

Data Path : C:\DOCUMENTS AND SETTINGS\AYUL\DESKTOP\BF051415\
 Data File : BF079256.D
 Acq On : 15 May 2015 4:39
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 05 04:10:10 2015
 Quant Method : C:\DOCUMENTS AND SETTINGS\AYUL\DESKTOP\BF051415\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 05:08:22 2015
 Response via : Initial Calibration

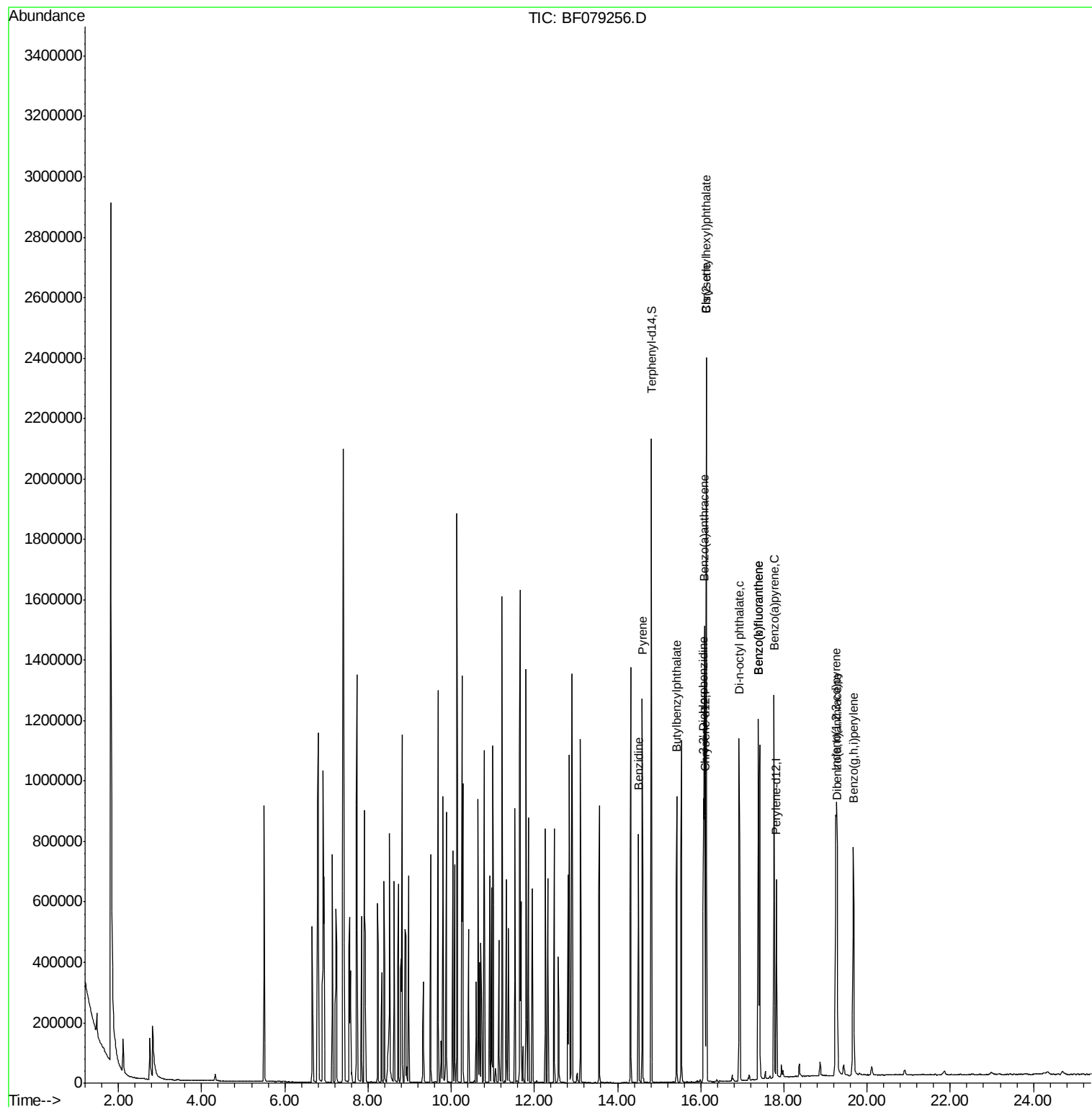
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-7.13
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.71
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-10.88
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-12.72
75) Chrysene-d12	16.10	240	298093	20.00	ng	0.08
86) Perylene-d12	17.82	264	307832	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	7.84	82	13366	0.00	ng	0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	14.81	244	894084	71.81	ng	0.09
Target Compounds						
76) Benzidine	14.50	184	397670	49.50	ng	Qvalue 97
77) Pyrene	14.59	202	630431	36.70	ng	99
79) Butylbenzylphthalate	15.43	149	295984	39.42	ng	91
80) Benzo(a)anthracene	16.09	228	622392	38.13	ng	99
81) 3,3'-Dichlorobenzidine	16.07	252	241596	41.55	ng	99
82) Chrysene	16.14	228	581674	37.05	ng	100
83) Bis(2-ethylhexyl)phthalate	16.14	149	419872	36.92	ng	# 98
84) Di-n-octyl phthalate	16.93	149	752114	37.55	ng	97
85) Indeno(1,2,3-cd)pyrene	19.25	276	778413	38.91	ng	99
87) Benzo(b)fluoranthene	17.38	252	643637	38.20	ng	# 97
88) Benzo(k)fluoranthene	17.38	252	643637	39.46	ng	98
89) Benzo(a)pyrene	17.76	252	607478	39.16	ng	99
90) Dibenzo(a,h)anthracene	19.28	278	633090	38.40	ng	98
91) Benzo(g,h,i)perylene	19.67	276	625421	37.84	ng	# 96

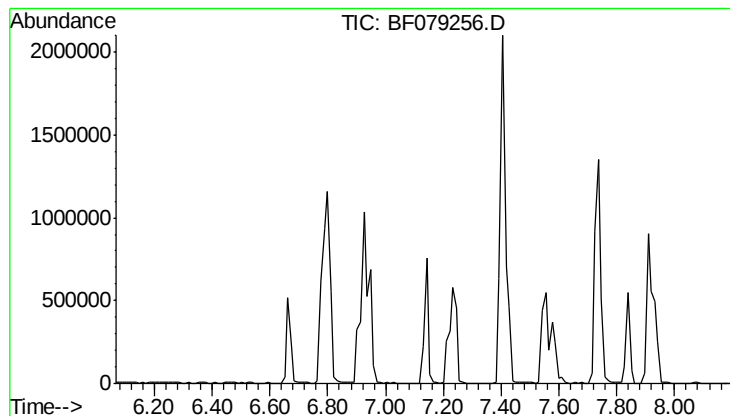
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 7.13 min

Lab File: BF079256.D

Acq: 15 May 2015 4:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

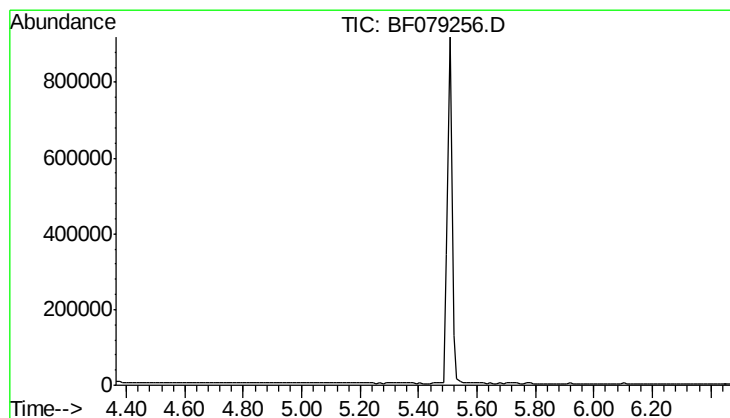
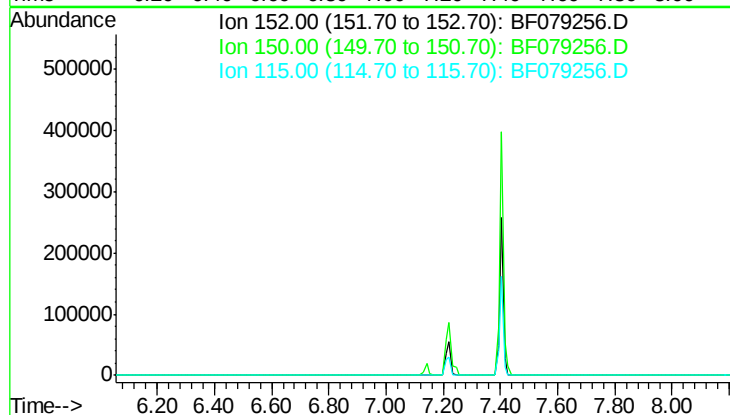
Tot Ion: 152

Sig Exp Ratio

152 100

150 154.8

115 61.7



#5

2-Fluorophenol

Concen: 0.00 ng

Expected RT: 5.42 min

Lab File: BF079256.D

Acq: 15 May 2015 4:39

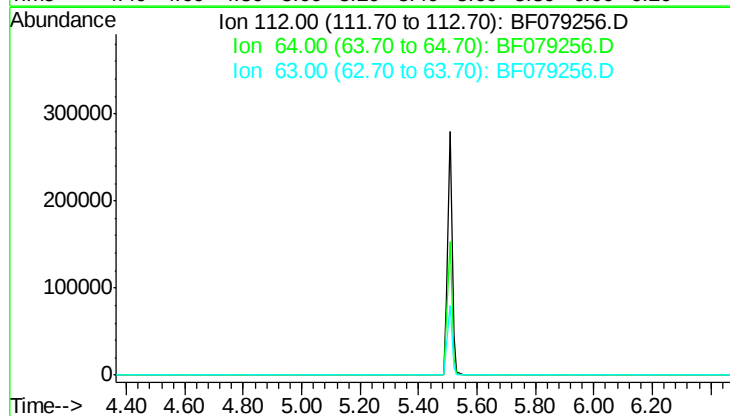
Tgt Ion: 112

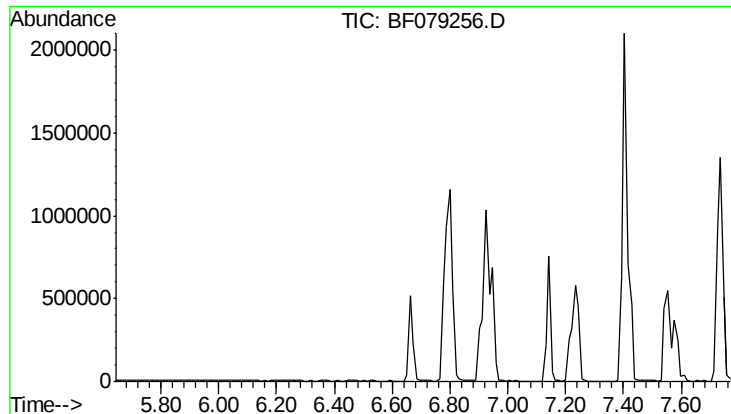
Sig Exp Ratio

112 100

64 55.2

63 28.4





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.71 min

Lab File: BF079256.D

Acq: 15 May 2015 4:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

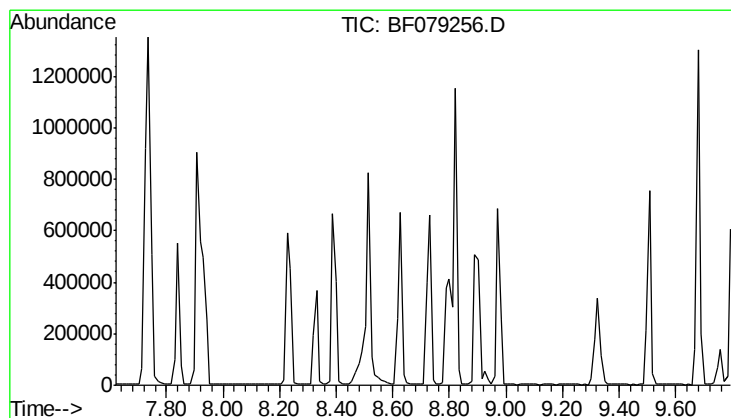
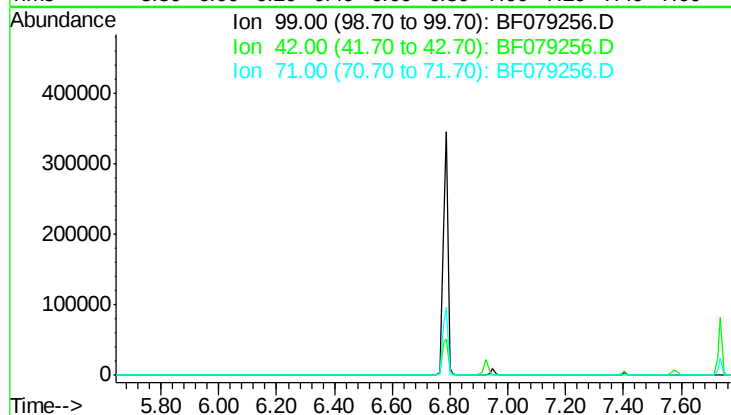
Tot Ion: 99

Sig Exp Ratio

99 100

42 21.4

71 32.9



#21

Naphthalene-d8

Concen: 0.00 ng

Expected RT: 8.71 min

Lab File: BF079256.D

Acq: 15 May 2015 4:39

Tgt Ion: 136

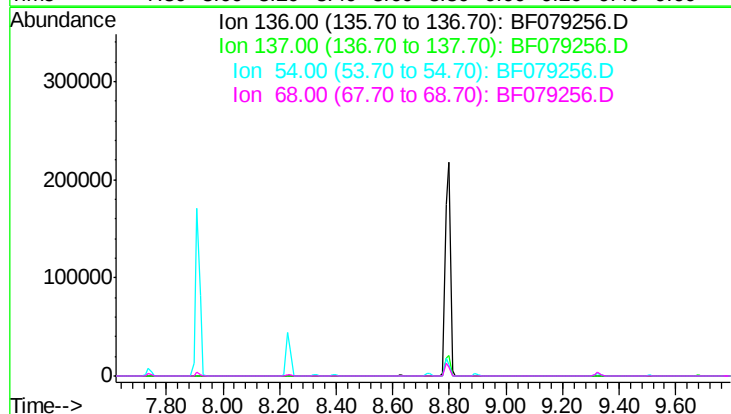
Sig Exp Ratio

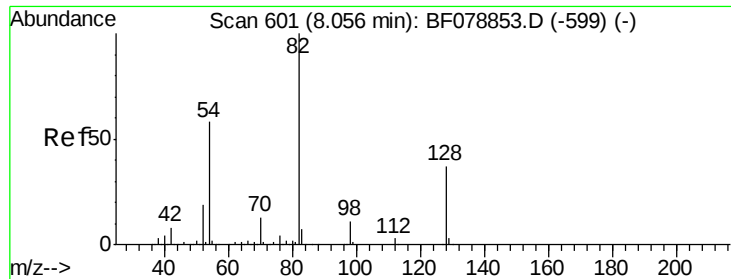
136 100

137 11.0

54 8.6

68 6.1

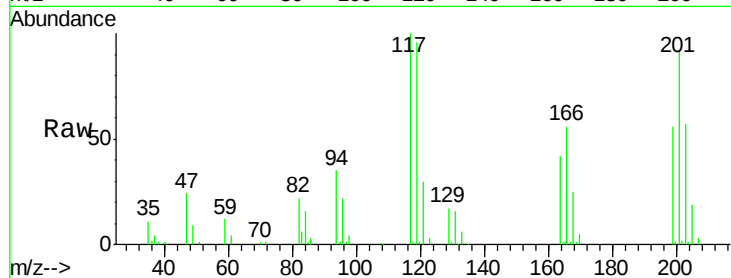




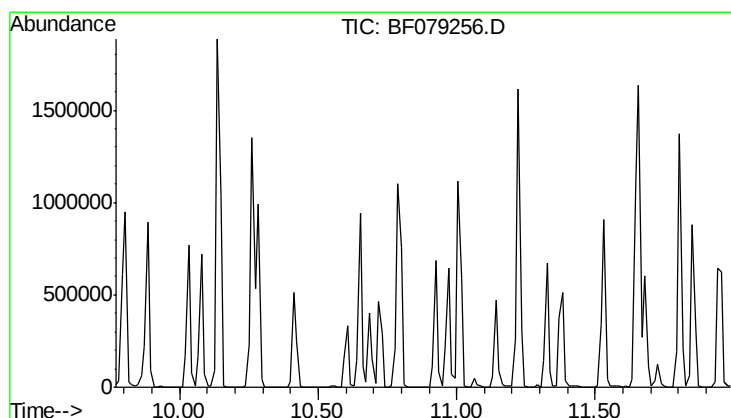
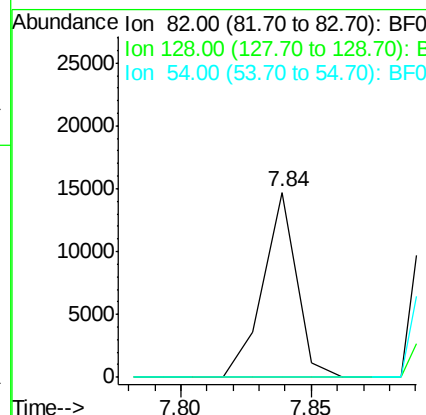
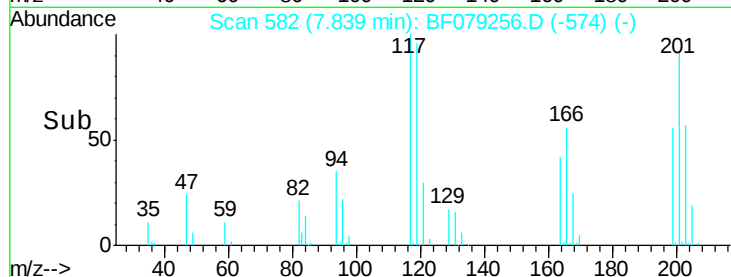
#23
Nitrobenzene-d5
Concen: 0.00 ng
RT: 7.84 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF079256.D
Acq: 15 May 2015 4:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 13366
Ion Ratio Lower Upper
82 100
128 0.0 29.7 44.5#
54 0.0 46.2 69.4#



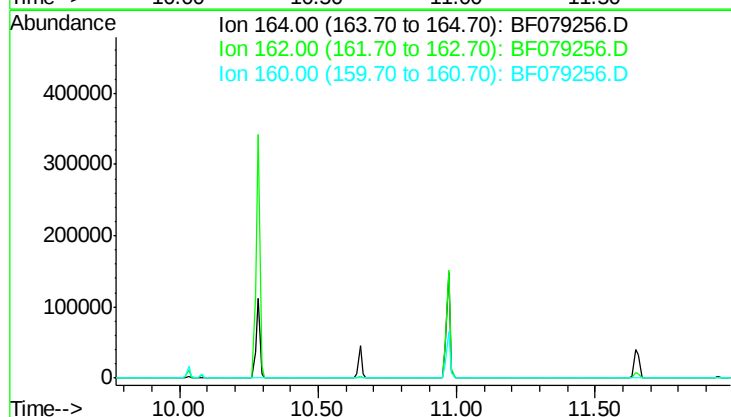
Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

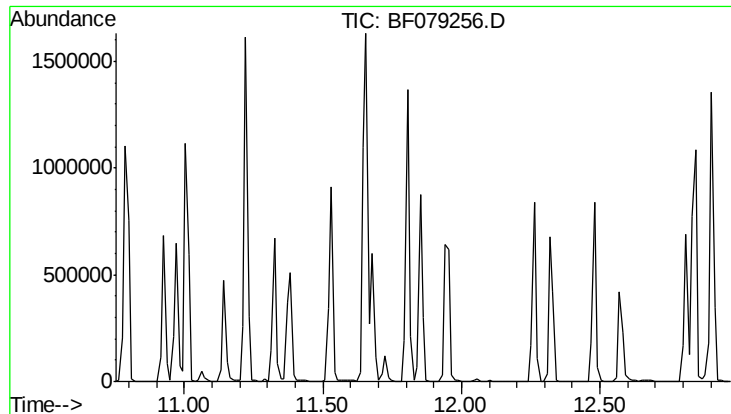


#38
Acenaphthene-d10
Concen: 0.00 ng
Expected RT: 10.88 min

Lab File: BF079256.D
Acq: 15 May 2015 4:39

Tgt Ion: 164
Sig Exp Ratio
164 100
162 101.7
160 45.7

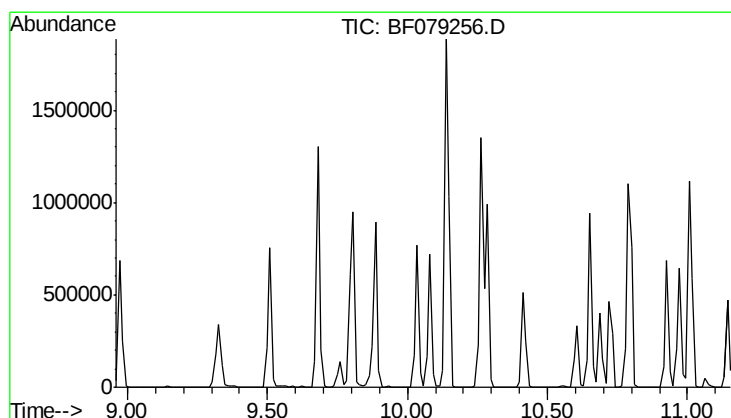
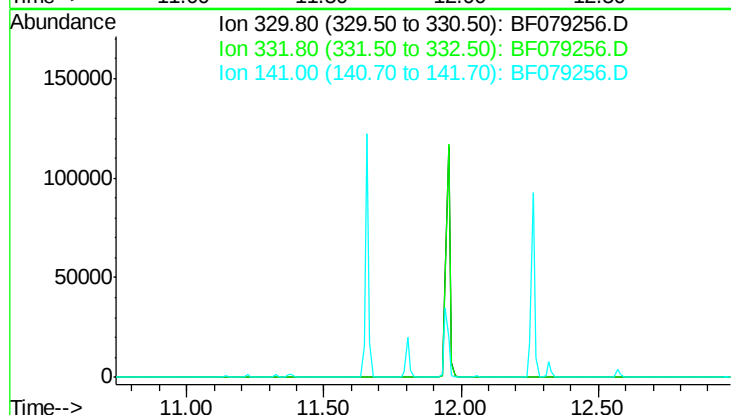




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 11.86 min
 Lab File: BF079256.D
 Acq: 15 May 2015 4:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

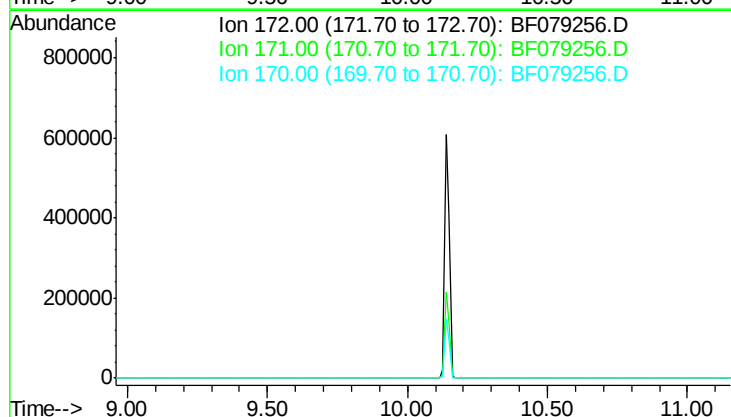
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.1
 141 34.8

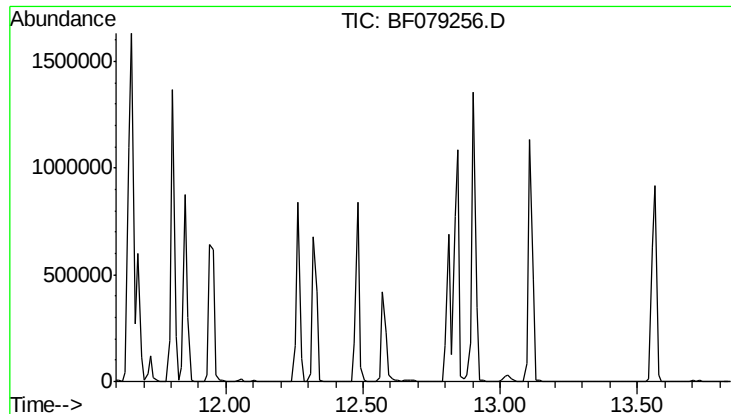


#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 10.06 min

Lab File: BF079256.D
 Acq: 15 May 2015 4:39

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 35.4
 170 24.3

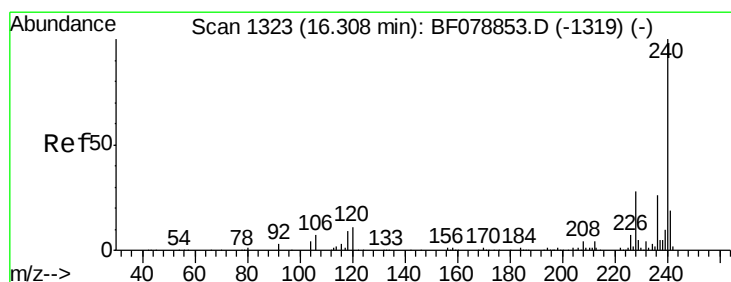
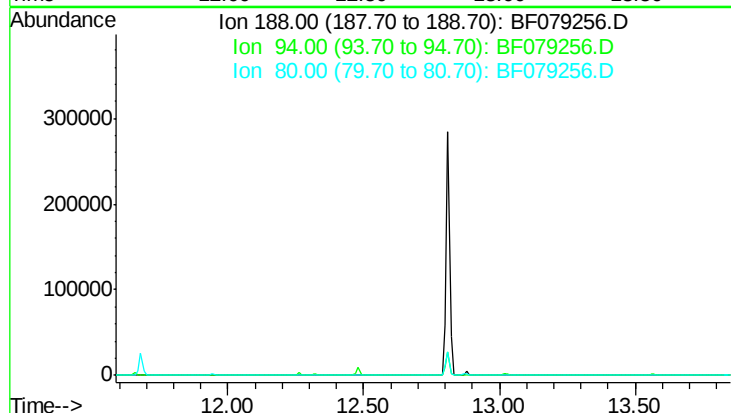




#63
 Phenanthrene-d10
 Concen: 0.00 ng
 Expected RT: 12.72 min
 Lab File: BF079256.D
 Acq: 15 May 2015 4:39

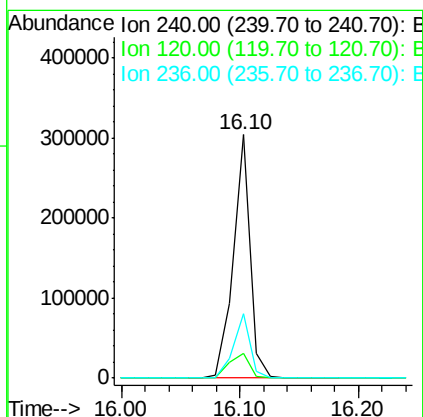
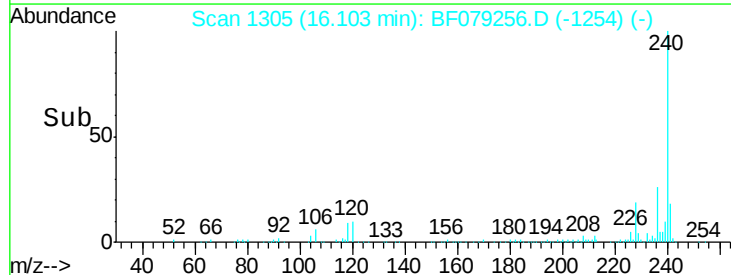
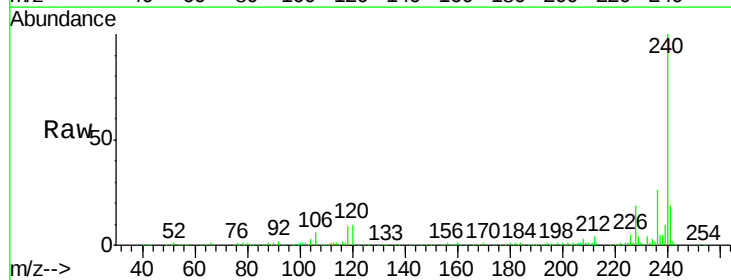
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

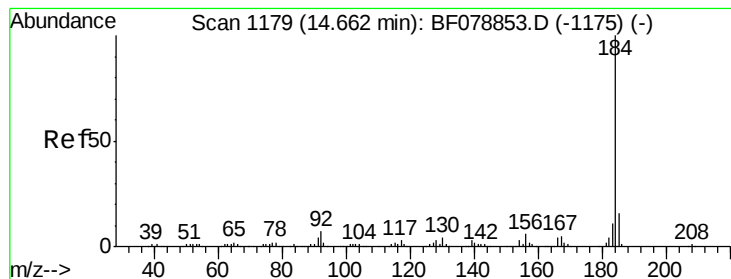
Tot Ion: 188
 Sig Exp Ratio
 188 100
 94 11.7
 80 12.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.10 min Scan# 1305
 Delta R.T. 0.08 min
 Lab File: BF079256.D
 Acq: 15 May 2015 4:39

Tgt Ion:240 Resp: 298093
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.6 12.8
 236 26.3 21.0 31.6





#76

Benzidine

Concen: 49.50 ng

RT: 14.50 min Scan# 1165

Delta R.T. 0.09 min

Lab File: BF079256.D

Acq: 15 May 2015 4:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

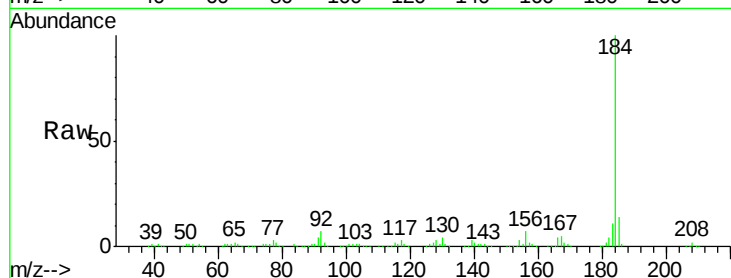
Tot Ion:184 Resp: 397670

Ion Ratio Lower Upper

184 100

185 14.3 12.8 19.2

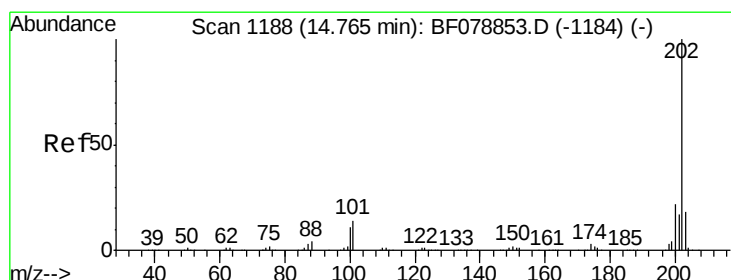
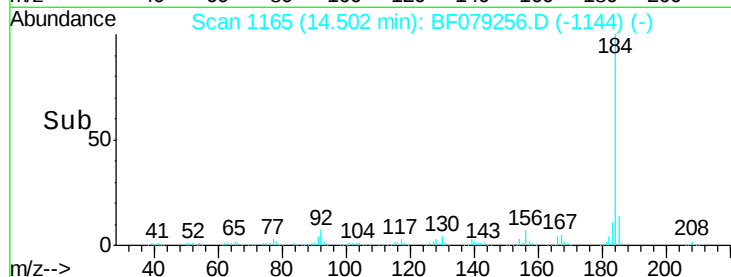
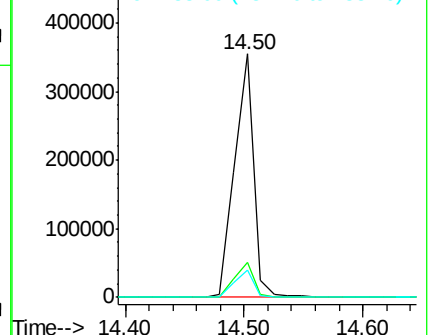
183 11.0 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 36.70 ng

RT: 14.59 min Scan# 1173

Delta R.T. 0.09 min

Lab File: BF079256.D

Acq: 15 May 2015 4:39

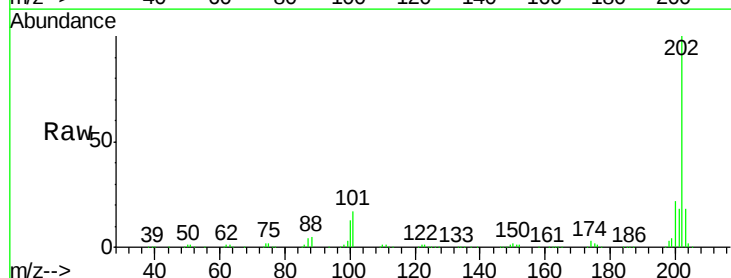
Tgt Ion:202 Resp: 630431

Ion Ratio Lower Upper

202 100

200 21.6 17.5 26.3

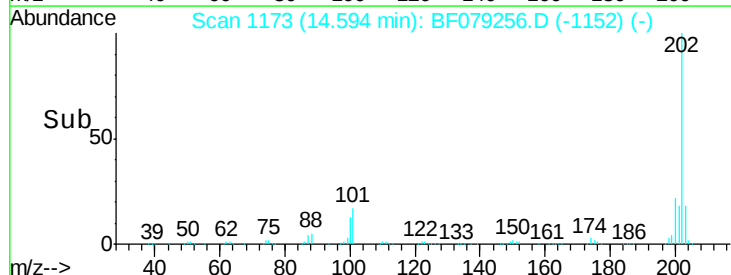
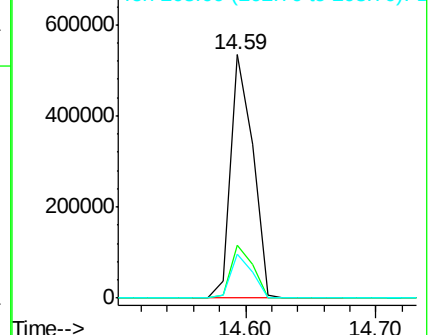
203 18.1 14.7 22.1

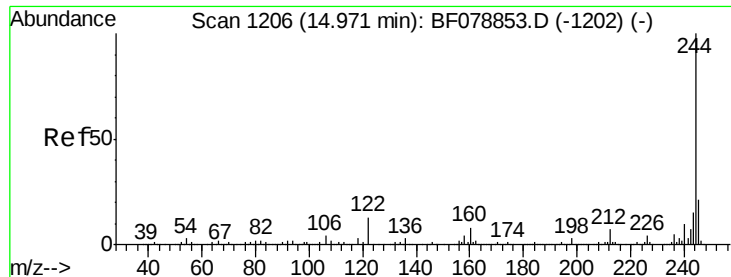


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 71.81 ng

RT: 14.81 min Scan# 1192

Delta R.T. 0.09 min

Lab File: BF079256.D

Acq: 15 May 2015 4:39

Instrument :

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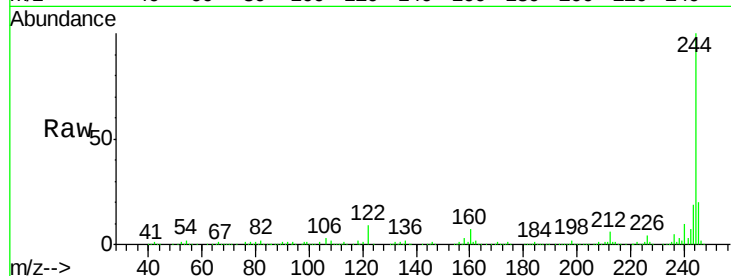
Tot Ion:244 Resp: 894084

Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

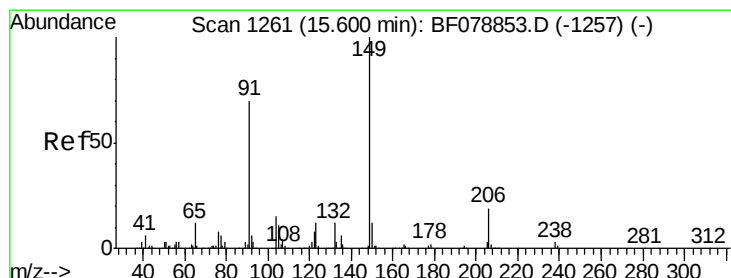
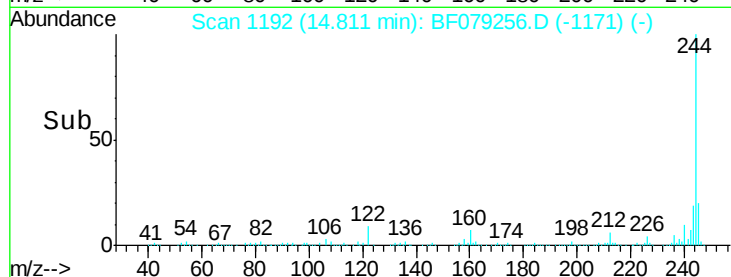
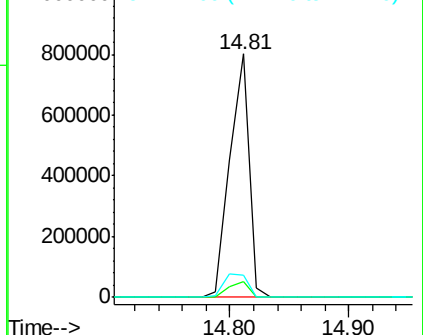
122 9.4 10.5 15.7#



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



#79

Butylbenzylphthalate

Concen: 39.42 ng

RT: 15.43 min Scan# 1246

Delta R.T. 0.09 min

Lab File: BF079256.D

Acq: 15 May 2015 4:39

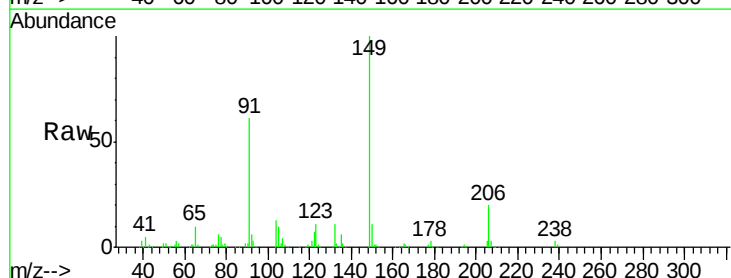
Tgt Ion:149 Resp: 295984

Ion Ratio Lower Upper

149 100

91 61.1 56.2 84.2

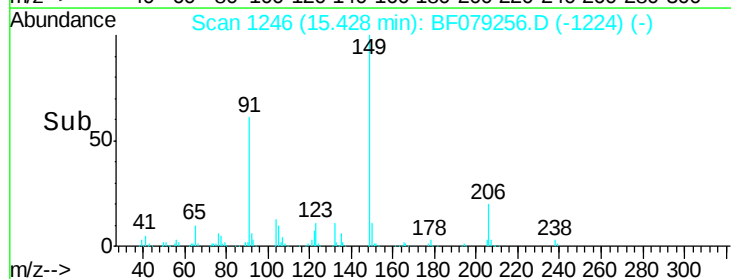
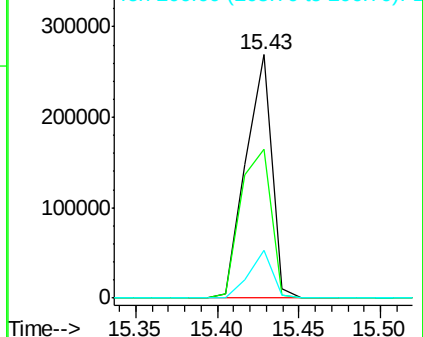
206 19.6 15.2 22.8

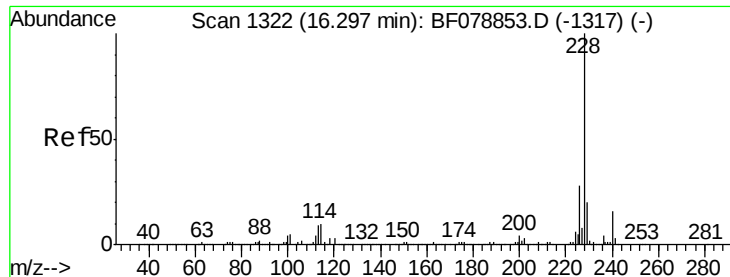


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 38.13 ng

RT: 16.09 min Scan# 1304

Delta R.T. 0.08 min

Lab File: BF079256.D

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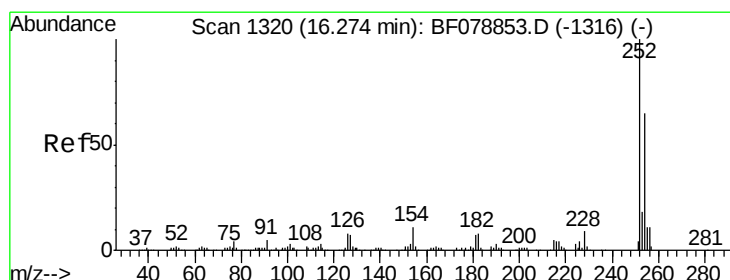
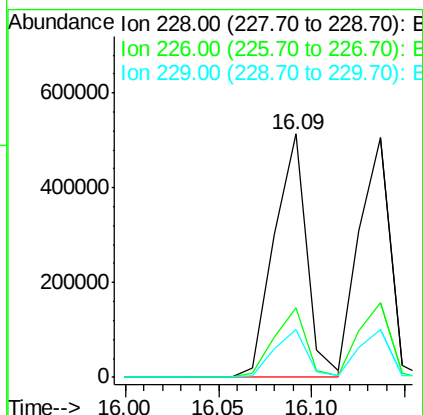
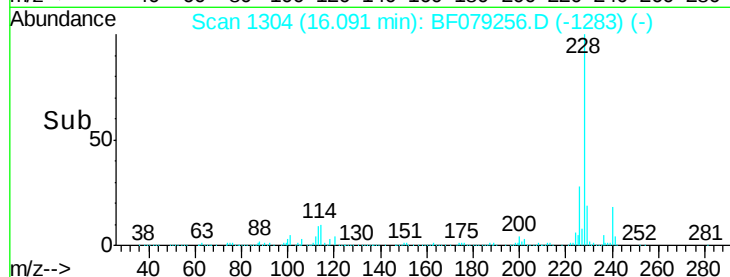
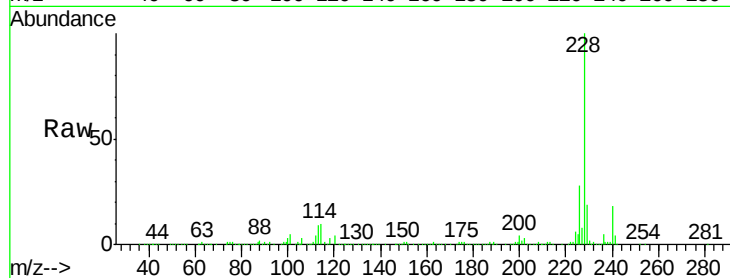
Tot Ion:228 Resp: 622392

Ion Ratio Lower Upper

228 100

226 28.4 22.3 33.5

229 19.4 16.1 24.1



#81

3,3'-Dichlorobenzidine

Concen: 41.55 ng

RT: 16.07 min Scan# 1302

Delta R.T. 0.08 min

Lab File: BF079256.D

Acq: 15 May 2015 4:39

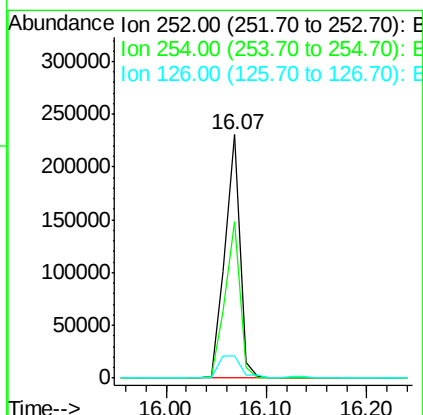
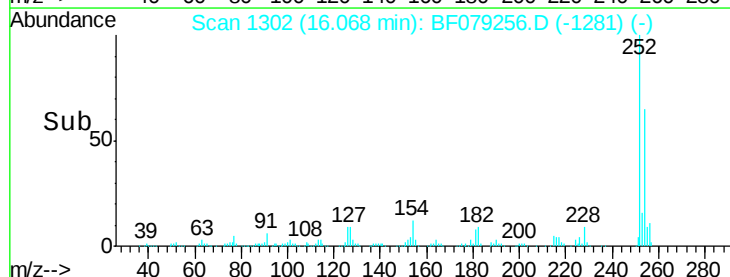
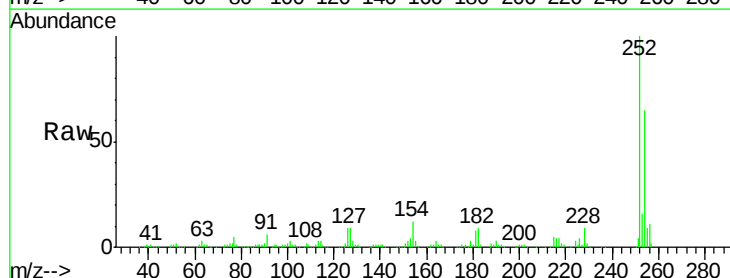
Tgt Ion:252 Resp: 241596

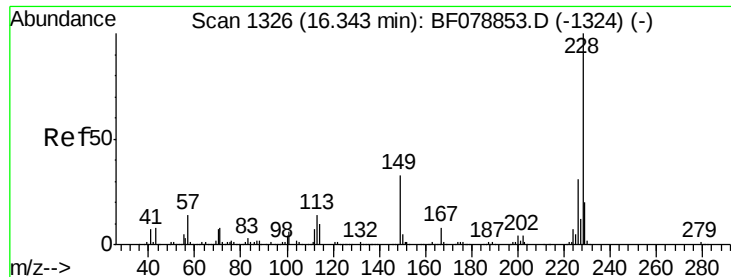
Ion Ratio Lower Upper

252 100

254 64.5 52.2 78.2

126 9.2 6.6 9.8





#82

Chrysene

Concen: 37.05 ng

RT: 16.14 min Scan# 1308

Delta R.T. 0.08 min

Lab File: BF079256.D

Acq: 15 May 2015 4:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

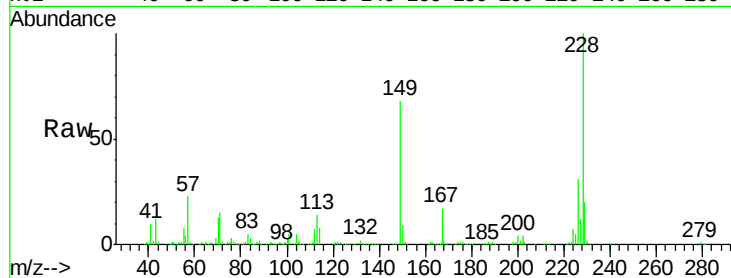
Tot Ion:228 Resp: 581674

Ion Ratio Lower Upper

228 100

226 31.1 24.8 37.2

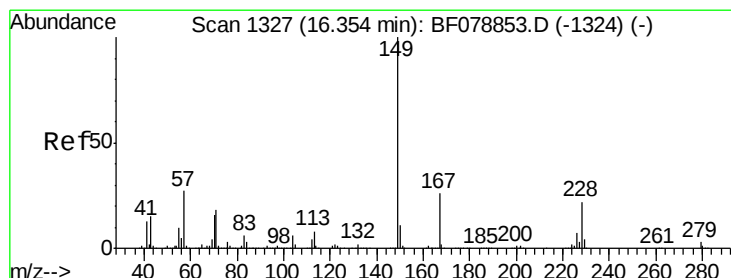
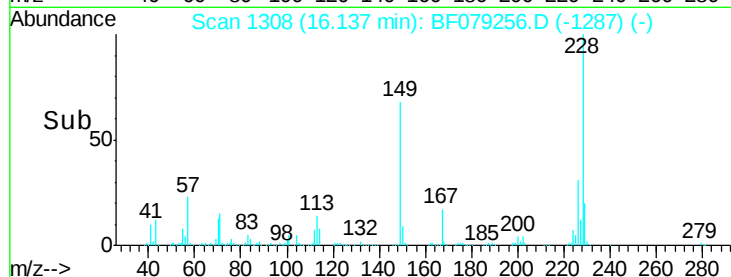
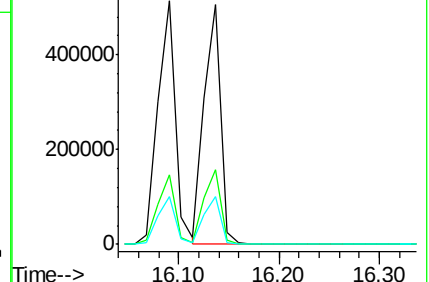
229 19.8 16.1 24.1



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: 36.92 ng

RT: 16.14 min Scan# 1308

Delta R.T. 0.07 min

Lab File: BF079256.D

Acq: 15 May 2015 4:39

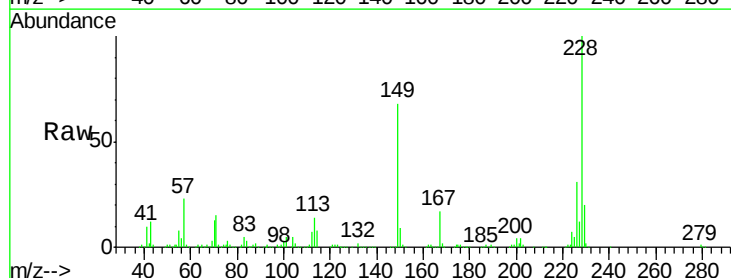
Tgt Ion:149 Resp: 419872

Ion Ratio Lower Upper

149 100

167 25.6 21.2 31.8

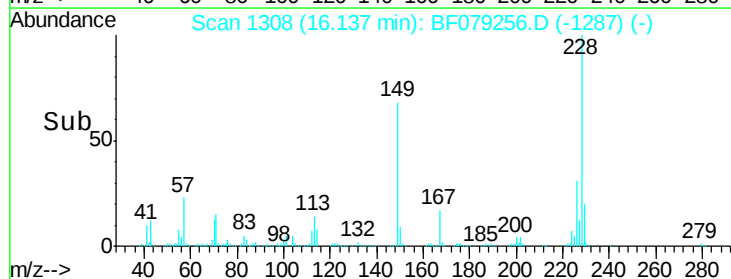
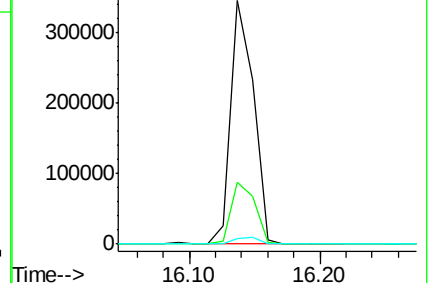
279 2.1 2.6 4.0#

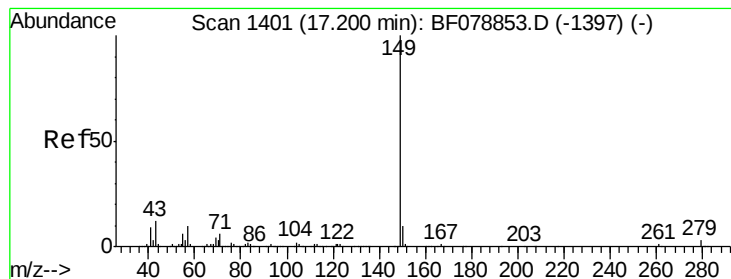


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 37.55 ng

RT: 16.93 min Scan# 1377

Delta R.T. 0.03 min

Lab File: BF079256.D

Acq: 15 May 2015 4:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

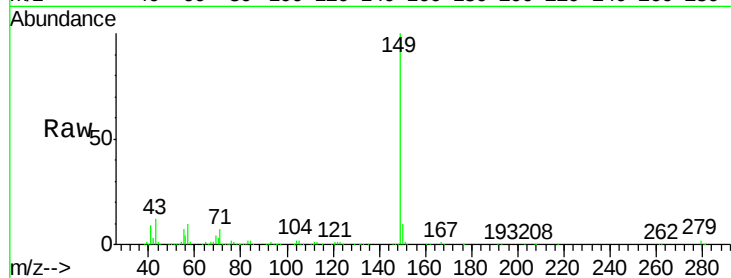
Tot Ion:149 Resp: 752114

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

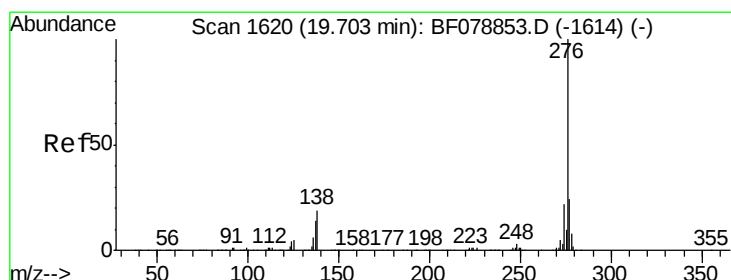
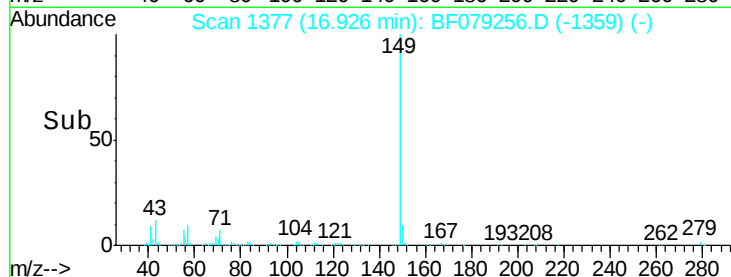
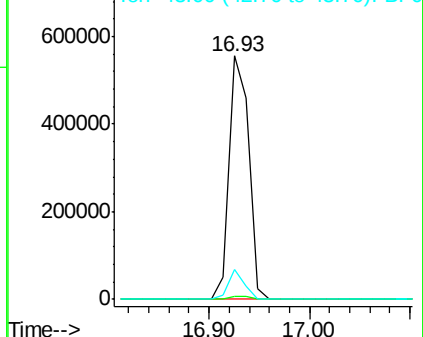
43 10.1 9.0 13.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 38.91 ng

RT: 19.25 min Scan# 1580

Delta R.T. 0.03 min

Lab File: BF079256.D

Acq: 15 May 2015 4:39

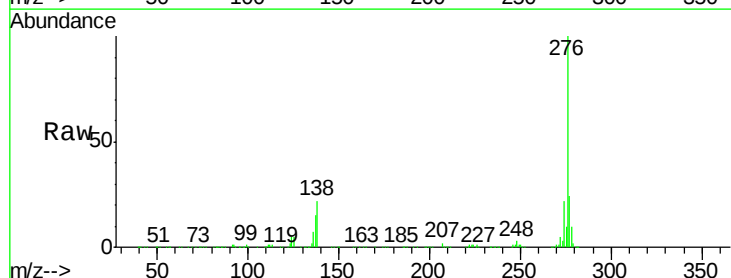
Tgt Ion:276 Resp: 778413

Ion Ratio Lower Upper

276 100

138 25.8 21.1 31.7

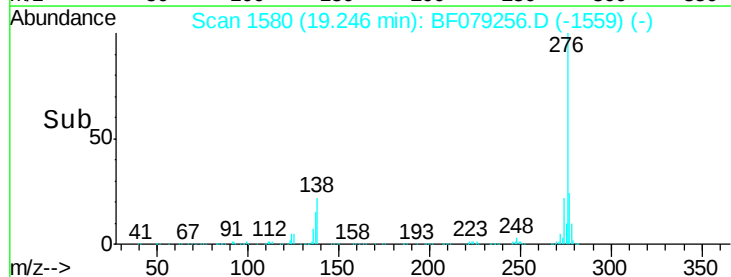
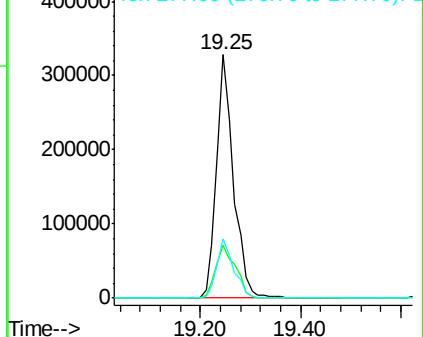
277 24.8 19.9 29.9

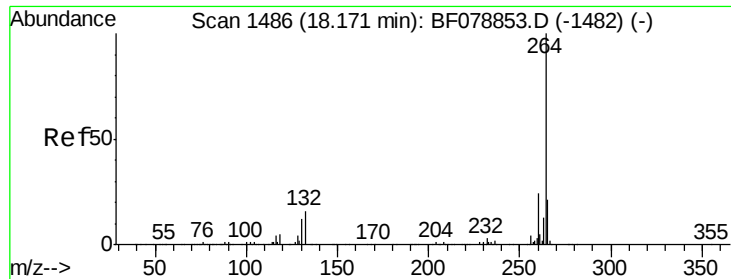


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

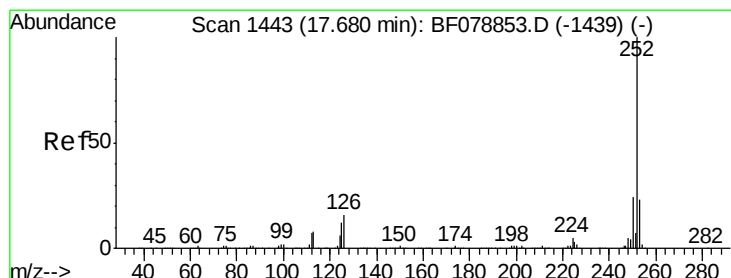
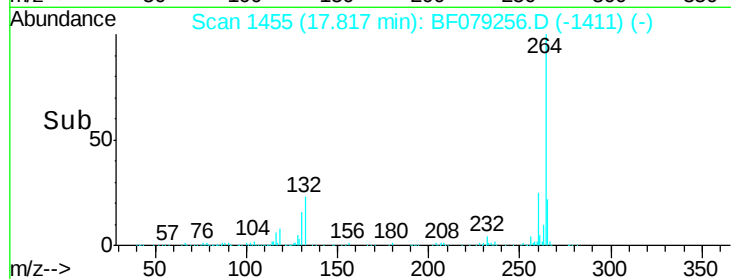
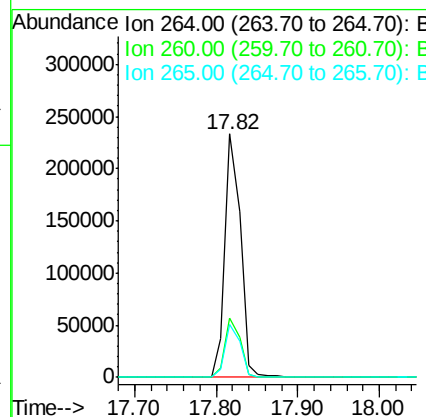
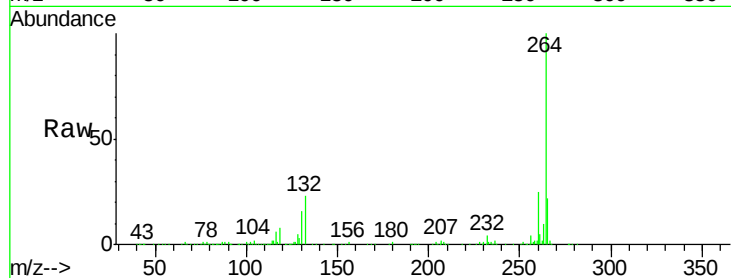




#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.82 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF079256.D
Acq: 15 May 2015 4:39

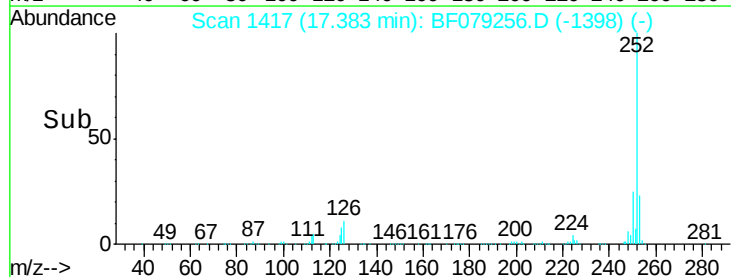
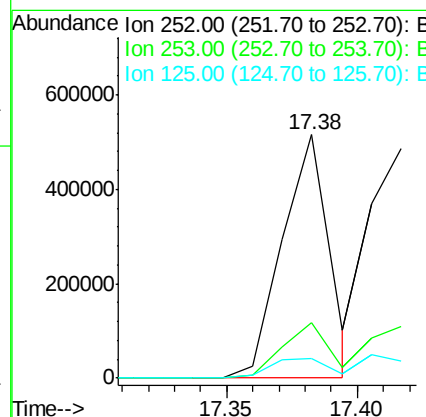
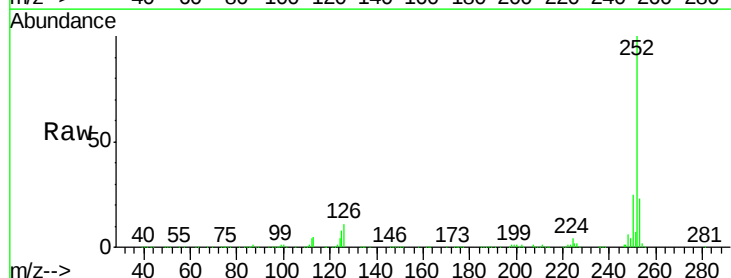
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

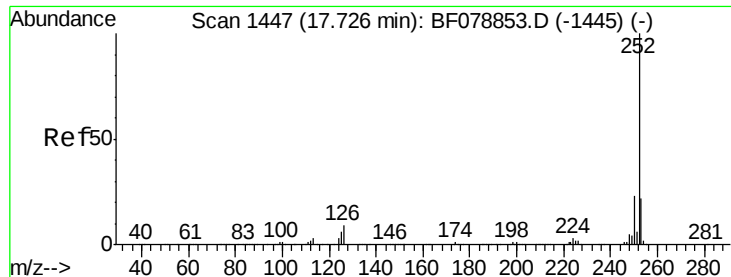
Tot Ion:264 Resp: 307832
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 21.7 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 38.20 ng
RT: 17.38 min Scan# 1417
Delta R.T. 0.03 min
Lab File: BF079256.D
Acq: 15 May 2015 4:39

Tgt Ion:252 Resp: 643637
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 7.9 9.4 14.2#

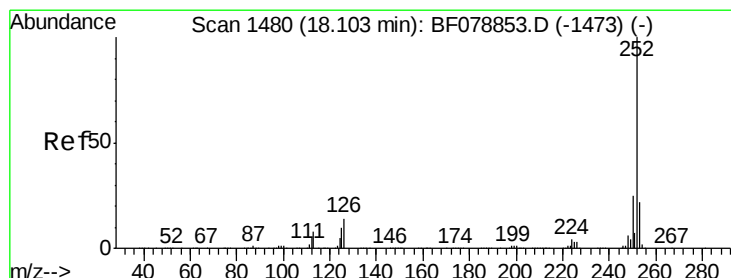
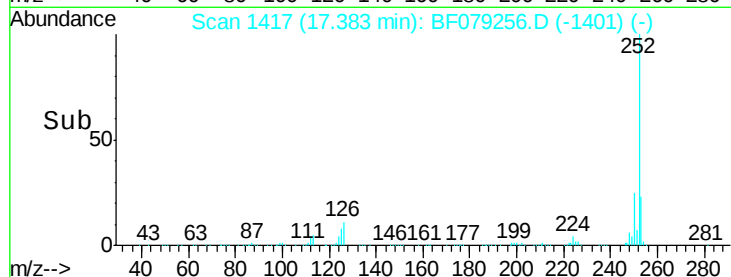
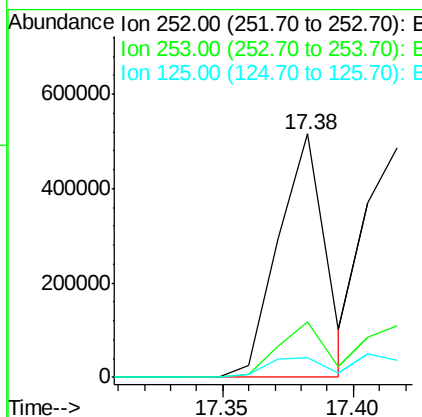
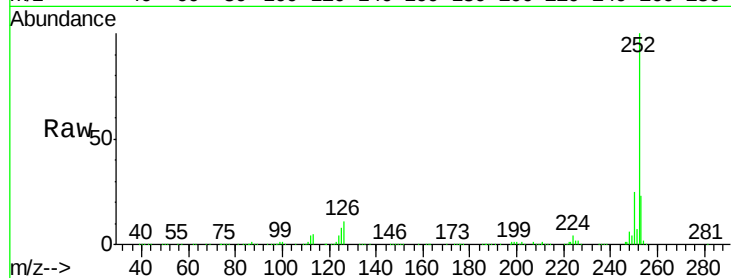




#88
Benzo(k)fluoranthene
Concen: 39.46 ng
RT: 17.38 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF079256.D
Acq: 15 May 2015 4:39

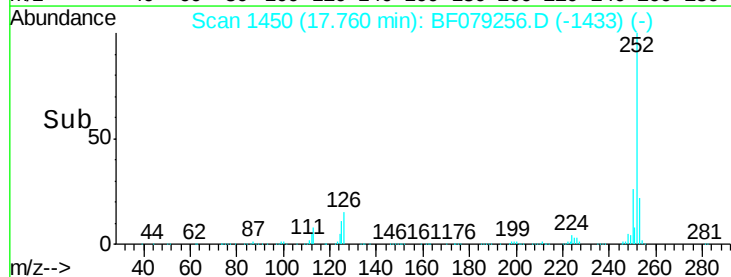
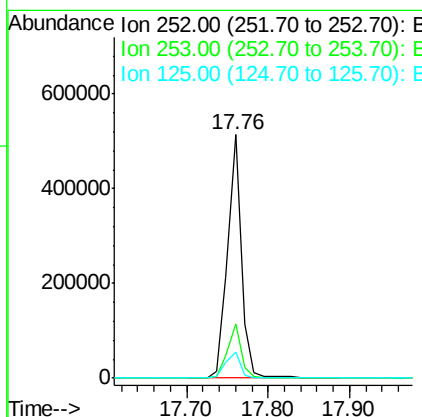
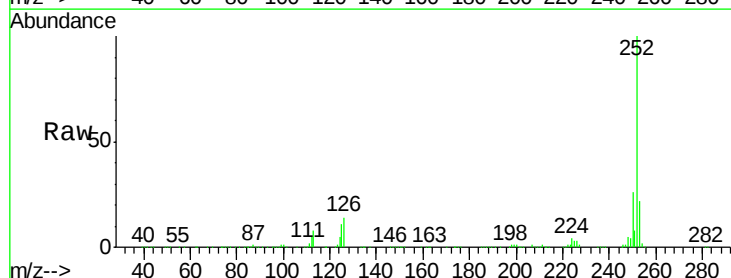
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

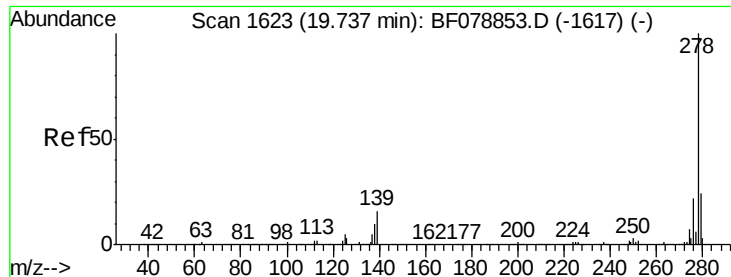
Tot Ion:252 Resp: 643637
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 7.9 6.1 9.1



#89
Benzo(a)pyrene
Concen: 39.16 ng
RT: 17.76 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF079256.D
Acq: 15 May 2015 4:39

Tgt Ion:252 Resp: 607478
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 10.8 8.2 12.2





#90

Dibenzo(a,h)anthracene

Concen: 38.40 ng

RT: 19.28 min Scan# 1583

Delta R.T. 0.03 min

Lab File: BF079256.D

Acq: 15 May 2015 4:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

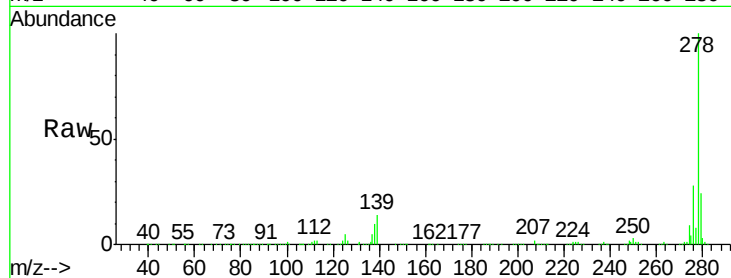
Tot Ion:278 Resp: 633090

Ion Ratio Lower Upper

278 100

139 13.9 13.1 19.7

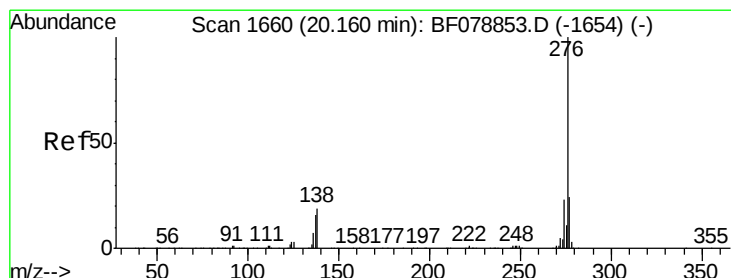
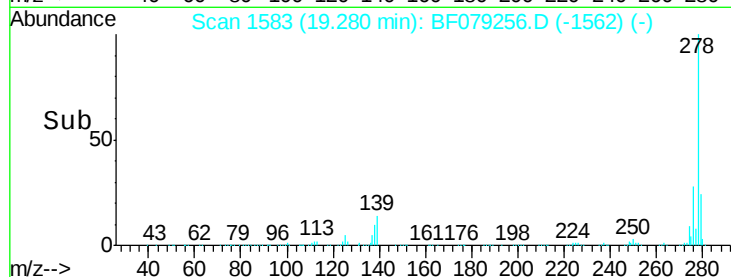
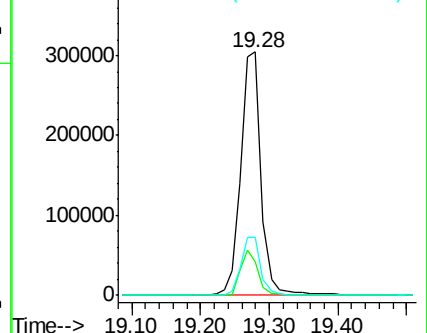
279 23.8 19.1 28.7



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: 37.84 ng

RT: 19.67 min Scan# 1617

Delta R.T. 0.05 min

Lab File: BF079256.D

Acq: 15 May 2015 4:39

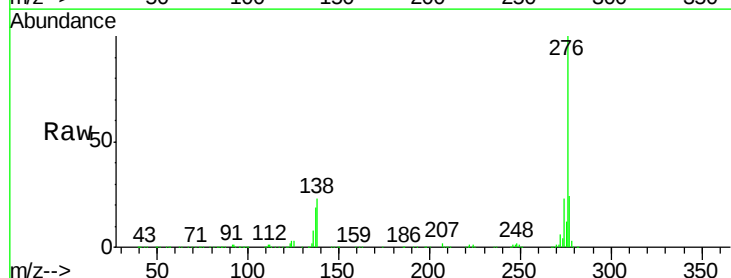
Tgt Ion:276 Resp: 625421

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 22.9 15.2 22.8#



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

