

Data Path : Z:\HPCHEM1\BNA_F\Data\BF062117\
 Data File : BF096086.D
 Acq On : 21 Jun 2017 16:03
 Operator : SJ/MA
 Sample : I3782-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TK4-DUP-20170619

Quant Time: Jun 21 16:35:48 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	89117	20.00	ng	0.00
21) Naphthalene-d8	9.32	136	322255	20.00	ng	0.00
38) Acenaphthene-d10	12.14	164	140370	20.00	ng	-0.01
63) Phenanthrene-d10	14.53	188	218182	20.00	ng	0.00
75) Chrysene-d12	18.27	240	145501	20.00	ng	0.00
86) Perylene-d12	19.96	264	133399	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	640100	114.45	ng	0.00
7) Phenol-d6	6.87	99	788150	117.71	ng	0.00
23) Nitrobenzene-d5	8.21	82	464947	89.60	ng	-0.01
41) 2,4,6-Tribromophenol	13.44	330	125042	100.68	ng	0.00
44) 2-Fluorobiphenyl	11.10	172	777442	77.07	ng	0.00
78) Terphenyl-d14	16.92	244	440108	75.07	ng	0.00

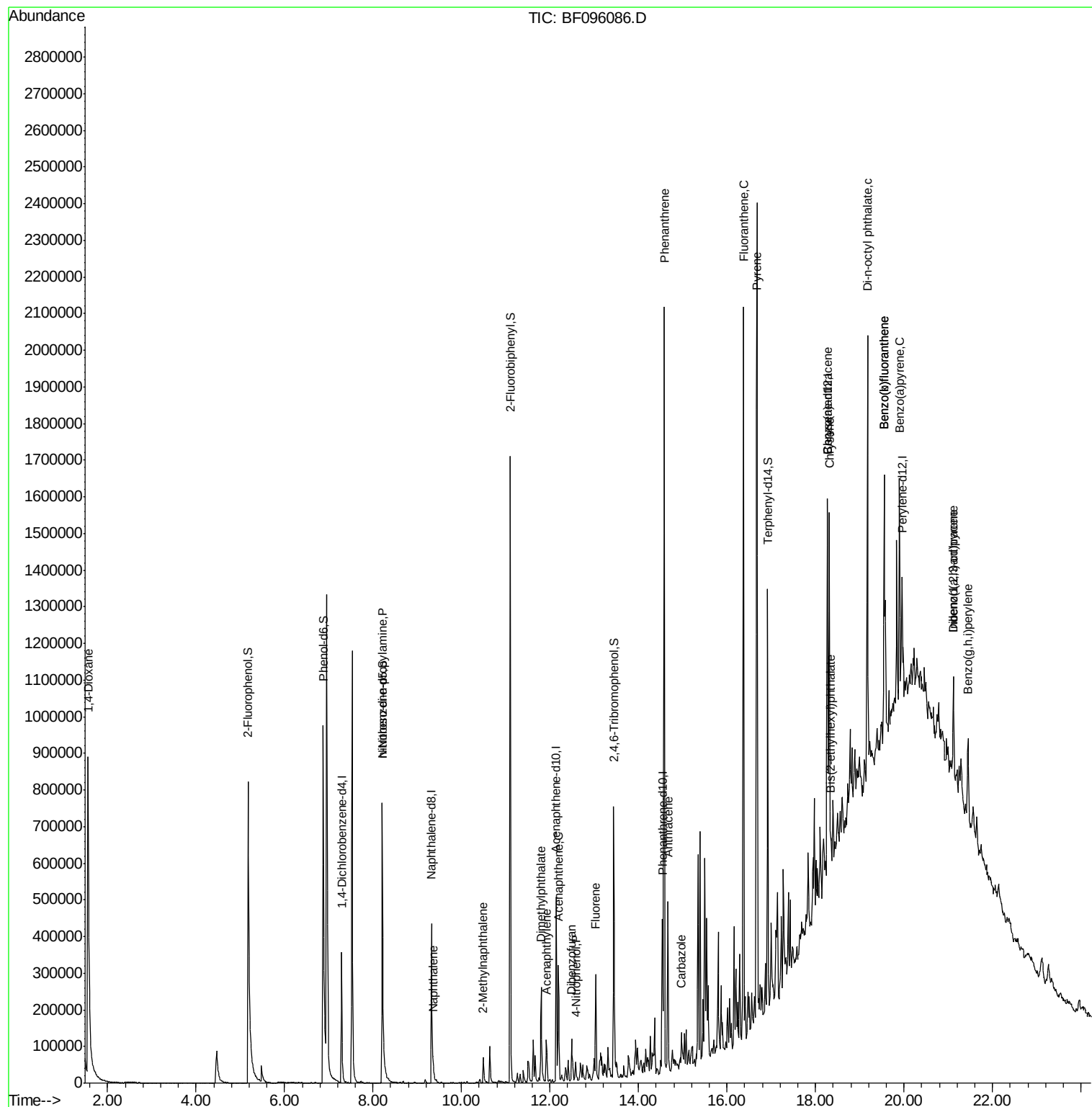
Target Compounds					Qvalue	
2) 1,4-Dioxane	1.56	88	49409	18.571	ng	# 21
19) n-Nitroso-di-n-propylamine	8.22	70	58553	13.800	ng	# 71
31) Naphthalene	9.36	128	47533	2.939	ng	99
37) 2-Methylnaphthalene	10.49	142	33339	3.051	ng	97
48) Acenaphthylene	11.92	152	68761	4.448	ng	98
49) Dimethylphthalate	11.80	163	122536	11.497	ng	99
51) Acenaphthene	12.19	154	88985	9.968	ng	99
54) Dibenzofuran	12.49	168	65537	5.216	ng	98
55) 4-Nitrophenol	12.57	139	833	5.123	ng	# 25
57) Fluorene	13.03	166	106112	9.705	ng	95
70) Phenanthrene	14.59	178	1271518	101.003	ng	98
71) Anthracene	14.66	178	260855	19.848	ng	97
72) Carbazole	14.97	167	65549	5.118	ng	98
74) Fluoranthene	16.37	202	1135688	91.146	ng	98
77) Pyrene	16.68	202	1158722	106.730	ng	98
80) Benzo(a)anthracene	18.27	228	481413	56.908	ng	98
82) Chrysene	18.31	228	454526	53.765	ng	98
83) Bis(2-ethylhexyl)phthalate	18.34	149	14677	2.194	ng	# 84
84) Di-n-octyl phthalate	19.17	149	146319	13.276	ng	# 37
85) Indeno(1,2,3-cd)pyrene	21.12	276	169723	23.464	ng	# 89
87) Benzo(b)fluoranthene	19.55	252	561402	67.210	ng	# 93
88) Benzo(k)fluoranthene	19.55	252	561402	70.315	ng	97
89) Benzo(a)pyrene	19.90	252	327954	42.717	ng	# 93
90) Dibenzo(a,h)anthracene	21.11	278	55504	8.523	ng	# 77
91) Benzo(g,h,i)perylene	21.44	276	159660	24.047	ng	97

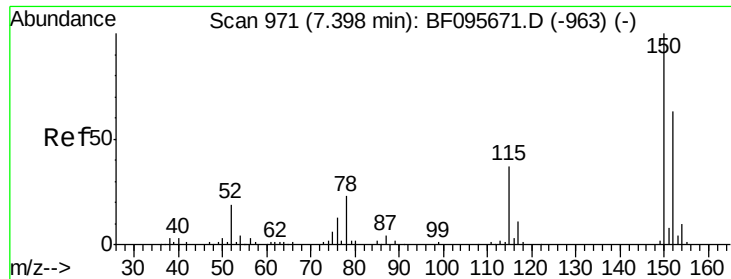
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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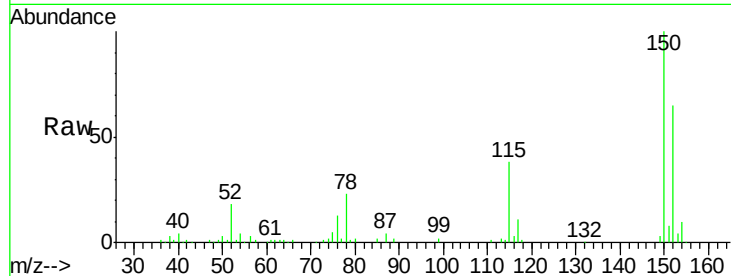


#1

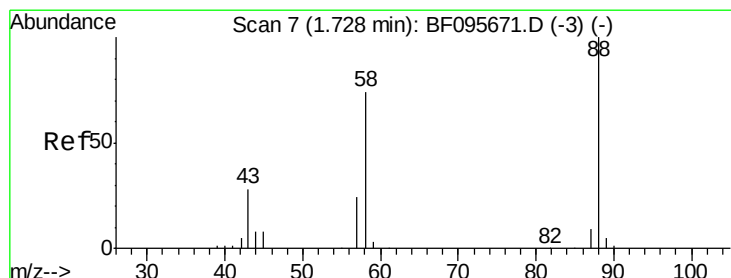
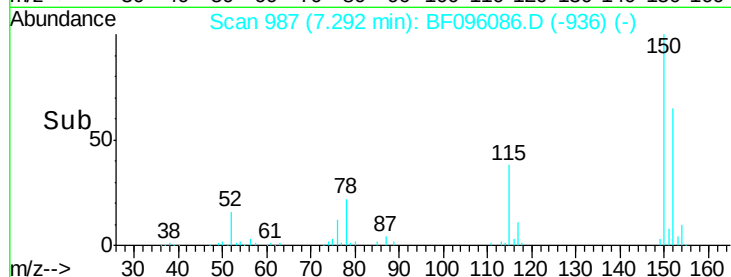
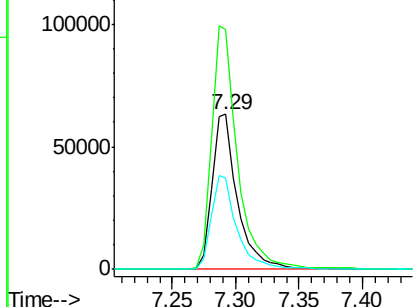
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.29 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF096086.D
 Acq: 21 Jun 2017 16:03

Instrument :
 BNA_F
 ClientSampleId :
 TK4-DUP-20170619

Tgt Ion:152 Resp: 89117
 Ion Ratio Lower Upper
 152 100
 150 155.0 126.2 189.2
 115 59.1 52.2 78.2



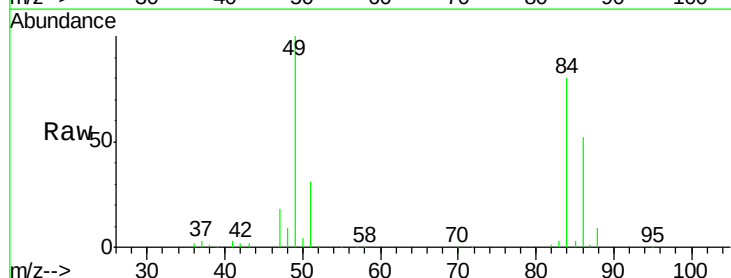
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



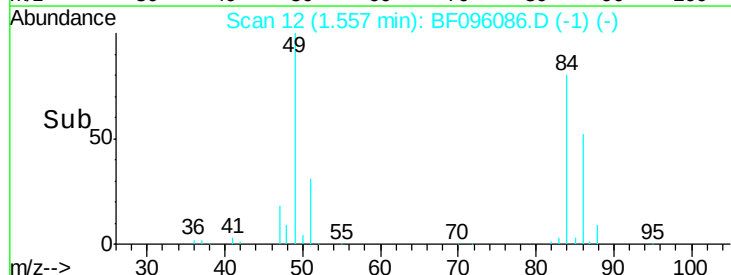
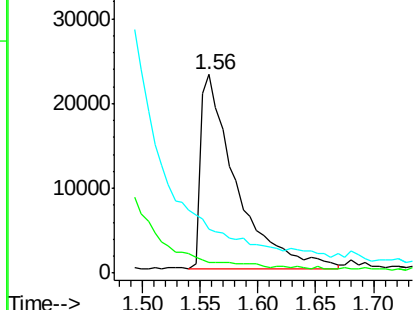
#2

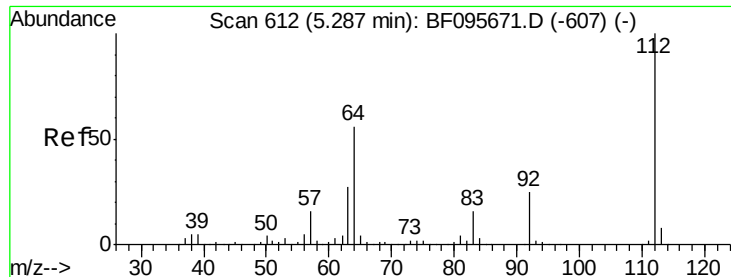
1,4-Dioxane
 Concen: 18.571 ng
 RT: 1.56 min Scan# 12
 Delta R.T. -0.05 min
 Lab File: BF096086.D
 Acq: 21 Jun 2017 16:03

Tgt Ion: 88 Resp: 49409
 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: 114.453 ng

RT: 5.18 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF096086.D

Acq: 21 Jun 2017 16:03

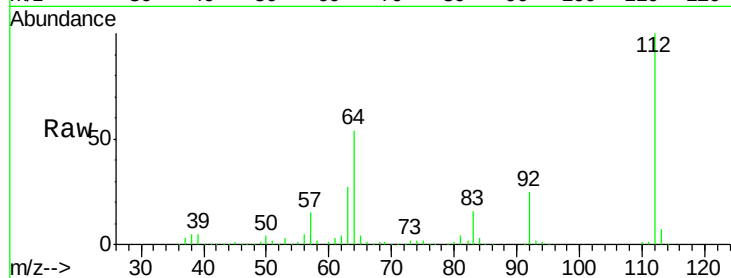
Instrument :

BNA_F

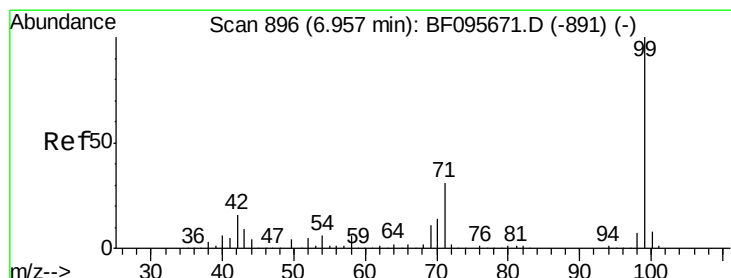
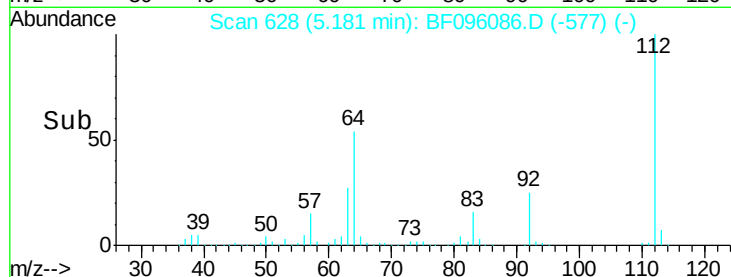
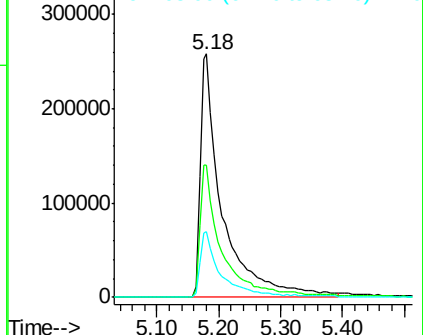
ClientSampleId :

TK4-DUP-20170619

Tgt Ion:	112	Resp:	640100
Ion	Ratio	Lower	Upper
112	100		
64	54.3	46.0	69.0
63	26.7	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#7

Phenol-d6

Concen: 117.715 ng

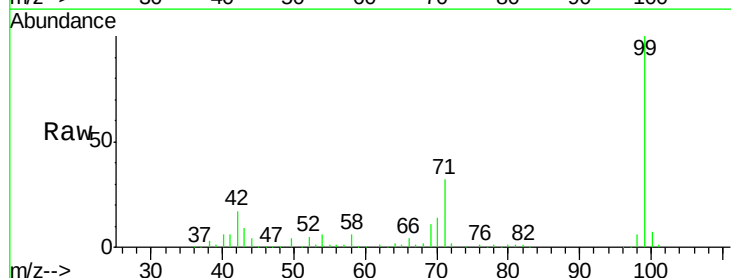
RT: 6.87 min Scan# 915

Delta R.T. -0.01 min

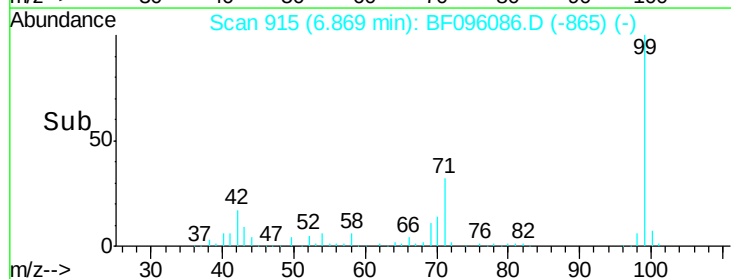
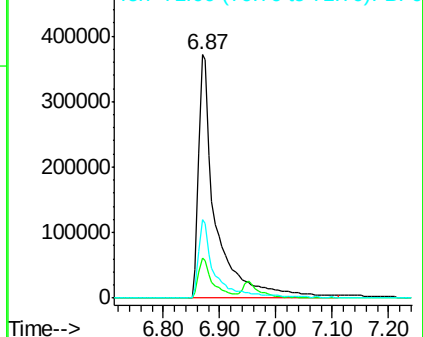
Lab File: BF096086.D

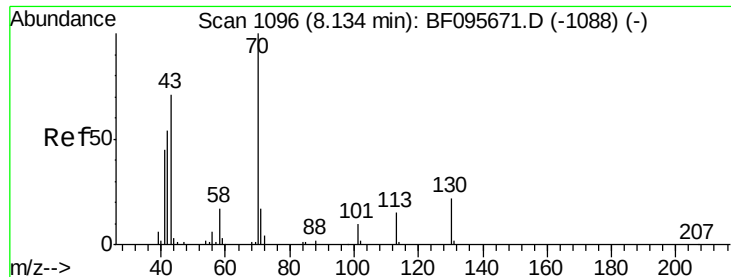
Acq: 21 Jun 2017 16:03

Tgt Ion:	99	Resp:	788150
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.5	20.3
71	32.4	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

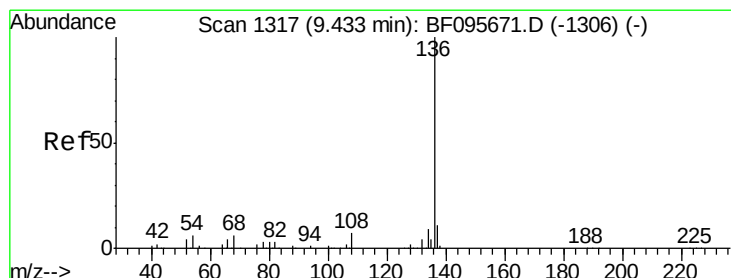
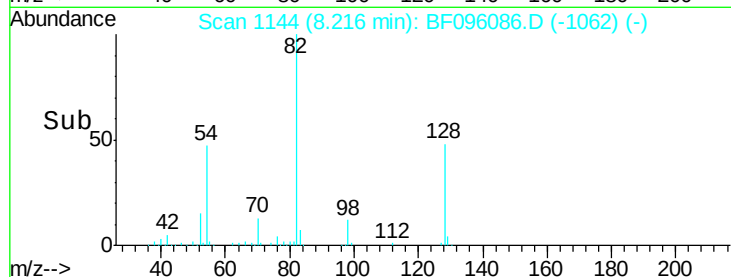
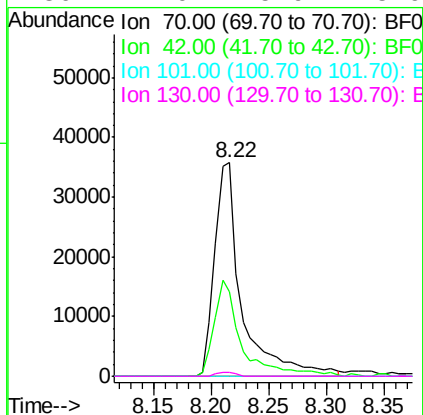
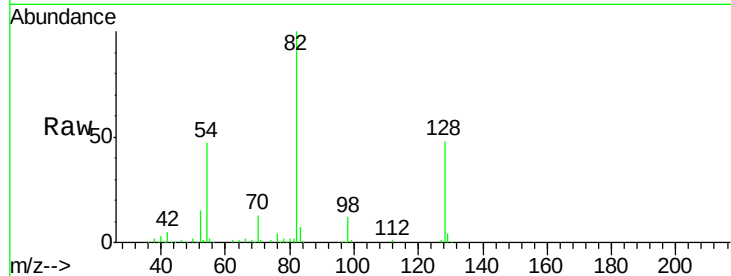




#19
n-Nitroso-di-n-propylamine
Concen: 13.800 ng
RT: 8.22 min Scan# 1144
Delta R.T. 0.18 min
Lab File: BF096086.D
Acq: 21 Jun 2017 16:03

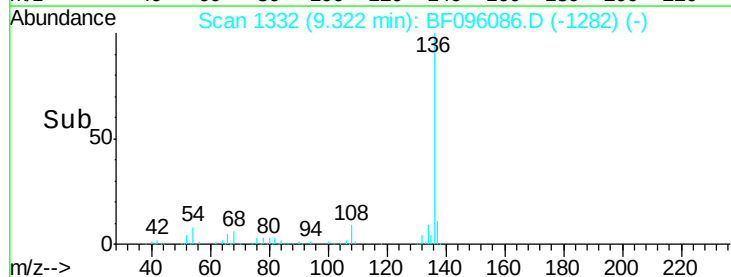
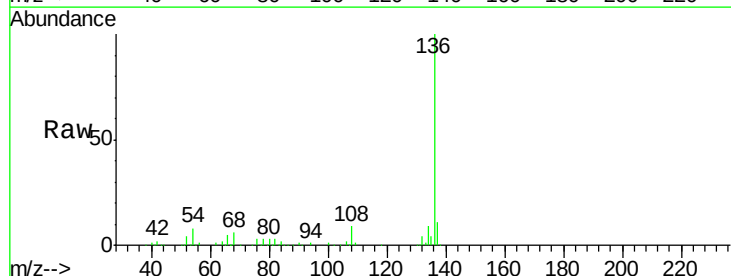
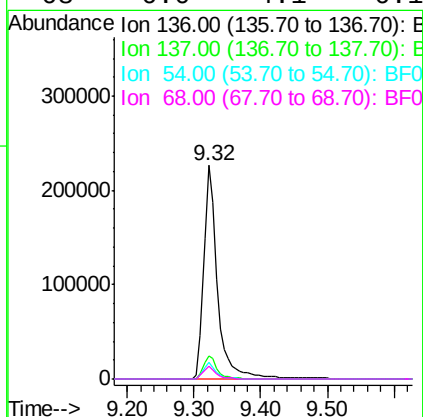
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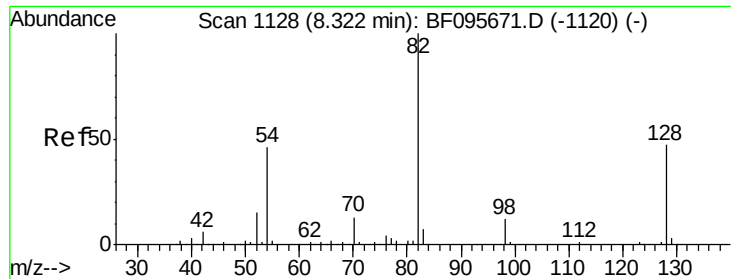
Tgt Ion: 70 Resp: 58553
Ion Ratio Lower Upper
70 100
42 39.7 47.2 70.8#
101 0.0 7.2 10.8#
130 2.0 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.32 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF096086.D
Acq: 21 Jun 2017 16:03

Tgt Ion: 136 Resp: 322255
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 7.5 4.9 7.3#
68 6.0 4.1 6.1

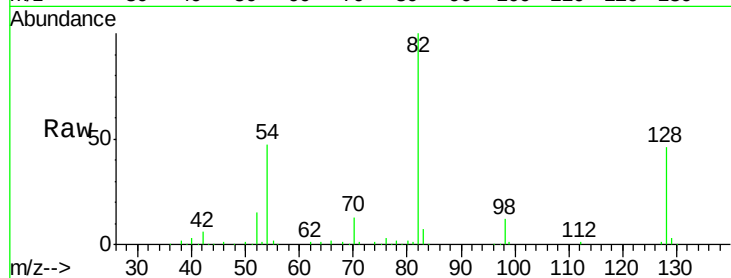




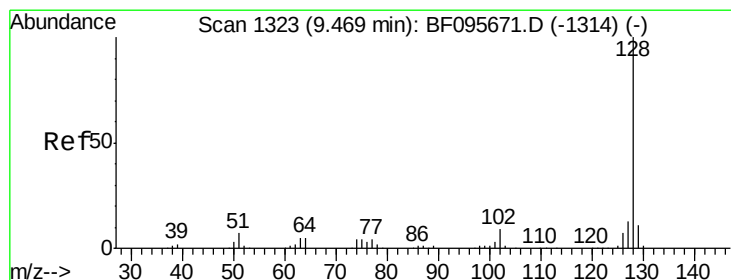
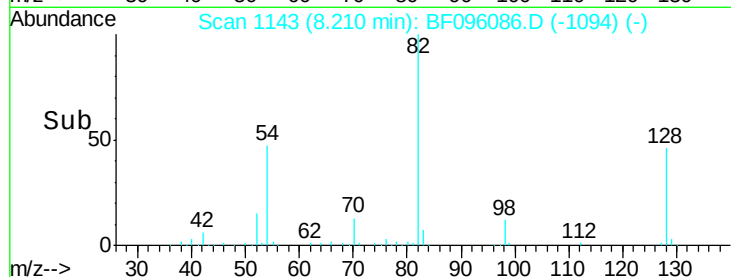
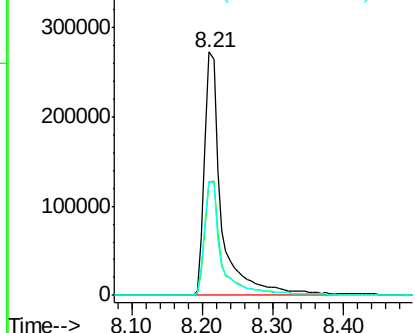
#23
 Nitrobenzene-d5
 Concen: 89.604 ng
 RT: 8.21 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF096086.D
 Acq: 21 Jun 2017 16:03

Instrument :
 BNA_F
 ClientSampleId :
 TK4-DUP-20170619

Tgt Ion: 82 Resp: 464947
 Ion Ratio Lower Upper
 82 100
 128 46.3 34.0 51.0
 54 46.8 42.2 63.2

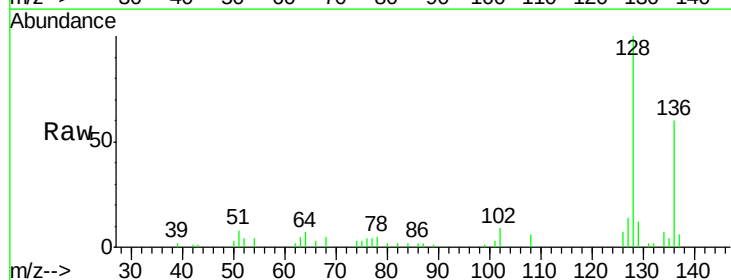


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

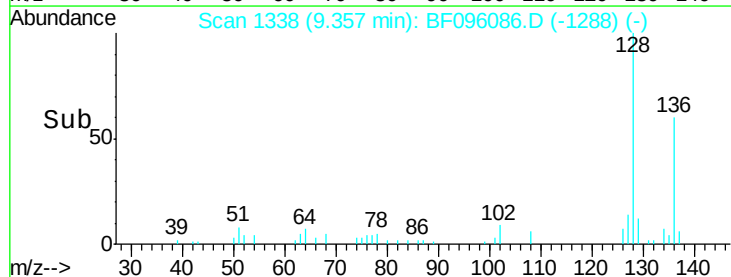
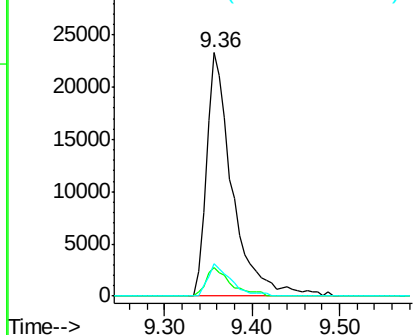


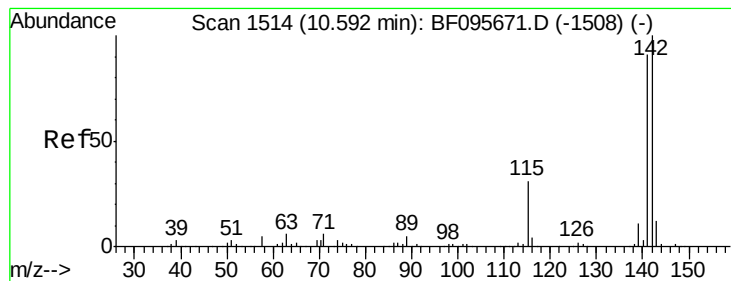
#31
 Naphthalene
 Concen: 2.939 ng
 RT: 9.36 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF096086.D
 Acq: 21 Jun 2017 16:03

Tgt Ion: 128 Resp: 47533
 Ion Ratio Lower Upper
 128 100
 129 11.8 9.0 13.6
 127 13.5 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: 3.051 ng

RT: 10.49 min Scan# 1531

Delta R.T. 0.01 min

Lab File: BF096086.D

Acq: 21 Jun 2017 16:03

Instrument :

BNA_F

ClientSampleId :

TK4-DUP-20170619

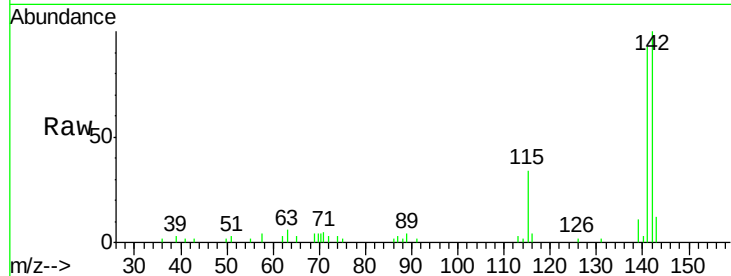
Tgt Ion:142 Resp: 33339

Ion Ratio Lower Upper

142 100

141 93.1 71.3 106.9

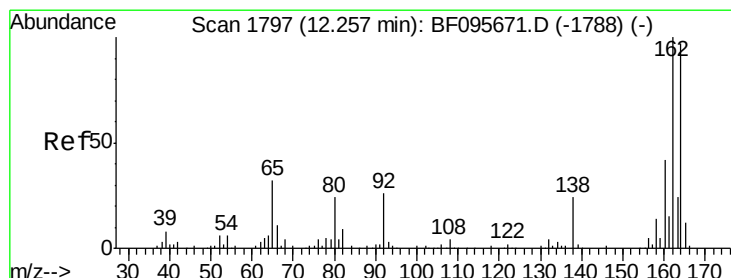
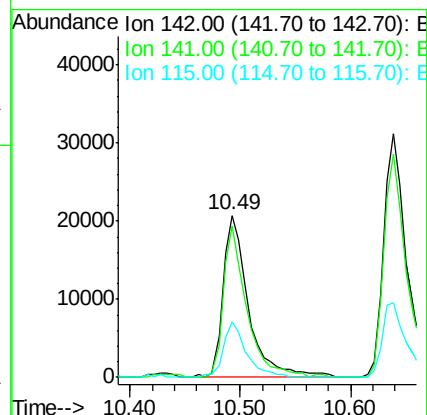
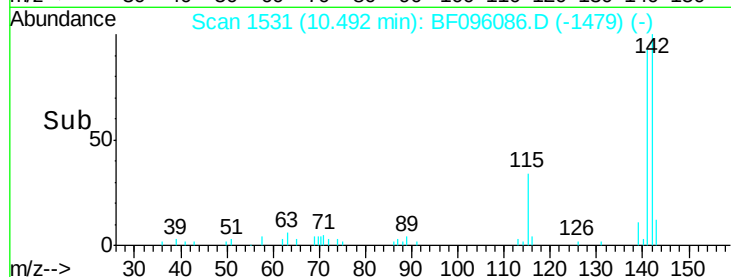
115 34.0 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 12.14 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF096086.D

Acq: 21 Jun 2017 16:03

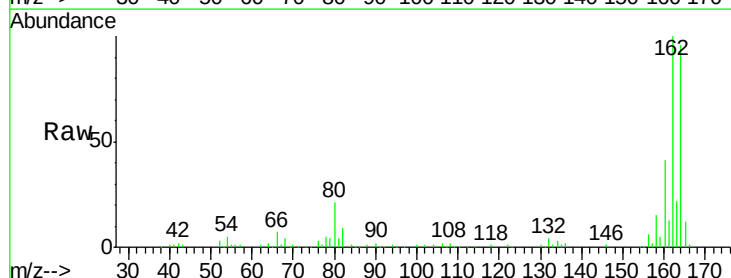
Tgt Ion:164 Resp: 140370

Ion Ratio Lower Upper

164 100

162 103.8 82.6 123.8

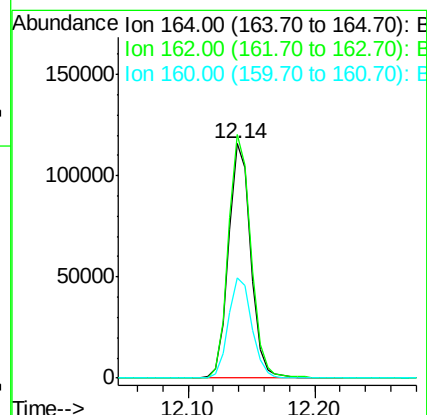
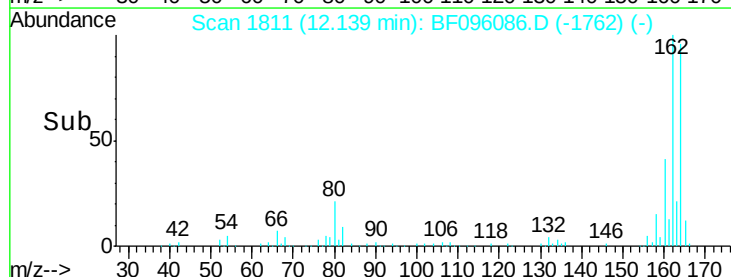
160 42.8 36.2 54.2

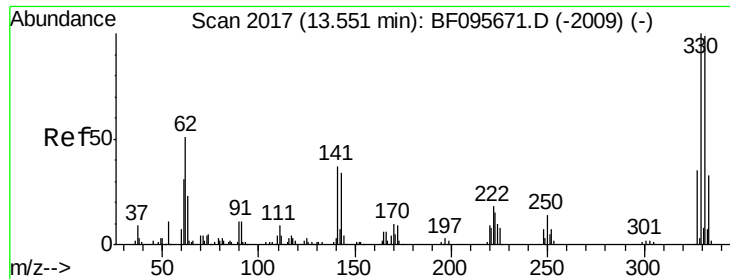


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

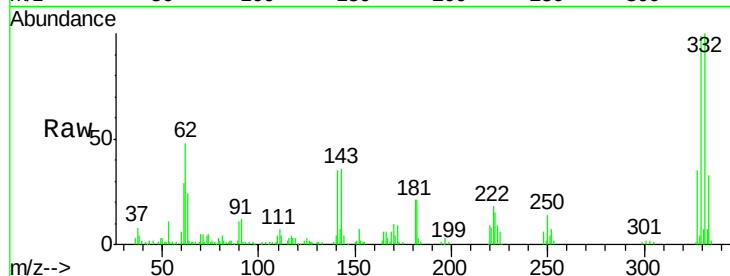




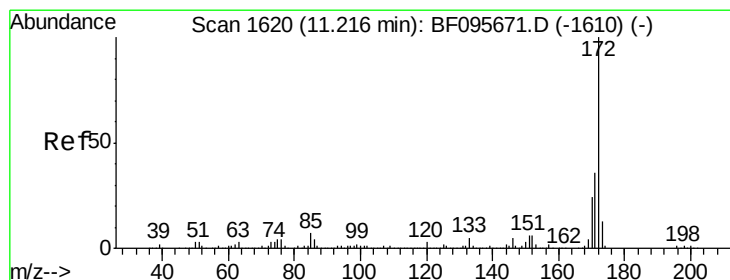
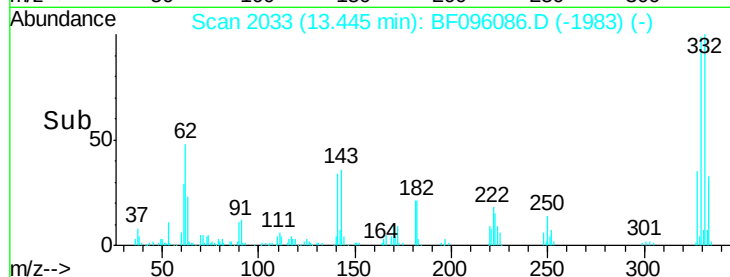
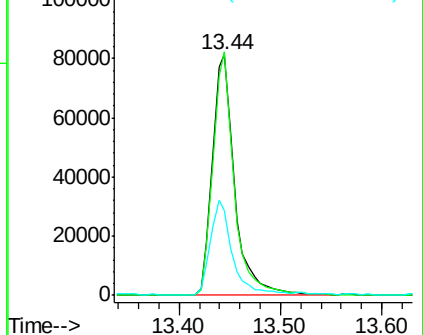
#41
 2,4,6-Tribromophenol
 Concen: 100.682 ng
 RT: 13.44 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF096086.D
 Acq: 21 Jun 2017 16:03

Instrument :
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 TK4-DUP-20170619

Tgt Ion:330 Resp: 125042
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 40.1 31.4 47.2

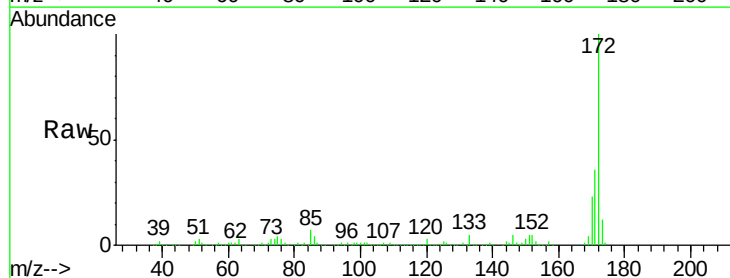


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

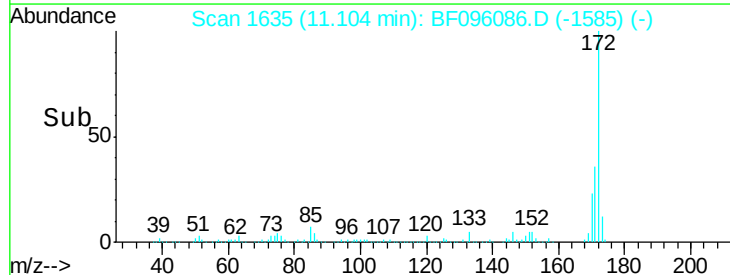
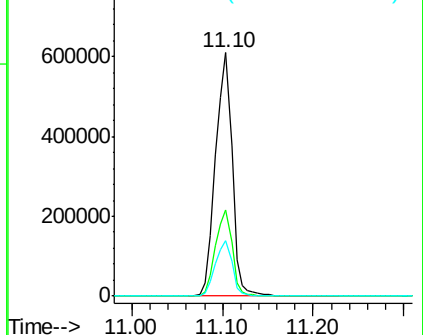


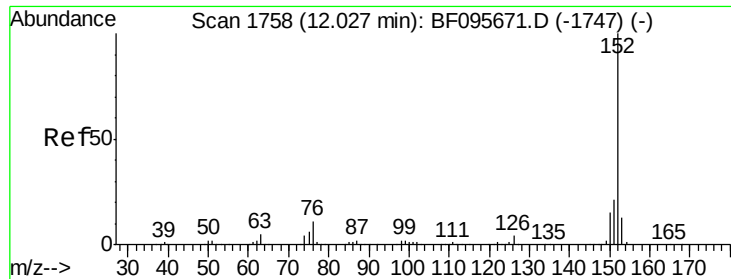
#44
 2-Fluorobiphenyl
 Concen: 77.073 ng
 RT: 11.10 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF096086.D
 Acq: 21 Jun 2017 16:03

Tgt Ion:172 Resp: 777442
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 22.8 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: 4.448 ng

RT: 11.92 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BF096086.D

Acq: 21 Jun 2017 16:03

Instrument :

BNA_F

ClientSampleId :

TK4-DUP-20170619

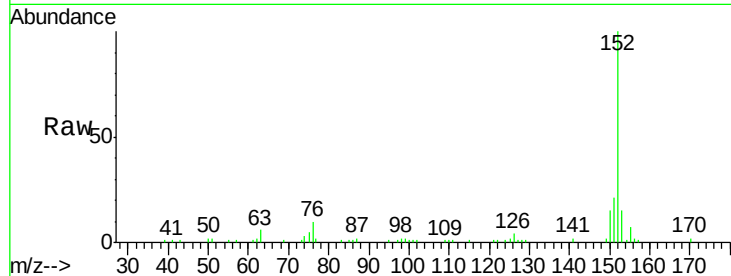
Tgt Ion:152 Resp: 68761

Ion Ratio Lower Upper

152 100

151 20.8 16.8 25.2

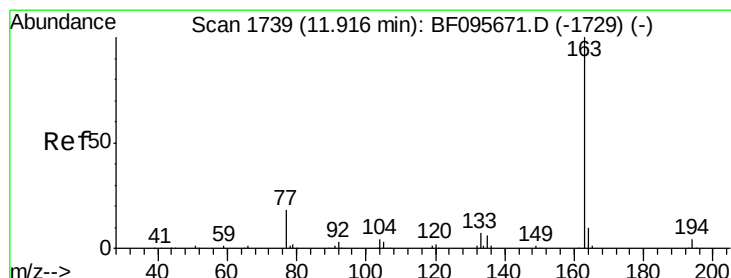
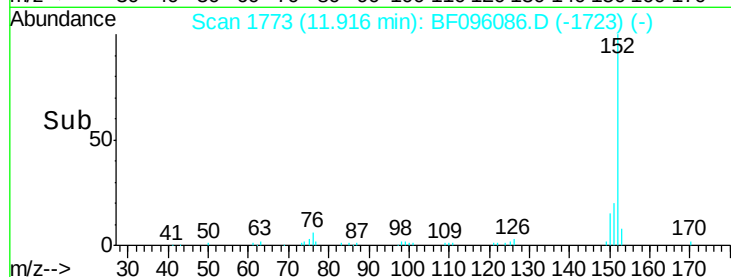
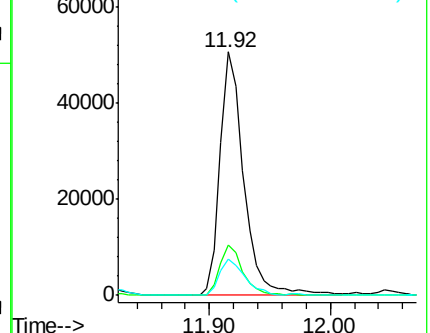
153 15.0 10.8 16.2



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: 11.497 ng

RT: 11.80 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BF096086.D

Acq: 21 Jun 2017 16:03

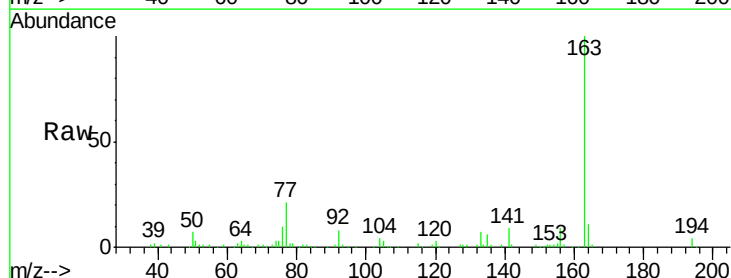
Tgt Ion:163 Resp: 122536

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

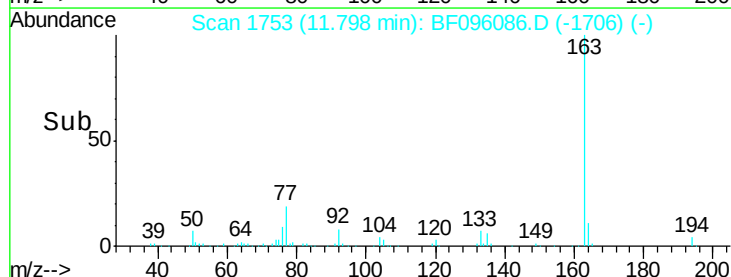
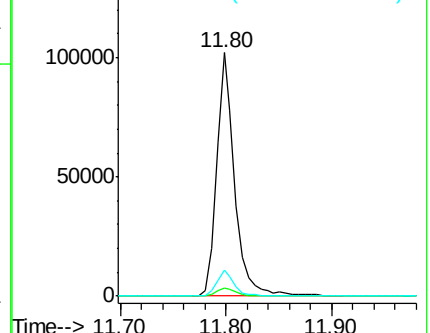
164 10.7 8.4 12.6

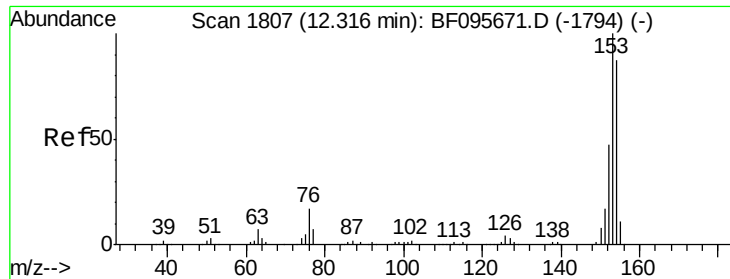


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 9.968 ng

RT: 12.19 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF096086.D

Acq: 21 Jun 2017 16:03

Instrument :

BNA_F

ClientSampleId :

TK4-DUP-20170619

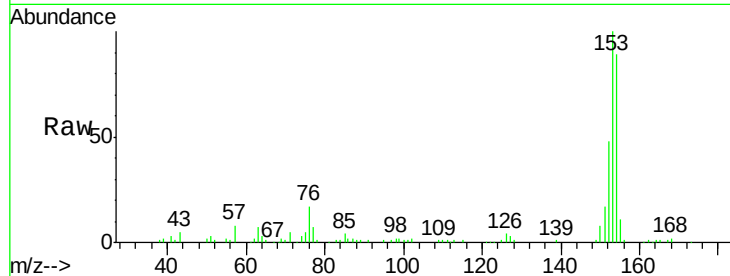
Tgt Ion:154 Resp: 88985

Ion Ratio Lower Upper

154 100

153 112.6 90.5 135.7

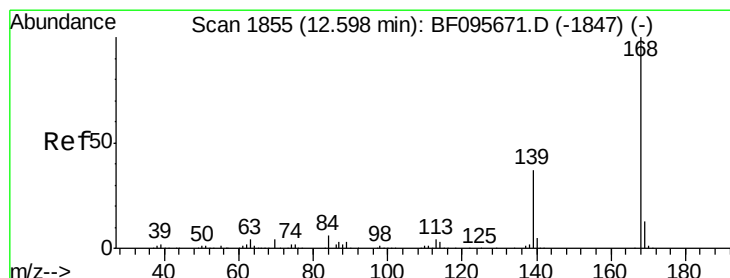
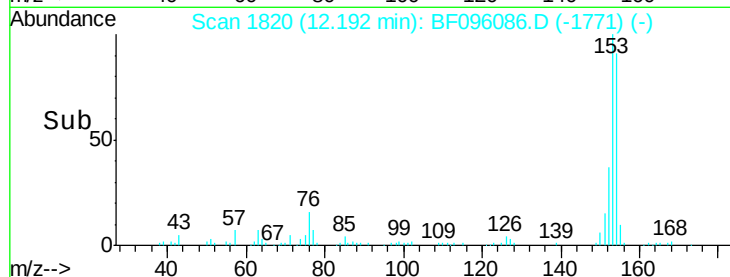
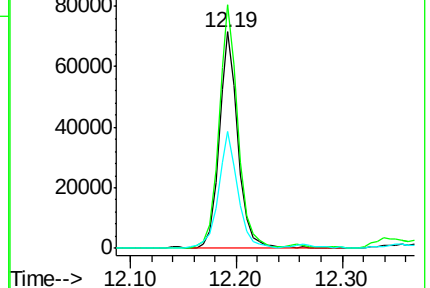
152 53.8 43.6 65.4



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: 5.216 ng

RT: 12.49 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BF096086.D

Acq: 21 Jun 2017 16:03

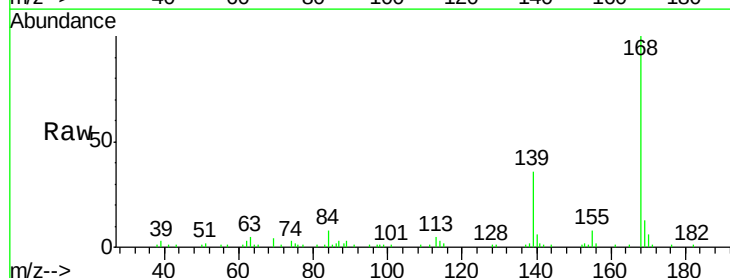
Tgt Ion:168 Resp: 65537

Ion Ratio Lower Upper

168 100

139 36.3 30.6 45.8

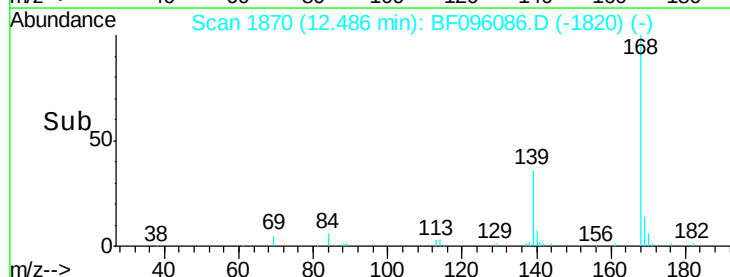
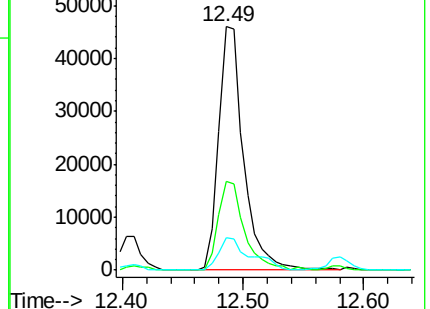
169 13.3 10.8 16.2

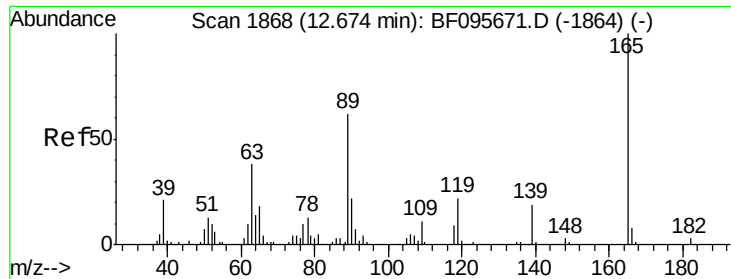


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

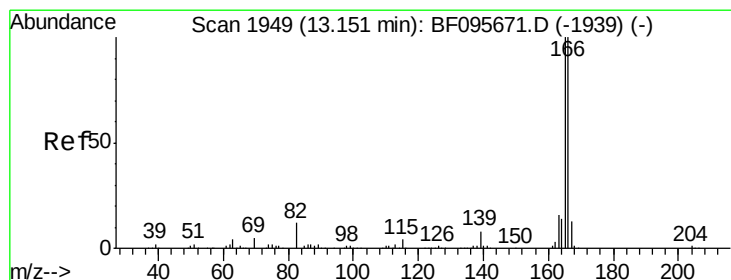
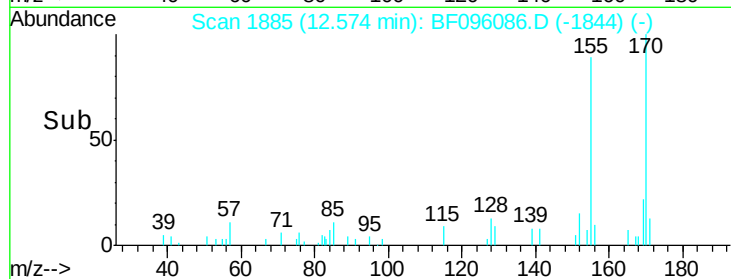
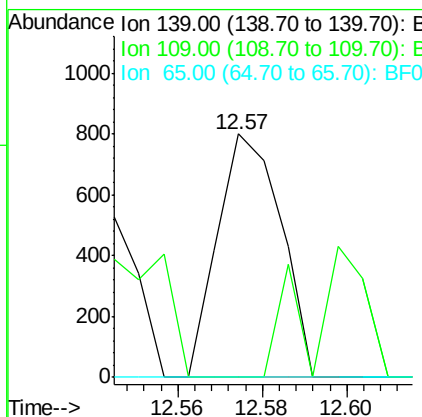
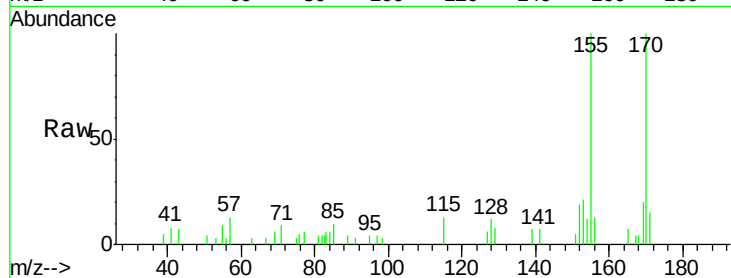




#55
4-Nitrophenol
Concen: 5.123 ng
RT: 12.57 min Scan# 1885
Delta R.T. -0.06 min
Lab File: BF096086.D
Acq: 21 Jun 2017 16:03

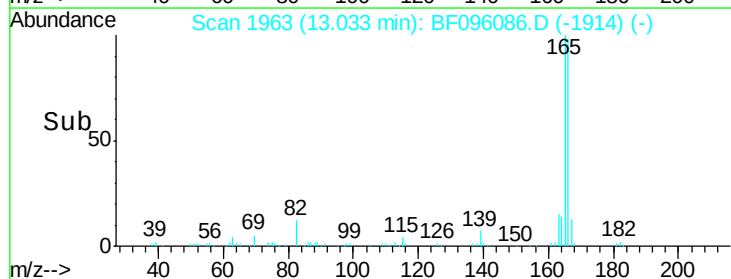
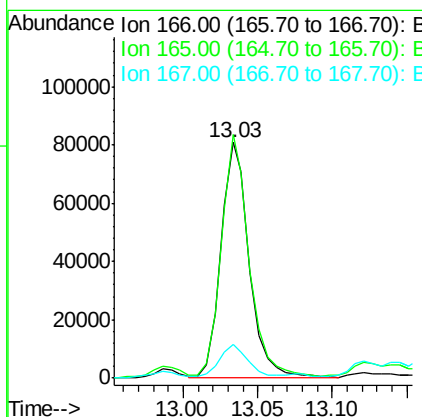
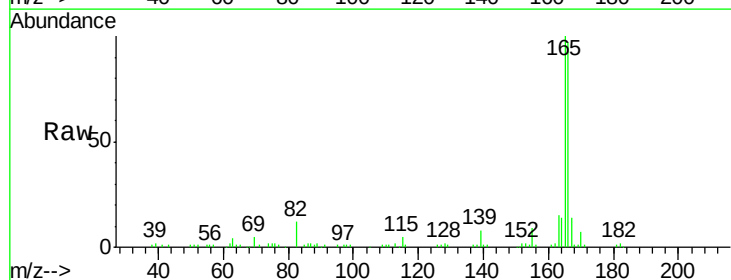
Instrument :
BNA_F
ClientSampleId :
TK4-DUP-20170619

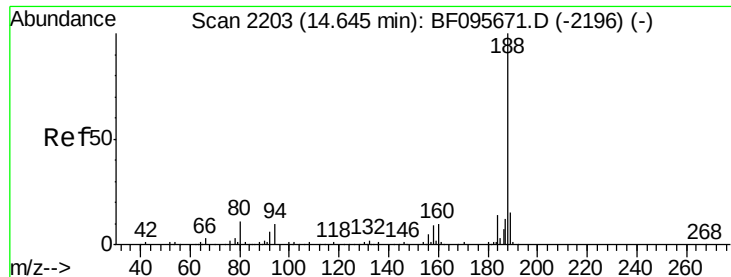
Tgt Ion:139 Resp: 833
Ion Ratio Lower Upper
139 100
109 0.0 34.1 74.1#
65 0.0 31.4 71.4#



#57
Fluorene
Concen: 9.705 ng
RT: 13.03 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BF096086.D
Acq: 21 Jun 2017 16:03

Tgt Ion:166 Resp: 106112
Ion Ratio Lower Upper
166 100
165 103.2 78.8 118.2
167 14.4 10.6 16.0

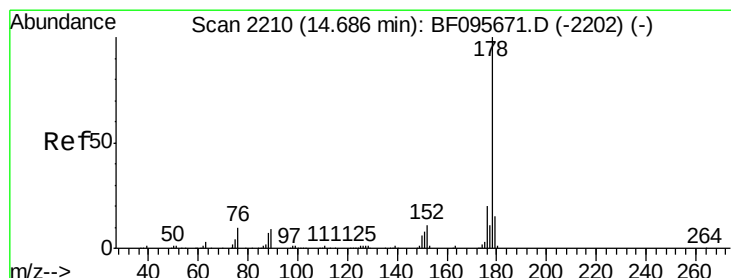
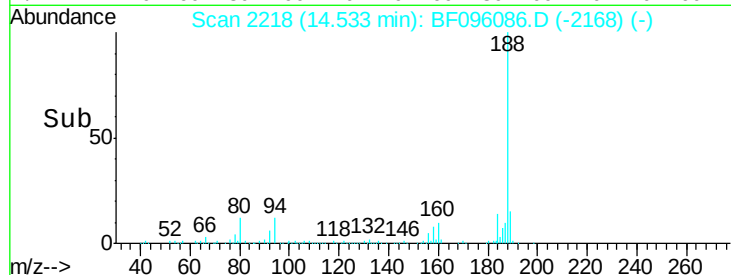
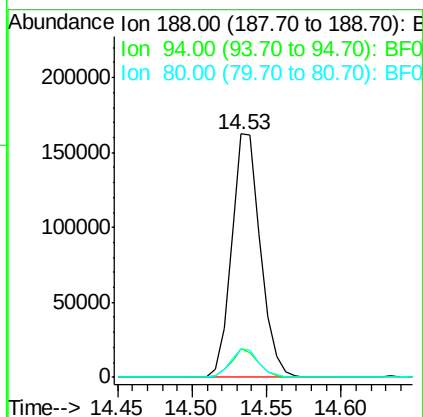
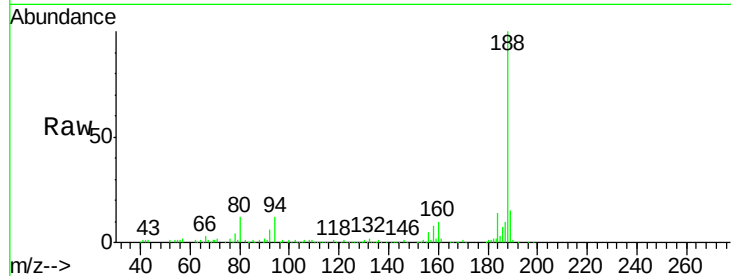




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF096086.D
Acq: 21 Jun 2017 16:03

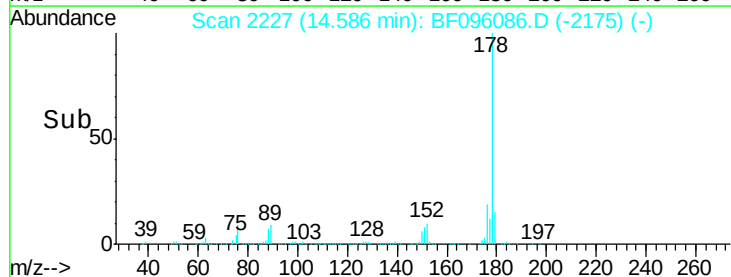
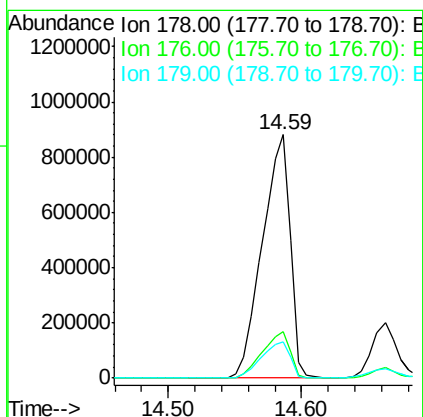
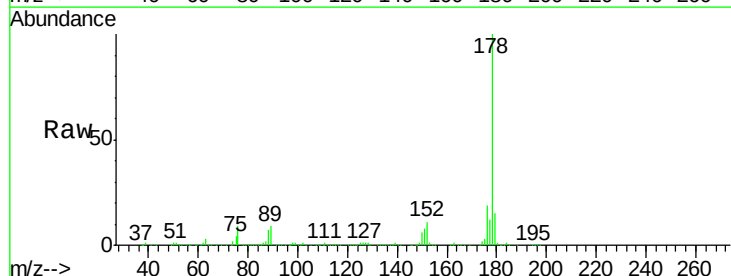
Instrument :
BNA_F
ClientSampleId :
TK4-DUP-20170619

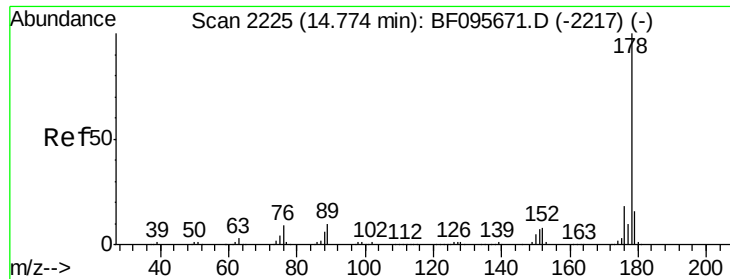
Tgt Ion:188 Resp: 218182
Ion Ratio Lower Upper
188 100
94 11.9 9.4 14.2
80 11.8 10.2 15.2



#70
Phenanthrene
Concen: 101.003 ng
RT: 14.59 min Scan# 2227
Delta R.T. 0.01 min
Lab File: BF096086.D
Acq: 21 Jun 2017 16:03

Tgt Ion:178 Resp: 1271518
Ion Ratio Lower Upper
178 100
176 19.3 16.2 24.4
179 15.1 12.6 19.0

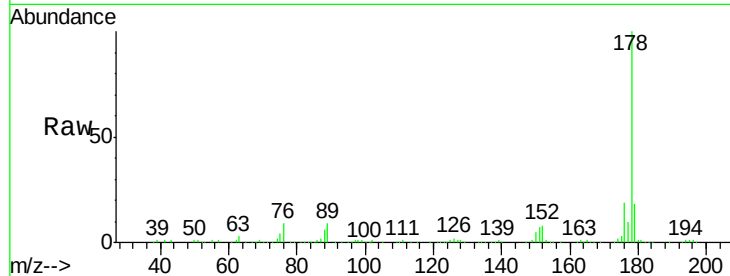




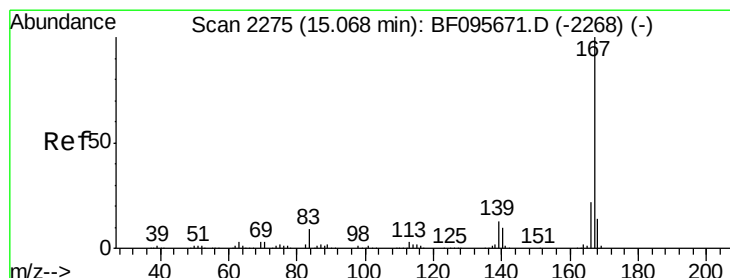
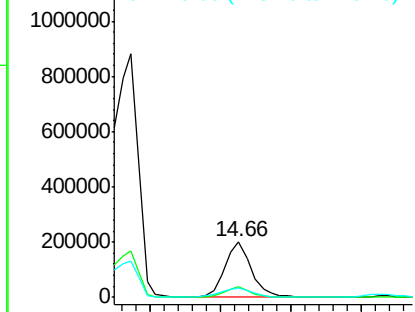
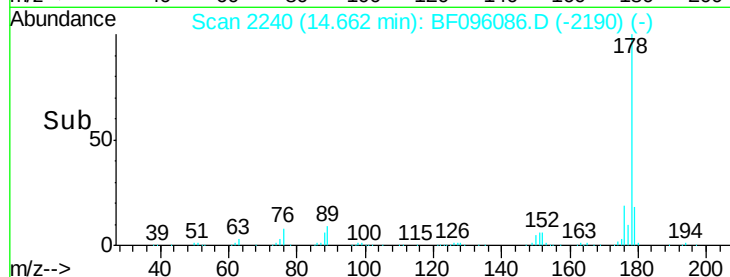
#71
 Anthracene
 Concen: 19.848 ng
 RT: 14.66 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: BF096086.D
 Acq: 21 Jun 2017 16:03

Instrument :
 BNA_F
 ClientSampleId :
 TK4-DUP-20170619

Tgt Ion:178 Resp: 260855
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 17.6 12.7 19.1

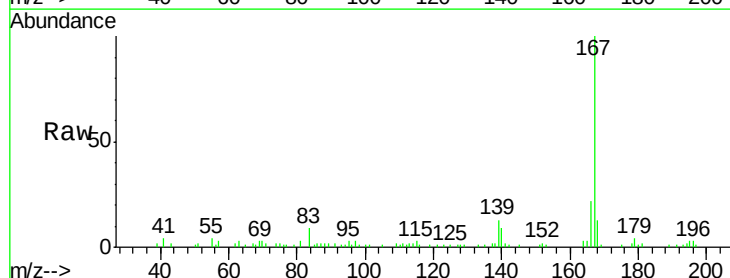


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

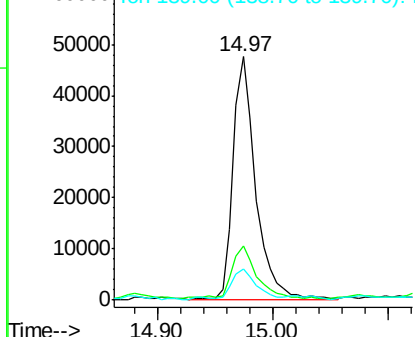
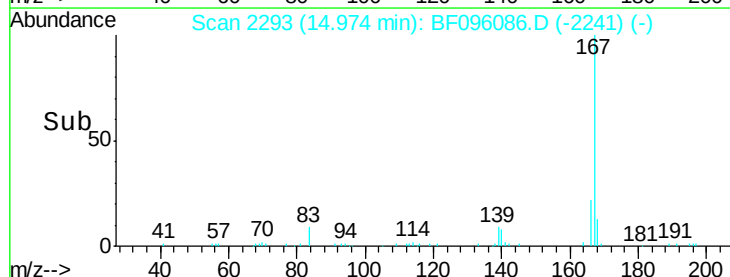


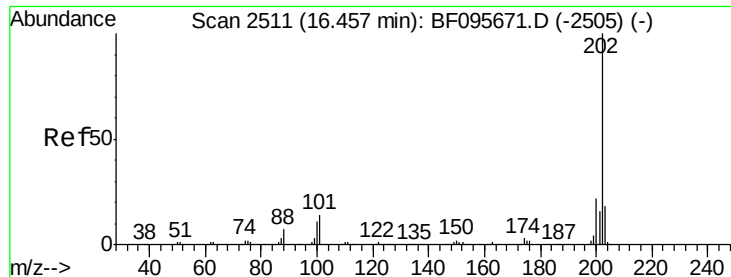
#72
 Carbazole
 Concen: 5.118 ng
 RT: 14.97 min Scan# 2293
 Delta R.T. 0.01 min
 Lab File: BF096086.D
 Acq: 21 Jun 2017 16:03

Tgt Ion:167 Resp: 65549
 Ion Ratio Lower Upper
 167 100
 166 22.3 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: 91.146 ng

RT: 16.37 min Scan# 2531

Delta R.T. 0.01 min

Lab File: BF096086.D

Acq: 21 Jun 2017 16:03

Instrument :

BNA_F

ClientSampleId :

TK4-DUP-20170619

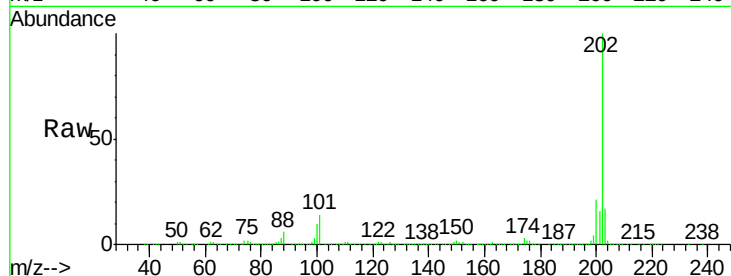
Tgt Ion:202 Resp: 1135688

Ion Ratio Lower Upper

202 100

101 13.9 0.0 33.2

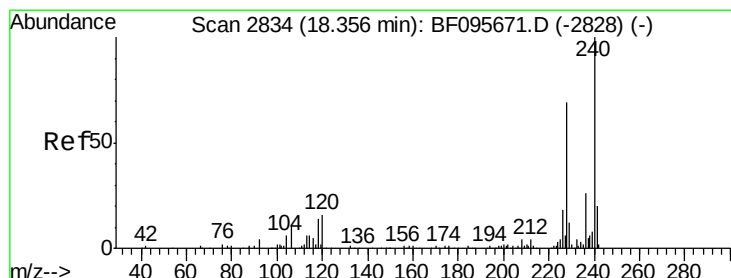
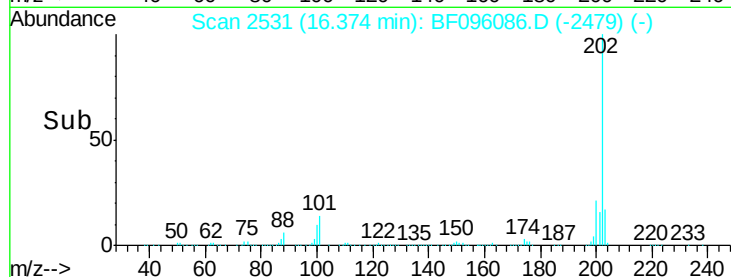
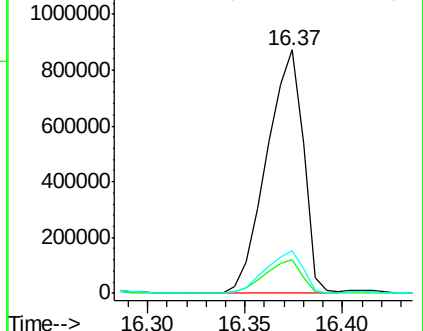
203 17.3 0.0 38.1



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: 20.000 ng

RT: 18.27 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BF096086.D

Acq: 21 Jun 2017 16:03

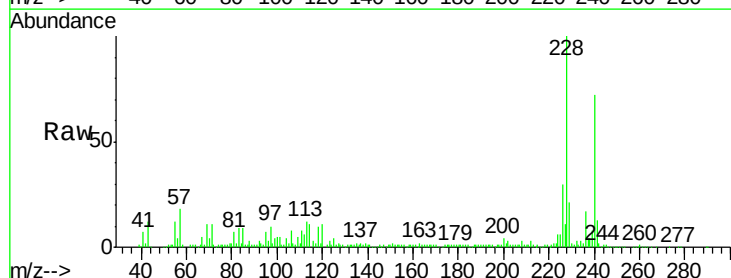
Tgt Ion:240 Resp: 145501

Ion Ratio Lower Upper

240 100

120 15.4 5.8 8.8#

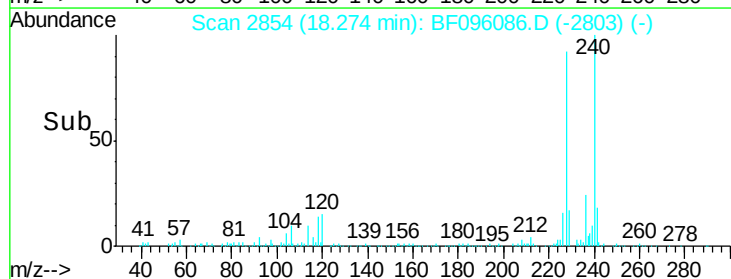
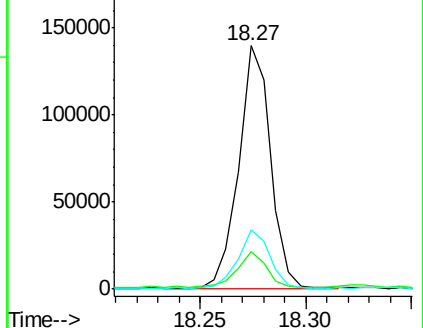
236 24.4 20.5 30.7

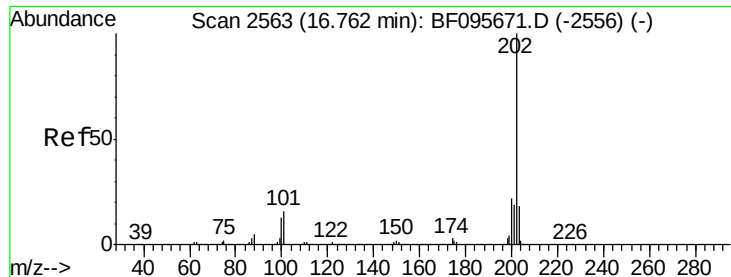


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

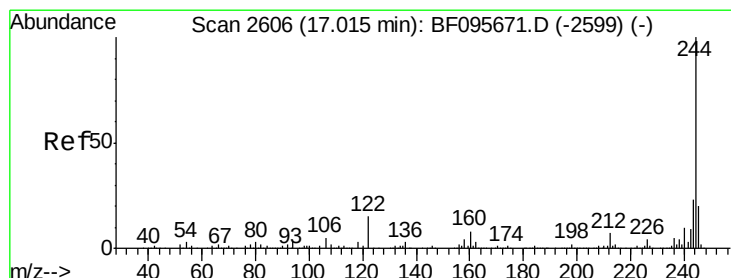
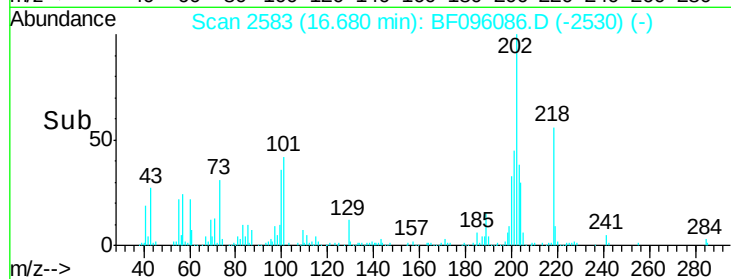
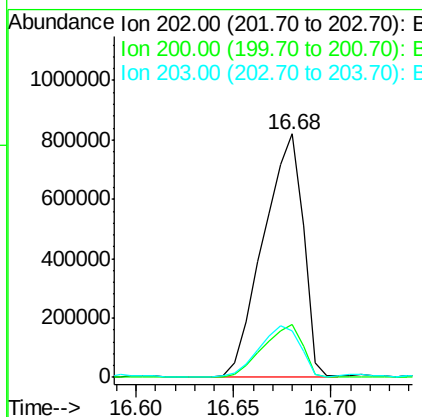
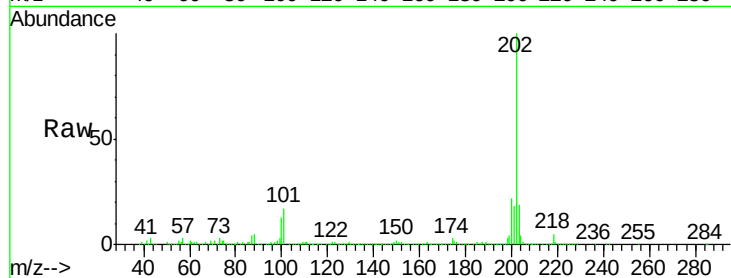




#77
 Pyrene
 Concen: 106.730 ng
 RT: 16.68 min Scan# 2583
 Delta R.T. 0.01 min
 Lab File: BF096086.D
 Acq: 21 Jun 2017 16:03

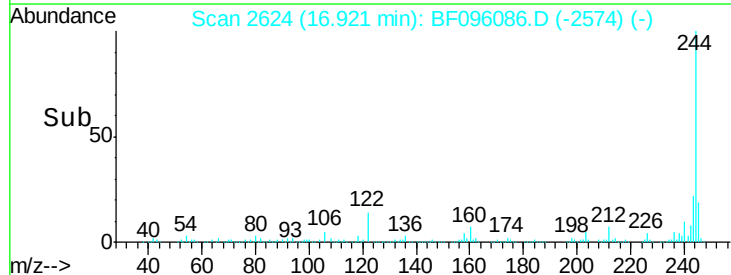
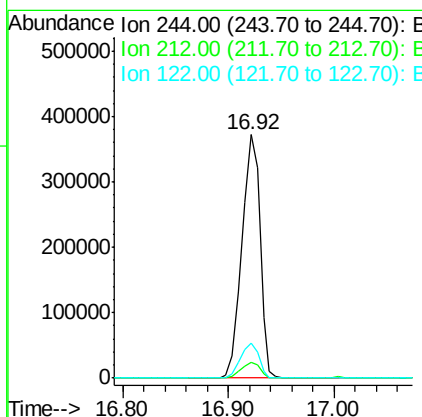
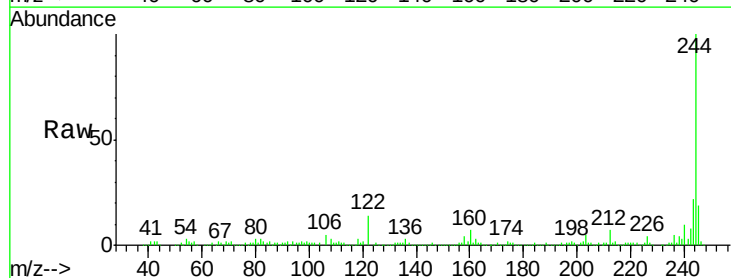
Instrument :
 BNA_F
 ClientSampleId :
 TK4-DUP-20170619

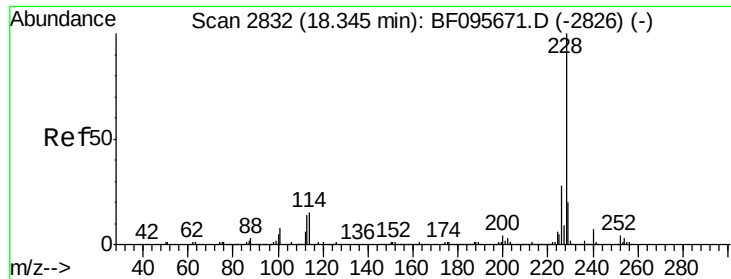
Tgt Ion:202 Resp: 1158722
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.6 26.4
 203 19.2 14.4 21.6



#78
 Terphenyl-d14
 Concen: 75.067 ng
 RT: 16.92 min Scan# 2624
 Delta R.T. -0.01 min
 Lab File: BF096086.D
 Acq: 21 Jun 2017 16:03

Tgt Ion:244 Resp: 440108
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 14.3 10.3 15.5





#80

Benzo(a)anthracene

Concen: 56.908 ng

RT: 18.27 min Scan# 2853

Delta R.T. 0.01 min

Lab File: BF096086.D

Acq: 21 Jun 2017 16:03

Instrument :

BNA_F

ClientSampleId :

TK4-DUP-20170619

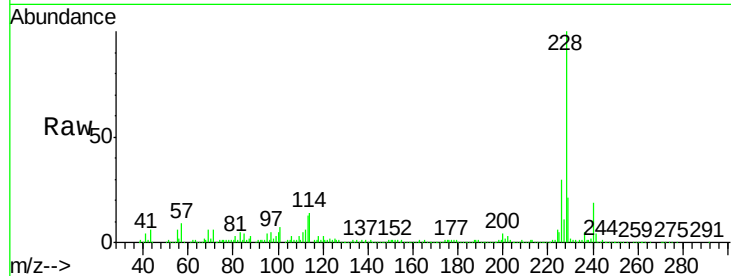
Tgt Ion:228 Resp: 481413

Ion Ratio Lower Upper

228 100

226 29.5 22.6 33.8

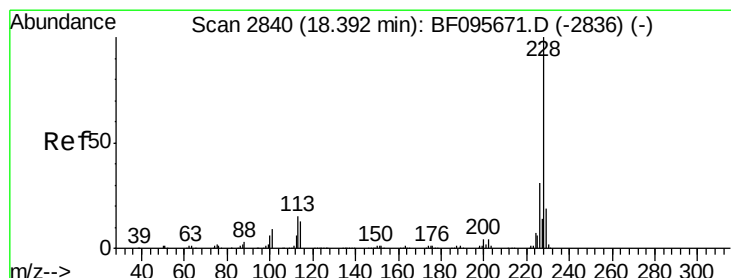
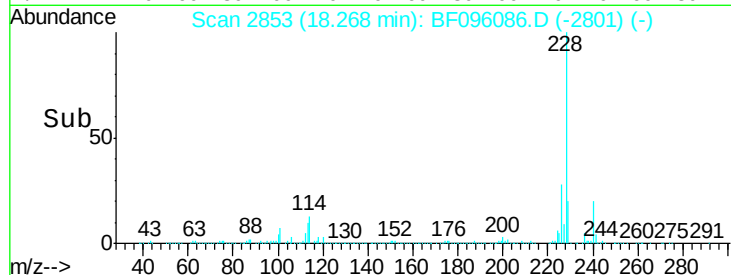
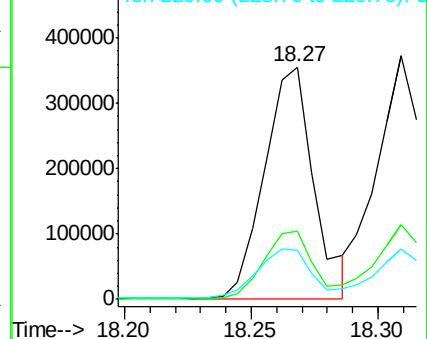
229 21.3 16.3 24.5



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: 53.765 ng

RT: 18.31 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BF096086.D

Acq: 21 Jun 2017 16:03

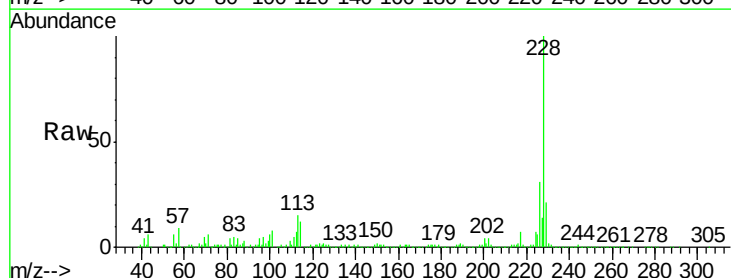
Tgt Ion:228 Resp: 454526

Ion Ratio Lower Upper

228 100

226 30.6 24.9 37.3

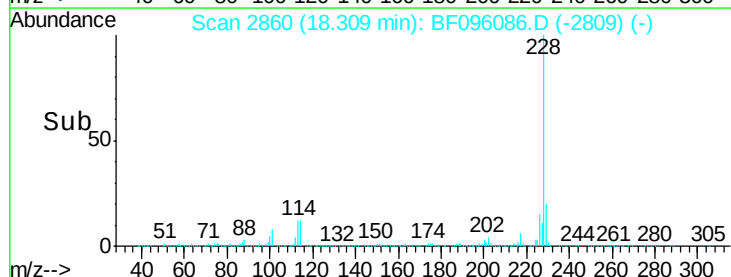
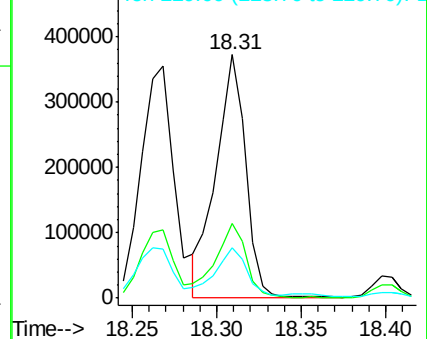
229 20.8 15.8 23.6

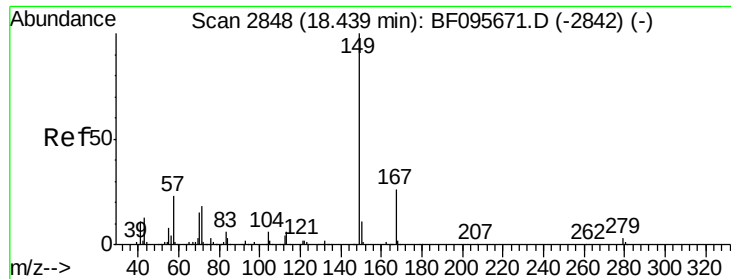


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

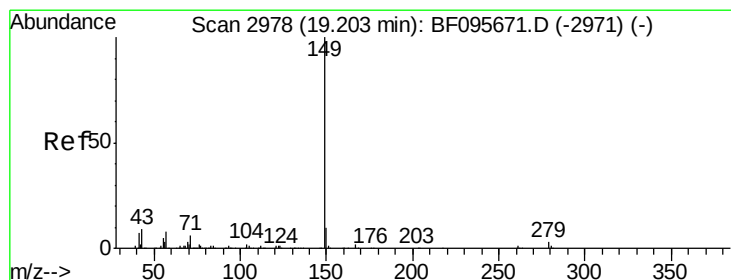
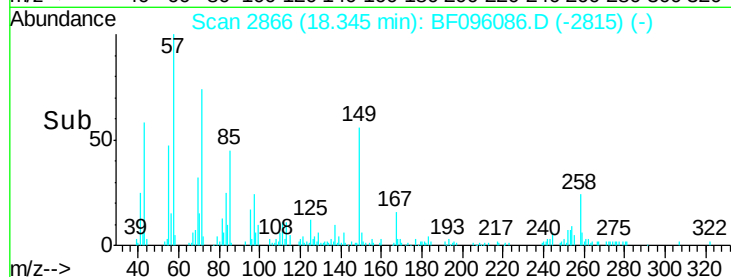
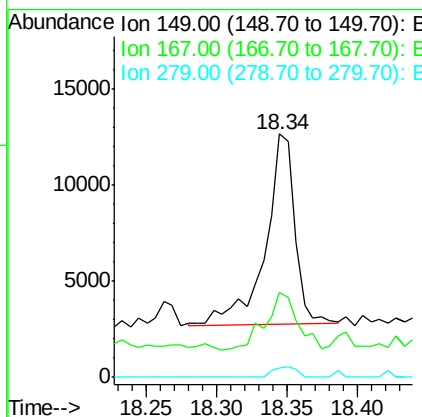
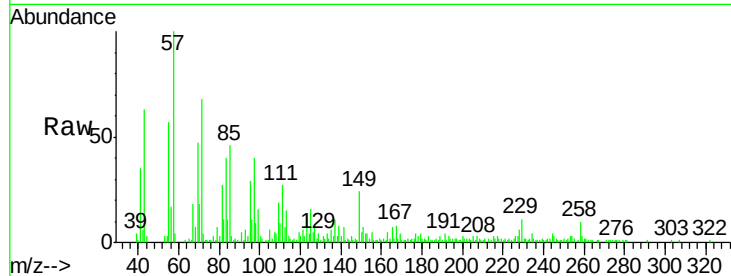




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.194 ng
 RT: 18.34 min Scan# 2866
 Delta R.T. 0.00 min
 Lab File: BF096086.D
 Acq: 21 Jun 2017 16:03

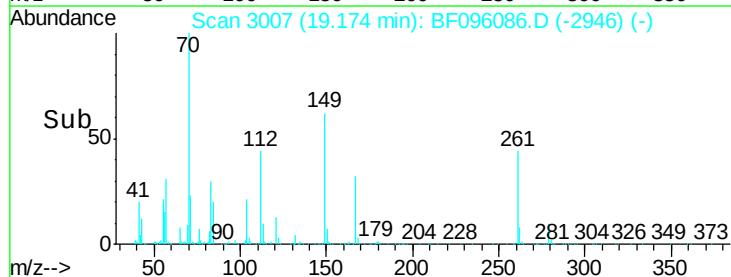
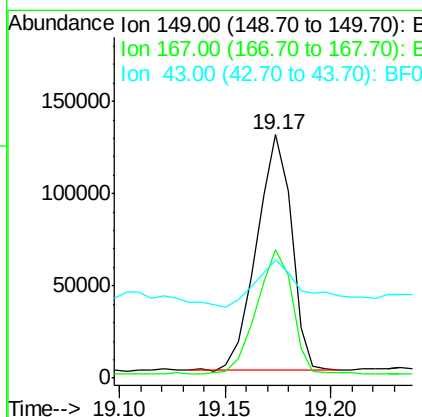
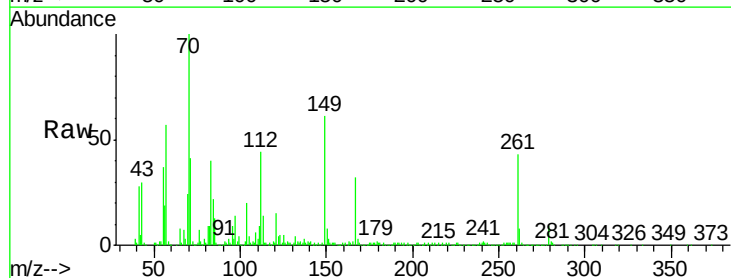
Instrument :
 BNA_F
 ClientSampleId :
 TK4-DUP-20170619

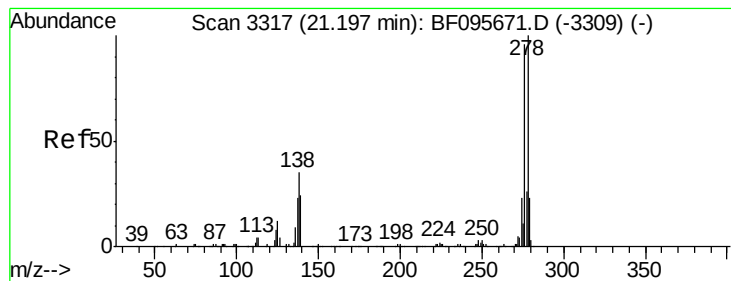
Tgt Ion:149 Resp: 14677
 Ion Ratio Lower Upper
 149 100
 167 34.9 21.0 31.4#
 279 3.6 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 13.276 ng
 RT: 19.17 min Scan# 3007
 Delta R.T. 0.06 min
 Lab File: BF096086.D
 Acq: 21 Jun 2017 16:03

Tgt Ion:149 Resp: 146319
 Ion Ratio Lower Upper
 149 100
 167 54.7 1.2 1.8#
 43 30.4 8.5 12.7#





#85

Indeno(1,2,3-cd)pyrene

Concen: 23.464 ng

RT: 21.12 min Scan# 3338

Delta R.T. 0.02 min

Lab File: BF096086.D

Acq: 21 Jun 2017 16:03

Instrument :

BNA_F

ClientSampleId :

TK4-DUP-20170619

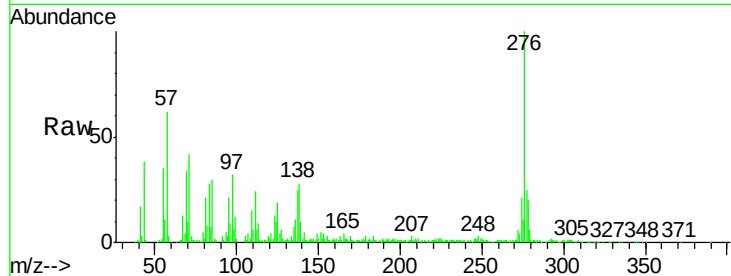
Tgt Ion: 276 Resp: 169723

Ion Ratio Lower Upper

276 100

138 26.5 27.8 41.6#

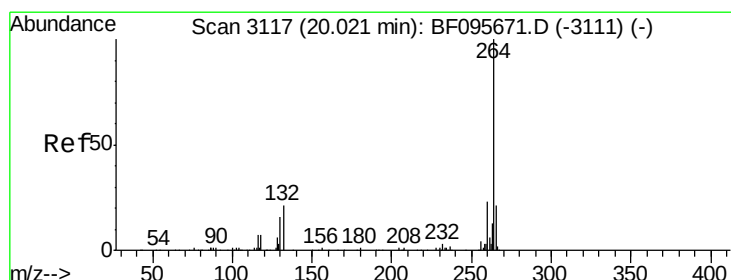
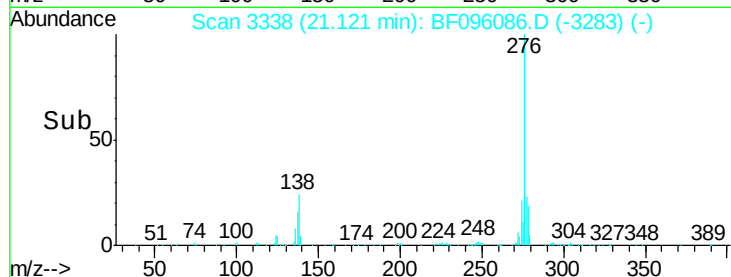
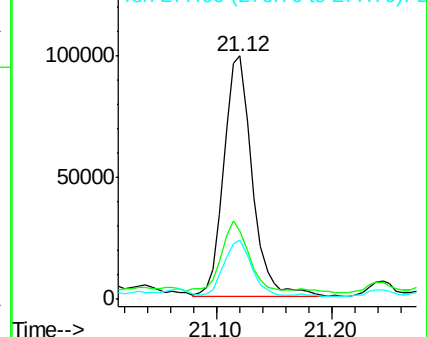
277 22.0 20.2 30.4



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: 20.000 ng

RT: 19.96 min Scan# 3140

Delta R.T. 0.02 min

Lab File: BF096086.D

Acq: 21 Jun 2017 16:03

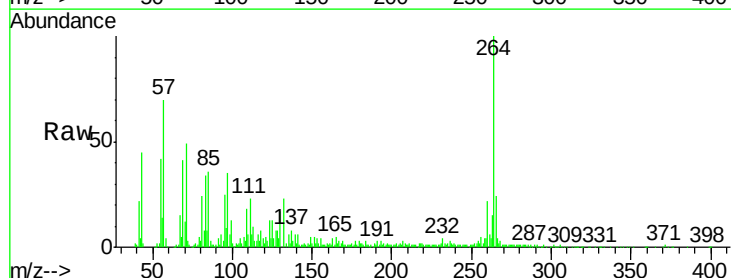
Tgt Ion: 264 Resp: 133399

Ion Ratio Lower Upper

264 100

260 22.5 19.5 29.3

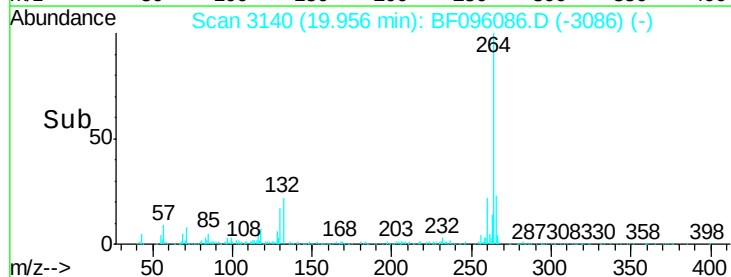
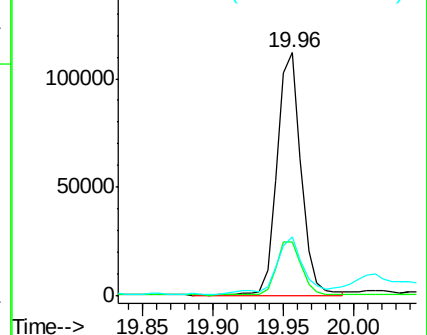
265 24.3 17.2 25.8

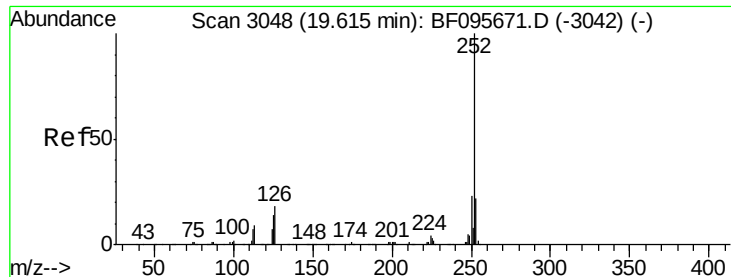


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

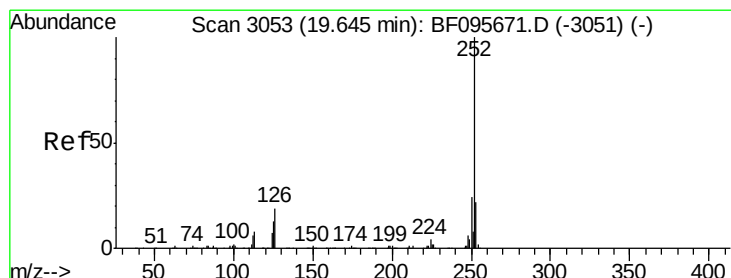
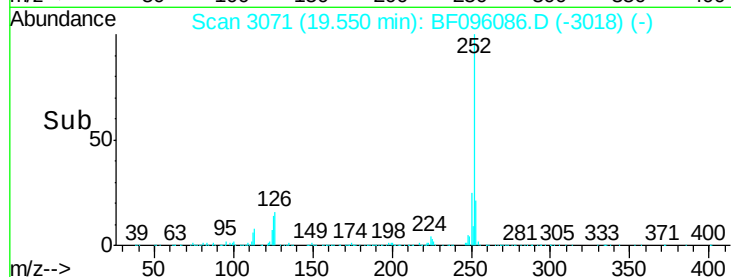
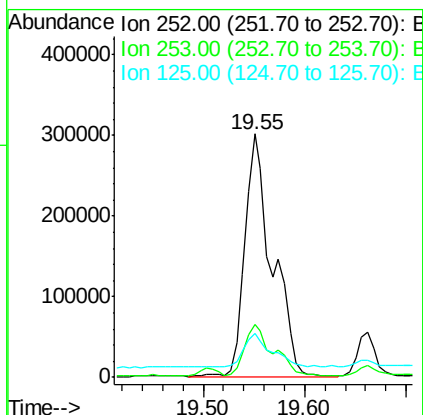
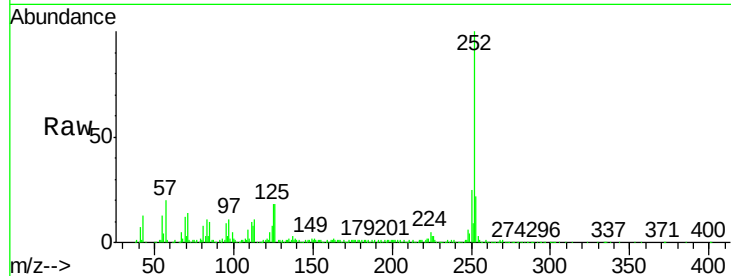




#87
Benzo(b)fluoranthene
Concen: 67.210 ng
RT: 19.55 min Scan# 3071
Delta R.T. 0.01 min
Lab File: BF096086.D
Acq: 21 Jun 2017 16:03

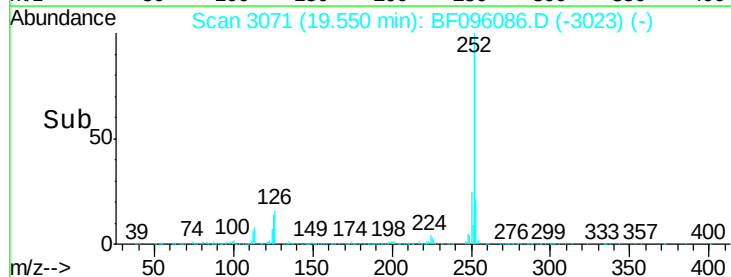
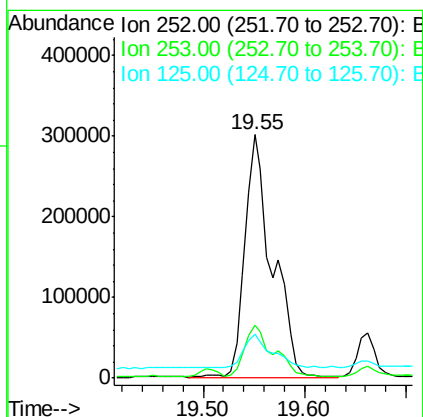
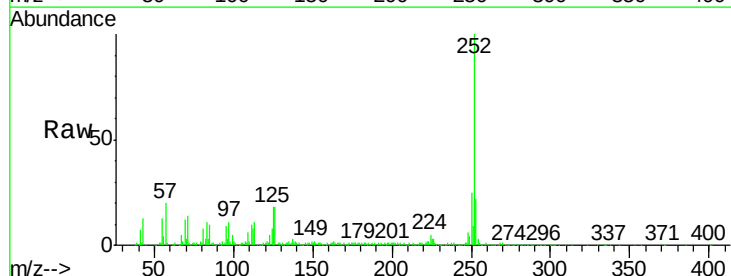
Instrument :
BNA_F
ClientSampleId :
TK4-DUP-20170619

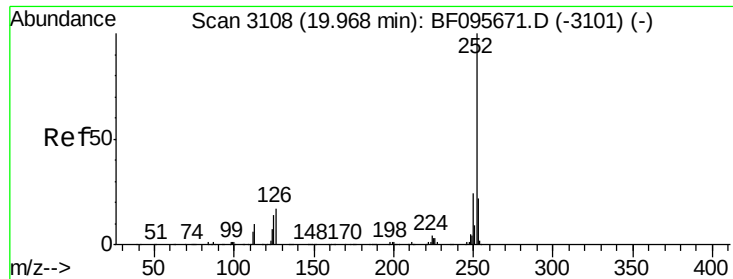
Tgt Ion:252 Resp: 561402
Ion Ratio Lower Upper
252 100
253 21.5 18.1 27.1
125 18.1 9.8 14.8#



#88
Benzo(k)fluoranthene
Concen: 70.315 ng
RT: 19.55 min Scan# 3071
Delta R.T. -0.02 min
Lab File: BF096086.D
Acq: 21 Jun 2017 16:03

Tgt Ion:252 Resp: 561402
Ion Ratio Lower Upper
252 100
253 21.5 18.4 27.6
125 18.1 13.1 19.7





#89

Benzo(a)pyrene

Concen: 42.717 ng

RT: 19.90 min Scan# 3130

Delta R.T. 0.01 min

Lab File: BF096086.D

Acq: 21 Jun 2017 16:03

Instrument :

BNA_F

ClientSampleId :

TK4-DUP-20170619

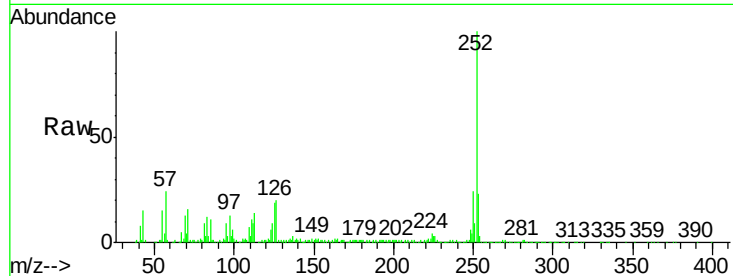
Tgt Ion:252 Resp: 327954

Ion Ratio Lower Upper

252 100

253 23.5 17.5 26.3

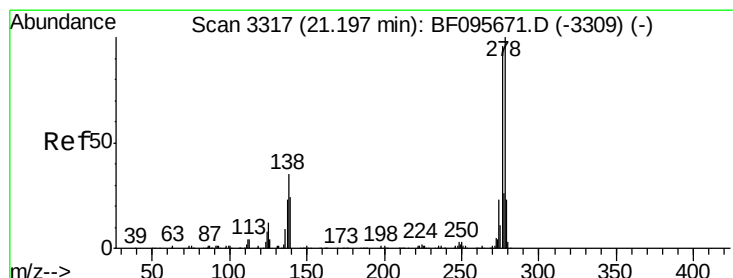
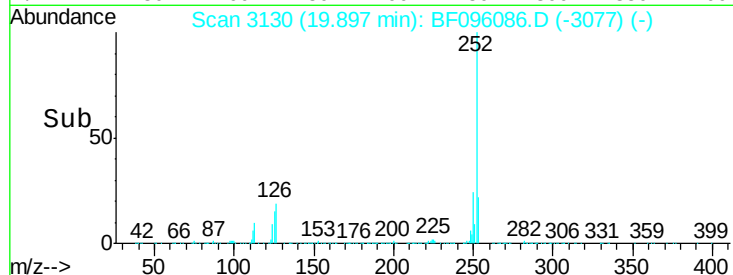
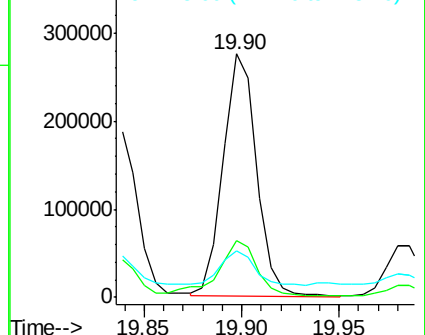
125 19.2 11.0 16.4#



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: 8.523 ng

RT: 21.11 min Scan# 3337

Delta R.T. 0.02 min

Lab File: BF096086.D

Acq: 21 Jun 2017 16:03

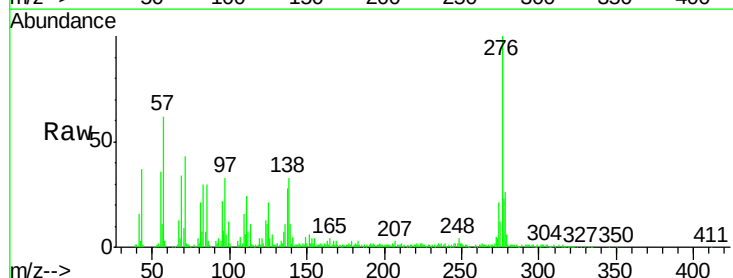
Tgt Ion:278 Resp: 55504

Ion Ratio Lower Upper

278 100

139 43.4 16.6 24.8#

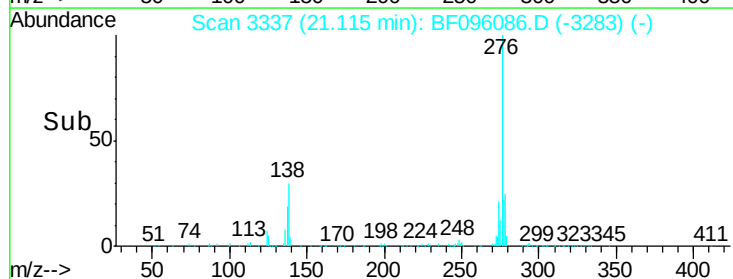
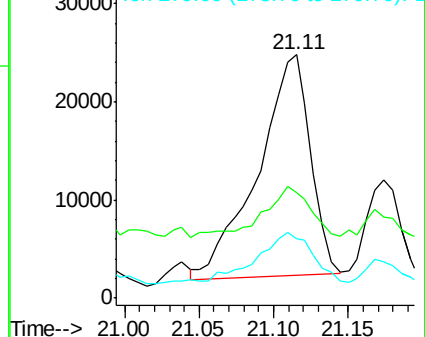
279 24.4 19.3 28.9

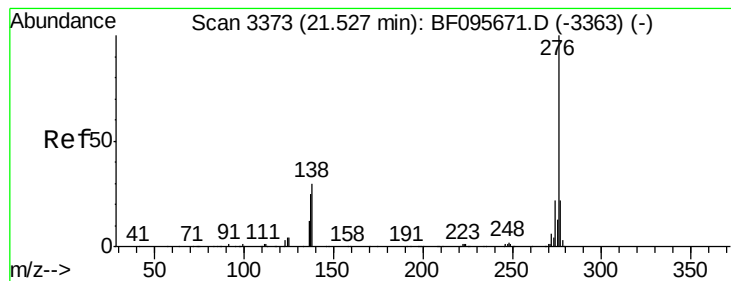


Abundance Ion 278.00 (277.70 to 278.70): E

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: 24.047 ng

RT: 21.44 min Scan# 3393

Delta R.T. 0.02 min

Lab File: BF096086.D

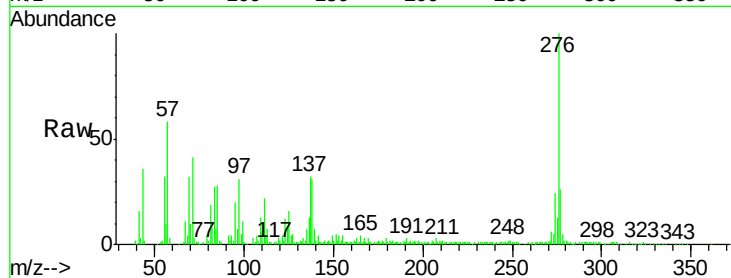
Acq: 21 Jun 2017 16:03

Instrument :

BNA_F

ClientSampleId :

TK4-DUP-20170619



Tgt Ion: 276 Resp: 159660

Ion Ratio Lower Upper

276 100

277 26.5 18.6 28.0

138 31.4 25.4 38.0

