

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
 Data File : BF096995.D
 Acq On : 24 Jul 2017 19:57
 Operator : SJ/JU
 Sample : PB100872BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100872BL

Quant Time: Jul 25 01:43:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:37:00 2017
 Response via : Initial Calibration

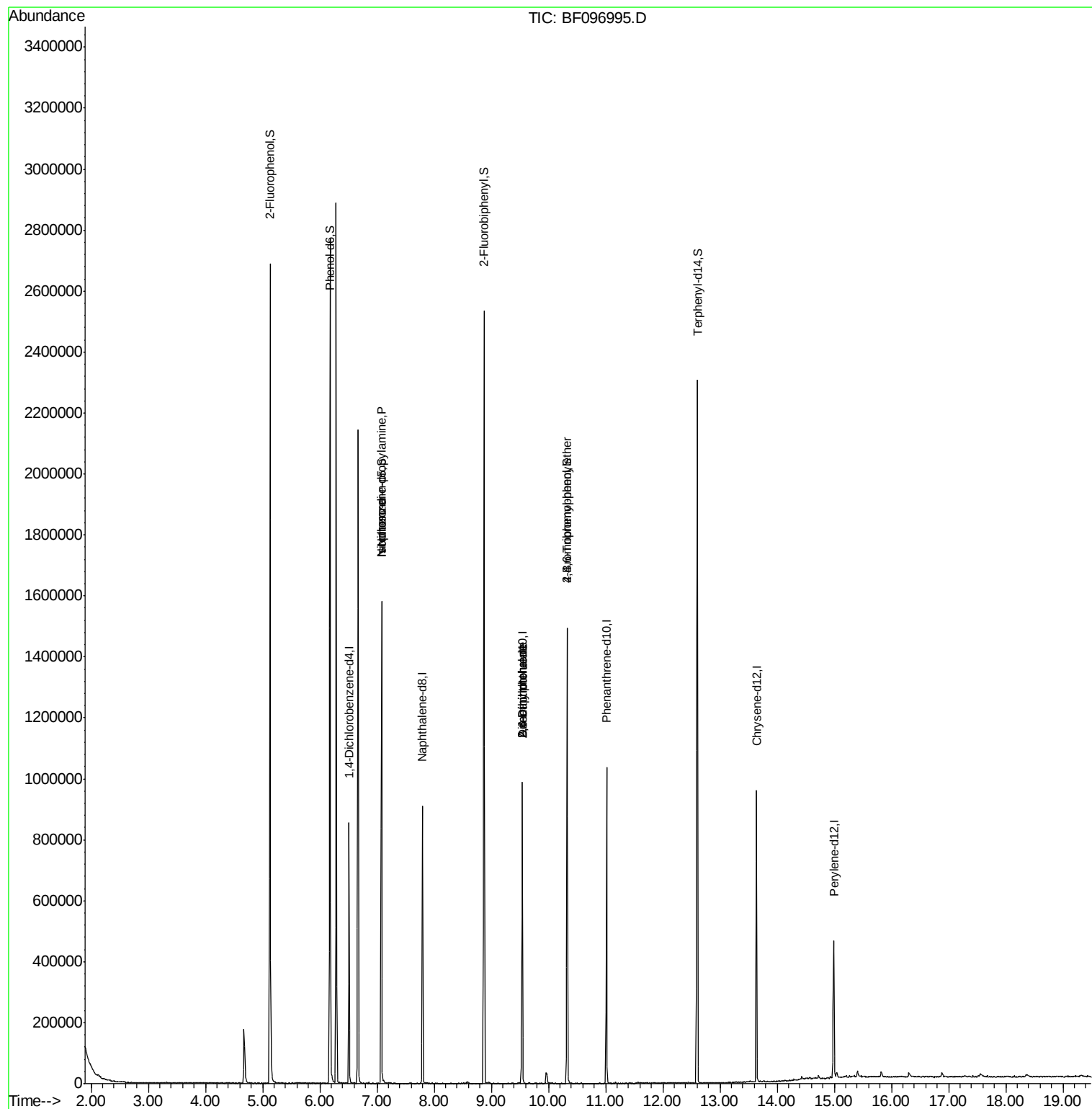
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	121697	20.00	ng	-0.03
21) Naphthalene-d8	7.79	136	451286	20.00	ng	-0.04
38) Acenaphthene-d10	9.54	164	200805	20.00	ng	-0.04
63) Phenanthrene-d10	11.02	188	352035	20.00	ng	-0.04
75) Chrysene-d12	13.64	240	308964	20.00	ng	-0.04
86) Perylene-d12	14.99	264	189244	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	766595	94.71	ng	-0.02
7) Phenol-d6	6.18	99	960833	98.92	ng	-0.04
23) Nitrobenzene-d5	7.08	82	513755	70.51	ng	-0.04
41) 2,4,6-Tribromophenol	10.33	330	162082	94.56	ng	-0.04
44) 2-Fluorobiphenyl	8.87	172	894210	70.36	ng	-0.04
78) Terphenyl-d14	12.60	244	755055	42.38	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.08	70	66950	11.44	ng	# 88
25) Isophorone	7.08	82	510599	37.67	ng	# 67
49) Dimethylphthalate	9.55	163	58947	3.90	ng	# 1
50) 2,6-Dinitrotoluene	9.54	165	24579	7.51	ng	# 32
56) 2,4-Dinitrotoluene	9.54	165	24579	5.84	ng	# 32
66) 4-Bromophenyl-phenylether	10.33	248	10509	2.92	ng	# 1

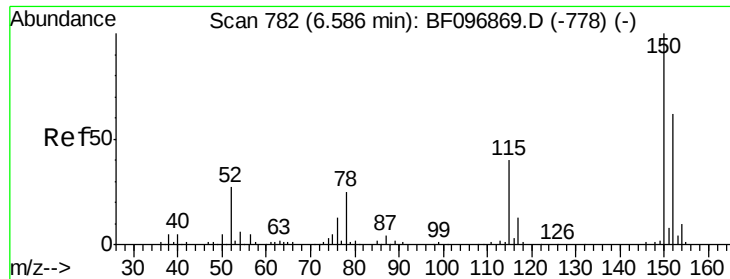
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.51 min Scan# 786

Delta R.T. -0.03 min

Lab File: BF096995.D

Acq: 24 Jul 2017 19:57

Instrument :

BNA_F

ClientSampleId :

PB100872BL

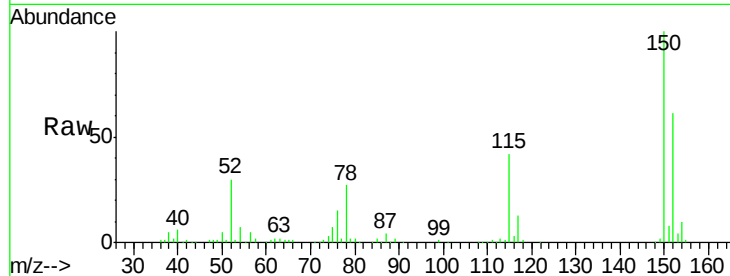
Tot Ion:152 Resp: 121697

Ion Ratio Lower Upper

152 100

150 163.6 126.2 189.2

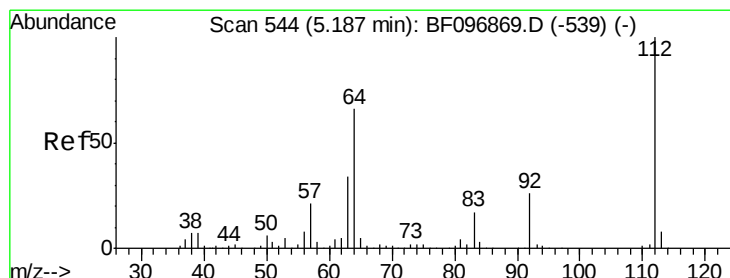
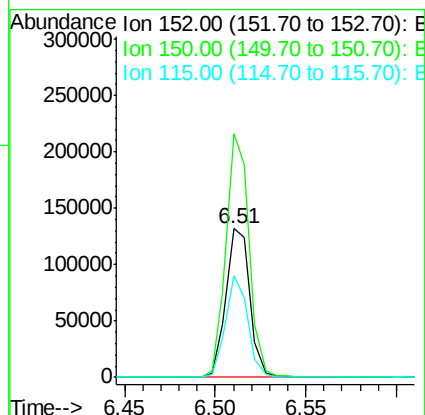
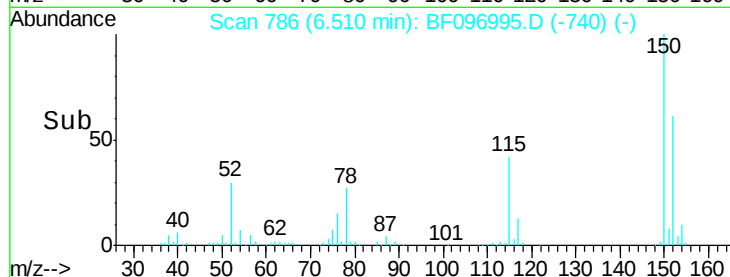
115 68.1 52.2 78.2



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: 94.71 ng

RT: 5.13 min Scan# 551

Delta R.T. -0.02 min

Lab File: BF096995.D

Acq: 24 Jul 2017 19:57

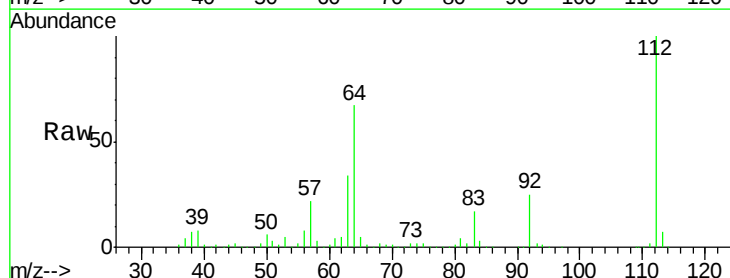
Tgt Ion:112 Resp: 766595

Ion Ratio Lower Upper

112 100

64 66.8 46.0 69.0

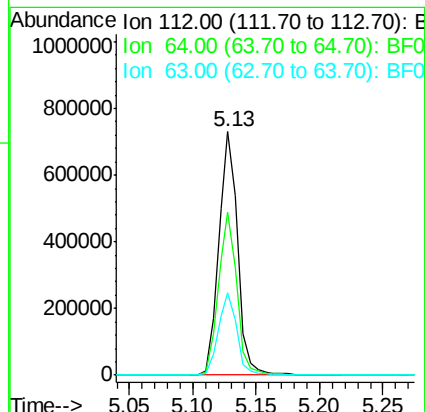
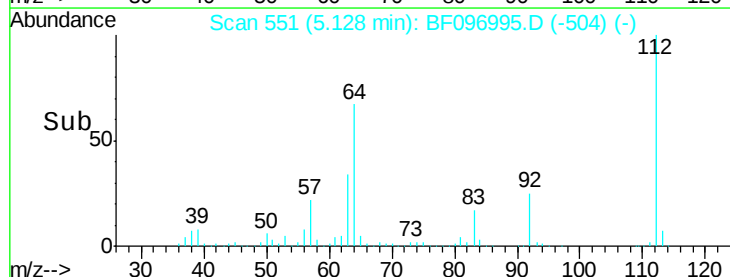
63 33.8 23.4 35.0

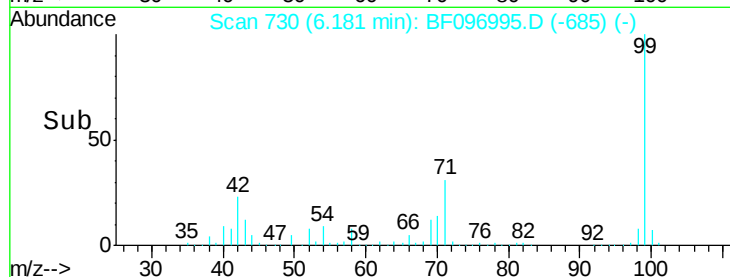
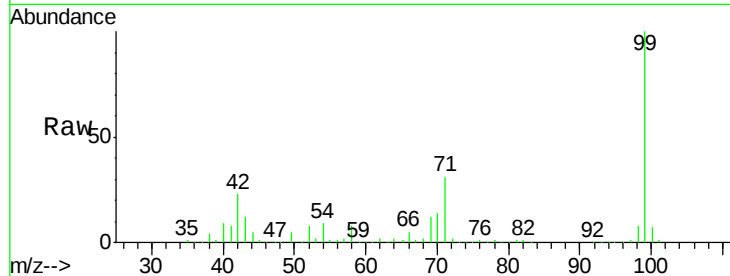
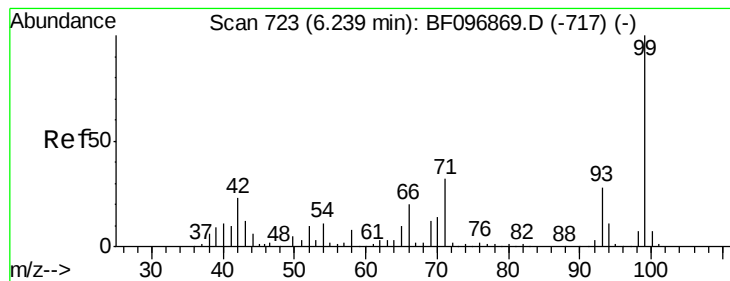


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 98.92 ng

RT: 6.18 min Scan# 730

Delta R.T. -0.04 min

Lab File: BF096995.D

Acq: 24 Jul 2017 19:57

Instrument :

BNA_F

ClientSampleId :

PB100872BL

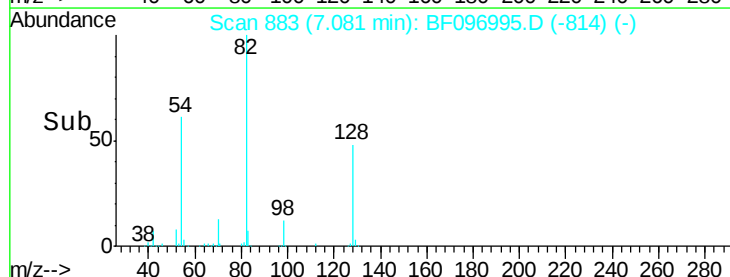
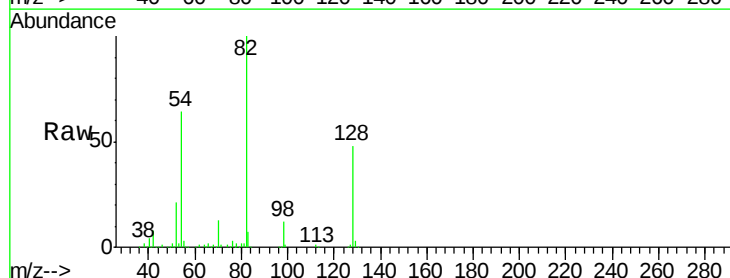
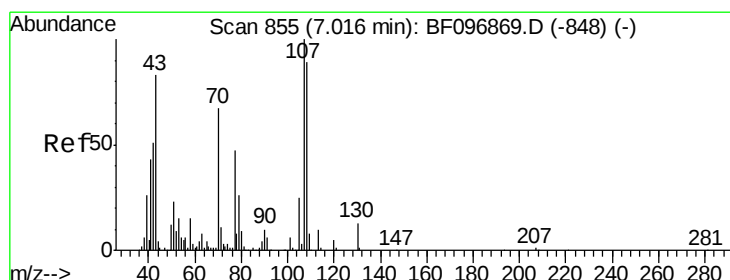
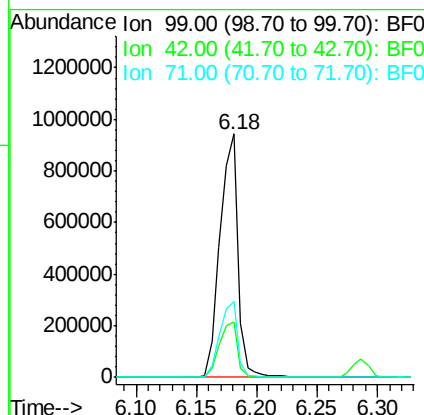
Tot Ion: 99 Resp: 960833

Ion Ratio Lower Upper

99 100

42 22.6 13.5 20.3#

71 31.1 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 11.44 ng

RT: 7.08 min Scan# 883

Delta R.T. 0.11 min

Lab File: BF096995.D

Acq: 24 Jul 2017 19:57

Tgt Ion: 70 Resp: 66950

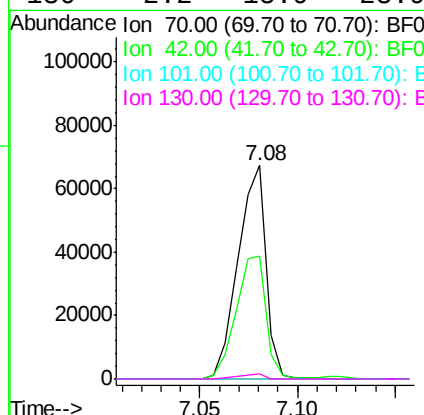
Ion Ratio Lower Upper

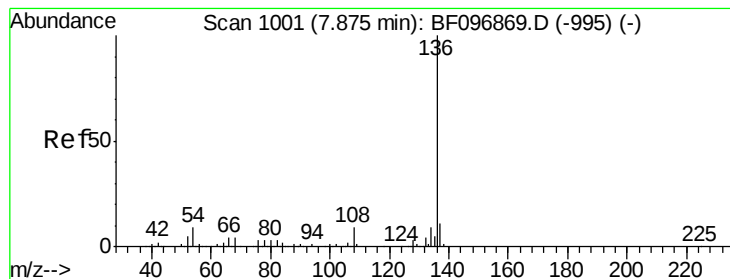
70 100

42 57.8 47.2 70.8

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.79 min Scan# 1004

Delta R.T. -0.04 min

Lab File: BF096995.D

Acq: 24 Jul 2017 19:57

Instrument :

BNA_F

ClientSampleId :

PB100872BL

Tot Ion:136 Resp: 451286

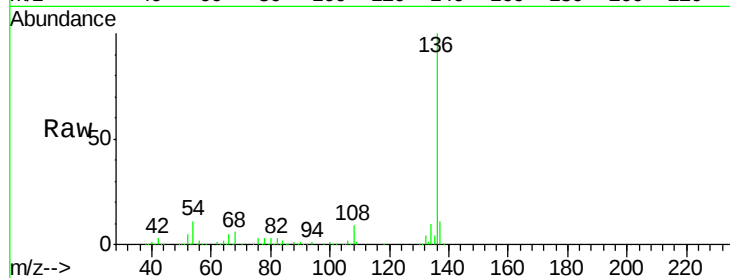
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 11.2 4.9 7.3#

68 5.7 4.1 6.1

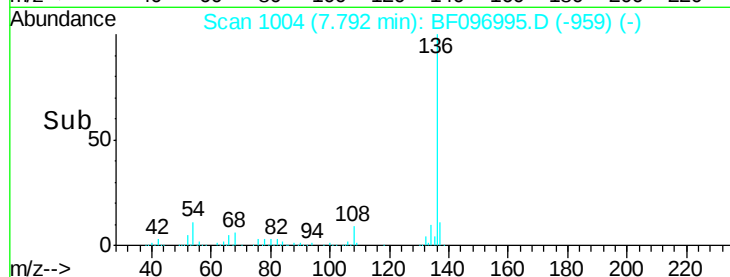


Abundance Ion 136.00 (135.70 to 136.70): E

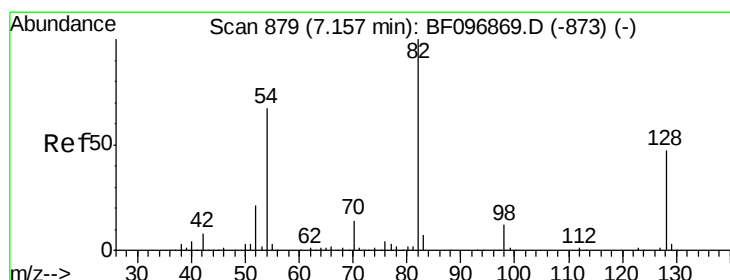
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 7.70 7.80 7.90



#23

Nitrobenzene-d5

Concen: 70.51 ng

RT: 7.08 min Scan# 883

Delta R.T. -0.04 min

Lab File: BF096995.D

Acq: 24 Jul 2017 19:57

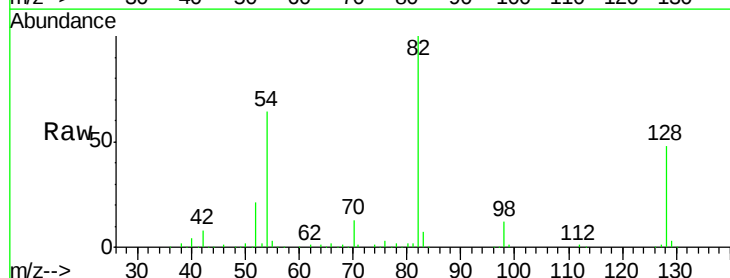
Tgt Ion: 82 Resp: 513755

Ion Ratio Lower Upper

82 100

128 48.1 34.0 51.0

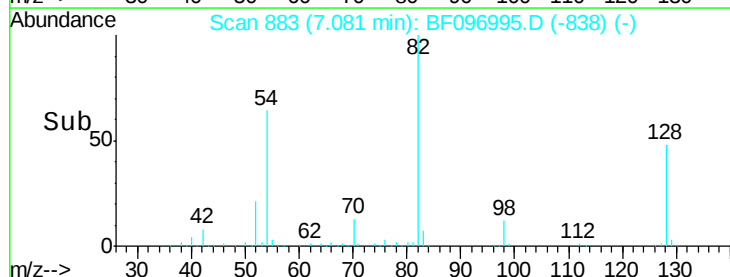
54 63.8 42.2 63.2#



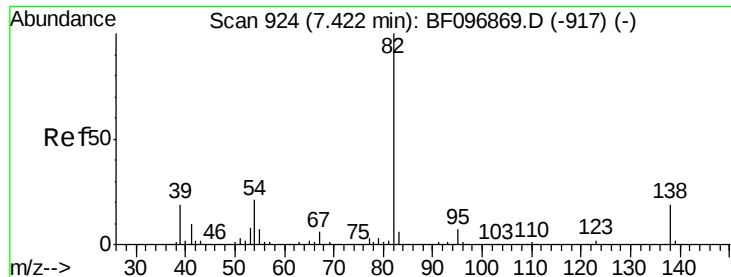
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time--> 7.00 7.05 7.10 7.15 7.20



#25

Isophorone

Concen: 37.67 ng

RT: 7.08 min Scan# 883

Delta R.T. -0.29 min

Lab File: BF096995.D

Acq: 24 Jul 2017 19:57

Instrument :

BNA_F

ClientSampleId :

PB100872BL

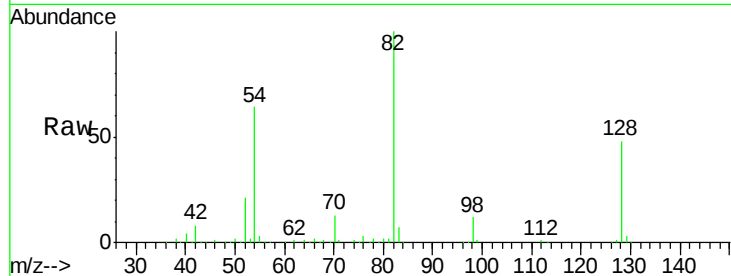
Tot Ion: 82 Resp: 510599

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

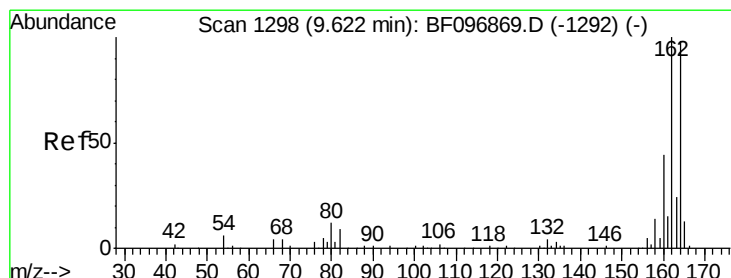
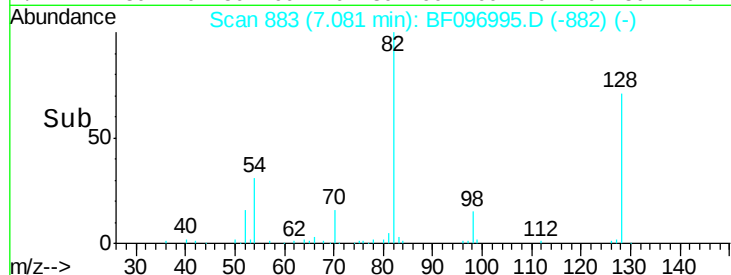
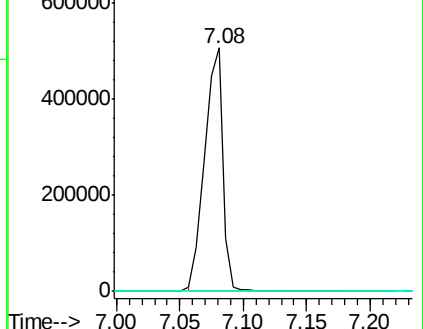
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.54 min Scan# 1301

Delta R.T. -0.04 min

Lab File: BF096995.D

Acq: 24 Jul 2017 19:57

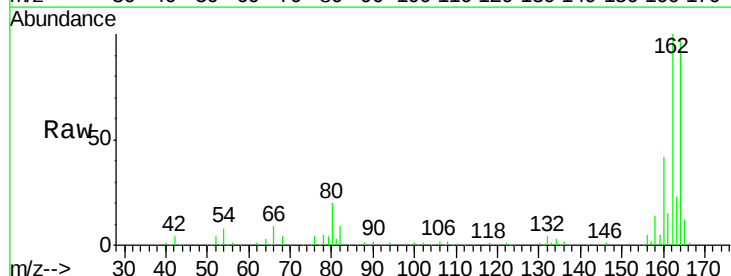
Tgt Ion: 164 Resp: 200805

Ion Ratio Lower Upper

164 100

162 102.9 82.6 123.8

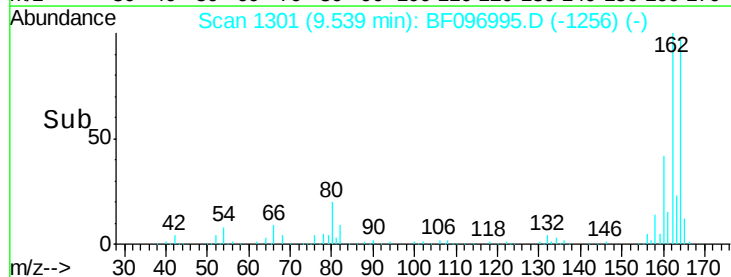
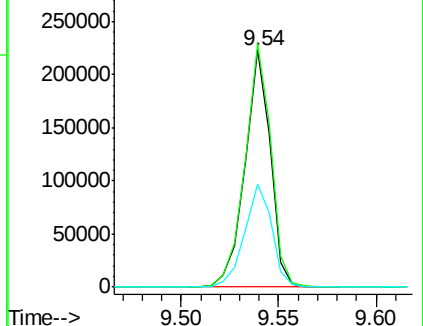
160 43.4 36.2 54.2

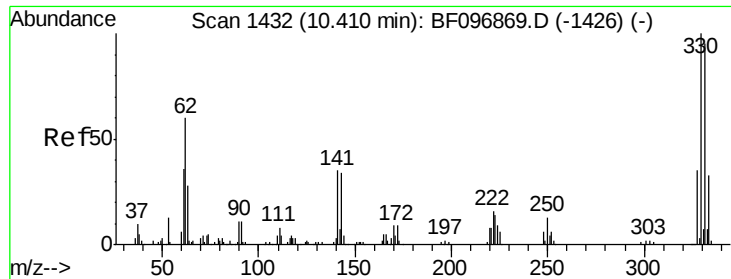


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

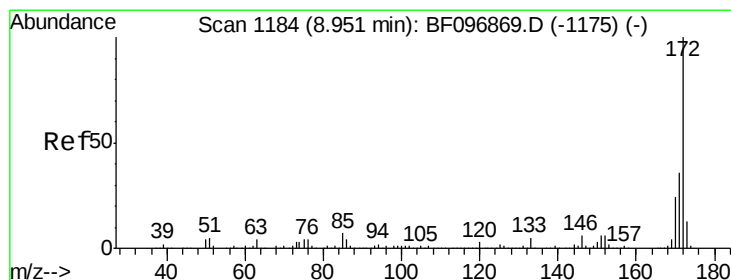
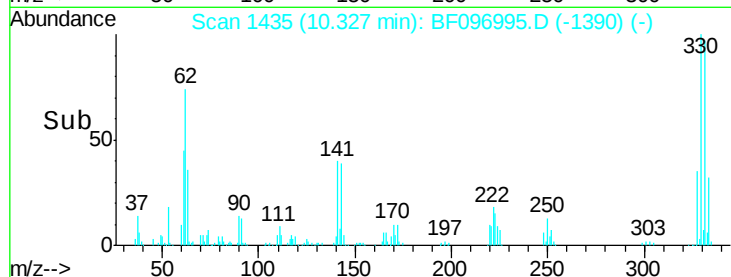
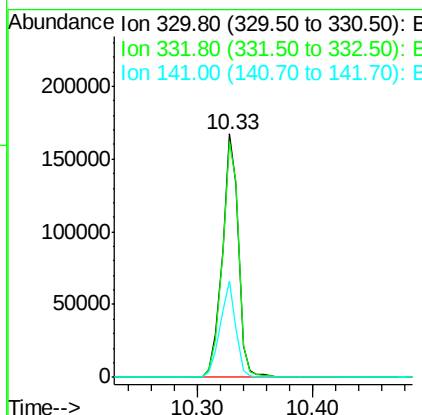
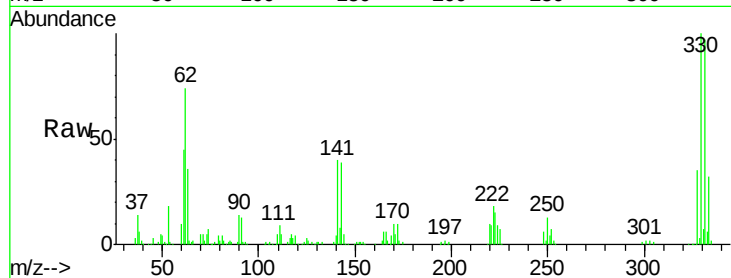




#41
 2,4,6-Tribromophenol
 Concen: 94.56 ng
 RT: 10.33 min Scan# 1435
 Delta R.T. -0.04 min
 Lab File: BF096995.D
 Acq: 24 Jul 2017 19:57

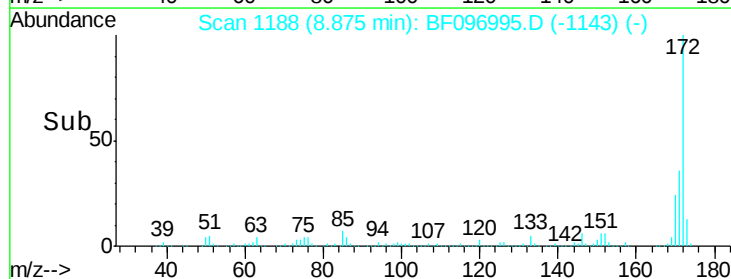
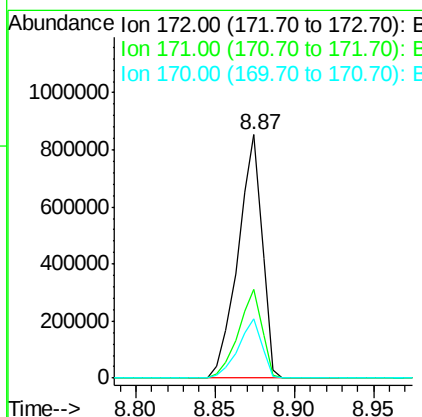
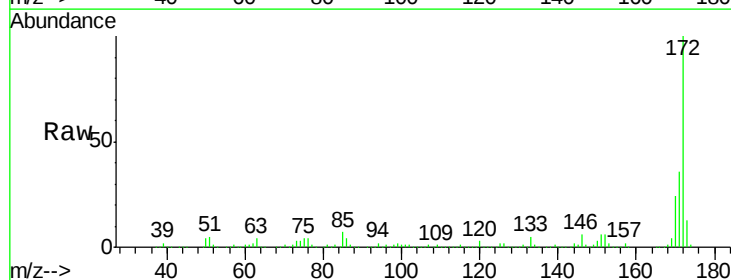
Instrument :
 BNA_F
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 PB100872BL

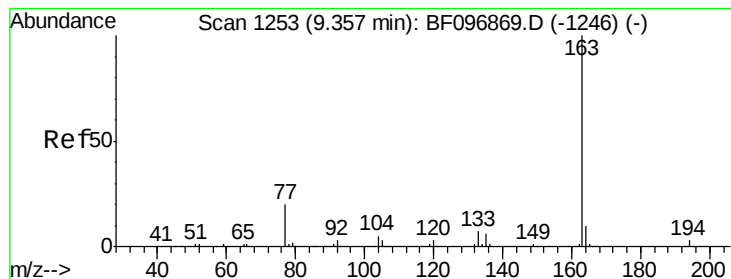
Tot Ion:330 Resp: 162082
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 115.0
 141 38.3 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 70.36 ng
 RT: 8.87 min Scan# 1188
 Delta R.T. -0.04 min
 Lab File: BF096995.D
 Acq: 24 Jul 2017 19:57

Tgt Ion:172 Resp: 894210
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.4 19.8 29.8





#49

Dimethylphthalate

Concen: 3.90 ng

RT: 9.55 min Scan# 1302

Delta R.T. 0.23 min

Lab File: BF096995.D

Acq: 24 Jul 2017 19:57

Instrument :

BNA_F

ClientSampleId :

PB100872BL

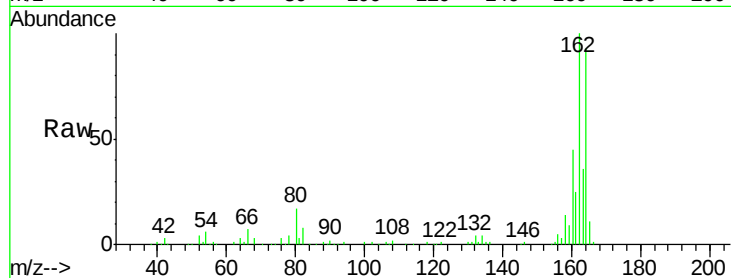
Tot Ion:163 Resp: 58947

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

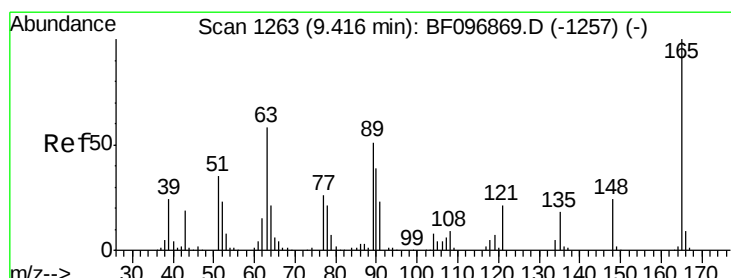
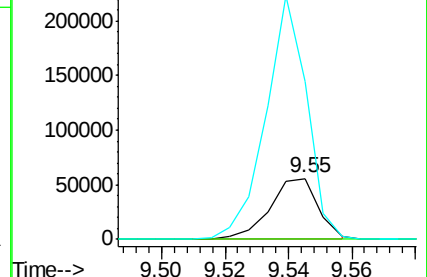
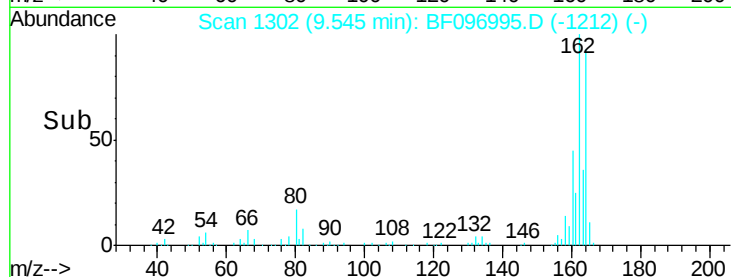
164 259.8 8.4 12.6#



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



#50

2,6-Dinitrotoluene

Concen: 7.51 ng

RT: 9.54 min Scan# 1301

Delta R.T. 0.16 min

Lab File: BF096995.D

Acq: 24 Jul 2017 19:57

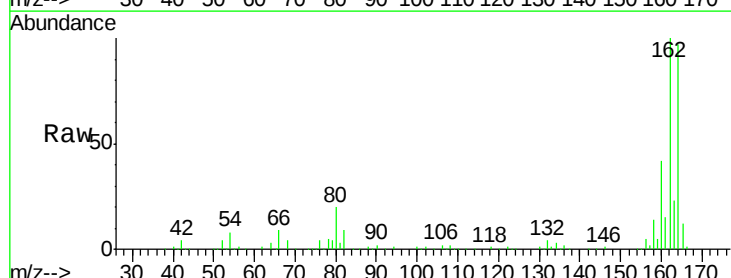
Tgt Ion:165 Resp: 24579

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

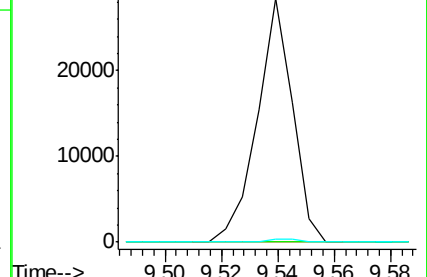
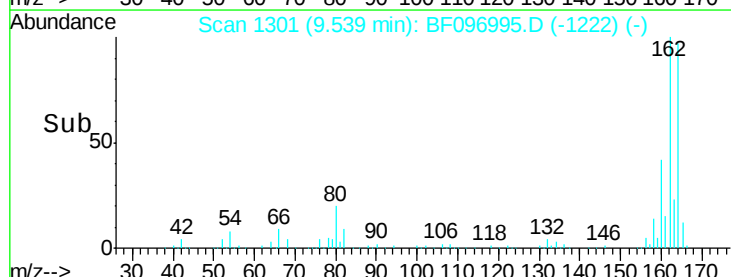
89 1.1 37.1 55.7#

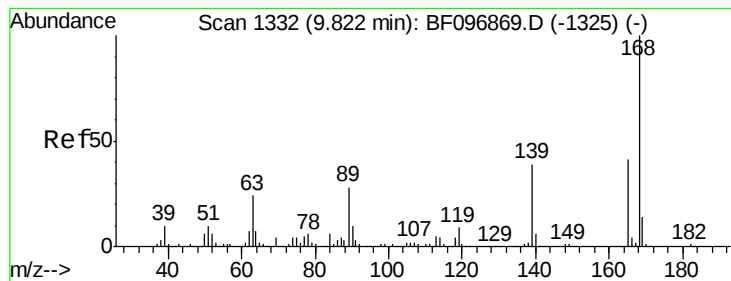


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 5.84 ng

RT: 9.54 min Scan# 1301

Delta R.T. -0.24 min

Lab File: BF096995.D

Acq: 24 Jul 2017 19:57

Instrument :

BNA_F

ClientSampleId :

PB100872BL

Tot Ion:165 Resp: 24579

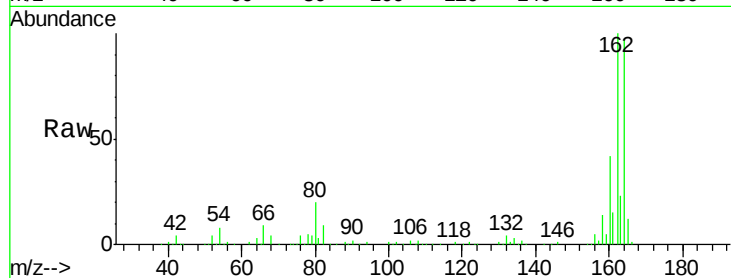
Ion Ratio Lower Upper

165 100

63 0.0 25.4 38.0#

89 1.1 46.4 69.6#

182 0.0 1.8 2.6#

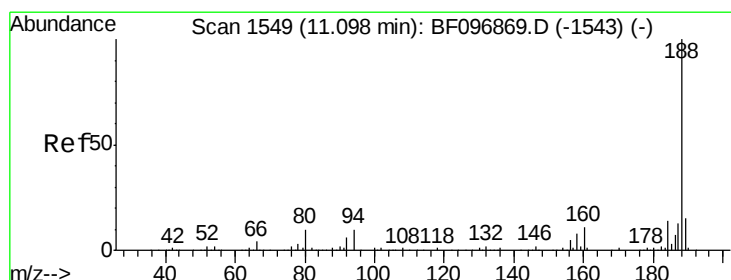
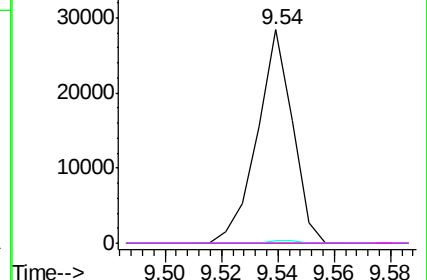
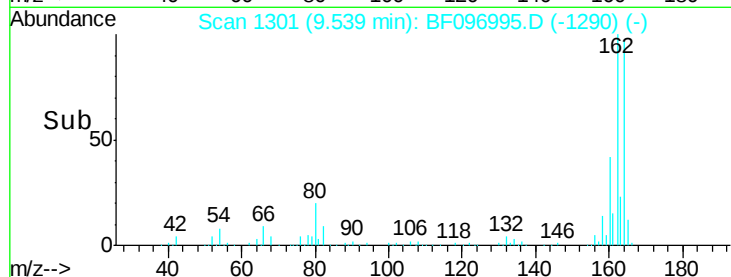


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.02 min Scan# 1552

Delta R.T. -0.04 min

Lab File: BF096995.D

Acq: 24 Jul 2017 19:57

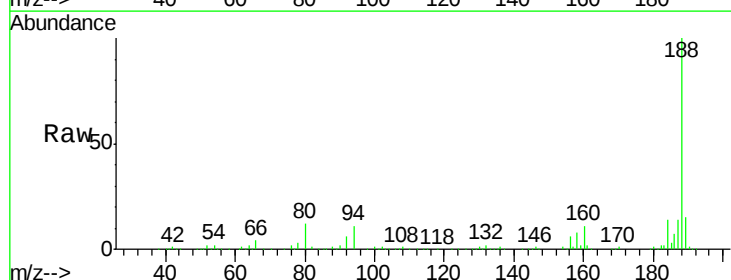
Tgt Ion:188 Resp: 352035

Ion Ratio Lower Upper

188 100

94 10.8 9.4 14.2

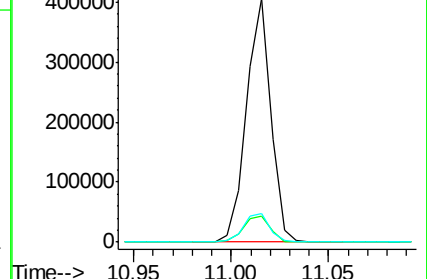
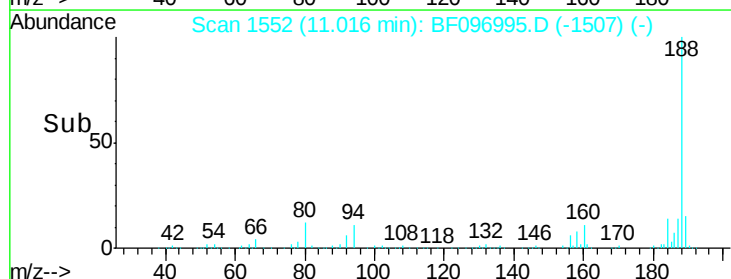
80 11.5 10.2 15.2

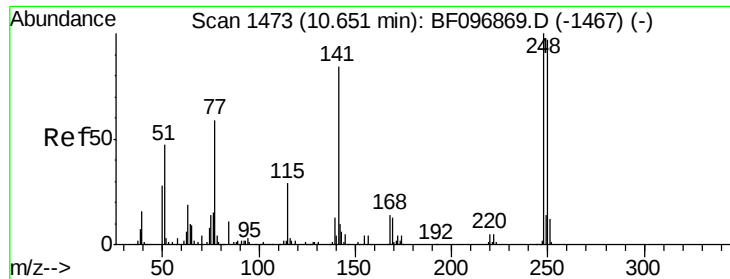


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

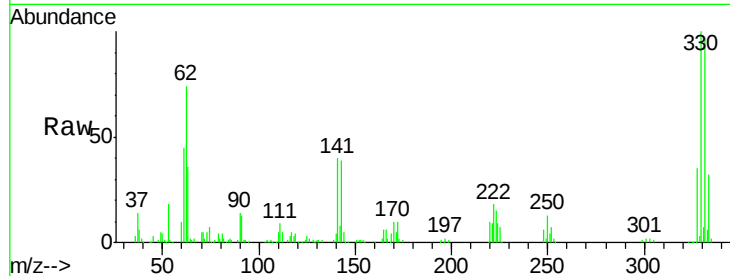




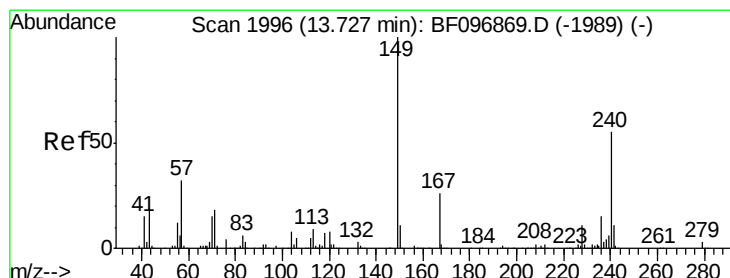
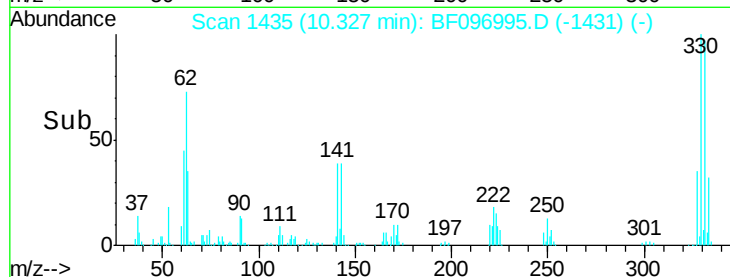
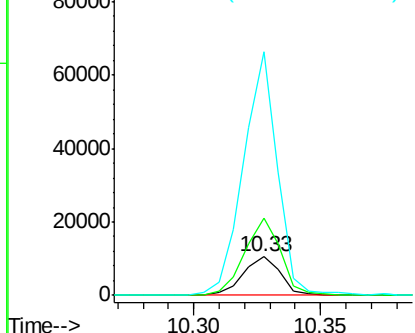
#66
4-Bromophenyl-phenylether
Concen: 2.92 ng
RT: 10.33 min Scan# 1435
Delta R.T. -0.28 min
Lab File: BF096995.D
Acq: 24 Jul 2017 19:57

Instrument :
BNA_F
ClientSampleId :
PB100872BL

Tot Ion:248 Resp: 10509
Ion Ratio Lower Upper
248 100
250 199.0 76.8 115.2#
141 628.7 68.6 103.0#

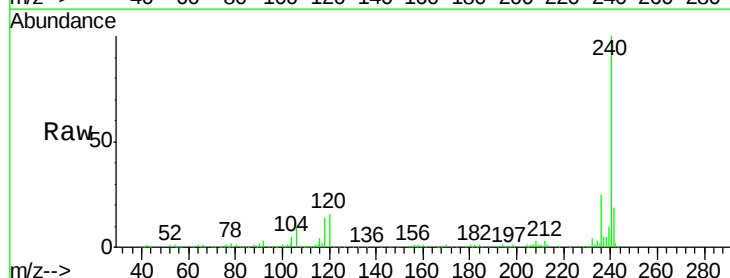


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

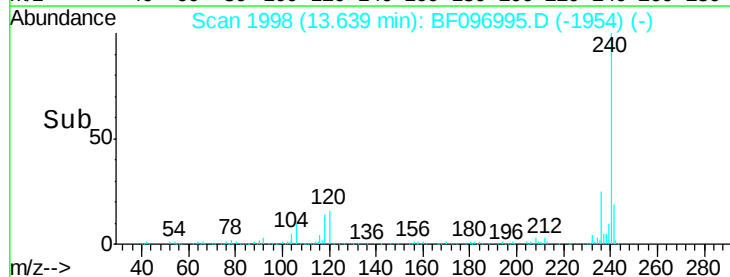
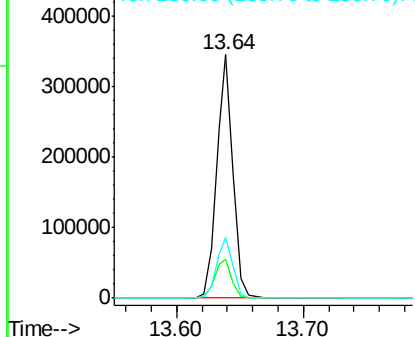


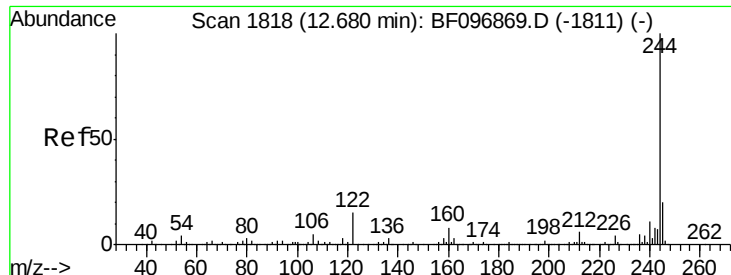
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.64 min Scan# 1998
Delta R.T. -0.04 min
Lab File: BF096995.D
Acq: 24 Jul 2017 19:57

Tgt Ion:240 Resp: 308964
Ion Ratio Lower Upper
240 100
120 15.8 5.8 8.8#
236 24.9 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: 42.38 ng

RT: 12.60 min Scan# 1822

Delta R.T. -0.03 min

Lab File: BF096995.D

Acq: 24 Jul 2017 19:57

Instrument :

BNA_F

ClientSampleId :

PB100872BL

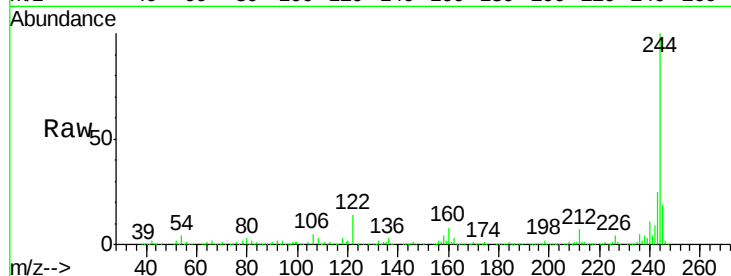
Tot Ion:244 Resp: 755055

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

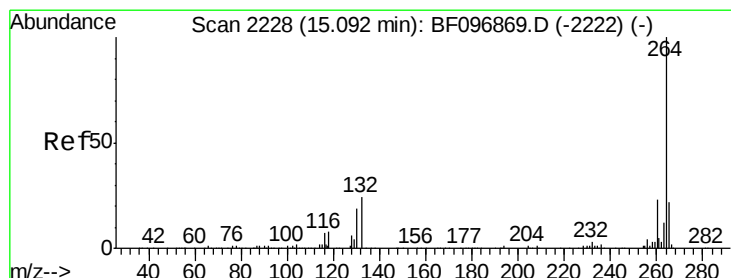
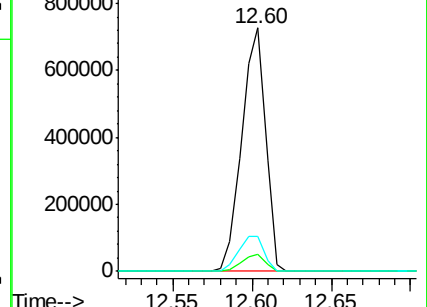
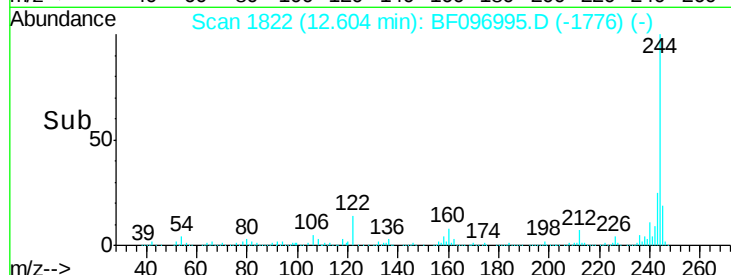
122 14.3 10.3 15.5



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 14.99 min Scan# 2228

Delta R.T. -0.04 min

Lab File: BF096995.D

Acq: 24 Jul 2017 19:57

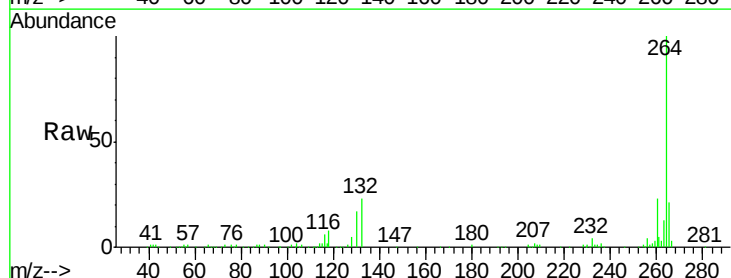
Tgt Ion:264 Resp: 189244

Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

265 21.1 17.2 25.8



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

