

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070117\
 Data File : BF096391.D
 Acq On : 1 Jul 2017 21:00
 Operator : SJ/MA
 Sample : I3980-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 01:51:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

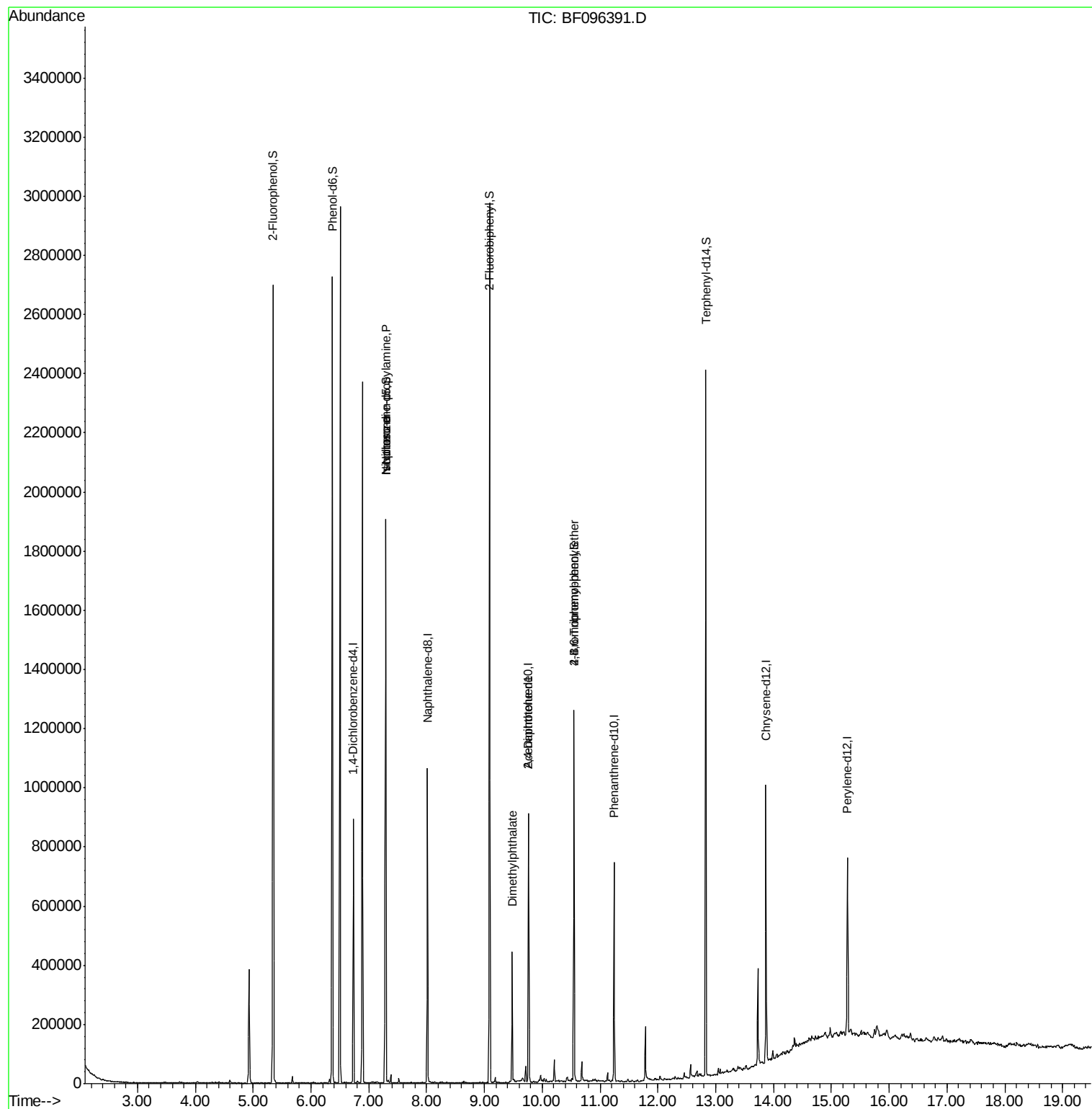
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	124082	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	477519	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	175995	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	268033	20.00	ng	0.00
75) Chrysene-d12	13.87	240	303138	20.00	ng	-0.01
86) Perylene-d12	15.28	264	238433	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	836318	99.48	ng	0.00
7) Phenol-d6	6.37	99	974599	94.30	ng	0.00
23) Nitrobenzene-d5	7.29	82	549280	69.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	141757	103.12	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	926068	89.97	ng	0.00
78) Terphenyl-d14	12.83	244	700281	49.36	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	72845	11.83	ng	# 86
25) Isophorone	7.29	82	546646	35.48	ng	# 67
49) Dimethylphthalate	9.48	163	162656	12.38	ng	99
56) 2,4-Dinitrotoluene	9.76	165	22029	5.99	ng	# 32
66) 4-Bromophenyl-phenylether	10.55	248	9911	3.80	ng	# 1

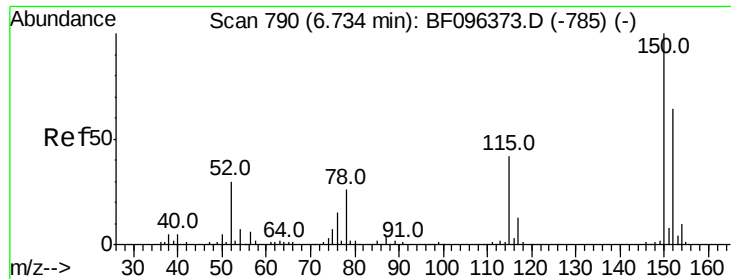
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070117\
Data File : BF096391.D
Acq On : 1 Jul 2017 21:00
Operator : SJ/MA
Sample : I3980-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 03 01:51:03 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 01:43:12 2017
Response via : Initial Calibration



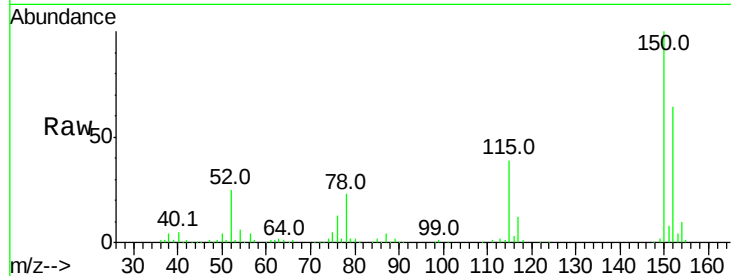


#1

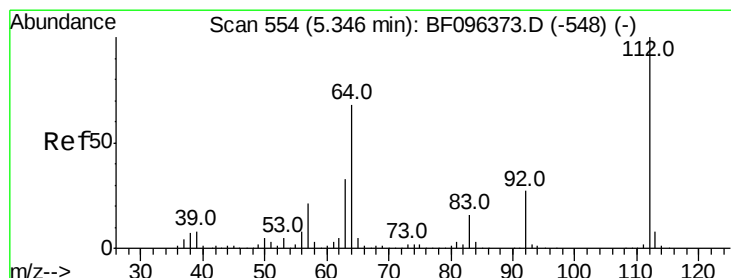
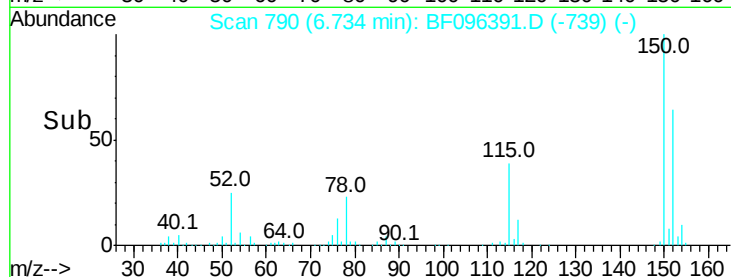
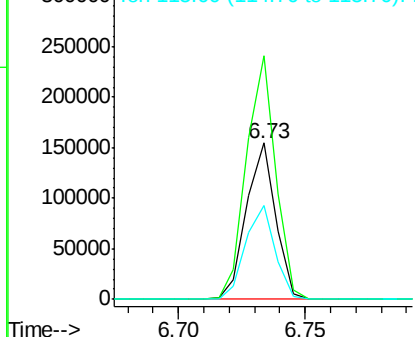
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF096391.D
Acq: 1 Jul 2017 21:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 124082
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.2
115 60.2 52.2 78.2



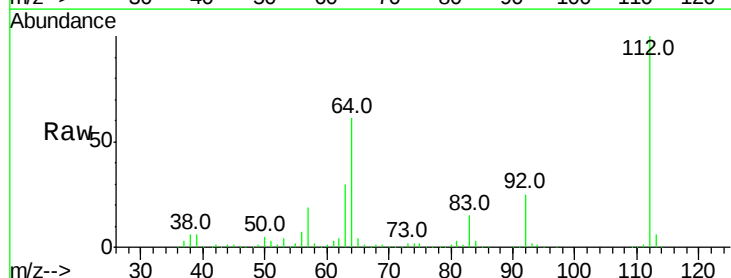
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



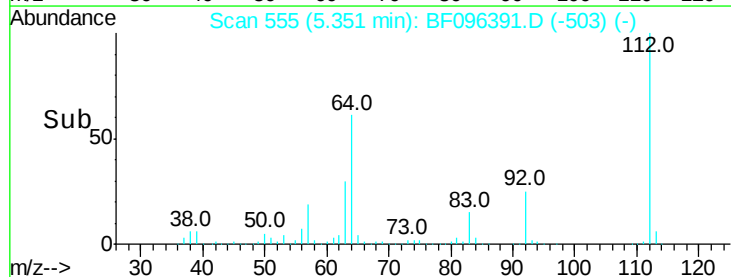
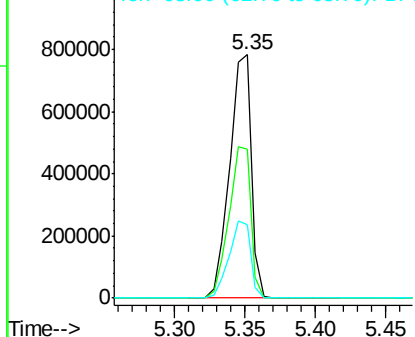
#5

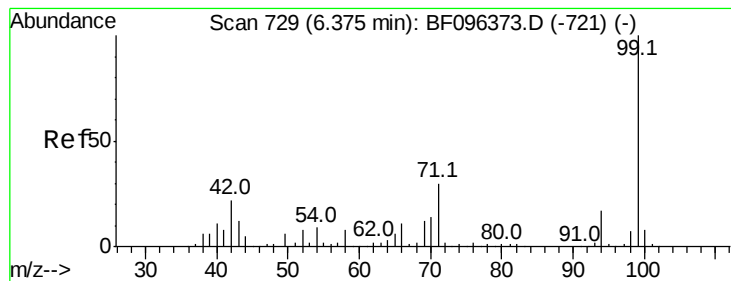
2-Fluorophenol
Concen: 99.48 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF096391.D
Acq: 1 Jul 2017 21:00

Tgt Ion:112 Resp: 836318
Ion Ratio Lower Upper
112 100
64 61.2 46.0 69.0
63 29.9 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: 94.30 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF096391.D

Acq: 1 Jul 2017 21:00

Instrument :

BNA_F

ClientSampled :

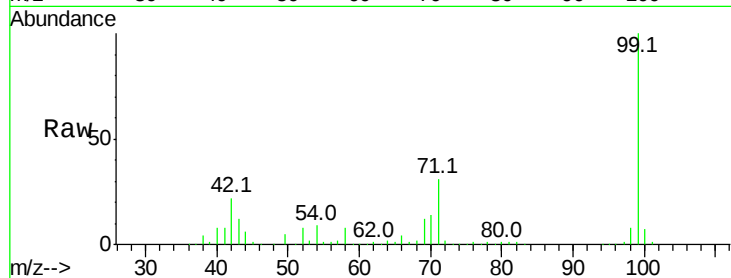
Tot Ion: 99 Resp: 974599

Ion Ratio Lower Upper

99 100

42 22.0 13.5 20.3#

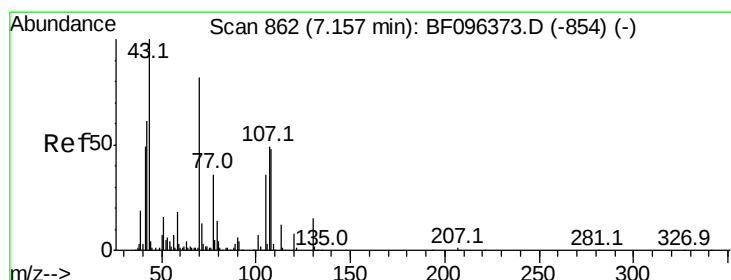
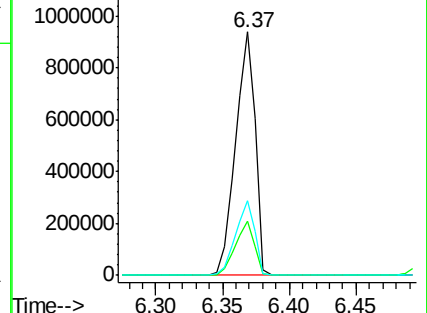
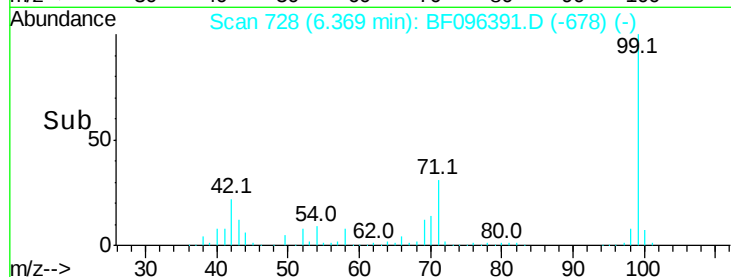
71 30.8 24.5 36.7



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: 11.83 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF096391.D

Acq: 1 Jul 2017 21:00

Tgt Ion: 70 Resp: 72845

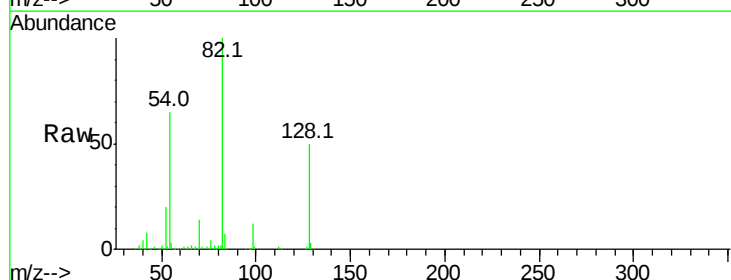
Ion Ratio Lower Upper

70 100

42 56.5 47.2 70.8

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

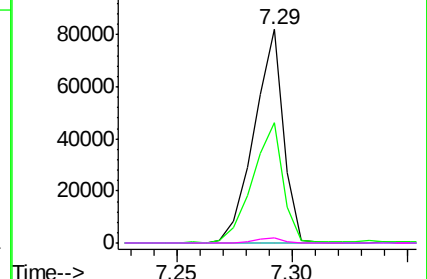
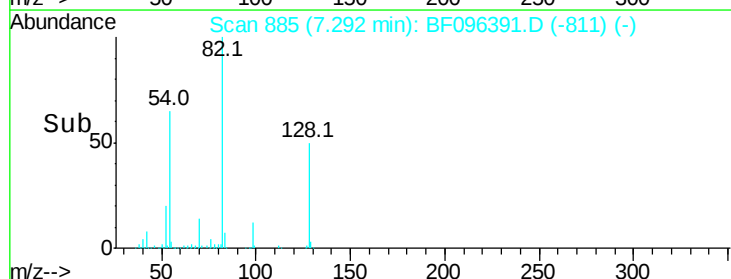


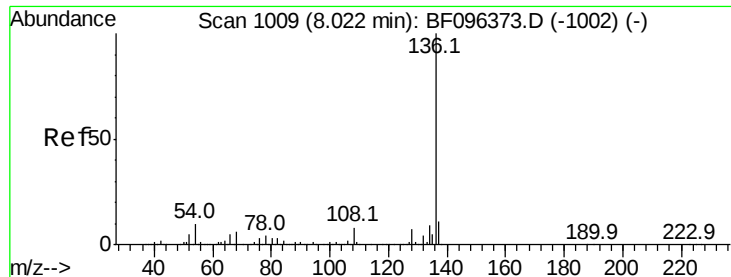
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

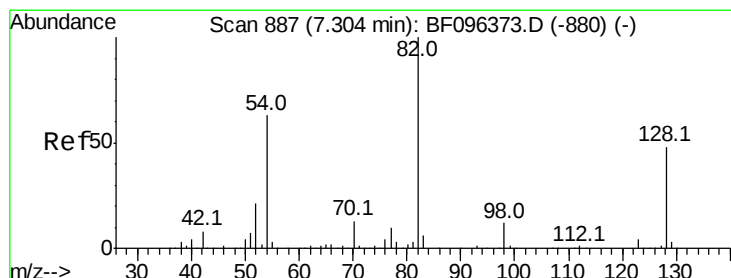
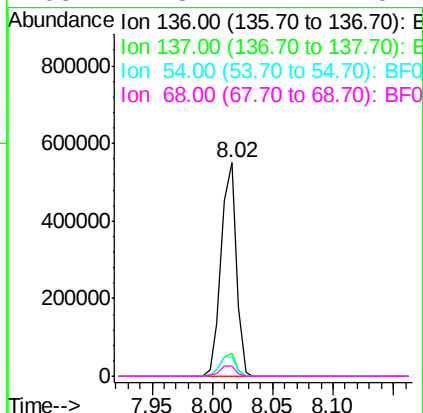
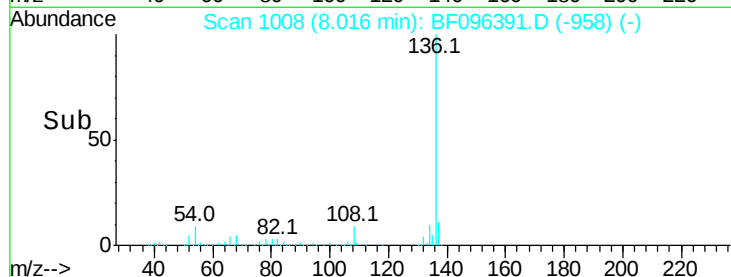
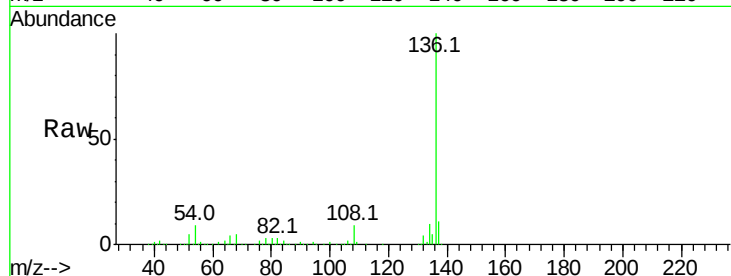




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF096391.D
Acq: 1 Jul 2017 21:00

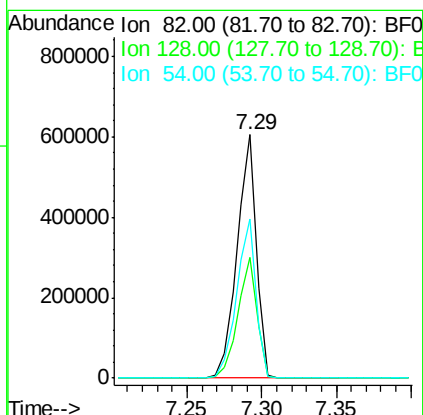
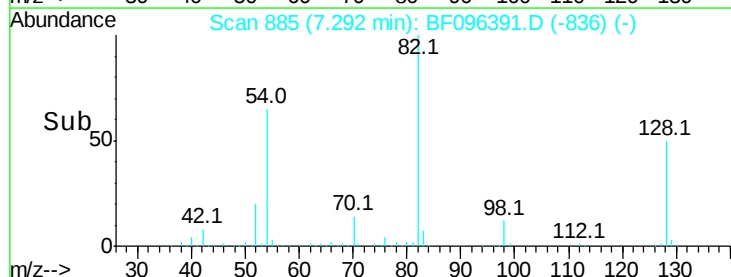
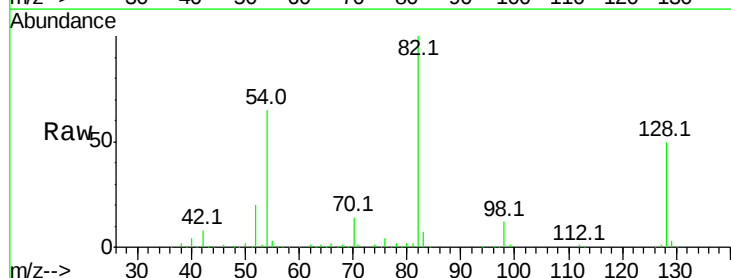
Instrument :
BNA_F
ClientSampleId :

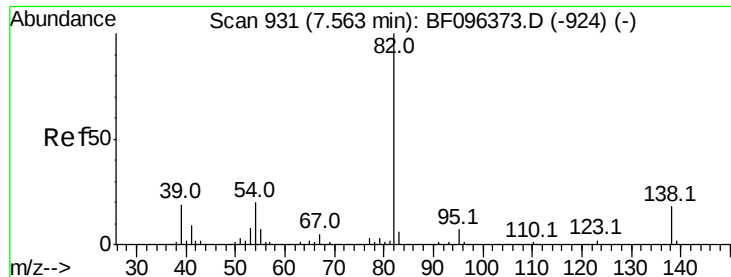
Tot Ion:	136	Resp:	477519
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	9.2	4.9	7.3#
68	4.8	4.1	6.1



#23
Nitrobenzene-d5
Concen: 69.12 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF096391.D
Acq: 1 Jul 2017 21:00

Tgt Ion:	82	Resp:	549280
Ion	Ratio	Lower	Upper
82	100		
128	49.5	34.0	51.0
54	65.3	42.2	63.2#





#25

Isophorone

Concen: 35.48 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.27 min

Lab File: BF096391.D

Acq: 1 Jul 2017 21:00

Instrument :

BNA_F

ClientSampleId :

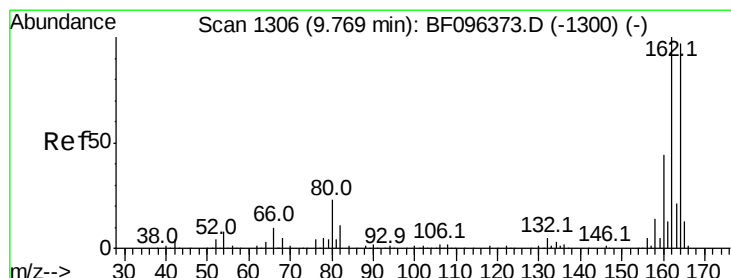
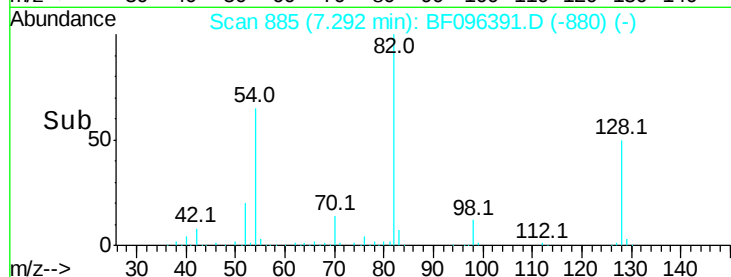
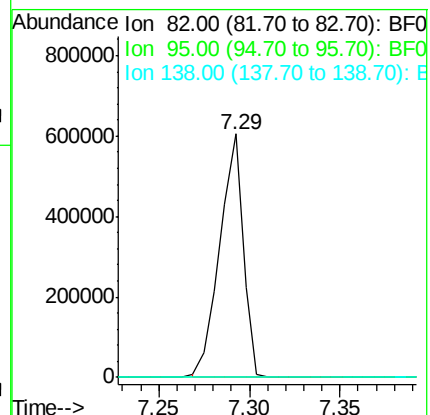
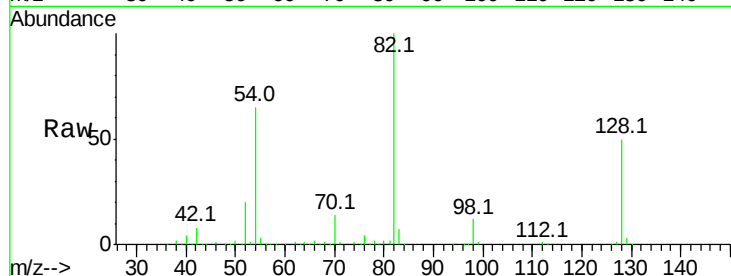
Tot Ion: 82 Resp: 546646

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: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF096391.D

Acq: 1 Jul 2017 21:00

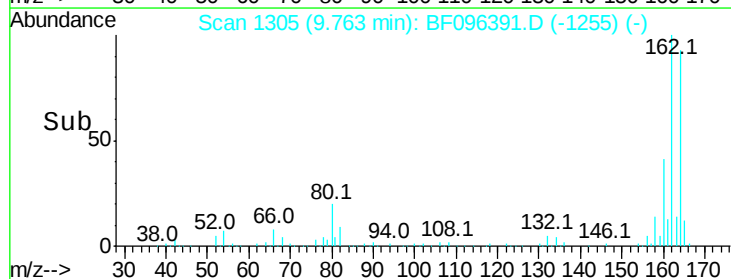
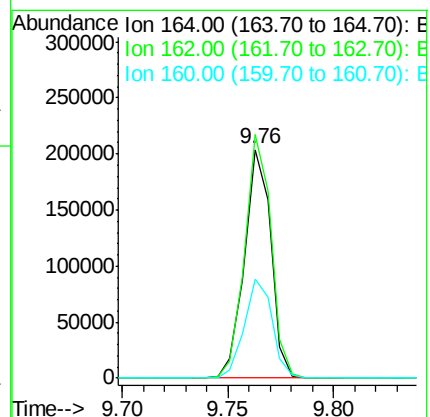
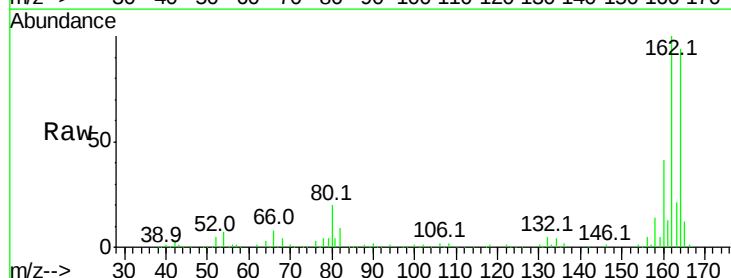
Tgt Ion:164 Resp: 175995

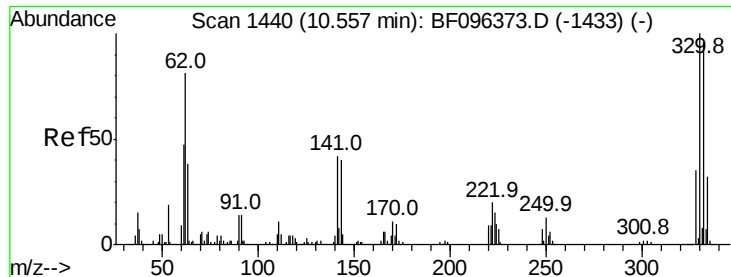
Ion Ratio Lower Upper

164 100

162 106.6 82.6 123.8

160 43.4 36.2 54.2

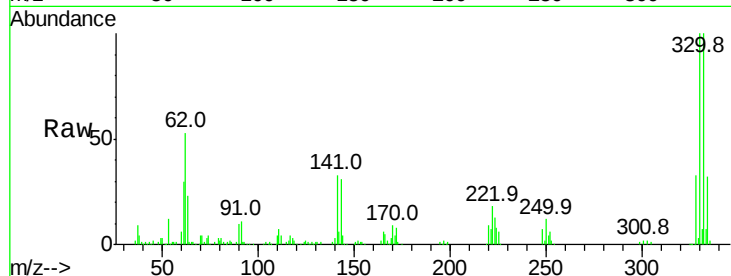




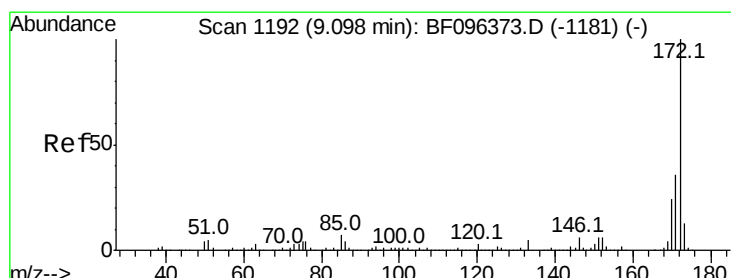
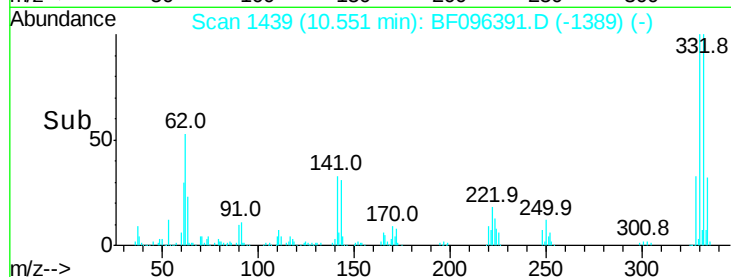
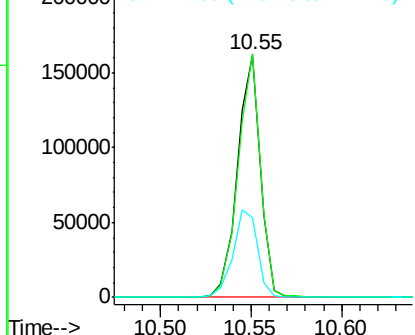
#41
 2,4,6-Tribromophenol
 Concen: 103.12 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF096391.D
 Acq: 1 Jul 2017 21:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 141757
 Ion Ratio Lower Upper
 330 100
 332 98.5 76.6 115.0
 141 38.6 31.4 47.2

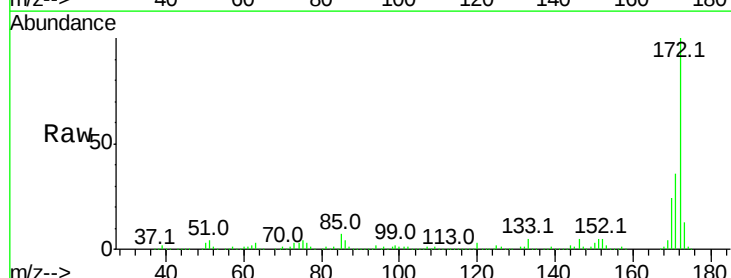


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

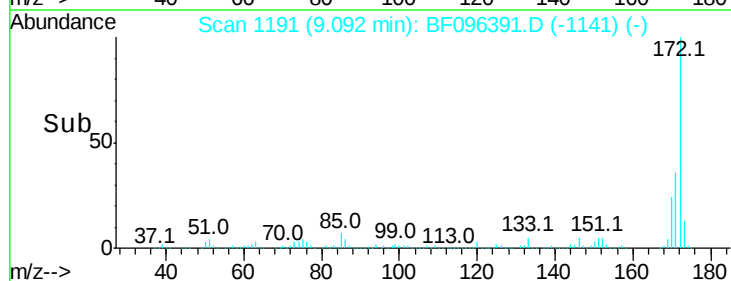
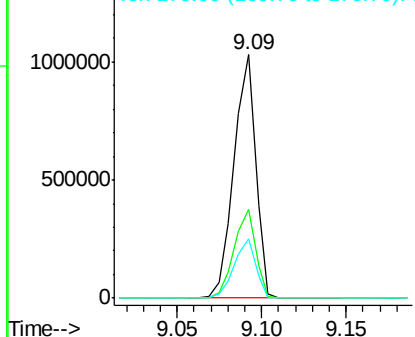


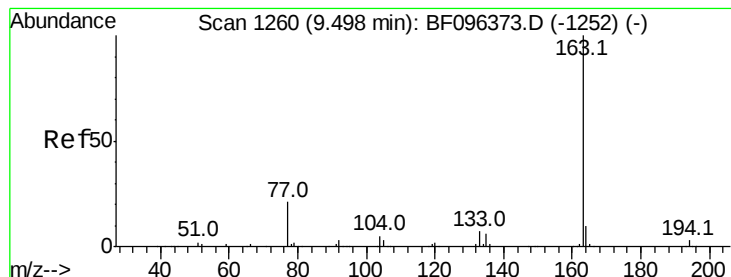
#44
 2-Fluorobiphenyl
 Concen: 89.97 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF096391.D
 Acq: 1 Jul 2017 21:00

Tgt Ion:172 Resp: 926068
 Ion Ratio Lower Upper
 172 100
 171 36.2 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: 12.38 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF096391.D

Acq: 1 Jul 2017 21:00

Instrument :

BNA_F

ClientSampled :

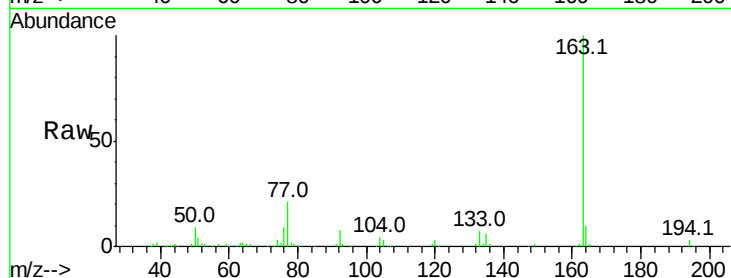
Tot Ion:163 Resp: 162656

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

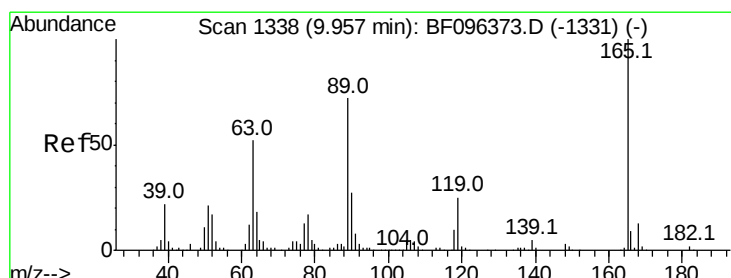
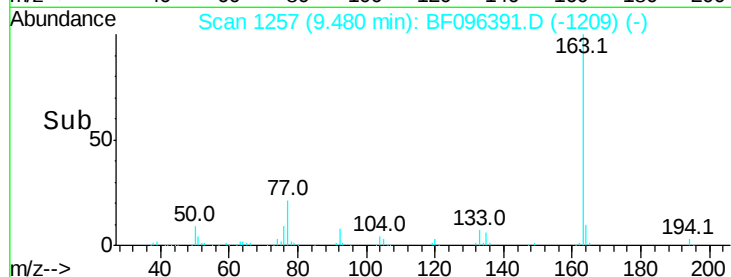
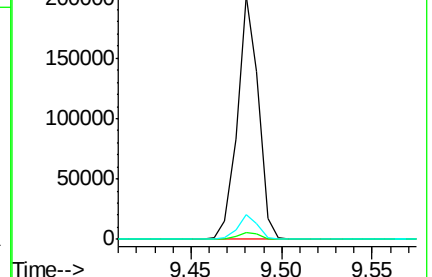
164 10.3 8.4 12.6



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



#56

2,4-Dinitrotoluene

Concen: 5.99 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.19 min

Lab File: BF096391.D

Acq: 1 Jul 2017 21:00

Tgt Ion:165 Resp: 22029

Ion Ratio Lower Upper

165 100

63 0.0 25.4 38.0#

89 1.2 46.4 69.6#

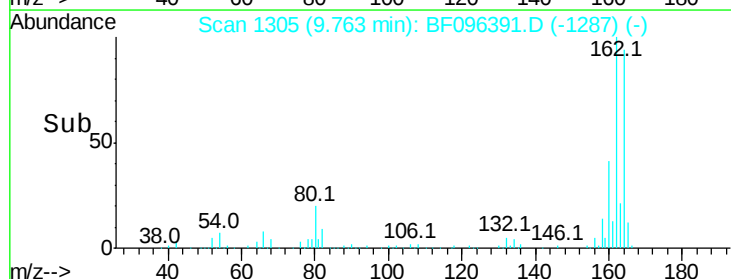
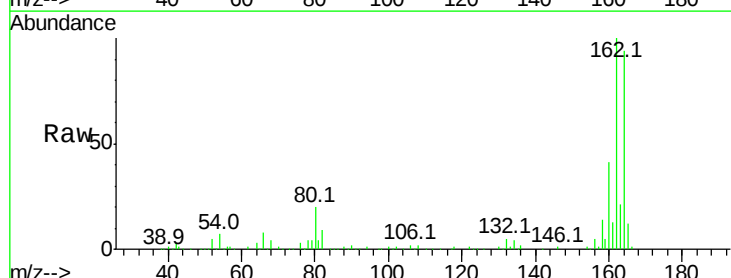
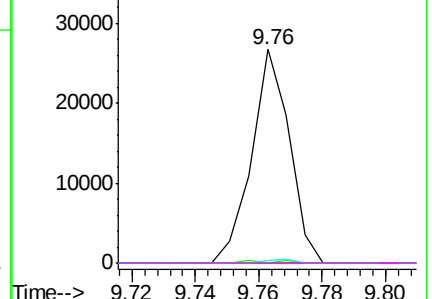
182 0.0 1.8 2.6#

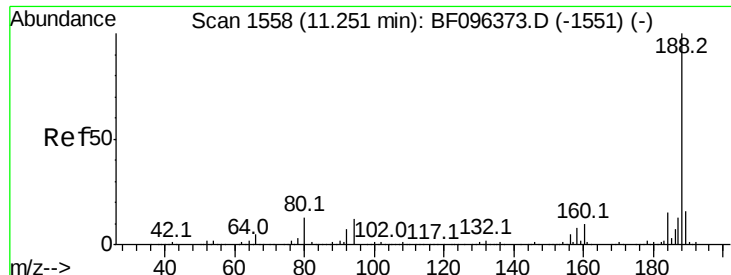
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.24 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF096391.D

Acq: 1 Jul 2017 21:00

Instrument :

BNA_F

ClientSampleId :

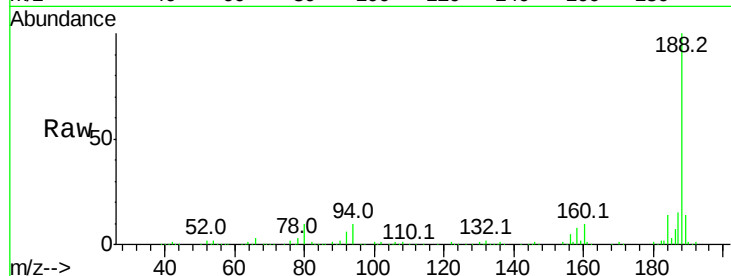
Tot Ion:188 Resp: 268033

Ion Ratio Lower Upper

188 100

94 10.1 9.4 14.2

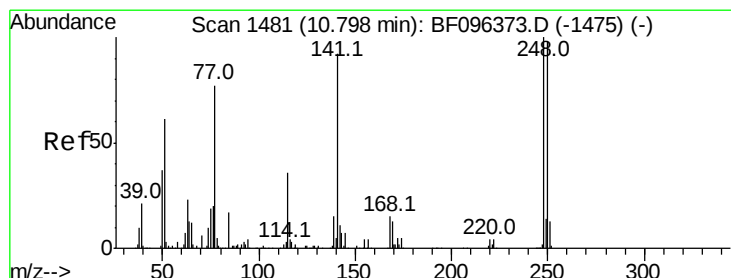
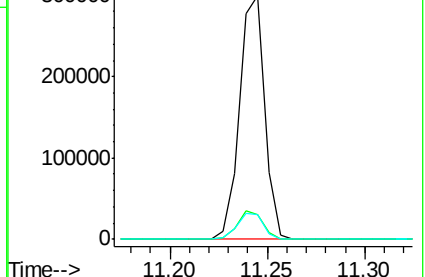
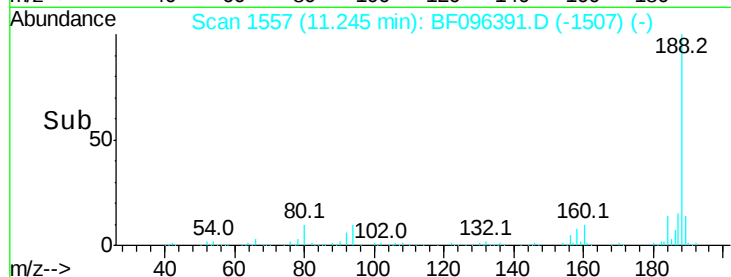
80 10.4 10.2 15.2



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: 3.80 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.25 min

Lab File: BF096391.D

Acq: 1 Jul 2017 21:00

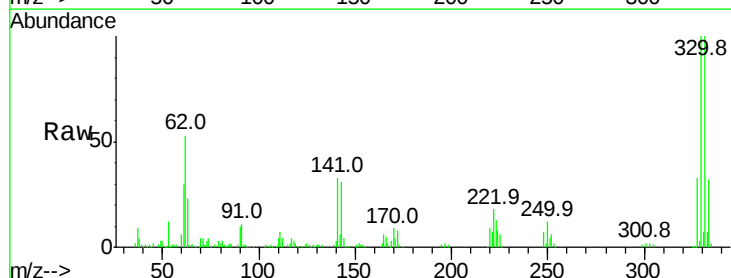
Tgt Ion:248 Resp: 9911

Ion Ratio Lower Upper

248 100

250 179.9 76.8 115.2#

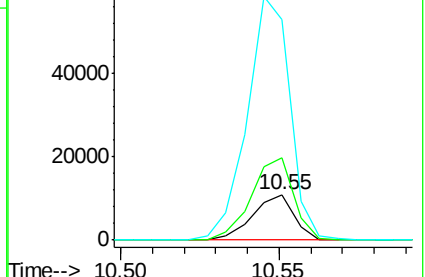
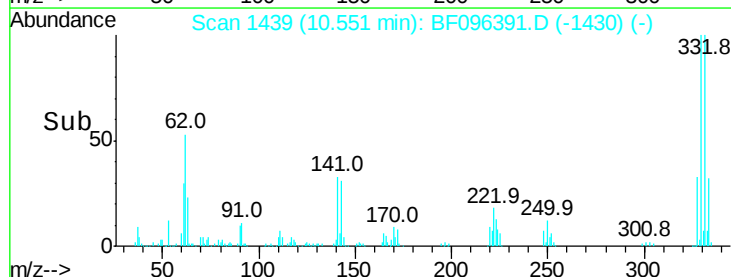
141 483.2 68.6 103.0#

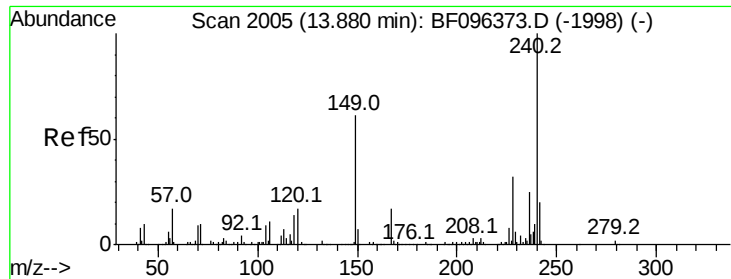


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF096391.D

Acq: 1 Jul 2017 21:00

Instrument :

BNA_F

ClientSampleId :

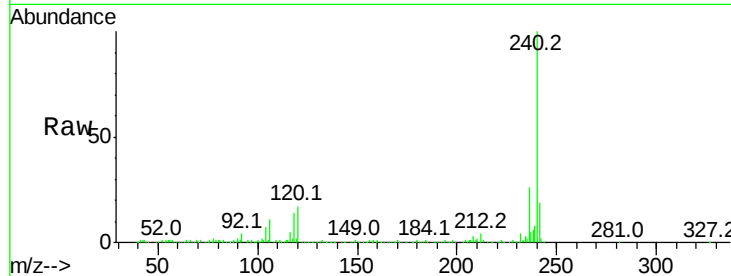
Tot Ion:240 Resp: 303138

Ion Ratio Lower Upper

240 100

120 17.2 5.8 8.8#

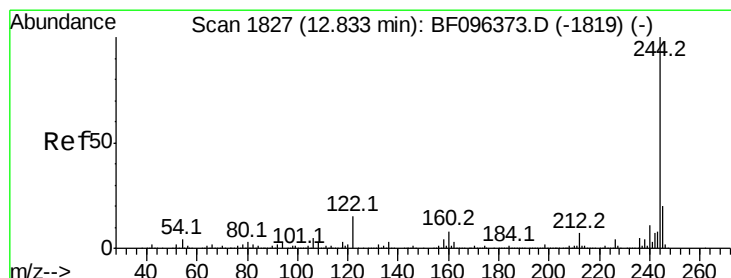
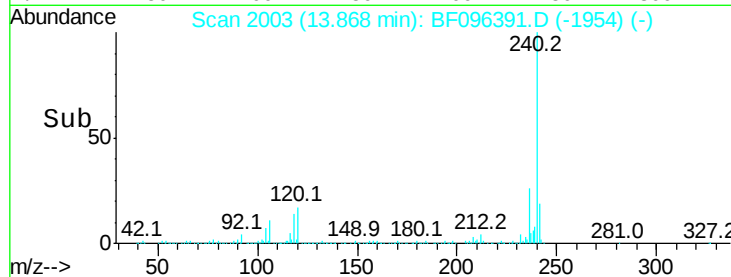
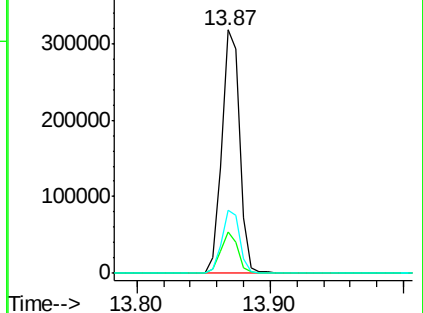
236 26.1 20.5 30.7



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: 49.36 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF096391.D

Acq: 1 Jul 2017 21:00

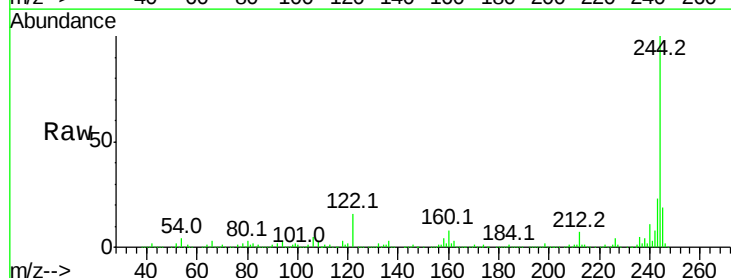
Tgt Ion:244 Resp: 700281

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

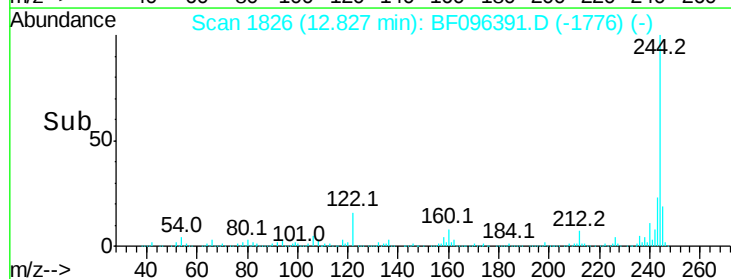
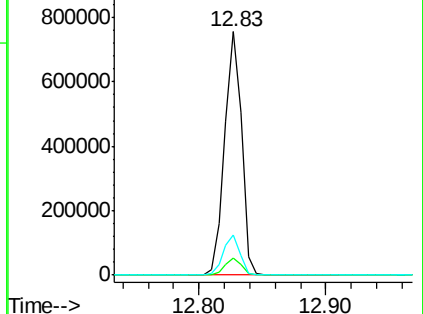
122 16.3 10.3 15.5#

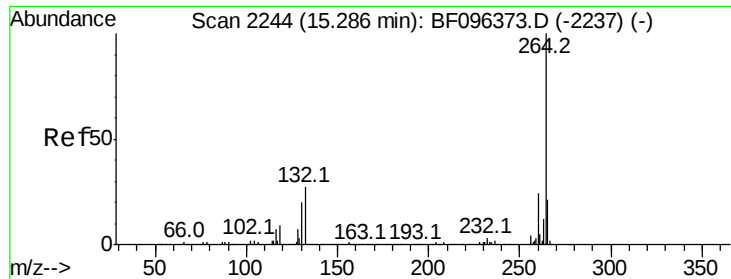


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF096391.D
Acq: 1 Jul 2017 21:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	21.4	17.2	25.8

