

Data Path : C:\DOCUMENTS AND SETTINGS\AYUL\DESKTOP\BF051415\
 Data File : BF079247.D
 Acq On : 14 May 2015 22:39
 Operator : TP/IZ
 Sample : G2215-10 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-38D

Quant Time: Aug 05 04:07:15 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

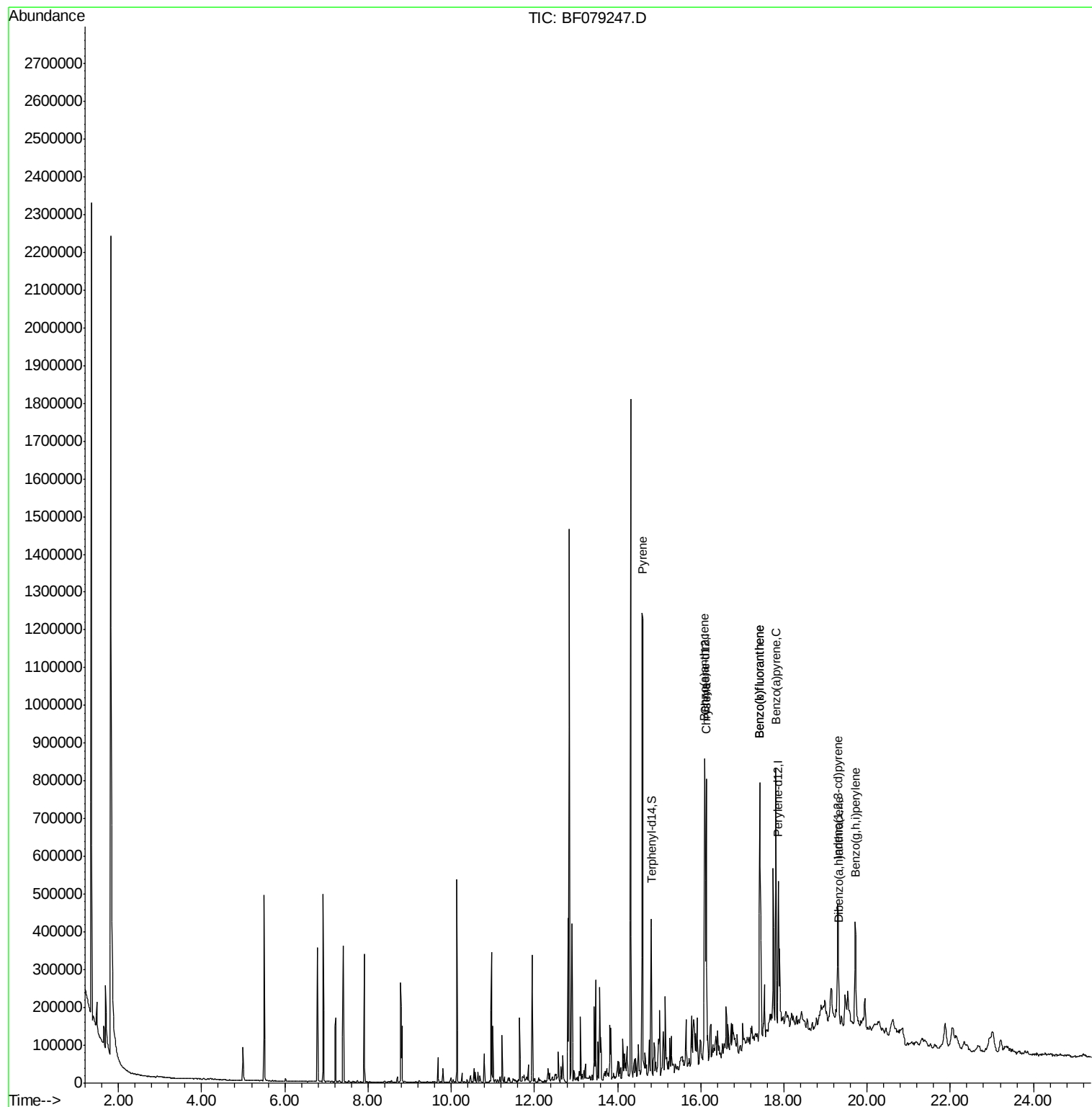
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-7.13
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.71
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-10.88
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-12.72
75) Chrysene-d12	16.10	240	186116	20.00	ng	0.08
86) Perylene-d12	17.86	264	210099	20.00	ng	0.05
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	183503	23.61	ng	0.09
Target Compounds						
77) Pyrene	14.61	202	734656	68.50	ng	Qvalue 99
80) Benzo(a)anthracene	16.09	228	368423	36.15	ng	96
82) Chrysene	16.14	228	314493	32.08	ng	98
85) Indeno(1,2,3-cd)pyrene	19.29	276	238649	19.11	ng	94
87) Benzo(b)fluoranthene	17.42	252	560703	48.76	ng	99
88) Benzo(k)fluoranthene	17.42	252	560703	50.37	ng	# 95
89) Benzo(a)pyrene	17.81	252	327996	30.98	ng	99
90) Dibenzo(a,h)anthracene	19.31	278	60668	5.39	ng	# 94
91) Benzo(g,h,i)perylene	19.71	276	223681	19.83	ng	# 93

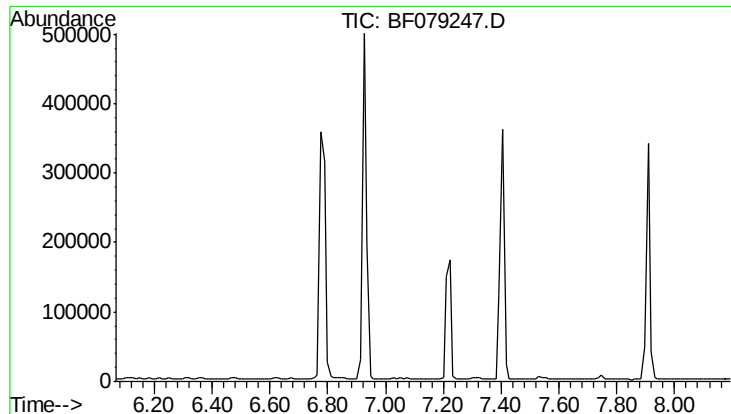
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 7.13 min

Lab File: BF079247.D

Acq: 14 May 2015 22:39

Instrument :

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ClientSampleId :

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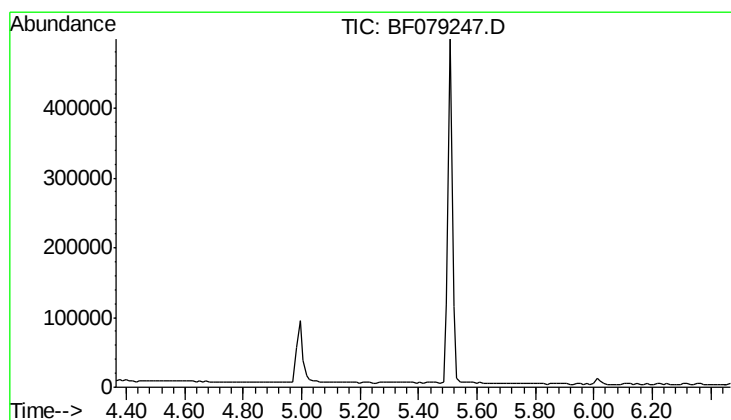
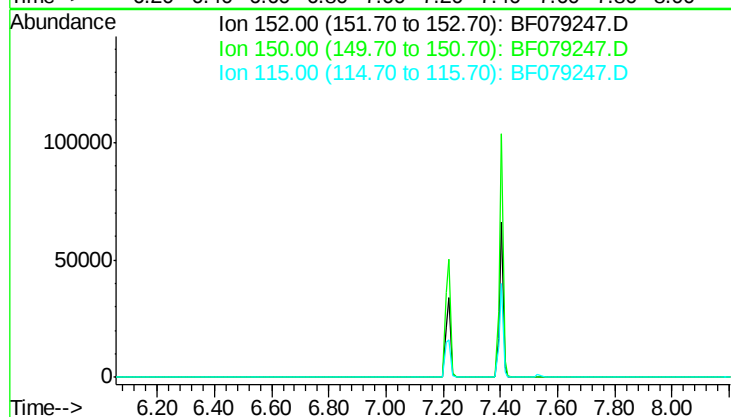
Tot Ion: 152

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: BF079247.D

Acq: 14 May 2015 22:39

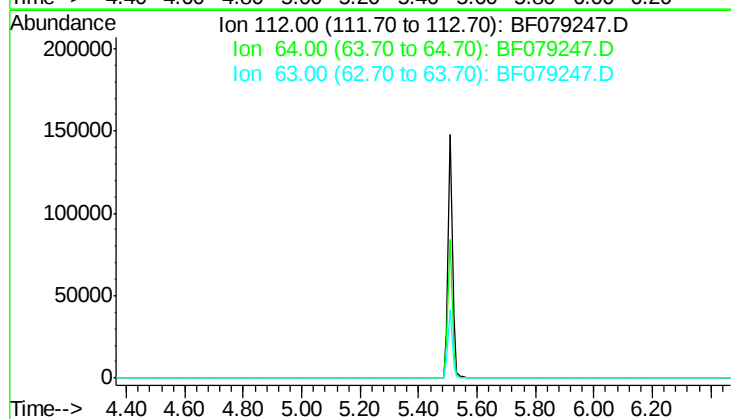
Tgt Ion: 112

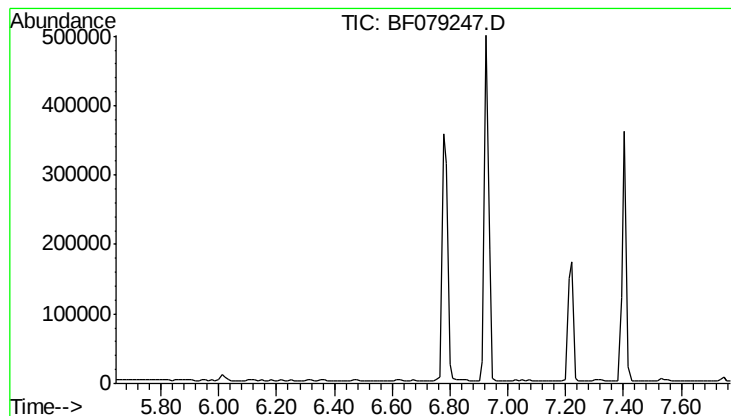
Sig Exp Ratio

112 100

64 55.2

63 28.4





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.71 min

Lab File: BF079247.D

Acq: 14 May 2015 22:39

Instrument :

BNA_F

ClientSampleId :

SB-38D

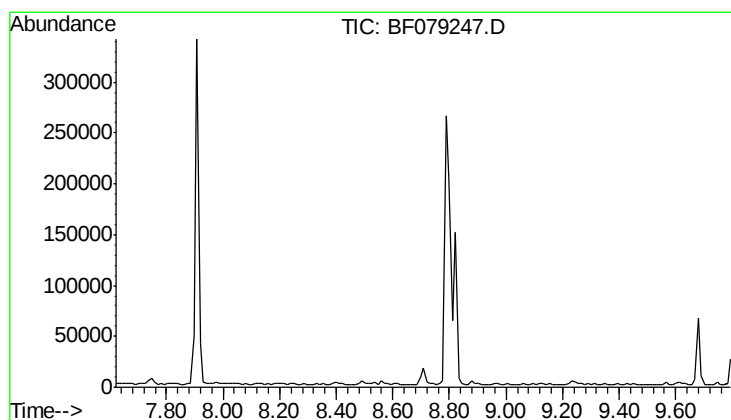
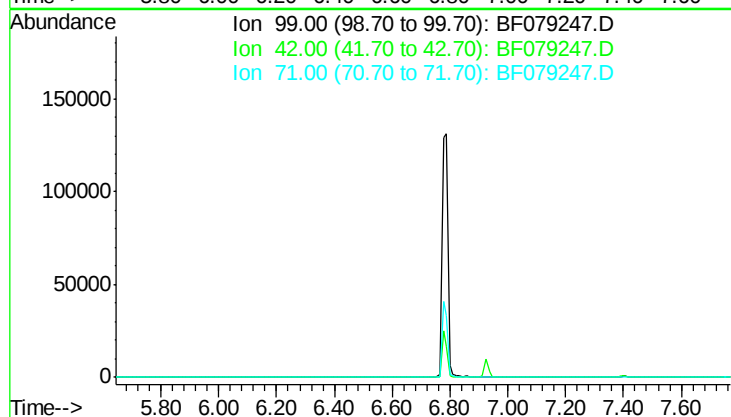
Tot Ion: 99

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: BF079247.D

Acq: 14 May 2015 22:39

Tgt Ion: 136

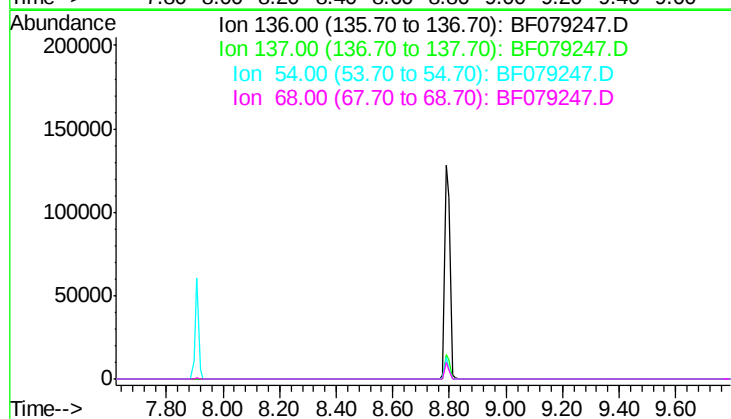
Sig Exp Ratio

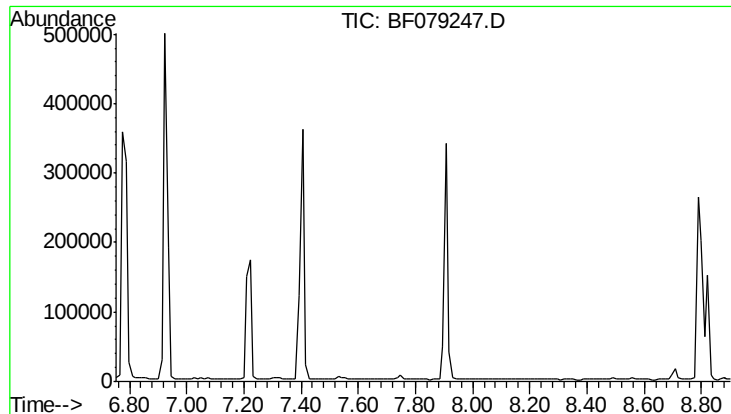
136 100

137 11.0

54 8.6

68 6.1

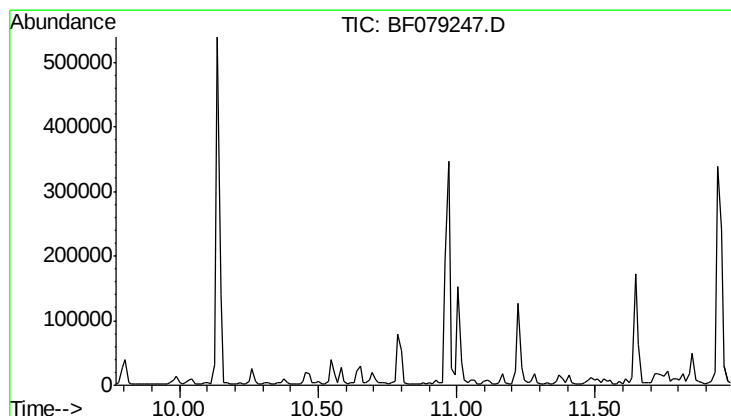
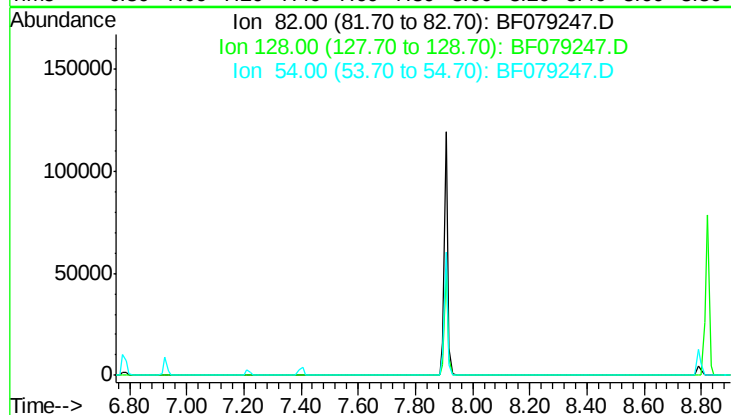




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.83 min
 Lab File: BF079247.D
 Acq: 14 May 2015 22:39

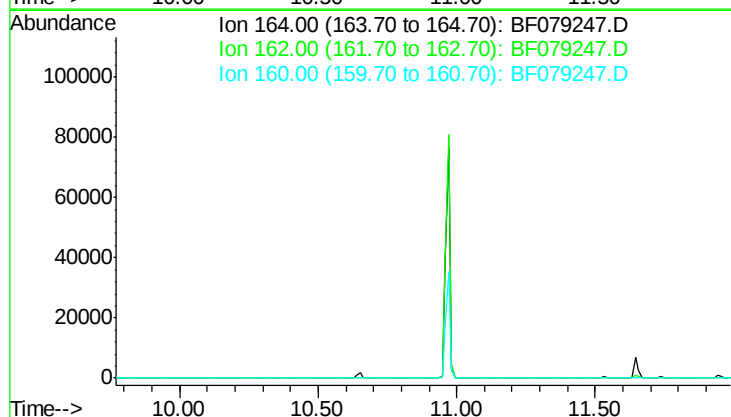
Instrument :
 BNA_F
 ClientSampleId :
 SB-38D

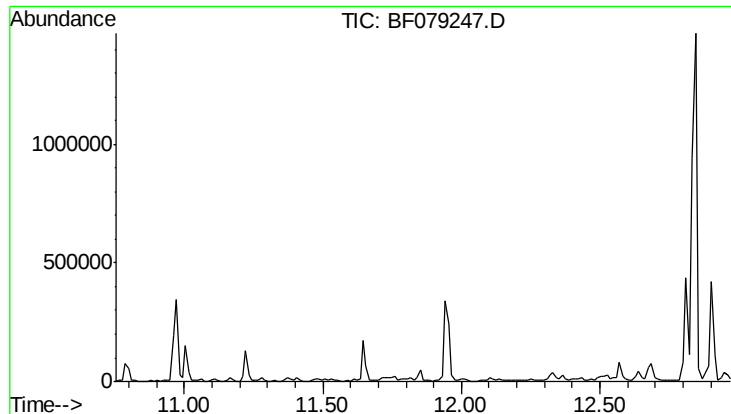
Tot Ion: 82
 Sig Exp Ratio
 82 100
 128 37.1
 54 57.8



#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 10.88 min
 Lab File: BF079247.D
 Acq: 14 May 2015 22:39

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: BF079247.D

Acq: 14 May 2015 22:39

Instrument :

BNA_F

ClientSampleId :

SB-38D

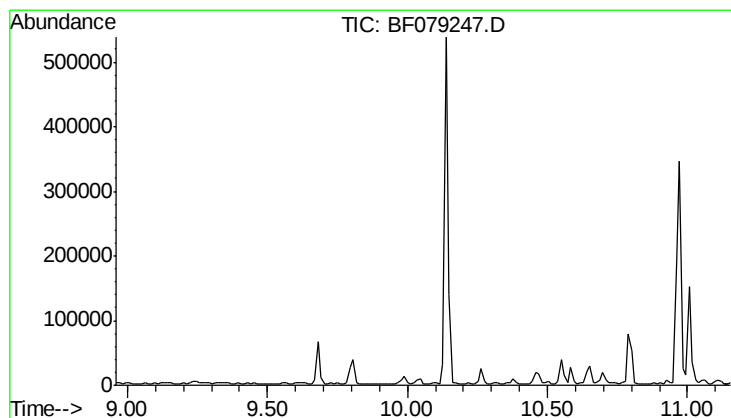
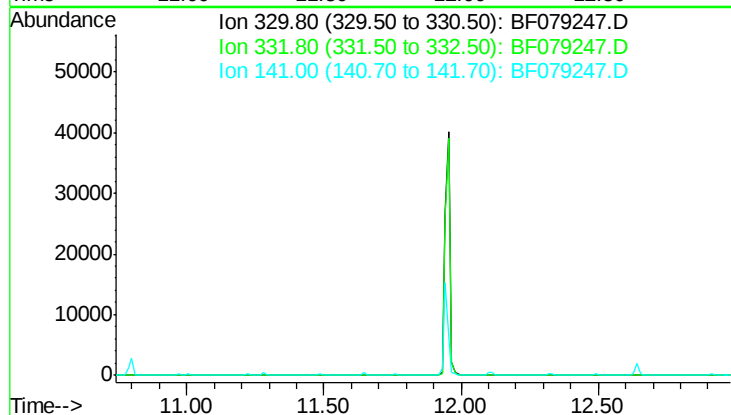
Tot Ion: 330

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: BF079247.D

Acq: 14 May 2015 22:39

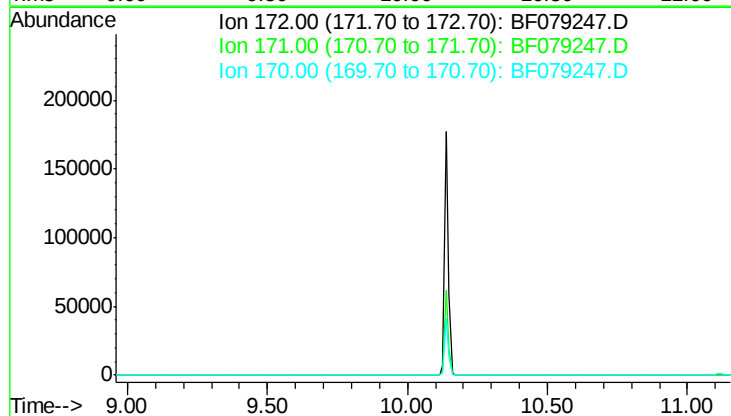
Tgt Ion: 172

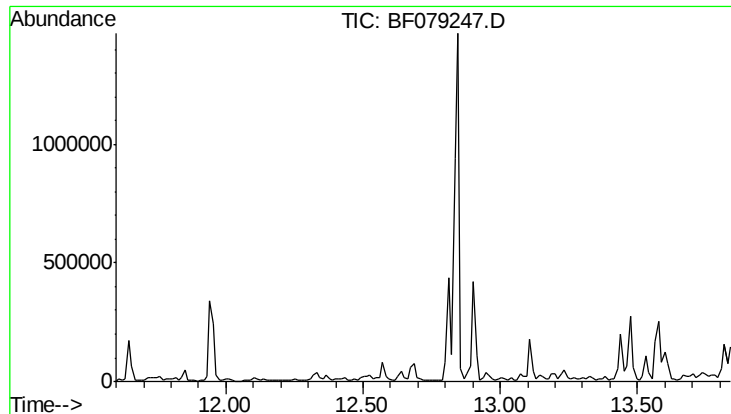
Sig Exp Ratio

172 100

171 35.4

170 24.3

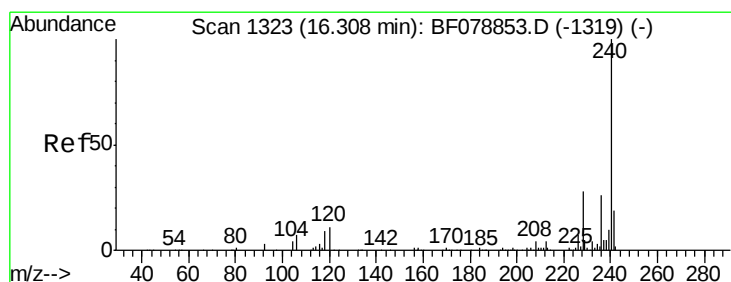
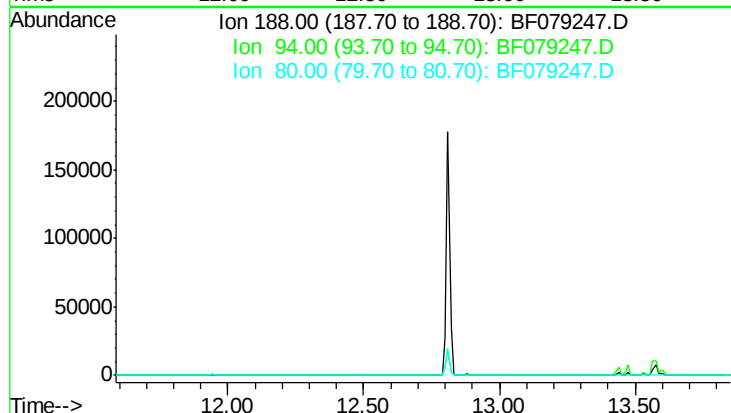




#63
 Phenanthrene-d10
 Concen: 0.00 ng
 Expected RT: 12.72 min
 Lab File: BF079247.D
 Acq: 14 May 2015 22:39

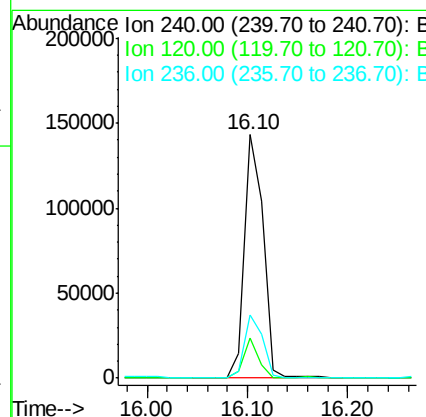
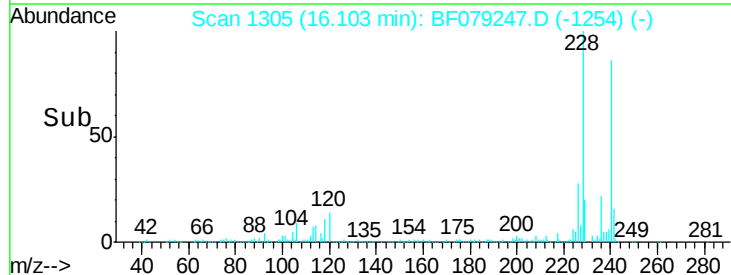
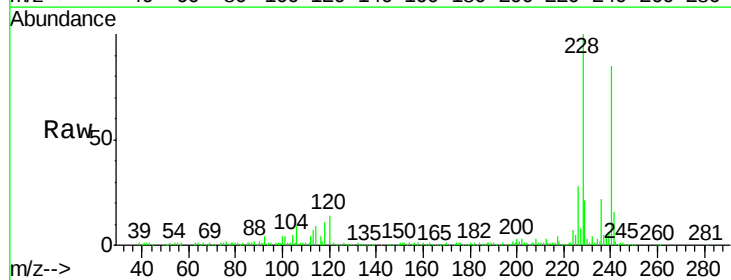
Instrument :
 BNA_F
 ClientSampleId :
 SB-38D

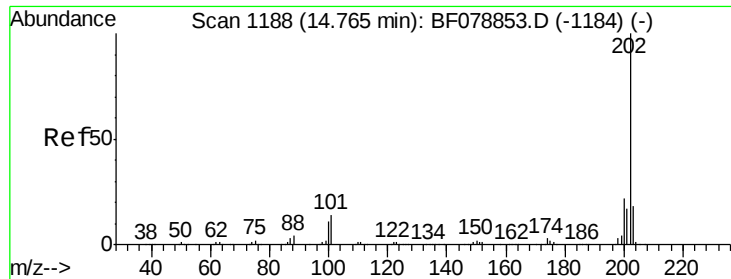
Tot Ion: 188
 Sig Exp Ratio
 188 100
 94 11.7
 80 12.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.10 min Scan# 1305
 Delta R.T. 0.08 min
 Lab File: BF079247.D
 Acq: 14 May 2015 22:39

Tgt Ion: 240 Resp: 186116
 Ion Ratio Lower Upper
 240 100
 120 16.5 8.6 12.8#
 236 25.9 21.0 31.6





#77

Pvrene

Concen: 68.50 ng

RT: 14.61 min Scan# 1174

Delta R.T. 0.10 min

Lab File: BF079247.D

Acq: 14 May 2015 22:39

Instrument :

BNA_F

ClientSampleId :

SB-38D

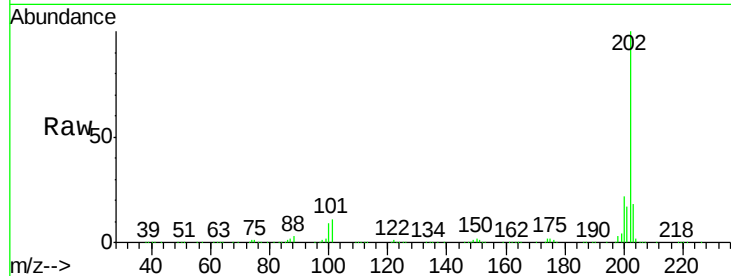
Tot Ion:202 Resp: 734656

Ion Ratio Lower Upper

202 100

200 21.7 17.5 26.3

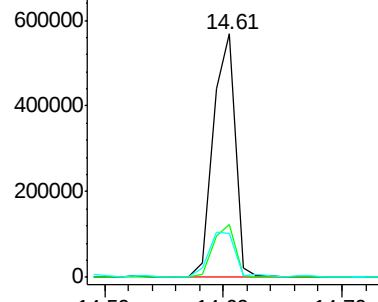
203 17.8 14.7 22.1



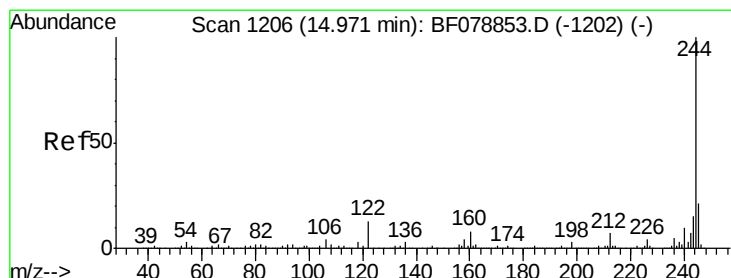
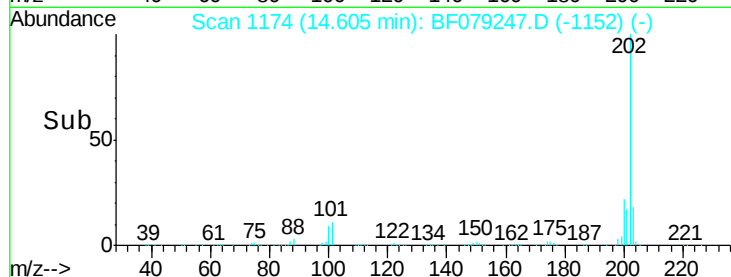
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 14.50 14.60 14.70



#78

Terphenyl-d14

Concen: 23.61 ng

RT: 14.81 min Scan# 1192

Delta R.T. 0.09 min

Lab File: BF079247.D

Acq: 14 May 2015 22:39

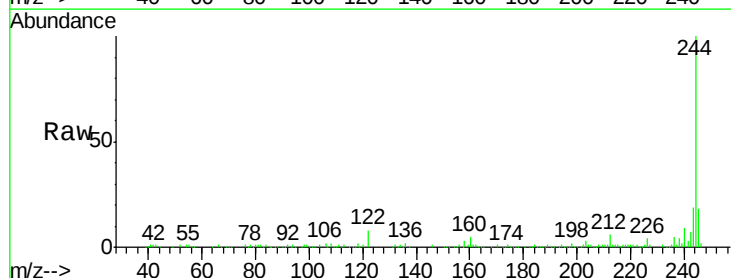
Tgt Ion:244 Resp: 183503

Ion Ratio Lower Upper

244 100

212 5.9 5.6 8.4

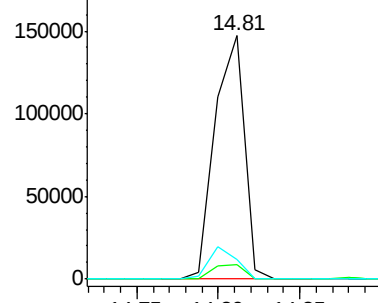
122 7.8 10.5 15.7#



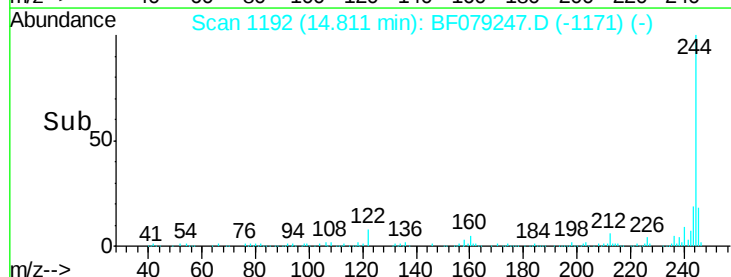
Abundance Ion 244.00 (243.70 to 244.70): E

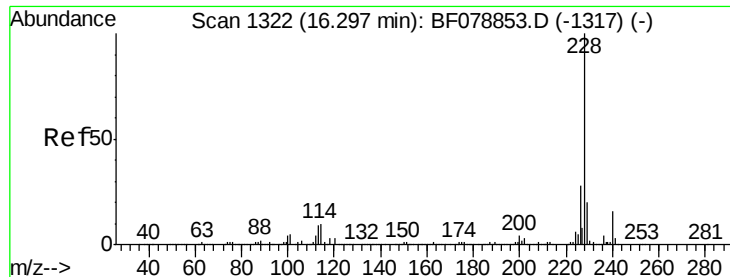
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 14.75 14.80 14.85





#80

Benzo(a)anthracene

Concen: 36.15 ng

RT: 16.09 min Scan# 1304

Delta R.T. 0.08 min

Lab File: BF079247.D

Acq: 14 May 2015 22:39

Instrument :

BNA_F

ClientSampleId :

SB-38D

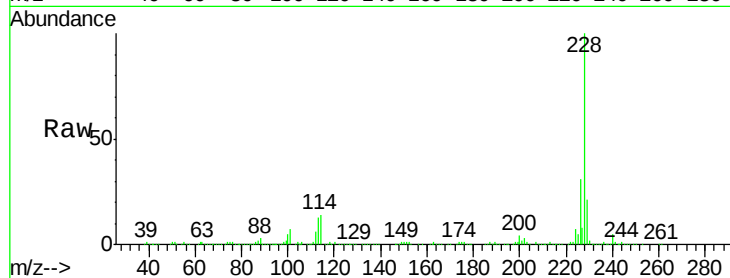
Tot Ion:228 Resp: 368423

Ion Ratio Lower Upper

228 100

226 31.0 22.3 33.5

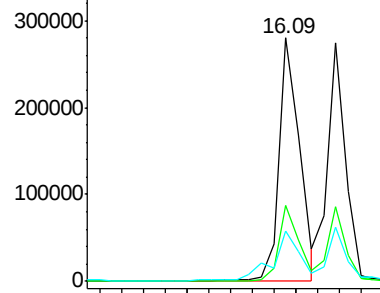
229 20.8 16.1 24.1



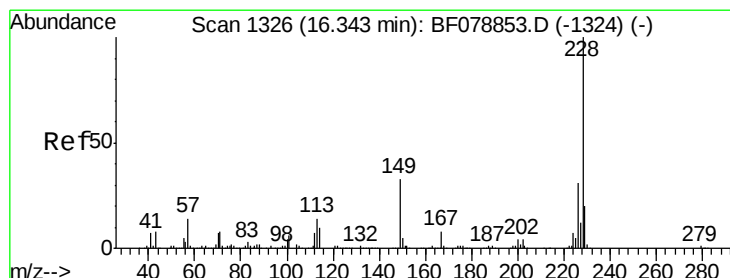
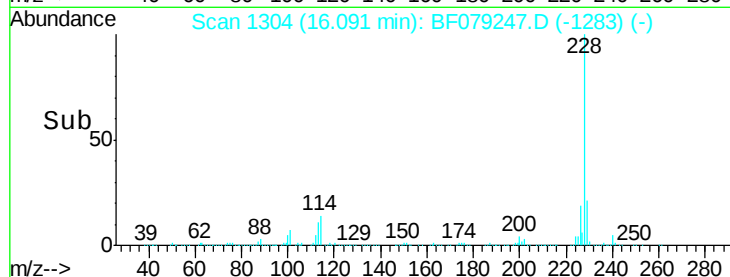
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

Chrysene

Concen: 32.08 ng

RT: 16.14 min Scan# 1308

Delta R.T. 0.08 min

Lab File: BF079247.D

Acq: 14 May 2015 22:39

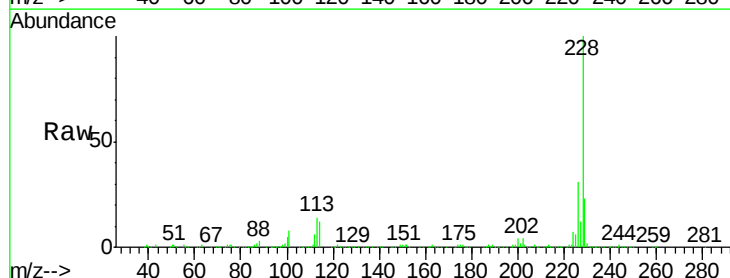
Tgt Ion:228 Resp: 314493

Ion Ratio Lower Upper

228 100

226 31.1 24.8 37.2

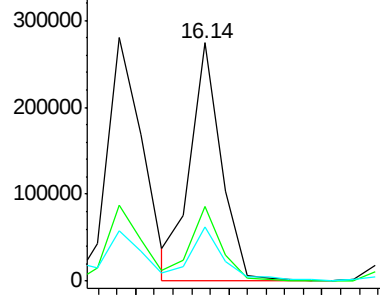
229 22.6 16.1 24.1



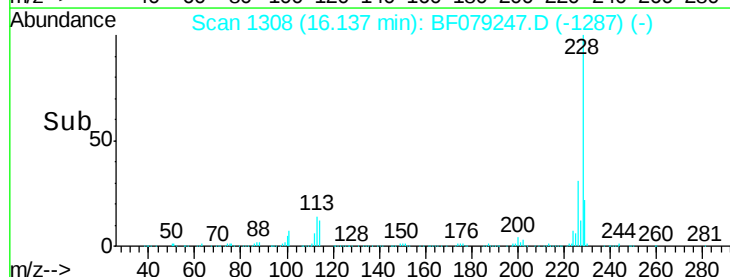
Abundance Ion 228.00 (227.70 to 228.70): E

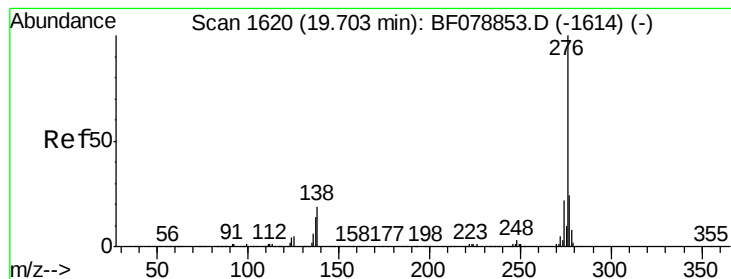
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->





#85

Indeno(1,2,3-cd)pyrene

Concen: 19.11 ng

RT: 19.29 min Scan# 1584

Delta R.T. 0.08 min

Lab File: BF079247.D

Acq: 14 May 2015 22:39

Instrument :

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ClientSampleId :

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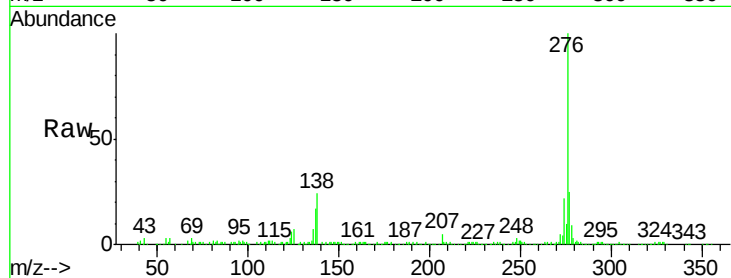
Tot Ion:276 Resp: 238649

Ion Ratio Lower Upper

276 100

138 23.8 21.1 31.7

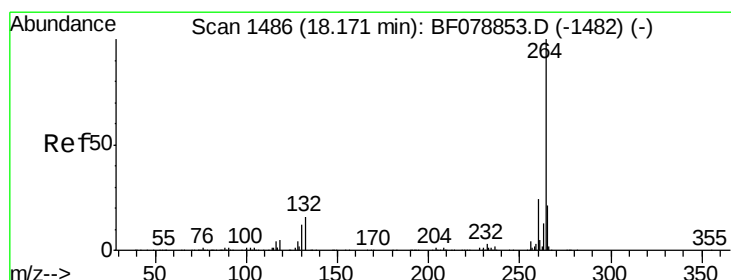
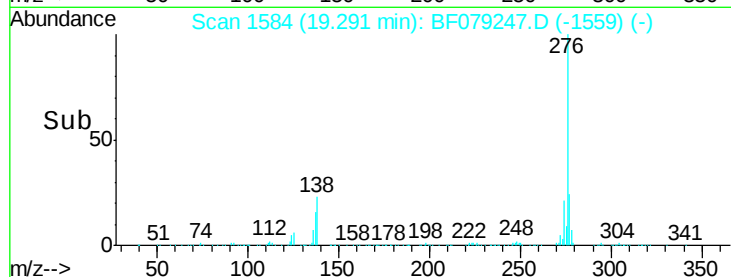
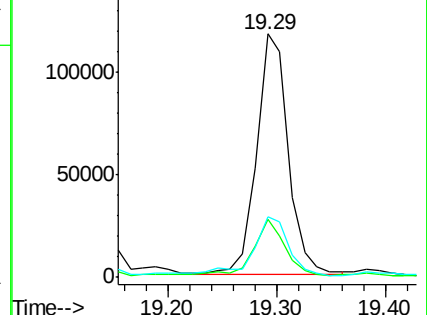
277 28.2 19.9 29.9



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

Perylene-d12

Concen: 20.00 ng

RT: 17.86 min Scan# 1459

Delta R.T. 0.05 min

Lab File: BF079247.D

Acq: 14 May 2015 22:39

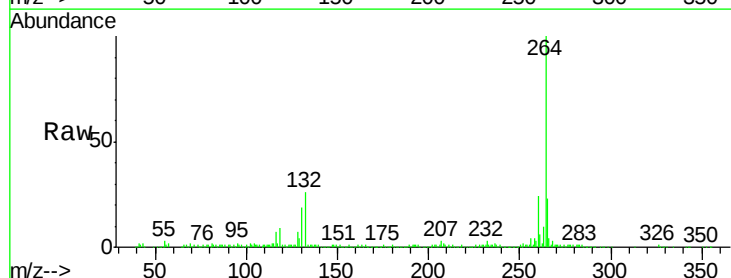
Tgt Ion:264 Resp: 210099

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

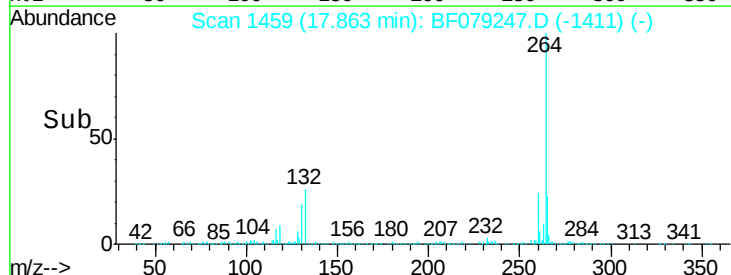
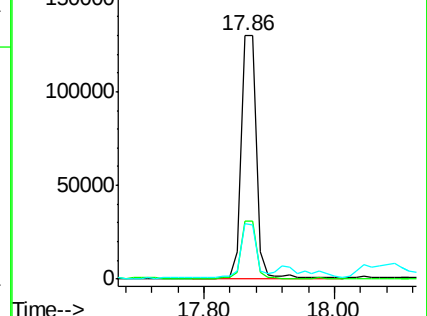
265 22.9 17.2 25.8

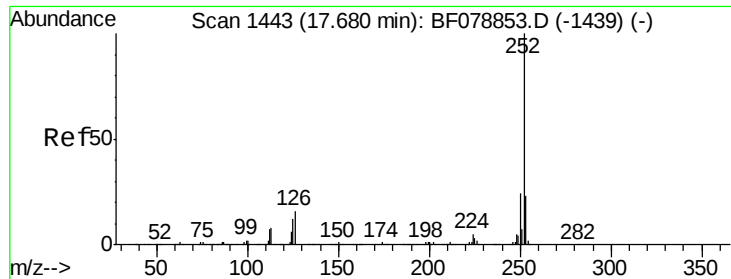


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

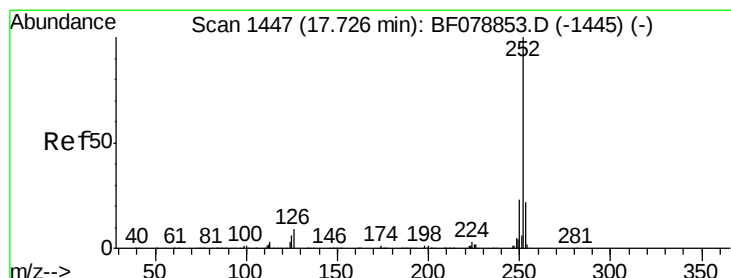
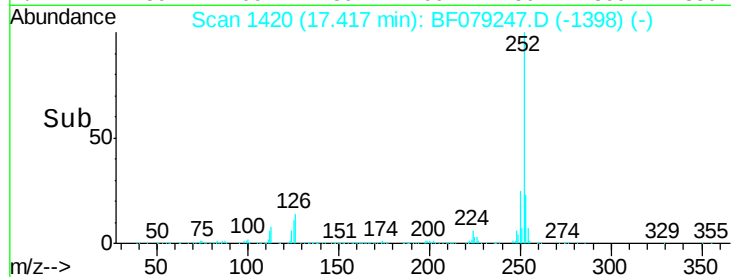
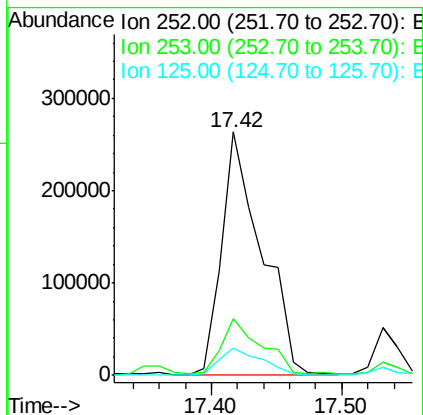
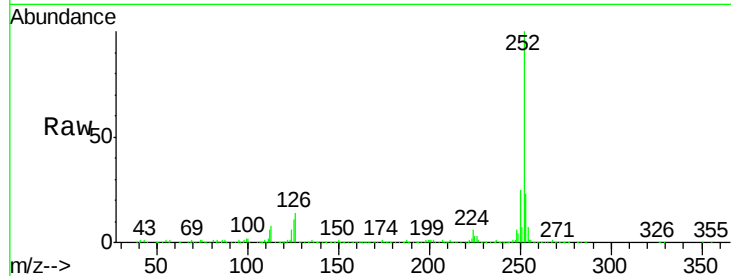




#87
Benzo(b)fluoranthene
Concen: 48.76 ng
RT: 17.42 min Scan# 1420
Delta R.T. 0.07 min
Lab File: BF079247.D
Acq: 14 May 2015 22:39

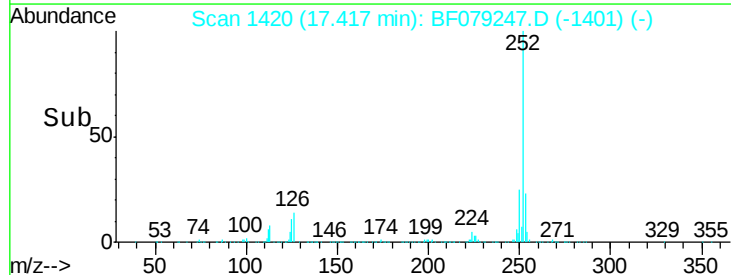
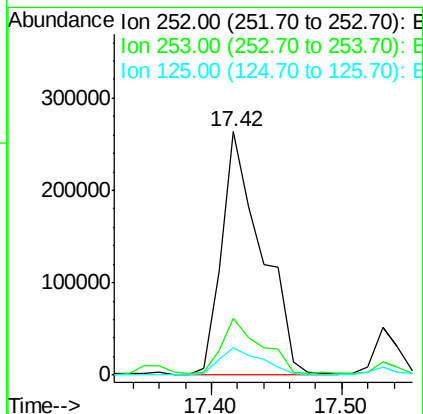
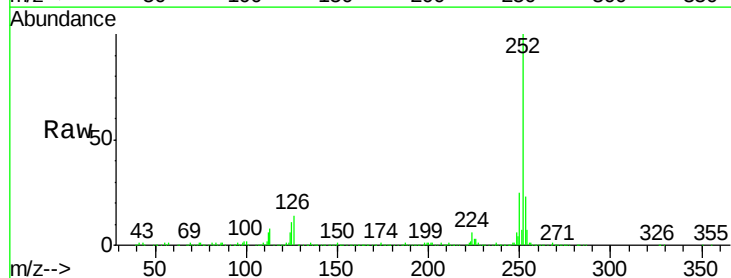
Instrument :
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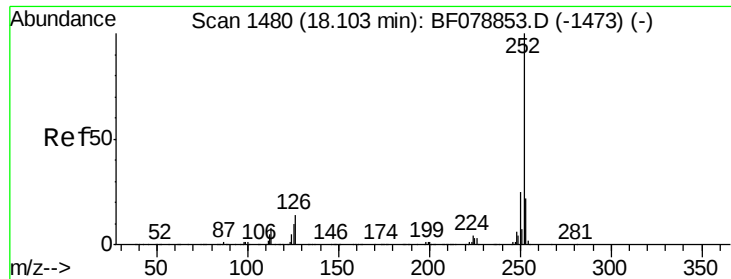
Tot Ion:252 Resp: 560703
Ion Ratio Lower Upper
252 100
253 23.1 18.1 27.1
125 11.4 9.4 14.2



#88
Benzo(k)fluoranthene
Concen: 50.37 ng
RT: 17.42 min Scan# 1420
Delta R.T. 0.03 min
Lab File: BF079247.D
Acq: 14 May 2015 22:39

Tgt Ion:252 Resp: 560703
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.0
125 11.4 6.1 9.1#





#89

Benzo(a)pyrene

Concen: 30.98 ng

RT: 17.81 min Scan# 1454

Delta R.T. 0.06 min

Lab File: BF079247.D

Acq: 14 May 2015 22:39

Instrument :

BNA_F

ClientSampleId :

SB-38D

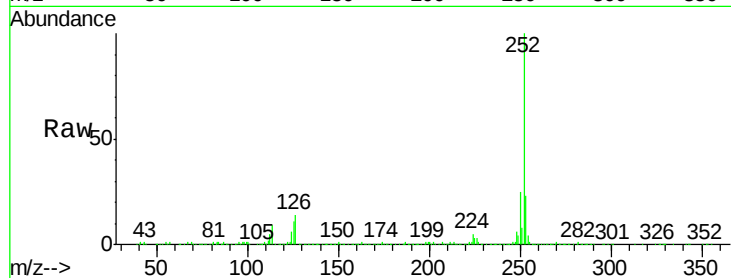
Tot Ion:252 Resp: 327996

Ion Ratio Lower Upper

252 100

253 23.0 18.0 27.0

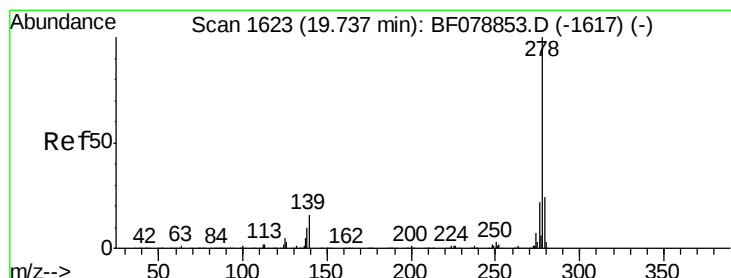
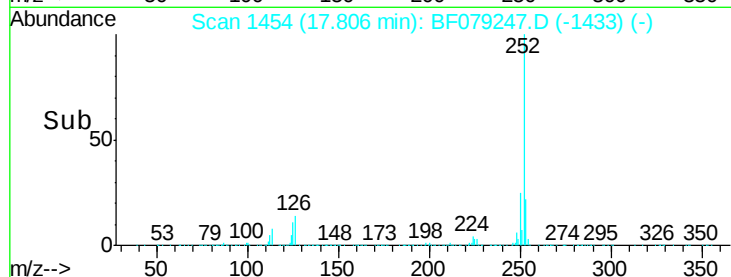
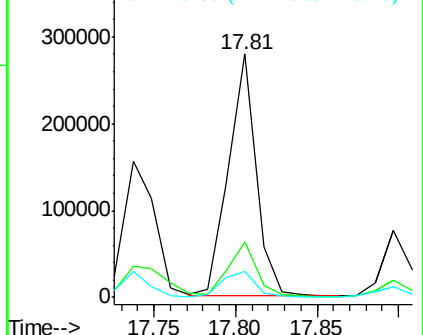
125 10.9 8.2 12.2



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: 5.39 ng

RT: 19.31 min Scan# 1586

Delta R.T. 0.07 min

Lab File: BF079247.D

Acq: 14 May 2015 22:39

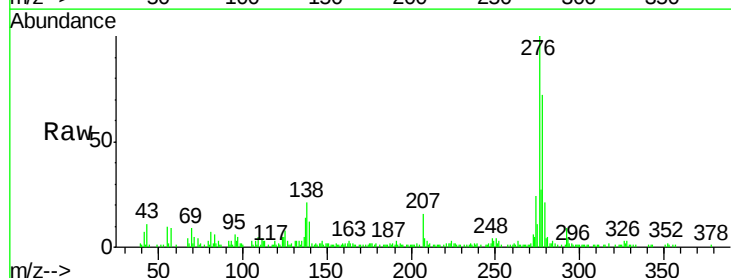
Tgt Ion:278 Resp: 60668

Ion Ratio Lower Upper

278 100

139 16.2 13.1 19.7

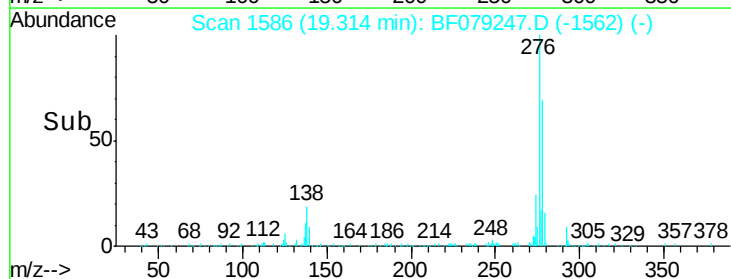
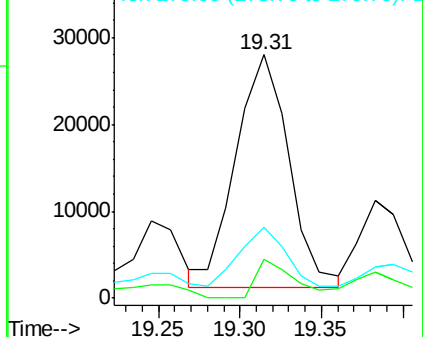
279 28.8 19.1 28.7#

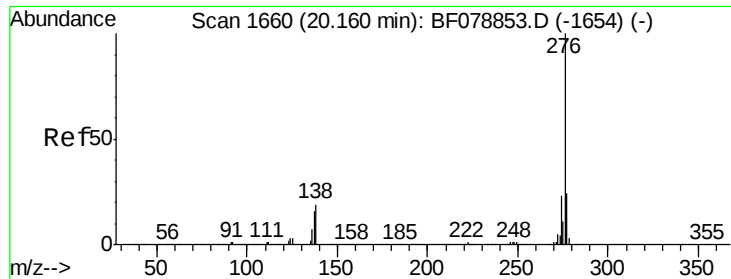


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 19.83 ng
 RT: 19.71 min Scan# 1621
 Delta R.T. 0.09 min
 Lab File: BF079247.D
 Acq: 14 May 2015 22:39

Instrument :
 BNA_F
 ClientSampleId :
 SB-38D

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	24.1	18.8	28.2	
138	25.0	15.2	22.8	

