

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
 Data File : BF096335.D
 Acq On : 30 Jun 2017 14:16
 Operator : SJ/MA
 Sample : I3883-11 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G53-0-1.5

Quant Time: Jun 30 18:18:02 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

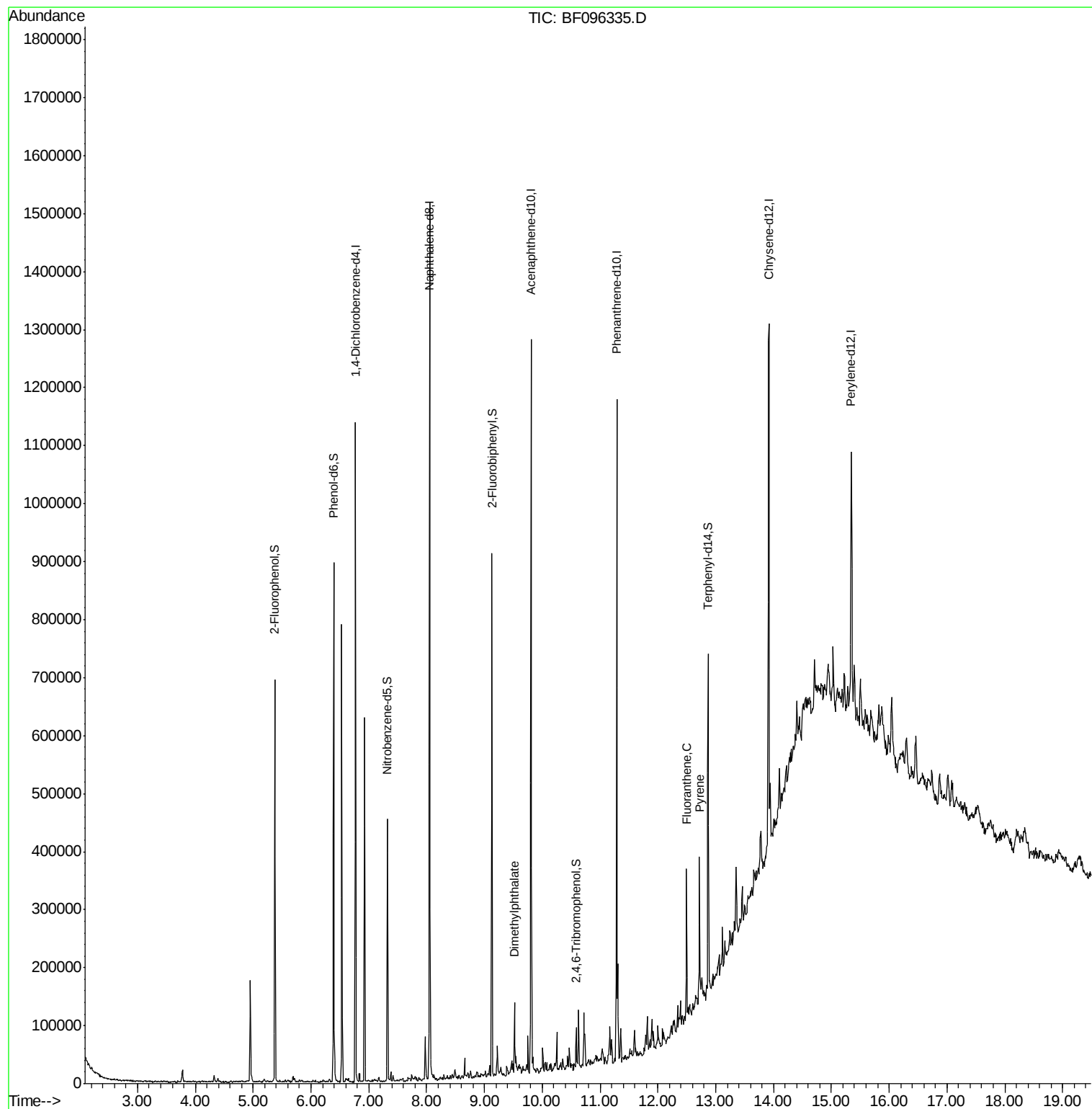
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	163950	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	671481	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	254707	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	365954	20.00	ng	0.00
75) Chrysene-d12	13.92	240	309570	20.00	ng	0.00
86) Perylene-d12	15.34	264	217695	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	170336	14.97	ng	0.00
7) Phenol-d6	6.39	99	243634	17.68	ng	0.00
23) Nitrobenzene-d5	7.32	82	128520	13.25	ng	-0.04
41) 2,4,6-Tribromophenol	10.59	330	5765	2.88	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	239673	17.23	ng	-0.02
78) Terphenyl-d14	12.87	244	159151	12.83	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.52	163	39926	2.19	ng	98
74) Fluoranthene	12.50	202	99525	4.90	ng	96
77) Pyrene	12.72	202	91928	3.61	ng	99

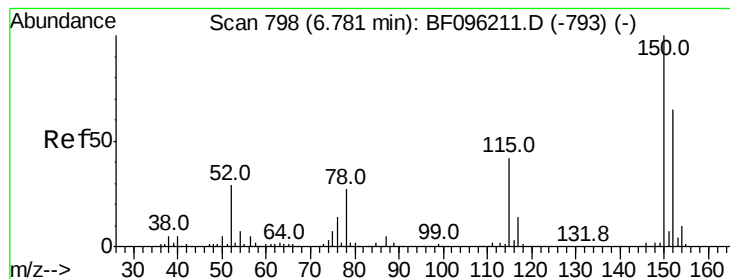
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 28 15:41:49 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF096335.D

Acq: 30 Jun 2017 14:16

Instrument :

BNA_F

ClientSampleId :

G53-0-1.5

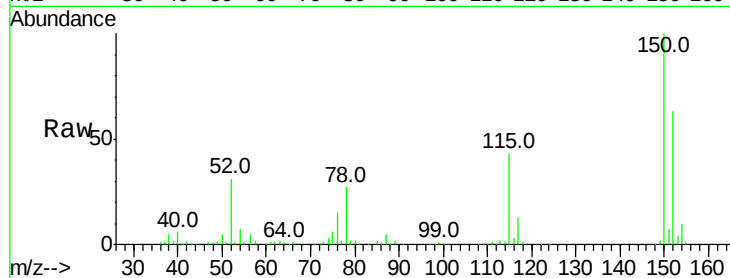
Tot Ion:152 Resp: 163950

Ion Ratio Lower Upper

152 100

150 159.3 126.2 189.2

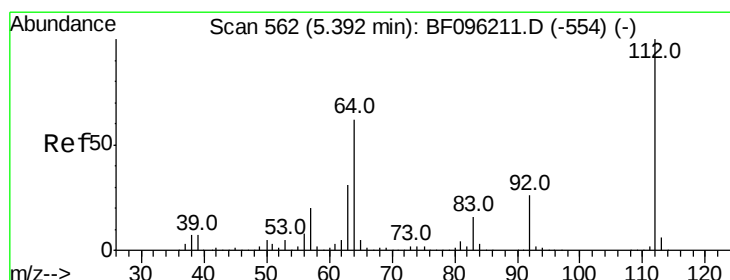
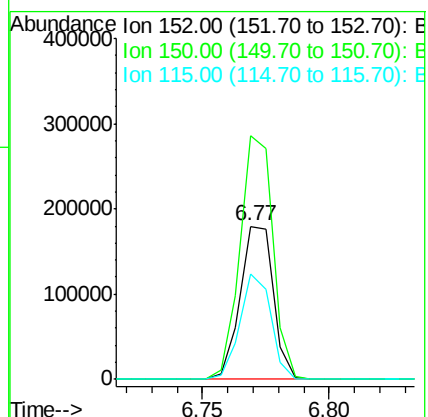
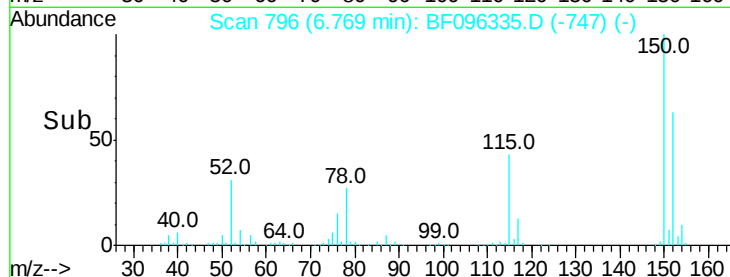
115 68.9 52.2 78.2



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: 14.97 ng

RT: 5.37 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF096335.D

Acq: 30 Jun 2017 14:16

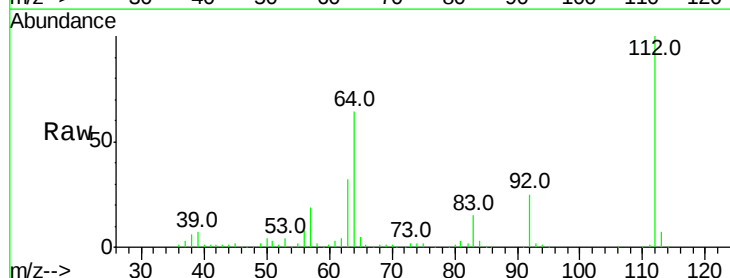
Tgt Ion:112 Resp: 170336

Ion Ratio Lower Upper

112 100

64 63.9 46.0 69.0

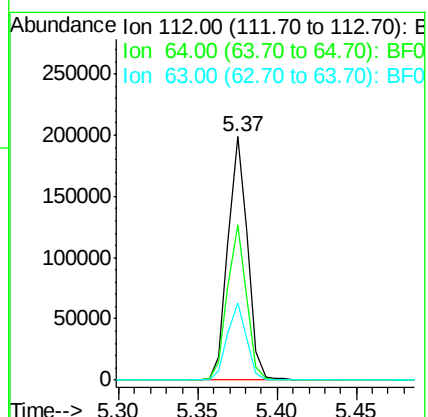
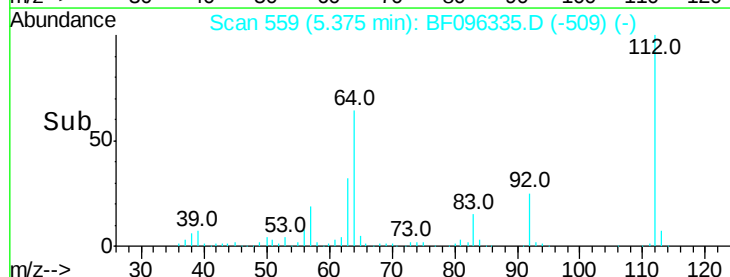
63 31.7 23.4 35.0

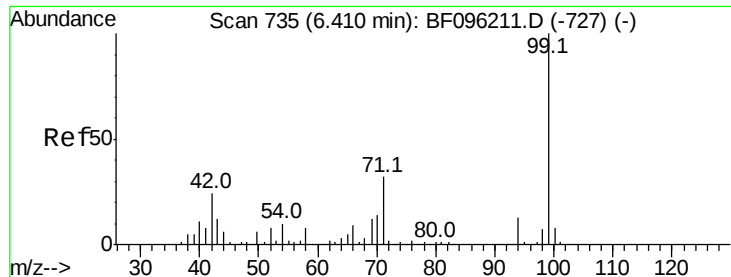


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 17.68 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF096335.D

Acq: 30 Jun 2017 14:16

Instrument :

BNA_F

ClientSampleId :

G53-0-1.5

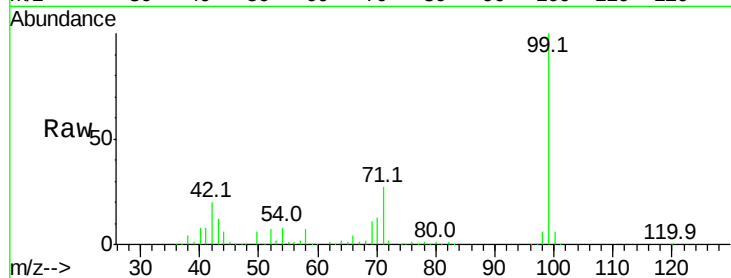
Tot Ion: 99 Resp: 243634

Ion Ratio Lower Upper

99 100

42 20.2 13.5 20.3

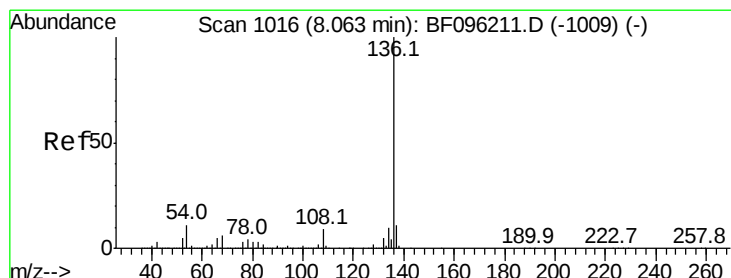
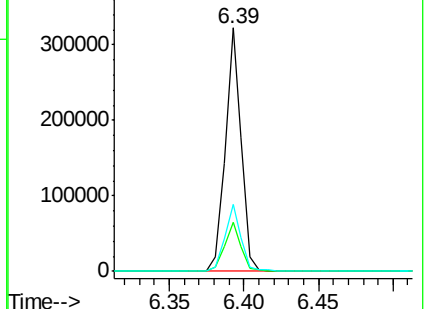
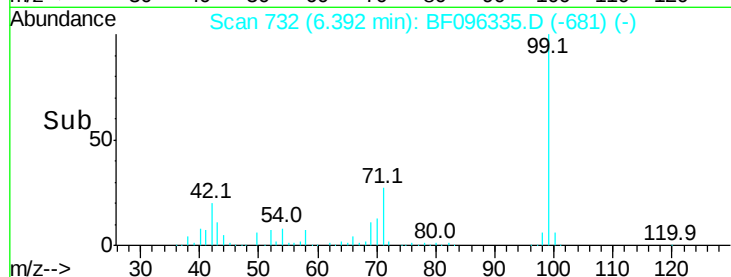
71 27.4 24.5 36.7



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: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF096335.D

Acq: 30 Jun 2017 14:16

Tgt Ion: 136 Resp: 671481

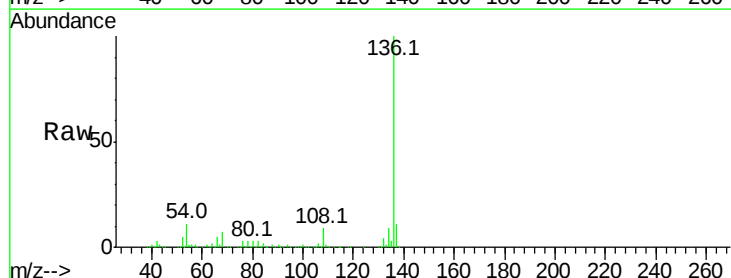
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 11.3 4.9 7.3#

68 7.0 4.1 6.1#

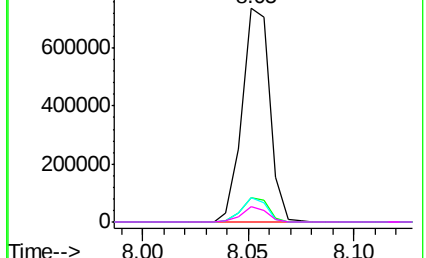
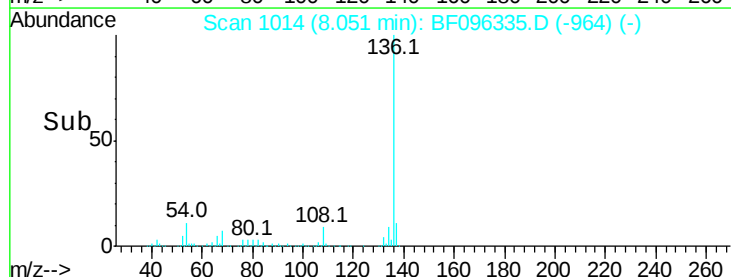


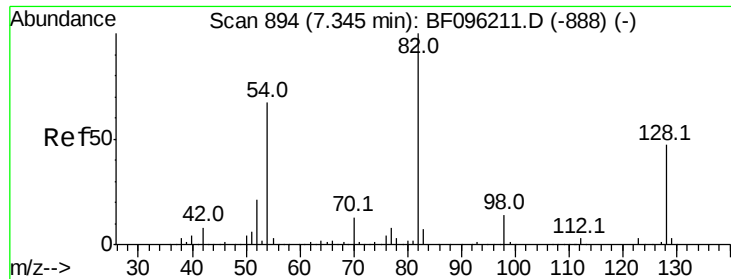
Abundance Ion 136.00 (135.70 to 136.70): E

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

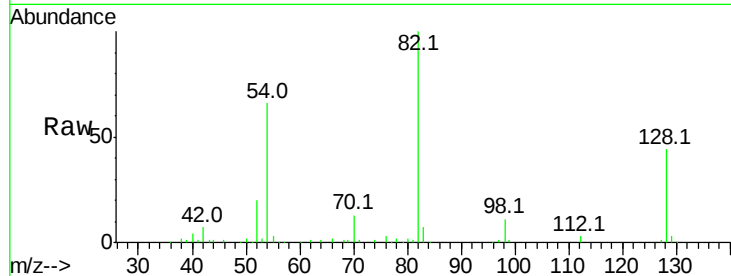




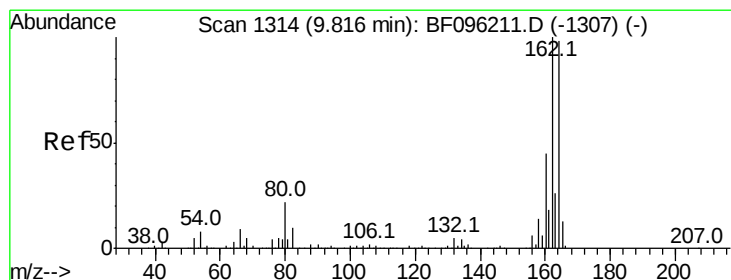
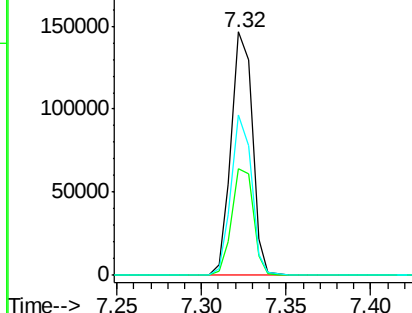
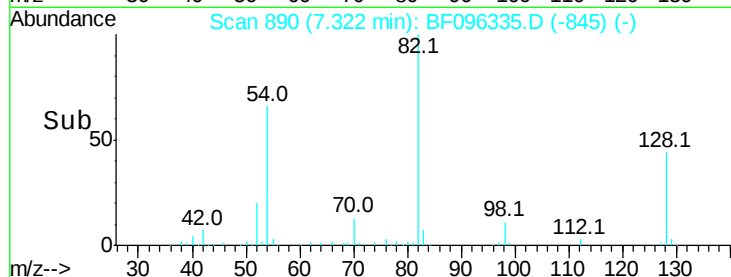
#23
 Nitrobenzene-d5
 Concen: 13.25 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.04 min
 Lab File: BF096335.D
 Acq: 30 Jun 2017 14:16

Instrument :
 BNA_F
 ClientSampleId :
 G53-0-1.5

Tot Ion: 82 Resp: 128520
 Ion Ratio Lower Upper
 82 100
 128 43.8 34.0 51.0
 54 66.0 42.2 63.2#

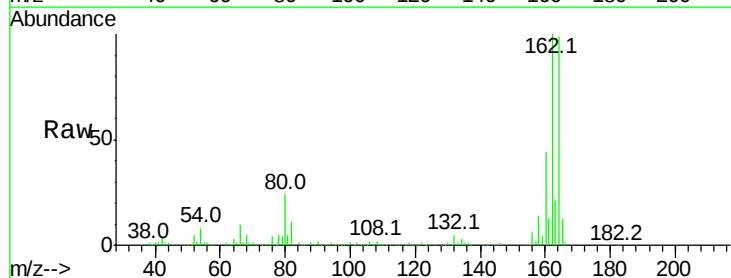


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

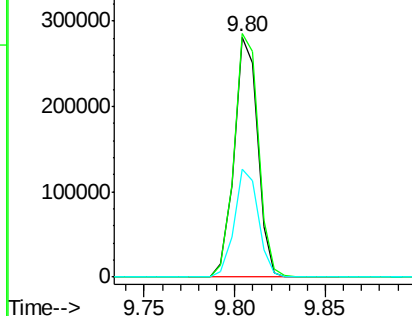
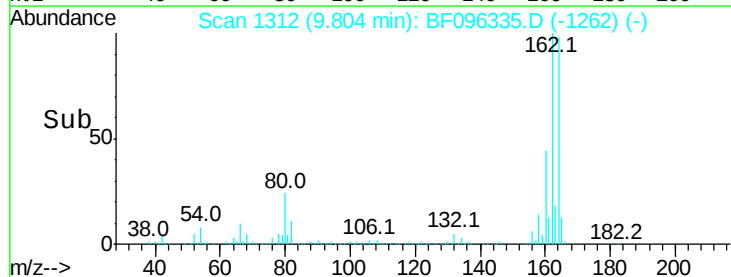


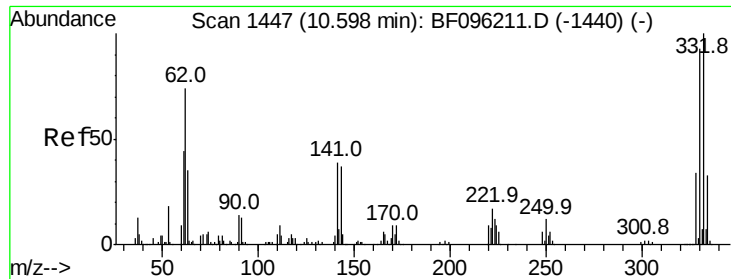
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF096335.D
 Acq: 30 Jun 2017 14:16

Tgt Ion:164 Resp: 254707
 Ion Ratio Lower Upper
 164 100
 162 101.3 82.6 123.8
 160 44.7 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: 2.88 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF096335.D

Acq: 30 Jun 2017 14:16

Instrument :

BNA_F

ClientSampleId :

G53-0-1.5

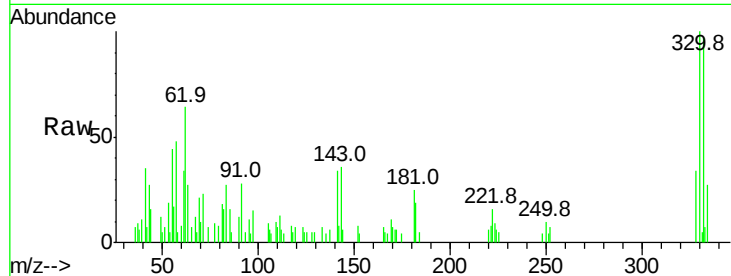
Tot Ion:330 Resp: 5765

Ion Ratio Lower Upper

330 100

332 100.1 76.6 115.0

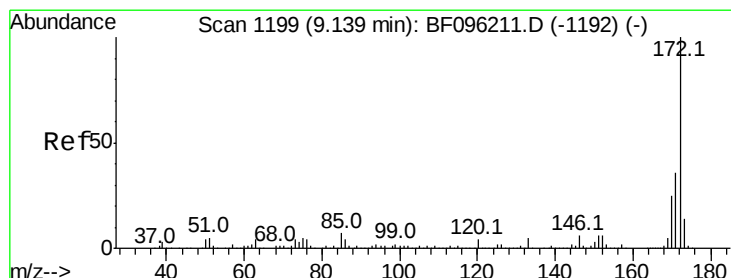
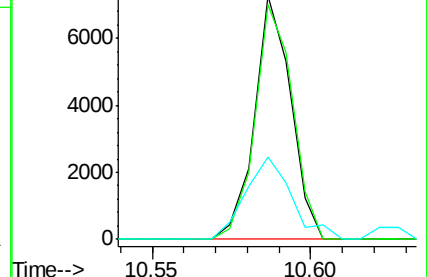
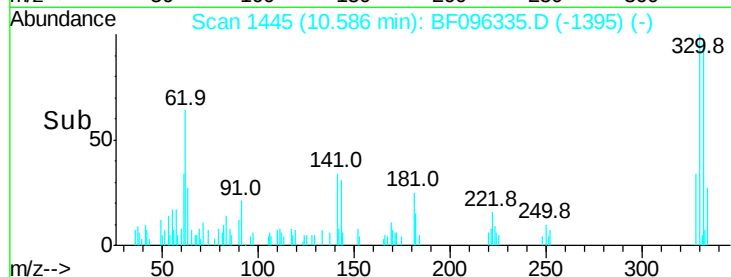
141 43.0 31.4 47.2



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: 17.23 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BF096335.D

Acq: 30 Jun 2017 14:16

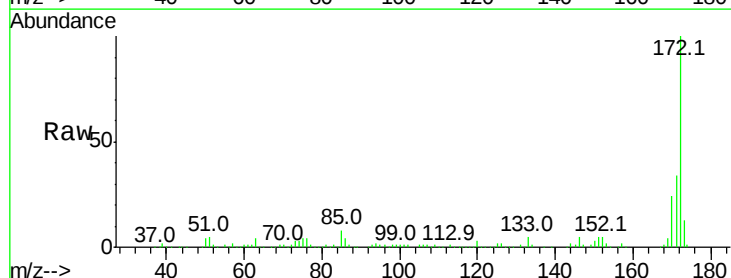
Tgt Ion:172 Resp: 239673

Ion Ratio Lower Upper

172 100

171 34.3 29.6 44.4

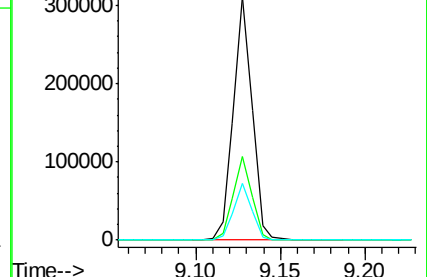
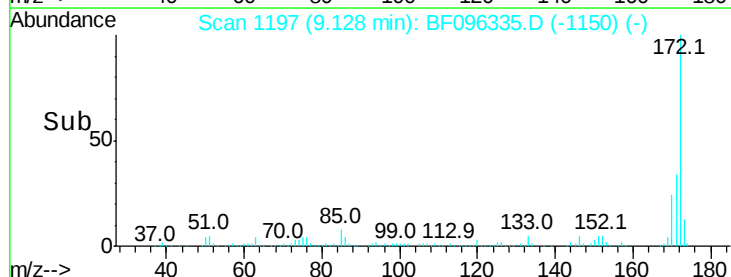
170 23.5 19.8 29.8

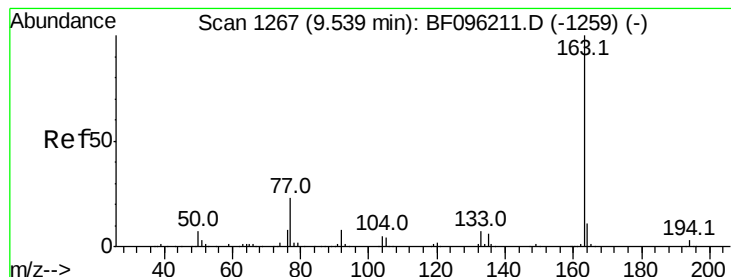


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.19 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF096335.D

Acq: 30 Jun 2017 14:16

Instrument :

BNA_F

ClientSampleId :

G53-0-1.5

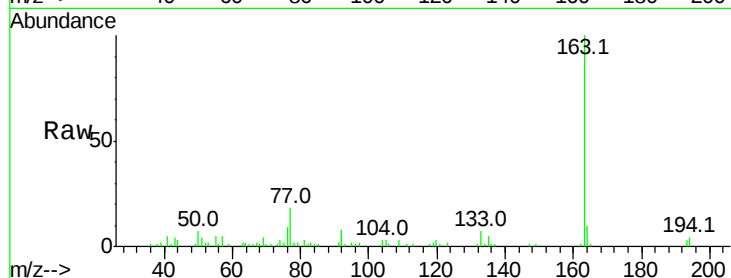
Tot Ion:163 Resp: 39926

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

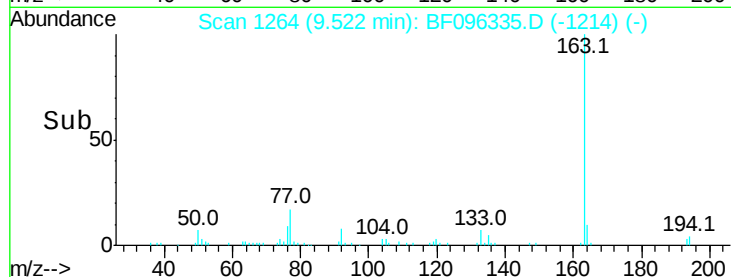
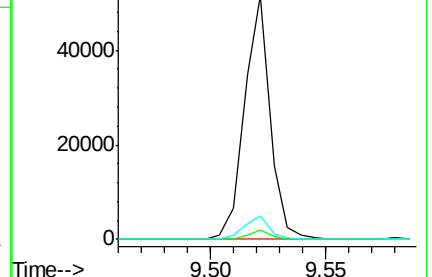
164 9.7 8.4 12.6



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BF096335.D

Acq: 30 Jun 2017 14:16

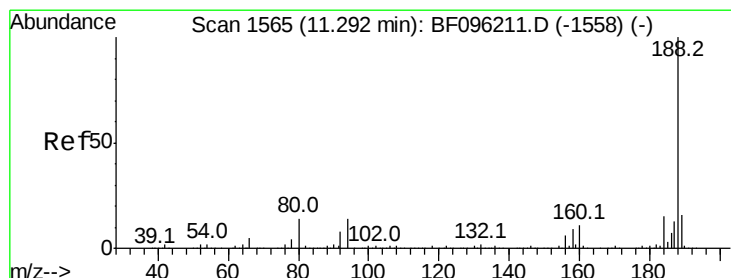
Tgt Ion:188 Resp: 365954

Ion Ratio Lower Upper

188 100

94 13.1 9.4 14.2

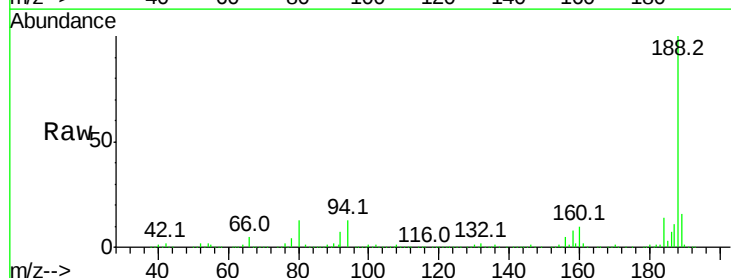
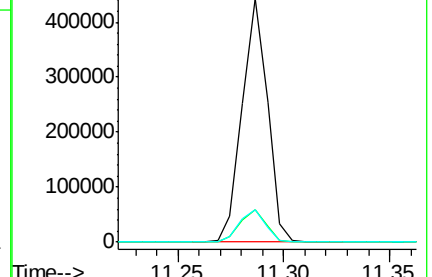
80 13.3 10.2 15.2

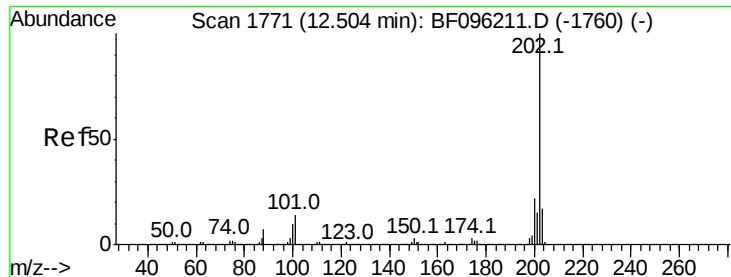


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 4.90 ng

RT: 12.50 min Scan# 1770

Delta R.T. 0.01 min

Lab File: BF096335.D

Acq: 30 Jun 2017 14:16

Instrument :

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ClientSampleId :

G53-0-1.5

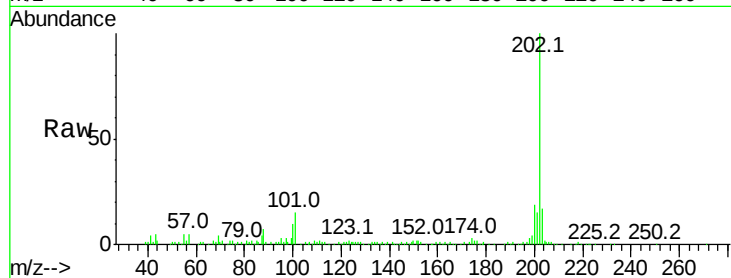
Tot Ion:202 Resp: 99525

Ion Ratio Lower Upper

202 100

101 15.1 0.0 33.2

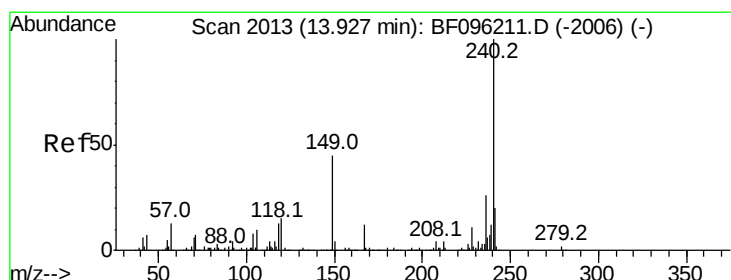
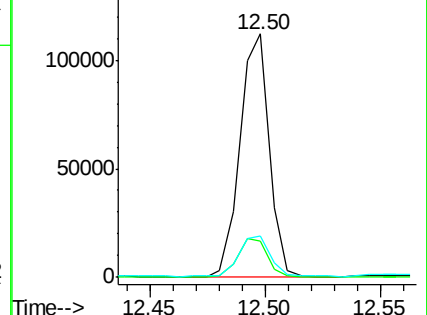
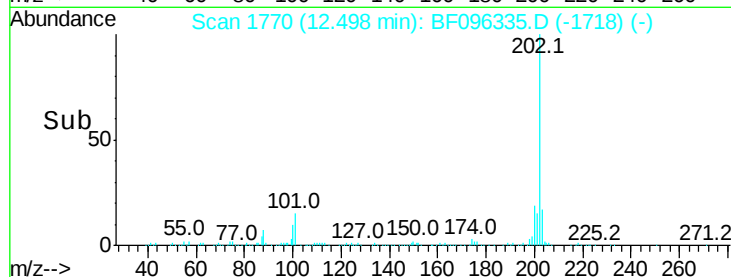
203 16.8 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF096335.D

Acq: 30 Jun 2017 14:16

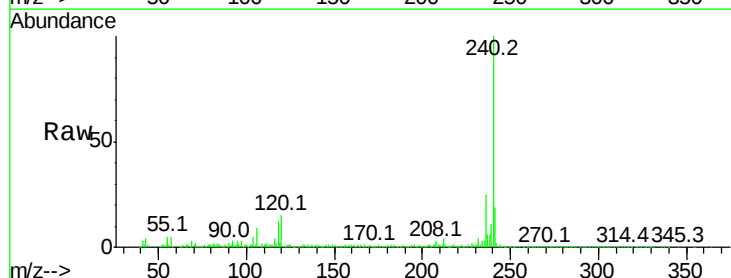
Tgt Ion:240 Resp: 309570

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

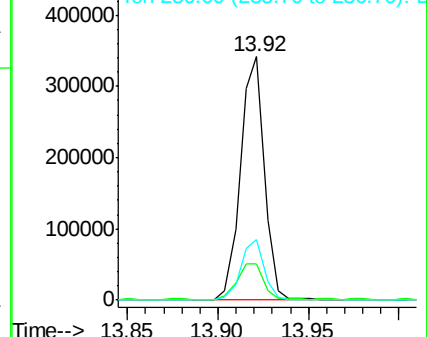
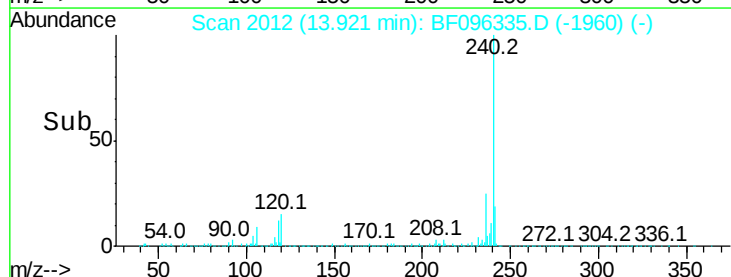
236 24.8 20.5 30.7

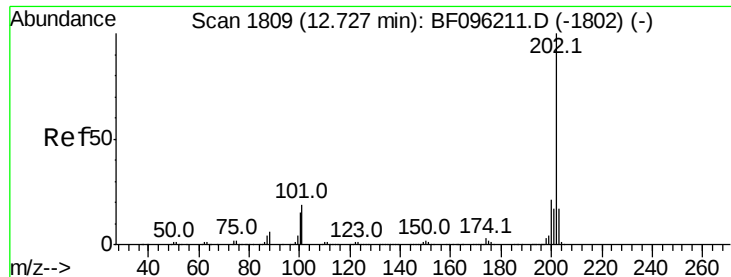


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 3.61 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF096335.D

Acq: 30 Jun 2017 14:16

Instrument :

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ClientSampleId :

G53-0-1.5

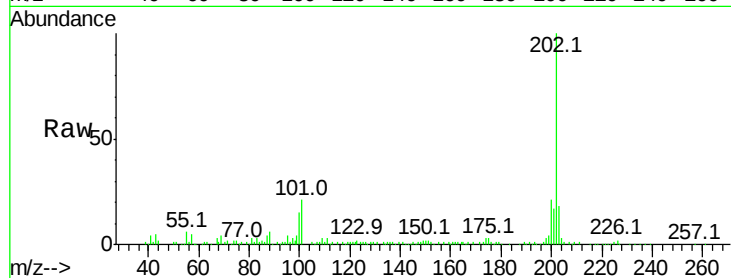
Tot Ion:202 Resp: 91928

Ion Ratio Lower Upper

202 100

200 21.4 17.6 26.4

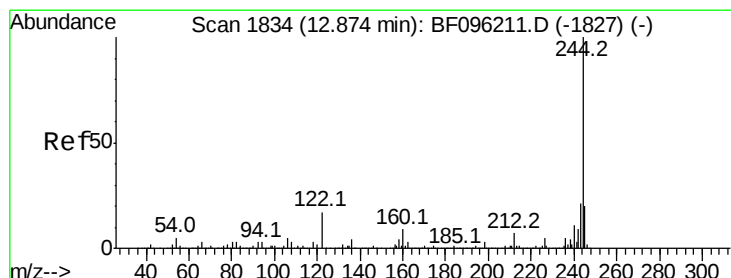
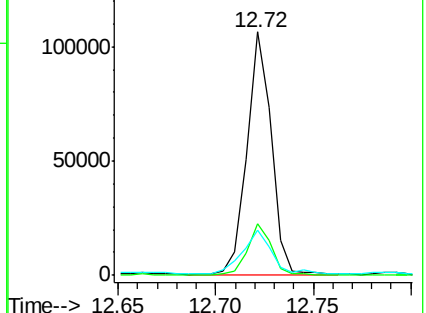
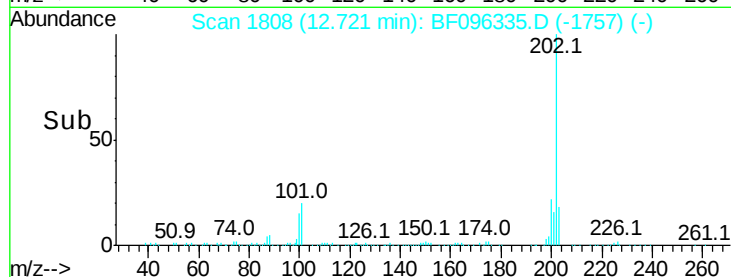
203 18.5 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 12.83 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF096335.D

Acq: 30 Jun 2017 14:16

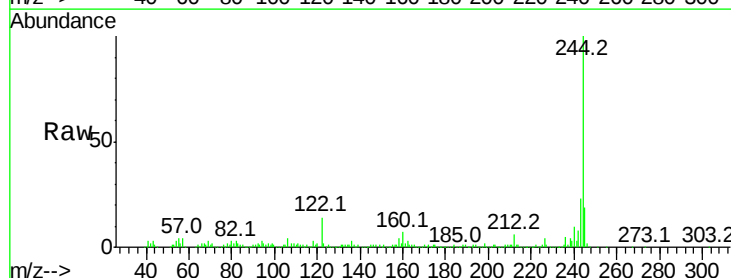
Tgt Ion:244 Resp: 159151

Ion Ratio Lower Upper

244 100

212 5.8 6.0 9.0#

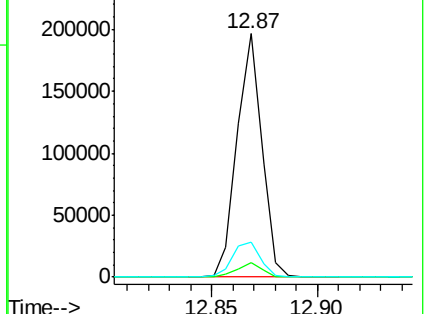
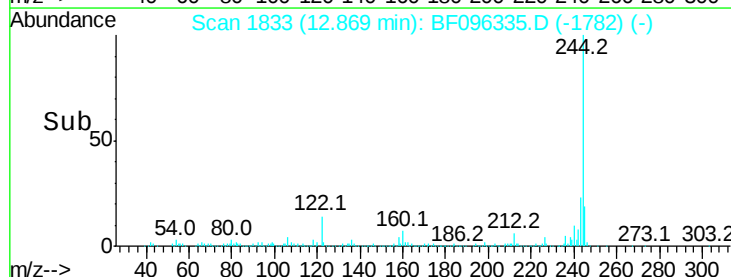
122 14.3 10.3 15.5

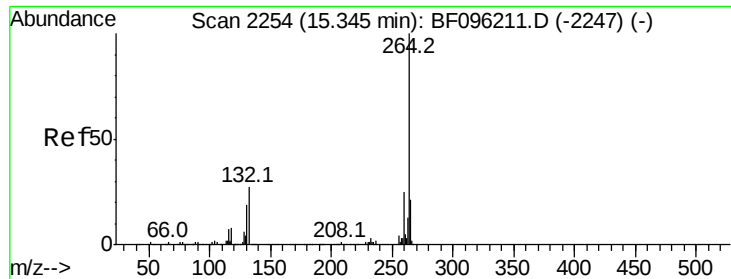


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

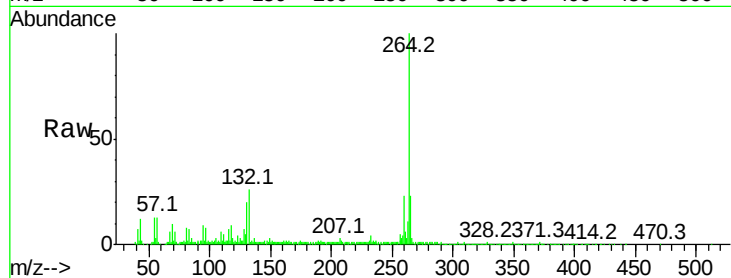




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.01 min
Lab File: BF096335.D
Acq: 30 Jun 2017 14:16

Instrument :
BNA_F
ClientSampleId :
G53-0-1.5

Tot Ion:	264	Resp:	217695
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	22.7	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

