

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
 Data File : BF095754.D
 Acq On : 7 Jun 2017 19:31
 Operator : SJ/MA
 Sample : I3479-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 08 04:07:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	70267	20.00	ng	-0.01
21) Naphthalene-d8	9.42	136	283096	20.00	ng	-0.02
38) Acenaphthene-d10	12.24	164	115472	20.00	ng	-0.02
63) Phenanthrene-d10	14.64	188	172995	20.00	ng	0.00
75) Chrysene-d12	18.36	240	124927	20.00	ng	0.00
86) Perylene-d12	20.02	264	107030	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	661169	149.93	ng	0.00
7) Phenol-d6	6.97	99	802608	152.03	ng	0.01
23) Nitrobenzene-d5	8.30	82	456544	100.16	ng	-0.02
41) 2,4,6-Tribromophenol	13.54	330	127482	124.78	ng	-0.01
44) 2-Fluorobiphenyl	11.20	172	760414	91.64	ng	-0.02
78) Terphenyl-d14	17.01	244	417877	83.01	ng	0.00

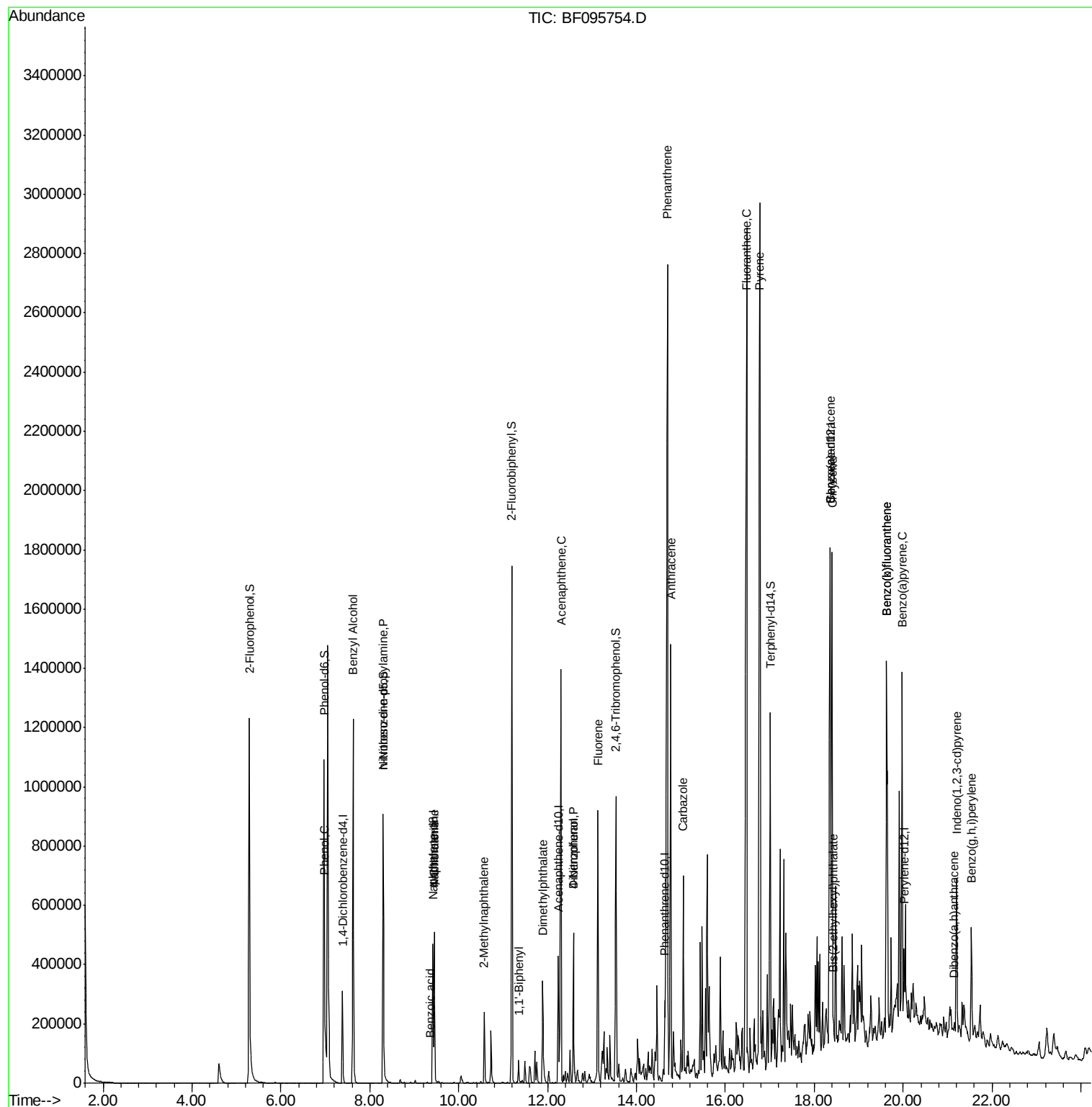
Target Compounds						Qvalue
10) Phenol	6.98	94	14585	2.66	ng	# 48
15) Benzyl Alcohol	7.62	79	7621	2.10	ng	# 37
19) n-Nitroso-di-n-propylamine	8.30	70	58090	17.36	ng	# 73
31) Naphthalene	9.45	128	345461	24.32	ng	99
32) Benzoic acid	9.36	122	376	5.25	ng	# 1
33) 4-Chloroaniline	9.45	127	45463	8.19	ng	# 35
37) 2-Methylnaphthalene	10.57	142	91754	9.56	ng	98
45) 1,1'-Biphenyl	11.34	154	32589	3.42	ng	96
49) Dimethylphthalate	11.89	163	181240	20.67	ng	100
51) Acenaphthene	12.30	154	433194	58.99	ng	99
54) Dibenzofuran	12.58	168	270366	26.16	ng	96
55) 4-Nitrophenol	12.58	139	97878	75.52	ng	# 27
57) Fluorene	13.13	166	339577	37.75	ng	100
70) Phenanthrene	14.70	178	2233435	223.75	ng	99
71) Anthracene	14.77	178	821166	78.80	ng	98
72) Carbazole	15.06	167	358936	35.35	ng	97
74) Fluoranthene	16.48	202	2272424	230.01	ng	99
77) Pyrene	16.78	202	1889729	202.73	ng	97
80) Benzo(a)anthracene	18.36	228	945654	130.20	ng	99
82) Chrysene	18.40	228	758102	104.44	ng	96
83) Bis(2-ethylhexyl)phthalate	18.43	149	13989	2.44	ng	# 93
85) Indeno(1,2,3-cd)pyrene	21.20	276	259908	41.85	ng	96
87) Benzo(b)fluoranthene	19.63	252	1076676	160.65	ng	# 97
88) Benzo(k)fluoranthene	19.63	252	1076676	168.08	ng	99
89) Benzo(a)pyrene	19.97	252	580605	94.26	ng	97
90) Dibenzo(a,h)anthracene	21.15	278	28269	5.41	ng	94
91) Benzo(g,h,i)perylene	21.54	276	248295	46.61	ng	97

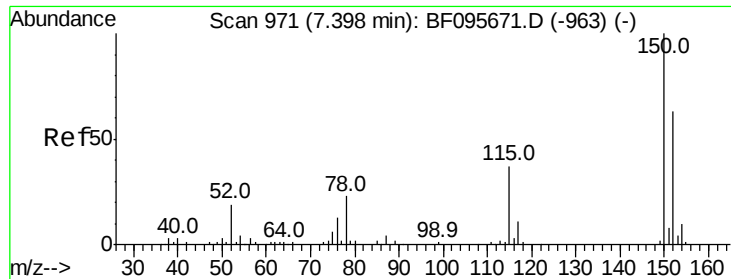
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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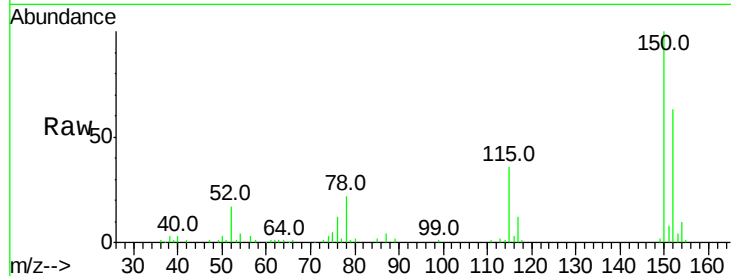


#1

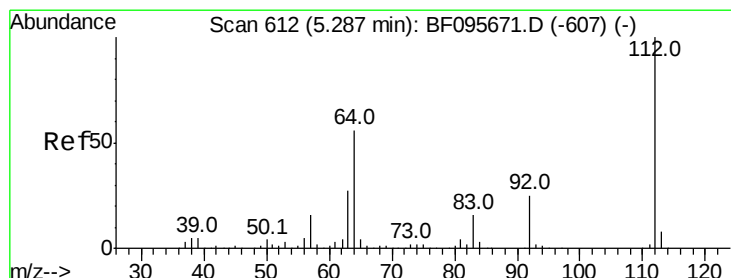
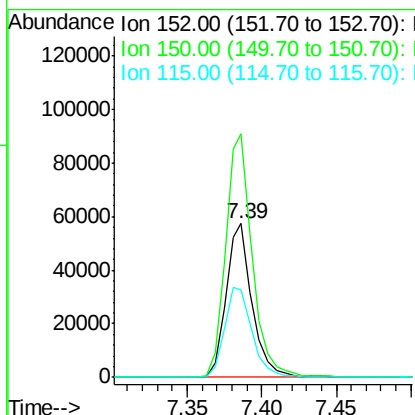
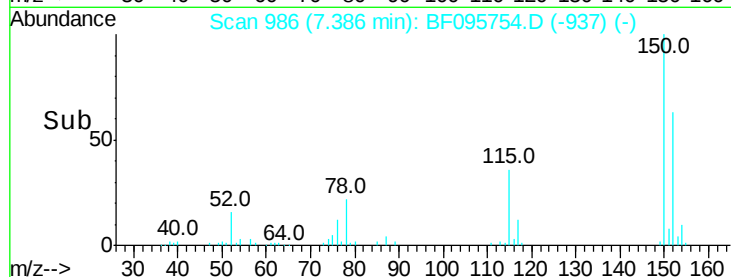
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 70267
Ion Ratio Lower Upper
152 100
150 158.4 126.2 189.2
115 57.0 52.2 78.2



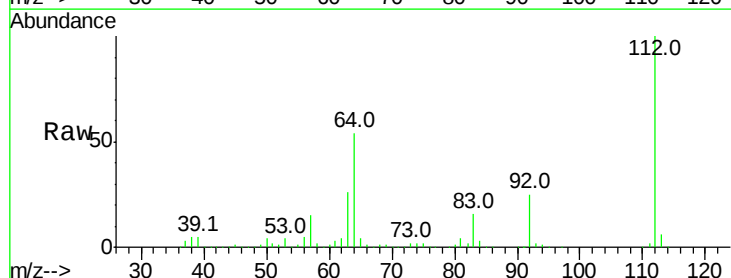
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



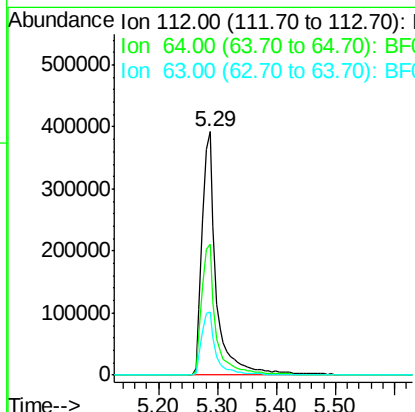
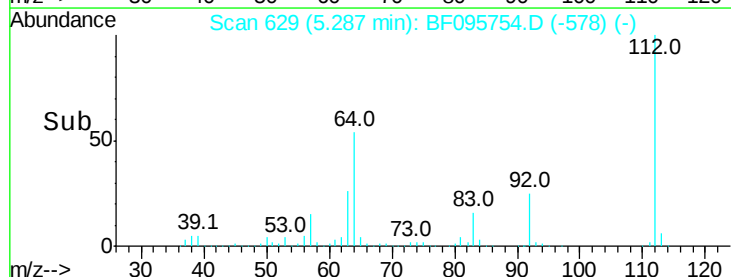
#5

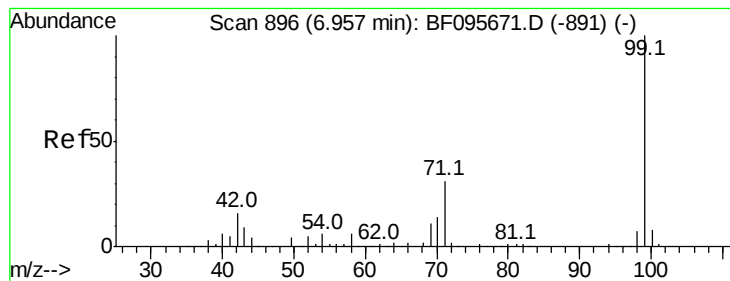
2-Fluorophenol
Concen: 149.93 ng
RT: 5.29 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Tgt Ion:112 Resp: 661169
Ion Ratio Lower Upper
112 100
64 53.6 46.0 69.0
63 25.8 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 152.03 ng

RT: 6.97 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF095754.D

Acq: 7 Jun 2017 19:31

Instrument :

BNA_F

ClientSampled :

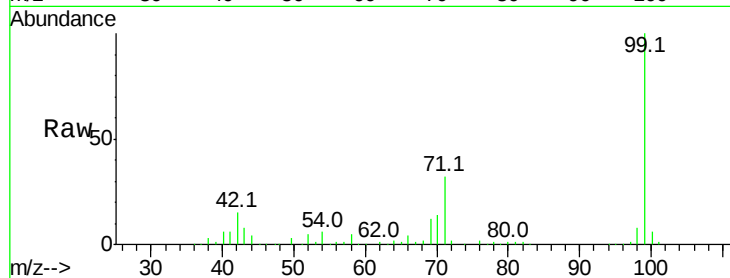
Tot Ion: 99 Resp: 802608

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

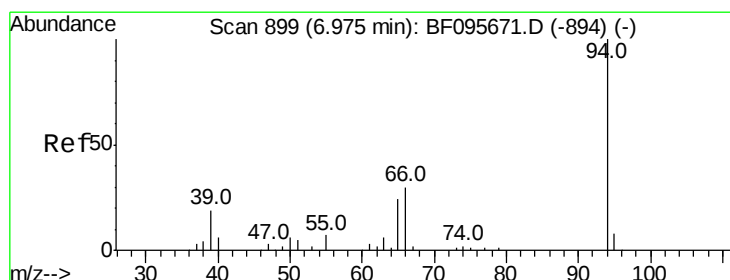
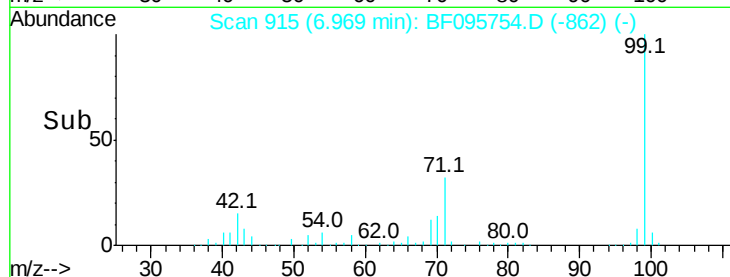
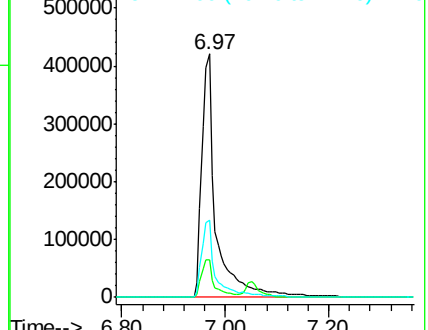
71 31.8 24.5 36.7



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



#10

Phenol

Concen: 2.66 ng

RT: 6.98 min Scan# 917

Delta R.T. 0.01 min

Lab File: BF095754.D

Acq: 7 Jun 2017 19:31

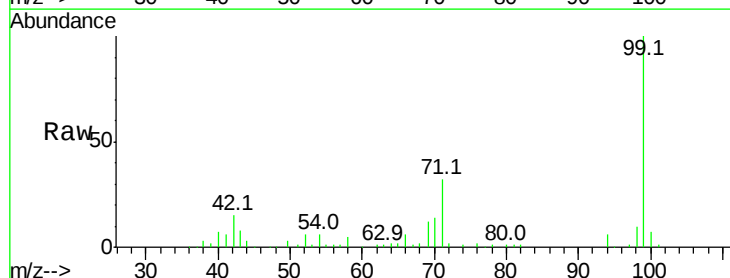
Tgt Ion: 94 Resp: 14585

Ion Ratio Lower Upper

94 100

65 33.0 9.9 49.9

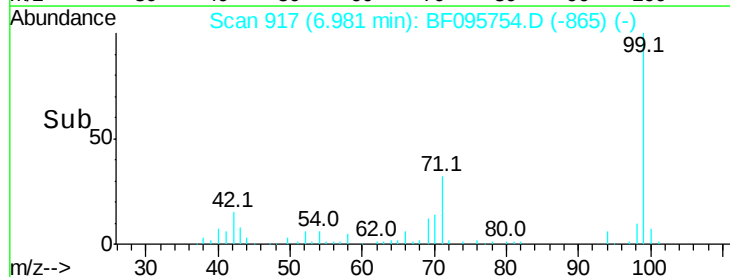
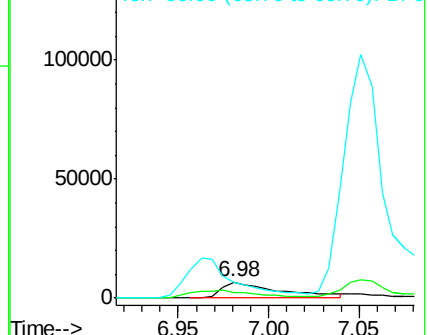
66 96.8 23.1 63.1#

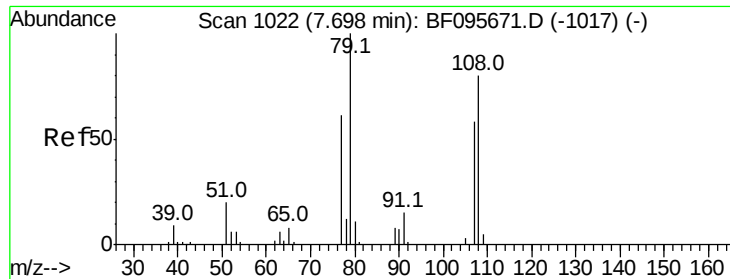


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

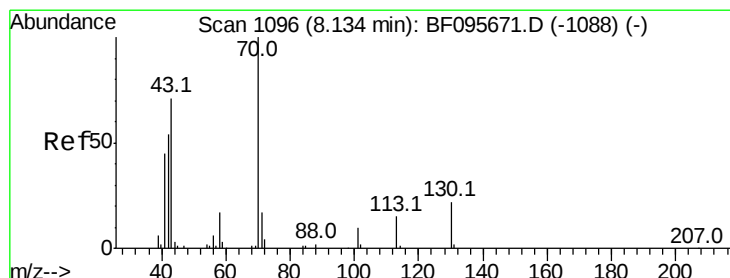
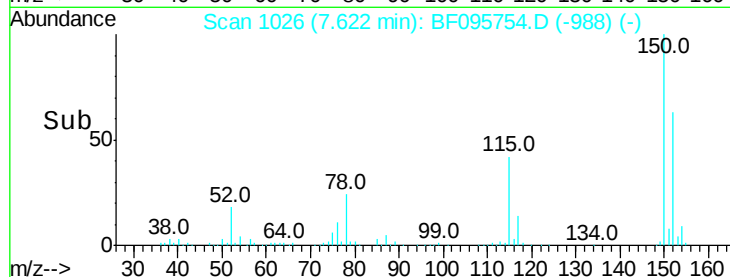
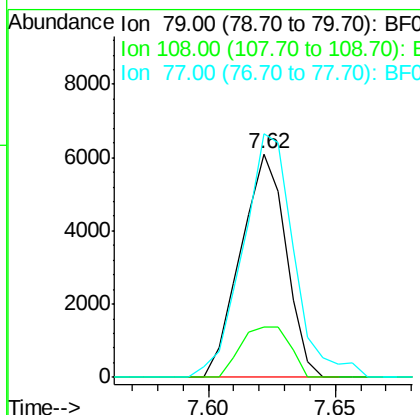
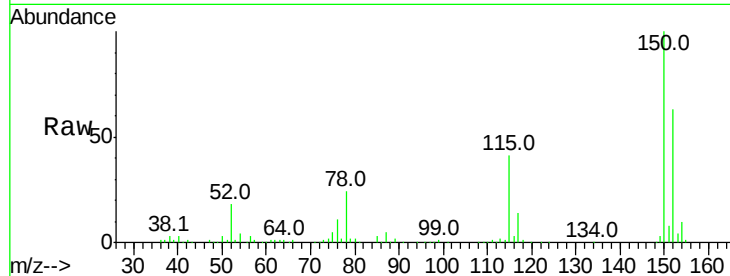




#15
Benzyl Alcohol
Concen: 2.10 ng
RT: 7.62 min Scan# 1026
Delta R.T. -0.08 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

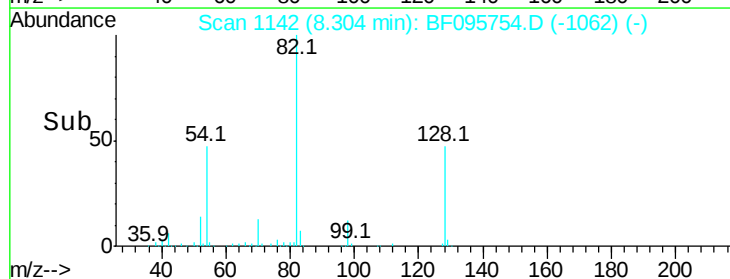
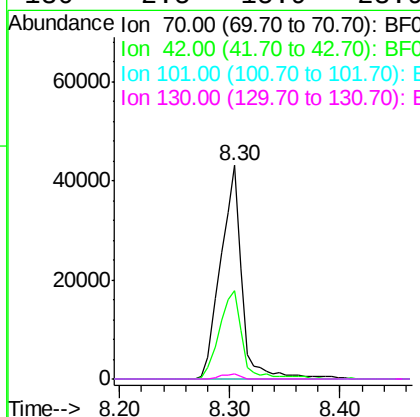
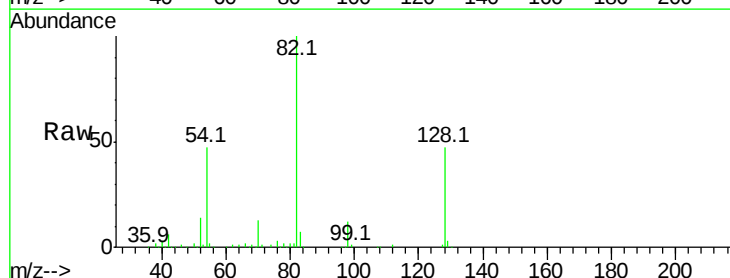
Instrument :
BNA_F
ClientSampleId :

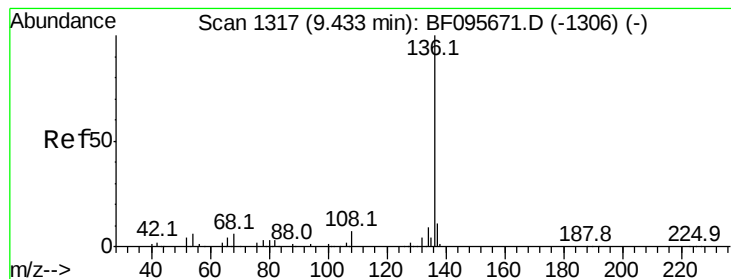
Tot Ion: 79 Resp: 7621
Ion Ratio Lower Upper
79 100
108 22.7 63.4 95.0#
77 109.0 49.2 73.8#



#19
n-Nitroso-di-n-propylamine
Concen: 17.36 ng
RT: 8.30 min Scan# 1142
Delta R.T. 0.17 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Tgt Ion: 70 Resp: 58090
Ion Ratio Lower Upper
70 100
42 41.5 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: 9.42 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF095754.D

Acq: 7 Jun 2017 19:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 283096

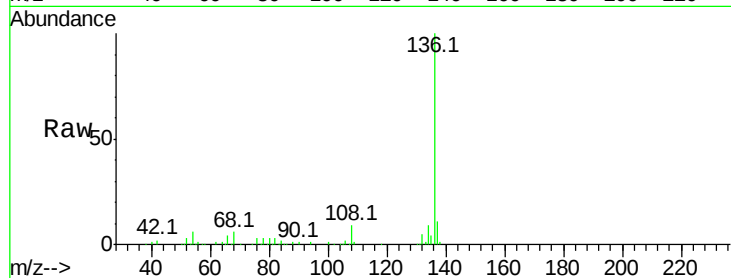
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.4 4.9 7.3

68 5.8 4.1 6.1

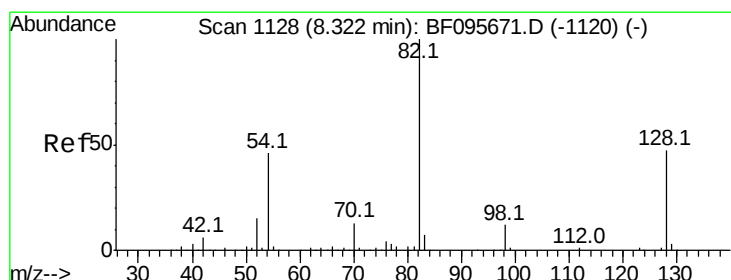
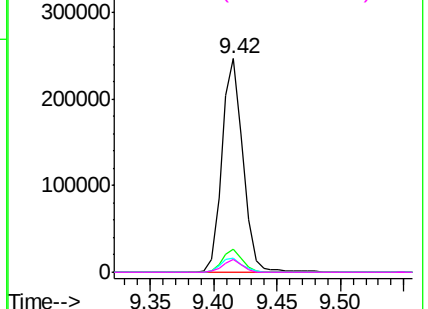
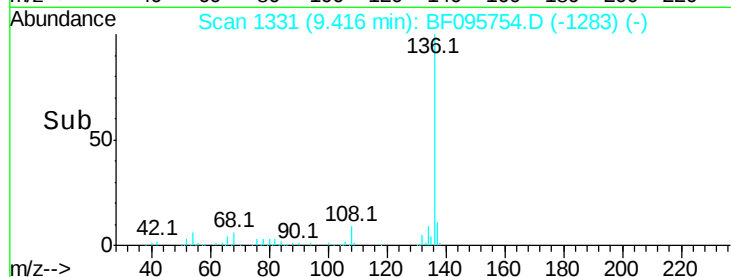


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 100.16 ng

RT: 8.30 min Scan# 1142

Delta R.T. -0.02 min

Lab File: BF095754.D

Acq: 7 Jun 2017 19:31

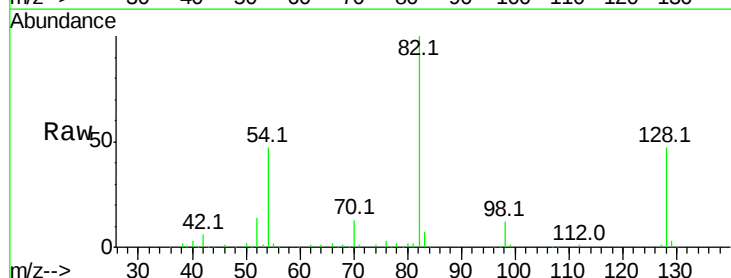
Tgt Ion: 82 Resp: 456544

Ion Ratio Lower Upper

82 100

128 46.6 34.0 51.0

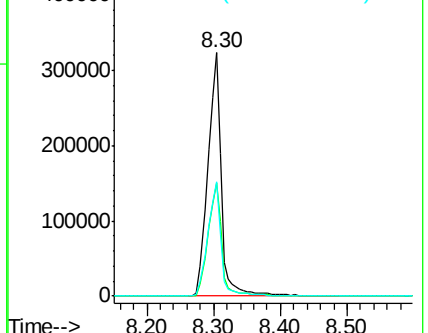
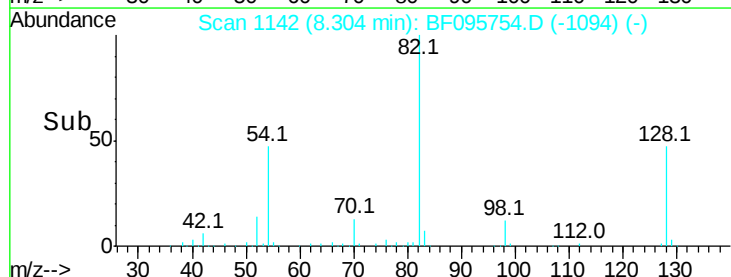
54 46.9 42.2 63.2

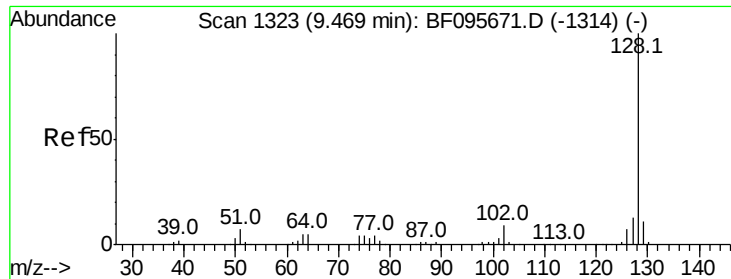


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

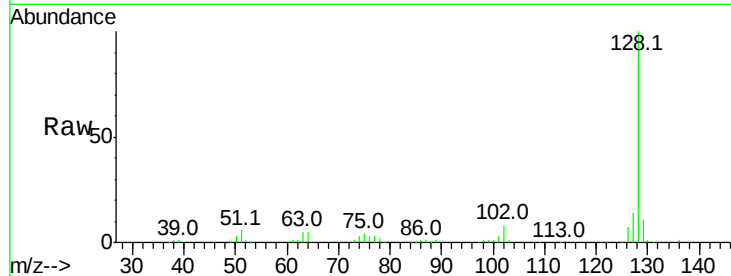




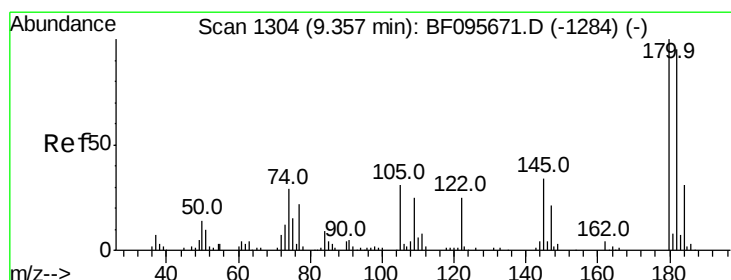
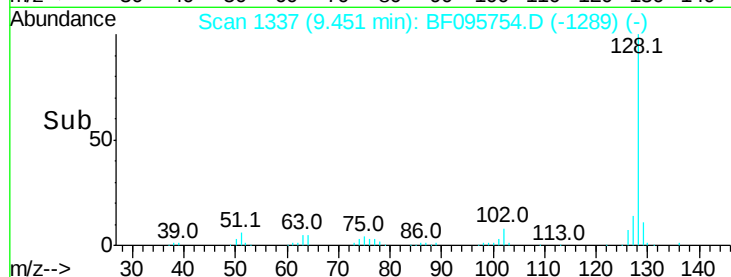
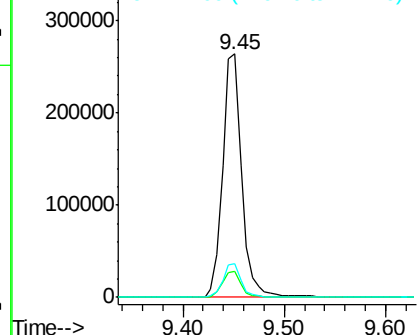
#31
Naphthalene
Concen: 24.32 ng
RT: 9.45 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 345461
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.6 10.8 16.2

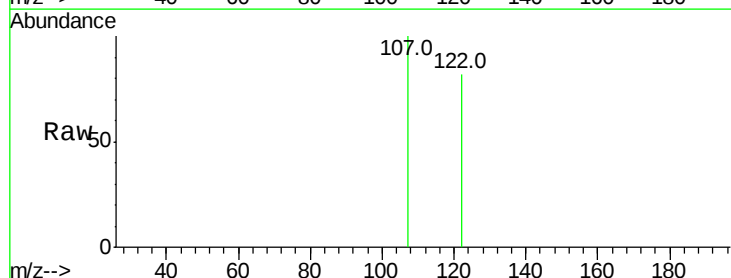


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

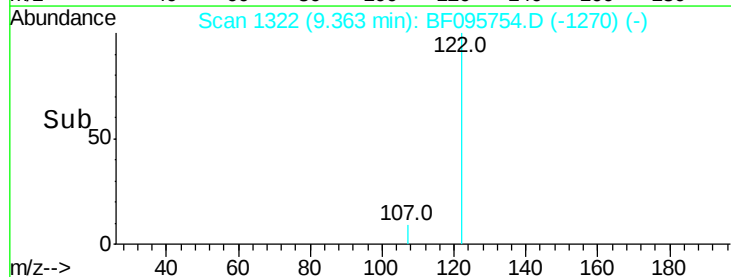
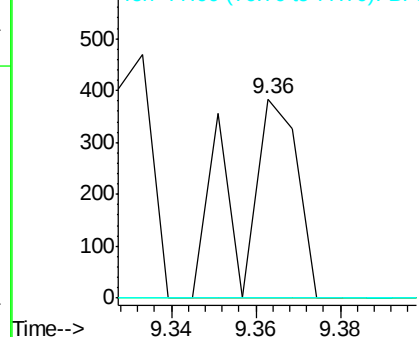


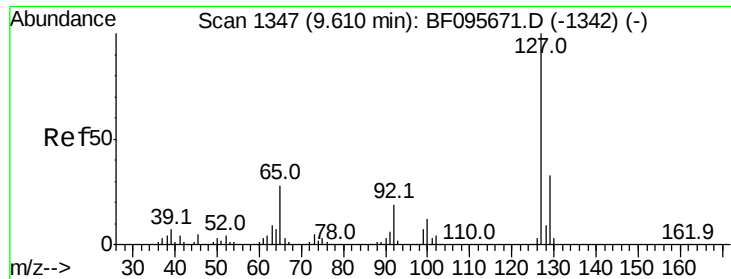
#32
Benzoic acid
Concen: 5.25 ng
RT: 9.36 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Tgt Ion:122 Resp: 376
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 0.0 73.7 113.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

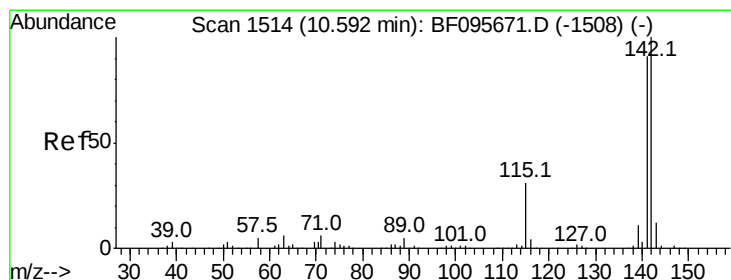
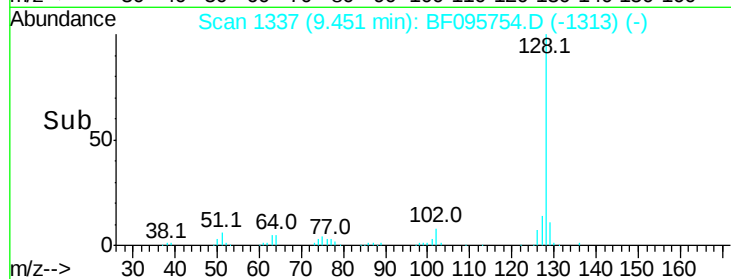
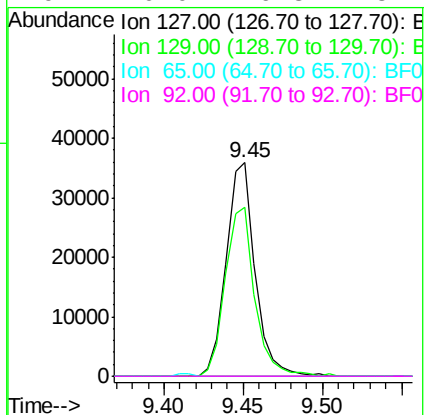
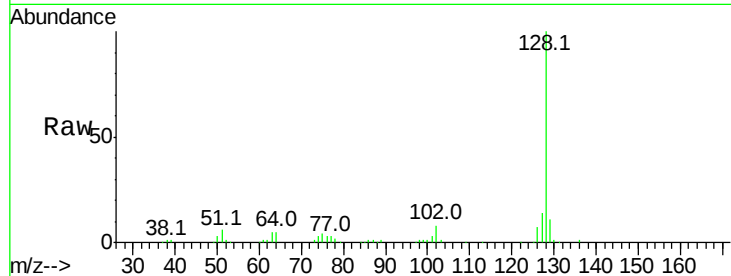




#33
 4-Chloroaniline
 Concen: 8.19 ng
 RT: 9.45 min Scan# 1337
 Delta R.T. -0.16 min
 Lab File: BF095754.D
 Acq: 7 Jun 2017 19:31

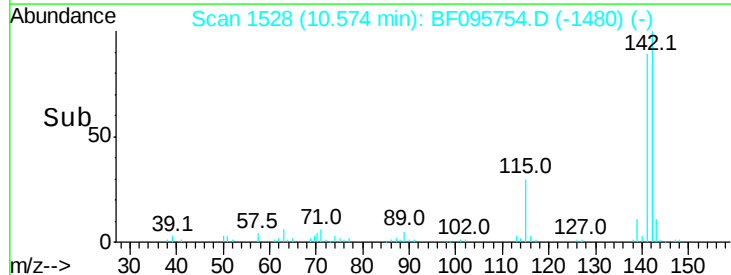
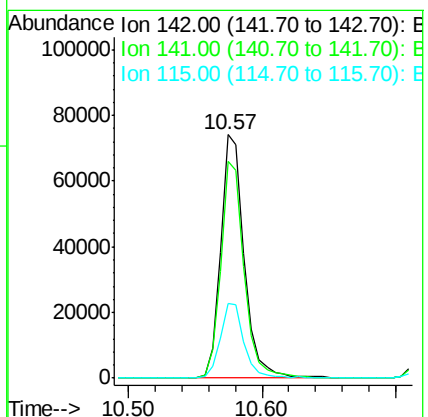
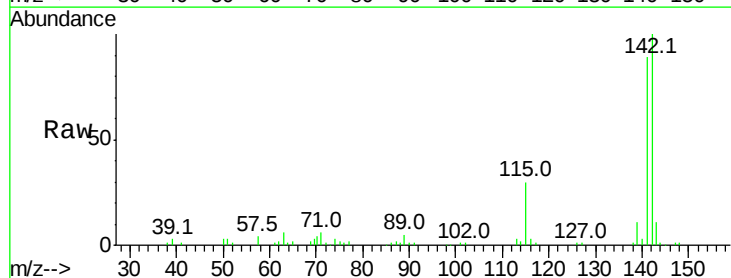
Instrument :
 BNA_F
 ClientSampleId :

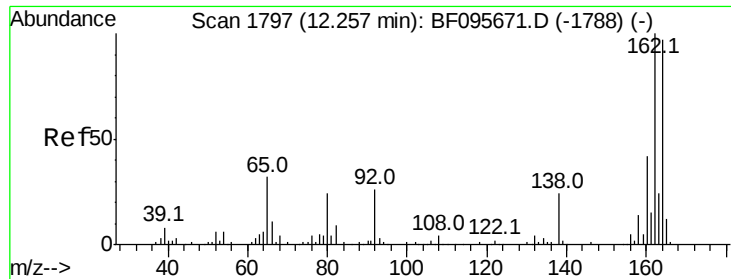
Tot Ion:127 Resp: 45463
 Ion Ratio Lower Upper
 127 100
 129 79.4 26.2 39.2#
 65 0.0 27.8 41.8#
 92 0.0 16.8 25.2#



#37
 2-Methylnaphthalene
 Concen: 9.56 ng
 RT: 10.57 min Scan# 1528
 Delta R.T. -0.02 min
 Lab File: BF095754.D
 Acq: 7 Jun 2017 19:31

Tgt Ion:142 Resp: 91754
 Ion Ratio Lower Upper
 142 100
 141 88.9 71.3 106.9
 115 30.5 27.1 40.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.24 min Scan# 1811

Delta R.T. -0.02 min

Lab File: BF095754.D

Acq: 7 Jun 2017 19:31

Instrument :

BNA_F

ClientSampleId :

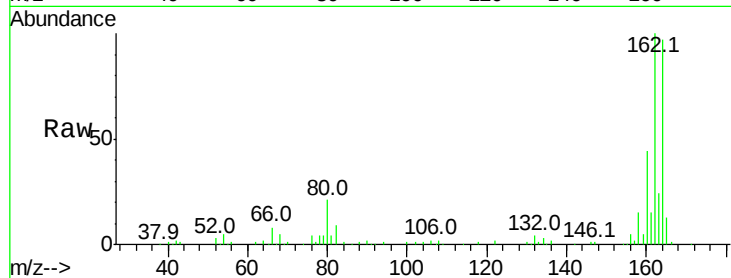
Tot Ion:164 Resp: 115472

Ion Ratio Lower Upper

164 100

162 103.2 82.6 123.8

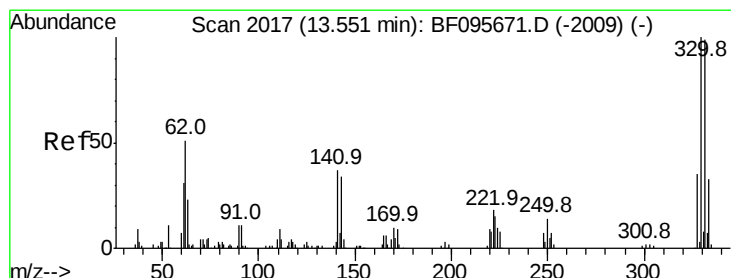
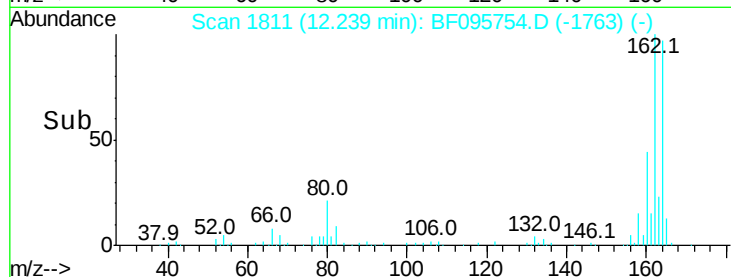
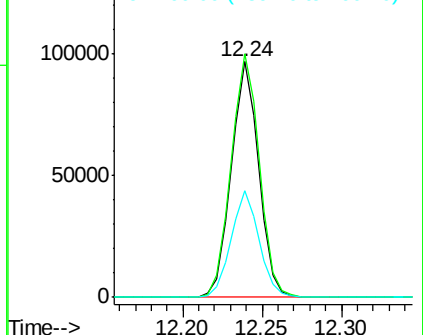
160 45.3 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 124.78 ng

RT: 13.54 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF095754.D

Acq: 7 Jun 2017 19:31

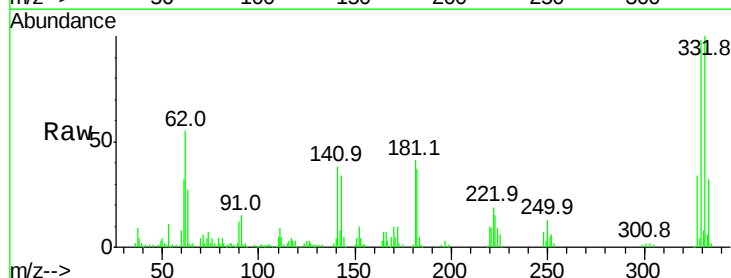
Tgt Ion:330 Resp: 127482

Ion Ratio Lower Upper

330 100

332 98.4 76.6 115.0

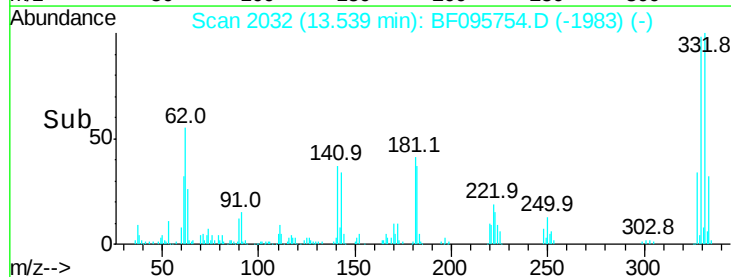
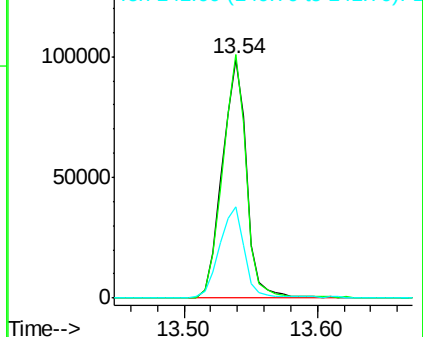
141 39.3 31.4 47.2

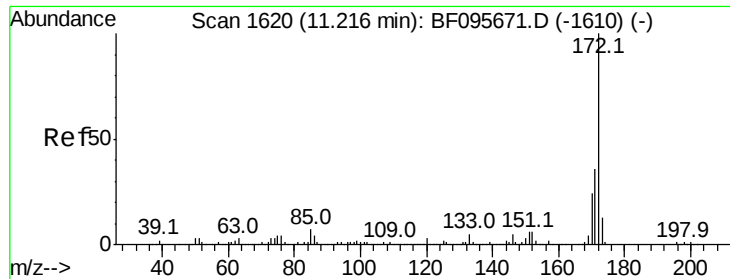


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

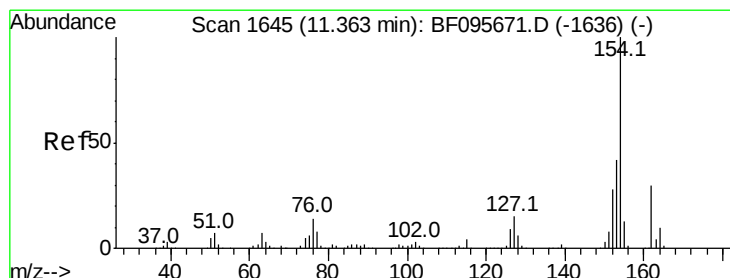
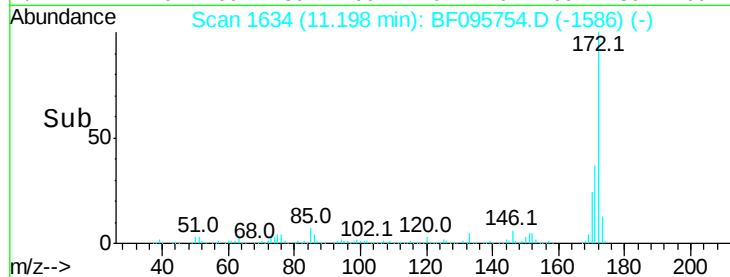
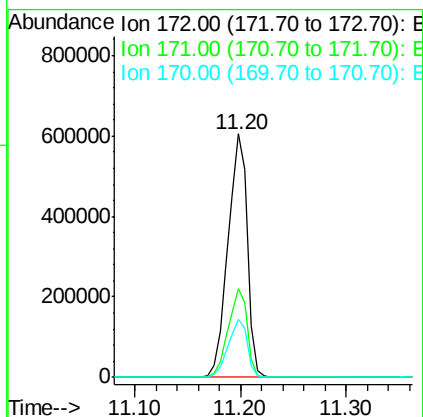
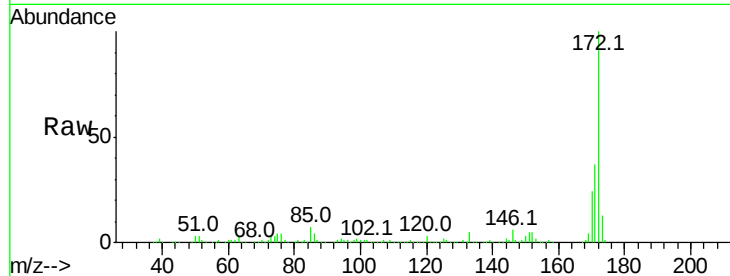




#44
2-Fluorobiphenyl
Concen: 91.64 ng
RT: 11.20 min Scan# 1634
Delta R.T. -0.02 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

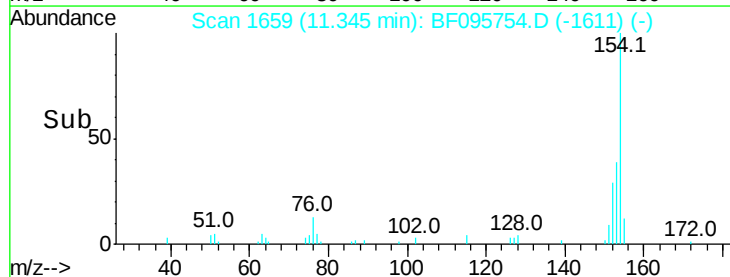
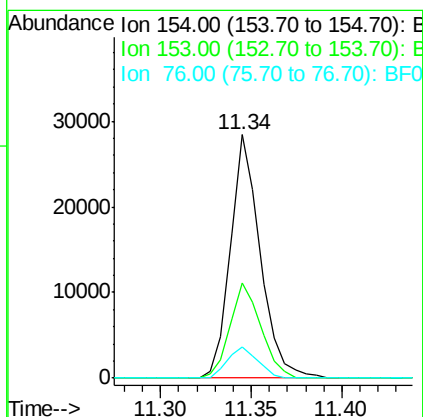
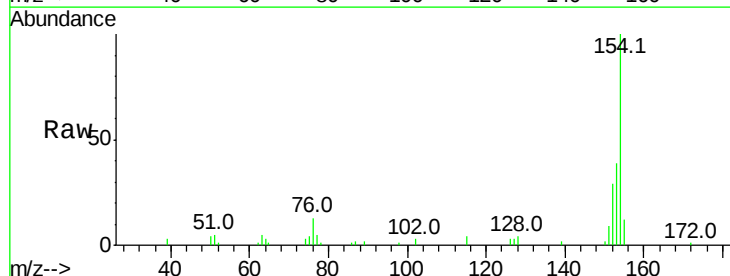
Instrument :
BNA_F
ClientSampleId :

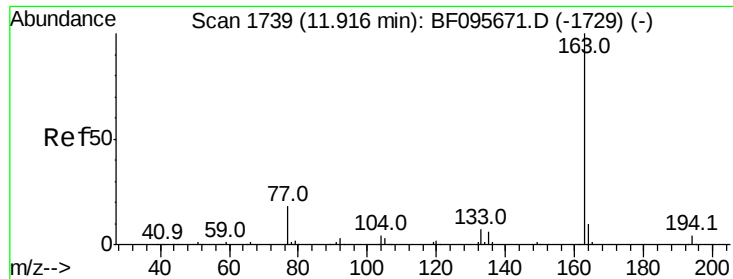
Tot Ion:172 Resp: 760414
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 23.9 19.8 29.8



#45
1,1'-Biphenyl
Concen: 3.42 ng
RT: 11.34 min Scan# 1659
Delta R.T. -0.02 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Tgt Ion:154 Resp: 32589
Ion Ratio Lower Upper
154 100
153 39.1 21.2 61.2
76 12.7 0.0 29.9





#49

Dimethylphthalate

Concen: 20.67 ng

RT: 11.89 min Scan# 1752

Delta R.T. -0.02 min

Lab File: BF095754.D

Acq: 7 Jun 2017 19:31

Instrument :

BNA_F

ClientSampleId :

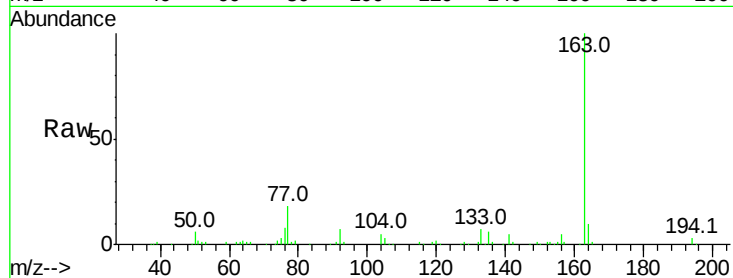
Tot Ion:163 Resp: 181240

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

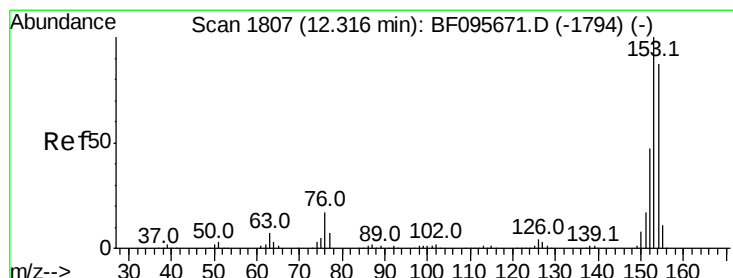
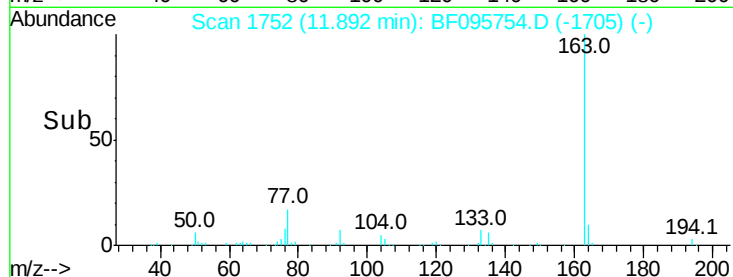
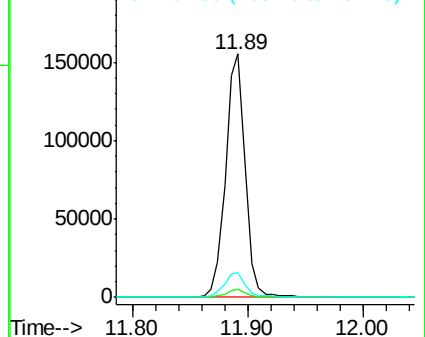
164 10.3 8.4 12.6



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: 58.99 ng

RT: 12.30 min Scan# 1821

Delta R.T. -0.02 min

Lab File: BF095754.D

Acq: 7 Jun 2017 19:31

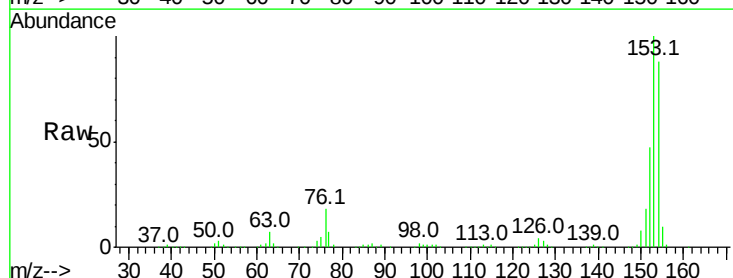
Tgt Ion:154 Resp: 433194

Ion Ratio Lower Upper

154 100

153 113.6 90.5 135.7

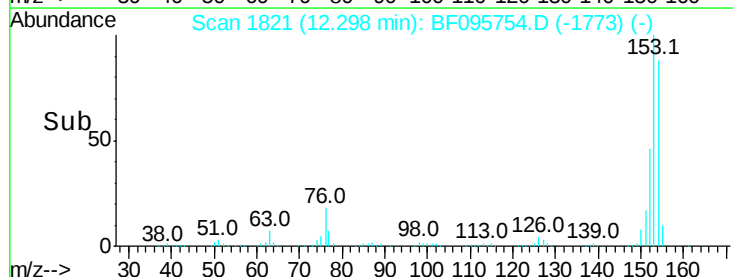
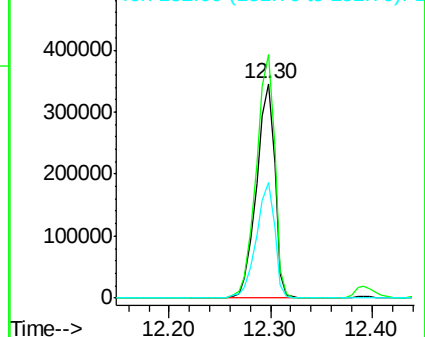
152 53.7 43.6 65.4

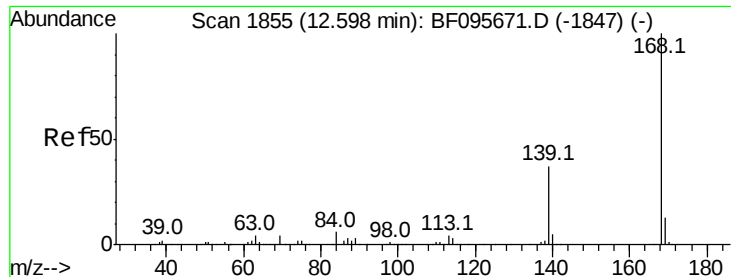


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzenofuran

Concen: 26.16 ng

RT: 12.58 min Scan# 1869

Delta R.T. -0.02 min

Lab File: BF095754.D

Acq: 7 Jun 2017 19:31

Instrument :

BNA_F

ClientSampleId :

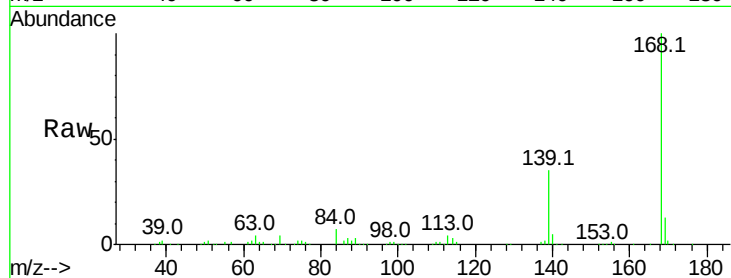
Tot Ion:168 Resp: 270366

Ion Ratio Lower Upper

168 100

139 35.3 30.6 45.8

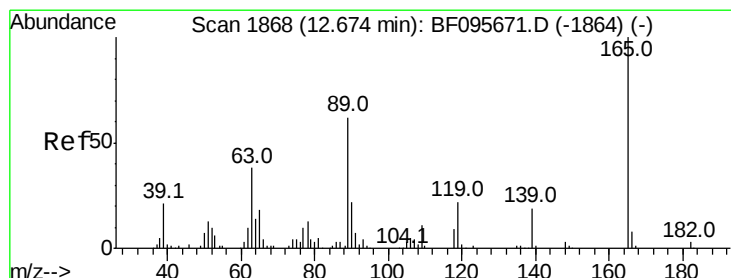
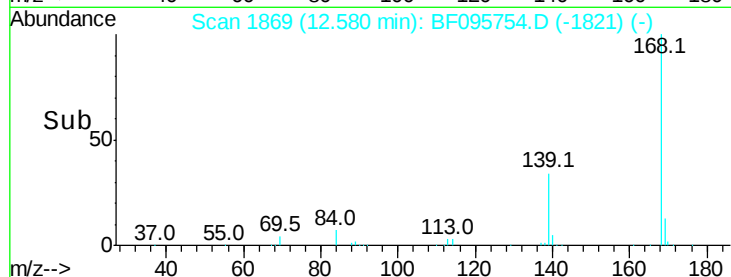
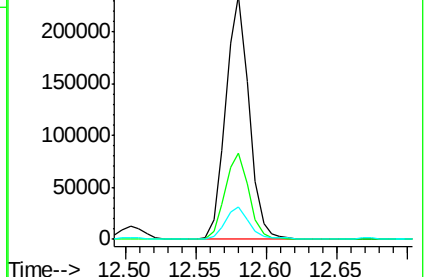
169 13.1 10.8 16.2



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: 75.52 ng

RT: 12.58 min Scan# 1869

Delta R.T. -0.09 min

Lab File: BF095754.D

Acq: 7 Jun 2017 19:31

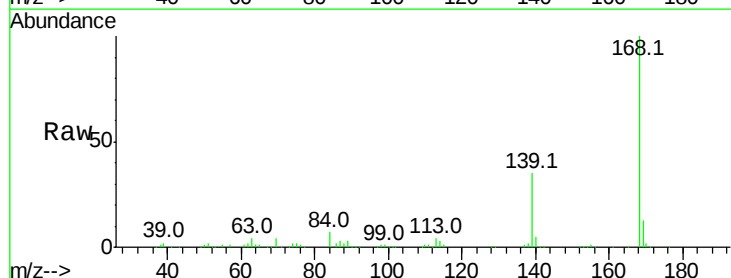
Tgt Ion:139 Resp: 97878

Ion Ratio Lower Upper

139 100

109 0.6 34.1 74.1#

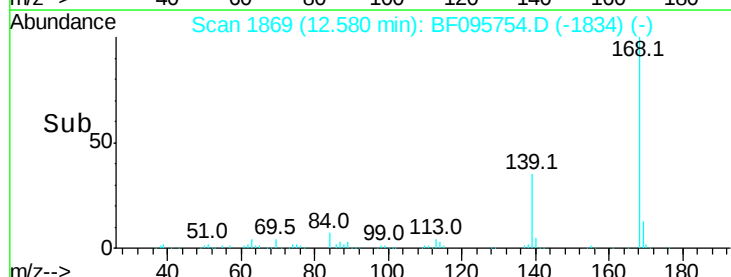
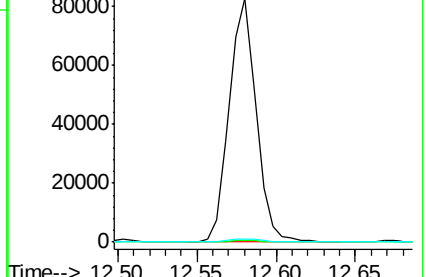
65 1.4 31.4 71.4#

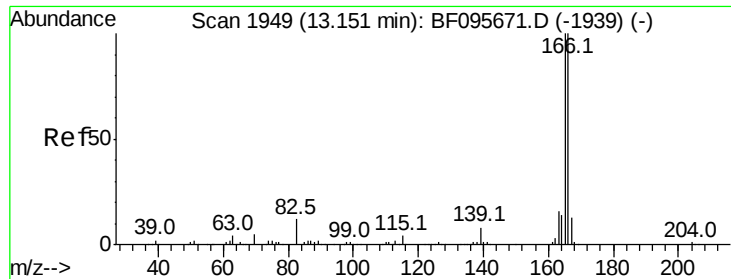


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



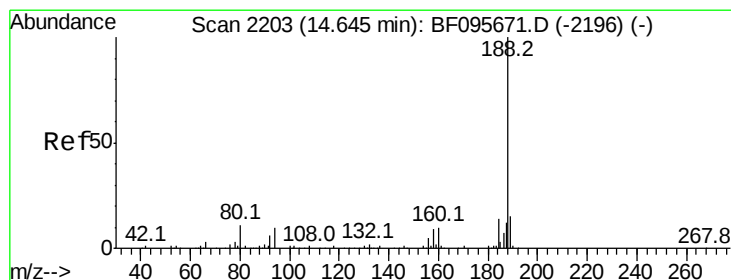
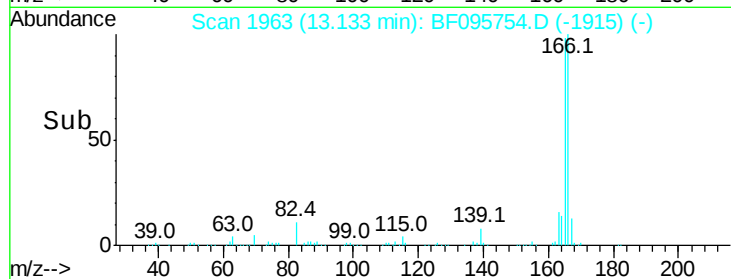
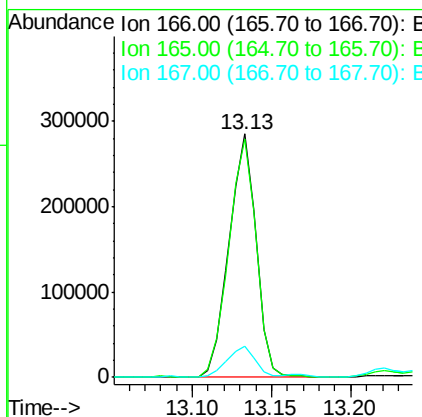
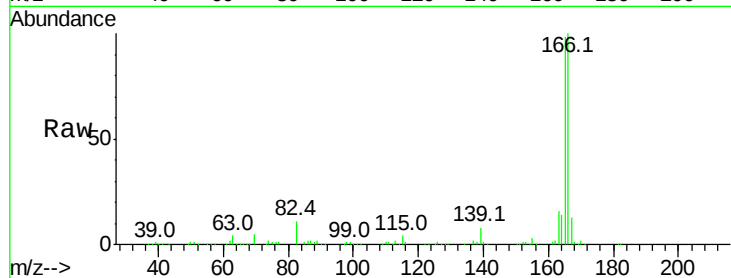


#57
 Fluorene
 Concen: 37.75 ng
 RT: 13.13 min Scan# 1963
 Delta R.T. -0.02 min
 Lab File: BF095754.D
 Acq: 7 Jun 2017 19:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 339577

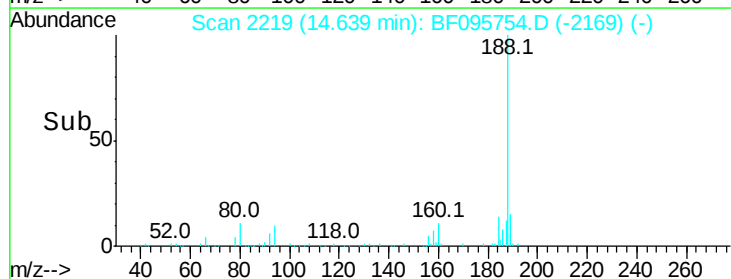
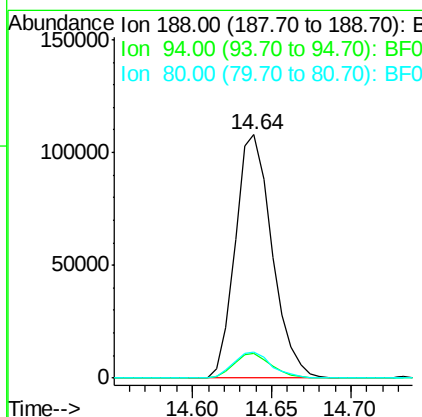
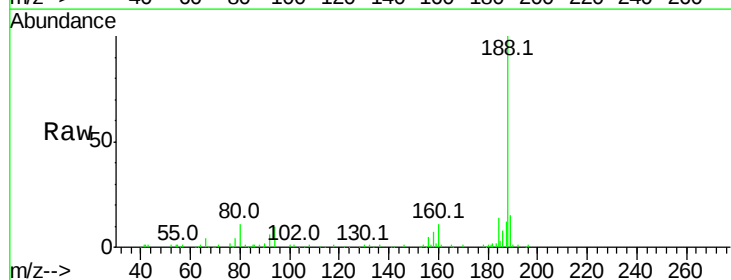
Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.8	118.2
167	12.8	10.6	16.0

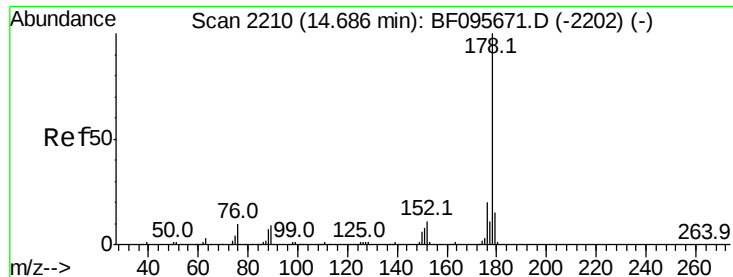


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.64 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BF095754.D
 Acq: 7 Jun 2017 19:31

Tgt Ion:188 Resp: 172995

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.4	14.2
80	10.7	10.2	15.2





#70

Phenanthrene

Concen: 223.75 ng

RT: 14.70 min Scan# 2229

Delta R.T. 0.01 min

Lab File: BF095754.D

Acq: 7 Jun 2017 19:31

Instrument :

BNA_F

ClientSampled :

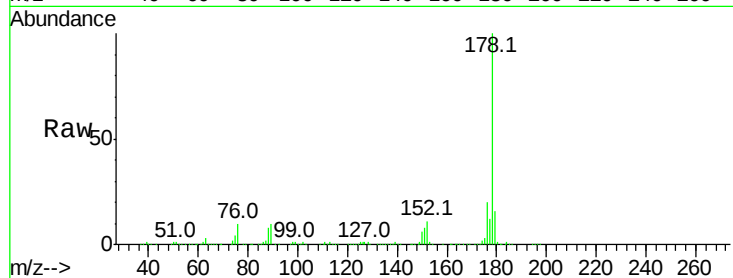
Tot Ion:178 Resp: 2233435

Ion Ratio Lower Upper

178 100

176 19.5 16.2 24.4

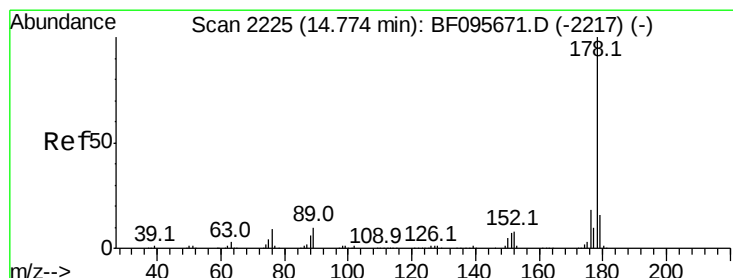
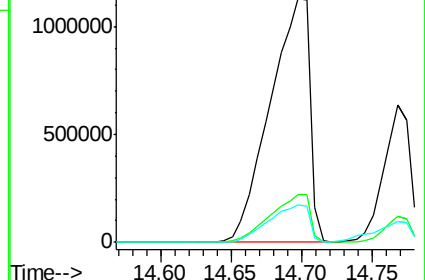
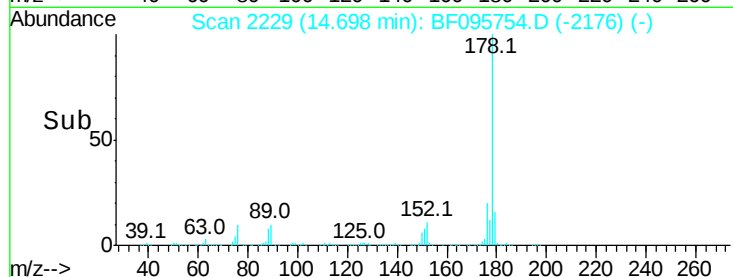
179 15.6 12.6 19.0



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: 78.80 ng

RT: 14.77 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF095754.D

Acq: 7 Jun 2017 19:31

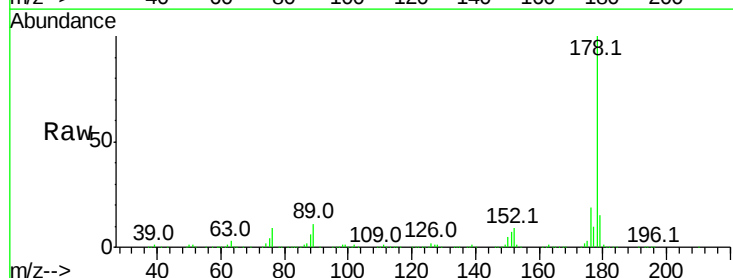
Tgt Ion:178 Resp: 821166

Ion Ratio Lower Upper

178 100

176 18.7 15.8 23.8

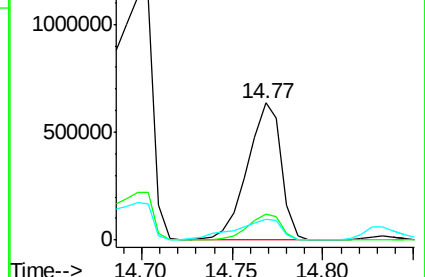
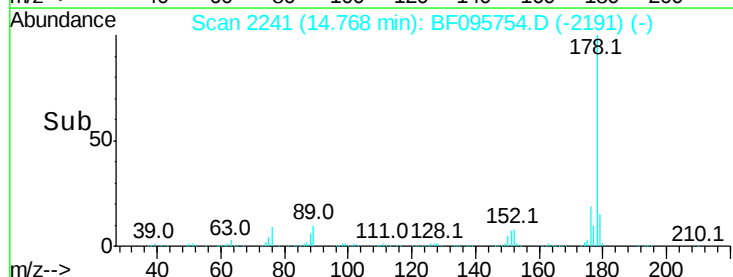
179 15.4 12.7 19.1

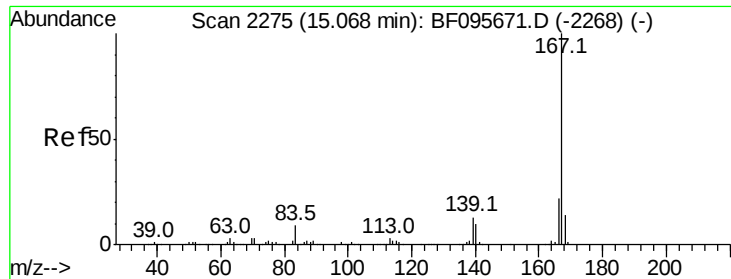


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 35.35 ng

RT: 15.06 min Scan# 2290

Delta R.T. -0.01 min

Lab File: BF095754.D

Acq: 7 Jun 2017 19:31

Instrument :

BNA_F

ClientSampleId :

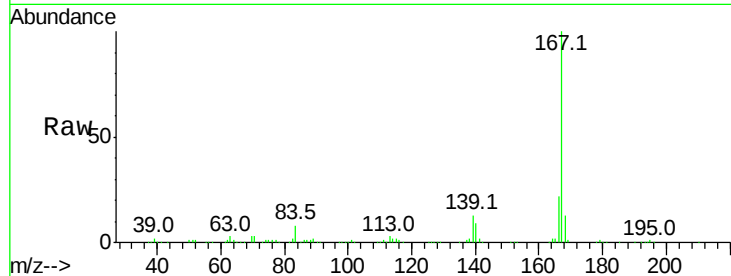
Tot Ion:167 Resp: 358936

Ion Ratio Lower Upper

167 100

166 21.8 18.1 27.1

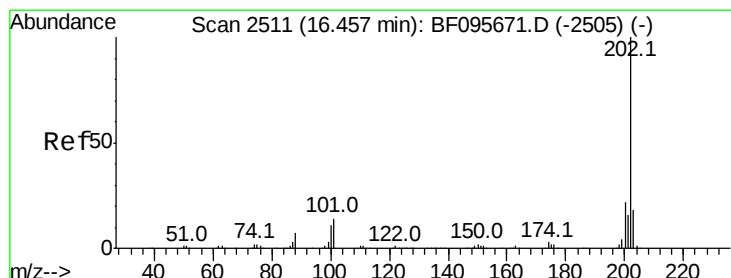
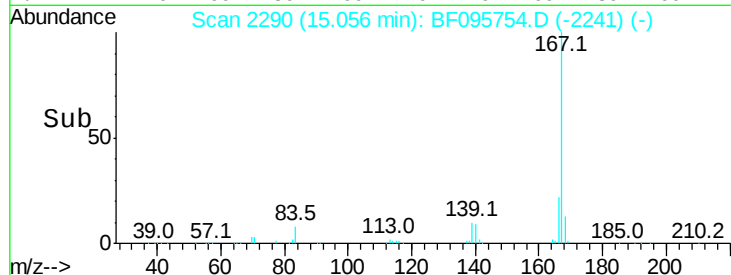
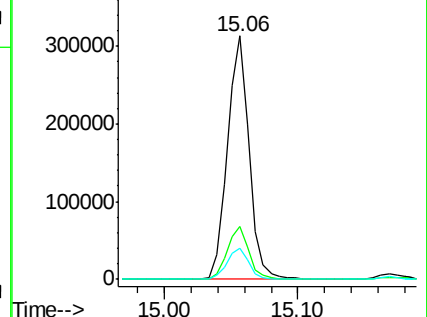
139 12.8 11.7 17.5



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: 230.01 ng

RT: 16.48 min Scan# 2532

Delta R.T. 0.02 min

Lab File: BF095754.D

Acq: 7 Jun 2017 19:31

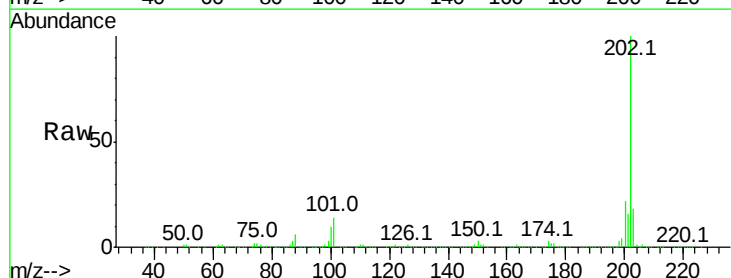
Tgt Ion:202 Resp: 2272424

Ion Ratio Lower Upper

202 100

101 13.5 0.0 33.2

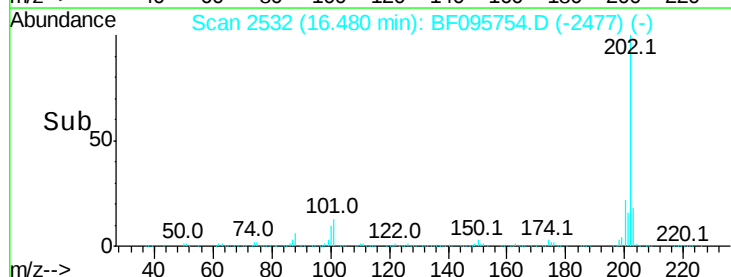
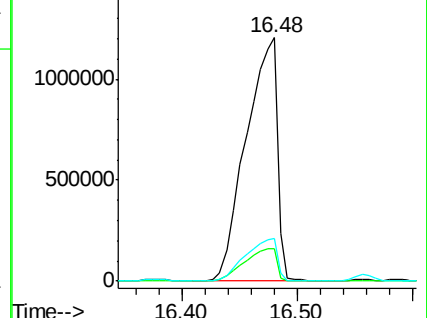
203 17.8 0.0 38.1

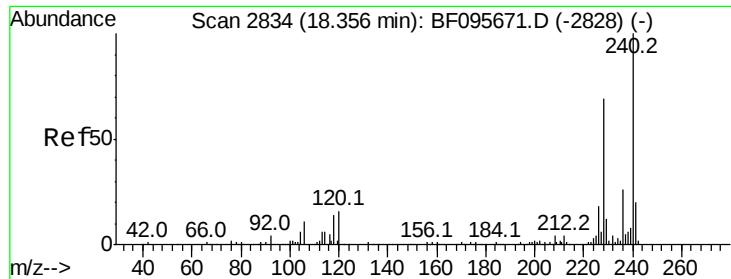


Abundance Ion 202.00 (201.70 to 202.70): E

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: 18.36 min Scan# 2852

Delta R.T. 0.01 min

Lab File: BF095754.D

Acq: 7 Jun 2017 19:31

Instrument :

BNA_F

ClientSampleId :

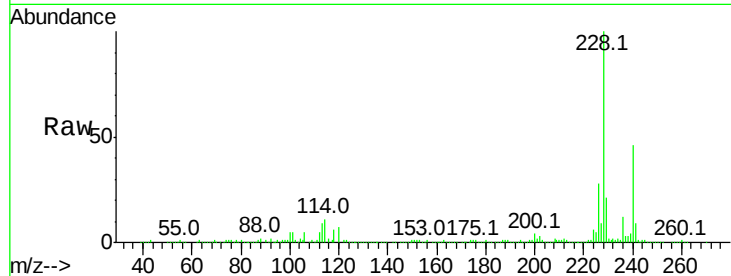
Tot Ion:240 Resp: 124927

Ion Ratio Lower Upper

240 100

120 14.7 5.8 8.8#

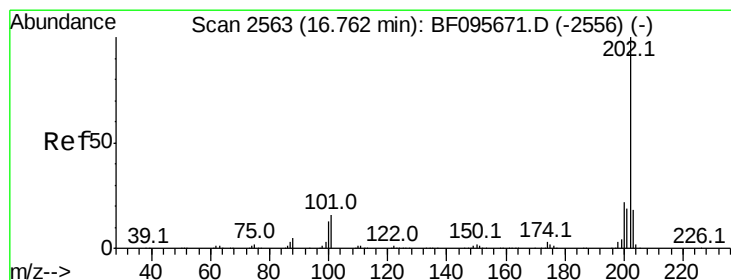
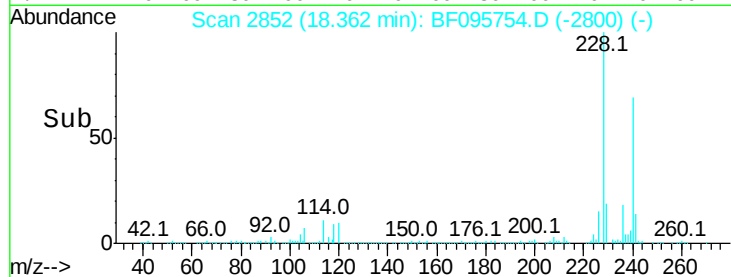
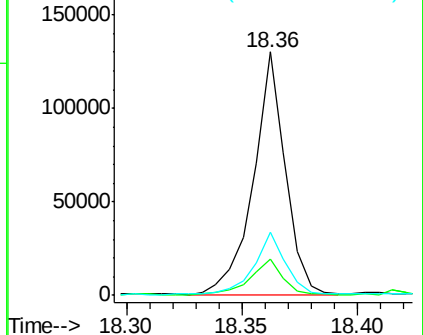
236 25.9 20.5 30.7



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: 202.73 ng

RT: 16.78 min Scan# 2583

Delta R.T. 0.02 min

Lab File: BF095754.D

Acq: 7 Jun 2017 19:31

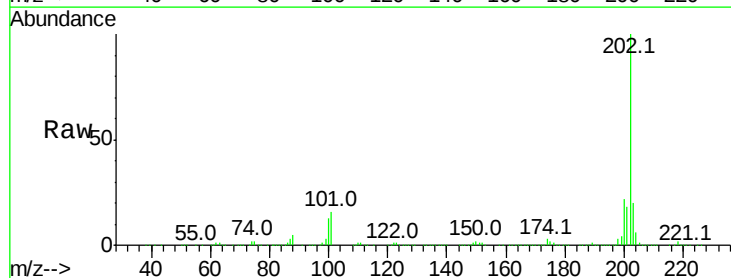
Tgt Ion:202 Resp: 1889729

Ion Ratio Lower Upper

202 100

200 21.6 17.6 26.4

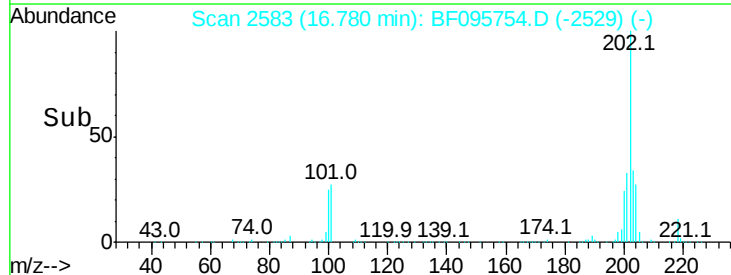
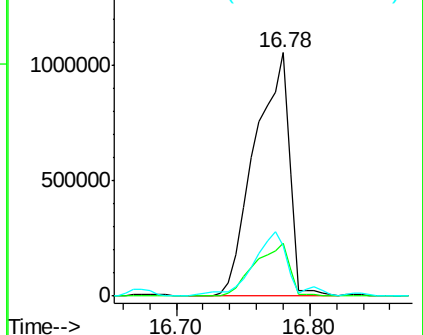
203 20.5 14.4 21.6

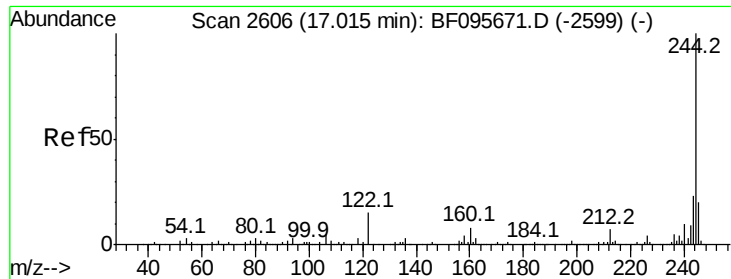


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

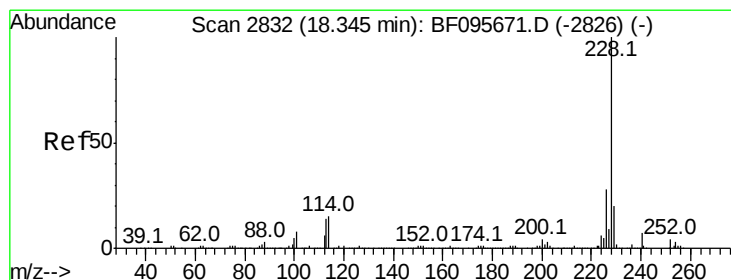
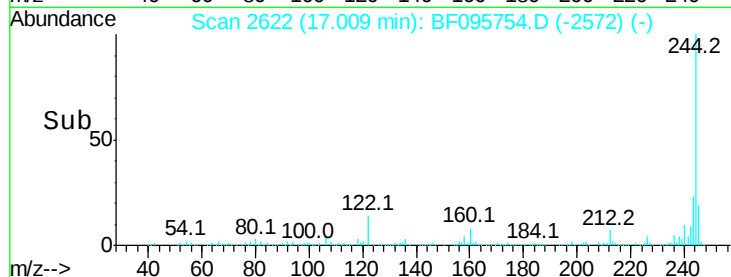
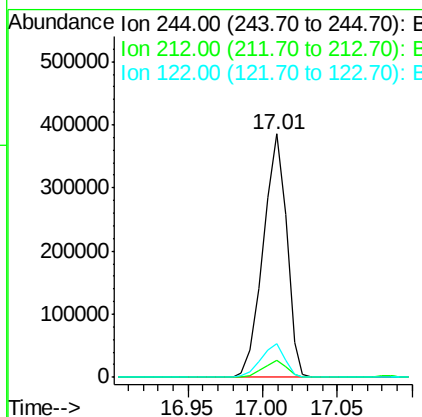
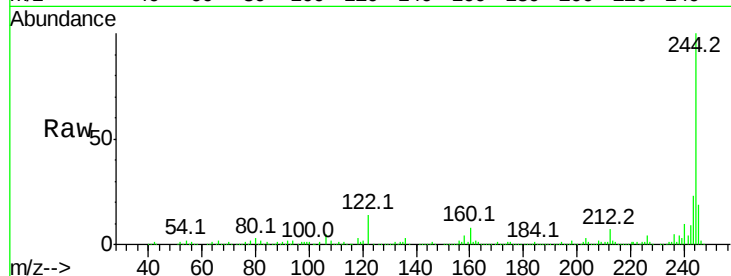




#78
 Terphenyl-d14
 Concen: 83.01 ng
 RT: 17.01 min Scan# 2622
 Delta R.T. -0.01 min
 Lab File: BF095754.D
 Acq: 7 Jun 2017 19:31

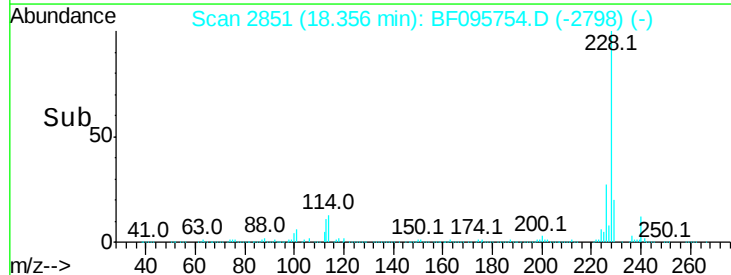
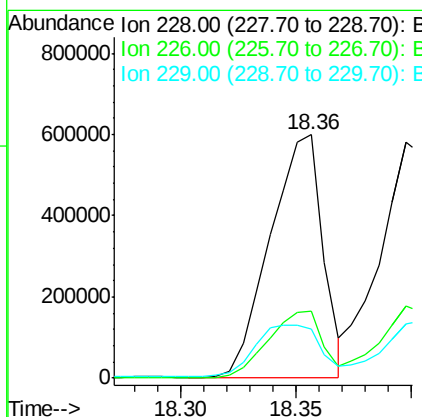
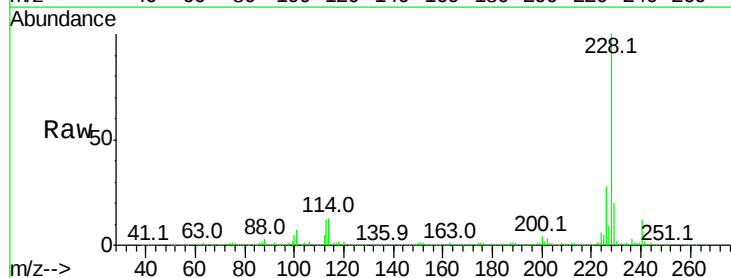
Instrument :
 BNA_F
 ClientSampleId :

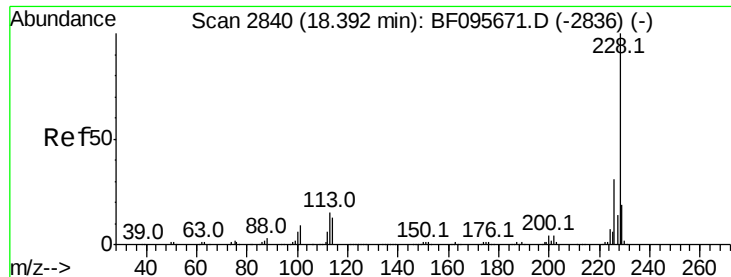
Tot Ion:244 Resp: 417877
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.8 10.3 15.5



#80
 Benzo(a)anthracene
 Concen: 130.20 ng
 RT: 18.36 min Scan# 2851
 Delta R.T. 0.01 min
 Lab File: BF095754.D
 Acq: 7 Jun 2017 19:31

Tgt Ion:228 Resp: 945654
 Ion Ratio Lower Upper
 228 100
 226 27.6 22.6 33.8
 229 20.3 16.3 24.5





#82

Chrysene

Concen: 104.44 ng

RT: 18.40 min Scan# 2858

Delta R.T. 0.01 min

Lab File: BF095754.D

Acq: 7 Jun 2017 19:31

Instrument :

BNA_F

ClientSampleId :

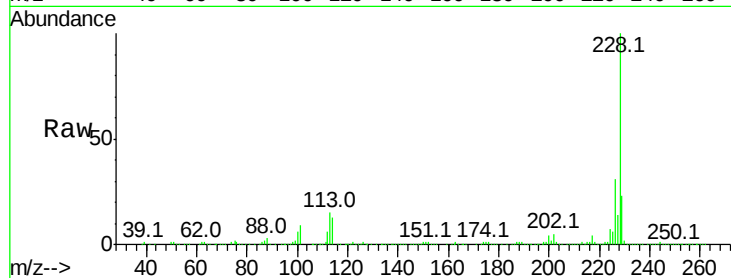
Tot Ion:228 Resp: 758102

Ion Ratio Lower Upper

228 100

226 30.6 24.9 37.3

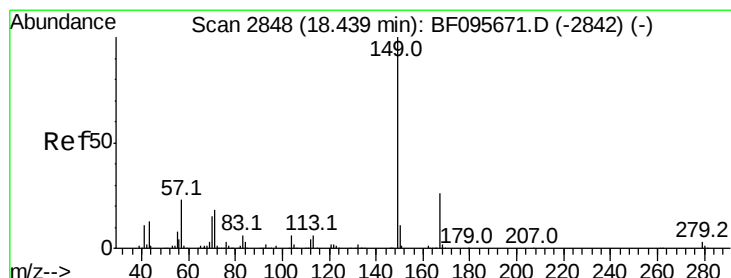
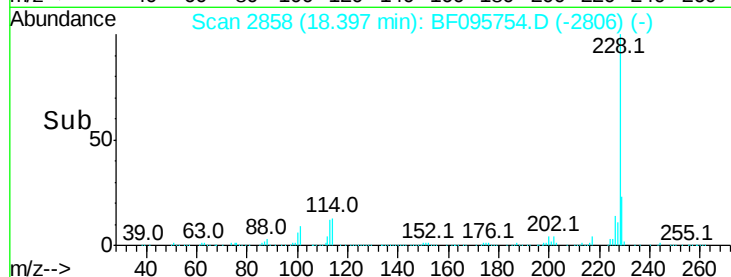
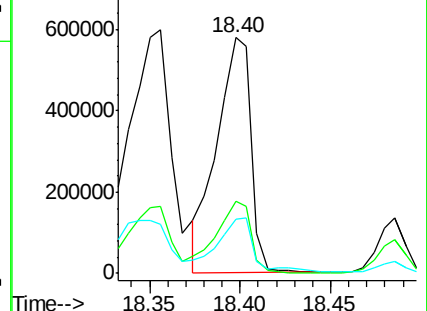
229 23.2 15.8 23.6



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.44 ng

RT: 18.43 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BF095754.D

Acq: 7 Jun 2017 19:31

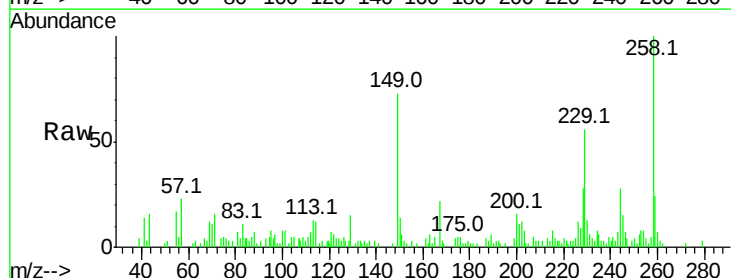
Tgt Ion:149 Resp: 13989

Ion Ratio Lower Upper

149 100

167 30.0 21.0 31.4

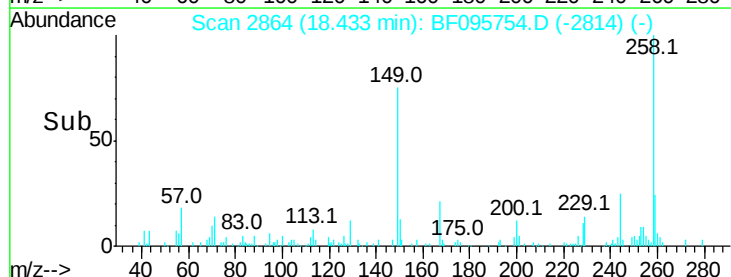
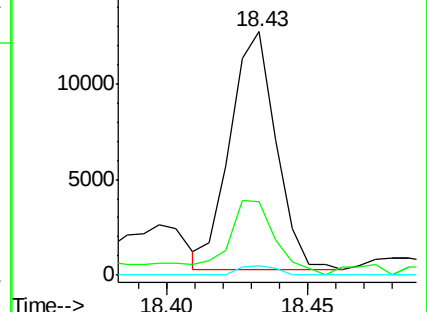
279 3.9 1.9 2.9#

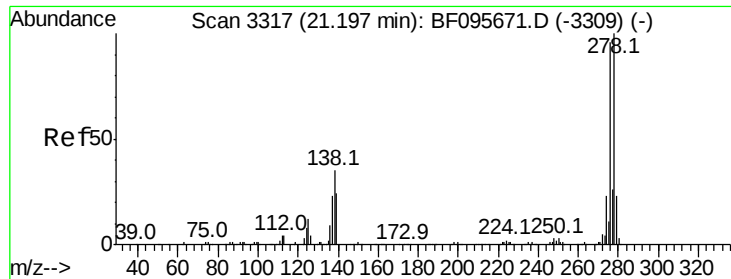


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

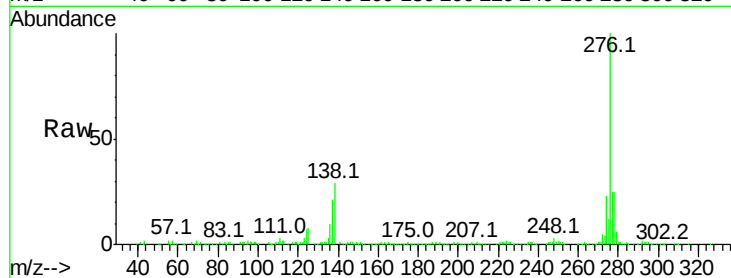




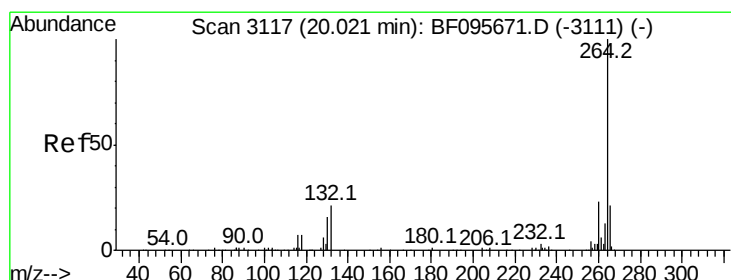
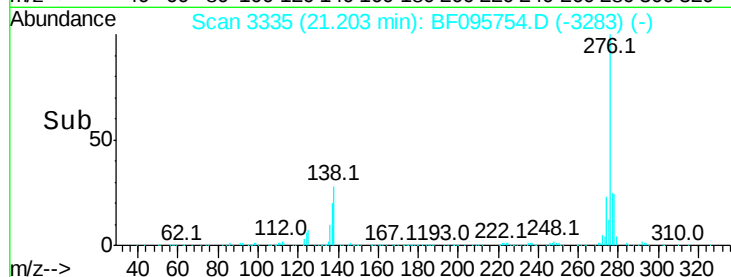
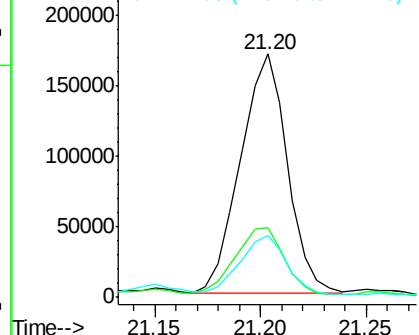
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.85 ng
RT: 21.20 min Scan# 3335
Delta R.T. 0.01 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.9	27.8	41.6
277	25.3	20.2	30.4

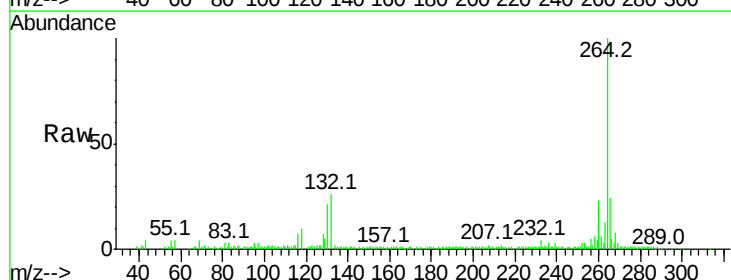


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

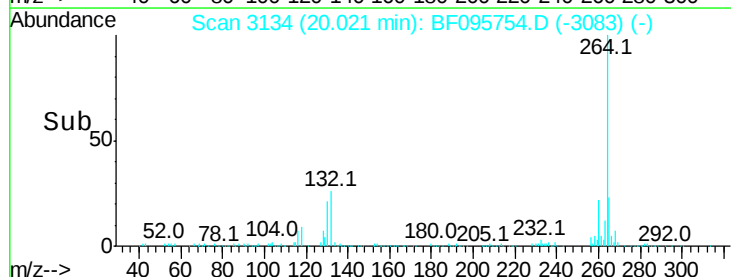
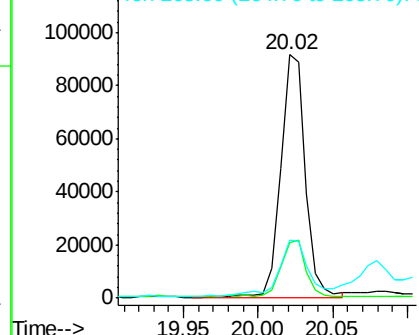


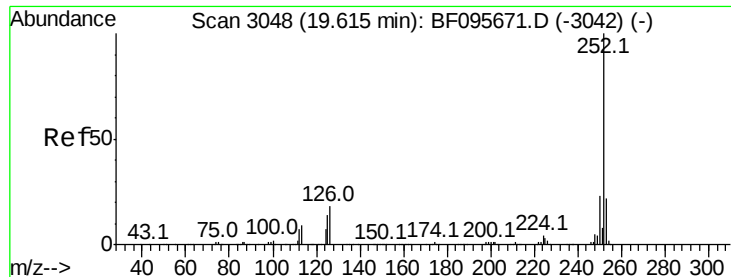
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.02 min Scan# 3134
Delta R.T. -0.00 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	23.7	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: 160.65 ng

RT: 19.63 min Scan# 3067

Delta R.T. 0.01 min

Lab File: BF095754.D

Acq: 7 Jun 2017 19:31

Instrument :

BNA_F

ClientSampleId :

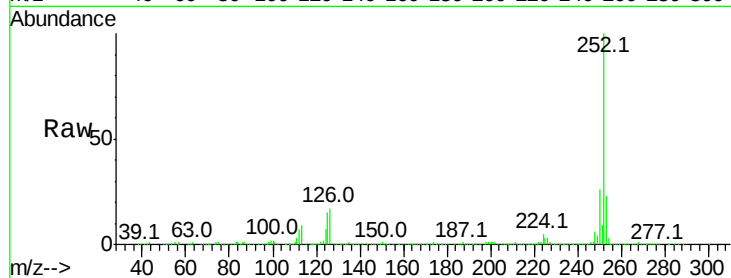
Tot Ion:252 Resp: 1076676

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

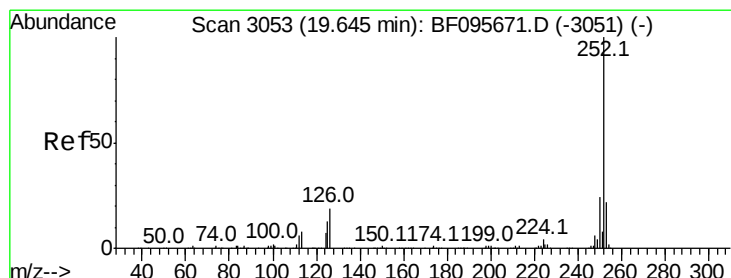
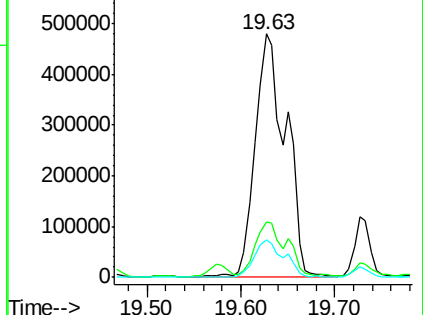
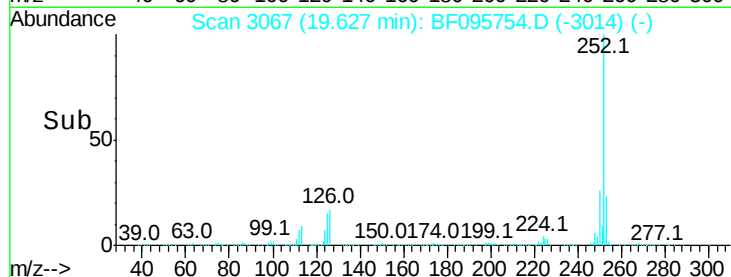
125 15.3 9.8 14.8#



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: 168.08 ng

RT: 19.63 min Scan# 3067

Delta R.T. -0.02 min

Lab File: BF095754.D

Acq: 7 Jun 2017 19:31

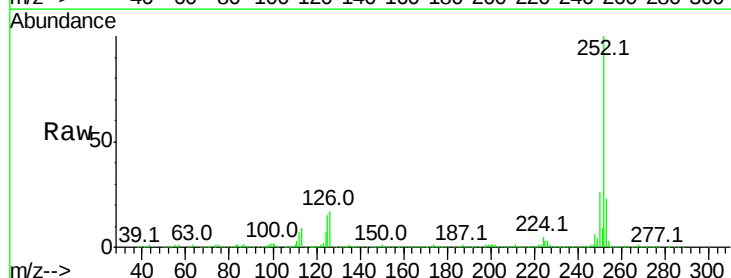
Tgt Ion:252 Resp: 1076676

Ion Ratio Lower Upper

252 100

253 22.8 18.4 27.6

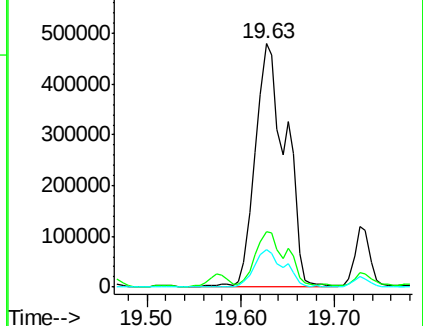
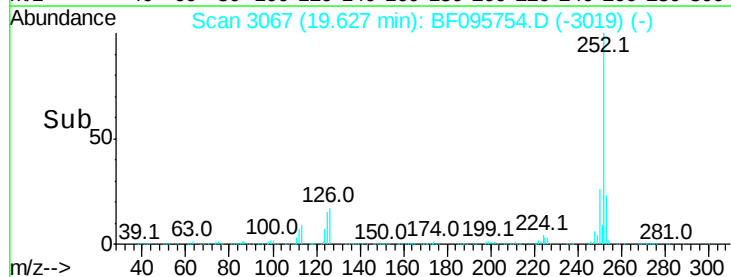
125 15.3 13.1 19.7

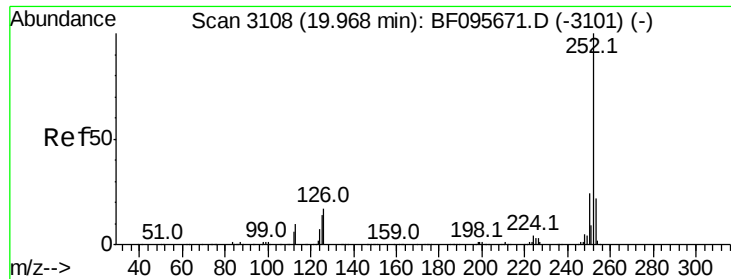


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 94.26 ng

RT: 19.97 min Scan# 3126

Delta R.T. 0.01 min

Lab File: BF095754.D

Acq: 7 Jun 2017 19:31

Instrument :

BNA_F

ClientSampleId :

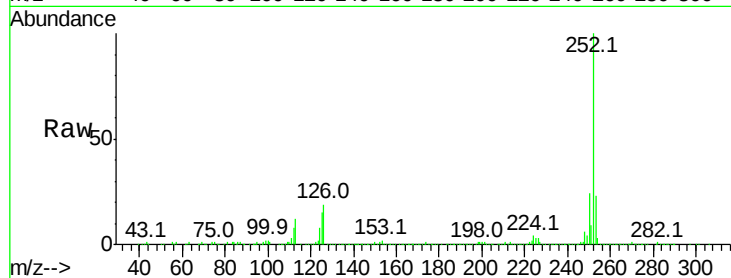
Tot Ion:252 Resp: 580605

Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

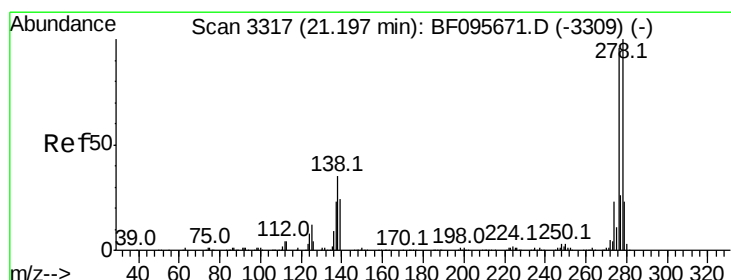
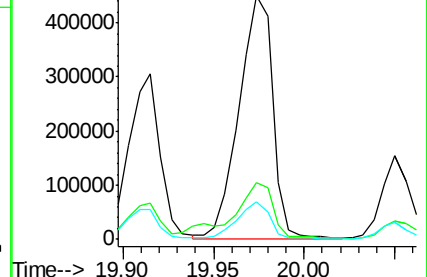
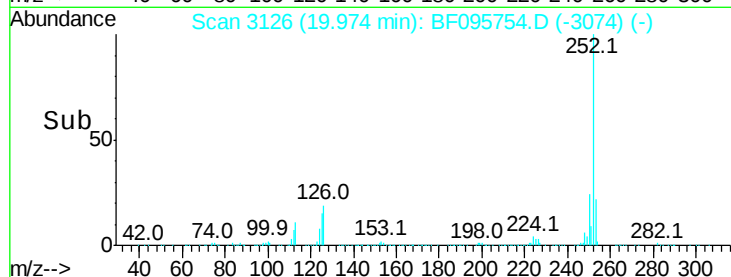
125 15.4 11.0 16.4



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: 5.41 ng

RT: 21.15 min Scan# 3326

Delta R.T. -0.05 min

Lab File: BF095754.D

Acq: 7 Jun 2017 19:31

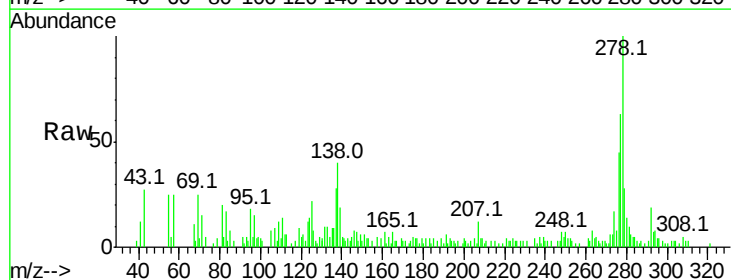
Tgt Ion:278 Resp: 28269

Ion Ratio Lower Upper

278 100

139 18.6 16.6 24.8

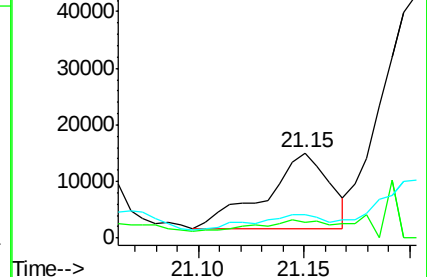
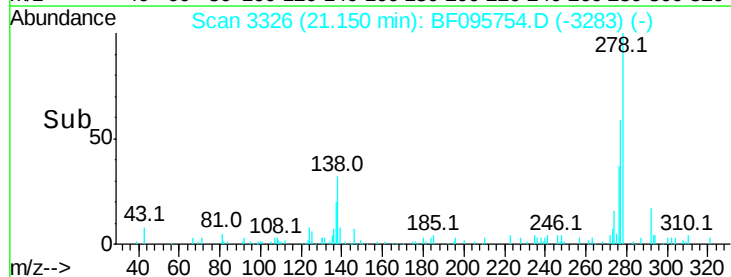
279 27.6 19.3 28.9

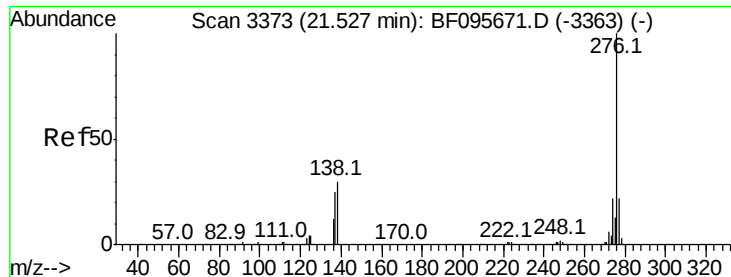


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

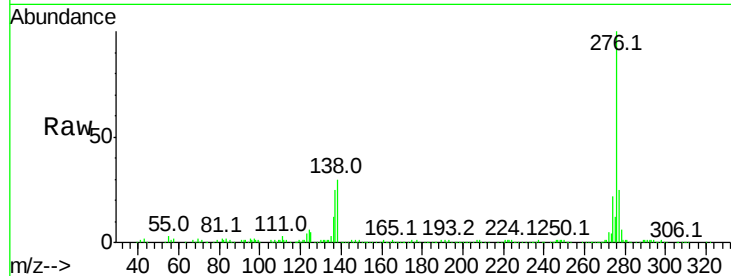




#91
 Benzo(a,h,i)perylene
 Concen: 46.61 ng
 RT: 21.54 min Scan# 3392
 Delta R.T. 0.01 min
 Lab File: BF095754.D
 Acq: 7 Jun 2017 19:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.6	28.0
138	30.2	25.4	38.0



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

