

Data File : BF096964.D
Acq On : 22 Jul 2017 1:34
Operator : SJ/JU
Sample : PB100832BL
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB100832BL

Quant Time: Jul 22 03:23:32 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	104559	20.00	ng	-0.04
21) Naphthalene-d8	7.84	136	424461	20.00	ng	-0.05
38) Acenaphthene-d10	9.58	164	162044	20.00	ng	-0.05
63) Phenanthrene-d10	11.06	188	222633	20.00	ng	-0.05
75) Chrysene-d12	13.68	240	200164	20.00	ng	-0.05
86) Perylene-d12	15.04	264	184336	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	643089	92.48	ng	-0.04
7) Phenol-d6	6.21	99	661119	79.22	ng	-0.04
23) Nitrobenzene-d5	7.12	82	559805	81.69	ng	-0.05
41) 2,4,6-Tribromophenol	10.37	330	92889	67.16	ng	-0.05
44) 2-Fluorobiphenyl	8.92	172	901261	87.87	ng	-0.05
78) Terphenyl-d14	12.64	244	534239	46.29	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.12	70	74803	14.88	ng	# 87
25) Isophorone	7.12	82	533550	41.85	ng	# 67
49) Dimethylphthalate	9.59	163	47040	3.86	ng	# 1
50) 2,6-Dinitrotoluene	9.58	165	20032	7.58	ng	# 32
56) 2,4-Dinitrotoluene	9.58	165	20032	5.90	ng	# 32
66) 4-Bromophenyl-phenylether	10.37	248	6303	2.77	ng	# 1

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

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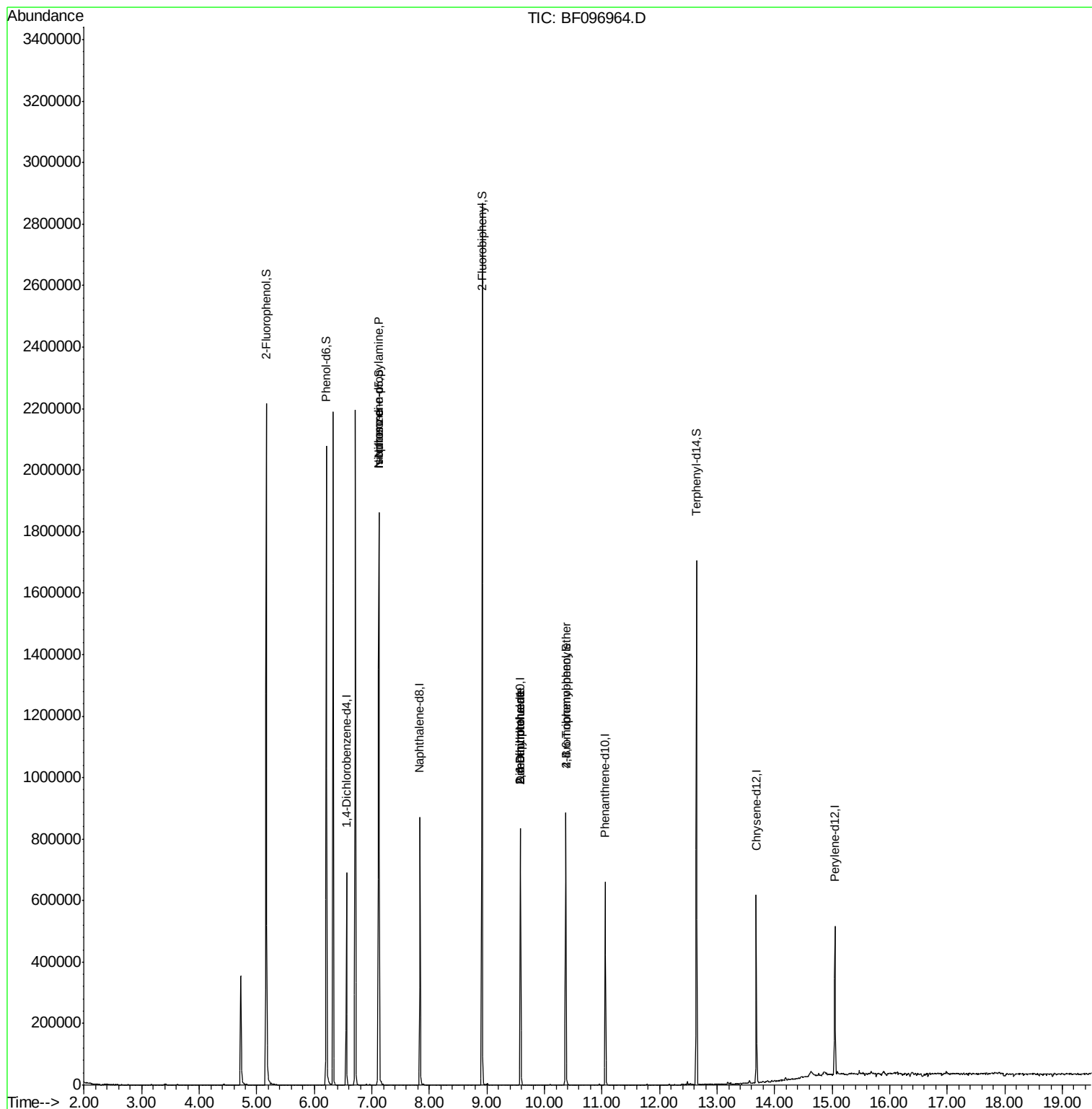
Quant Time: Jul 22 03:23:32 2017

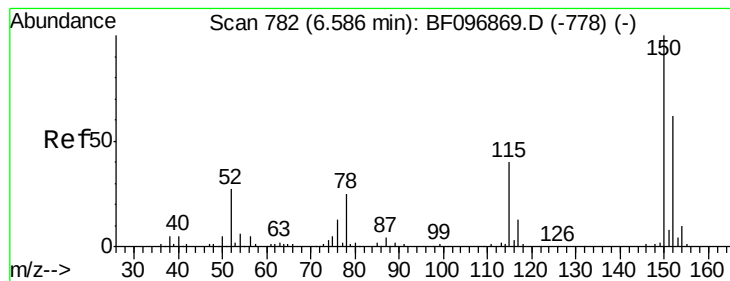
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M

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QLast Update : Tue Jul 18 13:33:22 2017

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 777

Delta R.T. -0.04 min

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ClientSampleId :

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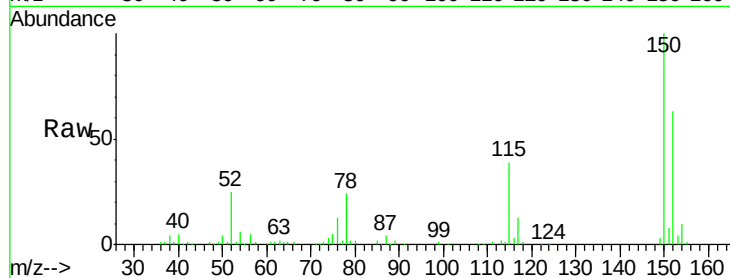
Tgt Ion:152 Resp: 104559

Ion Ratio Lower Upper

152 100

150 157.7 126.2 189.2

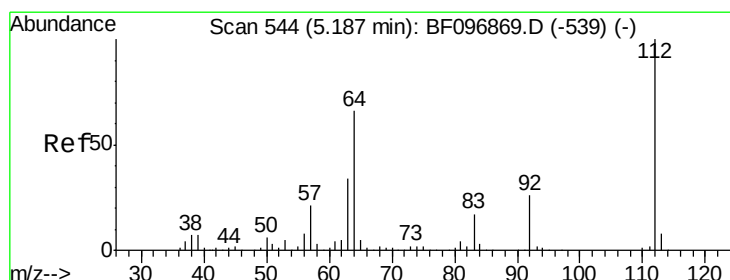
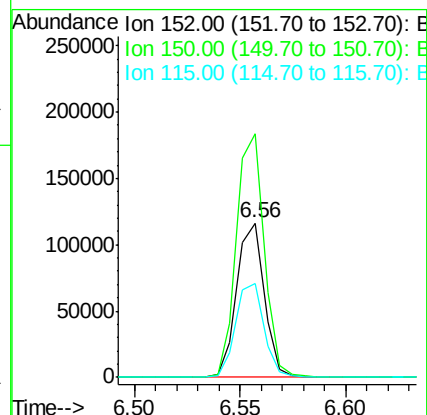
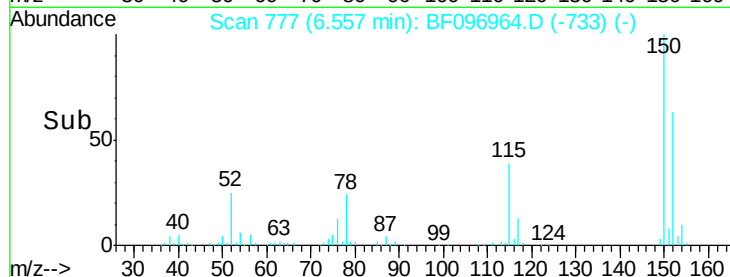
115 61.2 52.2 78.2



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: 92.48 ng

RT: 5.16 min Scan# 540

Delta R.T. -0.04 min

Lab File: BF096964.D

Acq: 22 Jul 2017 1:34

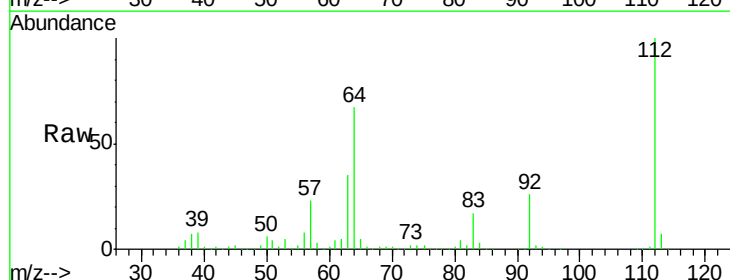
Tgt Ion:112 Resp: 643089

Ion Ratio Lower Upper

112 100

64 67.1 46.0 69.0

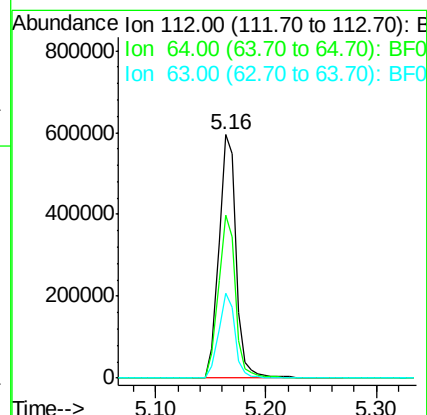
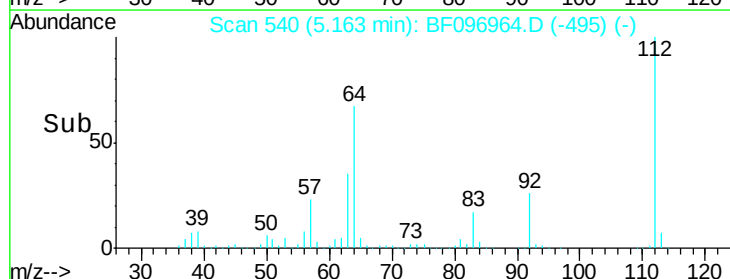
63 34.7 23.4 35.0

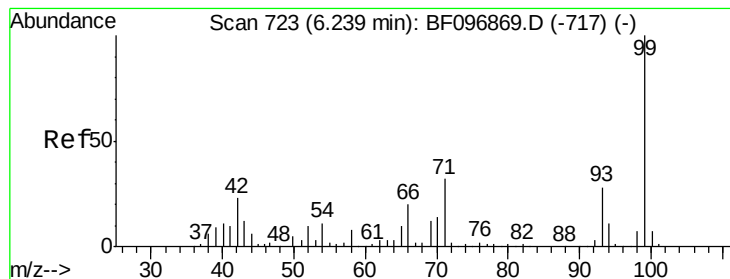


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 79.22 ng

RT: 6.21 min Scan# 718

Delta R.T. -0.04 min

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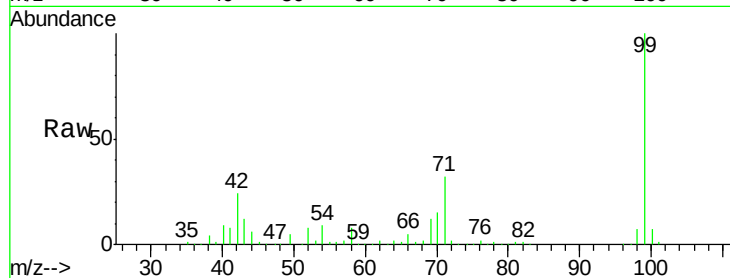
Tgt Ion: 99 Resp: 661119

Ion Ratio Lower Upper

99 100

42 23.7 13.5 20.3#

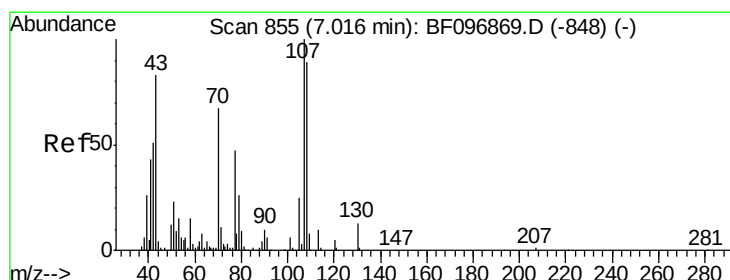
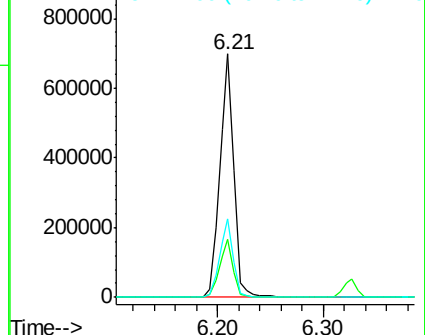
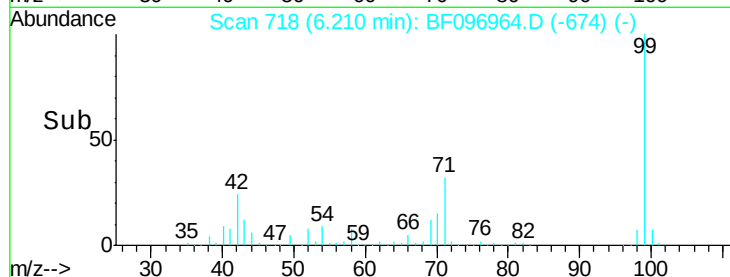
71 32.1 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.88 ng

RT: 7.12 min Scan# 873

Delta R.T. 0.09 min

Lab File: BF096964.D

Acq: 22 Jul 2017 1:34

Tgt Ion: 70 Resp: 74803

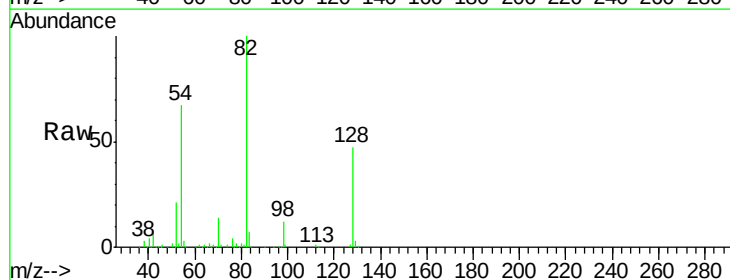
Ion Ratio Lower Upper

70 100

42 60.2 47.2 70.8

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#

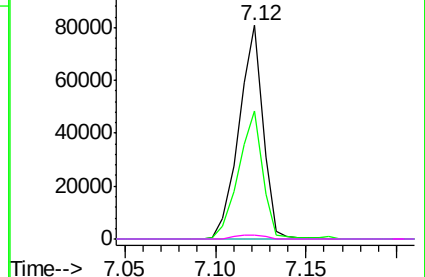
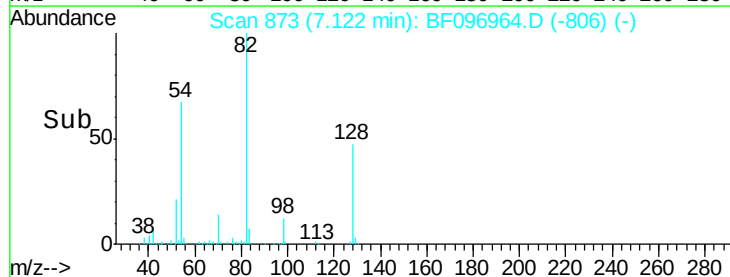


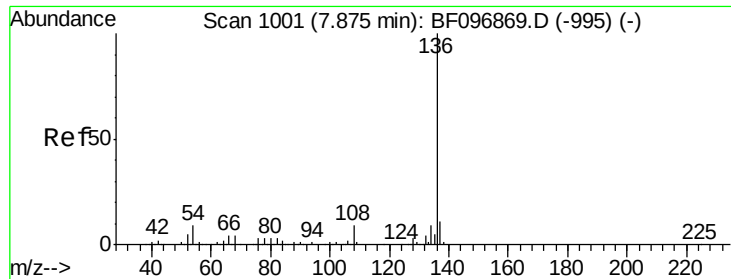
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

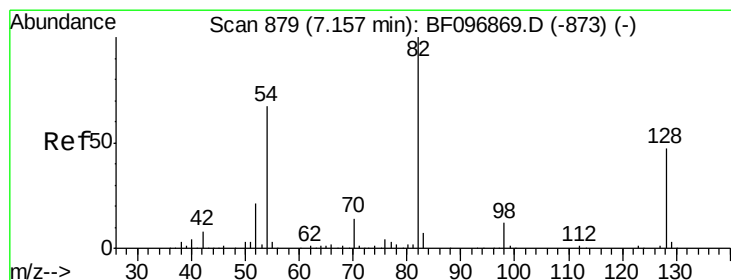
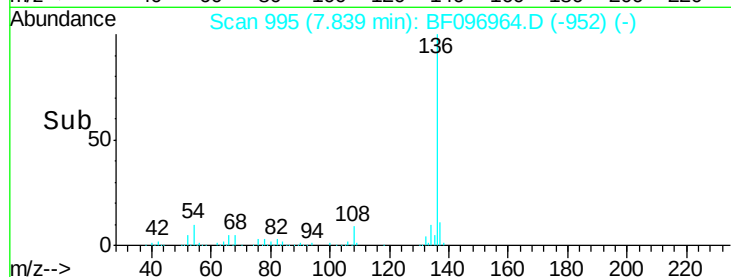
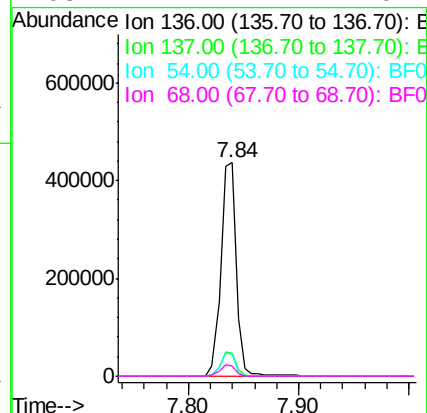
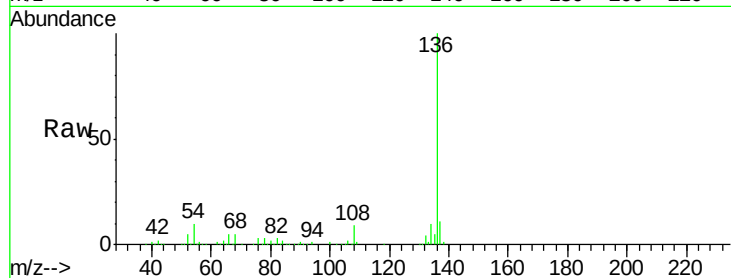




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 995
Delta R.T. -0.05 min
Lab File: BF096964.D
Acq: 22 Jul 2017 1:34

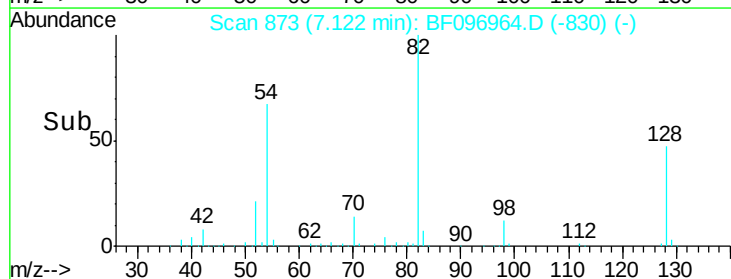
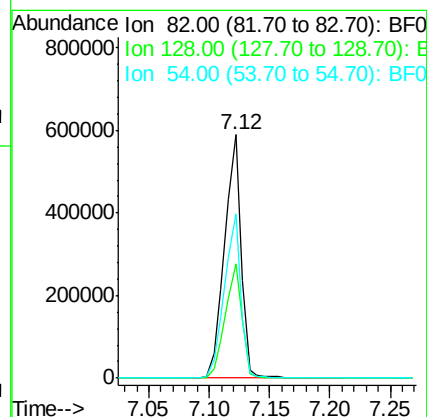
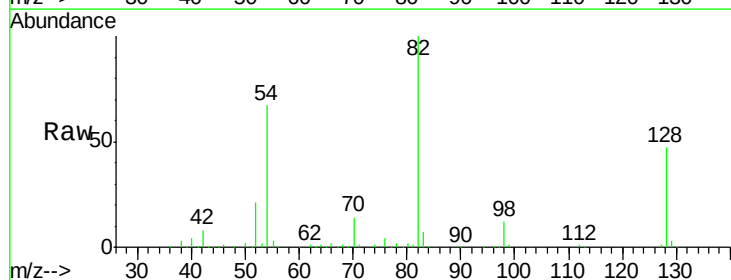
Instrument :
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ClientSampleId :
PB100832BL

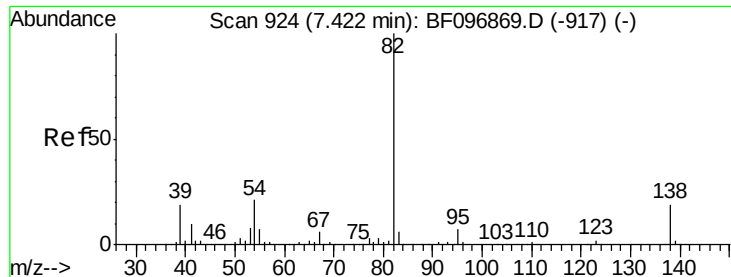
Tgt Ion:	136	Resp:	424461
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	10.0	4.9	7.3#
68	4.7	4.1	6.1



#23
Nitrobenzene-d5
Concen: 81.69 ng
RT: 7.12 min Scan# 873
Delta R.T. -0.05 min
Lab File: BF096964.D
Acq: 22 Jul 2017 1:34

Tgt Ion:	82	Resp:	559805
Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.0	51.0
54	67.2	42.2	63.2#





#25

Isophorone

Concen: 41.85 ng

RT: 7.12 min Scan# 873

Delta R.T. -0.31 min

Lab File: BF096964.D

Acq: 22 Jul 2017 1:34

Instrument :

BNA_F

ClientSampleId :

PB100832BL

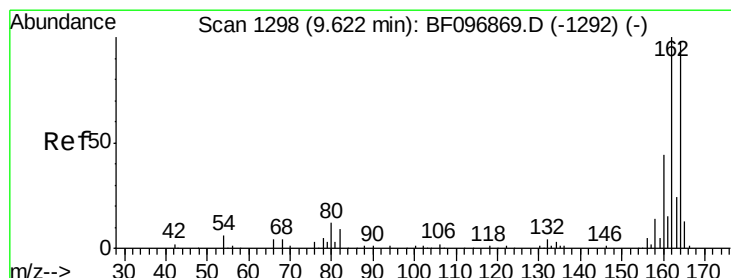
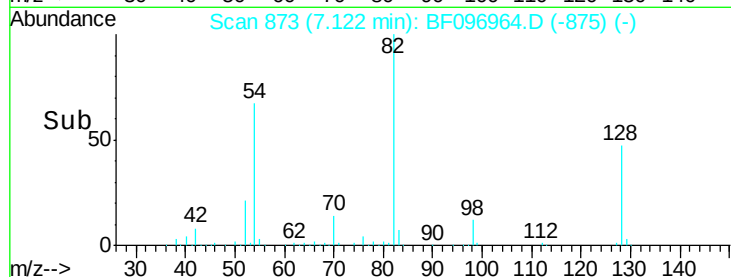
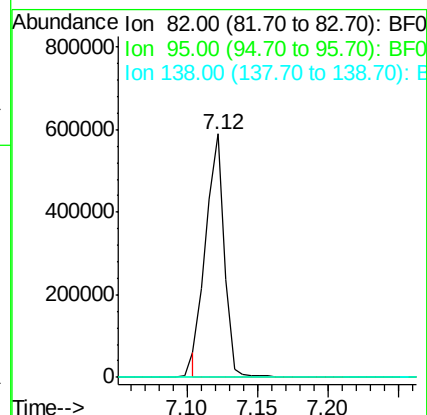
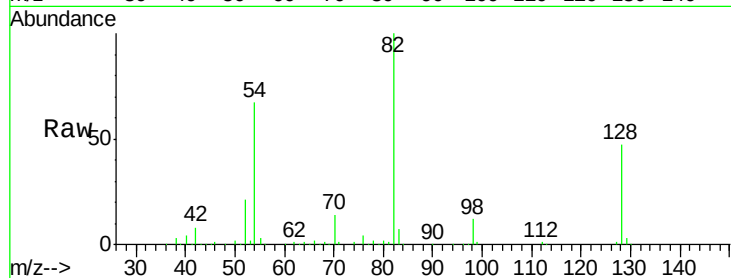
Tgt Ion: 82 Resp: 533550

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 1291

Delta R.T. -0.05 min

Lab File: BF096964.D

Acq: 22 Jul 2017 1:34

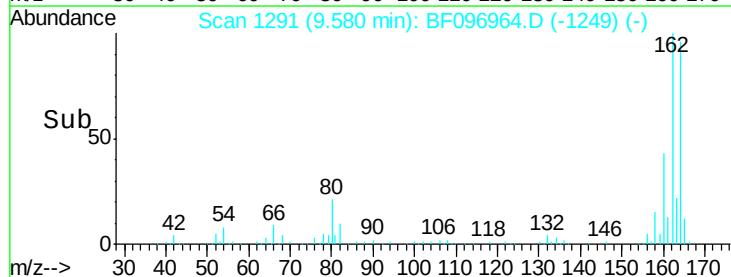
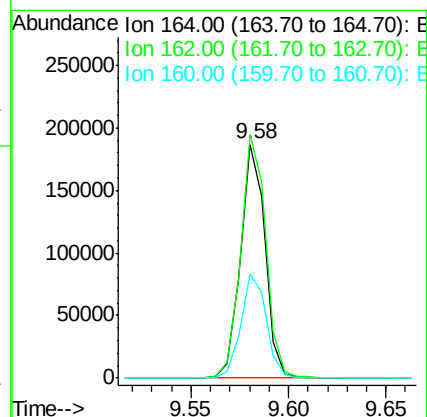
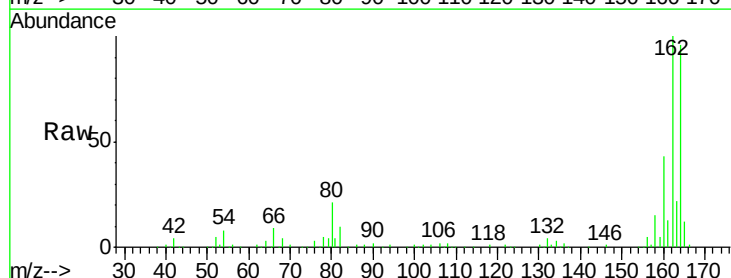
Tgt Ion: 164 Resp: 162044

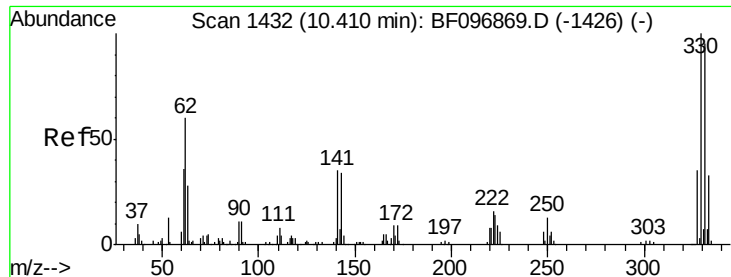
Ion Ratio Lower Upper

164 100

162 104.1 82.6 123.8

160 44.6 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 67.16 ng

RT: 10.37 min Scan# 1425

Delta R.T. -0.05 min

Lab File: BF096964.D

Acq: 22 Jul 2017 1:34

Instrument :

BNA_F

ClientSampleId :

PB100832BL

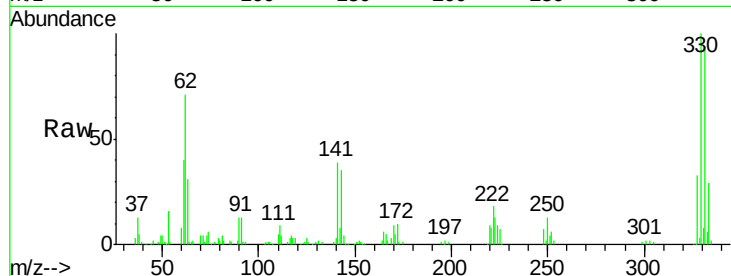
Tgt Ion:330 Resp: 92889

Ion Ratio Lower Upper

330 100

332 94.6 76.6 115.0

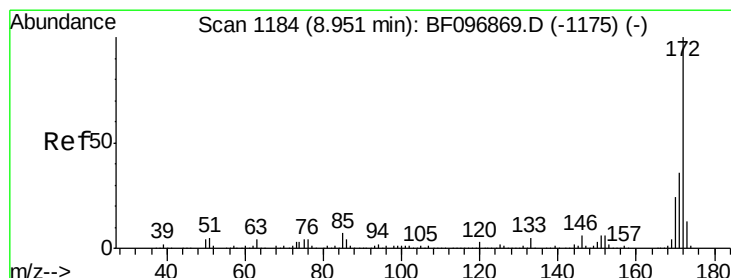
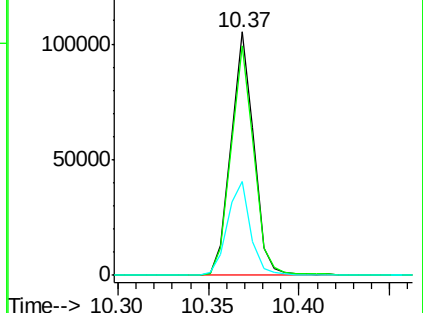
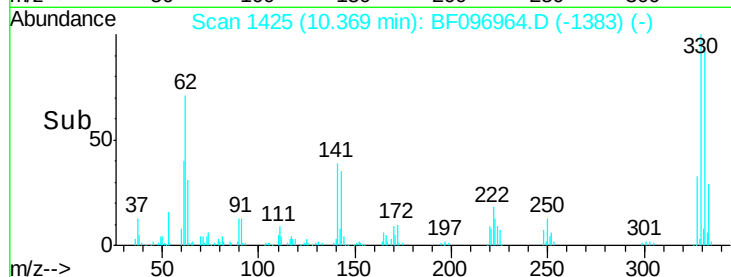
141 38.7 31.4 47.2



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: 87.87 ng

RT: 8.92 min Scan# 1178

Delta R.T. -0.05 min

Lab File: BF096964.D

Acq: 22 Jul 2017 1:34

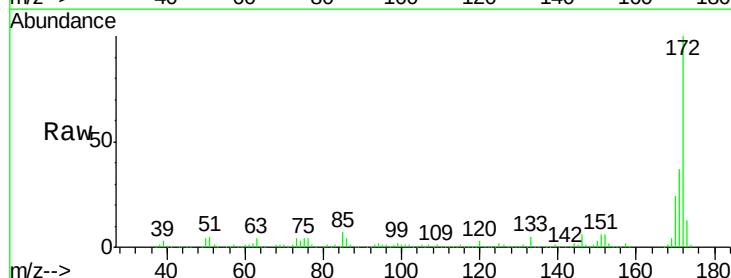
Tgt Ion:172 Resp: 901261

Ion Ratio Lower Upper

172 100

171 36.6 29.6 44.4

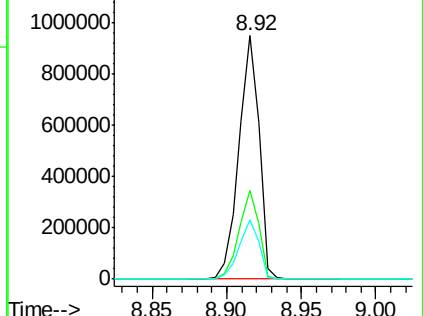
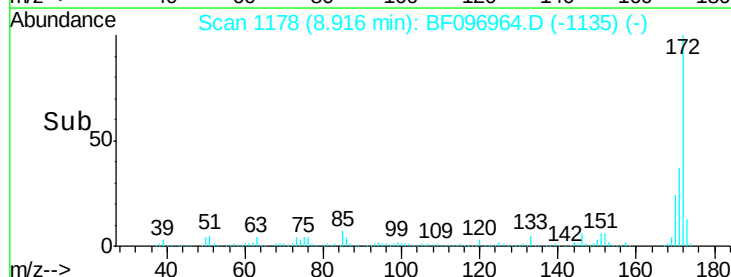
170 24.2 19.8 29.8

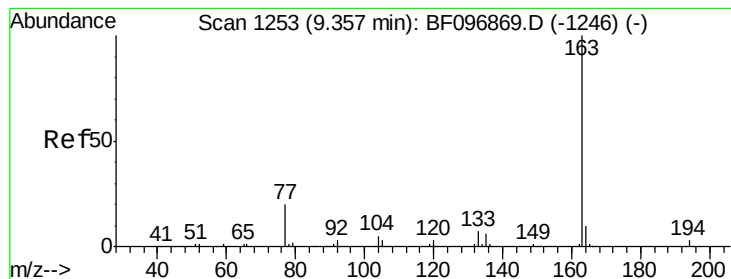


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.86 ng

RT: 9.59 min Scan# 1292

Delta R.T. 0.22 min

Lab File: BF096964.D

Acq: 22 Jul 2017 1:34

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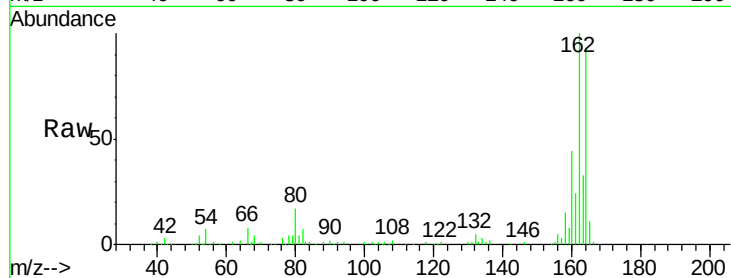
Tgt Ion:163 Resp: 47040

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

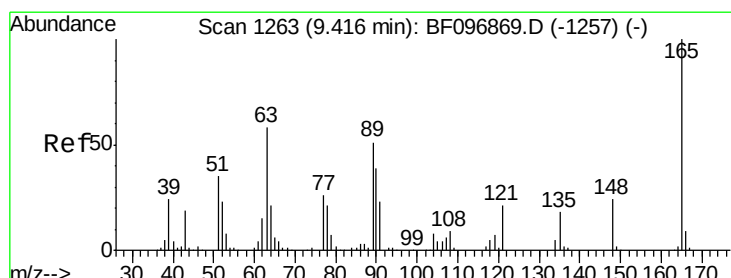
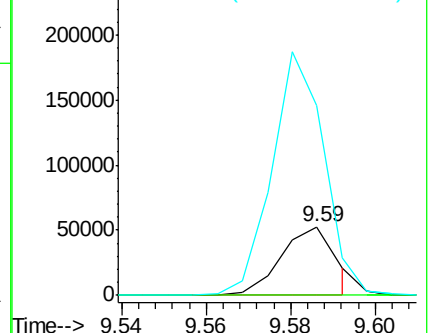
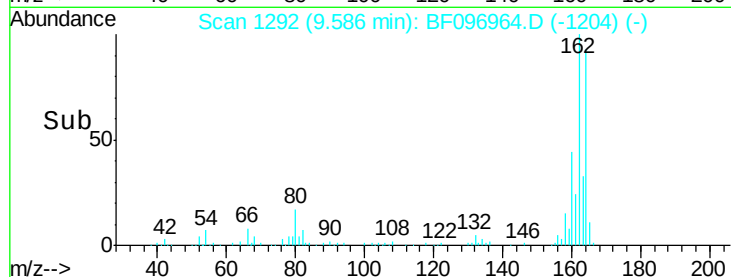
164 277.1 8.4 12.6#



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: 7.58 ng

RT: 9.58 min Scan# 1291

Delta R.T. 0.15 min

Lab File: BF096964.D

Acq: 22 Jul 2017 1:34

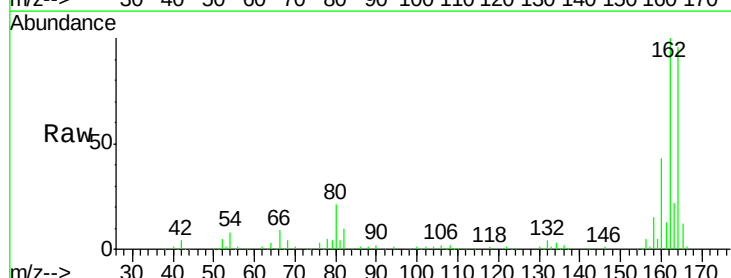
Tgt Ion:165 Resp: 20032

Ion Ratio Lower Upper

165 100

63 1.3 34.3 51.5#

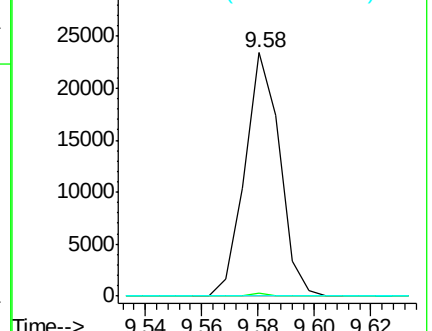
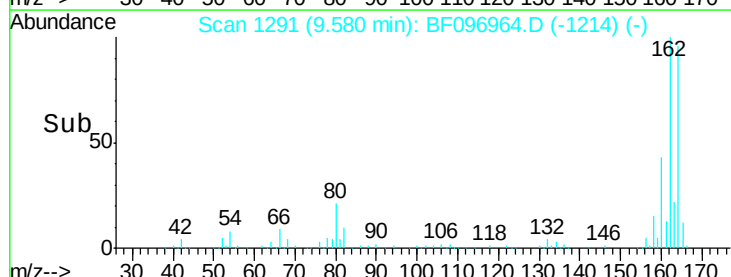
89 0.0 37.1 55.7#

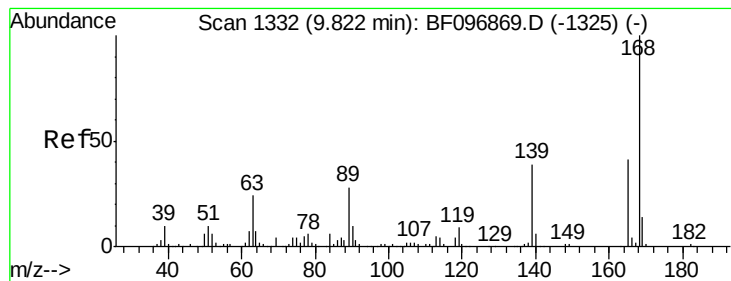


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 5.90 ng

RT: 9.58 min Scan# 1291

Delta R.T. -0.25 min

Lab File: BF096964.D

Acq: 22 Jul 2017 1:34

Instrument :

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Tgt Ion:165 Resp: 20032

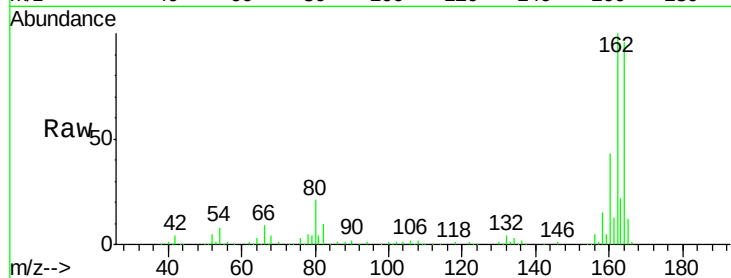
Ion Ratio Lower Upper

165 100

63 1.3 25.4 38.0#

89 0.0 46.4 69.6#

182 0.0 1.8 2.6#

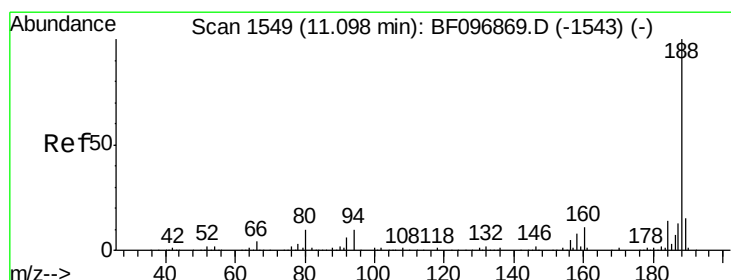
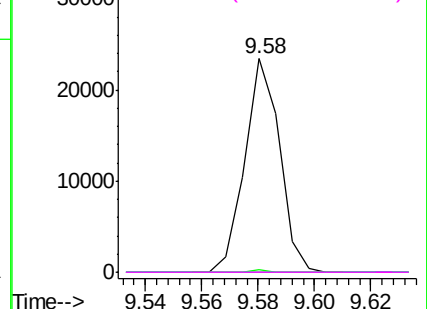
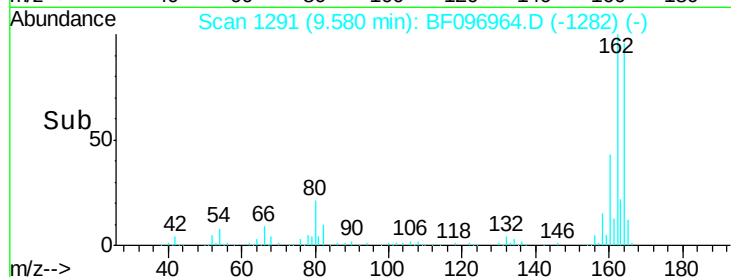


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.06 min Scan# 1542

Delta R.T. -0.05 min

Lab File: BF096964.D

Acq: 22 Jul 2017 1:34

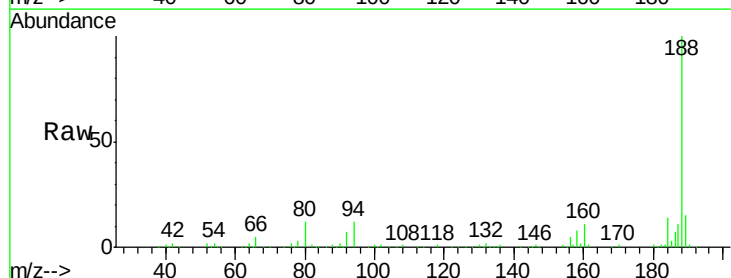
Tgt Ion:188 Resp: 222633

Ion Ratio Lower Upper

188 100

94 12.3 9.4 14.2

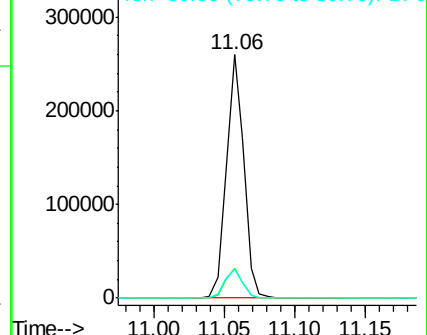
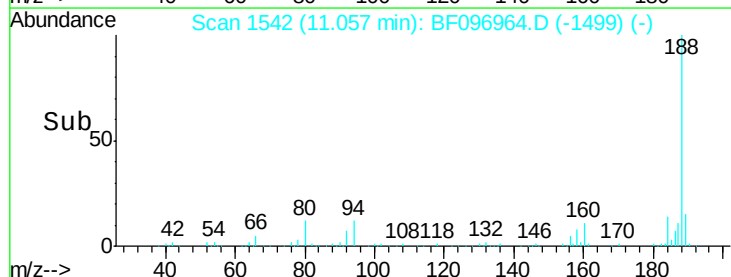
80 12.0 10.2 15.2

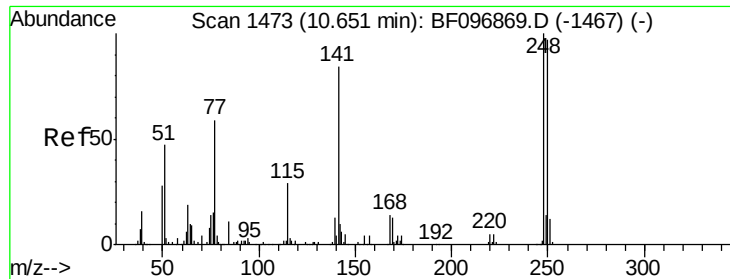


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

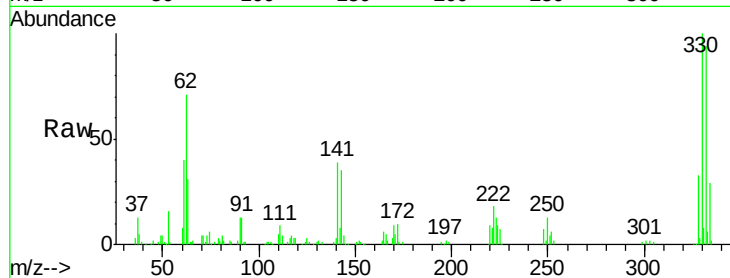




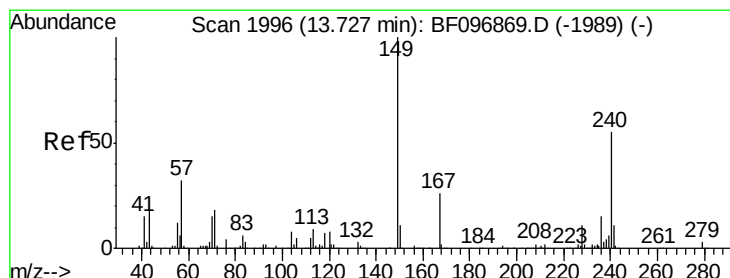
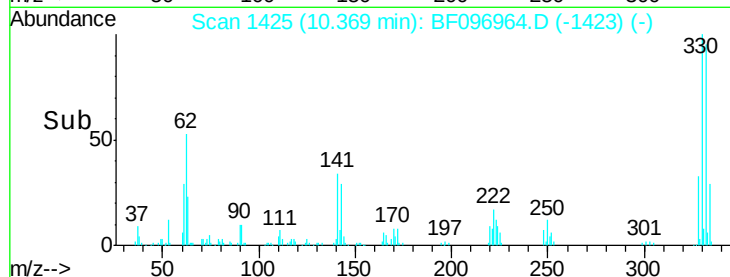
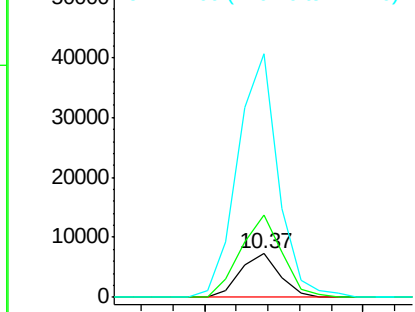
#66
4-Bromophenyl-phenylether
Concen: 2.77 ng
RT: 10.37 min Scan# 1425
Delta R.T. -0.29 min
Lab File: BF096964.D
Acq: 22 Jul 2017 1:34

Instrument :
BNA_F
ClientSampleId :
PB100832BL

Tgt Ion:248 Resp: 6303
Ion Ratio Lower Upper
248 100
250 188.1 76.8 115.2#
141 556.2 68.6 103.0#

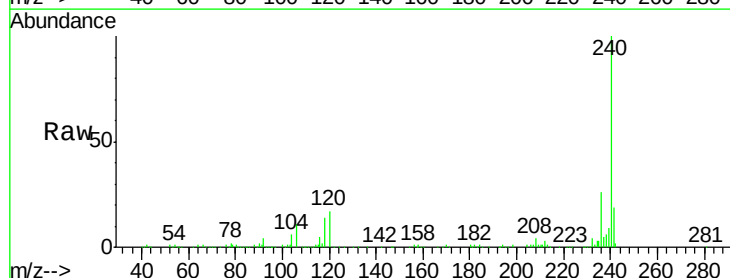


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

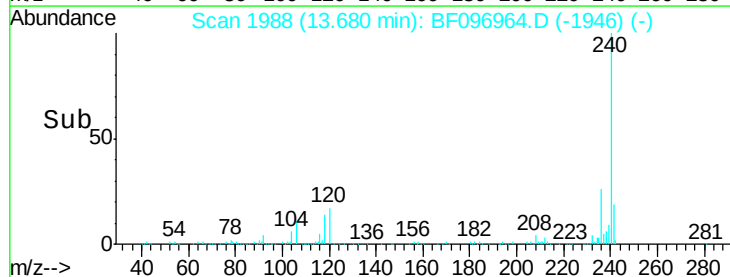
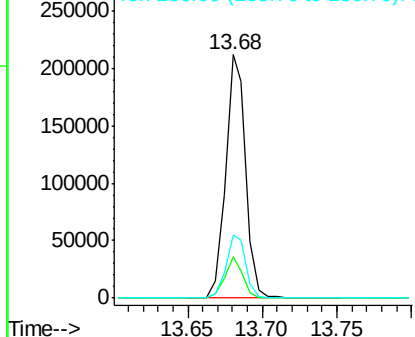


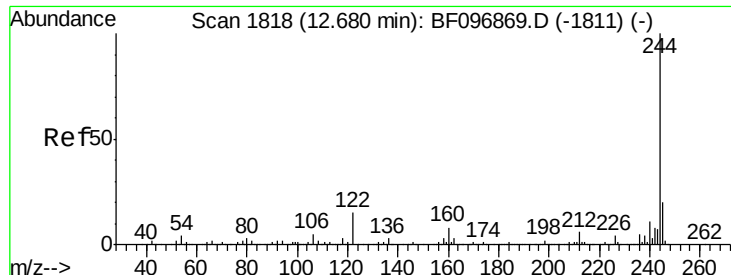
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.68 min Scan# 1988
Delta R.T. -0.05 min
Lab File: BF096964.D
Acq: 22 Jul 2017 1:34

Tgt Ion:240 Resp: 200164
Ion Ratio Lower Upper
240 100
120 17.0 5.8 8.8#
236 26.0 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

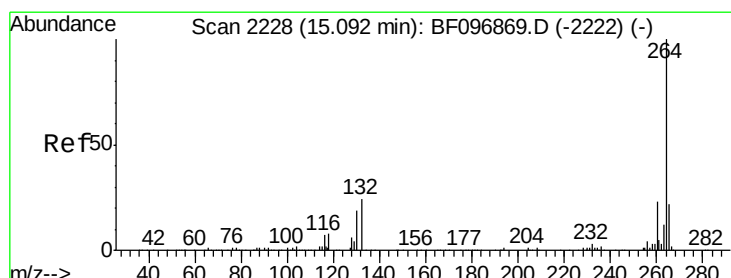
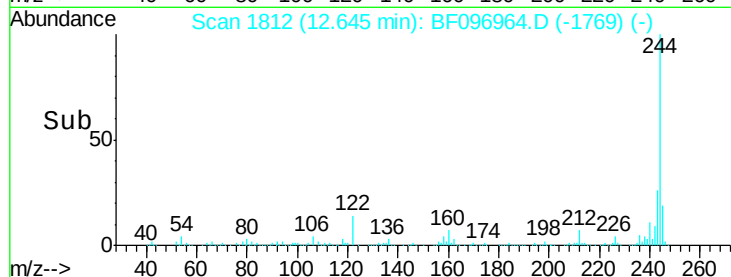
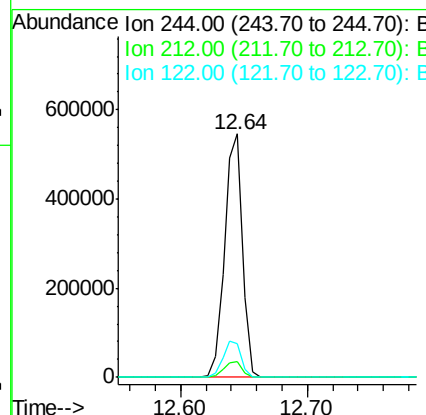
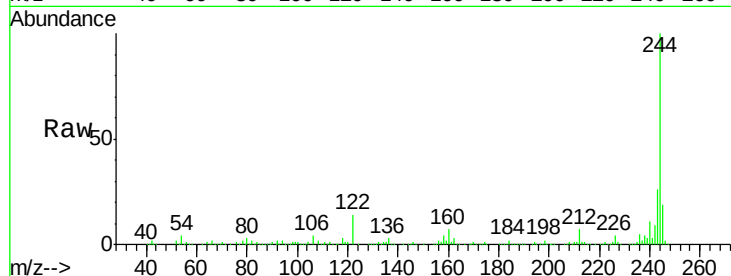




#78
 Terphenyl-d14
 Concen: 46.29 ng
 RT: 12.64 min Scan# 1812
 Delta R.T. -0.05 min
 Lab File: BF096964.D
 Acq: 22 Jul 2017 1:34

Instrument :
 BNA_F
 ClientSampleId :
 PB100832BL

Tgt Ion:244 Resp: 534239
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 14.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 2220
 Delta R.T. -0.06 min
 Lab File: BF096964.D
 Acq: 22 Jul 2017 1:34

Tgt Ion:264 Resp: 184336
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 21.8 17.2 25.8

