

Data Path : C:\DOCUMENTS AND SETTINGS\AYUL\DESKTOP\BF051415\
 Data File : BF079239.D
 Acq On : 14 May 2015 18:18
 Operator : TP/IZ
 Sample : G2215-11MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-39SMSD

Quant Time: Aug 05 04:07:55 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

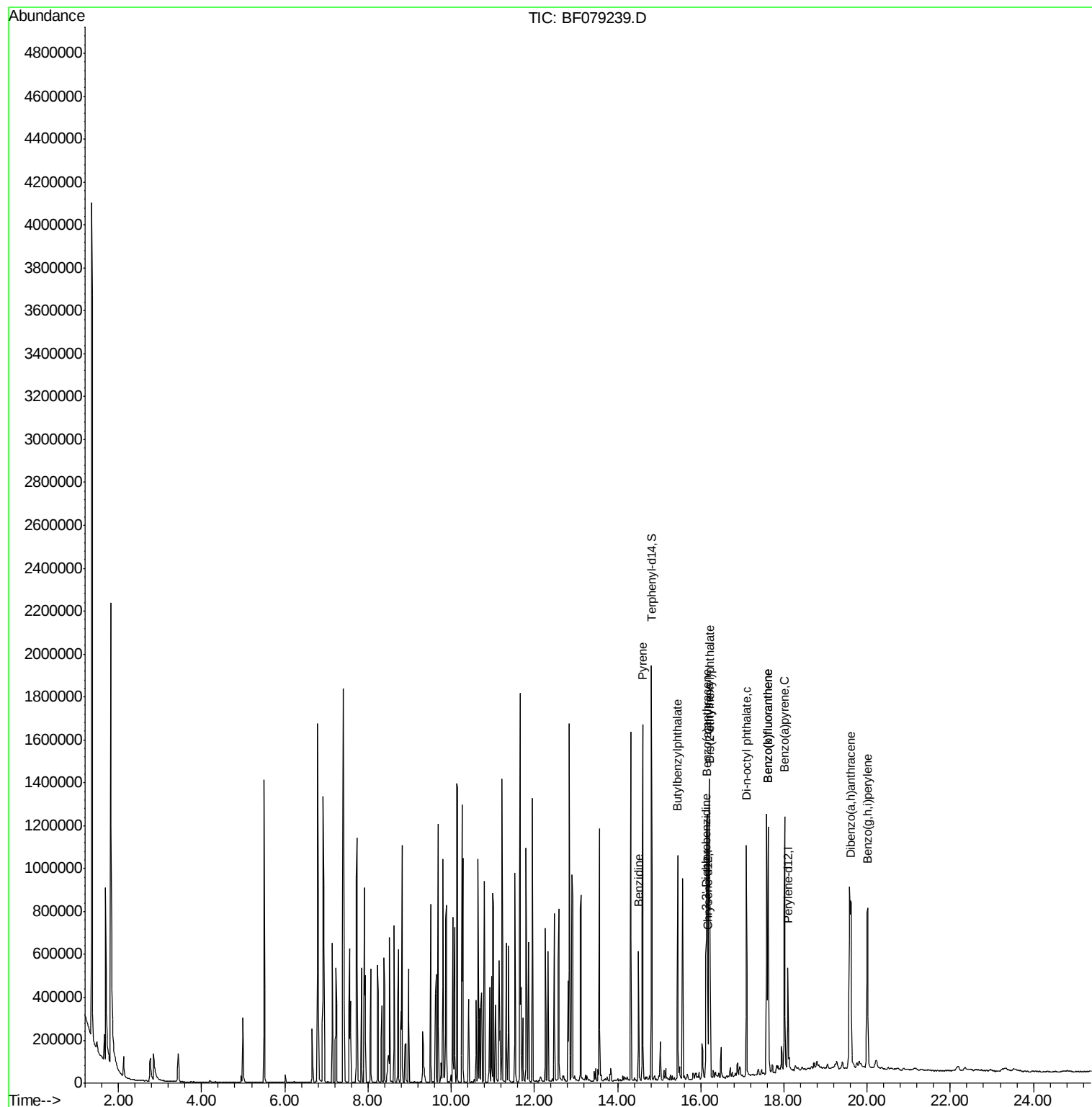
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-7.13
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.71
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-10.88
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-12.72
75) Chrysene-d12	16.17	240	199954	20.00	ng	0.15
86) Perylene-d12	18.09	264	223173	20.00	ng	0.27
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	12901	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	763624	91.43	ng	0.09
Target Compounds						
76) Benzidine	14.50	184	232242	43.10	ng	Qvalue 97
77) Pyrene	14.61	202	750437	65.13	ng	99
79) Butylbenzylphthalate	15.45	149	270443	53.69	ng	98
80) Benzo(a)anthracene	16.15	228	646786	59.07	ng	100
81) 3,3'-Dichlorobenzidine	16.13	252	166601	42.72	ng	# 94
82) Chrysene	16.21	228	600959	57.06	ng	100
83) Bis(2-ethylhexyl)phthalate	16.22	149	399738	52.40	ng	# 98
84) Di-n-octyl phthalate	17.10	149	669593	49.84	ng	97
87) Benzo(b)fluoranthene	17.62	252	556411	45.55	ng	100
88) Benzo(k)fluoranthene	17.62	252	558110	47.20	ng	# 95
89) Benzo(a)pyrene	18.02	252	639943	56.90	ng	100
90) Dibenzo(a,h)anthracene	19.61	278	603512	50.49	ng	98
91) Benzo(a,h,i)perylene	20.01	276	646654	53.97	ng	99

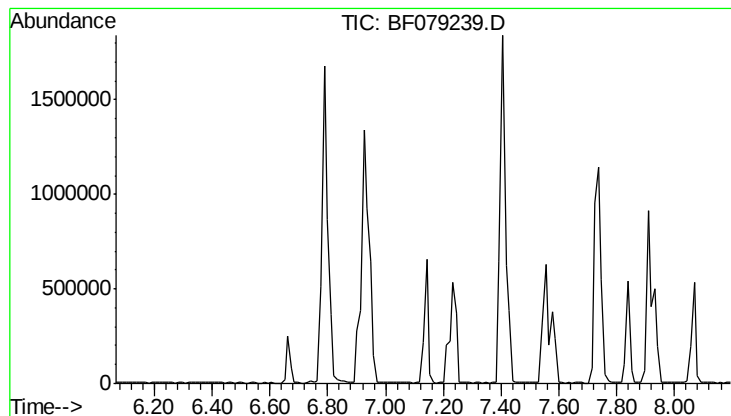
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 7.13 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

Instrument :

BNA_F

ClientSampleId :

SB-39SMSD

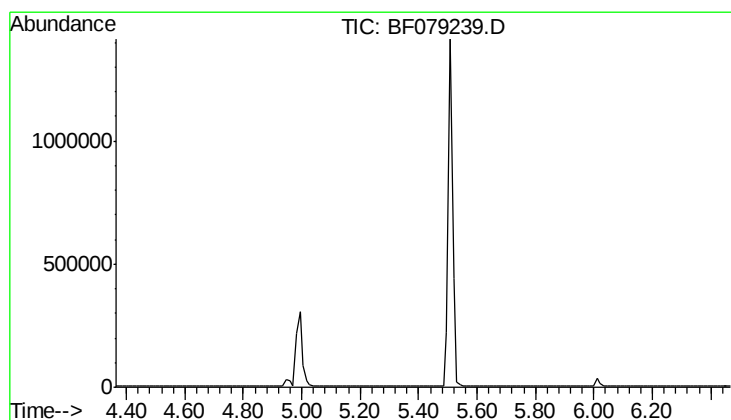
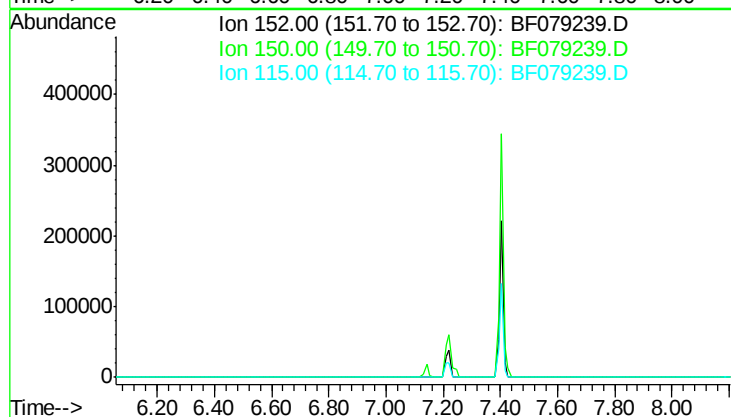
Tot Ion: 152

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: BF079239.D

Acq: 14 May 2015 18:18

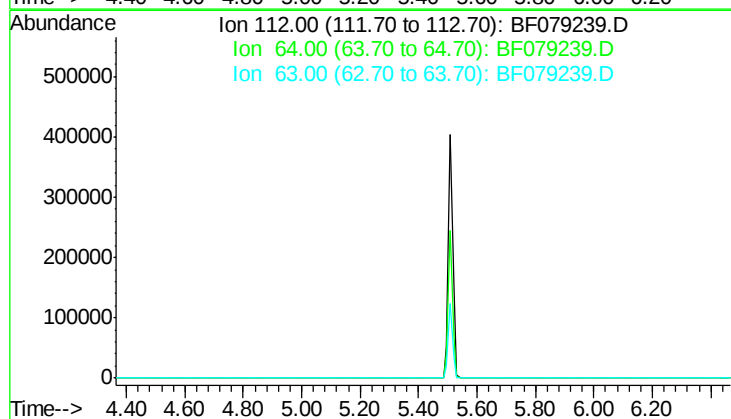
Tgt Ion: 112

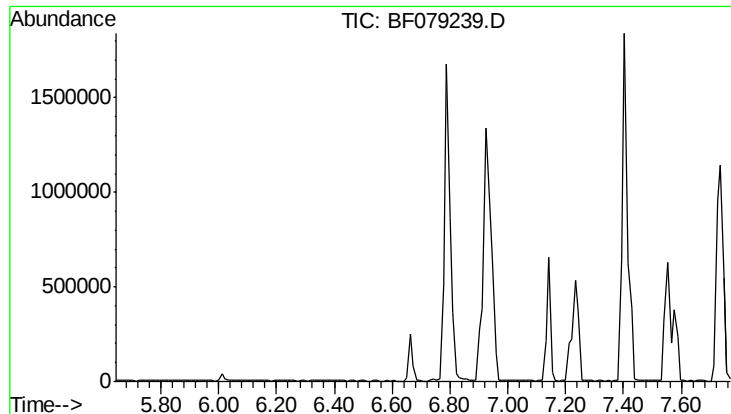
Sig Exp Ratio

112 100

64 55.2

63 28.4





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.71 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

Instrument :

BNA_F

ClientSampleId :

SB-39SMSD

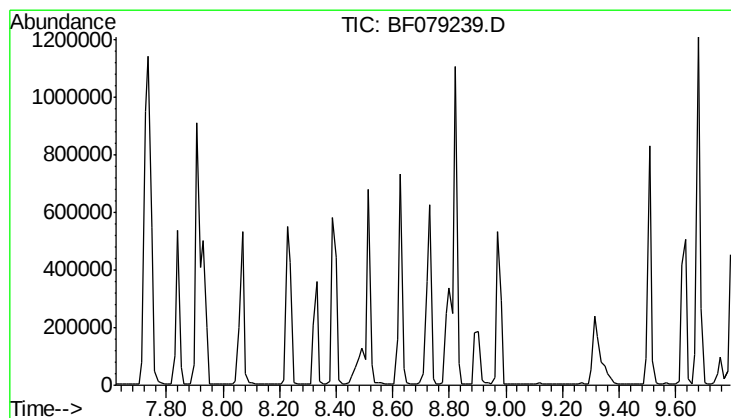
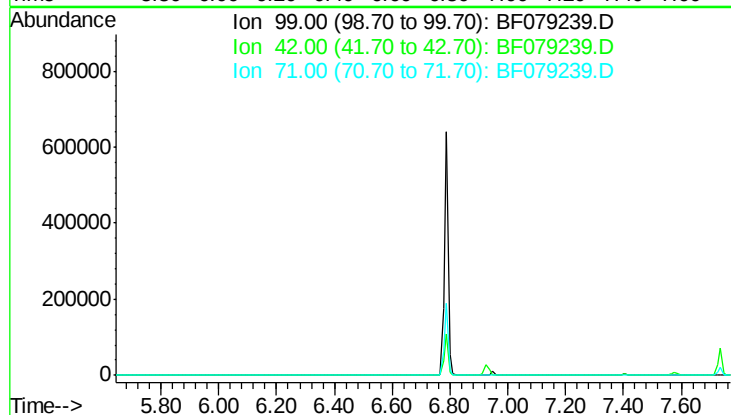
Tot Ion: 99

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: BF079239.D

Acq: 14 May 2015 18:18

Tgt Ion: 136

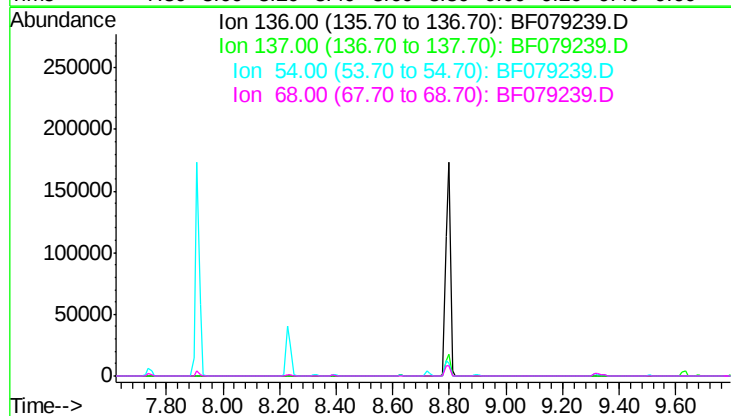
Sig Exp Ratio

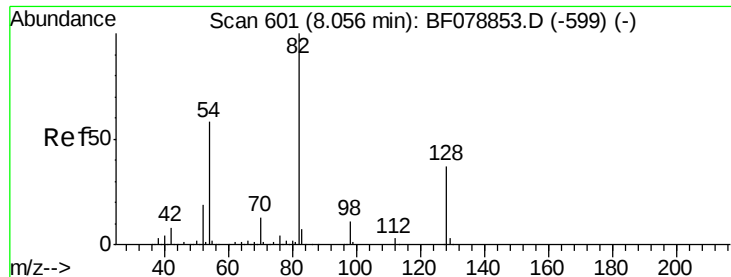
136 100

137 11.0

54 8.6

68 6.1

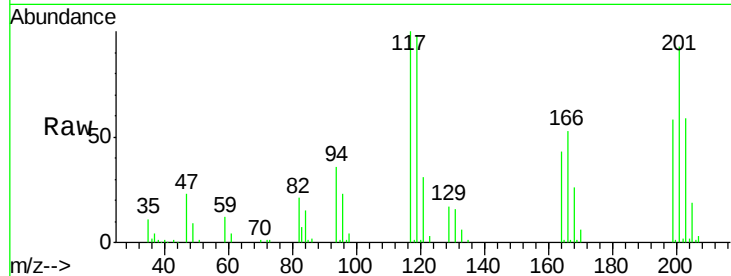




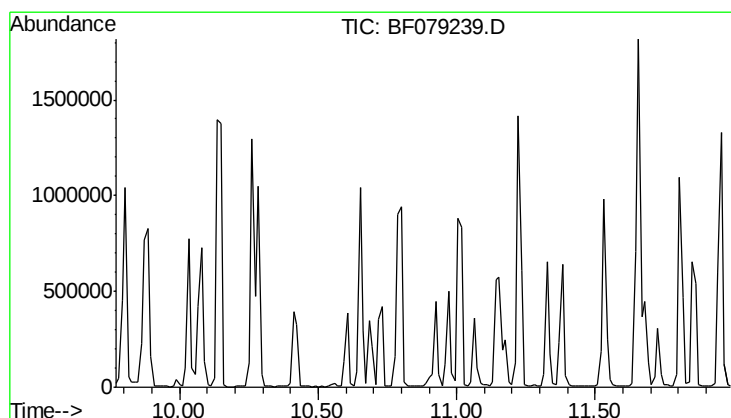
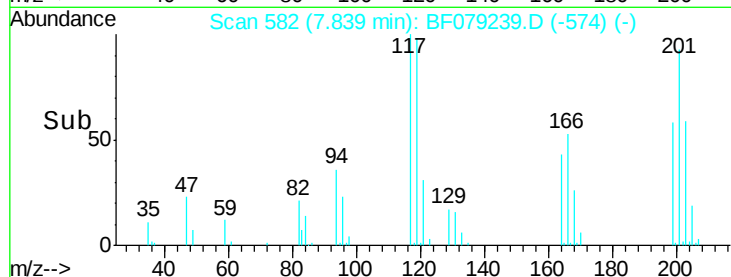
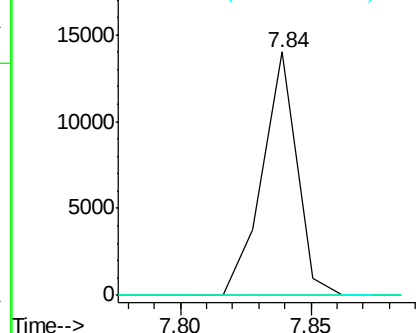
#23
Nitrobenzene-d5
Concen: 0.00 ng
RT: 7.84 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF079239.D
Acq: 14 May 2015 18:18

Instrument :
BNA_F
ClientSampleId :
SB-39SMSD

Tot Ion: 82 Resp: 12901
Ion Ratio Lower Upper
82 100
128 0.0 29.7 44.5#
54 0.0 46.2 69.4#



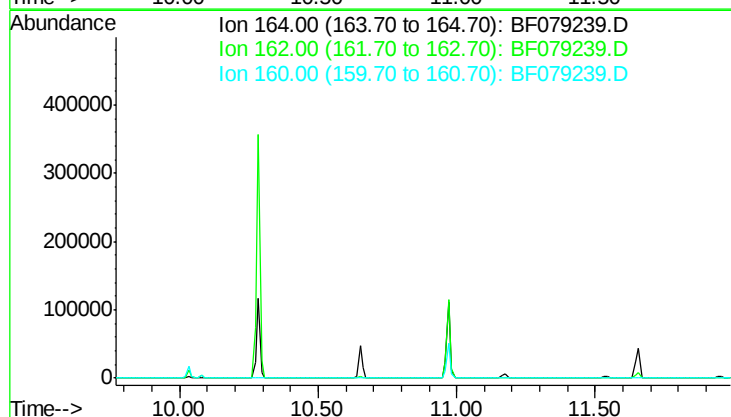
Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

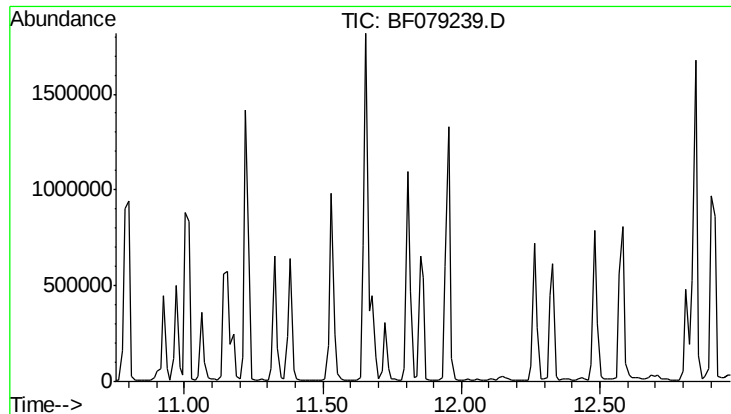


#38
Acenaphthene-d10
Concen: 0.00 ng
Expected RT: 10.88 min

Lab File: BF079239.D
Acq: 14 May 2015 18:18

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

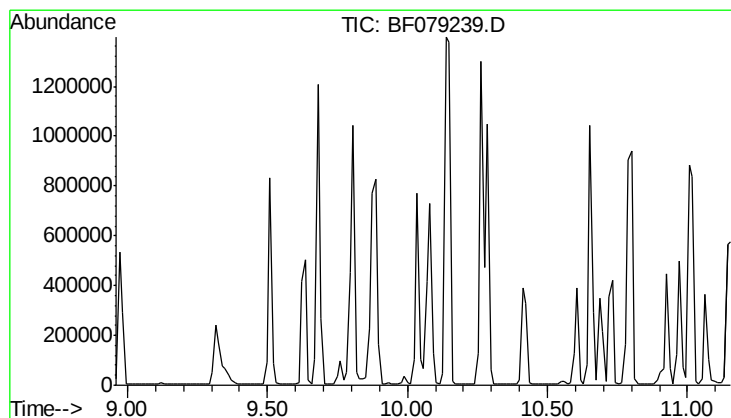
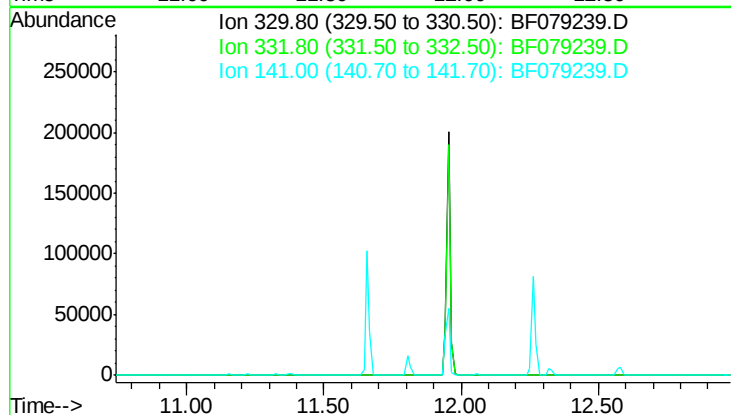




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 11.86 min
 Lab File: BF079239.D
 Acq: 14 May 2015 18:18

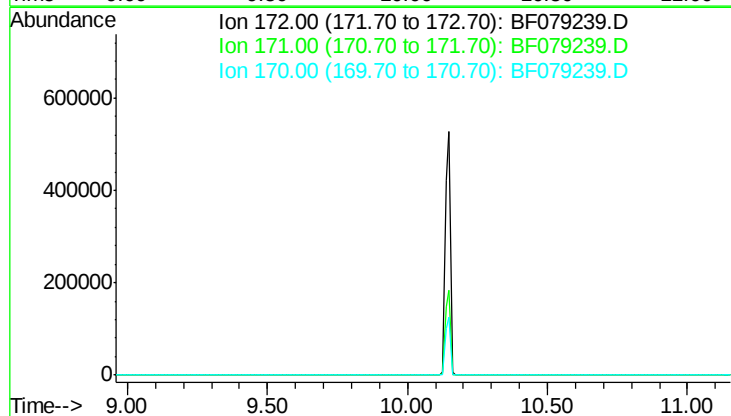
Instrument :
 BNA_F
 ClientSampleId :
 SB-39SMSD

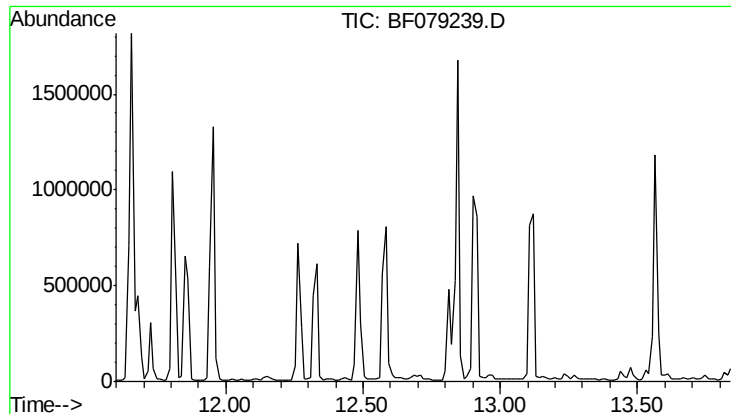
Tot Ion	330	332	141
Sig	100	96.1	34.8
Exp Ratio			



#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 10.06 min
 Lab File: BF079239.D
 Acq: 14 May 2015 18:18

Tgt Ion	172	171	170
Sig	100	35.4	24.3
Exp Ratio			

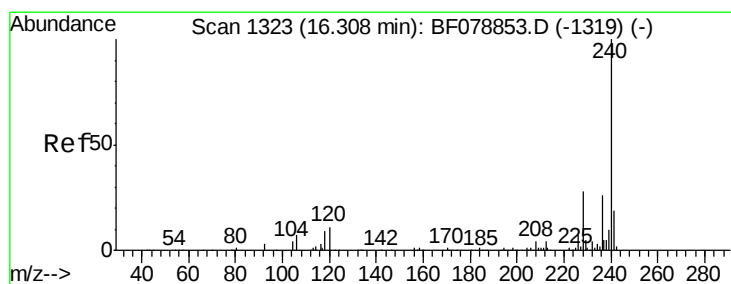
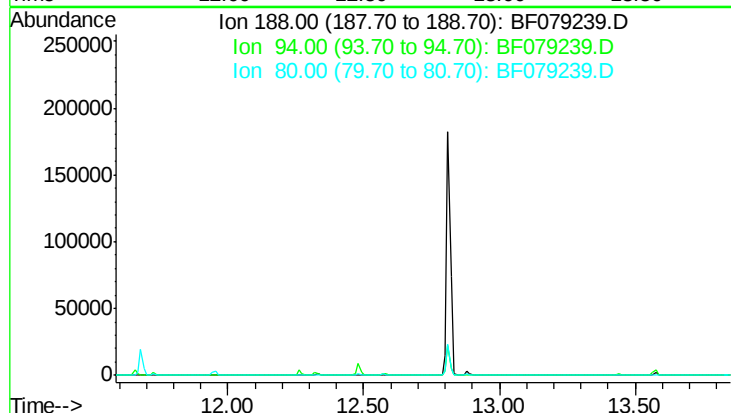




#63
 Phenanthrene-d10
 Concen: 0.00 ng
 Expected RT: 12.72 min
 Lab File: BF079239.D
 Acq: 14 May 2015 18:18

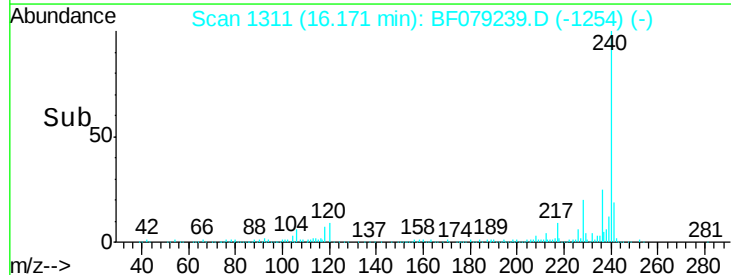
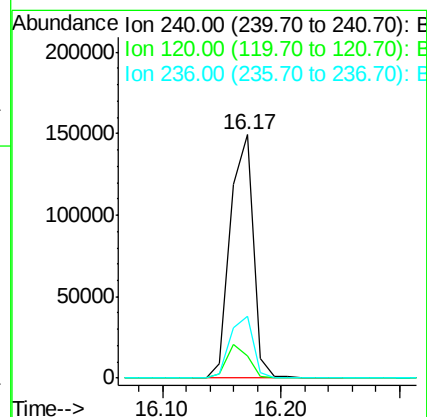
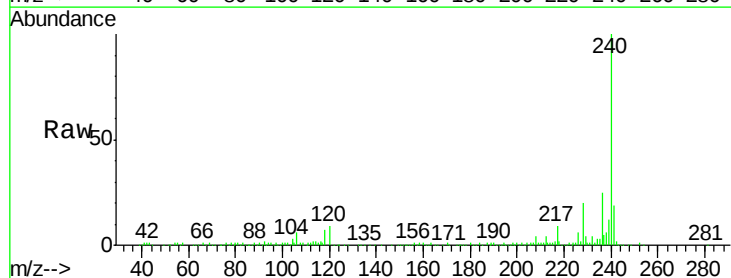
Instrument :
 BNA_F
 ClientSampleId :
 SB-39SMSD

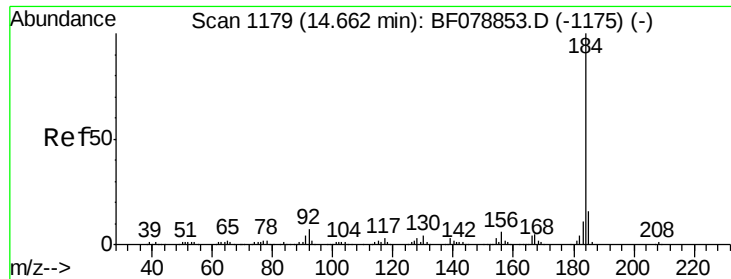
Tot Ion: 188
 Sig Exp Ratio
 188 100
 94 11.7
 80 12.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.17 min Scan# 1311
 Delta R.T. 0.15 min
 Lab File: BF079239.D
 Acq: 14 May 2015 18:18

Tgt Ion:240 Resp: 199954
 Ion Ratio Lower Upper
 240 100
 120 9.0 8.6 12.8
 236 25.3 21.0 31.6

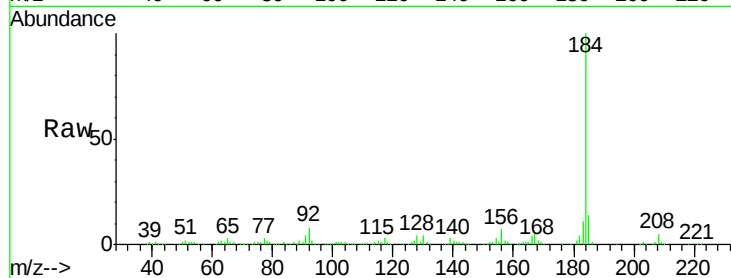




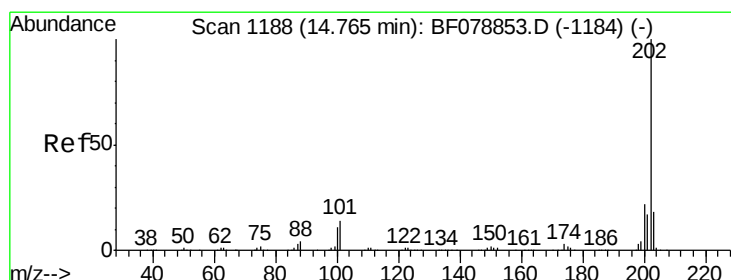
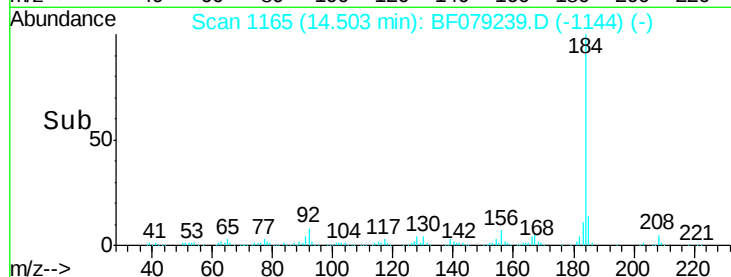
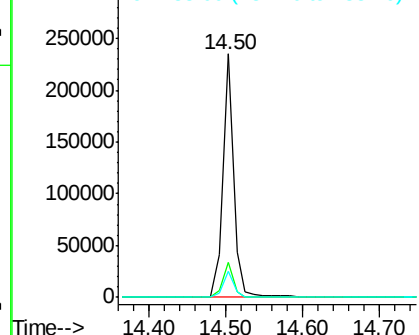
#76
Benzidine
Concen: 43.10 ng
RT: 14.50 min Scan# 1165
Delta R.T. 0.09 min
Lab File: BF079239.D
Acq: 14 May 2015 18:18

Instrument :
BNA_F
ClientSampleId :
SB-39SMSD

Tot Ion:184 Resp: 232242
Ion Ratio Lower Upper
184 100
185 14.3 12.8 19.2
183 10.9 9.0 13.4

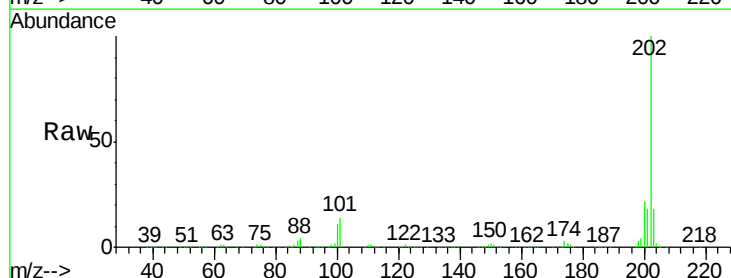


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

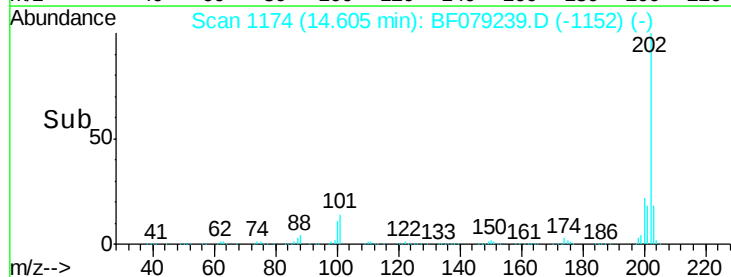
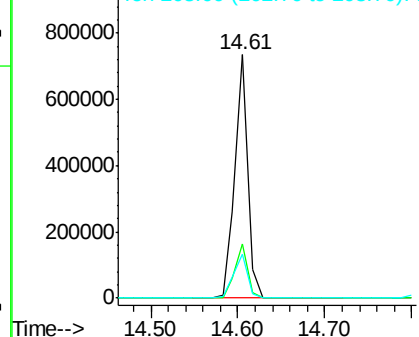


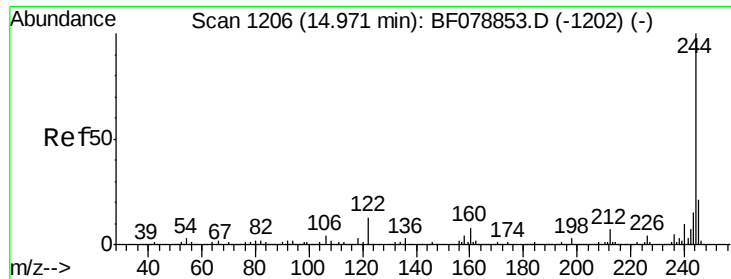
#77
Pyrene
Concen: 65.13 ng
RT: 14.61 min Scan# 1174
Delta R.T. 0.10 min
Lab File: BF079239.D
Acq: 14 May 2015 18:18

Tgt Ion:202 Resp: 750437
Ion Ratio Lower Upper
202 100
200 22.3 17.5 26.3
203 18.2 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: 91.43 ng

RT: 14.81 min Scan# 1192

Delta R.T. 0.09 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

Instrument :

BNA_F

ClientSampleId :

SB-39SMSD

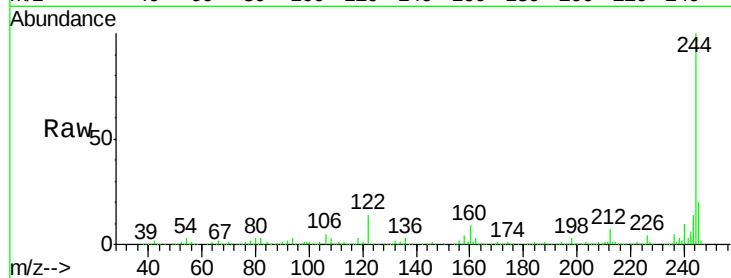
Tot Ion:244 Resp: 763624

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

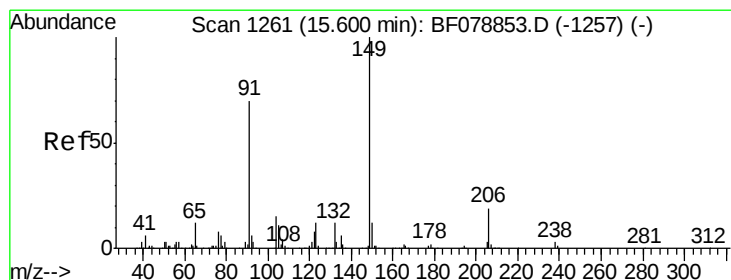
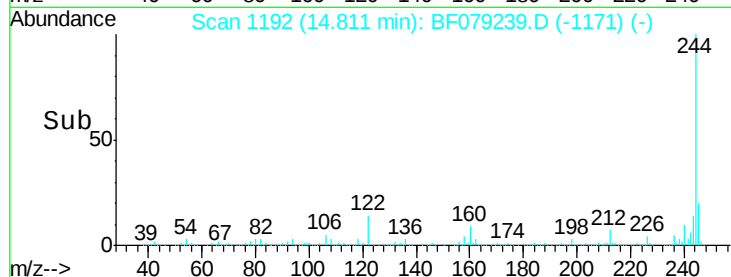
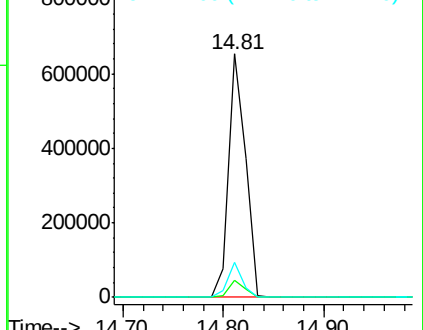
122 14.3 10.5 15.7



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: 53.69 ng

RT: 15.45 min Scan# 1248

Delta R.T. 0.11 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

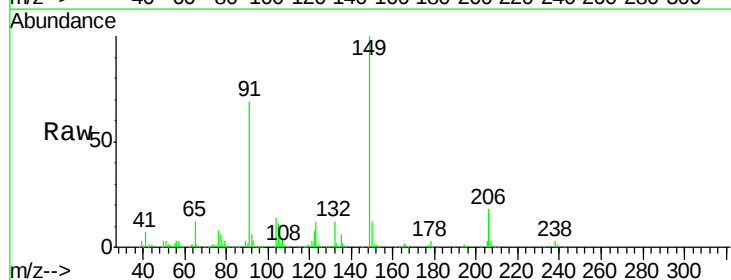
Tgt Ion:149 Resp: 270443

Ion Ratio Lower Upper

149 100

91 68.7 56.2 84.2

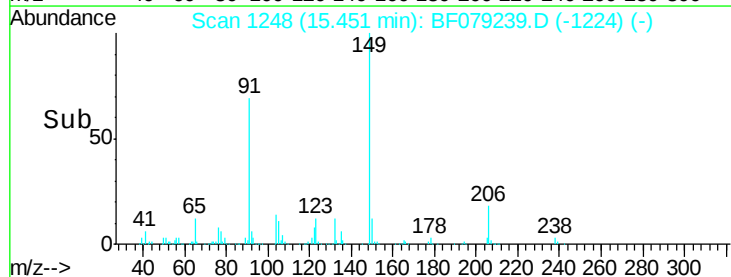
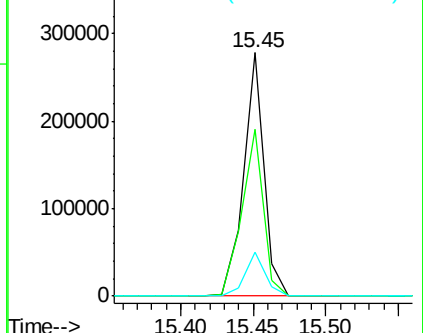
206 18.2 15.2 22.8

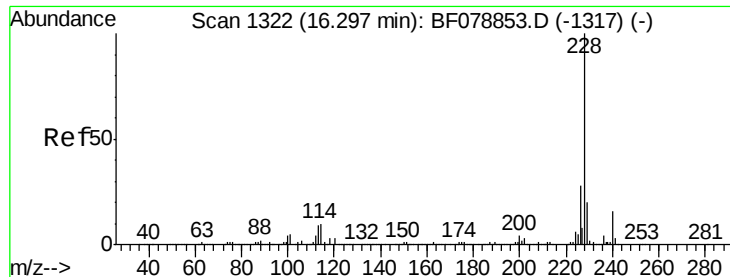


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 59.07 ng

RT: 16.15 min Scan# 1309

Delta R.T. 0.14 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

Instrument :

BNA_F

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SB-39SMSD

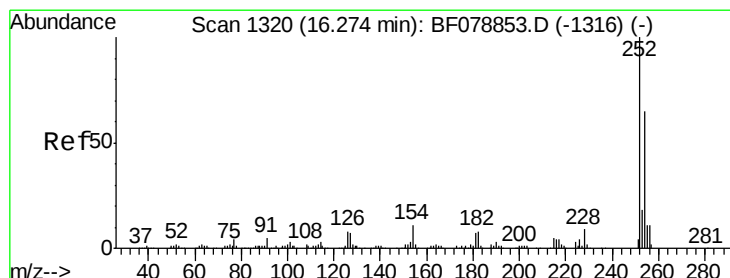
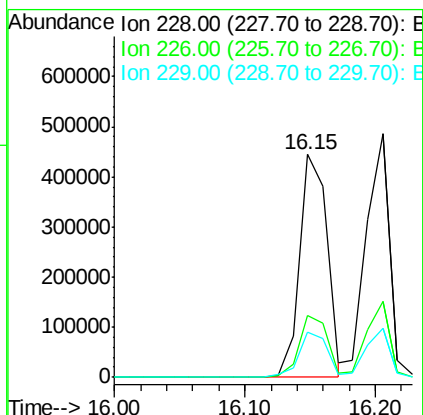
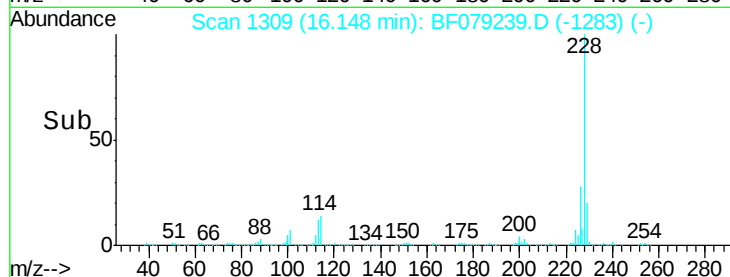
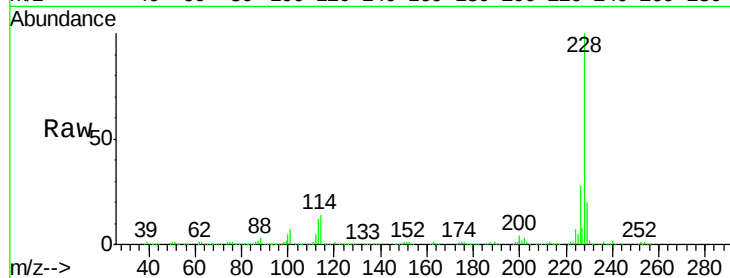
Tot Ion:228 Resp: 646786

Ion Ratio Lower Upper

228 100

226 27.8 22.3 33.5

229 20.1 16.1 24.1



#81

3,3'-Dichlorobenzidine

Concen: 42.72 ng

RT: 16.13 min Scan# 1307

Delta R.T. 0.14 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

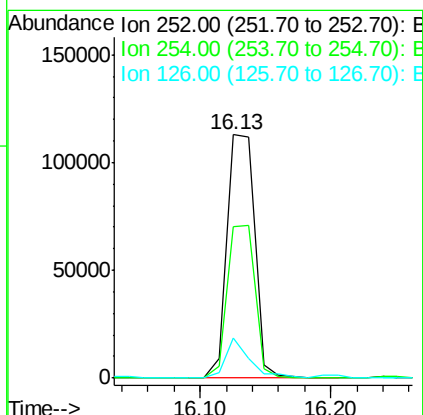
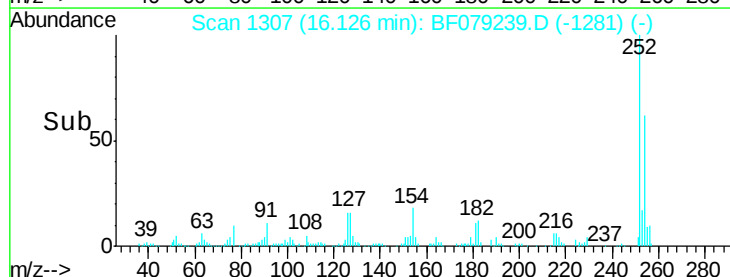
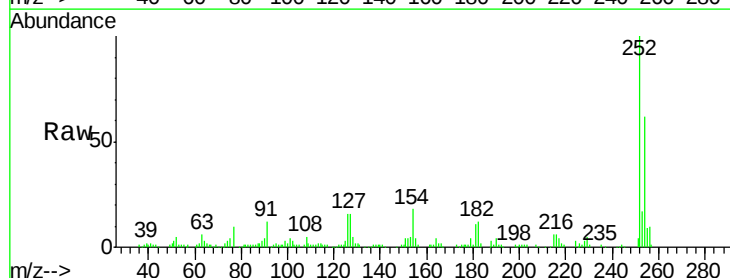
Tgt Ion:252 Resp: 166601

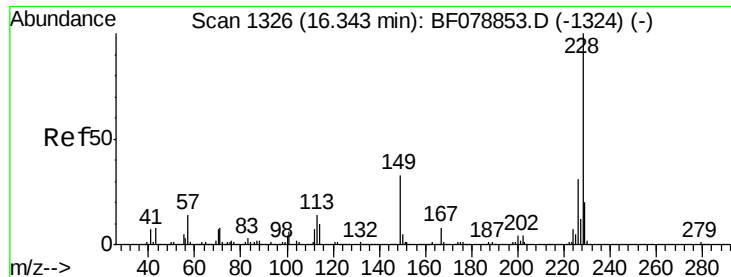
Ion Ratio Lower Upper

252 100

254 62.2 52.2 78.2

126 16.2 6.6 9.8#

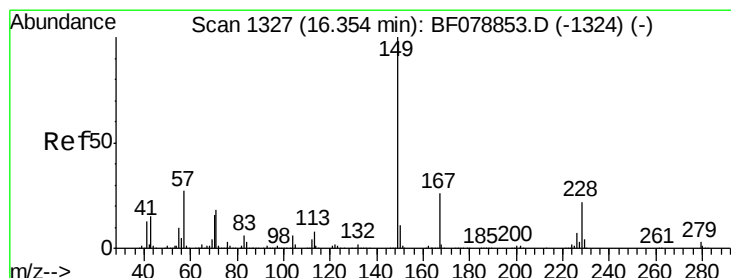
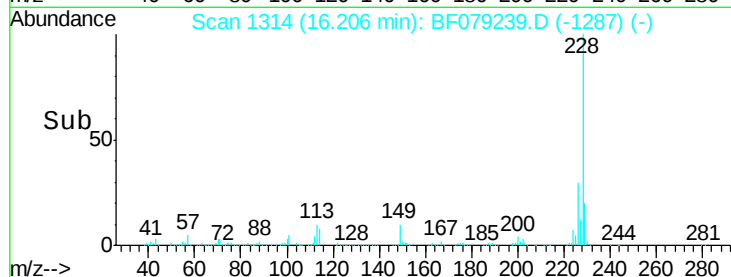
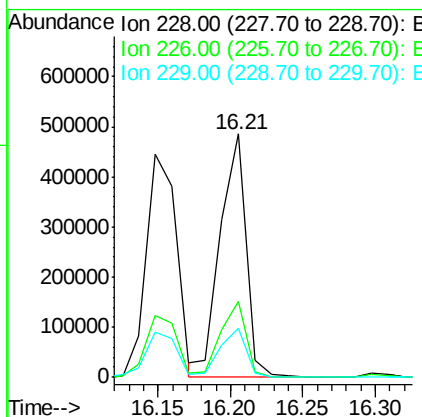
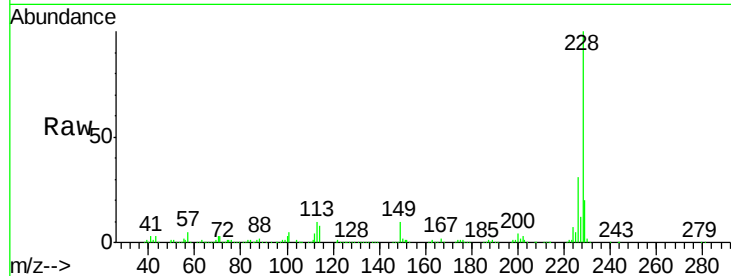




#82
 Chrysene
 Concen: 57.06 ng
 RT: 16.21 min Scan# 1314
 Delta R.T. 0.15 min
 Lab File: BF079239.D
 Acq: 14 May 2015 18:18

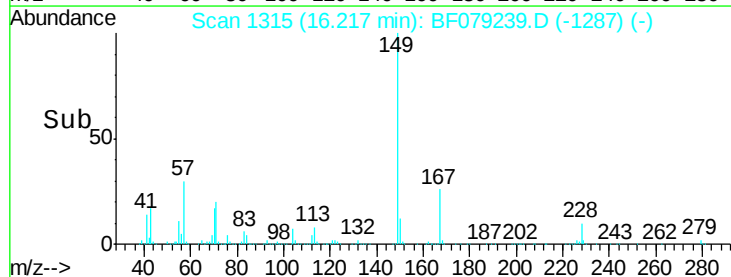
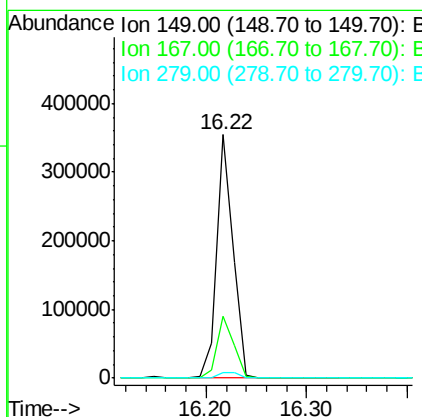
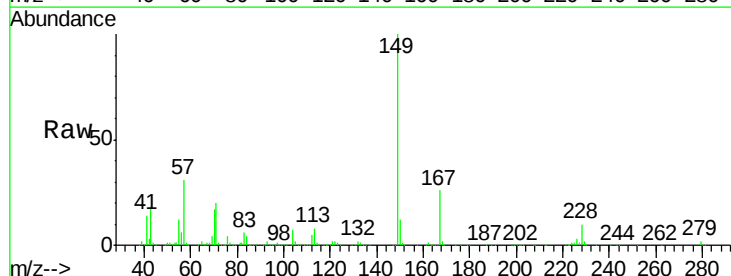
Instrument :
 BNA_F
 ClientSampleId :
 SB-39SMSD

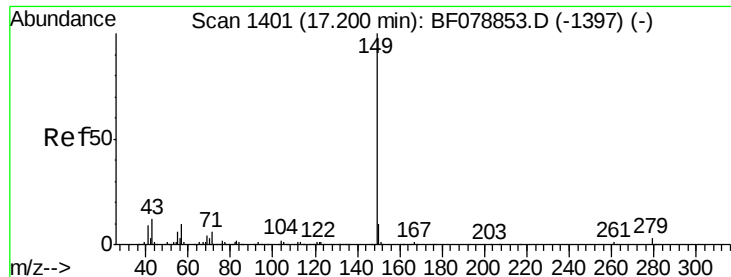
Tot Ion:228 Resp: 600959
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.8 37.2
 229 20.3 16.1 24.1



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.40 ng
 RT: 16.22 min Scan# 1315
 Delta R.T. 0.15 min
 Lab File: BF079239.D
 Acq: 14 May 2015 18:18

Tgt Ion:149 Resp: 399738
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.2 31.8
 279 2.3 2.6 4.0#





#84

Di-n-octyl phthalate

Concen: 49.84 ng

RT: 17.10 min Scan# 1392

Delta R.T. 0.21 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

Instrument :

BNA_F

ClientSampleId :

SB-39SMSD

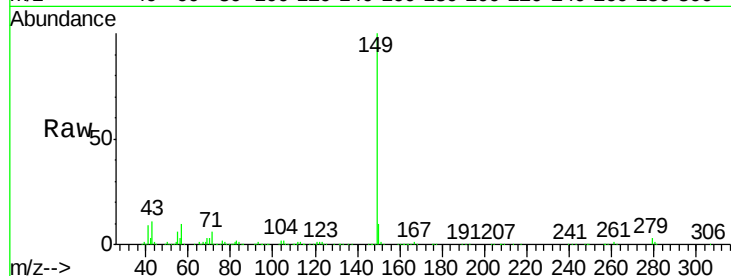
Tot Ion:149 Resp: 669593

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

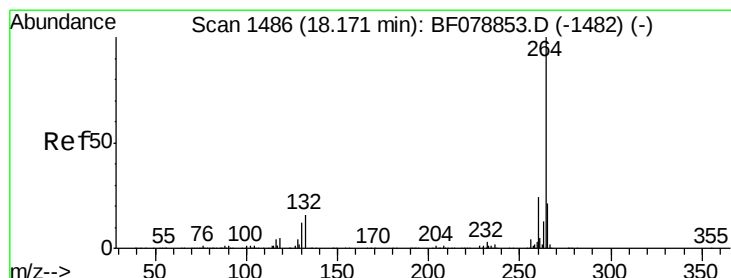
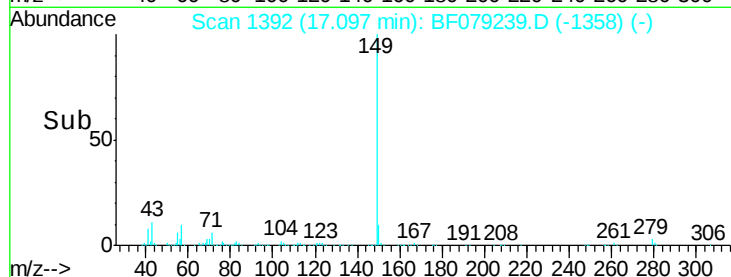
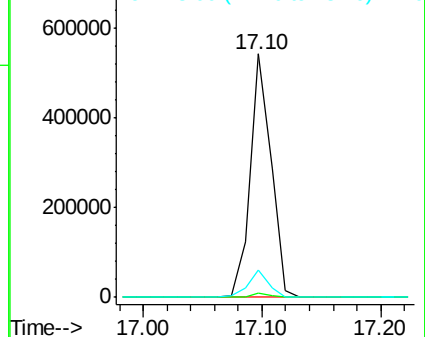
43 10.2 9.0 13.6



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 18.09 min Scan# 1479

Delta R.T. 0.27 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

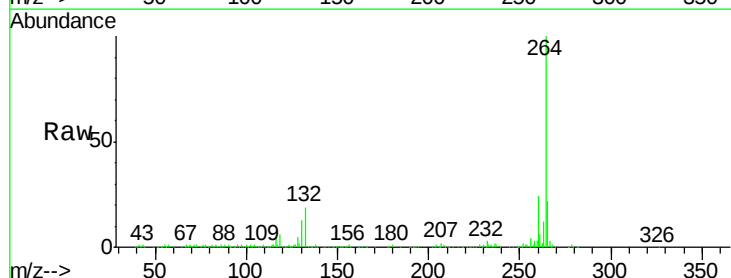
Tgt Ion:264 Resp: 223173

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

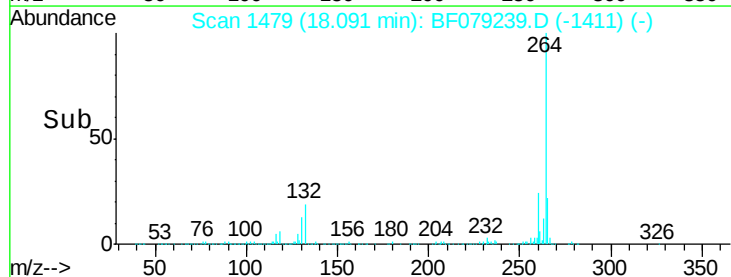
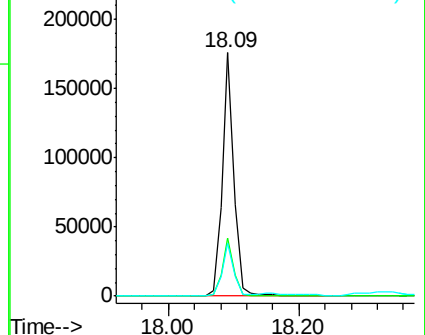
265 21.7 17.2 25.8

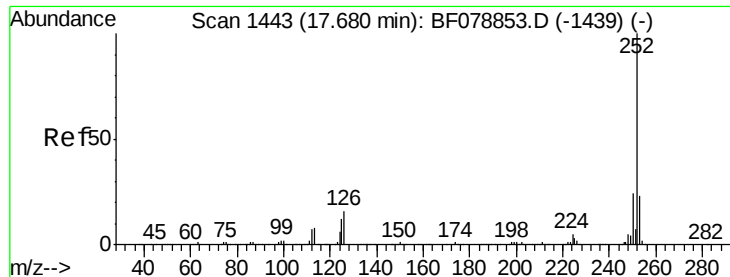


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

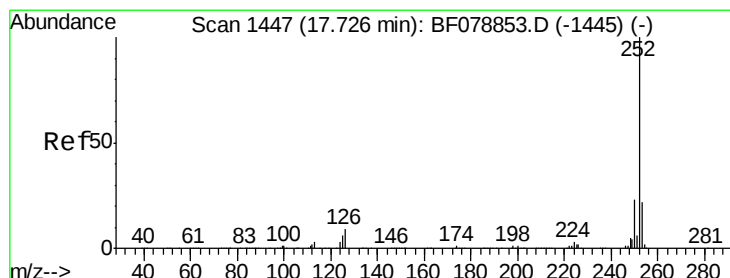
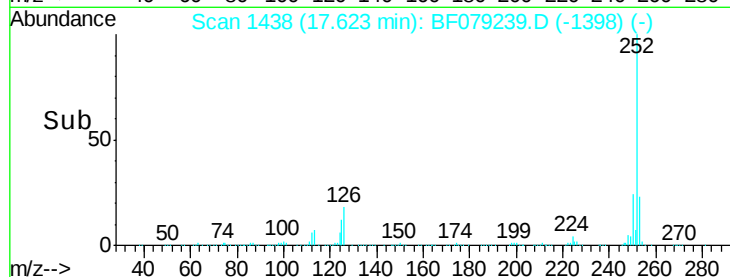
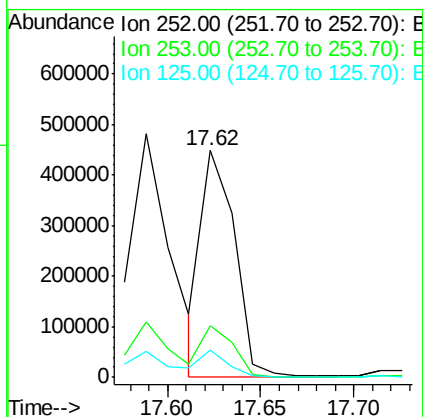
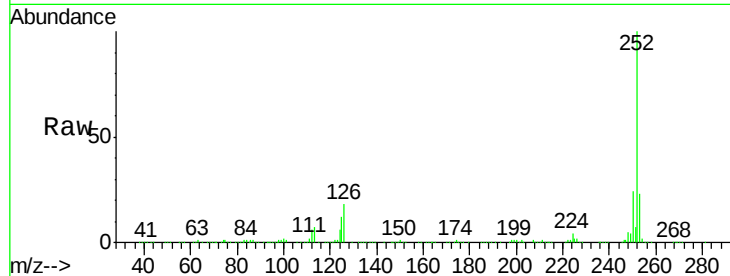




#87
Benzo(b)fluoranthene
Concen: 45.55 ng
RT: 17.62 min Scan# 1438
Delta R.T. 0.27 min
Lab File: BF079239.D
Acq: 14 May 2015 18:18

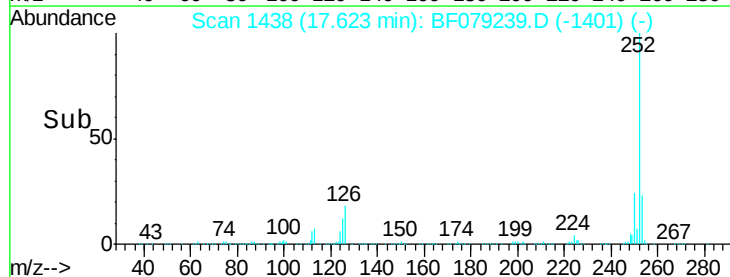
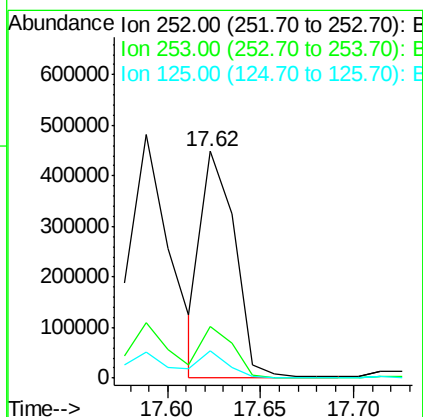
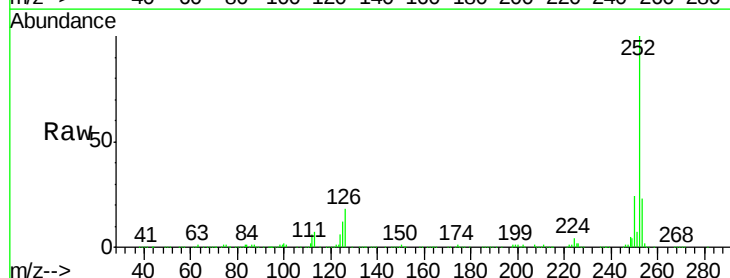
Instrument :
BNA_F
ClientSampleId :
SB-39SMSD

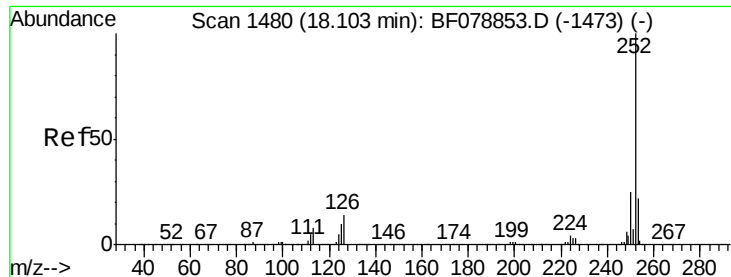
Tot Ion:252 Resp: 556411
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 12.1 9.4 14.2



#88
Benzo(k)fluoranthene
Concen: 47.20 ng
RT: 17.62 min Scan# 1438
Delta R.T. 0.24 min
Lab File: BF079239.D
Acq: 14 May 2015 18:18

Tgt Ion:252 Resp: 558110
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 12.1 6.1 9.1#





#89

Benzo(a)pyrene

Concen: 56.90 ng

RT: 18.02 min Scan# 1473

Delta R.T. 0.27 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

Instrument :

BNA_F

ClientSampleId :

SB-39SMSD

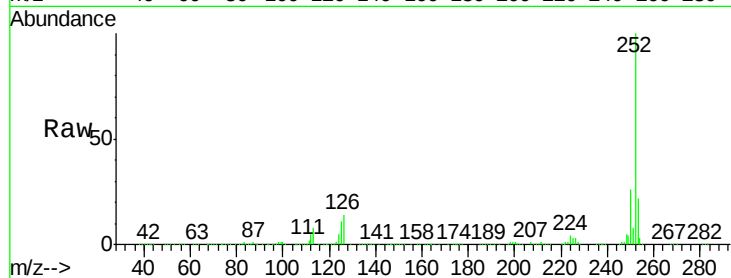
Tot Ion:252 Resp: 639943

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

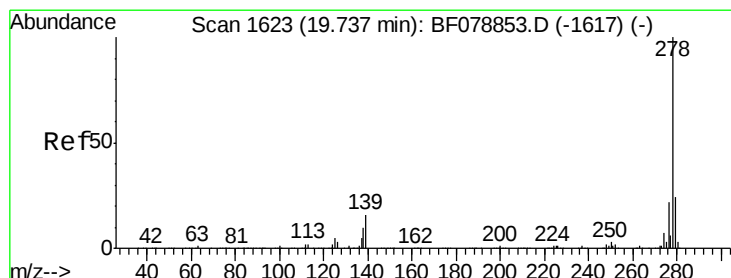
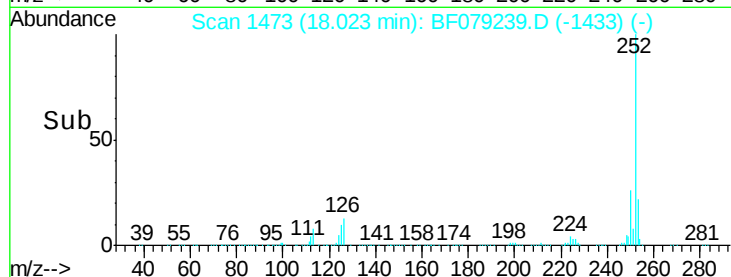
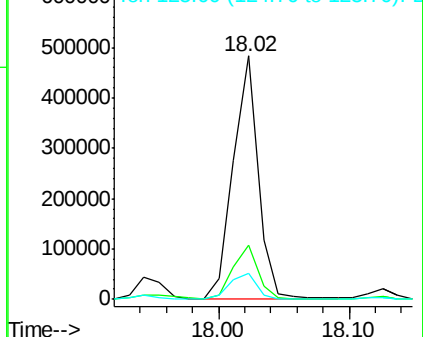
125 10.5 8.2 12.2



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: 50.49 ng

RT: 19.61 min Scan# 1612

Delta R.T. 0.37 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

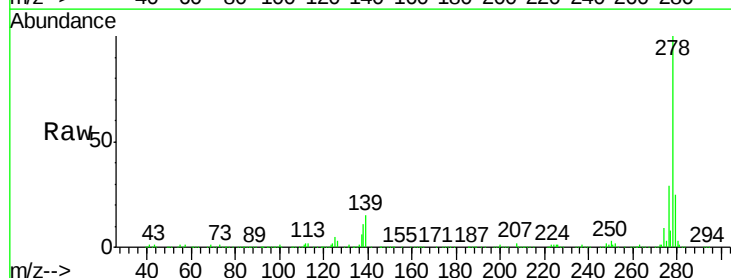
Tgt Ion:278 Resp: 603512

Ion Ratio Lower Upper

278 100

139 15.4 13.1 19.7

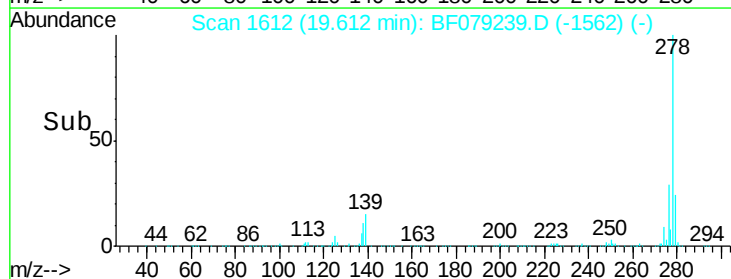
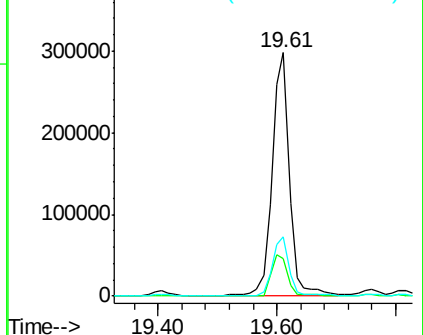
279 24.5 19.1 28.7

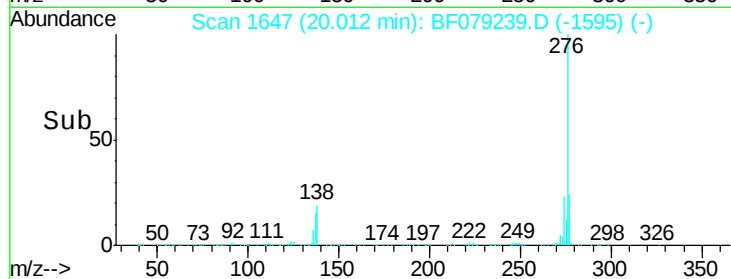
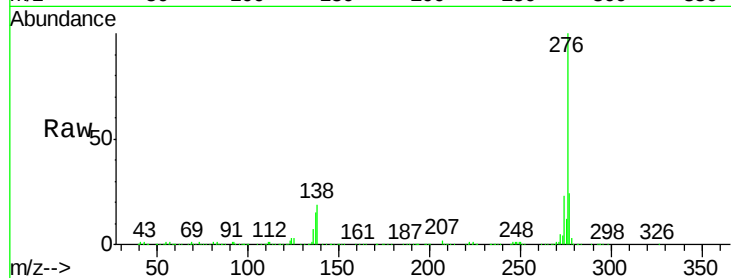
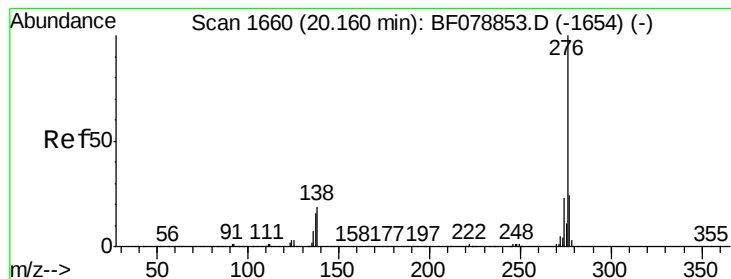


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 53.97 ng

RT: 20.01 min Scan# 1647

Delta R.T. 0.39 min

Lab File: BF079239.D

Acq: 14 May 2015 18:18

Instrument :

BNA_F

ClientSampleId :

SB-39SMSD

Tot Ion: 276 Resp: 646654

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 18.9 15.2 22.8

