

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070117\
 Data File : BF096393.D
 Acq On : 1 Jul 2017 21:56
 Operator : SJ/MA
 Sample : I3980-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 01:51:26 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

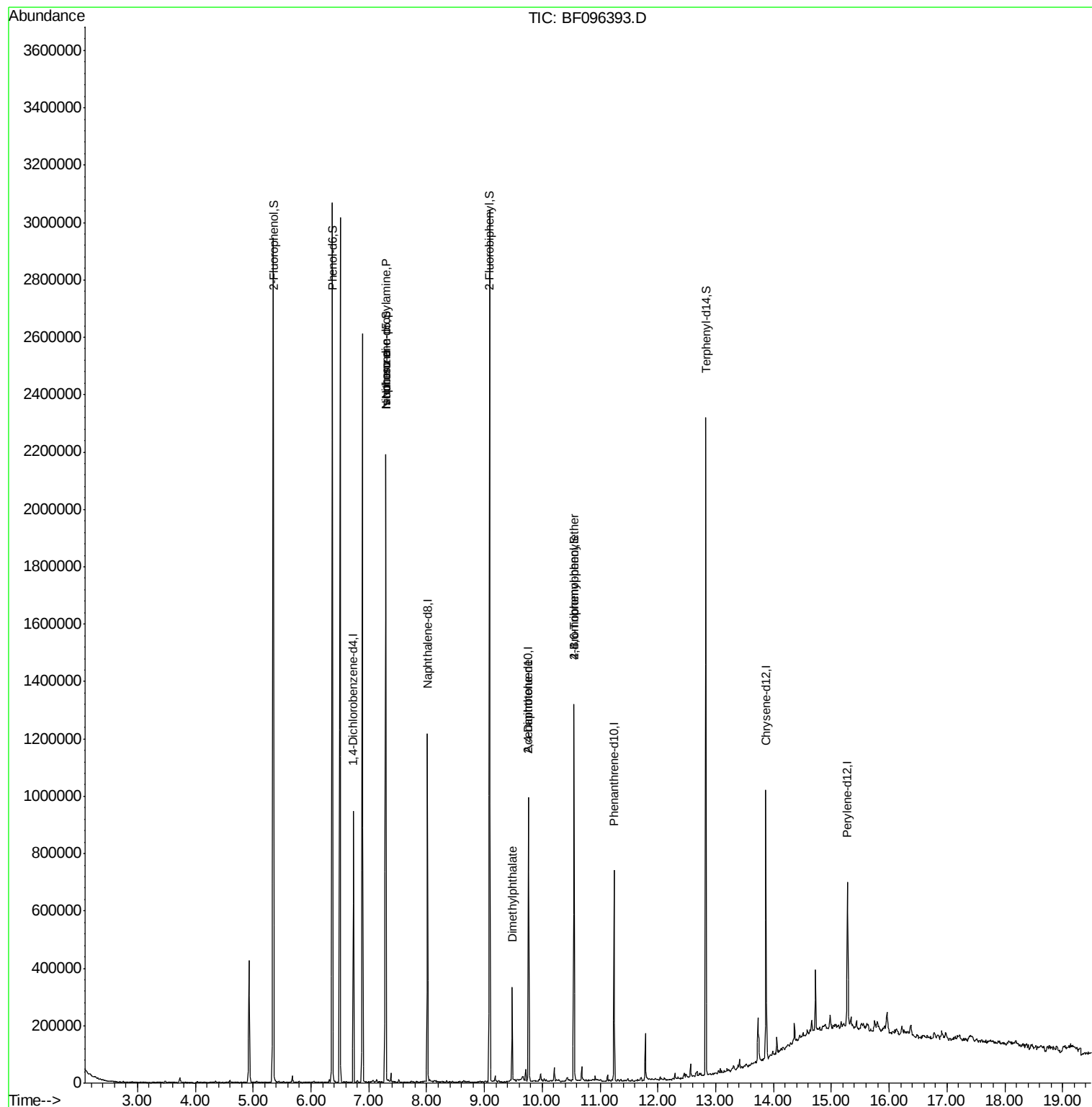
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	128287	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	523977	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	184039	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	269491	20.00	ng	0.00
75) Chrysene-d12	13.87	240	299854	20.00	ng	-0.01
86) Perylene-d12	15.28	264	206226	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	914638	105.23	ng	0.00
7) Phenol-d6	6.37	99	1068405	99.99	ng	0.00
23) Nitrobenzene-d5	7.29	82	629644	72.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	144961	100.84	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	936132	86.97	ng	0.00
78) Terphenyl-d14	12.83	244	706321	50.33	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	81975	12.88	ng	# 88
25) Isophorone	7.29	82	627201	37.10	ng	# 67
49) Dimethylphthalate	9.48	163	110342	8.03	ng	100
56) 2,4-Dinitrotoluene	9.76	165	22620	5.88	ng	# 32
66) 4-Bromophenyl-phenylether	10.55	248	9736	3.71	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: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF096393.D

Acq: 1 Jul 2017 21:56

Instrument :

BNA_F

ClientSampleId :

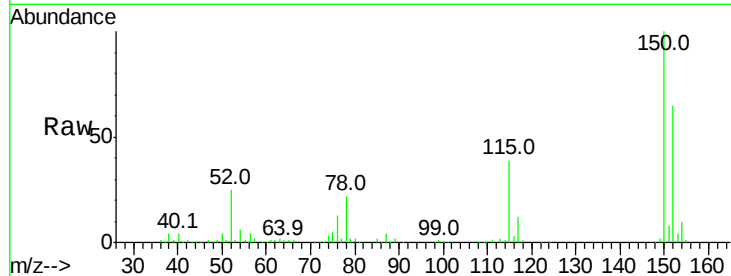
Tot Ion:152 Resp: 128287

Ion Ratio Lower Upper

152 100

150 153.3 126.2 189.2

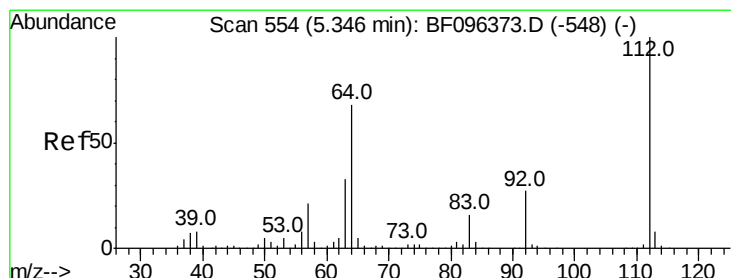
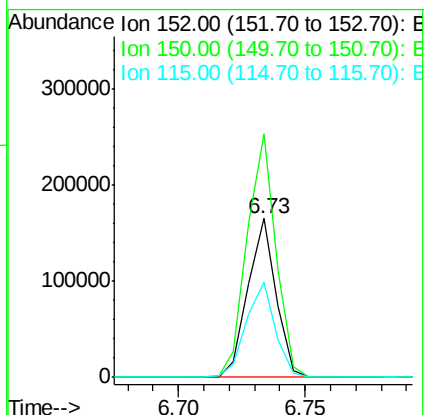
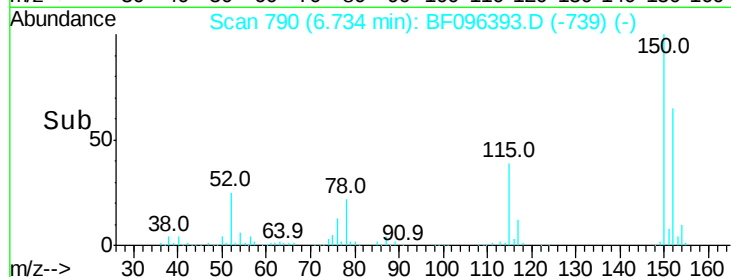
115 59.9 52.2 78.2



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: 105.23 ng

RT: 5.35 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF096393.D

Acq: 1 Jul 2017 21:56

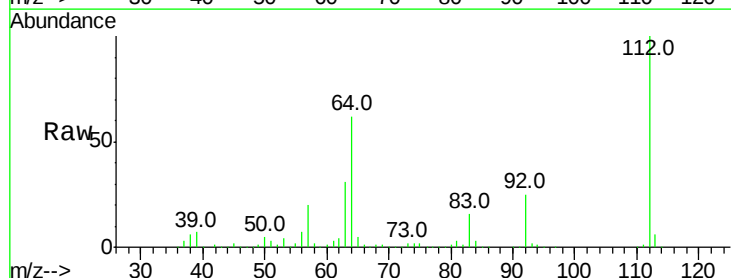
Tgt Ion:112 Resp: 914638

Ion Ratio Lower Upper

112 100

64 61.7 46.0 69.0

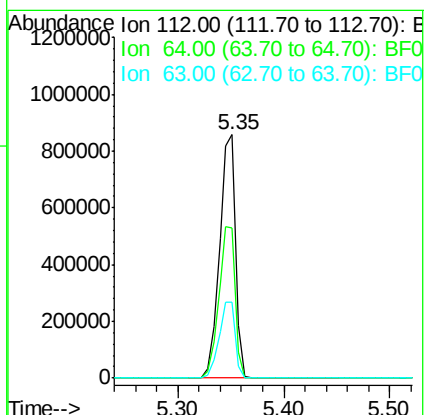
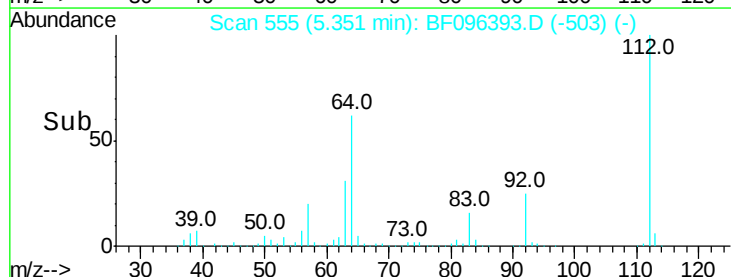
63 31.3 23.4 35.0



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: 99.99 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF096393.D

Acq: 1 Jul 2017 21:56

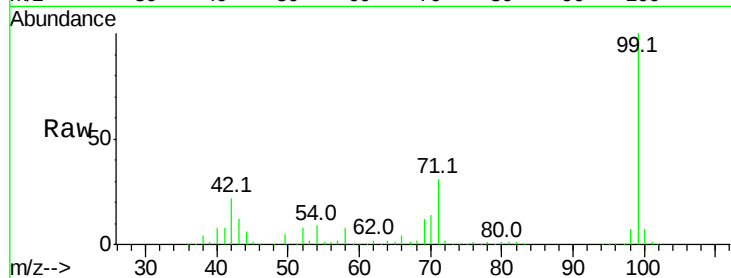
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1068405

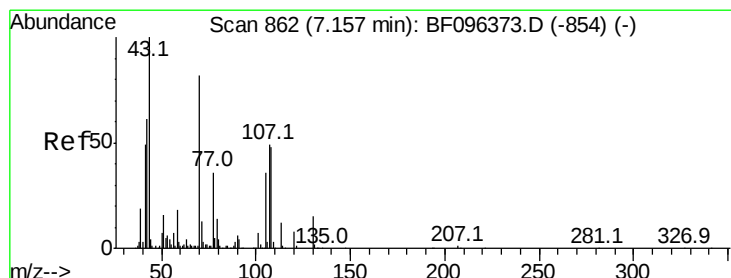
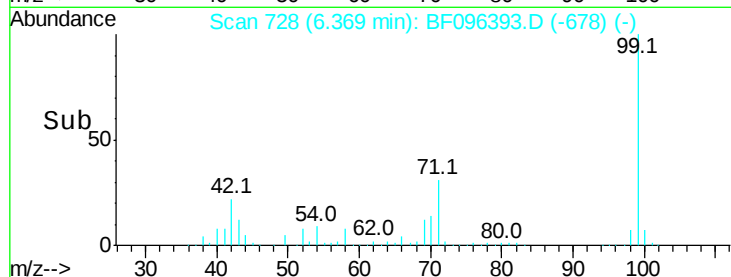
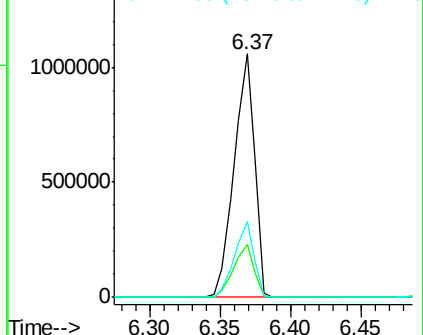
Ion	Ratio	Lower	Upper
99	100		
42	21.6	13.5	20.3#
71	31.3	24.5	36.7



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: 12.88 ng

RT: 7.29 min Scan# 885

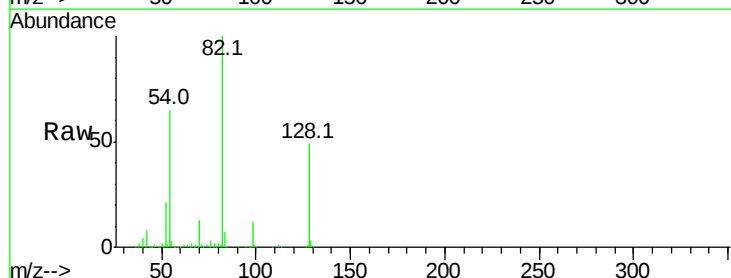
Delta R.T. 0.14 min

Lab File: BF096393.D

Acq: 1 Jul 2017 21:56

Tgt Ion: 70 Resp: 81975

Ion	Ratio	Lower	Upper
70	100		
42	60.6	47.2	70.8
101	0.0	7.2	10.8#
130	2.9	15.9	23.9#

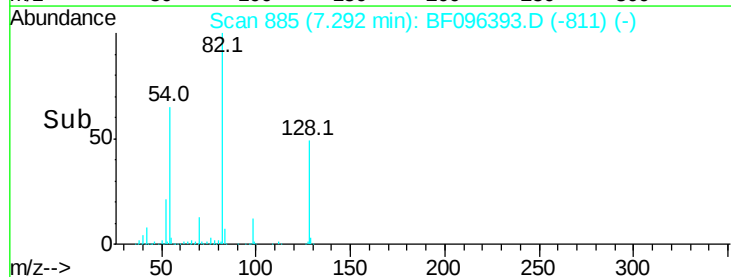
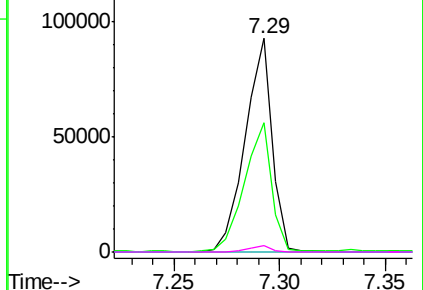


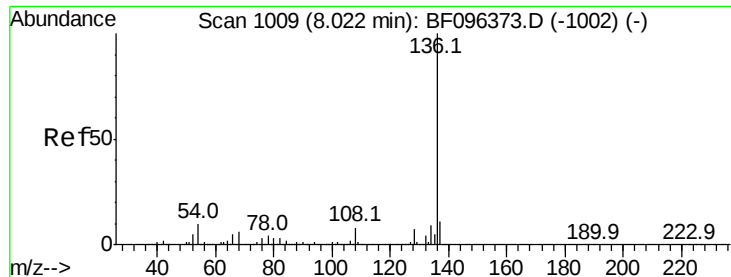
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF096393.D

Acq: 1 Jul 2017 21:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 523977

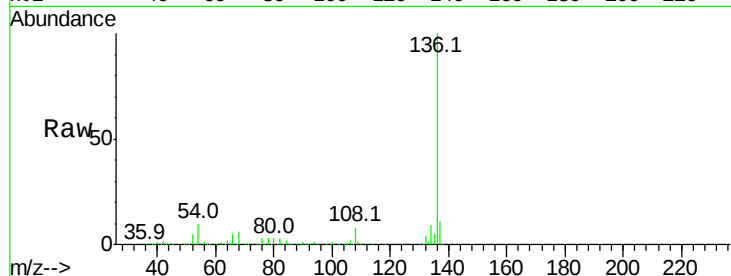
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 10.0 4.9 7.3#

68 6.0 4.1 6.1

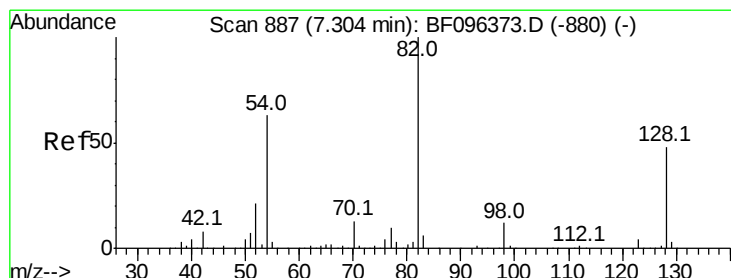
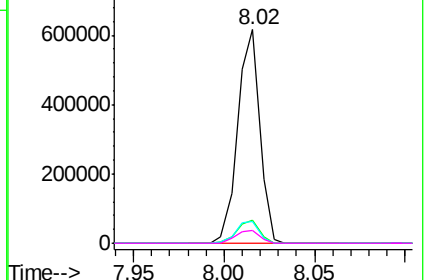
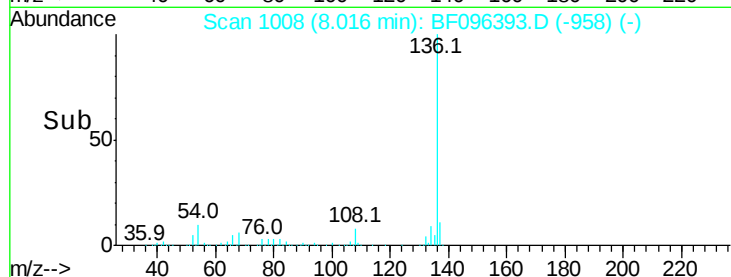


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.21 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF096393.D

Acq: 1 Jul 2017 21:56

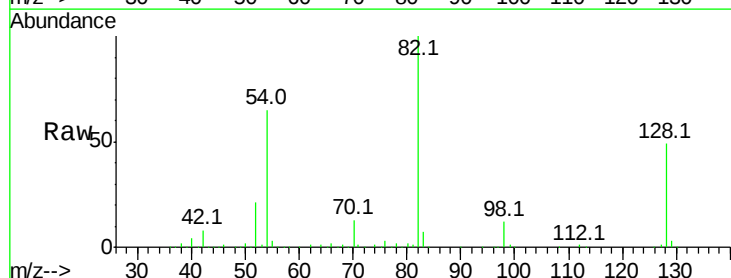
Tgt Ion: 82 Resp: 629644

Ion Ratio Lower Upper

82 100

128 49.1 34.0 51.0

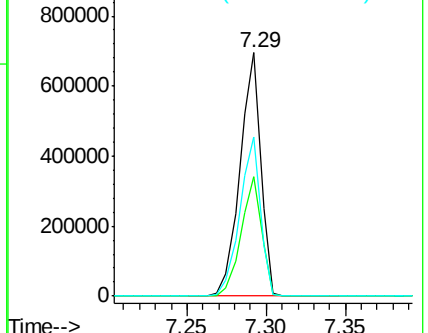
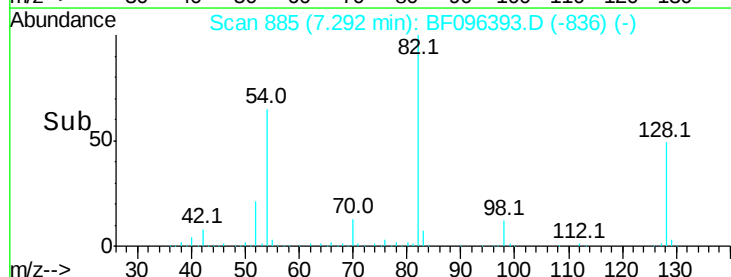
54 65.4 42.2 63.2#

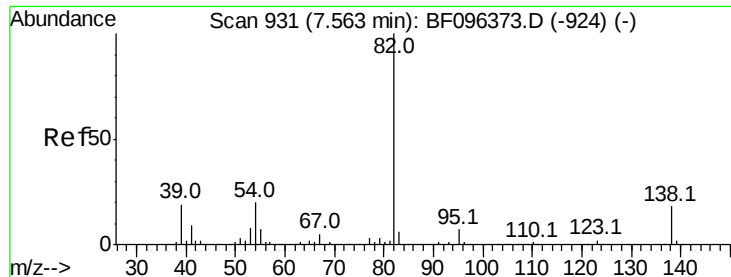


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 37.10 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.27 min

Lab File: BF096393.D

Acq: 1 Jul 2017 21:56

Instrument :

BNA_F

ClientSampled :

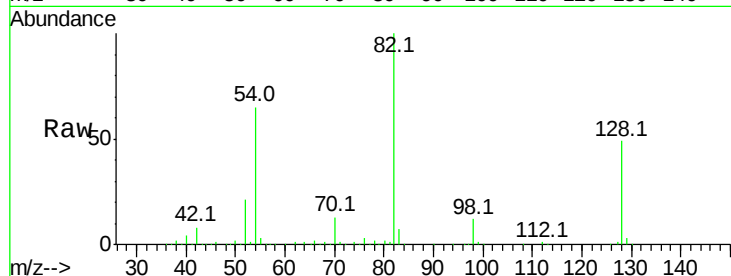
Tot Ion: 82 Resp: 627201

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

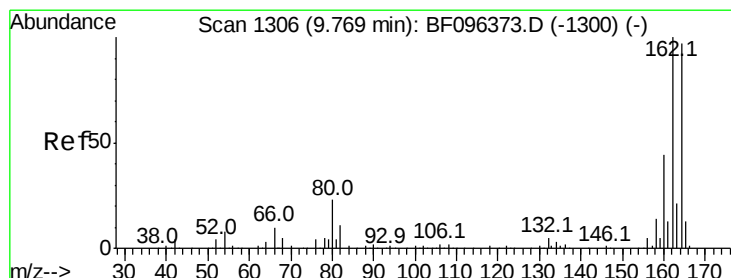
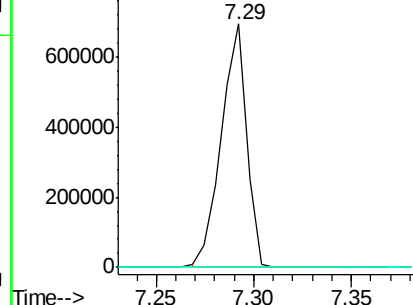
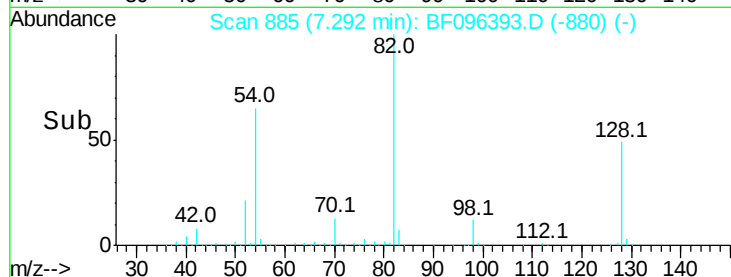
138 0.0 13.1 19.7#



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF096393.D

Acq: 1 Jul 2017 21:56

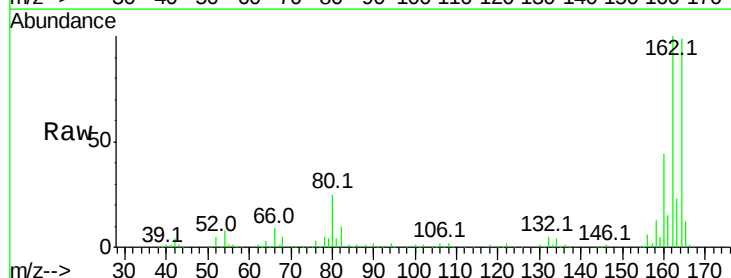
Tgt Ion:164 Resp: 184039

Ion Ratio Lower Upper

164 100

162 100.8 82.6 123.8

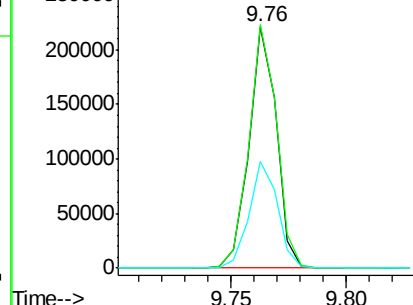
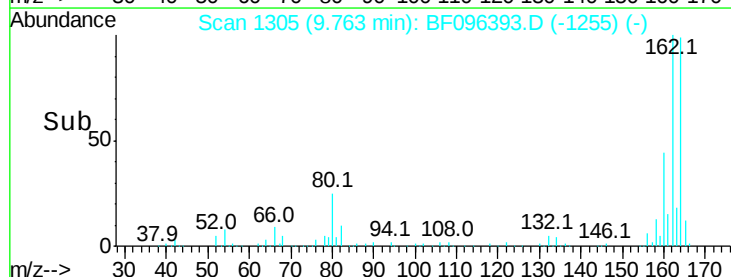
160 44.3 36.2 54.2



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

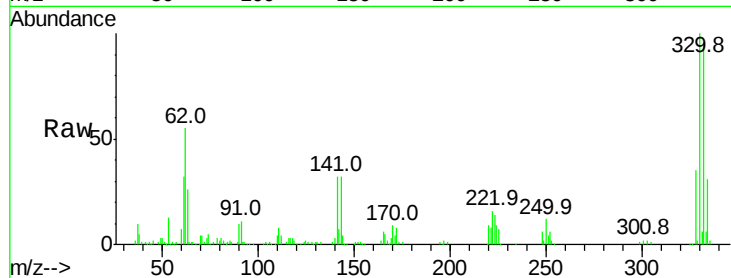




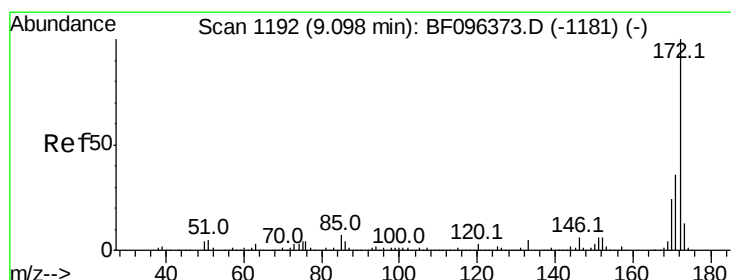
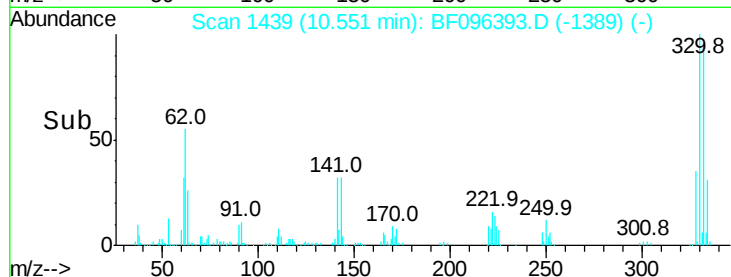
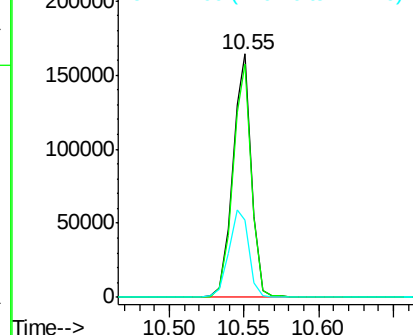
#41
 2,4,6-Tribromophenol
 Concen: 100.84 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF096393.D
 Acq: 1 Jul 2017 21:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 144961
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 38.8 31.4 47.2

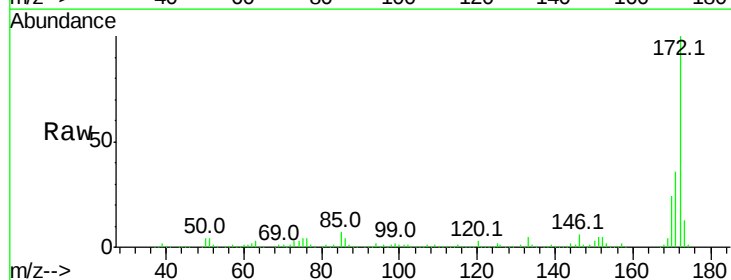


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

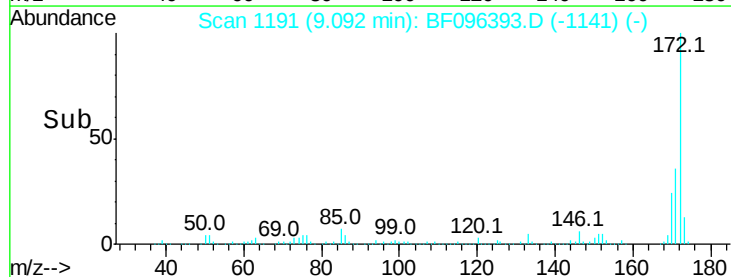
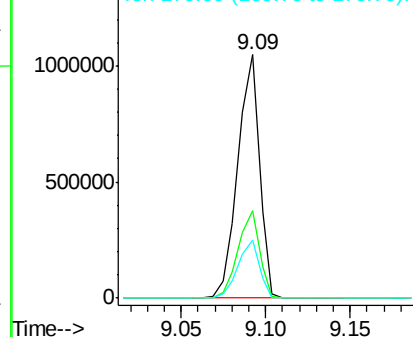


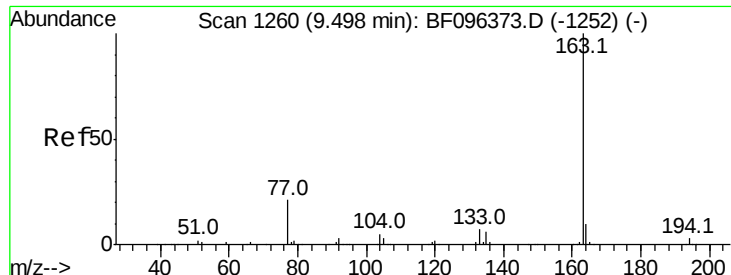
#44
 2-Fluorobiphenyl
 Concen: 86.97 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF096393.D
 Acq: 1 Jul 2017 21:56

Tgt Ion:172 Resp: 936132
 Ion Ratio Lower Upper
 172 100
 171 35.9 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

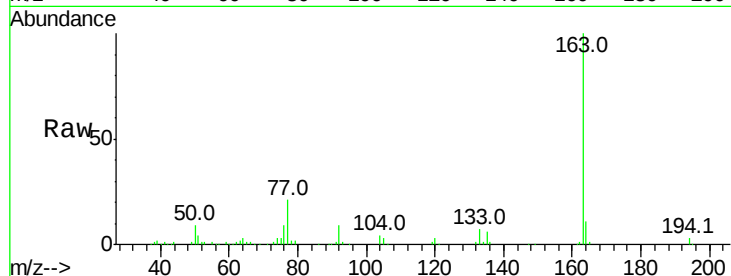




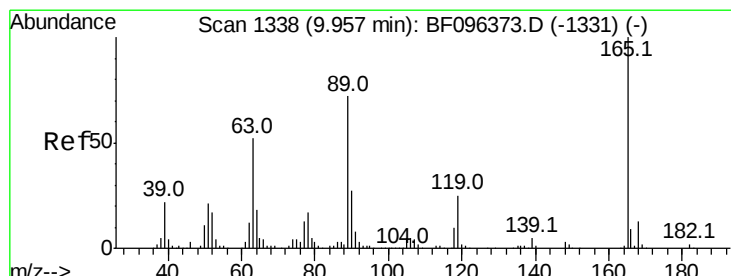
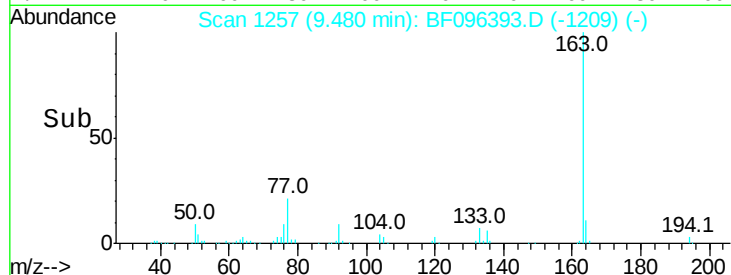
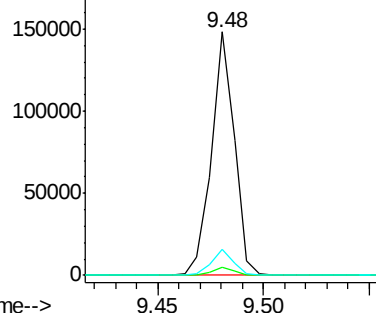
#49
Dimethylphthalate
Concen: 8.03 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF096393.D
Acq: 1 Jul 2017 21:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 110342
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.5 8.4 12.6

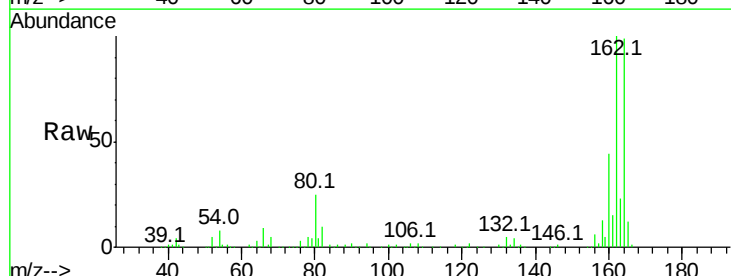


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

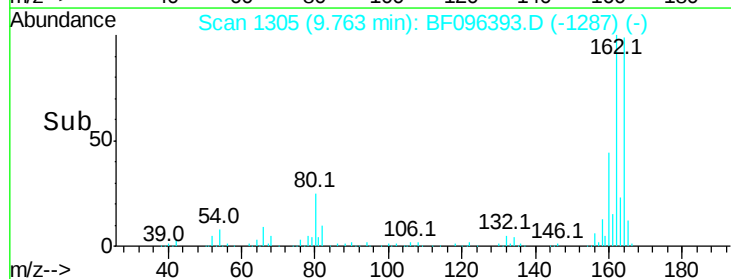
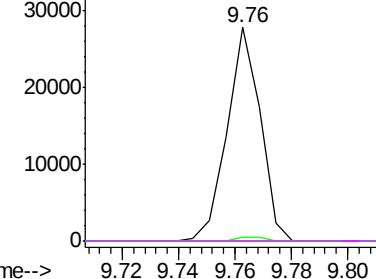


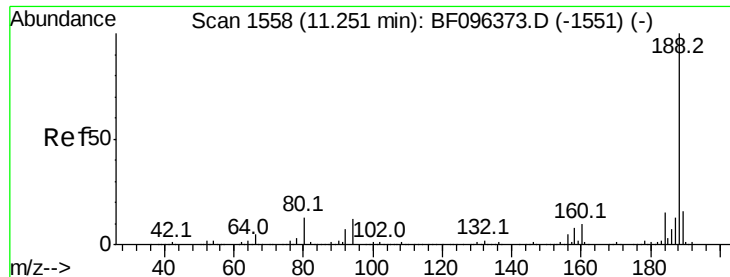
#56
2,4-Dinitrotoluene
Concen: 5.88 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF096393.D
Acq: 1 Jul 2017 21:56

Tgt Ion:165 Resp: 22620
Ion Ratio Lower Upper
165 100
63 1.7 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: 11.24 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF096393.D

Acq: 1 Jul 2017 21:56

Instrument :

BNA_F

ClientSampleId :

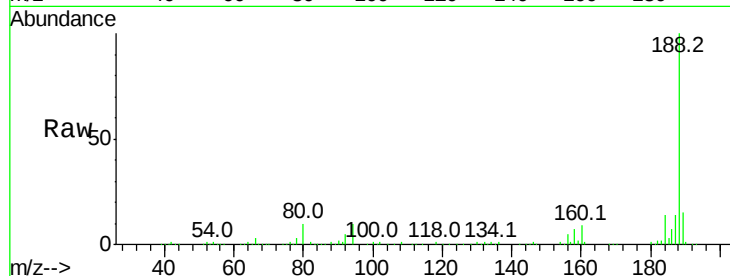
Tot Ion:188 Resp: 269491

Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.2

80 10.1 10.2 15.2#

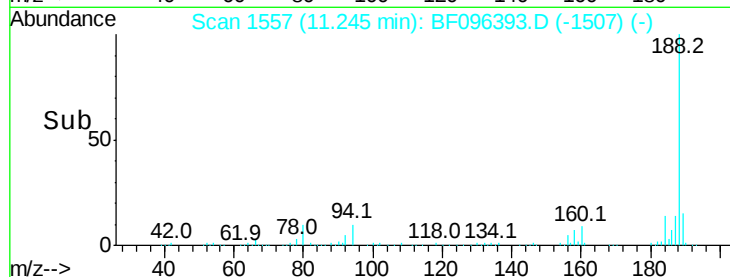


Abundance Ion 188.00 (187.70 to 188.70): E

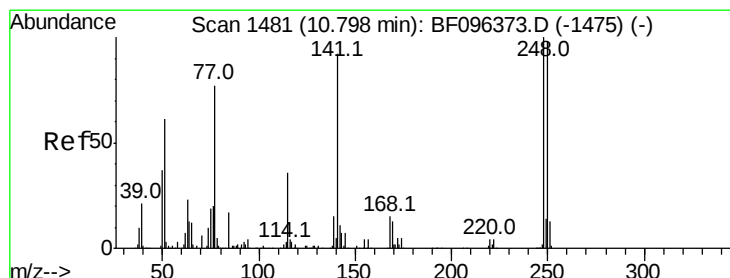
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



Time-->



#66

4-Bromophenyl-phenylether

Concen: 3.71 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.25 min

Lab File: BF096393.D

Acq: 1 Jul 2017 21:56

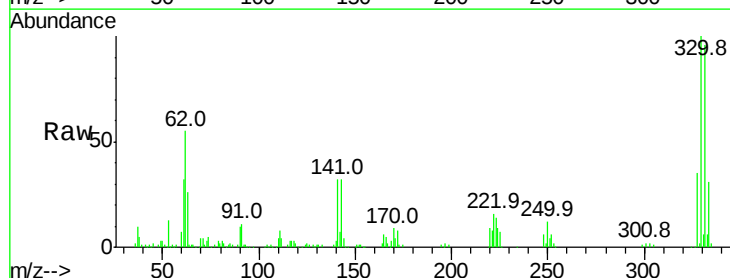
Tgt Ion:248 Resp: 9736

Ion Ratio Lower Upper

248 100

250 187.8 76.8 115.2#

141 502.4 68.6 103.0#

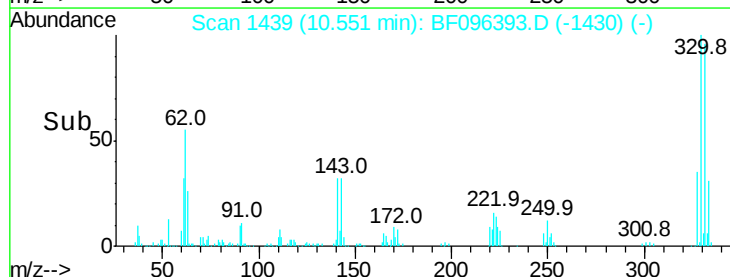


Abundance Ion 248.00 (247.70 to 248.70): E

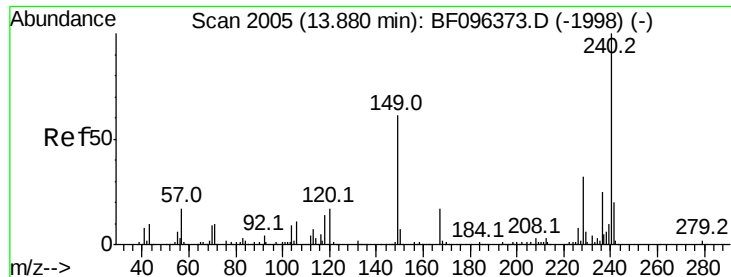
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF096393.D

Acq: 1 Jul 2017 21:56

Instrument :

BNA_F

ClientSampleId :

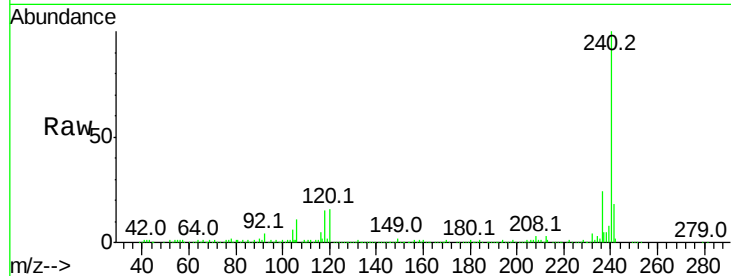
Tot Ion:240 Resp: 299854

Ion Ratio Lower Upper

240 100

120 16.3 5.8 8.8#

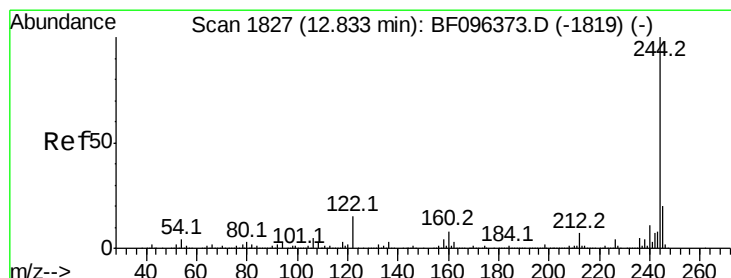
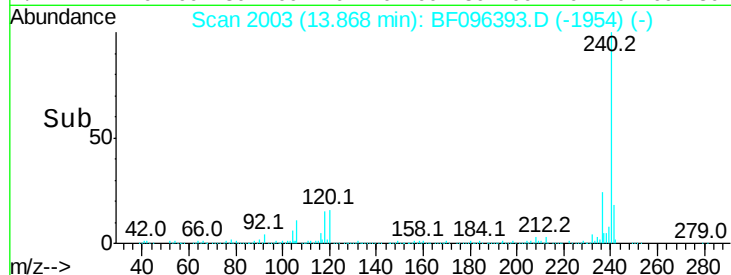
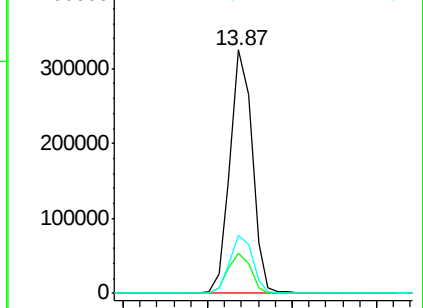
236 24.0 20.5 30.7



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: 50.33 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF096393.D

Acq: 1 Jul 2017 21:56

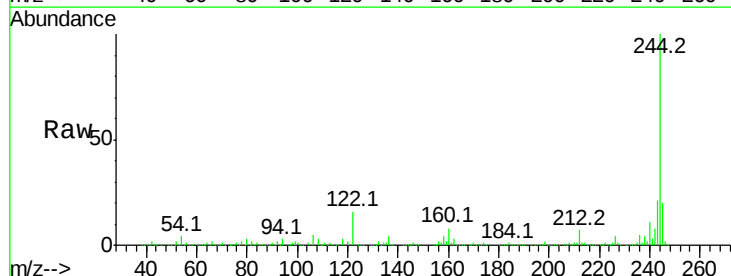
Tgt Ion:244 Resp: 706321

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

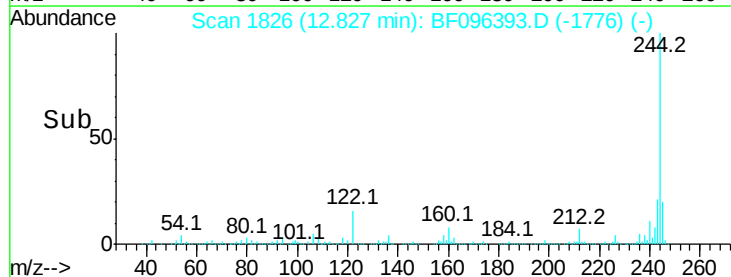
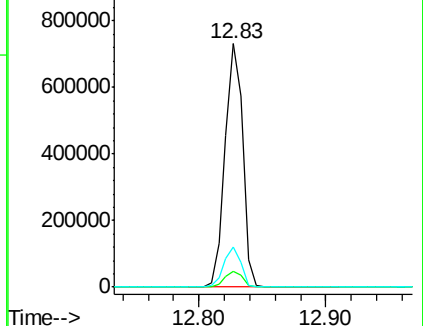
122 16.4 10.3 15.5#

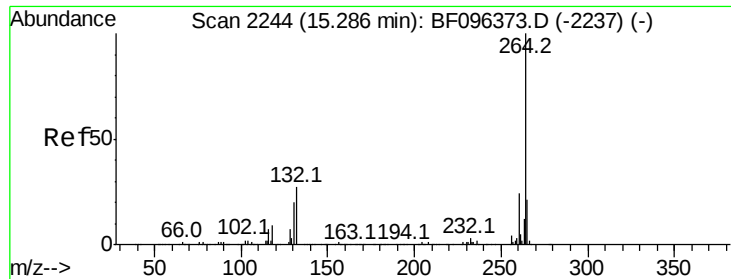


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

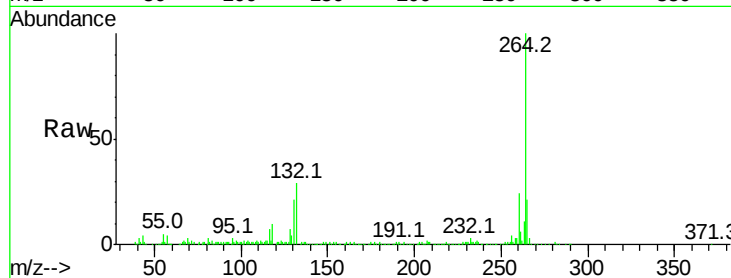




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF096393.D
Acq: 1 Jul 2017 21:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.2	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

