

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
 Data File : BF096331.D
 Acq On : 30 Jun 2017 12:23
 Operator : SJ/MA
 Sample : I3883-08 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G42-1.5-3

Quant Time: Jun 30 18:05:13 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

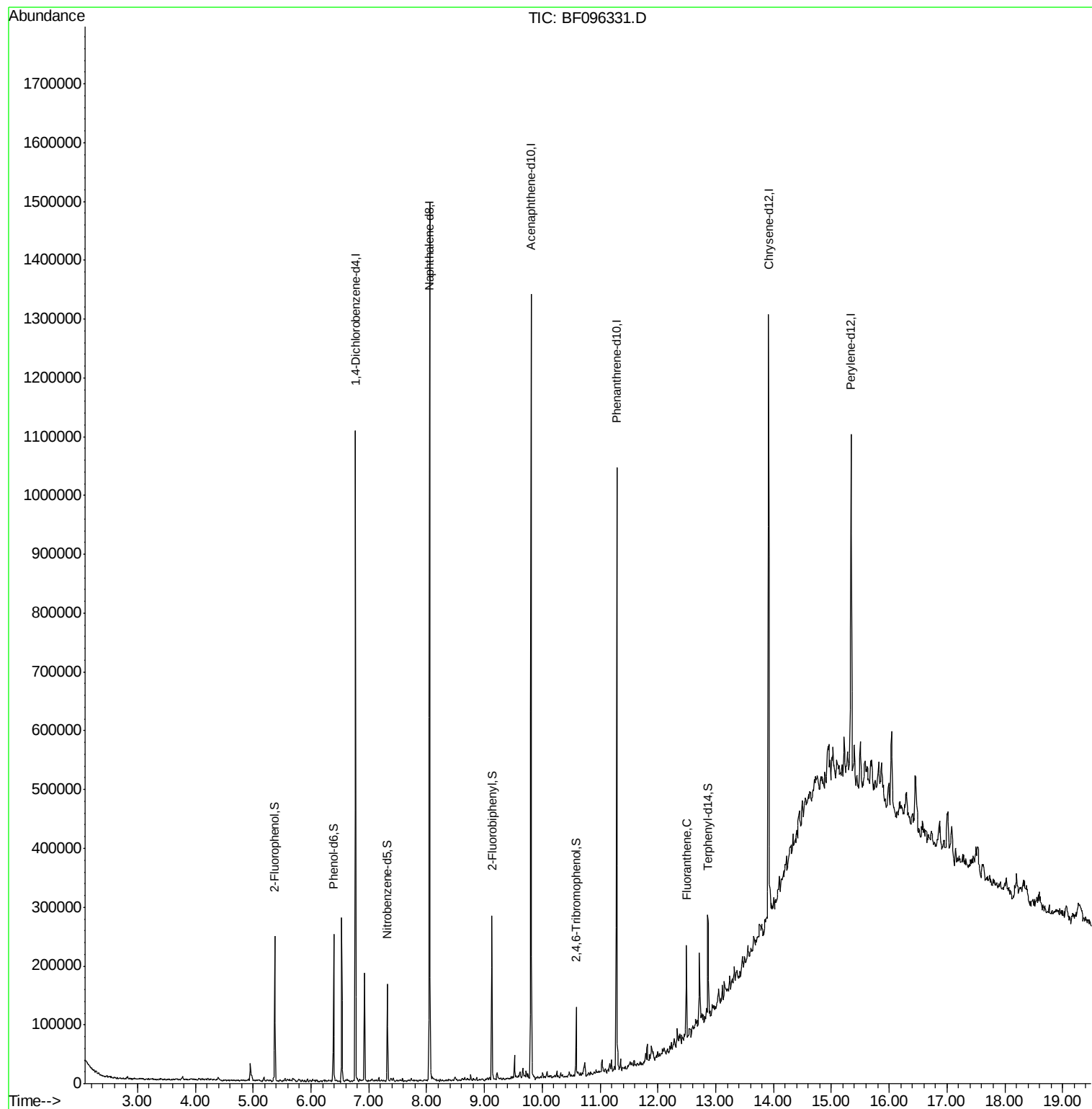
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	149086	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	609067	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	242287	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	341467	20.00	ng	0.00
75) Chrysene-d12	13.92	240	317697	20.00	ng	0.00
86) Perylene-d12	15.34	264	266160	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	61782	5.97	ng	0.00
7) Phenol-d6	6.39	99	76331	6.09	ng	0.00
23) Nitrobenzene-d5	7.32	82	40545	4.61	ng	-0.04
41) 2,4,6-Tribromophenol	10.59	330	12436	6.52	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	78426	5.93	ng	-0.02
78) Terphenyl-d14	12.86	244	48456	3.81	ng	0.00
Target Compounds						
74) Fluoranthene	12.49	202	50586	2.67	ng	Qvalue 96

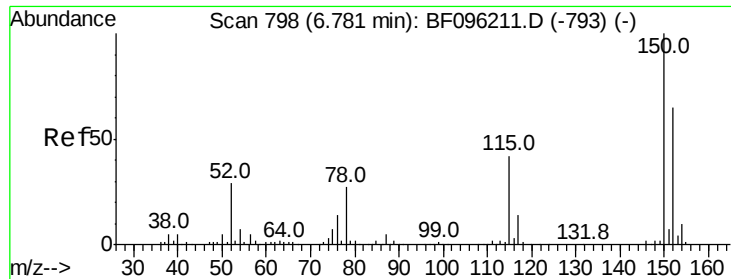
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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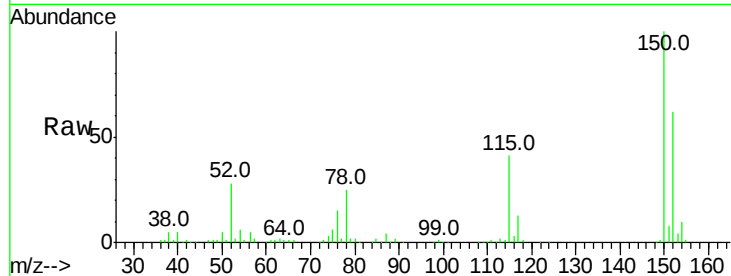


#1

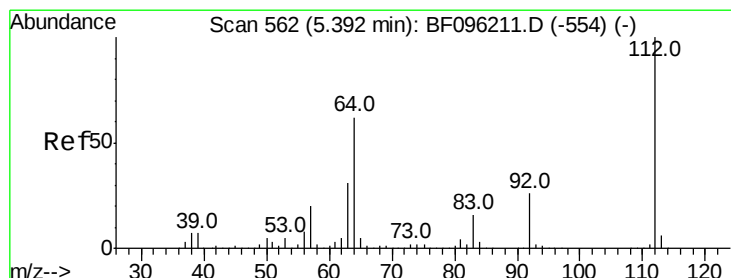
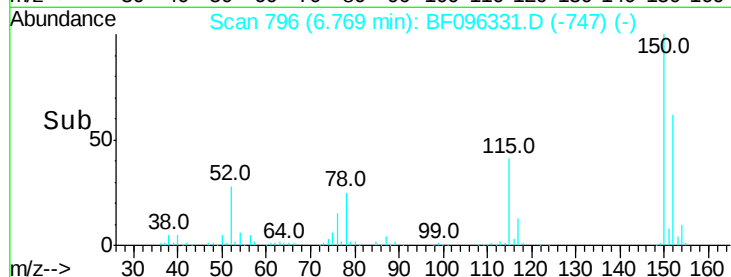
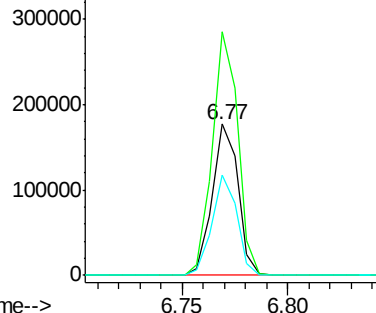
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF096331.D
Acq: 30 Jun 2017 12:23

Instrument :
BNA_F
ClientSampleId :
G42-1.5-3

Tot Ion:152 Resp: 149086
Ion Ratio Lower Upper
152 100
150 160.8 126.2 189.2
115 66.5 52.2 78.2



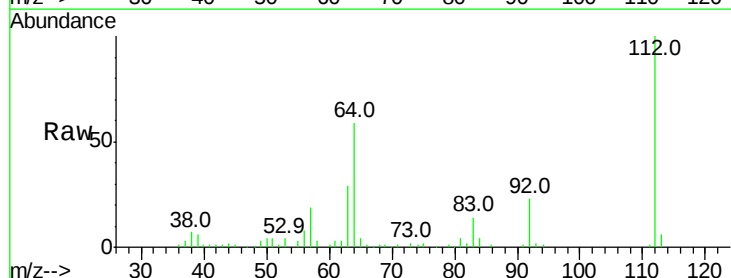
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



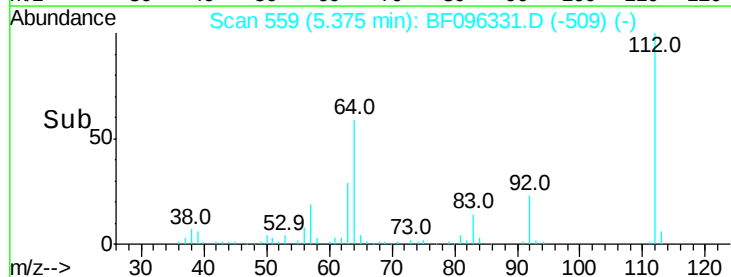
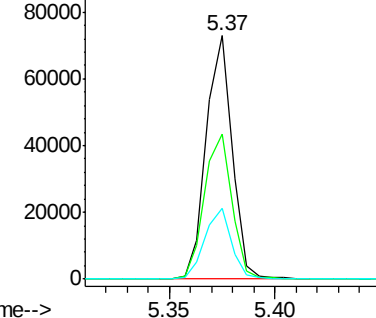
#5

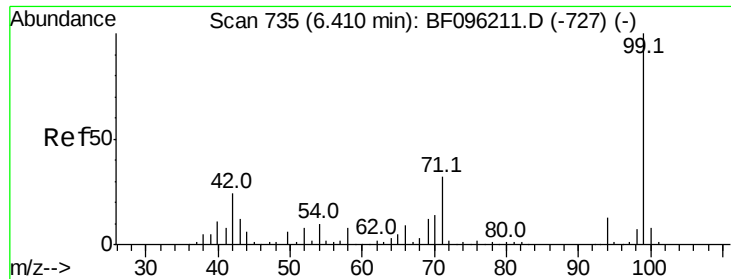
2-Fluorophenol
Concen: 5.97 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF096331.D
Acq: 30 Jun 2017 12:23

Tgt Ion:112 Resp: 61782
Ion Ratio Lower Upper
112 100
64 59.4 46.0 69.0
63 29.0 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: 6.09 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF096331.D

Acq: 30 Jun 2017 12:23

Instrument :

BNA_F

ClientSampleId :

G42-1.5-3

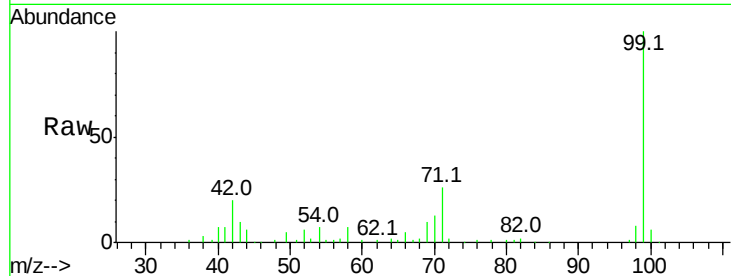
Tot Ion: 99 Resp: 76331

Ion Ratio Lower Upper

99 100

42 19.6 13.5 20.3

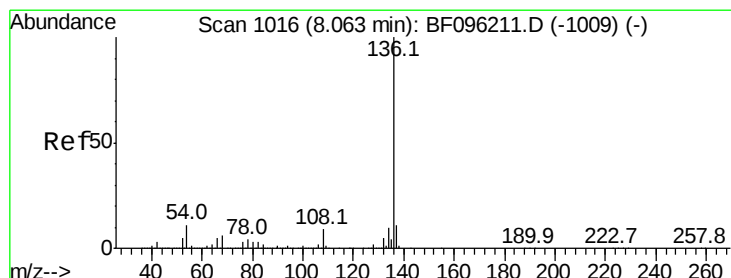
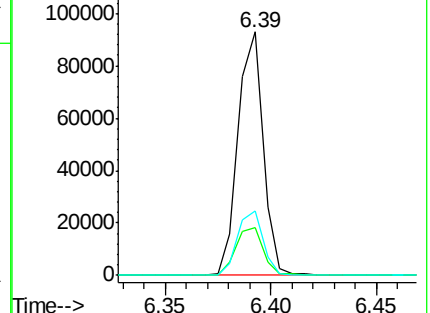
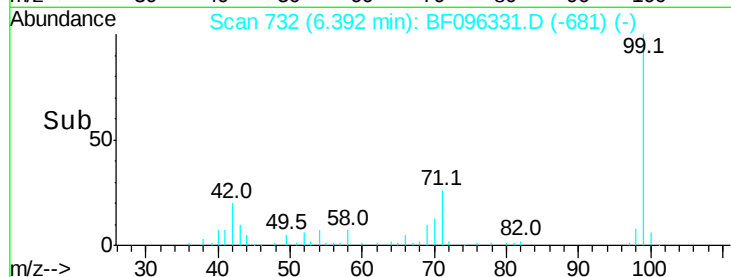
71 26.2 24.5 36.7



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: BF096331.D

Acq: 30 Jun 2017 12:23

Tgt Ion: 136 Resp: 609067

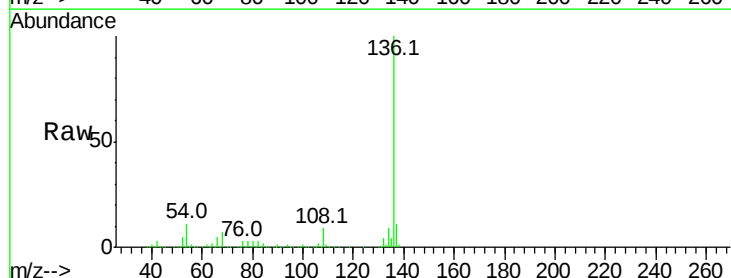
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 11.2 4.9 7.3#

68 6.6 4.1 6.1#

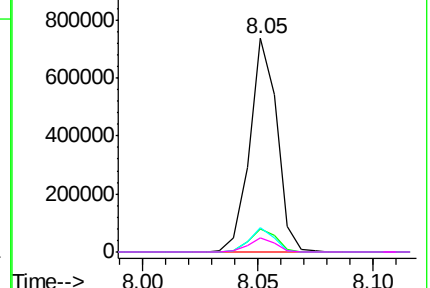
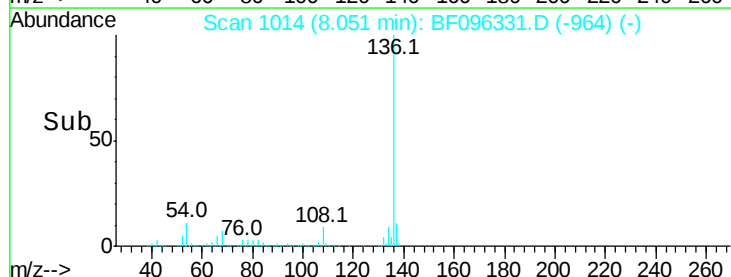


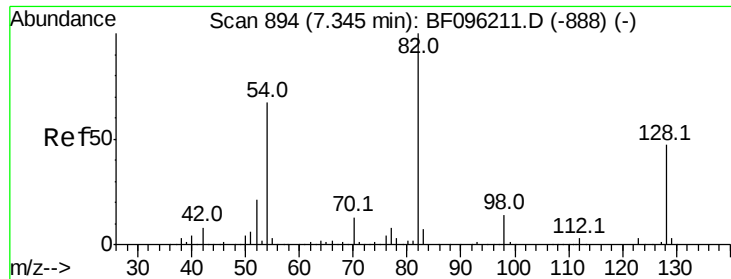
Abundance Ion 136.00 (135.70 to 136.70): E

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

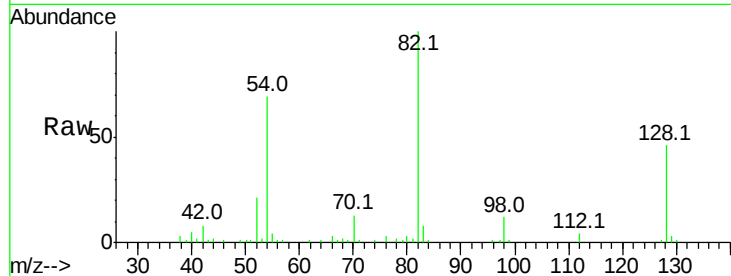




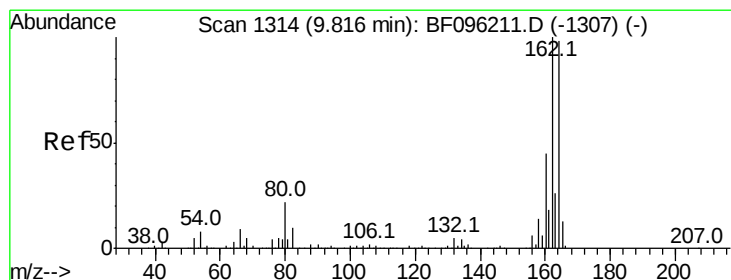
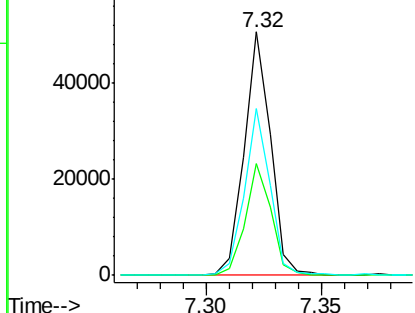
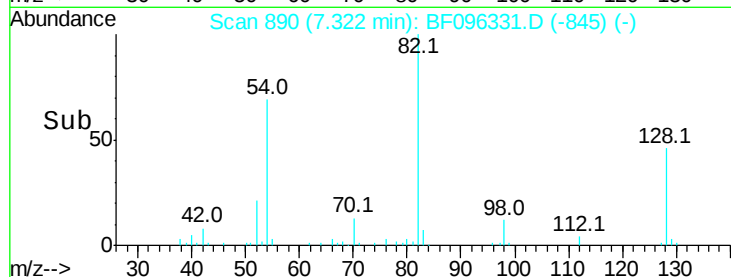
#23
Nitrobenzene-d5
Concen: 4.61 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.04 min
Lab File: BF096331.D
Acq: 30 Jun 2017 12:23

Instrument :
BNA_F
ClientSampleId :
G42-1.5-3

Tot Ion: 82 Resp: 40545
Ion Ratio Lower Upper
82 100
128 46.0 34.0 51.0
54 68.6 42.2 63.2#

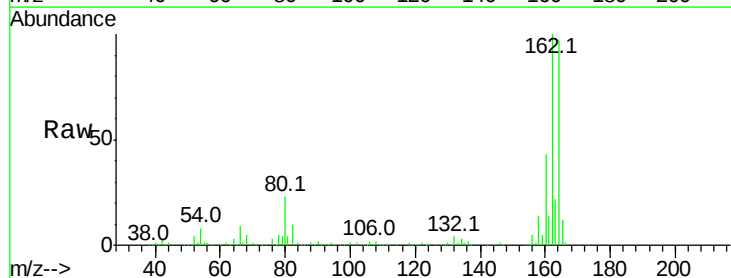


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

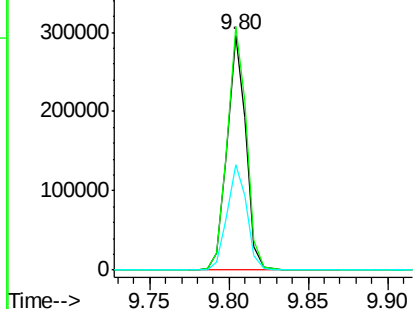
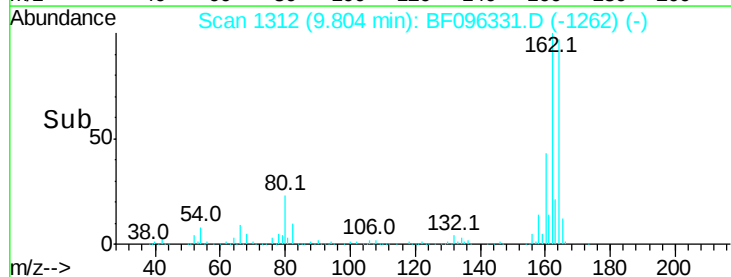


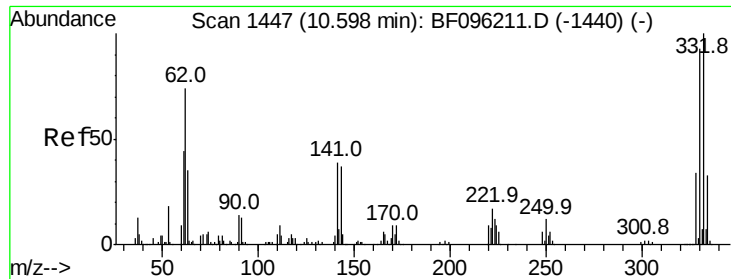
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF096331.D
Acq: 30 Jun 2017 12:23

Tgt Ion:164 Resp: 242287
Ion Ratio Lower Upper
164 100
162 103.5 82.6 123.8
160 44.6 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: 6.52 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF096331.D

Acq: 30 Jun 2017 12:23

Instrument :

BNA_F

ClientSampleId :

G42-1.5-3

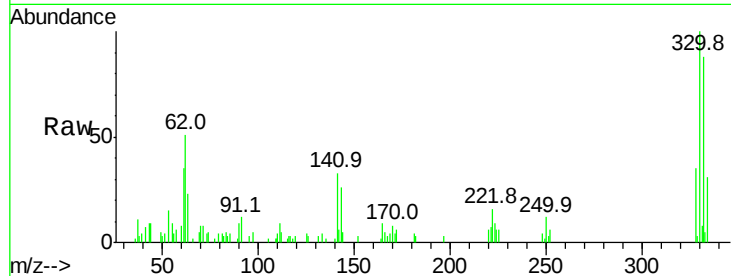
Tot Ion:330 Resp: 12436

Ion Ratio Lower Upper

330 100

332 91.1 76.6 115.0

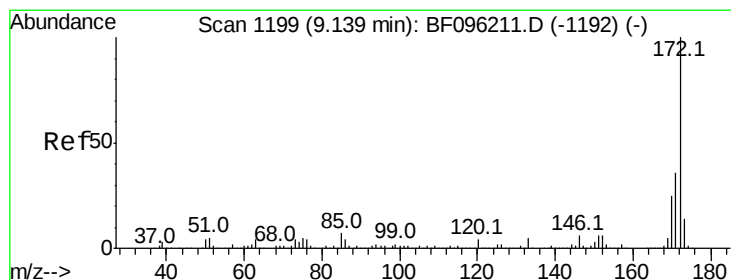
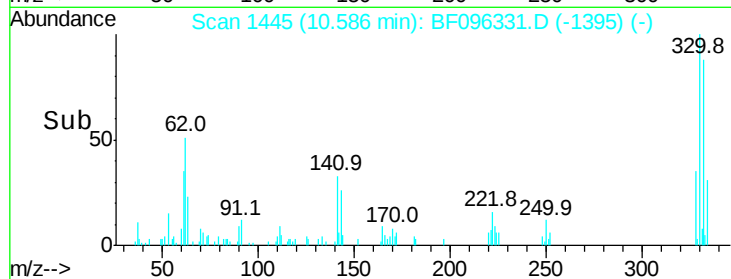
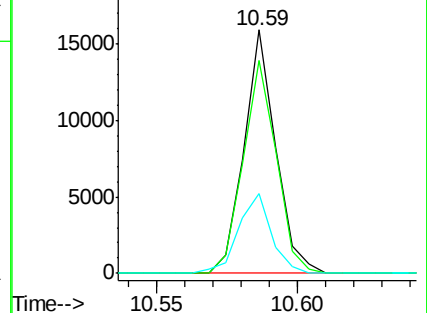
141 34.0 31.4 47.2



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: 5.93 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BF096331.D

Acq: 30 Jun 2017 12:23

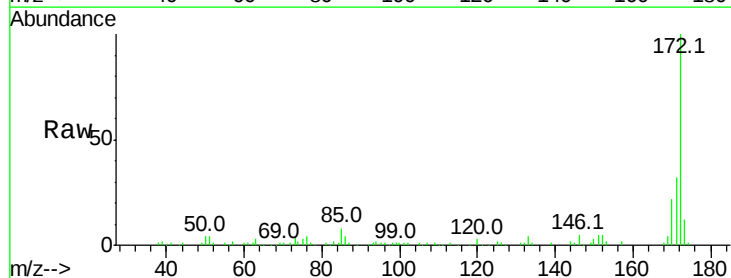
Tgt Ion:172 Resp: 78426

Ion Ratio Lower Upper

172 100

171 32.5 29.6 44.4

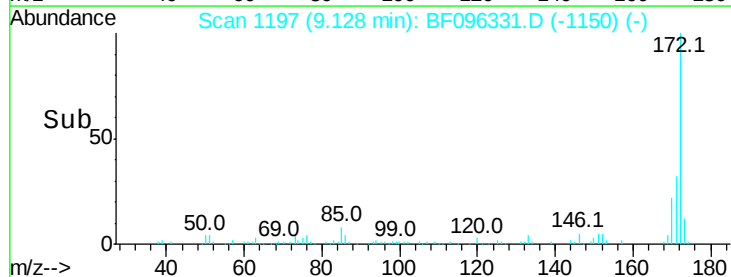
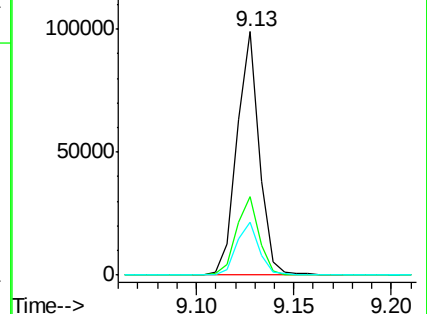
170 21.6 19.8 29.8

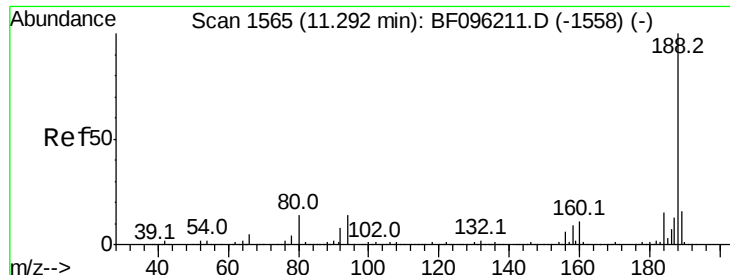


Abundance Ion 172.00 (171.70 to 172.70): E

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: BF096331.D

Acq: 30 Jun 2017 12:23

Instrument :

BNA_F

ClientSampled :

G42-1.5-3

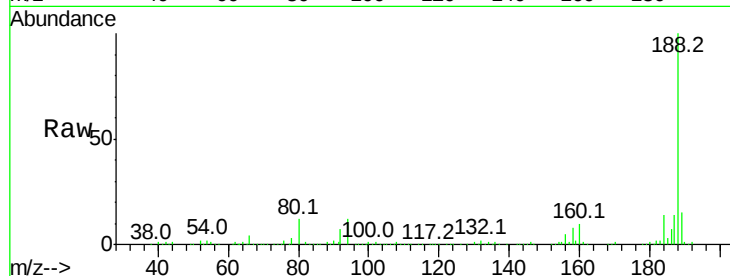
Tot Ion:188 Resp: 341467

Ion Ratio Lower Upper

188 100

94 12.2 9.4 14.2

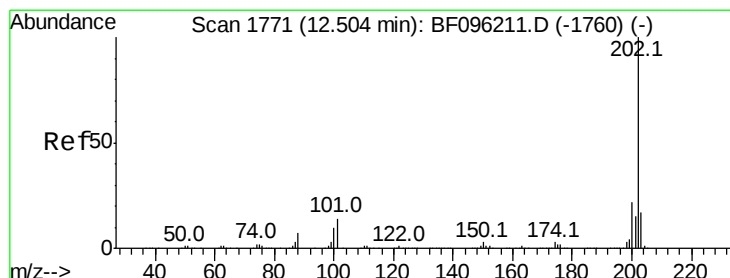
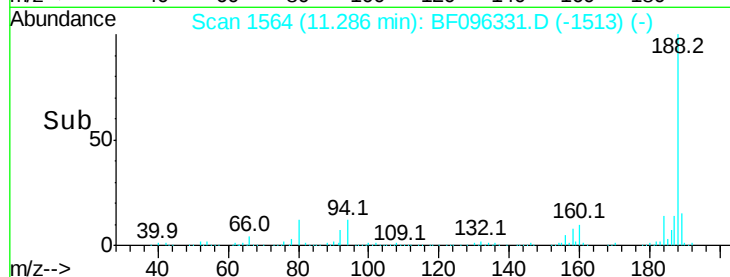
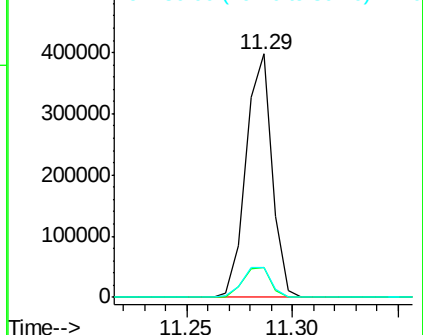
80 12.3 10.2 15.2



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: 2.67 ng

RT: 12.49 min Scan# 1769

Delta R.T. -0.00 min

Lab File: BF096331.D

Acq: 30 Jun 2017 12:23

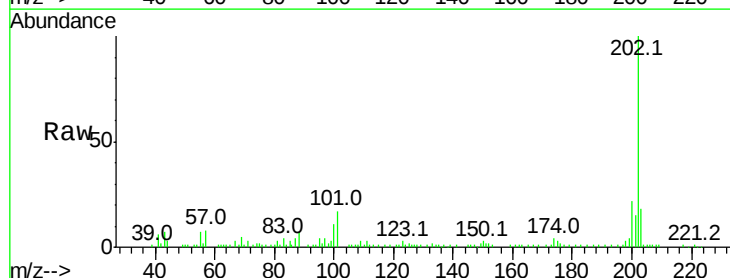
Tgt Ion:202 Resp: 50586

Ion Ratio Lower Upper

202 100

101 16.9 0.0 33.2

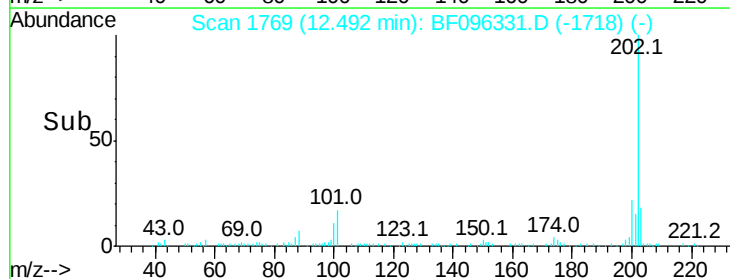
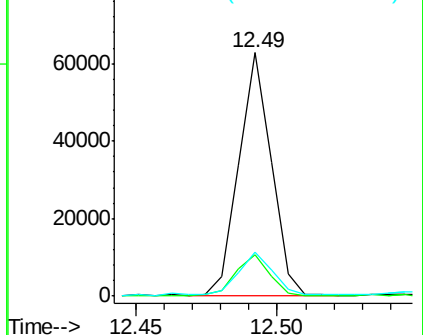
203 18.3 0.0 38.1

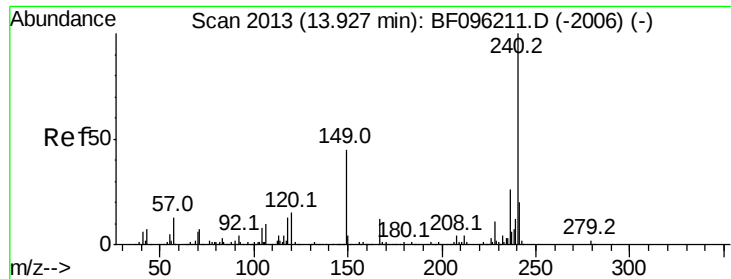


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2011

Delta R.T. -0.00 min

Lab File: BF096331.D

Acq: 30 Jun 2017 12:23

Instrument :

BNA_F

ClientSampleId :

G42-1.5-3

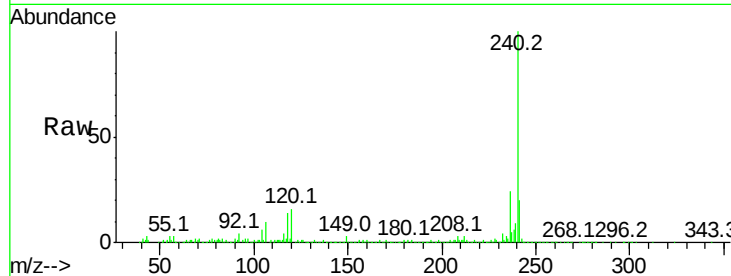
Tot Ion:240 Resp: 317697

Ion Ratio Lower Upper

240 100

120 15.6 5.8 8.8#

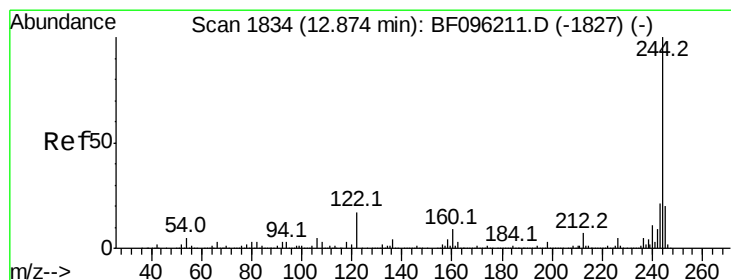
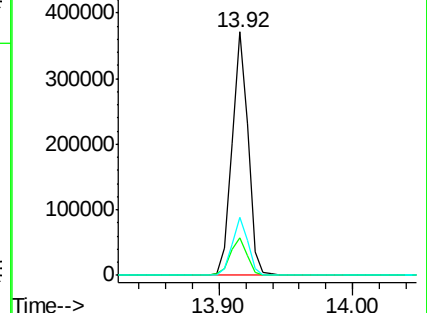
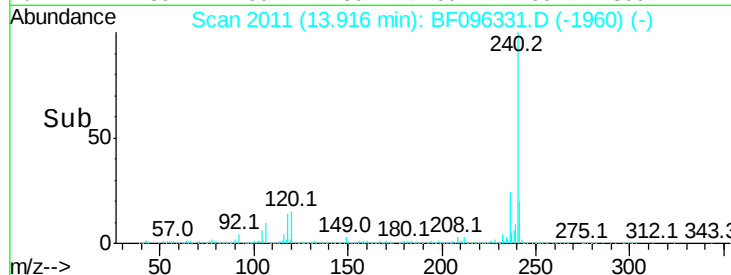
236 23.9 20.5 30.7



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: 3.81 ng

RT: 12.86 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BF096331.D

Acq: 30 Jun 2017 12:23

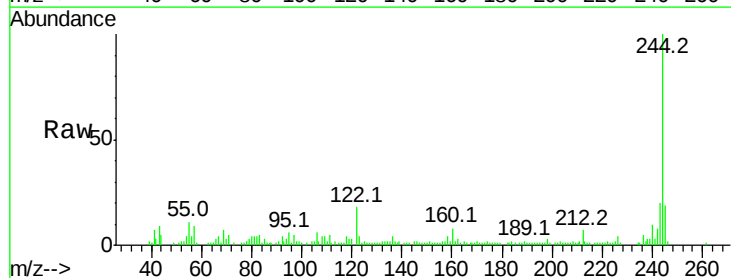
Tgt Ion:244 Resp: 48456

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

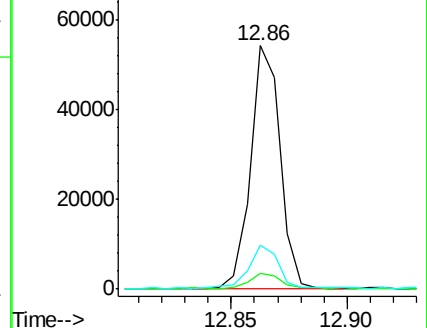
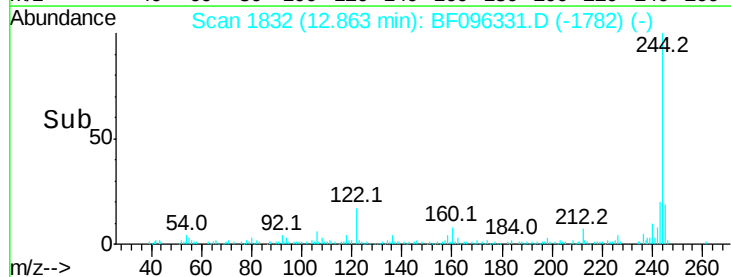
122 17.9 10.3 15.5#

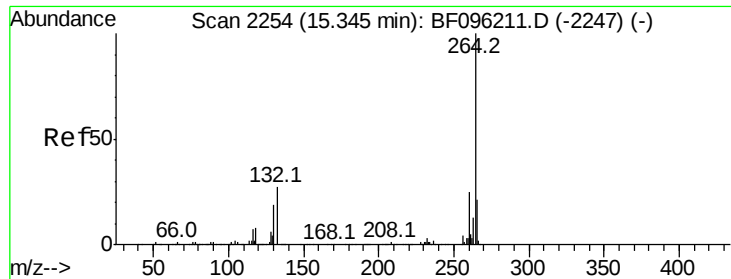


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.01 min
Lab File: BF096331.D
Acq: 30 Jun 2017 12:23

Instrument :
BNA_F
ClientSampleId :
G42-1.5-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	20.9	17.2	25.8

