

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071217\
 Data File : BF096688.D
 Acq On : 12 Jul 2017 13:36
 Operator : SJ/JU
 Sample : I4119-06RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 15:53:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

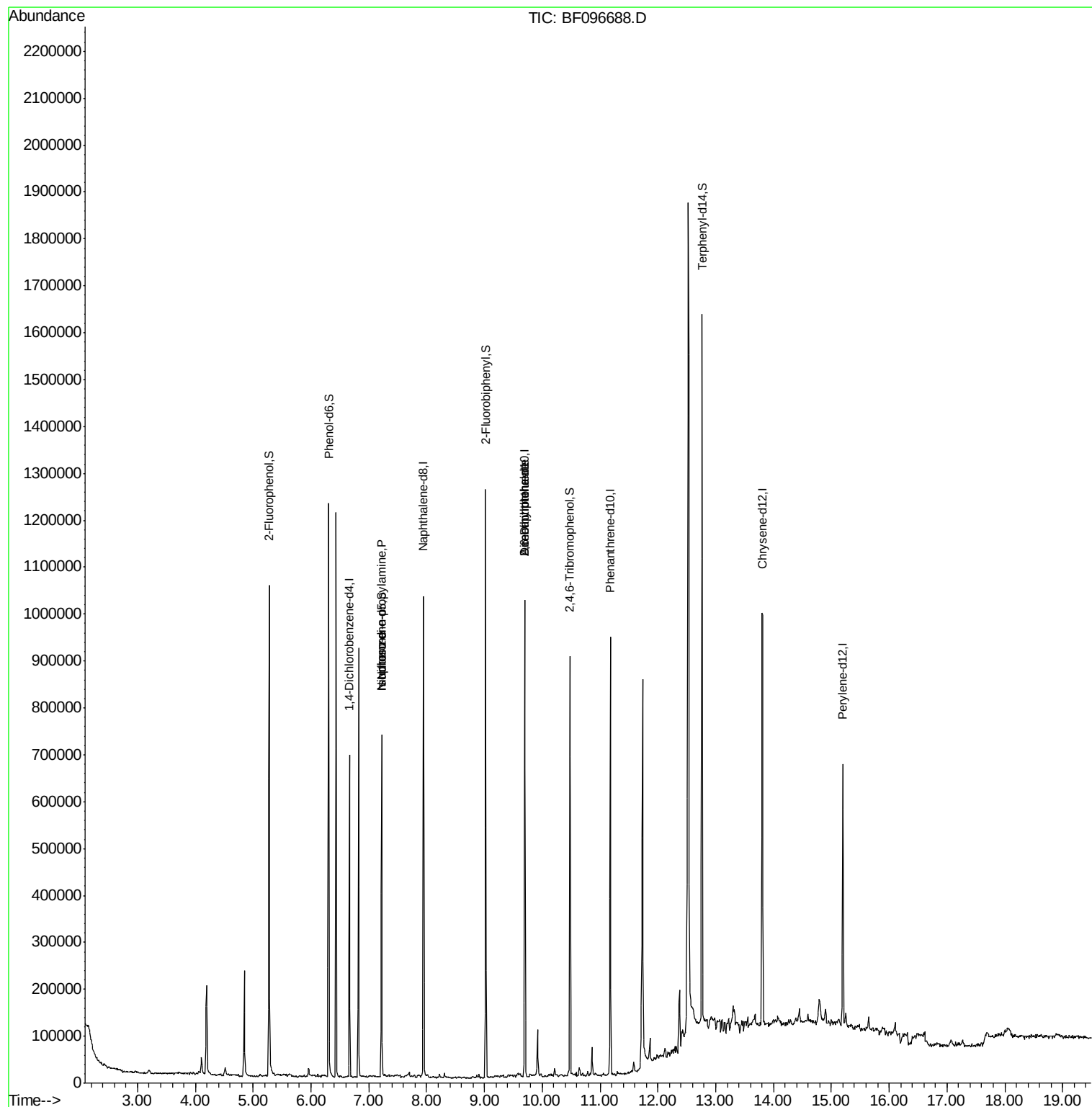
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	103204	20.00	ng	-0.04
21) Naphthalene-d8	7.95	136	485938	20.00	ng	-0.04
38) Acenaphthene-d10	9.70	164	196596	20.00	ng	-0.04
63) Phenanthrene-d10	11.17	188	336082	20.00	ng	-0.04
75) Chrysene-d12	13.81	240	309963	20.00	ng	-0.04
86) Perylene-d12	15.20	264	219584	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	279403	39.96	ng	-0.04
7) Phenol-d6	6.30	99	355538	41.36	ng	-0.04
23) Nitrobenzene-d5	7.22	82	205861	25.46	ng	-0.05
41) 2,4,6-Tribromophenol	10.49	330	92079	59.96	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	410257	35.68	ng	-0.04
78) Terphenyl-d14	12.76	244	441975	30.47	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.22	70	27419	5.354	ng	# 85
25) Isophorone	7.22	82	203000	12.947	ng	# 67
49) Dimethylphthalate	9.70	163	59003	4.020	ng	# 1
50) 2,6-Dinitrotoluene	9.70	165	24602	7.581	ng	# 33

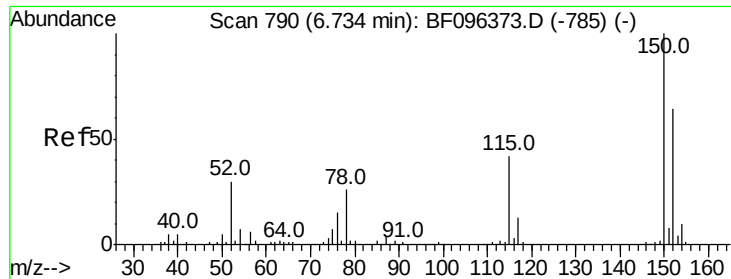
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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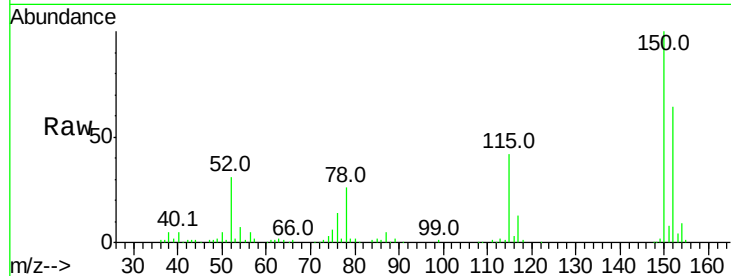


#1

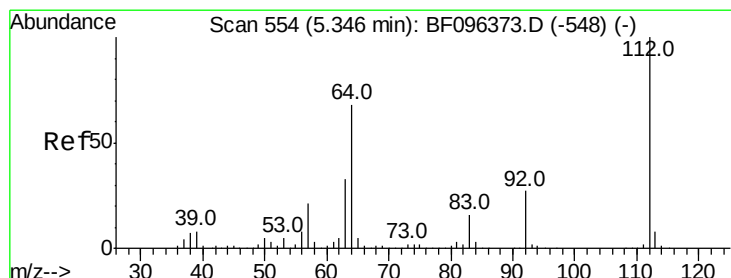
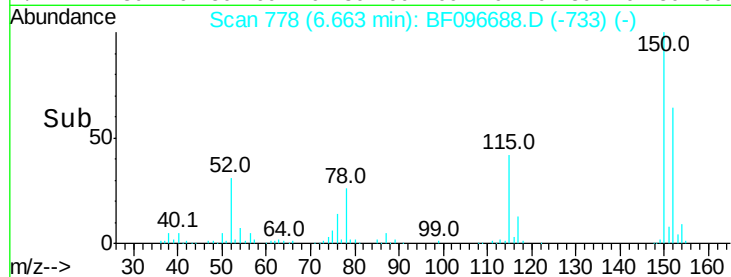
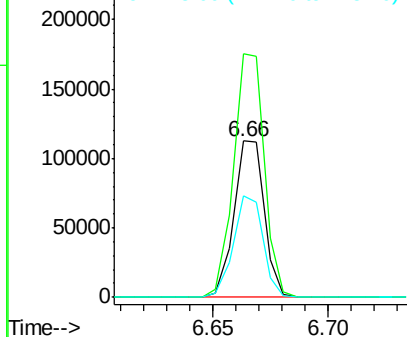
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.04 min
Lab File: BF096688.D
Acq: 12 Jul 2017 13:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 103204
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 64.8 52.2 78.2



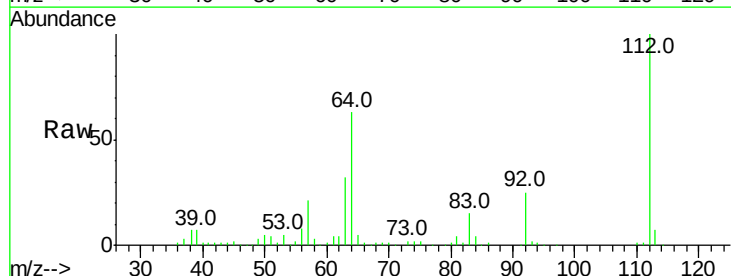
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



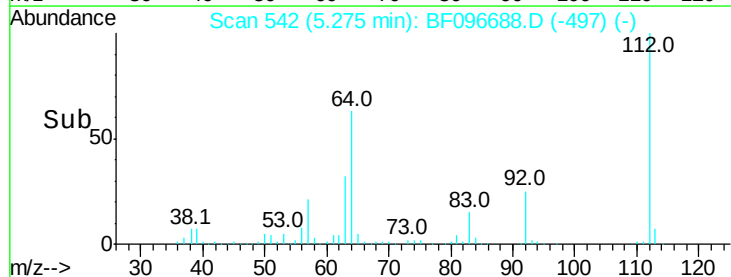
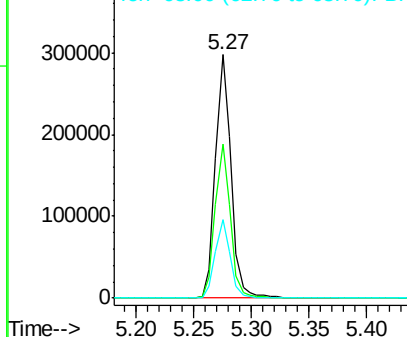
#5

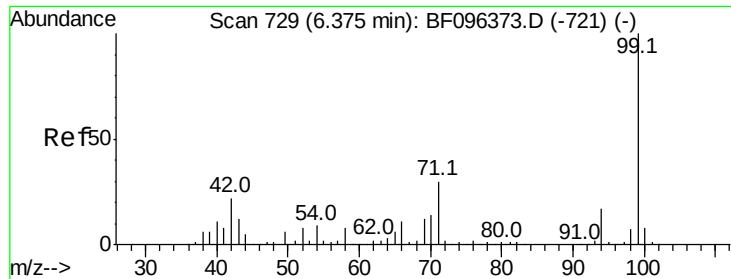
2-Fluorophenol
Concen: 39.959 ng
RT: 5.27 min Scan# 542
Delta R.T. -0.04 min
Lab File: BF096688.D
Acq: 12 Jul 2017 13:36

Tgt Ion:112 Resp: 279403
Ion Ratio Lower Upper
112 100
64 63.2 46.0 69.0
63 32.3 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: 41.360 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.04 min

Lab File: BF096688.D

Acq: 12 Jul 2017 13:36

Instrument :

BNA_F

ClientSampled :

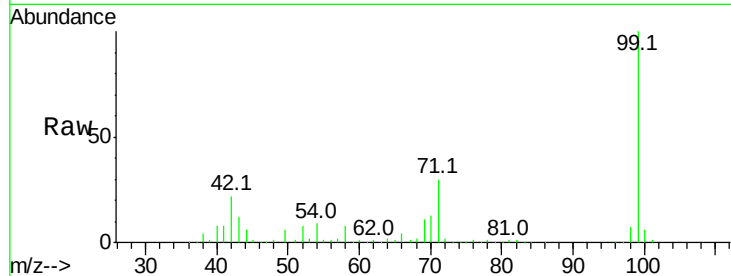
Tot Ion: 99 Resp: 35538

Ion Ratio Lower Upper

99 100

42 22.0 13.5 20.3#

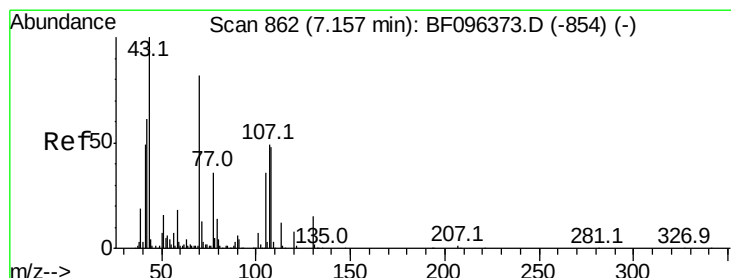
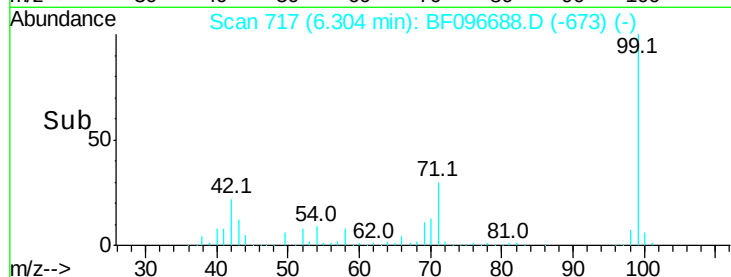
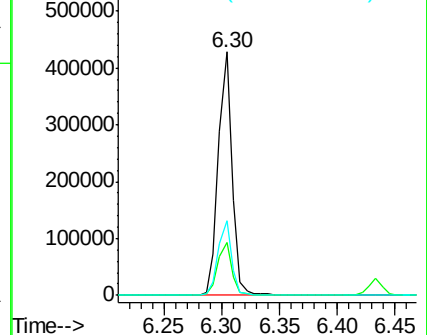
71 30.5 24.5 36.7



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: 5.354 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.09 min

Lab File: BF096688.D

Acq: 12 Jul 2017 13:36

Tgt Ion: 70 Resp: 27419

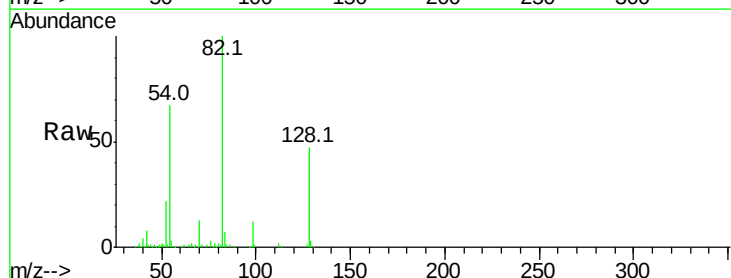
Ion Ratio Lower Upper

70 100

42 62.9 47.2 70.8

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

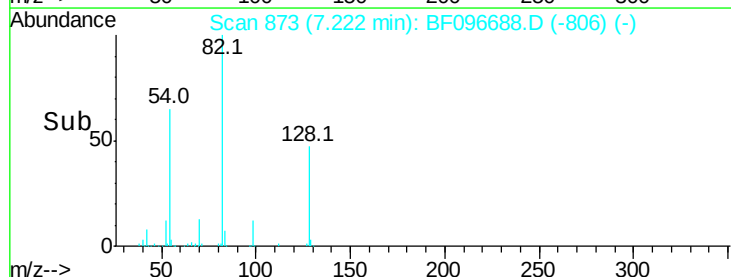
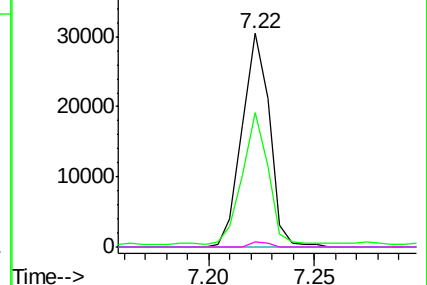


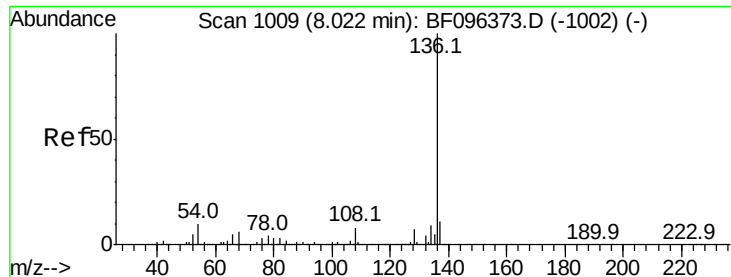
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 20.000 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.04 min

Lab File: BF096688.D

Acq: 12 Jul 2017 13:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 485938

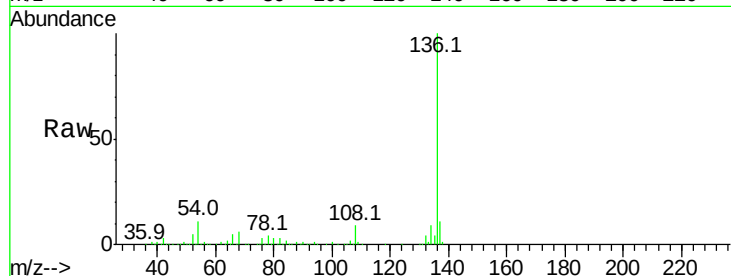
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 10.6 4.9 7.3#

68 5.8 4.1 6.1

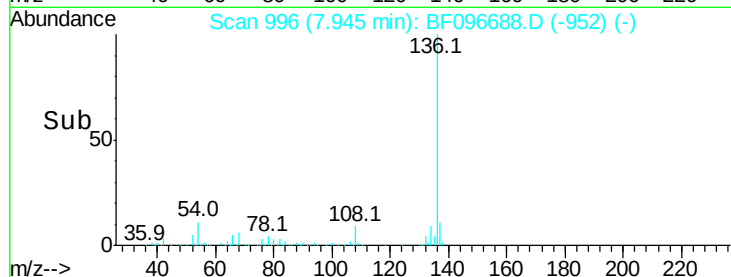


Abundance Ion 136.00 (135.70 to 136.70): E

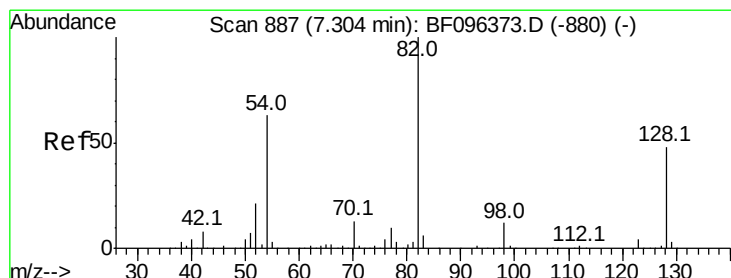
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 25.457 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.05 min

Lab File: BF096688.D

Acq: 12 Jul 2017 13:36

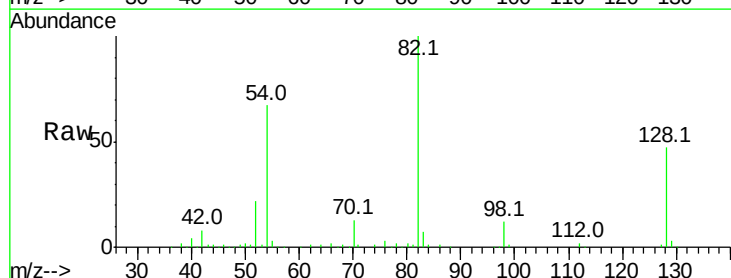
Tgt Ion: 82 Resp: 205861

Ion Ratio Lower Upper

82 100

128 47.1 34.0 51.0

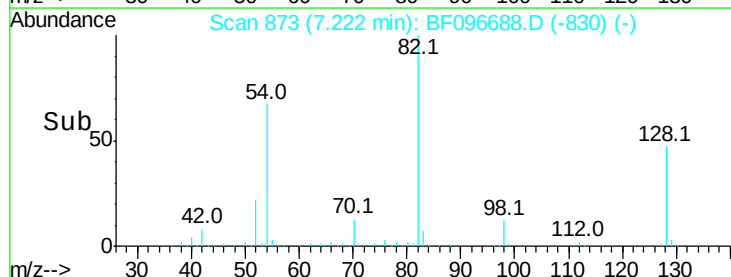
54 67.4 42.2 63.2#



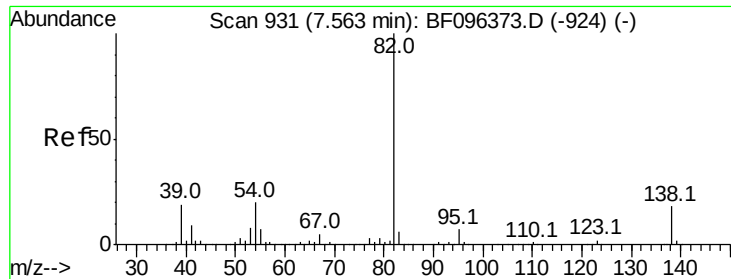
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#25

Isophorone

Concen: 12.947 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.31 min

Lab File: BF096688.D

Acq: 12 Jul 2017 13:36

Instrument :

BNA_F

ClientSampleId :

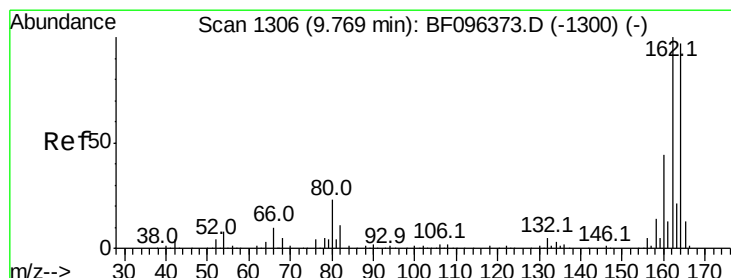
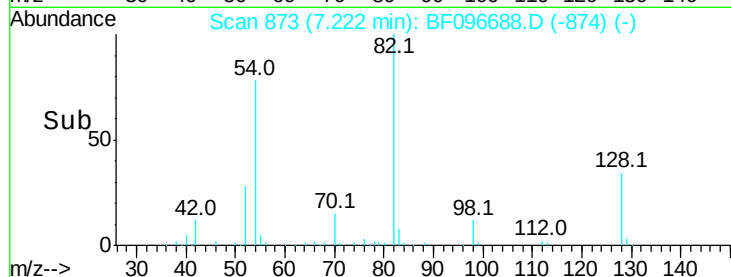
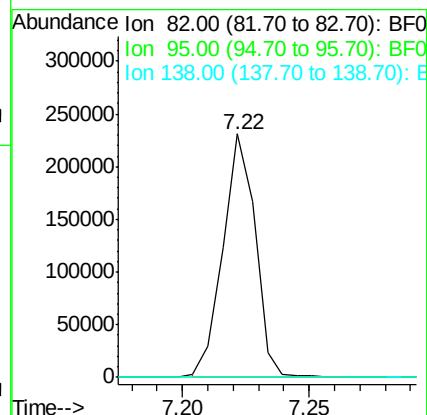
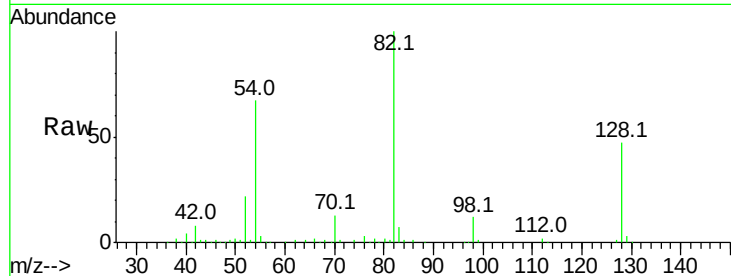
Tot Ion: 82 Resp: 203000

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.04 min

Lab File: BF096688.D

Acq: 12 Jul 2017 13:36

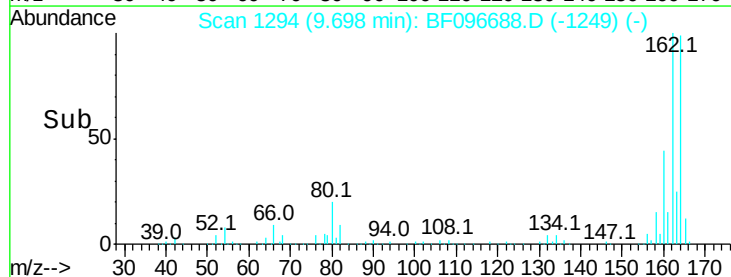
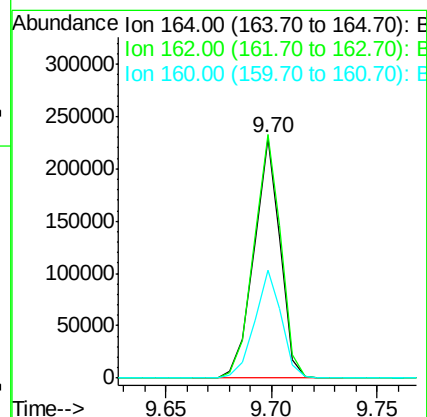
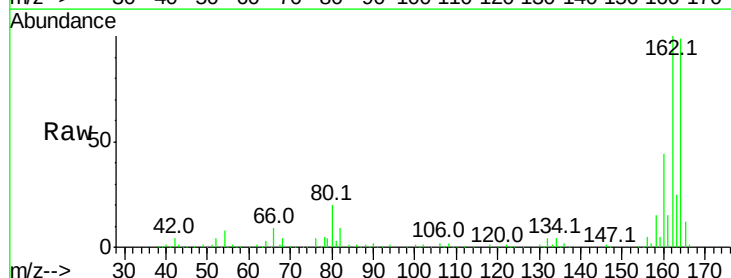
Tgt Ion: 164 Resp: 196596

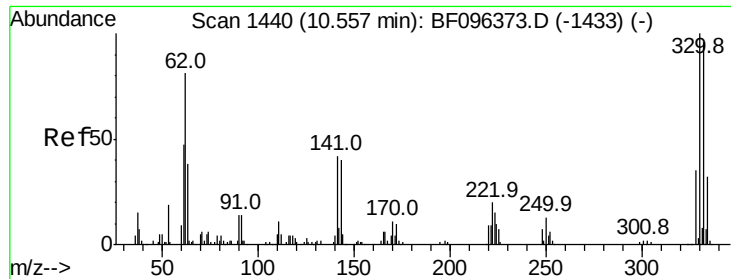
Ion Ratio Lower Upper

164 100

162 101.4 82.6 123.8

160 44.9 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 59.961 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.04 min

Lab File: BF096688.D

Acq: 12 Jul 2017 13:36

Instrument :

BNA_F

ClientSampleId :

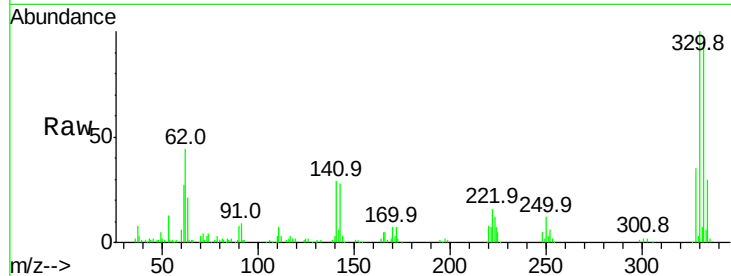
Tot Ion:330 Resp: 92079

Ion Ratio Lower Upper

330 100

332 96.6 76.6 115.0

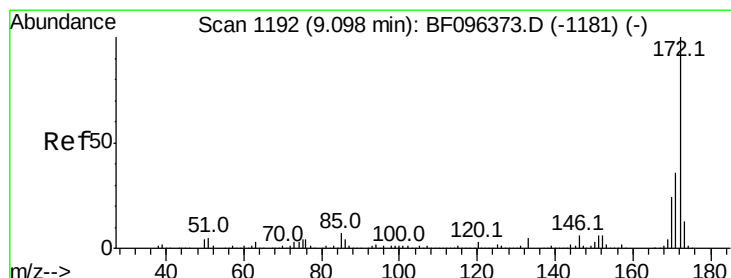
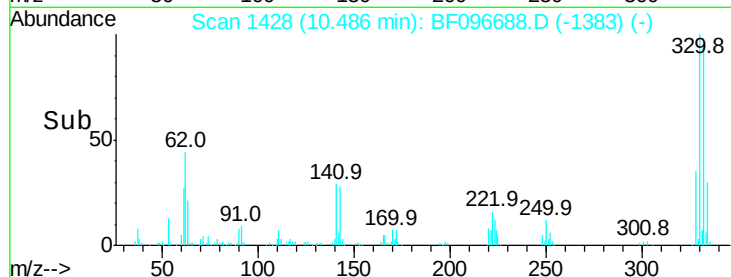
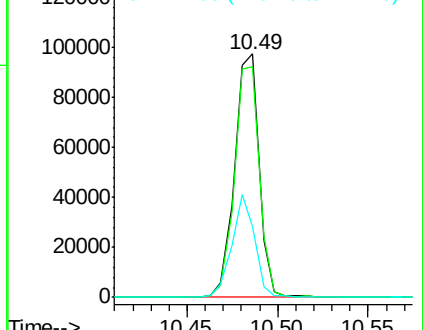
141 39.0 31.4 47.2



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: 35.680 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.04 min

Lab File: BF096688.D

Acq: 12 Jul 2017 13:36

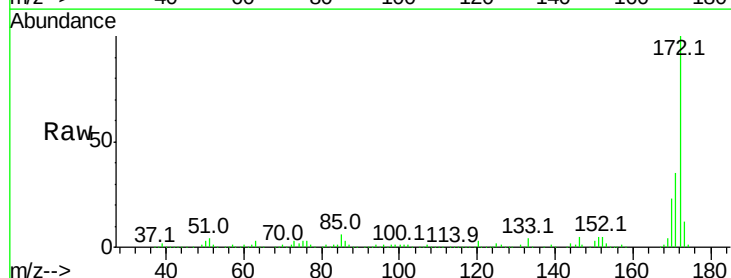
Tgt Ion:172 Resp: 410257

Ion Ratio Lower Upper

172 100

171 35.3 29.6 44.4

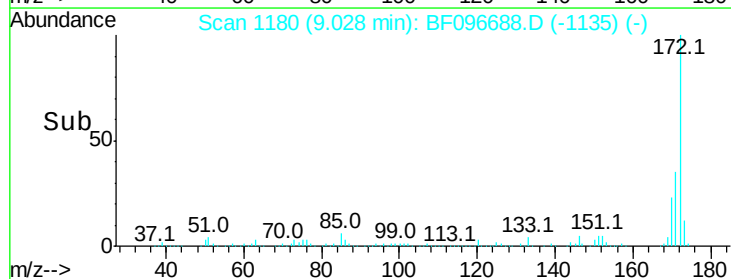
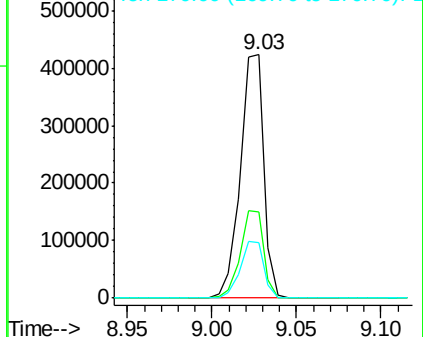
170 22.9 19.8 29.8

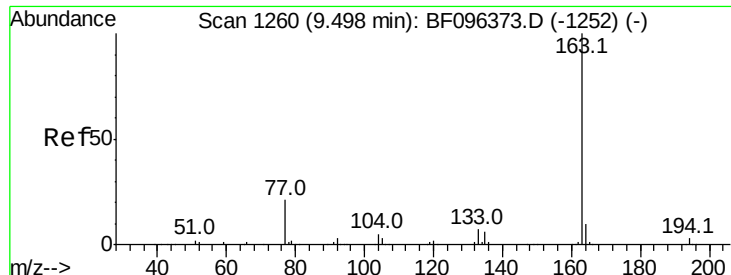


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 4.020 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.24 min

Lab File: BF096688.D

Acq: 12 Jul 2017 13:36

Instrument :

BNA_F

ClientSampleId :

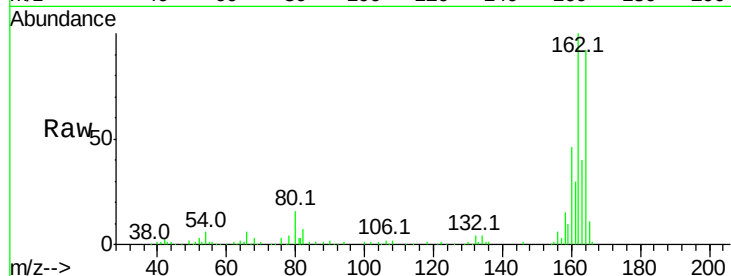
Tot Ion:163 Resp: 59003

Ion Ratio Lower Upper

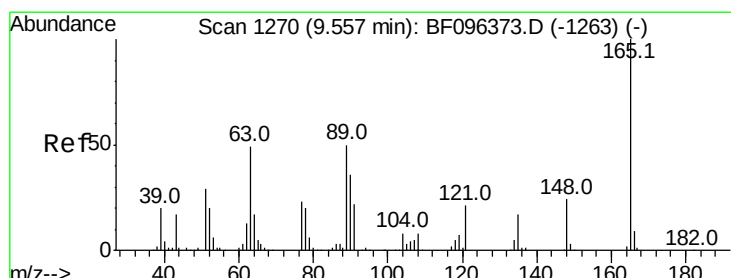
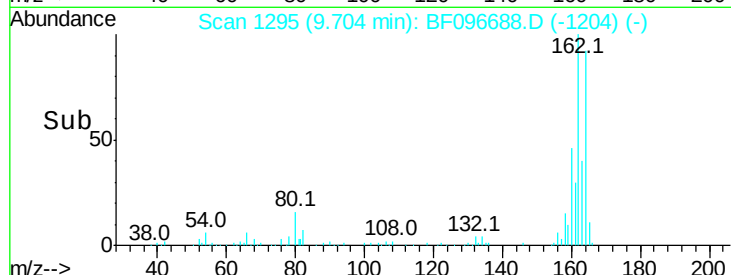
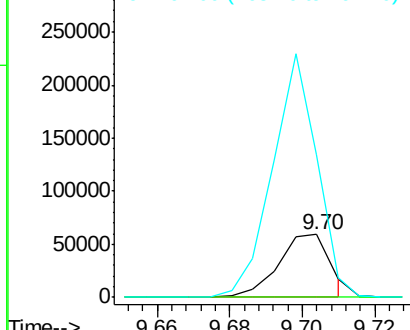
163 100

194 0.0 2.6 4.0#

164 228.8 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: 7.581 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.18 min

Lab File: BF096688.D

Acq: 12 Jul 2017 13:36

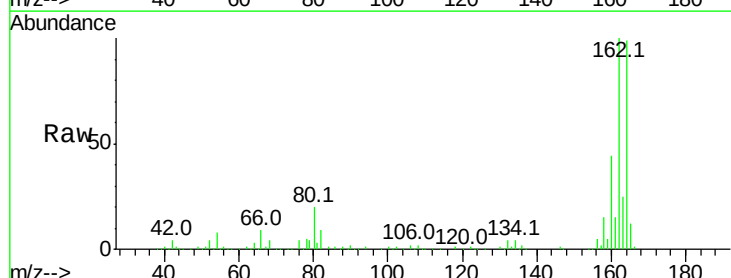
Tgt Ion:165 Resp: 24602

Ion Ratio Lower Upper

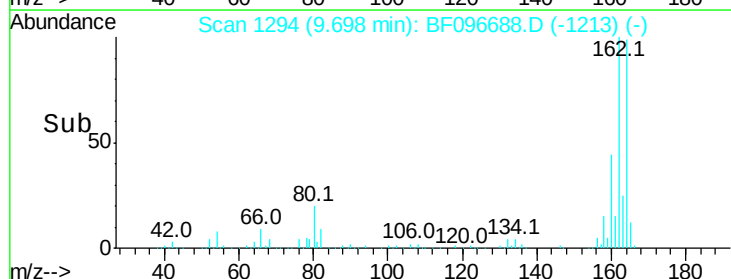
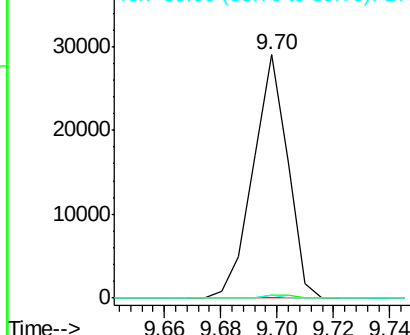
165 100

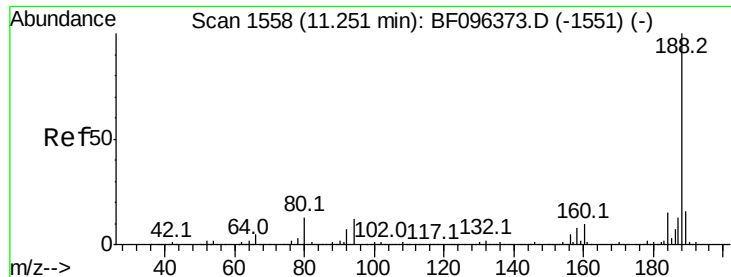
63 1.1 34.3 51.5#

89 1.4 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.04 min

Lab File: BF096688.D

Acq: 12 Jul 2017 13:36

Instrument :

BNA_F

ClientSampled :

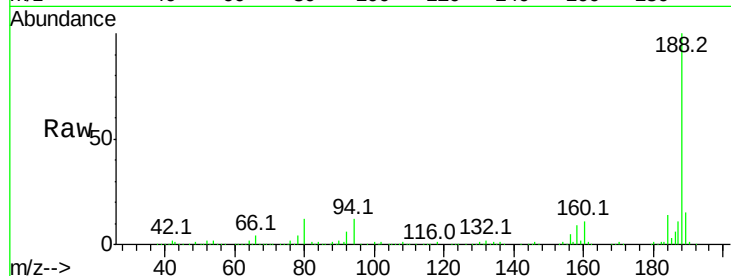
Tot Ion:188 Resp: 336082

Ion Ratio Lower Upper

188 100

94 11.6 9.4 14.2

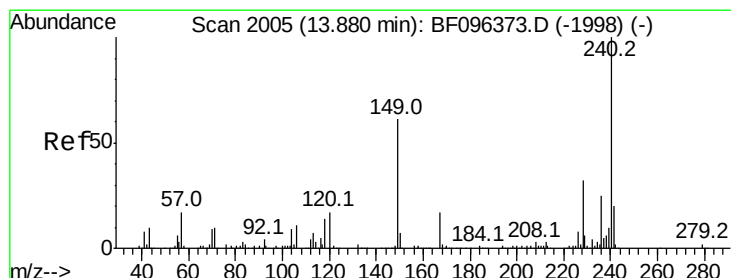
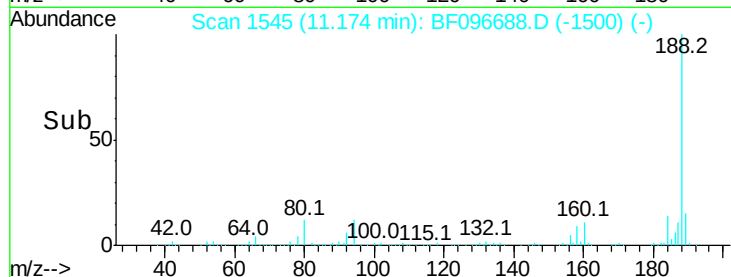
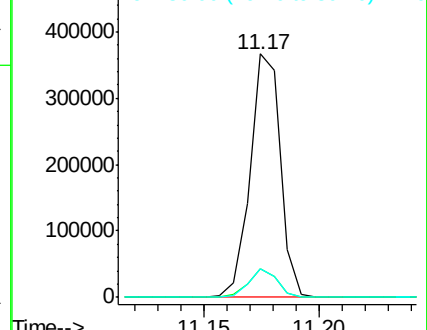
80 12.0 10.2 15.2



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.04 min

Lab File: BF096688.D

Acq: 12 Jul 2017 13:36

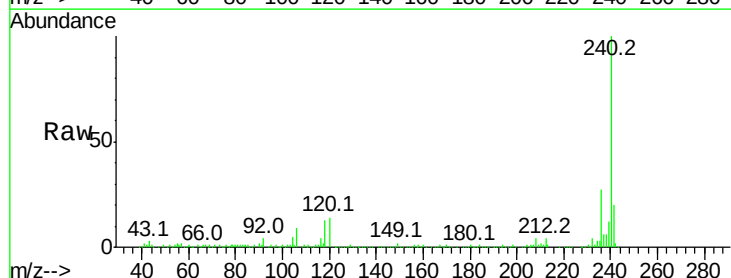
Tgt Ion:240 Resp: 309963

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

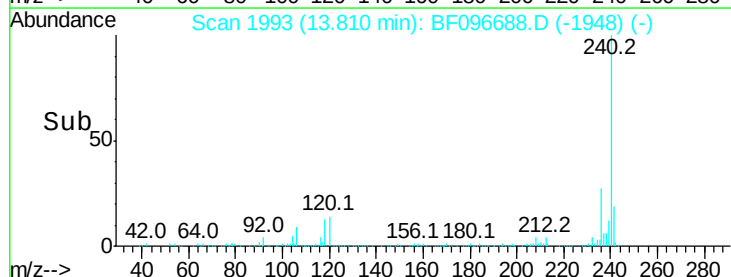
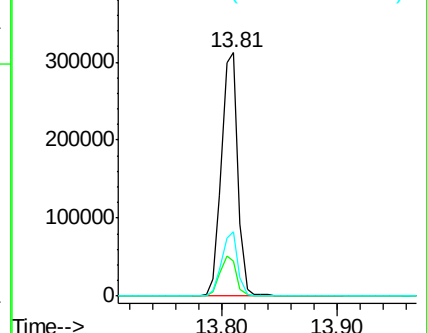
236 26.7 20.5 30.7

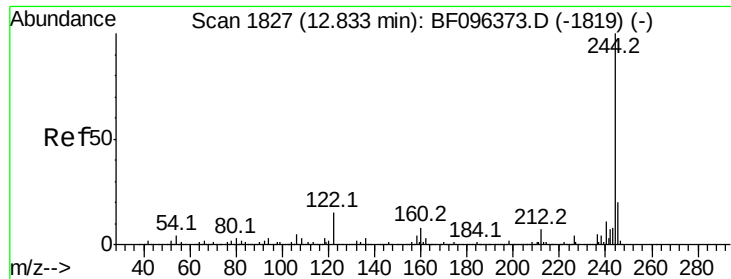


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 30.469 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.04 min

Lab File: BF096688.D

Acq: 12 Jul 2017 13:36

Instrument :

BNA_F

ClientSampleId :

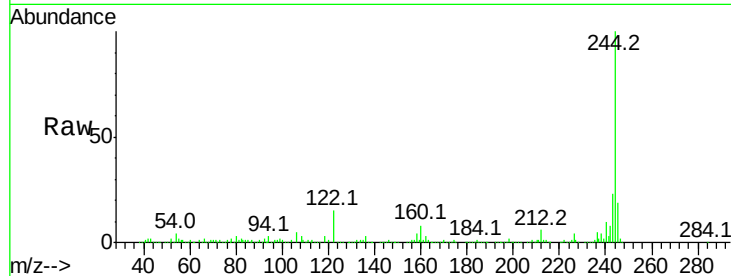
Tot Ion:244 Resp: 441975

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

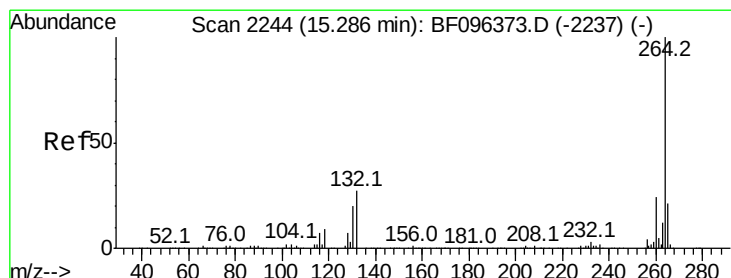
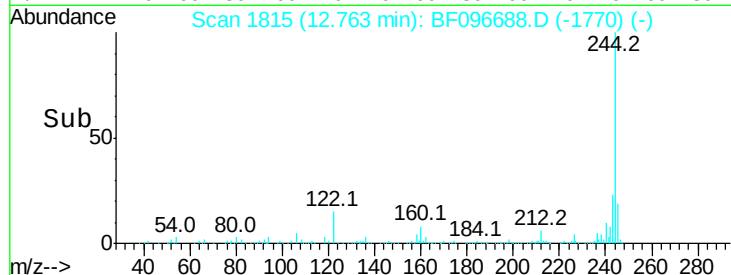
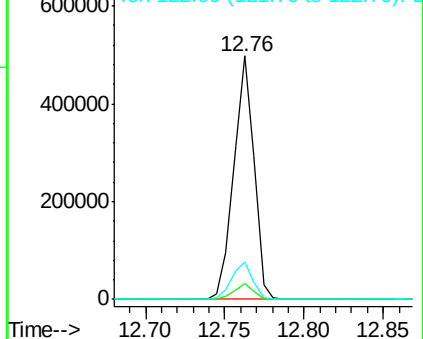
122 15.2 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 15.20 min Scan# 2229

Delta R.T. -0.05 min

Lab File: BF096688.D

Acq: 12 Jul 2017 13:36

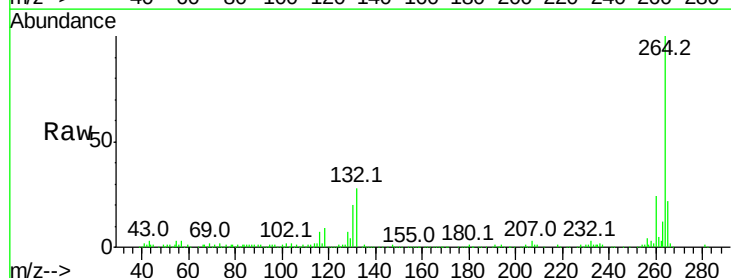
Tgt Ion:264 Resp: 219584

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.7 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

