

Data Path : C:\DOCUMENTS AND SETTINGS\AYUL\DESKTOP\BF051415\
 Data File : BF079250.D
 Acq On : 15 May 2015 00:17
 Operator : TP/IZ
 Sample : G2177-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-19(0-3)

Quant Time: Aug 05 04:09:23 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

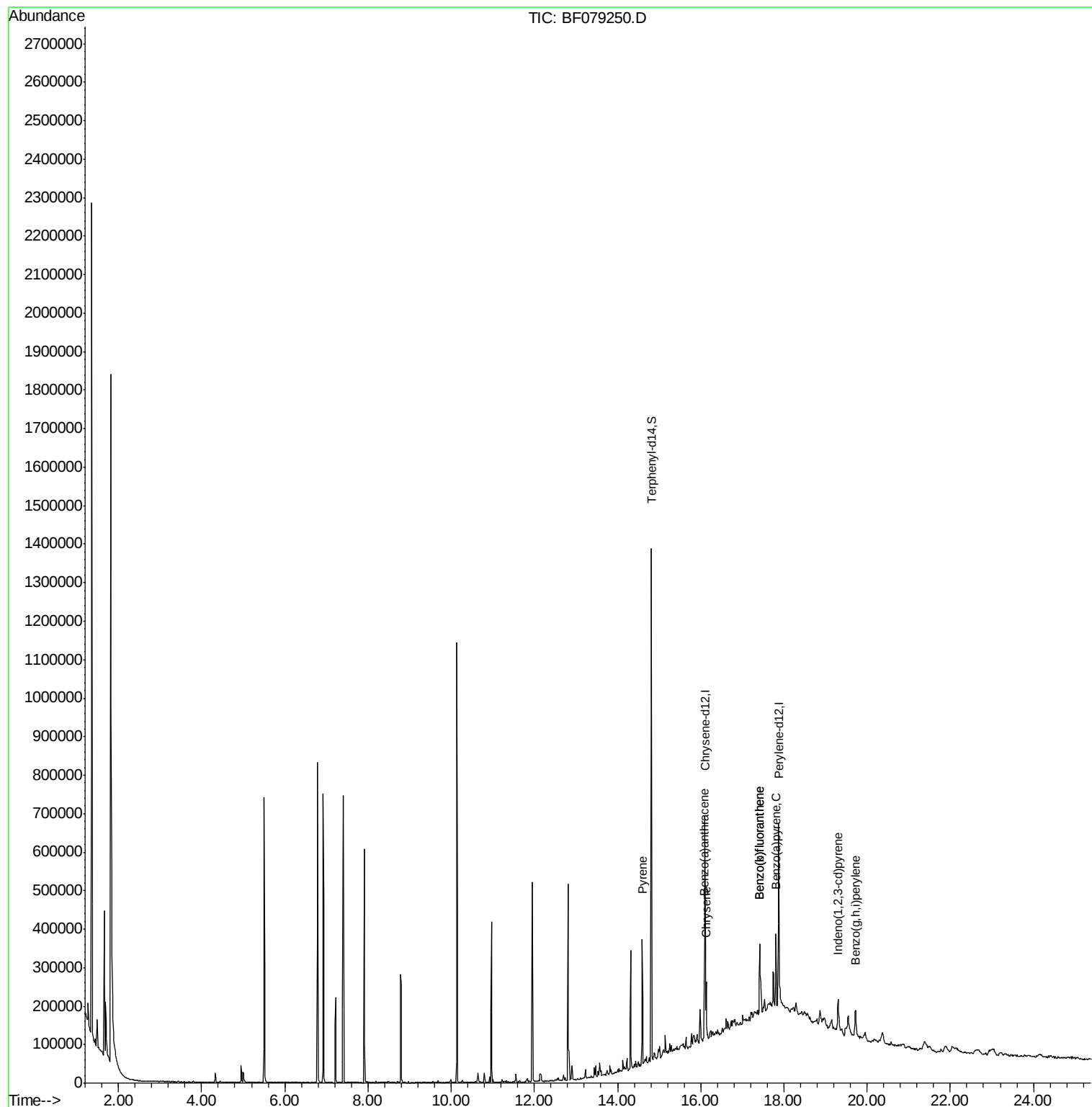
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-7.13
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.71
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-10.88
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-12.72
75) Chrysene-d12	16.10	240	201709	20.00	ng	0.08
86) Perylene-d12	17.87	264	217713	20.00	ng	0.06
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	555816	65.97	ng	0.09
Target Compounds						
77) Pyrene	14.59	202	162573	13.99	ng	Qvalue 98
80) Benzo(a)anthracene	16.09	228	85276	7.72	ng	96
82) Chrysene	16.14	228	63125	5.94	ng	96
85) Indeno(1,2,3-cd)pyrene	19.30	276	58200	4.30	ng	97
87) Benzo(b)fluoranthene	17.42	252	146682	12.31	ng	97
88) Benzo(k)fluoranthene	17.42	252	146682	12.71	ng	# 95
89) Benzo(a)pyrene	17.81	252	85216	7.77	ng	# 96
91) Benzo(g,h,i)perylene	19.73	276	58689	5.02	ng	# 95

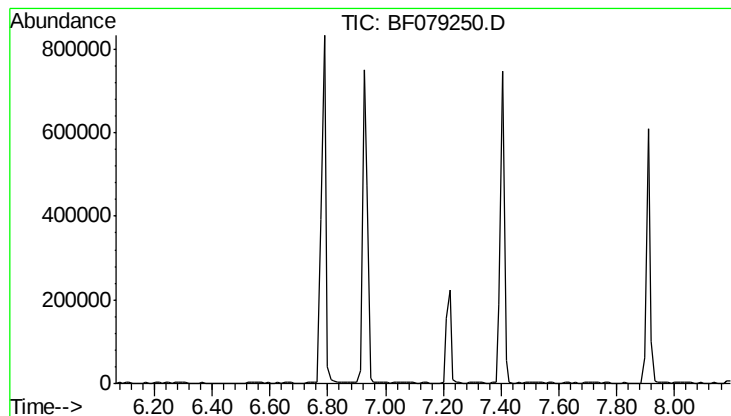
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 7.13 min

Lab File: BF079250.D

Acq: 15 May 2015 00:17

Instrument :

BNA_F

ClientSampleId :

PS-19(0-3)

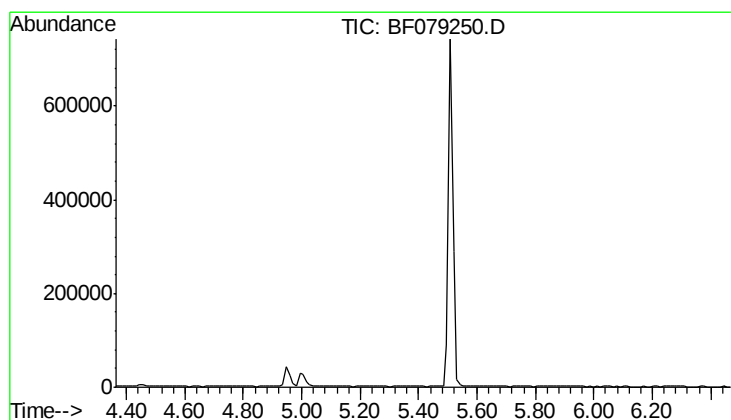
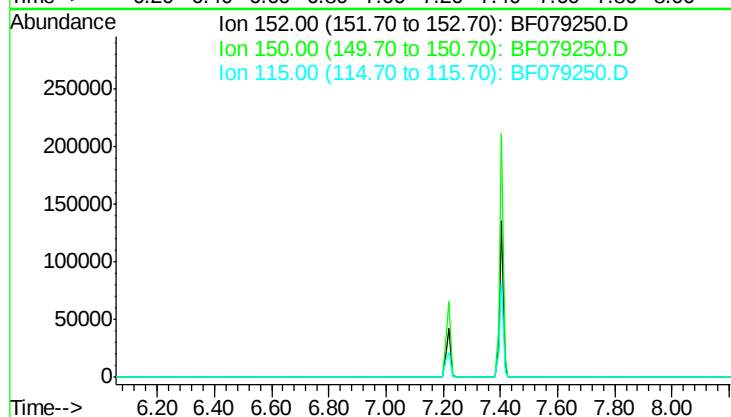
Tot Ion: 152

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: BF079250.D

Acq: 15 May 2015 00:17

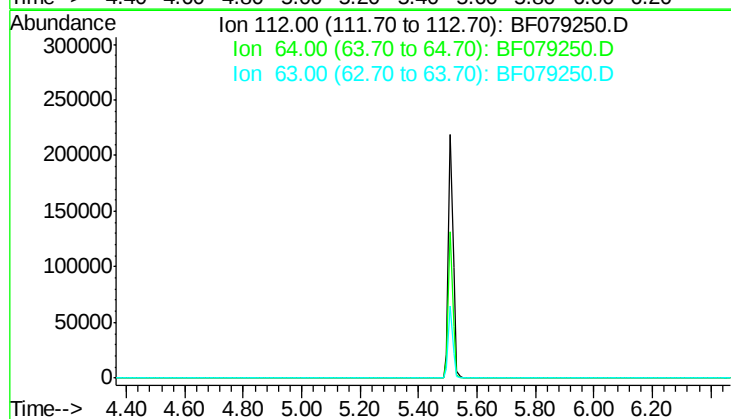
Tgt Ion: 112

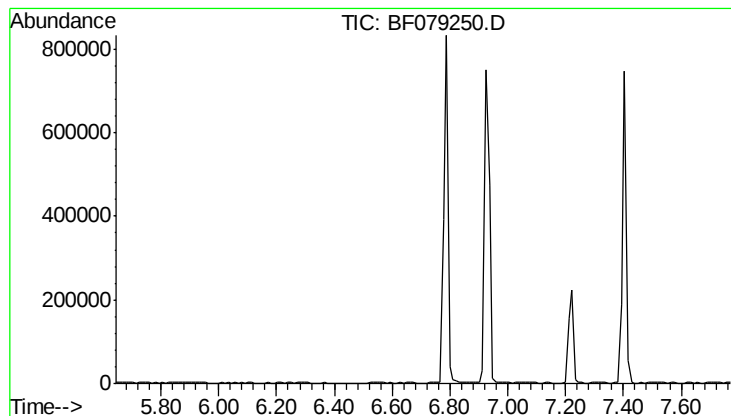
Sig Exp Ratio

112 100

64 55.2

63 28.4





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.71 min

Lab File: BF079250.D

Acq: 15 May 2015 00:17

Instrument :

BNA_F

ClientSampleId :

PS-19(0-3)

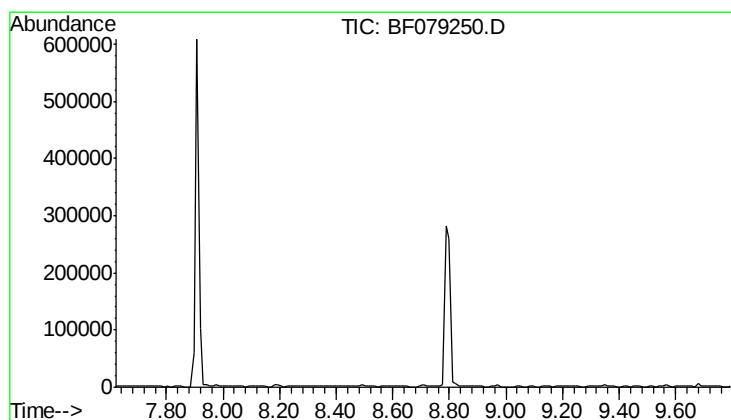
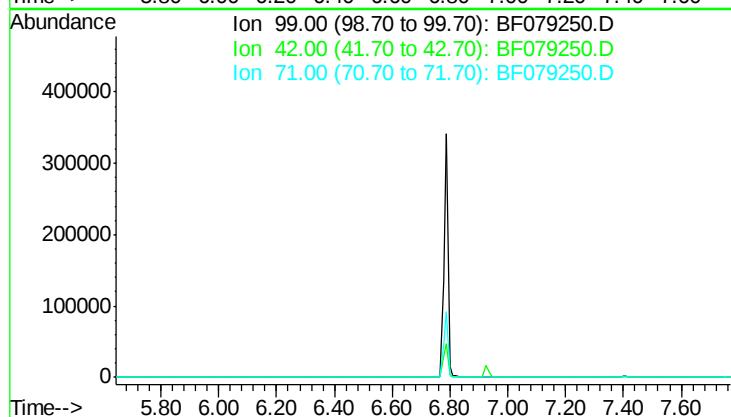
Tot Ion: 99

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: BF079250.D

Acq: 15 May 2015 00:17

Tgt Ion: 136

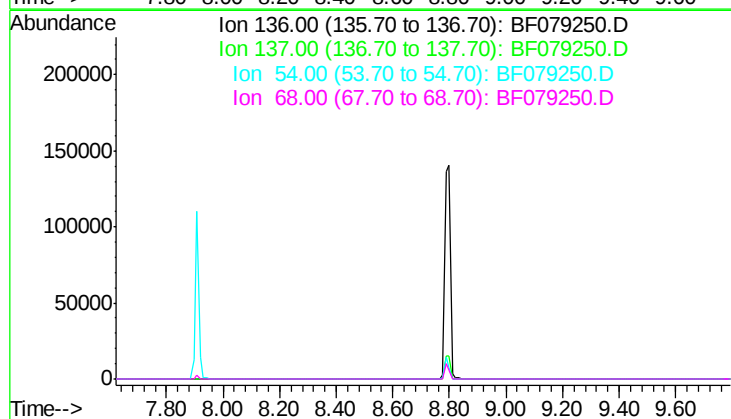
Sig Exp Ratio

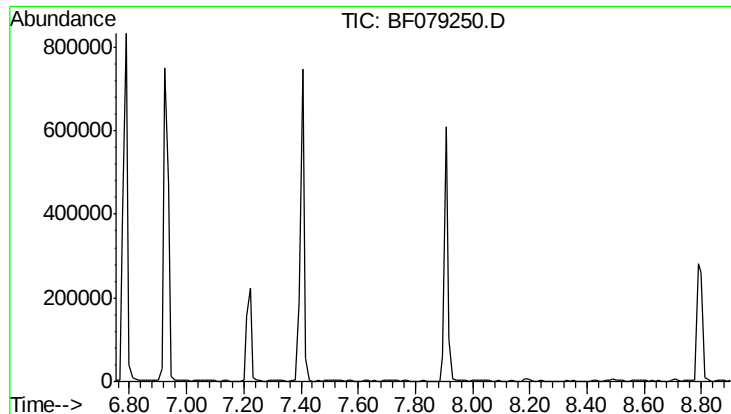
136 100

137 11.0

54 8.6

68 6.1

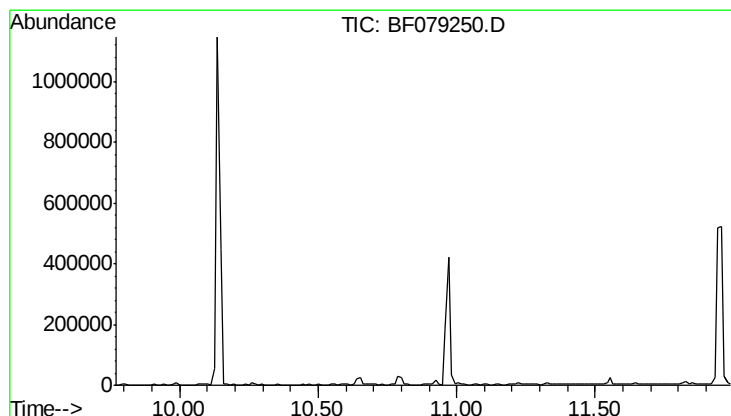
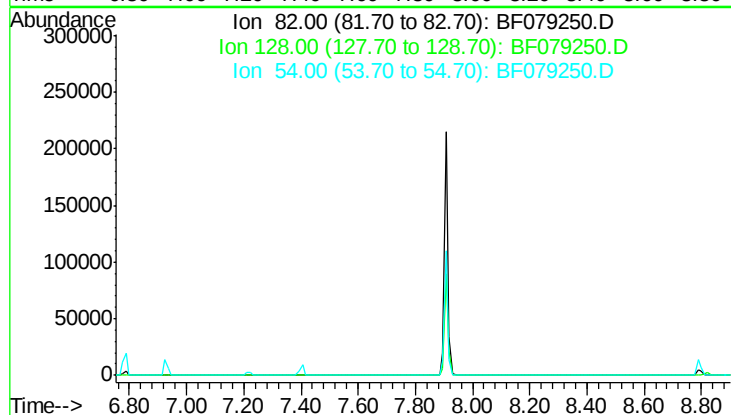




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.83 min
 Lab File: BF079250.D
 Acq: 15 May 2015 00:17

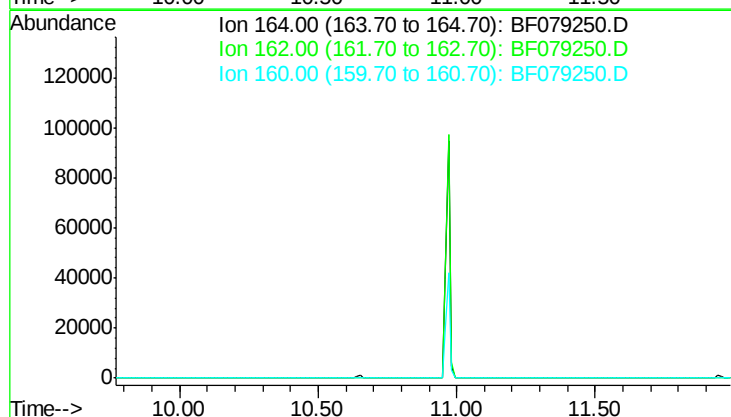
Instrument :
 BNA_F
 ClientSampleId :
 PS-19(0-3)

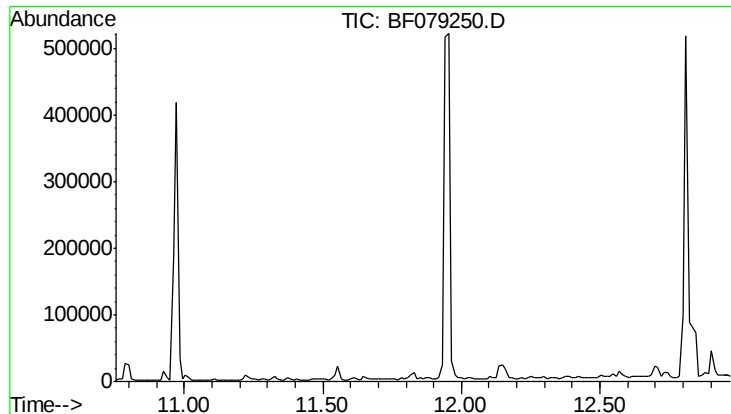
Tot Ion: 82
 Sig Exp Ratio
 82 100
 128 37.1
 54 57.8



#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 10.88 min
 Lab File: BF079250.D
 Acq: 15 May 2015 00:17

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: BF079250.D

Acq: 15 May 2015 00:17

Instrument :

BNA_F

ClientSampleId :

PS-19(0-3)

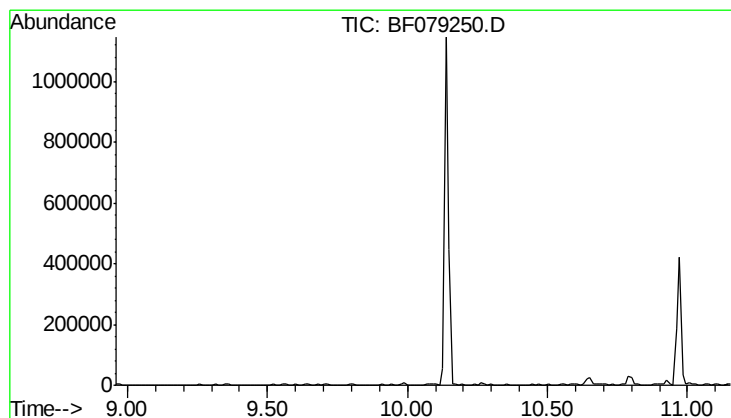
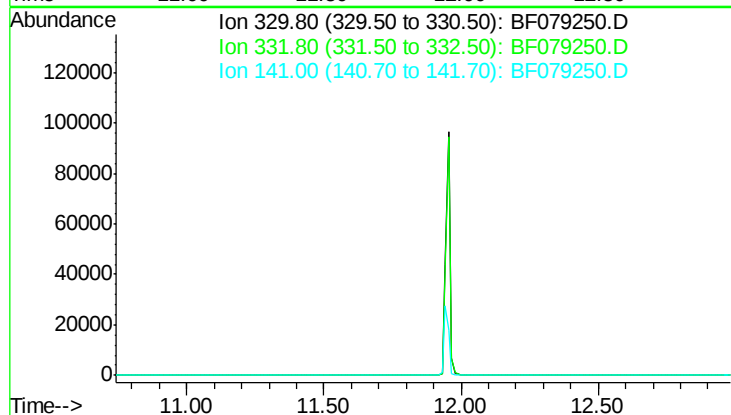
Tot Ion: 330

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: BF079250.D

Acq: 15 May 2015 00:17

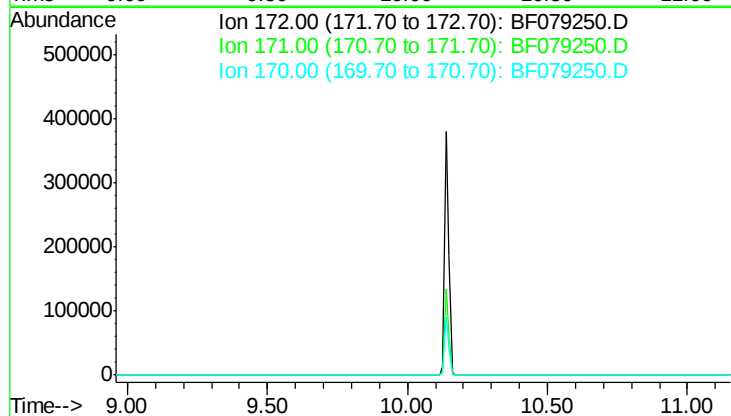
Tgt Ion: 172

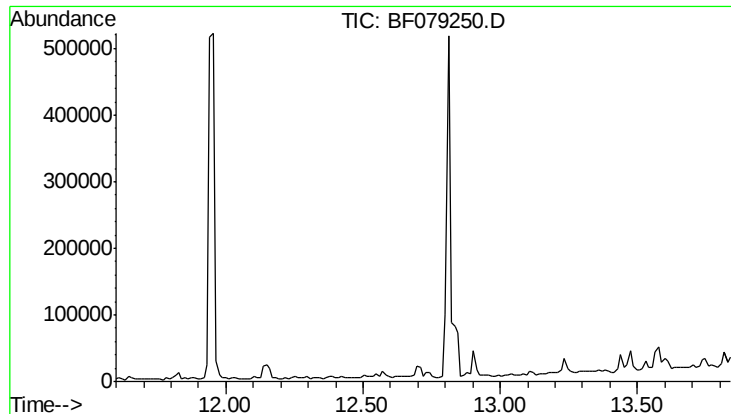
Sig Exp Ratio

172 100

171 35.4

170 24.3

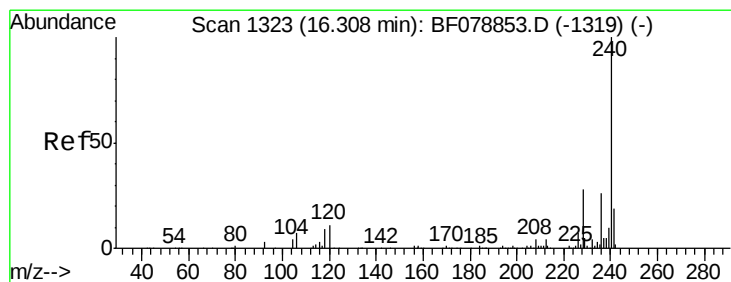
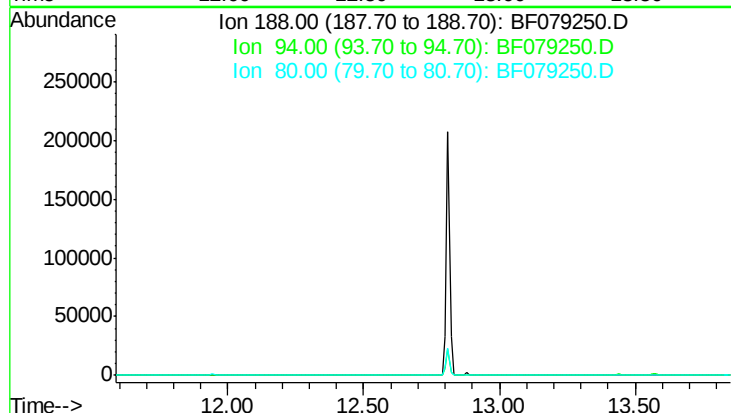




#63
 Phenanthrene-d10
 Concen: 0.00 ng
 Expected RT: 12.72 min
 Lab File: BF079250.D
 Acq: 15 May 2015 00:17

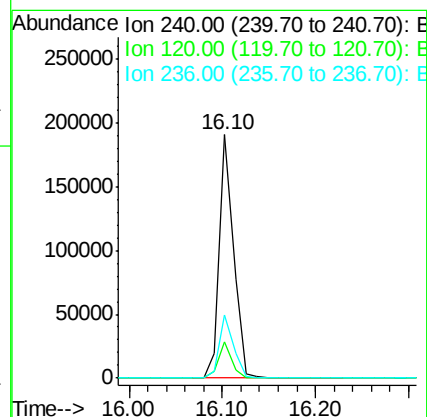
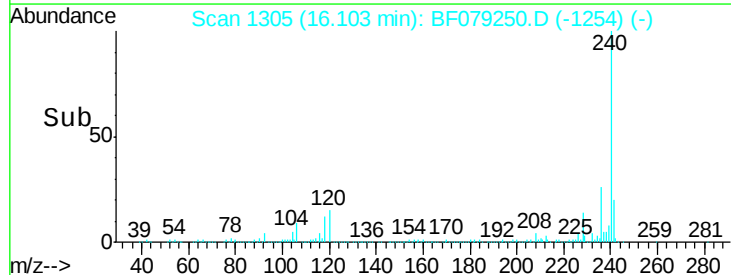
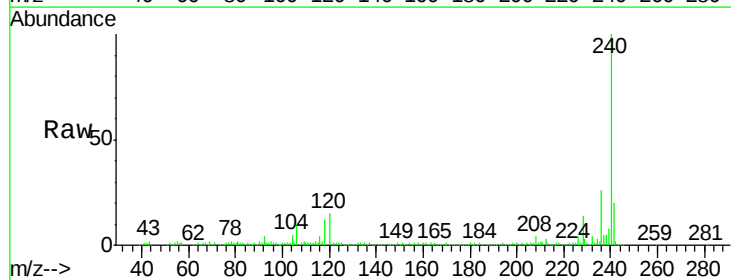
Instrument :
 BNA_F
 ClientSampleId :
 PS-19(0-3)

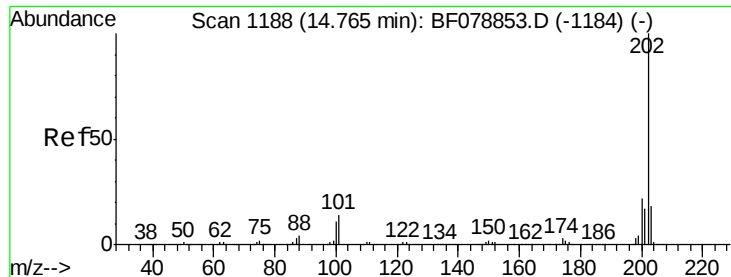
Tot Ion: 188
 Sig Exp Ratio
 188 100
 94 11.7
 80 12.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.10 min Scan# 1305
 Delta R.T. 0.08 min
 Lab File: BF079250.D
 Acq: 15 May 2015 00:17

Tgt Ion: 240 Resp: 201709
 Ion Ratio Lower Upper
 240 100
 120 14.8 8.6 12.8#
 236 25.9 21.0 31.6





#77

Pvrene

Concen: 13.99 ng

RT: 14.59 min Scan# 1173

Delta R.T. 0.09 min

Lab File: BF079250.D

Acq: 15 May 2015 00:17

Instrument :

BNA_F

ClientSampleId :

PS-19(0-3)

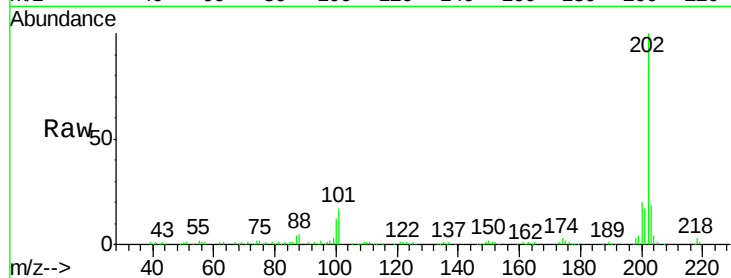
Tot Ion:202 Resp: 162573

Ion Ratio Lower Upper

202 100

200 20.5 17.5 26.3

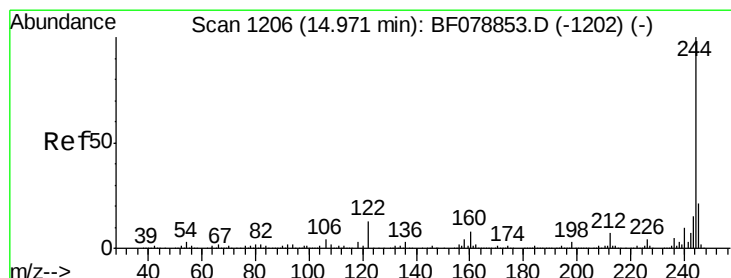
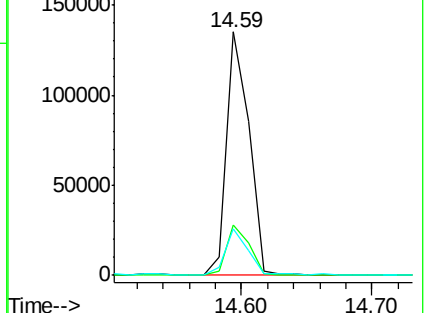
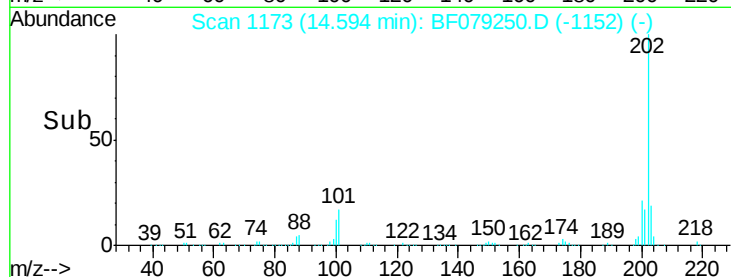
203 18.9 14.7 22.1



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: 65.97 ng

RT: 14.81 min Scan# 1192

Delta R.T. 0.09 min

Lab File: BF079250.D

Acq: 15 May 2015 00:17

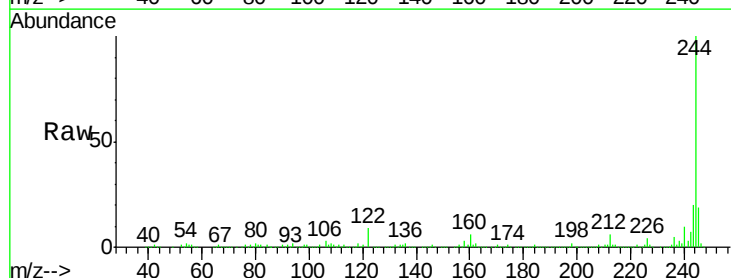
Tgt Ion:244 Resp: 555816

Ion Ratio Lower Upper

244 100

212 6.2 5.6 8.4

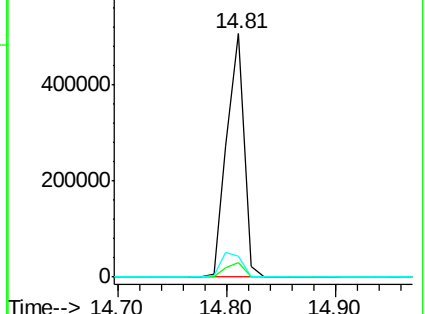
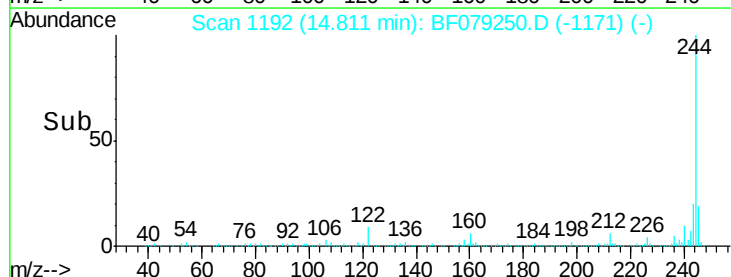
122 8.8 10.5 15.7#

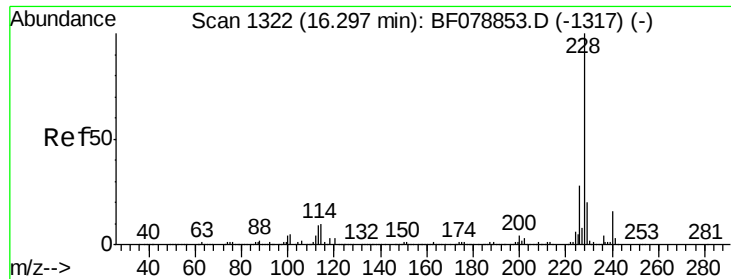


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 7.72 ng

RT: 16.09 min Scan# 1304

Delta R.T. 0.08 min

Lab File: BF079250.D

Acq: 15 May 2015 00:17

Instrument :

BNA_F

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PS-19(0-3)

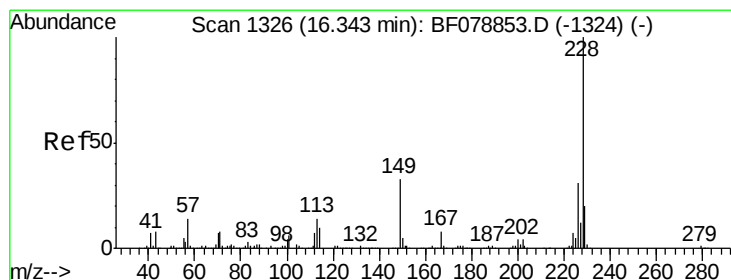
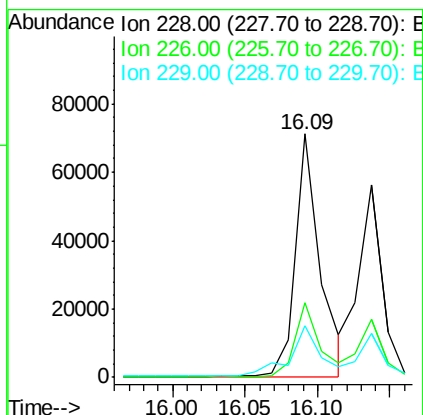
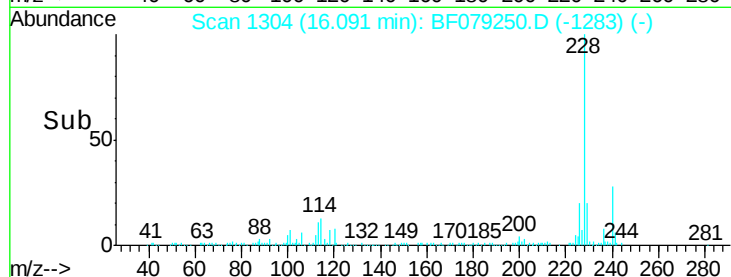
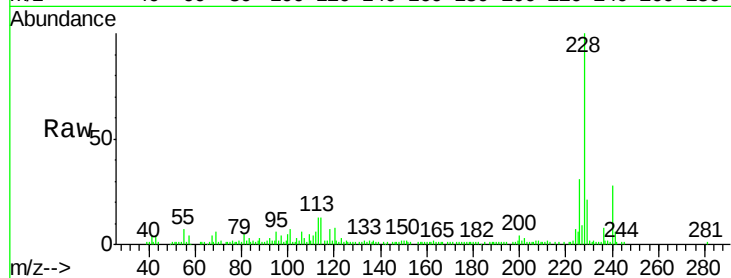
Tot Ion:228 Resp: 85276

Ion Ratio Lower Upper

228 100

226 30.5 22.3 33.5

229 21.0 16.1 24.1



#82

Chrysene

Concen: 5.94 ng

RT: 16.14 min Scan# 1308

Delta R.T. 0.08 min

Lab File: BF079250.D

Acq: 15 May 2015 00:17

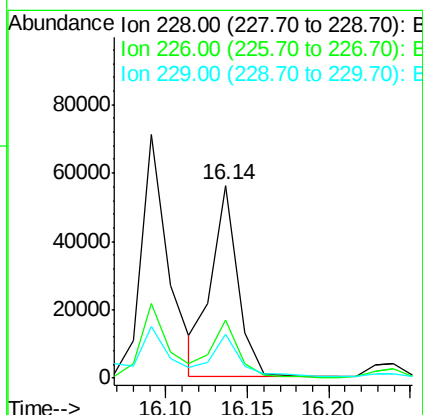
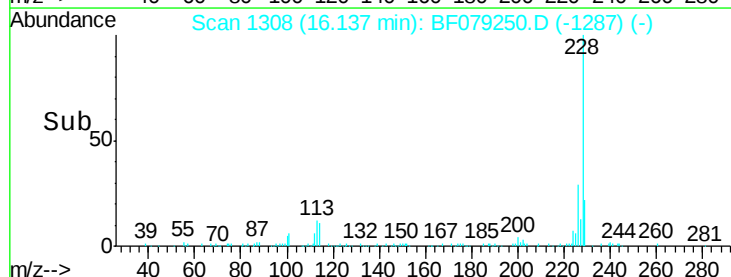
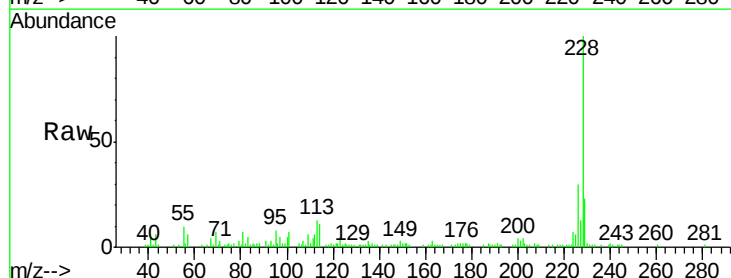
Tgt Ion:228 Resp: 63125

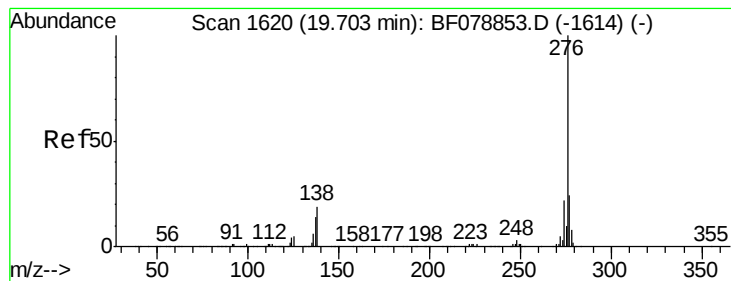
Ion Ratio Lower Upper

228 100

226 29.8 24.8 37.2

229 22.8 16.1 24.1





#85

Indeno(1,2,3-cd)pyrene

Concen: 4.30 ng

RT: 19.30 min Scan# 1585

Delta R.T. 0.09 min

Lab File: BF079250.D

Acq: 15 May 2015 00:17

Instrument :

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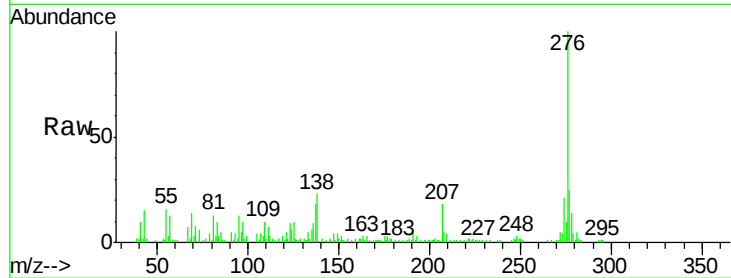
Tot Ion:276 Resp: 58200

Ion Ratio Lower Upper

276 100

138 25.5 21.1 31.7

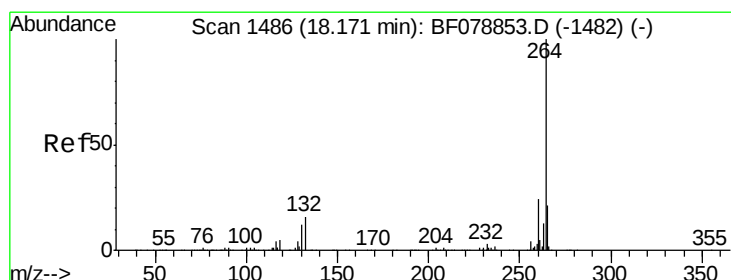
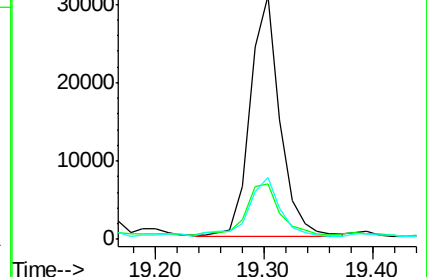
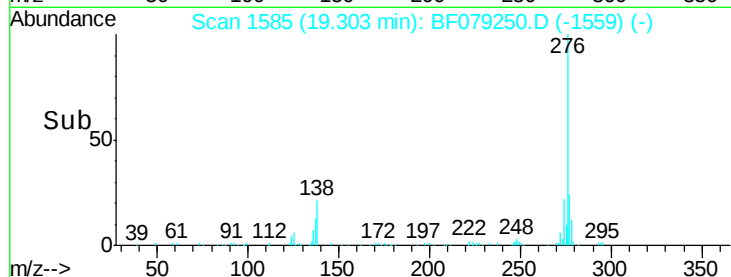
277 26.6 19.9 29.9



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: 17.87 min Scan# 1460

Delta R.T. 0.06 min

Lab File: BF079250.D

Acq: 15 May 2015 00:17

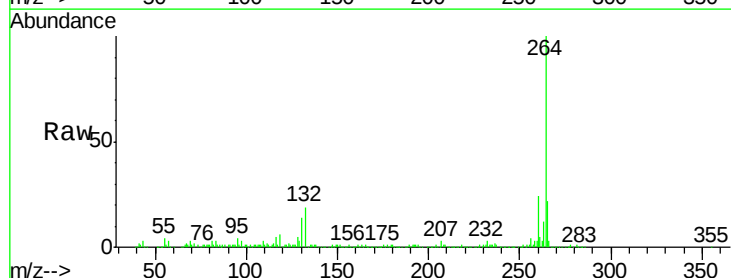
Tgt Ion:264 Resp: 217713

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

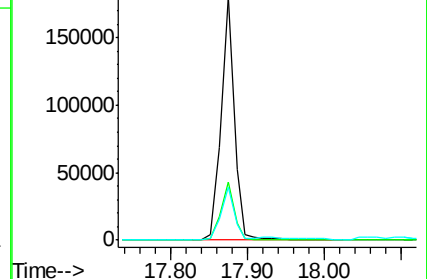
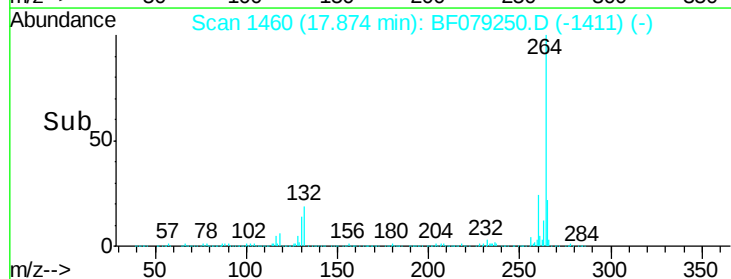
265 21.9 17.2 25.8

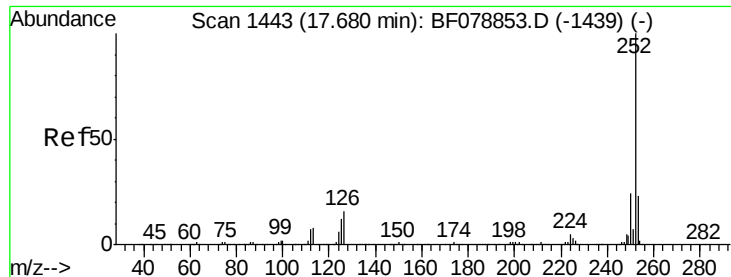


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 12.31 ng

RT: 17.42 min Scan# 1420

Delta R.T. 0.07 min

Lab File: BF079250.D

Acq: 15 May 2015 00:17

Instrument :

BNA_F

ClientSampleId :

PS-19(0-3)

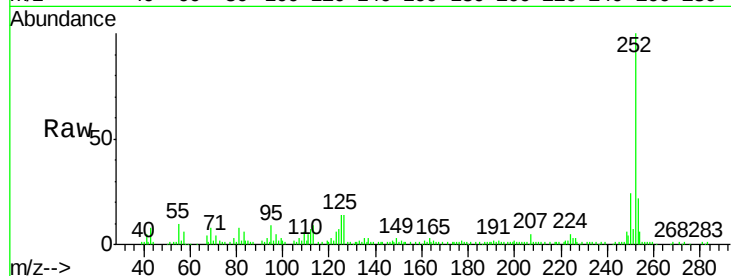
Tot Ion:252 Resp: 146682

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

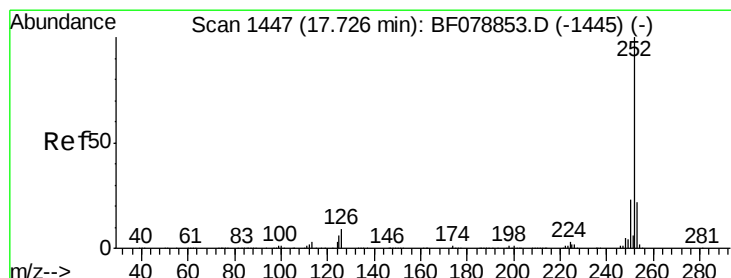
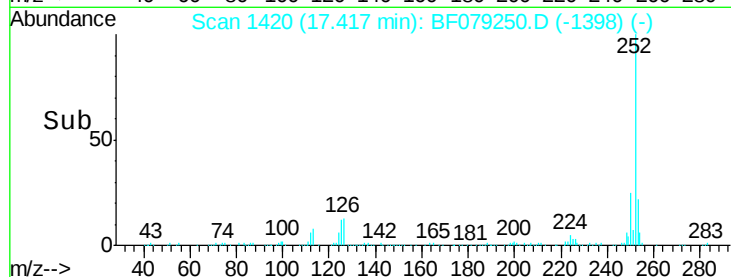
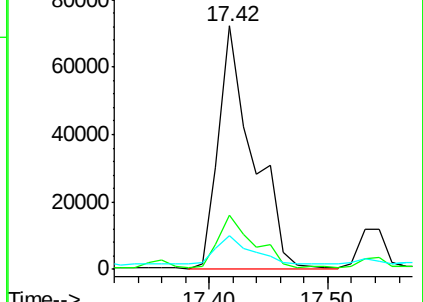
125 14.0 9.4 14.2



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



#88

Benzo(k)fluoranthene

Concen: 12.71 ng

RT: 17.42 min Scan# 1420

Delta R.T. 0.03 min

Lab File: BF079250.D

Acq: 15 May 2015 00:17

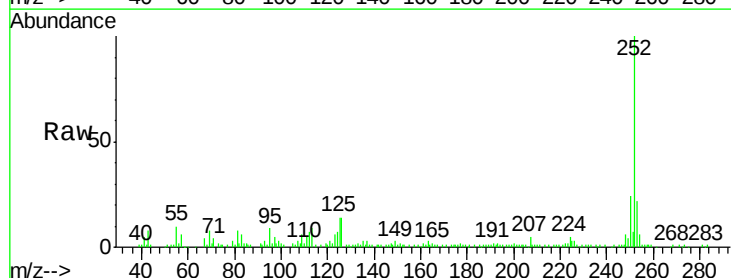
Tgt Ion:252 Resp: 146682

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

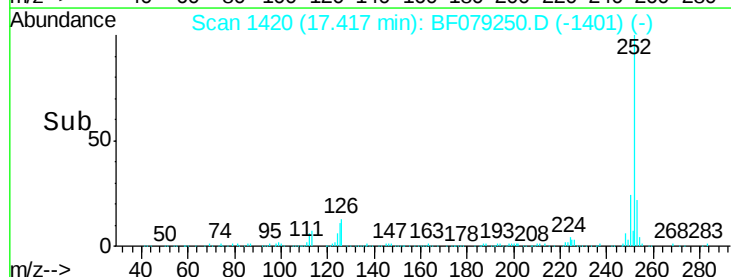
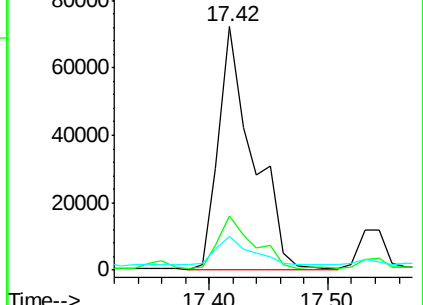
125 14.0 6.1 9.1#

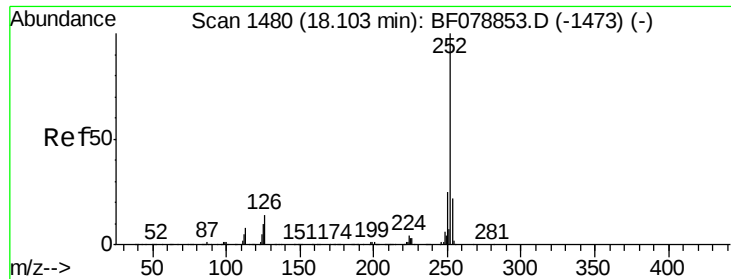


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 7.77 ng

RT: 17.81 min Scan# 1454

Delta R.T. 0.06 min

Lab File: BF079250.D

Acq: 15 May 2015 00:17

Instrument :

BNA_F

ClientSampleId :

PS-19(0-3)

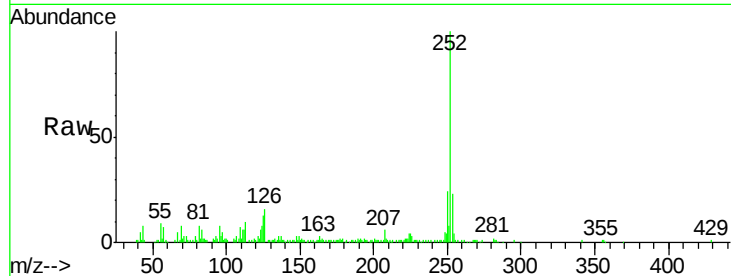
Tot Ion:252 Resp: 85216

Ion Ratio Lower Upper

252 100

253 23.2 18.0 27.0

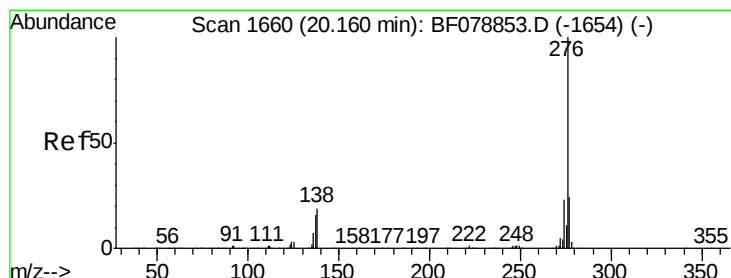
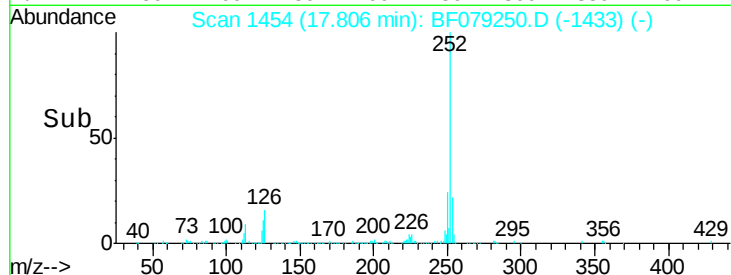
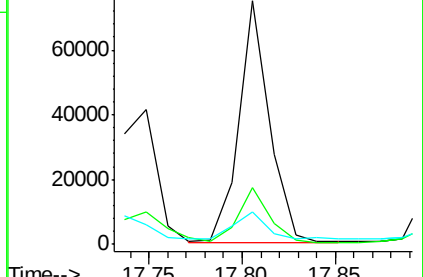
125 13.2 8.2 12.2#



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



#91

Benzo(g,h,i)perylene

Concen: 5.02 ng

RT: 19.73 min Scan# 1622

Delta R.T. 0.10 min

Lab File: BF079250.D

Acq: 15 May 2015 00:17

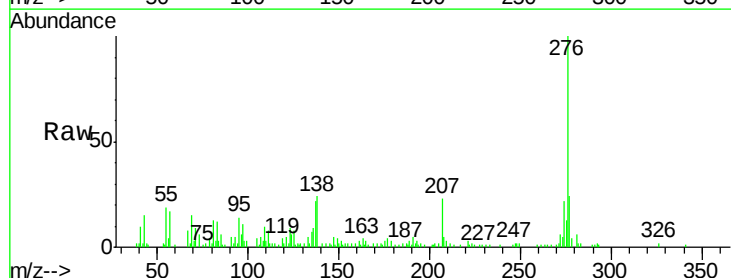
Tgt Ion:276 Resp: 58689

Ion Ratio Lower Upper

276 100

277 24.3 18.8 28.2

138 23.5 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

