

Data File : BF096946.D
Acq On : 21 Jul 2017 16:09
Operator : SJ/JU
Sample : PB100830BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB100830BL

Quant Time: Jul 21 23:11:36 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

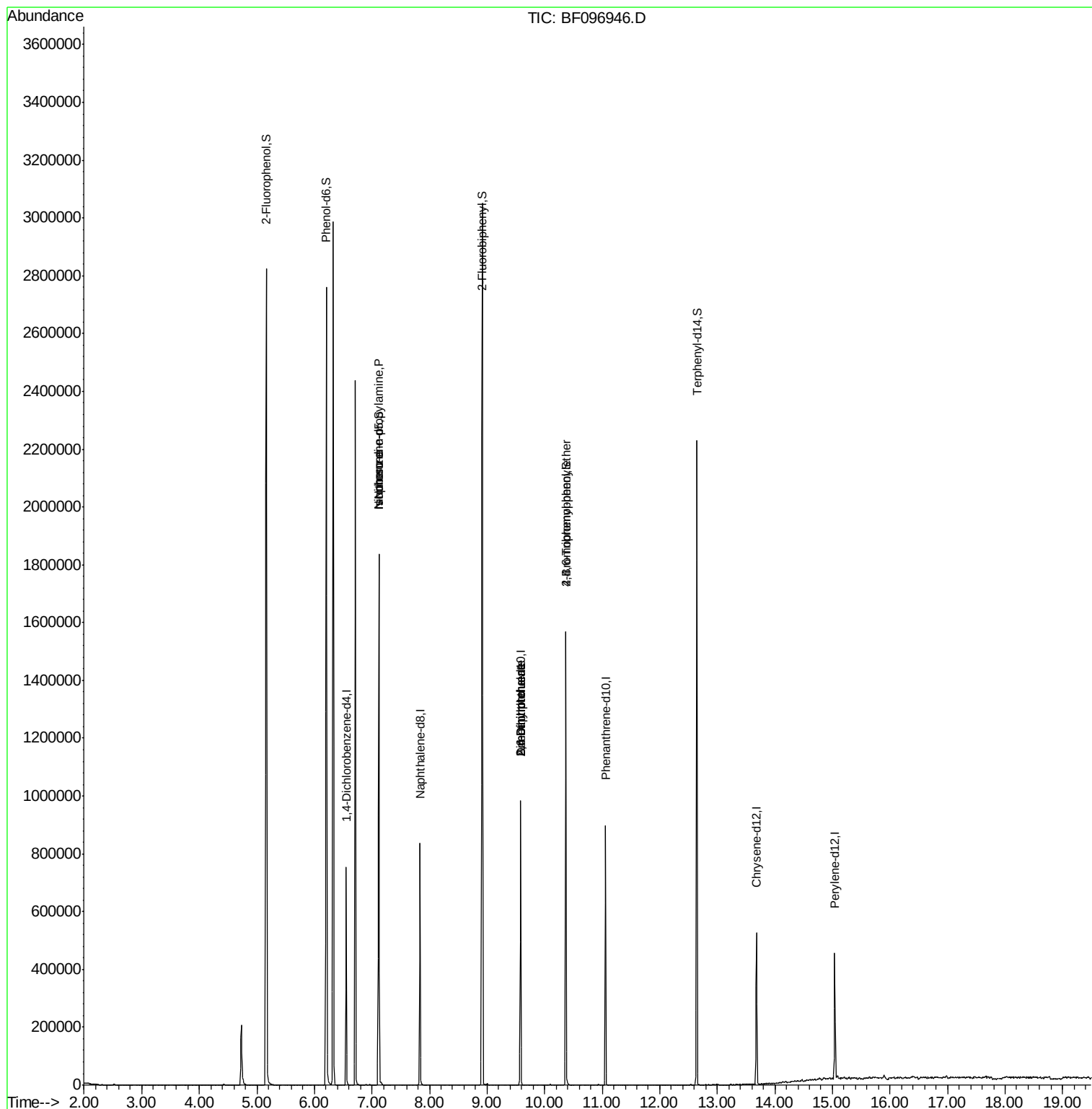
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	103405	20.00	ng	-0.05
21) Naphthalene-d8	7.83	136	367896	20.00	ng	-0.05
38) Acenaphthene-d10	9.58	164	185002	20.00	ng	-0.05
63) Phenanthrene-d10	11.06	188	302791	20.00	ng	-0.05
75) Chrysene-d12	13.68	240	170048	20.00	ng	-0.05
86) Perylene-d12	15.04	264	176010	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	847426	123.22	ng	-0.04
7) Phenol-d6	6.21	99	1030612	124.88	ng	-0.04
23) Nitrobenzene-d5	7.12	82	602203	101.39	ng	-0.05
41) 2,4,6-Tribromophenol	10.37	330	176010	111.46	ng	-0.05
44) 2-Fluorobiphenyl	8.92	172	996986	85.14	ng	-0.05
78) Terphenyl-d14	12.64	244	717920	73.22	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.12	70	80535	16.20	ng	# 88
25) Isophorone	7.12	82	591207	53.51	ng	# 67
49) Dimethylphthalate	9.59	163	55594	3.99	ng	# 1
50) 2,6-Dinitrotoluene	9.58	165	24004	7.96	ng	# 34
56) 2,4-Dinitrotoluene	9.58	165	24004	6.19	ng	# 33
66) 4-Bromophenyl-phenylether	10.37	248	10983	3.55	ng	# 1

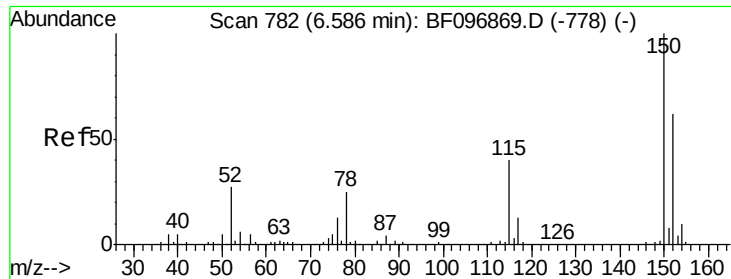
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 11 Sample Multiplier: 1

PB100830BL

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.55 min Scan# 776

Delta R.T. -0.05 min

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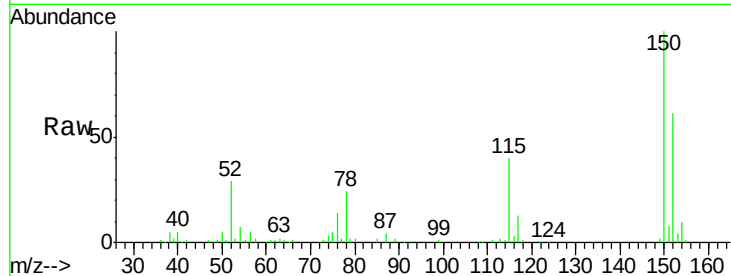
Tgt Ion:152 Resp: 103405

Ion Ratio Lower Upper

152 100

150 162.7 126.2 189.2

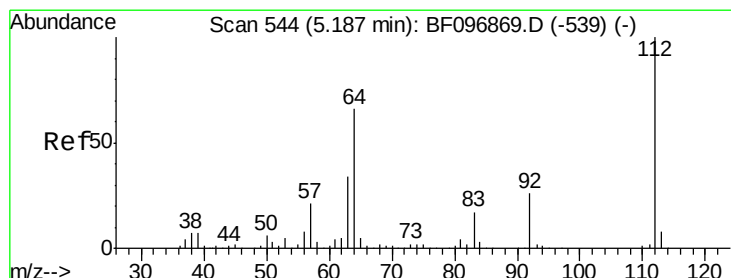
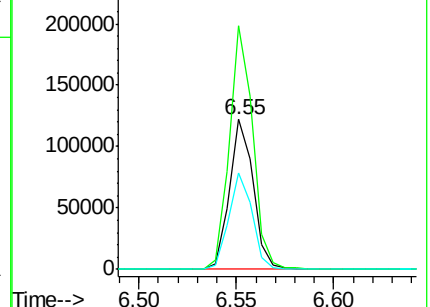
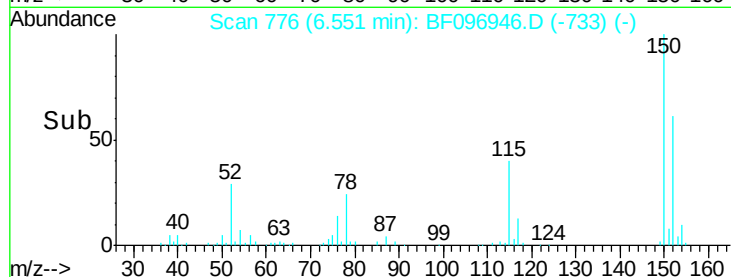
115 64.8 52.2 78.2



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: 123.22 ng

RT: 5.16 min Scan# 540

Delta R.T. -0.04 min

Lab File: BF096946.D

Acq: 21 Jul 2017 16:09

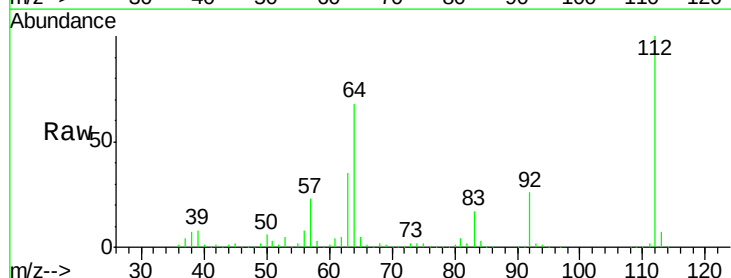
Tgt Ion:112 Resp: 847426

Ion Ratio Lower Upper

112 100

64 67.9 46.0 69.0

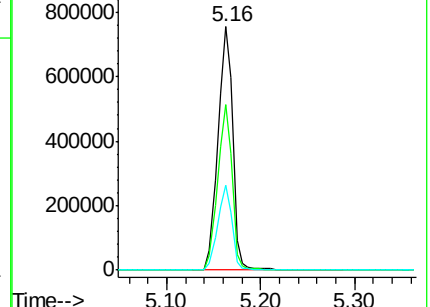
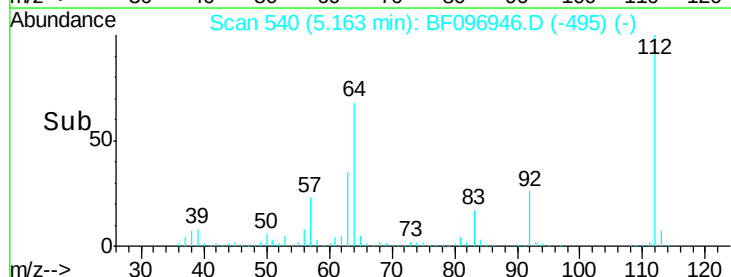
63 35.0 23.4 35.0

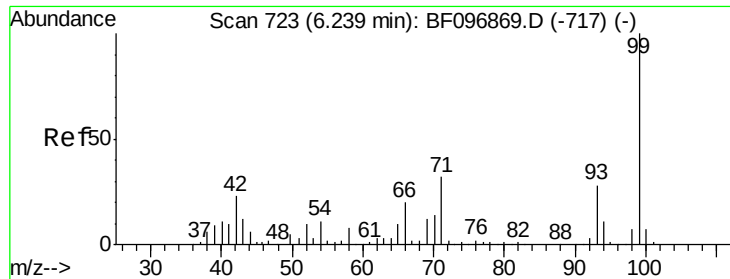


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.88 ng

RT: 6.21 min Scan# 718

Delta R.T. -0.04 min

Lab File: BF096946.D

Acq: 21 Jul 2017 16:09

Instrument :

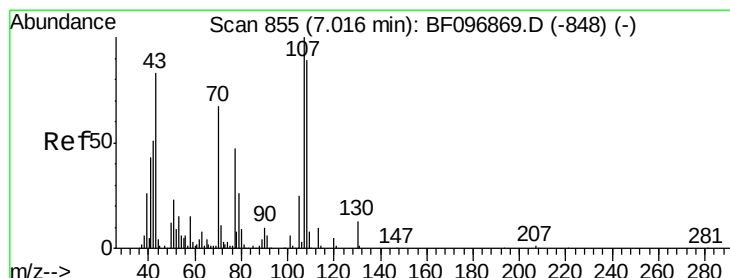
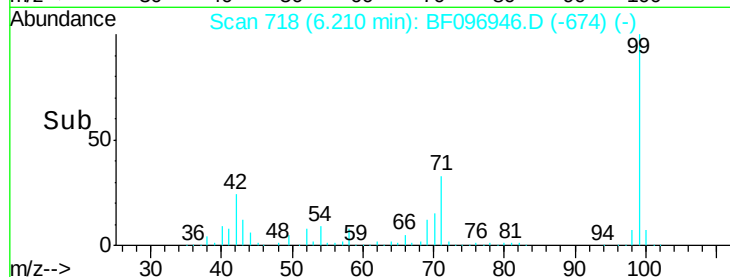
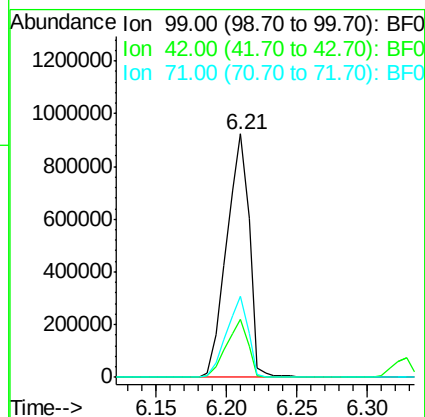
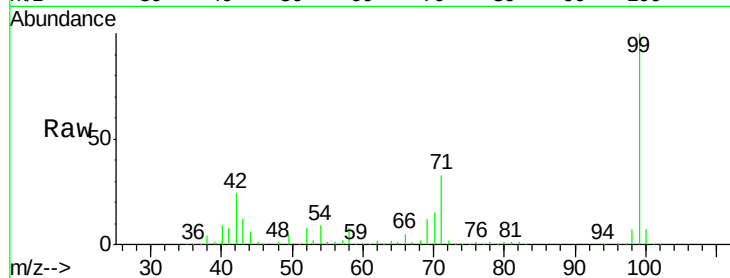
BNA_F

ClientSampleId :

PB100830BL

Tgt Ion: 99 Resp: 1030612

Ion	Ratio	Lower	Upper
99	100		
42	23.6	13.5	20.3#
71	33.2	24.5	36.7



#19

n-Nitroso-di-n-propylamine

Concen: 16.20 ng

RT: 7.12 min Scan# 873

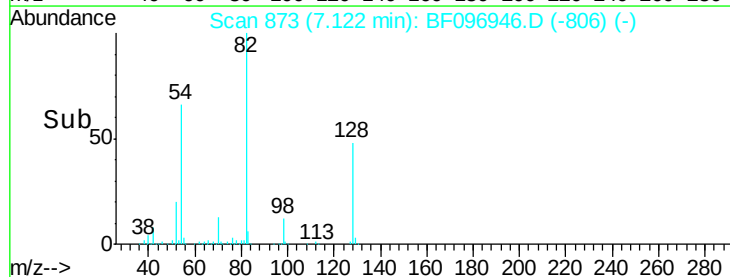
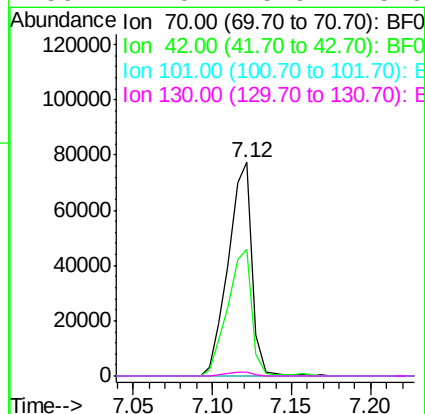
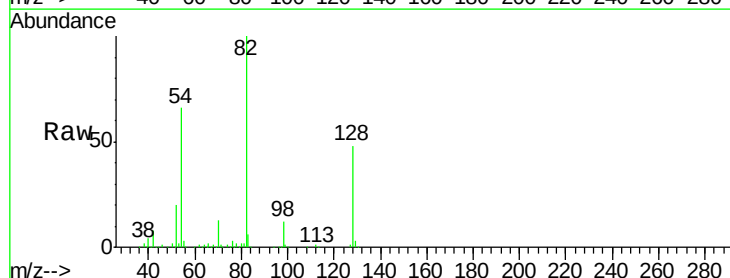
Delta R.T. 0.09 min

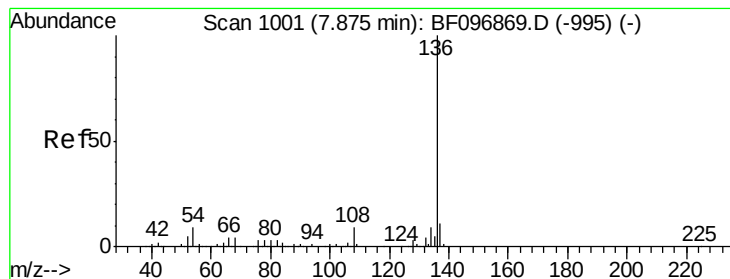
Lab File: BF096946.D

Acq: 21 Jul 2017 16:09

Tgt Ion: 70 Resp: 80535

Ion	Ratio	Lower	Upper
70	100		
42	59.4	47.2	70.8
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 994

Delta R.T. -0.05 min

Lab File: BF096946.D

Acq: 21 Jul 2017 16:09

Instrument :

BNA_F

ClientSampleId :

PB100830BL

Tgt Ion: 136 Resp: 367896

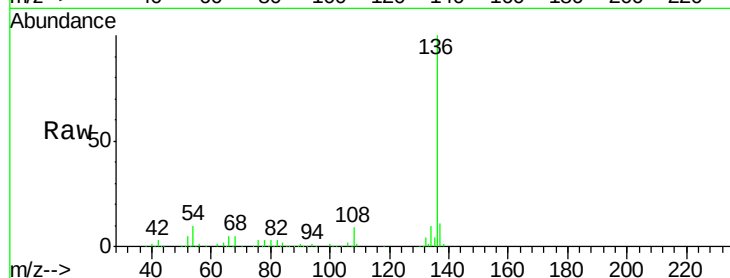
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 9.8 4.9 7.3#

68 4.6 4.1 6.1

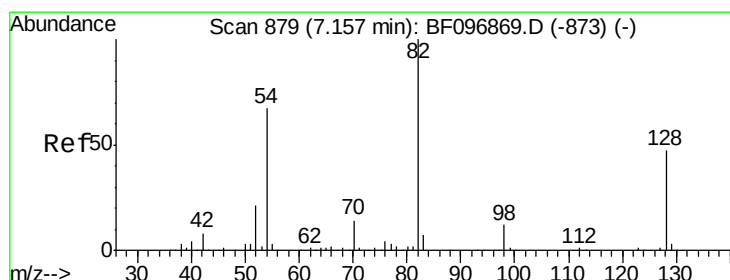
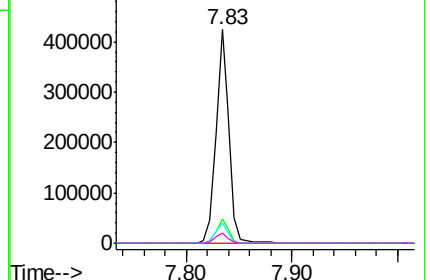
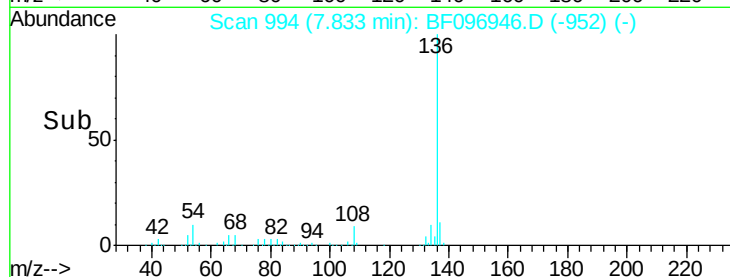


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.39 ng

RT: 7.12 min Scan# 873

Delta R.T. -0.05 min

Lab File: BF096946.D

Acq: 21 Jul 2017 16:09

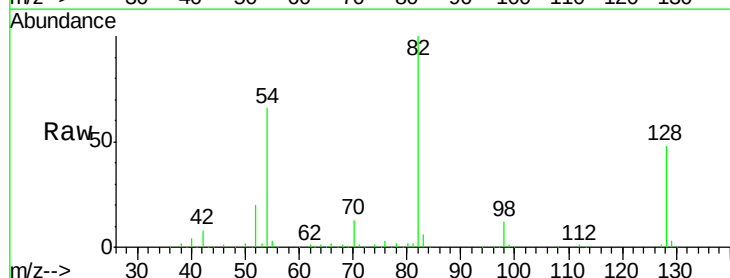
Tgt Ion: 82 Resp: 602203

Ion Ratio Lower Upper

82 100

128 47.7 34.0 51.0

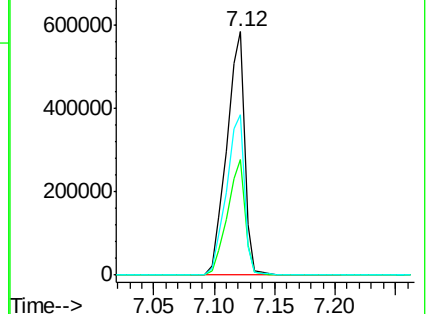
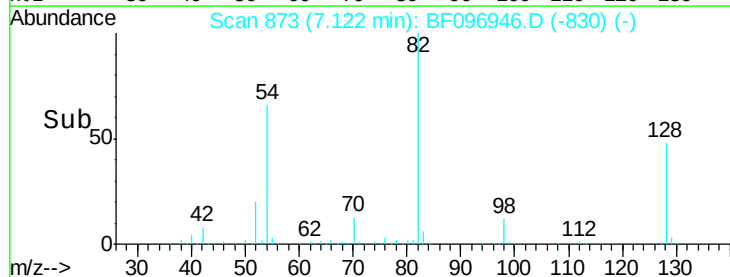
54 65.9 42.2 63.2#

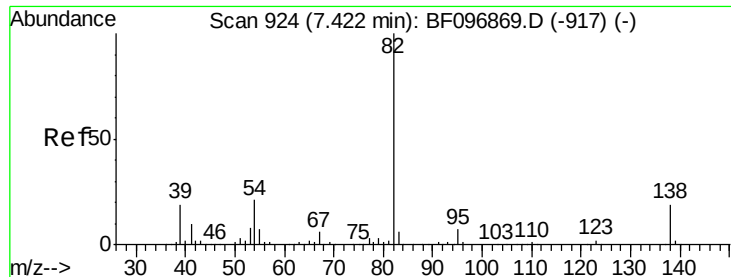


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

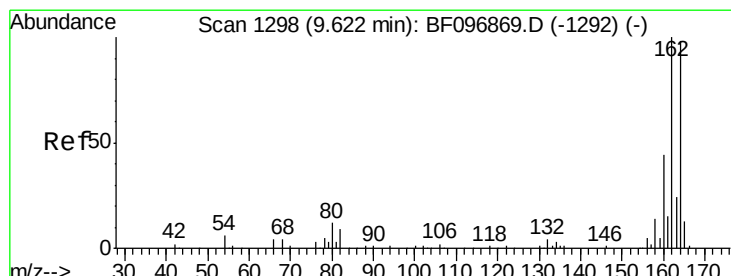
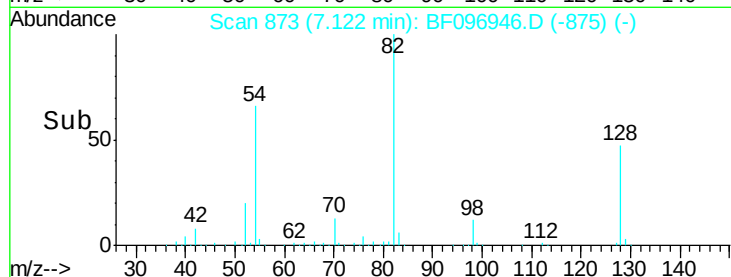
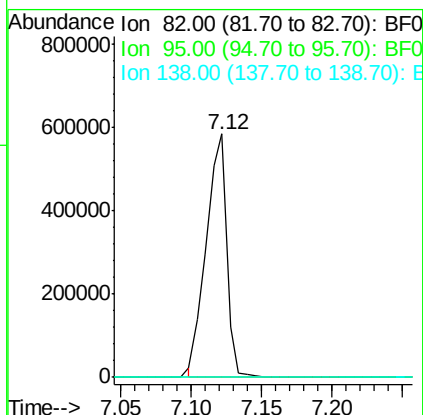
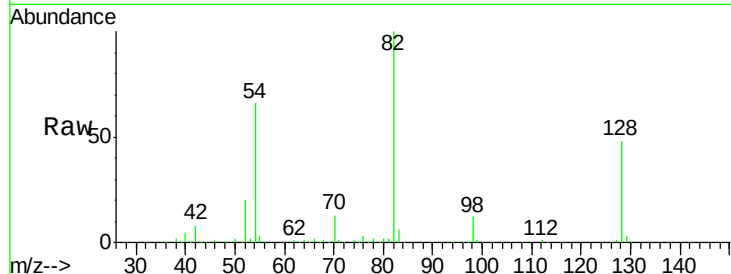




#25
Isophorone
Concen: 53.51 ng
RT: 7.12 min Scan# 873
Delta R.T. -0.31 min
Lab File: BF096946.D
Acq: 21 Jul 2017 16:09

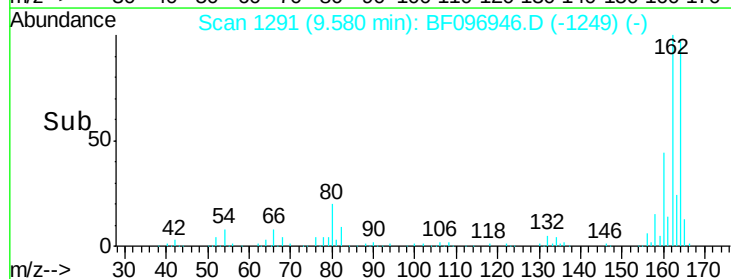
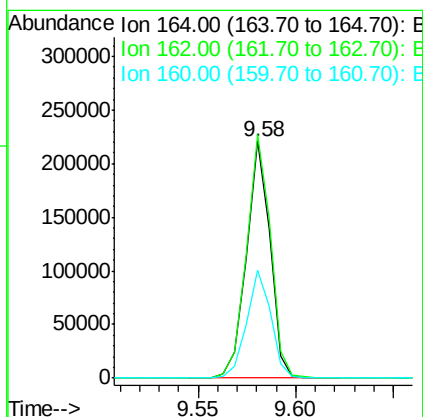
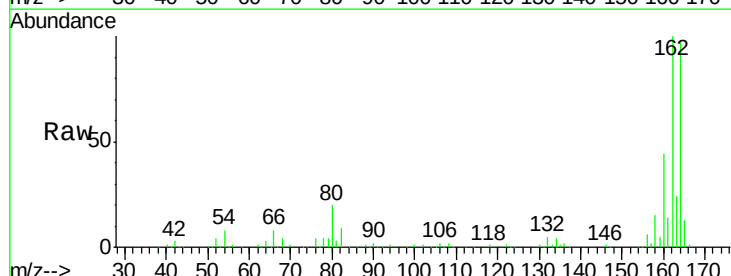
Instrument :
BNA_F
ClientSampleId :
PB100830BL

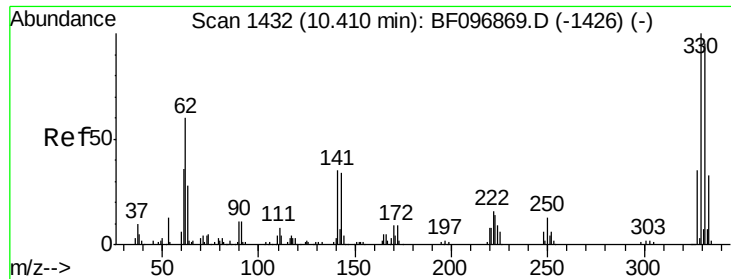
Tgt Ion: 82 Resp: 591207
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 1291
Delta R.T. -0.05 min
Lab File: BF096946.D
Acq: 21 Jul 2017 16:09

Tgt Ion: 164 Resp: 185002
Ion Ratio Lower Upper
164 100
162 102.7 82.6 123.8
160 45.4 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 111.46 ng

RT: 10.37 min Scan# 1425

Delta R.T. -0.05 min

Lab File: BF096946.D

Acq: 21 Jul 2017 16:09

Instrument :

BNA_F

ClientSampleId :

PB100830BL

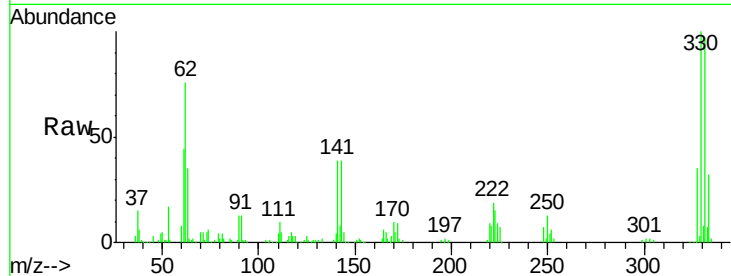
Tgt Ion:330 Resp: 176010

Ion Ratio Lower Upper

330 100

332 95.6 76.6 115.0

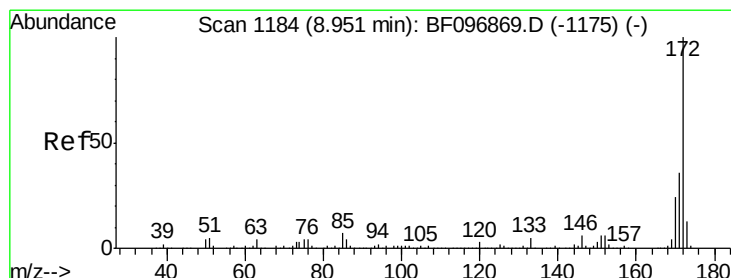
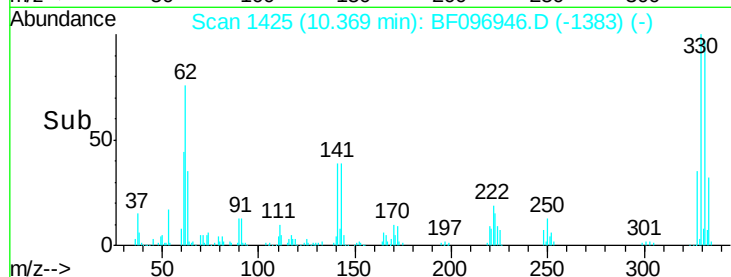
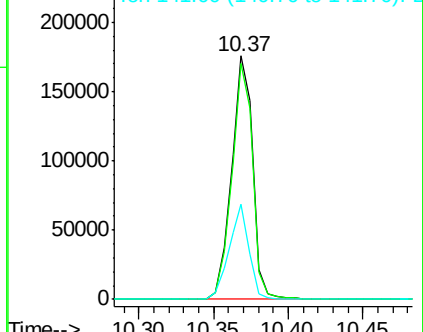
141 37.0 31.4 47.2



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: 85.14 ng

RT: 8.92 min Scan# 1178

Delta R.T. -0.05 min

Lab File: BF096946.D

Acq: 21 Jul 2017 16:09

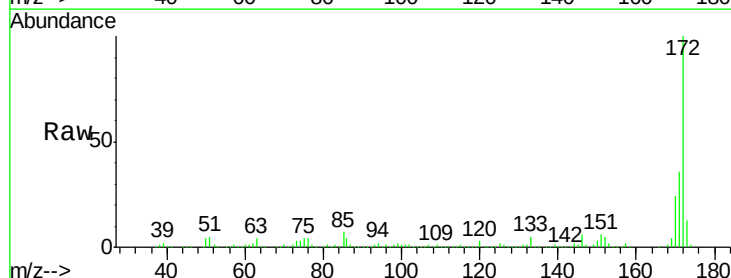
Tgt Ion:172 Resp: 996986

Ion Ratio Lower Upper

172 100

171 36.4 29.6 44.4

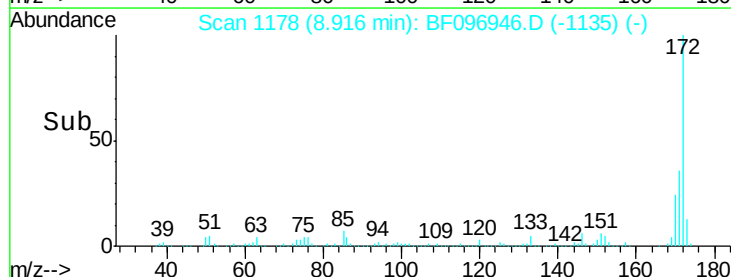
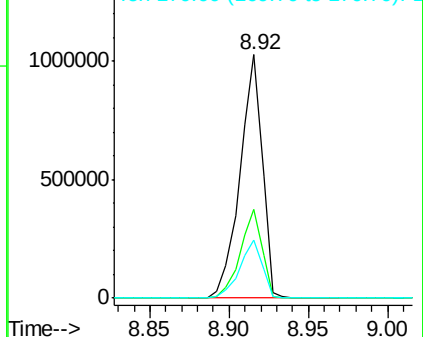
170 24.0 19.8 29.8

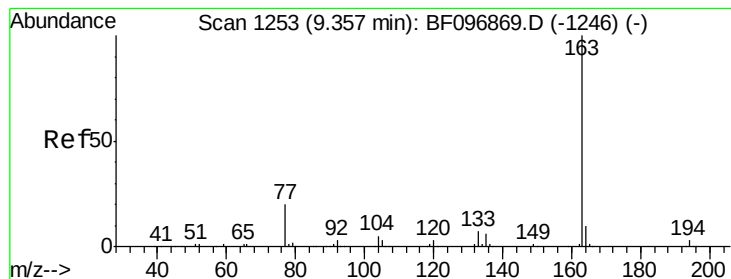


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.99 ng

RT: 9.59 min Scan# 1292

Delta R.T. 0.22 min

Lab File: BF096946.D

Acq: 21 Jul 2017 16:09

Instrument :

BNA_F

ClientSampleId :

PB100830BL

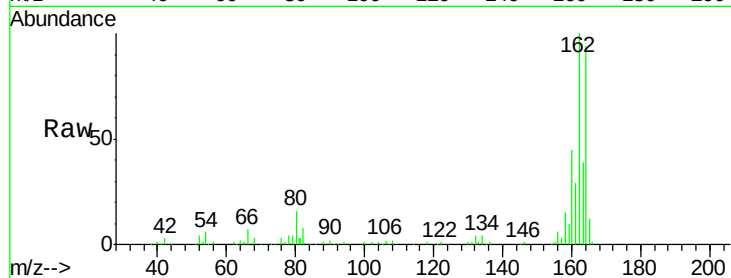
Tgt Ion:163 Resp: 55594

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

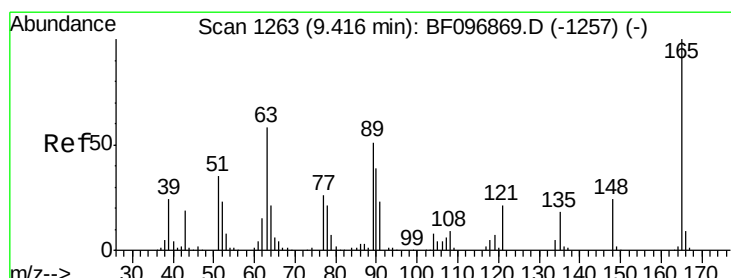
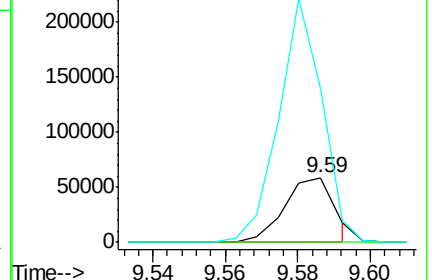
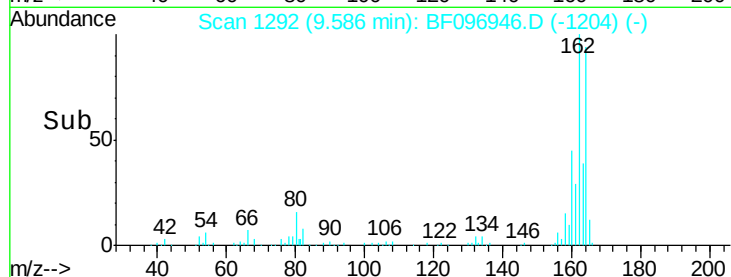
164 238.4 8.4 12.6#



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



#50

2,6-Dinitrotoluene

Concen: 7.96 ng

RT: 9.58 min Scan# 1291

Delta R.T. 0.15 min

Lab File: BF096946.D

Acq: 21 Jul 2017 16:09

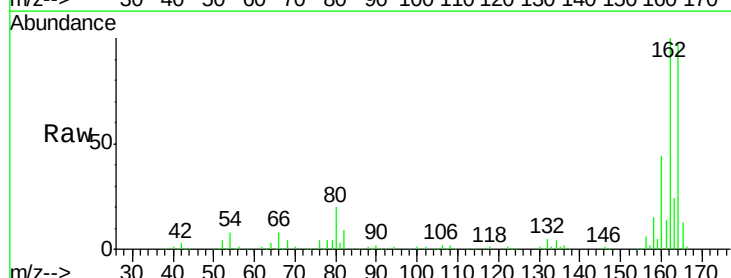
Tgt Ion:165 Resp: 24004

Ion Ratio Lower Upper

165 100

63 1.4 34.3 51.5#

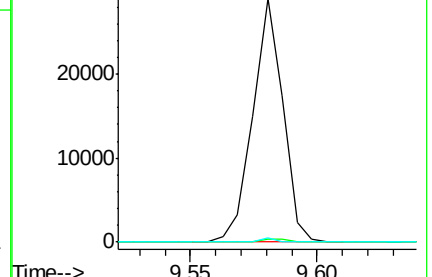
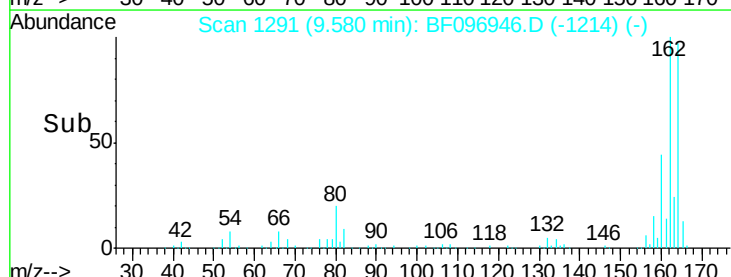
89 1.6 37.1 55.7#

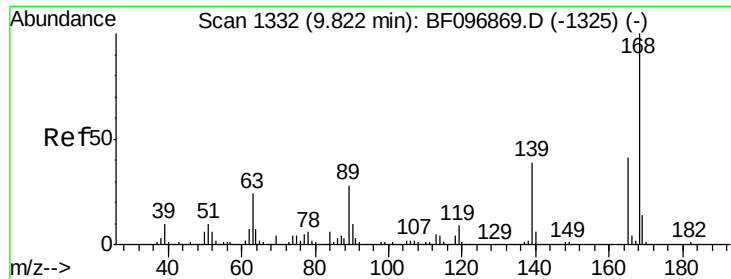


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

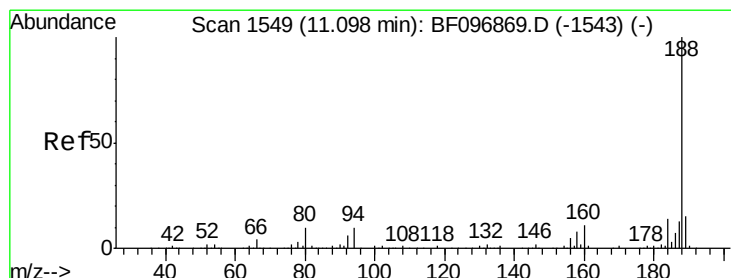
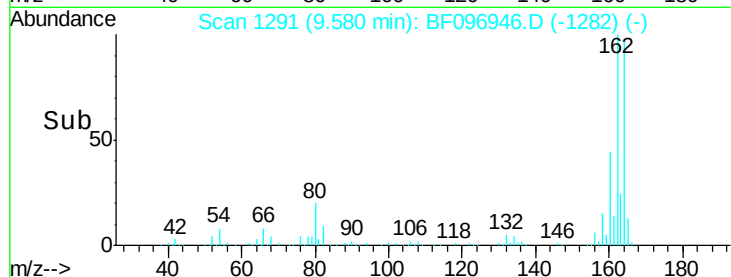
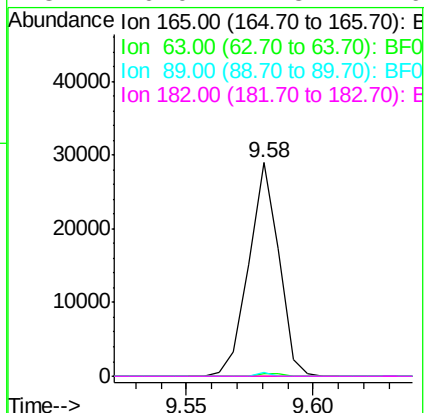
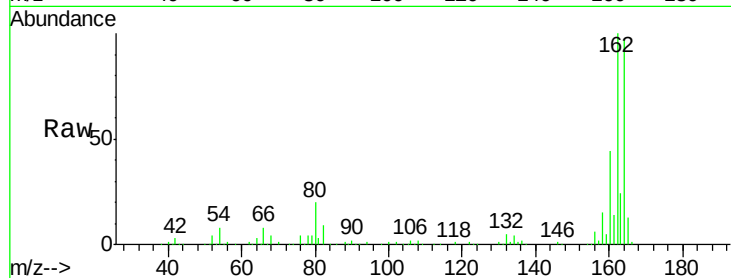




#56
 2,4-Dinitrotoluene
 Concen: 6.19 ng
 RT: 9.58 min Scan# 1291
 Delta R.T. -0.25 min
 Lab File: BF096946.D
 Acq: 21 Jul 2017 16:09

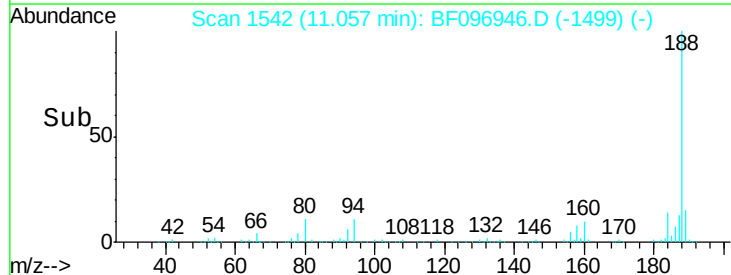
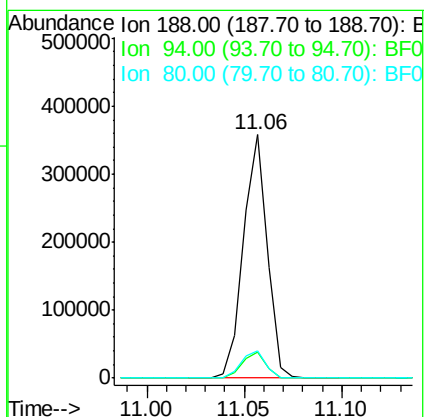
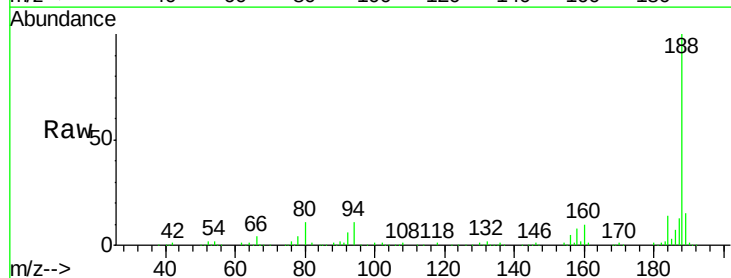
Instrument :
 BNA_F
 ClientSampleId :
 PB100830BL

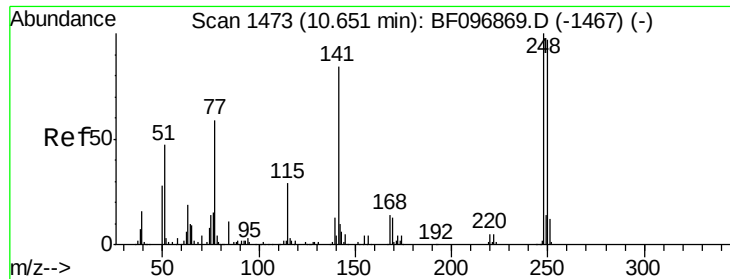
Tgt Ion:165 Resp: 24004
 Ion Ratio Lower Upper
 165 100
 63 1.4 25.4 38.0#
 89 1.6 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.06 min Scan# 1542
 Delta R.T. -0.05 min
 Lab File: BF096946.D
 Acq: 21 Jul 2017 16:09

Tgt Ion:188 Resp: 302791
 Ion Ratio Lower Upper
 188 100
 94 10.6 9.4 14.2
 80 11.2 10.2 15.2

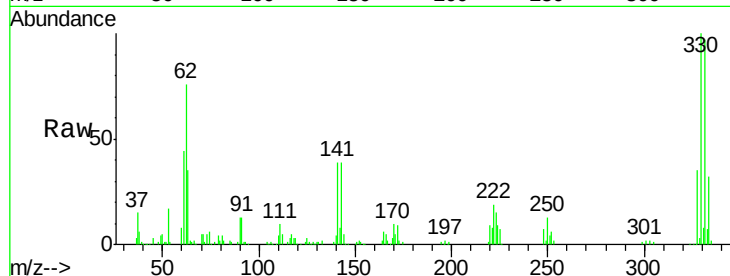




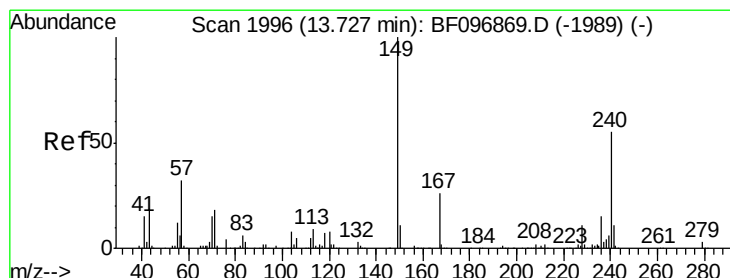
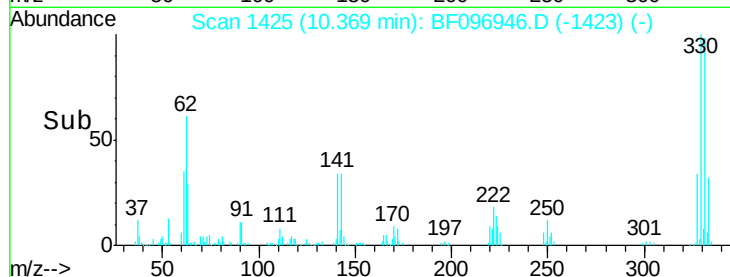
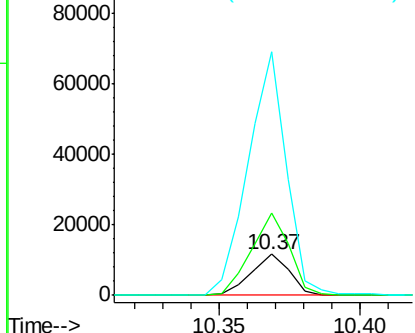
#66
4-Bromophenyl-phenylether
Concen: 3.55 ng
RT: 10.37 min Scan# 1425
Delta R.T. -0.29 min
Lab File: BF096946.D
Acq: 21 Jul 2017 16:09

Instrument :
BNA_F
ClientSampleId :
PB100830BL

Tgt Ion:248 Resp: 10983
Ion Ratio Lower Upper
248 100
250 200.1 76.8 115.2#
141 592.1 68.6 103.0#

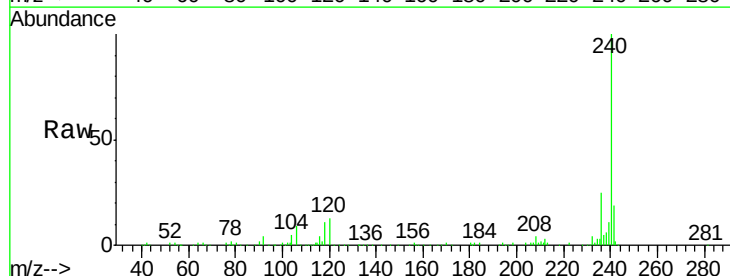


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

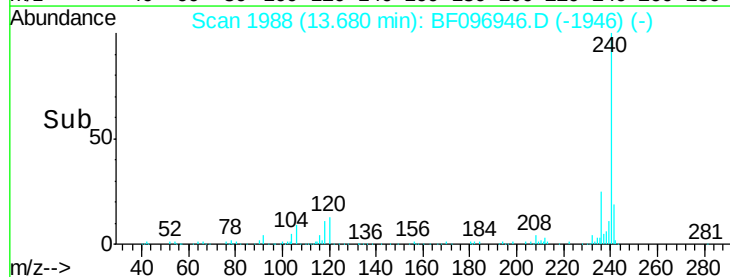
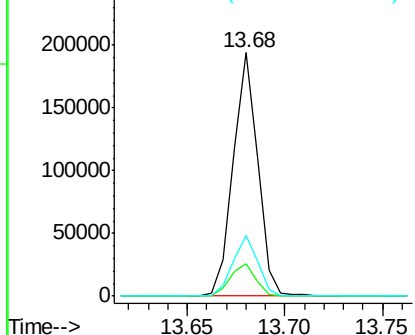


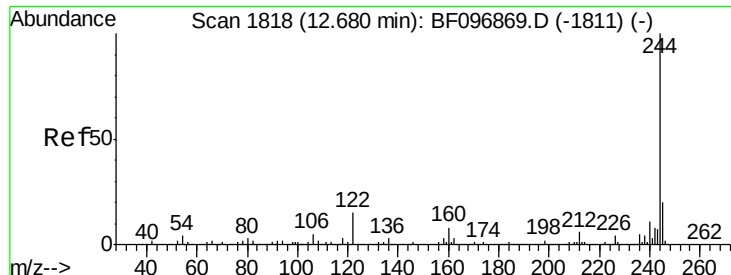
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.68 min Scan# 1988
Delta R.T. -0.05 min
Lab File: BF096946.D
Acq: 21 Jul 2017 16:09

Tgt Ion:240 Resp: 170048
Ion Ratio Lower Upper
240 100
120 13.1 5.8 8.8#
236 24.8 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

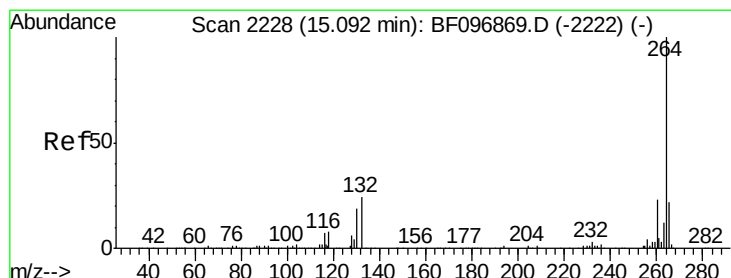
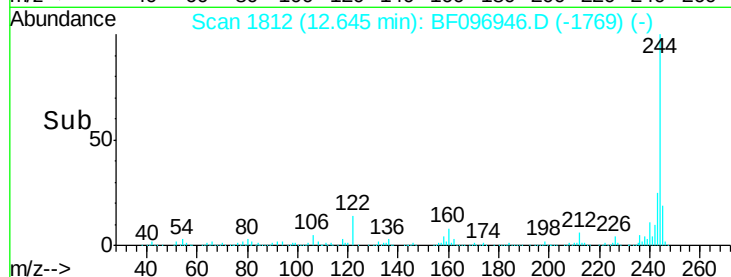
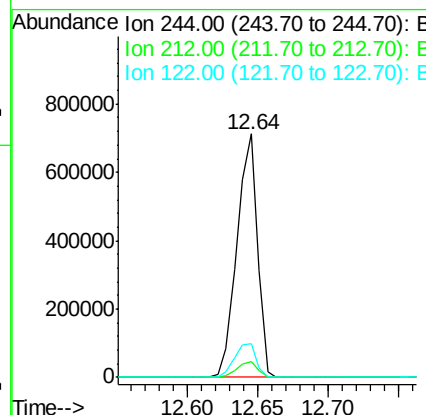
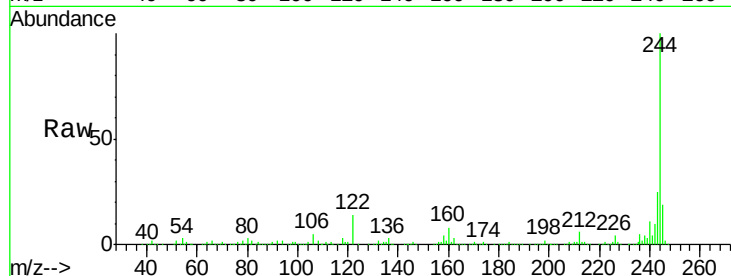




#78
 Terphenyl-d14
 Concen: 73.22 ng
 RT: 12.64 min Scan# 1812
 Delta R.T. -0.05 min
 Lab File: BF096946.D
 Acq: 21 Jul 2017 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB100830BL

Tgt Ion:244 Resp: 717920
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.0 9.0
 122 14.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 2219
 Delta R.T. -0.06 min
 Lab File: BF096946.D
 Acq: 21 Jul 2017 16:09

Tgt Ion:264 Resp: 176010
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.1 17.2 25.8

