

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
 Data File : BF096341.D
 Acq On : 30 Jun 2017 17:04
 Operator : SJ/MA
 Sample : I3882-01 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G51-1.5-3

Quant Time: Jun 30 18:39:36 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	142078	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	571270	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	220953	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	343596	20.00	ng	0.00
75) Chrysene-d12	13.92	240	270746	20.00	ng	0.00
86) Perylene-d12	15.35	264	184727	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	66110	6.70	ng	0.00
7) Phenol-d6	6.39	99	82743	6.93	ng	0.00
23) Nitrobenzene-d5	7.32	82	40301	4.88	ng	-0.04
41) 2,4,6-Tribromophenol	10.59	330	13235	7.61	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	79271	6.57	ng	-0.02
78) Terphenyl-d14	12.87	244	60411	5.57	ng	0.00

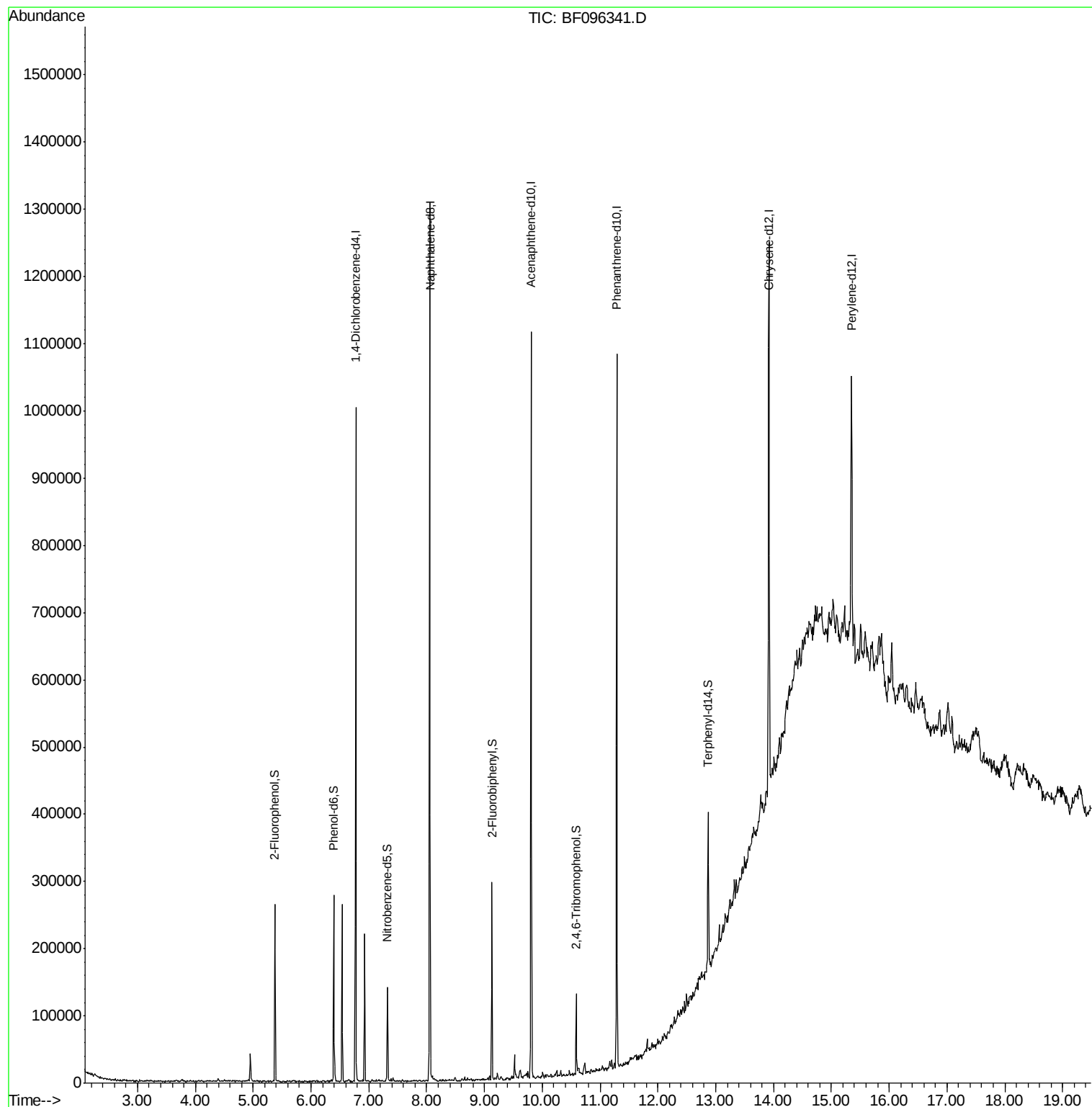
Target Compounds Qvalue

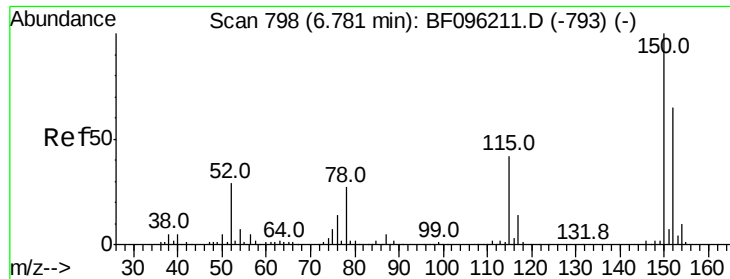
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF096341.D

Acq: 30 Jun 2017 17:04

Instrument :

BNA_F

ClientSampleId :

G51-1.5-3

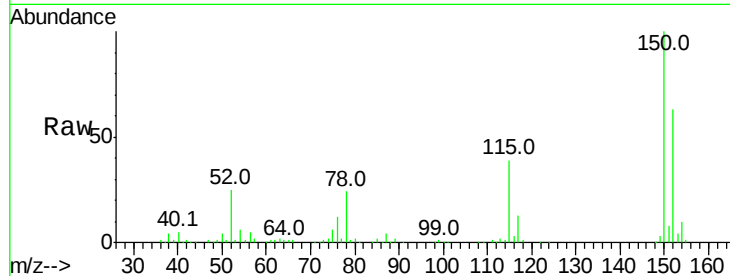
Tot Ion:152 Resp: 142078

Ion Ratio Lower Upper

152 100

150 159.4 126.2 189.2

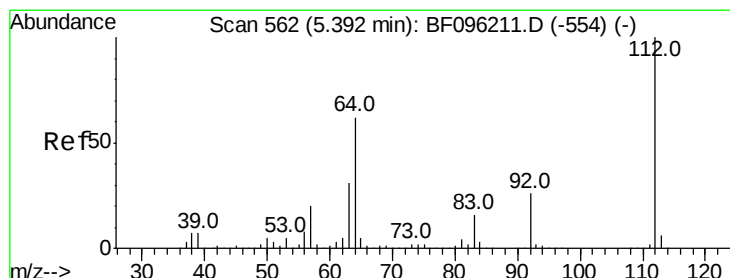
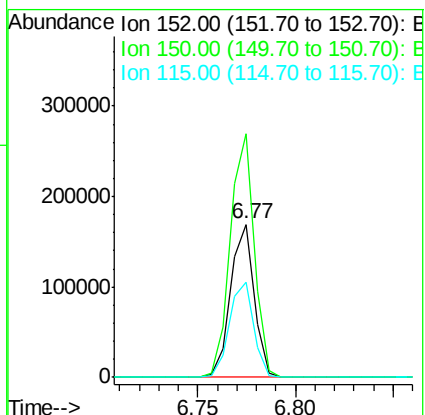
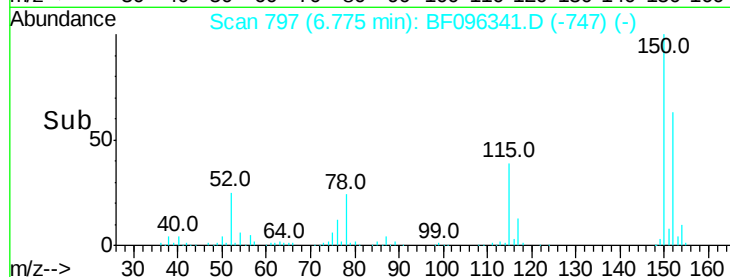
115 62.4 52.2 78.2



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: 6.70 ng

RT: 5.37 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF096341.D

Acq: 30 Jun 2017 17:04

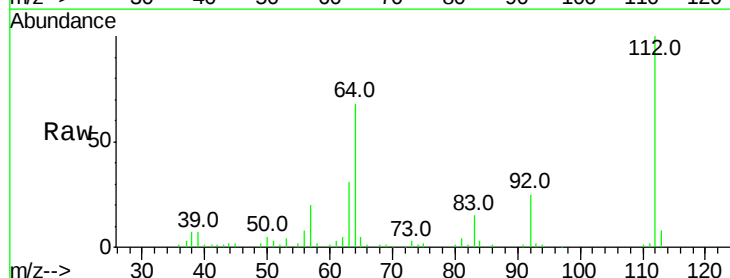
Tgt Ion:112 Resp: 66110

Ion Ratio Lower Upper

112 100

64 67.5 46.0 69.0

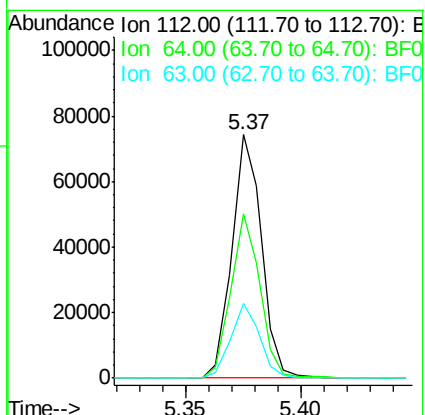
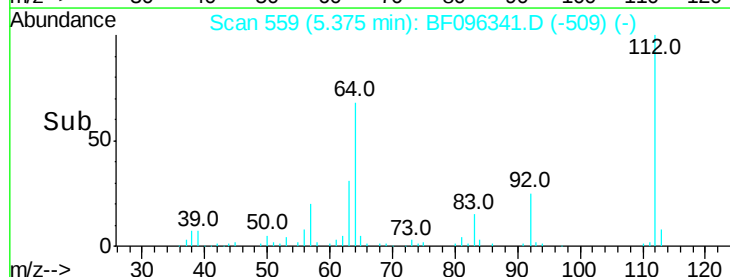
63 30.6 23.4 35.0

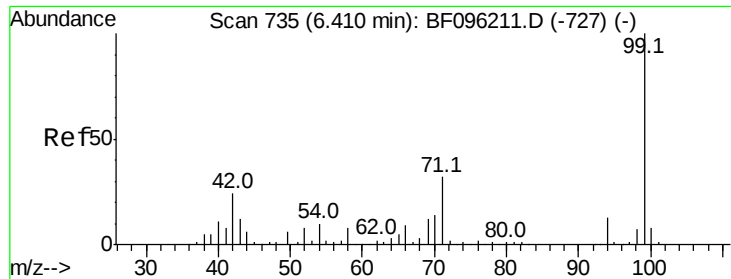


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 6.93 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF096341.D

Acq: 30 Jun 2017 17:04

Instrument :

BNA_F

ClientSampleId :

G51-1.5-3

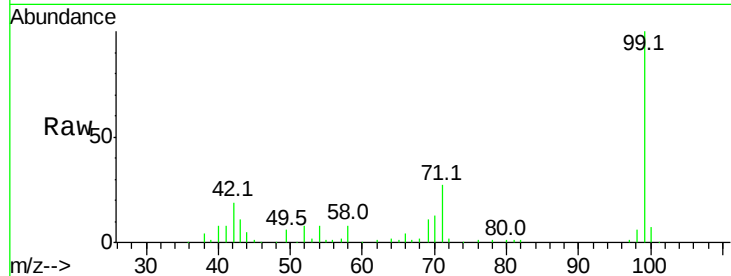
Tot Ion: 99 Resp: 82743

Ion Ratio Lower Upper

99 100

42 19.0 13.5 20.3

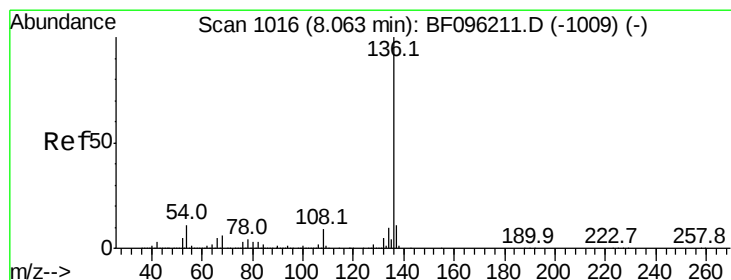
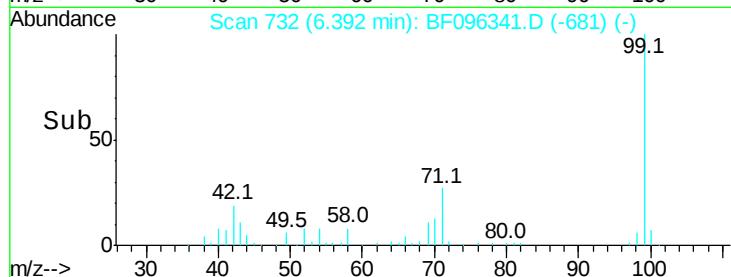
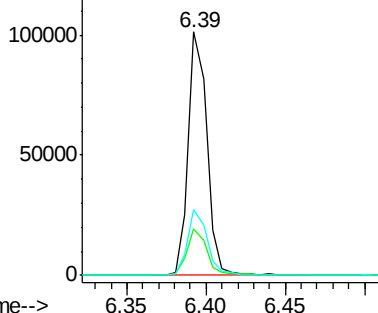
71 27.1 24.5 36.7



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: 20.00 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BF096341.D

Acq: 30 Jun 2017 17:04

Tgt Ion: 136 Resp: 571270

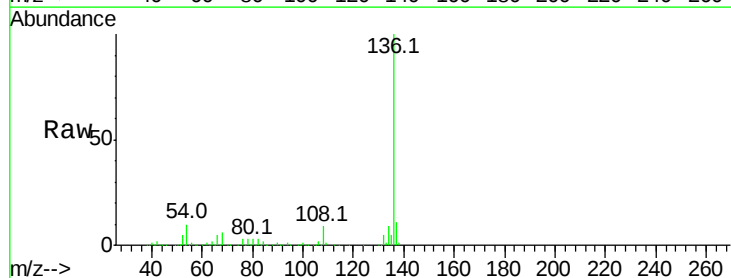
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 10.2 4.9 7.3#

68 6.2 4.1 6.1#

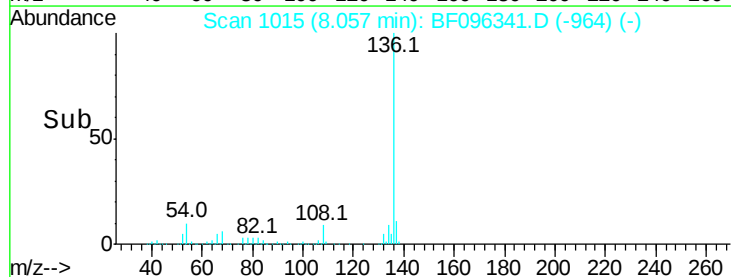
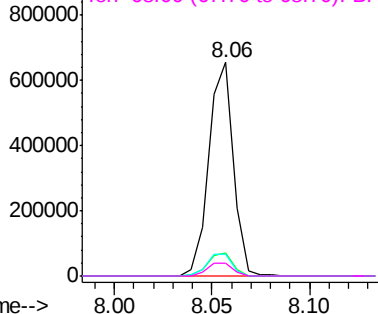


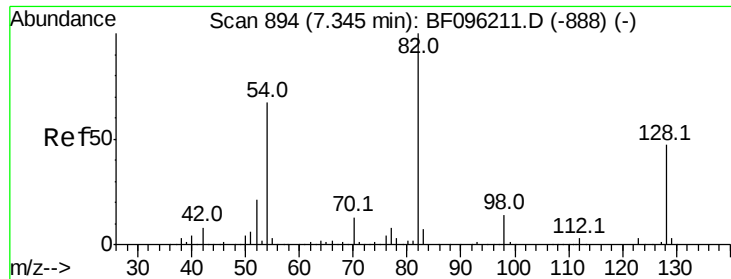
Abundance Ion 136.00 (135.70 to 136.70): E

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

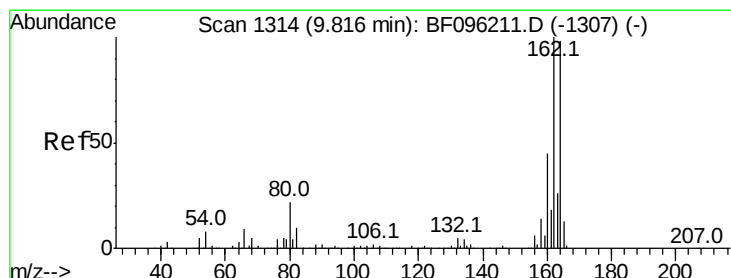
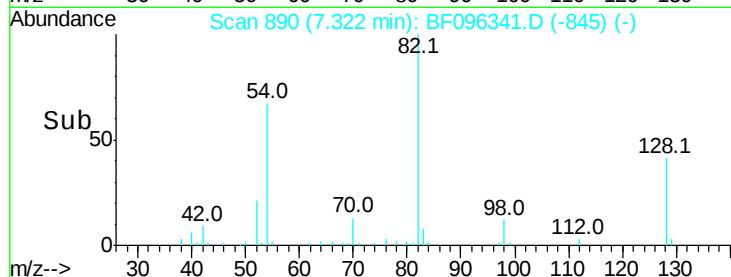
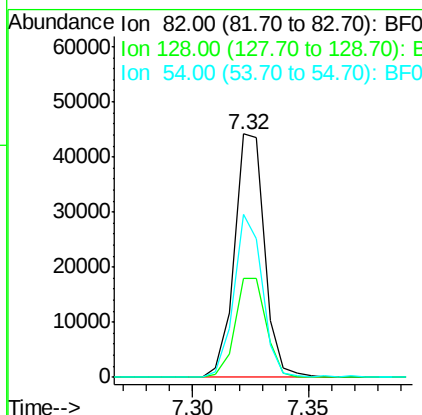
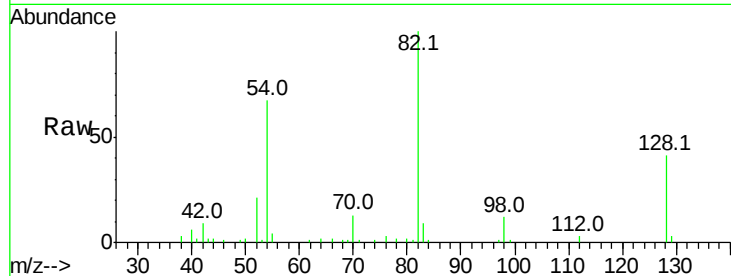




#23
 Nitrobenzene-d5
 Concen: 4.88 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.04 min
 Lab File: BF096341.D
 Acq: 30 Jun 2017 17:04

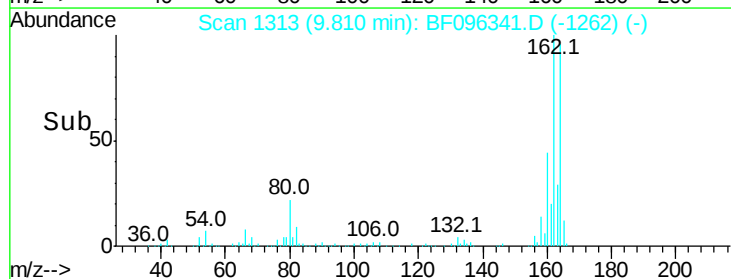
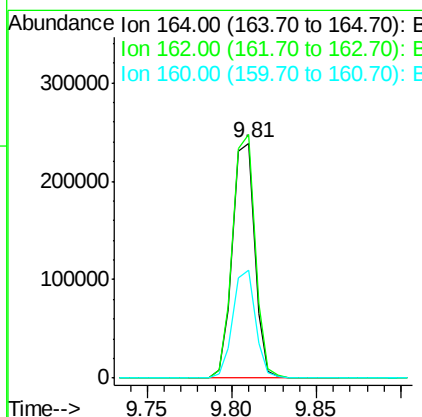
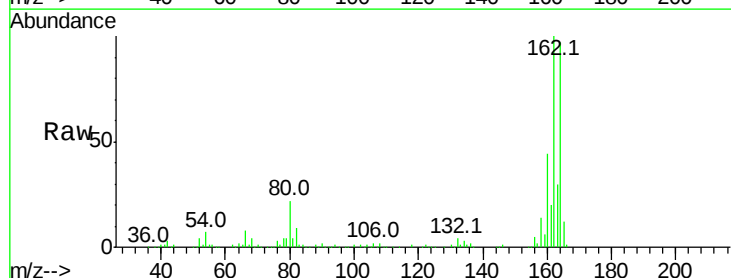
Instrument :
 BNA_F
 ClientSampled :
 G51-1.5-3

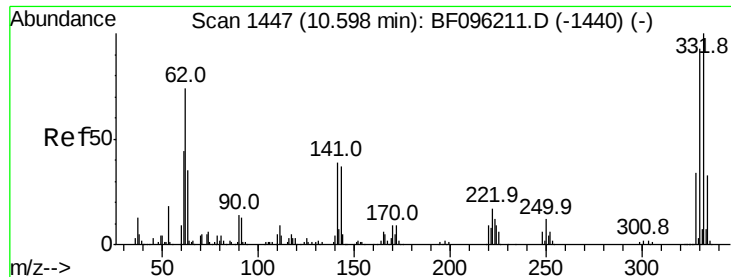
Tot Ion	82	Resp	40301
Ion Ratio	100		
Lower		34.0	51.0
Upper		63.2	



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.00 min
 Lab File: BF096341.D
 Acq: 30 Jun 2017 17:04

Tgt Ion	164	Resp	220953
Ion Ratio	100		
Lower		82.6	123.8
Upper		54.2	





#41

2,4,6-Tribromophenol

Concen: 7.61 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BF096341.D

Acq: 30 Jun 2017 17:04

Instrument :

BNA_F

ClientSampleId :

G51-1.5-3

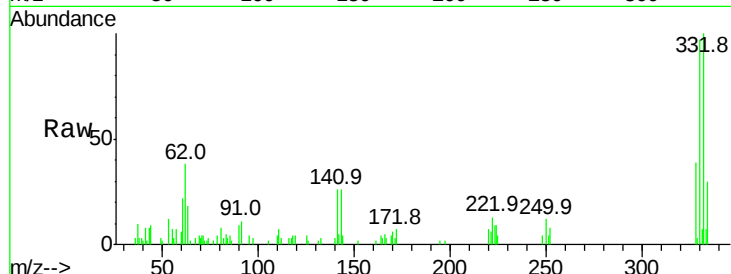
Tot Ion:330 Resp: 13235

Ion Ratio Lower Upper

330 100

332 99.0 76.6 115.0

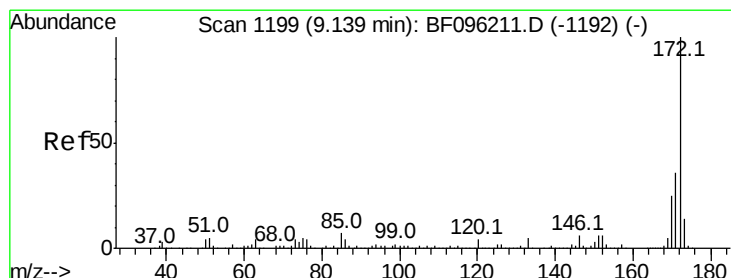
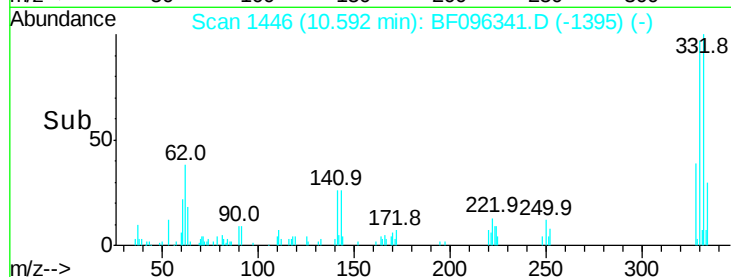
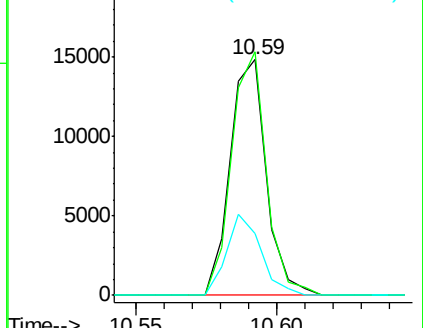
141 32.5 31.4 47.2



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: 6.57 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BF096341.D

Acq: 30 Jun 2017 17:04

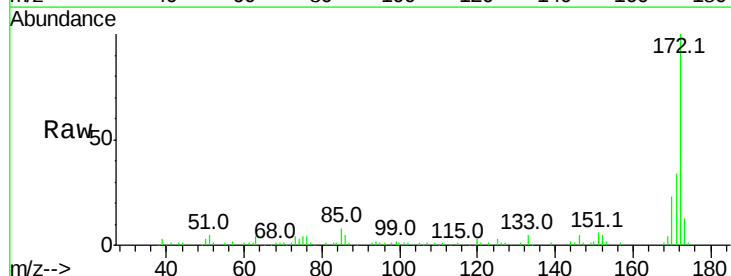
Tgt Ion:172 Resp: 79271

Ion Ratio Lower Upper

172 100

171 34.2 29.6 44.4

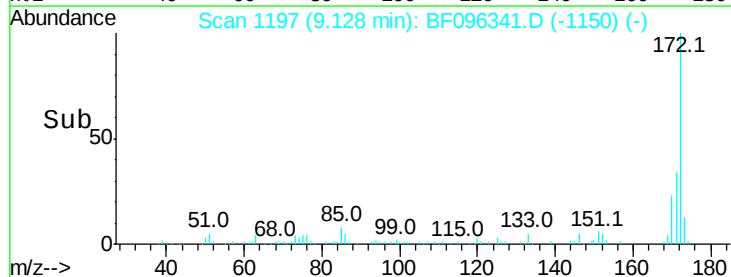
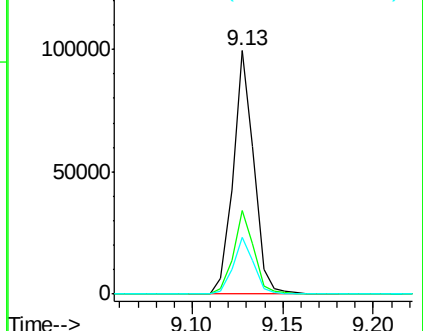
170 23.3 19.8 29.8

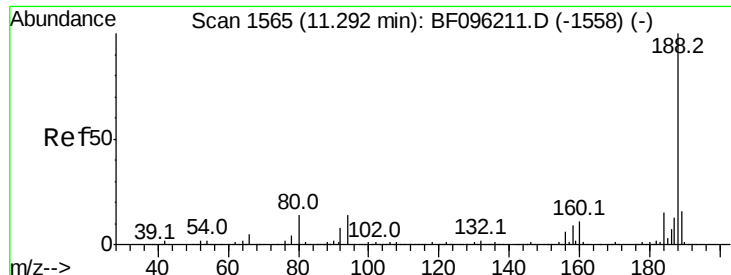


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

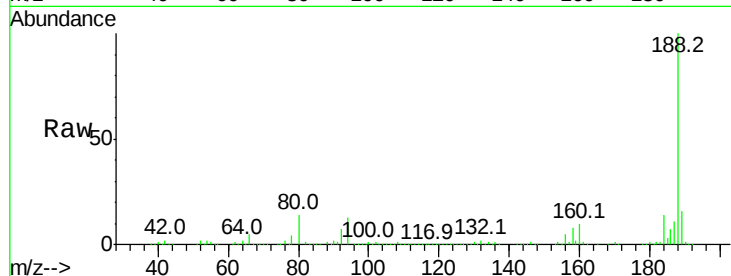




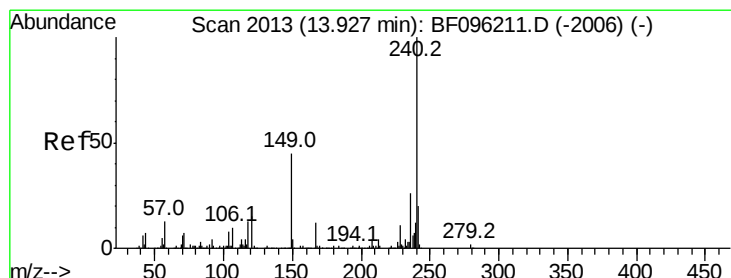
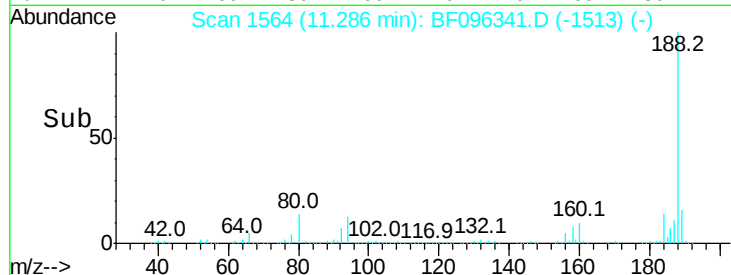
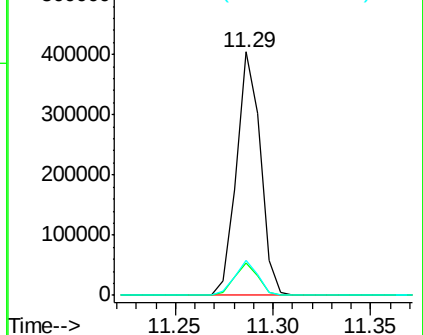
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BF096341.D
Acq: 30 Jun 2017 17:04

Instrument :
BNA_F
ClientSampleId :
G51-1.5-3

Tot Ion:188 Resp: 343596
Ion Ratio Lower Upper
188 100
94 13.1 9.4 14.2
80 14.2 10.2 15.2

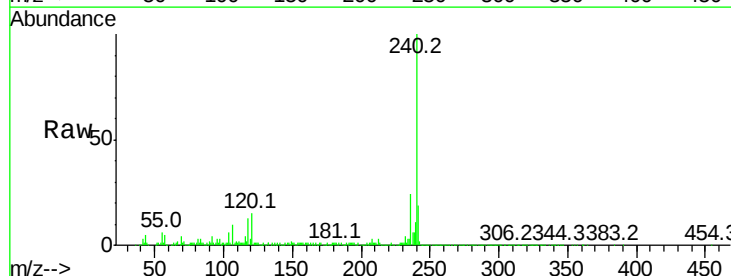


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

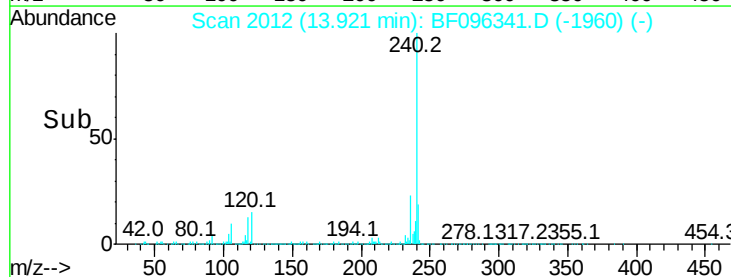
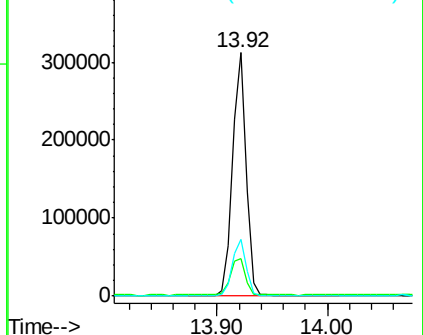


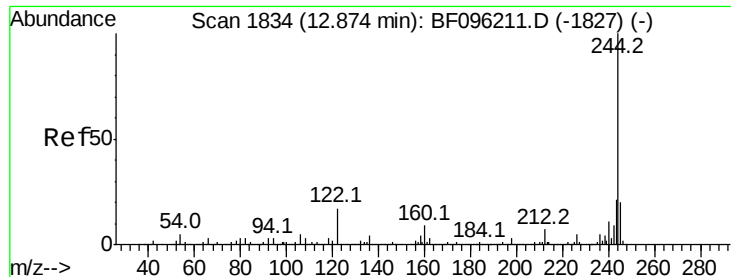
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BF096341.D
Acq: 30 Jun 2017 17:04

Tgt Ion:240 Resp: 270746
Ion Ratio Lower Upper
240 100
120 15.3 5.8 8.8#
236 23.5 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: 5.57 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF096341.D

Acq: 30 Jun 2017 17:04

Instrument :

BNA_F

ClientSampleId :

G51-1.5-3

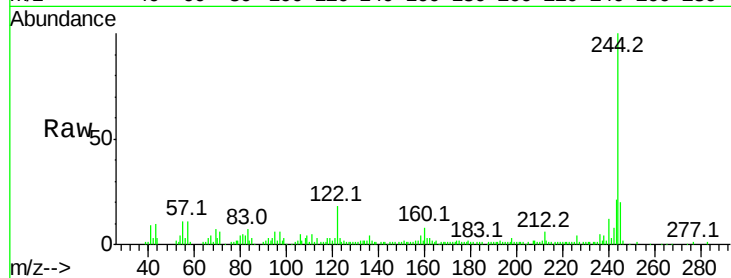
Tot Ion:244 Resp: 60411

Ion Ratio Lower Upper

244 100

212 6.2 6.0 9.0

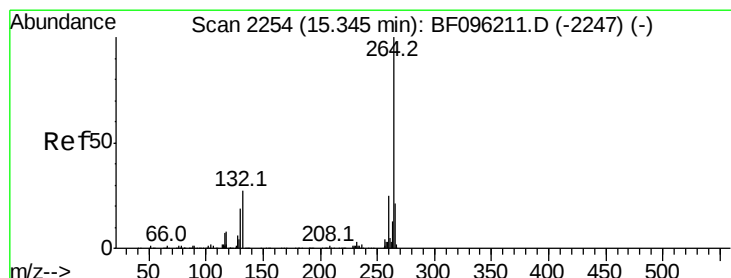
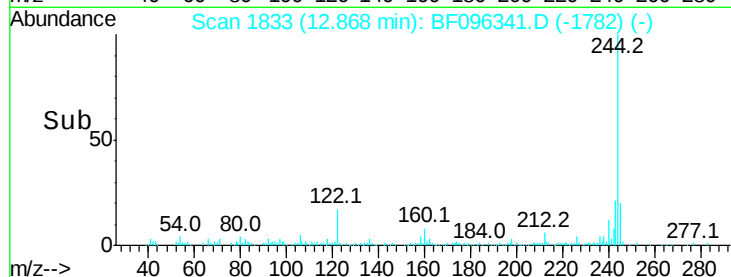
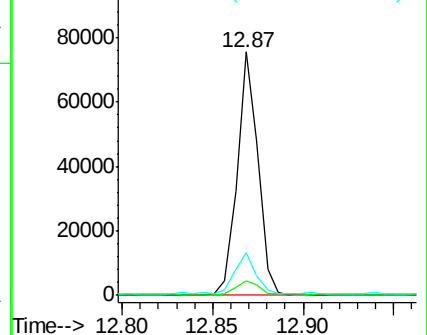
122 17.6 10.3 15.5#



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: 20.00 ng

RT: 15.35 min Scan# 2255

Delta R.T. 0.01 min

Lab File: BF096341.D

Acq: 30 Jun 2017 17:04

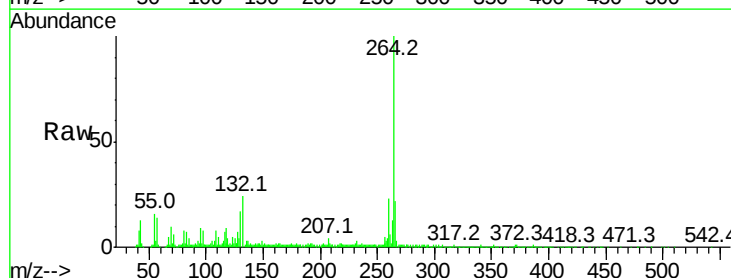
Tgt Ion:264 Resp: 184727

Ion Ratio Lower Upper

264 100

260 23.5 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

