

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
 Data File : BF096055.D
 Acq On : 20 Jun 2017 20:47
 Operator : SJ/MA
 Sample : I3759-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 21 01:14:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	67959	20.00	ng	0.00
21) Naphthalene-d8	9.32	136	265228	20.00	ng	0.00
38) Acenaphthene-d10	12.15	164	102572	20.00	ng	0.00
63) Phenanthrene-d10	14.54	188	159417	20.00	ng	0.00
75) Chrysene-d12	18.29	240	104051	20.00	ng	0.02
86) Perylene-d12	19.96	264	88936	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	519761	121.87	ng	0.00
7) Phenol-d6	6.87	99	619138	121.26	ng	0.00
23) Nitrobenzene-d5	8.21	82	343454	80.42	ng	-0.01
41) 2,4,6-Tribromophenol	13.45	330	94916	104.59	ng	0.00
44) 2-Fluorobiphenyl	11.10	172	651617	88.40	ng	0.00
78) Terphenyl-d14	16.93	244	434946	103.74	ng	0.00

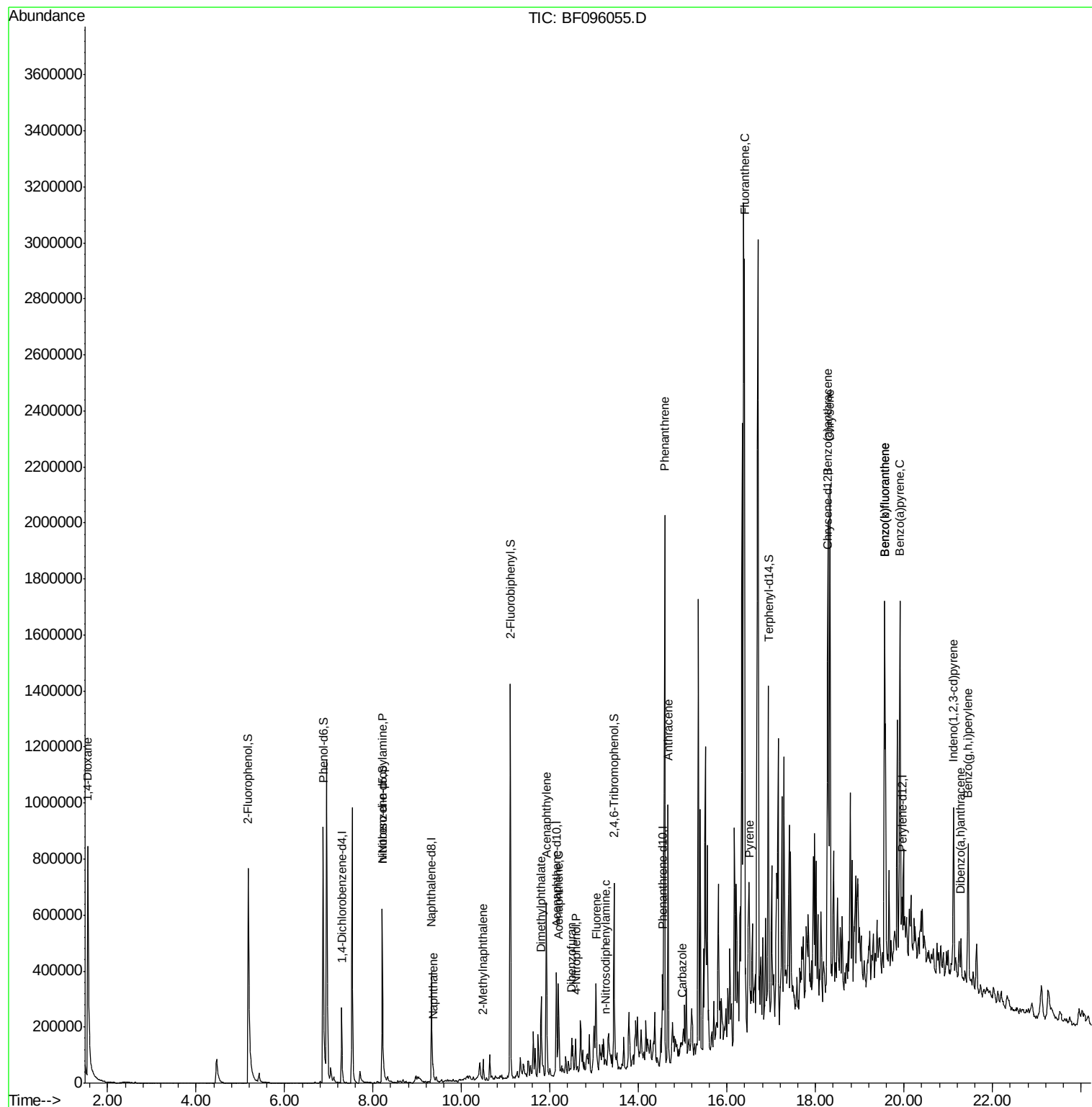
Target Compounds						Qvalue
2) 1,4-Dioxane	1.55	88	39242	19.34	ng	# 21
19) n-Nitroso-di-n-propylamine	8.21	70	44212	13.66	ng	# 75
31) Naphthalene	9.36	128	44230	3.32	ng	98
37) 2-Methylnaphthalene	10.49	142	30088	3.35	ng	94
48) Acenaphthylene	11.92	152	396627	35.12	ng	98
49) Dimethylphthalate	11.80	163	118992	15.28	ng	99
51) Acenaphthene	12.20	154	73821	11.32	ng	99
54) Dibenzofuran	12.49	168	59500	6.48	ng	97
55) 4-Nitrophenol	12.57	139	2432	6.61	ng	86
57) Fluorene	13.04	166	128543	16.09	ng	93
65) n-Nitrosodiphenylamine	13.26	169	12645	2.21	ng	# 75
70) Phenanthrene	14.59	178	1181737	128.47	ng	99
71) Anthracene	14.67	178	500453	52.11	ng	98
72) Carbazole	14.97	167	33005	3.53	ng	# 93
74) Fluoranthene	16.40	202	1905685	209.32	ng	99
77) Pyrene	16.51	202	167584	21.59	ng	96
80) Benzo(a)anthracene	18.28	228	982766	162.45	ng	94
82) Chrysene	18.33	228	916011	151.52	ng	97
85) Indeno(1,2,3-cd)pyrene	21.12	276	356501	68.92	ng	# 91
87) Benzo(b)fluoranthene	19.56	252	1132661	203.39	ng	# 96
88) Benzo(k)fluoranthene	19.56	252	1132661	212.79	ng	99
89) Benzo(a)pyrene	19.91	252	658694	128.69	ng	96
90) Dibenzo(a,h)anthracene	21.28	278	56823	13.09	ng	93
91) Benzo(g,h,i)perylene	21.45	276	340818	77.00	ng	98

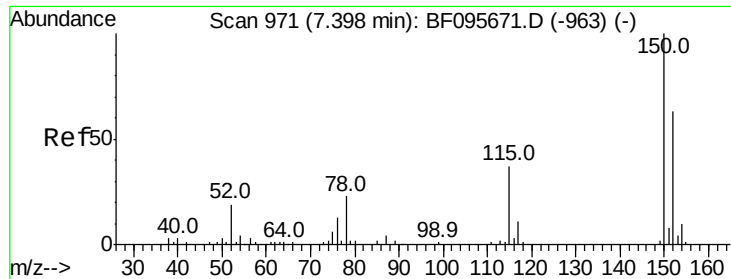
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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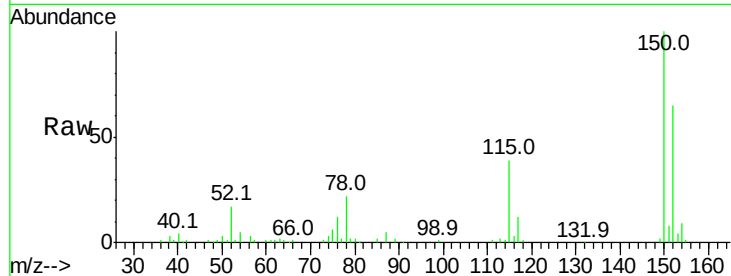


#1

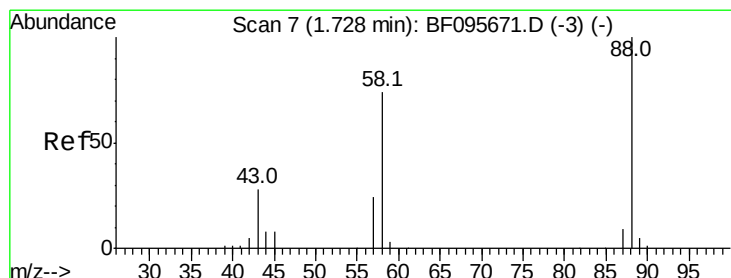
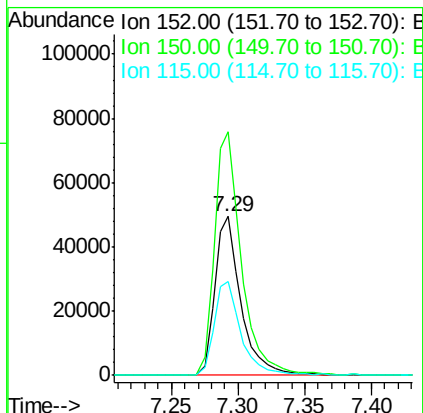
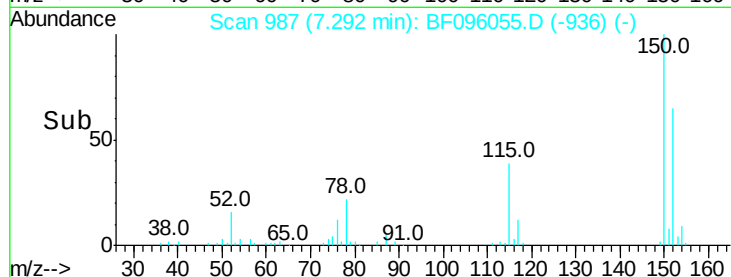
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF096055.D
Acq: 20 Jun 2017 20:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 67959
Ion Ratio Lower Upper
152 100
150 153.5 126.2 189.2
115 59.2 52.2 78.2



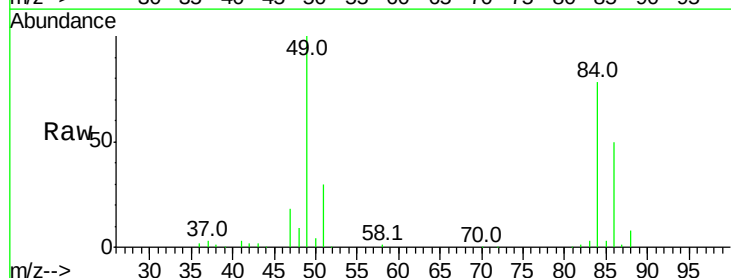
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



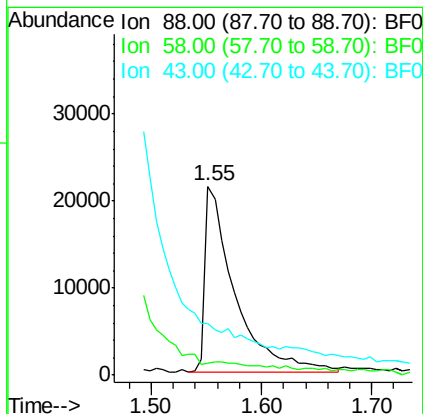
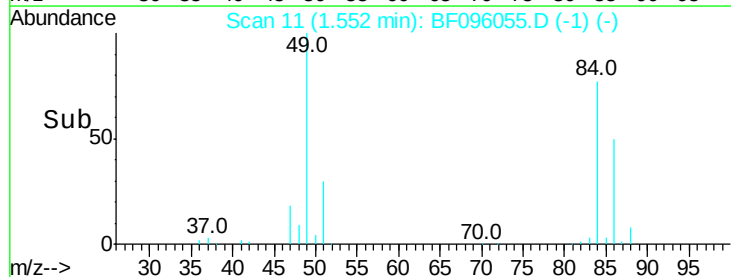
#2

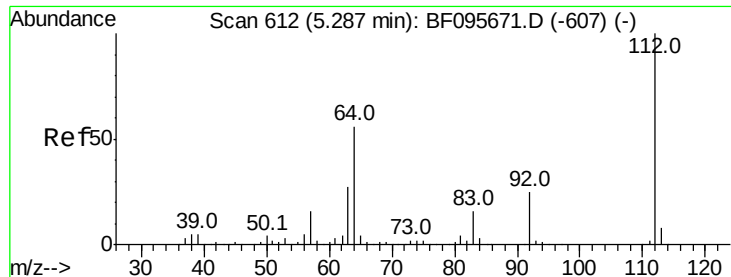
1,4-Dioxane
Concen: 19.34 ng
RT: 1.55 min Scan# 11
Delta R.T. -0.06 min
Lab File: BF096055.D
Acq: 20 Jun 2017 20:47

Tgt Ion: 88 Resp: 39242
Ion Ratio Lower Upper
88 100
58 0.0 61.4 92.0#
43 0.0 23.4 35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 121.87 ng

RT: 5.18 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF096055.D

Acq: 20 Jun 2017 20:47

Instrument :

BNA_F

ClientSampleId :

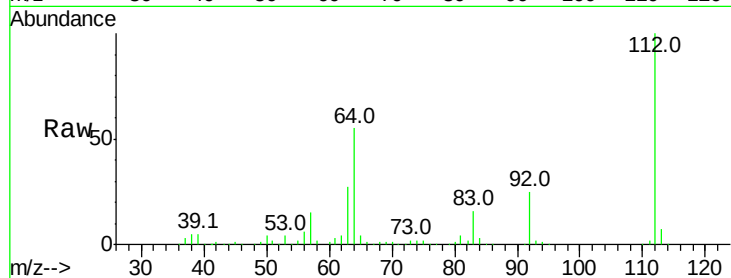
Tot Ion:112 Resp: 519761

Ion Ratio Lower Upper

112 100

64 54.6 46.0 69.0

63 26.9 23.4 35.0

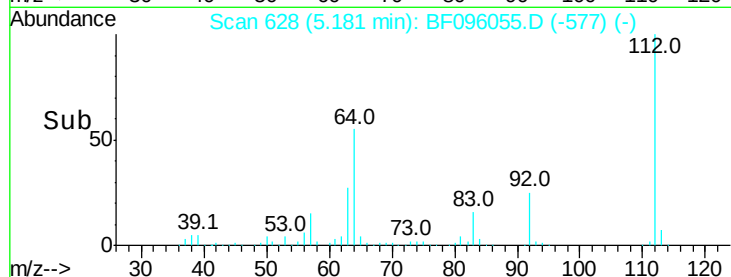


Abundance Ion 112.00 (111.70 to 112.70): E

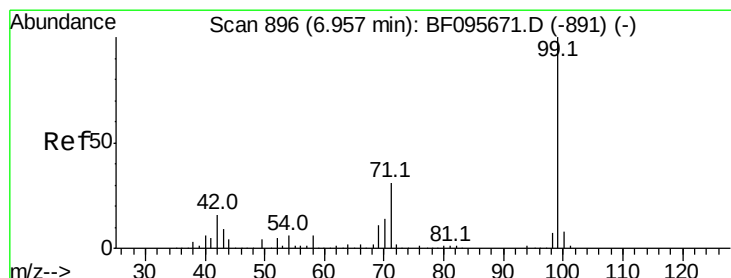
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->



Time-->



#7

Phenol-d6

Concen: 121.26 ng

RT: 6.87 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF096055.D

Acq: 20 Jun 2017 20:47

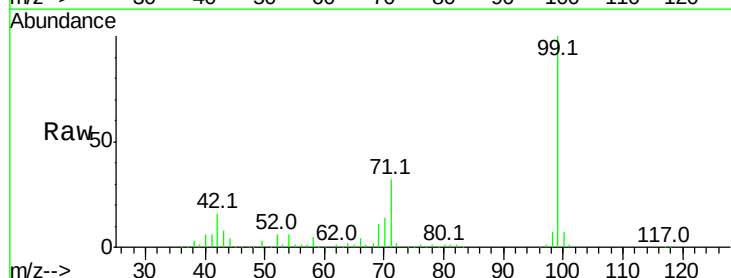
Tgt Ion: 99 Resp: 619138

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

71 32.1 24.5 36.7

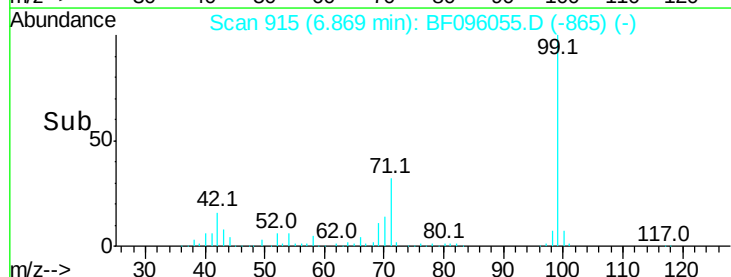


Abundance Ion 99.00 (98.70 to 99.70): BF0

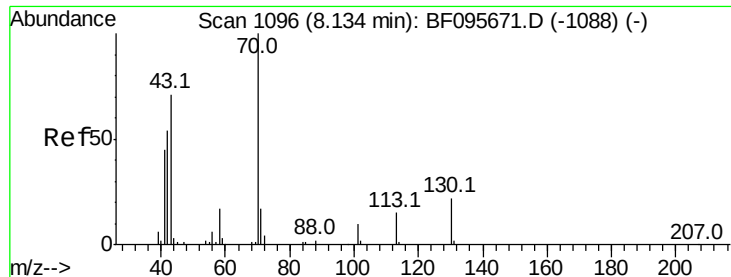
Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

Time-->



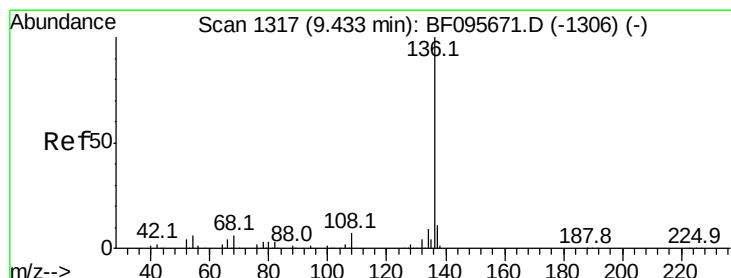
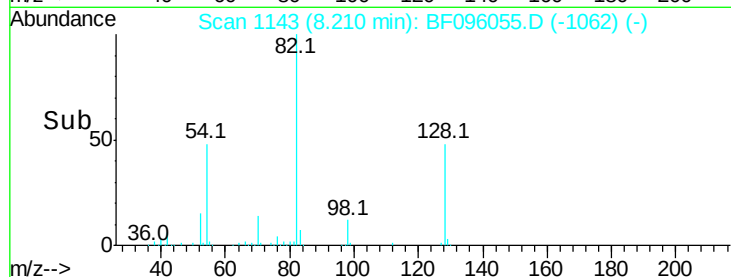
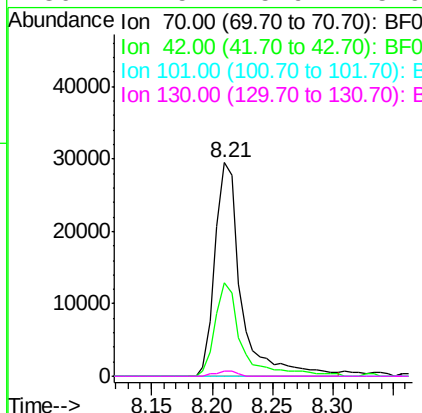
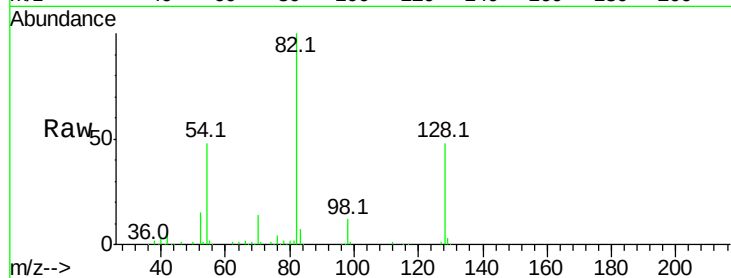
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 13.66 ng
RT: 8.21 min Scan# 1143
Delta R.T. 0.18 min
Lab File: BF096055.D
Acq: 20 Jun 2017 20:47

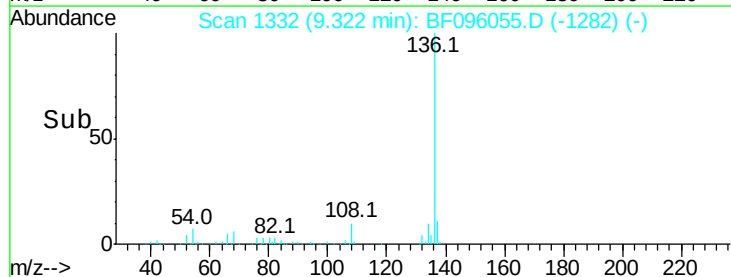
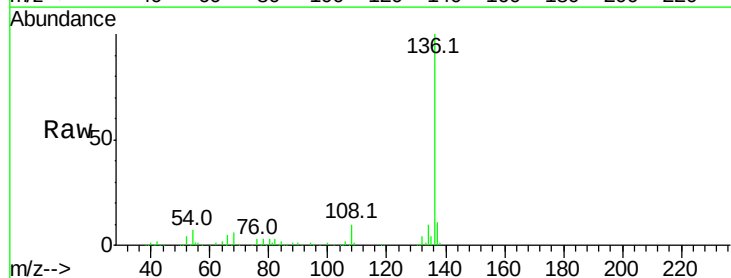
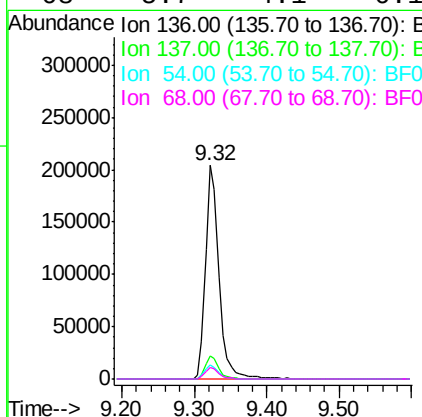
Instrument :
BNA_F
ClientSampleId :

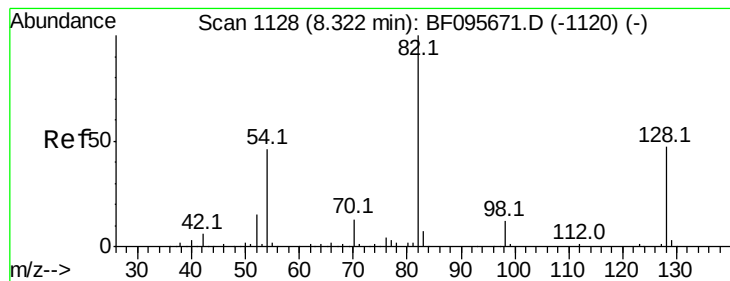
Tot Ion: 70 Resp: 44212
Ion Ratio Lower Upper
70 100
42 43.6 47.2 70.8#
101 0.0 7.2 10.8#
130 2.5 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.32 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF096055.D
Acq: 20 Jun 2017 20:47

Tgt Ion:136 Resp: 265228
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 6.9 4.9 7.3
68 5.7 4.1 6.1





#23

Nitrobenzene-d5

Concen: 80.42 ng

RT: 8.21 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF096055.D

Acq: 20 Jun 2017 20:47

Instrument :

BNA_F

ClientSampled :

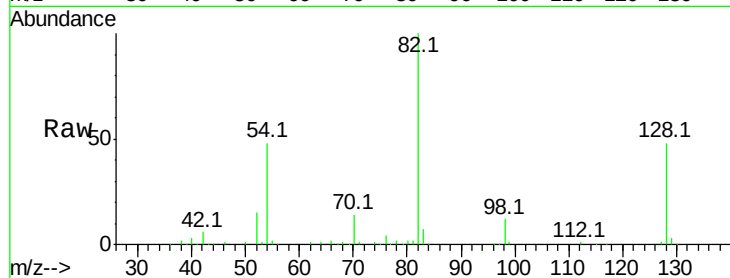
Tot Ion: 82 Resp: 343454

Ion Ratio Lower Upper

82 100

128 47.8 34.0 51.0

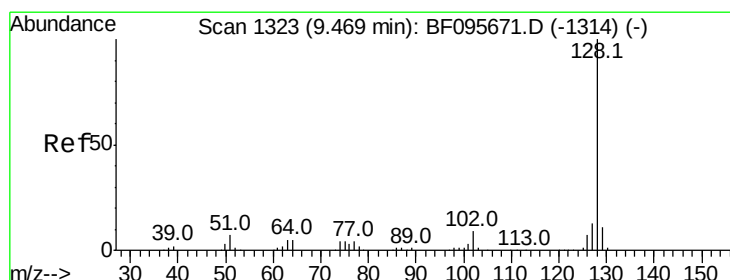
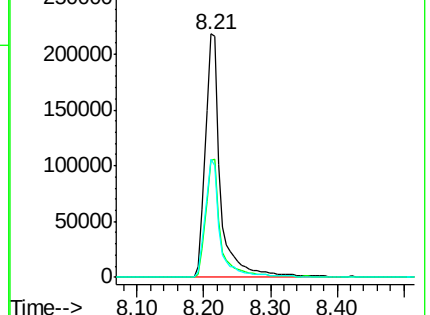
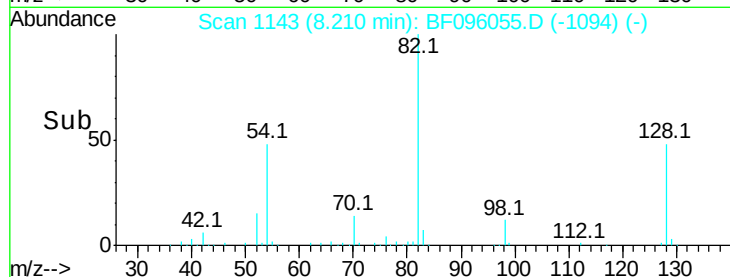
54 48.4 42.2 63.2



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: 3.32 ng

RT: 9.36 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF096055.D

Acq: 20 Jun 2017 20:47

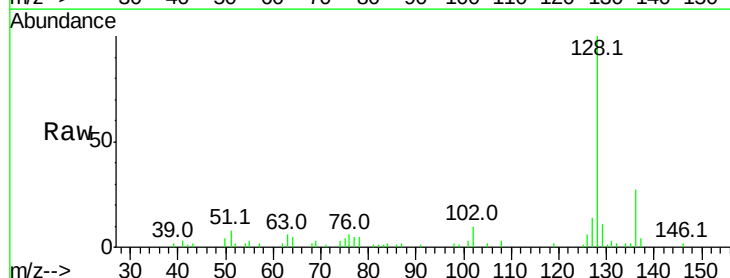
Tgt Ion: 128 Resp: 44230

Ion Ratio Lower Upper

128 100

129 10.6 9.0 13.6

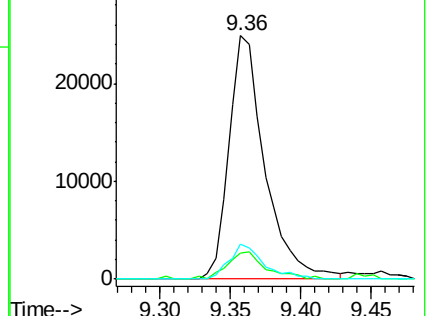
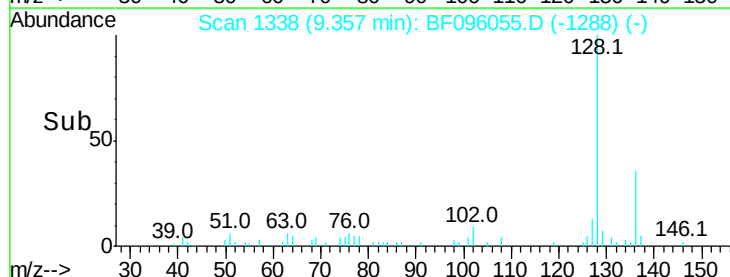
127 14.2 10.8 16.2

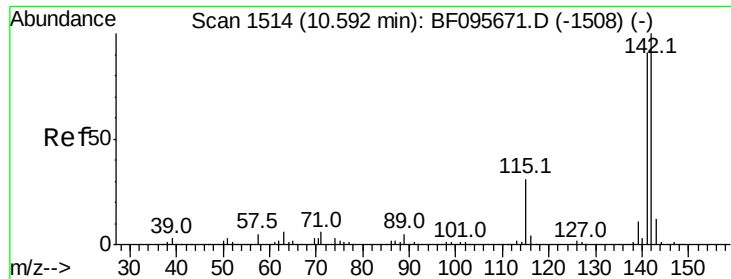


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

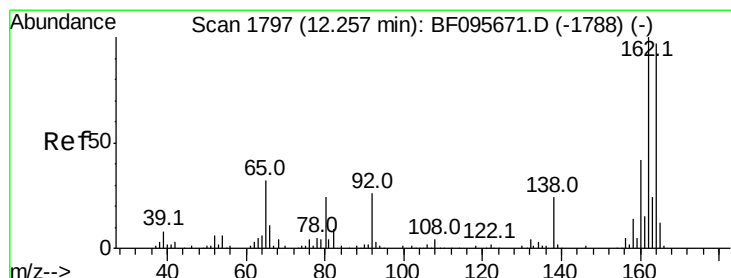
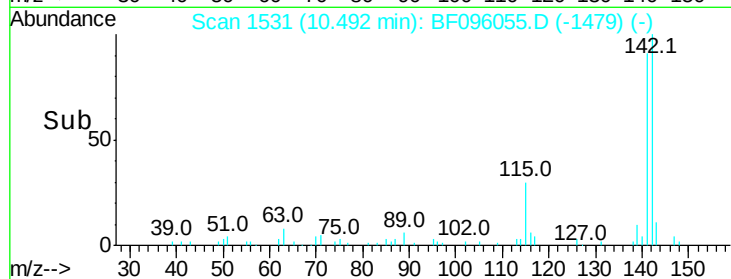
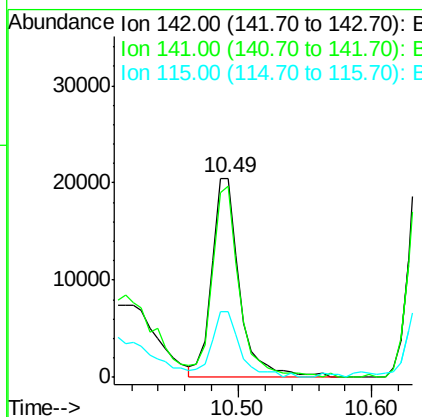
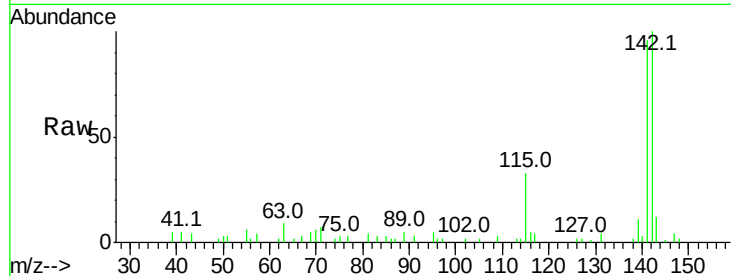




#37
2-Methylnaphthalene
Concen: 3.35 ng
RT: 10.49 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BF096055.D
Acq: 20 Jun 2017 20:47

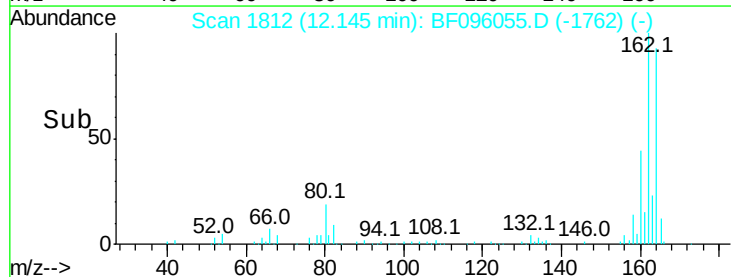
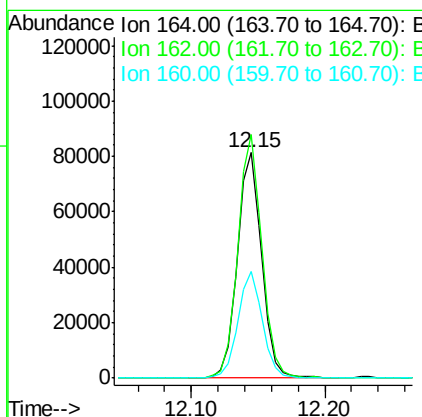
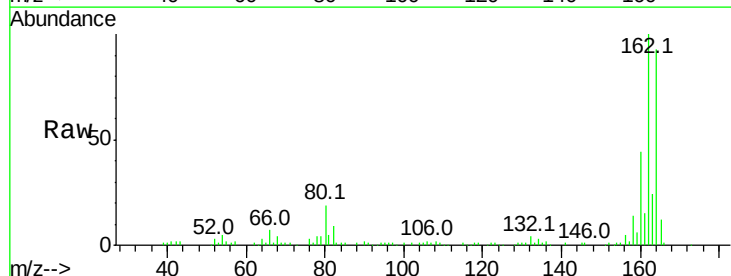
Instrument :
BNA_F
ClientSampled :

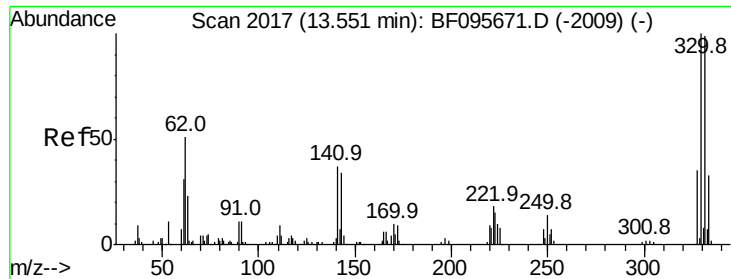
Tot Ion:142 Resp: 30088
Ion Ratio Lower Upper
142 100
141 95.9 71.3 106.9
115 32.8 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.15 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF096055.D
Acq: 20 Jun 2017 20:47

Tgt Ion:164 Resp: 102572
Ion Ratio Lower Upper
164 100
162 108.0 82.6 123.8
160 47.1 36.2 54.2

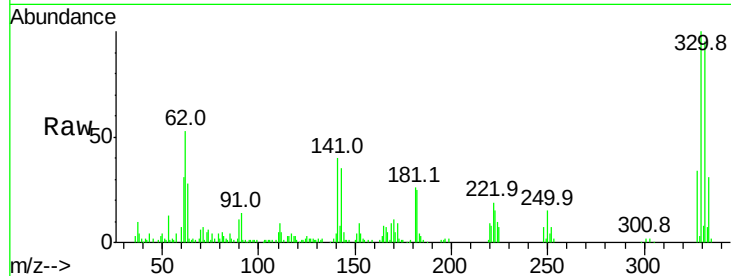




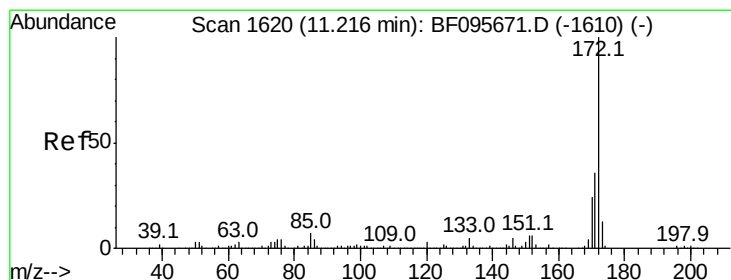
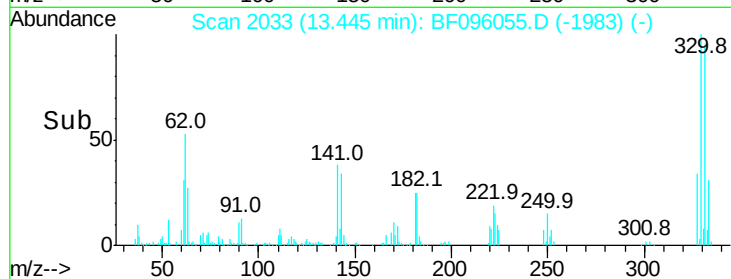
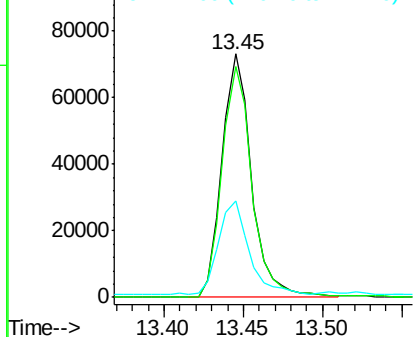
#41
 2,4,6-Tribromophenol
 Concen: 104.59 ng
 RT: 13.45 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF096055.D
 Acq: 20 Jun 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 94916
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 40.2 31.4 47.2

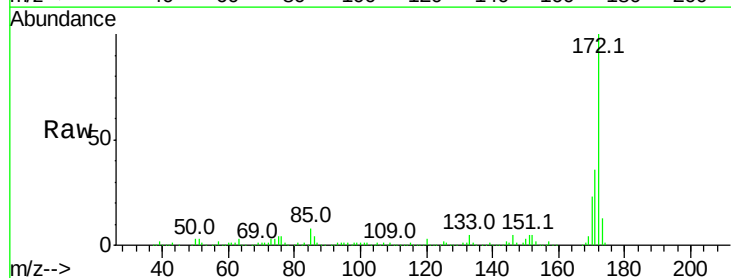


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

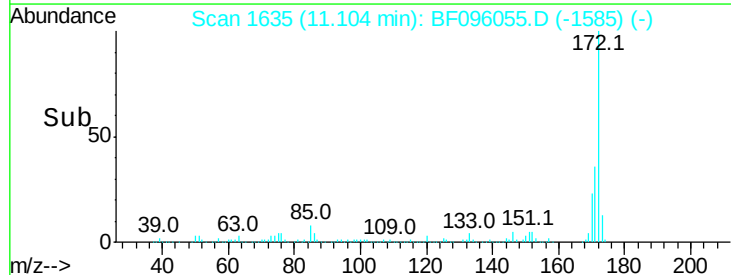
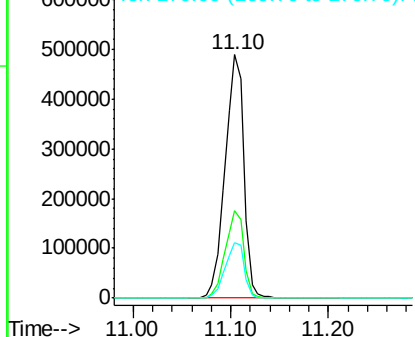


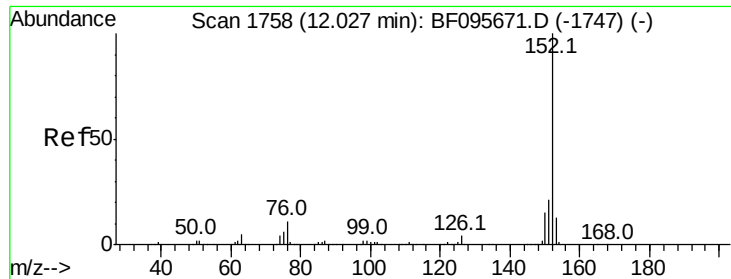
#44
 2-Fluorobiphenyl
 Concen: 88.40 ng
 RT: 11.10 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF096055.D
 Acq: 20 Jun 2017 20:47

Tgt Ion:172 Resp: 651617
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 22.9 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





#48

Acenaphthylene

Concen: 35.12 ng

RT: 11.92 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BF096055.D

Acq: 20 Jun 2017 20:47

Instrument :

BNA_F

ClientSampleId :

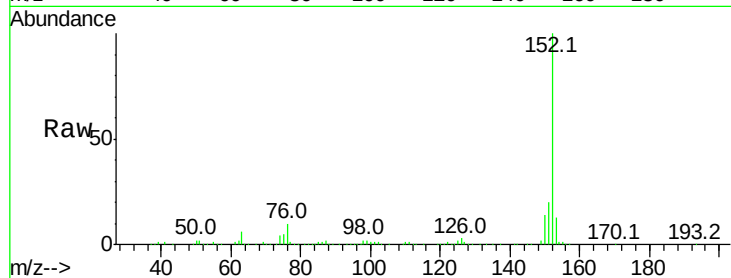
Tot Ion:152 Resp: 396627

Ion Ratio Lower Upper

152 100

151 20.0 16.8 25.2

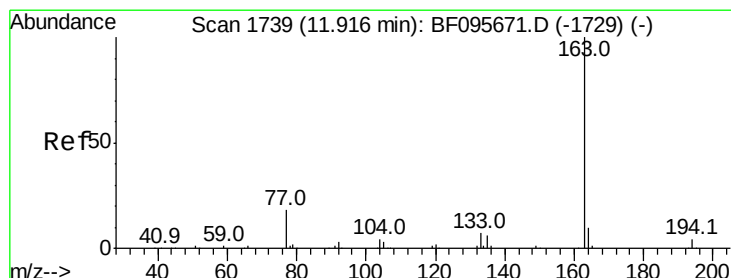
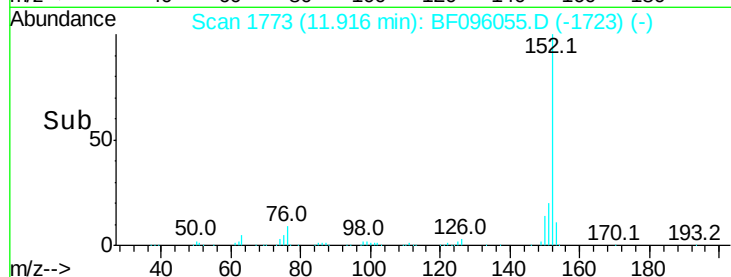
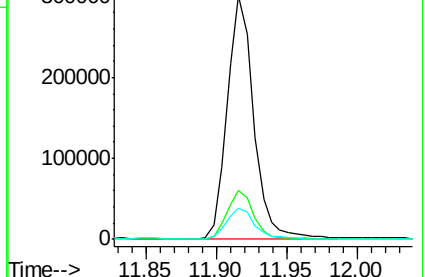
153 12.9 10.8 16.2



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



#49

Dimethylphthalate

Concen: 15.28 ng

RT: 11.80 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BF096055.D

Acq: 20 Jun 2017 20:47

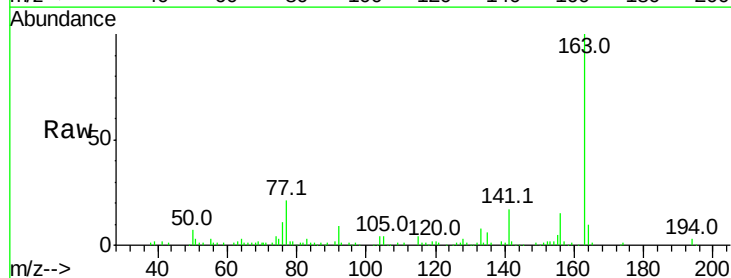
Tgt Ion:163 Resp: 118992

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

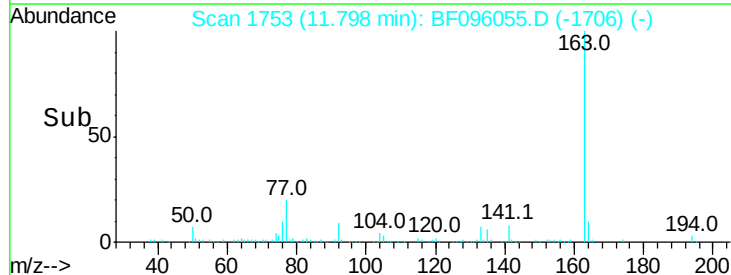
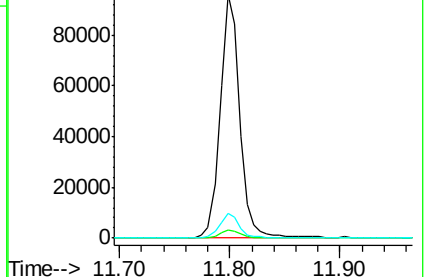
164 9.9 8.4 12.6

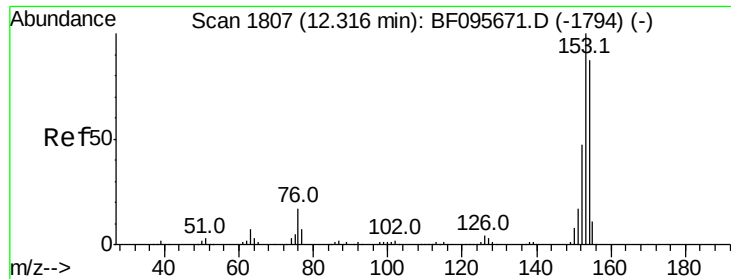


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 11.32 ng

RT: 12.20 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF096055.D

Acq: 20 Jun 2017 20:47

Instrument :

BNA_F

ClientSampled :

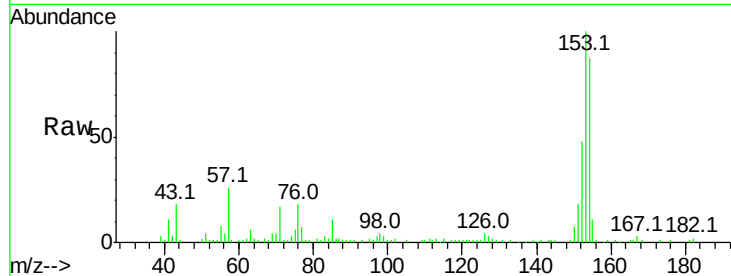
Tot Ion:154 Resp: 73821

Ion Ratio Lower Upper

154 100

153 115.2 90.5 135.7

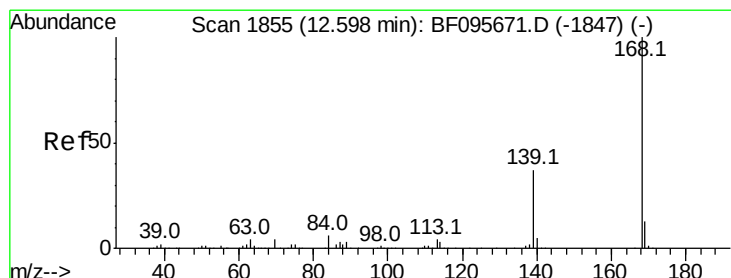
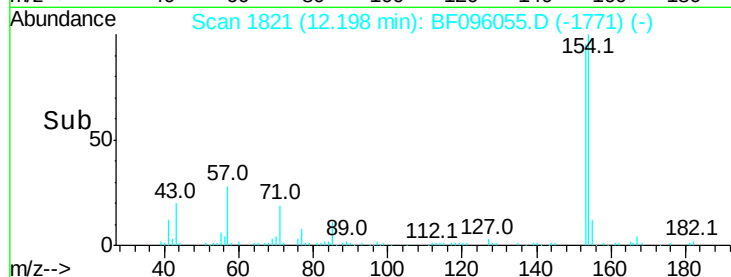
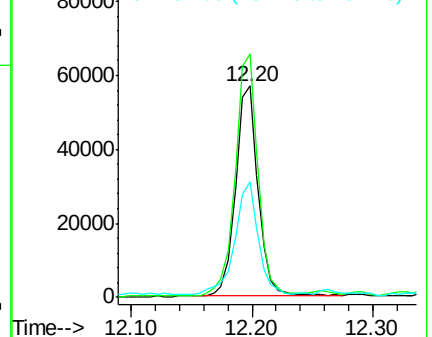
152 54.7 43.6 65.4



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: 6.48 ng

RT: 12.49 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BF096055.D

Acq: 20 Jun 2017 20:47

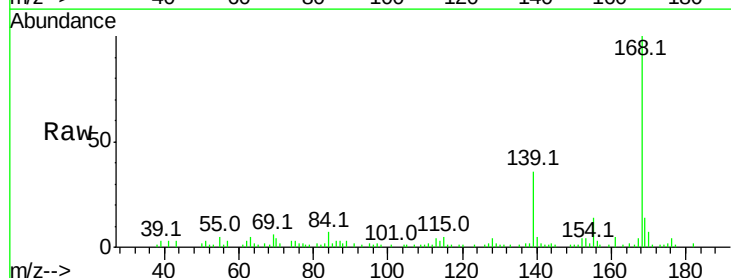
Tgt Ion:168 Resp: 59500

Ion Ratio Lower Upper

168 100

139 36.0 30.6 45.8

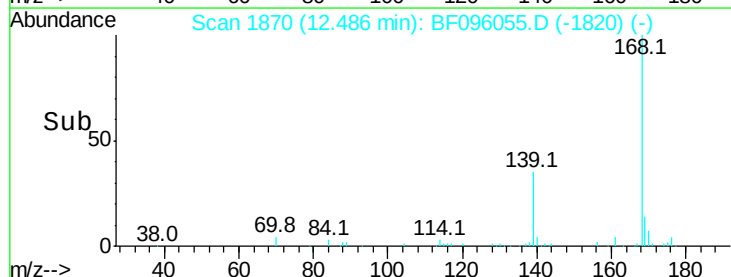
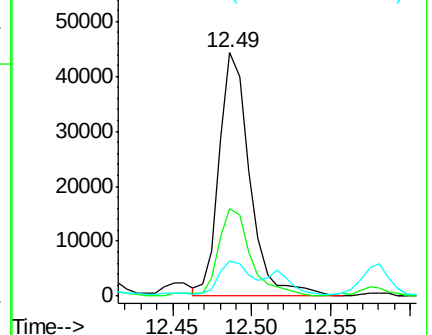
169 14.3 10.8 16.2

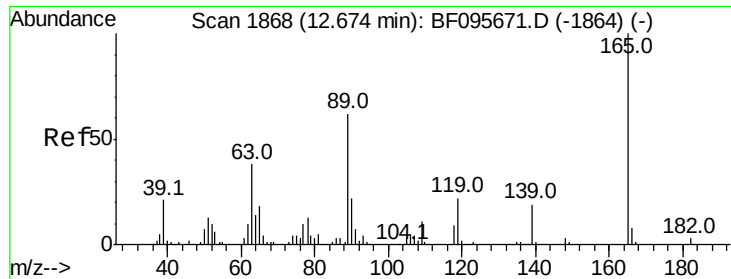


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

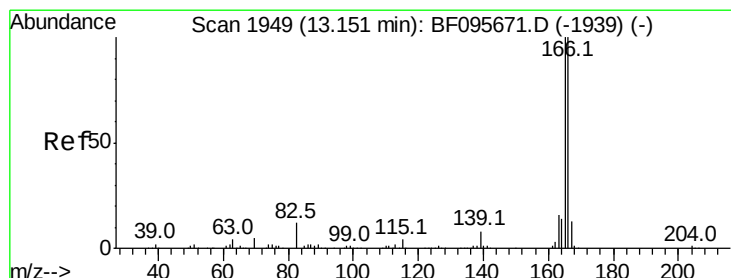
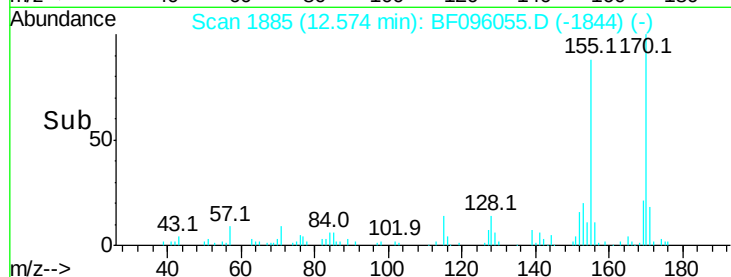
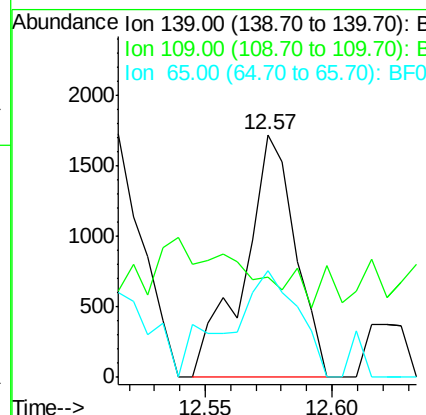
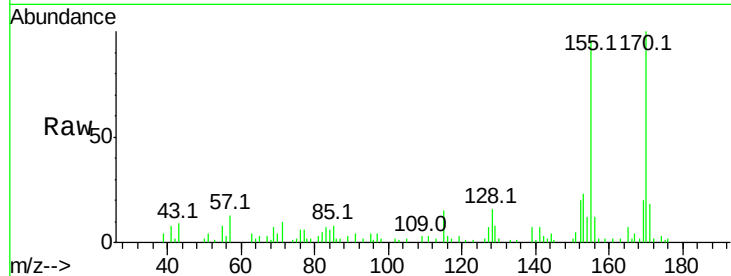




#55
4-Nitrophenol
Concen: 6.61 ng
RT: 12.57 min Scan# 1885
Delta R.T. -0.06 min
Lab File: BF096055.D
Acq: 20 Jun 2017 20:47

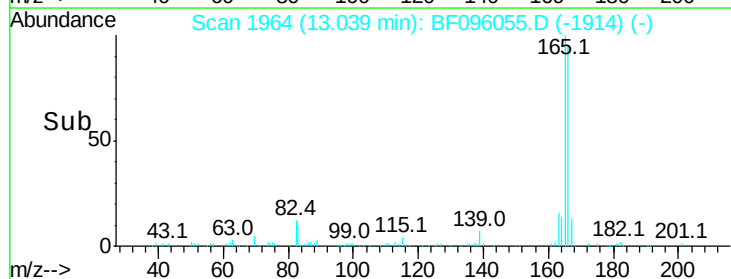
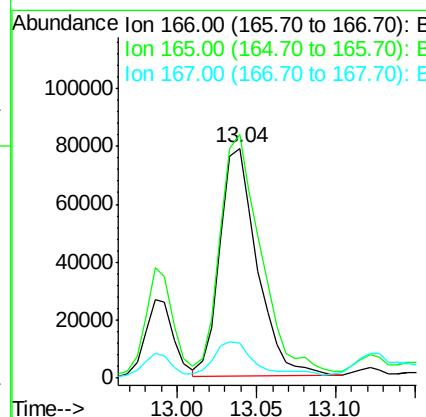
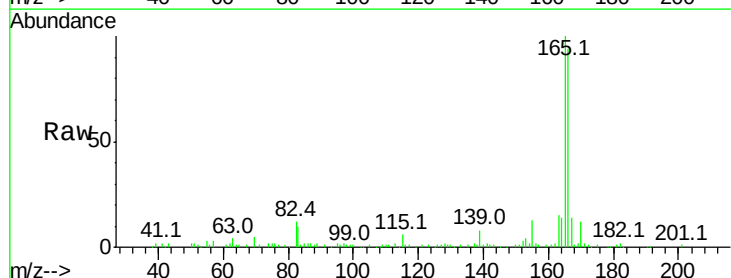
Instrument :
BNA_F
ClientSampleId :

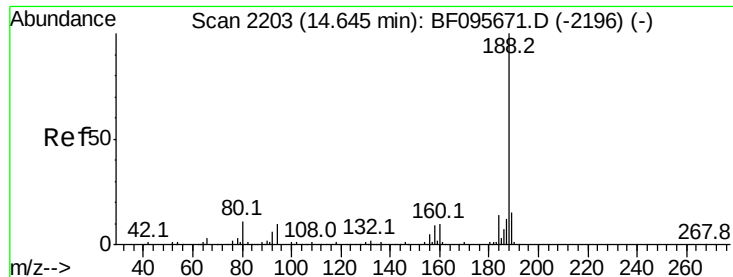
Tot Ion:139 Resp: 2432
Ion Ratio Lower Upper
139 100
109 41.4 34.1 74.1
65 43.7 31.4 71.4



#57
Fluorene
Concen: 16.09 ng
RT: 13.04 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BF096055.D
Acq: 20 Jun 2017 20:47

Tgt Ion:166 Resp: 128543
Ion Ratio Lower Upper
166 100
165 106.1 78.8 118.2
167 15.1 10.6 16.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.54 min Scan# 2219

Delta R.T. 0.00 min

Lab File: BF096055.D

Acq: 20 Jun 2017 20:47

Instrument :

BNA_F

ClientSampleId :

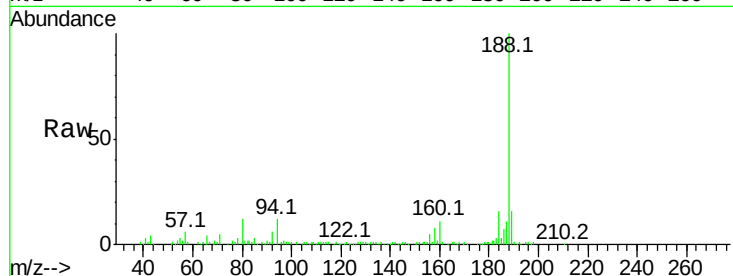
Tot Ion:188 Resp: 159417

Ion Ratio Lower Upper

188 100

94 11.6 9.4 14.2

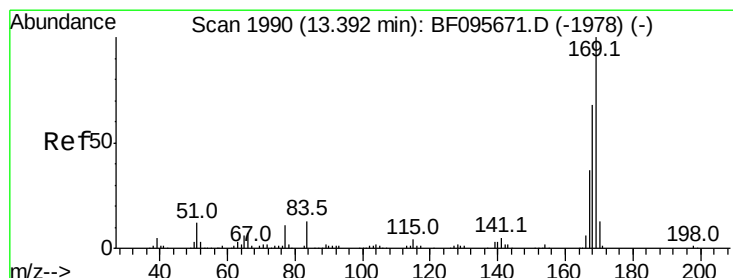
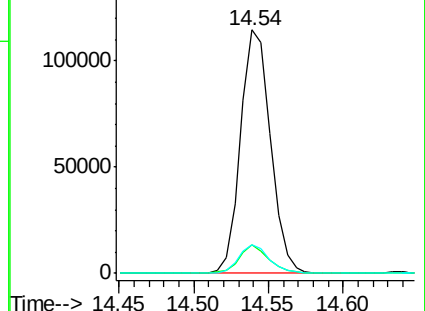
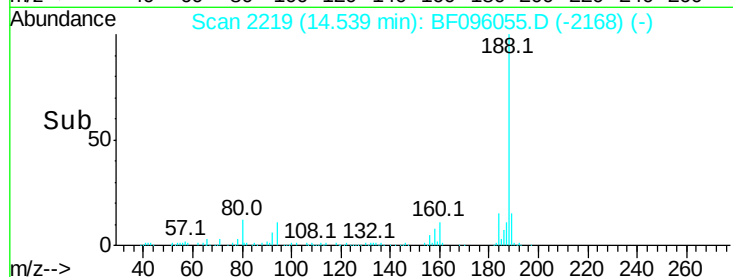
80 11.9 10.2 15.2



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



#65

n-Nitrosodiphenylamine

Concen: 2.21 ng

RT: 13.26 min Scan# 2001

Delta R.T. -0.03 min

Lab File: BF096055.D

Acq: 20 Jun 2017 20:47

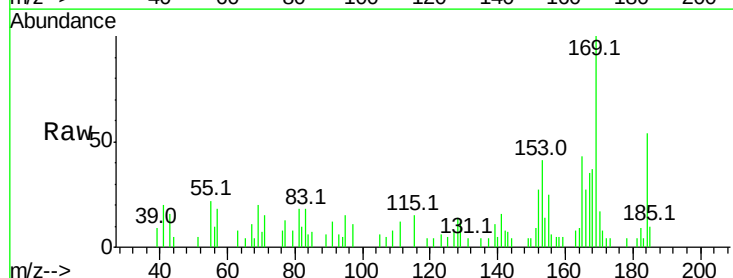
Tgt Ion:169 Resp: 12645

Ion Ratio Lower Upper

169 100

168 37.3 53.2 79.8#

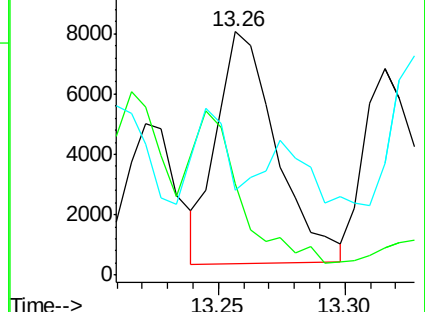
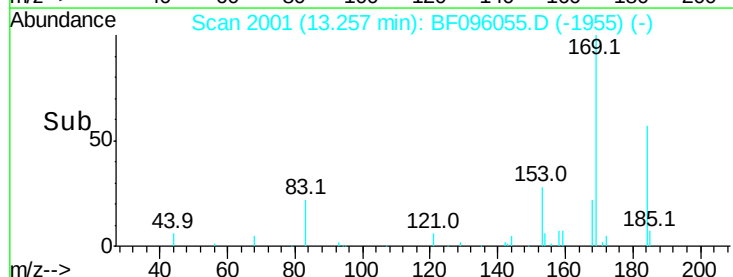
167 34.8 29.5 44.3

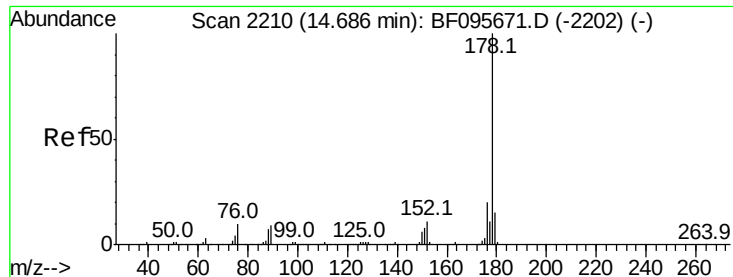


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

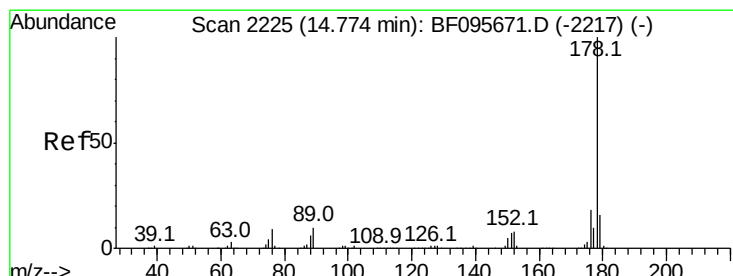
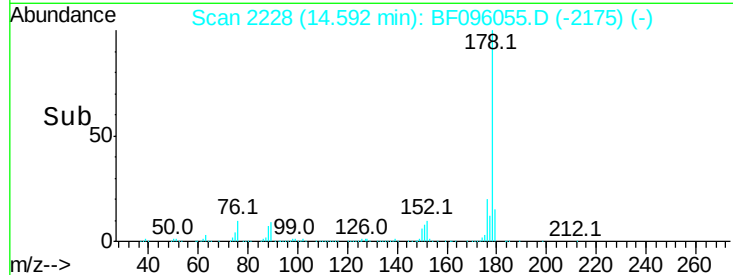
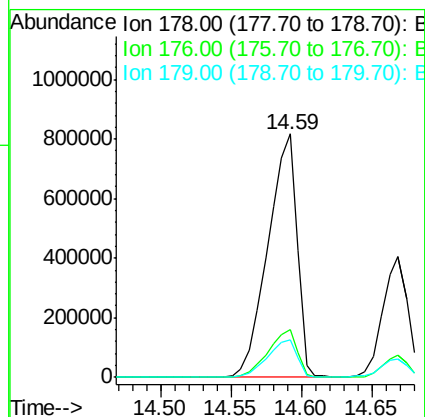
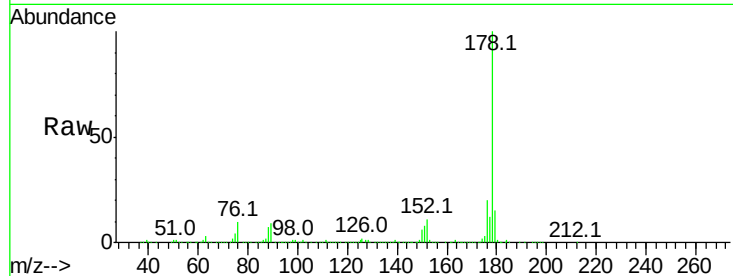




#70
 Phenanthrene
 Concen: 128.47 ng
 RT: 14.59 min Scan# 2228
 Delta R.T. 0.01 min
 Lab File: BF096055.D
 Acq: 20 Jun 2017 20:47

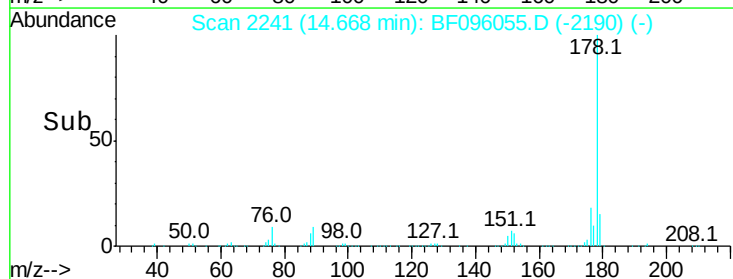
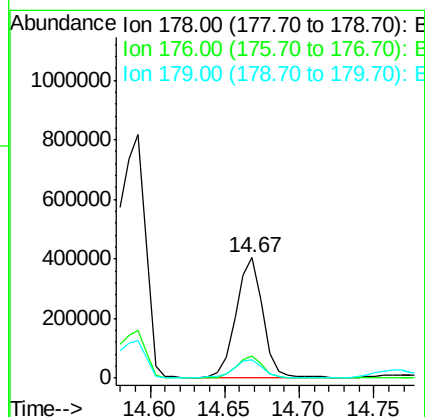
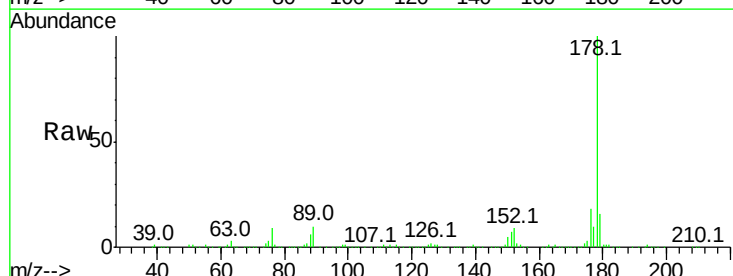
Instrument :
 BNA_F
 ClientSampleId :

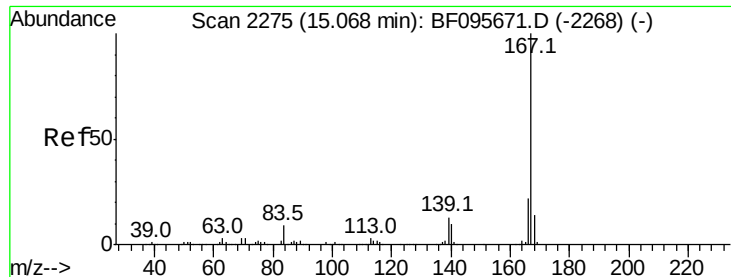
Tot Ion:178 Resp: 1181737
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.2 24.4
 179 15.5 12.6 19.0



#71
 Anthracene
 Concen: 52.11 ng
 RT: 14.67 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: BF096055.D
 Acq: 20 Jun 2017 20:47

Tgt Ion:178 Resp: 500453
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.8 23.8
 179 15.7 12.7 19.1





#72

Carbazole

Concen: 3.53 ng

RT: 14.97 min Scan# 2293

Delta R.T. 0.01 min

Lab File: BF096055.D

Acq: 20 Jun 2017 20:47

Instrument :

BNA_F

ClientSampleId :

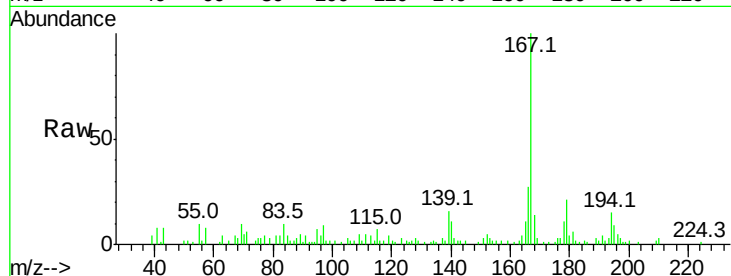
Tot Ion:167 Resp: 33005

Ion Ratio Lower Upper

167 100

166 27.3 18.1 27.1#

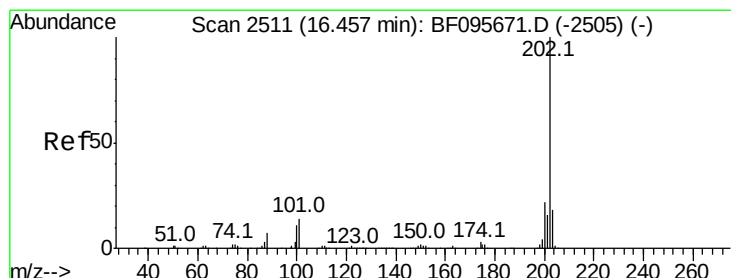
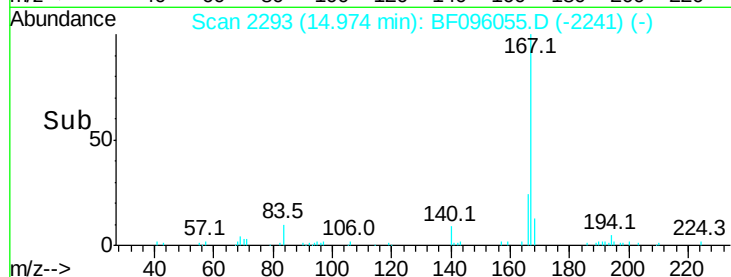
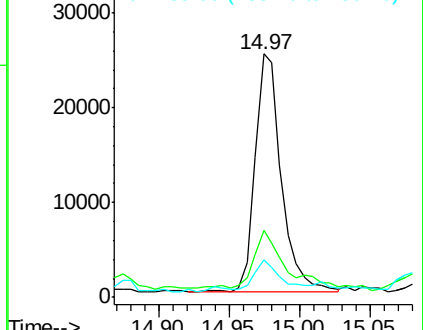
139 15.6 11.7 17.5



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: 209.32 ng

RT: 16.40 min Scan# 2535

Delta R.T. 0.03 min

Lab File: BF096055.D

Acq: 20 Jun 2017 20:47

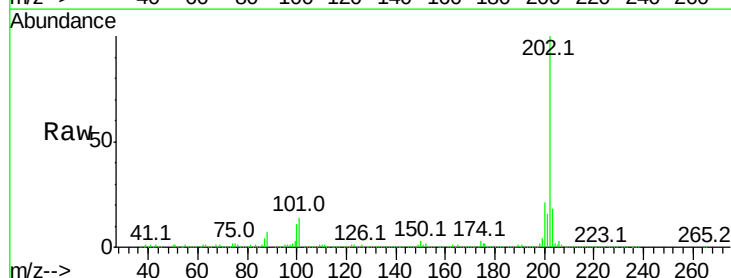
Tgt Ion:202 Resp: 1905685

Ion Ratio Lower Upper

202 100

101 14.0 0.0 33.2

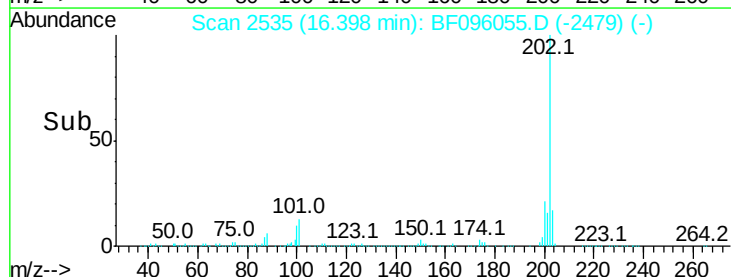
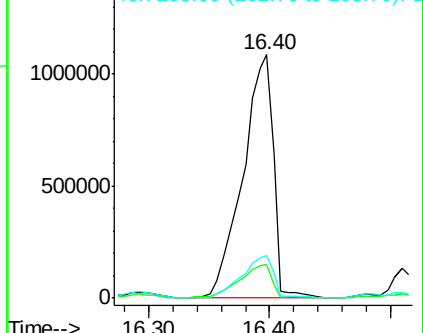
203 17.7 0.0 38.1

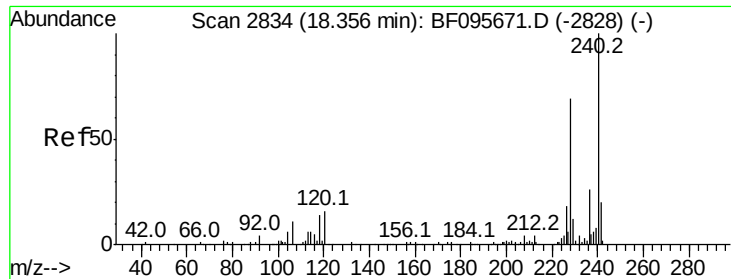


Abundance Ion 202.00 (201.70 to 202.70): E

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: 18.29 min Scan# 2857

Delta R.T. 0.02 min

Lab File: BF096055.D

Acq: 20 Jun 2017 20:47

Instrument :

BNA_F

ClientSampleId :

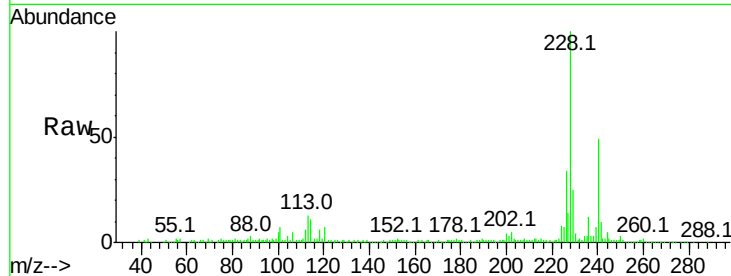
Tot Ion:240 Resp: 104051

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

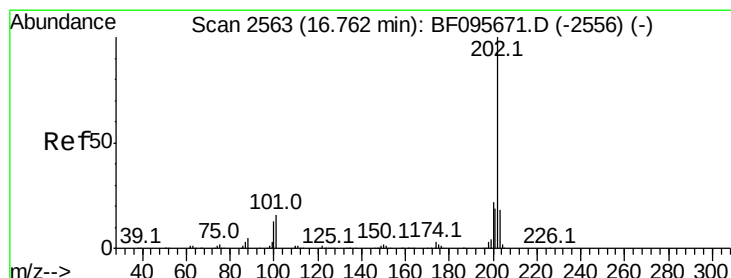
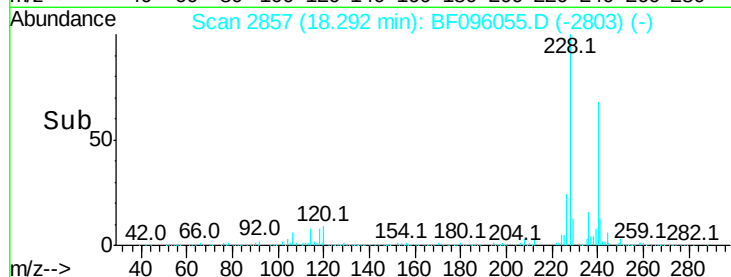
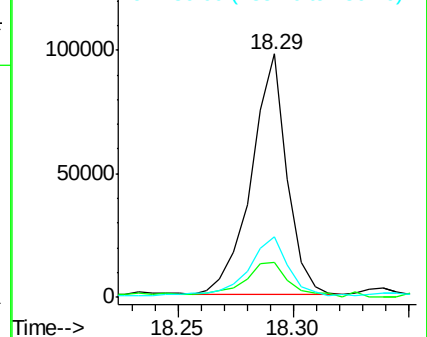
236 24.7 20.5 30.7



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: 21.59 ng

RT: 16.51 min Scan# 2554

Delta R.T. -0.16 min

Lab File: BF096055.D

Acq: 20 Jun 2017 20:47

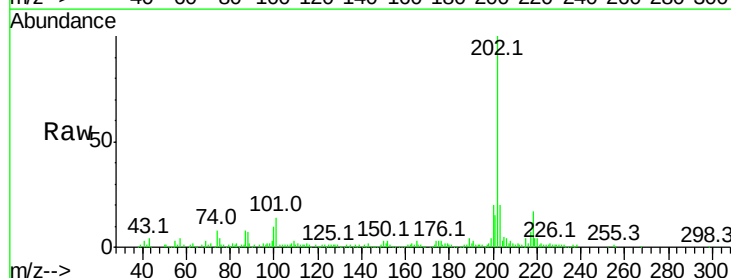
Tgt Ion:202 Resp: 167584

Ion Ratio Lower Upper

202 100

200 20.4 17.6 26.4

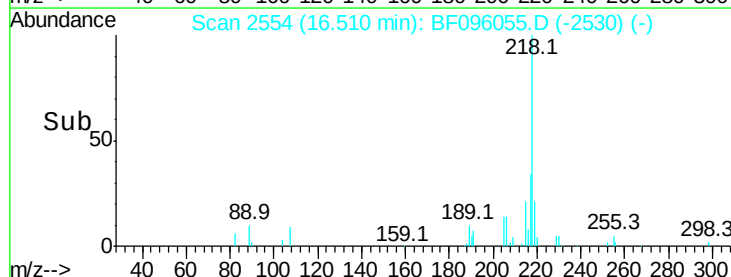
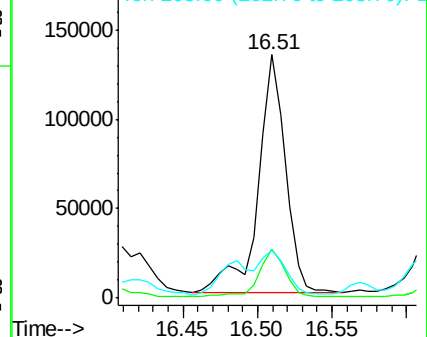
203 19.9 14.4 21.6

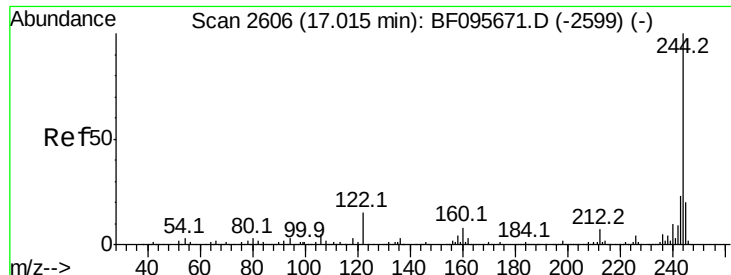


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 103.74 ng

RT: 16.93 min Scan# 2626

Delta R.T. 0.01 min

Lab File: BF096055.D

Acq: 20 Jun 2017 20:47

Instrument :

BNA_F

ClientSampleId :

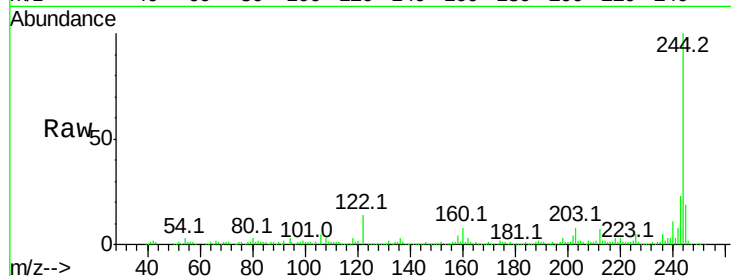
Tot Ion:244 Resp: 434946

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

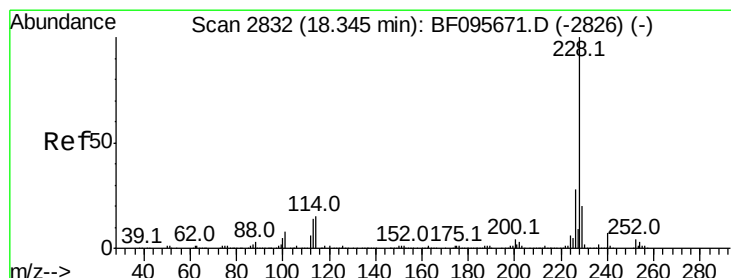
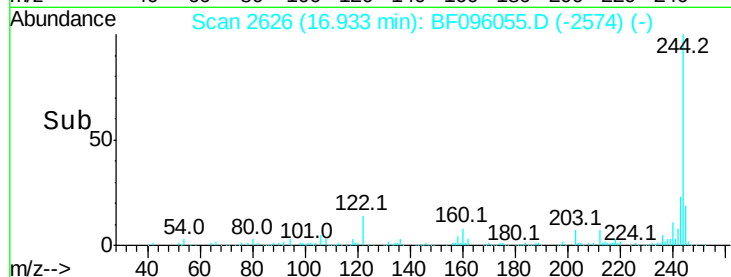
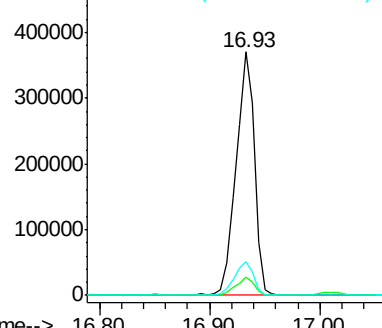
122 14.0 10.3 15.5



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: 162.45 ng

RT: 18.28 min Scan# 2855

Delta R.T. 0.02 min

Lab File: BF096055.D

Acq: 20 Jun 2017 20:47

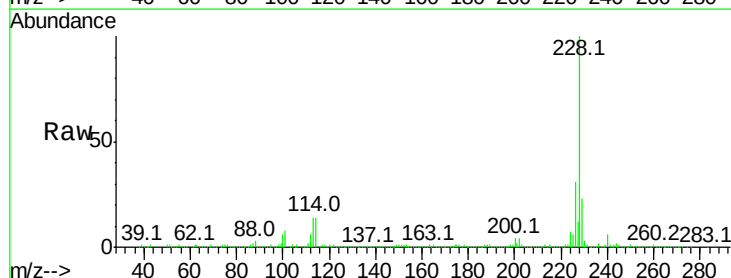
Tgt Ion:228 Resp: 982766

Ion Ratio Lower Upper

228 100

226 31.4 22.6 33.8

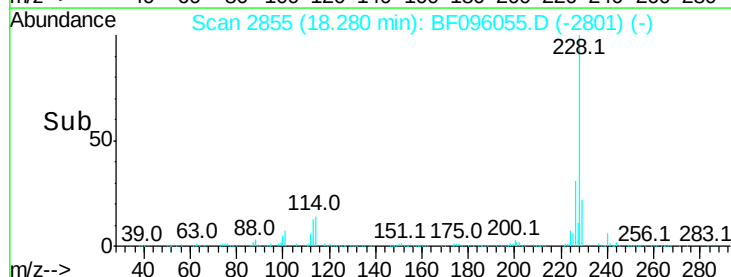
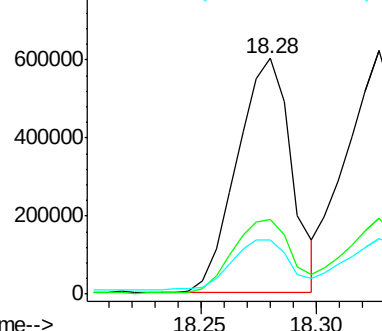
229 23.0 16.3 24.5

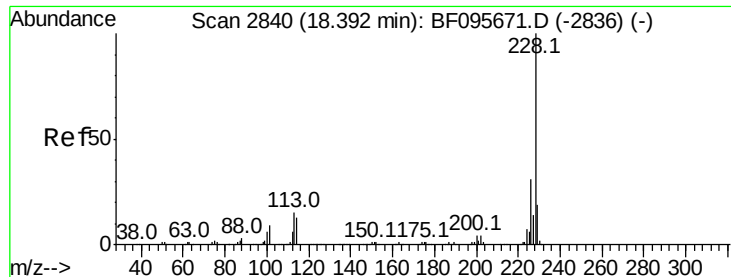


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 151.52 ng

RT: 18.33 min Scan# 2863

Delta R.T. 0.02 min

Lab File: BF096055.D

Acq: 20 Jun 2017 20:47

Instrument :

BNA_F

ClientSampleId :

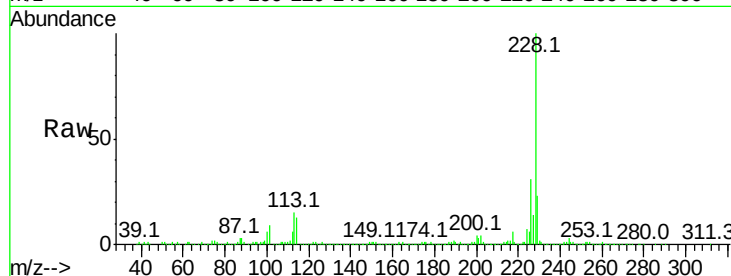
Tot Ion:228 Resp: 916011

Ion Ratio Lower Upper

228 100

226 30.9 24.9 37.3

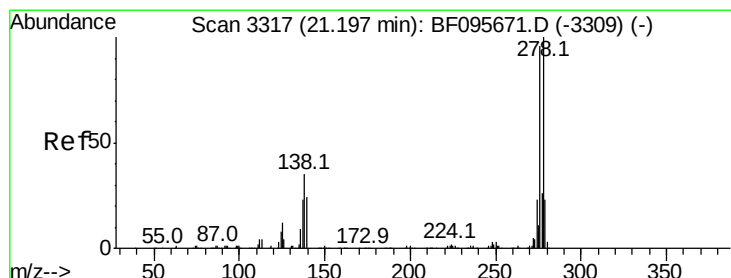
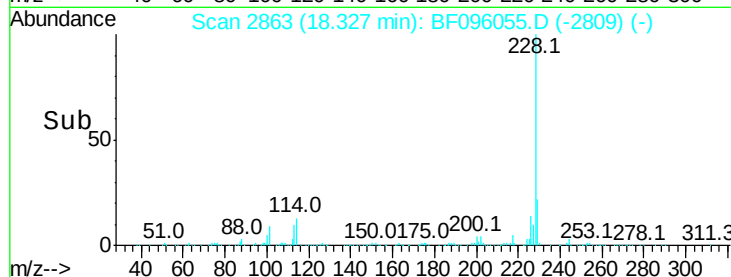
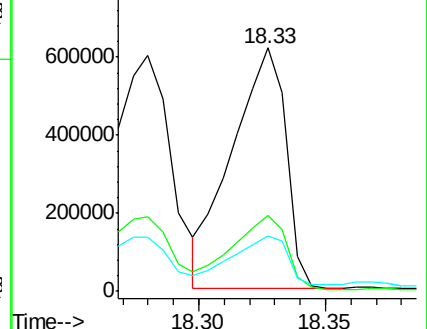
229 23.0 15.8 23.6



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: 68.92 ng

RT: 21.12 min Scan# 3338

Delta R.T. 0.02 min

Lab File: BF096055.D

Acq: 20 Jun 2017 20:47

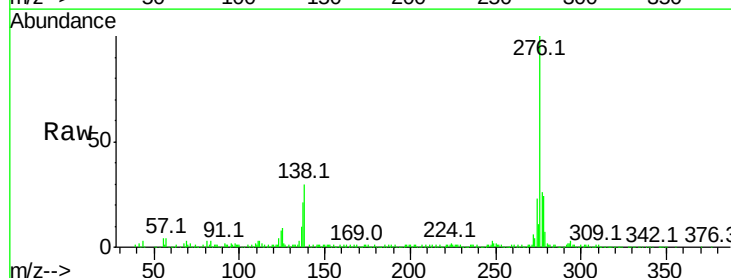
Tgt Ion:276 Resp: 356501

Ion Ratio Lower Upper

276 100

138 26.3 27.8 41.6#

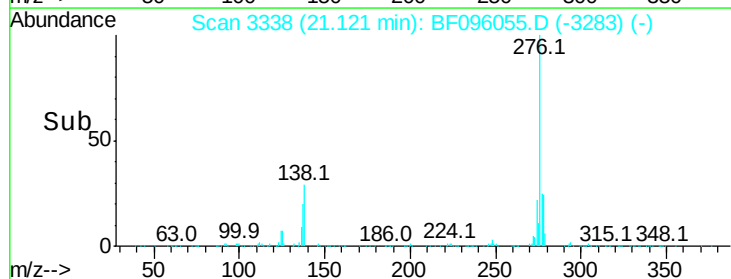
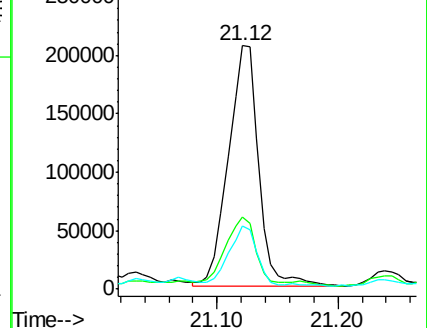
277 24.8 20.2 30.4

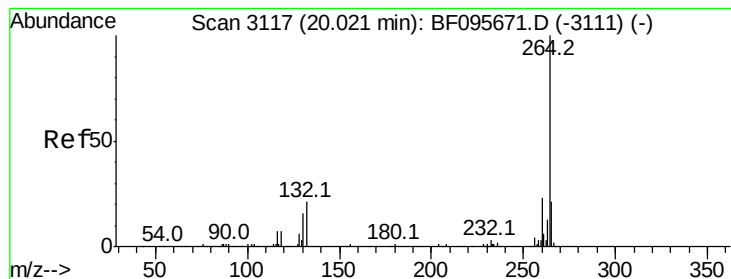


Abundance Ion 276.00 (275.70 to 276.70): E

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# 3140

Delta R.T. 0.02 min

Lab File: BF096055.D

Acq: 20 Jun 2017 20:47

Instrument :

BNA_F

ClientSampleId :

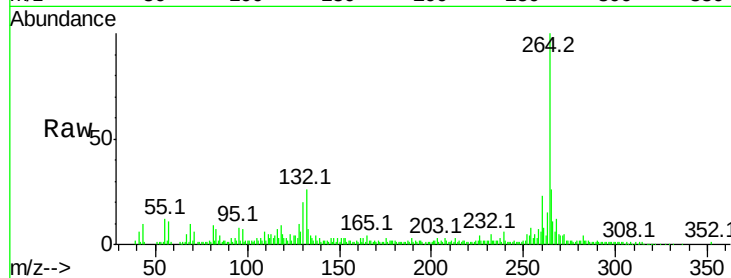
Tot Ion:264 Resp: 88936

Ion Ratio Lower Upper

264 100

260 22.7 19.5 29.3

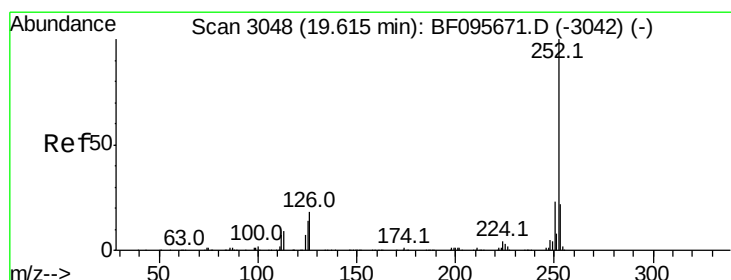
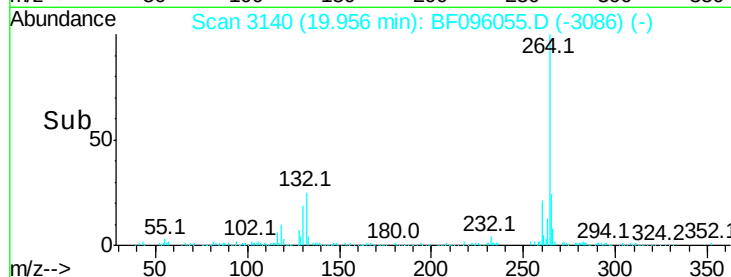
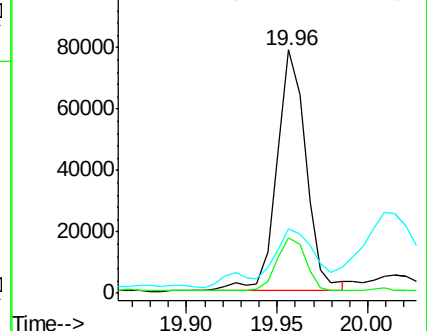
265 26.3 17.2 25.8#



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 203.39 ng

RT: 19.56 min Scan# 3073

Delta R.T. 0.02 min

Lab File: BF096055.D

Acq: 20 Jun 2017 20:47

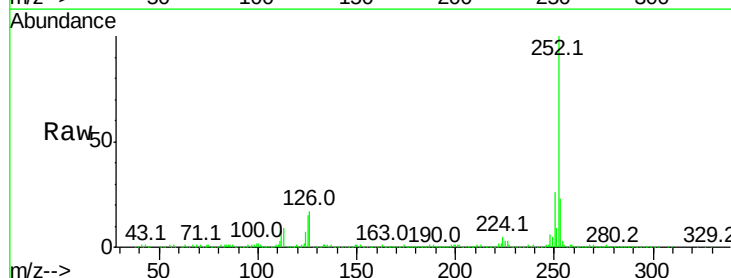
Tgt Ion:252 Resp: 1132661

Ion Ratio Lower Upper

252 100

253 23.2 18.1 27.1

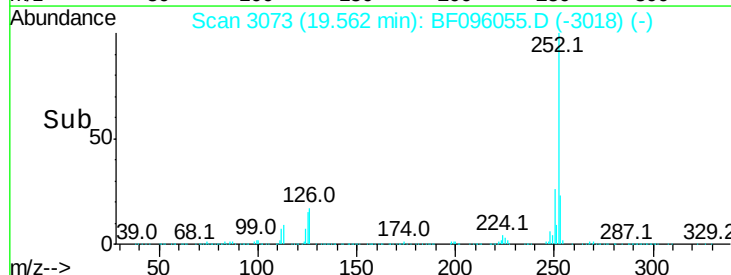
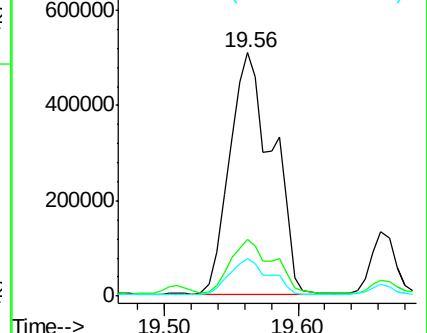
125 15.3 9.8 14.8#

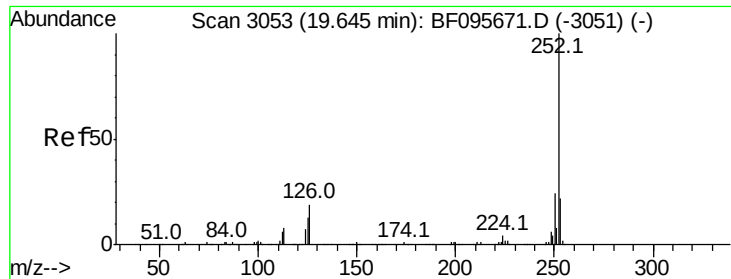


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

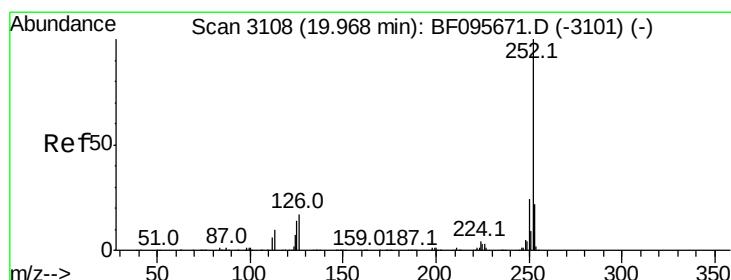
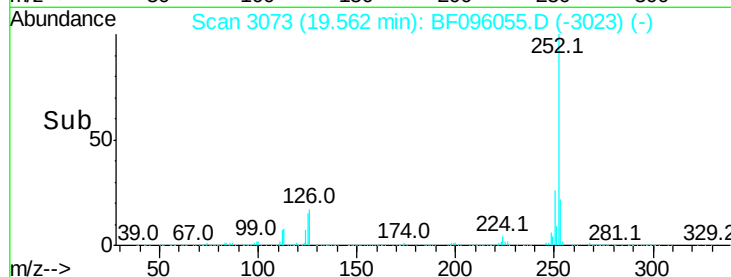
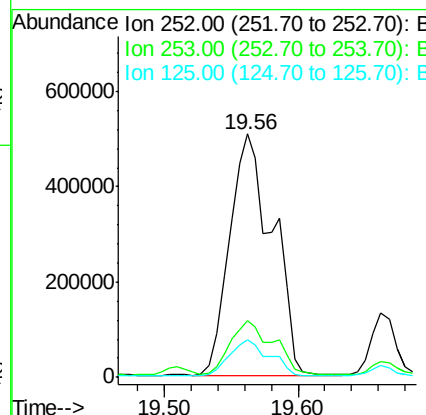
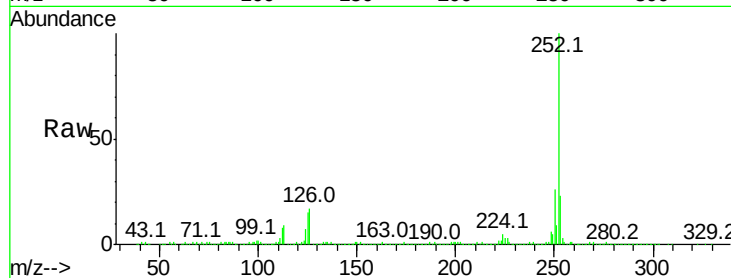




#88
Benzo(k)fluoranthene
Concen: 212.79 ng
RT: 19.56 min Scan# 3073
Delta R.T. -0.01 min
Lab File: BF096055.D
Acq: 20 Jun 2017 20:47

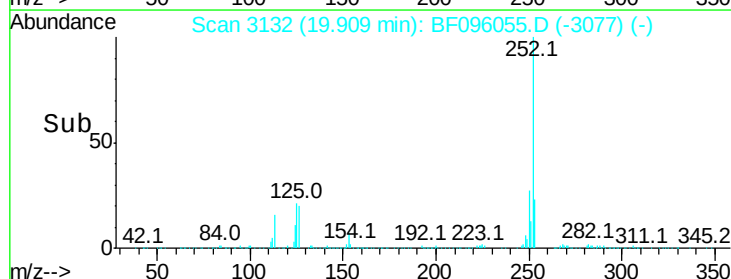
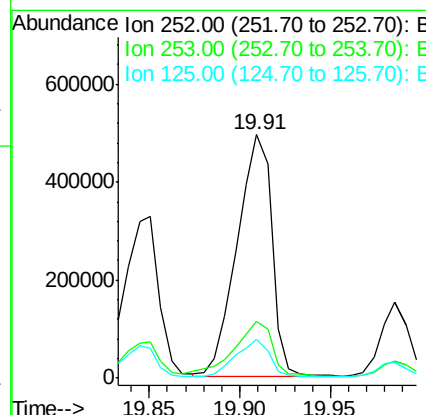
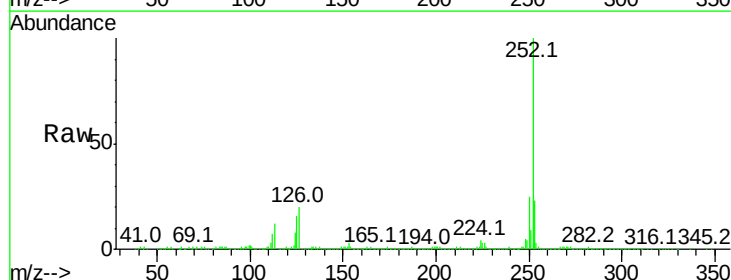
Instrument :
BNA_F
ClientSampleId :

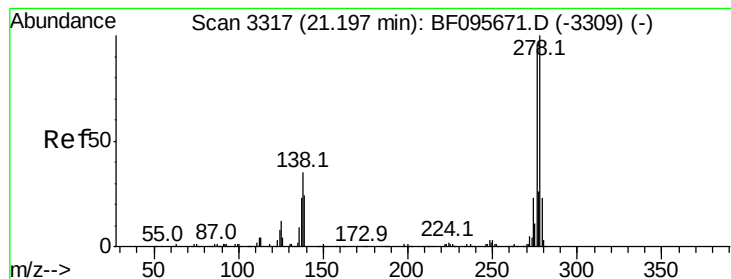
Tot Ion:252 Resp: 1132661
Ion Ratio Lower Upper
252 100
253 23.2 18.4 27.6
125 15.3 13.1 19.7



#89
Benzo(a)pyrene
Concen: 128.69 ng
RT: 19.91 min Scan# 3132
Delta R.T. 0.02 min
Lab File: BF096055.D
Acq: 20 Jun 2017 20:47

Tgt Ion:252 Resp: 658694
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 15.7 11.0 16.4





#90

Dibenzo(a,h)anthracene

Concen: 13.09 ng

RT: 21.28 min Scan# 3365

Delta R.T. 0.18 min

Lab File: BF096055.D

Acq: 20 Jun 2017 20:47

Instrument :

BNA_F

ClientSampleId :

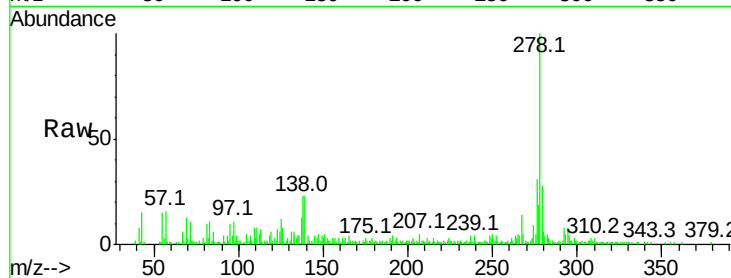
Tot Ion:278 Resp: 56823

Ion Ratio Lower Upper

278 100

139 23.4 16.6 24.8

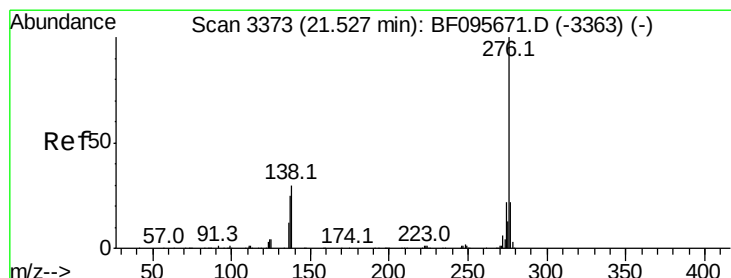
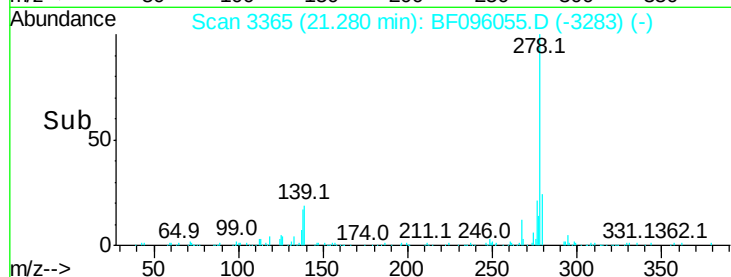
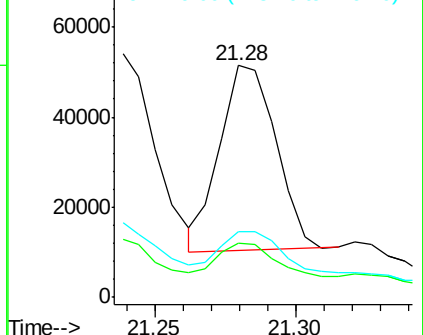
279 28.4 19.3 28.9



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: 77.00 ng

RT: 21.45 min Scan# 3394

Delta R.T. 0.03 min

Lab File: BF096055.D

Acq: 20 Jun 2017 20:47

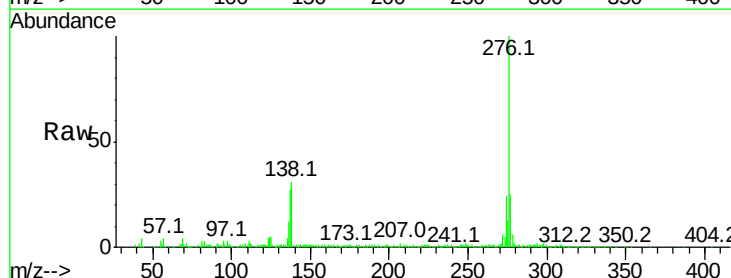
Tgt Ion:276 Resp: 340818

Ion Ratio Lower Upper

276 100

277 25.0 18.6 28.0

138 31.1 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

