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 Data File : BF100090.D
 Acq On : 2 Nov 2017 17:39
 Operator : SJ/JU
 Sample : I6233-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 18:57:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

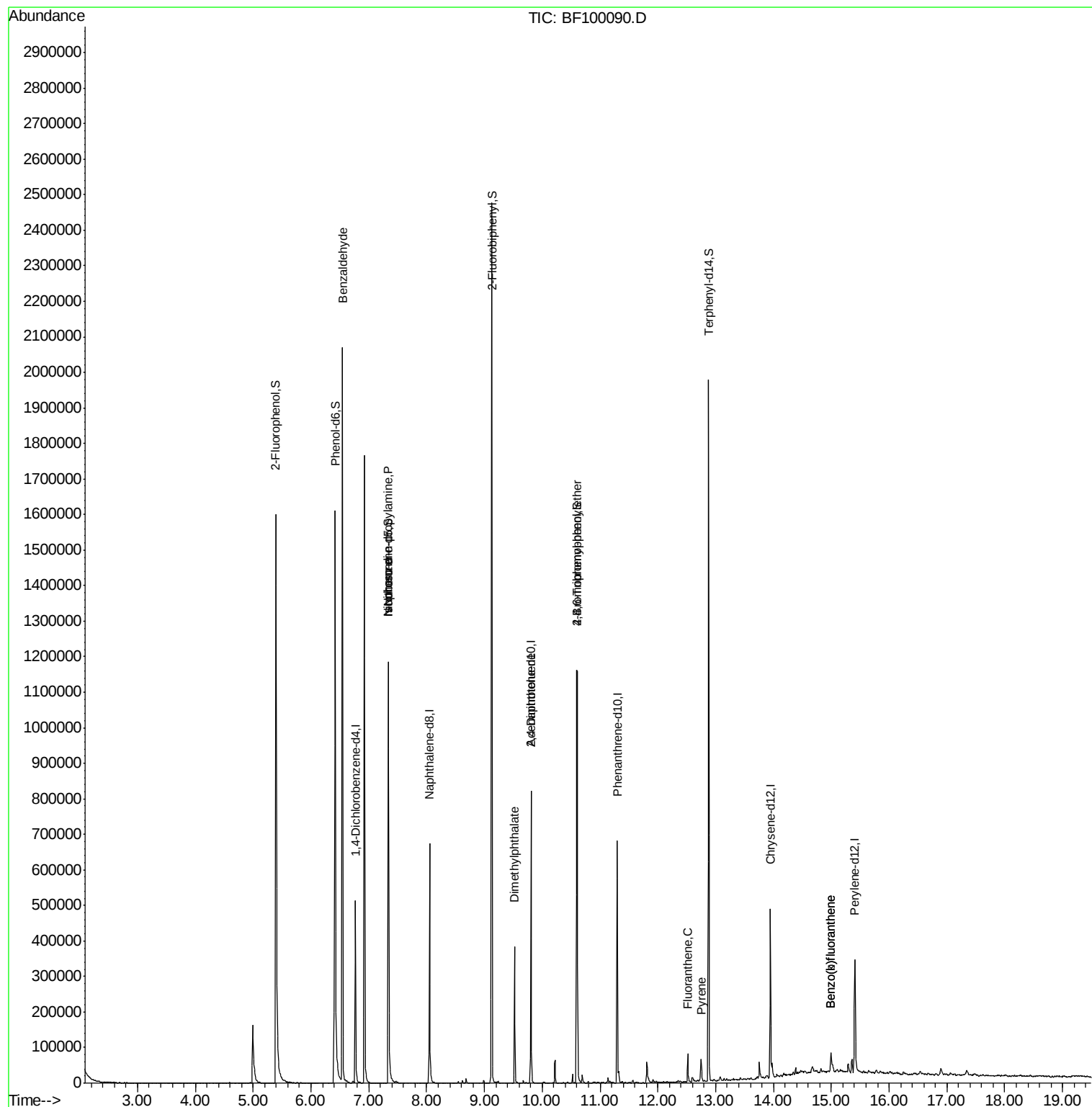
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	86483	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	339681	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	151338	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	250668	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	152306	20.00	ng	-0.03
86) Perylene-d12	15.41	264	154296	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	654207	118.76	ng	0.00
7) Phenol-d6	6.42	99	788391	120.70	ng	0.00
23) Nitrobenzene-d5	7.34	82	442527	83.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	164735	119.45	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	874290	89.13	ng	0.00
78) Terphenyl-d14	12.88	244	623353	89.44	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.55	77	11488	2.943	ng	89
19) n-Nitroso-di-n-propylamine	7.34	70	54280	14.181	ng	# 71
25) Isophorone	7.34	82	442527	46.222	ng	# 64
49) Dimethylphthalate	9.52	163	156846	13.087	ng	98
56) 2,4-Dinitrotoluene	9.80	165	18997	6.261	ng	# 21
66) 4-Bromophenyl-phenylether	10.60	248	10922	4.139	ng	# 1
74) Fluoranthene	12.52	202	32104	2.184	ng	96
77) Pyrene	12.75	202	28055	2.422	ng	98
87) Benzo(b)fluoranthene	14.99	252	28699	2.946	ng	# 95
88) Benzo(k)fluoranthene	14.99	252	28699	3.124	ng	# 96

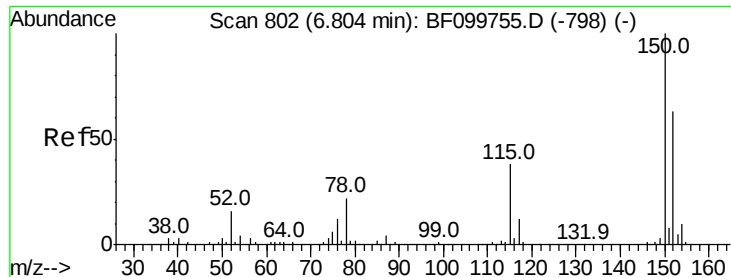
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
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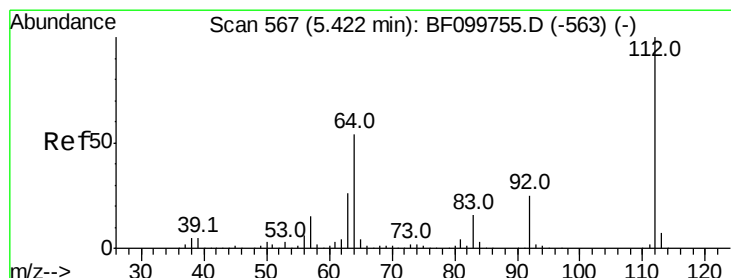
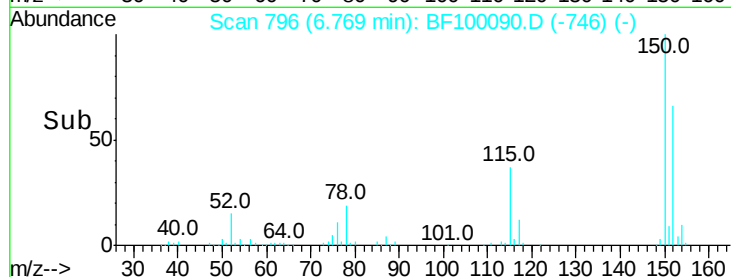
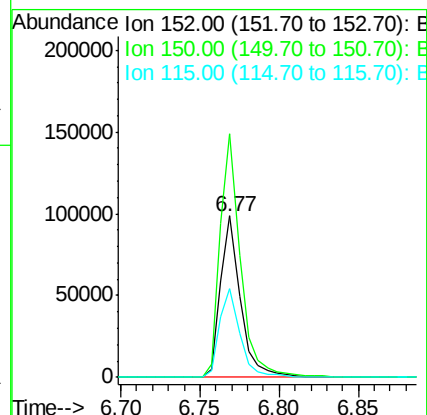
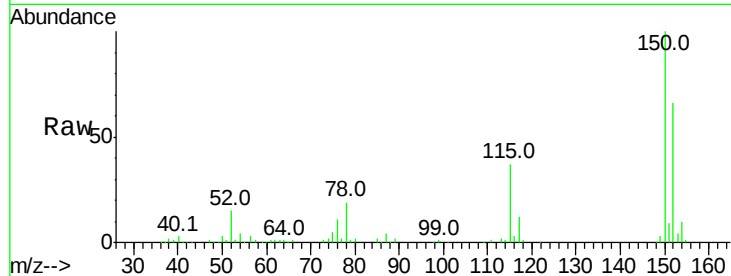


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF100090.D
Acq: 2 Nov 2017 17:39

Instrument :
BNA_F
ClientSampleId :

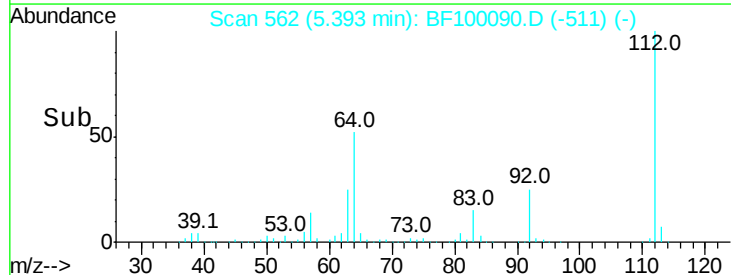
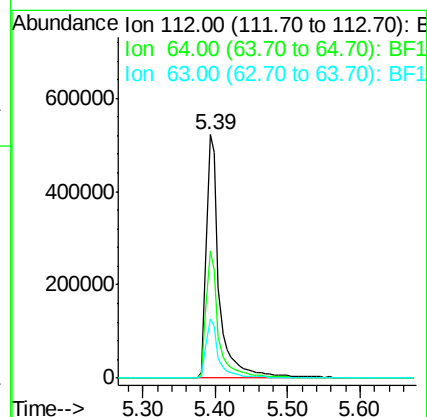
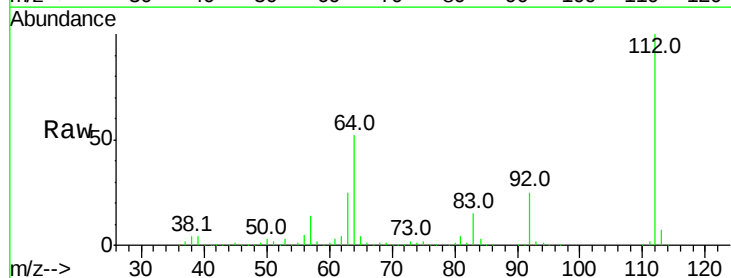
Tot Ion:152 Resp: 86483
Ion Ratio Lower Upper
152 100
150 150.9 124.6 186.8
115 55.2 50.1 75.1

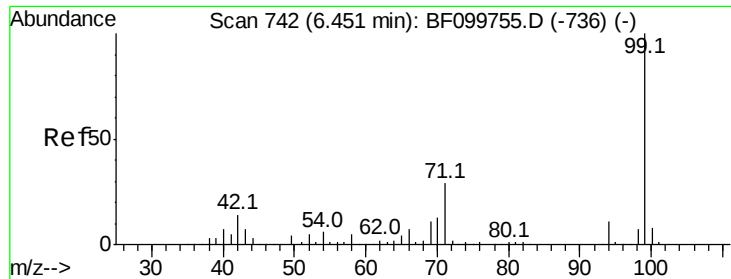


#5

2-Fluorophenol
Concen: 118.761 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF100090.D
Acq: 2 Nov 2017 17:39

Tgt Ion:112 Resp: 654207
Ion Ratio Lower Upper
112 100
64 52.1 47.9 71.9
63 24.6 23.7 35.5





#7

Phenol-d6

Concen: 120.703 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100090.D

Acq: 2 Nov 2017 17:39

Instrument :

BNA_F

ClientSampleId :

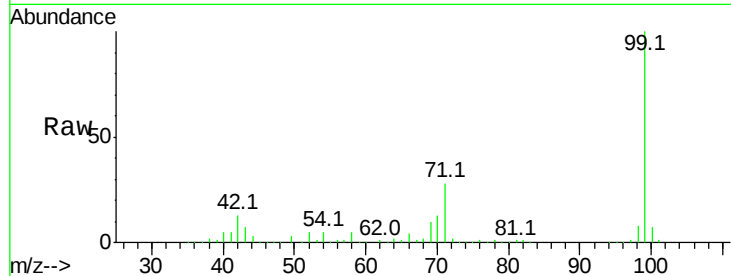
Tot Ion: 99 Resp: 788391

Ion Ratio Lower Upper

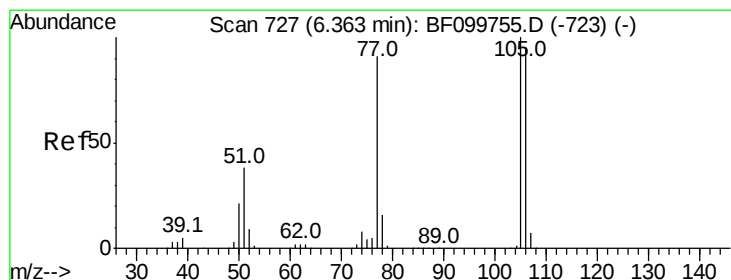
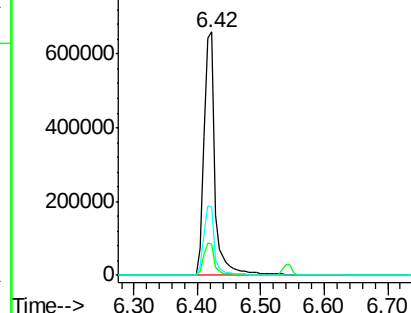
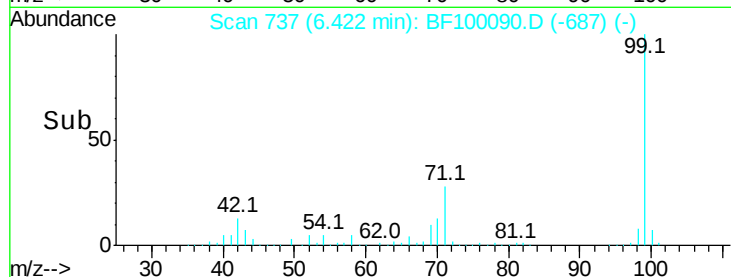
99 100

42 12.7 14.5 21.7#

71 28.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.943 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.21 min

Lab File: BF100090.D

Acq: 2 Nov 2017 17:39

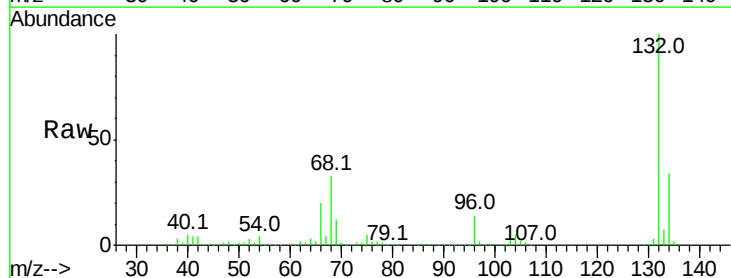
Tgt Ion: 77 Resp: 11488

Ion Ratio Lower Upper

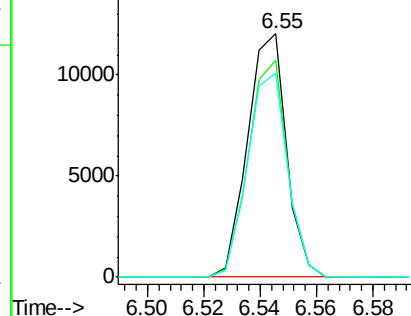
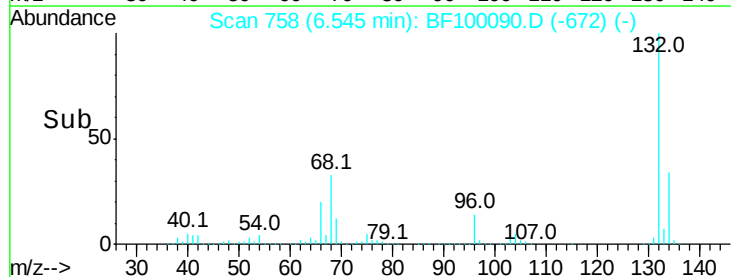
77 100

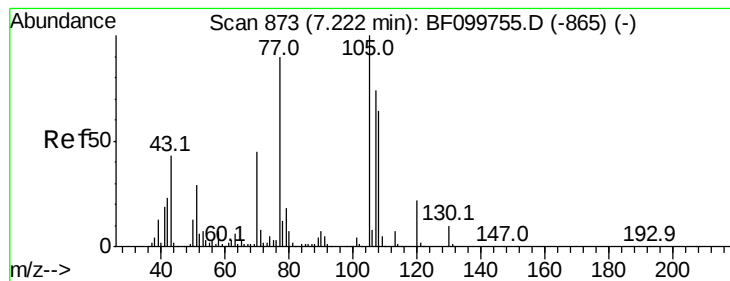
105 89.1 81.1 121.1

106 83.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 14.181 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.15 min

Lab File: BF100090.D

Acq: 2 Nov 2017 17:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 54280

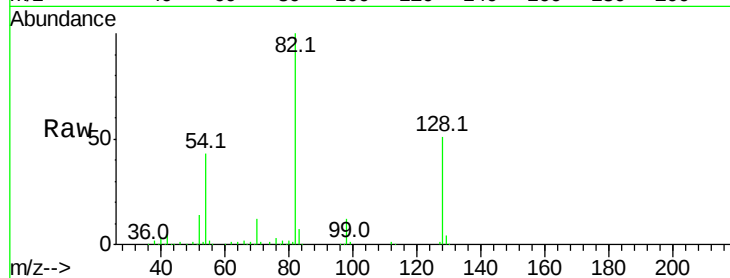
Ion Ratio Lower Upper

70 100

42 40.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#



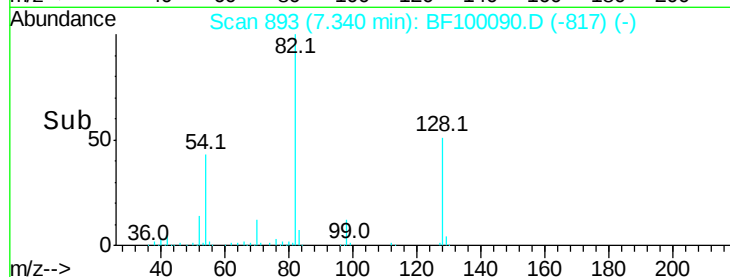
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

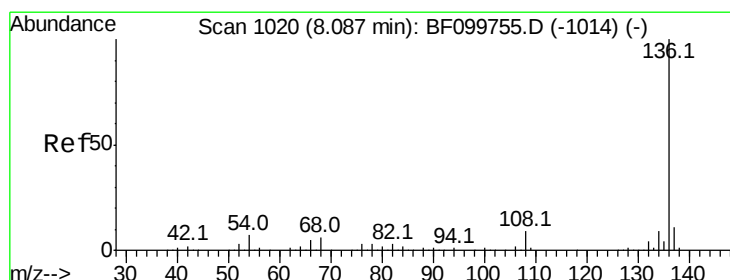
Ion 130.00 (129.70 to 130.70): BF1

Time-->



Abundance

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF100090.D

Acq: 2 Nov 2017 17:39

Tgt Ion: 136 Resp: 339681

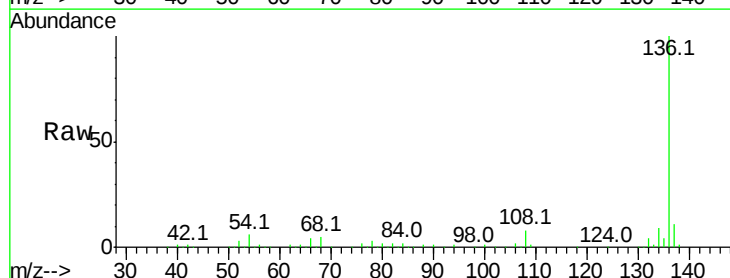
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.2 6.6 9.8#

68 5.1 5.0 7.4



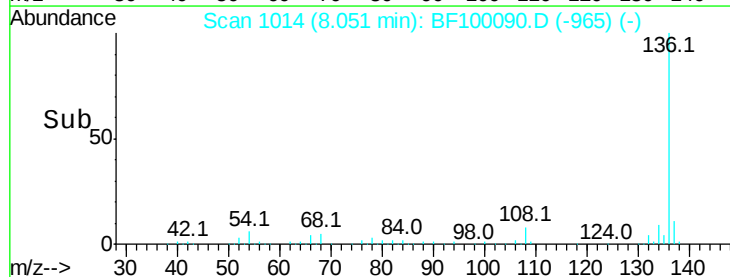
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

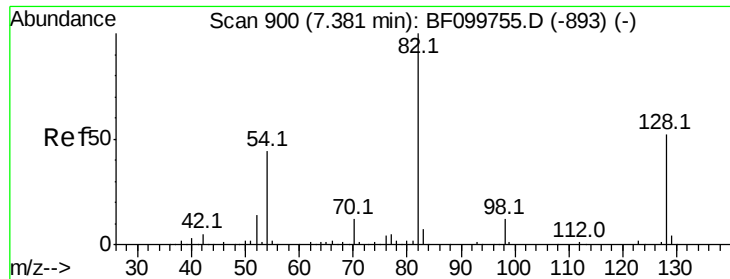
Ion 68.00 (67.70 to 68.70): BF1

Time-->



Abundance

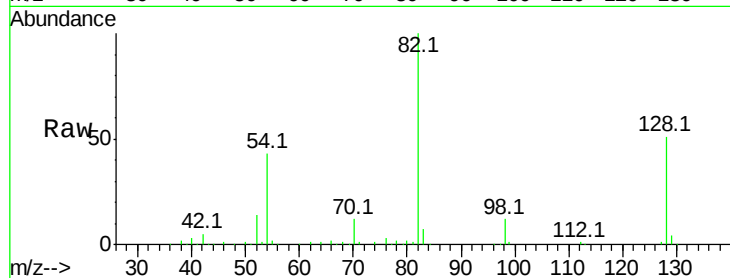
Time-->



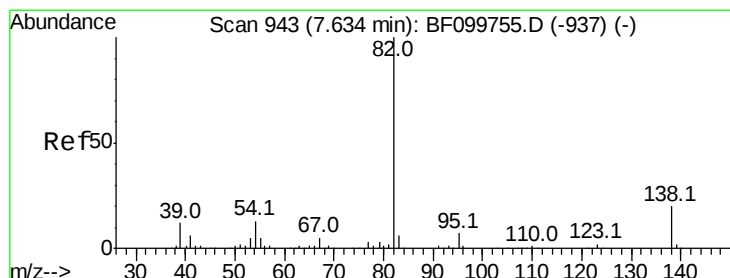
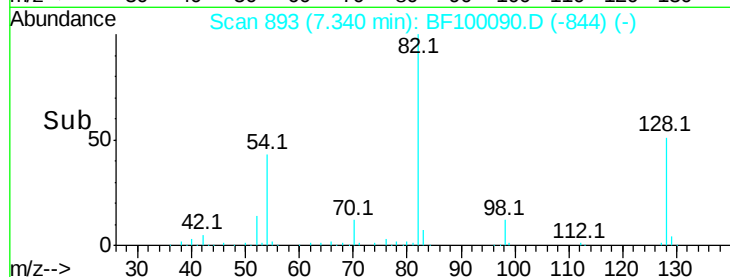
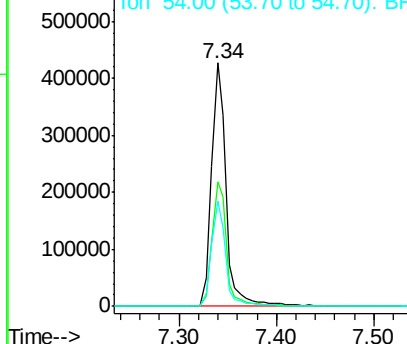
#23
Nitrobenzene-d5
Concen: 83.873 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100090.D
Acq: 2 Nov 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 442527
Ion Ratio Lower Upper
82 100
128 51.0 36.1 54.1
54 43.4 41.4 62.2

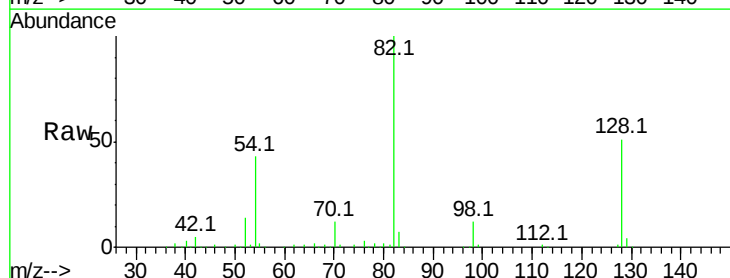


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

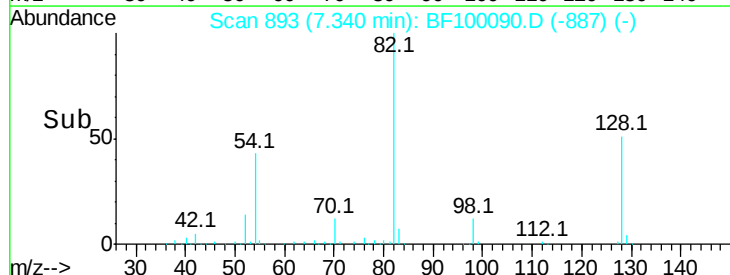
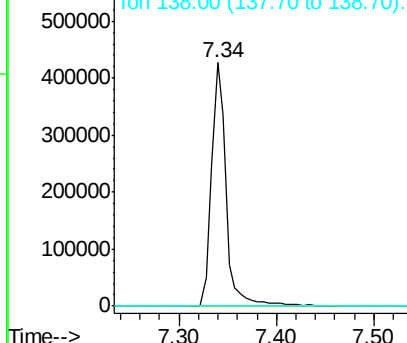


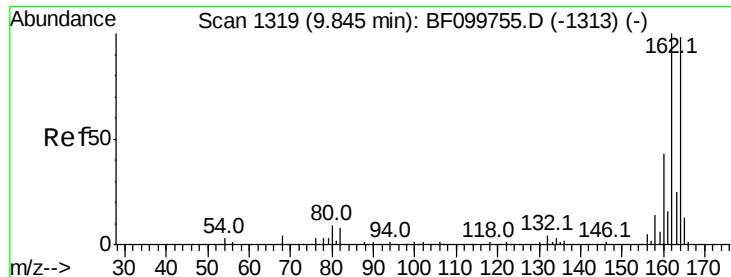
#25
Isophorone
Concen: 46.222 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.26 min
Lab File: BF100090.D
Acq: 2 Nov 2017 17:39

Tgt Ion: 82 Resp: 442527
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

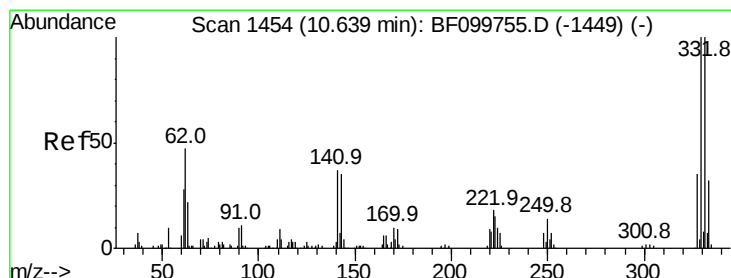
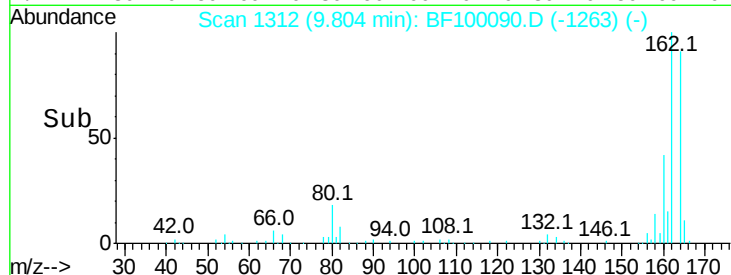
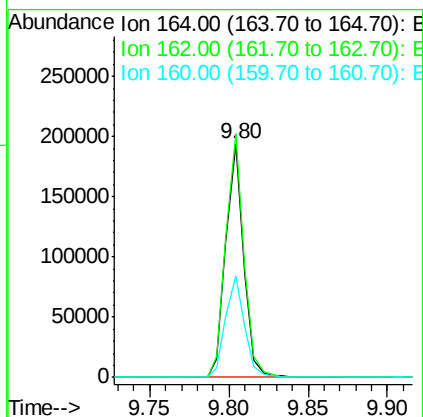
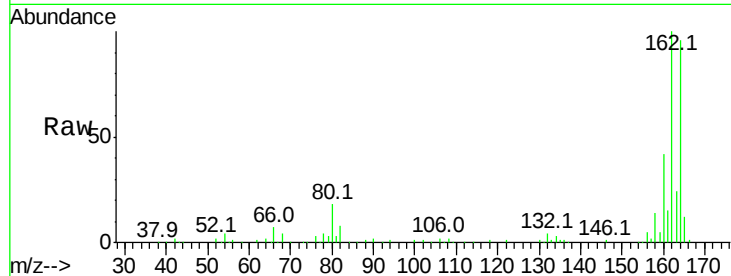




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF100090.D
 Acq: 2 Nov 2017 17:39

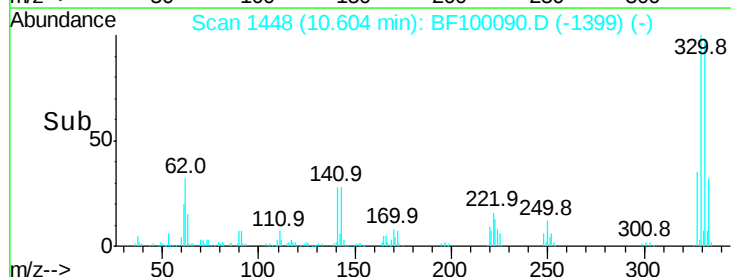
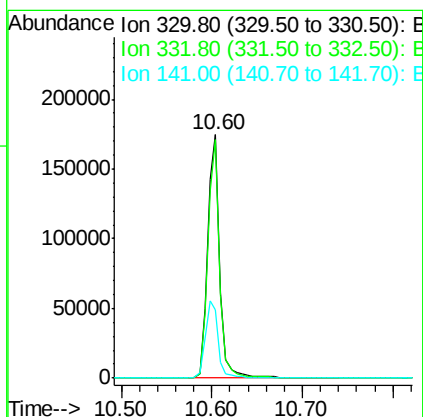
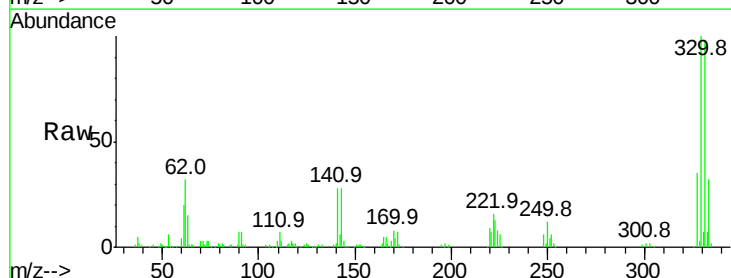
Instrument :
 BNA_F
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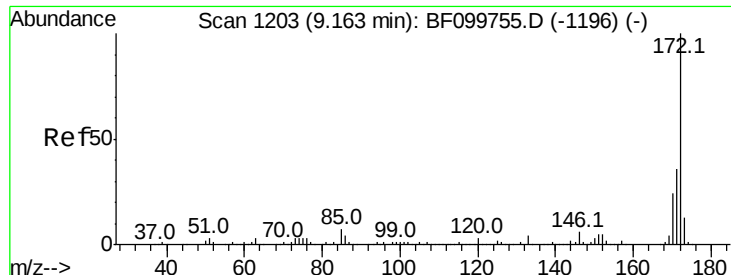
Tot Ion:164 Resp: 151338
 Ion Ratio Lower Upper
 164 100
 162 104.1 86.1 129.1
 160 43.4 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 119.445 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100090.D
 Acq: 2 Nov 2017 17:39

Tgt Ion:330 Resp: 164735
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 33.7 29.9 44.9

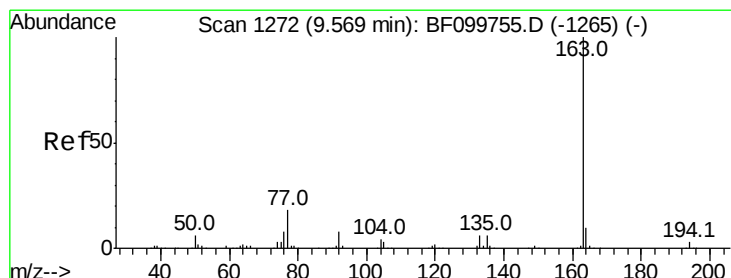
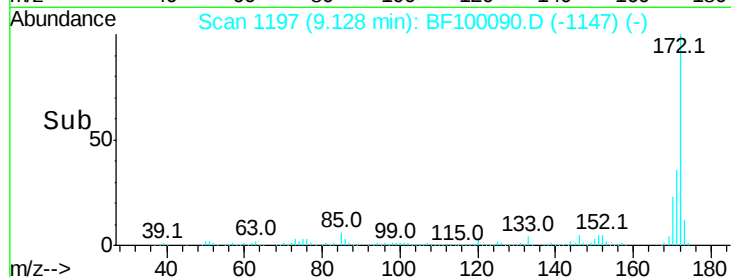
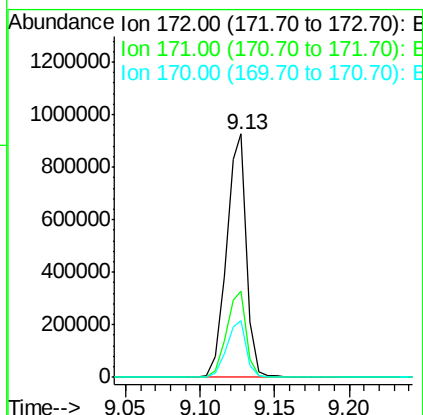
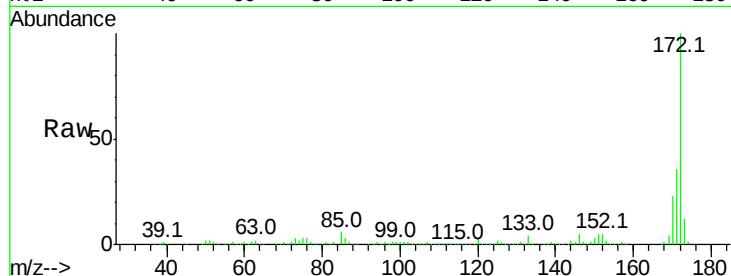




#44
2-Fluorobiphenyl
Concen: 89.131 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF100090.D
Acq: 2 Nov 2017 17:39

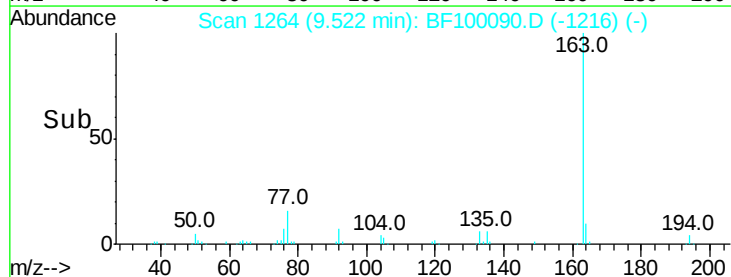
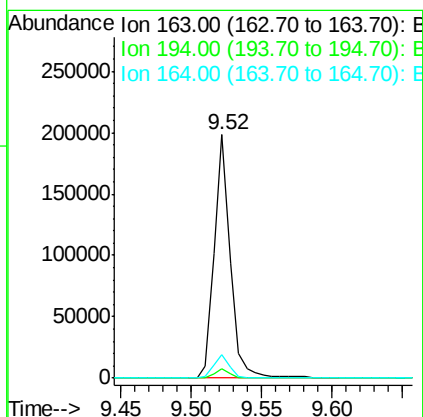
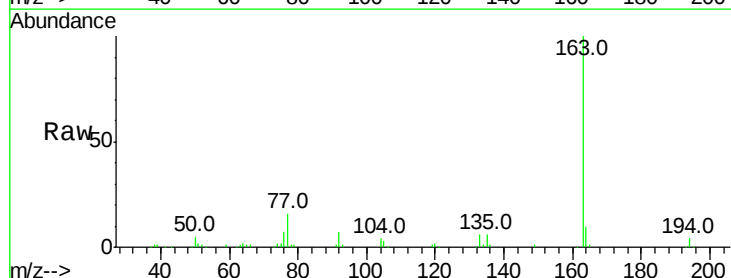
Instrument :
BNA_F
ClientSampleId :

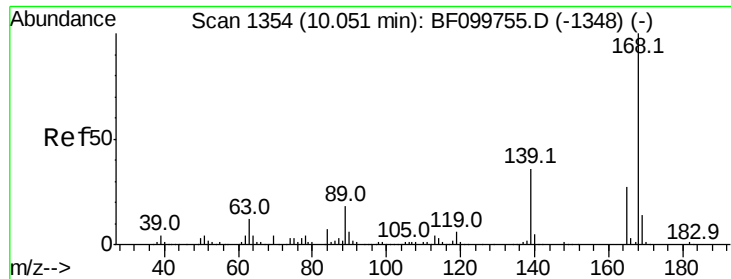
Tot Ion:172 Resp: 874290
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 23.4 19.6 29.4



#49
Dimethylphthalate
Concen: 13.087 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF100090.D
Acq: 2 Nov 2017 17:39

Tgt Ion:163 Resp: 156846
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.5 8.2 12.2

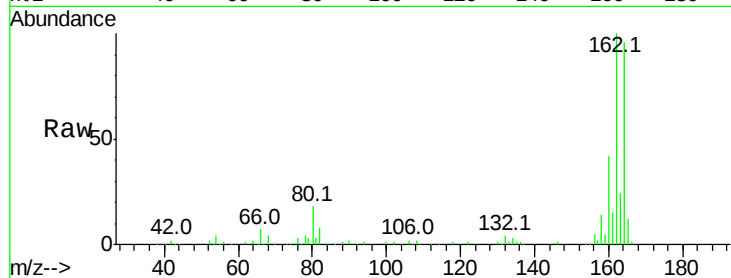




#56
 2,4-Dinitrotoluene
 Concen: 6.261 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.23 min
 Lab File: BF100090.D
 Acq: 2 Nov 2017 17:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	18997
Ion Ratio	Lower	Upper	
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

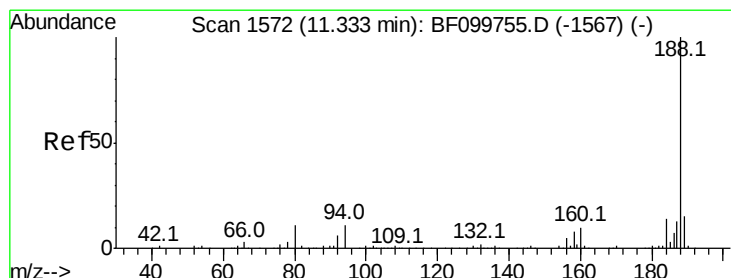
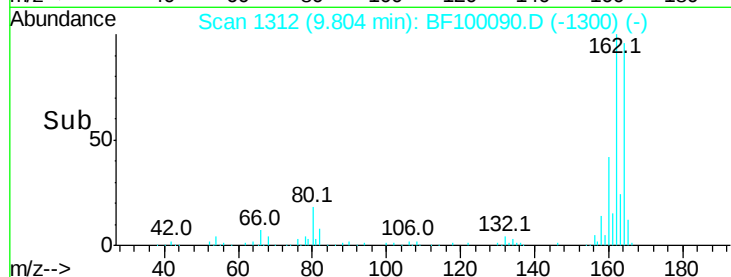
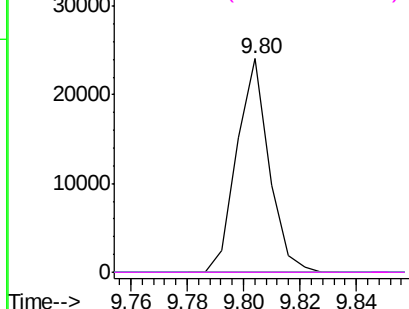


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

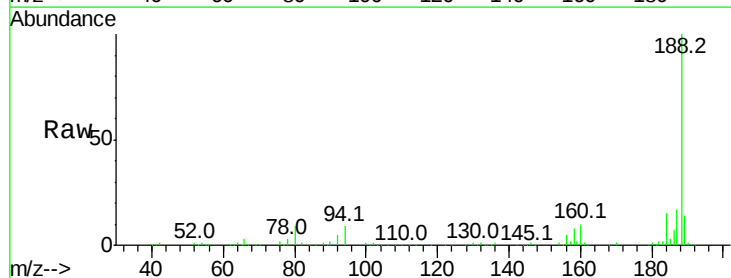
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF100090.D
 Acq: 2 Nov 2017 17:39

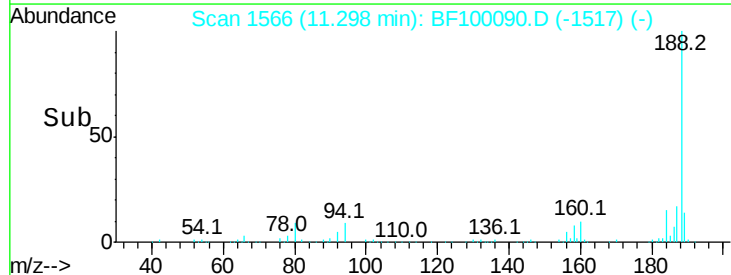
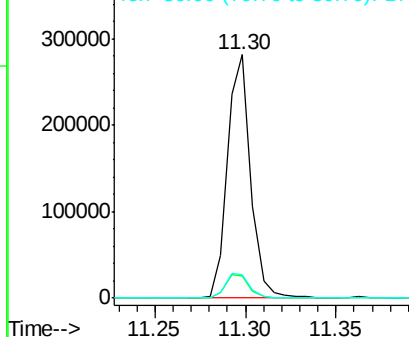
Tgt Ion:	188	Resp:	250668
Ion Ratio	Lower	Upper	
188	100		
94	8.9	8.5	12.7
80	9.4	9.2	13.8

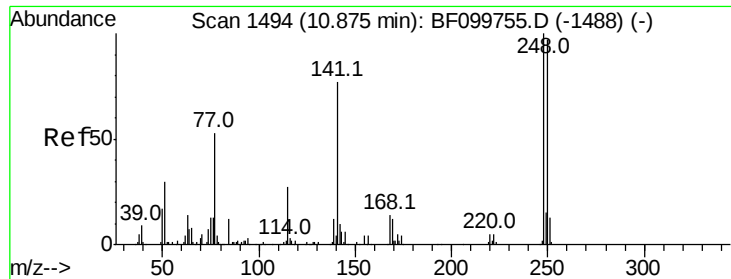


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

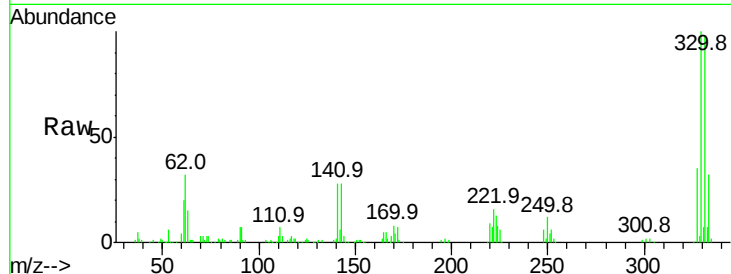




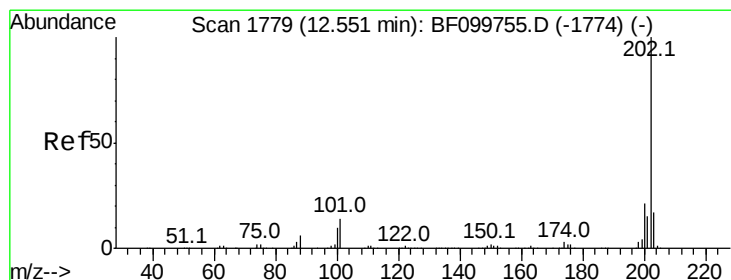
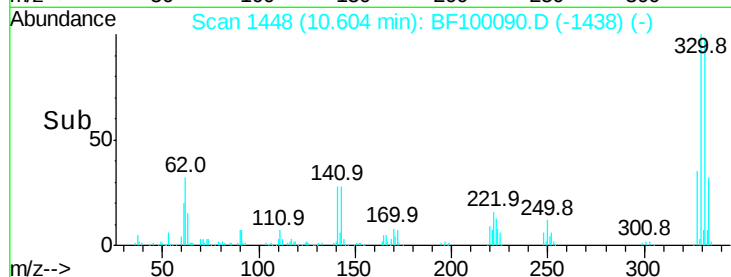
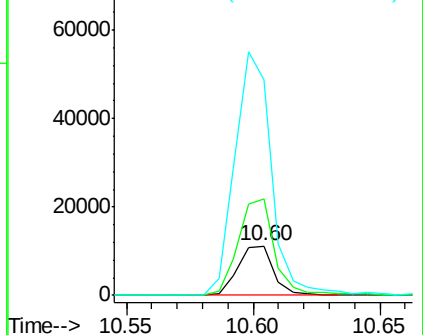
#66
 4-Bromophenyl-phenylether
 Concen: 4.139 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.24 min
 Lab File: BF100090.D
 Acq: 2 Nov 2017 17:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 10922
 Ion Ratio Lower Upper
 248 100
 250 194.8 76.9 115.3#
 141 437.6 74.4 111.6#

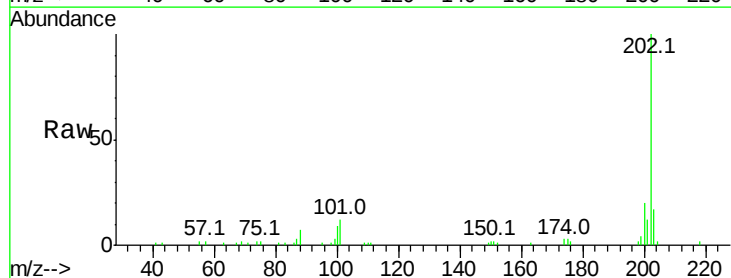


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

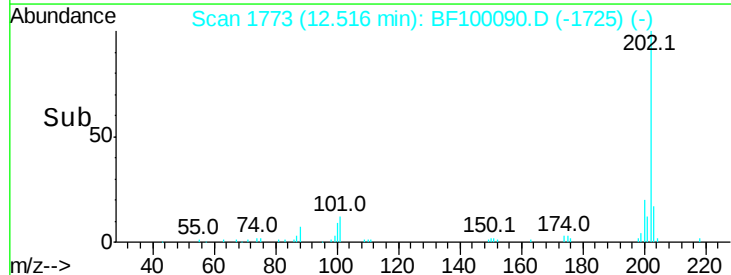
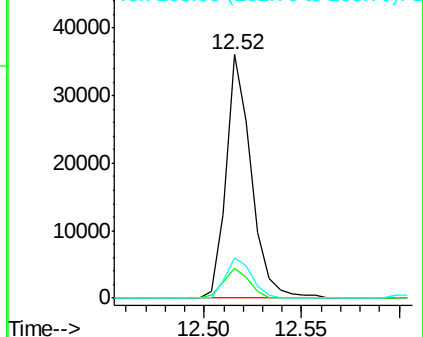


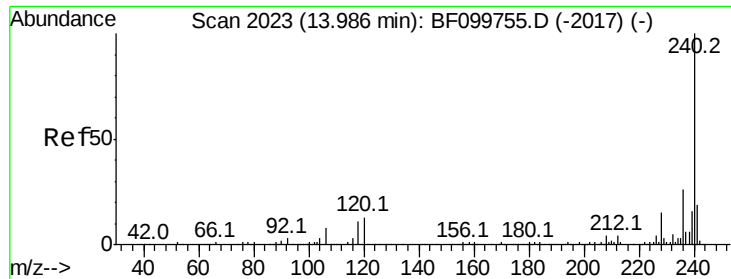
#74
 Fluoranthene
 Concen: 2.184 ng
 RT: 12.52 min Scan# 1773
 Delta R.T. -0.02 min
 Lab File: BF100090.D
 Acq: 2 Nov 2017 17:39

Tgt Ion:202 Resp: 32104
 Ion Ratio Lower Upper
 202 100
 101 12.2 0.0 34.1
 203 16.6 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

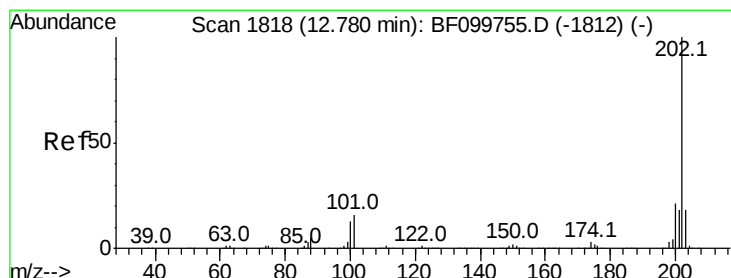
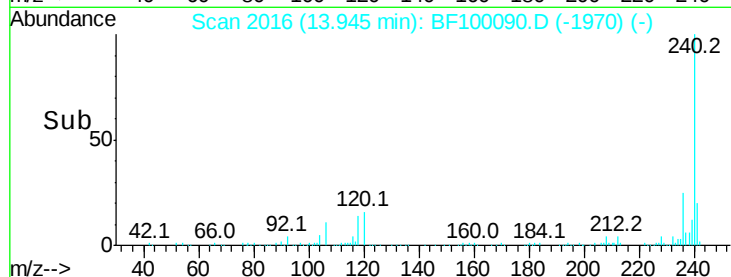
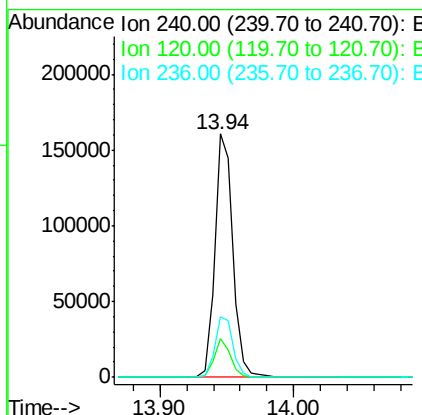
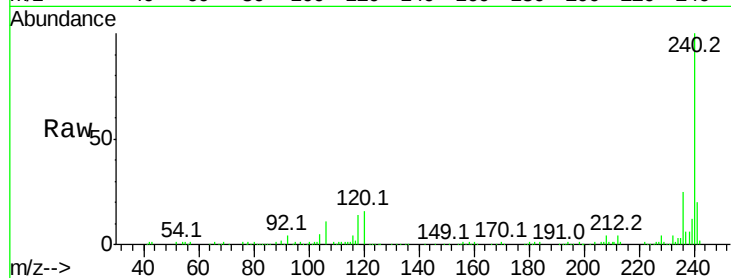




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.03 min
Lab File: BF100090.D
Acq: 2 Nov 2017 17:39

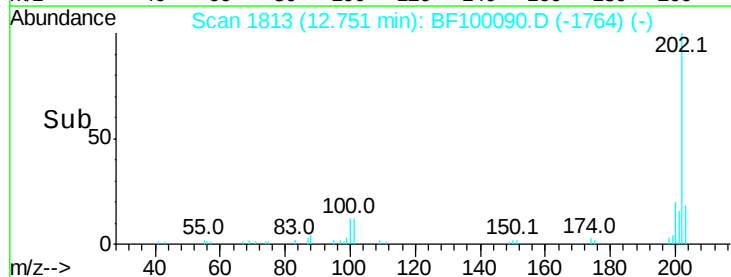
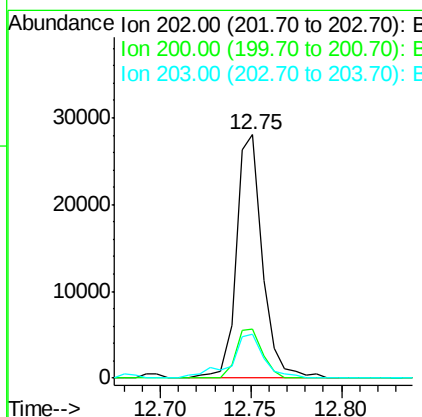
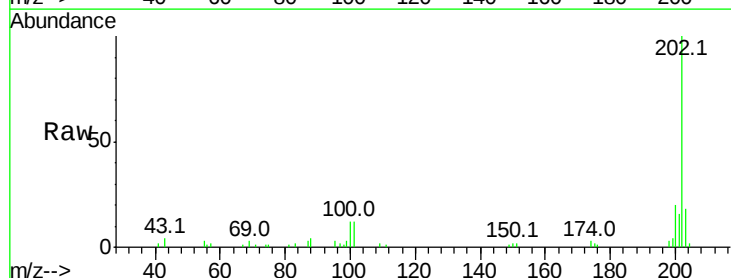
Instrument :
BNA_F
ClientSampleId :

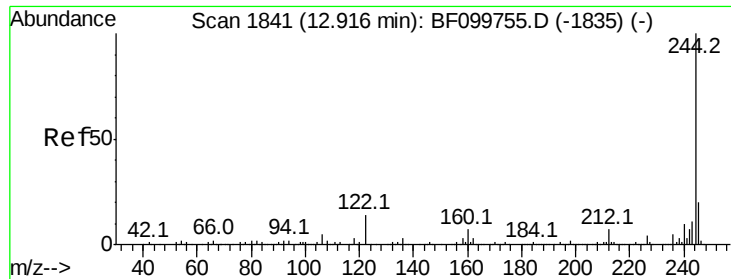
Tot Ion:240 Resp: 152306
Ion Ratio Lower Upper
240 100
120 15.9 9.5 14.3#
236 25.1 20.7 31.1



#77
Pyrene
Concen: 2.422 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF100090.D
Acq: 2 Nov 2017 17:39

Tgt Ion:202 Resp: 28055
Ion Ratio Lower Upper
202 100
200 20.1 17.4 26.2
203 18.2 14.3 21.5





#78

Terphenyl-d14

Concen: 89.442 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BF100090.D

Acq: 2 Nov 2017 17:39

Instrument :

BNA_F

ClientSampleId :

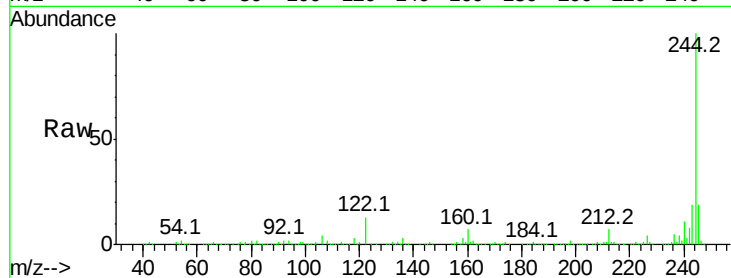
Tot Ion:244 Resp: 623353

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

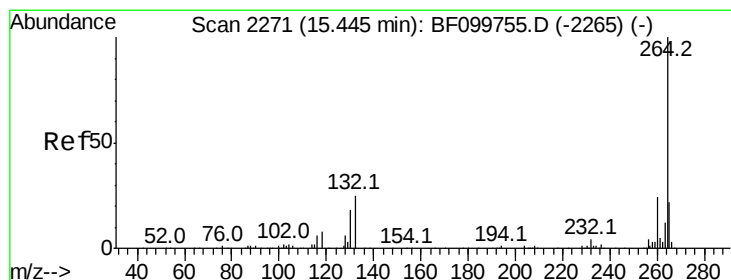
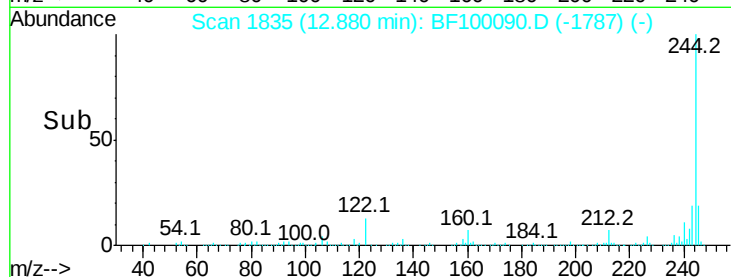
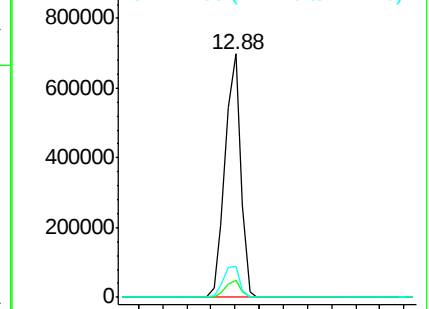
122 13.0 11.0 16.4



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: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.05 min

Lab File: BF100090.D

Acq: 2 Nov 2017 17:39

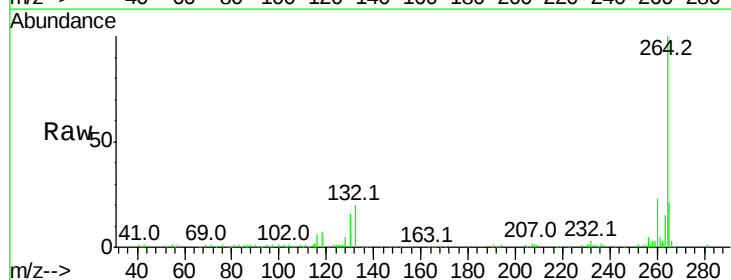
Tgt Ion:264 Resp: 154296

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

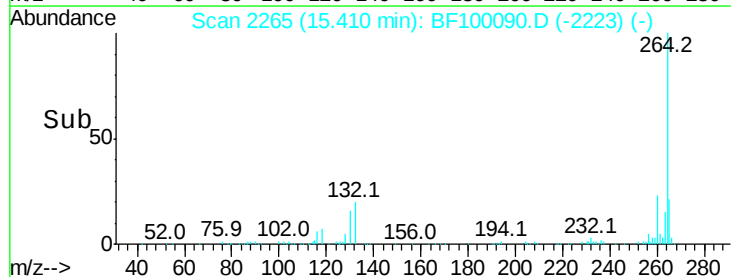
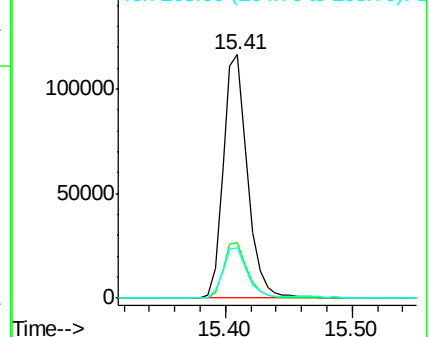
265 20.7 17.5 26.3

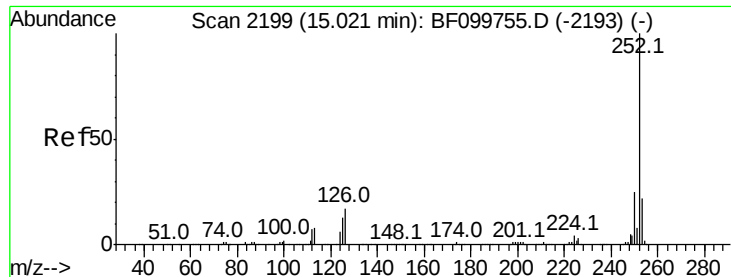


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

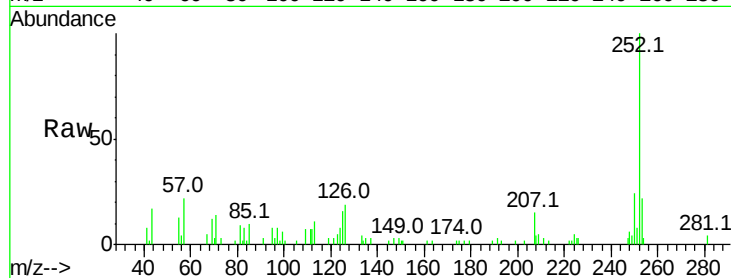




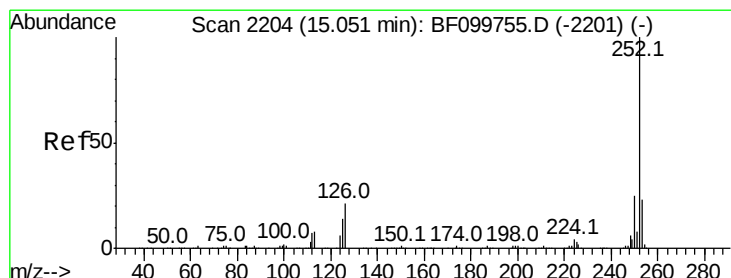
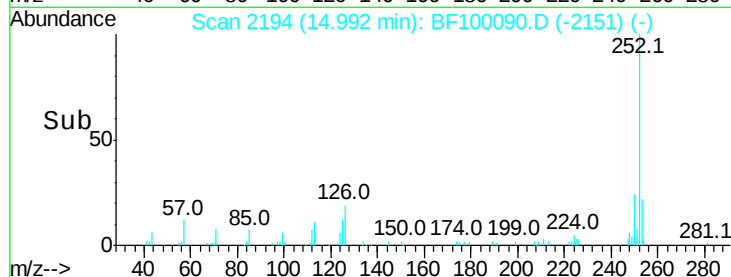
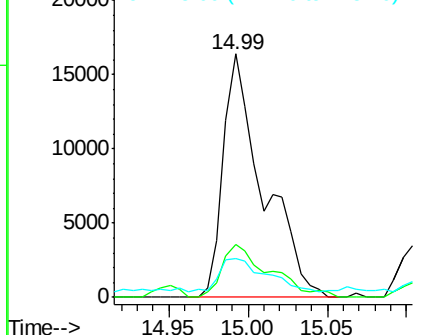
#87
Benzo(b)fluoranthene
Concen: 2.946 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.05 min
Lab File: BF100090.D
Acq: 2 Nov 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 28699
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 15.8 9.0 13.6#

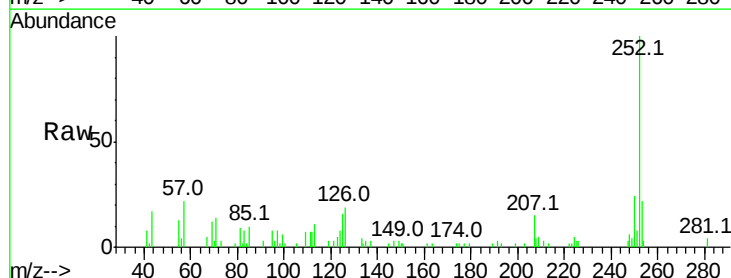


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 3.124 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.08 min
Lab File: BF100090.D
Acq: 2 Nov 2017 17:39

Tgt Ion:252 Resp: 28699
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 15.8 10.2 15.2#



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

