

Data Path : C:\DOCUMENTS AND SETTINGS\AYUL\DESKTOP\BF051415\
 Data File : BF079243.D
 Acq On : 14 May 2015 20:29
 Operator : TP/IZ
 Sample : G2246-04 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12

Quant Time: Aug 05 04:08:28 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

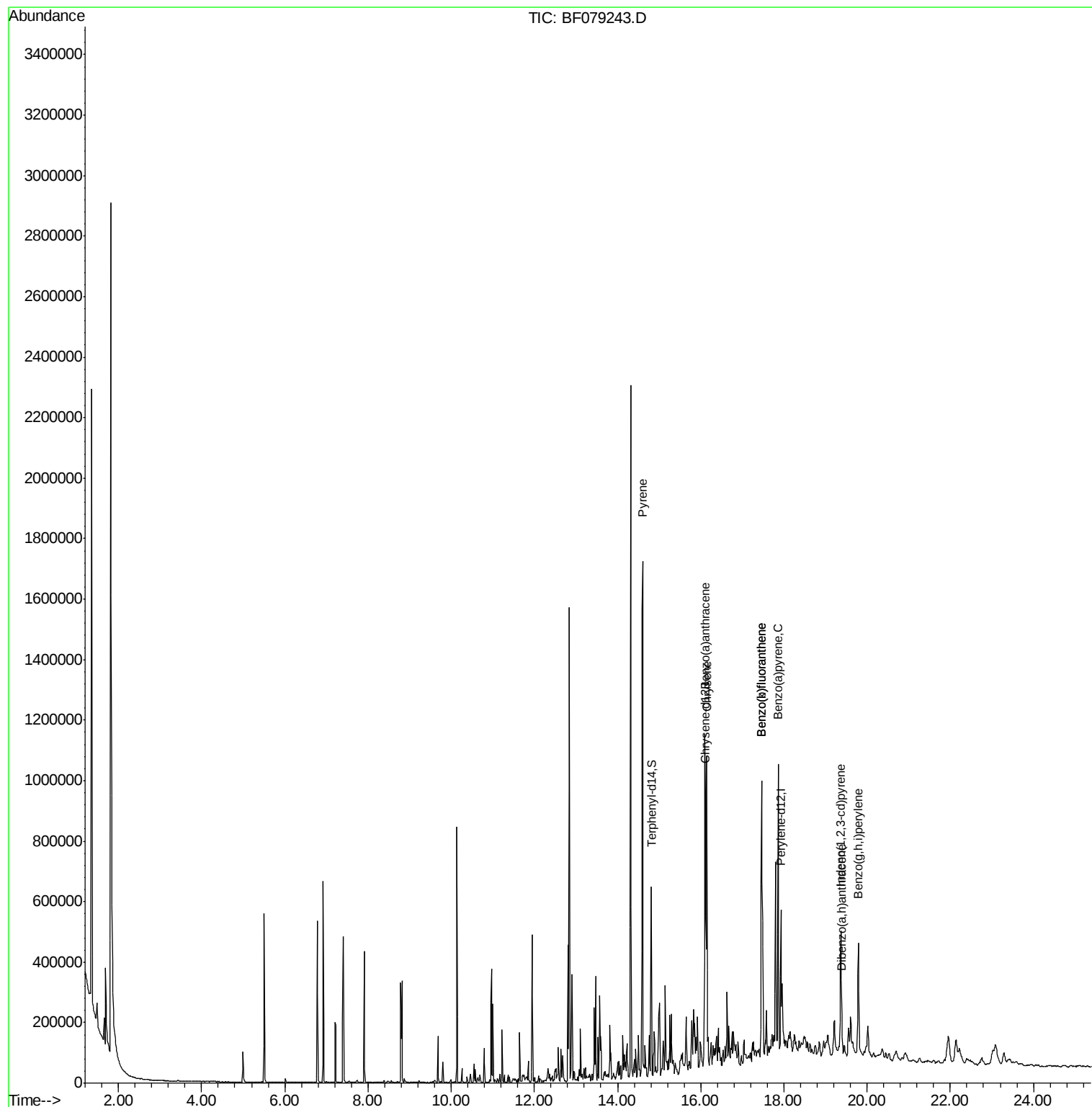
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-7.13
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.71
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-10.88
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-12.72
75) Chrysene-d12	16.11	240	189728	20.00	ng	0.09
86) Perylene-d12	17.93	264	219047	20.00	ng	0.11
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	289310	36.51	ng	0.09
Target Compounds						
77) Pyrene	14.61	202	988811	90.44	ng	Qvalue 99
80) Benzo(a)anthracene	16.10	228	494533	47.60	ng	95
82) Chrysene	16.15	228	437816	43.81	ng	97
85) Indeno(1,2,3-cd)pyrene	19.37	276	294281	23.11	ng	97
87) Benzo(b)fluoranthene	17.46	252	791095	65.98	ng	99
88) Benzo(k)fluoranthene	17.46	252	791095	68.16	ng	# 95
89) Benzo(a)pyrene	17.86	252	448179	40.60	ng	97
90) Dibenzo(a,h)anthracene	19.39	278	79093	6.74	ng	94
91) Benzo(g,h,i)perylene	19.79	276	287329	24.43	ng	# 95

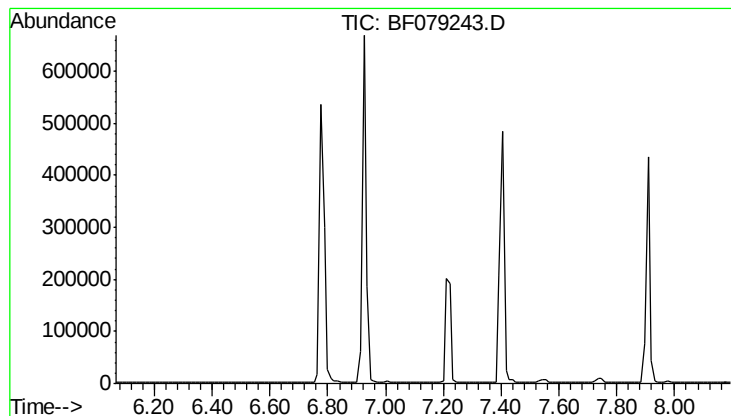
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 7.13 min

Lab File: BF079243.D

Acq: 14 May 2015 20:29

Instrument :

BNA_F

ClientSampleId :

SB-12

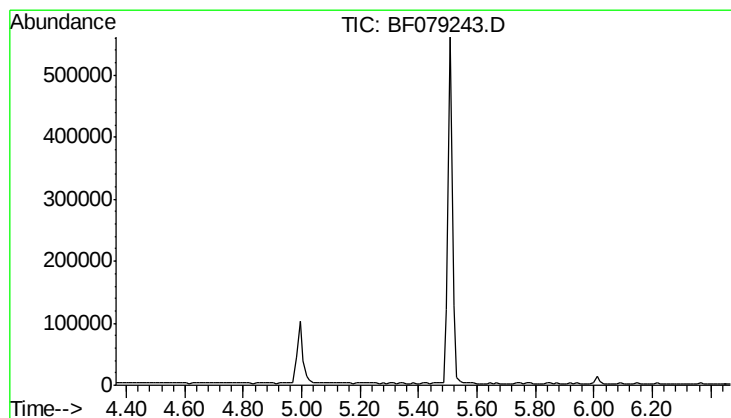
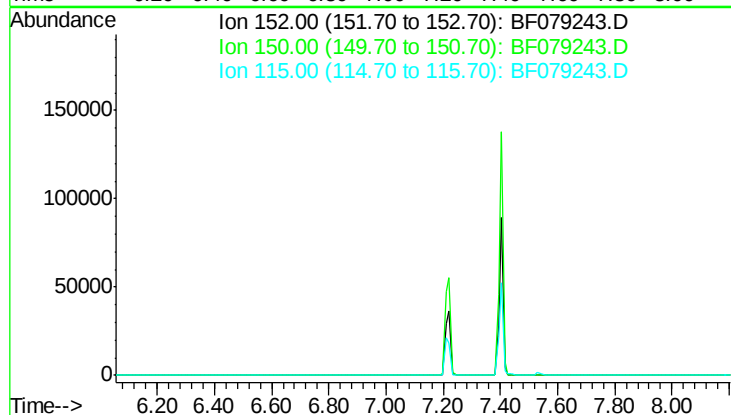
Tot Ion: 152

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: BF079243.D

Acq: 14 May 2015 20:29

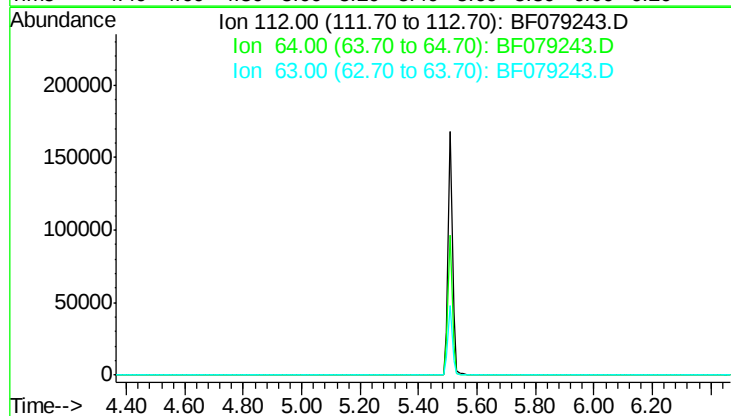
Tgt Ion: 112

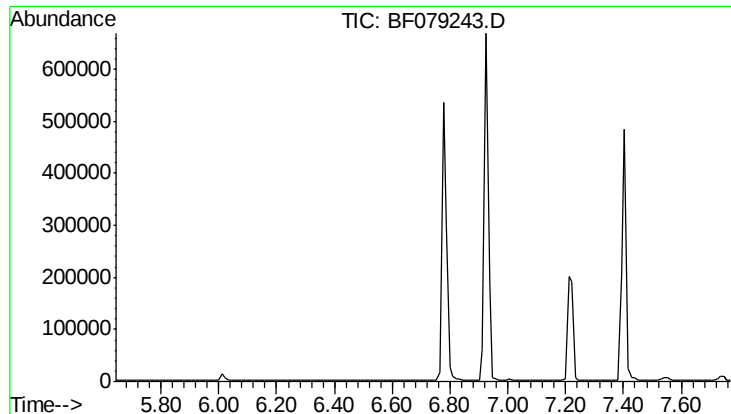
Sig Exp Ratio

112 100

64 55.2

63 28.4





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.71 min

Lab File: BF079243.D

Acq: 14 May 2015 20:29

Instrument :

BNA_F

ClientSampleId :

SB-12

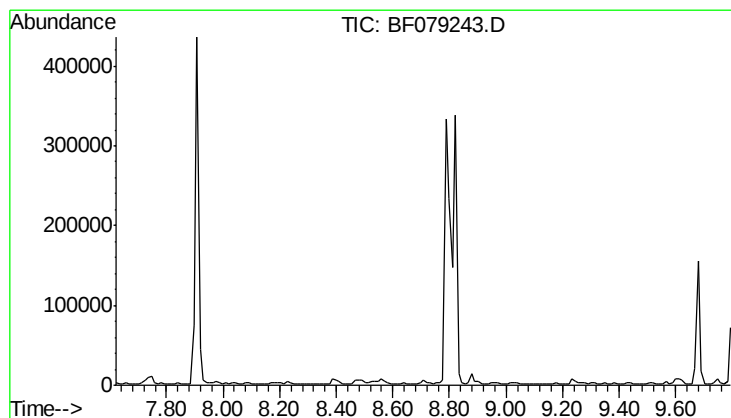
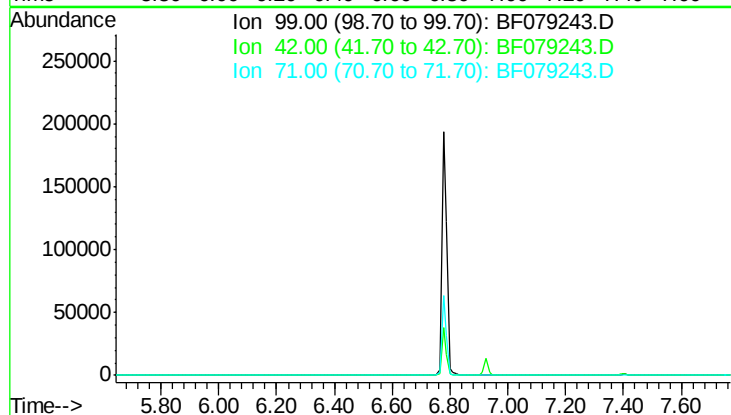
Tot Ion: 99

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: BF079243.D

Acq: 14 May 2015 20:29

Tgt Ion: 136

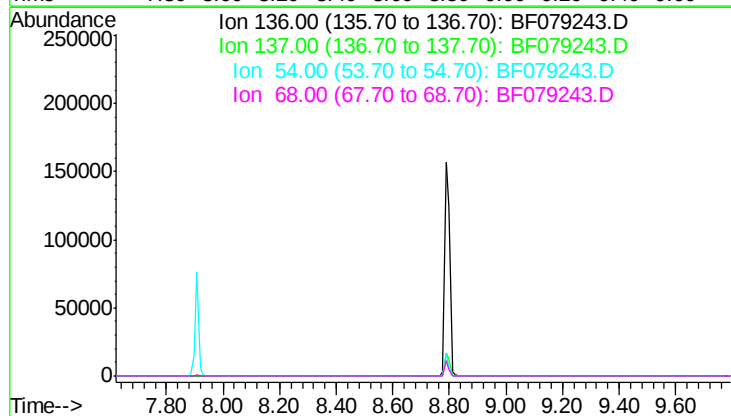
Sig Exp Ratio

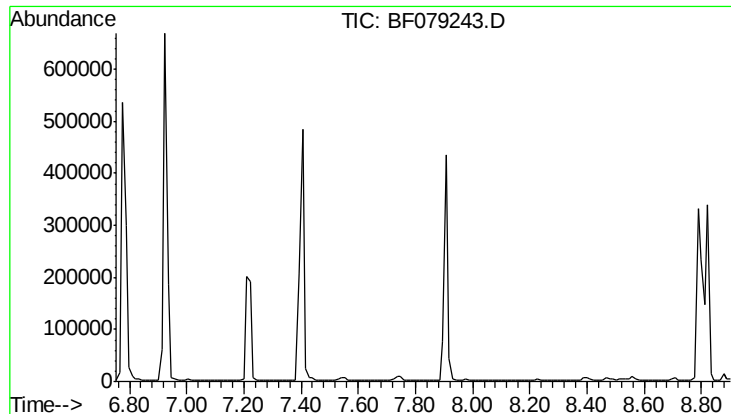
136 100

137 11.0

54 8.6

68 6.1

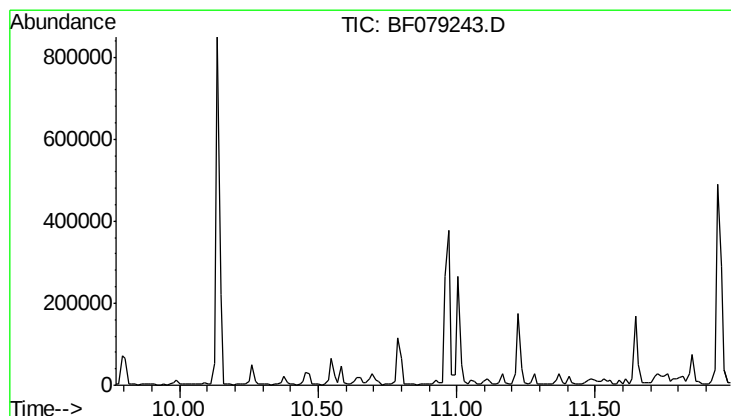
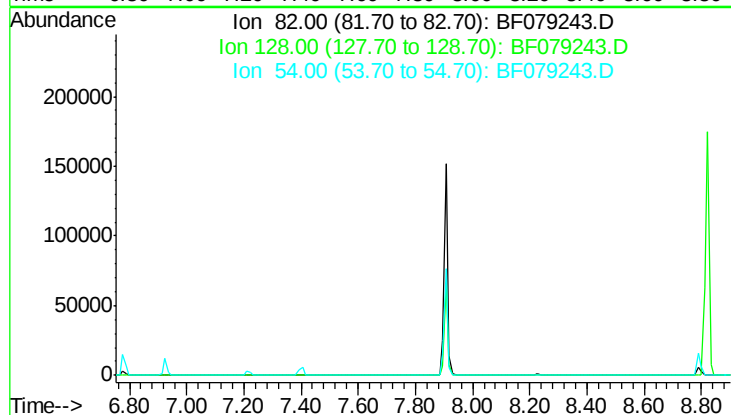




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.83 min
 Lab File: BF079243.D
 Acq: 14 May 2015 20:29

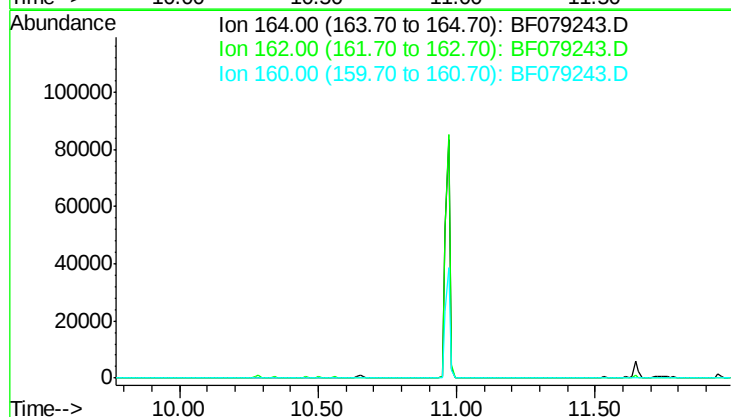
Instrument :
 BNA_F
 ClientSampleId :
 SB-12

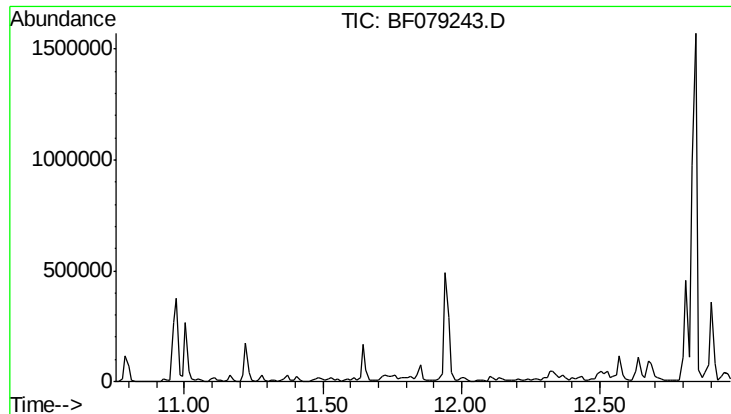
Tot Ion: 82
 Sig Exp Ratio
 82 100
 128 37.1
 54 57.8



#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 10.88 min
 Lab File: BF079243.D
 Acq: 14 May 2015 20:29

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: BF079243.D

Acq: 14 May 2015 20:29

Instrument :

BNA_F

ClientSampleId :

SB-12

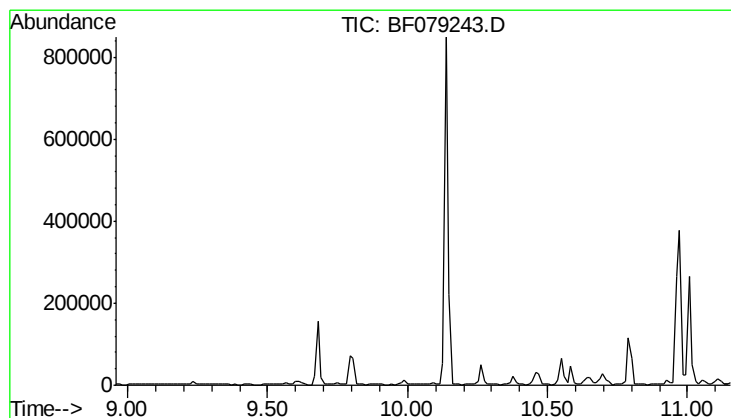
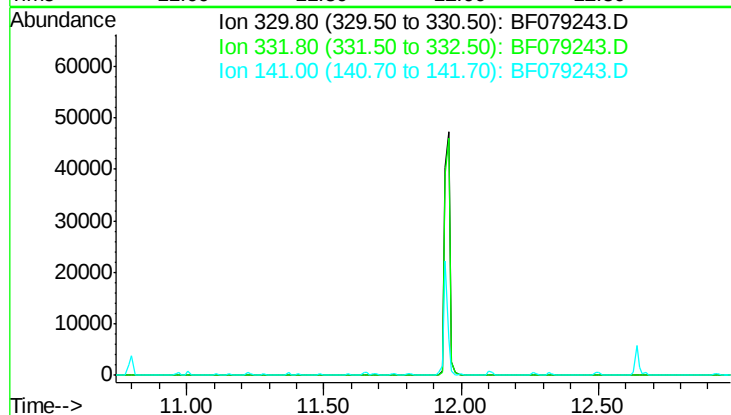
Tot Ion: 330

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: BF079243.D

Acq: 14 May 2015 20:29

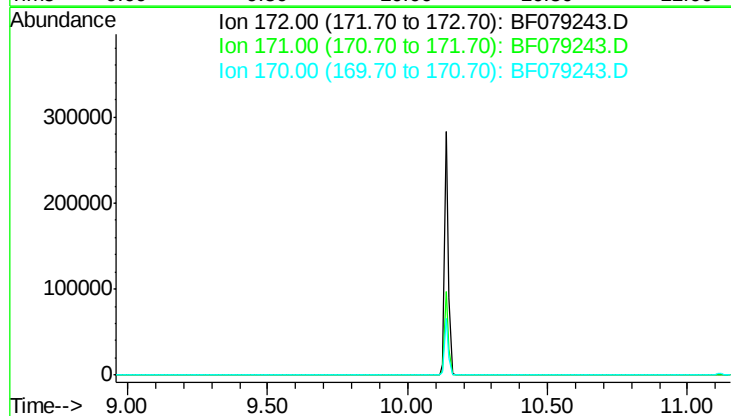
Tgt Ion: 172

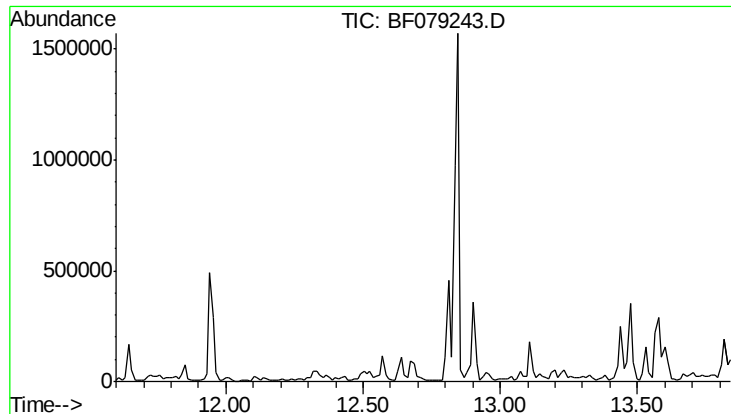
Sig Exp Ratio

172 100

171 35.4

170 24.3

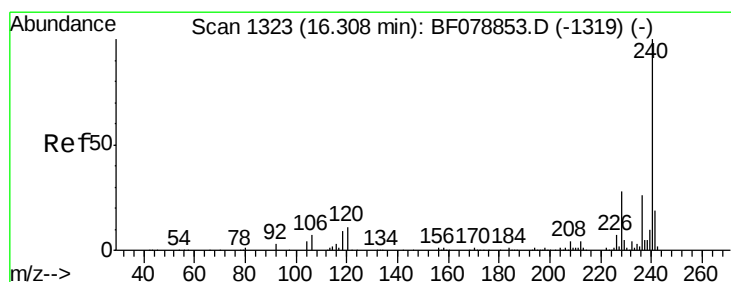
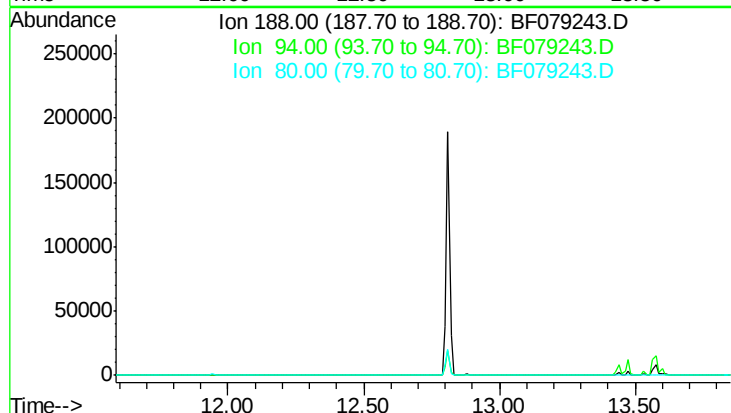




#63
 Phenanthrene-d10
 Concen: 0.00 ng
 Expected RT: 12.72 min
 Lab File: BF079243.D
 Acq: 14 May 2015 20:29

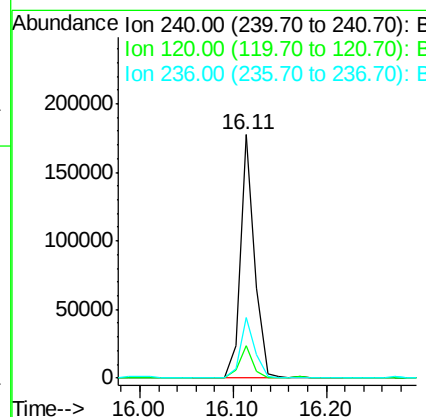
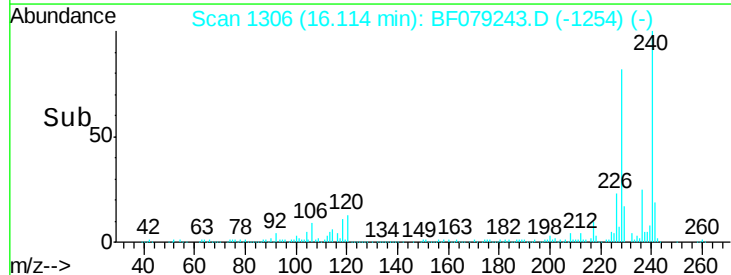
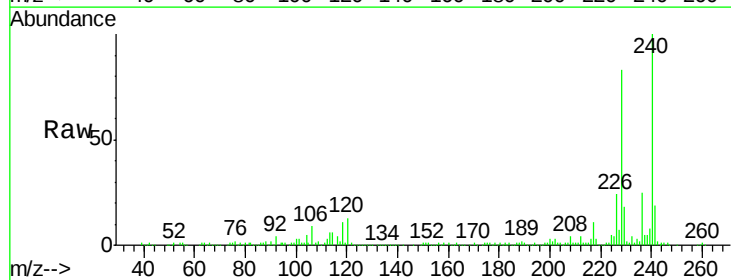
Instrument :
 BNA_F
 ClientSampleId :
 SB-12

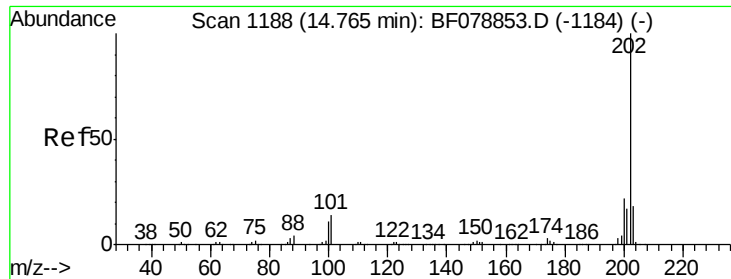
Tot Ion: 188
 Sig Exp Ratio
 188 100
 94 11.7
 80 12.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.11 min Scan# 1306
 Delta R.T. 0.09 min
 Lab File: BF079243.D
 Acq: 14 May 2015 20:29

Tgt Ion: 240 Resp: 189728
 Ion Ratio Lower Upper
 240 100
 120 13.1 8.6 12.8#
 236 24.7 21.0 31.6

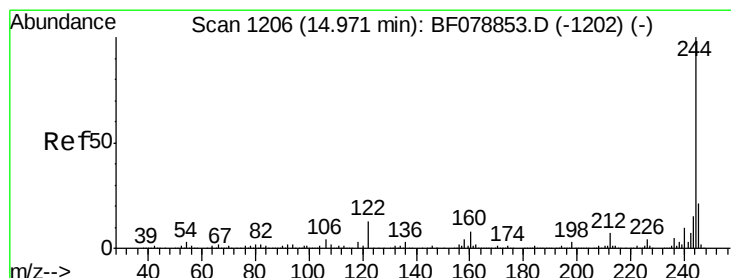
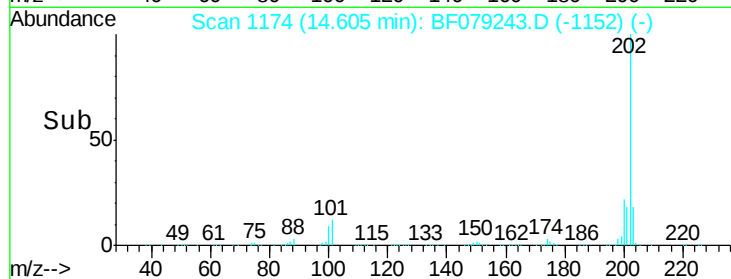
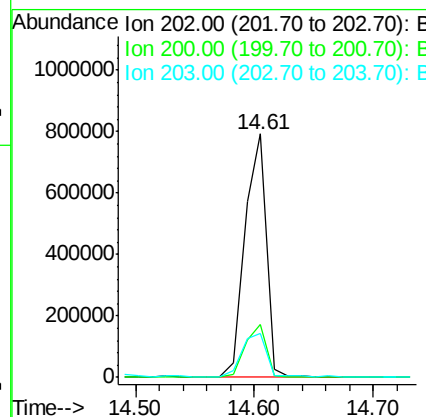
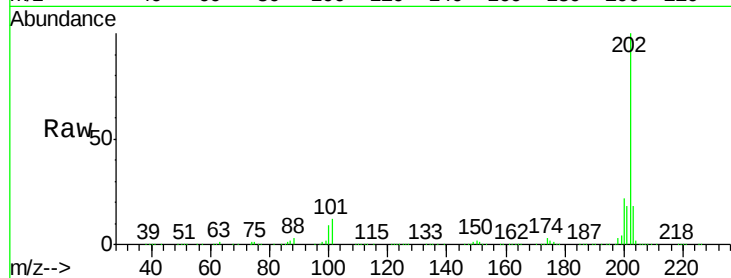




#77
Pvrene
Concen: 90.44 ng
RT: 14.61 min Scan# 1174
Delta R.T. 0.10 min
Lab File: BF079243.D
Acq: 14 May 2015 20:29

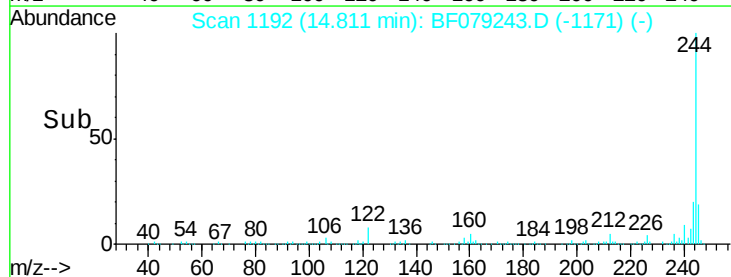
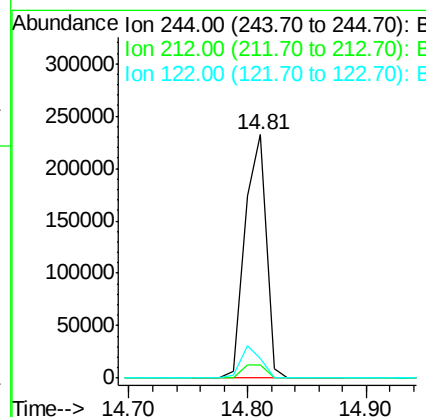
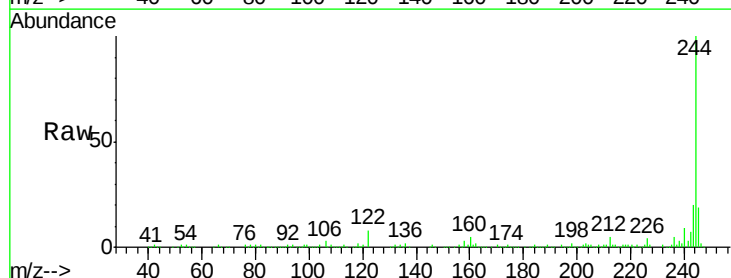
Instrument :
BNA_F
ClientSampleId :
SB-12

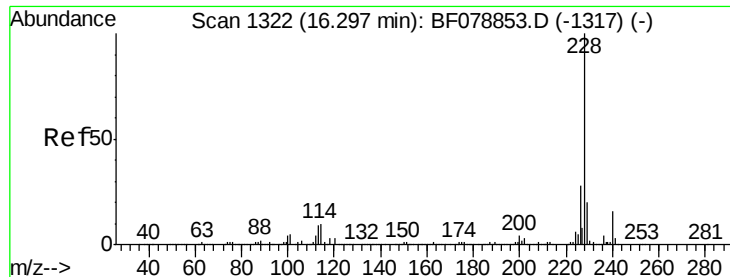
Tot Ion:202 Resp: 988811
Ion Ratio Lower Upper
202 100
200 21.9 17.5 26.3
203 17.9 14.7 22.1



#78
Terphenyl-d14
Concen: 36.51 ng
RT: 14.81 min Scan# 1192
Delta R.T. 0.09 min
Lab File: BF079243.D
Acq: 14 May 2015 20:29

Tgt Ion:244 Resp: 289310
Ion Ratio Lower Upper
244 100
212 5.4 5.6 8.4#
122 8.2 10.5 15.7#





#80

Benzo(a)anthracene

Concen: 47.60 ng

RT: 16.10 min Scan# 1305

Delta R.T. 0.09 min

Lab File: BF079243.D

Acq: 14 May 2015 20:29

Instrument :

BNA_F

ClientSampled :

SB-12

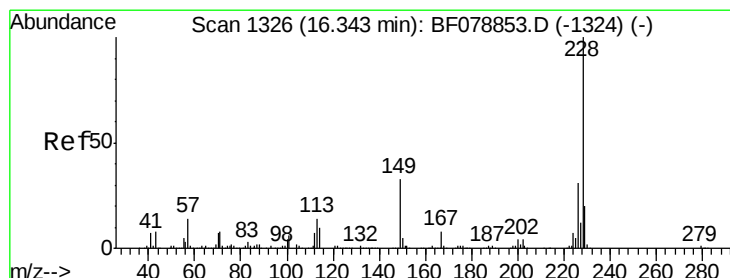
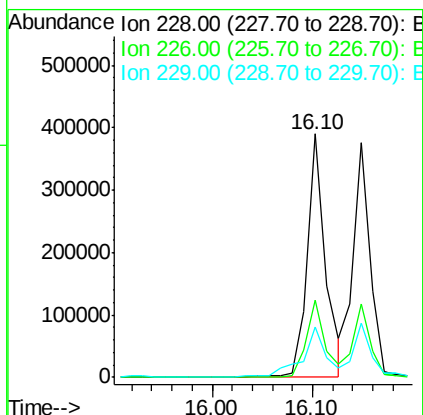
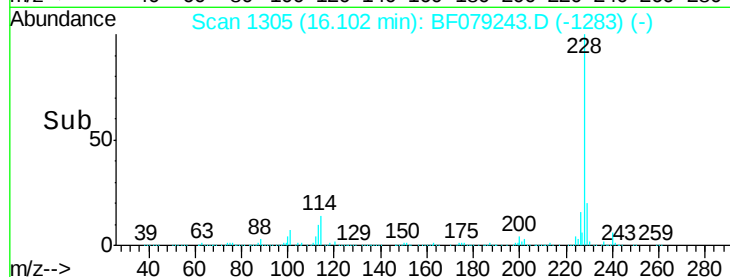
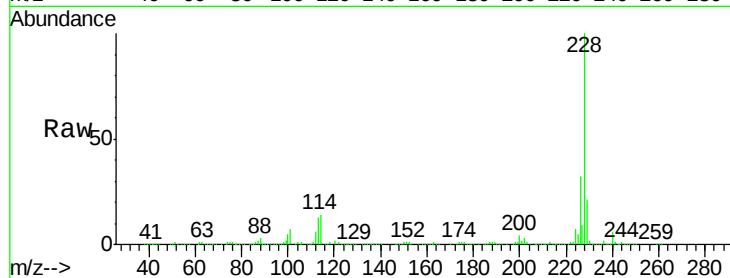
Tot Ion:228 Resp: 494533

Ion Ratio Lower Upper

228 100

226 31.7 22.3 33.5

229 20.6 16.1 24.1



#82

Chrysene

Concen: 43.81 ng

RT: 16.15 min Scan# 1309

Delta R.T. 0.09 min

Lab File: BF079243.D

Acq: 14 May 2015 20:29

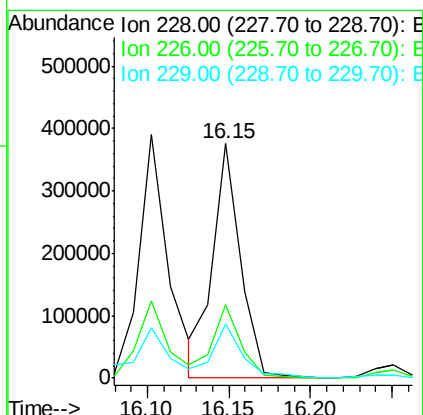
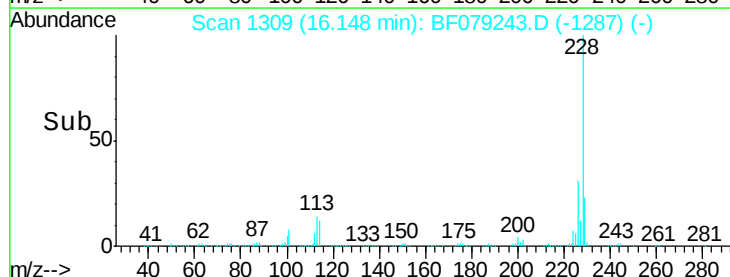
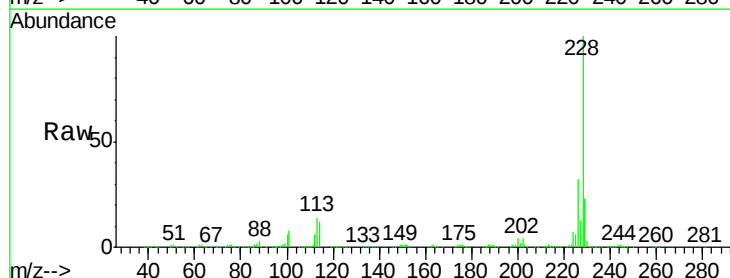
Tgt Ion:228 Resp: 437816

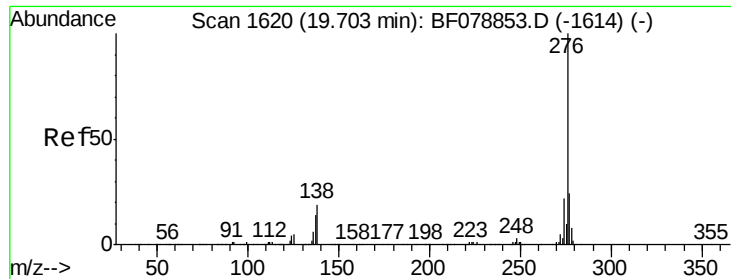
Ion Ratio Lower Upper

228 100

226 31.6 24.8 37.2

229 23.4 16.1 24.1

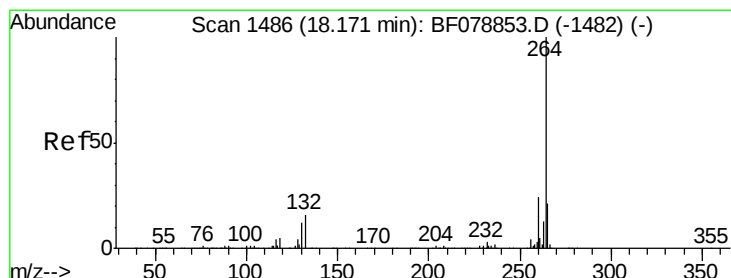
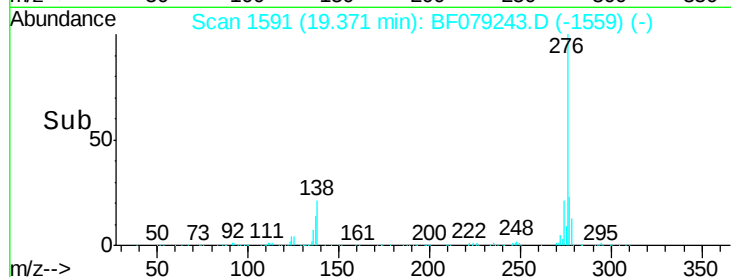
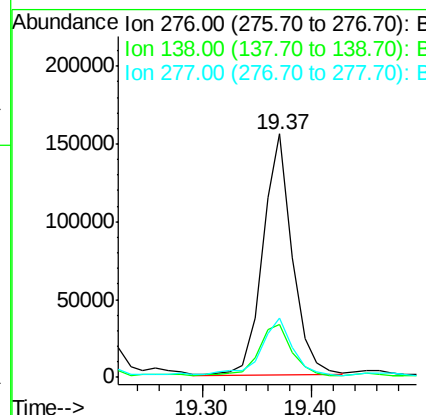
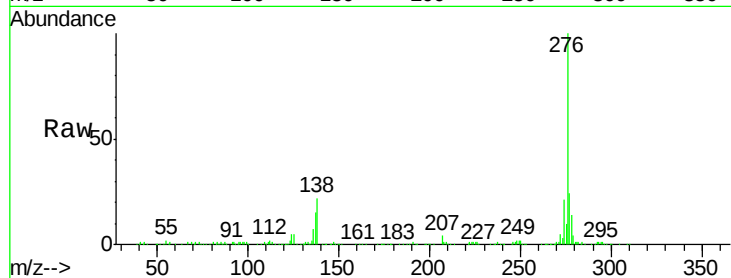




#85
Indeno(1,2,3-cd)pyrene
Concen: 23.11 ng
RT: 19.37 min Scan# 1591
Delta R.T. 0.16 min
Lab File: BF079243.D
Acq: 14 May 2015 20:29

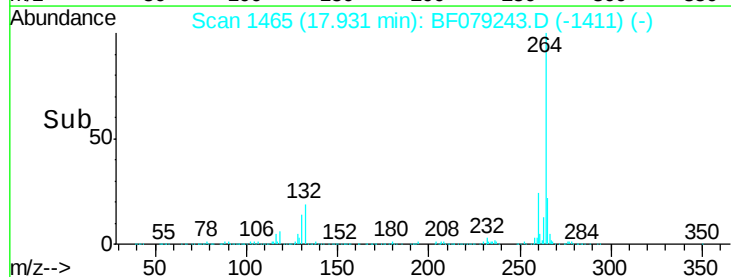
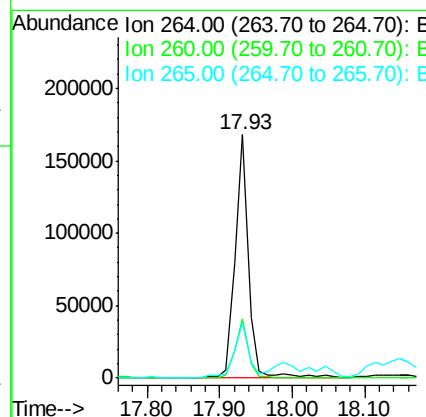
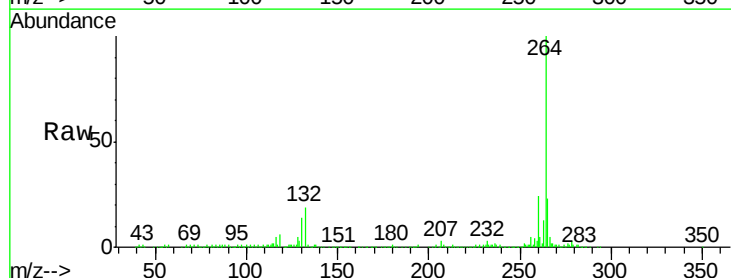
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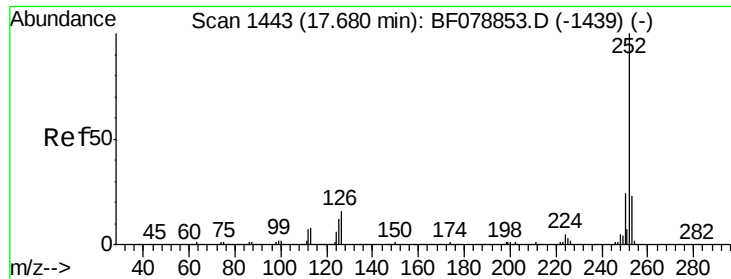
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	21.1	31.7
277	26.6	19.9	29.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.93 min Scan# 1465
Delta R.T. 0.11 min
Lab File: BF079243.D
Acq: 14 May 2015 20:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 65.98 ng

RT: 17.46 min Scan# 1424

Delta R.T. 0.11 min

Lab File: BF079243.D

Acq: 14 May 2015 20:29

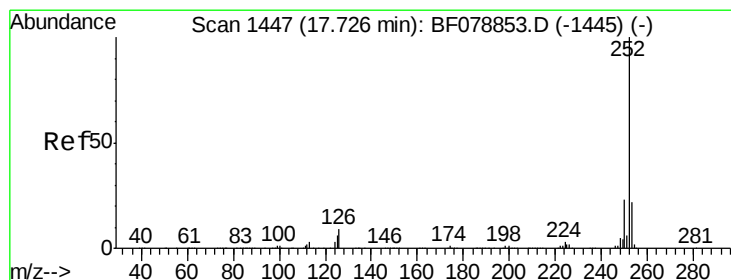
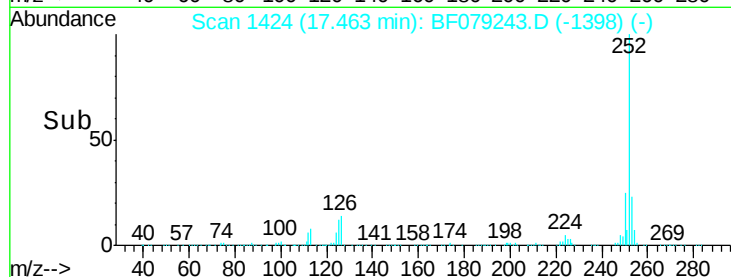
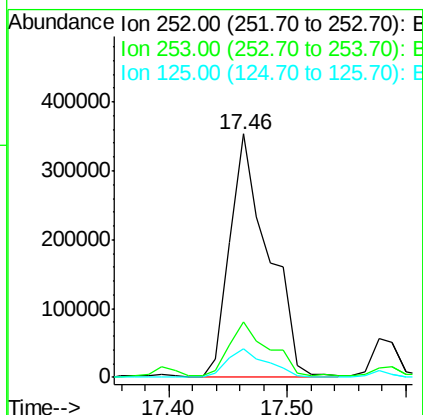
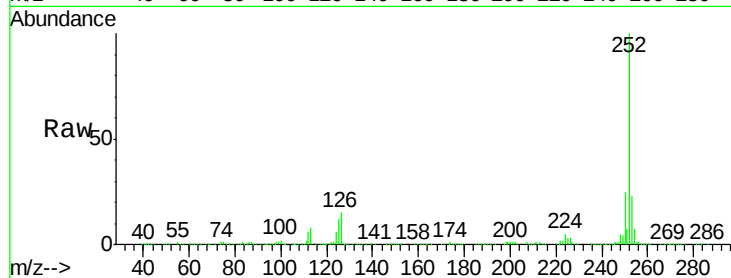
Instrument :

BNA_F

ClientSampleId :

SB-12

Tot Ion:252	Resp:	791095
Ion Ratio	Lower	Upper
252	100	
253	23.0	18.1 27.1
125	11.7	9.4 14.2



#88

Benzo(k)fluoranthene

Concen: 68.16 ng

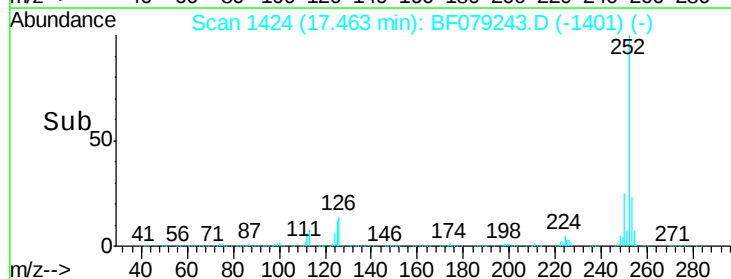
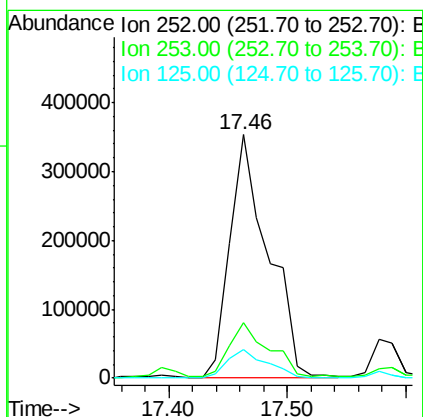
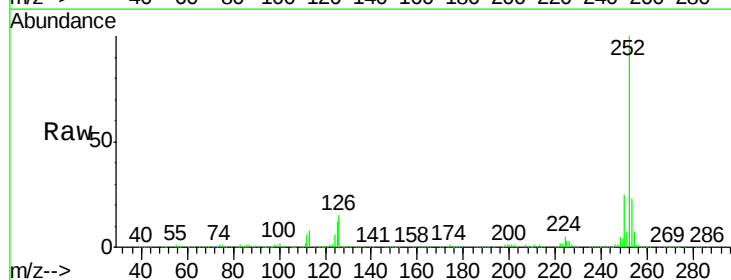
RT: 17.46 min Scan# 1424

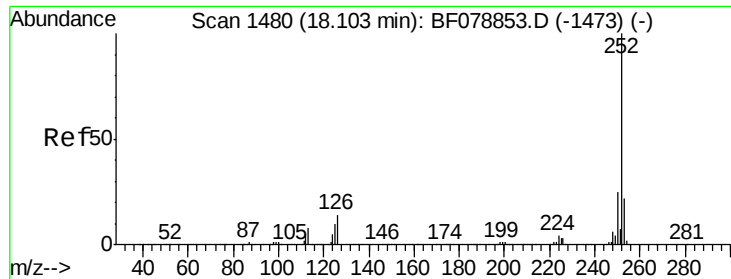
Delta R.T. 0.08 min

Lab File: BF079243.D

Acq: 14 May 2015 20:29

Tgt Ion:252	Resp:	791095
Ion Ratio	Lower	Upper
252	100	
253	23.0	17.4 26.0
125	11.7	6.1 9.1#





#89

Benzo(a)pyrene

Concen: 40.60 ng

RT: 17.86 min Scan# 1459

Delta R.T. 0.11 min

Lab File: BF079243.D

Acq: 14 May 2015 20:29

Instrument :

BNA_F

ClientSampled :

SB-12

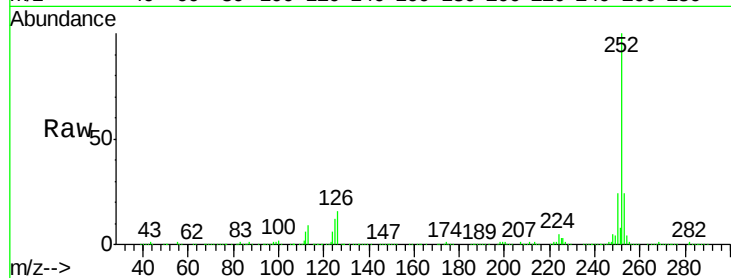
Tot Ion:252 Resp: 448179

Ion Ratio Lower Upper

252 100

253 23.6 18.0 27.0

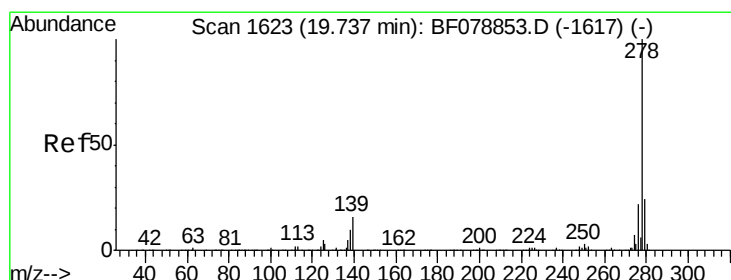
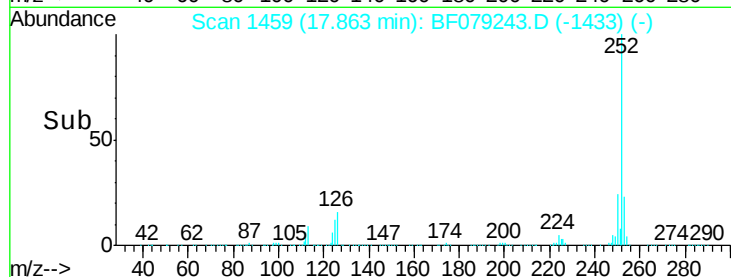
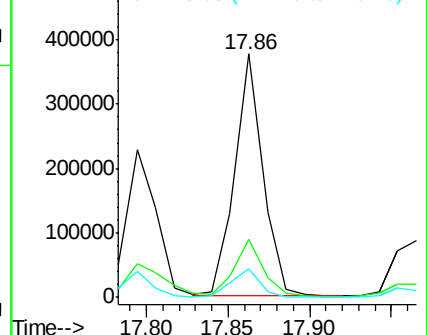
125 11.9 8.2 12.2



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: 6.74 ng

RT: 19.39 min Scan# 1593

Delta R.T. 0.15 min

Lab File: BF079243.D

Acq: 14 May 2015 20:29

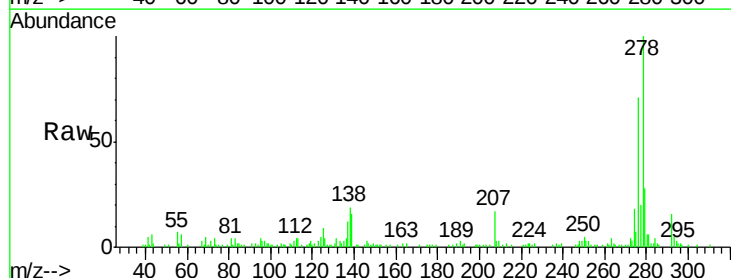
Tgt Ion:278 Resp: 79093

Ion Ratio Lower Upper

278 100

139 16.5 13.1 19.7

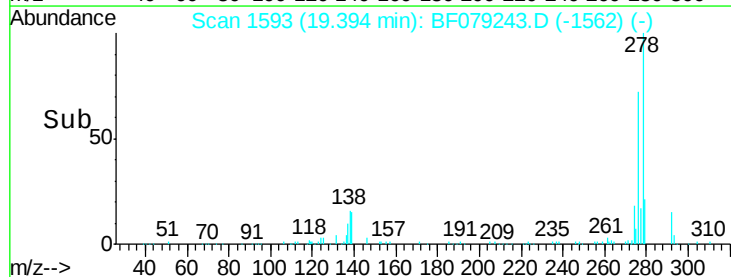
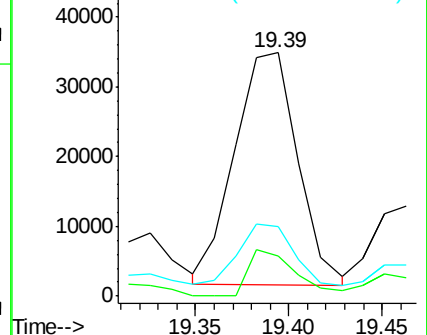
279 28.4 19.1 28.7

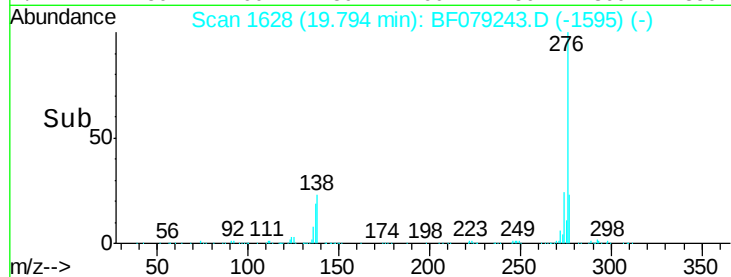
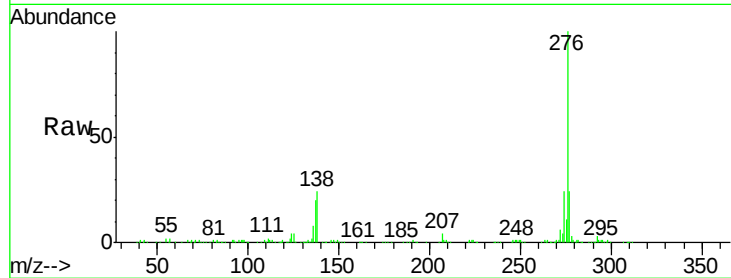
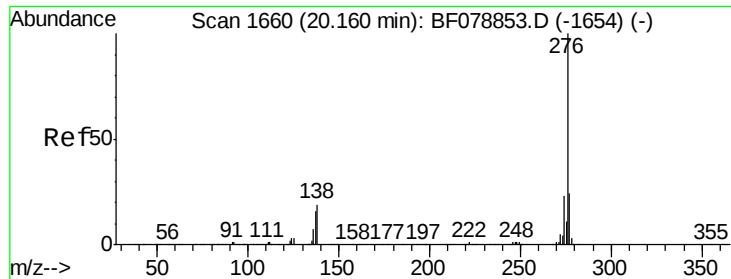


Abundance Ion 278.00 (277.70 to 278.70): E

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: 24.43 ng

RT: 19.79 min Scan# 1628

Delta R.T. 0.17 min

Lab File: BF079243.D

Acq: 14 May 2015 20:29

Instrument :

BNA_F

ClientSampleId :

SB-12

Tot Ion: 276 Resp: 287329

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 23.6 15.2 22.8#

