

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070317\
 Data File : BF096440.D
 Acq On : 3 Jul 2017 14:46
 Operator : SJ/MA
 Sample : I3930-05RE 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 16:15:47 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

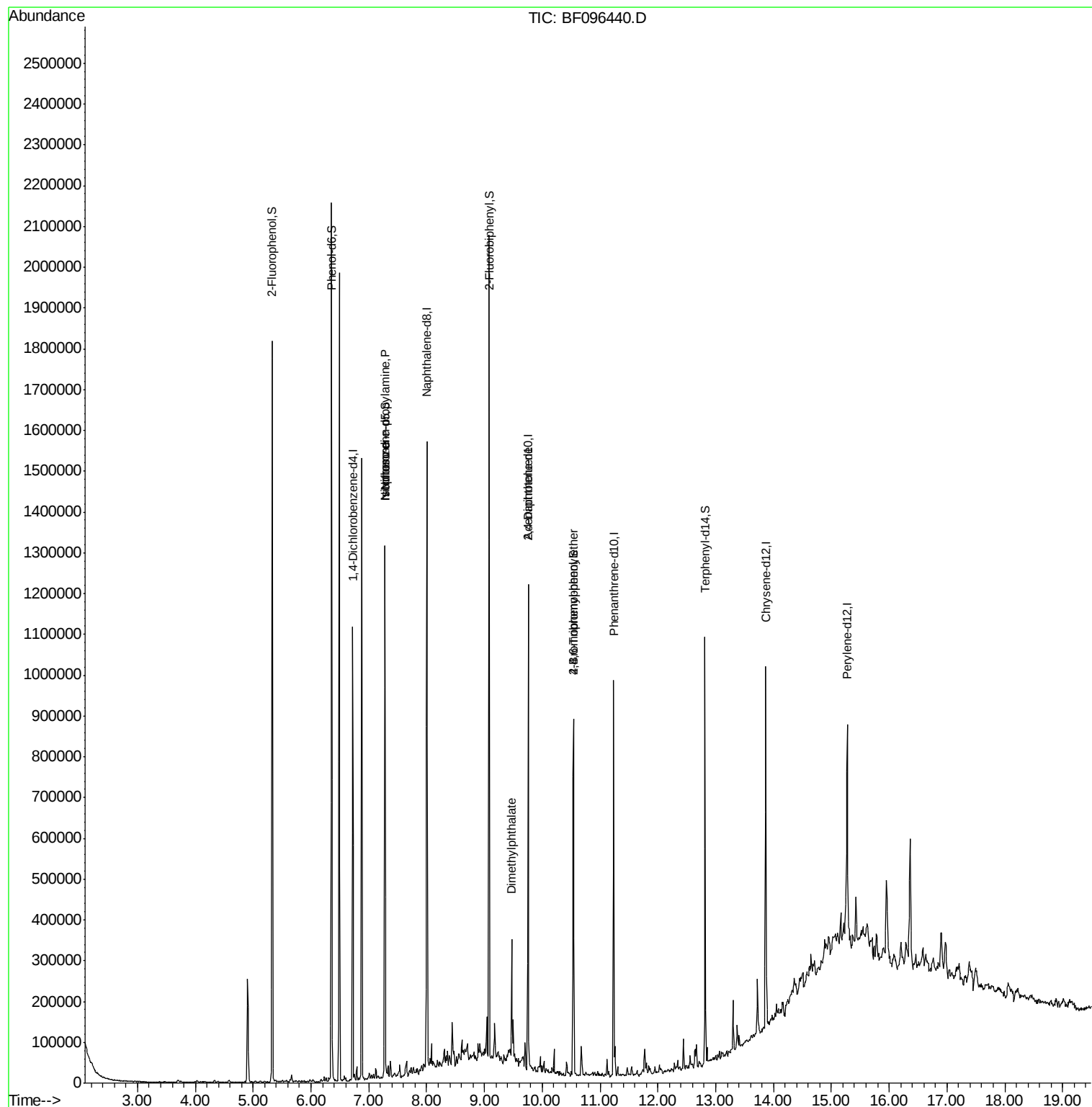
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	145708	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	597606	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	219486	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	311649	20.00	ng	-0.02
75) Chrysene-d12	13.86	240	266340	20.00	ng	-0.02
86) Perylene-d12	15.27	264	225696	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	528210	53.51	ng	-0.01
7) Phenol-d6	6.36	99	650928	53.63	ng	-0.02
23) Nitrobenzene-d5	7.28	82	353412	35.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	88788	51.79	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	577018	44.95	ng	-0.02
78) Terphenyl-d14	12.82	244	298188	23.92	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	48249	6.67	ng	# 86
25) Isophorone	7.28	82	350764	18.19	ng	# 67
49) Dimethylphthalate	9.47	163	106851	6.52	ng	98
56) 2,4-Dinitrotoluene	9.76	165	28834	6.28	ng	# 33
66) 4-Bromophenyl-phenylether	10.54	248	6391	2.11	ng	# 1

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

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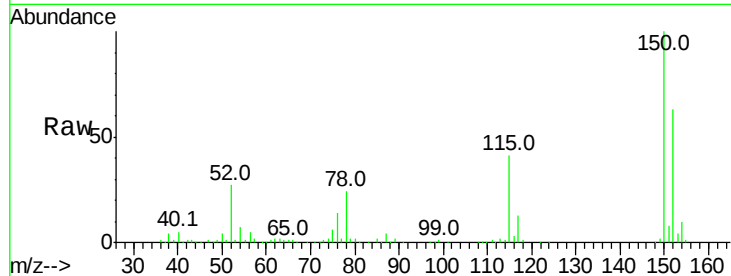


#1

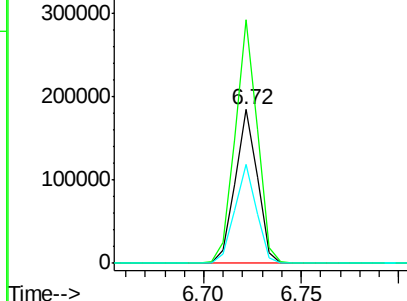
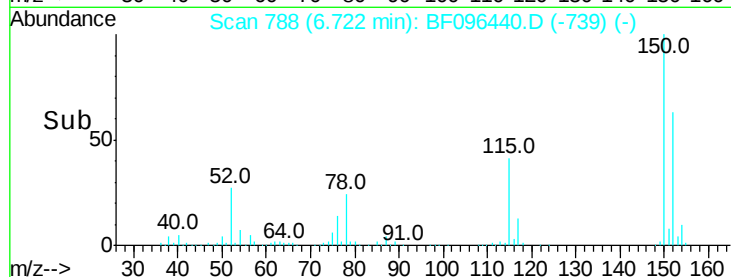
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF096440.D
Acq: 3 Jul 2017 14:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 145708
Ion Ratio Lower Upper
152 100
150 158.7 126.2 189.2
115 64.3 52.2 78.2



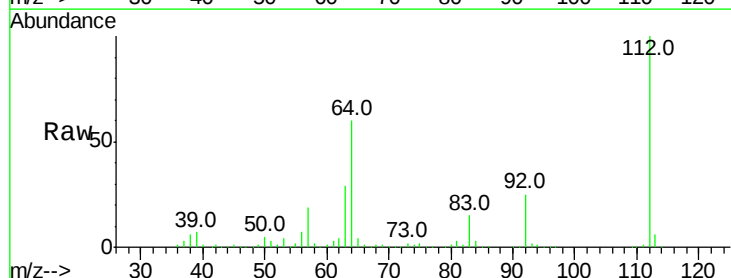
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



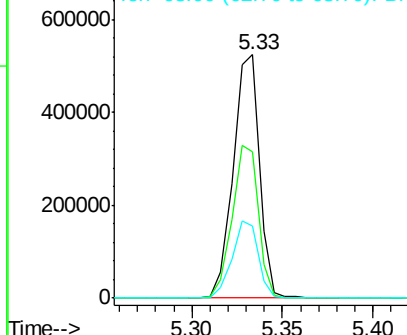
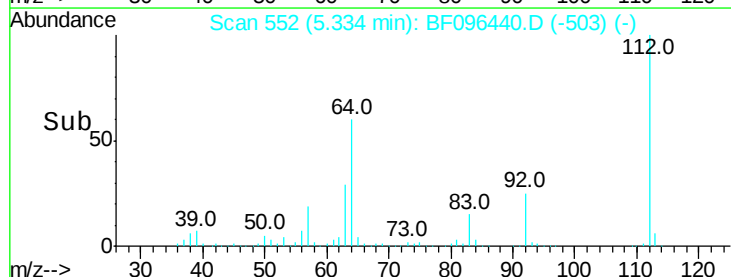
#5

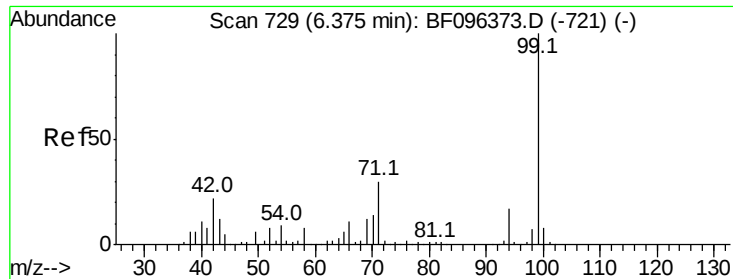
2-Fluorophenol
Concen: 53.51 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF096440.D
Acq: 3 Jul 2017 14:46

Tgt Ion:112 Resp: 528210
Ion Ratio Lower Upper
112 100
64 60.1 46.0 69.0
63 29.5 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: 53.63 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF096440.D

Acq: 3 Jul 2017 14:46

Instrument :

BNA_F

ClientSampled :

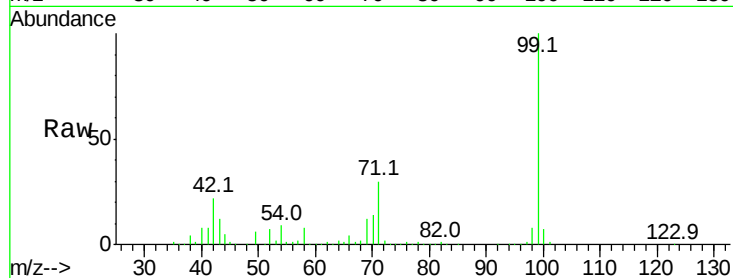
Tot Ion: 99 Resp: 650928

Ion Ratio Lower Upper

99 100

42 21.6 13.5 20.3#

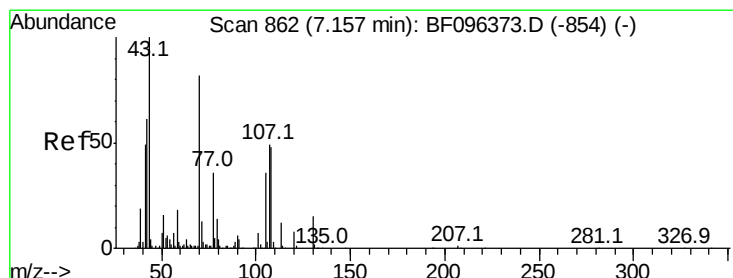
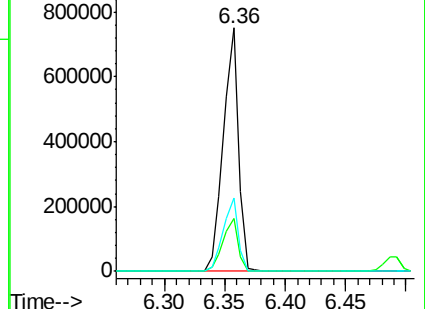
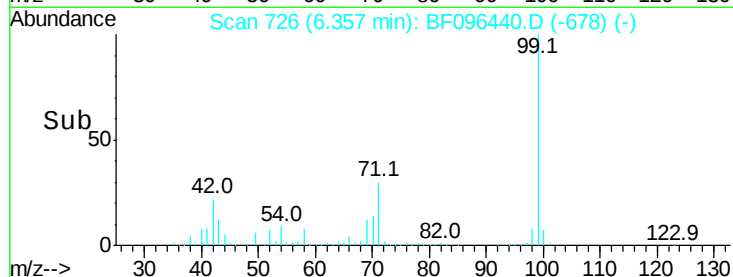
71 30.0 24.5 36.7



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: 6.67 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.12 min

Lab File: BF096440.D

Acq: 3 Jul 2017 14:46

Tgt Ion: 70 Resp: 48249

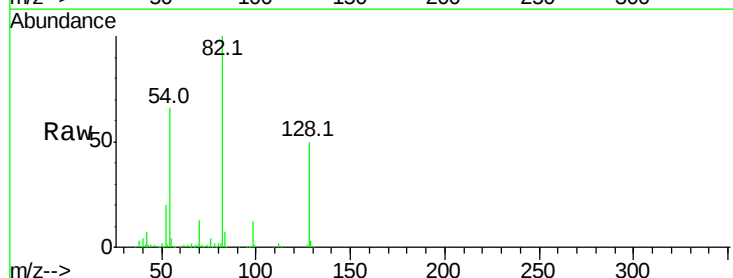
Ion Ratio Lower Upper

70 100

42 55.9 47.2 70.8

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#

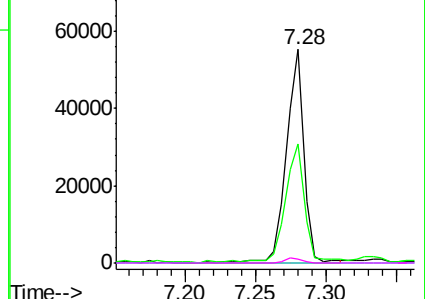
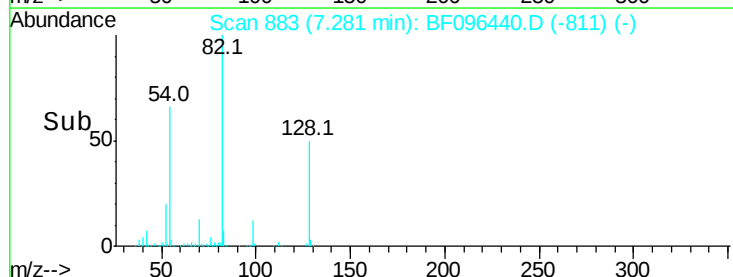


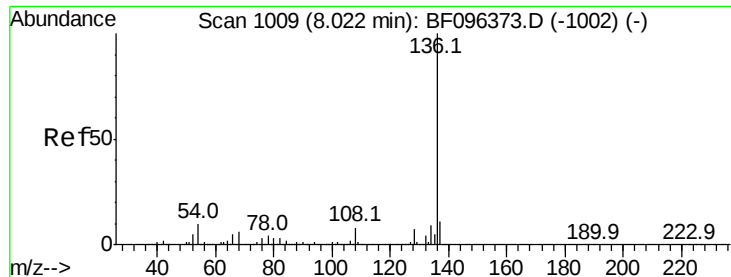
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.00 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF096440.D

Acq: 3 Jul 2017 14:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 597606

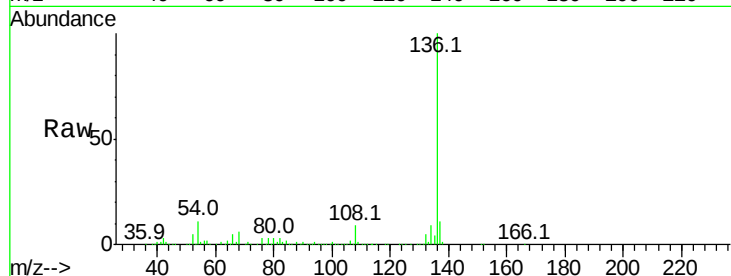
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 10.7 4.9 7.3#

68 5.8 4.1 6.1

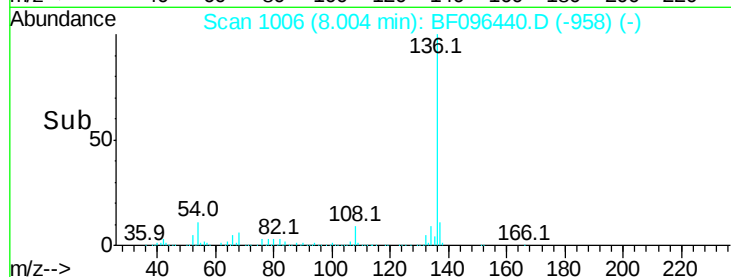


Abundance Ion 136.00 (135.70 to 136.70): E

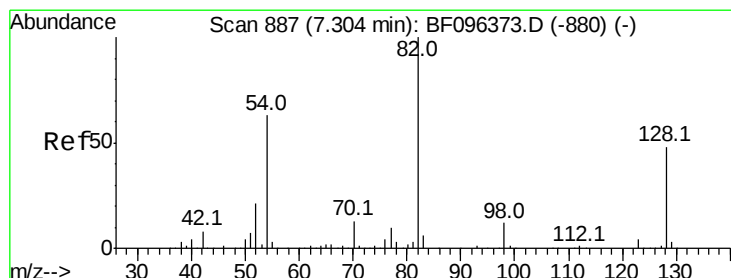
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 35.54 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF096440.D

Acq: 3 Jul 2017 14:46

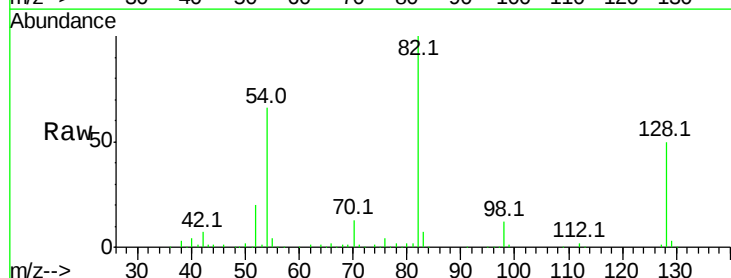
Tgt Ion: 82 Resp: 353412

Ion Ratio Lower Upper

82 100

128 49.8 34.0 51.0

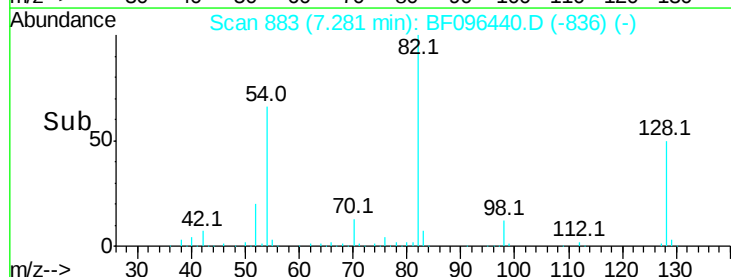
54 65.8 42.2 63.2#



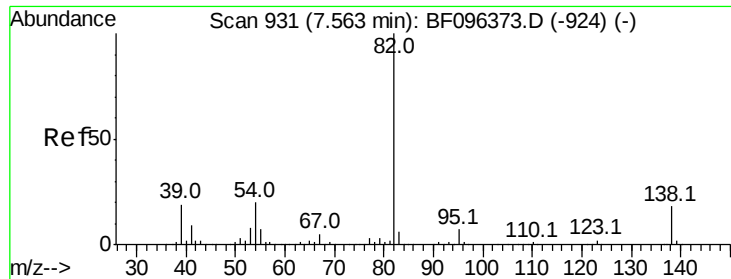
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#25

Isophorone

Concen: 18.19 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.28 min

Lab File: BF096440.D

Acq: 3 Jul 2017 14:46

Instrument :

BNA_F

ClientSampleId :

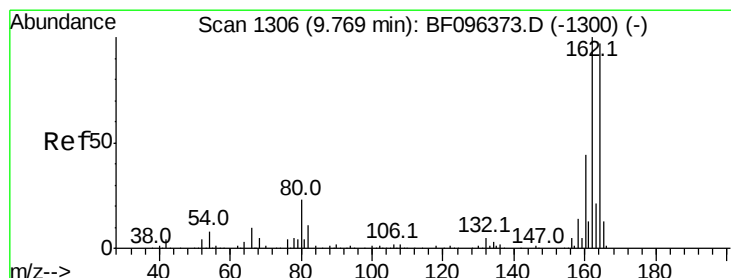
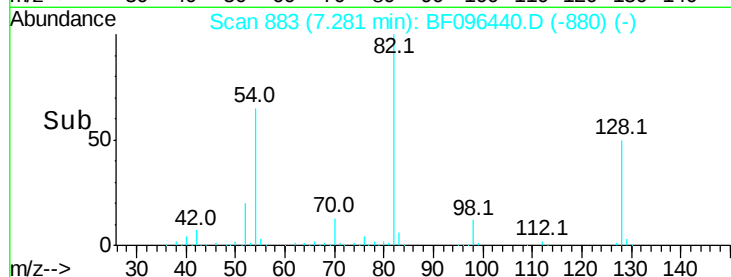
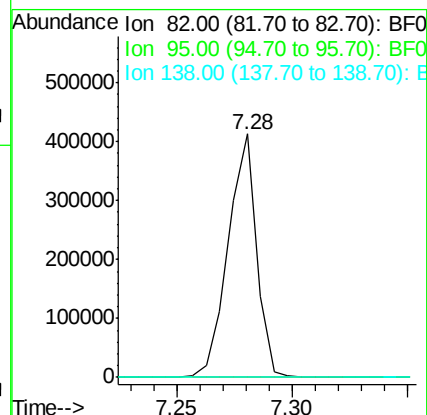
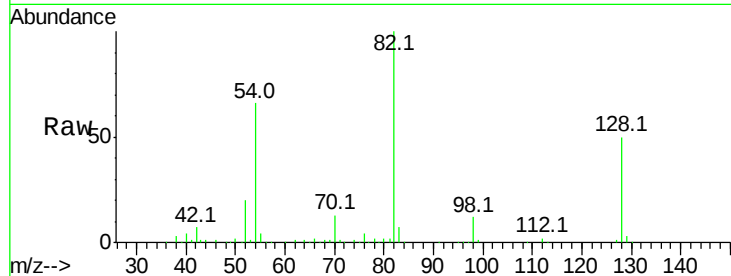
Tot Ion: 82 Resp: 350764

Ion Ratio Lower Upper

82 100

95 0.2 5.3 7.9#

138 0.0 13.1 19.7#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF096440.D

Acq: 3 Jul 2017 14:46

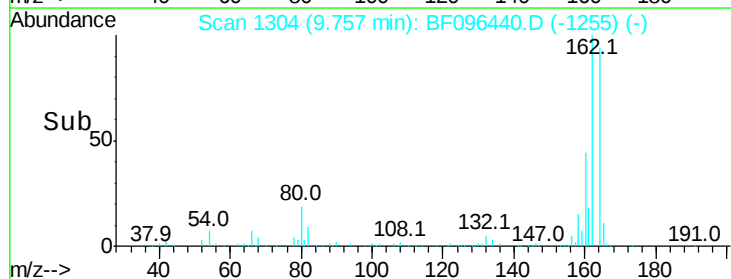
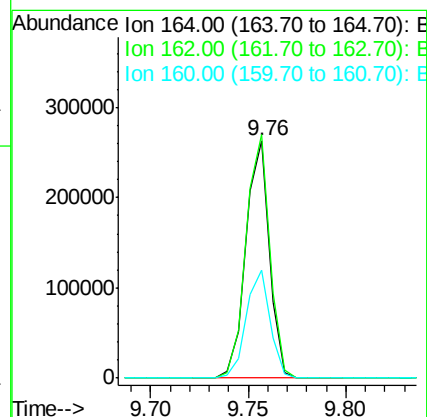
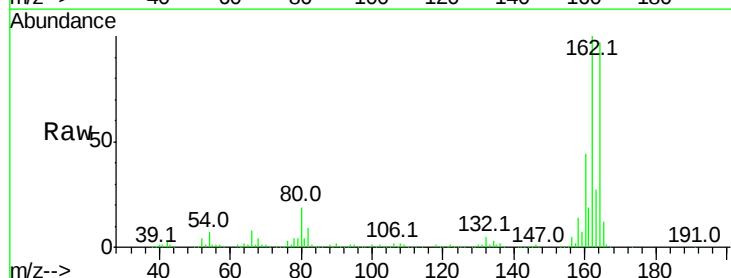
Tgt Ion:164 Resp: 219486

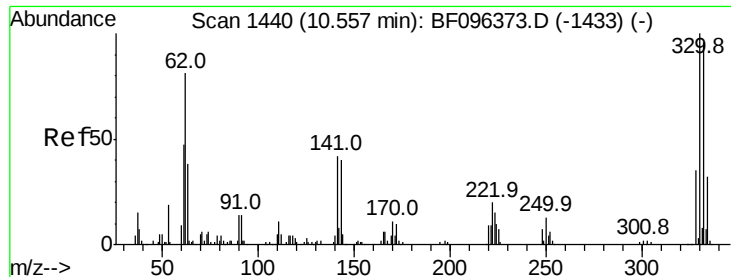
Ion Ratio Lower Upper

164 100

162 102.6 82.6 123.8

160 45.5 36.2 54.2

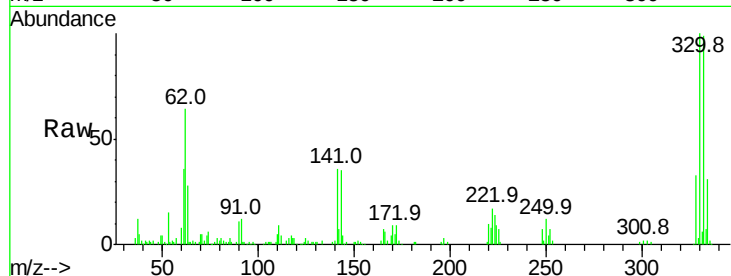




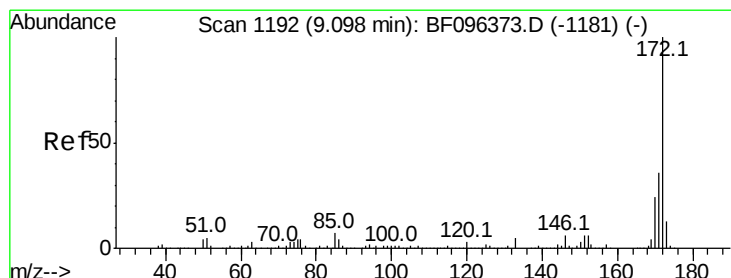
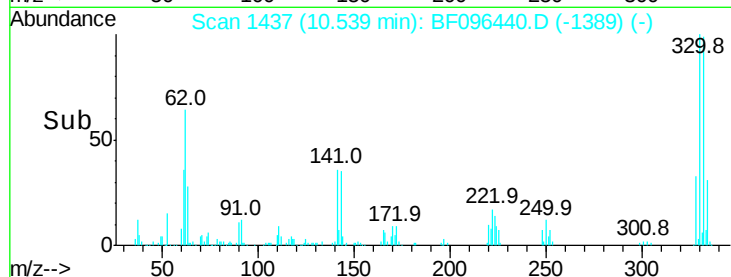
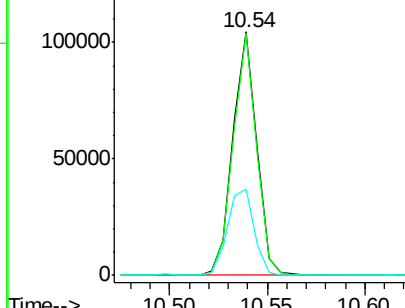
#41
 2,4,6-Tribromophenol
 Concen: 51.79 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.02 min
 Lab File: BF096440.D
 Acq: 3 Jul 2017 14:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 88788
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 40.4 31.4 47.2

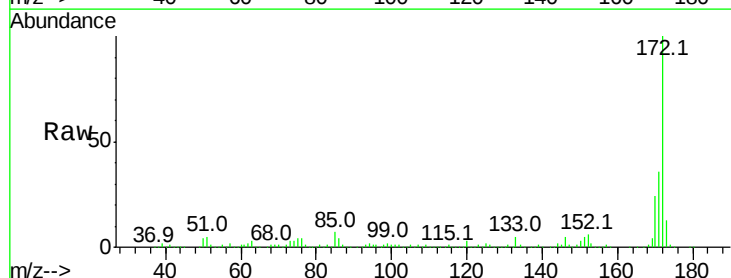


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

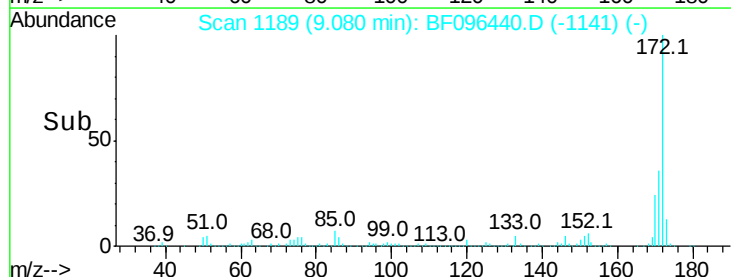
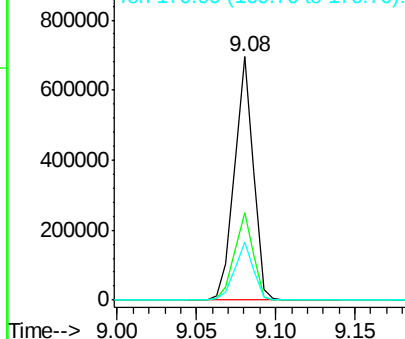


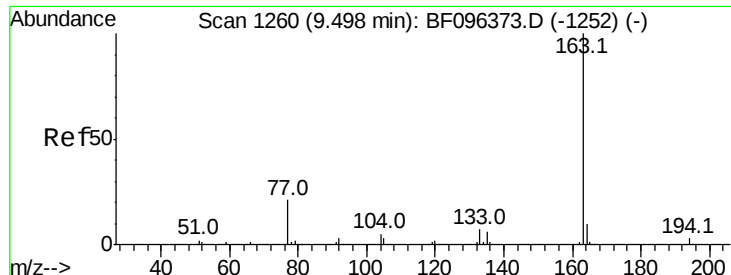
#44
 2-Fluorobiphenyl
 Concen: 44.95 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.02 min
 Lab File: BF096440.D
 Acq: 3 Jul 2017 14:46

Tgt Ion:172 Resp: 577018
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 24.1 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

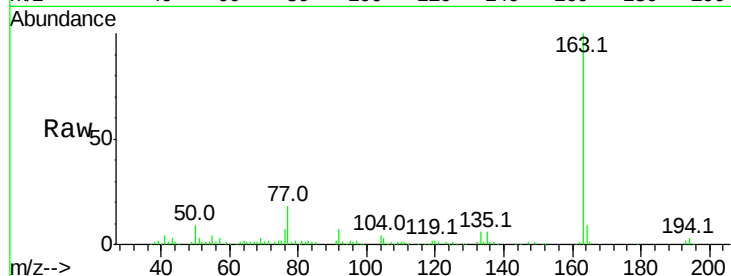




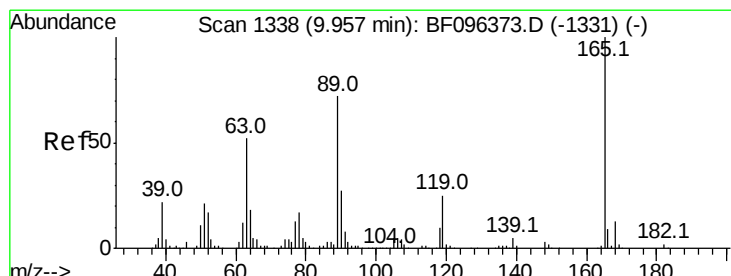
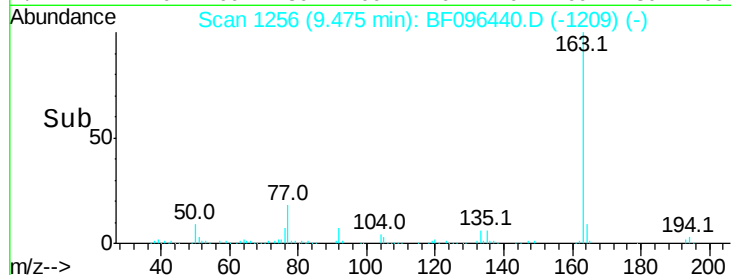
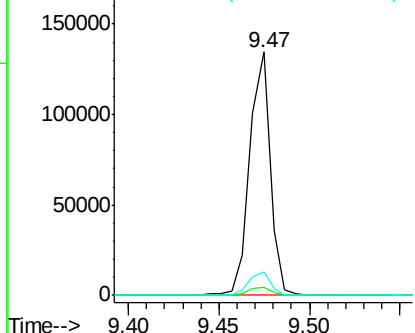
#49
Dimethylphthalate
Concen: 6.52 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF096440.D
Acq: 3 Jul 2017 14:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.5	8.4	12.6



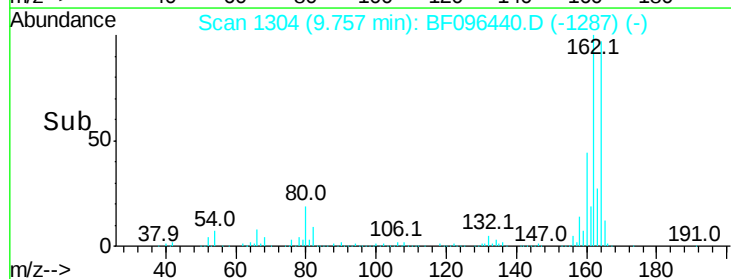
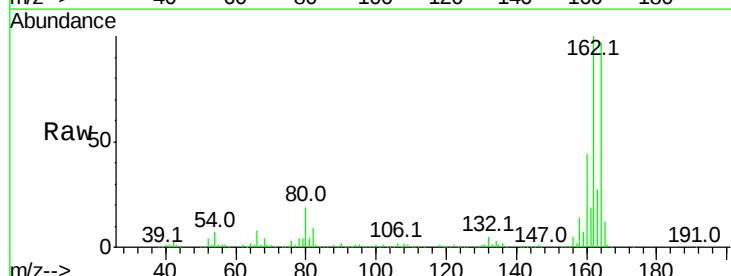
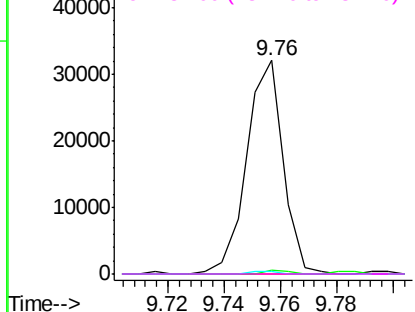
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

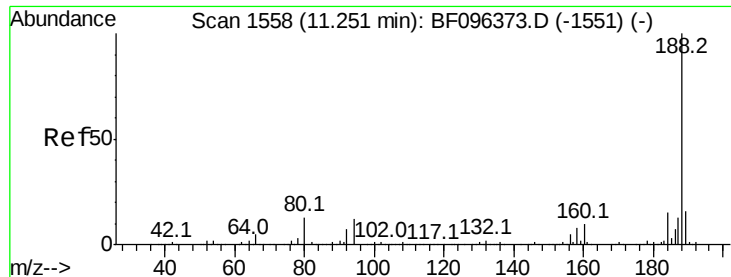


#56
2,4-Dinitrotoluene
Concen: 6.28 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.20 min
Lab File: BF096440.D
Acq: 3 Jul 2017 14:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	25.4	38.0#
89	1.3	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: 11.23 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BF096440.D

Acq: 3 Jul 2017 14:46

Instrument :

BNA_F

ClientSampleId :

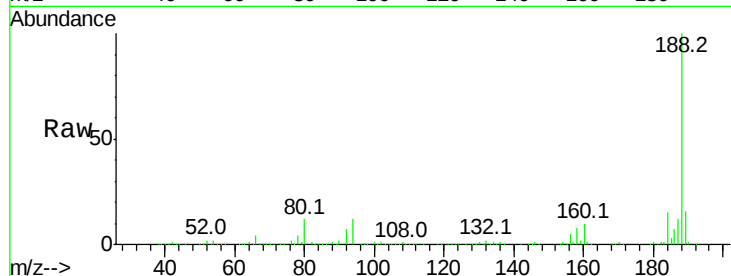
Tot Ion:188 Resp: 311649

Ion Ratio Lower Upper

188 100

94 12.2 9.4 14.2

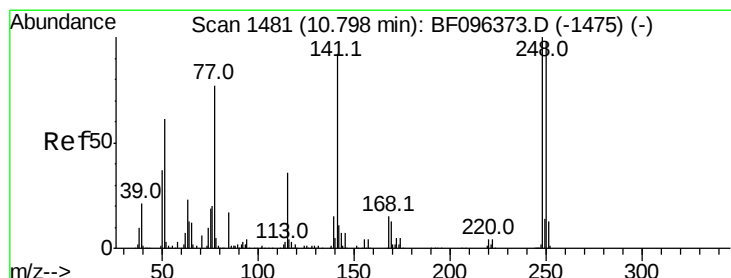
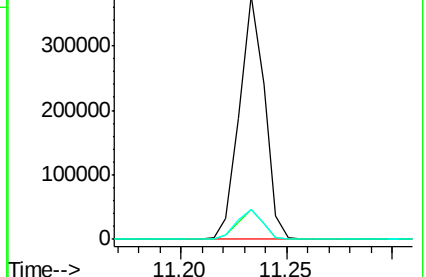
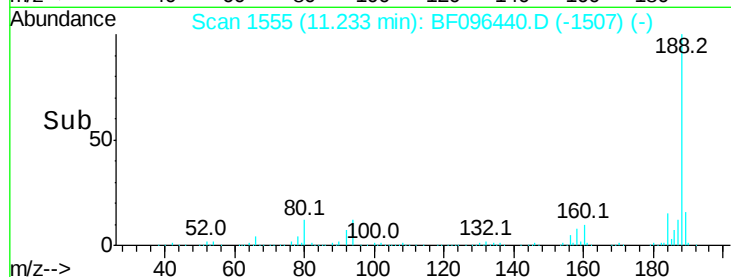
80 12.2 10.2 15.2



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: 2.11 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.26 min

Lab File: BF096440.D

Acq: 3 Jul 2017 14:46

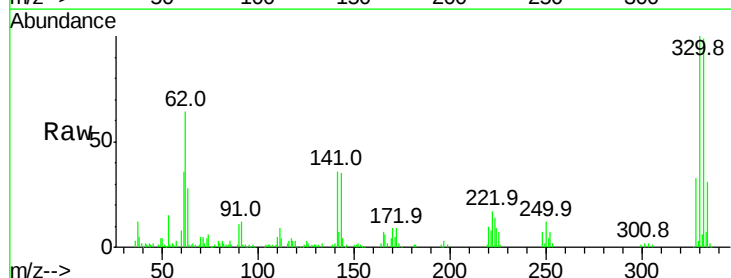
Tgt Ion:248 Resp: 6391

Ion Ratio Lower Upper

248 100

250 165.3 76.8 115.2#

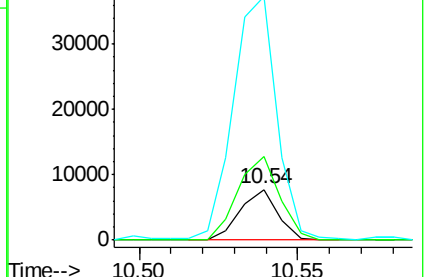
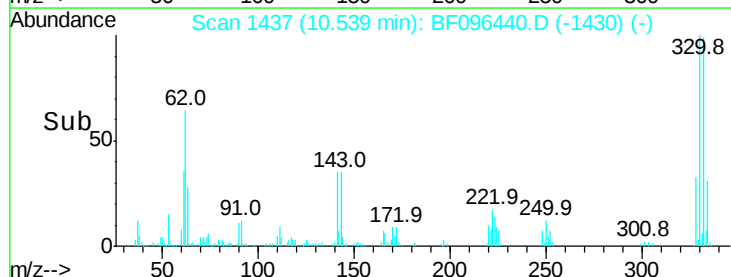
141 480.3 68.6 103.0#

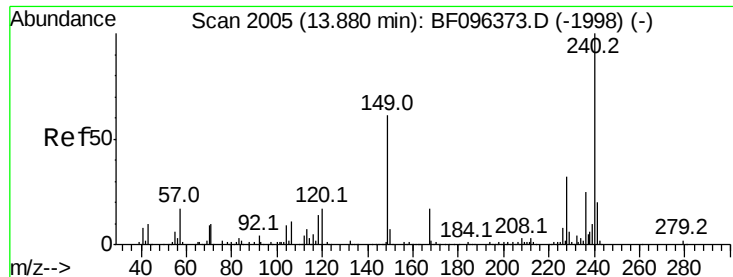


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.86 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BF096440.D

Acq: 3 Jul 2017 14:46

Instrument :

BNA_F

ClientSampleId :

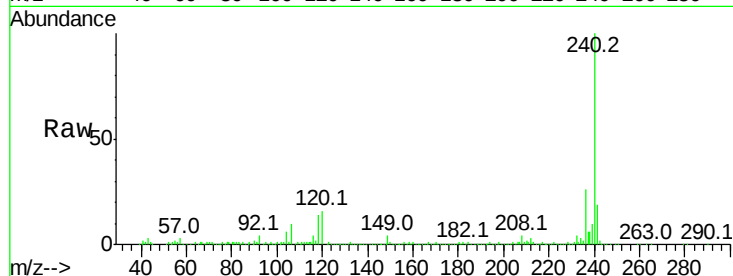
Tot Ion:240 Resp: 266340

Ion Ratio Lower Upper

240 100

120 16.5 5.8 8.8#

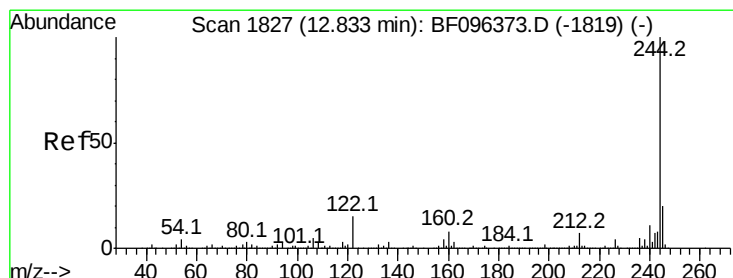
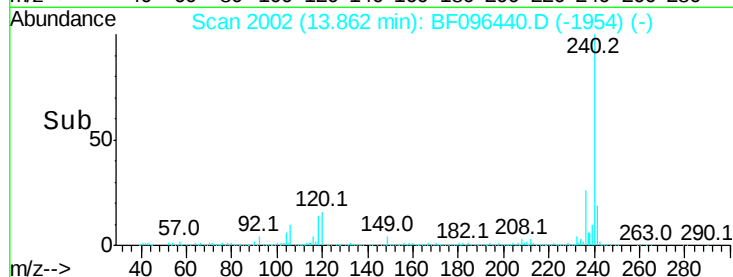
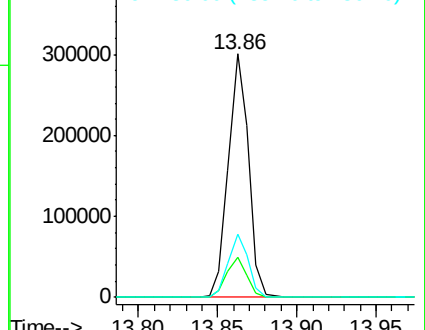
236 25.8 20.5 30.7



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: 23.92 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF096440.D

Acq: 3 Jul 2017 14:46

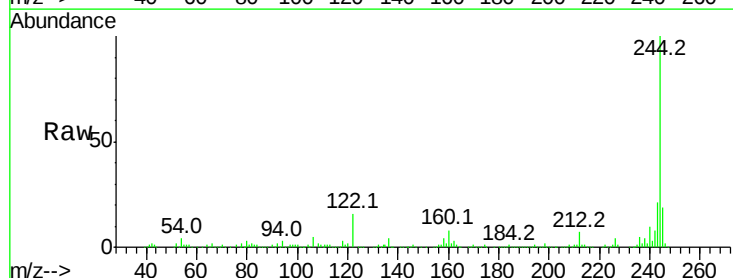
Tgt Ion:244 Resp: 298188

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

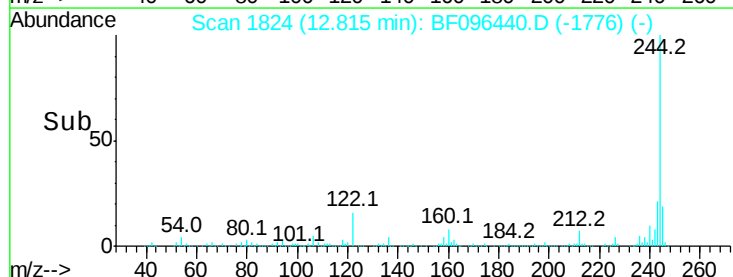
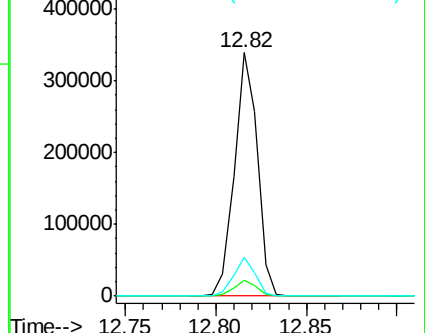
122 15.9 10.3 15.5#

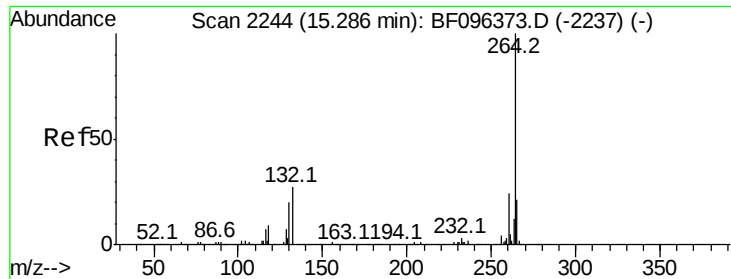


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF096440.D
Acq: 3 Jul 2017 14:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	22.5	17.2	25.8

