

Data Path : C:\DOCUMENTS AND SETTINGS\AYUL\DESKTOP\BF051415\
 Data File : BF079252.D
 Acq On : 15 May 2015 1:23
 Operator : TP/IZ
 Sample : G2216-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-4

Quant Time: Aug 05 04:09:39 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

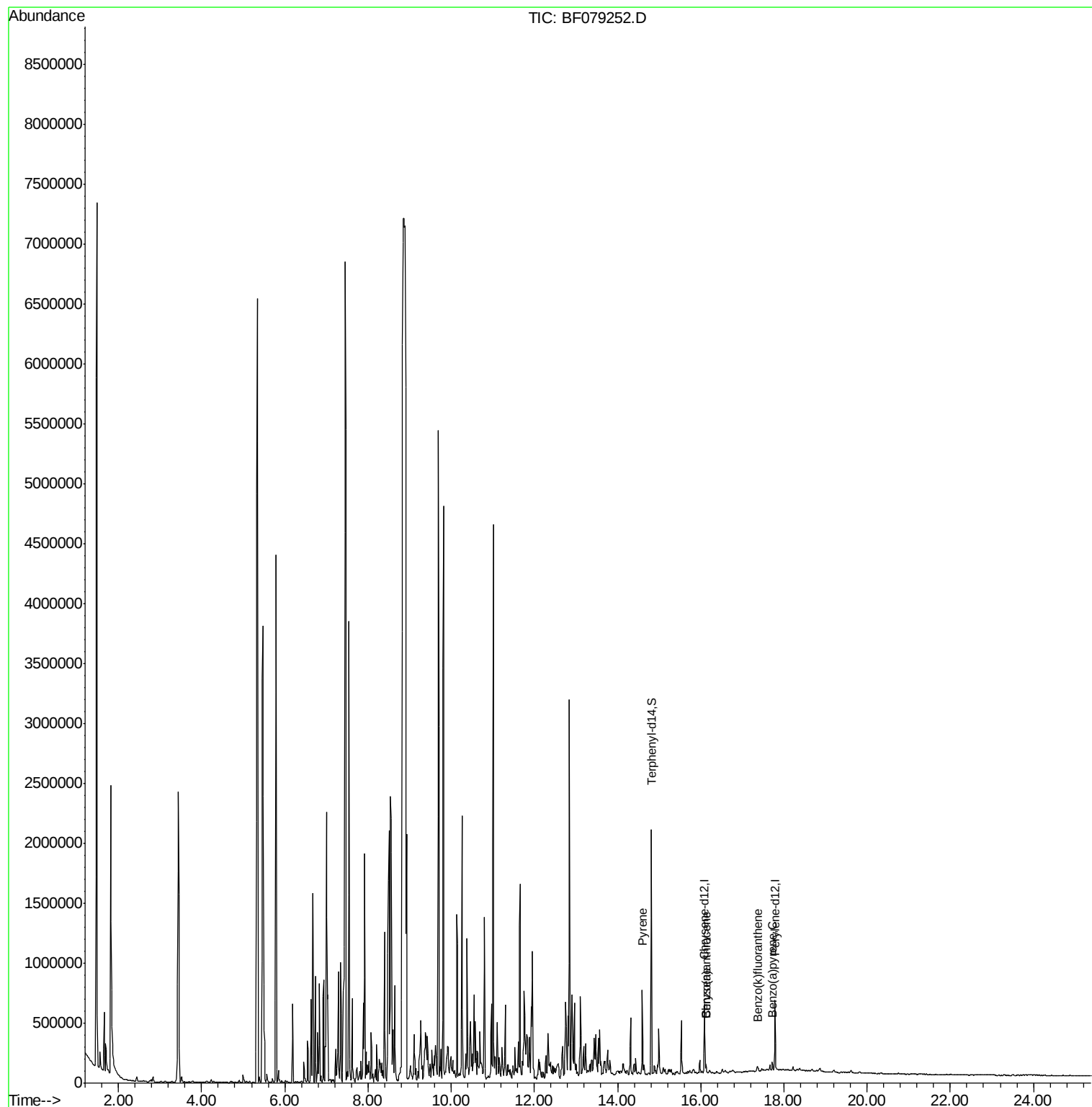
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-7.13
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.71
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-10.88
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-12.72
75) Chrysene-d12	16.09	240	231371	20.00	ng	0.07
86) Perylene-d12	17.78	264	249769	20.00	ng	-0.03
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	0.00	82	0	0.00	ng	
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	834933	86.40	ng	0.09
Target Compounds						
77) Pyrene	14.59	202	296588	22.25	ng	Qvalue 100
80) Benzo(a)anthracene	16.13	228	32301	2.55	ng	95
82) Chrysene	16.13	228	32301	2.65	ng	98
88) Benzo(k)fluoranthene	17.36	252	34219	2.59	ng	# 90
89) Benzo(a)pyrene	17.71	252	30199	2.40	ng	# 96

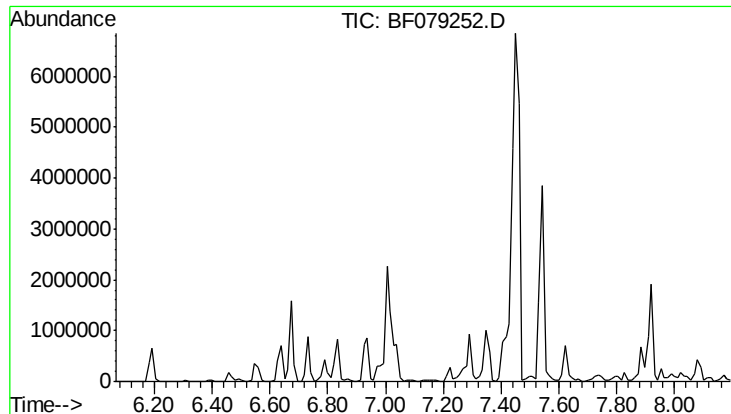
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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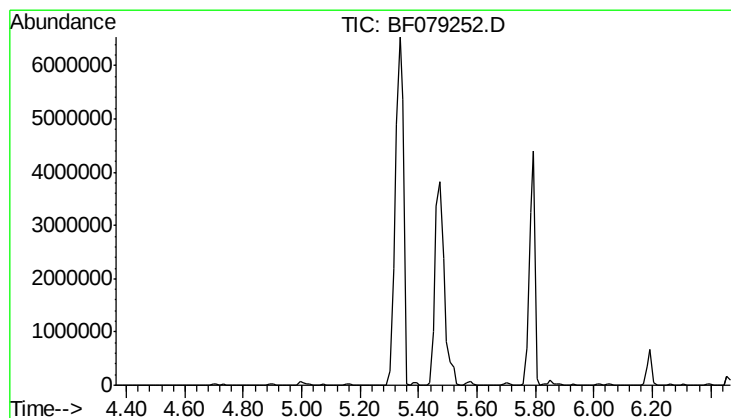
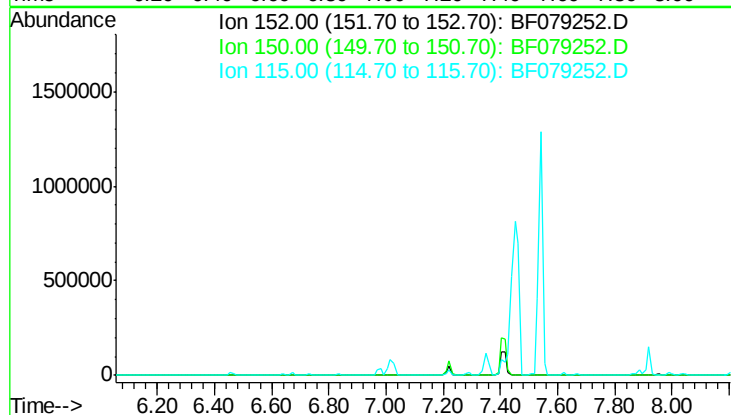




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.00 ng
 Expected RT: 7.13 min
 Lab File: BF079252.D
 Acq: 15 May 2015 1:23

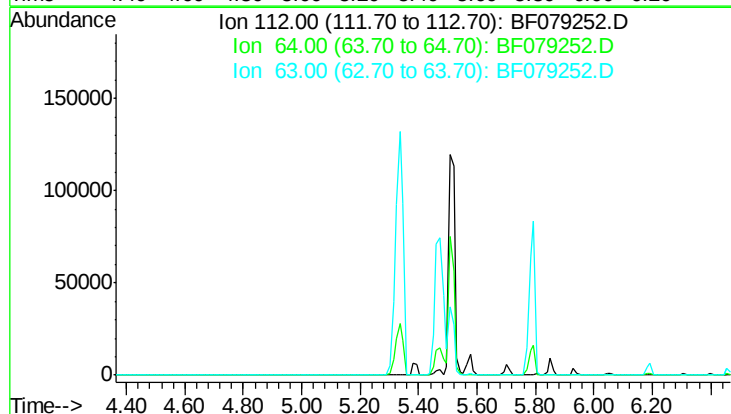
Instrument :
 BNA_F
 ClientSampleId :
 TW-4

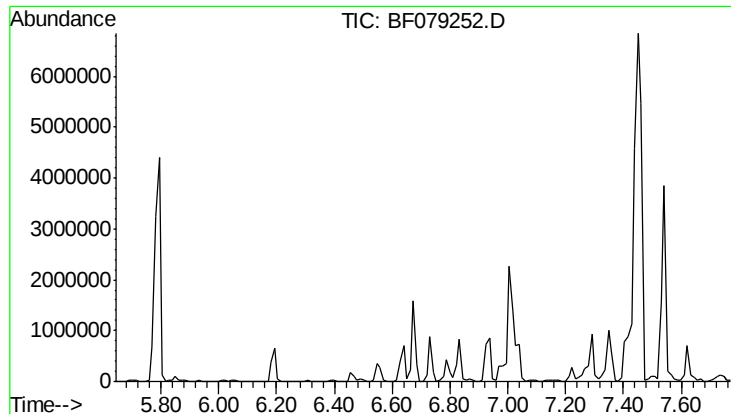
Tot Ion: 152
 Sig Exp Ratio
 152 100
 150 154.8
 115 61.7



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.42 min
 Lab File: BF079252.D
 Acq: 15 May 2015 1:23

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: BF079252.D

Acq: 15 May 2015 1:23

Instrument :

BNA_F

ClientSampleId :

TW-4

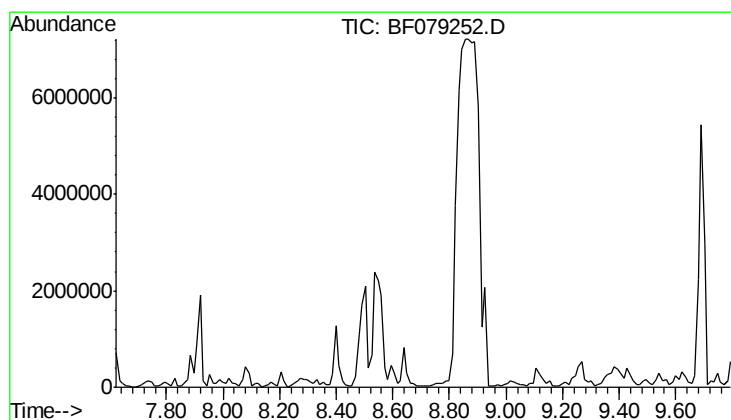
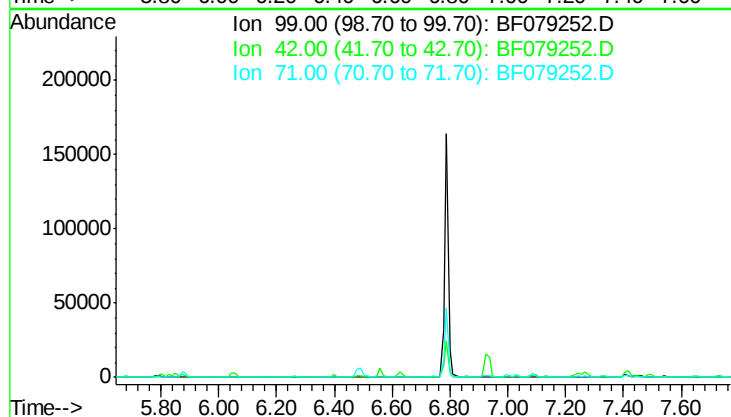
Tot Ion: 99

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: BF079252.D

Acq: 15 May 2015 1:23

Tgt Ion: 136

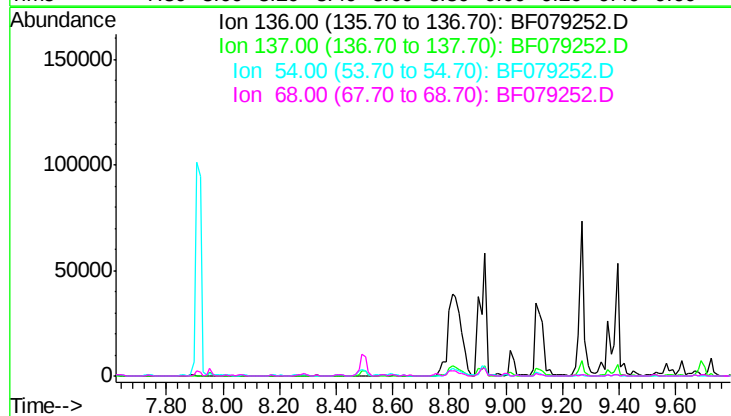
Sig Exp Ratio

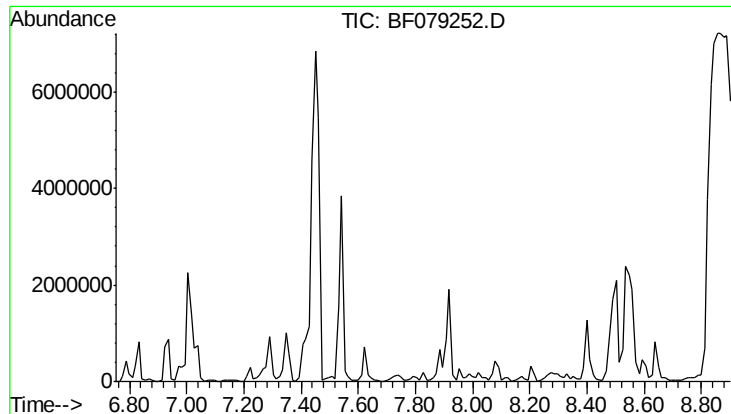
136 100

137 11.0

54 8.6

68 6.1

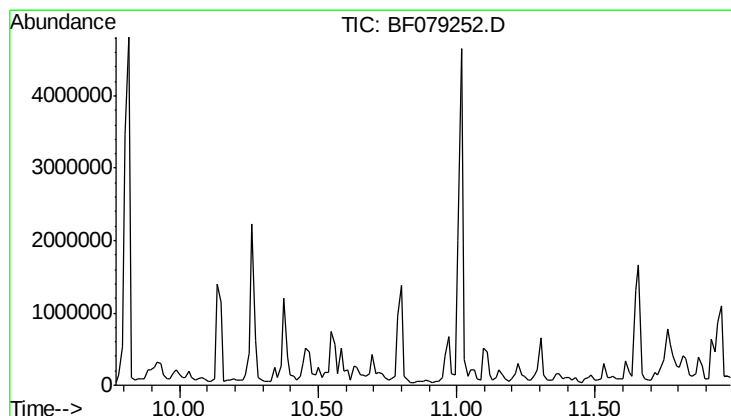
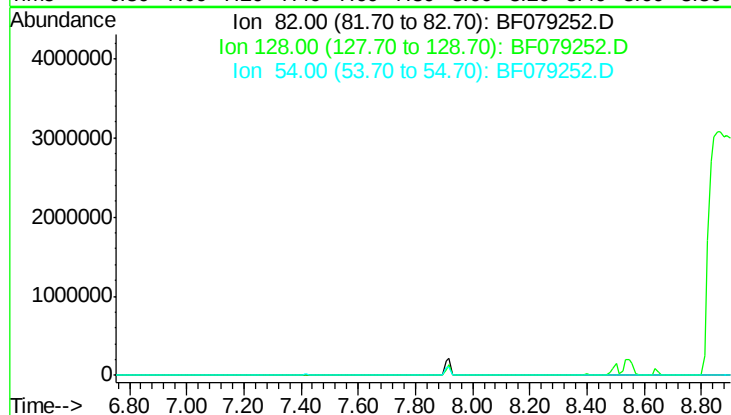




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.83 min
 Lab File: BF079252.D
 Acq: 15 May 2015 1:23

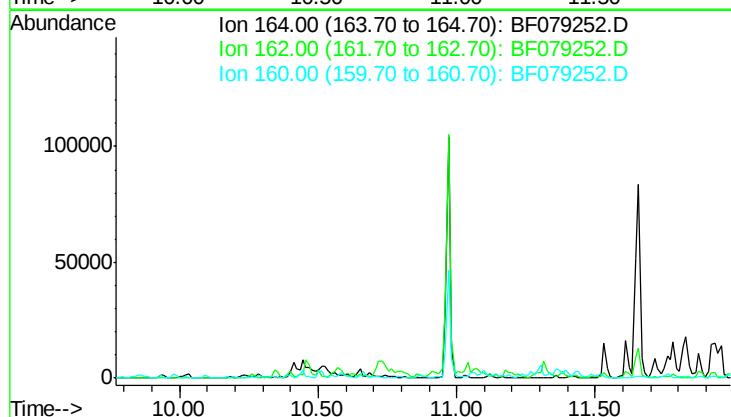
Instrument :
 BNA_F
 ClientSampleId :
 TW-4

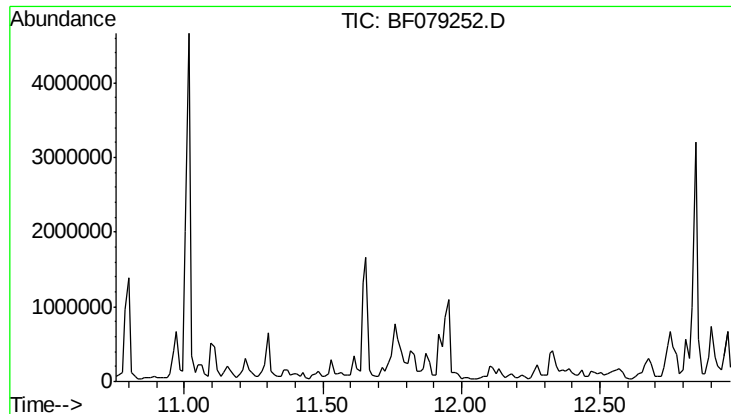
Tot Ion: 82
 Sig Exp Ratio
 82 100
 128 37.1
 54 57.8



#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 10.88 min
 Lab File: BF079252.D
 Acq: 15 May 2015 1:23

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

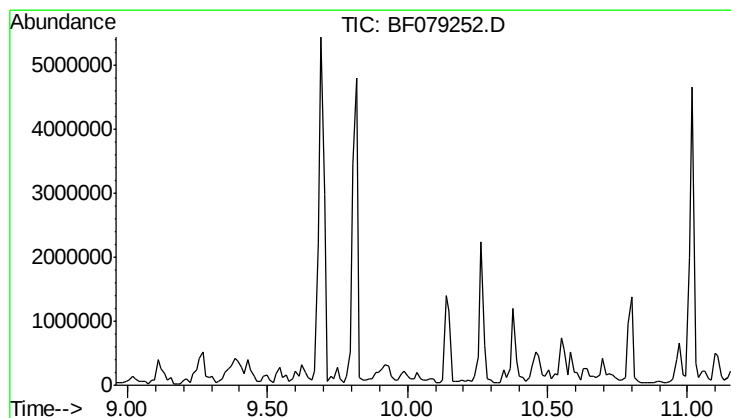
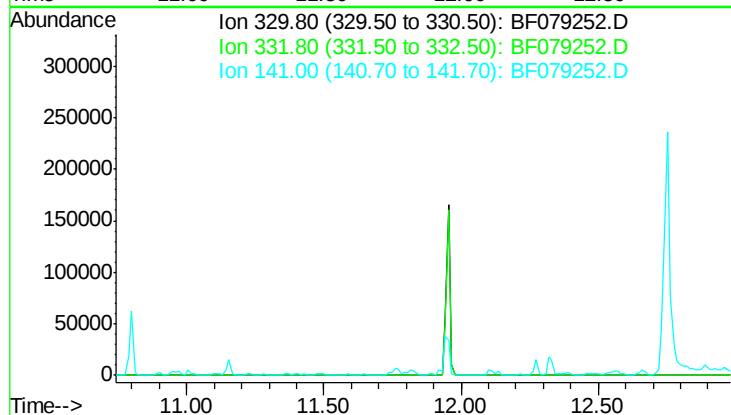




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 11.86 min
 Lab File: BF079252.D
 Acq: 15 May 2015 1:23

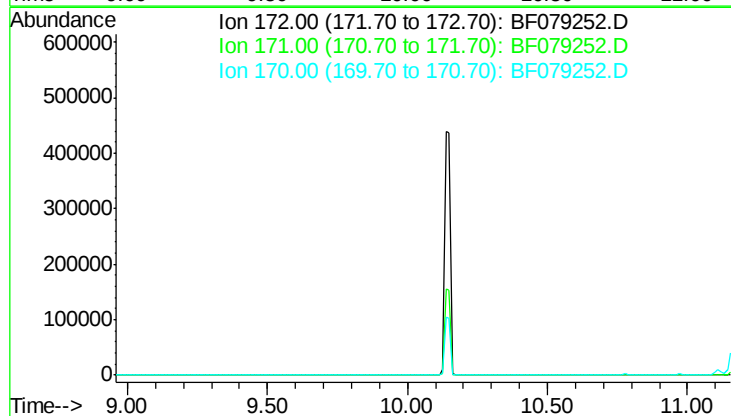
Instrument :
 BNA_F
 ClientSampleId :
 TW-4

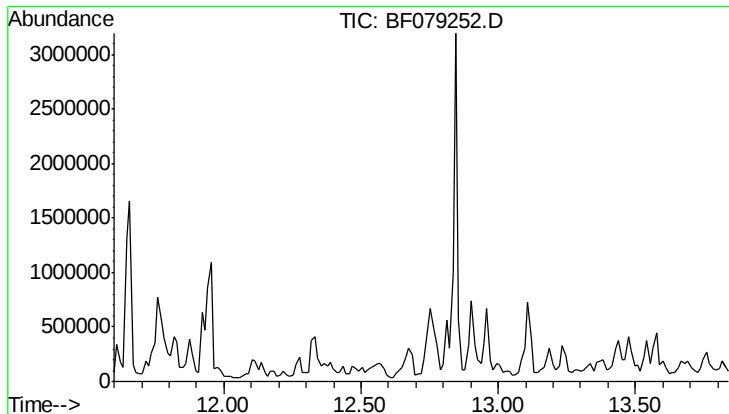
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.1
 141 34.8



#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 10.06 min
 Lab File: BF079252.D
 Acq: 15 May 2015 1:23

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

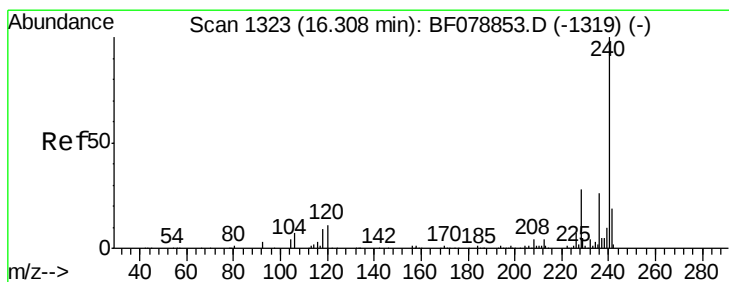
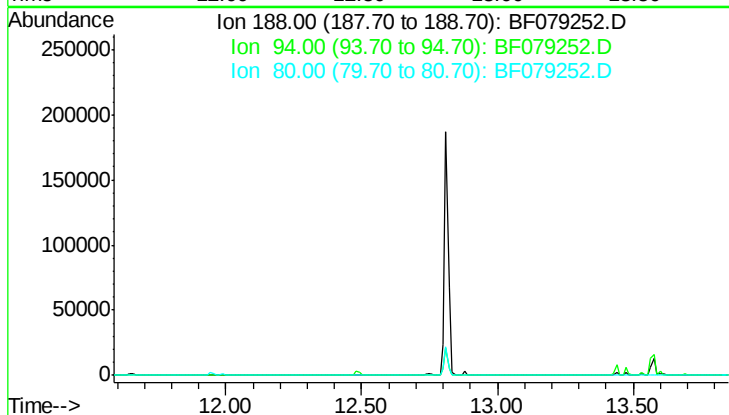




#63
 Phenanthrene-d10
 Concen: 0.00 ng
 Expected RT: 12.72 min
 Lab File: BF079252.D
 Acq: 15 May 2015 1:23

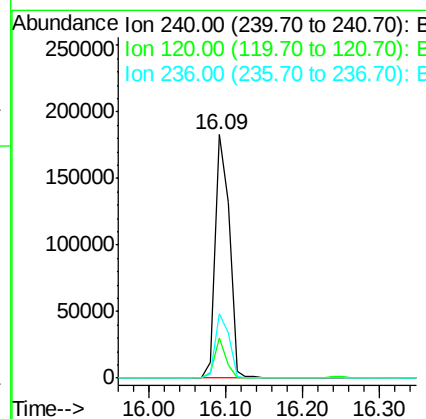
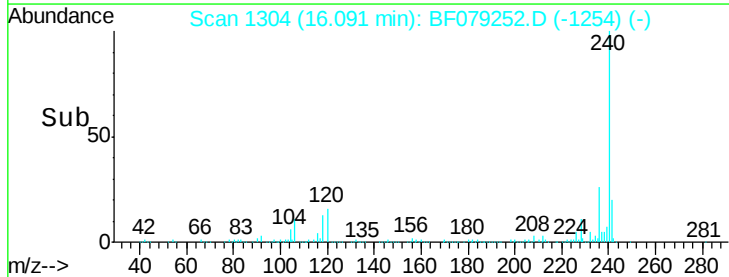
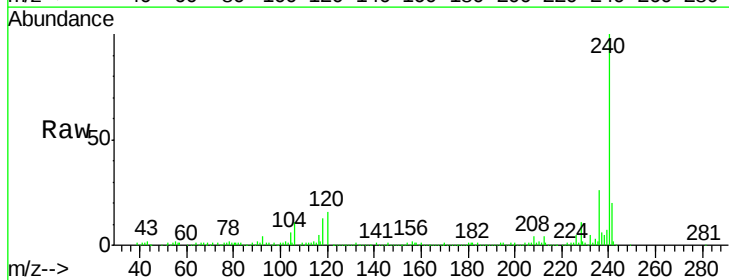
Instrument :
 BNA_F
 ClientSampleId :
 TW-4

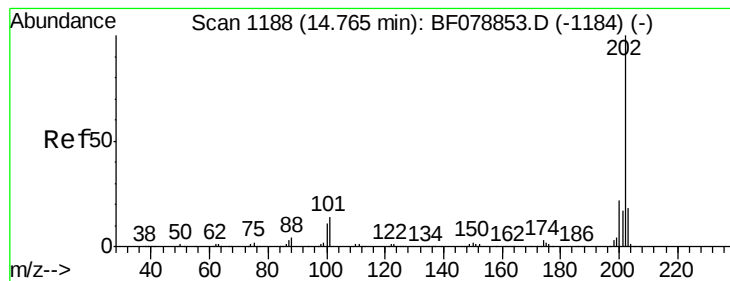
Tot Ion: 188
 Sig Exp Ratio
 188 100
 94 11.7
 80 12.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 1304
 Delta R.T. 0.07 min
 Lab File: BF079252.D
 Acq: 15 May 2015 1:23

Tgt Ion: 240 Resp: 231371
 Ion Ratio Lower Upper
 240 100
 120 16.3 8.6 12.8#
 236 26.2 21.0 31.6





#77

Pvrene

Concen: 22.25 ng

RT: 14.59 min Scan# 1173

Delta R.T. 0.09 min

Lab File: BF079252.D

Acq: 15 May 2015 1:23

Instrument :

BNA_F

ClientSampleId :

TW-4

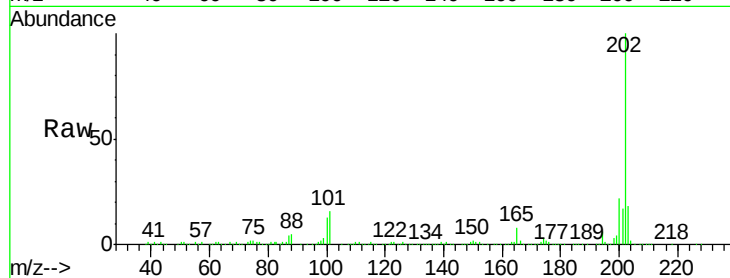
Tot Ion:202 Resp: 296588

Ion Ratio Lower Upper

202 100

200 21.8 17.5 26.3

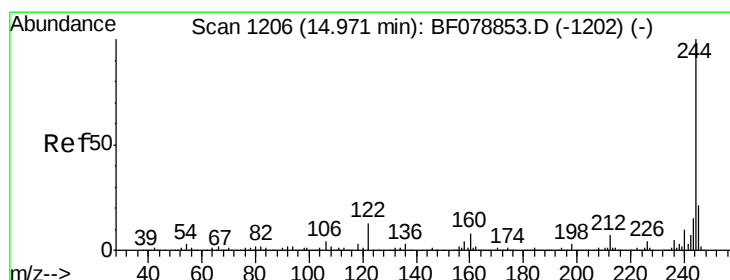
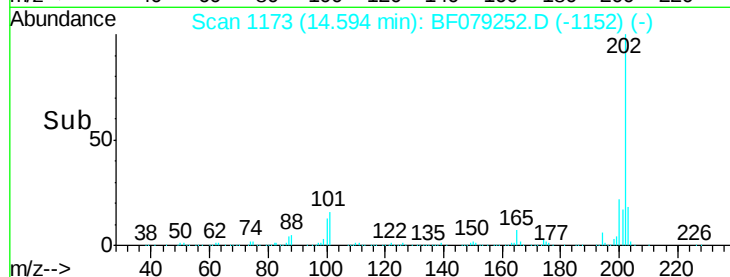
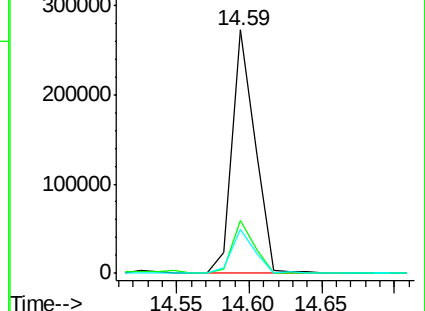
203 18.0 14.7 22.1



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: 86.40 ng

RT: 14.81 min Scan# 1192

Delta R.T. 0.09 min

Lab File: BF079252.D

Acq: 15 May 2015 1:23

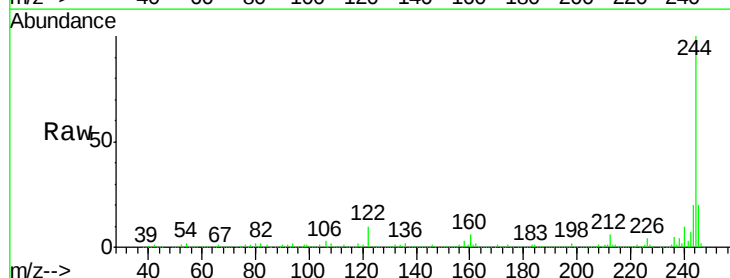
Tgt Ion:244 Resp: 834933

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

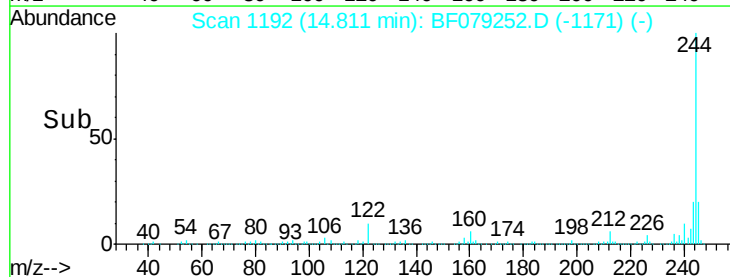
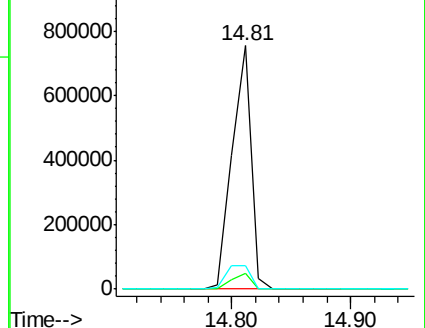
122 9.6 10.5 15.7#

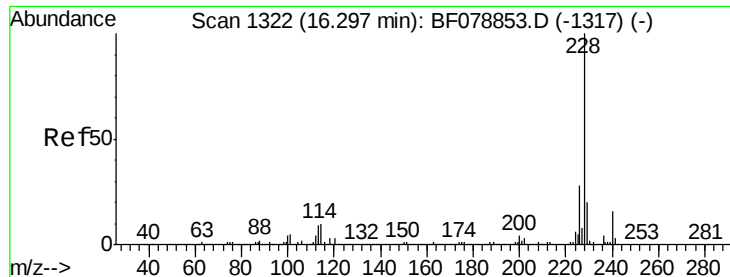


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 2.55 ng

RT: 16.13 min Scan# 1307

Delta R.T. 0.11 min

Lab File: BF079252.D

Acq: 15 May 2015 1:23

Instrument :

BNA_F

ClientSampleId :

TW-4

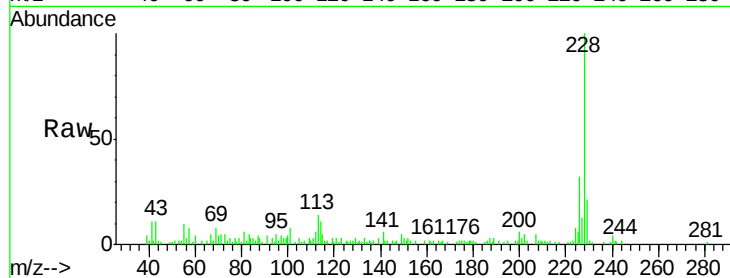
Tot Ion:228 Resp: 32301

Ion Ratio Lower Upper

228 100

226 31.6 22.3 33.5

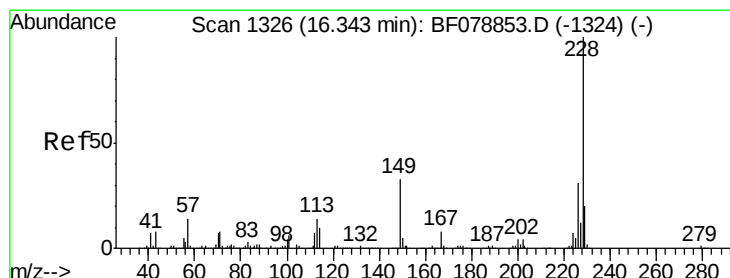
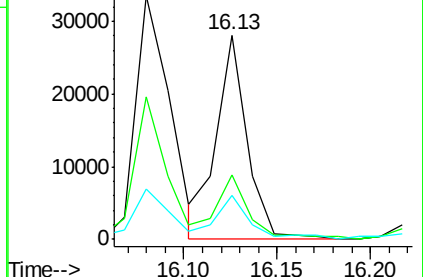
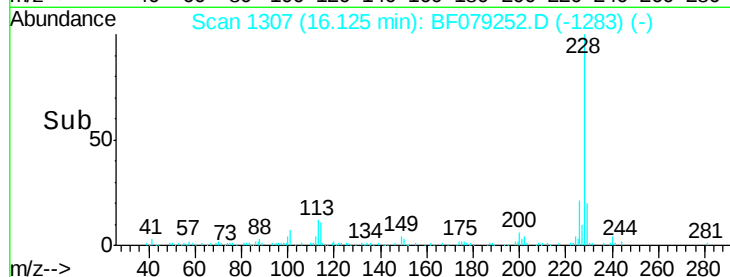
229 21.3 16.1 24.1



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



#82

Chrysene

Concen: 2.65 ng

RT: 16.13 min Scan# 1307

Delta R.T. 0.07 min

Lab File: BF079252.D

Acq: 15 May 2015 1:23

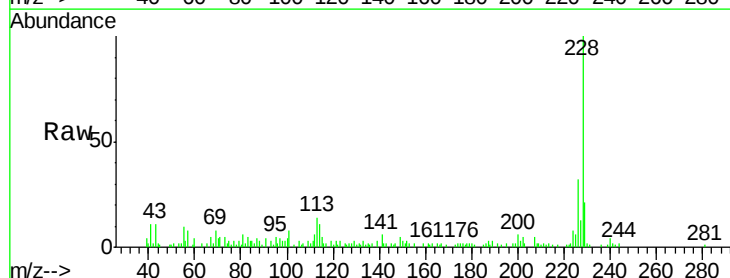
Tgt Ion:228 Resp: 32301

Ion Ratio Lower Upper

228 100

226 31.6 24.8 37.2

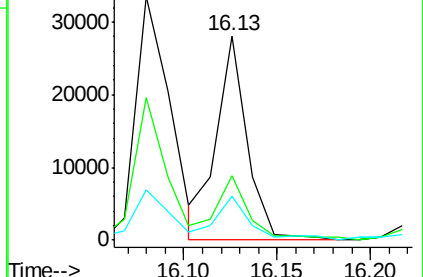
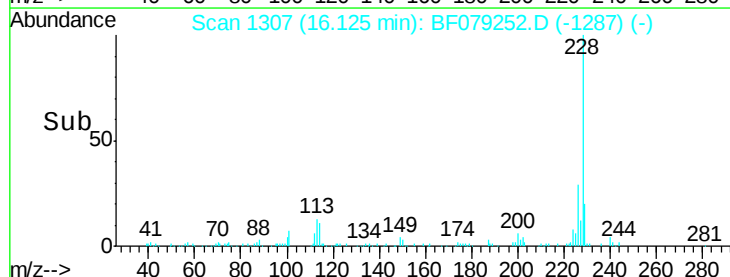
229 21.3 16.1 24.1

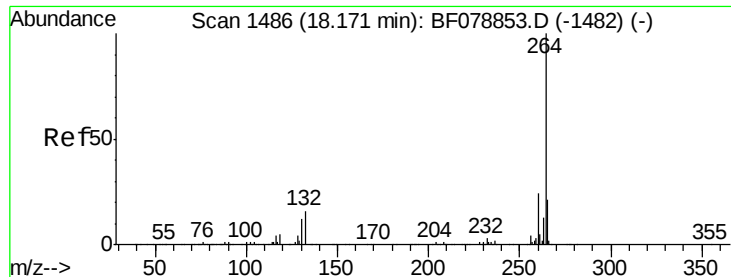


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

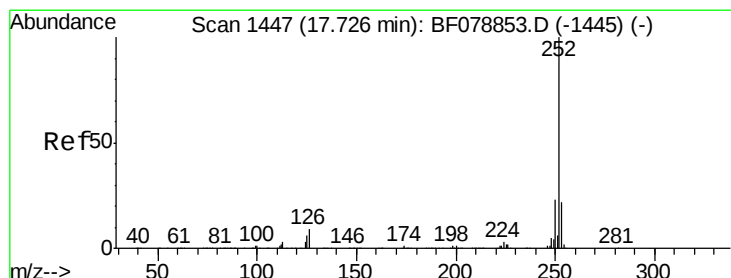
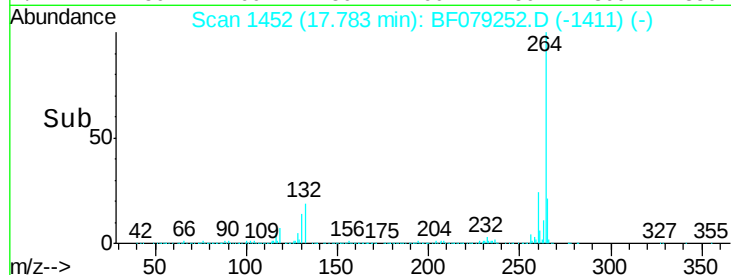
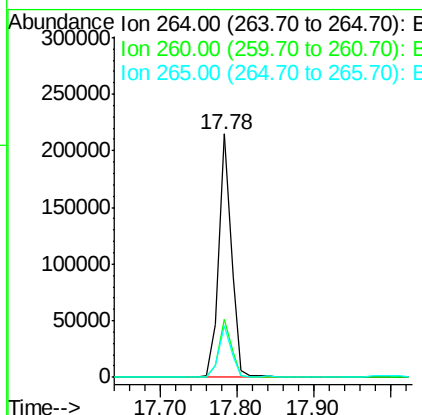
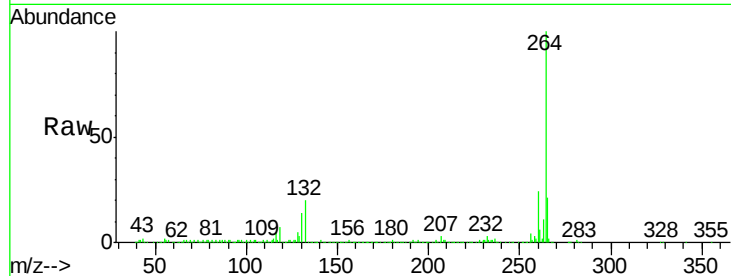




#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.78 min Scan# 1452
Delta R.T. -0.03 min
Lab File: BF079252.D
Acq: 15 May 2015 1:23

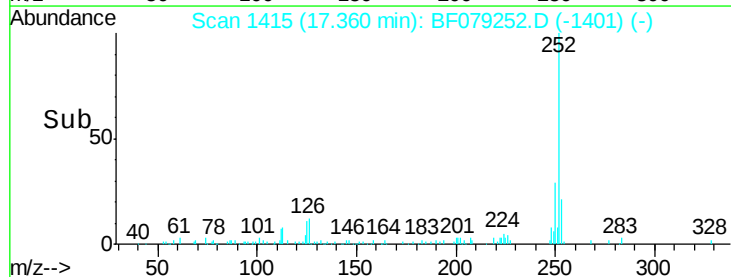
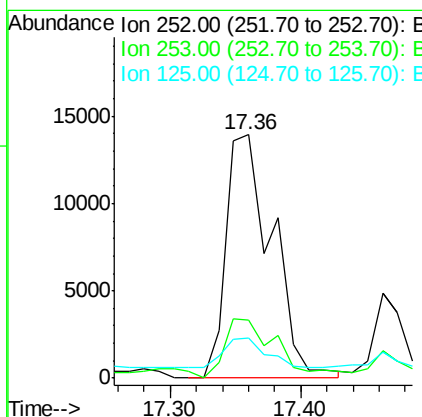
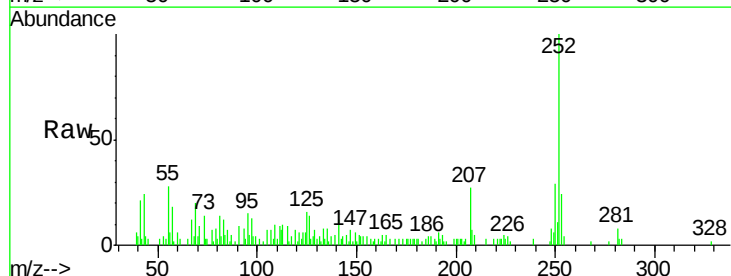
Instrument :
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TW-4

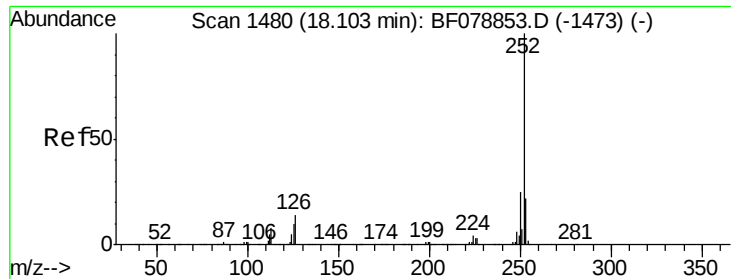
Tot Ion:264 Resp: 249769
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.3 17.2 25.8



#88
Benzo(k)fluoranthene
Concen: 2.59 ng
RT: 17.36 min Scan# 1415
Delta R.T. -0.02 min
Lab File: BF079252.D
Acq: 15 May 2015 1:23

Tgt Ion:252 Resp: 34219
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.0
125 16.4 6.1 9.1#





#89

Benzo(a)pyrene

Concen: 2.40 ng

RT: 17.71 min Scan# 1446

Delta R.T. -0.03 min

Lab File: BF079252.D

Acq: 15 May 2015 1:23

Instrument :

BNA_F

ClientSampleId :

TW-4

Tot Ion: 252 Resp: 30199

Ion Ratio Lower Upper

252 100

253 22.9 18.0 27.0

125 14.7 8.2 12.2#

