

Data Path : Z:\HPCHEM1\BNA_F\Data\BF041415\
 Data File : BF078504.D
 Acq On : 14 Apr 2015 16:51
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 15 01:02:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 11:29:31 2015
 Response via : Initial Calibration

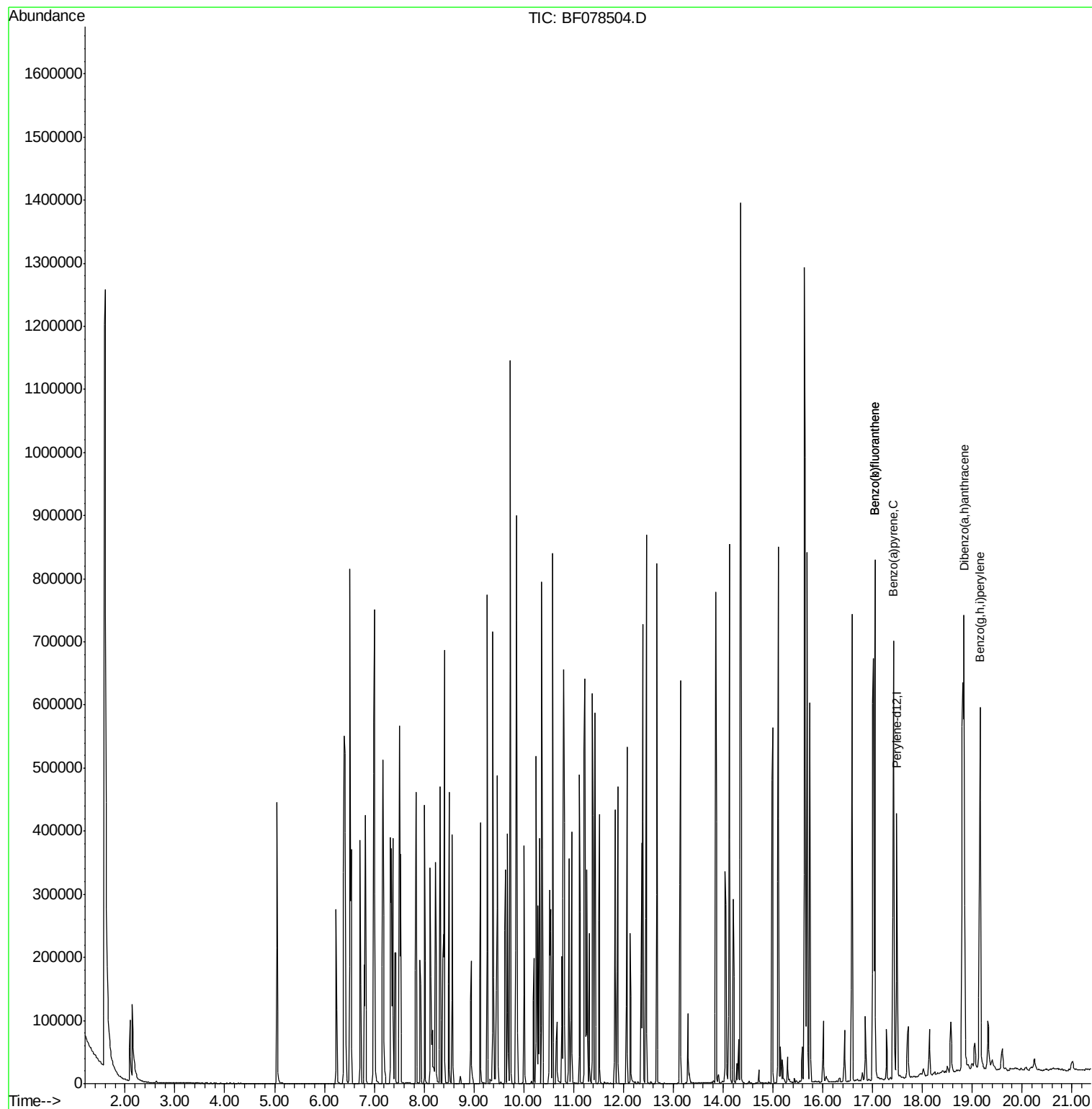
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-6.89
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.46
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-10.64
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-12.46
75) Chrysene-d12	0.00	240	0	0.00	ng	-15.75
86) Perylene-d12	17.49	264	197766	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	0.00	244	0	0.00	ng	
Target Compounds						
87) Benzo(b)fluoranthene	17.05	252	415037	33.96	ng	Qvalue 99
88) Benzo(k)fluoranthene	17.05	252	414719	38.18	ng	# 95
89) Benzo(a)pyrene	17.42	252	416642	39.06	ng	# 95
90) Dibenzo(a,h)anthracene	18.83	278	414557	38.82	ng	99
91) Benzo(g,h,i)perylene	19.15	276	413476	38.62	ng	98

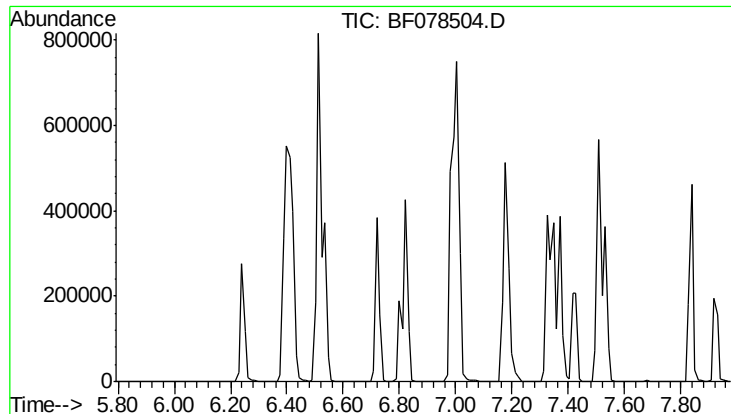
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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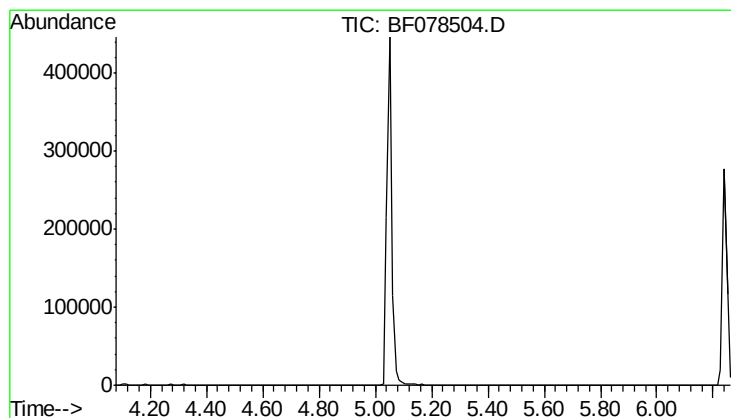
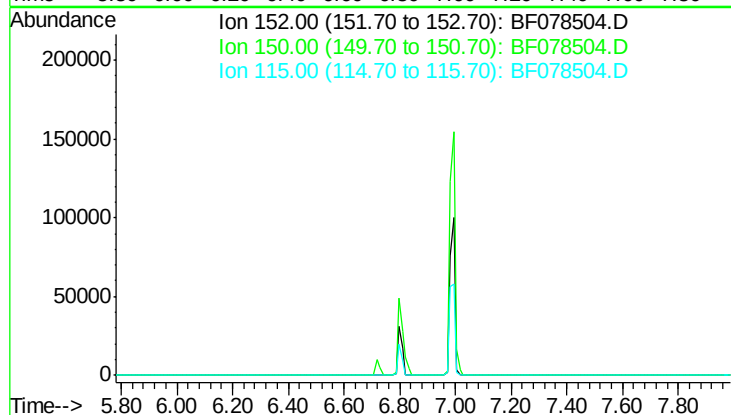




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.00 ng
 Expected RT: 6.89 min
 Lab File: BF078504.D
 Acq: 14 Apr 2015 16:51

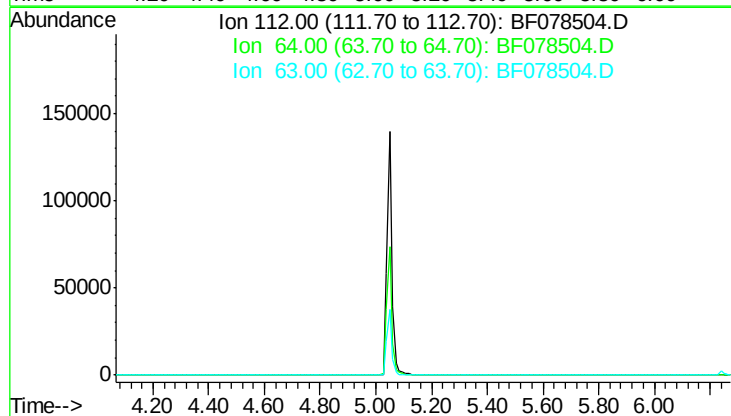
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

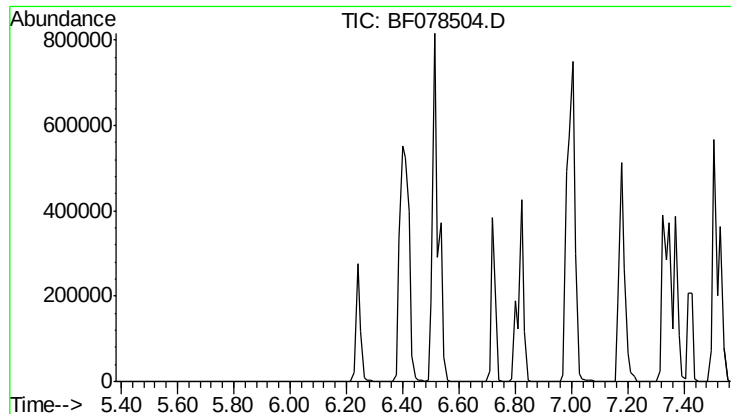
Tgt Ion	Exp Ratio
152	100
150	157.4
115	65.9



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.17 min
 Lab File: BF078504.D
 Acq: 14 Apr 2015 16:51

Tgt Ion	Exp Ratio
112	100
64	49.9
63	25.3





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.48 min

Lab File: BF078504.D

Acq: 14 Apr 2015 16:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

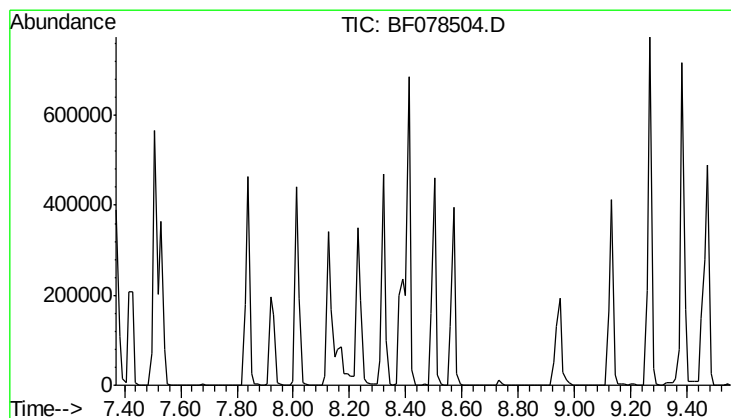
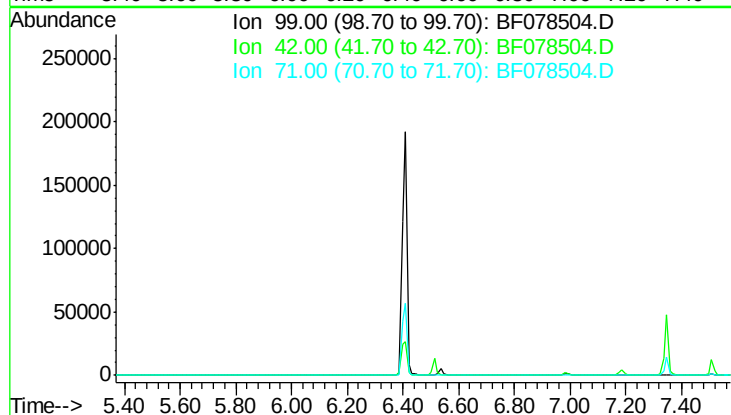
Tgt Ion: 99

Sig Exp Ratio

99 100

42 18.5

71 33.2



#21

Naphthalene-d8

Concen: 0.00 ng

Expected RT: 8.46 min

Lab File: BF078504.D

Acq: 14 Apr 2015 16:51

Tgt Ion: 136

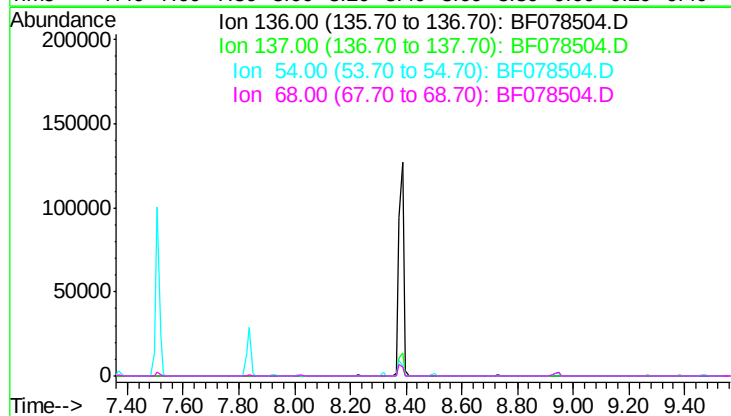
Sig Exp Ratio

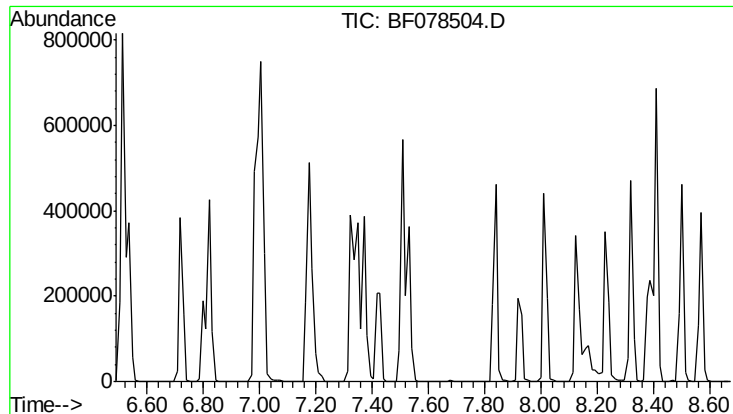
136 100

137 11.2

54 8.8

68 6.8

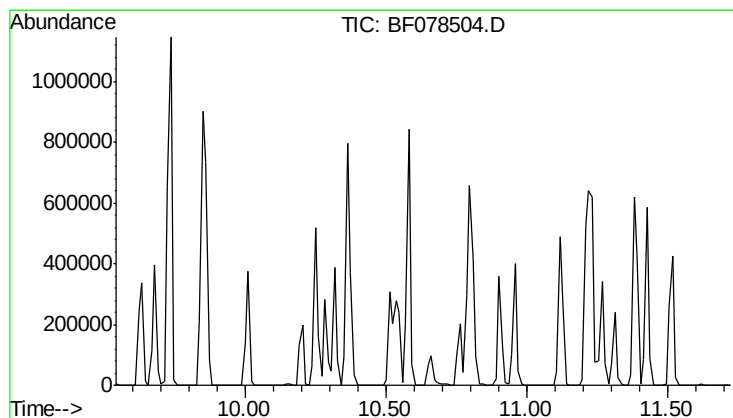
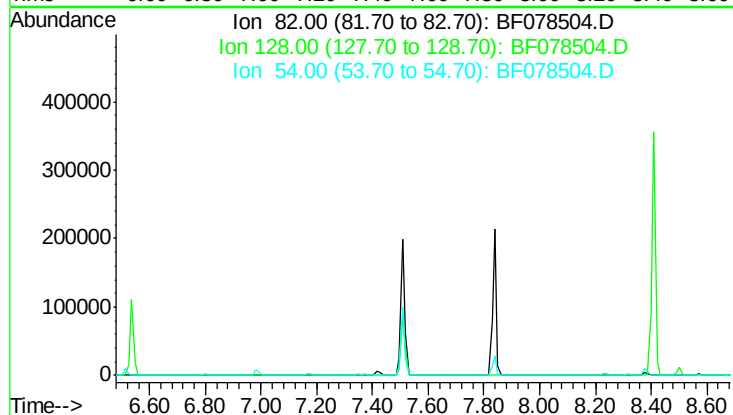




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.58 min
 Lab File: BF078504.D
 Acq: 14 Apr 2015 16:51

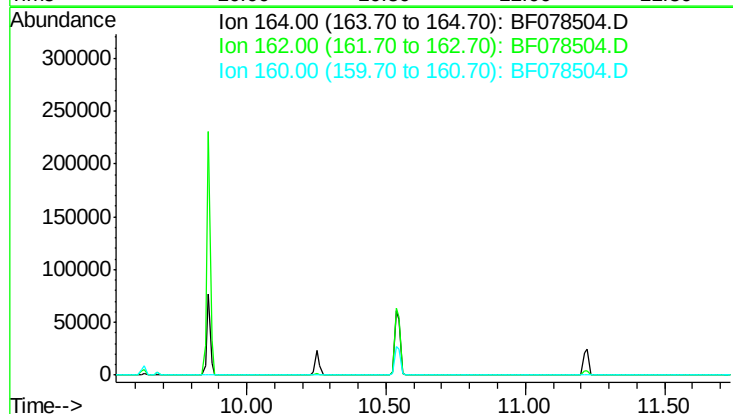
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

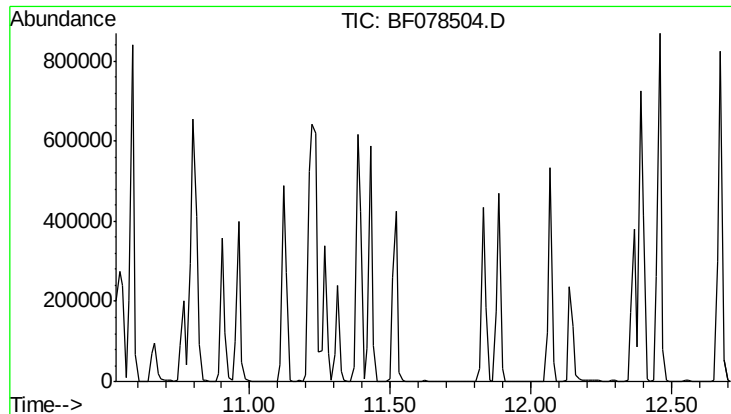
Tgt Ion	Exp Ratio
82	100
128	39.8
54	51.9



#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 10.64 min
 Lab File: BF078504.D
 Acq: 14 Apr 2015 16:51

Tgt Ion	Exp Ratio
164	100
162	102.7
160	43.4

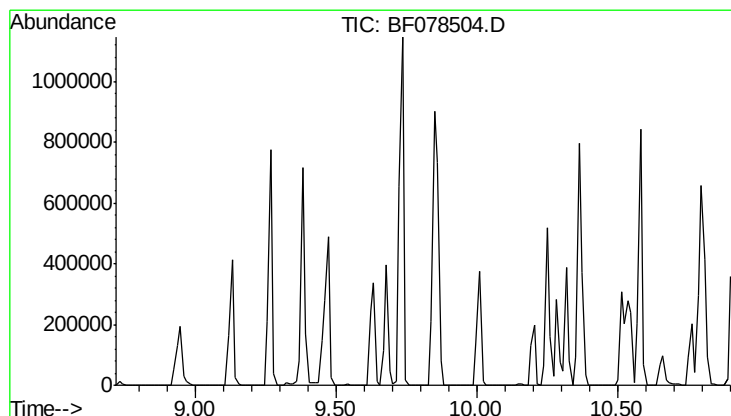
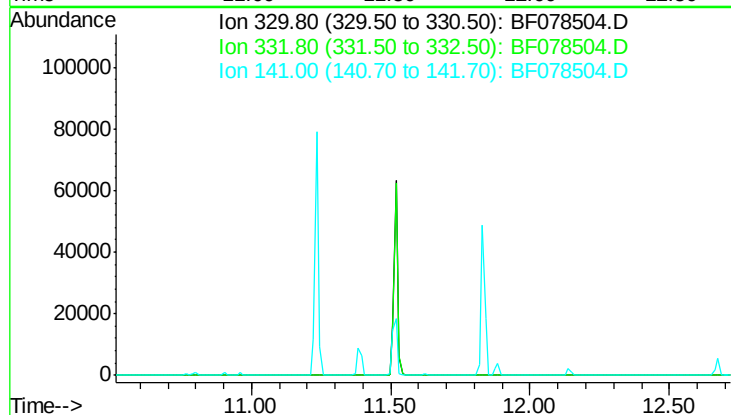




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 11.62 min
 Lab File: BF078504.D
 Acq: 14 Apr 2015 16:51

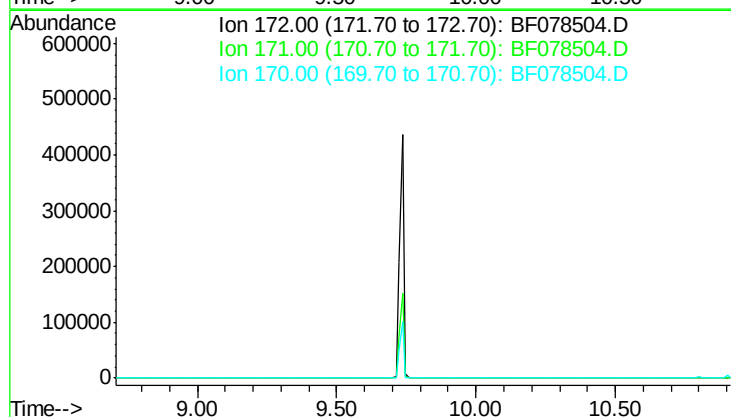
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

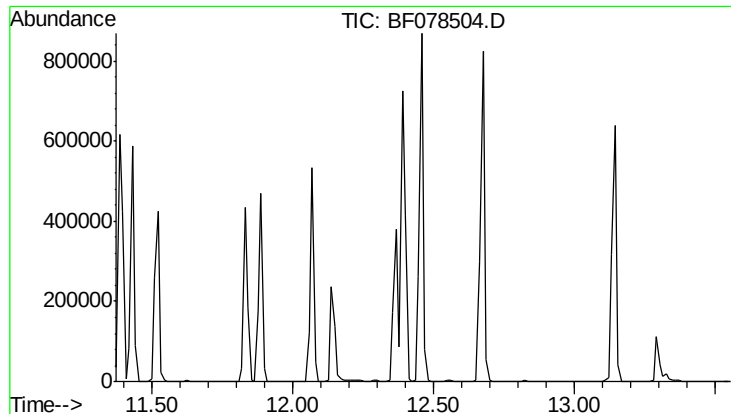
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 98.2
 141 39.0



#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 9.81 min
 Lab File: BF078504.D
 Acq: 14 Apr 2015 16:51

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 35.7
 170 23.1

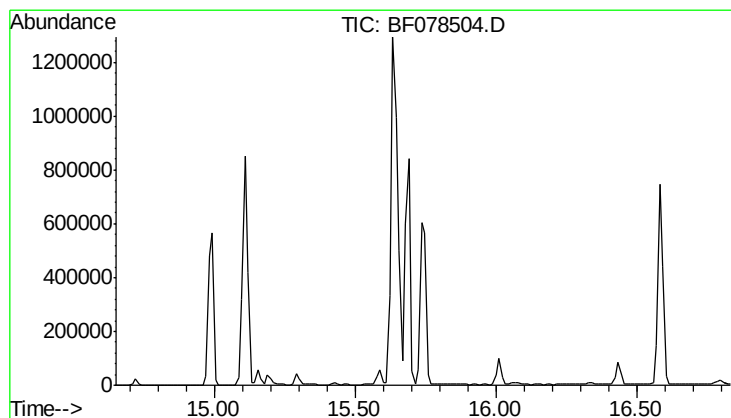
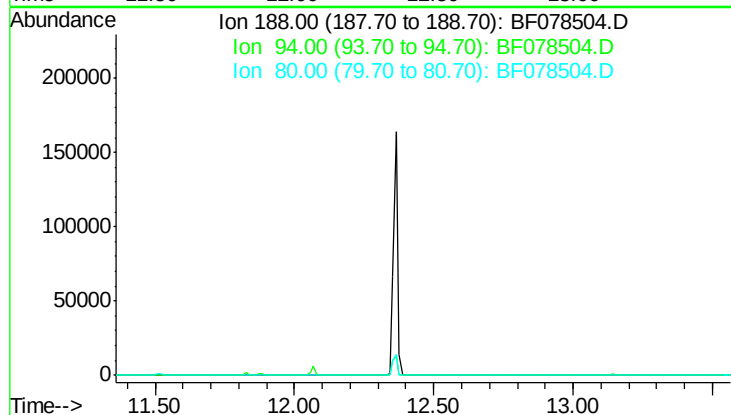




#63
 Phenanthrene-d10
 Concen: 0.00 ng
 Expected RT: 12.46 min
 Lab File: BF078504.D
 Acq: 14 Apr 2015 16:51

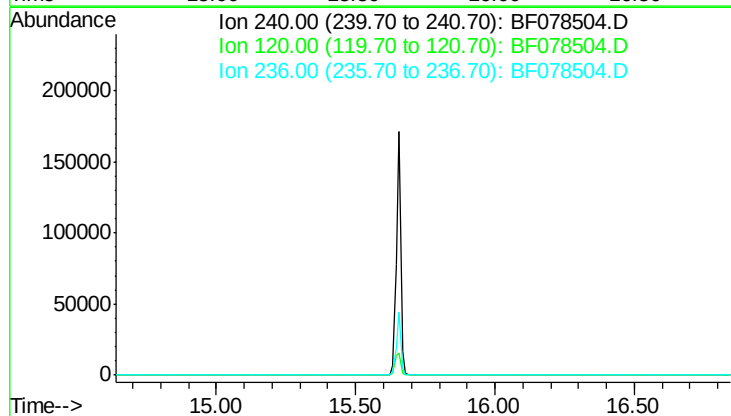
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

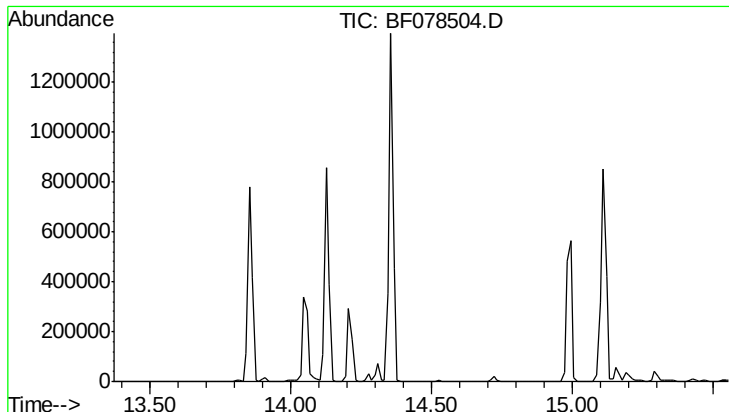
Tgt Ion: 188
 Sig Exp Ratio
 188 100
 94 11.2
 80 11.9



#75
 Chrysene-d12
 Concen: 0.00 ng
 Expected RT: 15.75 min
 Lab File: BF078504.D
 Acq: 14 Apr 2015 16:51

Tgt Ion: 240
 Sig Exp Ratio
 240 100
 120 8.9
 236 26.8





#78

Terphenyl-d14

Concen: 0.00 ng

Expected RT: 14.47 min

Lab File: BF078504.D

Acq: 14 Apr 2015 16:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

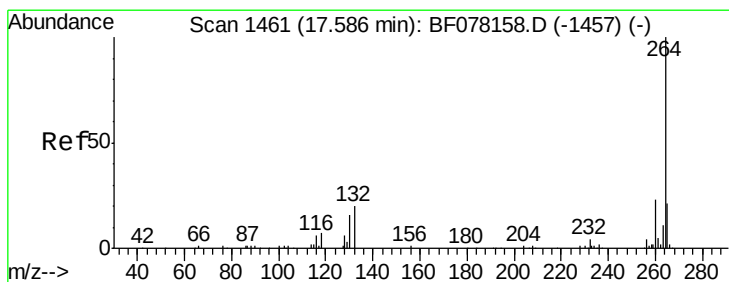
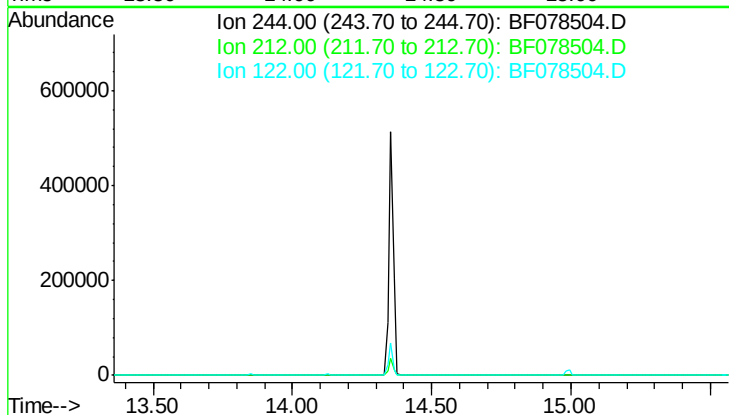
Tgt Ion: 244

Sig Exp Ratio

244 100

212 6.2

122 8.9



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.49 min Scan# 1426

Delta R.T. 0.03 min

Lab File: BF078504.D

Acq: 14 Apr 2015 16:51

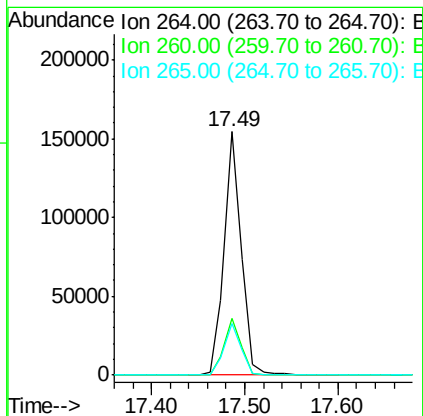
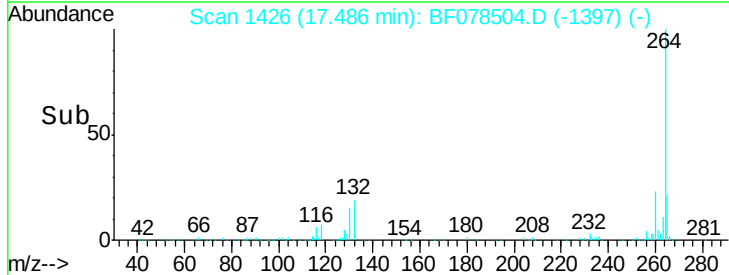
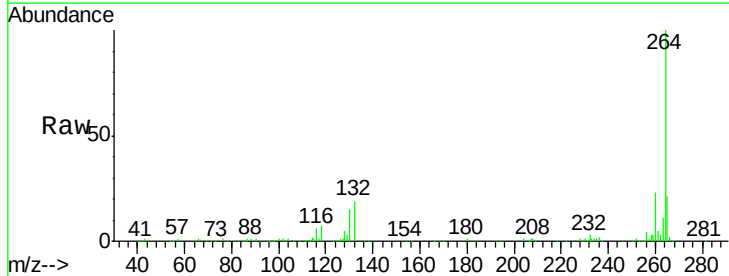
Tgt Ion: 264 Resp: 197766

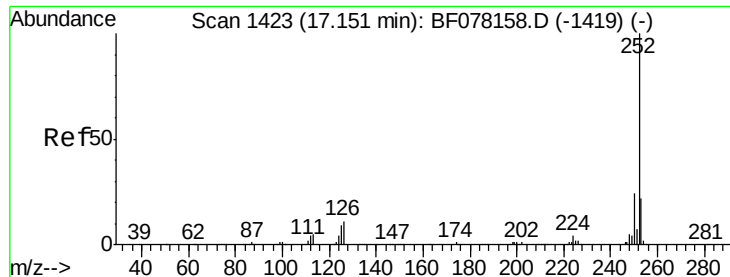
Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 21.1 17.0 25.6





#87

Benzo(b)fluoranthene

Concen: 33.96 ng

RT: 17.05 min Scan# 1388

Delta R.T. 0.03 min

Lab File: BF078504.D

Acq: 14 Apr 2015 16:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

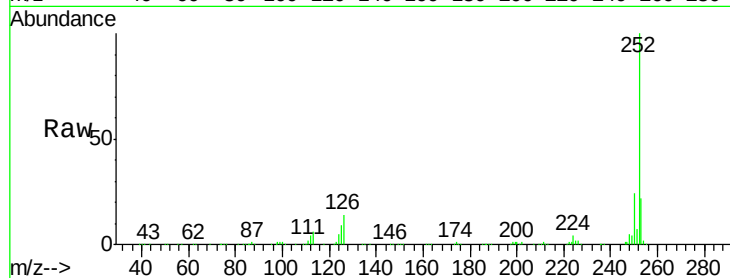
Tgt Ion:252 Resp: 415037

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

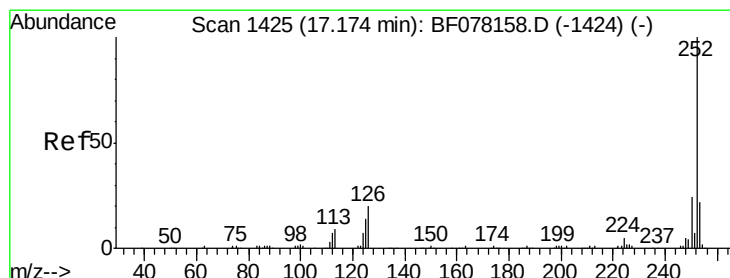
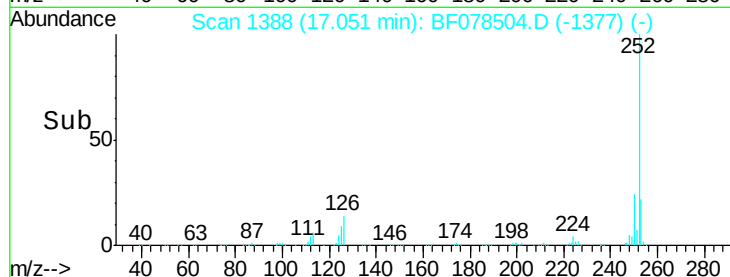
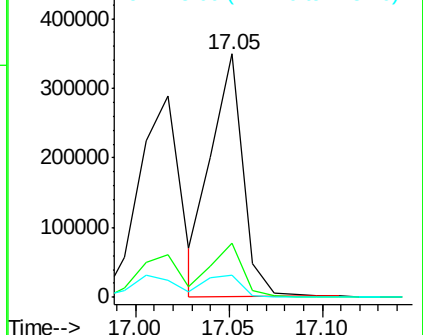
125 9.4 7.0 10.4



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: 38.18 ng

RT: 17.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BF078504.D

Acq: 14 Apr 2015 16:51

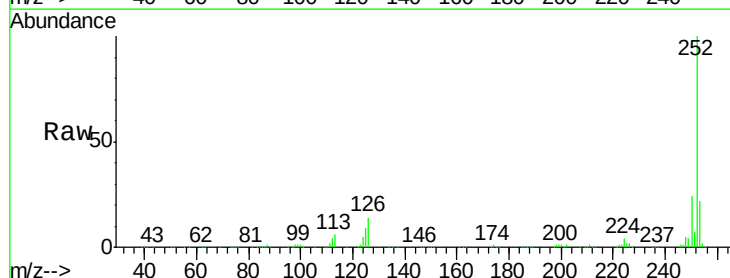
Tgt Ion:252 Resp: 414719

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

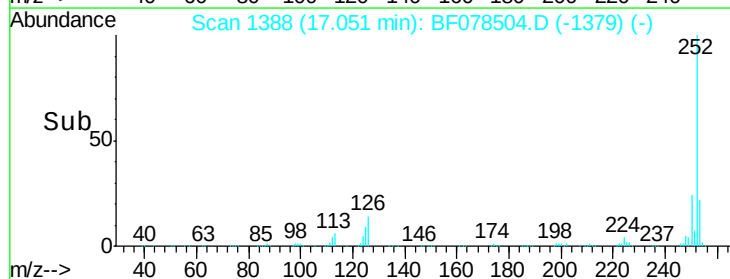
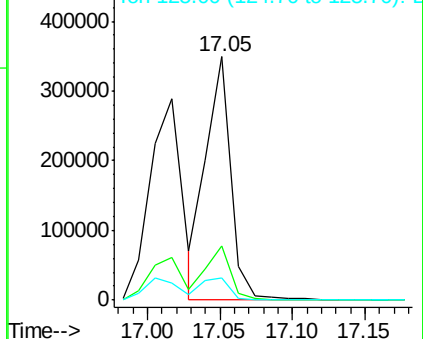
125 9.4 11.6 17.4#

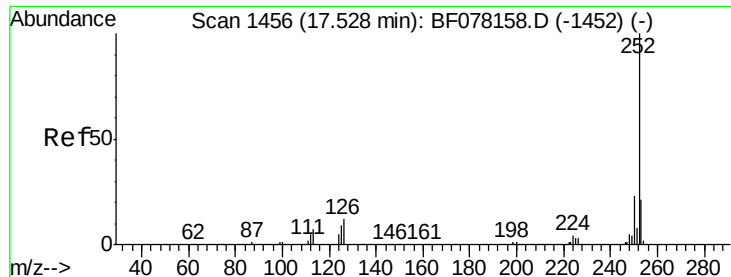


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.06 ng

RT: 17.42 min Scan# 1420

Delta R.T. 0.01 min

Lab File: BF078504.D

Acq: 14 Apr 2015 16:51

Instrument :

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ClientSampleId :

SSTDCCC040

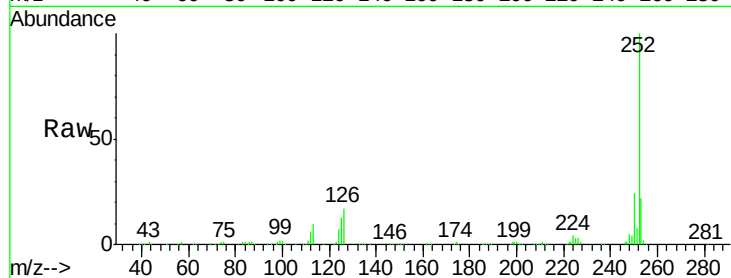
Tgt Ion:252 Resp: 416642

Ion Ratio Lower Upper

252 100

253 22.0 16.8 25.2

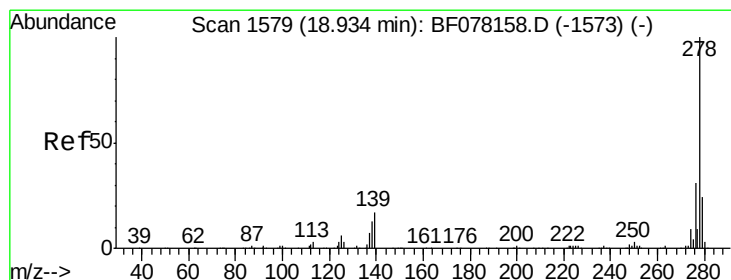
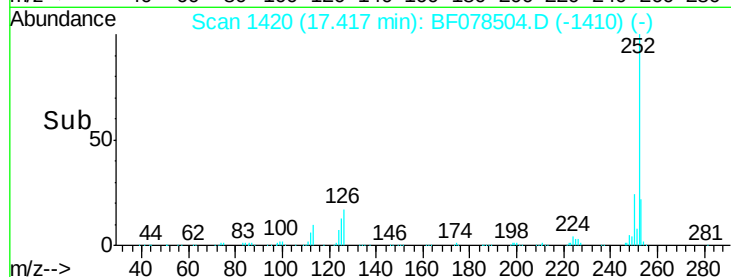
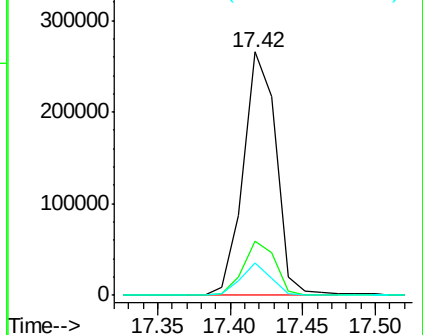
125 13.1 7.4 11.0#



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: 38.82 ng

RT: 18.83 min Scan# 1544

Delta R.T. 0.03 min

Lab File: BF078504.D

Acq: 14 Apr 2015 16:51

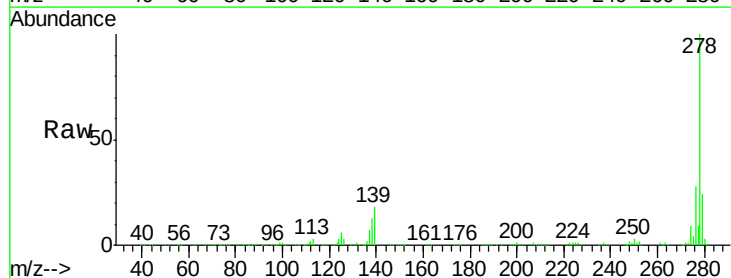
Tgt Ion:278 Resp: 414557

Ion Ratio Lower Upper

278 100

139 17.7 13.6 20.4

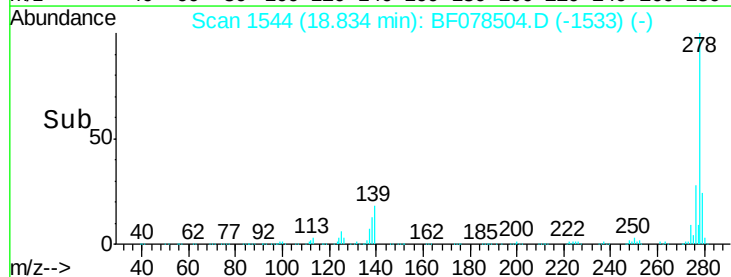
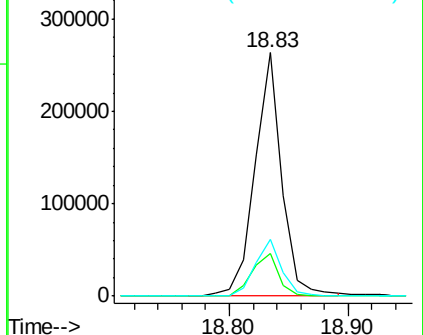
279 23.5 19.0 28.6

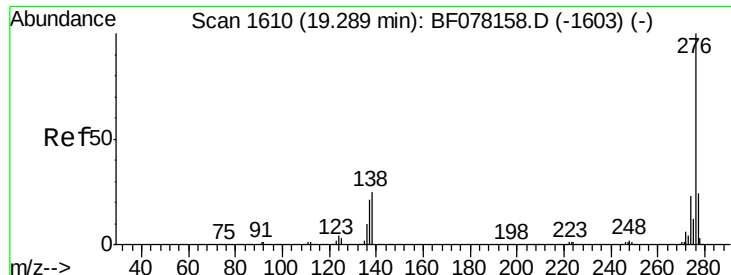


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 38.62 ng

RT: 19.15 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF078504.D

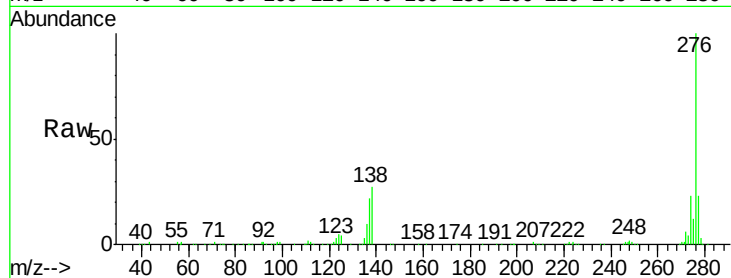
Acq: 14 Apr 2015 16:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:	276	Resp:	413476
Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.4
138	26.7	19.9	29.9

