

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042215\
 Data File : BF078720.D
 Acq On : 22 Apr 2015 17:29
 Operator : TP/IZ
 Sample : G1961-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-028

Quant Time: Apr 23 01:12:42 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 00:55:17 2015
 Response via : Initial Calibration

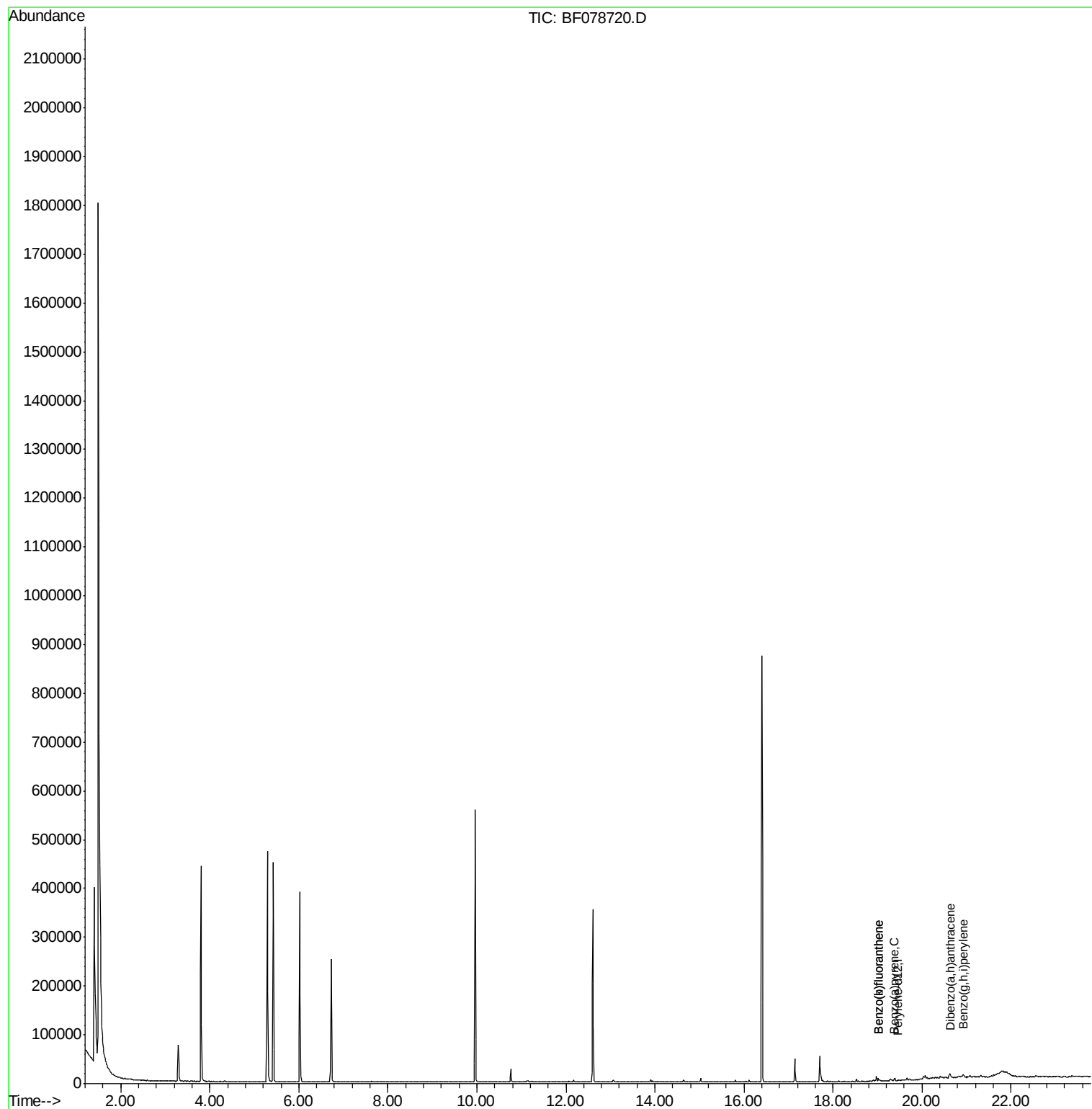
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-5.79
21) Naphthalene-d8	0.00	136	0	0.00	ng	-7.95
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-11.13
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-13.86
75) Chrysene-d12	0.00	240	0	0.00	ng	-17.74
86) Perylene-d12	19.45	264	671	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	3.80	112	168483	0.00	ng	0.00
7) Phenol-d6	5.29	99	212903	0.00	ng	0.00
23) Nitrobenzene-d5	6.73	82	126863	0.00	ng	0.00
41) 2,4,6-Tribromophenol	12.61	330	58754	0.00	ng	0.00
44) 2-Fluorobiphenyl	9.96	172	272728	0.00	ng	0.00
78) Terphenyl-d14	16.40	244	373805	0.00	ng	0.00
Target Compounds						
87) Benzo(b)fluoranthene	19.02	252	6121	147.60	ng	# 85
88) Benzo(k)fluoranthene	19.02	252	6121	166.09	ng	# 79
89) Benzo(a)pyrene	19.38	252	3805	105.13	ng	# 95
90) Dibenzo(a,h)anthracene	20.64	278	4094	112.99	ng	96
91) Benzo(g,h,i)perylene	20.93	276	4181	115.08	ng	# 93

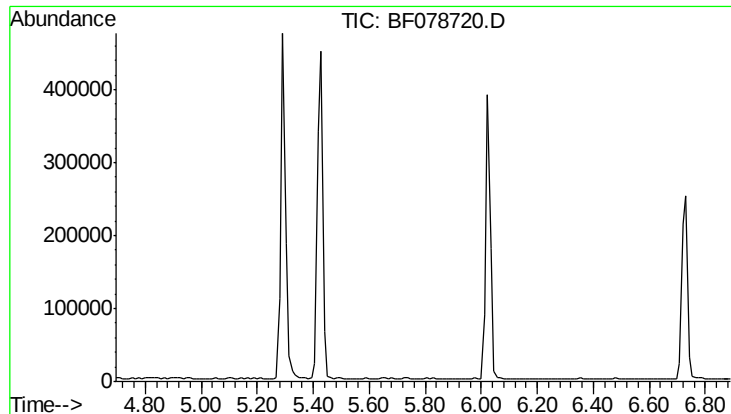
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 5.79 min

Lab File: BF078720.D

Acq: 22 Apr 2015 17:29

Instrument :

BNA_F

ClientSampleId :

FS-028

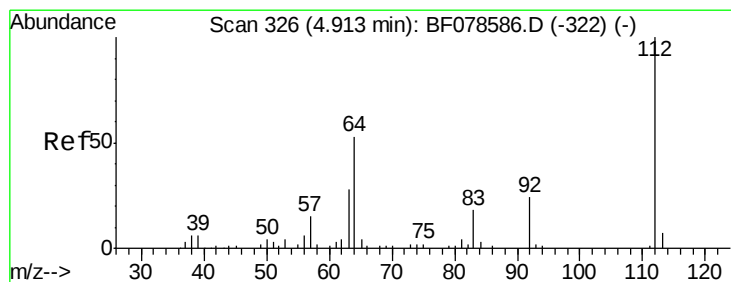
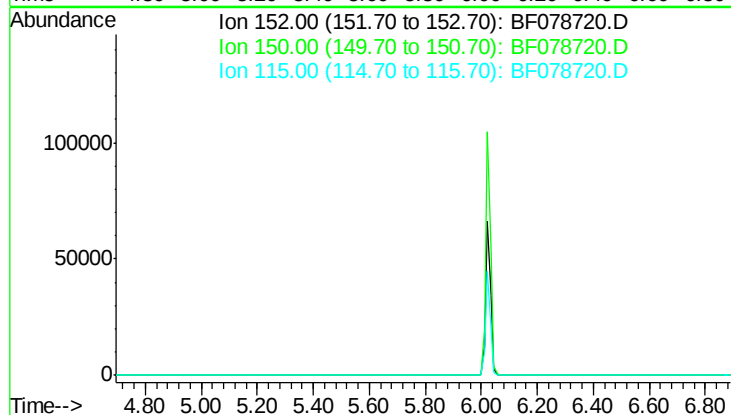
Tot Ion: 152

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. 0.00 min

Lab File: BF078720.D

Acq: 22 Apr 2015 17:29

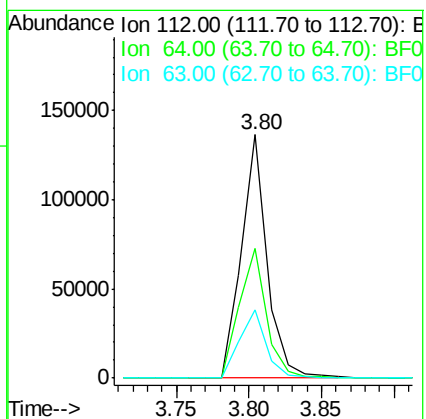
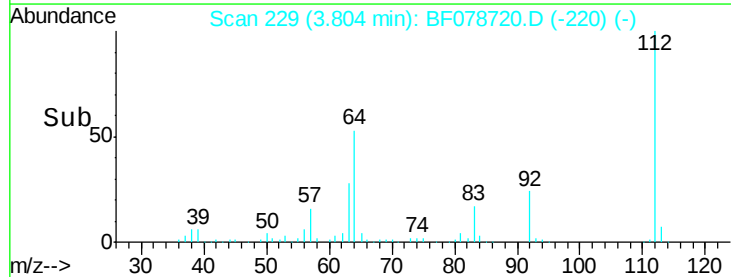
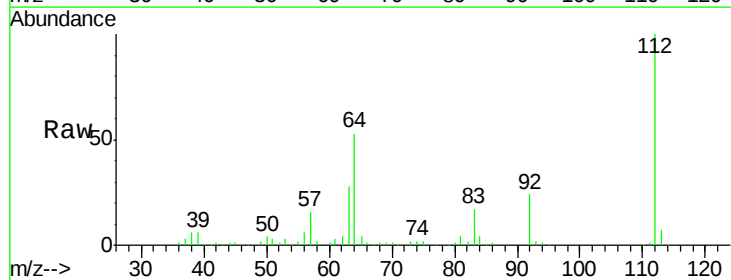
Tgt Ion:112 Resp: 168483

Ion Ratio Lower Upper

112 100

64 53.3 39.9 59.9

63 28.0 20.2 30.4





#7

Phenol-d6

Concen: 0.00 ng

RT: 5.29 min Scan# 359

Delta R.T. 0.00 min

Lab File: BF078720.D

Acq: 22 Apr 2015 17:29

Instrument :

BNA_F

ClientSampleId :

FS-028

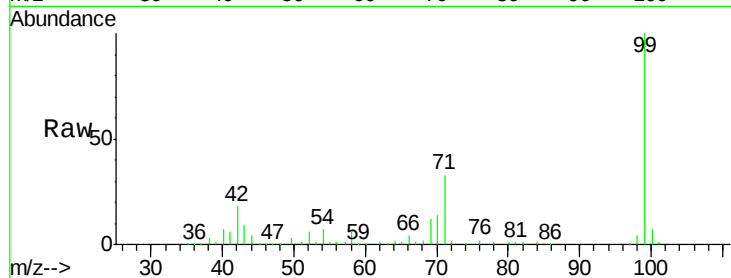
Tot Ion: 99 Resp: 212903

Ion Ratio Lower Upper

99 100

42 18.2 14.8 22.2

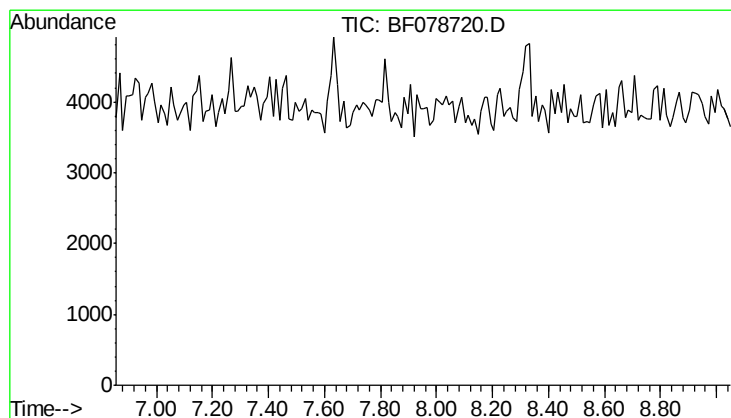
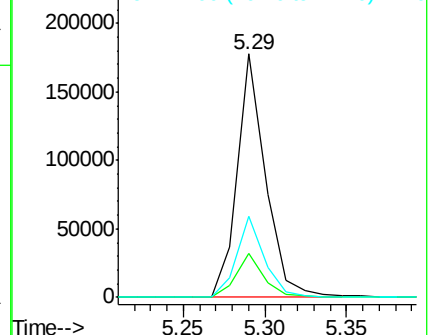
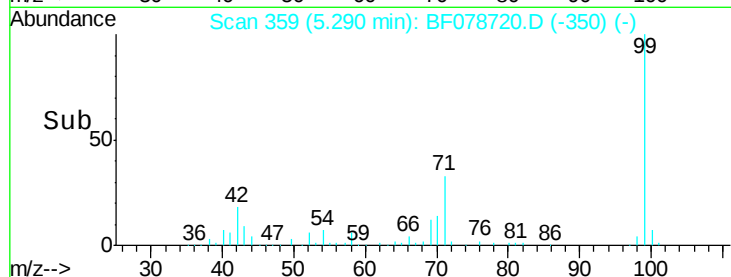
71 33.1 26.6 39.8



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: 7.95 min

Lab File: BF078720.D

Acq: 22 Apr 2015 17:29

Tgt Ion: 136

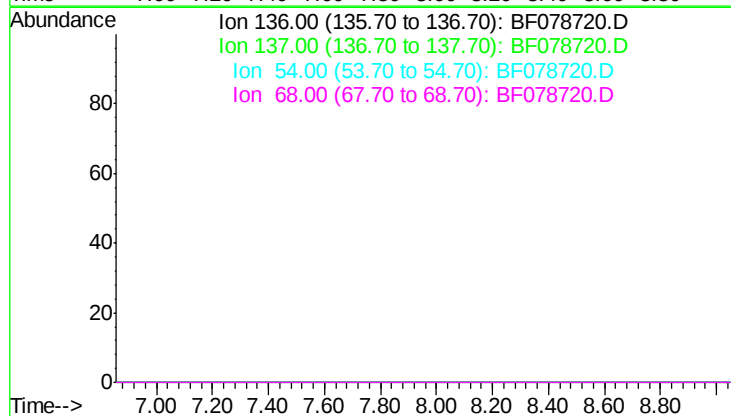
Sig Exp Ratio

136 100

137 11.2

54 8.8

68 6.8

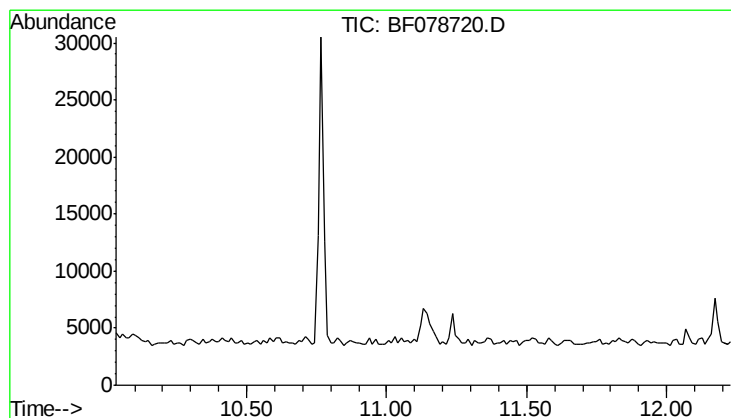
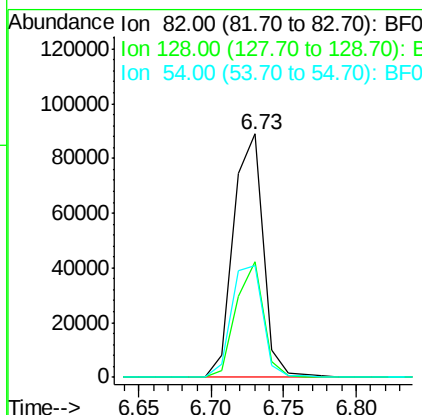
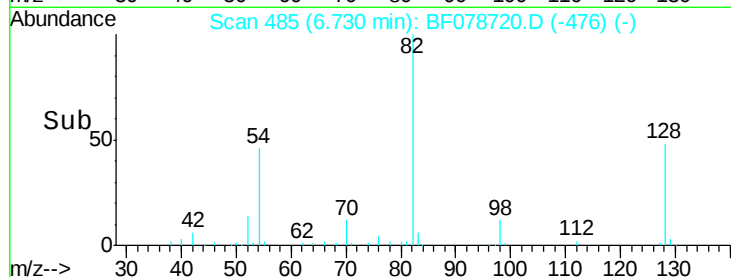
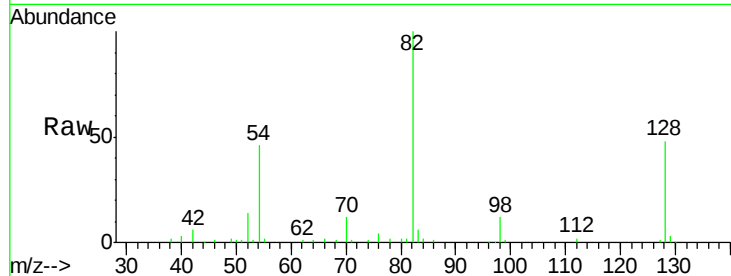




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 RT: 6.73 min Scan# 485
 Delta R.T. 0.00 min
 Lab File: BF078720.D
 Acq: 22 Apr 2015 17:29

Instrument :
 BNA_F
 ClientSampleId :
 FS-028

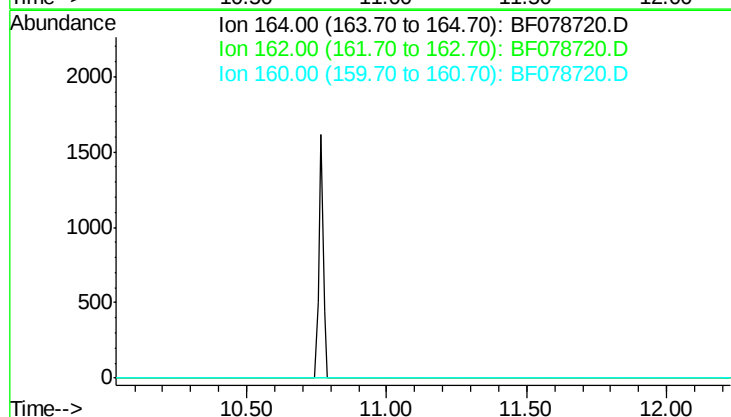
Tot Ion	Ion	Ratio	Lower	Upper
82	100			
128	47.7	31.8	47.8	
54	45.9	41.5	62.3	



#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 11.13 min

Lab File: BF078720.D
 Acq: 22 Apr 2015 17:29

Tgt Ion	Sig	Exp Ratio
164	100	
162	102.7	
160	43.4	

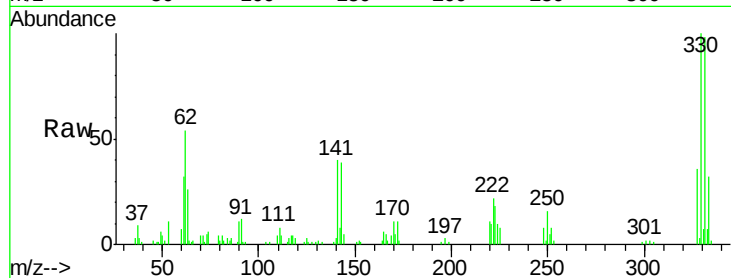




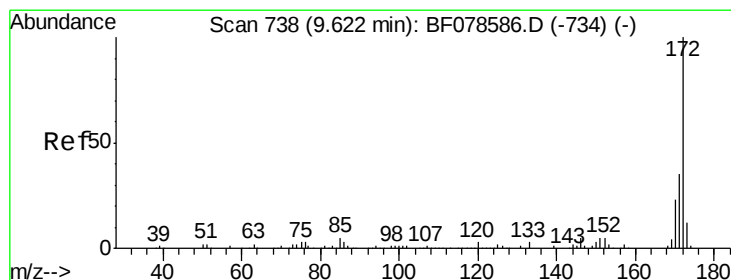
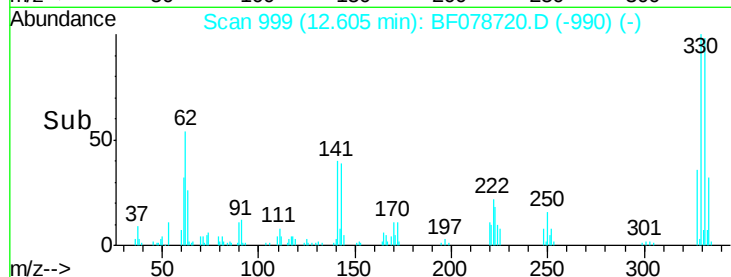
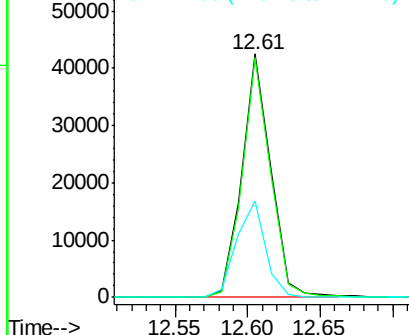
#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 RT: 12.61 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF078720.D
 Acq: 22 Apr 2015 17:29

Instrument :
 BNA_F
 ClientSampleId :
 FS-028

Tot Ion:330 Resp: 58754
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.6 117.8
 141 39.6 31.2 46.8

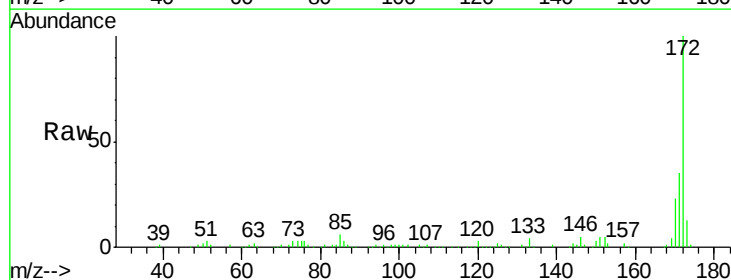


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

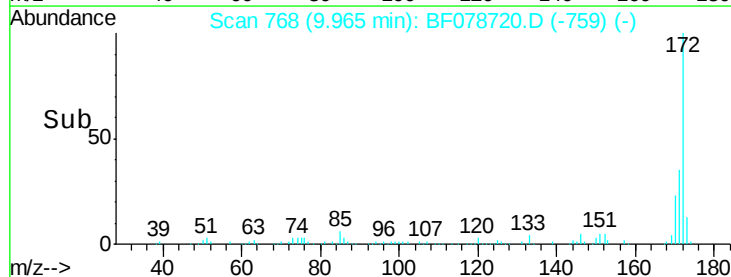
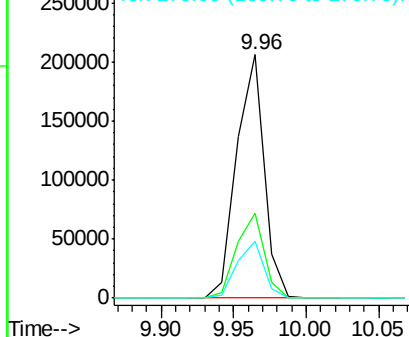


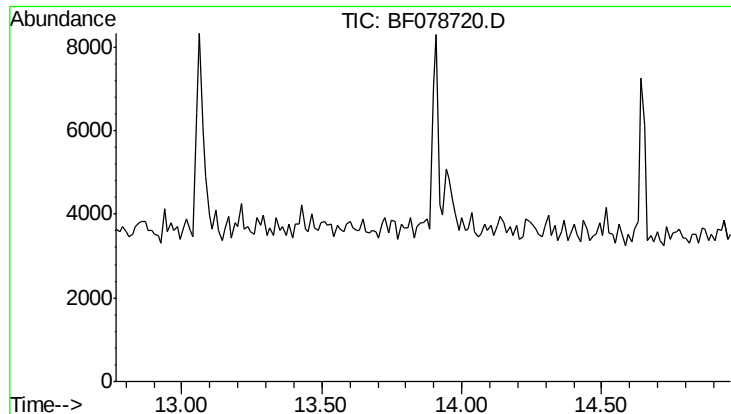
#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 RT: 9.96 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF078720.D
 Acq: 22 Apr 2015 17:29

Tgt Ion:172 Resp: 272728
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 42.8
 170 23.1 18.5 27.7



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

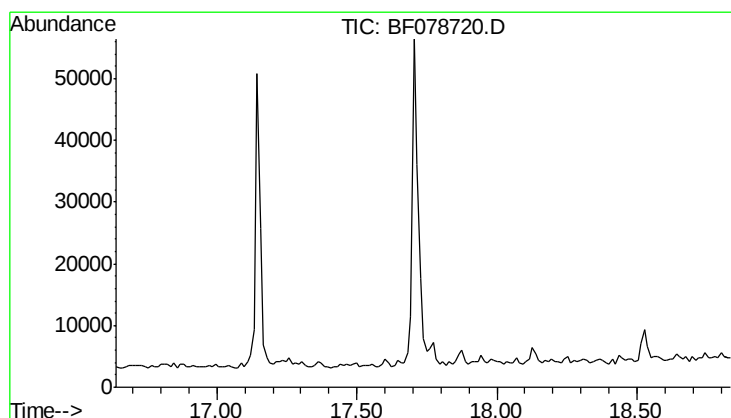
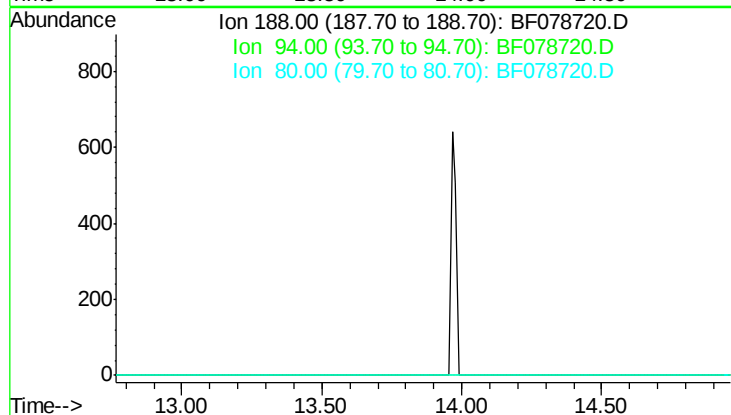




#63
 Phenanthrene-d10
 Concen: 0.00 ng
 Expected RT: 13.86 min
 Lab File: BF078720.D
 Acq: 22 Apr 2015 17:29

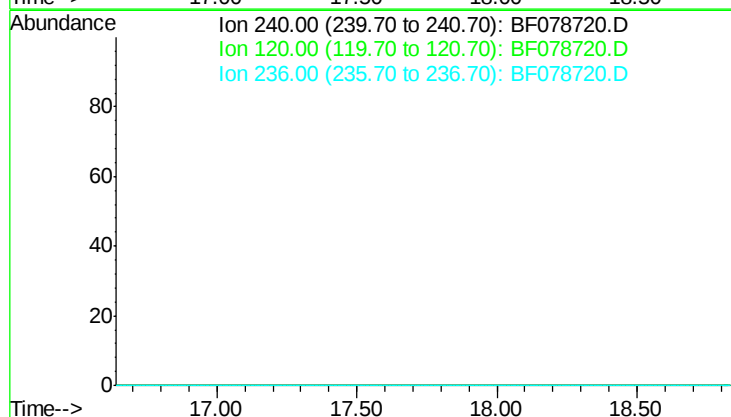
Instrument :
 BNA_F
 ClientSampleId :
 FS-028

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



#75
 Chrysene-d12
 Concen: 0.00 ng
 Expected RT: 17.74 min
 Lab File: BF078720.D
 Acq: 22 Apr 2015 17:29

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





#78

Terphenyl-d14

Concen: 0.00 ng

RT: 16.40 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BF078720.D

Acq: 22 Apr 2015 17:29

Instrument :

BNA_F

ClientSampleId :

FS-028

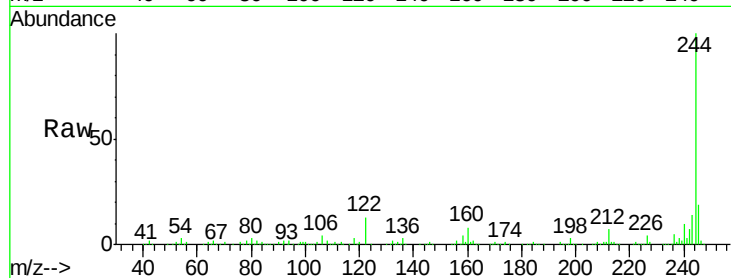
Tot Ion:244 Resp: 373805

Ion Ratio Lower Upper

244 100

212 7.1 5.0 7.4

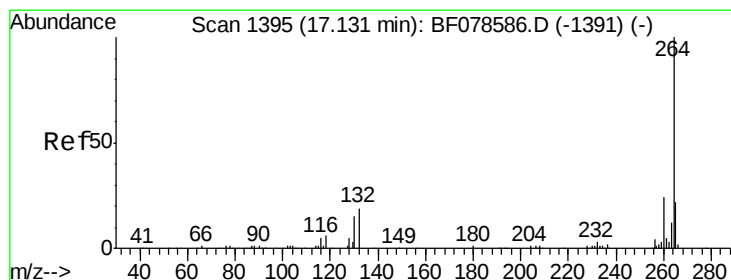
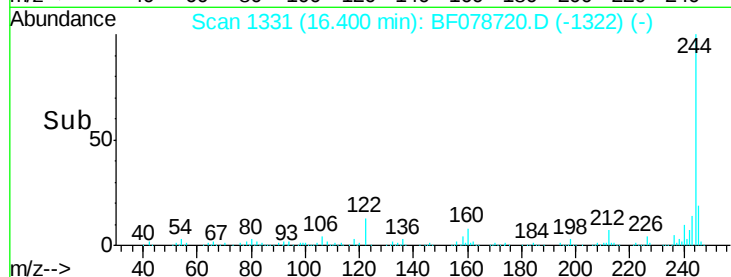
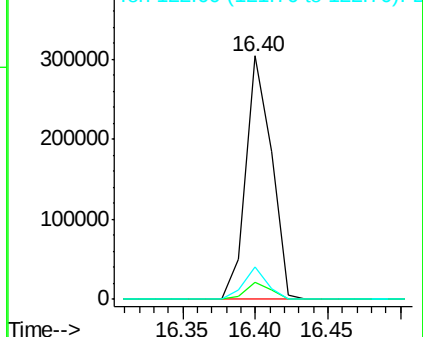
122 13.4 7.1 10.7#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 19.45 min Scan# 1598

Delta R.T. 0.02 min

Lab File: BF078720.D

Acq: 22 Apr 2015 17:29

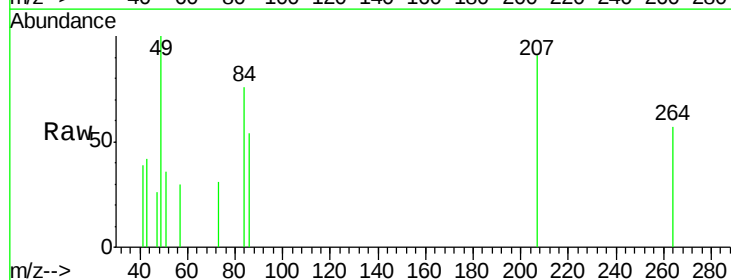
Tgt Ion:264 Resp: 671

Ion Ratio Lower Upper

264 100

260 0.0 18.6 27.8#

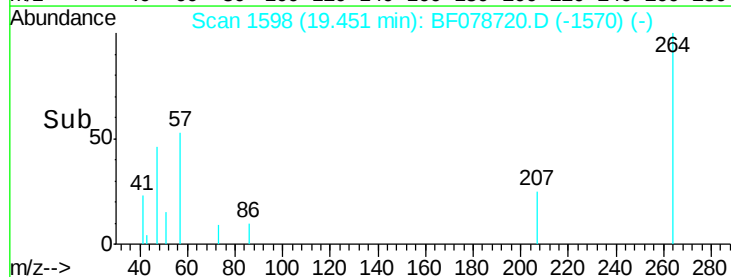
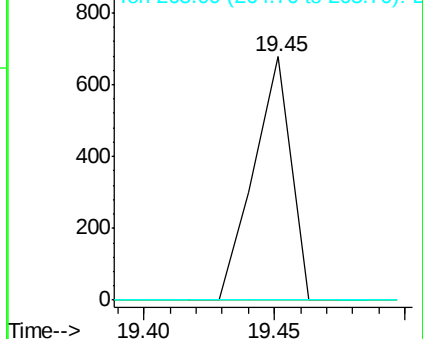
265 0.0 17.0 25.6#

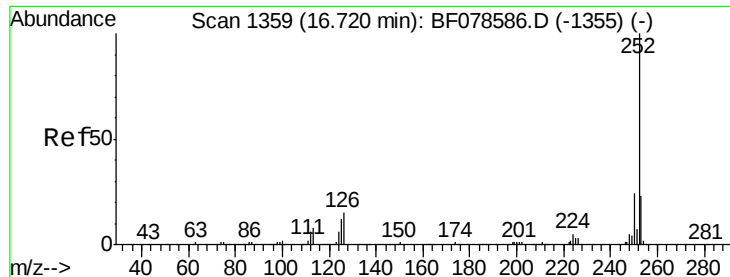


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 147.60 ng

RT: 19.02 min Scan# 1560

Delta R.T. 0.01 min

Lab File: BF078720.D

Acq: 22 Apr 2015 17:29

Instrument :

BNA_F

ClientSampleId :

FS-028

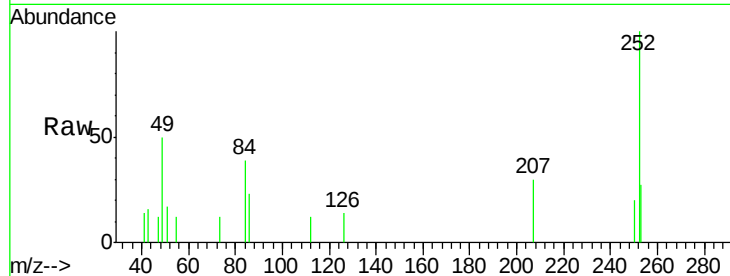
Tot Ion:252 Resp: 6121

Ion Ratio Lower Upper

252 100

253 27.1 17.2 25.8#

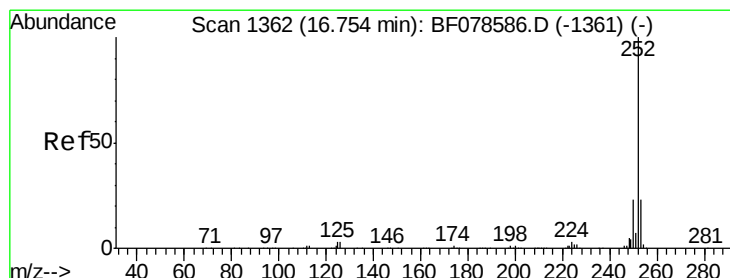
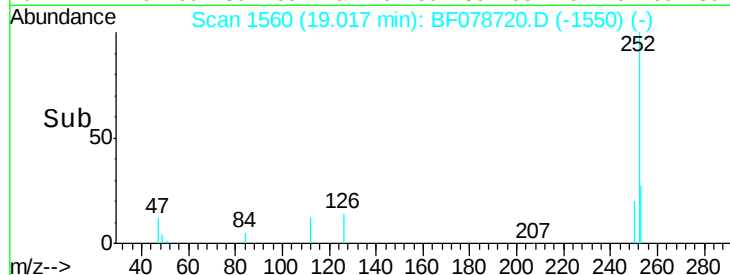
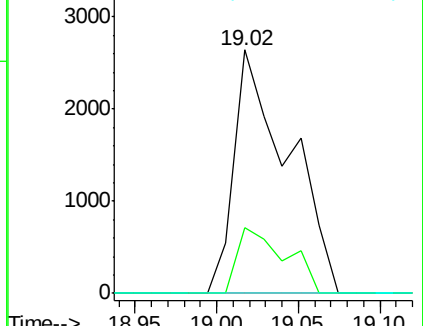
125 0.0 7.0 10.4#



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: 166.09 ng

RT: 19.02 min Scan# 1560

Delta R.T. -0.02 min

Lab File: BF078720.D

Acq: 22 Apr 2015 17:29

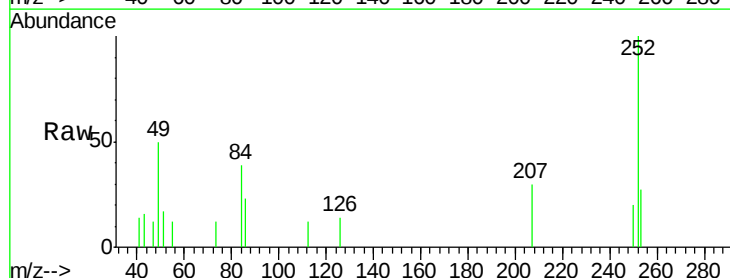
Tgt Ion:252 Resp: 6121

Ion Ratio Lower Upper

252 100

253 27.1 17.5 26.3#

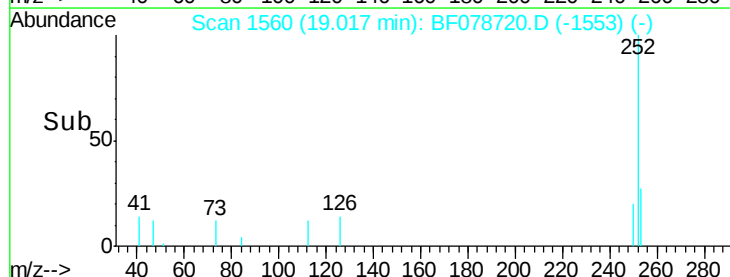
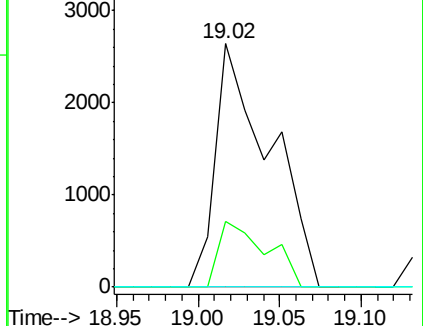
125 0.0 11.6 17.4#

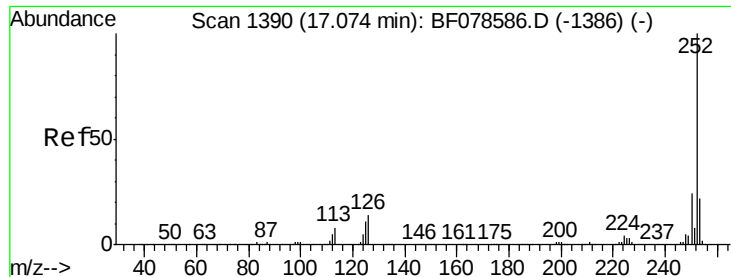


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 105.13 ng

RT: 19.38 min Scan# 1592

Delta R.T. 0.01 min

Lab File: BF078720.D

Acq: 22 Apr 2015 17:29

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FS-028

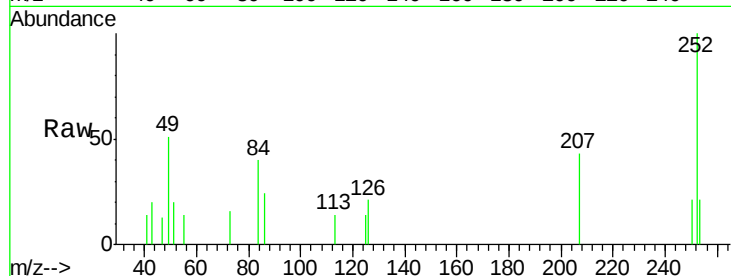
Tot Ion:252 Resp: 3805

Ion Ratio Lower Upper

252 100

253 21.5 16.8 25.2

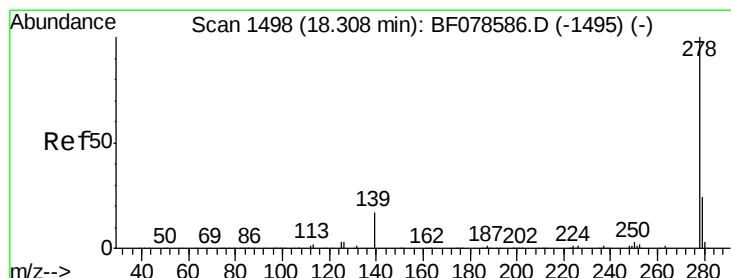
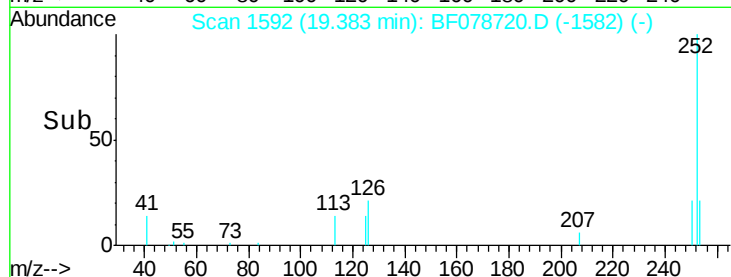
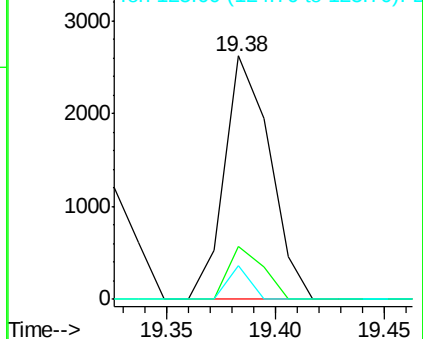
125 14.0 7.4 11.0#



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: 112.99 ng

RT: 20.64 min Scan# 1702

Delta R.T. 0.05 min

Lab File: BF078720.D

Acq: 22 Apr 2015 17:29

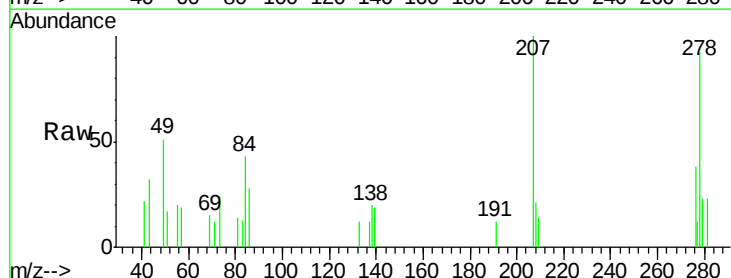
Tgt Ion:278 Resp: 4094

Ion Ratio Lower Upper

278 100

139 20.1 13.6 20.4

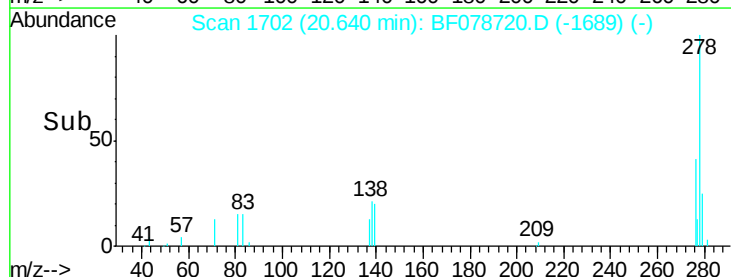
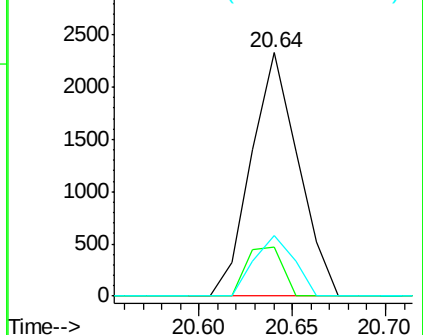
279 24.9 19.0 28.6

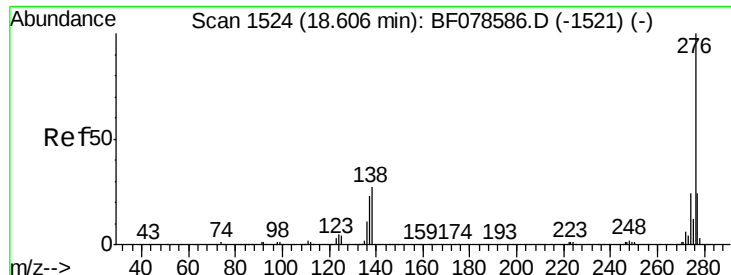


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 115.08 ng

RT: 20.93 min Scan# 1727

Delta R.T. 0.05 min

Lab File: BF078720.D

Acq: 22 Apr 2015 17:29

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FS-028

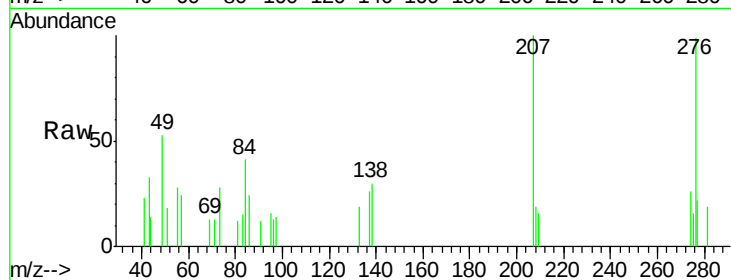
Tot Ion:276 Resp: 4181

Ion Ratio Lower Upper

276 100

277 22.6 19.0 28.4

138 30.5 19.9 29.9#



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

