

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
 Data File : BF091821.D
 Acq On : 20 Dec 2016 15:45
 Operator : UM/SJ
 Sample : H6165-05 2X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-9-10

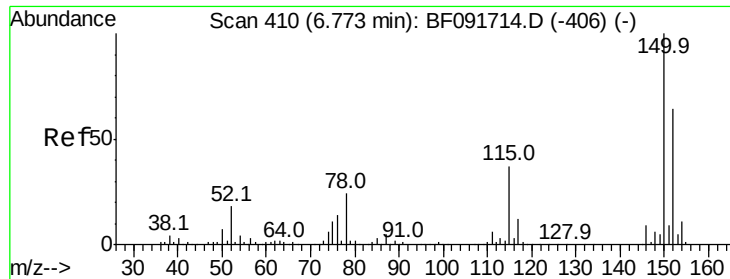
Quant Time: Dec 21 10:47:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	162612	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	608058	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	280900	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	358518	20.00	ng	0.00
75) Chrysene-d12	13.95	240	270947	20.00	ng	0.02
86) Perylene-d12	15.36	264	387104	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	634876	65.41	ng	-0.01
7) Phenol-d6	6.41	99	826603	69.83	ng	-0.01
23) Nitrobenzene-d5	7.32	82	483690	45.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	128510	53.95	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	624142	44.64	ng	-0.02
78) Terphenyl-d14	12.87	244	479438	44.68	ng	-0.01

Target Compounds						Qvalue
10) Phenol	6.42	94	32194	2.41	ng	# 67
31) Naphthalene	8.06	128	2087437	71.86	ng	100
37) 2-Methylnaphthalene	8.76	142	1360477	74.29	ng	100
45) 1,1'-Biphenyl	9.22	154	451879	22.44	ng	97
48) Acenaphthylene	9.65	152	528198	22.66	ng	# 95
49) Dimethylphthalate	9.52	163	98527	5.37	ng	96
51) Acenaphthene	9.84	154	1830484	114.40	ng	98
54) Dibenzofuran	10.01	168	2105735	110.68	ng	100
57) Fluorene	10.35	166	2390573	161.76	ng	99
70) Phenanthrene	11.34	178	11657756	650.75	ng	96
71) Anthracene	11.38	178	4393259m	231.53	ng	
72) Carbazole	11.52	167	1443219	86.98	ng	99
74) Fluoranthene	12.53	202	10636813	568.50	ng	97
77) Pyrene	12.76	202	9127368	466.47	ng	93
80) Benzo(a)anthracene	13.94	228	6537060	421.80	ng	94
82) Chrysene	13.97	228	4745220m	295.39	ng	
83) Bis(2-ethylhexyl)phthalate	13.92	149	30036	2.59	ng	# 88
85) Indeno(1,2,3-cd)pyrene	16.75	276	3241872	205.24	ng	97
87) Benzo(b)fluoranthene	14.98	252	6452008m	262.85	ng	
88) Benzo(k)fluoranthene	14.98	252	2727404m	158.36	ng	
89) Benzo(a)pyrene	15.32	252	5089403	241.57	ng	95
90) Dibenzo(a,h)anthracene	16.74	278	1121743m	61.08	ng	
91) Benzo(g,h,i)perylene	17.15	276	2712419m	145.33	ng	

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091821.D

Acq: 20 Dec 2016 15:45

Instrument :

BNA_F

ClientSampleId :

SB-1-9-10

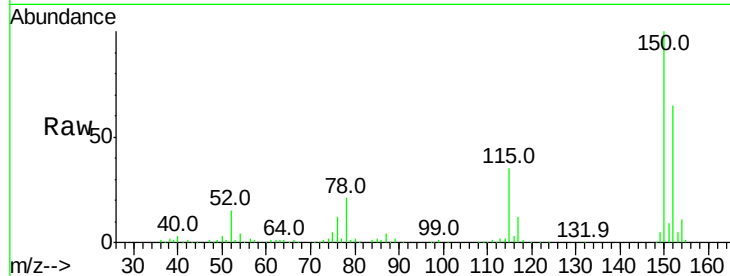
Tot Ion:152 Resp: 162612

Ion Ratio Lower Upper

152 100

150 154.6 124.9 187.3

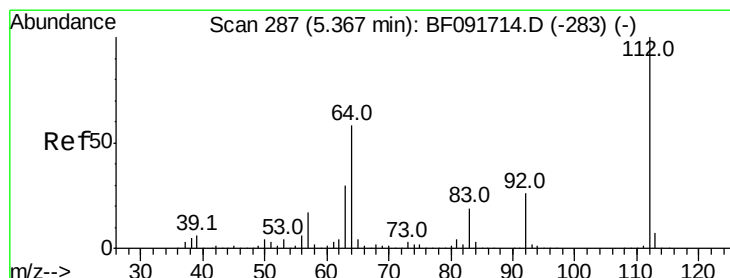
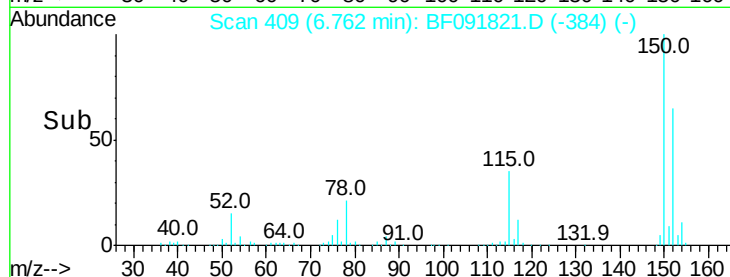
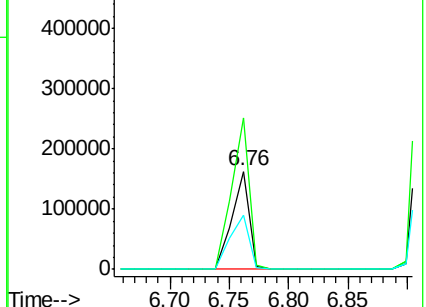
115 54.9 46.0 69.0



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: 65.41 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.01 min

Lab File: BF091821.D

Acq: 20 Dec 2016 15:45

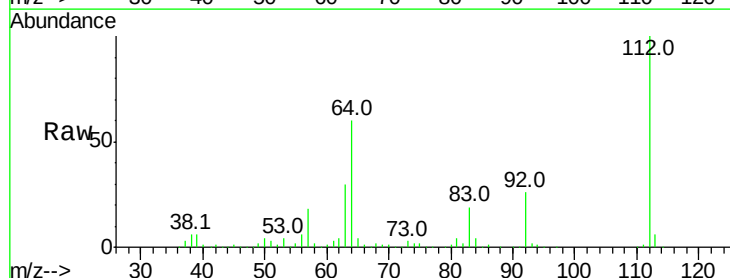
Tgt Ion:112 Resp: 634876

Ion Ratio Lower Upper

112 100

64 60.0 46.1 69.1

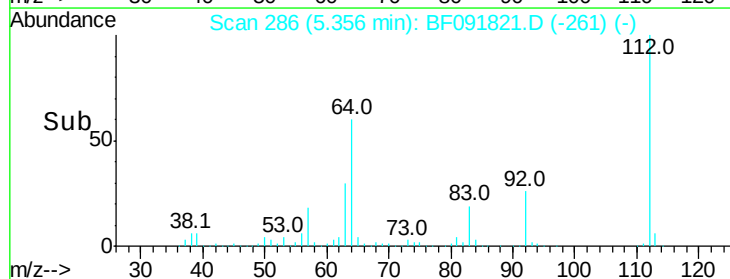
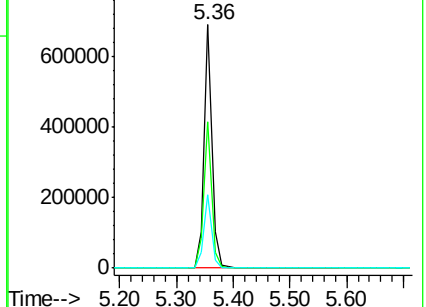
63 30.3 23.8 35.6

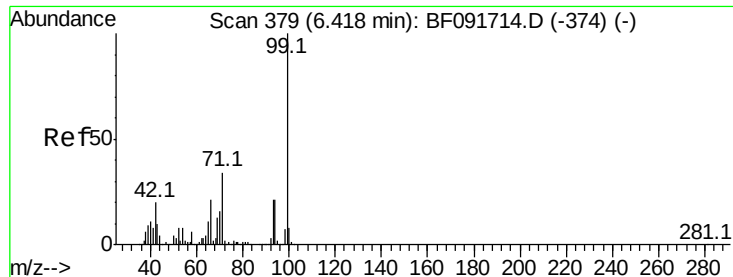


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 69.83 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091821.D

Acq: 20 Dec 2016 15:45

Instrument :

BNA_F

ClientSampleId :

SB-1-9-10

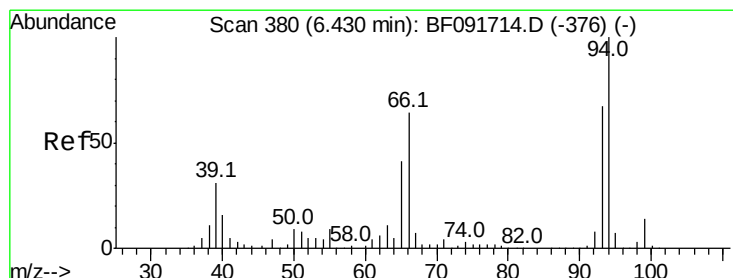
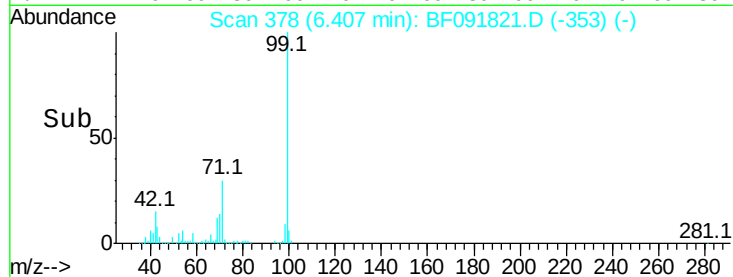
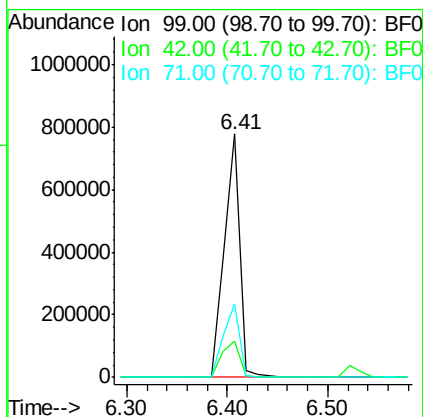
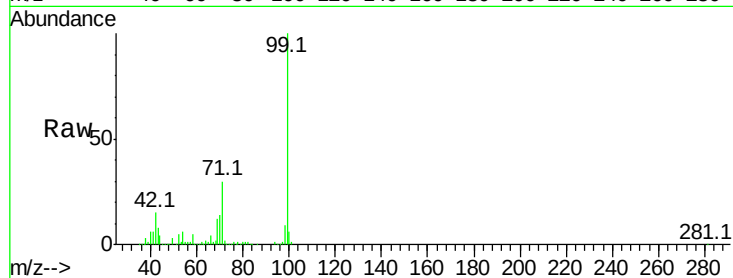
Tot Ion: 99 Resp: 826603

Ion Ratio Lower Upper

99 100

42 14.9 15.6 23.4#

71 30.0 27.5 41.3



#10

Phenol

Concen: 2.41 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091821.D

Acq: 20 Dec 2016 15:45

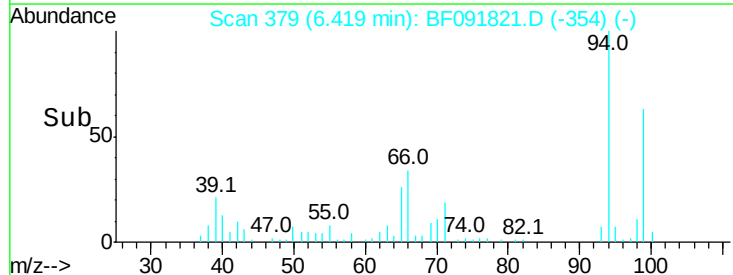
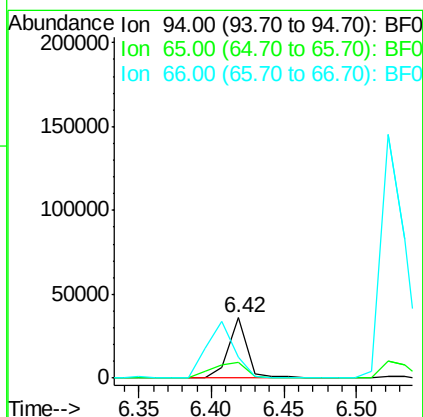
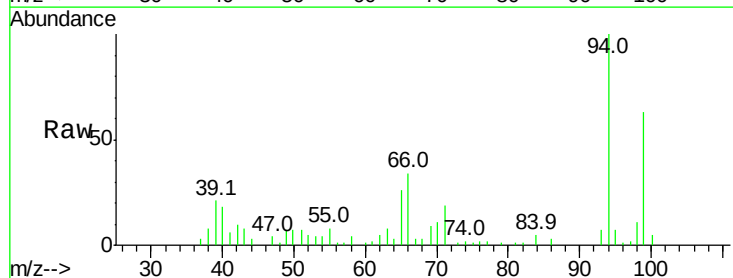
Tgt Ion: 94 Resp: 32194

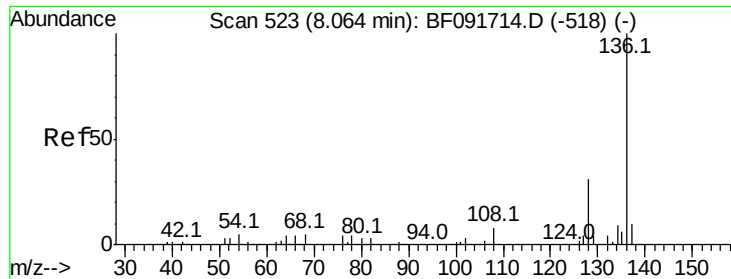
Ion Ratio Lower Upper

94 100

65 25.8 21.4 61.4

66 33.6 44.0 84.0#

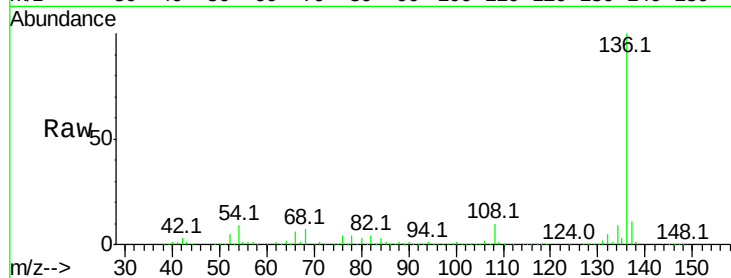




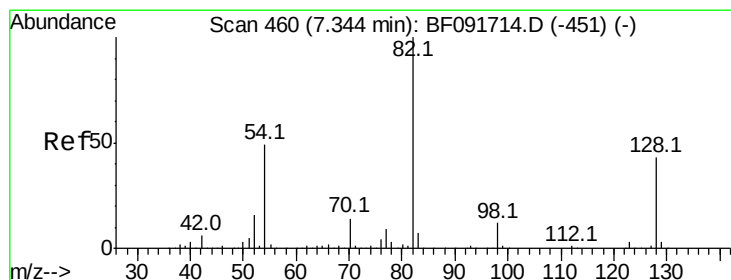
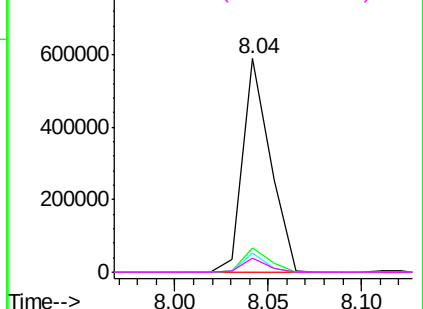
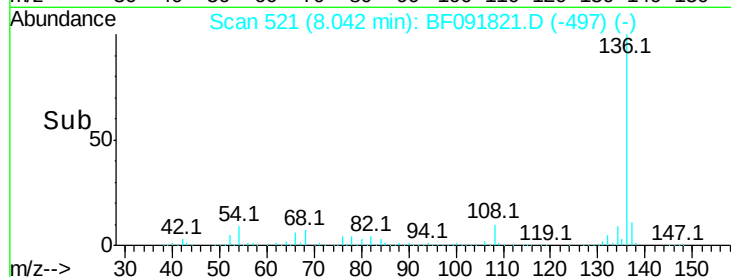
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF091821.D
Acq: 20 Dec 2016 15:45

Instrument :
BNA_F
ClientSampleId :
SB-1-9-10

Tot Ion:136	Resp:	608058
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.4 12.6
54	9.1	4.5 6.7#
68	6.9	3.6 5.4#

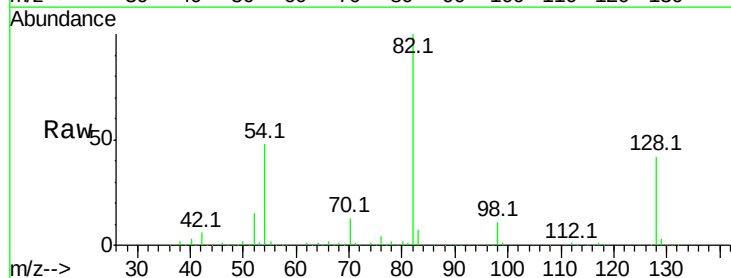


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

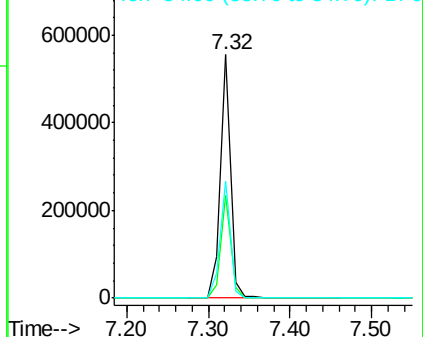
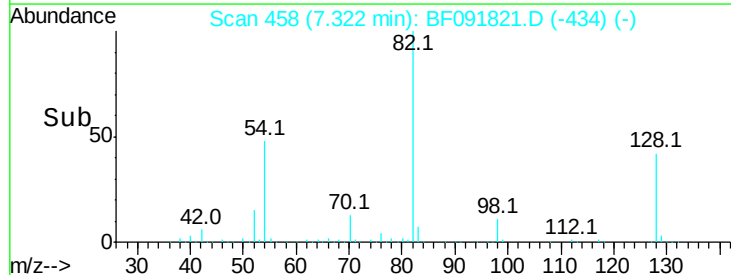


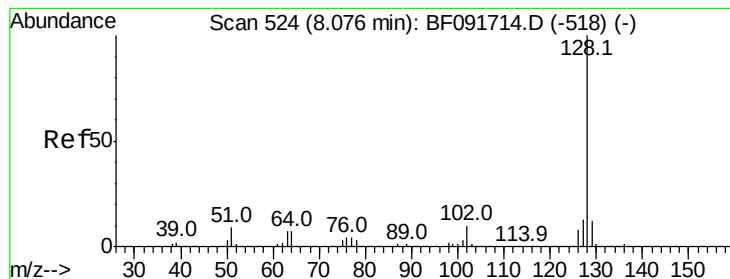
#23
Nitrobenzene-d5
Concen: 45.87 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091821.D
Acq: 20 Dec 2016 15:45

Tgt Ion: 82	Resp:	483690
Ion	Ratio	Lower Upper
82	100	
128	42.0	34.6 52.0
54	48.2	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: 71.86 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF091821.D

Acq: 20 Dec 2016 15:45

Instrument :

BNA_F

ClientSampleId :

SB-1-9-10

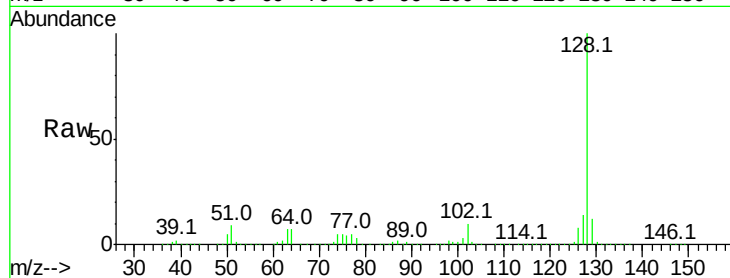
Tot Ion:128 Resp: 2087437

Ion Ratio Lower Upper

128 100

129 11.9 9.5 14.3

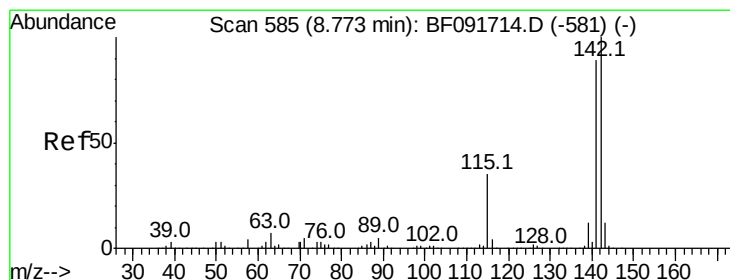
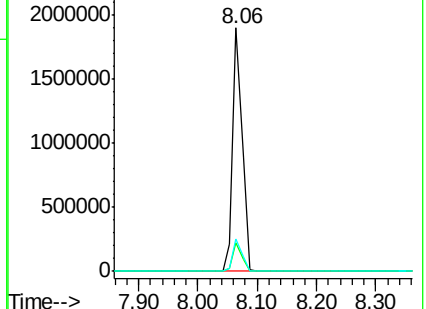
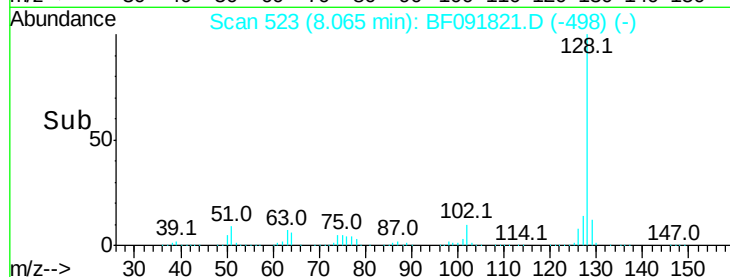
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 74.29 ng

RT: 8.76 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF091821.D

Acq: 20 Dec 2016 15:45

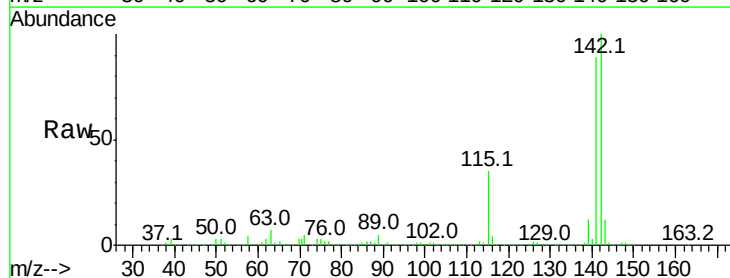
Tgt Ion:142 Resp: 1360477

Ion Ratio Lower Upper

142 100

141 88.8 71.0 106.6

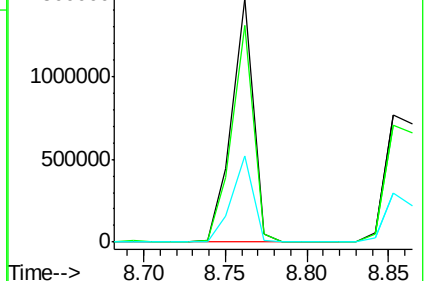
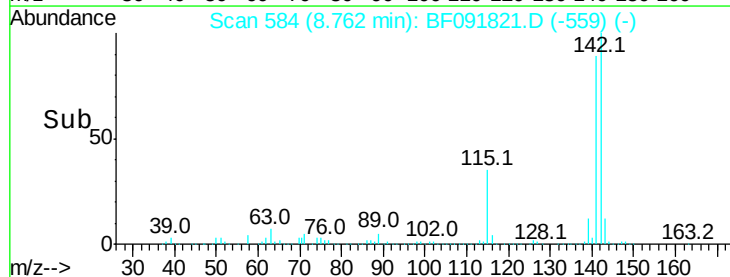
115 35.3 28.3 42.5

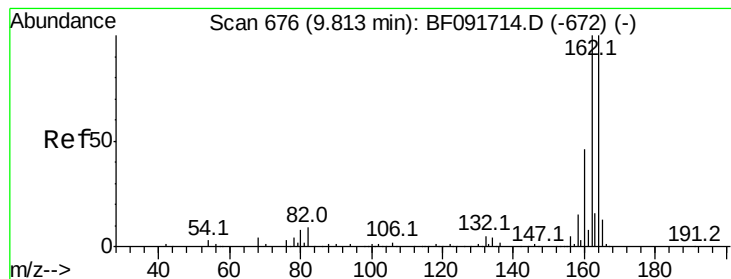


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091821.D

Acq: 20 Dec 2016 15:45

Instrument :

BNA_F

ClientSampleId :

SB-1-9-10

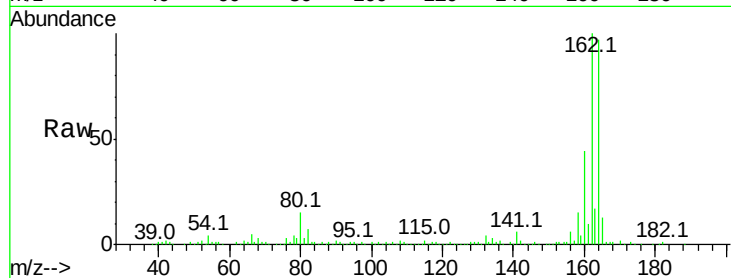
Tot Ion:164 Resp: 280900

Ion Ratio Lower Upper

164 100

162 103.2 80.2 120.2

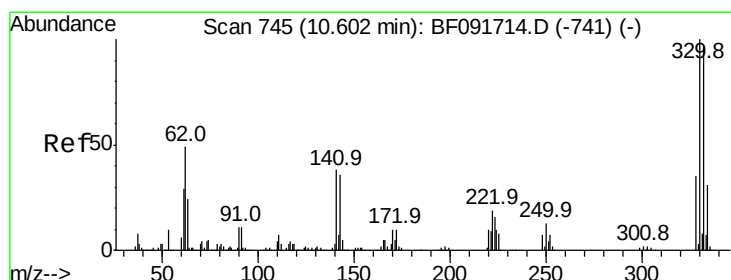
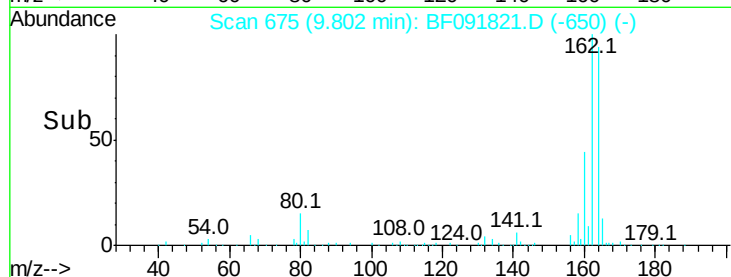
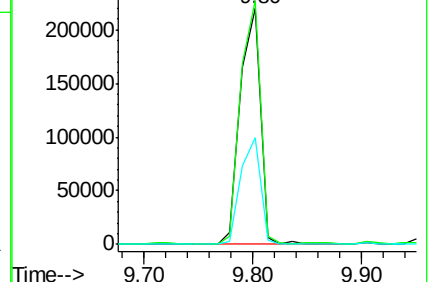
160 45.1 36.9 55.3



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: 53.95 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF091821.D

Acq: 20 Dec 2016 15:45

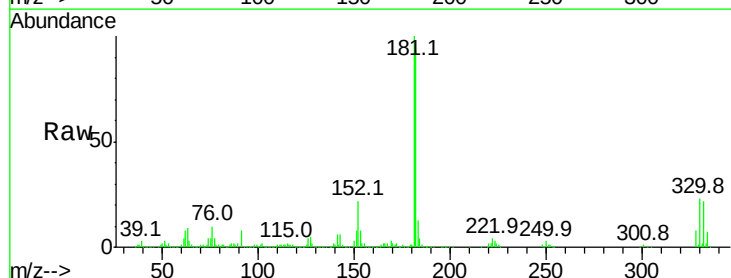
Tgt Ion:330 Resp: 128510

Ion Ratio Lower Upper

330 100

332 95.5 77.4 116.2

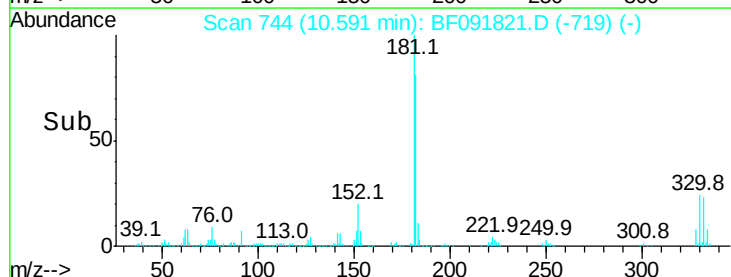
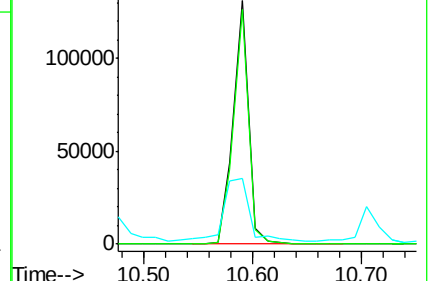
141 43.4 34.1 51.1

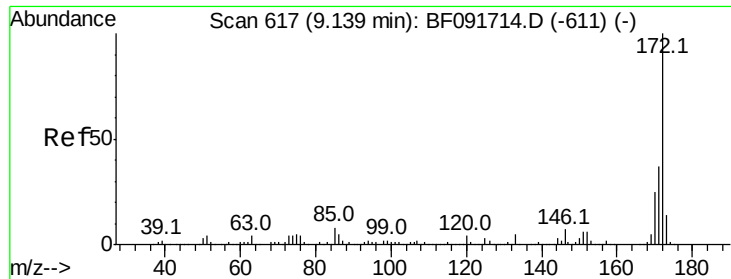


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

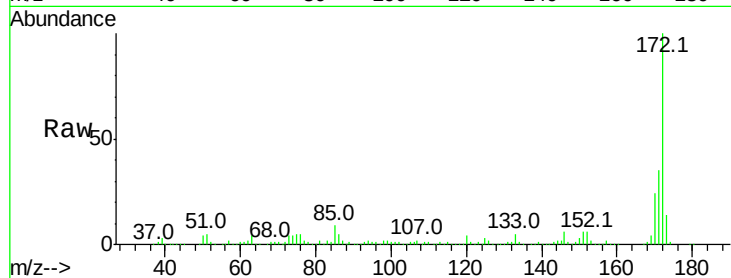




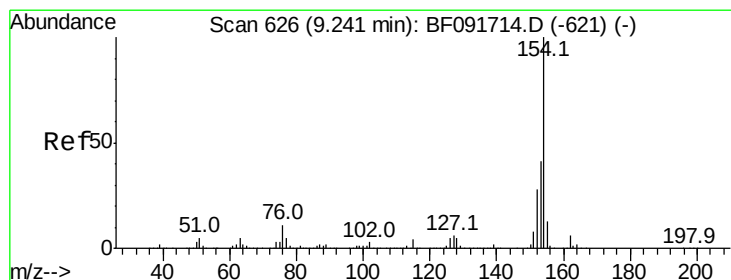
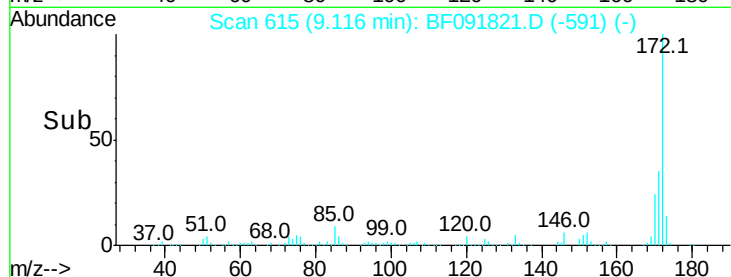
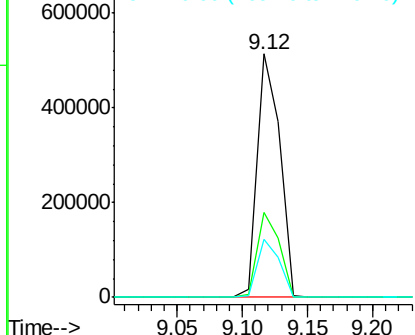
#44
 2-Fluorobiphenyl
 Concen: 44.64 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.02 min
 Lab File: BF091821.D
 Acq: 20 Dec 2016 15:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-9-10

Tot Ion:172 Resp: 624142
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.4 44.0
 170 23.6 20.2 30.4

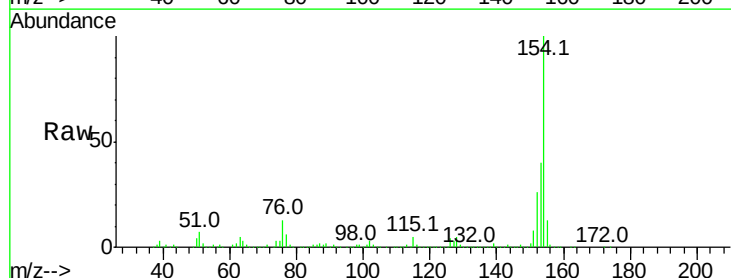


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

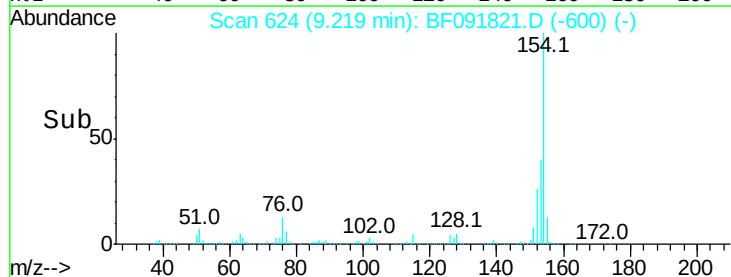
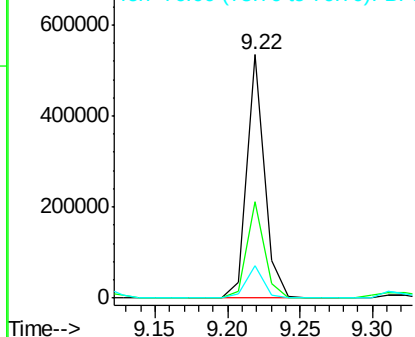


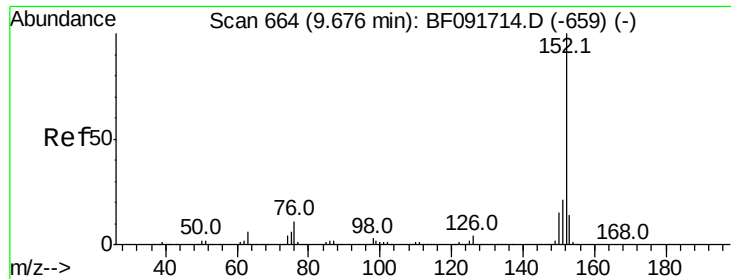
#45
 1,1'-Biphenyl
 Concen: 22.44 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.02 min
 Lab File: BF091821.D
 Acq: 20 Dec 2016 15:45

Tgt Ion:154 Resp: 451879
 Ion Ratio Lower Upper
 154 100
 153 39.6 20.9 60.9
 76 13.5 0.0 30.5



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: 22.66 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF091821.D

Acq: 20 Dec 2016 15:45

Instrument :

BNA_F

ClientSampleId :

SB-1-9-10

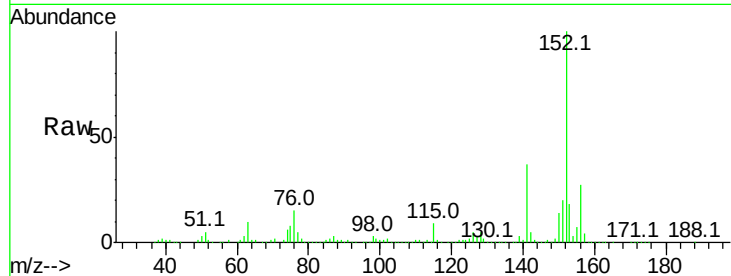
Tot Ion:152 Resp: 528198

Ion Ratio Lower Upper

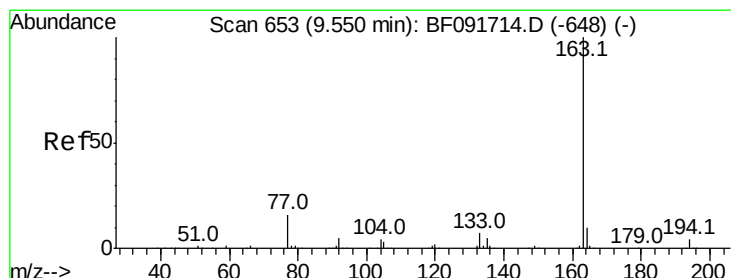
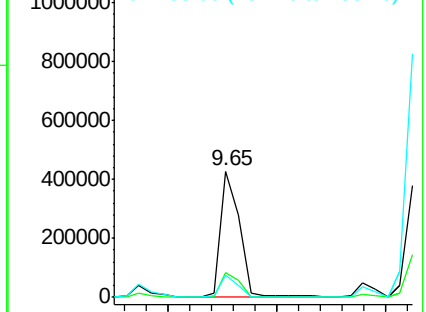
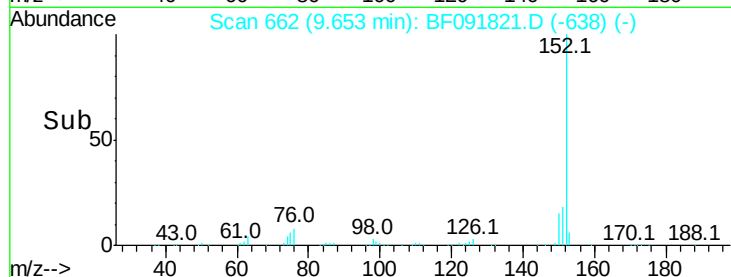
152 100

151 20.0 16.9 25.3

153 17.9 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: 5.37 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF091821.D

Acq: 20 Dec 2016 15:45

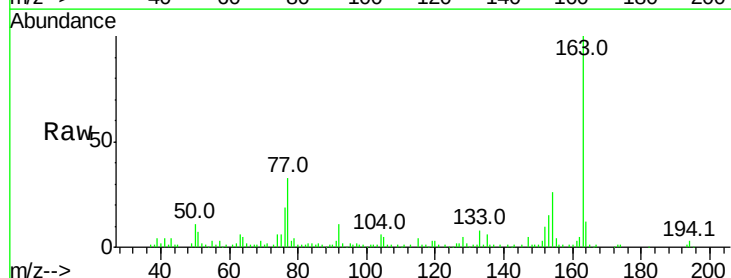
Tgt Ion:163 Resp: 98527

Ion Ratio Lower Upper

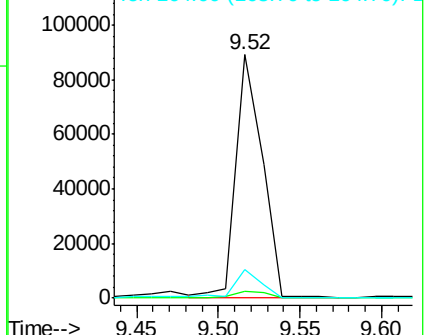
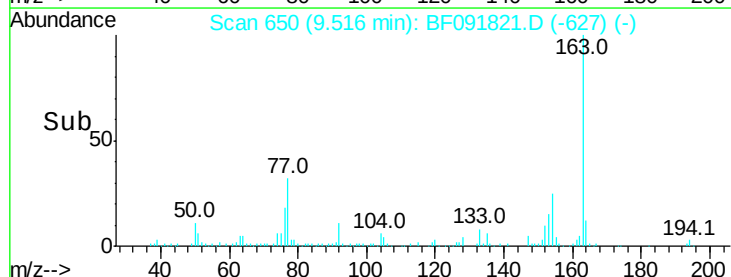
163 100

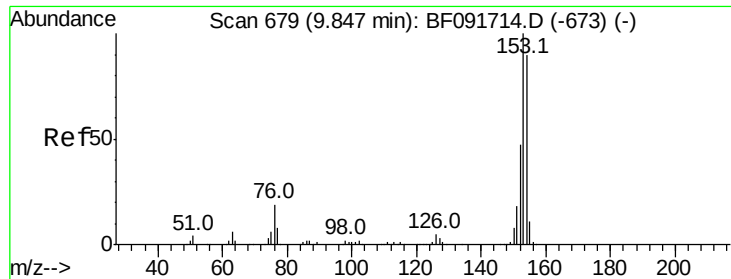
194 3.0 3.0 4.4

164 11.7 8.0 12.0



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: 114.40 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF091821.D

Acq: 20 Dec 2016 15:45

Instrument :

BNA_F

ClientSampleId :

SB-1-9-10

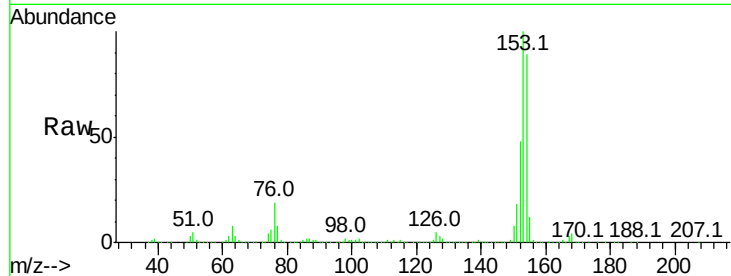
Tot Ion:154 Resp: 1830484

Ion Ratio Lower Upper

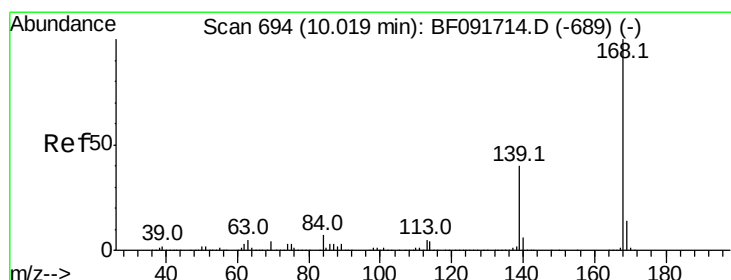
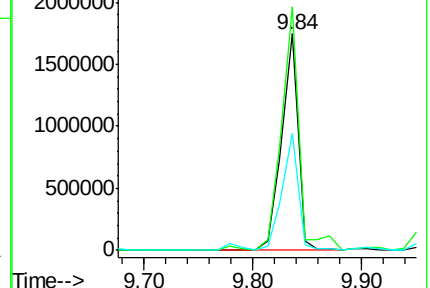
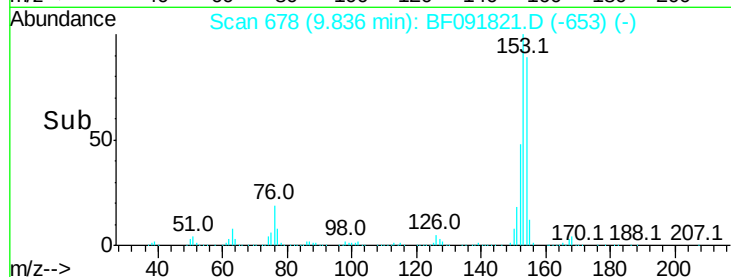
154 100

153 112.6 88.6 133.0

152 54.0 41.6 62.4



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: 110.68 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF091821.D

Acq: 20 Dec 2016 15:45

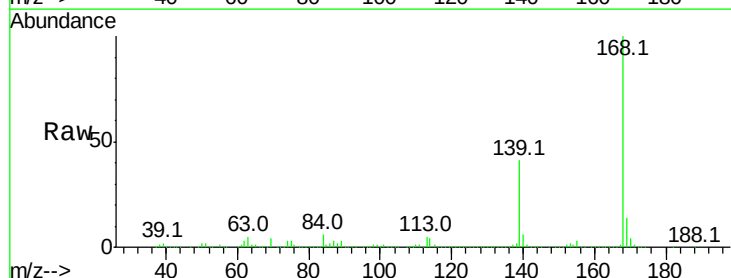
Tgt Ion:168 Resp: 2105735

Ion Ratio Lower Upper

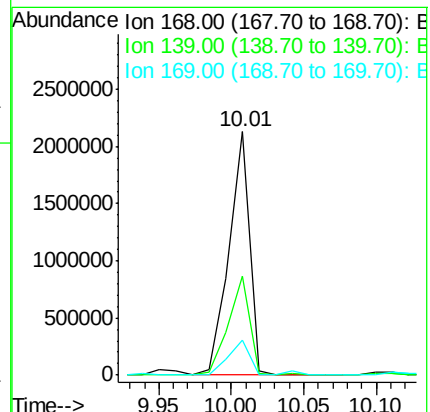
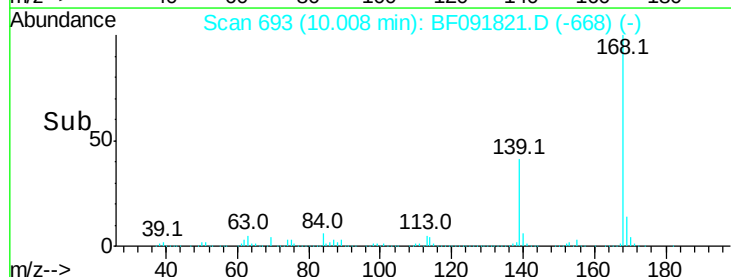
168 100

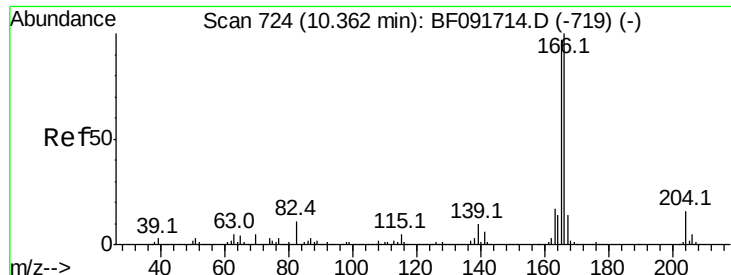
139 40.7 32.6 49.0

169 14.4 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

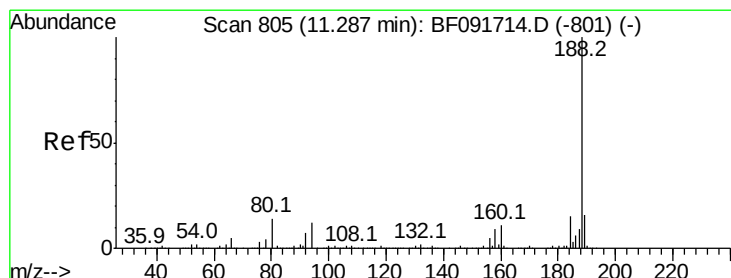
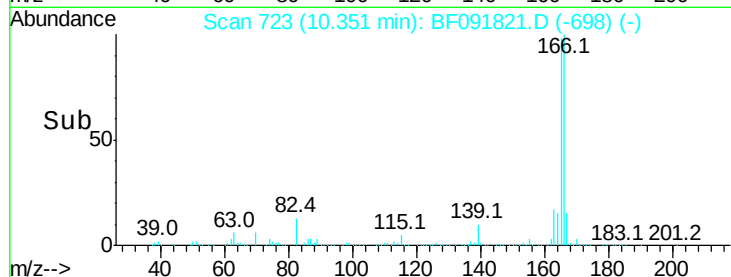
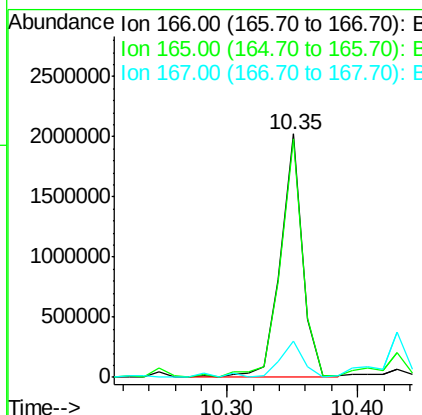
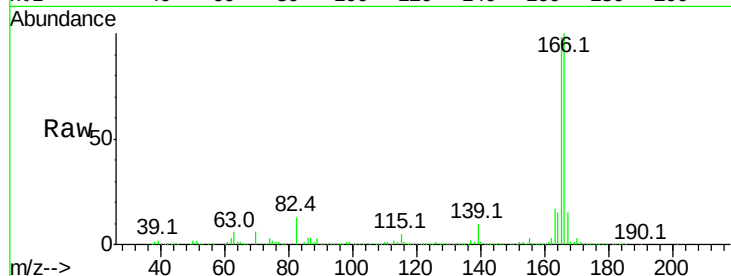




#57
Fluorene
Concen: 161.76 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF091821.D
Acq: 20 Dec 2016 15:45

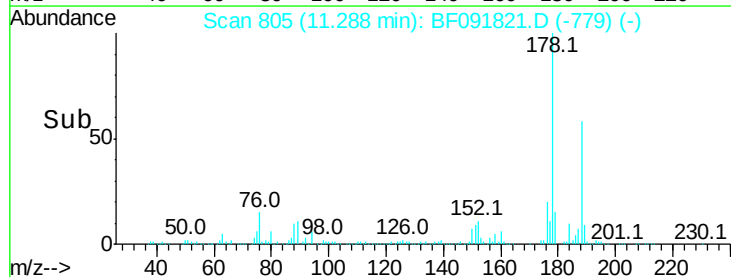
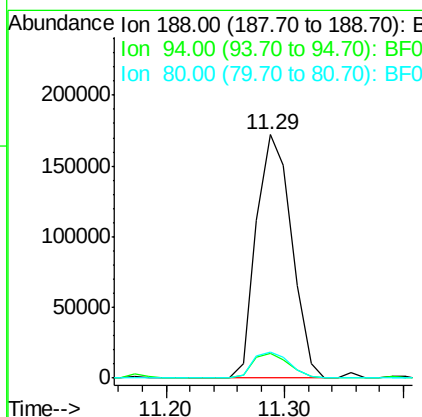
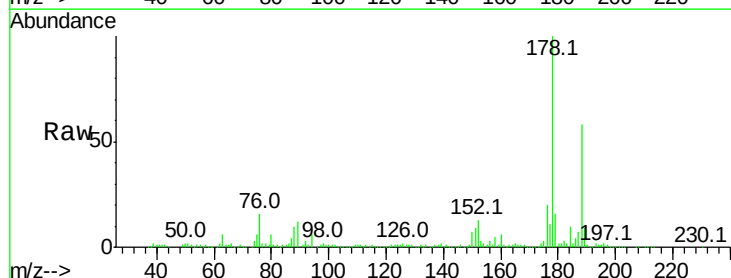
Instrument :
BNA_F
ClientSampleId :
SB-1-9-10

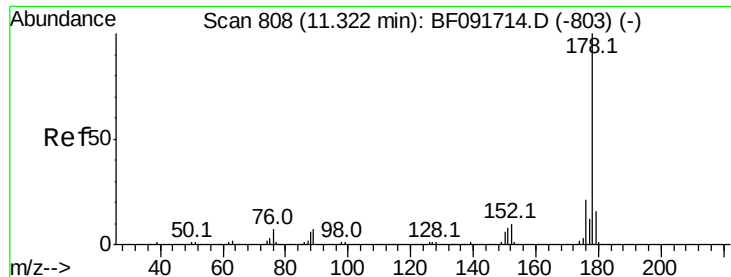
Tot Ion:166 Resp: 2390573
Ion Ratio Lower Upper
166 100
165 97.9 77.8 116.8
167 15.0 10.8 16.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF091821.D
Acq: 20 Dec 2016 15:45

Tgt Ion:188 Resp: 358518
Ion Ratio Lower Upper
188 100
94 10.3 10.0 15.0
80 10.9 11.2 16.8#

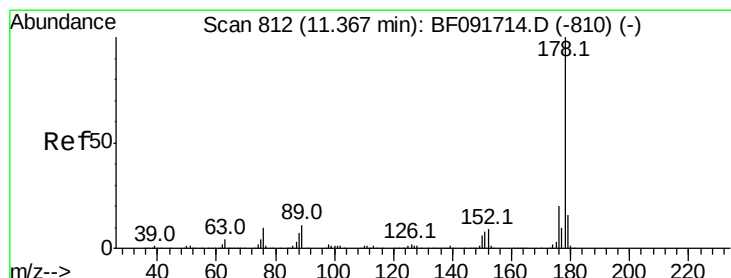
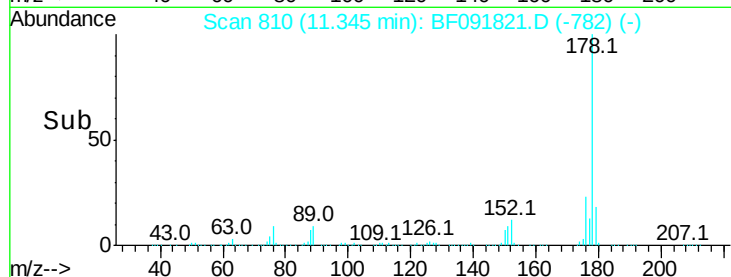
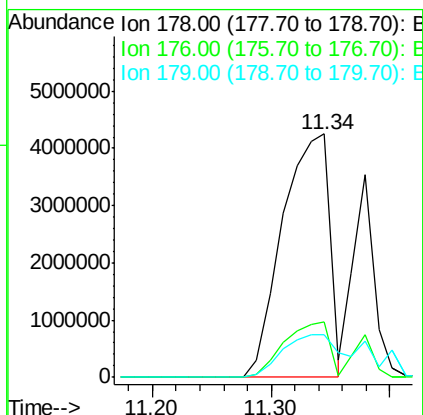
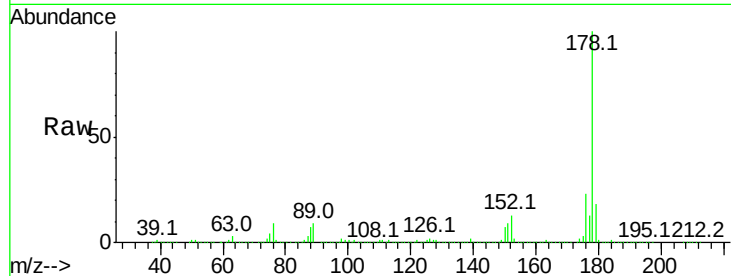




#70
Phenanthrene
Concen: 650.75 ng
RT: 11.34 min Scan# 810
Delta R.T. 0.02 min
Lab File: BF091821.D
Acq: 20 Dec 2016 15:45

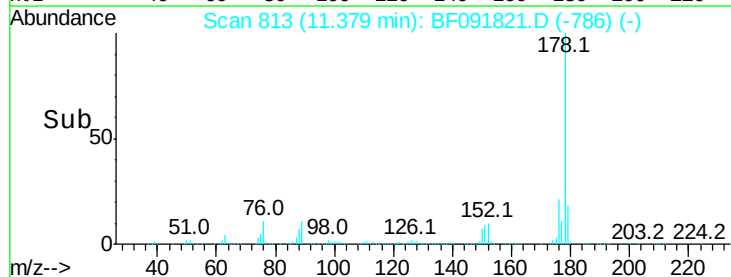
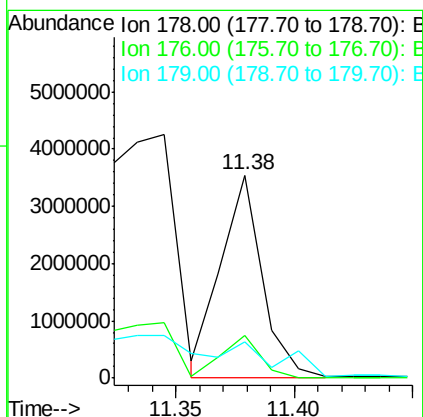
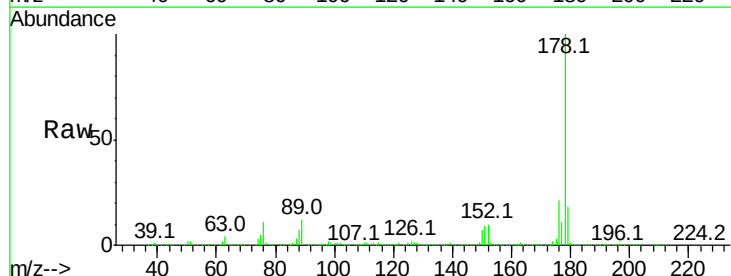
Instrument :
BNA_F
ClientSampleId :
SB-1-9-10

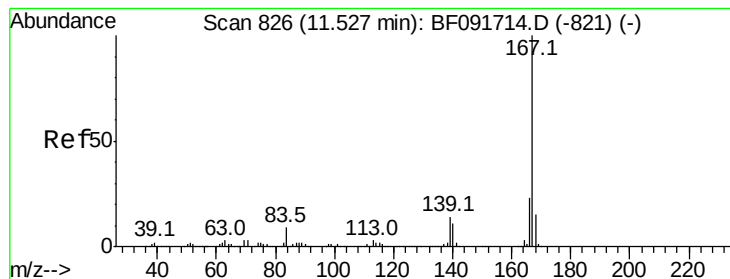
Tot Ion:178 Resp:11657756
Ion Ratio Lower Upper
178 100
176 22.8 16.6 25.0
179 17.7 12.8 19.2



#71
Anthracene
Concen: 231.53 ng m
RT: 11.38 min Scan# 813
Delta R.T. 0.01 min
Lab File: BF091821.D
Acq: 20 Dec 2016 15:45

Tgt Ion:178 Resp: 4393259
Ion Ratio Lower Upper
178 100
176 21.2 15.9 23.9
179 17.6 13.2 19.8





#72

Carbazole

Concen: 86.98 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF091821.D

Acq: 20 Dec 2016 15:45

Instrument :

BNA_F

ClientSampleId :

SB-1-9-10

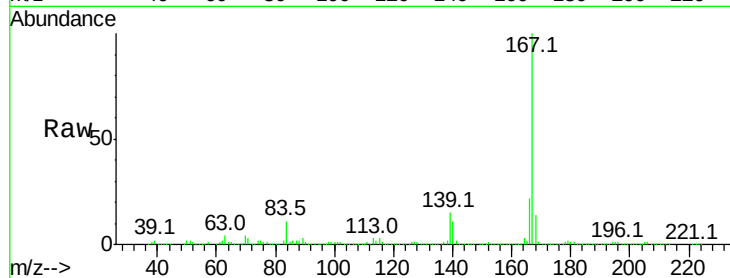
Tot Ion:167 Resp: 1443219

Ion Ratio Lower Upper

167 100

166 22.0 18.2 27.2

139 14.6 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

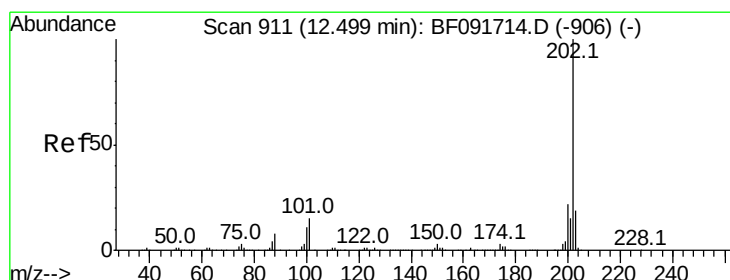
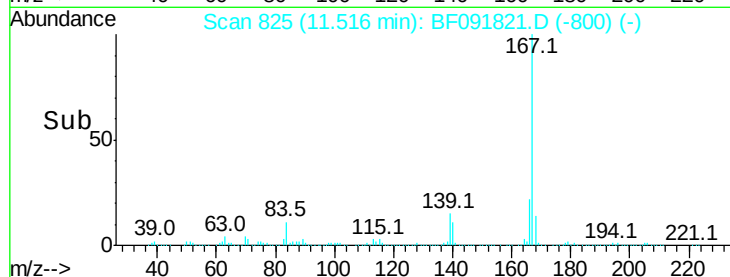
11.52

1000000

500000

0

Time--> 11.45 11.50 11.55



#74

Fluoranthene

Concen: 568.50 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.04 min

Lab File: BF091821.D

Acq: 20 Dec 2016 15:45

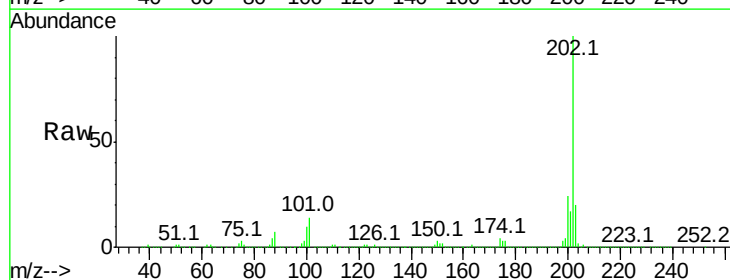
Tgt Ion:202 Resp:10636813

Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.6

203 20.2 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

12.53

5000000

4000000

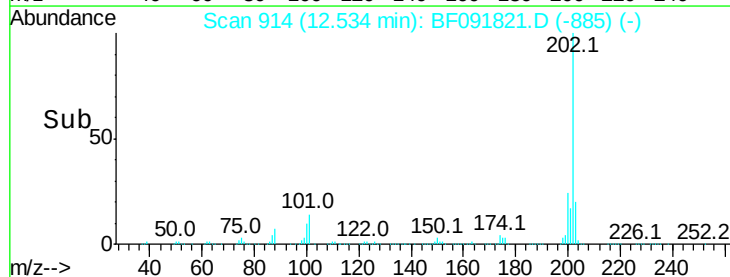
3000000

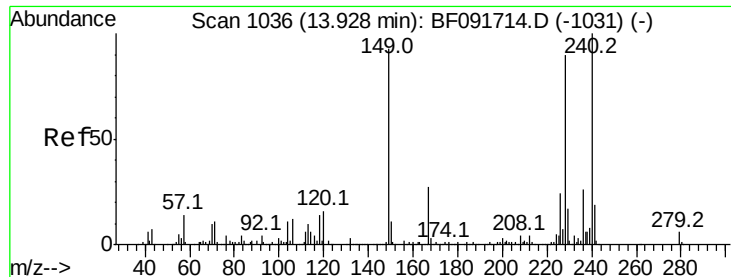
2000000

1000000

0

Time--> 12.45 12.50 12.55





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.02 min

Lab File: BF091821.D

Acq: 20 Dec 2016 15:45

Instrument :

BNA_F

ClientSampled :

SB-1-9-10

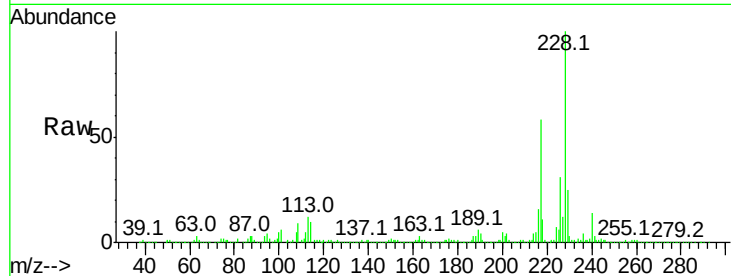
Tot Ion:240 Resp: 270947

Ion Ratio Lower Upper

240 100

120 10.6 12.9 19.3#

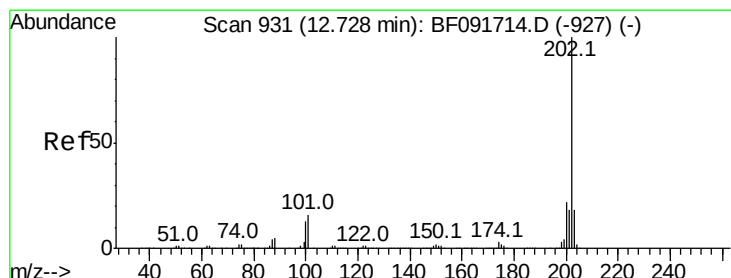
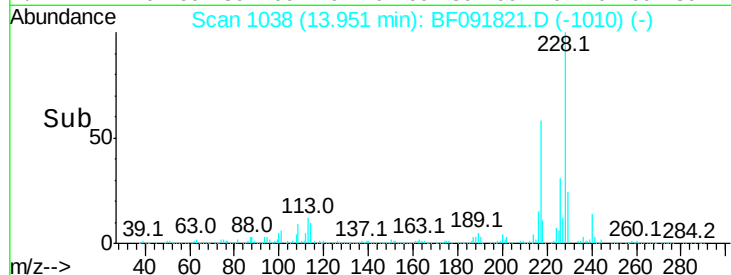
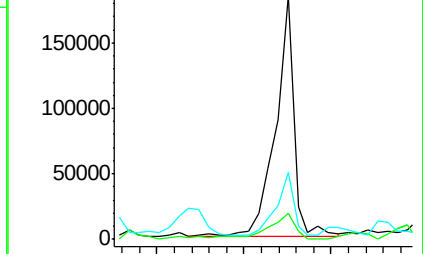
236 27.6 20.9 31.3



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: 466.47 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.03 min

Lab File: BF091821.D

Acq: 20 Dec 2016 15:45

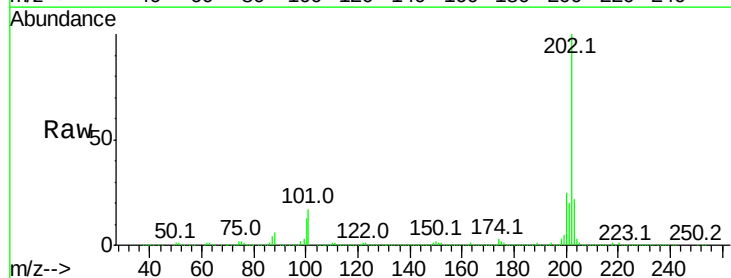
Tgt Ion:202 Resp: 9127368

Ion Ratio Lower Upper

202 100

200 24.9 17.7 26.5

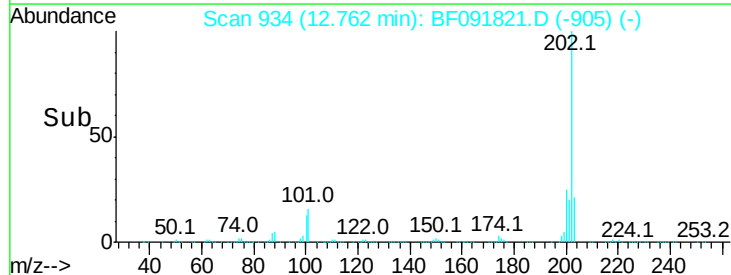
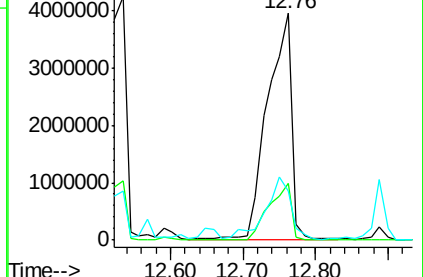
203 21.7 14.7 22.1

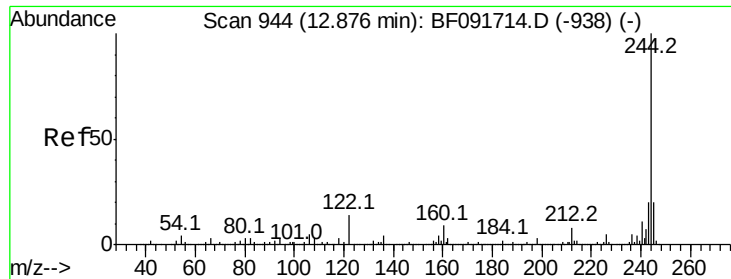


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 44.68 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF091821.D

Acq: 20 Dec 2016 15:45

Instrument :

BNA_F

ClientSampleId :

SB-1-9-10

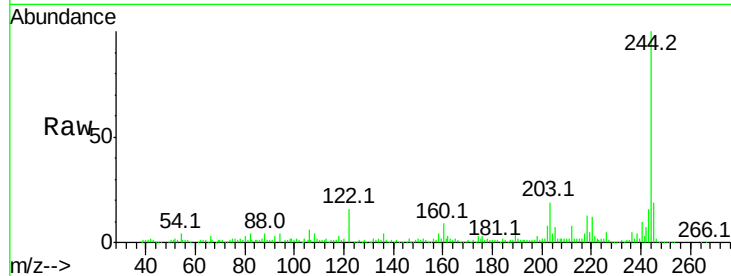
Tot Ion:244 Resp: 479438

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

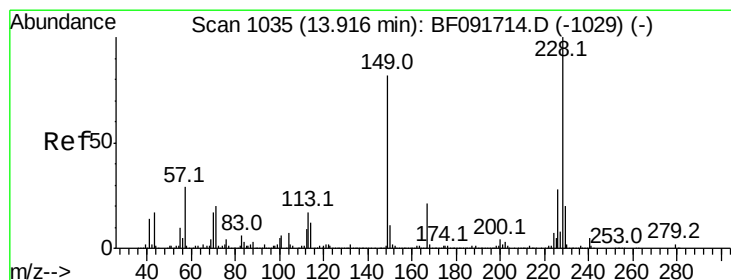
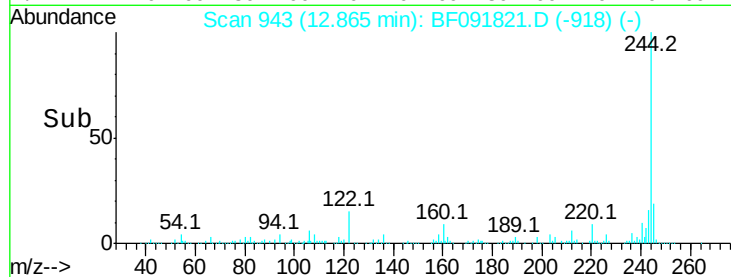
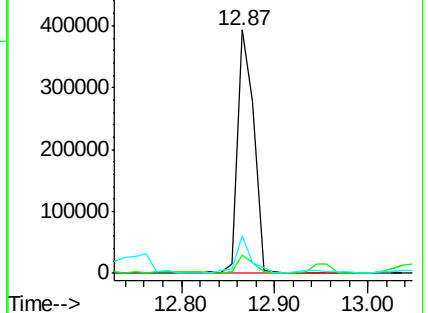
122 15.6 11.4 17.2



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: 421.80 ng

RT: 13.94 min Scan# 1037

Delta R.T. 0.02 min

Lab File: BF091821.D

Acq: 20 Dec 2016 15:45

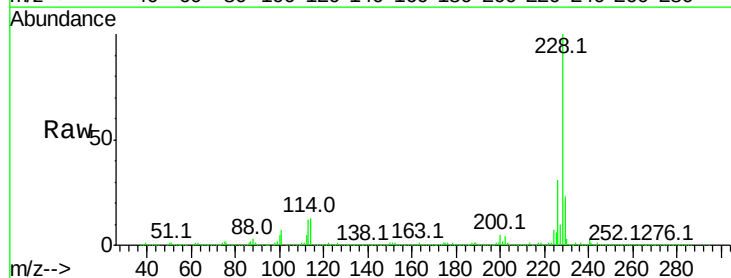
Tgt Ion:228 Resp: 6537060

Ion Ratio Lower Upper

228 100

226 31.1 22.4 33.6

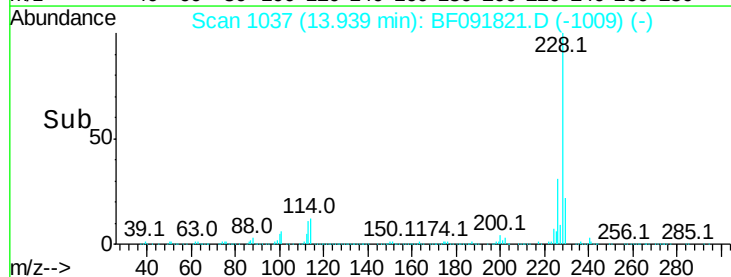
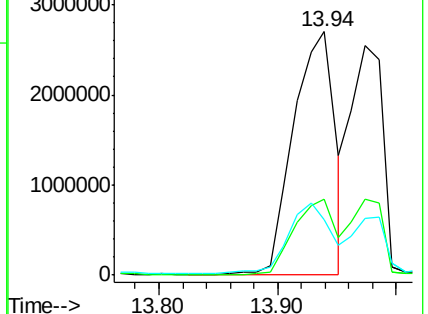
229 22.9 16.2 24.4

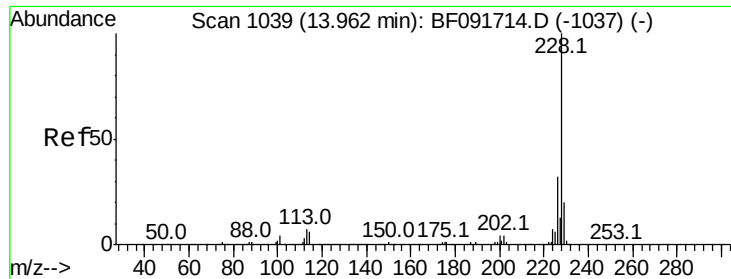


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 295.39 ng/mL

RT: 13.97 min Scan# 1040

Delta R.T. 0.01 min

Lab File: BF091821.D

Acq: 20 Dec 2016 15:45

Instrument :

BNA_F

ClientSampleId :

SB-1-9-10

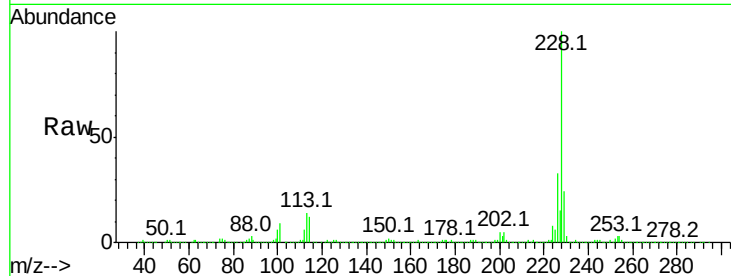
Tot Ion:228 Resp: 4745220

Ion Ratio Lower Upper

228 100

226 32.9 25.4 38.0

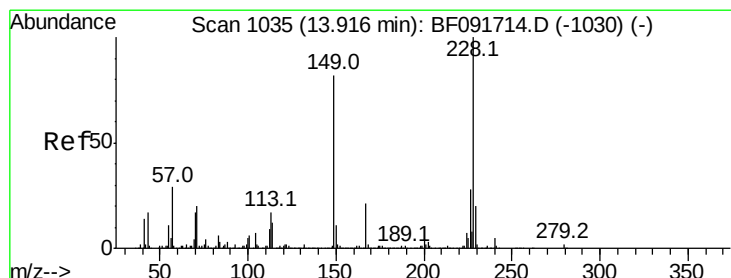
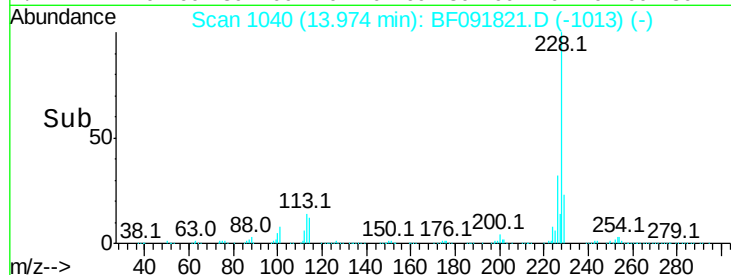
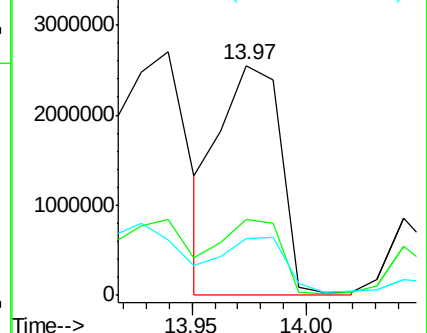
229 24.5 16.2 24.2#



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: 2.59 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF091821.D

Acq: 20 Dec 2016 15:45

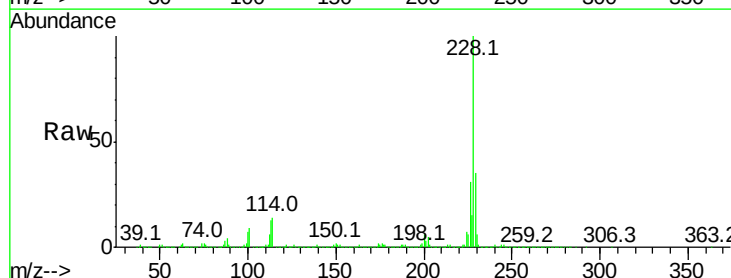
Tgt Ion:149 Resp: 30036

Ion Ratio Lower Upper

149 100

167 19.1 20.2 30.4#

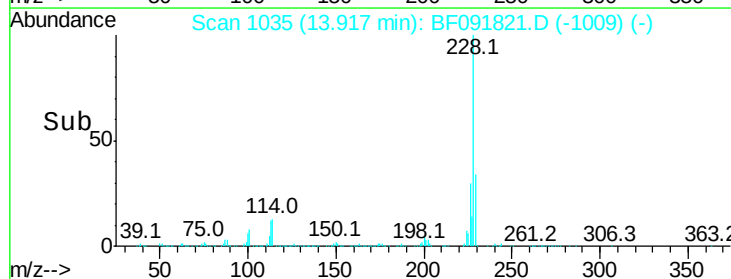
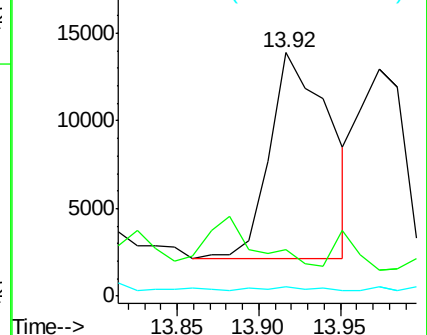
279 3.7 1.8 2.8#

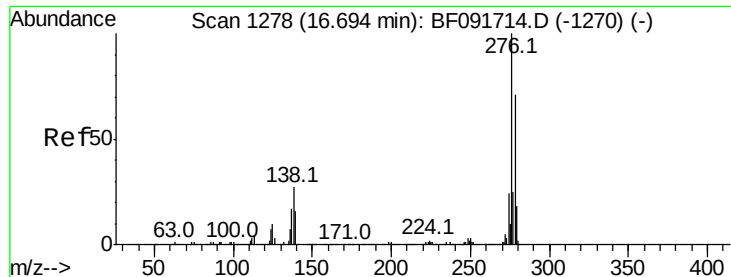


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

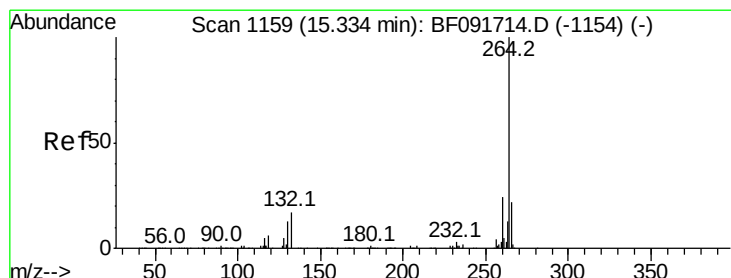
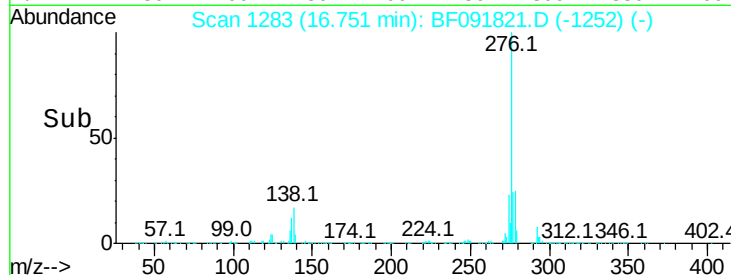
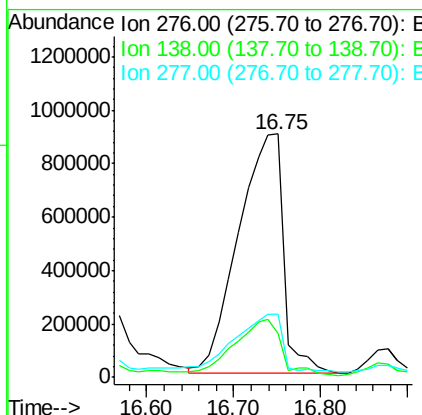
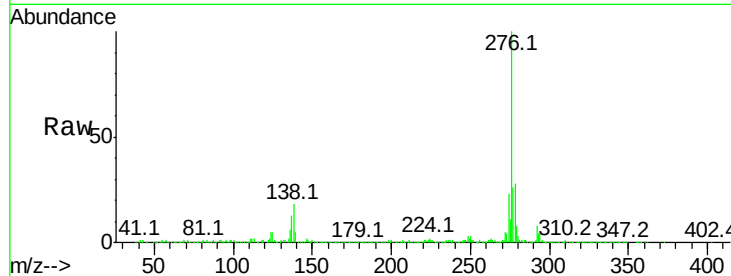




#85
Indeno(1,2,3-cd)pyrene
Concen: 205.24 ng
RT: 16.75 min Scan# 1283
Delta R.T. 0.06 min
Lab File: BF091821.D
Acq: 20 Dec 2016 15:45

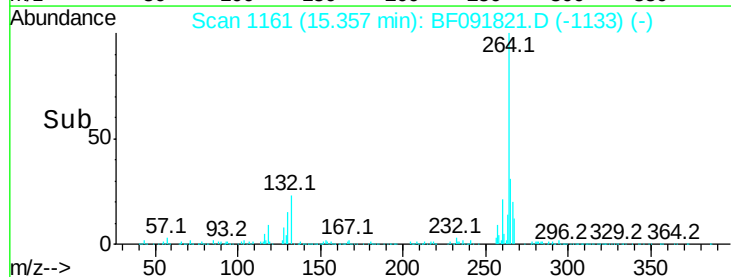
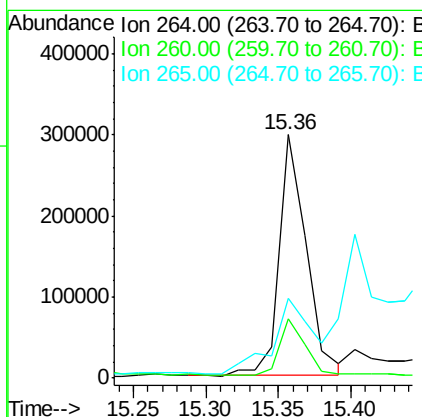
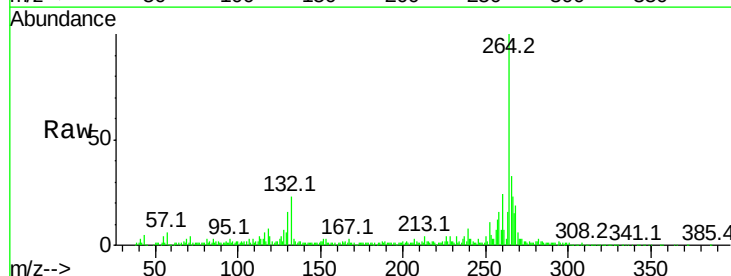
Instrument :
BNA_F
ClientSampleId :
SB-1-9-10

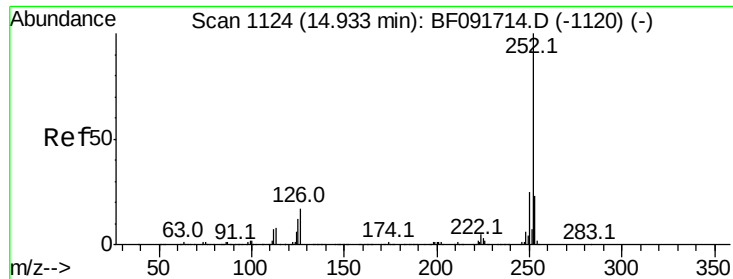
Tot Ion:276 Resp: 3241872
Ion Ratio Lower Upper
276 100
138 24.8 21.8 32.6
277 25.5 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. 0.02 min
Lab File: BF091821.D
Acq: 20 Dec 2016 15:45

Tgt Ion:264 Resp: 387104
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 32.7 17.4 26.0#

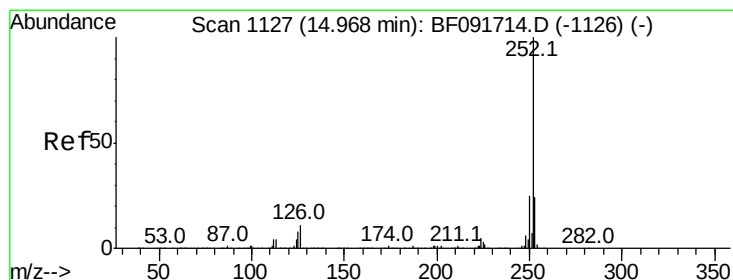
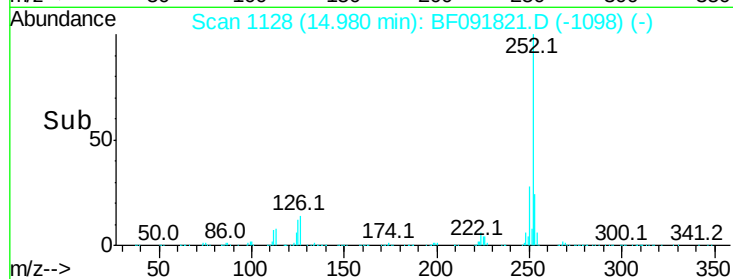
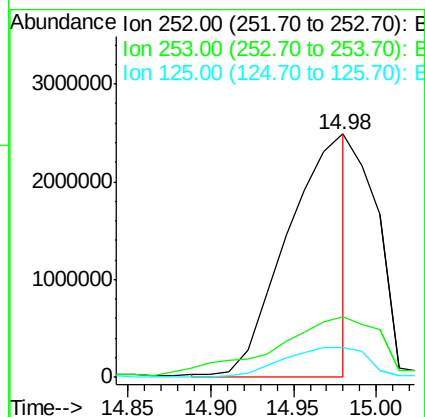
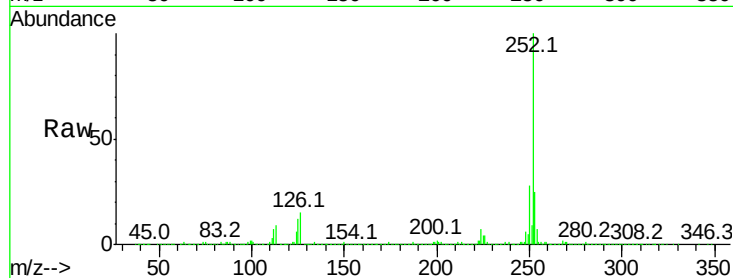




#87
Benzo(b)fluoranthene
Concen: 262.85 ng m
RT: 14.98 min Scan# 1128
Delta R.T. 0.05 min
Lab File: BF091821.D
Acq: 20 Dec 2016 15:45

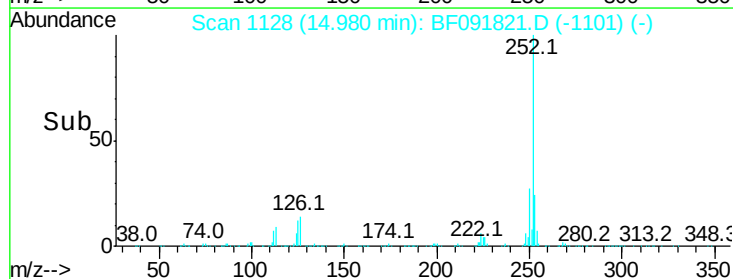
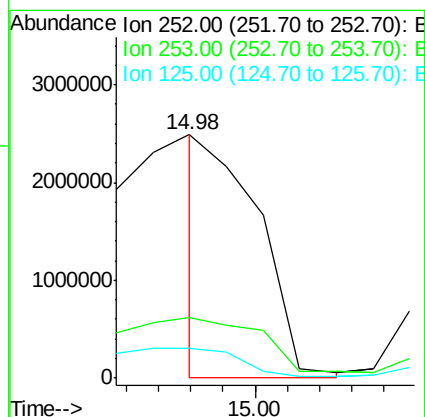
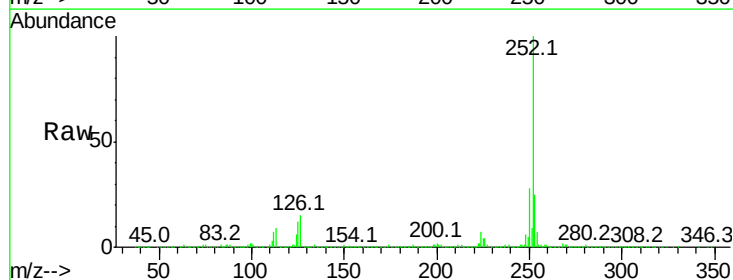
Instrument :
BNA_F
ClientSampleId :
SB-1-9-10

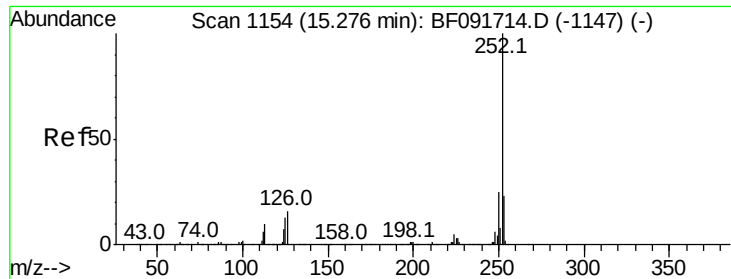
Tot Ion:252 Resp: 6452008
Ion Ratio Lower Upper
252 100
253 24.9 18.2 27.4
125 12.4 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 158.36 ng m
RT: 14.98 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF091821.D
Acq: 20 Dec 2016 15:45

Tgt Ion:252 Resp: 2727404
Ion Ratio Lower Upper
252 100
253 24.9 18.5 27.7
125 12.4 8.9 13.3





#89

Benzo(a)pyrene

Concen: 241.57 ng

RT: 15.32 min Scan# 1158

Delta R.T. 0.05 min

Lab File: BF091821.D

Acq: 20 Dec 2016 15:45

Instrument :

BNA_F

ClientSampleId :

SB-1-9-10

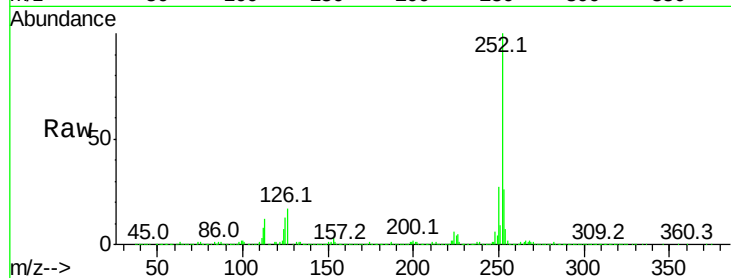
Tot Ion:252 Resp: 5089403

Ion Ratio Lower Upper

252 100

253 26.1 18.2 27.2

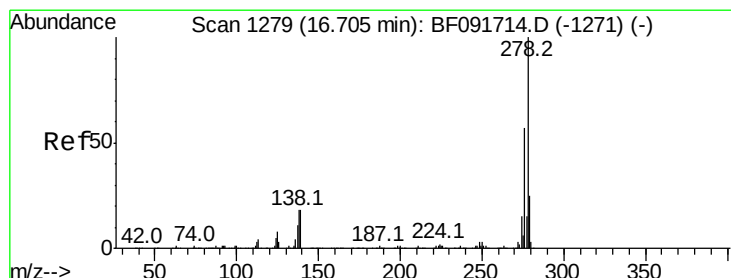
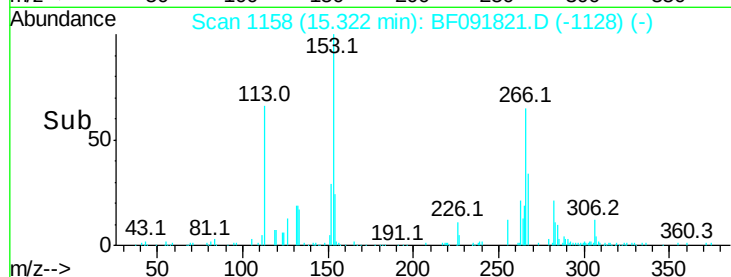
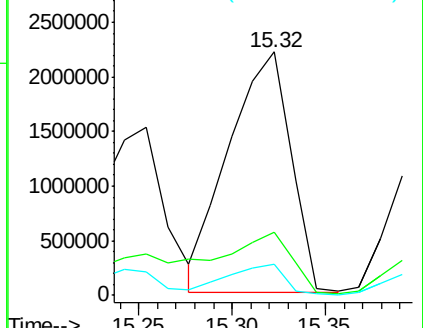
125 12.6 10.0 15.0



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: 61.08 ng m

RT: 16.74 min Scan# 1282

Delta R.T. 0.03 min

Lab File: BF091821.D

Acq: 20 Dec 2016 15:45

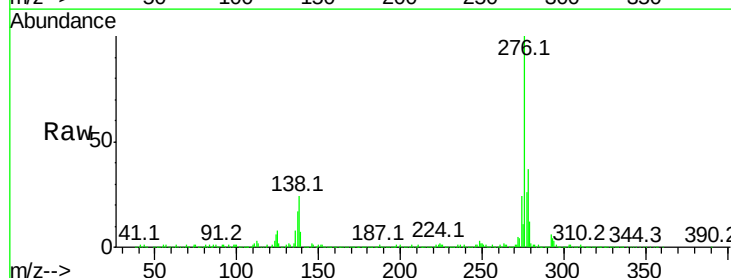
Tgt Ion:278 Resp: 1121743

Ion Ratio Lower Upper

278 100

139 20.3 14.8 22.2

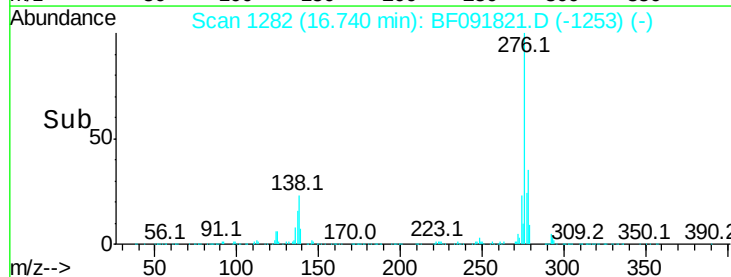
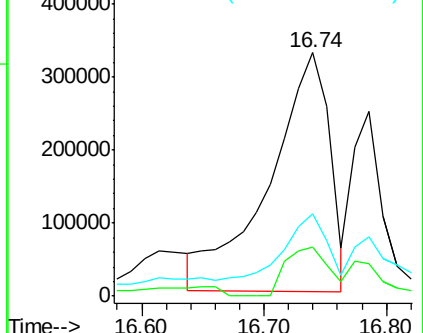
279 33.9 19.8 29.6#

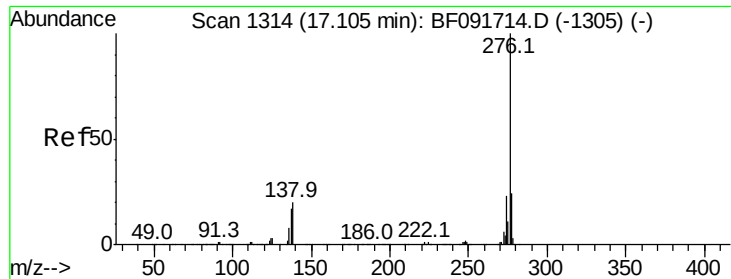


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 145.33 ng m

RT: 17.15 min Scan# 1318

Delta R.T. 0.05 min

Lab File: BF091821.D

Acq: 20 Dec 2016 15:45

Instrument :

BNA_F

ClientSampleId :

SB-1-9-10

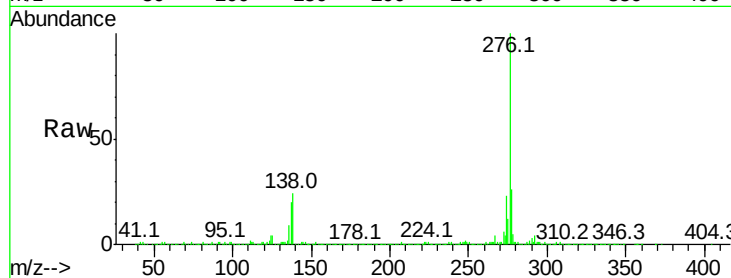
Tot Ion:276 Resp: 2712419

Ion Ratio Lower Upper

276 100

277 25.5 19.2 28.8

138 23.6 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

