

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063017\
 Data File : BF096334.D
 Acq On : 30 Jun 2017 13:48
 Operator : SJ/MA
 Sample : I3882-01 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G51-1.5-3

Quant Time: Jun 30 17:42:55 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

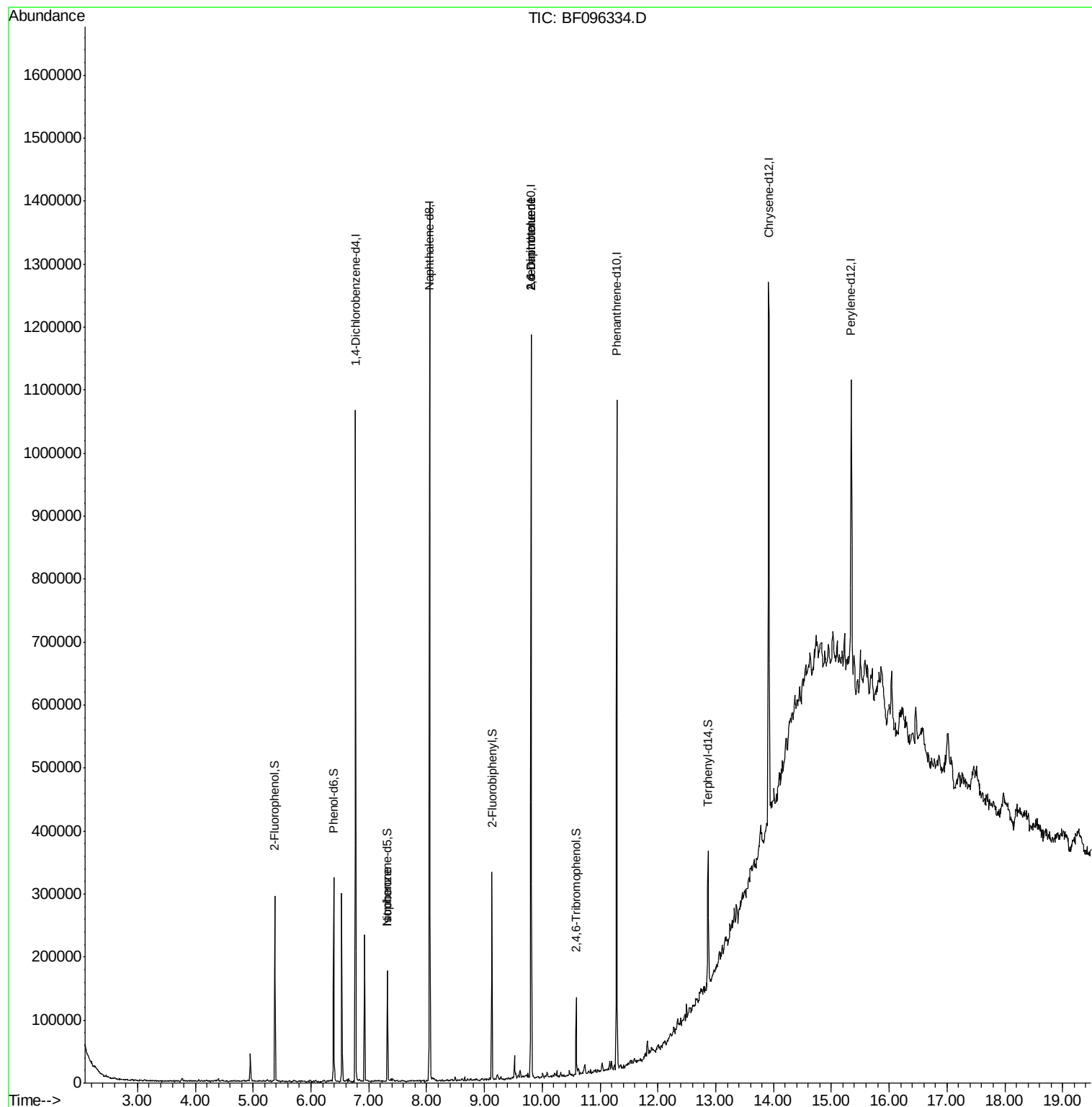
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	153554	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	615626	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	231821	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	331032	20.00	ng	0.00
75) Chrysene-d12	13.92	240	309686	20.00	ng	0.00
86) Perylene-d12	15.34	264	215999	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	72136	6.77	ng	0.00
7) Phenol-d6	6.39	99	87381	6.77	ng	0.00
23) Nitrobenzene-d5	7.32	82	44404	4.99	ng	-0.04
41) 2,4,6-Tribromophenol	10.59	330	13230	7.25	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	84547	6.68	ng	-0.02
78) Terphenyl-d14	12.87	244	58304	4.70	ng	0.00
Target Compounds						
9) Benzaldehyde	6.40	77	114	Below Cal	#	1
25) Isophorone	7.32	82	44403	2.199 ng	#	67
50) 2,6-Dinitrotoluene	9.80	165	29908	8.667 ng	#	34
56) 2,4-Dinitrotoluene	9.80	165	29908	6.876 ng	#	33
57) Fluorene	10.35	166	283	Below Cal	#	63
70) Phenanthrene	11.31	178	2684	Below Cal		99

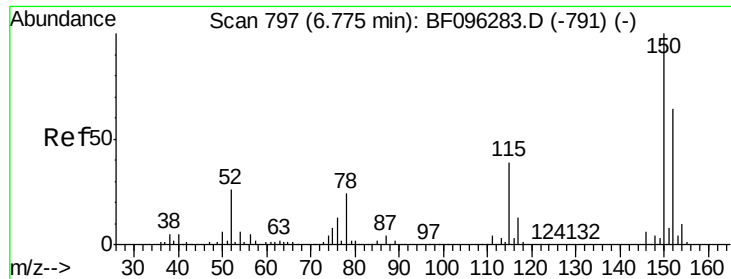
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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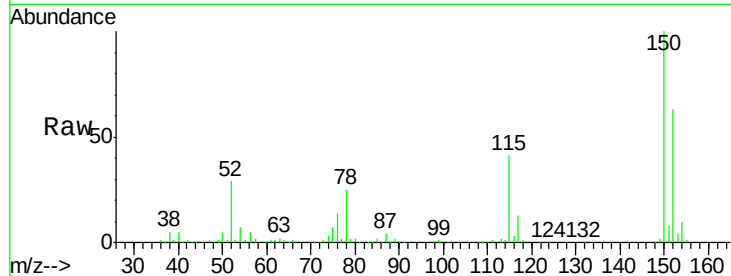




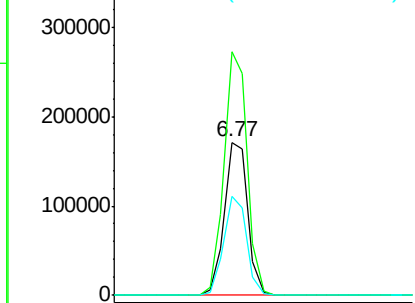
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF096334.D
 Acq: 30 Jun 2017 13:48

Instrument :
 BNA_F
 ClientSampleId :
 G51-1.5-3

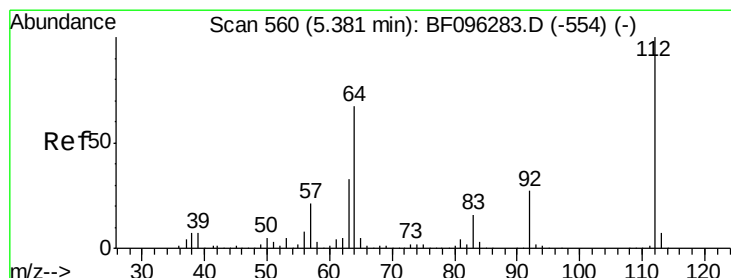
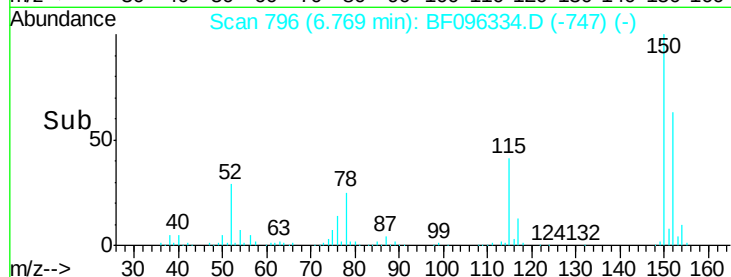
Tgt Ion:152 Resp: 153554
 Ion Ratio Lower Upper
 152 100
 150 159.0 126.2 189.2
 115 64.8 52.2 78.2



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

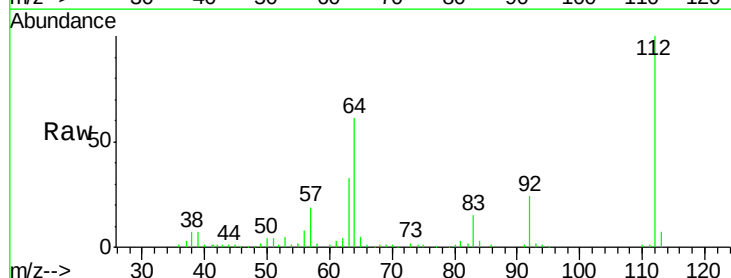


Time-->

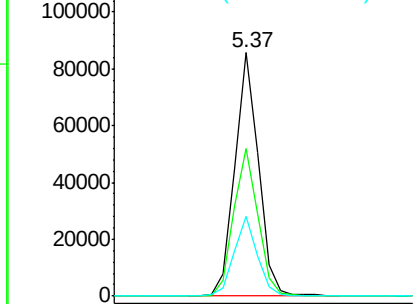


#5
 2-Fluorophenol
 Concen: 6.768 ng
 RT: 5.37 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: BF096334.D
 Acq: 30 Jun 2017 13:48

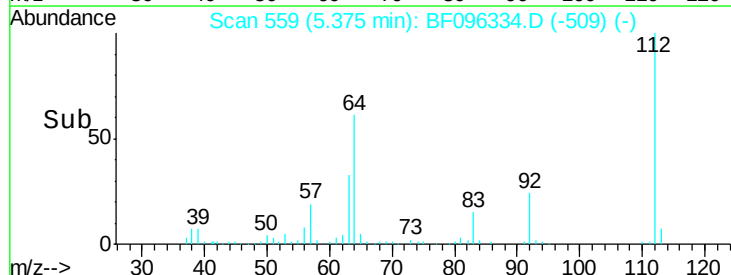
Tgt Ion:112 Resp: 72136
 Ion Ratio Lower Upper
 112 100
 64 60.9 46.0 69.0
 63 32.6 23.4 35.0

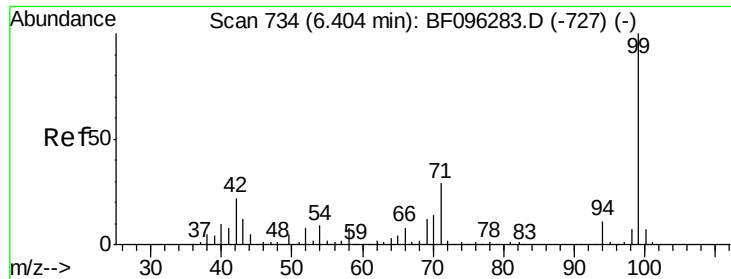


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0



Time-->





#7

Phenol-d6

Concen: 6.771 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF096334.D

Acq: 30 Jun 2017 13:48

Instrument :

BNA_F

ClientSampleId :

G51-1.5-3

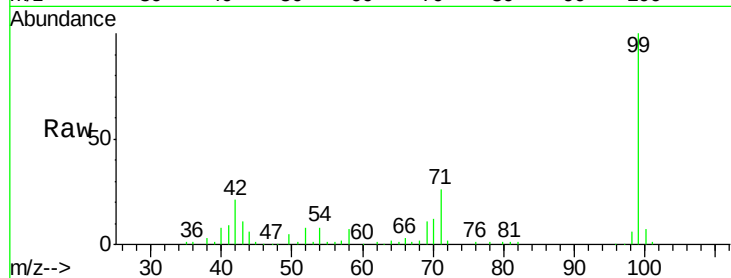
Tgt Ion: 99 Resp: 87381

Ion Ratio Lower Upper

99 100

42 20.8 13.5 20.3#

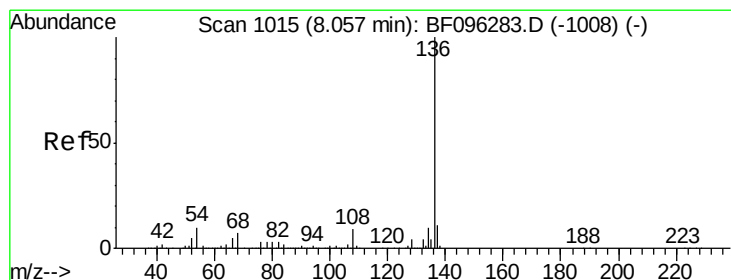
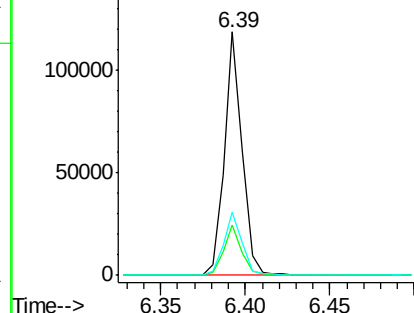
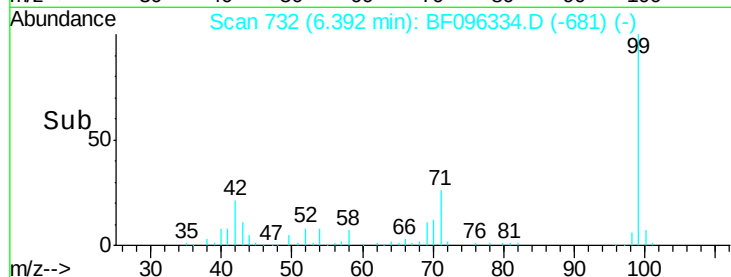
71 25.9 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BF096334.D

Acq: 30 Jun 2017 13:48

Tgt Ion: 136 Resp: 615626

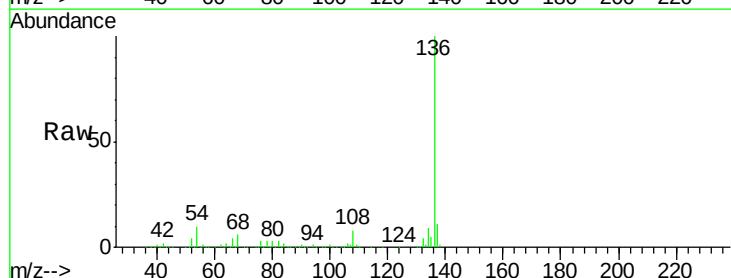
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 9.7 4.9 7.3#

68 5.9 4.1 6.1

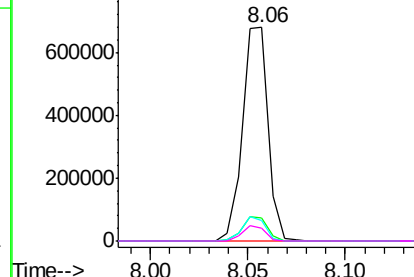
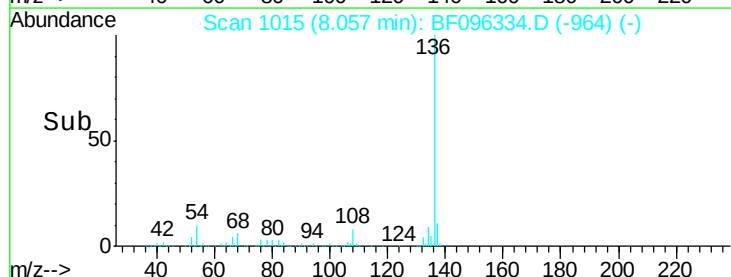


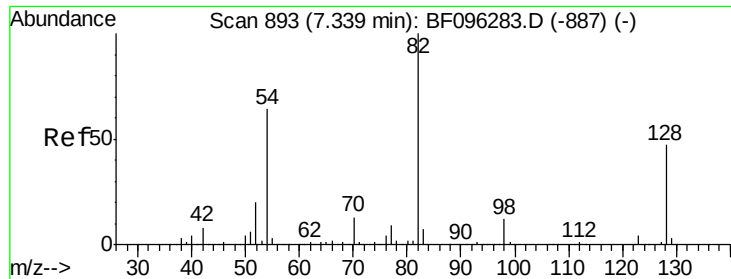
Abundance Ion 136.00 (135.70 to 136.70): E

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

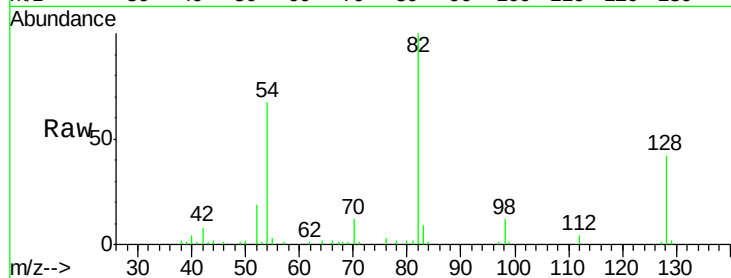




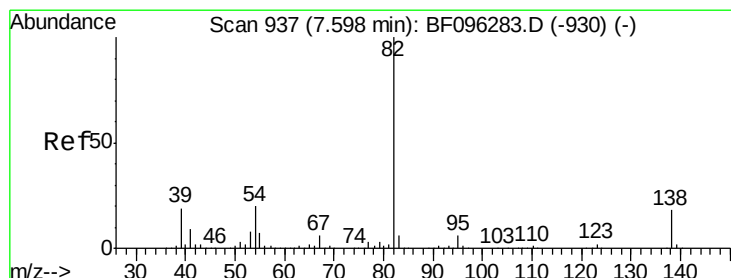
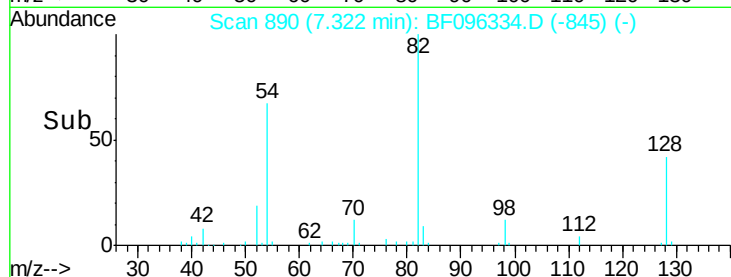
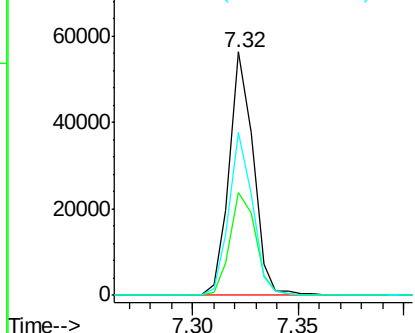
#23
 Nitrobenzene-d5
 Concen: 4.993 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.04 min
 Lab File: BF096334.D
 Acq: 30 Jun 2017 13:48

Instrument :
 BNA_F
 ClientSampleId :
 G51-1.5-3

Tgt Ion: 82 Resp: 44404
 Ion Ratio Lower Upper
 82 100
 128 42.3 34.0 51.0
 54 67.0 42.2 63.2#

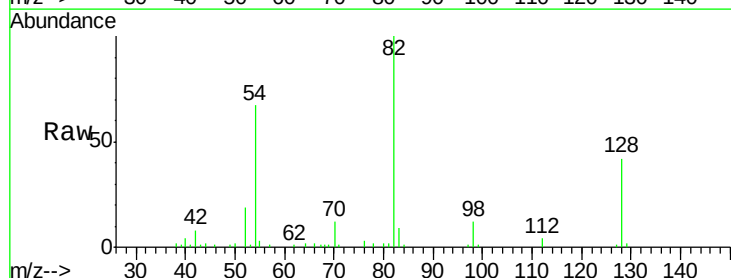


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

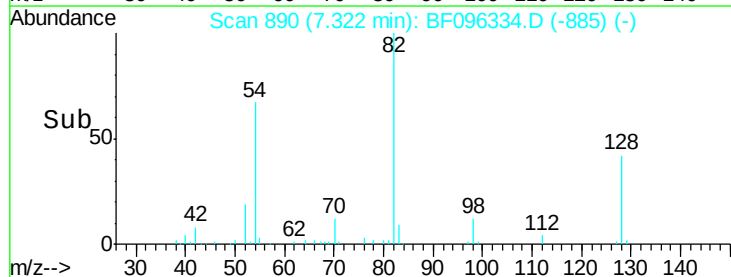
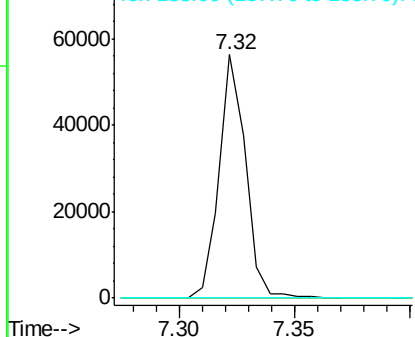


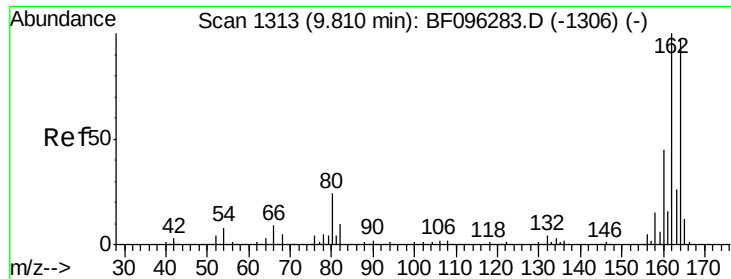
#25
 Isophorone
 Concen: 2.199 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.27 min
 Lab File: BF096334.D
 Acq: 30 Jun 2017 13:48

Tgt Ion: 82 Resp: 44403
 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

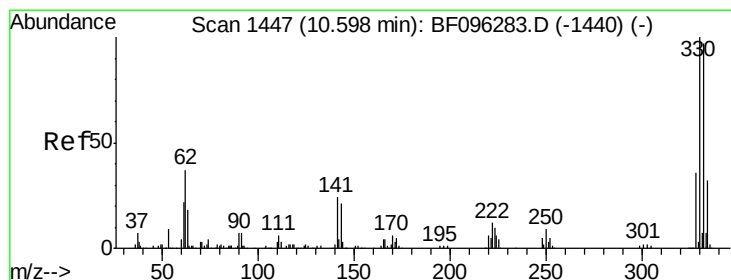
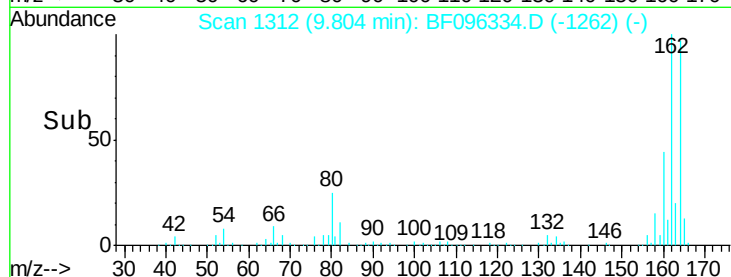
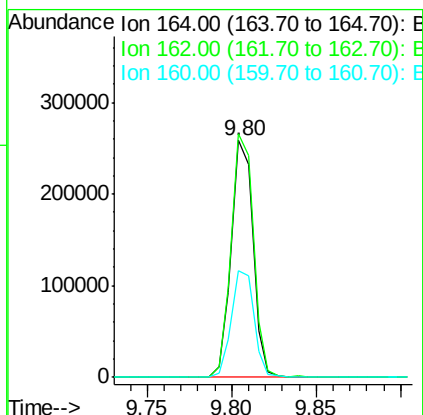
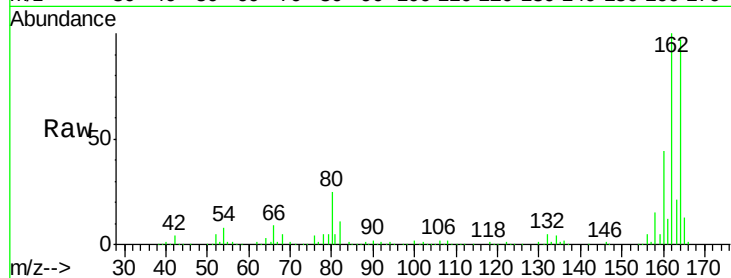




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF096334.D
Acq: 30 Jun 2017 13:48

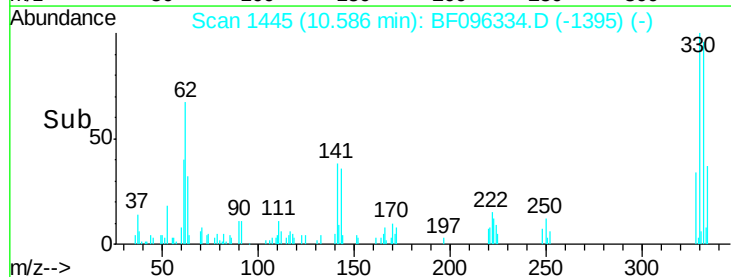
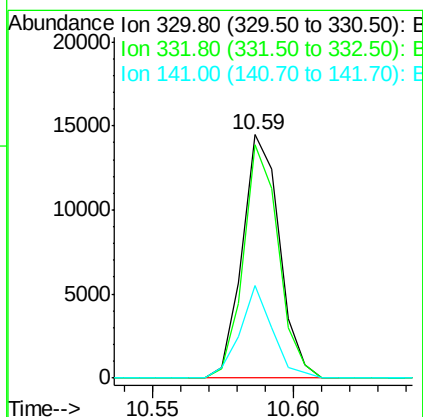
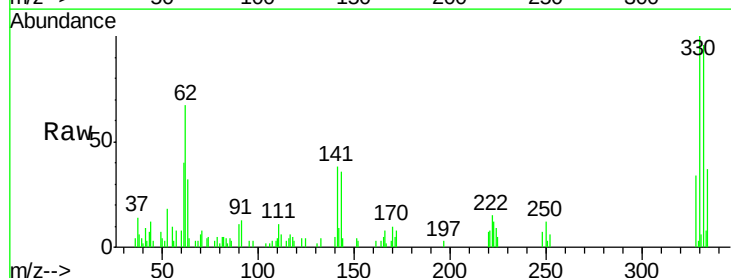
Instrument :
BNA_F
ClientSampleId :
G51-1.5-3

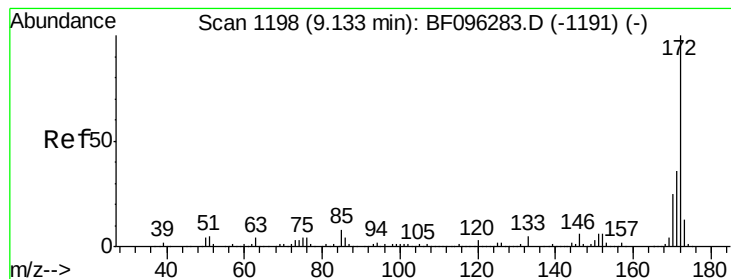
Tgt Ion:164 Resp: 231821
Ion Ratio Lower Upper
164 100
162 102.9 82.6 123.8
160 44.9 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 7.252 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF096334.D
Acq: 30 Jun 2017 13:48

Tgt Ion:330 Resp: 13230
Ion Ratio Lower Upper
330 100
332 90.8 76.6 115.0
141 33.7 31.4 47.2





#44

2-Fluorobiphenyl

Concen: 6.679 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BF096334.D

Acq: 30 Jun 2017 13:48

Instrument :

BNA_F

ClientSampleId :

G51-1.5-3

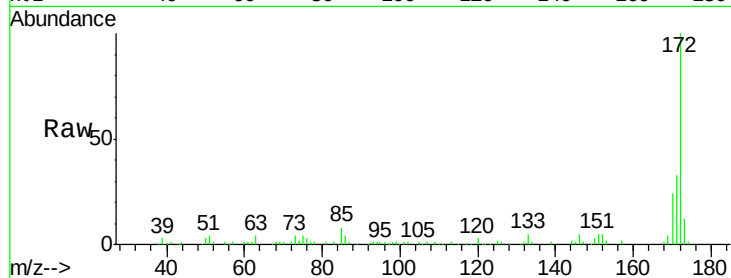
Tgt Ion:172 Resp: 84547

Ion Ratio Lower Upper

172 100

171 32.8 29.6 44.4

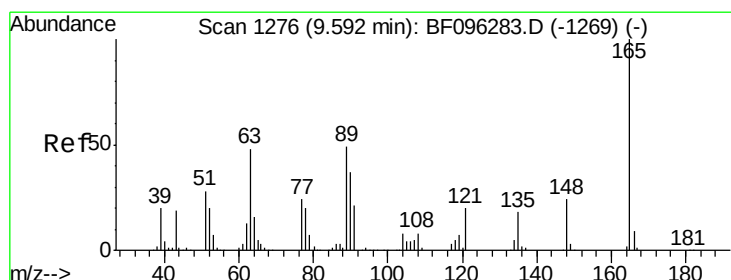
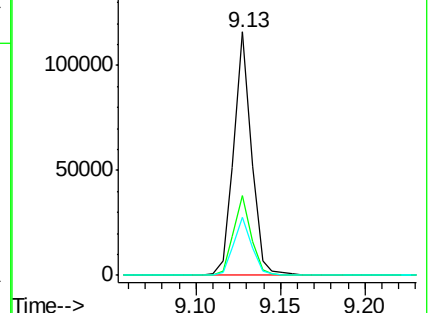
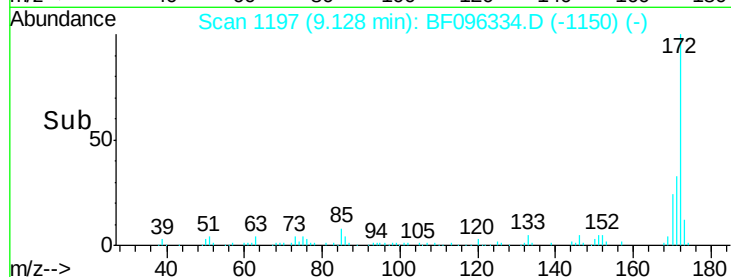
170 23.7 19.8 29.8



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



#50

2,6-Dinitrotoluene

Concen: 8.667 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.19 min

Lab File: BF096334.D

Acq: 30 Jun 2017 13:48

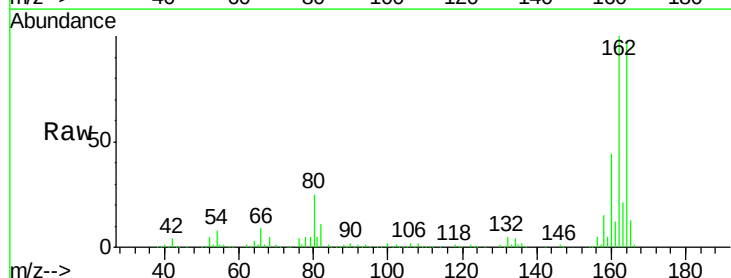
Tgt Ion:165 Resp: 29908

Ion Ratio Lower Upper

165 100

63 1.2 34.3 51.5#

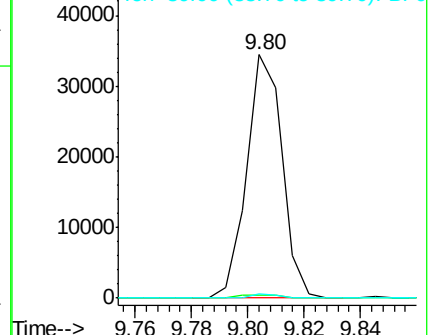
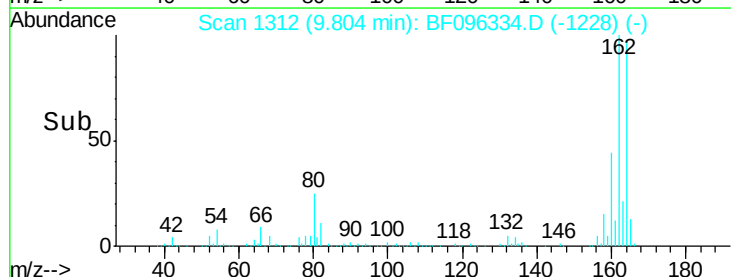
89 1.7 37.1 55.7#

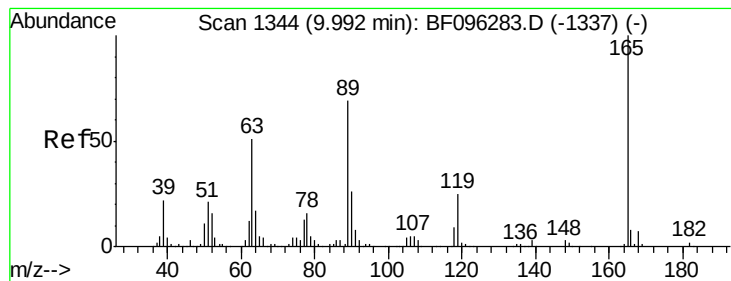


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 6.876 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.21 min

Lab File: BF096334.D

Acq: 30 Jun 2017 13:48

Instrument :

BNA_F

ClientSampleId :

G51-1.5-3

Tgt Ion:165 Resp: 29908

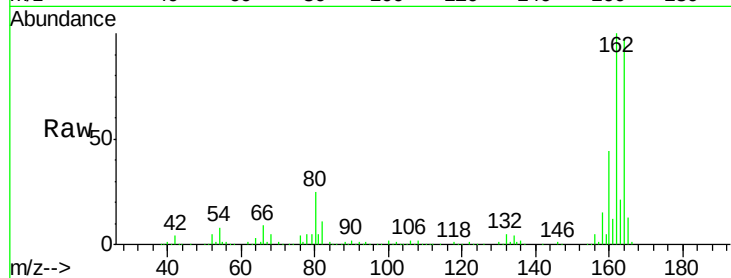
Ion Ratio Lower Upper

165 100

63 1.2 25.4 38.0#

89 1.7 46.4 69.6#

182 0.0 1.8 2.6#

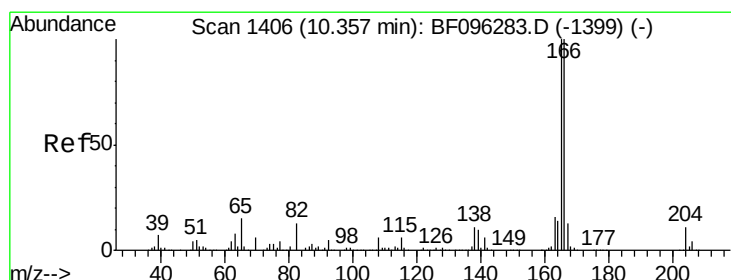
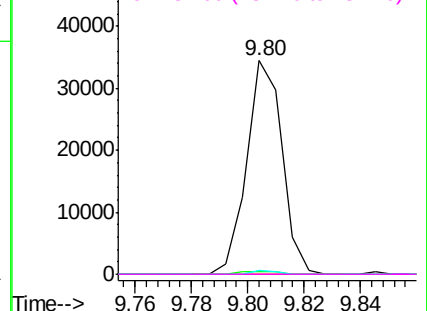
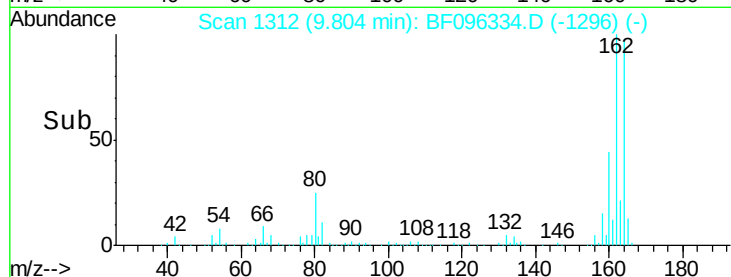


Abundance Ion 165.00 (164.70 to 165.70): E

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



#57

Fluorene

Concen: Below Cal

RT: 10.35 min Scan# 1405

Delta R.T. -0.02 min

Lab File: BF096334.D

Acq: 30 Jun 2017 13:48

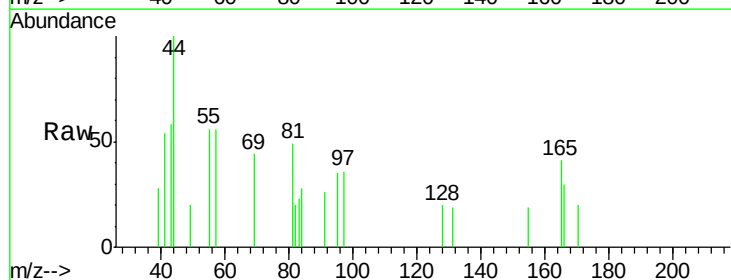
Tgt Ion:166 Resp: 283

Ion Ratio Lower Upper

166 100

165 135.3 78.8 118.2#

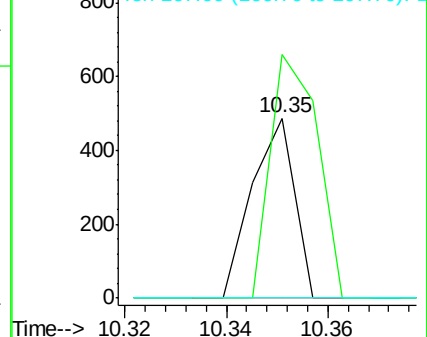
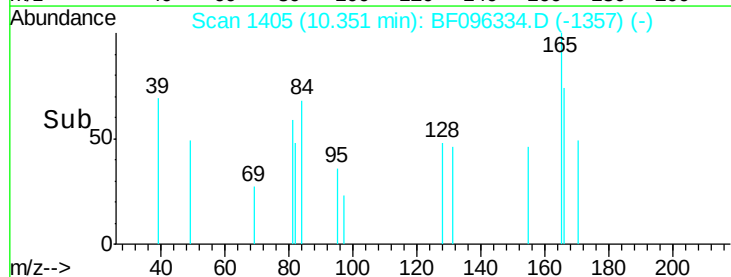
167 0.0 10.6 16.0#

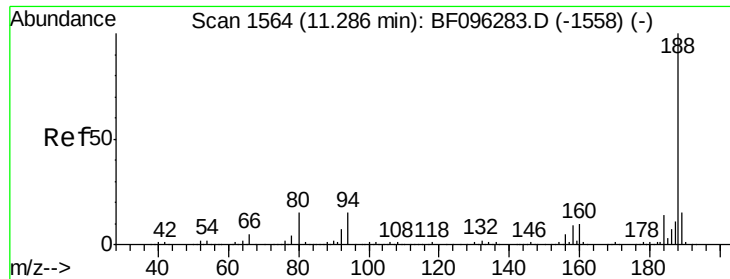


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

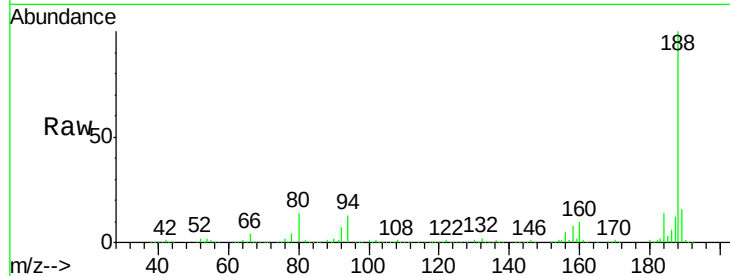




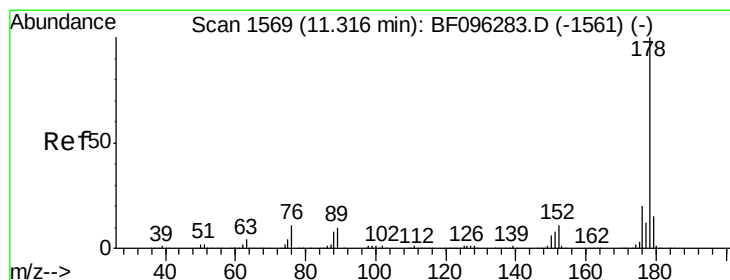
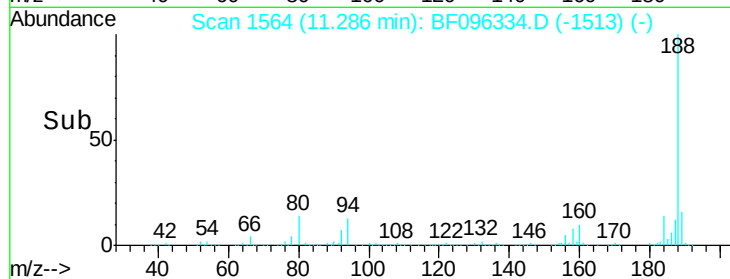
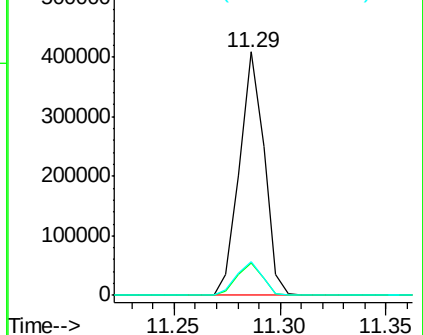
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BF096334.D
Acq: 30 Jun 2017 13:48

Instrument :
BNA_F
ClientSampleId :
G51-1.5-3

Tgt Ion:188 Resp: 331032
Ion Ratio Lower Upper
188 100
94 13.1 9.4 14.2
80 14.1 10.2 15.2

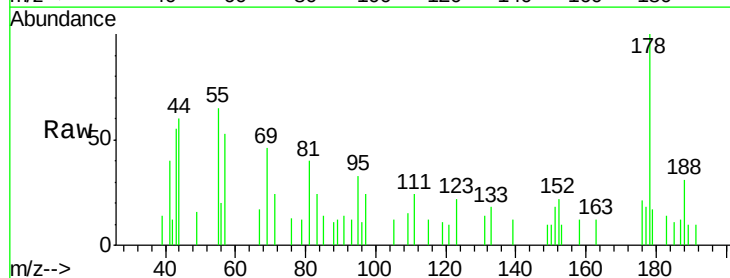


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

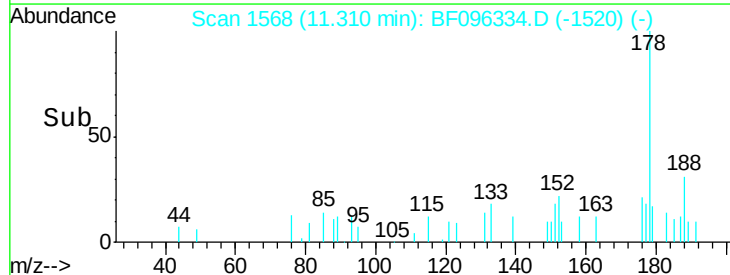
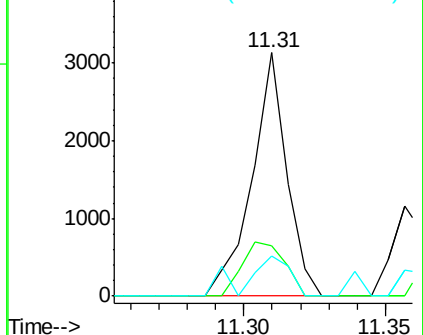


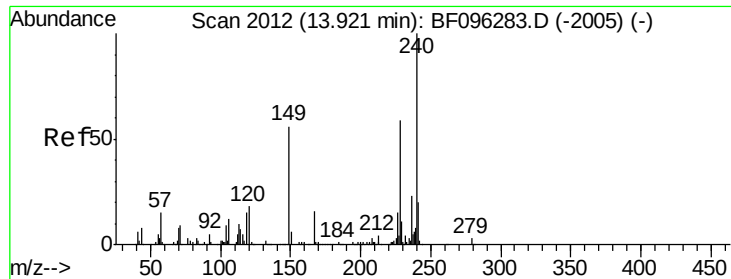
#70
Phenanthrene
Concen: Below Cal
RT: 11.31 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF096334.D
Acq: 30 Jun 2017 13:48

Tgt Ion:178 Resp: 2684
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.4
179 16.6 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF096334.D

Acq: 30 Jun 2017 13:48

Instrument :

BNA_F

ClientSampleId :

G51-1.5-3

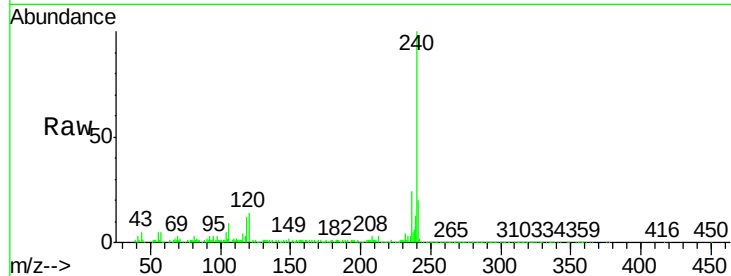
Tgt Ion:240 Resp: 309686

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

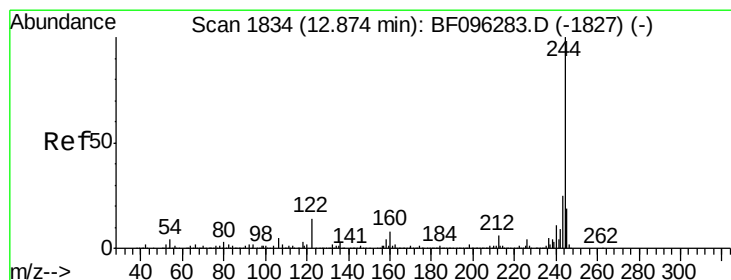
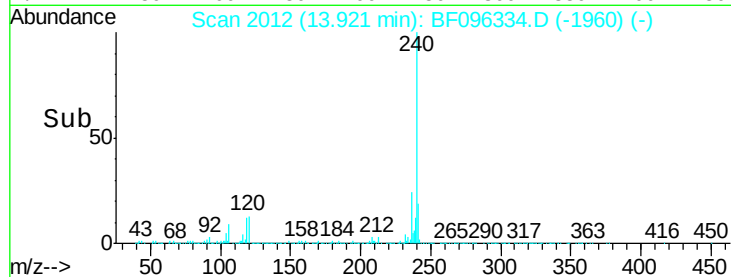
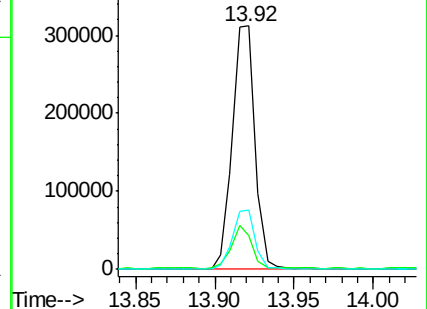
236 24.3 20.5 30.7



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: 4.698 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF096334.D

Acq: 30 Jun 2017 13:48

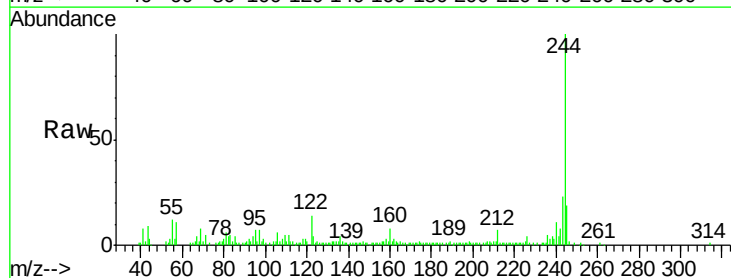
Tgt Ion:244 Resp: 58304

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

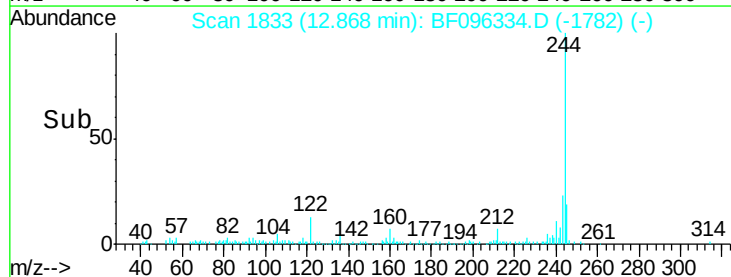
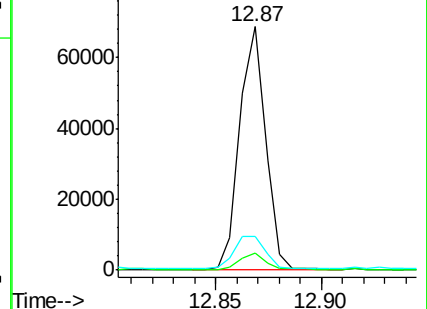
122 13.9 10.3 15.5

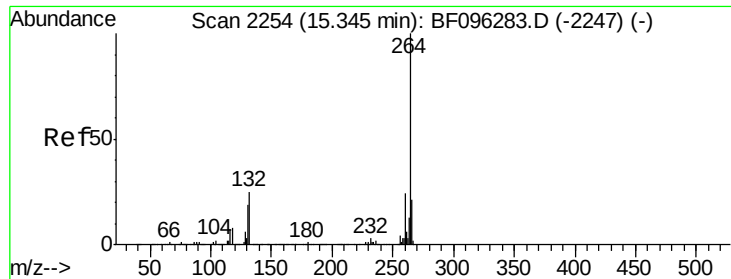


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

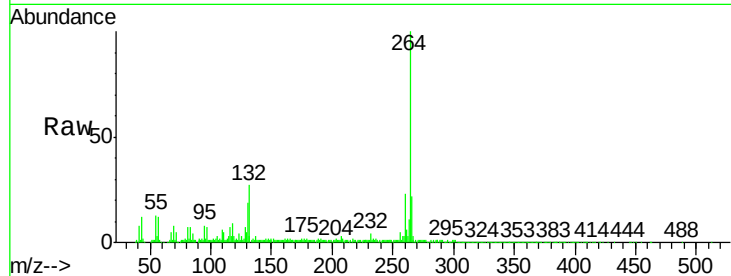




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.01 min
Lab File: BF096334.D
Acq: 30 Jun 2017 13:48

Instrument :
BNA_F
ClientSampleId :
G51-1.5-3

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	22.1	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

