

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
 Data File : BF096825.D
 Acq On : 17 Jul 2017 17:55
 Operator : SJ/JU
 Sample : I4203-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DL-SB02C

Quant Time: Jul 18 02:10:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

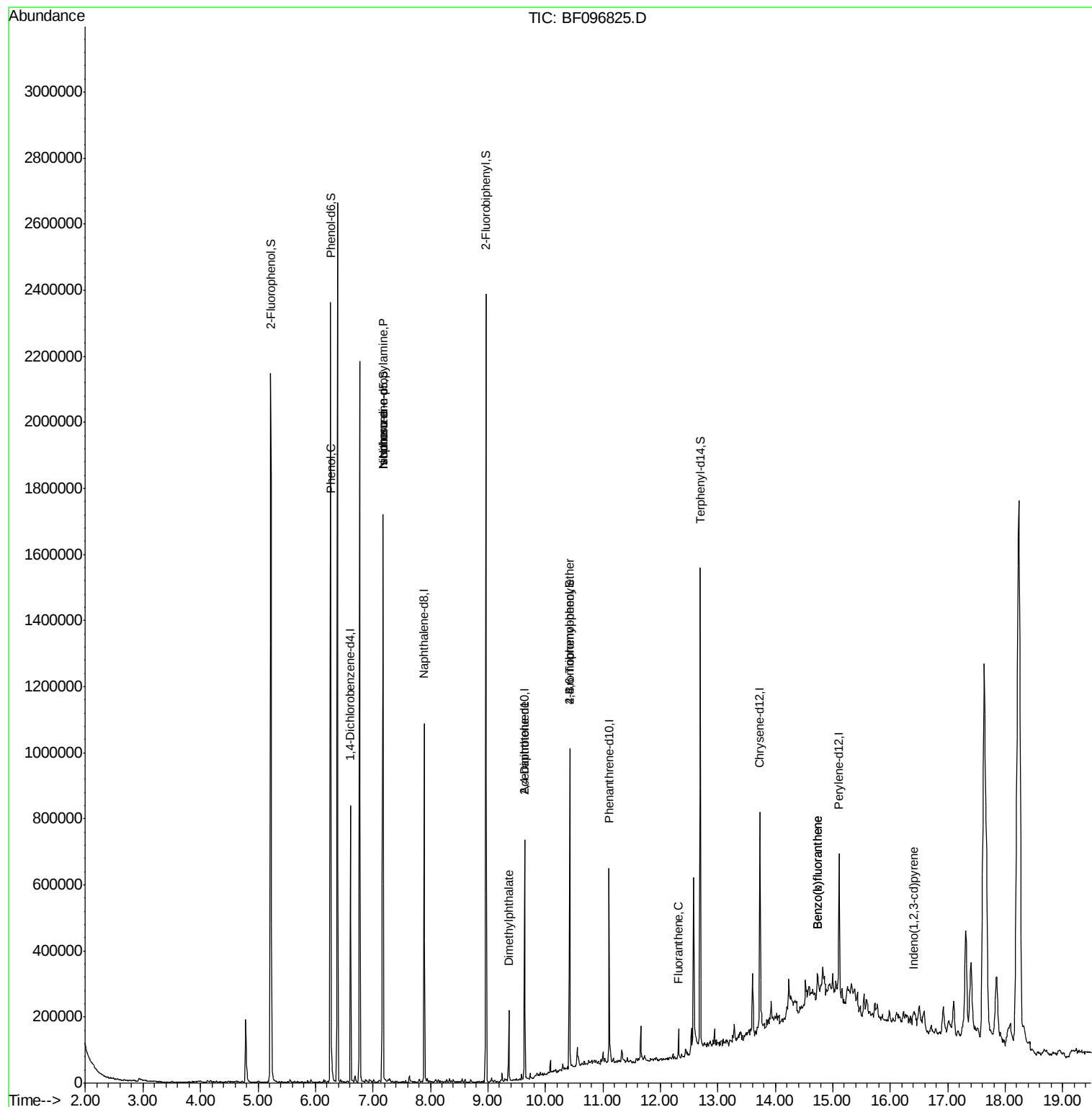
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	111762	20.00	ng	-0.02
21) Naphthalene-d8	7.89	136	446141	20.00	ng	-0.03
38) Acenaphthene-d10	9.64	164	141713	20.00	ng	-0.03
63) Phenanthrene-d10	11.11	188	187247	20.00	ng	-0.04
75) Chrysene-d12	13.73	240	218720	20.00	ng	-0.04
86) Perylene-d12	15.11	264	189018	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	647324	87.09	ng	-0.01
7) Phenol-d6	6.26	99	834739	93.58	ng	-0.02
23) Nitrobenzene-d5	7.17	82	489460	67.96	ng	-0.03
41) 2,4,6-Tribromophenol	10.42	330	104183	86.13	ng	-0.04
44) 2-Fluorobiphenyl	8.97	172	696935	77.70	ng	-0.03
78) Terphenyl-d14	12.69	244	422987	33.54	ng	-0.04
Target Compounds						
10) Phenol	6.27	94	35466	3.517	ng	94
19) n-Nitroso-di-n-propylamine	7.17	70	65525	12.193	ng	# 87
25) Isophorone	7.17	82	486090	36.278	ng	# 67
49) Dimethylphthalate	9.36	163	85947	8.055	ng	98
56) 2,4-Dinitrotoluene	9.63	165	18884	6.358	ng	# 32
66) 4-Bromophenyl-phenylether	10.42	248	6427	3.362	ng	# 1
74) Fluoranthene	12.32	202	30693	3.150	ng	99
85) Indeno(1,2,3-cd)pyrene	16.39	276	8665	4.000	ng	# 92
87) Benzo(b)fluoranthene	14.73	252	28709	2.518	ng	# 82
88) Benzo(k)fluoranthene	14.73	252	28709	2.659	ng	# 86

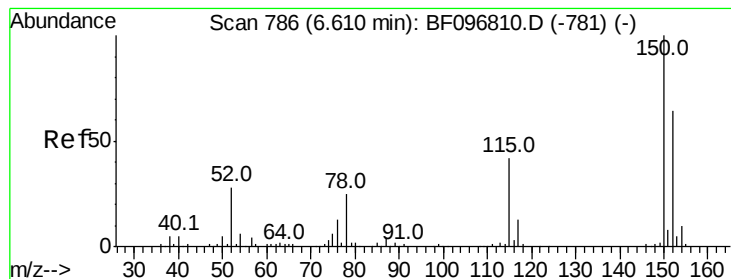
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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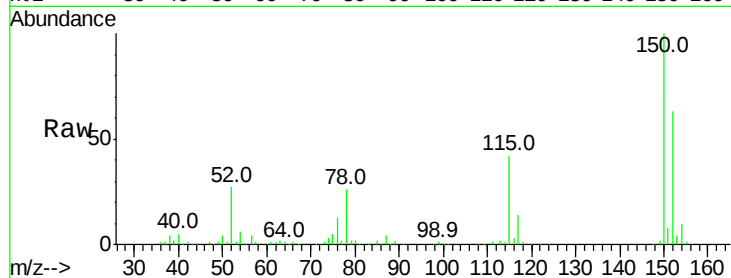


#1

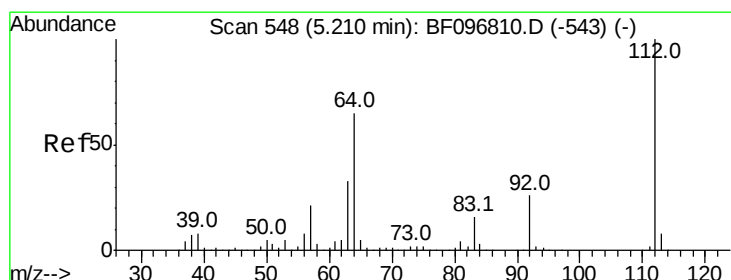
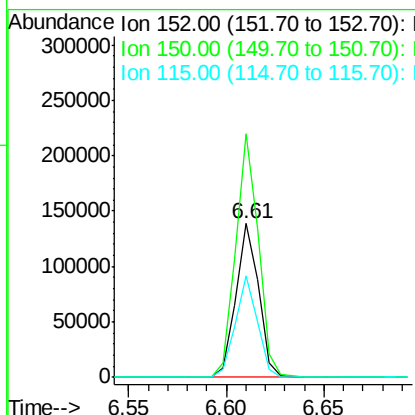
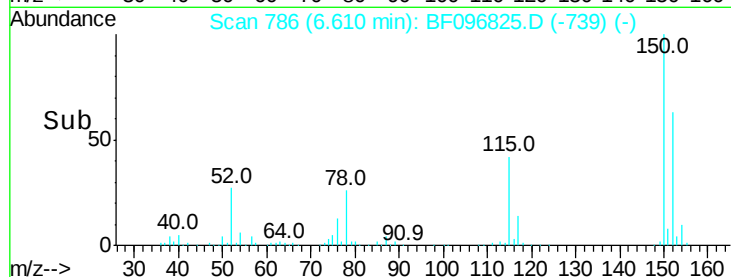
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF096825.D
Acq: 17 Jul 2017 17:55

Instrument :
BNA_F
ClientSampleId :
DL-SB02C

Tot Ion:152 Resp: 111762
Ion Ratio Lower Upper
152 100
150 158.3 126.2 189.2
115 65.7 52.2 78.2



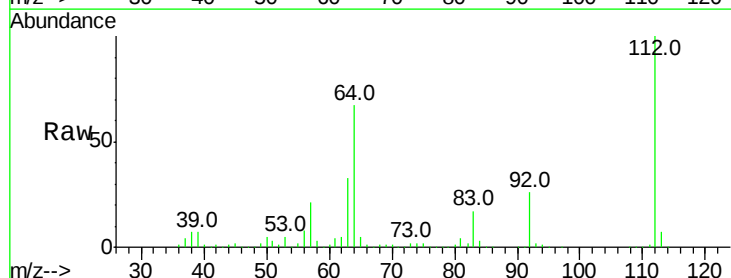
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



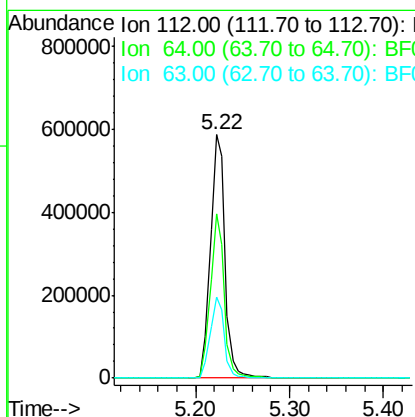
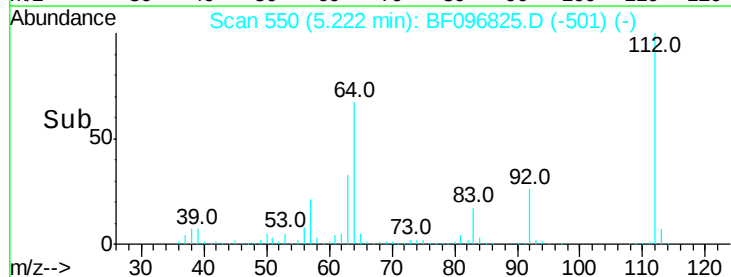
#5

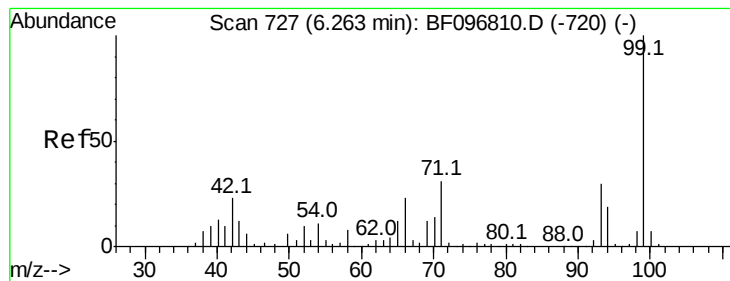
2-Fluorophenol
Concen: 87.087 ng
RT: 5.22 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF096825.D
Acq: 17 Jul 2017 17:55

Tgt Ion:112 Resp: 647324
Ion Ratio Lower Upper
112 100
64 67.2 46.0 69.0
63 33.5 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 93.582 ng

RT: 6.26 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF096825.D

Acq: 17 Jul 2017 17:55

Instrument :

BNA_F

ClientSampleId :

DL-SB02C

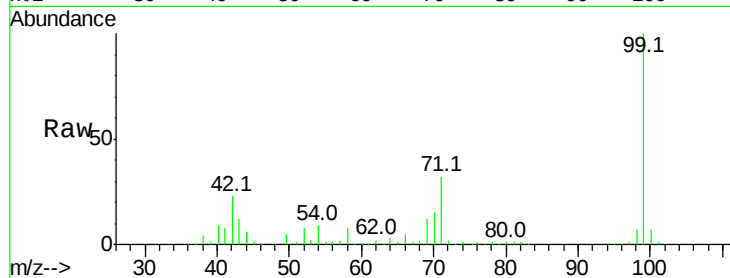
Tot Ion: 99 Resp: 834739

Ion Ratio Lower Upper

99 100

42 23.1 13.5 20.3#

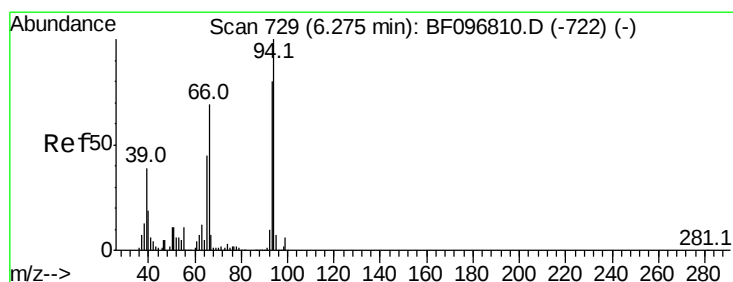
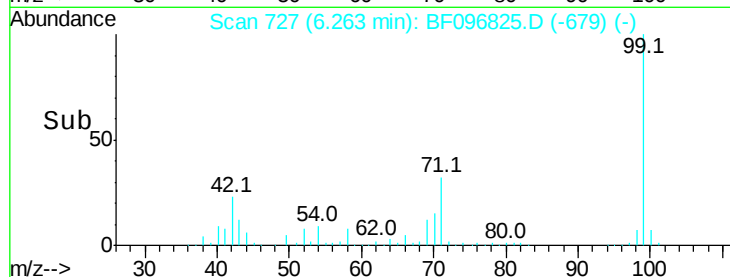
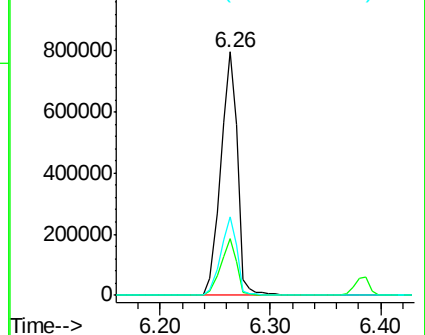
71 32.2 24.5 36.7



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



#10

Phenol

Concen: 3.517 ng

RT: 6.27 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF096825.D

Acq: 17 Jul 2017 17:55

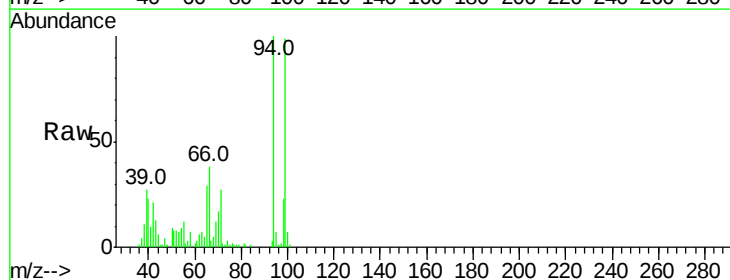
Tgt Ion: 94 Resp: 35466

Ion Ratio Lower Upper

94 100

65 28.5 9.9 49.9

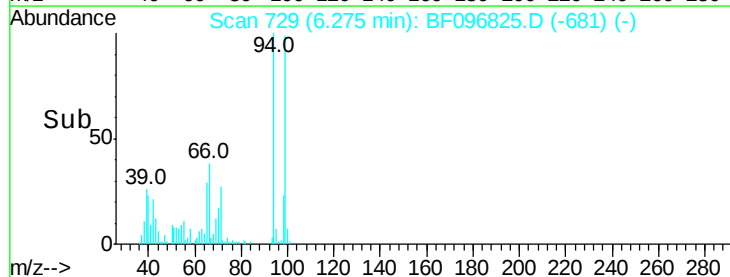
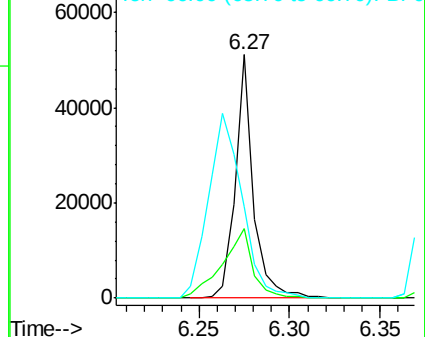
66 37.6 23.1 63.1

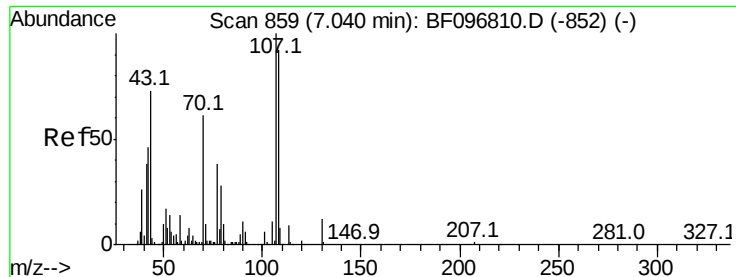


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

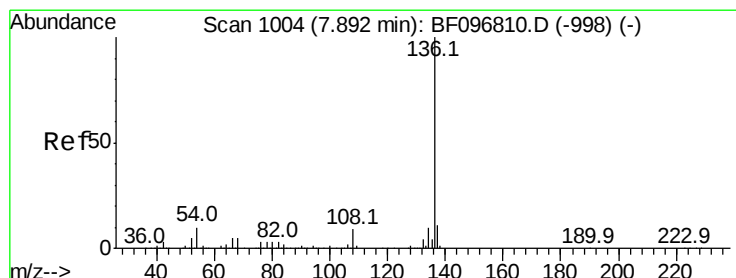
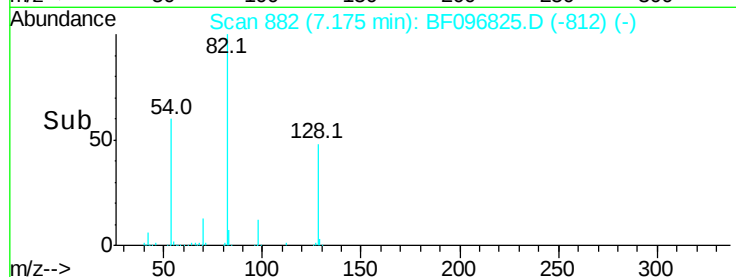
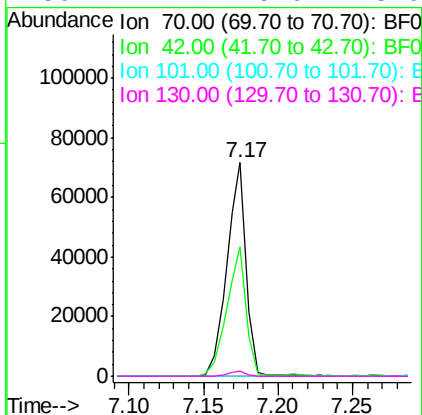
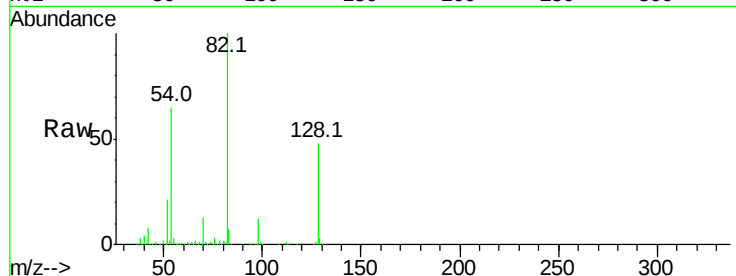




#19
n-Nitroso-di-n-propylamine
Concen: 12.193 ng
RT: 7.17 min Scan# 882
Delta R.T. 0.11 min
Lab File: BF096825.D
Acq: 17 Jul 2017 17:55

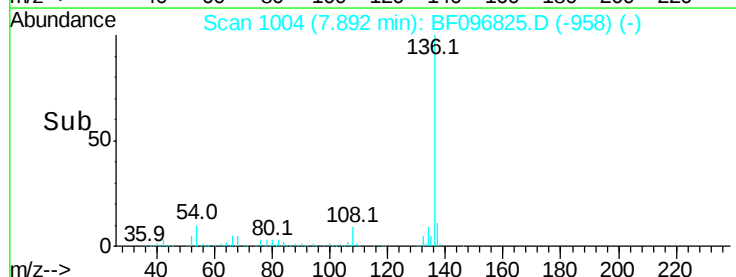
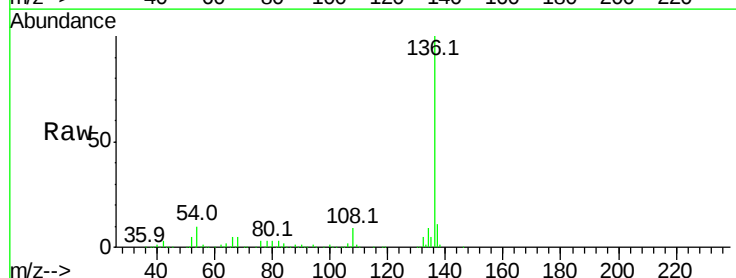
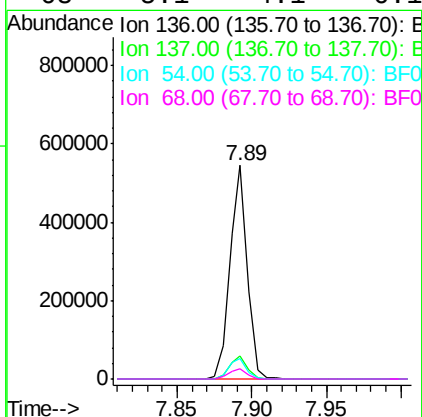
Instrument :
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DL-SB02C

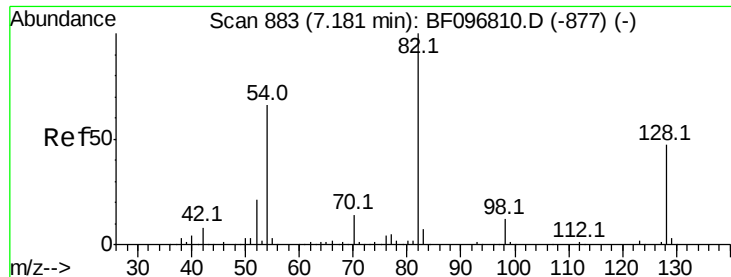
Tot Ion: 70 Resp: 65525
Ion Ratio Lower Upper
70 100
42 60.5 47.2 70.8
101 0.0 7.2 10.8#
130 2.4 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1004
Delta R.T. -0.03 min
Lab File: BF096825.D
Acq: 17 Jul 2017 17:55

Tgt Ion: 136 Resp: 446141
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 9.6 4.9 7.3#
68 5.1 4.1 6.1

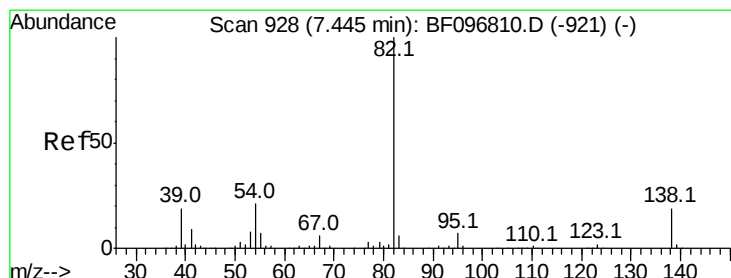
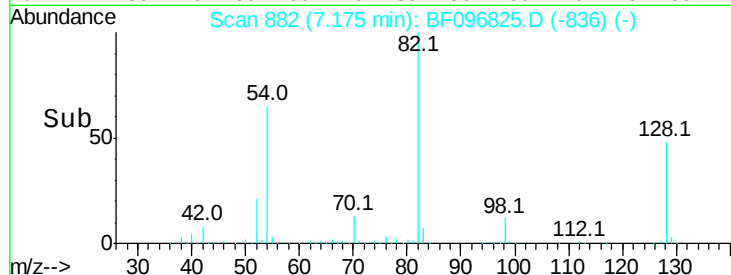
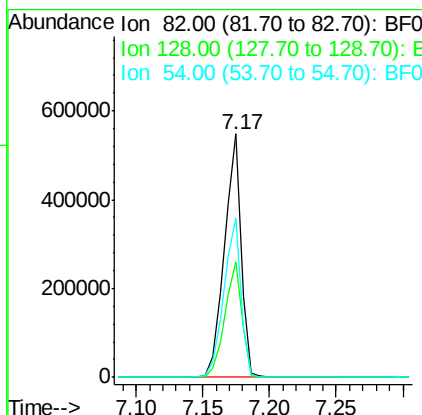
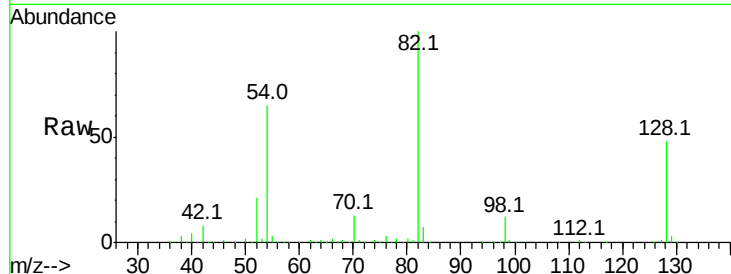




#23
 Nitrobenzene-d5
 Concen: 67.955 ng
 RT: 7.17 min Scan# 882
 Delta R.T. -0.03 min
 Lab File: BF096825.D
 Acq: 17 Jul 2017 17:55

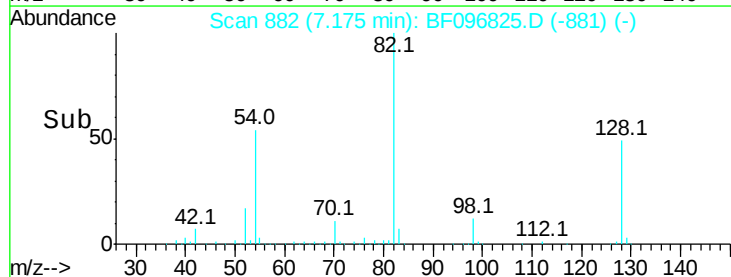
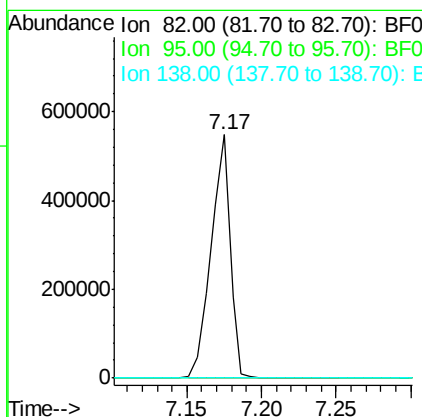
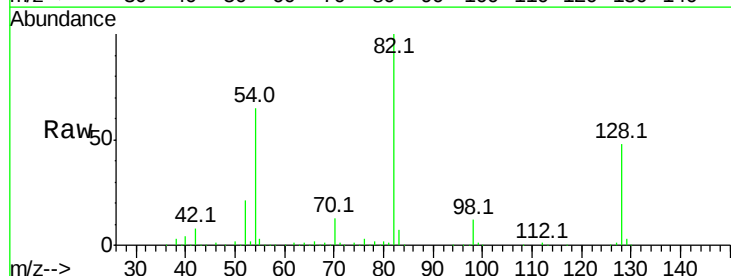
Instrument :
 BNA_F
 ClientSampleId :
 DL-SB02C

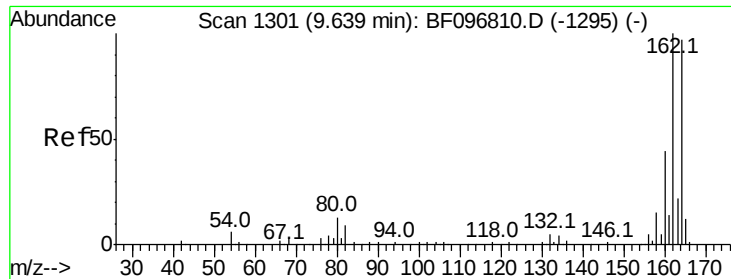
Tot Ion: 82 Resp: 489460
 Ion Ratio Lower Upper
 82 100
 128 47.6 34.0 51.0
 54 65.2 42.2 63.2#



#25
 Isophorone
 Concen: 36.278 ng
 RT: 7.17 min Scan# 882
 Delta R.T. -0.29 min
 Lab File: BF096825.D
 Acq: 17 Jul 2017 17:55

Tgt Ion: 82 Resp: 486090
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

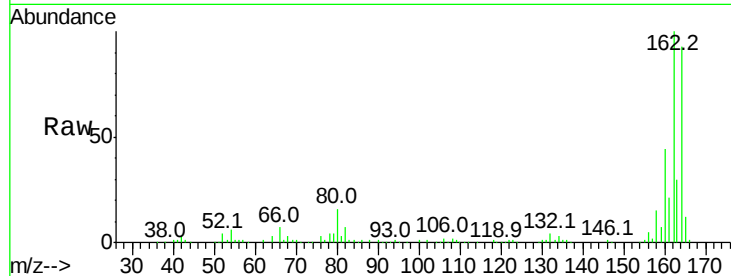




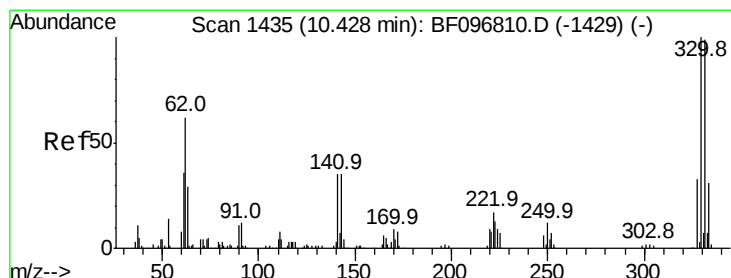
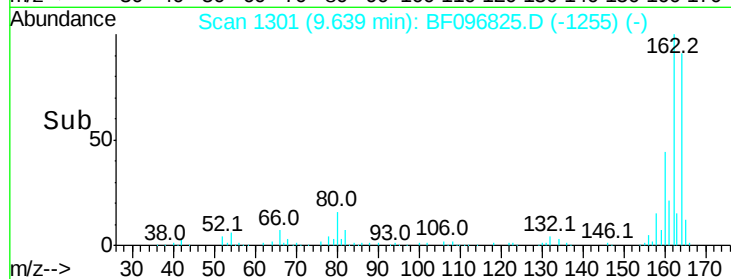
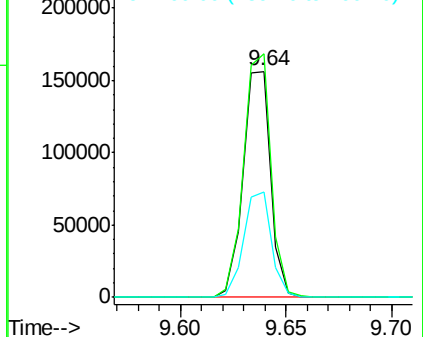
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BF096825.D
Acq: 17 Jul 2017 17:55

Instrument :
BNA_F
ClientSampleId :
DL-SB02C

Tot Ion:164 Resp: 141713
Ion Ratio Lower Upper
164 100
162 107.6 82.6 123.8
160 46.8 36.2 54.2

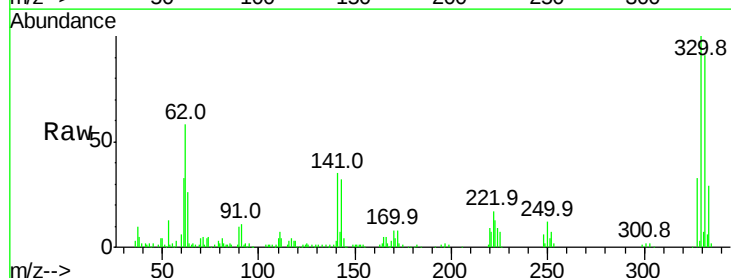


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

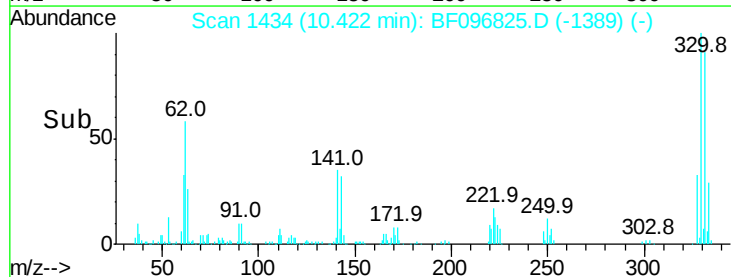
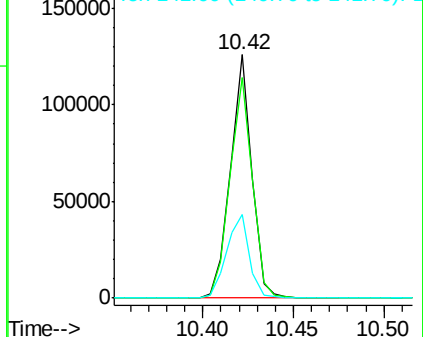


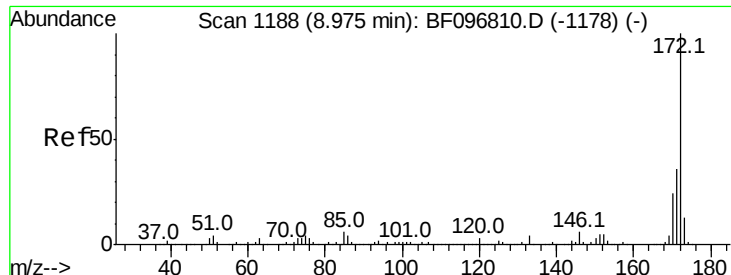
#41
2,4,6-Tribromophenol
Concen: 86.127 ng
RT: 10.42 min Scan# 1434
Delta R.T. -0.04 min
Lab File: BF096825.D
Acq: 17 Jul 2017 17:55

Tgt Ion:330 Resp: 104183
Ion Ratio Lower Upper
330 100
332 95.0 76.6 115.0
141 37.0 31.4 47.2



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: 77.699 ng

RT: 8.97 min Scan# 1187

Delta R.T. -0.03 min

Lab File: BF096825.D

Acq: 17 Jul 2017 17:55

Instrument :

BNA_F

ClientSampleId :

DL-SB02C

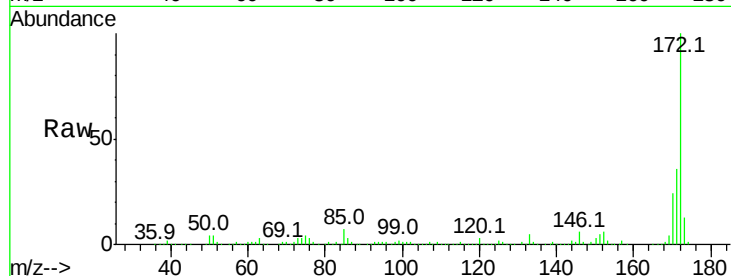
Tot Ion:172 Resp: 696935

Ion Ratio Lower Upper

172 100

171 35.7 29.6 44.4

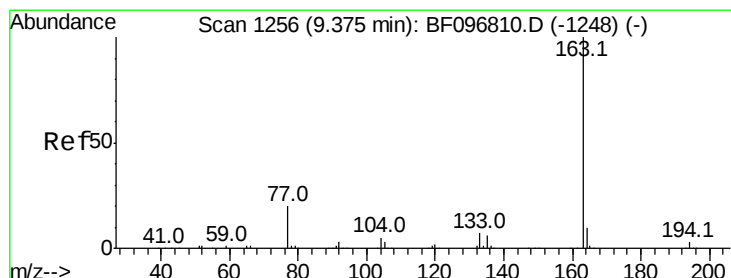
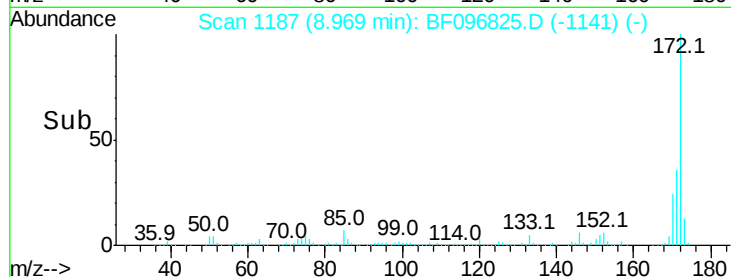
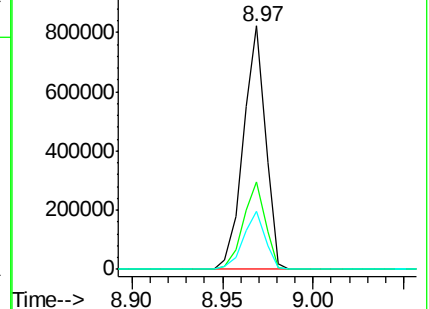
170 23.9 19.8 29.8



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



#49

Dimethylphthalate

Concen: 8.055 ng

RT: 9.36 min Scan# 1254

Delta R.T. -0.04 min

Lab File: BF096825.D

Acq: 17 Jul 2017 17:55

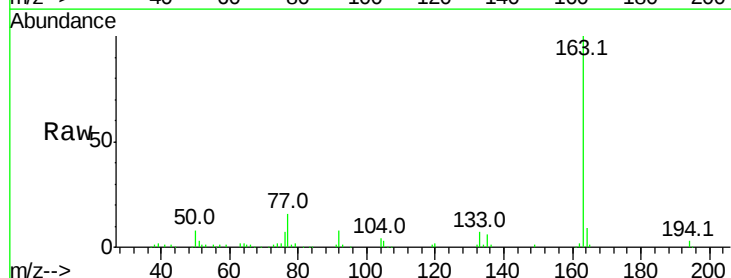
Tgt Ion:163 Resp: 85947

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

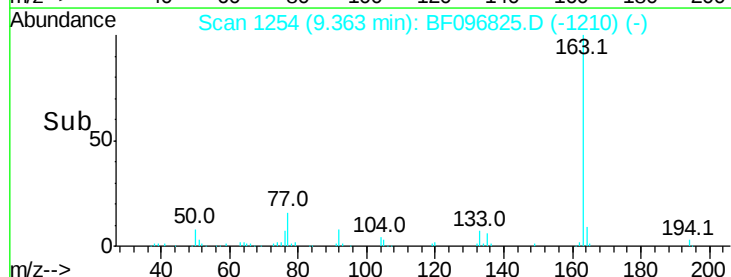
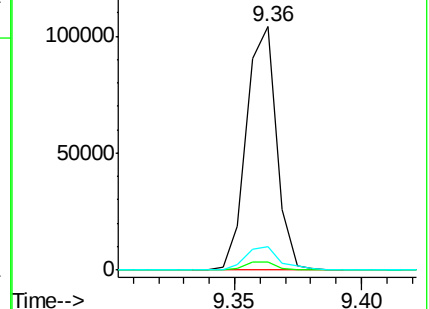
164 9.4 8.4 12.6

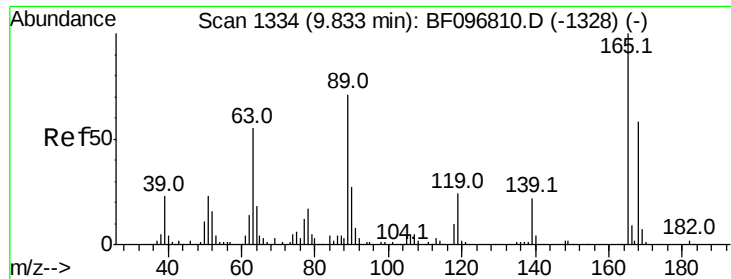


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

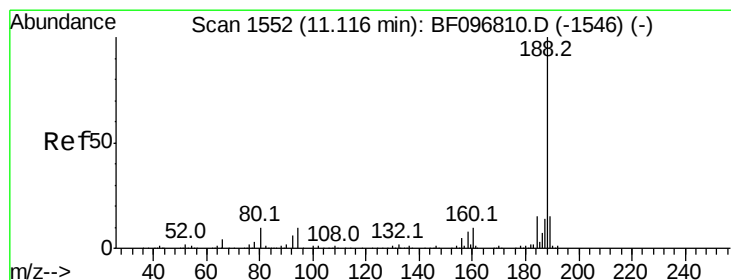
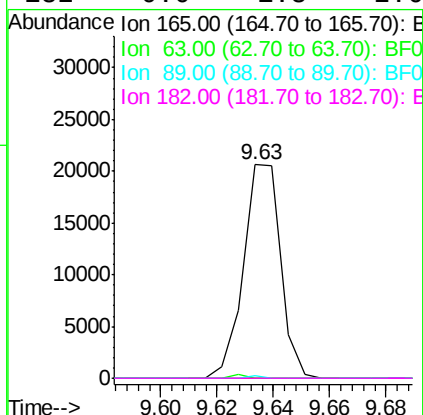
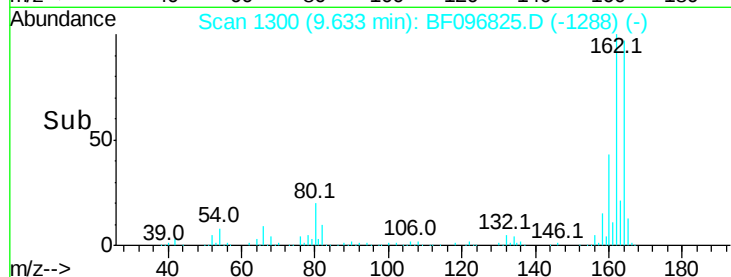
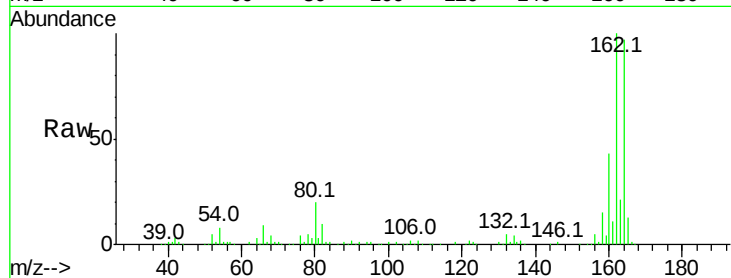




#56
 2,4-Dinitrotoluene
 Concen: 6.358 ng
 RT: 9.63 min Scan# 1300
 Delta R.T. -0.23 min
 Lab File: BF096825.D
 Acq: 17 Jul 2017 17:55

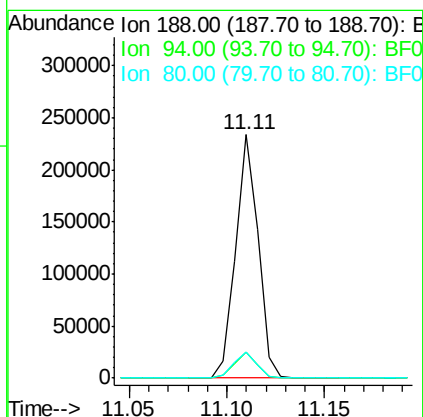
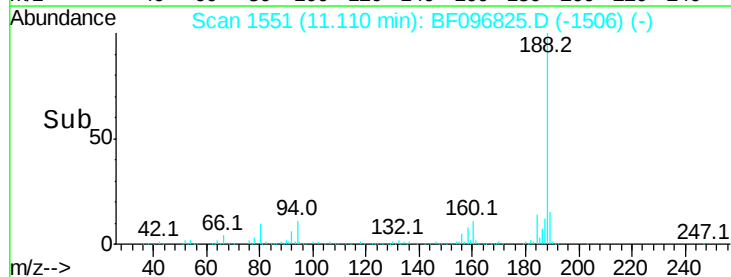
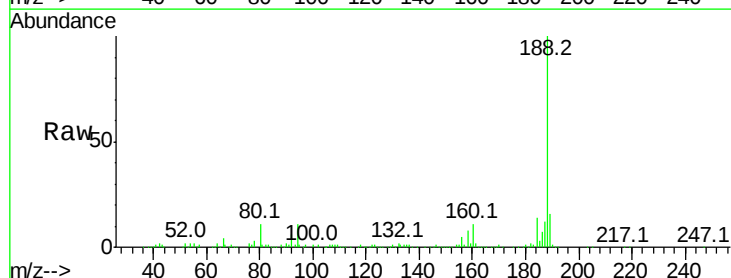
Instrument :
 BNA_F
 ClientSampleId :
 DL-SB02C

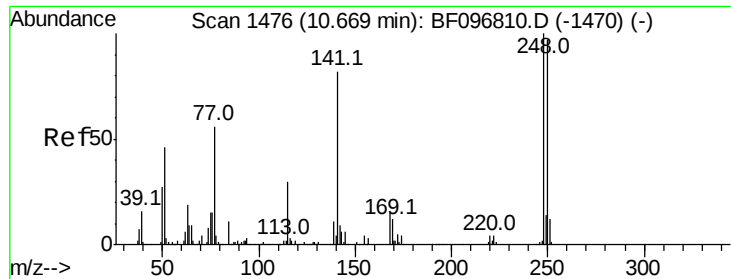
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.11 min Scan# 1551
 Delta R.T. -0.04 min
 Lab File: BF096825.D
 Acq: 17 Jul 2017 17:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	10.5	10.2	15.2

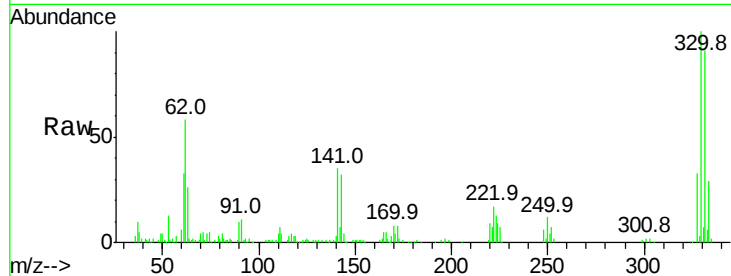




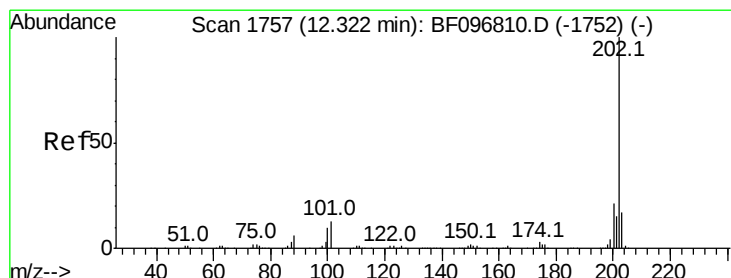
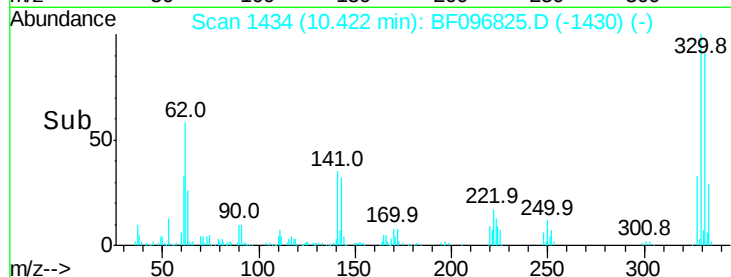
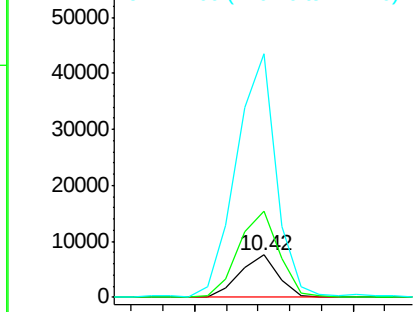
#66
 4-Bromophenyl-phenylether
 Concen: 3.362 ng
 RT: 10.42 min Scan# 1434
 Delta R.T. -0.28 min
 Lab File: BF096825.D
 Acq: 17 Jul 2017 17:55

Instrument :
 BNA_F
 ClientSampleId :
 DL-SB02C

Tot Ion:248 Resp: 6427
 Ion Ratio Lower Upper
 248 100
 250 203.6 76.8 115.2#
 141 578.4 68.6 103.0#

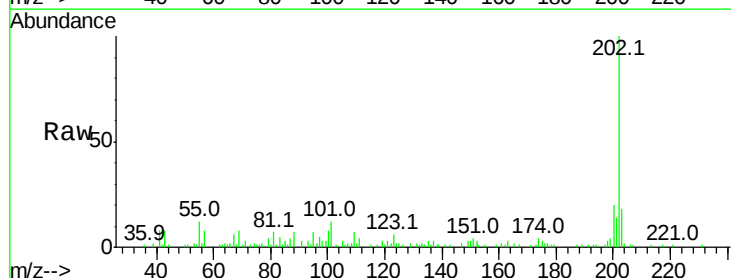


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

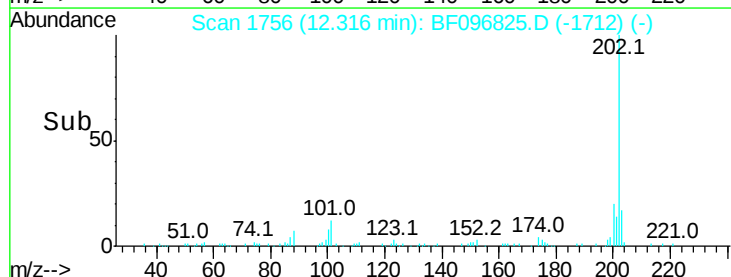
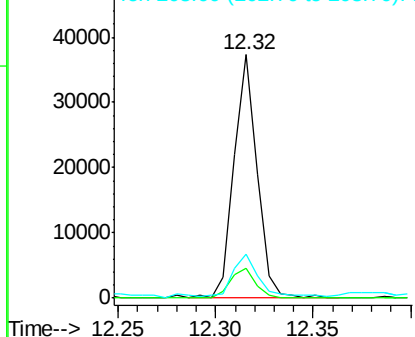


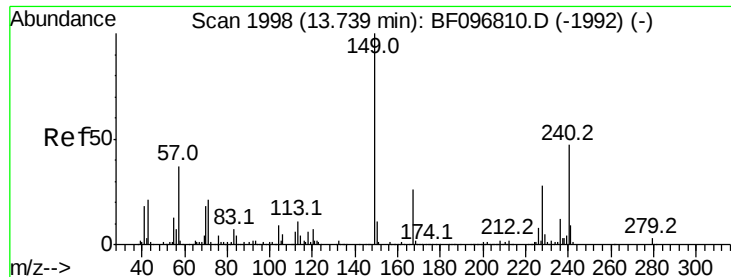
#74
 Fluoranthene
 Concen: 3.150 ng
 RT: 12.32 min Scan# 1756
 Delta R.T. -0.04 min
 Lab File: BF096825.D
 Acq: 17 Jul 2017 17:55

Tgt Ion:202 Resp: 30693
 Ion Ratio Lower Upper
 202 100
 101 12.3 0.0 33.2
 203 18.3 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.73 min Scan# 1997

Delta R.T. -0.04 min

Lab File: BF096825.D

Acq: 17 Jul 2017 17:55

Instrument :

BNA_F

ClientSampleId :

DL-SB02C

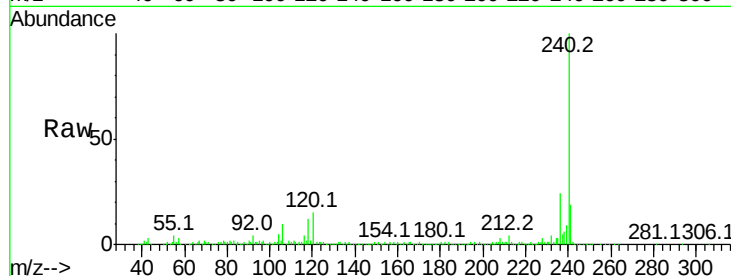
Tot Ion:240 Resp: 218720

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

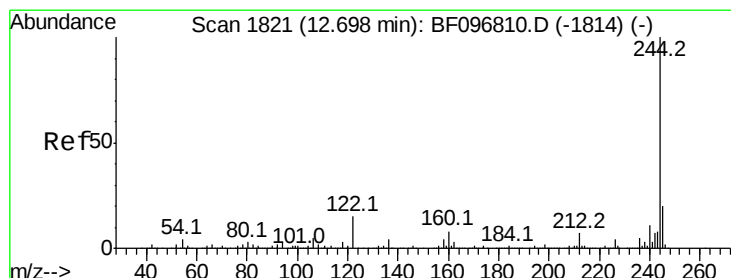
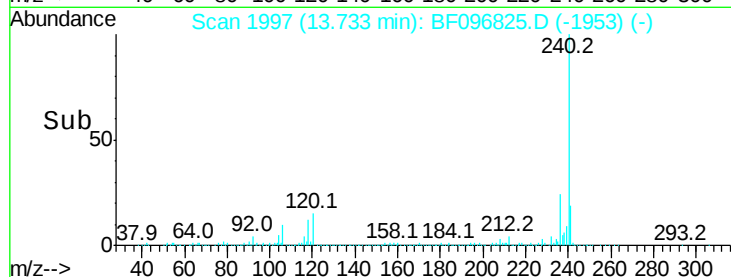
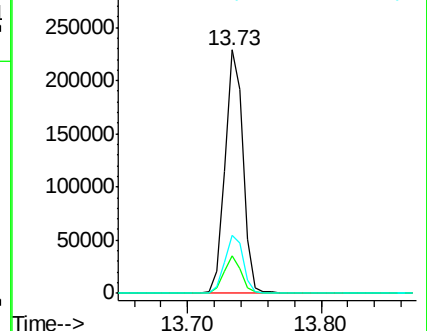
236 23.9 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 33.539 ng

RT: 12.69 min Scan# 1820

Delta R.T. -0.04 min

Lab File: BF096825.D

Acq: 17 Jul 2017 17:55

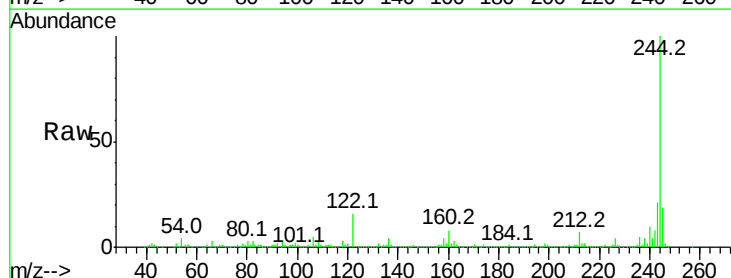
Tgt Ion:244 Resp: 422987

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

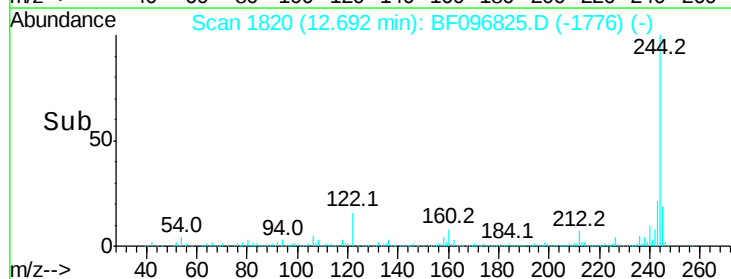
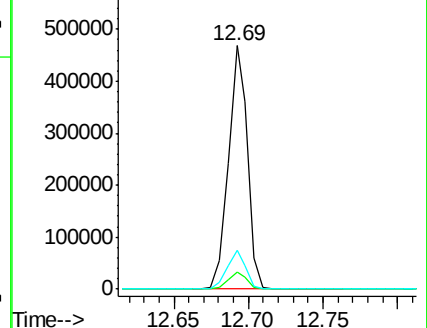
122 15.7 10.3 15.5#

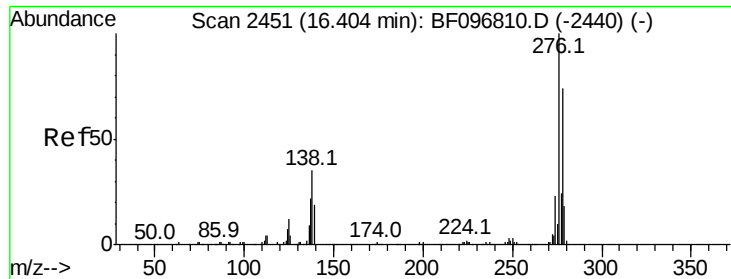


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

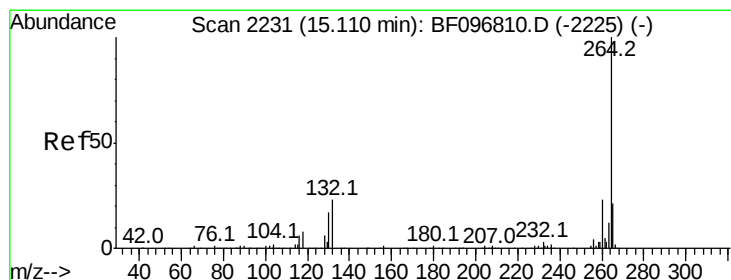
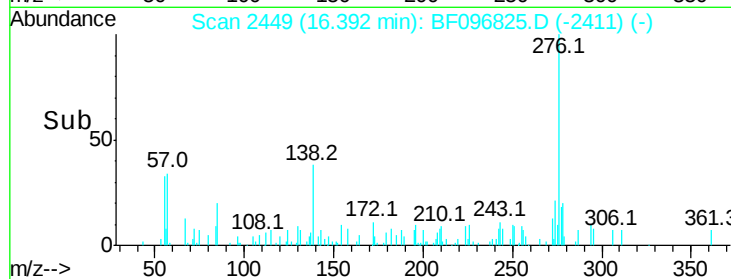
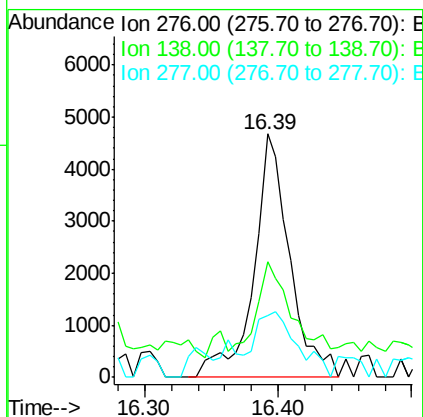
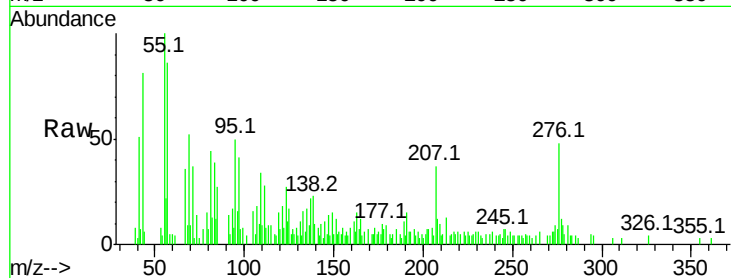




#85
Indeno(1,2,3-cd)pyrene
Concen: 4.000 ng
RT: 16.39 min Scan# 2449
Delta R.T. -0.08 min
Lab File: BF096825.D
Acq: 17 Jul 2017 17:55

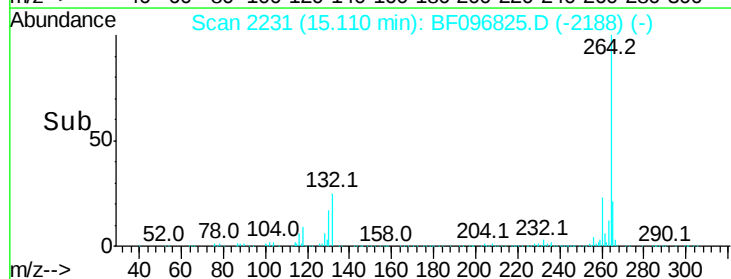
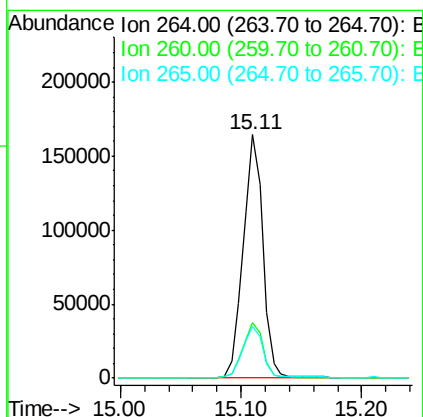
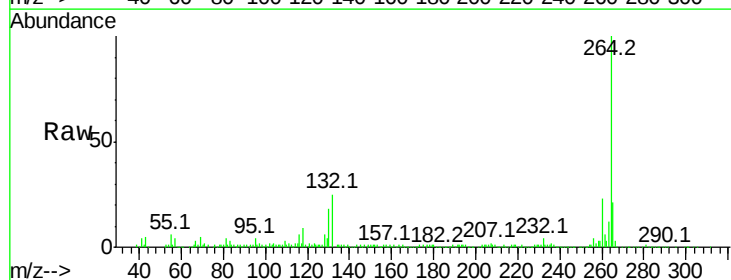
Instrument :
BNA_F
ClientSampleId :
DL-SB02C

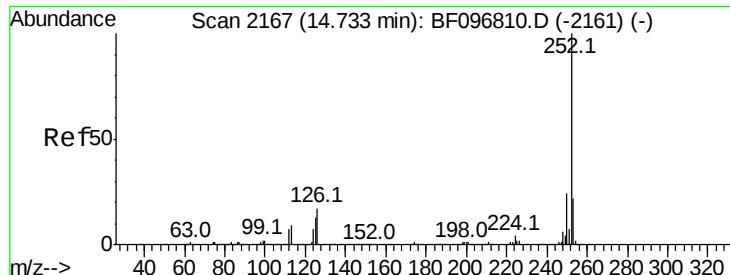
Tot Ion:276 Resp: 8665
Ion Ratio Lower Upper
276 100
138 31.3 27.8 41.6
277 31.1 20.2 30.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.11 min Scan# 2231
Delta R.T. -0.05 min
Lab File: BF096825.D
Acq: 17 Jul 2017 17:55

Tgt Ion:264 Resp: 189018
Ion Ratio Lower Upper
264 100
260 22.8 19.5 29.3
265 21.4 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 2.518 ng

RT: 14.73 min Scan# 2167

Delta R.T. -0.04 min

Lab File: BF096825.D

Acq: 17 Jul 2017 17:55

Instrument :

BNA_F

ClientSampleId :

DL-SB02C

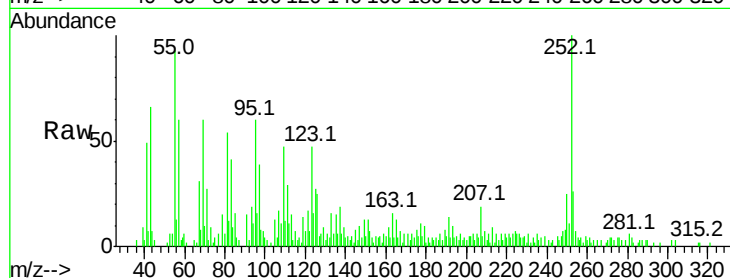
Tot Ion:252 Resp: 28709

Ion Ratio Lower Upper

252 100

253 26.2 18.1 27.1

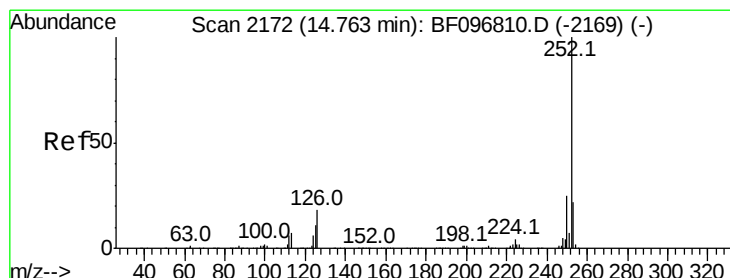
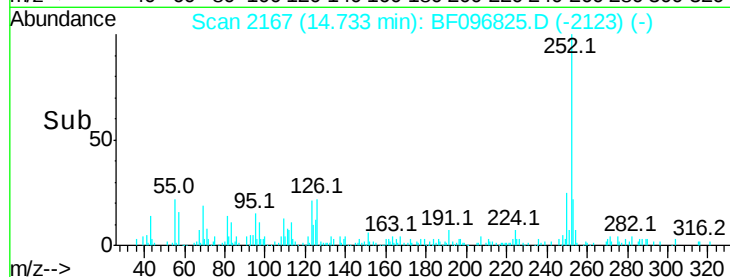
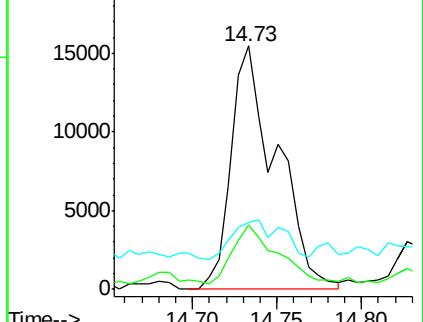
125 27.3 9.8 14.8#



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: 2.659 ng

RT: 14.73 min Scan# 2167

Delta R.T. -0.06 min

Lab File: BF096825.D

Acq: 17 Jul 2017 17:55

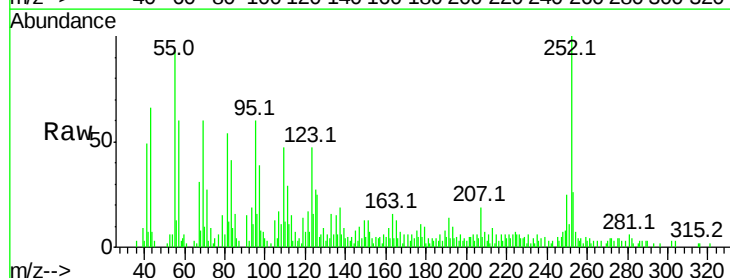
Tgt Ion:252 Resp: 28709

Ion Ratio Lower Upper

252 100

253 26.2 18.4 27.6

125 27.3 13.1 19.7#



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

