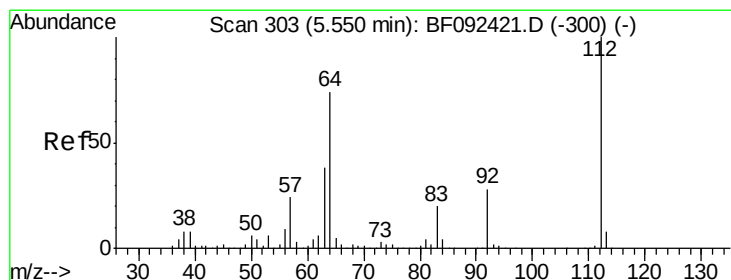
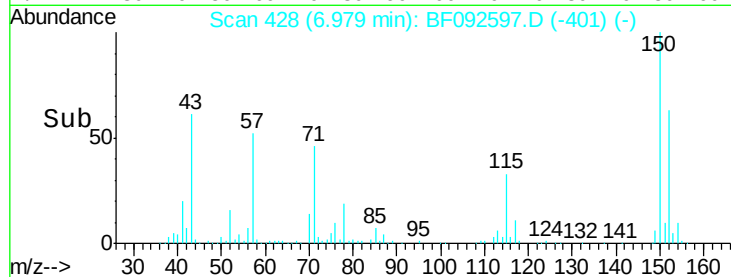
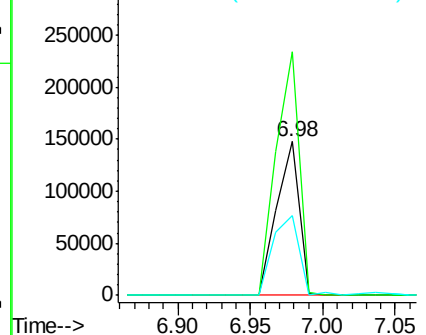
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 428
Delta R.T. 0.01 min
Lab File: BF092597.D
Acq: 28 Jan 2017 1:05

Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S3C3

Tgt Ion:152 Resp: 159471
Ion Ratio Lower Upper
152 100
150 158.4 124.9 187.3
115 51.6 46.0 69.0



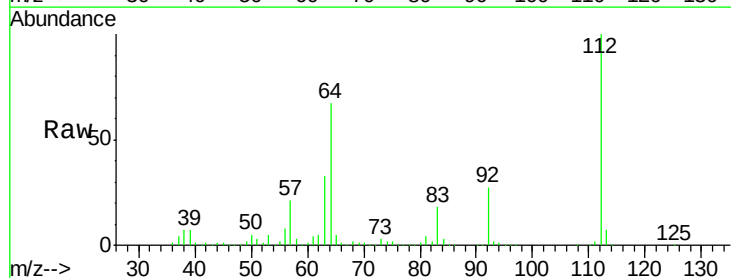
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



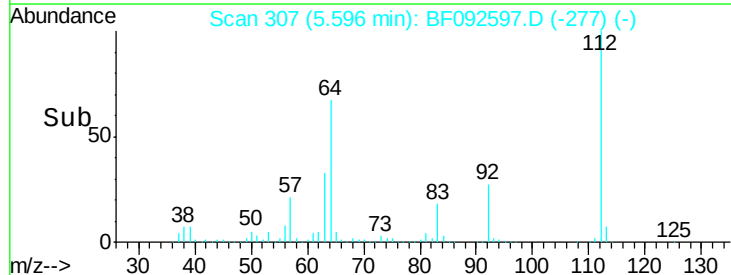
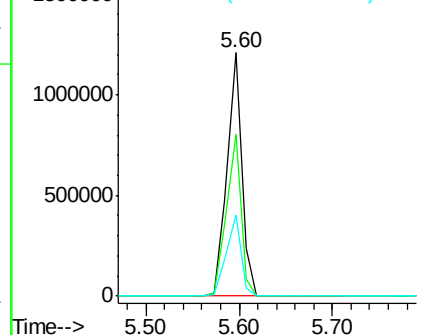
#5

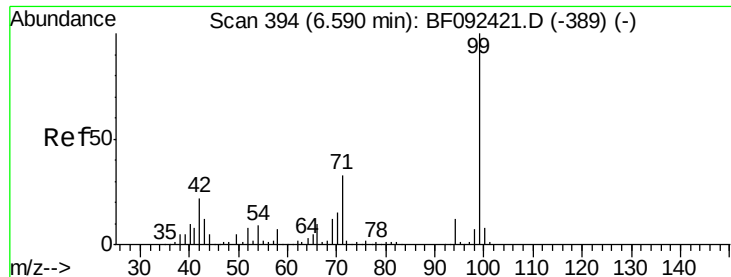
2-Fluorophenol
Concen: 130.45 ng
RT: 5.60 min Scan# 307
Delta R.T. 0.05 min
Lab File: BF092597.D
Acq: 28 Jan 2017 1:05

Tgt Ion:112 Resp: 1337059
Ion Ratio Lower Upper
112 100
64 66.5 46.1 69.1
63 33.4 23.8 35.6



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: 131.24 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.03 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S3C3

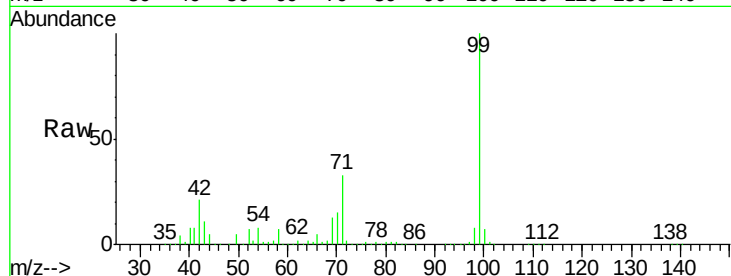
Tgt Ion: 99 Resp: 1713512

Ion Ratio Lower Upper

99 100

42 20.9 15.6 23.4

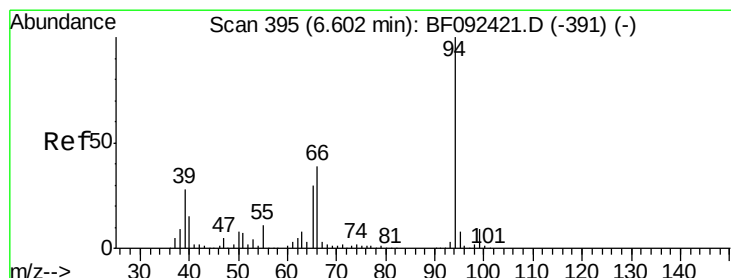
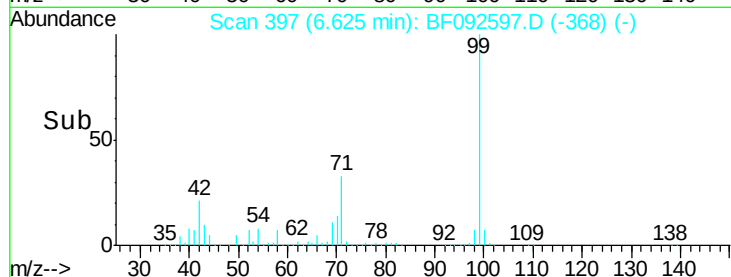
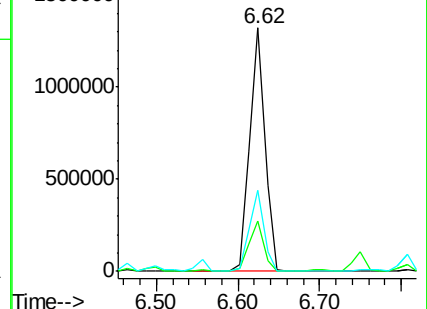
71 33.0 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 5.67 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.03 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

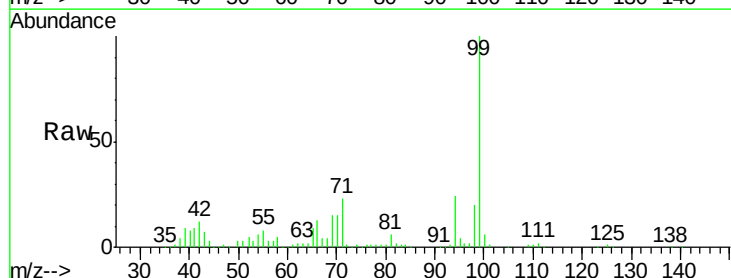
Tgt Ion: 94 Resp: 89355

Ion Ratio Lower Upper

94 100

65 36.1 21.4 61.4

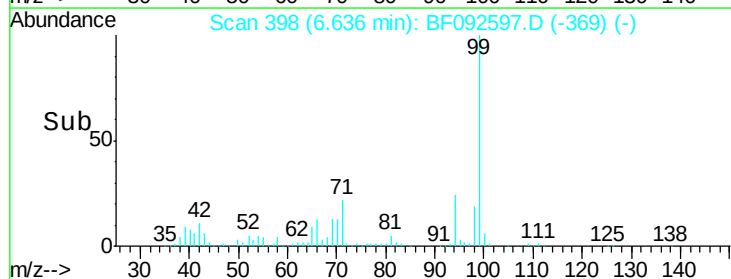
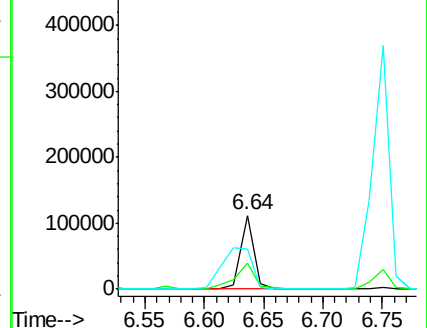
66 53.8 44.0 84.0

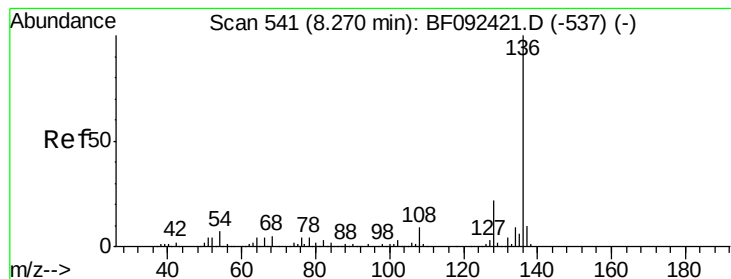


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.27 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S3C3

Tgt Ion:136 Resp: 600868

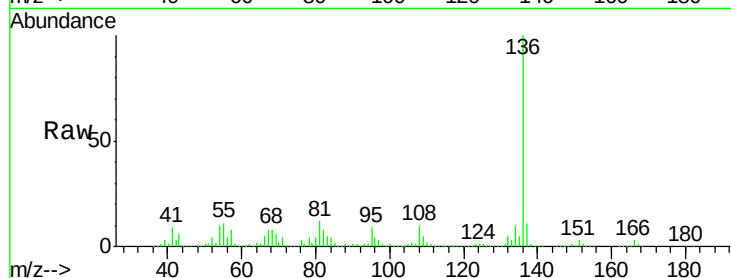
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 10.1 4.5 6.7#

68 7.8 3.6 5.4#

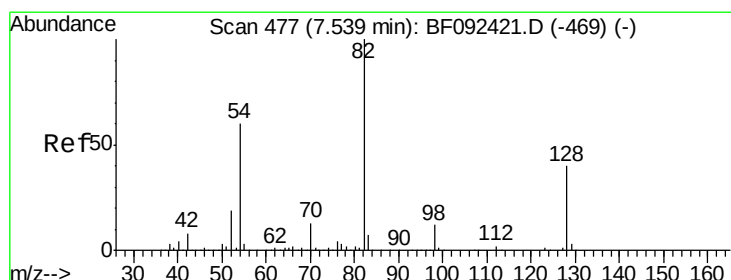
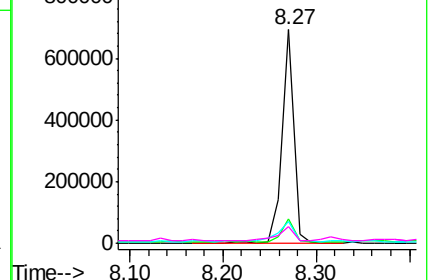
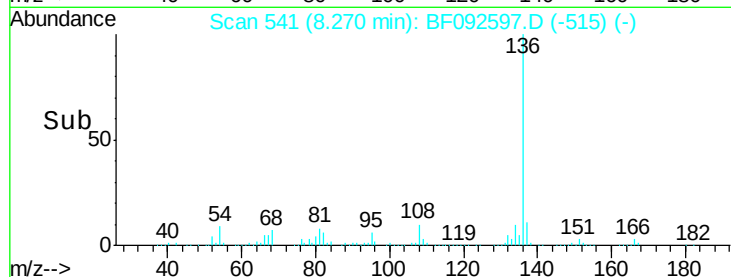


Abundance Ion 136.00 (135.70 to 136.70): E

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: 108.66 ng

RT: 7.55 min Scan# 478

Delta R.T. 0.01 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

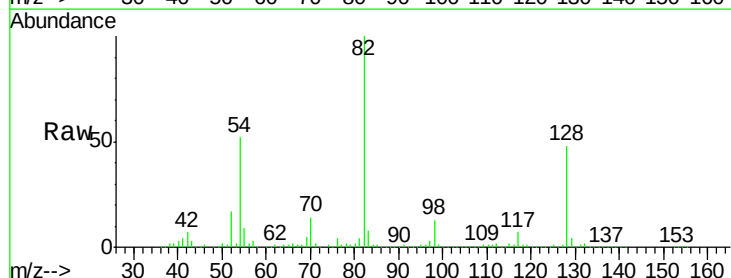
Tgt Ion: 82 Resp: 1195215

Ion Ratio Lower Upper

82 100

128 48.0 34.6 52.0

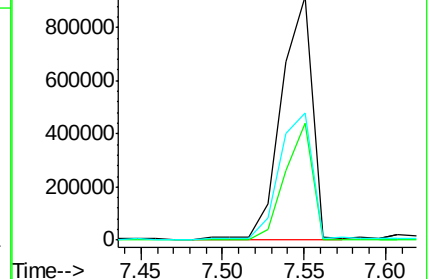
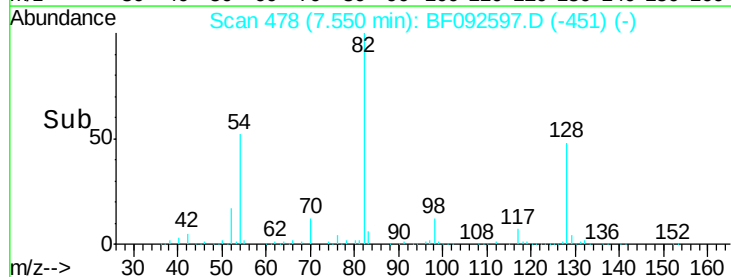
54 52.5 39.5 59.3

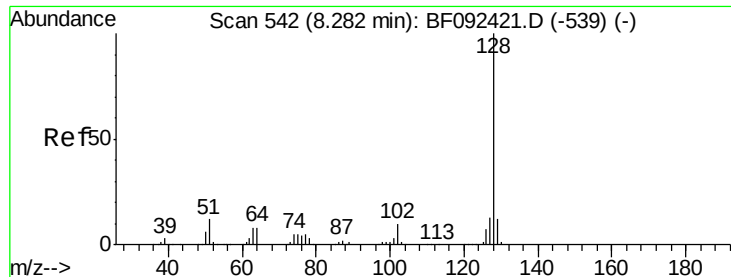


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

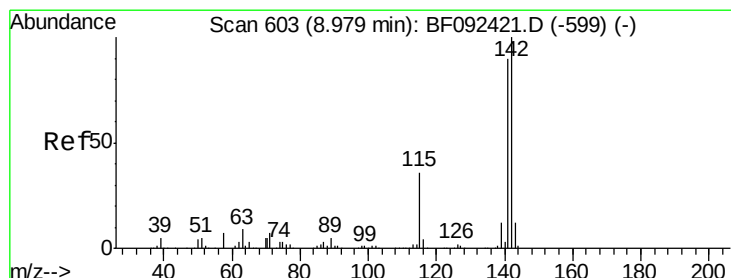
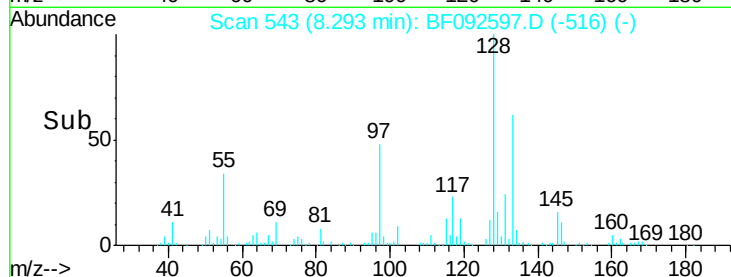
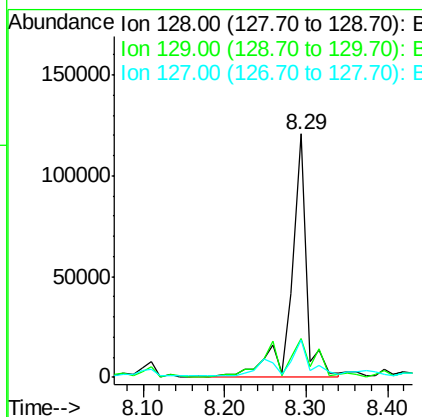
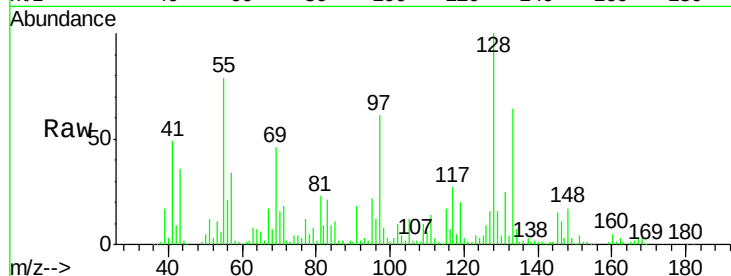




#31
Naphthalene
Concen: 5.05 ng
RT: 8.29 min Scan# 543
Delta R.T. 0.01 min
Lab File: BF092597.D
Acq: 28 Jan 2017 1:05

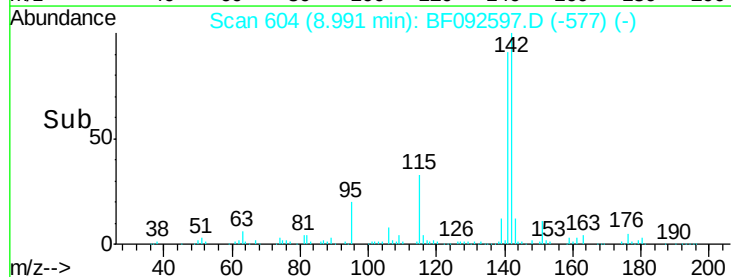
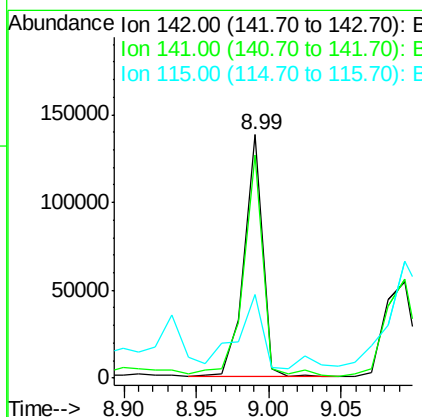
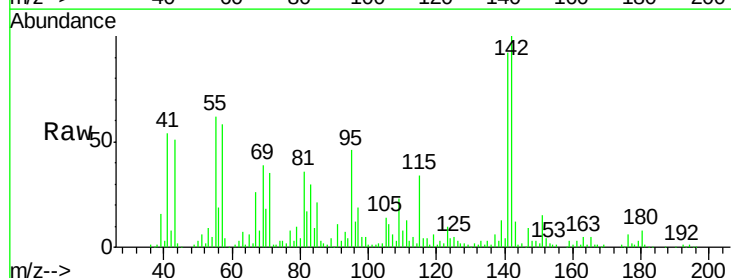
Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S3C3

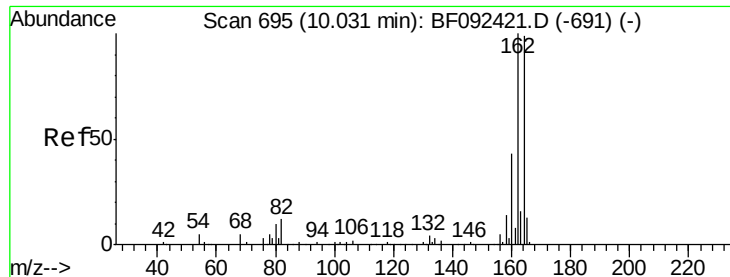
Tgt Ion:128 Resp: 155438
Ion Ratio Lower Upper
128 100
129 16.1 9.5 14.3#
127 15.6 10.8 16.2



#37
2-Methylnaphthalene
Concen: 6.28 ng
RT: 8.99 min Scan# 604
Delta R.T. 0.01 min
Lab File: BF092597.D
Acq: 28 Jan 2017 1:05

Tgt Ion:142 Resp: 122247
Ion Ratio Lower Upper
142 100
141 91.6 71.0 106.6
115 34.3 28.3 42.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.04 min Scan# 696

Delta R.T. 0.01 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S3C3

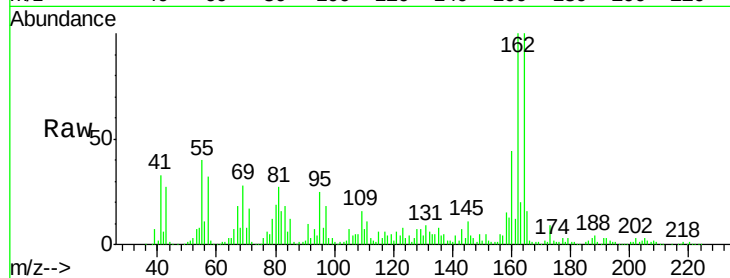
Tgt Ion:164 Resp: 254092

Ion Ratio Lower Upper

164 100

162 100.3 80.2 120.2

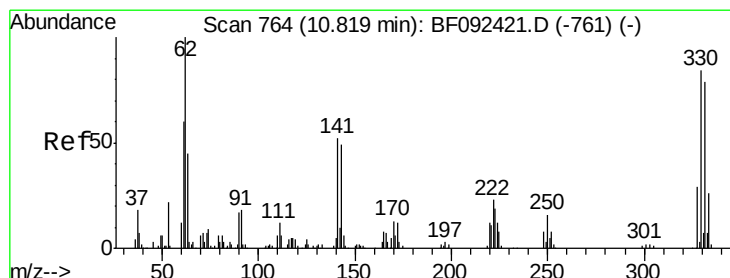
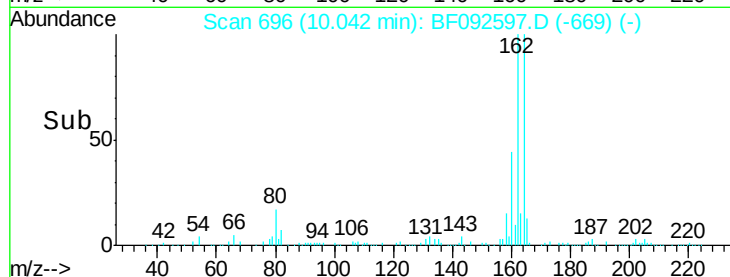
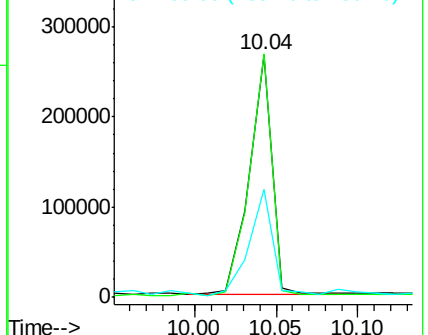
160 44.4 36.9 55.3



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: 142.29 ng

RT: 10.83 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

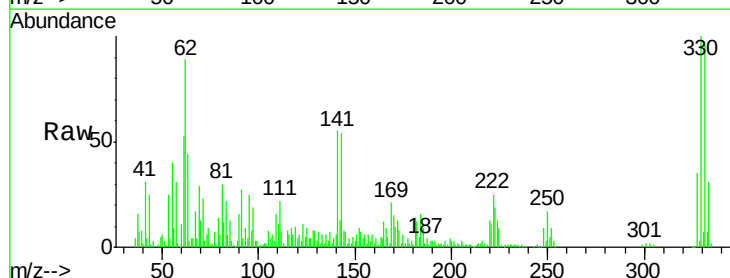
Tgt Ion:330 Resp: 246381

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

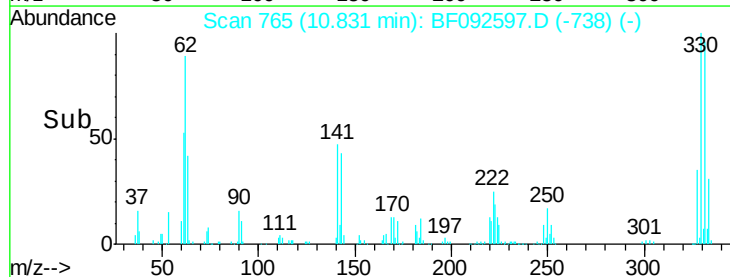
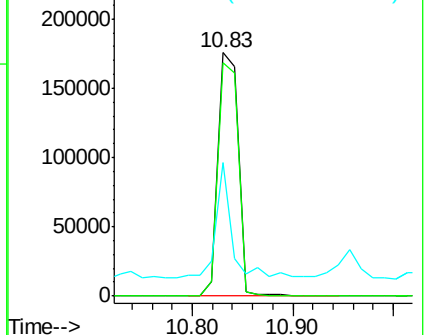
141 36.5 34.1 51.1

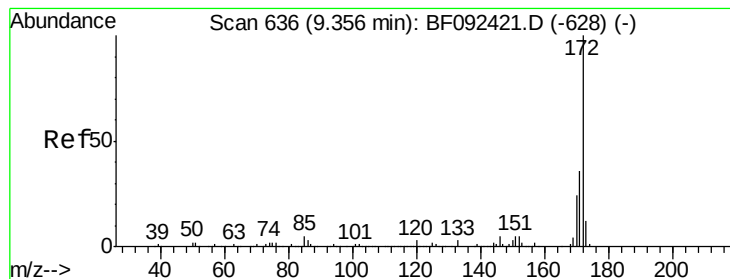


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 111.74 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S3C3

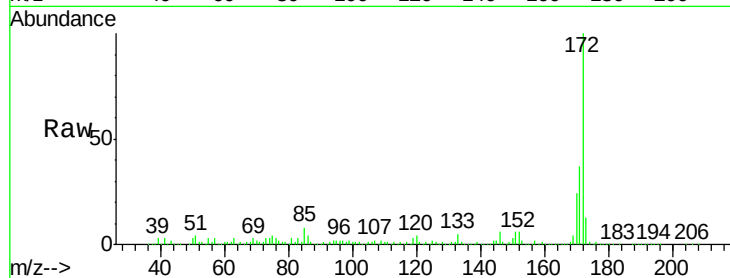
Tgt Ion:172 Resp: 1535358

Ion Ratio Lower Upper

172 100

171 36.6 29.4 44.0

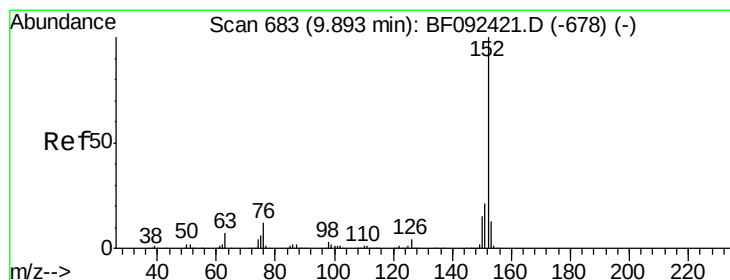
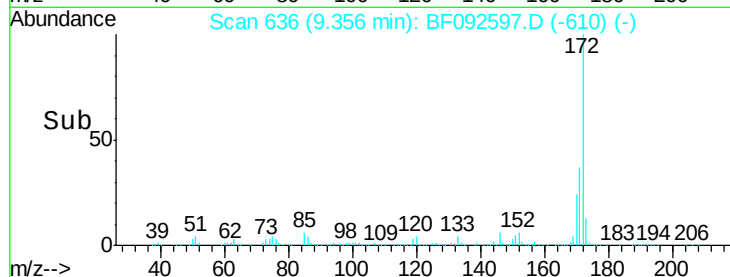
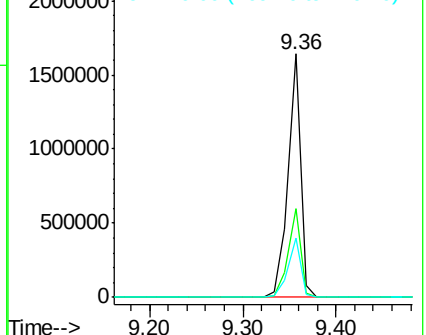
170 24.4 20.2 30.4



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: 4.20 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

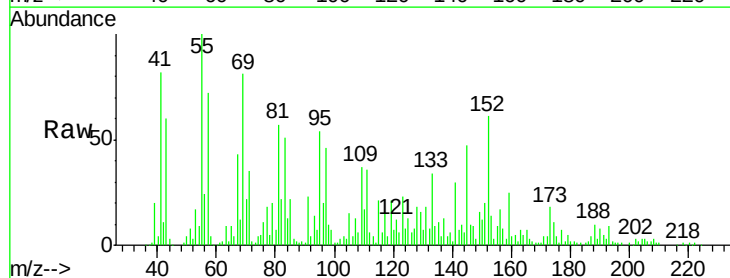
Tgt Ion:152 Resp: 92329

Ion Ratio Lower Upper

152 100

151 33.0 16.9 25.3#

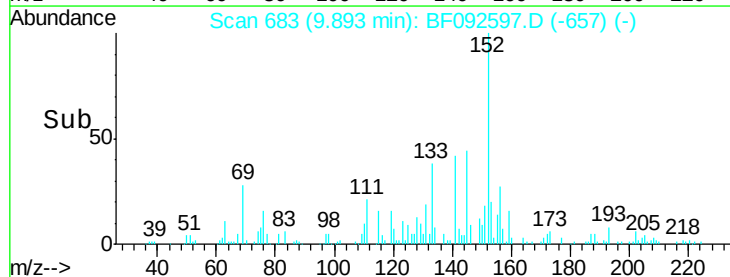
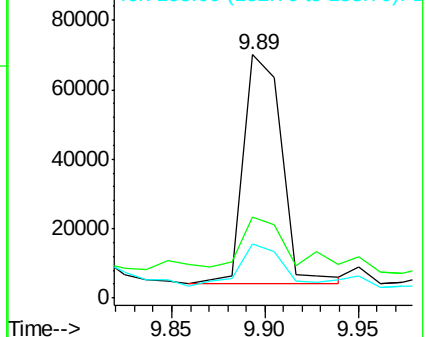
153 22.3 11.4 17.2#

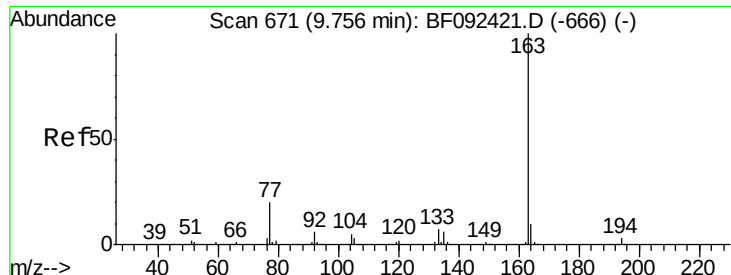


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

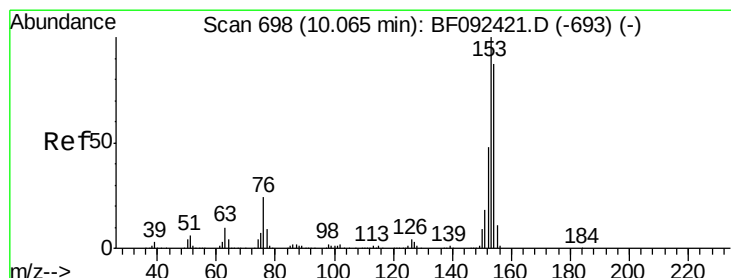
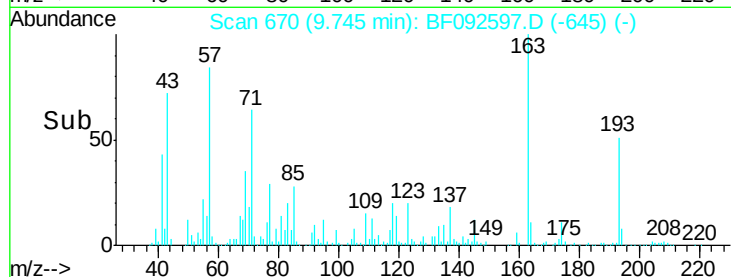
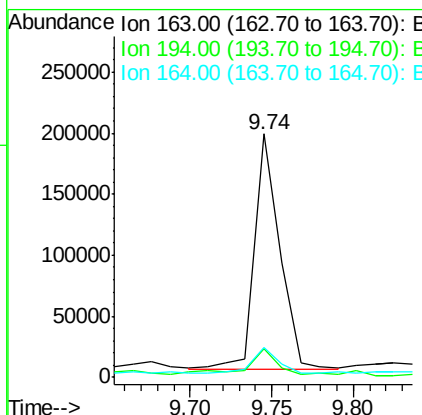
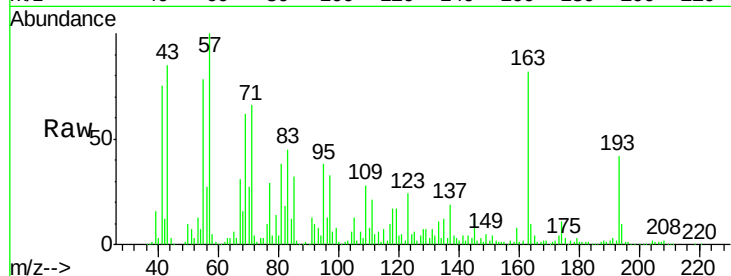




#49
Dimethylphthalate
Concen: 12.79 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF092597.D
Acq: 28 Jan 2017 1:05

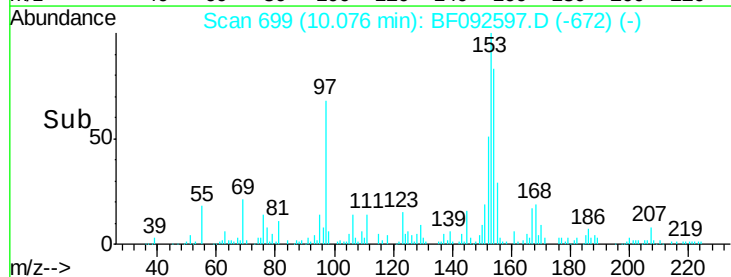
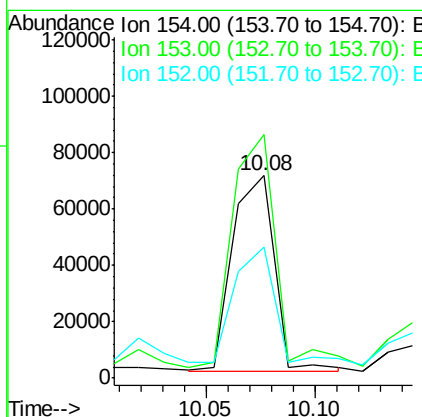
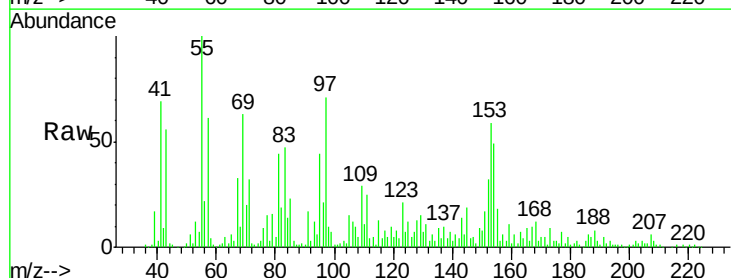
Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S3C3

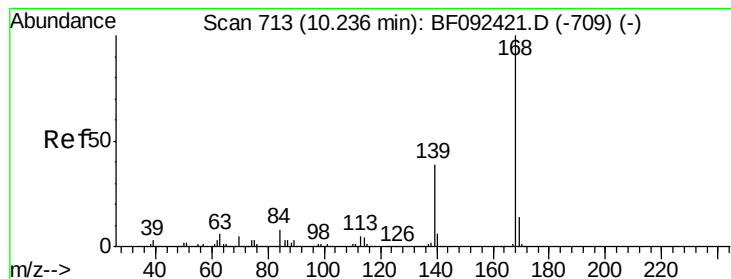
Tgt Ion:163 Resp: 206593
Ion Ratio Lower Upper
163 100
194 11.7 3.0 4.4#
164 12.3 8.0 12.0#



#51
Acenaphthene
Concen: 6.75 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF092597.D
Acq: 28 Jan 2017 1:05

Tgt Ion:154 Resp: 92301
Ion Ratio Lower Upper
154 100
153 120.5 88.6 133.0
152 64.8 41.6 62.4#





#54

Dibenzenofuran

Concen: 5.10 ng

RT: 10.25 min Scan# 714

Delta R.T. 0.01 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S3C3

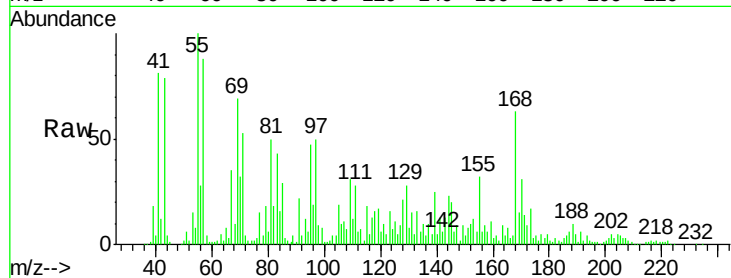
Tgt Ion:168 Resp: 94646

Ion Ratio Lower Upper

168 100

139 40.3 32.6 49.0

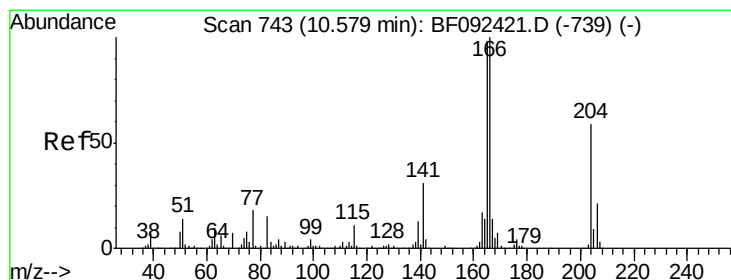
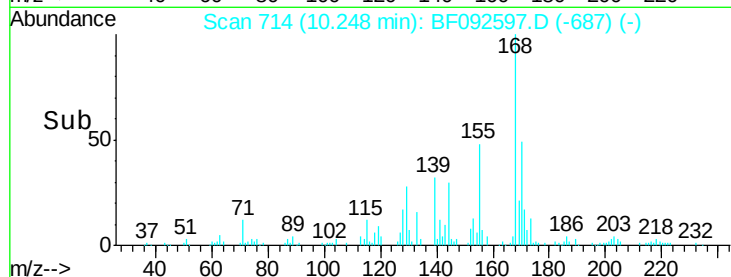
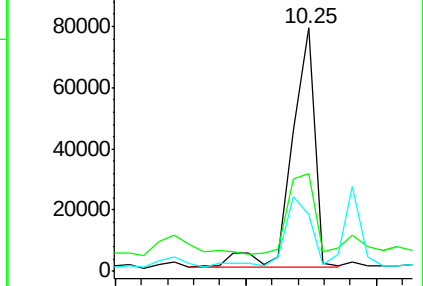
169 23.2 11.3 16.9#



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



#57

Fluorene

Concen: 8.57 ng

RT: 10.59 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

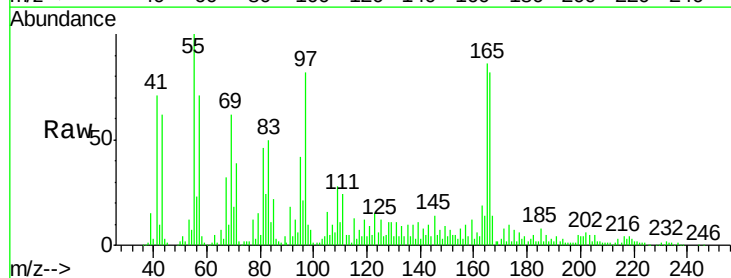
Tgt Ion:166 Resp: 117930

Ion Ratio Lower Upper

166 100

165 104.7 77.8 116.8

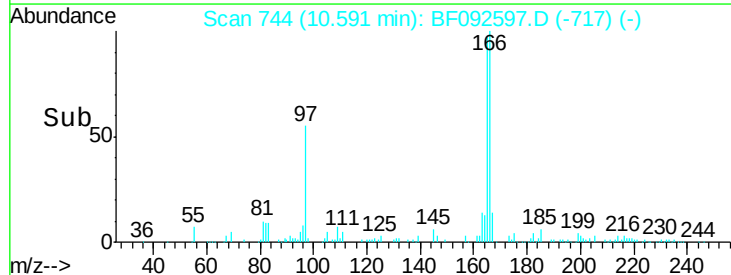
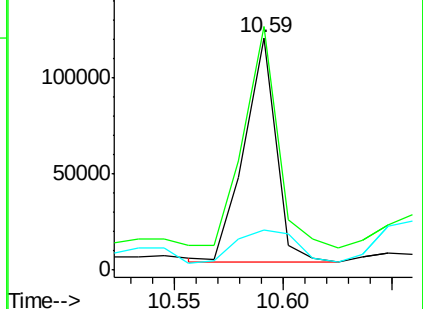
167 17.3 10.8 16.2#

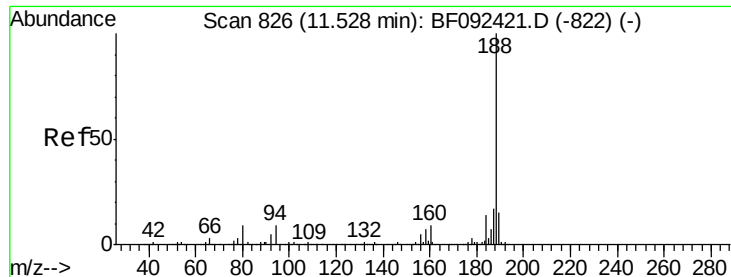


Abundance Ion 166.00 (165.70 to 166.70): E

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: 11.53 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S3C3

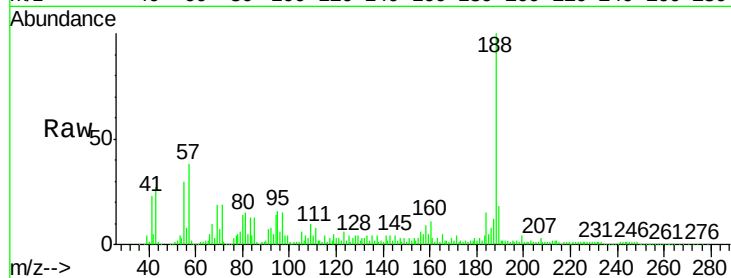
Tgt Ion:188 Resp: 336953

Ion Ratio Lower Upper

188 100

94 13.9 10.0 15.0

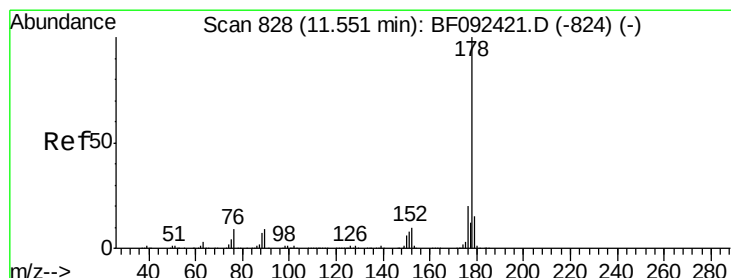
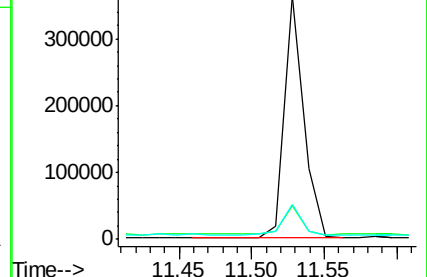
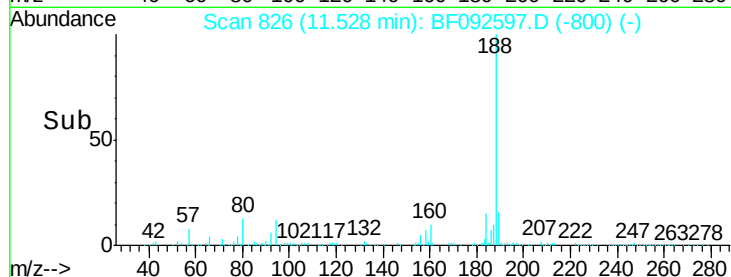
80 14.3 11.2 16.8



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: 23.84 ng

RT: 11.55 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

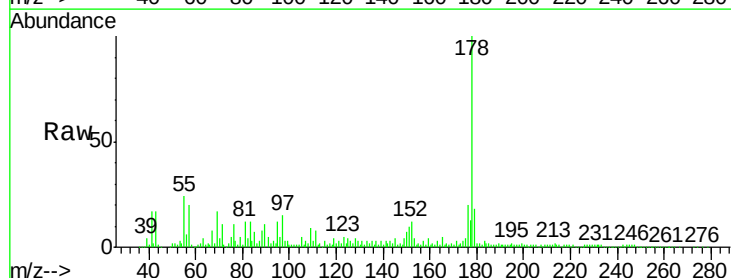
Tgt Ion:178 Resp: 442378

Ion Ratio Lower Upper

178 100

176 19.9 16.6 25.0

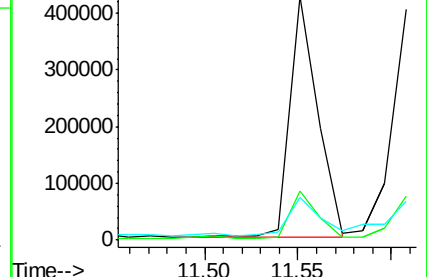
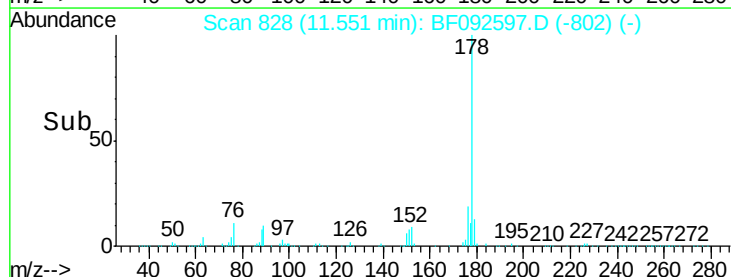
179 17.6 12.8 19.2

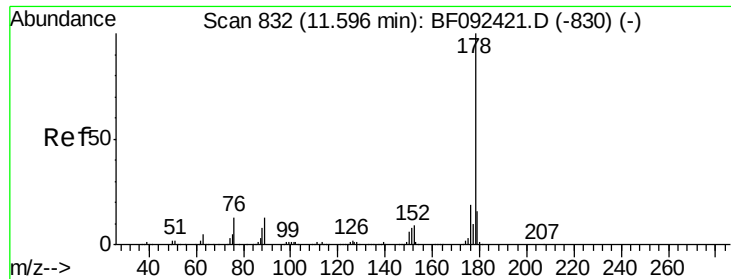


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 24.65 ng

RT: 11.61 min Scan# 833

Delta R.T. 0.01 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S3C3

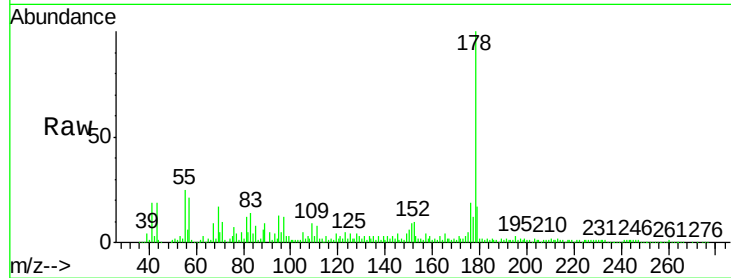
Tgt Ion:178 Resp: 446980

Ion Ratio Lower Upper

178 100

176 19.2 15.9 23.9

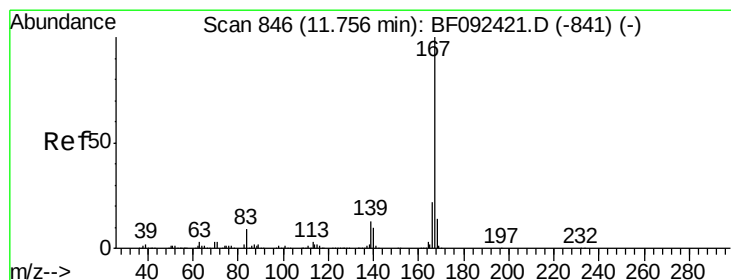
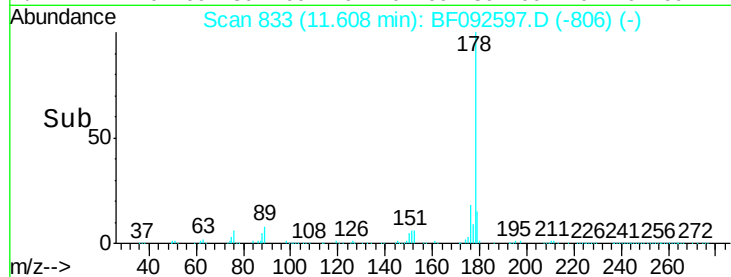
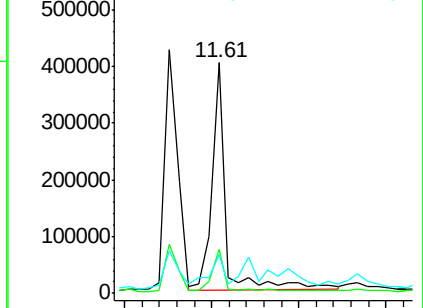
179 16.9 13.2 19.8



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: 3.87 ng

RT: 11.77 min Scan# 847

Delta R.T. 0.01 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

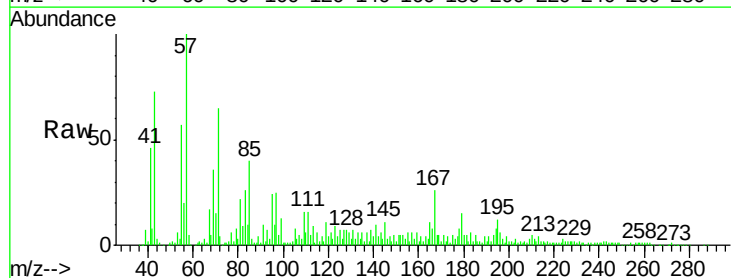
Tgt Ion:167 Resp: 67020

Ion Ratio Lower Upper

167 100

166 31.3 18.2 27.2#

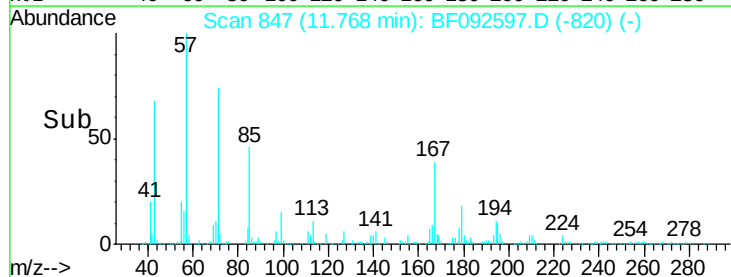
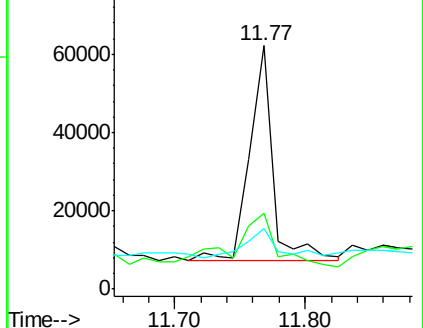
139 24.7 11.4 17.2#

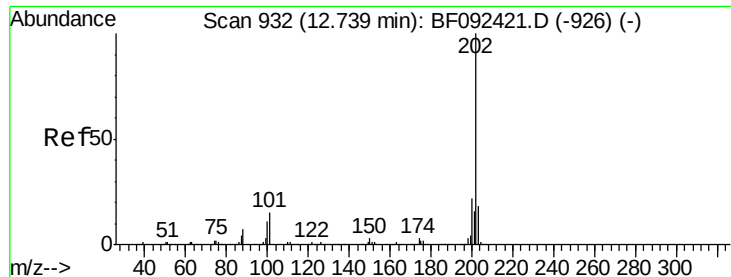


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 42.55 ng

RT: 12.75 min Scan# 933

Delta R.T. 0.01 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S3C3

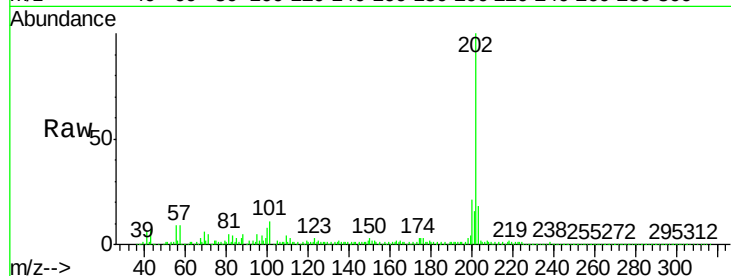
Tgt Ion:202 Resp: 772362

Ion Ratio Lower Upper

202 100

101 11.3 0.0 34.6

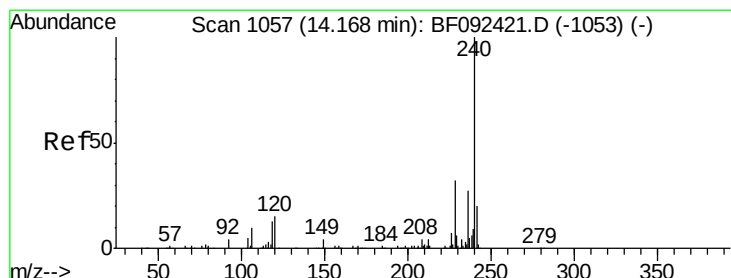
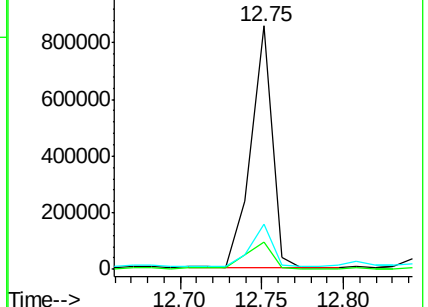
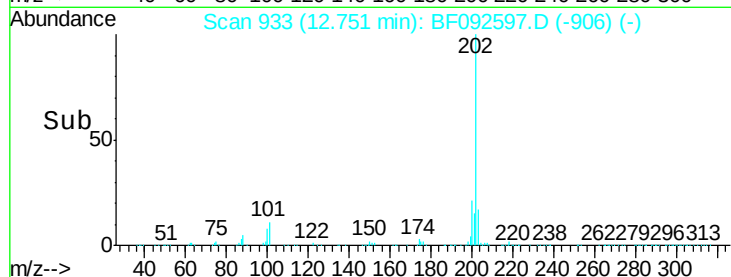
203 18.4 0.0 38.7



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: 14.18 min Scan# 1058

Delta R.T. 0.01 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

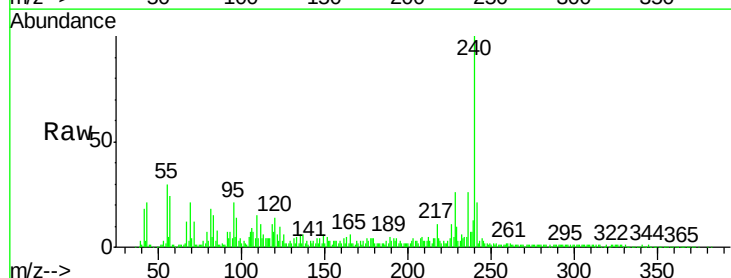
Tgt Ion:240 Resp: 271054

Ion Ratio Lower Upper

240 100

120 13.8 12.9 19.3

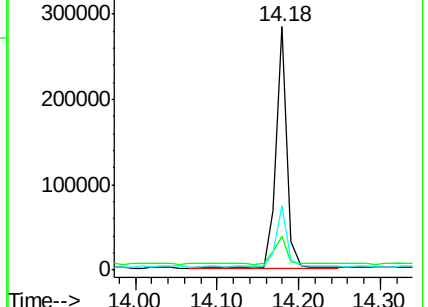
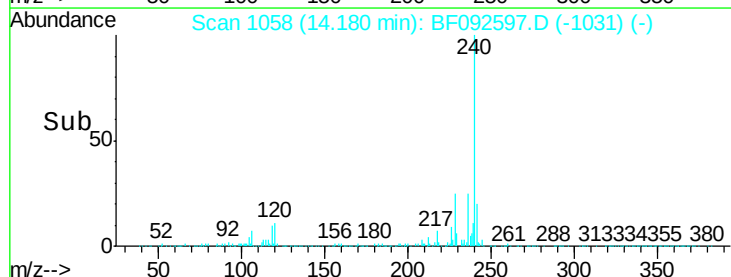
236 26.5 20.9 31.3

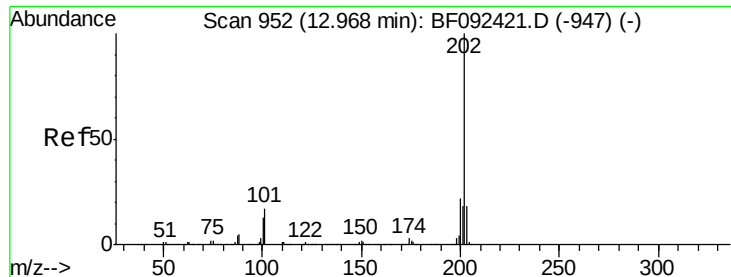


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 40.37 ng

RT: 12.98 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S3C3

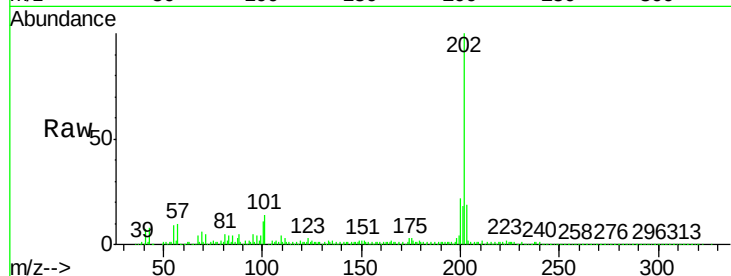
Tgt Ion:202 Resp: 792913

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

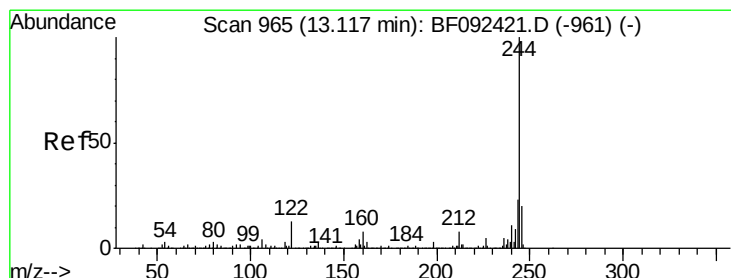
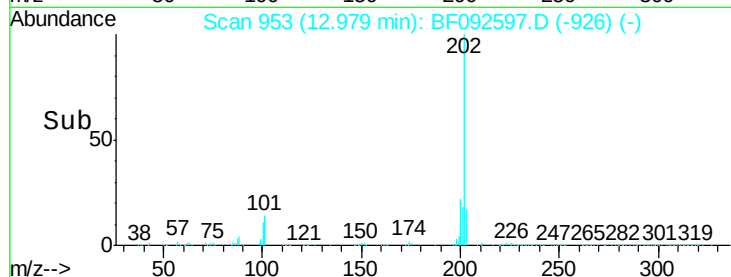
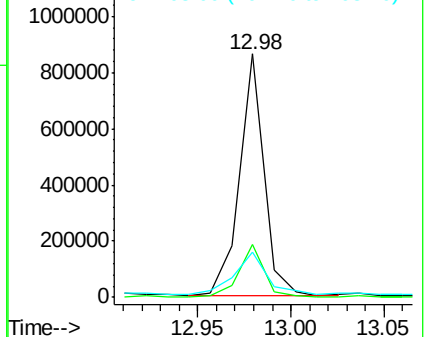
203 18.6 14.7 22.1



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: 105.38 ng

RT: 13.12 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

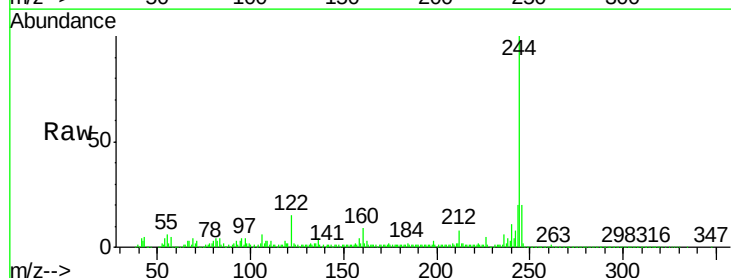
Tgt Ion:244 Resp: 1072693

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

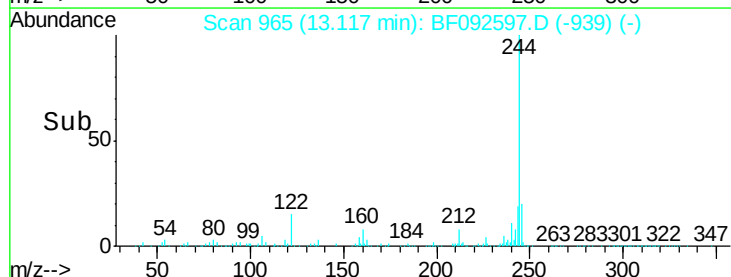
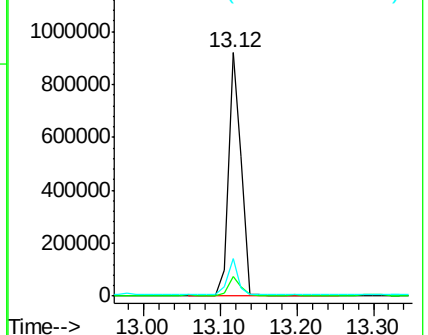
122 15.2 11.4 17.2

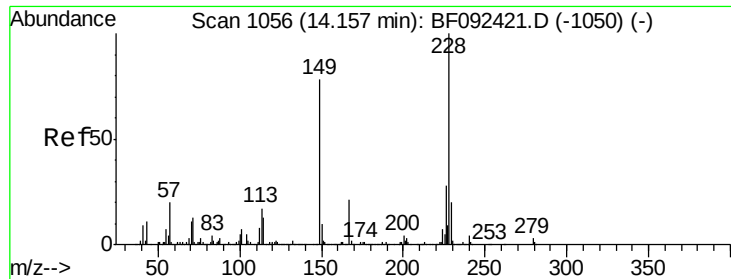


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 21.18 ng

RT: 14.17 min Scan# 1057

Delta R.T. 0.01 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S3C3

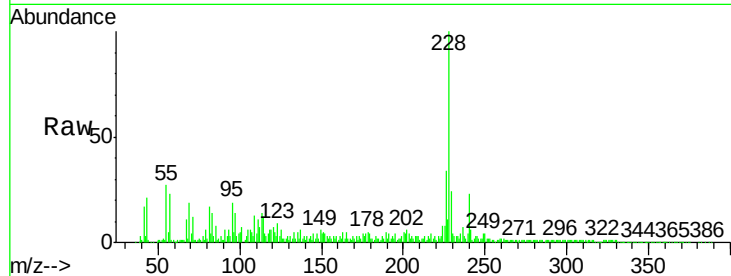
Tgt Ion:228 Resp: 308599

Ion Ratio Lower Upper

228 100

226 33.5 22.4 33.6

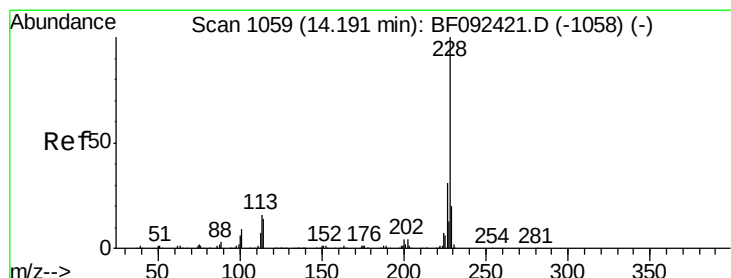
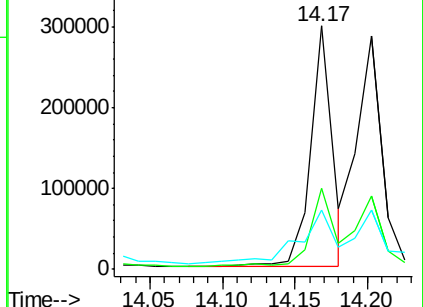
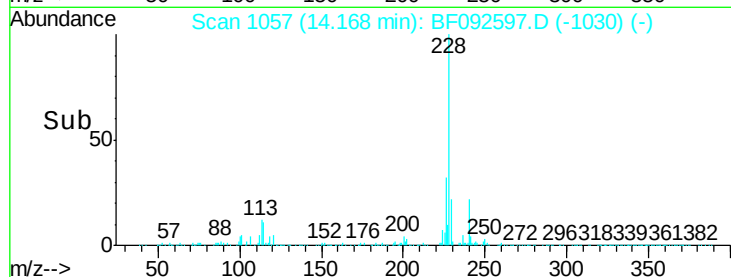
229 24.3 16.2 24.4



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



#82

Chrysene

Concen: 22.58 ng m

RT: 14.20 min Scan# 1060

Delta R.T. 0.01 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

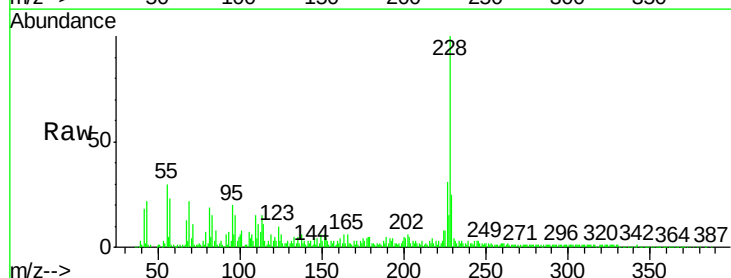
Tgt Ion:228 Resp: 351219

Ion Ratio Lower Upper

228 100

226 31.5 25.4 38.0

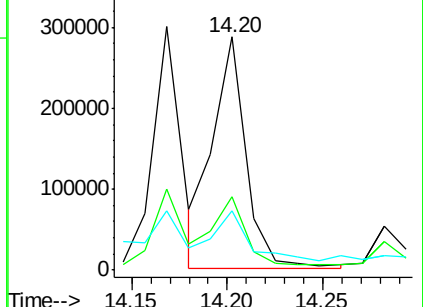
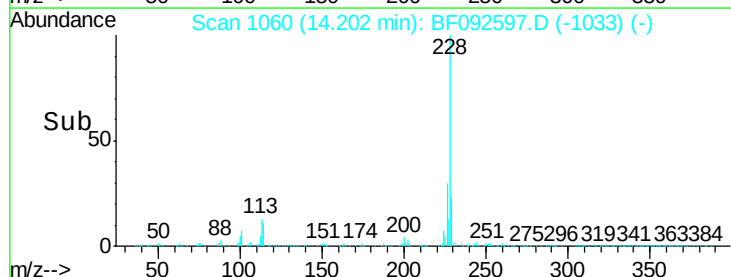
229 25.4 16.2 24.2#

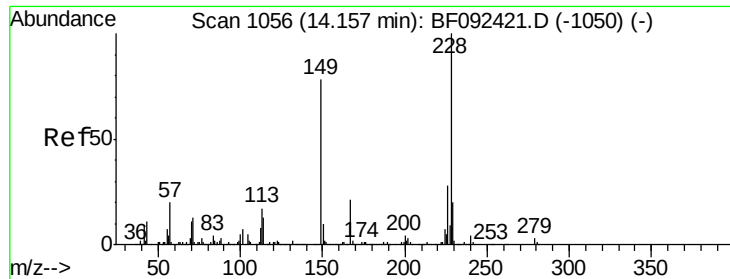


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

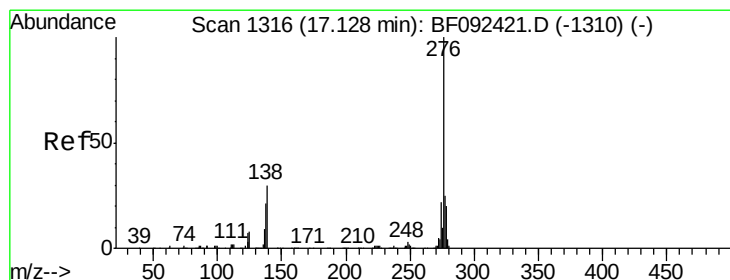
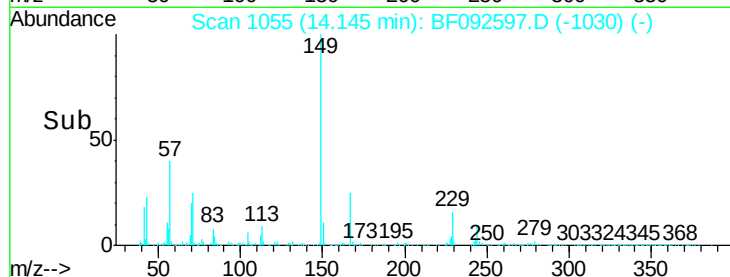
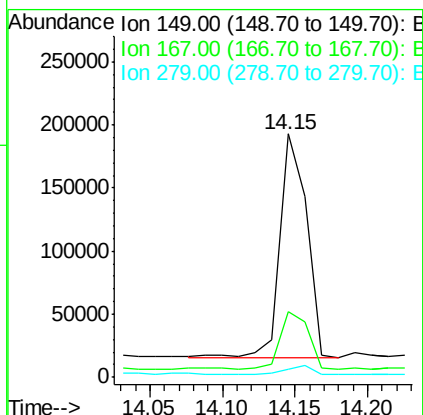
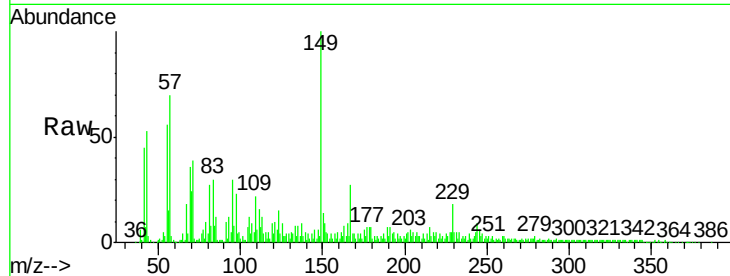




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 22.45 ng
 RT: 14.15 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF092597.D
 Acq: 28 Jan 2017 1:05

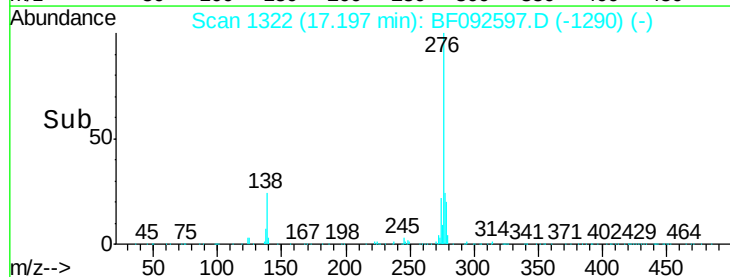
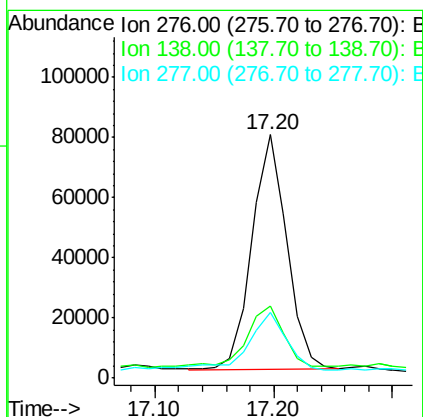
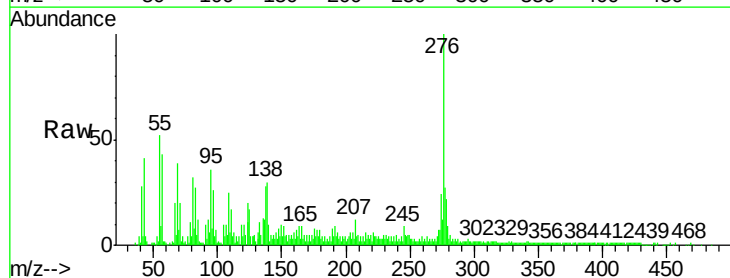
Instrument :
 BNA_F
 ClientSampleId :
 EDC-HPRR-S3C3

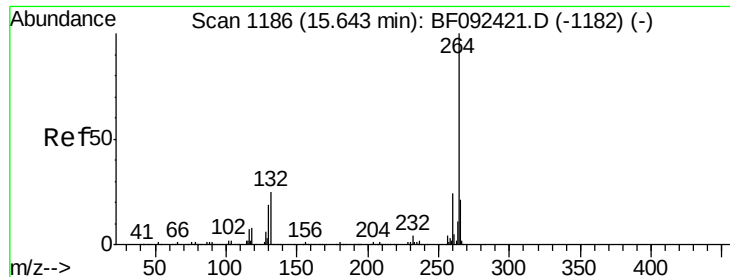
Tgt Ion:149 Resp: 225004
 Ion Ratio Lower Upper
 149 100
 167 26.7 20.2 30.4
 279 3.1 1.8 2.8#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 13.90 ng
 RT: 17.20 min Scan# 1322
 Delta R.T. 0.07 min
 Lab File: BF092597.D
 Acq: 28 Jan 2017 1:05

Tgt Ion:276 Resp: 160027
 Ion Ratio Lower Upper
 276 100
 138 26.9 21.8 32.6
 277 28.5 20.2 30.4

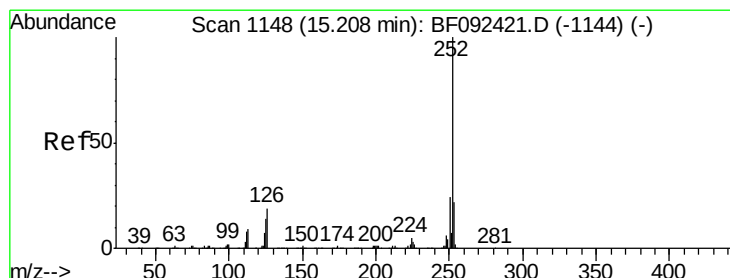
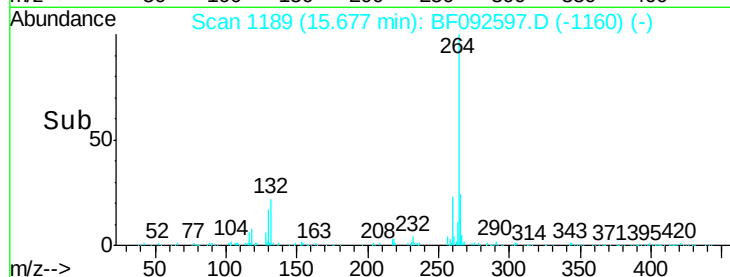
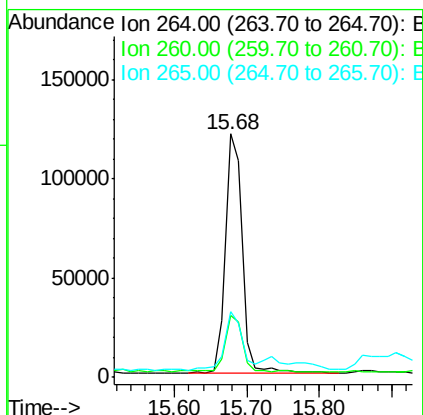
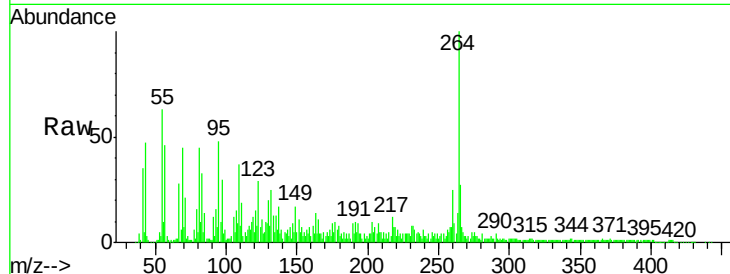




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.68 min Scan# 1189
Delta R.T. 0.03 min
Lab File: BF092597.D
Acq: 28 Jan 2017 1:05

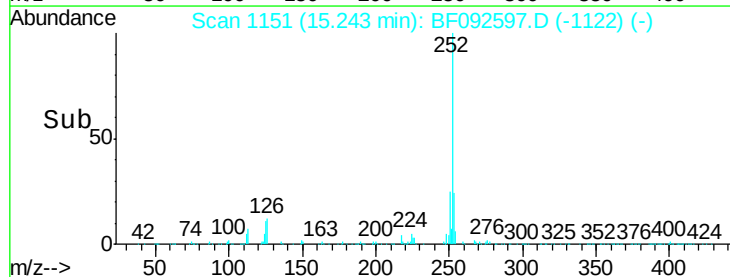
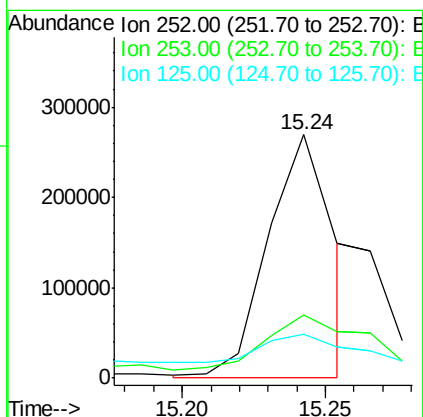
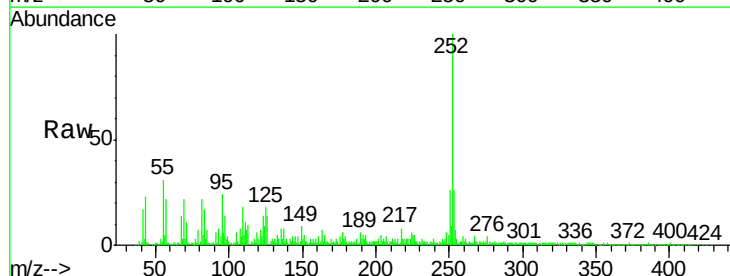
Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S3C3

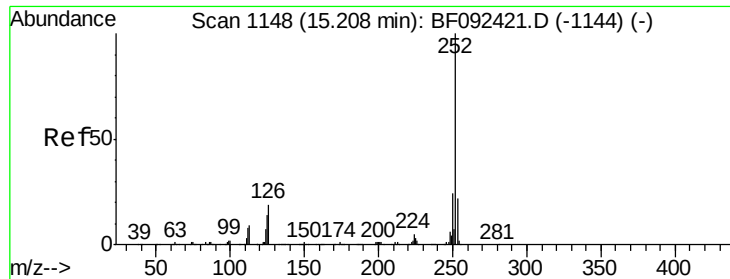
Tgt Ion: 264 Resp: 198107
Ion Ratio Lower Upper
264 100
260 25.4 19.2 28.8
265 27.1 17.4 26.0#



#87
Benzo(b)fluoranthene
Concen: 33.60 ng m
RT: 15.24 min Scan# 1151
Delta R.T. 0.03 min
Lab File: BF092597.D
Acq: 28 Jan 2017 1:05

Tgt Ion: 252 Resp: 427292
Ion Ratio Lower Upper
252 100
253 26.1 18.2 27.4
125 17.9 9.8 14.6#





#88

Benzo(k)fluoranthene

Concen: 13.42 ng m

RT: 15.25 min Scan# 1152

Delta R.T. 0.01 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S3C3

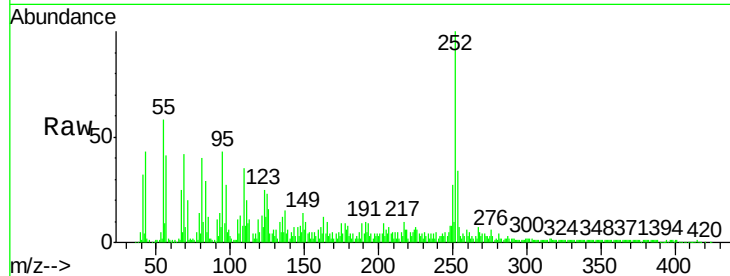
Tgt Ion:252 Resp: 141885

Ion Ratio Lower Upper

252 100

253 34.3 18.5 27.7#

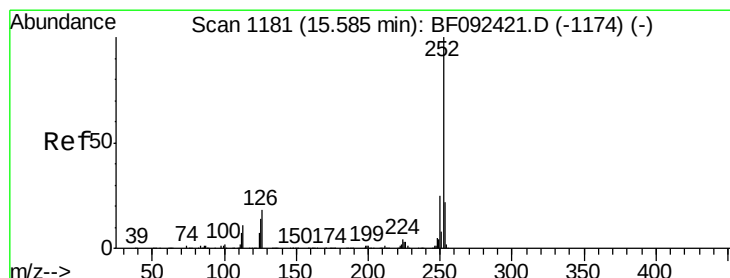
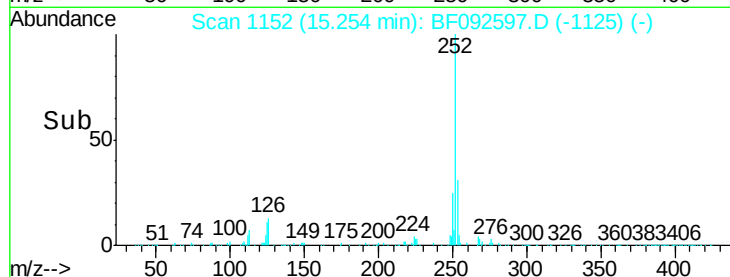
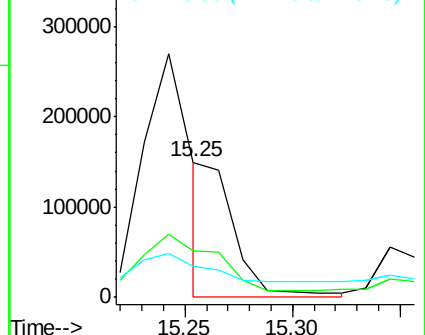
125 23.1 8.9 13.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 22.91 ng

RT: 15.62 min Scan# 1184

Delta R.T. 0.03 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

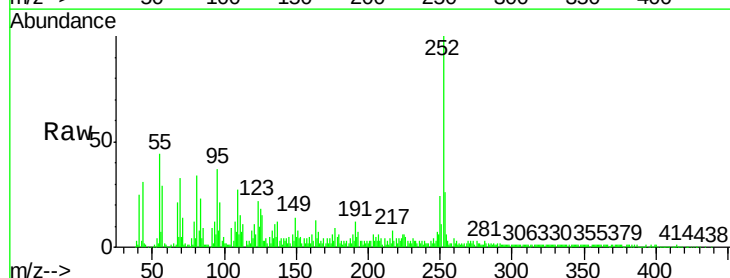
Tgt Ion:252 Resp: 246442

Ion Ratio Lower Upper

252 100

253 25.5 18.2 27.2

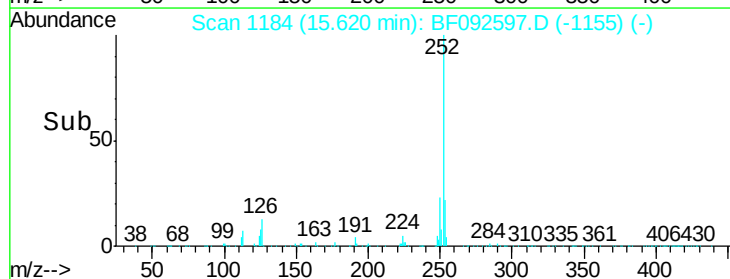
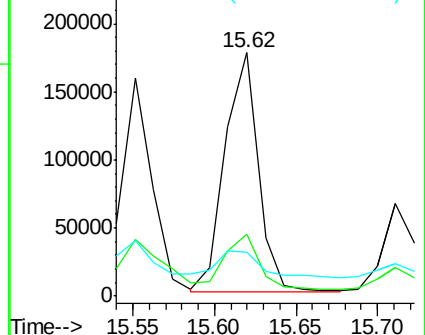
125 18.1 10.0 15.0#

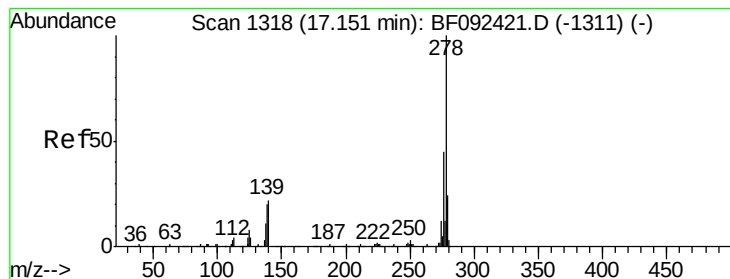


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 4.19 ng

RT: 17.20 min Scan# 1322

Delta R.T. 0.05 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S3C3

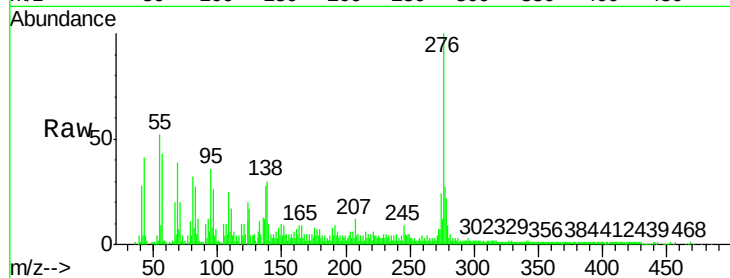
Tgt Ion: 278 Resp: 36439

Ion Ratio Lower Upper

278 100

139 45.2 14.8 22.2#

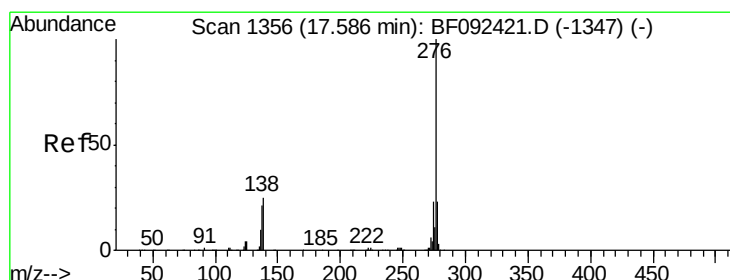
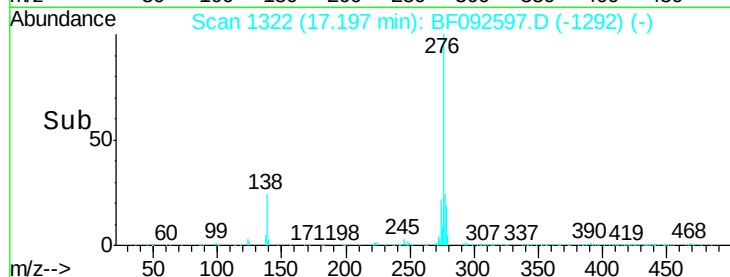
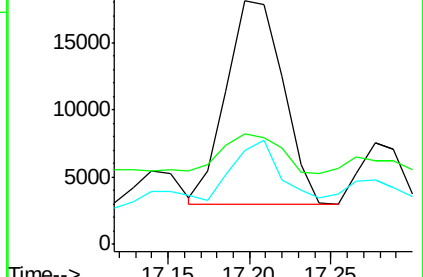
279 38.3 19.8 29.6#



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: 20.91 ng

RT: 17.65 min Scan# 1362

Delta R.T. 0.07 min

Lab File: BF092597.D

Acq: 28 Jan 2017 1:05

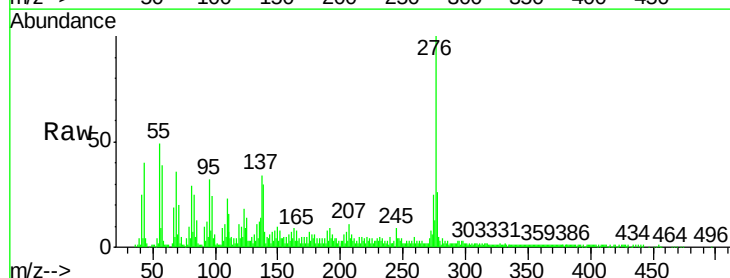
Tgt Ion: 276 Resp: 183942

Ion Ratio Lower Upper

276 100

277 25.7 19.2 28.8

138 30.4 16.0 24.0#



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

