

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
 Data File : BF096338.D
 Acq On : 30 Jun 2017 15:39
 Operator : SJ/MA
 Sample : I3883-14 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G40-1.5-3

Quant Time: Jun 30 18:27:57 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	156129	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	634632	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	236480	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	354071	20.00	ng	0.00
75) Chrysene-d12	13.92	240	304960	20.00	ng	0.00
86) Perylene-d12	15.35	264	202464	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	40621	3.75	ng	0.00
7) Phenol-d6	6.39	99	50101	3.82	ng	0.00
23) Nitrobenzene-d5	7.32	82	23518	2.57	ng	-0.04
41) 2,4,6-Tribromophenol	10.59	330	7097	3.81	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	48304	3.74	ng	-0.02
78) Terphenyl-d14	12.87	244	35753	2.93	ng	0.00

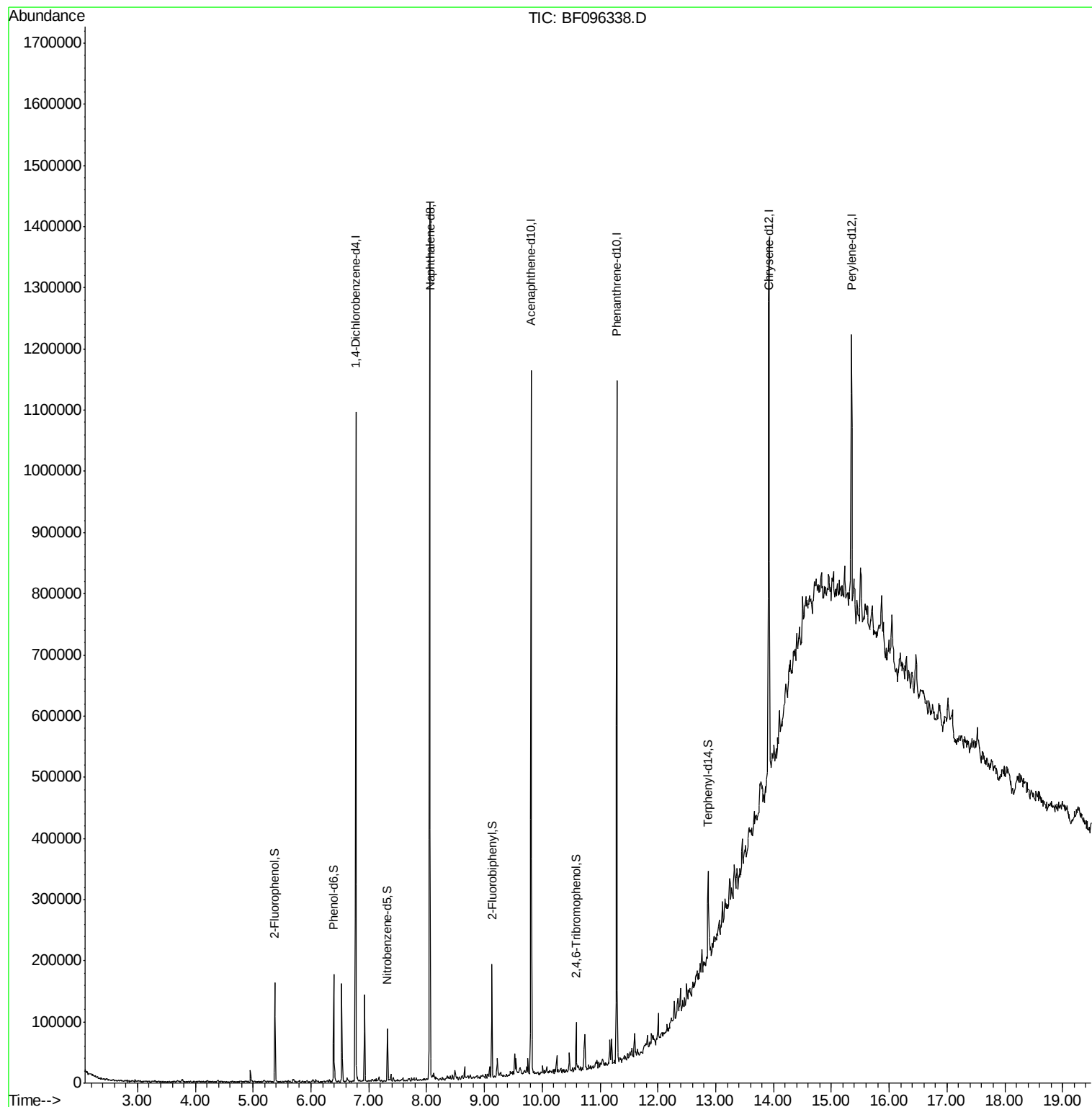
Target Compounds Qvalue

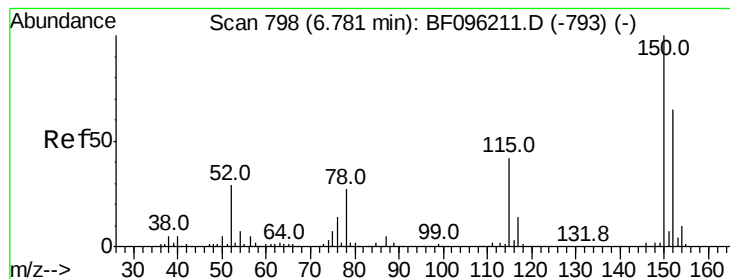
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096338.D
Acq On : 30 Jun 2017 15:39
Operator : SJ/MA
Sample : I3883-14 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G40-1.5-3

Quant Time: Jun 30 18:27:57 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



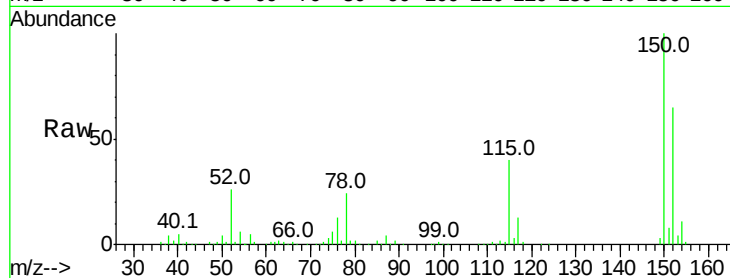


#1

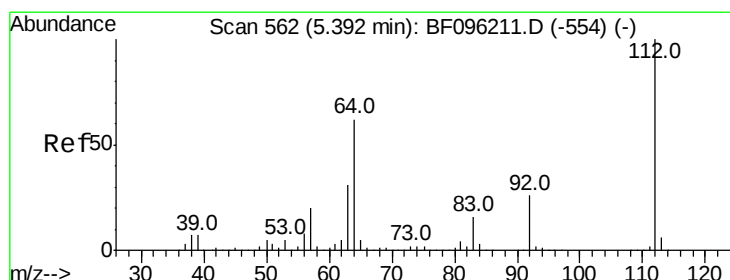
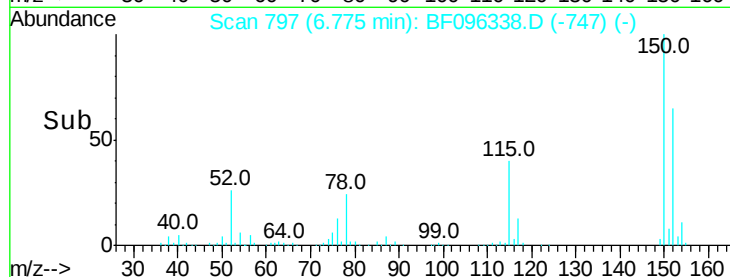
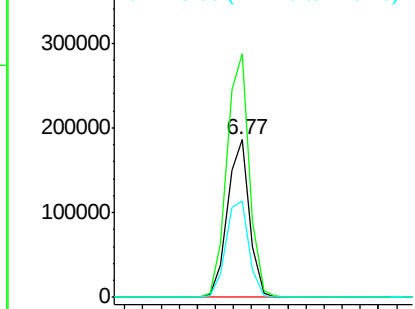
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF096338.D
Acq: 30 Jun 2017 15:39

Instrument :
BNA_F
ClientSampleId :
G40-1.5-3

Tot Ion:152 Resp: 156129
Ion Ratio Lower Upper
152 100
150 154.7 126.2 189.2
115 61.7 52.2 78.2



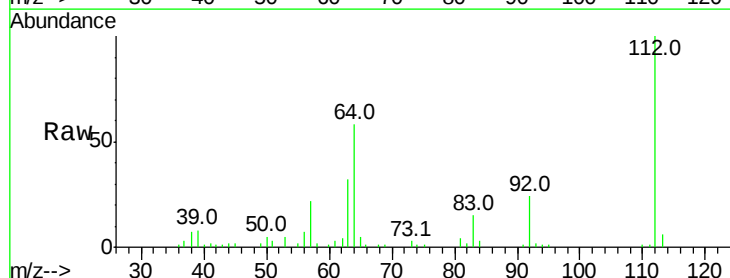
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



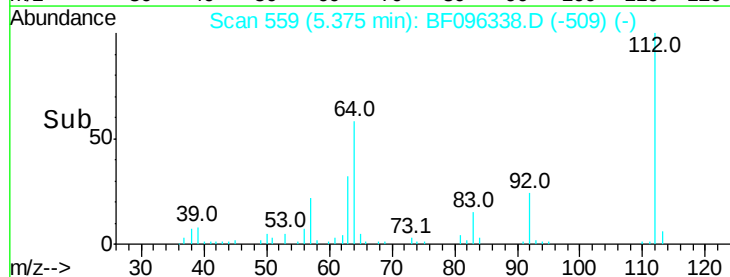
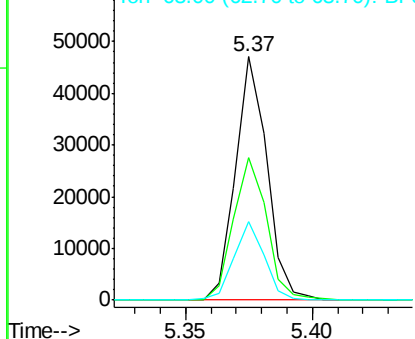
#5

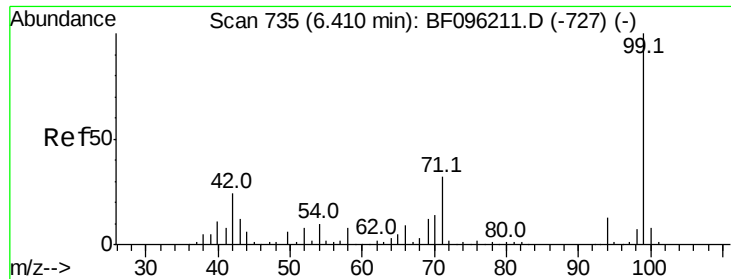
2-Fluorophenol
Concen: 3.75 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF096338.D
Acq: 30 Jun 2017 15:39

Tgt Ion:112 Resp: 40621
Ion Ratio Lower Upper
112 100
64 58.4 46.0 69.0
63 32.1 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: 3.82 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF096338.D

Acq: 30 Jun 2017 15:39

Instrument :

BNA_F

ClientSampleId :

G40-1.5-3

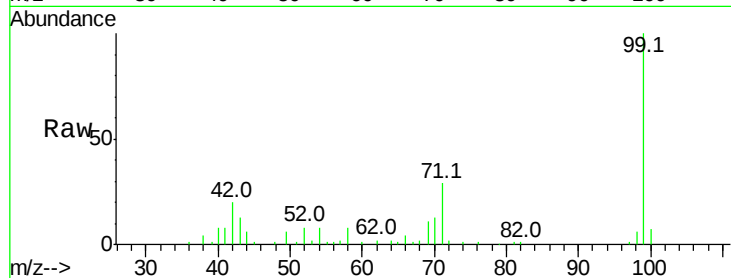
Tot Ion: 99 Resp: 50101

Ion Ratio Lower Upper

99 100

42 20.3 13.5 20.3

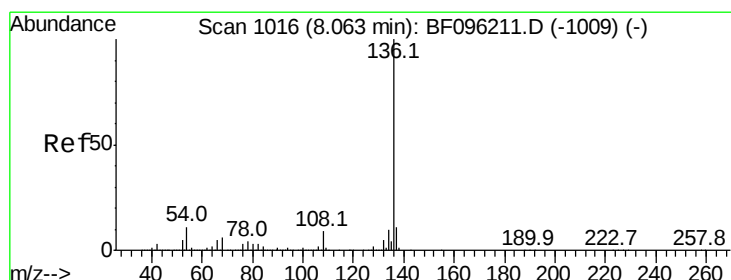
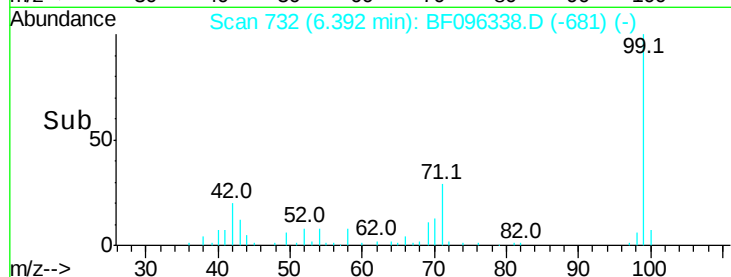
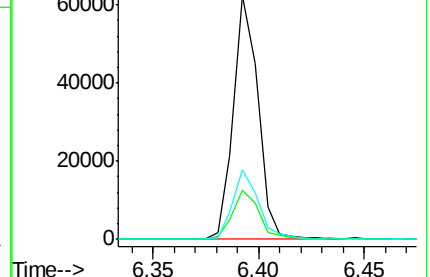
71 28.6 24.5 36.7



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: BF096338.D

Acq: 30 Jun 2017 15:39

Tgt Ion: 136 Resp: 634632

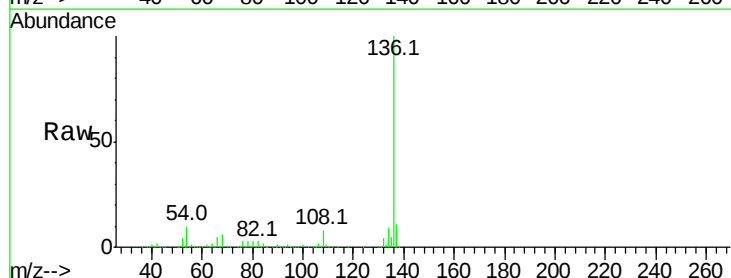
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 9.9 4.9 7.3#

68 6.2 4.1 6.1#

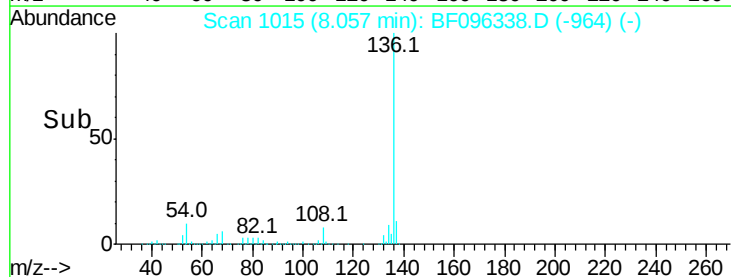
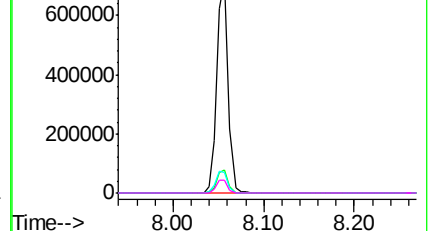


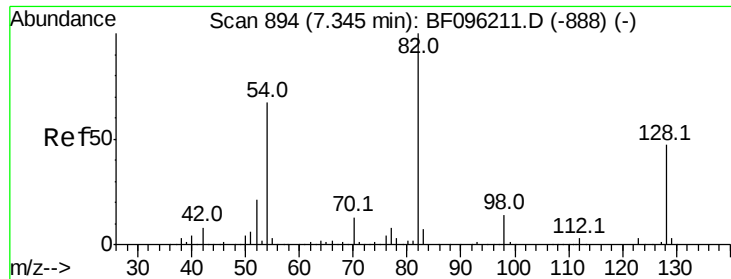
Abundance Ion 136.00 (135.70 to 136.70): E

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

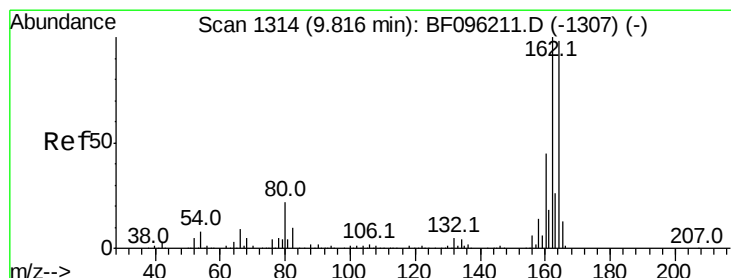
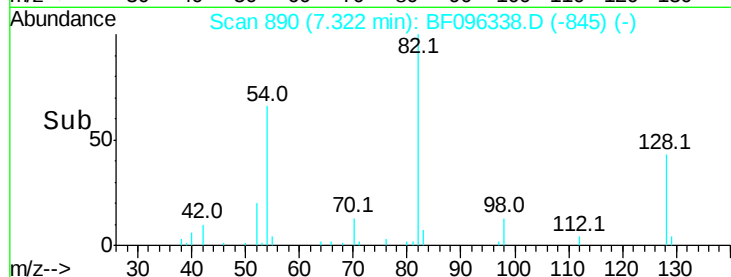
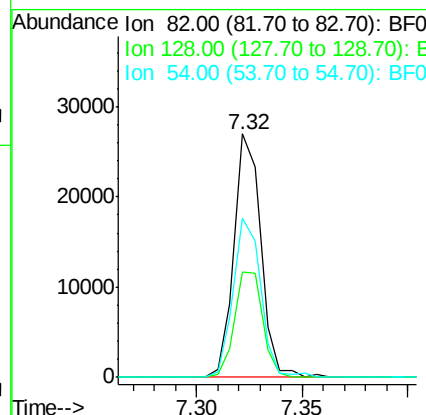
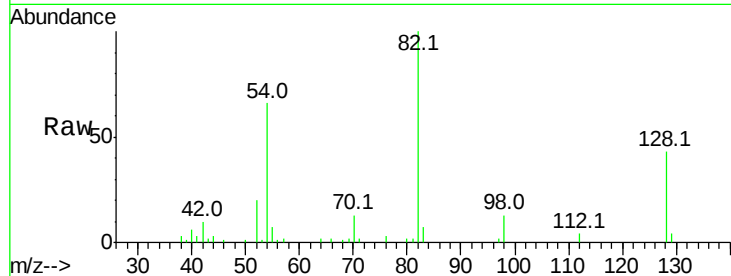




#23
 Nitrobenzene-d5
 Concen: 2.57 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.04 min
 Lab File: BF096338.D
 Acq: 30 Jun 2017 15:39

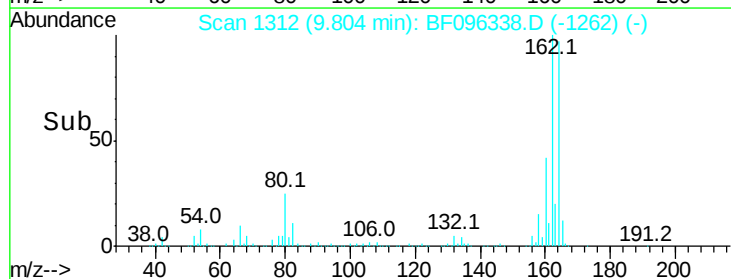
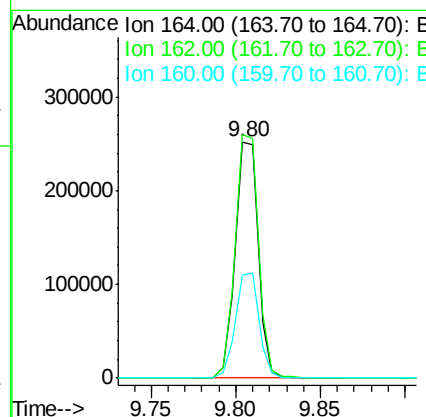
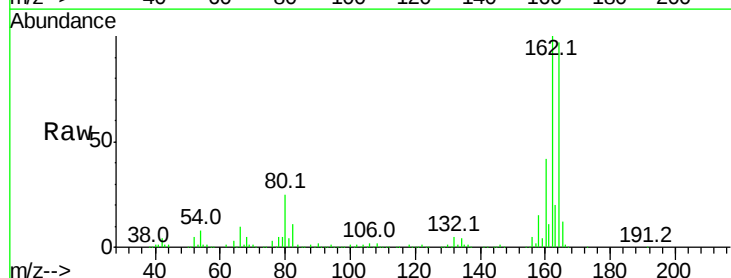
Instrument :
 BNA_F
 ClientSampleId :
 G40-1.5-3

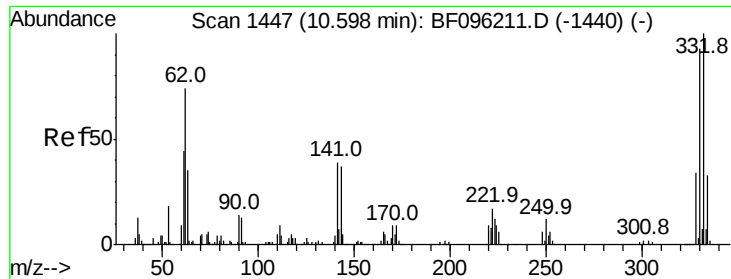
Tot Ion	82	Resp	23518
Ion Ratio	100	Lower	Upper
128	43.1	34.0	51.0
54	65.5	42.2	63.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF096338.D
 Acq: 30 Jun 2017 15:39

Tgt Ion	164	Resp	236480
Ion Ratio	100	Lower	Upper
162	103.2	82.6	123.8
160	43.8	36.2	54.2





#41

2,4,6-Tribromophenol

Concen: 3.81 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BF096338.D

Acq: 30 Jun 2017 15:39

Instrument :

BNA_F

ClientSampleId :

G40-1.5-3

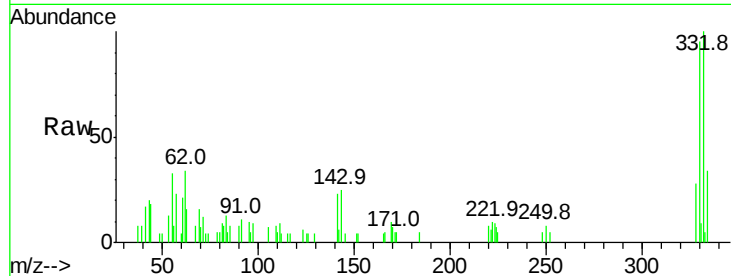
Tot Ion:330 Resp: 7097

Ion Ratio Lower Upper

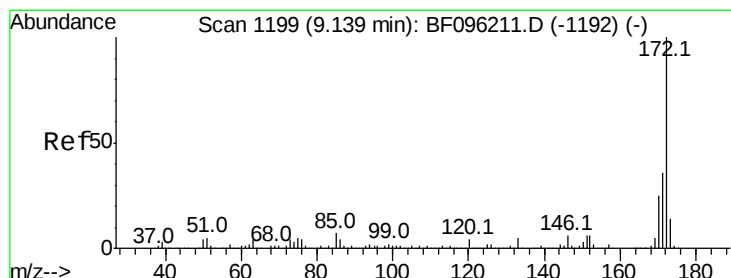
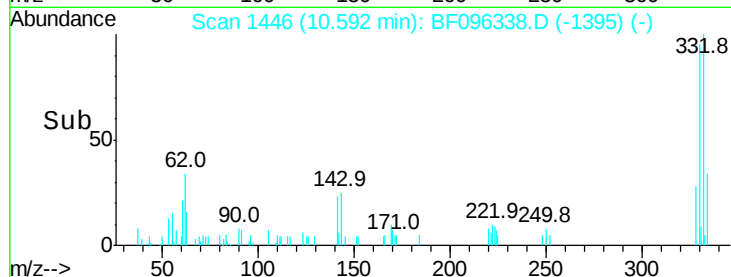
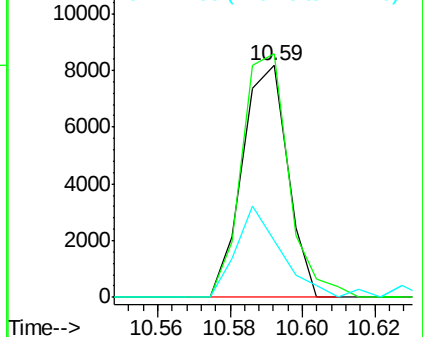
330 100

332 108.6 76.6 115.0

141 38.5 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: 3.74 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BF096338.D

Acq: 30 Jun 2017 15:39

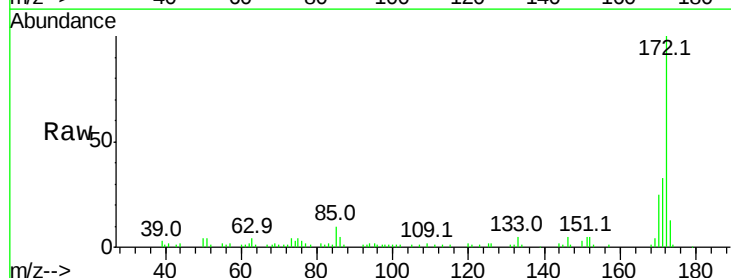
Tgt Ion:172 Resp: 48304

Ion Ratio Lower Upper

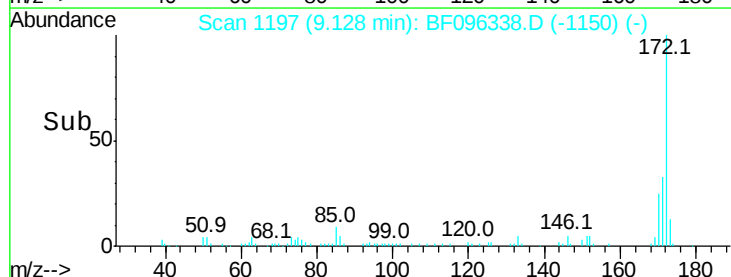
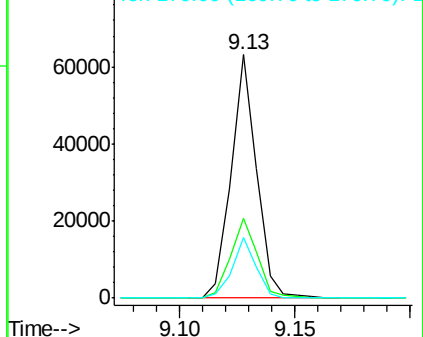
172 100

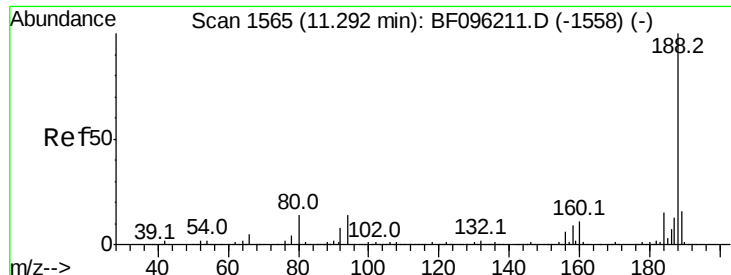
171 32.6 29.6 44.4

170 24.7 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BF096338.D

Acq: 30 Jun 2017 15:39

Instrument :

BNA_F

ClientSampleId :

G40-1.5-3

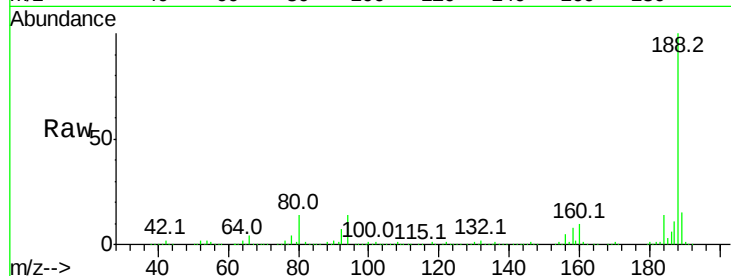
Tot Ion:188 Resp: 354071

Ion Ratio Lower Upper

188 100

94 13.8 9.4 14.2

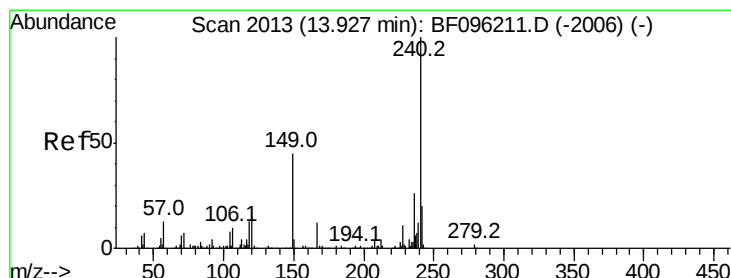
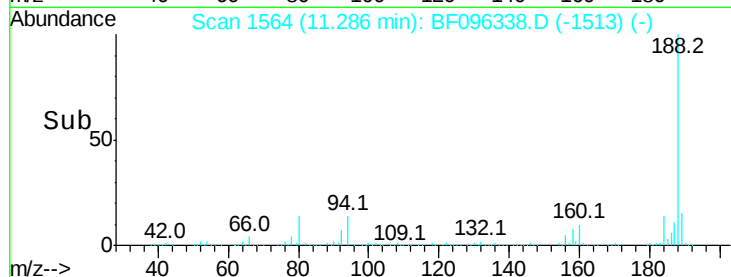
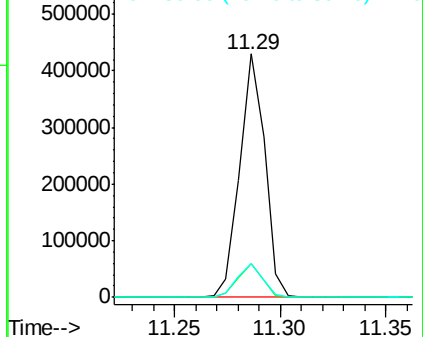
80 14.1 10.2 15.2



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF096338.D

Acq: 30 Jun 2017 15:39

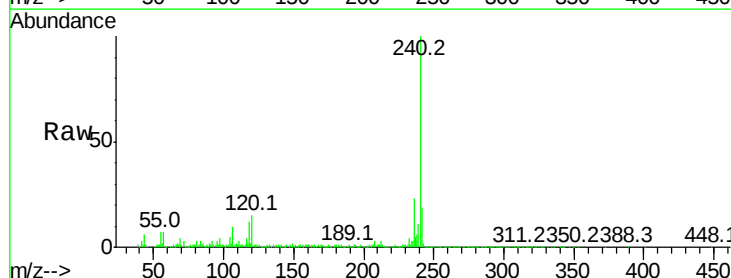
Tgt Ion:240 Resp: 304960

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

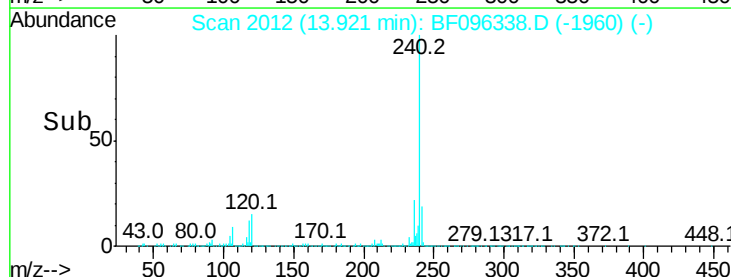
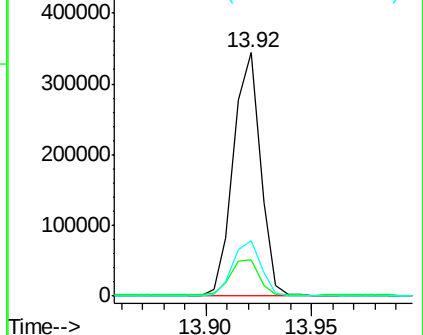
236 22.7 20.5 30.7

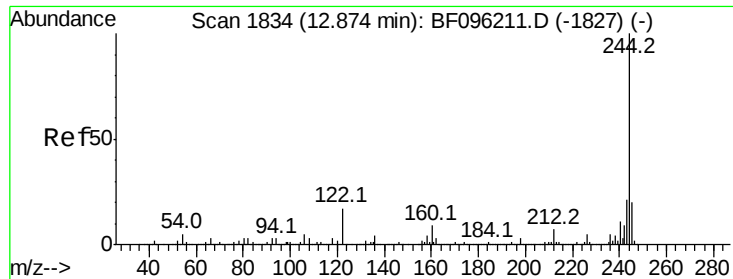


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 2.93 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF096338.D

Acq: 30 Jun 2017 15:39

Instrument :

BNA_F

ClientSampleId :

G40-1.5-3

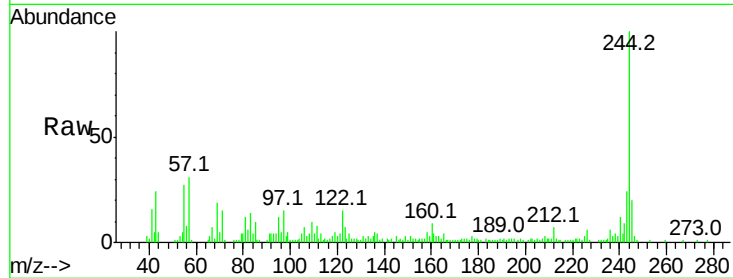
Tot Ion:244 Resp: 35753

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

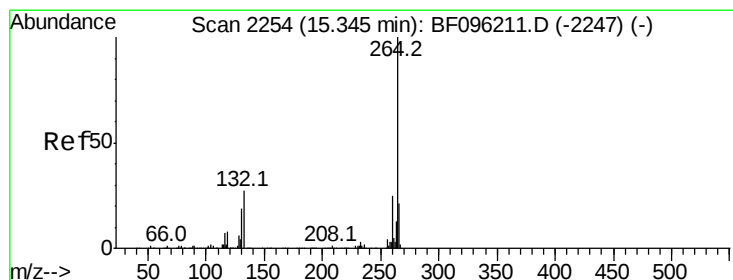
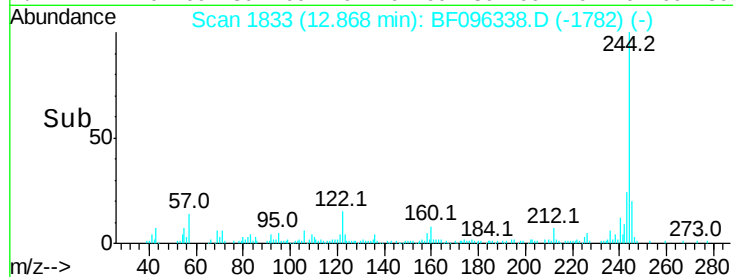
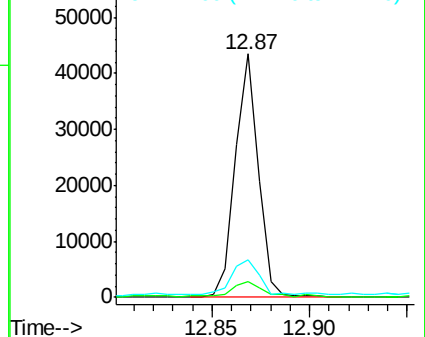
122 15.5 10.3 15.5



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: BF096338.D

Acq: 30 Jun 2017 15:39

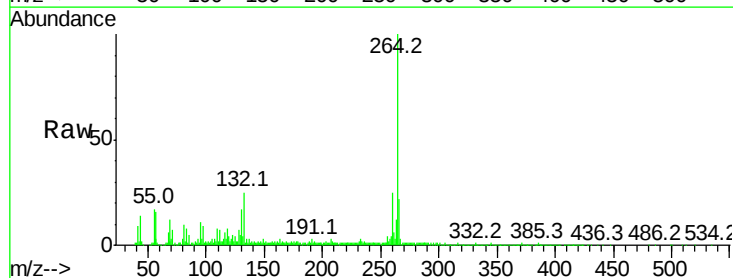
Tgt Ion:264 Resp: 202464

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 21.9 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

