

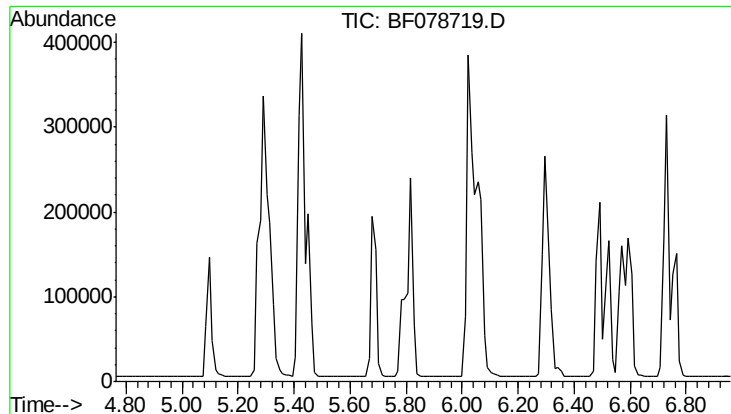
Data Path : Z:\HPCHEM1\BNA_F\Data\BF042215\
 Data File : BF078719.D
 Acq On : 22 Apr 2015 16:41
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 23 01:02:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 16:32:38 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	-5.86
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.02
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-11.21
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-13.94
75) Chrysene-d12	17.74	240	105152	20.00	ng	-0.07
86) Perylene-d12	19.43	264	118204	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	3.80	112	91586	0.00	ng	-0.07
7) Phenol-d6	5.29	99	134402	0.00	ng	-0.07
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	16.40	244	392827	84.42	ng	-0.07
Target Compounds						Qvalue
76) Benzidine	16.07	184	153690	37.96	ng	98
77) Pyrene	16.11	202	279127	42.29	ng	99
79) Butylbenzylphthalate	17.11	149	128100	50.92	ng	# 79
80) Benzo(a)anthracene	17.73	228	259462	41.47	ng	99
81) 3,3'-Dichlorobenzidine	17.74	252	96394	46.00	ng	# 97
82) Chrysene	17.77	228	257159	43.75	ng	99
83) Bis(2-ethylhexyl)phthalate	17.87	149	184624	46.79	ng	97
84) Di-n-octyl phthalate	18.65	149	336210	51.89	ng	# 100
85) Indeno(1,2,3-cd)pyrene	20.88	276	210584	31.57	ng	93
87) Benzo(b)fluoranthene	19.01	252	302101	41.35	ng	# 97
88) Benzo(k)fluoranthene	19.01	252	302101	46.53	ng	# 97
89) Benzo(a)pyrene	19.37	252	250932	39.36	ng	98
90) Dibenzo(a,h)anthracene	20.59	278	238511	37.37	ng	97
91) Benzo(g,h,i)perylene	20.88	276	239118	37.36	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 5.86 min

Lab File: BF078719.D

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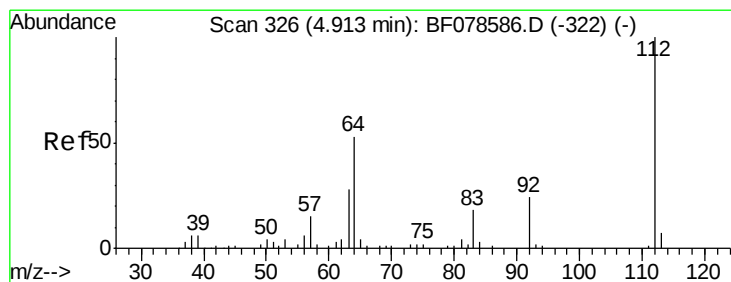
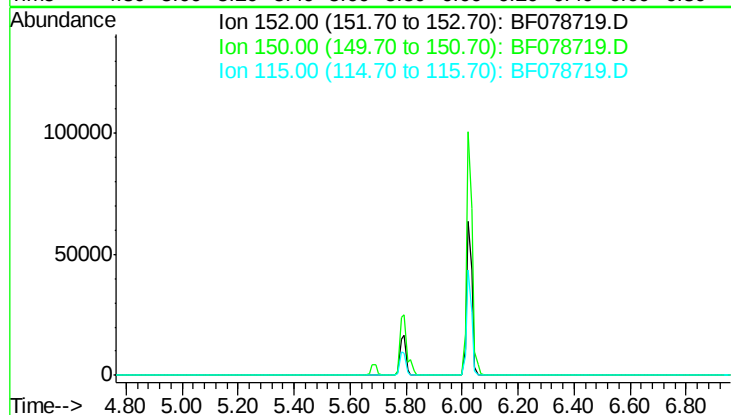
Tgt Ion: 152

Sig Exp Ratio

152 100

150 157.4

115 65.9



#5

2-Fluorophenol

Concen: 0.00 ng

RT: 3.80 min Scan# 229

Delta R.T. -0.07 min

Lab File: BF078719.D

Acq: 22 Apr 2015 16:41

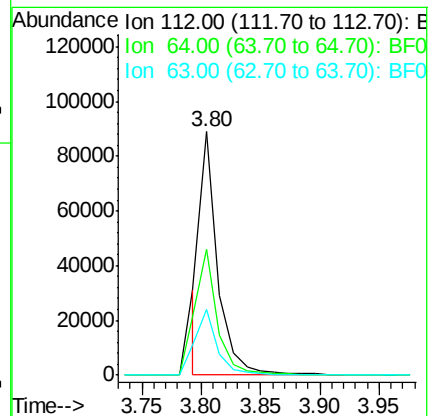
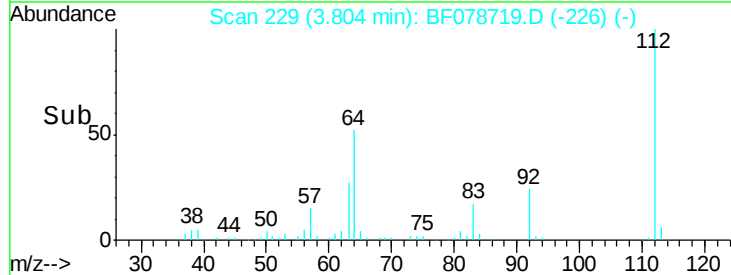
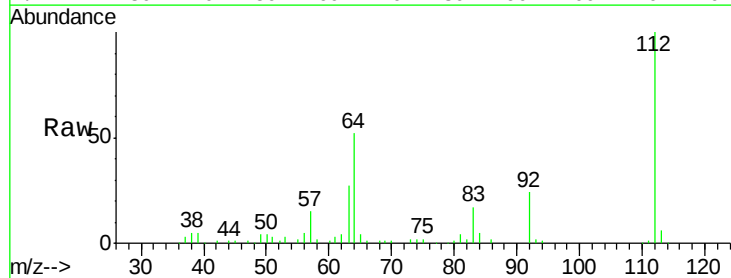
Tgt Ion: 112 Resp: 91586

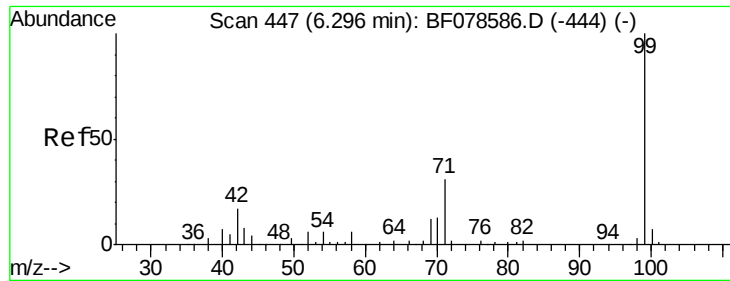
Ion Ratio Lower Upper

112 100

64 51.8 39.9 59.9

63 27.1 20.2 30.4





#7

Phenol-d6

Concen: 0.00 ng

RT: 5.29 min Scan# 359

Delta R.T. -0.07 min

Lab File: BF078719.D

Acq: 22 Apr 2015 16:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

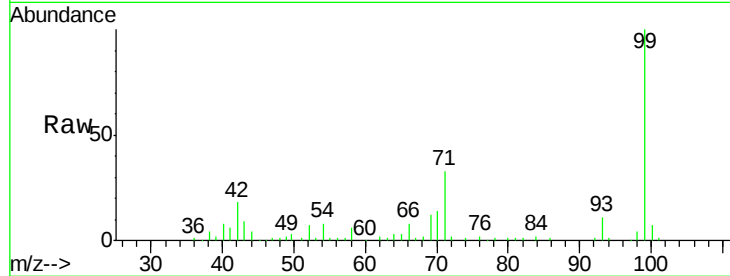
Tgt Ion: 99 Resp: 134402

Ion Ratio Lower Upper

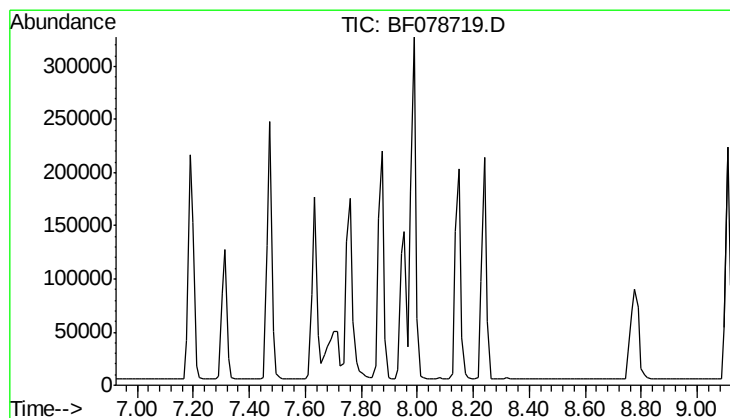
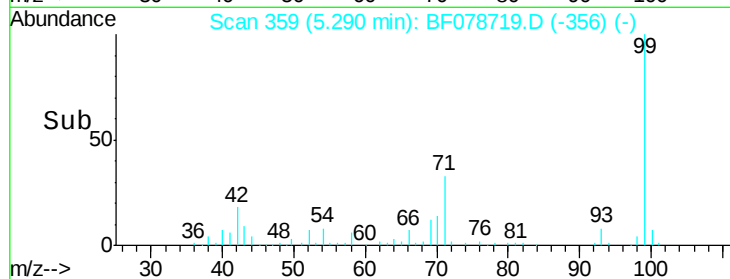
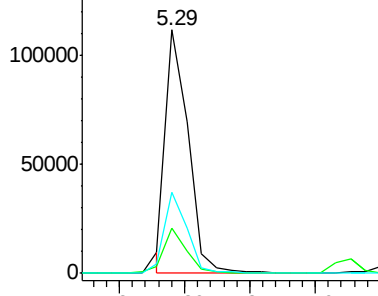
99 100

42 18.4 14.8 22.2

71 33.2 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 0.00 ng

Expected RT: 8.02 min

Lab File: BF078719.D

Acq: 22 Apr 2015 16:41

Tgt Ion: 136

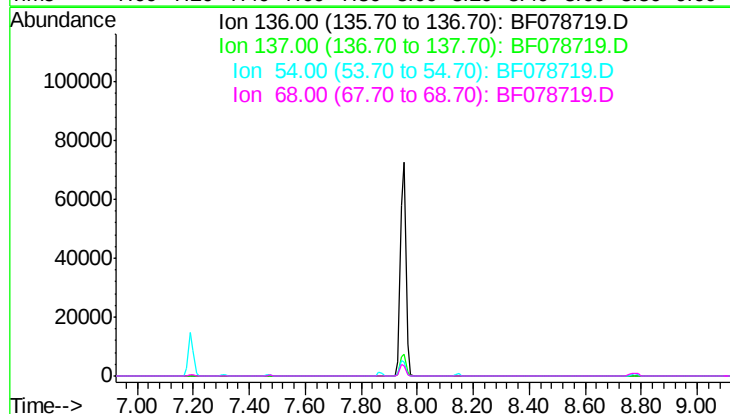
Sig Exp Ratio

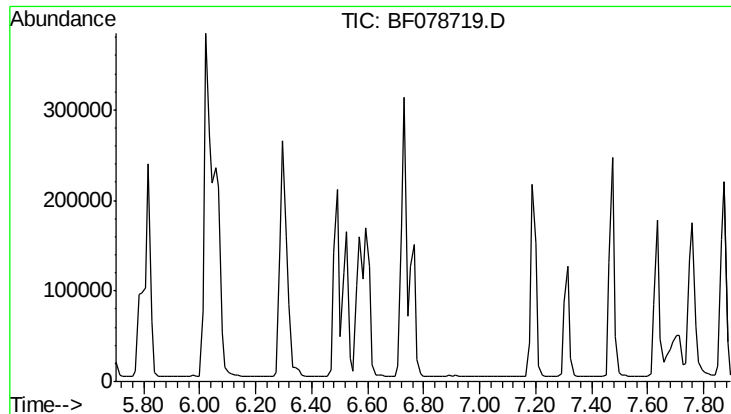
136 100

137 11.2

54 8.8

68 6.8

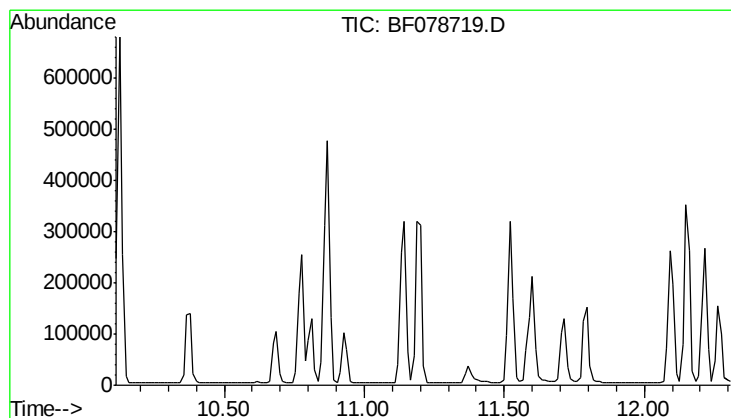
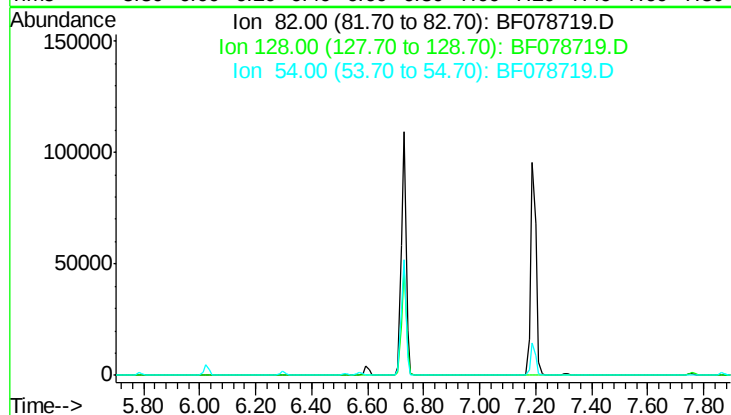




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 6.80 min
 Lab File: BF078719.D
 Acq: 22 Apr 2015 16:41

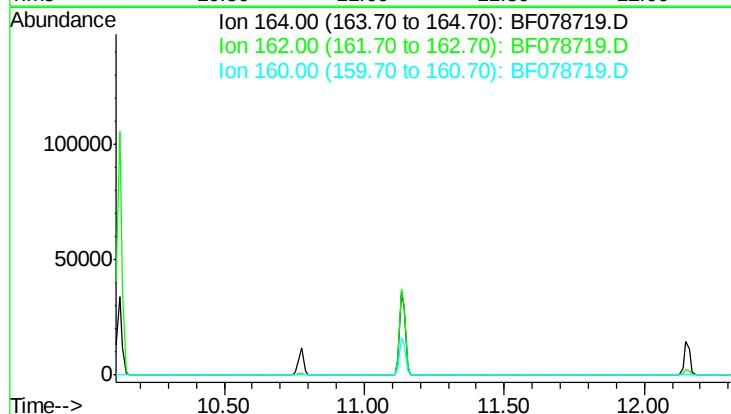
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

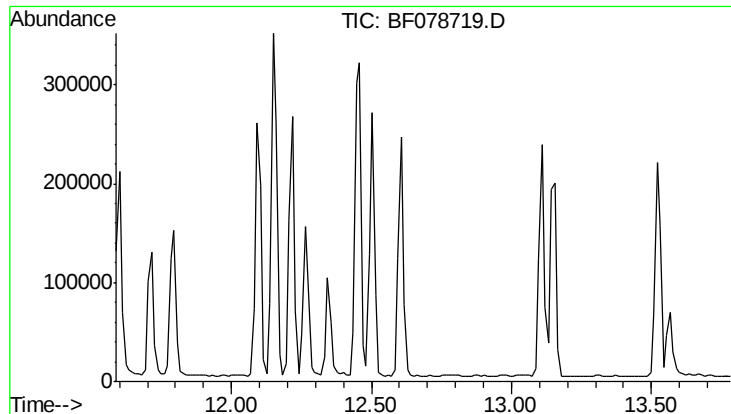
Tgt Ion	Exp Ratio
82	100
128	39.8
54	51.9



#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 11.21 min
 Lab File: BF078719.D
 Acq: 22 Apr 2015 16:41

Tgt Ion	Exp Ratio
164	100
162	102.7
160	43.4

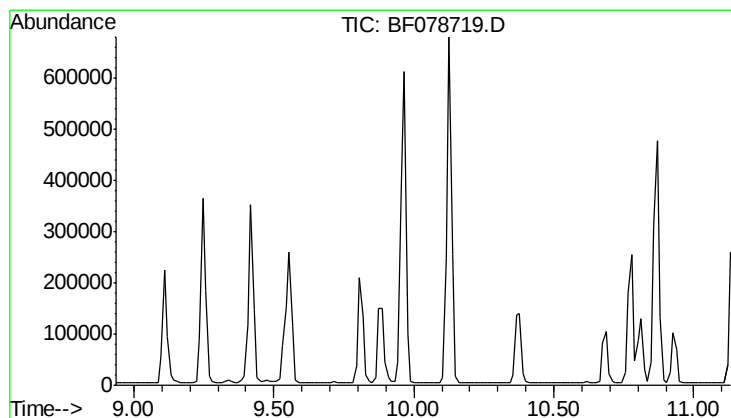
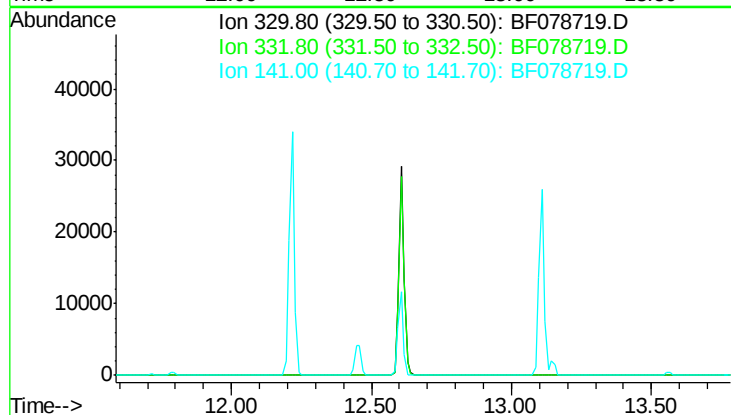




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 12.69 min
 Lab File: BF078719.D
 Acq: 22 Apr 2015 16:41

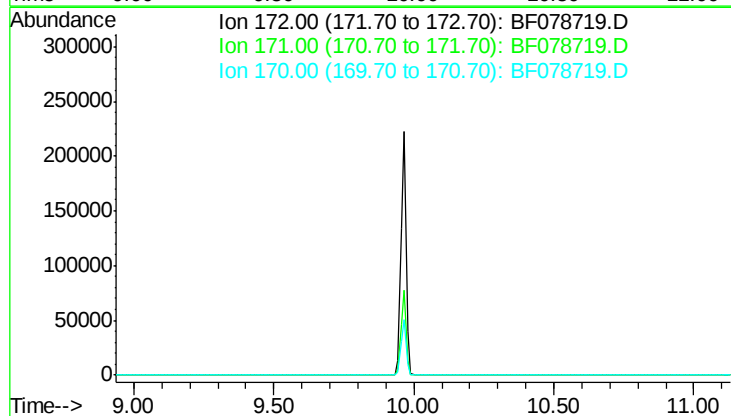
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

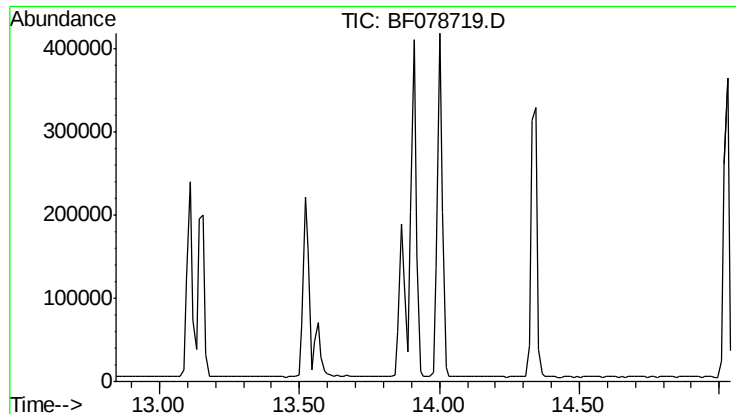
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 98.2
 141 39.0



#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 10.03 min
 Lab File: BF078719.D
 Acq: 22 Apr 2015 16:41

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

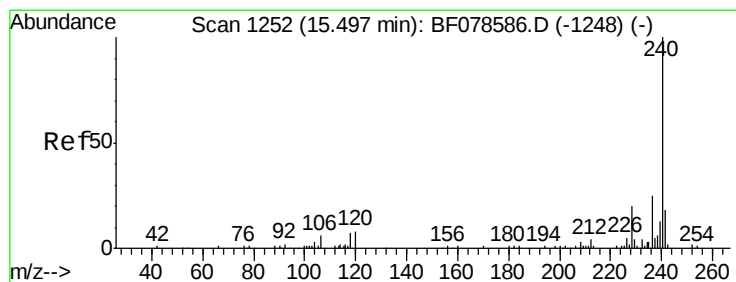
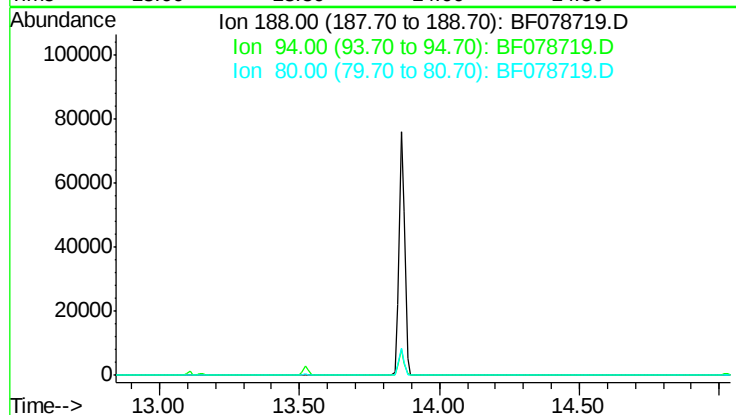




#63
 Phenanthrene-d10
 Concen: 0.00 ng
 Expected RT: 13.94 min
 Lab File: BF078719.D
 Acq: 22 Apr 2015 16:41

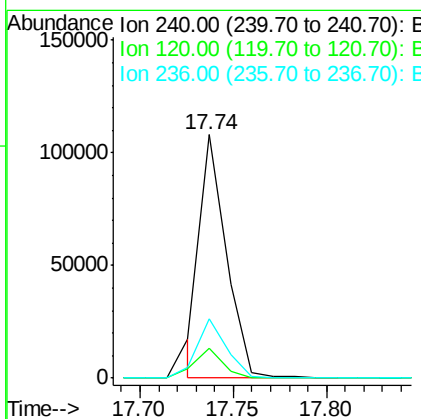
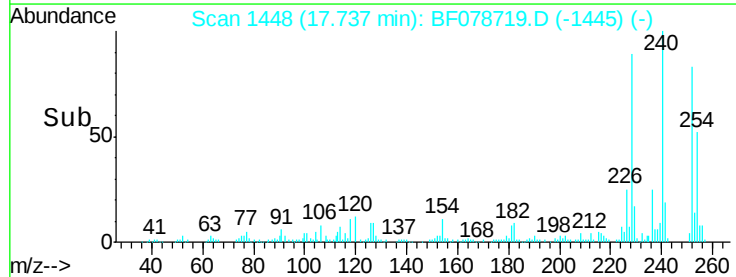
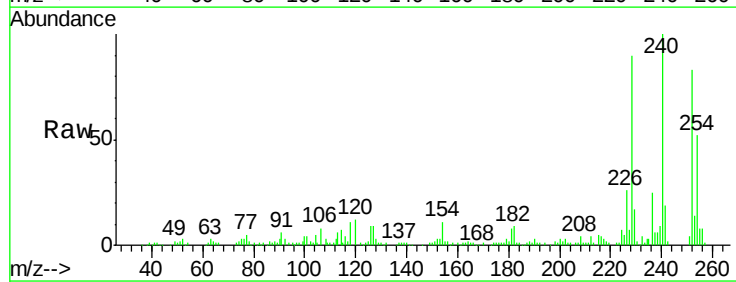
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

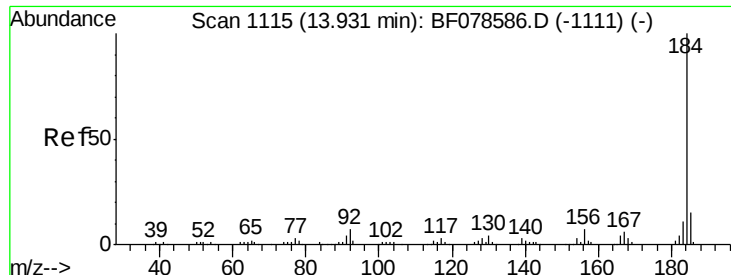
Tgt Ion: 188
 Sig Exp Ratio
 188 100
 94 11.2
 80 11.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 17.74 min Scan# 1448
 Delta R.T. -0.07 min
 Lab File: BF078719.D
 Acq: 22 Apr 2015 16:41

Tgt Ion: 240 Resp: 105152
 Ion Ratio Lower Upper
 240 100
 120 12.4 7.1 10.7#
 236 24.6 21.4 32.2

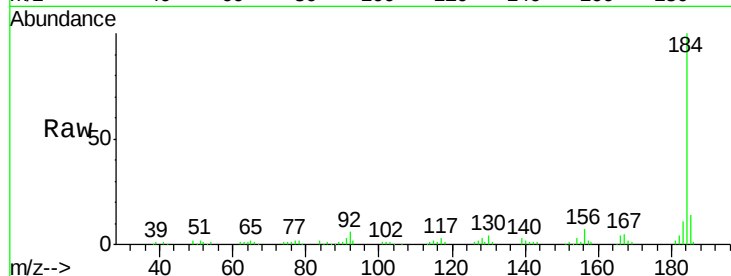




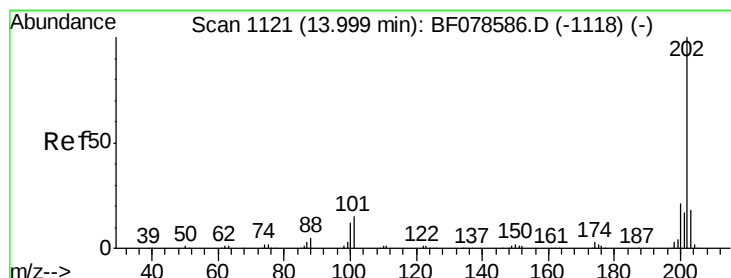
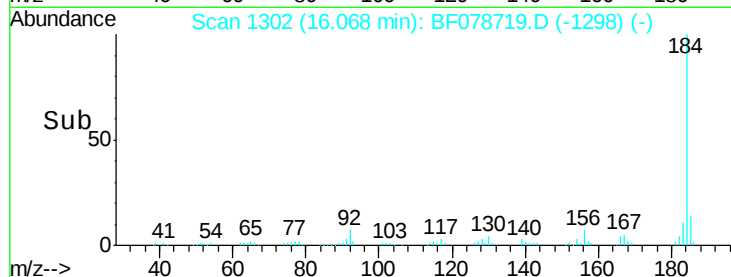
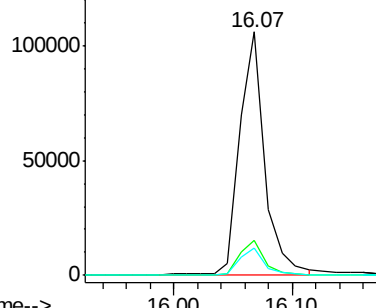
#76
Benzidine
Concen: 37.96 ng
RT: 16.07 min Scan# 1302
Delta R.T. -0.06 min
Lab File: BF078719.D
Acq: 22 Apr 2015 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 153690
Ion Ratio Lower Upper
184 100
185 14.2 12.2 18.2
183 11.4 9.5 14.3

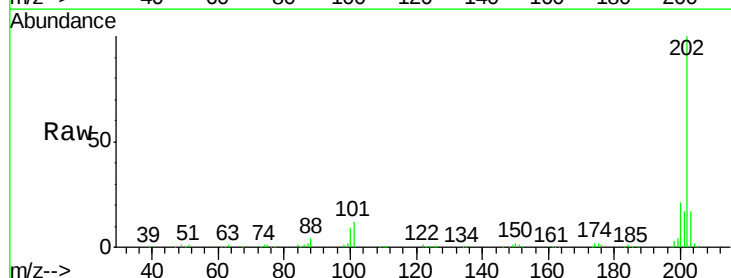


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

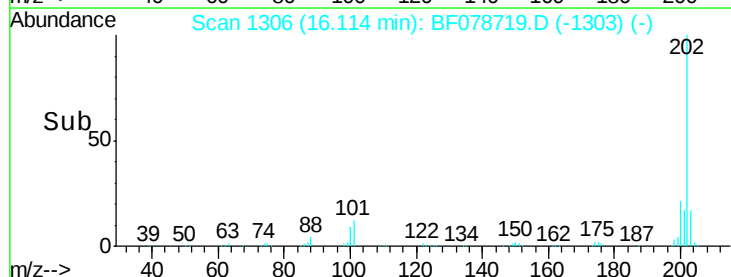
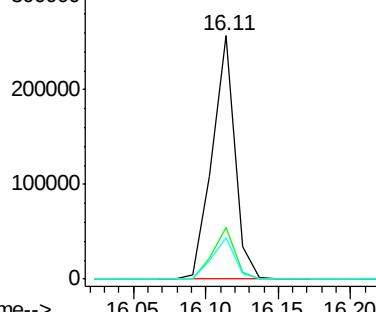


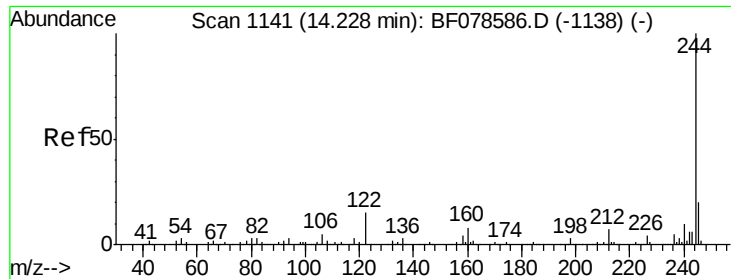
#77
Pyrene
Concen: 42.29 ng
RT: 16.11 min Scan# 1306
Delta R.T. -0.07 min
Lab File: BF078719.D
Acq: 22 Apr 2015 16:41

Tgt Ion:202 Resp: 279127
Ion Ratio Lower Upper
202 100
200 21.3 16.3 24.5
203 17.2 13.8 20.6



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

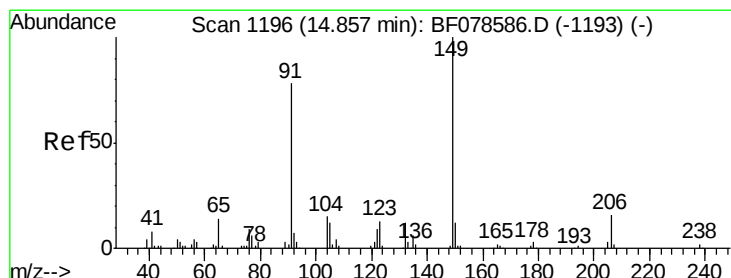
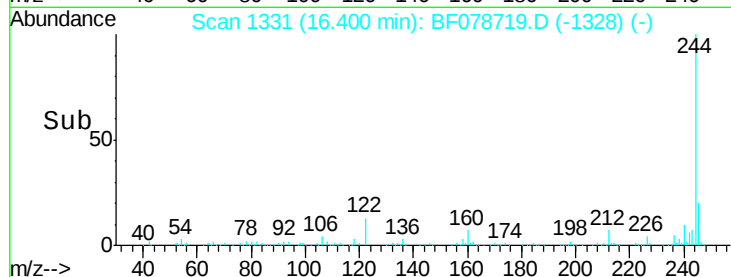
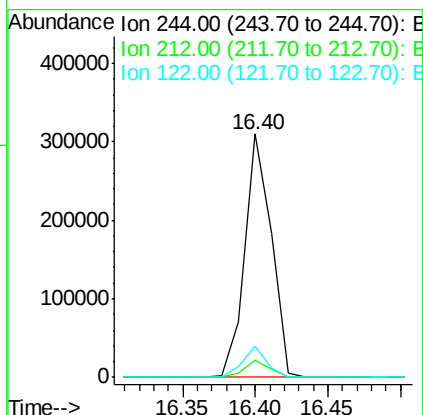
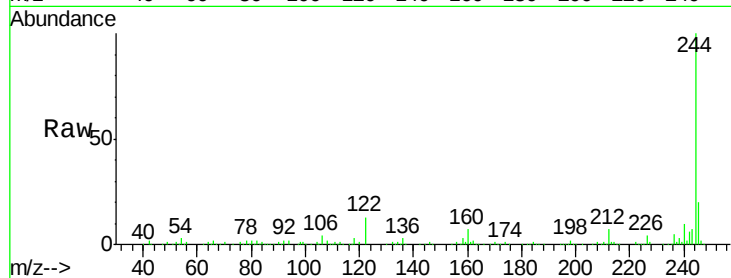




#78
 Terphenyl-d14
 Concen: 84.42 ng
 RT: 16.40 min Scan# 1331
 Delta R.T. -0.07 min
 Lab File: BF078719.D
 Acq: 22 Apr 2015 16:41

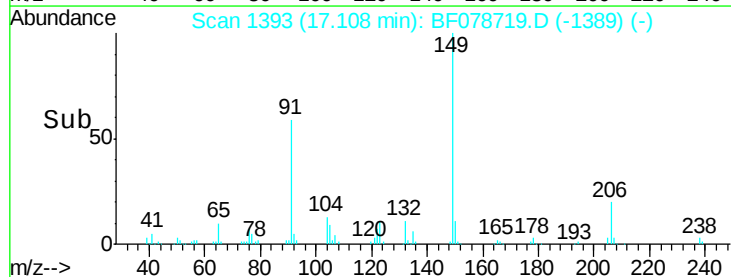
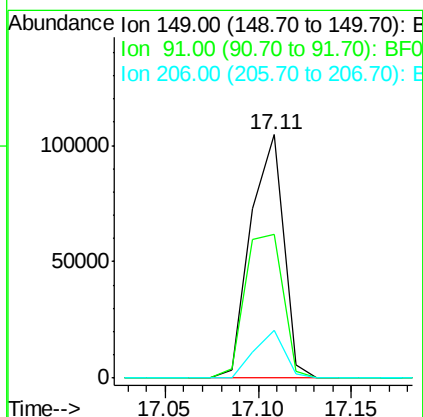
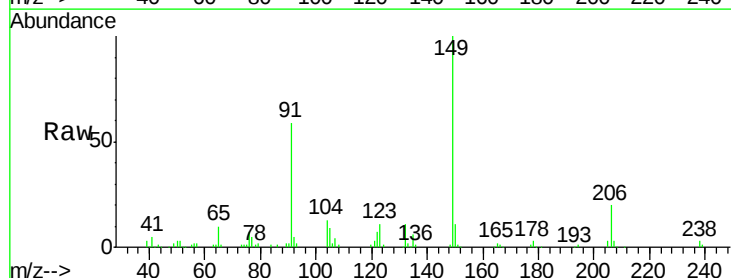
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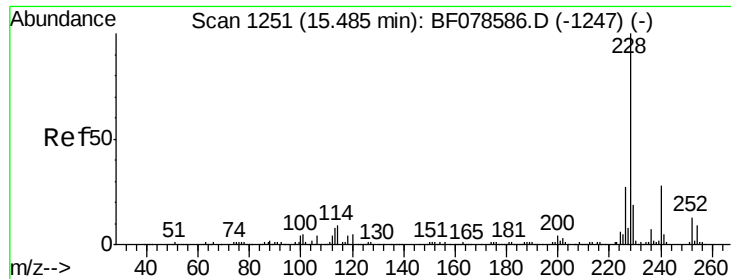
Tgt Ion:244 Resp: 392827
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 12.9 7.1 10.7#



#79
 Butylbenzylphthalate
 Concen: 50.92 ng
 RT: 17.11 min Scan# 1393
 Delta R.T. -0.06 min
 Lab File: BF078719.D
 Acq: 22 Apr 2015 16:41

Tgt Ion:149 Resp: 128100
 Ion Ratio Lower Upper
 149 100
 91 59.2 64.2 96.2#
 206 19.8 12.6 18.8#





#80

Benzo(a)anthracene

Concen: 41.47 ng

RT: 17.73 min Scan# 1447

Delta R.T. -0.07 min

Lab File: BF078719.D

Acq: 22 Apr 2015 16:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

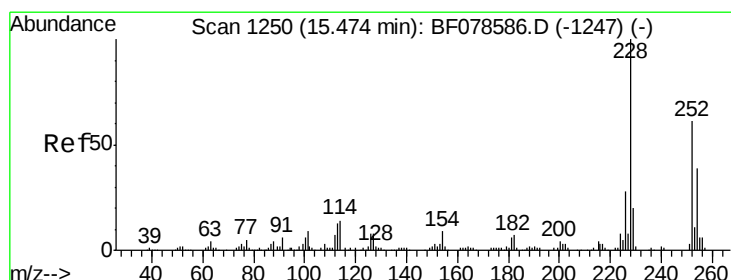
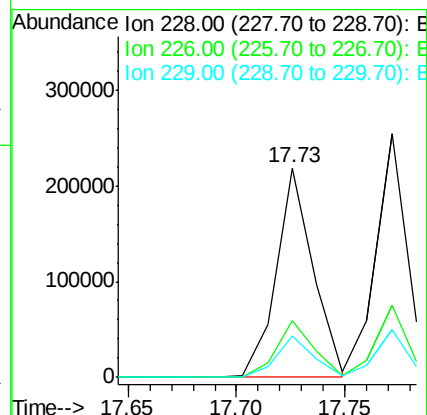
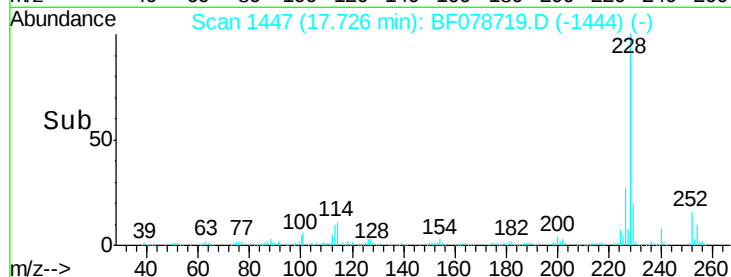
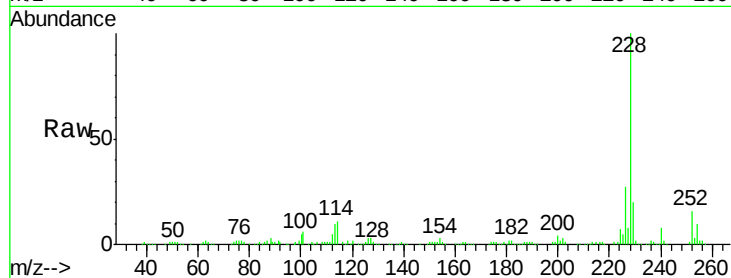
Tgt Ion:228 Resp: 259462

Ion Ratio Lower Upper

228 100

226 27.0 21.3 31.9

229 19.7 15.4 23.2



#81

3,3'-Dichlorobenzidine

Concen: 46.00 ng

RT: 17.74 min Scan# 1448

Delta R.T. -0.06 min

Lab File: BF078719.D

Acq: 22 Apr 2015 16:41

Tgt Ion:252 Resp: 96394

Ion Ratio Lower Upper

252 100

254 62.0 51.2 76.8

126 11.1 6.3 9.5#

