

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
 Data File : BF096860.D
 Acq On : 18 Jul 2017 22:53
 Operator : SJ/JU
 Sample : PB100719BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100719BL

Quant Time: Jul 19 01:15:41 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

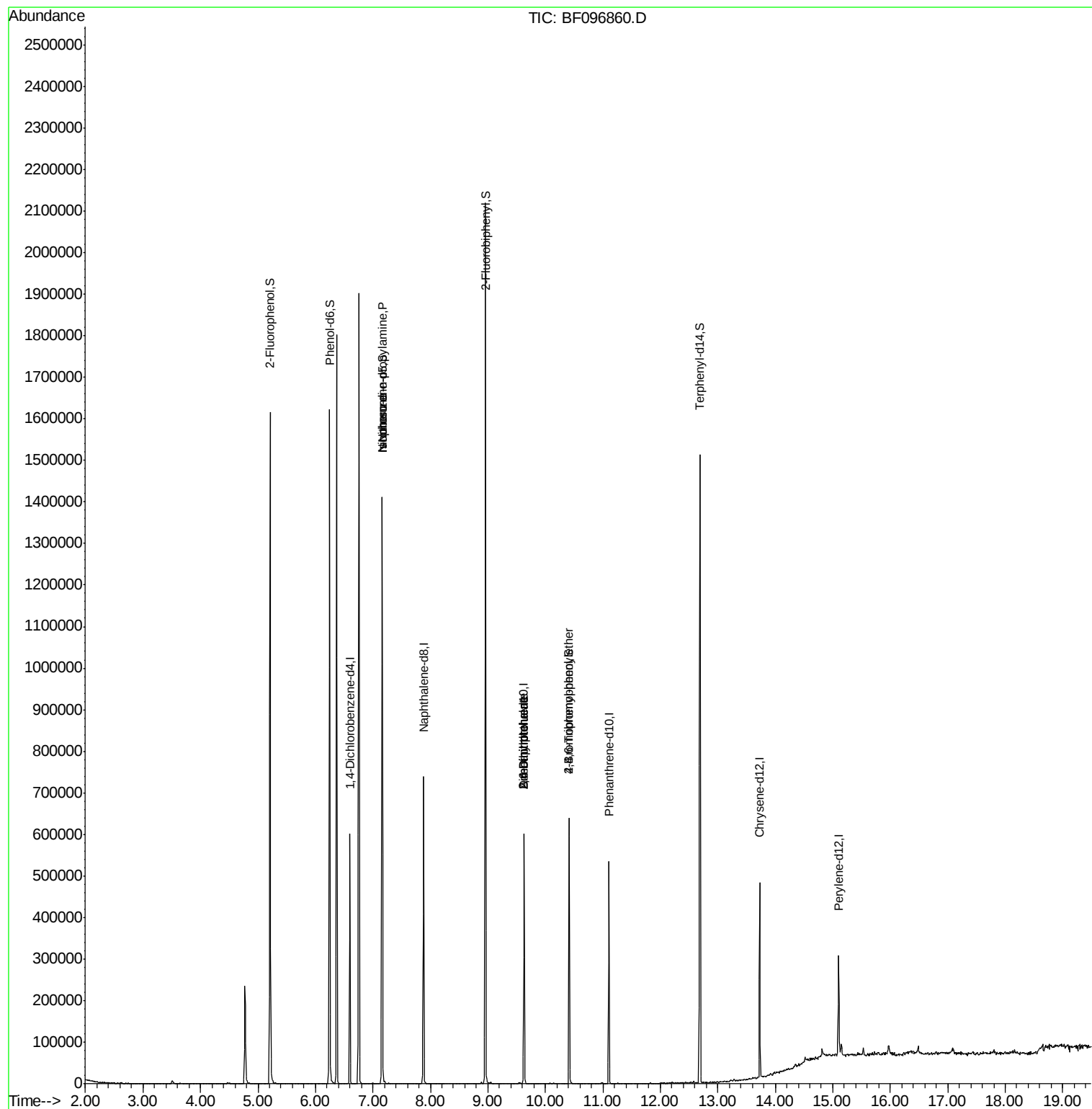
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	82020	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	323251	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	118052	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	170394	20.00	ng	0.00
75) Chrysene-d12	13.73	240	153653	20.00	ng	0.00
86) Perylene-d12	15.10	264	97629	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	451340	82.74	ng	0.01
7) Phenol-d6	6.25	99	524543	80.13	ng	0.00
23) Nitrobenzene-d5	7.16	82	416945	79.89	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	73133	72.58	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	752359	100.69	ng	0.00
78) Terphenyl-d14	12.69	244	497407	56.14	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	54689	13.87	ng	# 89
25) Isophorone	7.16	82	414886	42.74	ng	# 67
49) Dimethylphthalate	9.63	163	34468	3.88	ng	# 1
50) 2,6-Dinitrotoluene	9.63	165	14778	7.68	ng	# 33
56) 2,4-Dinitrotoluene	9.63	165	14778	5.97	ng	# 32
66) 4-Bromophenyl-phenylether	10.42	248	4621	2.66	ng	# 1

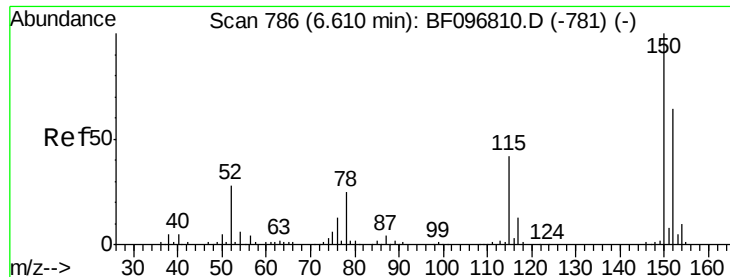
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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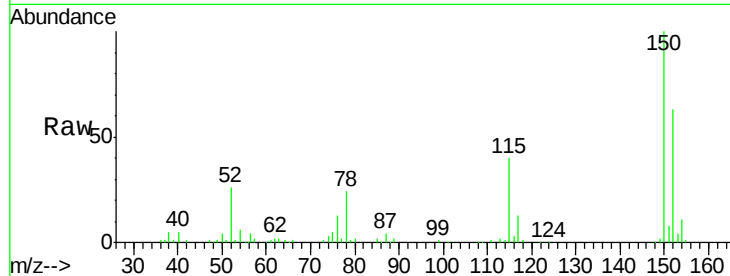


#1

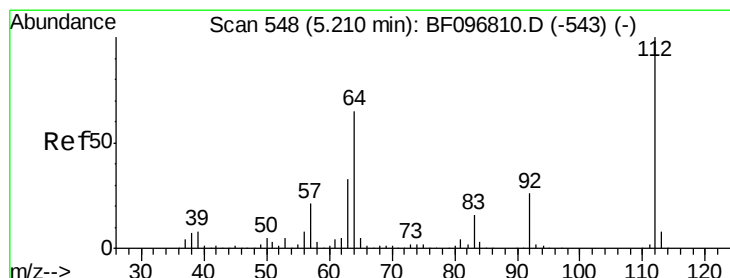
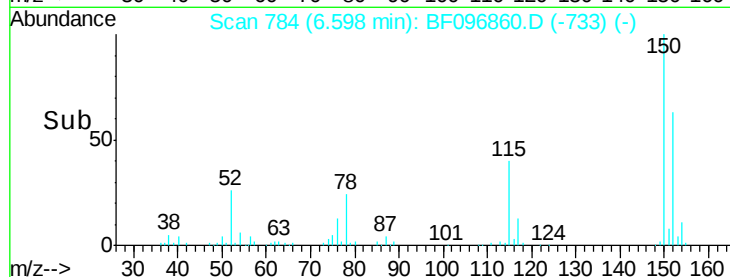
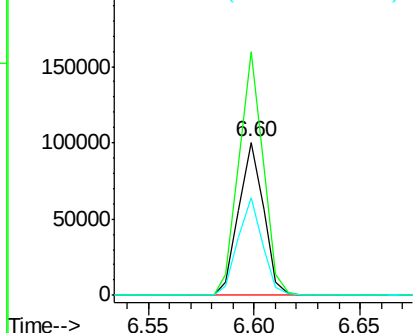
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF096860.D
Acq: 18 Jul 2017 22:53

Instrument :
BNA_F
ClientSampleId :
PB100719BL

Tot Ion:152 Resp: 82020
Ion Ratio Lower Upper
152 100
150 158.8 126.2 189.2
115 63.7 52.2 78.2



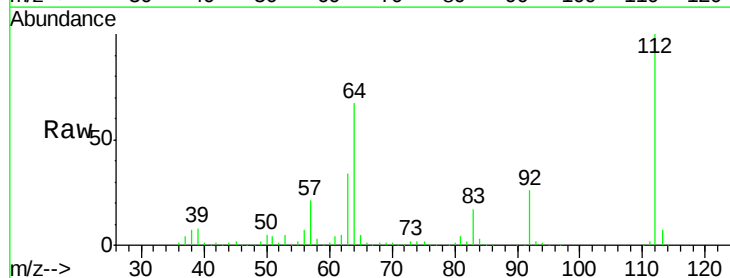
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



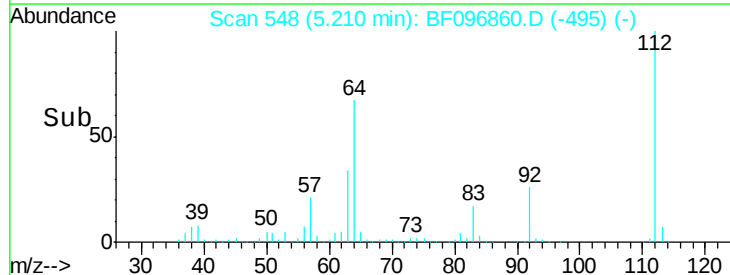
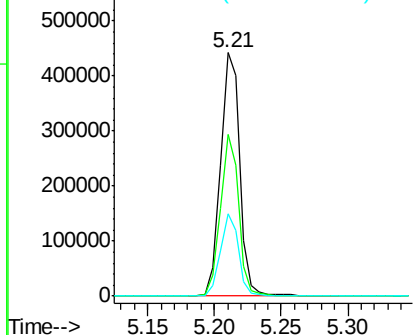
#5

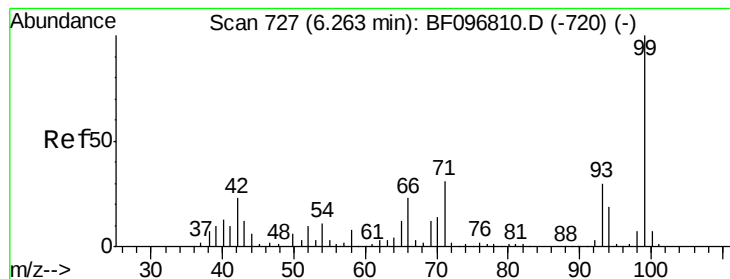
2-Fluorophenol
Concen: 82.74 ng
RT: 5.21 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF096860.D
Acq: 18 Jul 2017 22:53

Tgt Ion:112 Resp: 451340
Ion Ratio Lower Upper
112 100
64 66.7 46.0 69.0
63 33.6 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: 80.13 ng

RT: 6.25 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096860.D

Acq: 18 Jul 2017 22:53

Instrument :

BNA_F

ClientSampleId :

PB100719BL

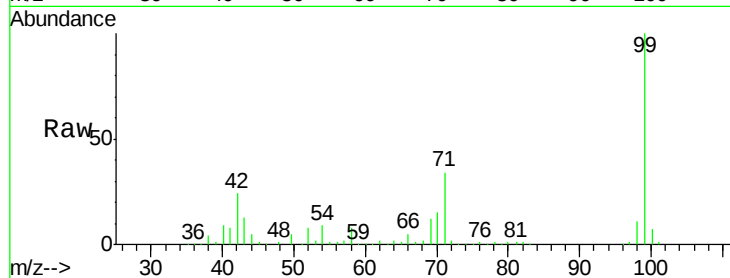
Tot Ion: 99 Resp: 524543

Ion Ratio Lower Upper

99 100

42 23.9 13.5 20.3#

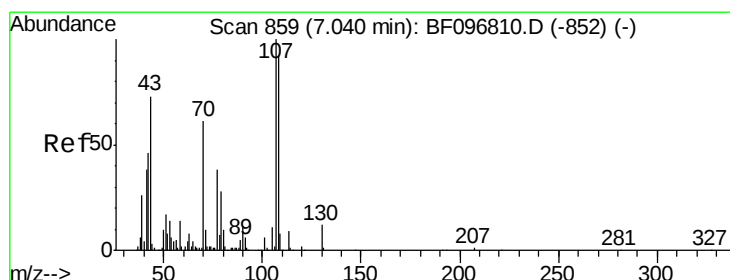
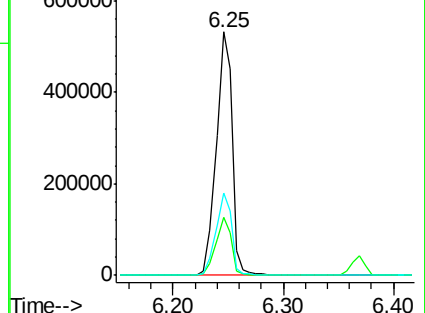
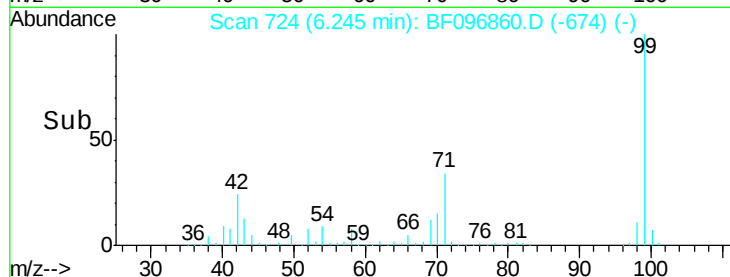
71 33.8 24.5 36.7



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: 13.87 ng

RT: 7.16 min Scan# 880

Delta R.T. 0.14 min

Lab File: BF096860.D

Acq: 18 Jul 2017 22:53

Tgt Ion: 70 Resp: 54689

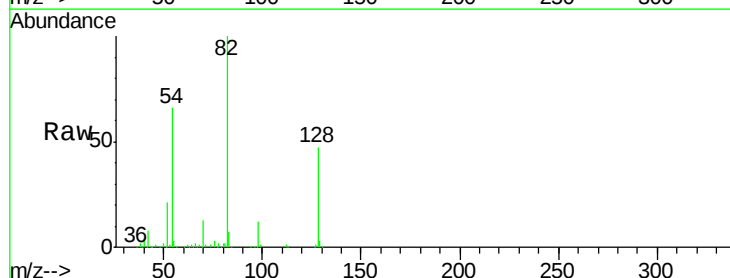
Ion Ratio Lower Upper

70 100

42 59.2 47.2 70.8

101 0.0 7.2 10.8#

130 2.7 15.9 23.9#

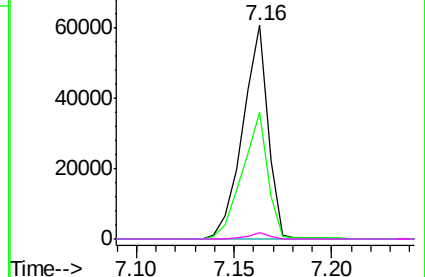
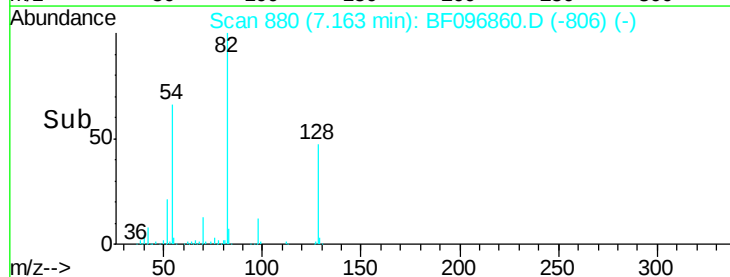


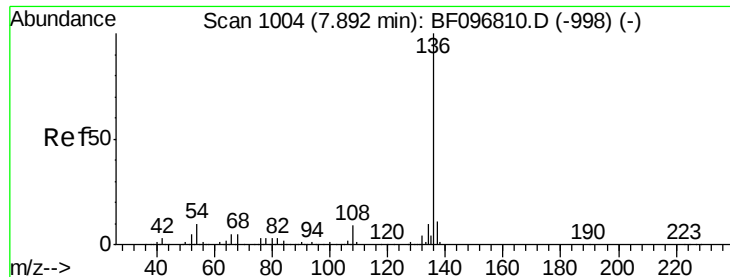
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF096860.D

Acq: 18 Jul 2017 22:53

Instrument :

BNA_F

ClientSampleId :

PB100719BL

Tot Ion:136 Resp: 323251

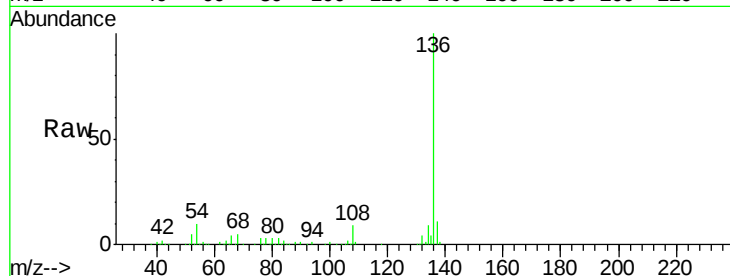
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 9.7 4.9 7.3#

68 4.5 4.1 6.1

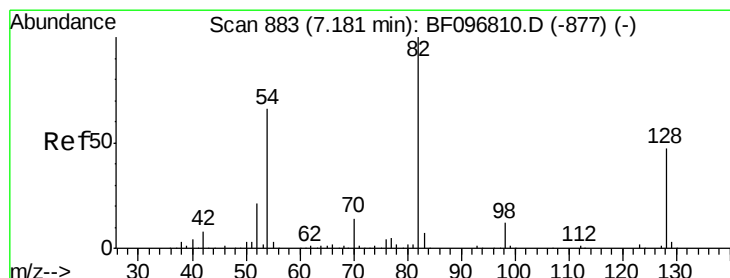
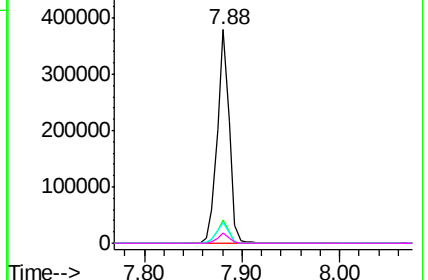
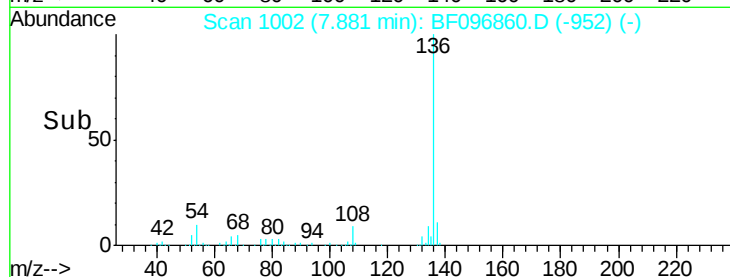


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 79.89 ng

RT: 7.16 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF096860.D

Acq: 18 Jul 2017 22:53

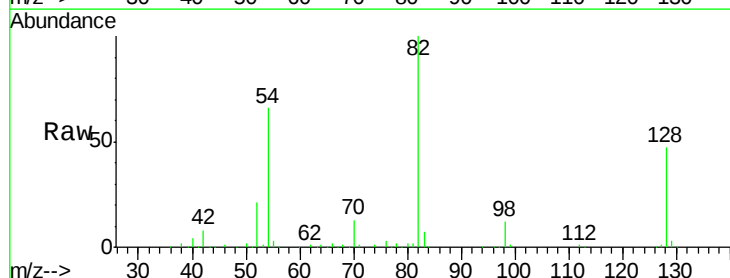
Tgt Ion: 82 Resp: 416945

Ion Ratio Lower Upper

82 100

128 47.3 34.0 51.0

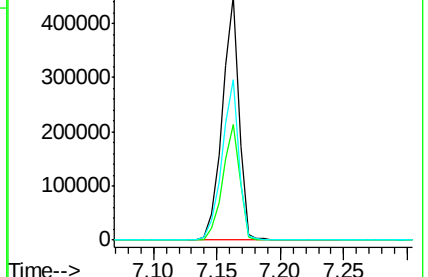
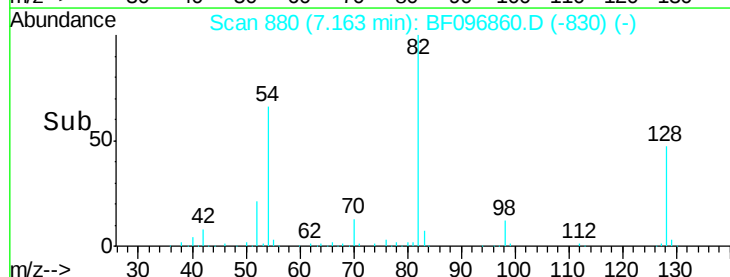
54 66.0 42.2 63.2#

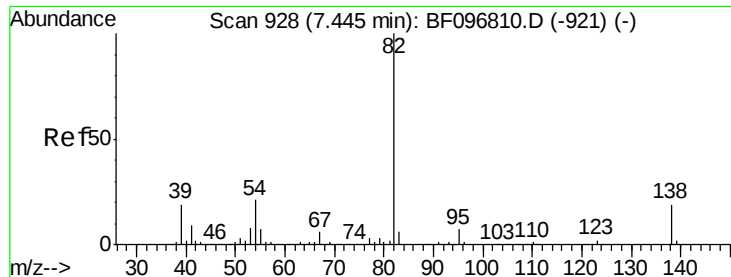


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 42.74 ng

RT: 7.16 min Scan# 880

Delta R.T. -0.27 min

Lab File: BF096860.D

Acq: 18 Jul 2017 22:53

Instrument :

BNA_F

ClientSampleId :

PB100719BL

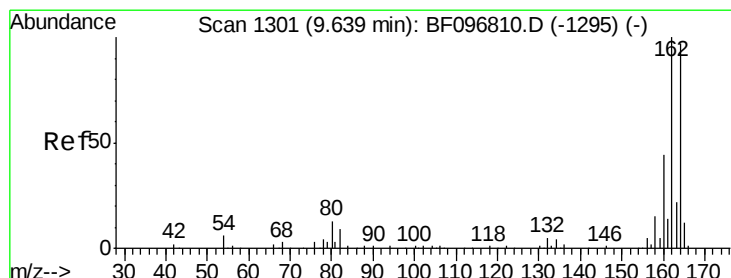
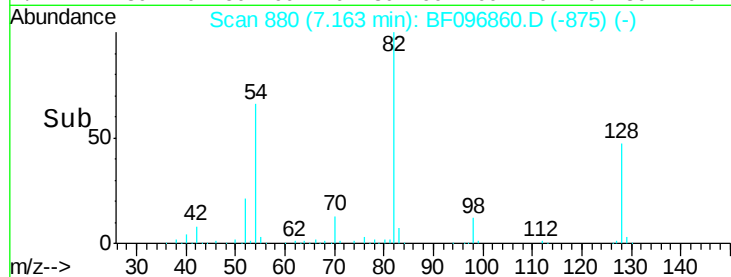
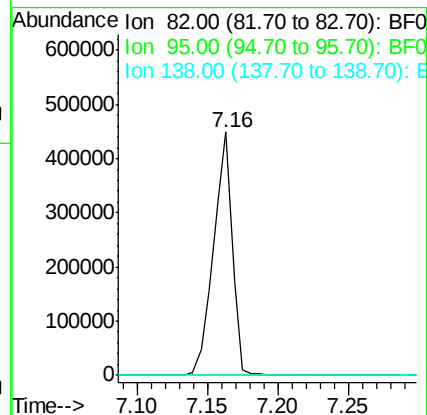
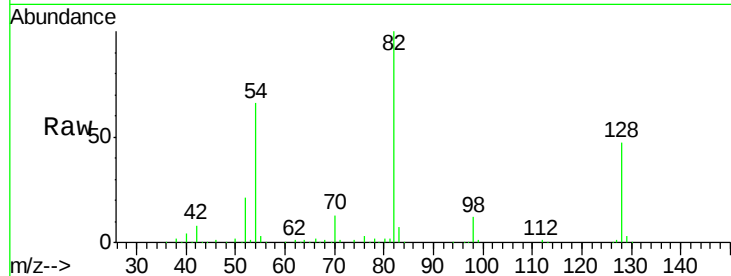
Tot Ion: 82 Resp: 414886

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: 9.63 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF096860.D

Acq: 18 Jul 2017 22:53

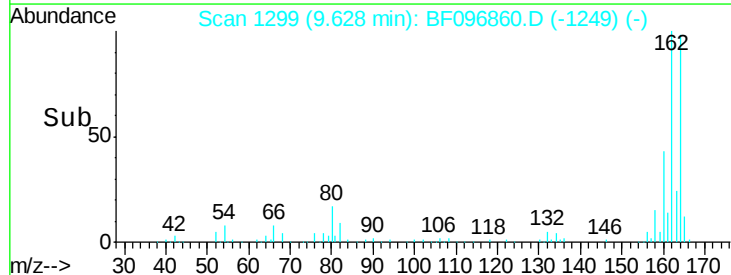
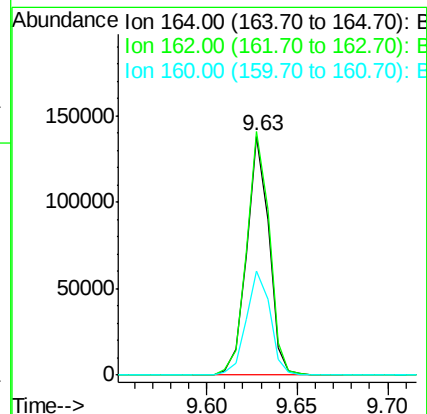
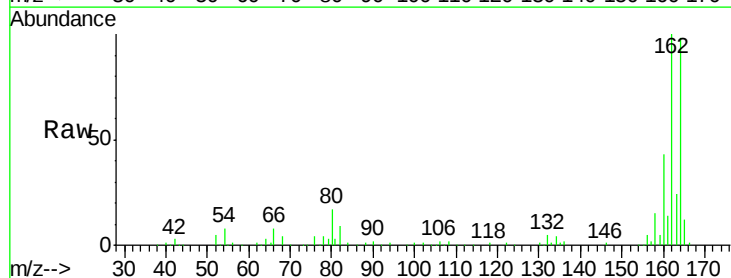
Tgt Ion: 164 Resp: 118052

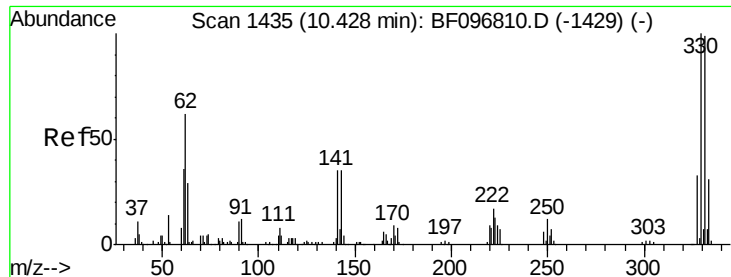
Ion Ratio Lower Upper

164 100

162 101.9 82.6 123.8

160 43.7 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 72.58 ng

RT: 10.42 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF096860.D

Acq: 18 Jul 2017 22:53

Instrument :

BNA_F

ClientSampled :

PB100719BL

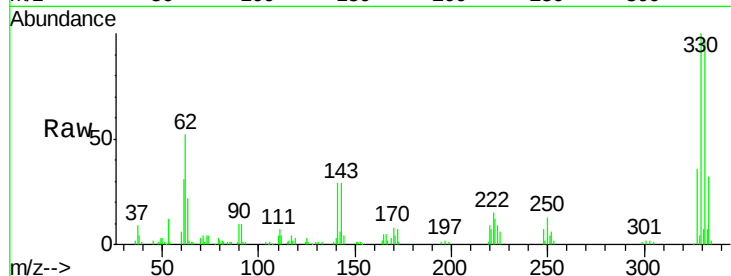
Tot Ion:330 Resp: 73133

Ion Ratio Lower Upper

330 100

332 96.5 76.6 115.0

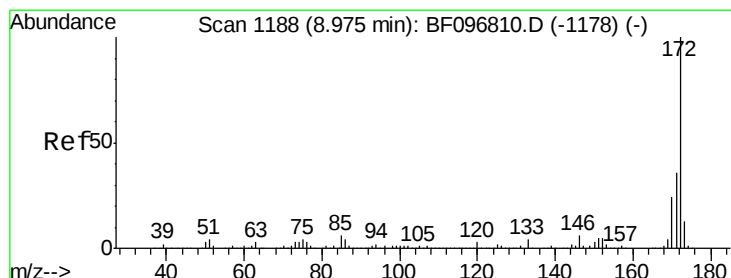
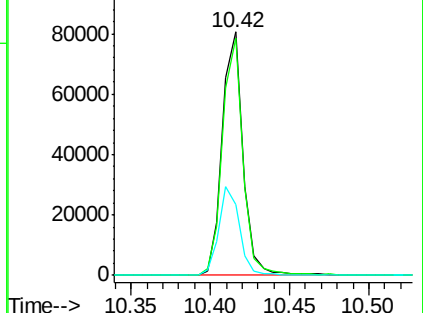
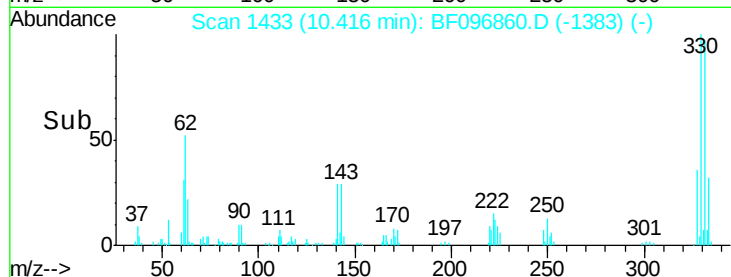
141 36.2 31.4 47.2



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: 100.69 ng

RT: 8.96 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF096860.D

Acq: 18 Jul 2017 22:53

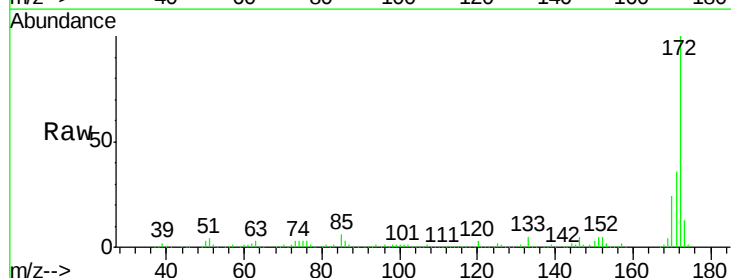
Tgt Ion:172 Resp: 752359

Ion Ratio Lower Upper

172 100

171 36.4 29.6 44.4

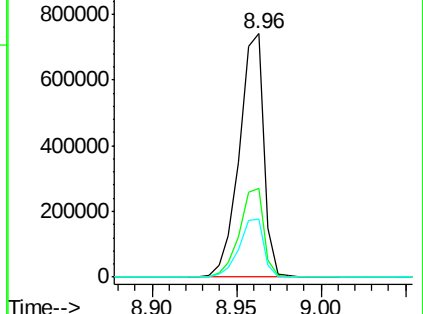
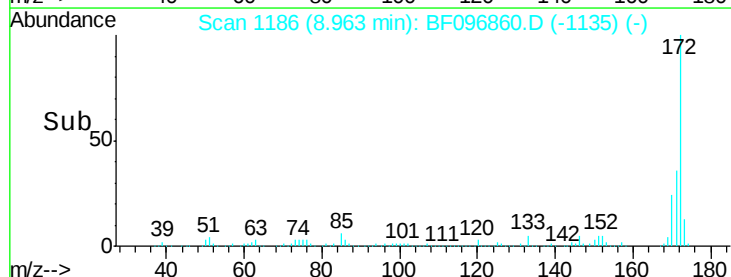
170 23.8 19.8 29.8

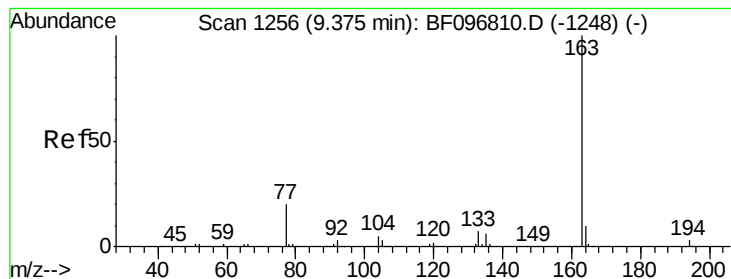


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.88 ng

RT: 9.63 min Scan# 1300

Delta R.T. 0.26 min

Lab File: BF096860.D

Acq: 18 Jul 2017 22:53

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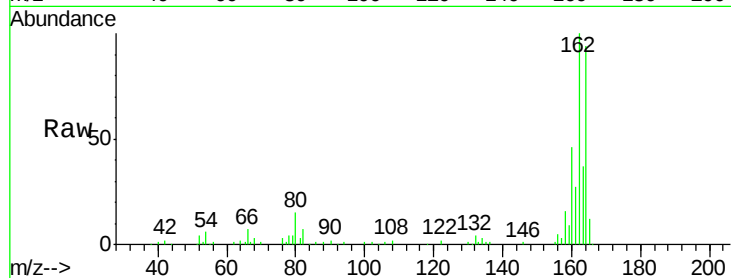
Tot Ion:163 Resp: 34468

Ion Ratio Lower Upper

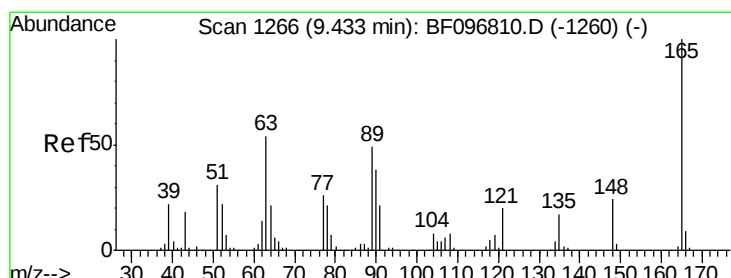
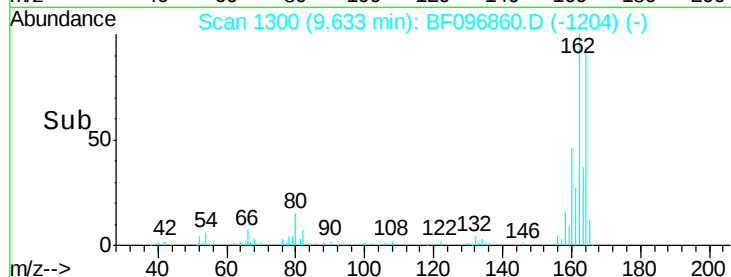
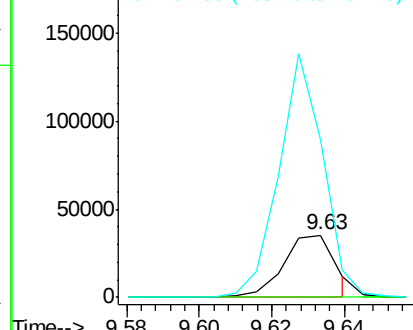
163 100

194 0.0 2.6 4.0#

164 254.9 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: 7.68 ng

RT: 9.63 min Scan# 1299

Delta R.T. 0.20 min

Lab File: BF096860.D

Acq: 18 Jul 2017 22:53

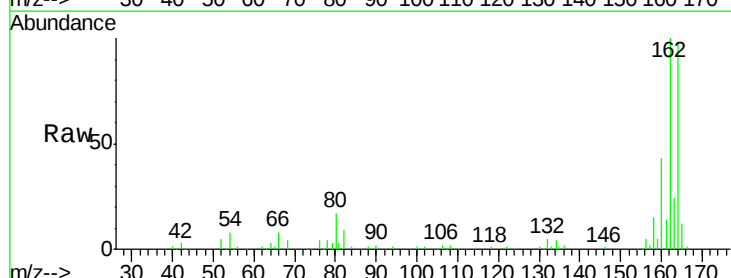
Tgt Ion:165 Resp: 14778

Ion Ratio Lower Upper

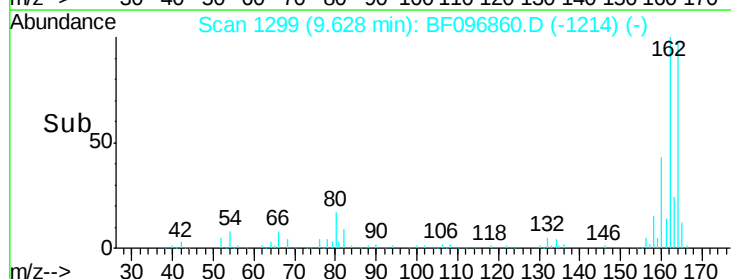
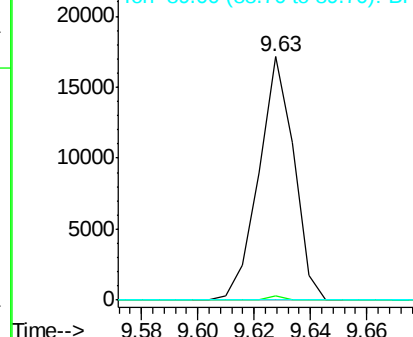
165 100

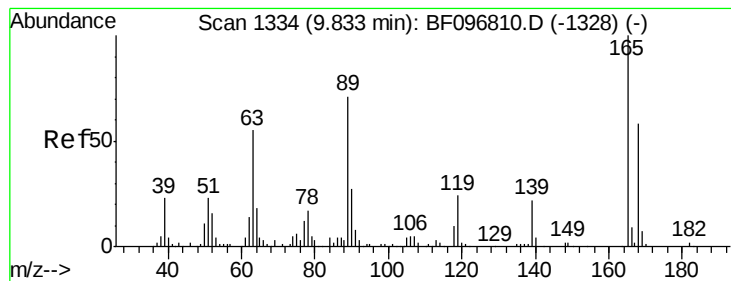
63 1.9 34.3 51.5#

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: 5.97 ng

RT: 9.63 min Scan# 1299

Delta R.T. -0.20 min

Lab File: BF096860.D

Acq: 18 Jul 2017 22:53

Instrument :

BNA_F

ClientSampleId :

PB100719BL

Tot Ion:165 Resp: 14778

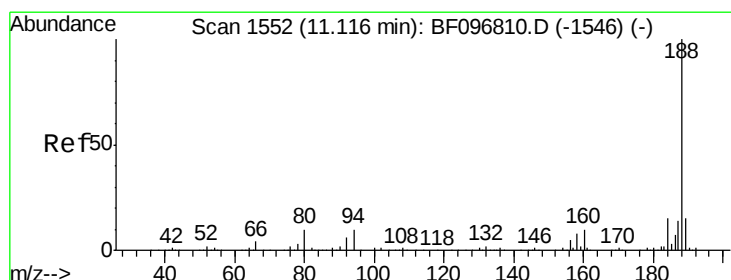
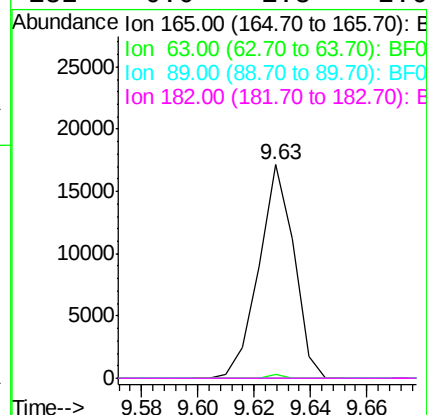
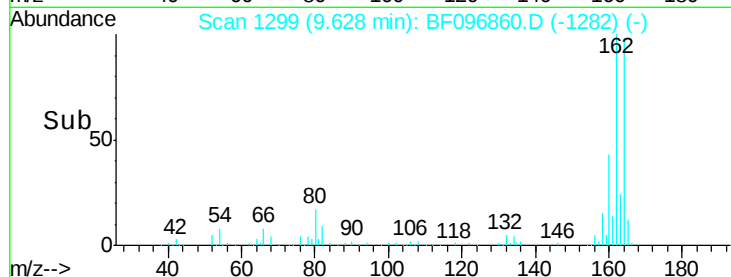
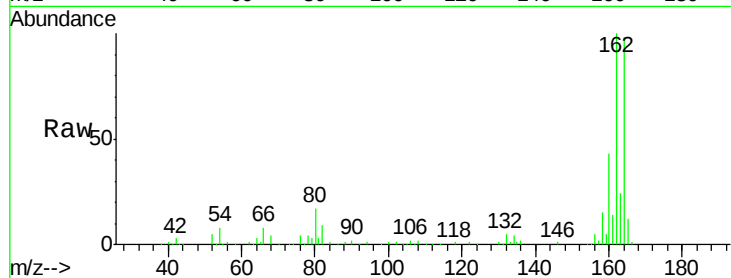
Ion Ratio Lower Upper

165 100

63 1.9 25.4 38.0#

89 0.0 46.4 69.6#

182 0.0 1.8 2.6#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.10 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BF096860.D

Acq: 18 Jul 2017 22:53

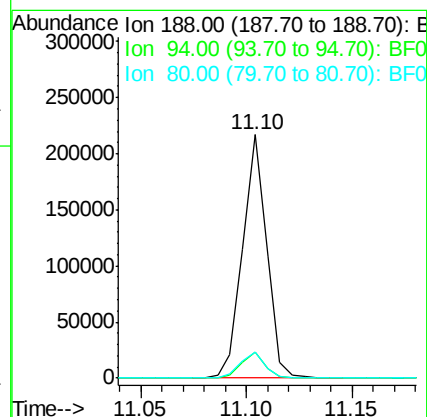
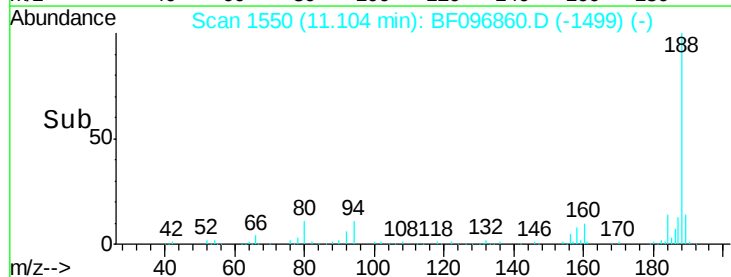
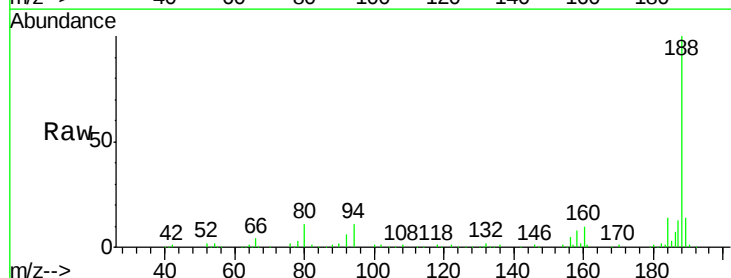
Tgt Ion:188 Resp: 170394

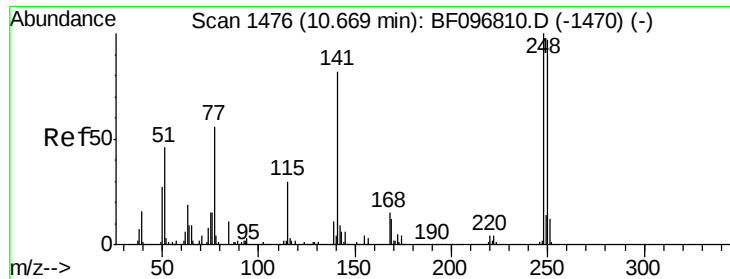
Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

80 10.5 10.2 15.2

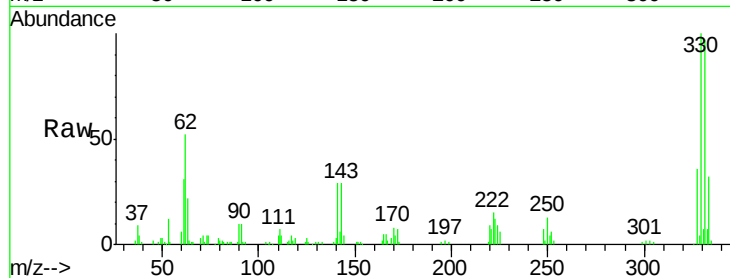




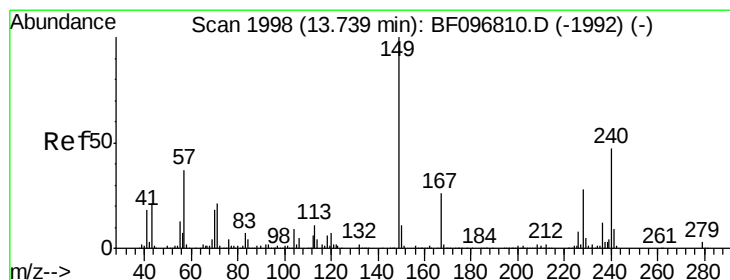
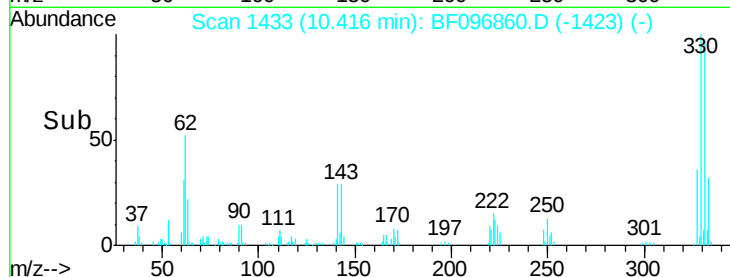
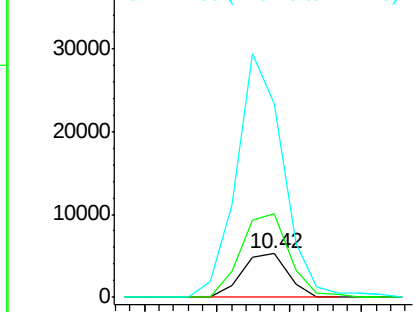
#66
4-Bromophenyl-phenylether
Concen: 2.66 ng
RT: 10.42 min Scan# 1433
Delta R.T. -0.24 min
Lab File: BF096860.D
Acq: 18 Jul 2017 22:53

Instrument :
BNA_F
ClientSampleId :
PB100719BL

Tot Ion:248 Resp: 4621
Ion Ratio Lower Upper
248 100
250 193.2 76.8 115.2#
141 444.7 68.6 103.0#

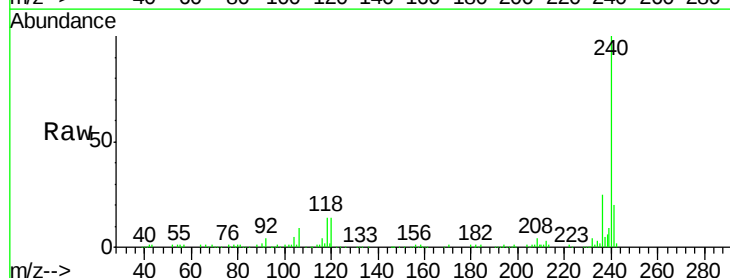


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

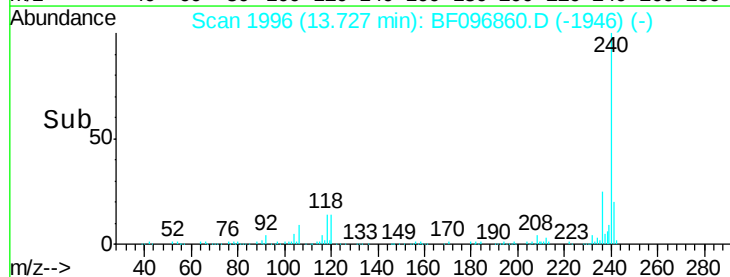
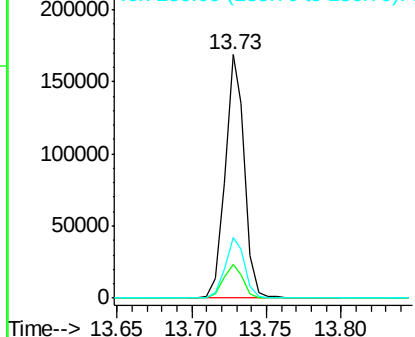


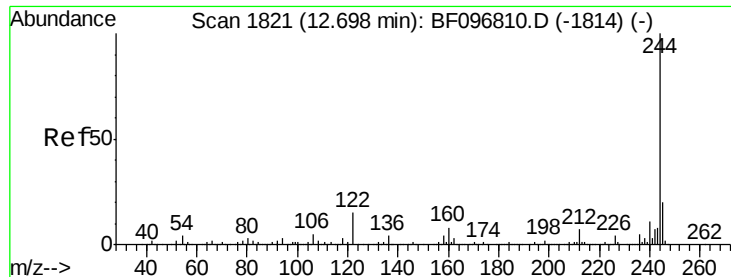
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF096860.D
Acq: 18 Jul 2017 22:53

Tgt Ion:240 Resp: 153653
Ion Ratio Lower Upper
240 100
120 13.9 5.8 8.8#
236 25.1 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

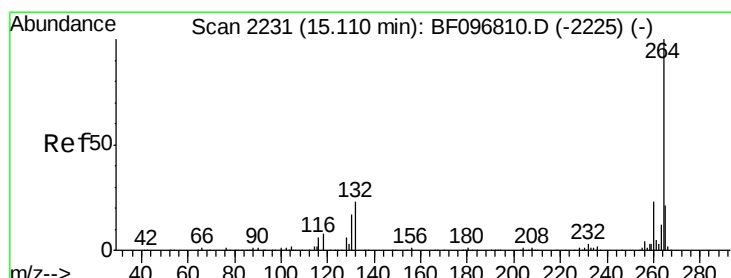
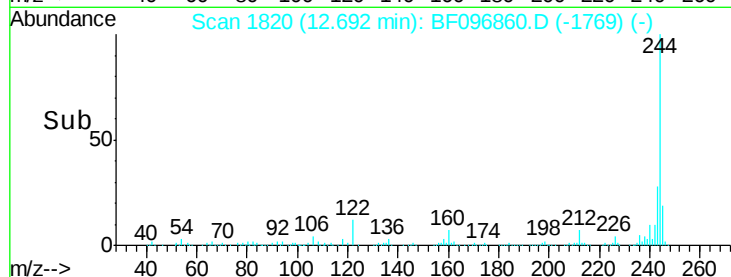
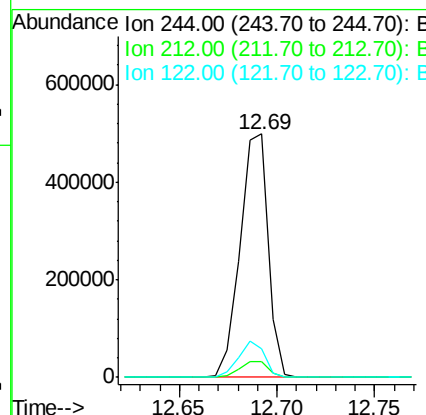
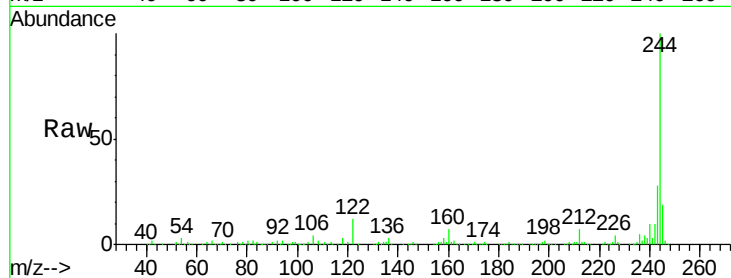




#78
 Terphenyl-d14
 Concen: 56.14 ng
 RT: 12.69 min Scan# 1820
 Delta R.T. 0.00 min
 Lab File: BF096860.D
 Acq: 18 Jul 2017 22:53

Instrument :
 BNA_F
 ClientSampleId :
 PB100719BL

Tot Ion:244 Resp: 497407
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 11.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 2230
 Delta R.T. 0.00 min
 Lab File: BF096860.D
 Acq: 18 Jul 2017 22:53

Tgt Ion:264 Resp: 97629
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.5 29.3
 265 20.5 17.2 25.8

