

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
 Data File : BF096359.D
 Acq On : 1 Jul 2017 1:56
 Operator : SJ/MA
 Sample : I3930-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2-12.5-15

Quant Time: Jul 01 02:21:06 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

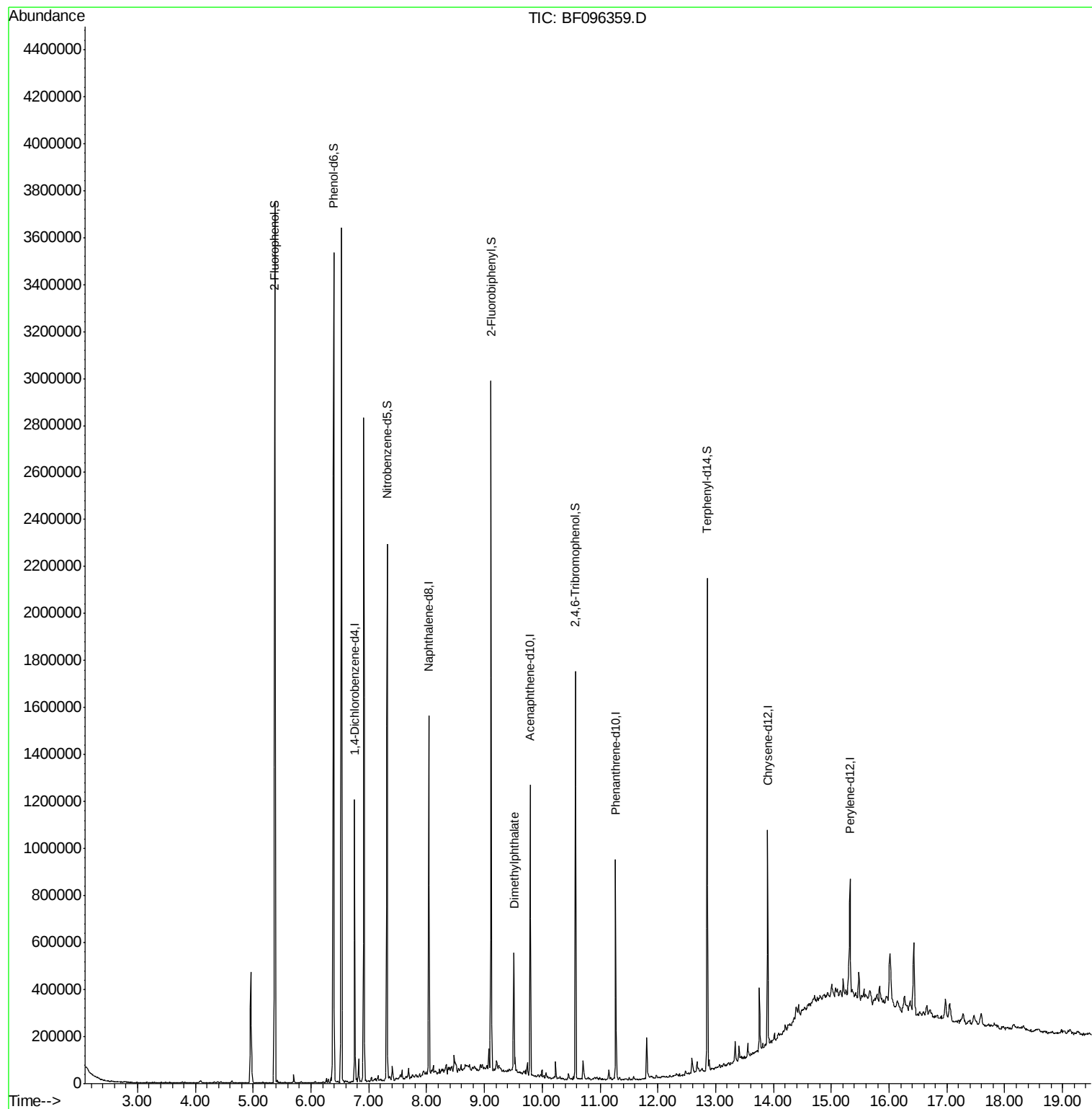
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	157975	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	611066	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	219506	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	331520	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	327084	20.00	ng	-0.01
86) Perylene-d12	15.32	264	218654	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1107970	101.04	ng	0.00
7) Phenol-d6	6.39	99	1338582	100.82	ng	0.00
23) Nitrobenzene-d5	7.32	82	730231	82.73	ng	-0.04
41) 2,4,6-Tribromophenol	10.57	330	207661	120.21	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	910526	75.97	ng	-0.03
78) Terphenyl-d14	12.86	244	621541	47.42	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.51	163	198263	12.62	ng	99

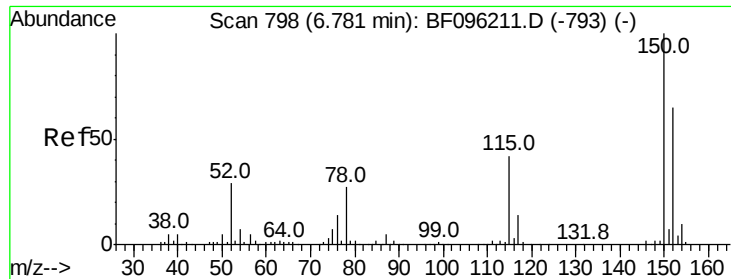
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.02 min

Lab File: BF096359.D

Acq: 1 Jul 2017 1:56

Instrument :

BNA_F

ClientSampleId :

B2-12.5-15

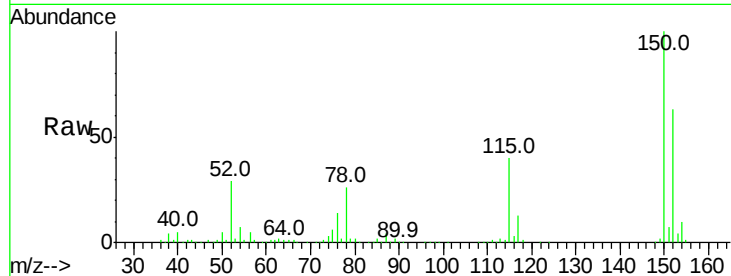
Tot Ion:152 Resp: 157975

Ion Ratio Lower Upper

152 100

150 158.5 126.2 189.2

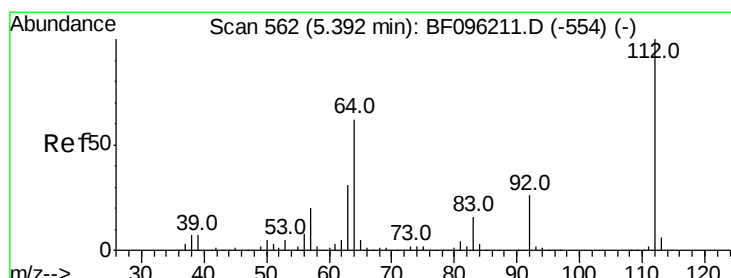
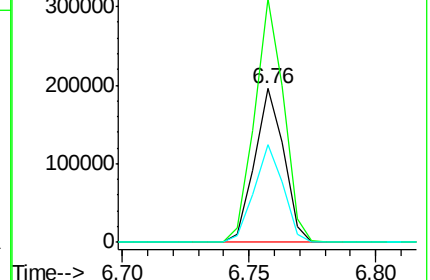
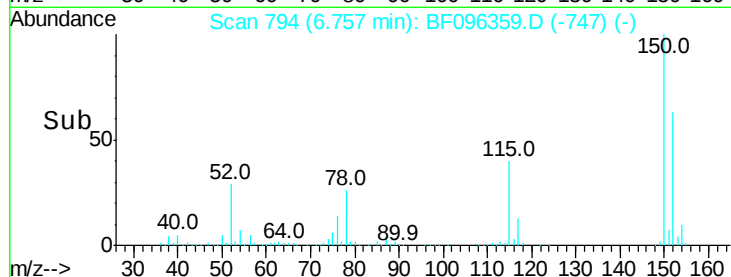
115 63.9 52.2 78.2



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: 101.04 ng

RT: 5.37 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF096359.D

Acq: 1 Jul 2017 1:56

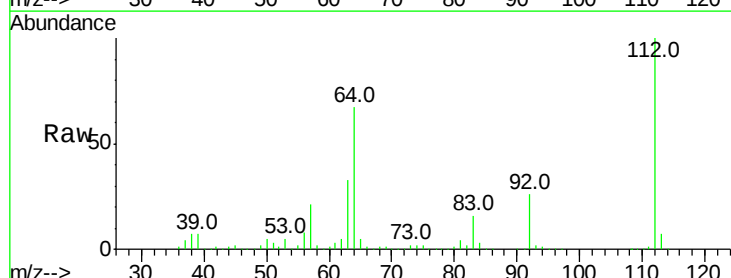
Tgt Ion:112 Resp: 1107970

Ion Ratio Lower Upper

112 100

64 67.0 46.0 69.0

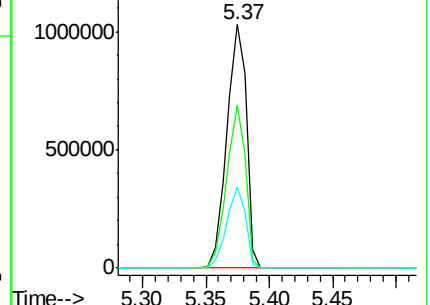
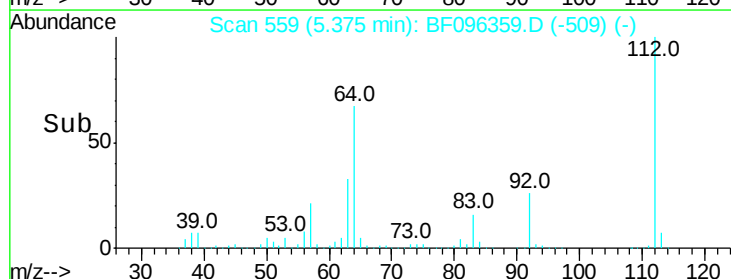
63 33.3 23.4 35.0

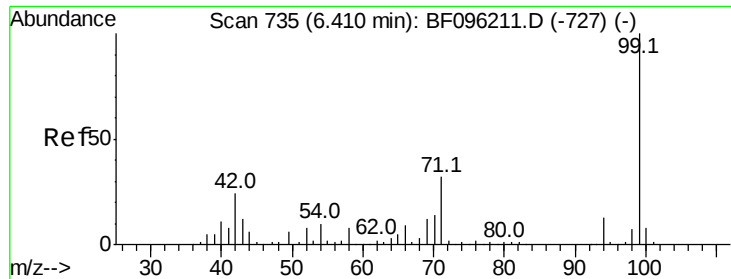


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 100.82 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF096359.D

Acq: 1 Jul 2017 1:56

Instrument :

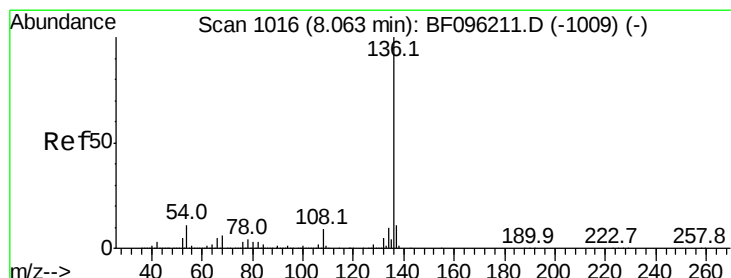
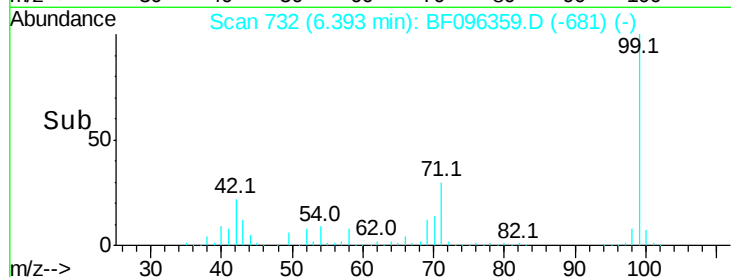
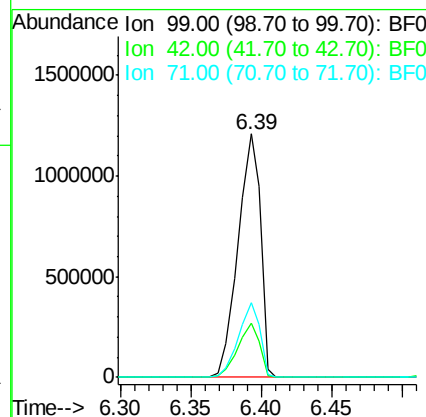
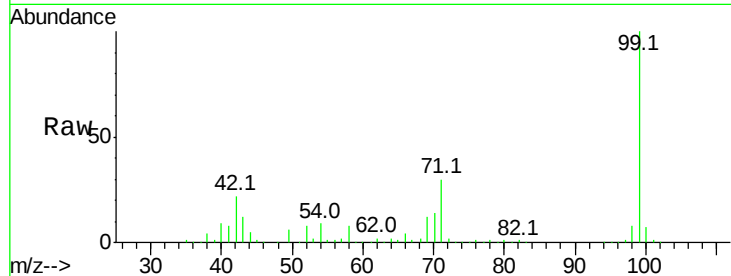
BNA_F

ClientSampleId :

B2-12.5-15

Tot Ion: 99 Resp: 1338582

Ion	Ratio	Lower	Upper
99	100		
42	22.4	13.5	20.3#
71	30.4	24.5	36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 1012

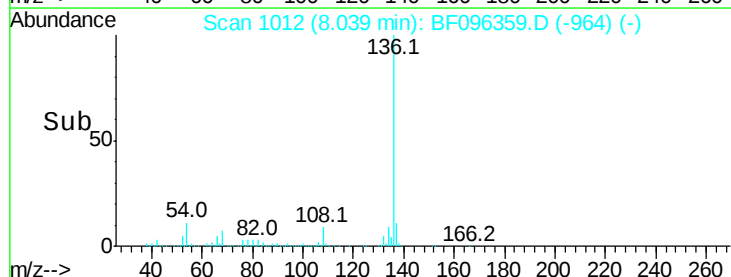
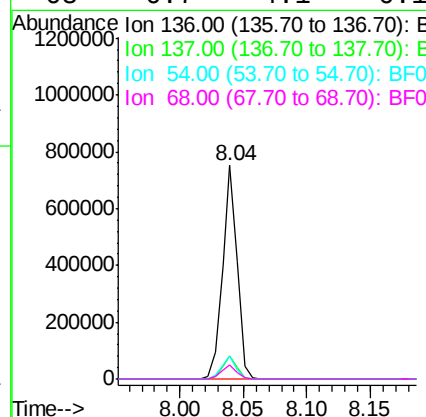
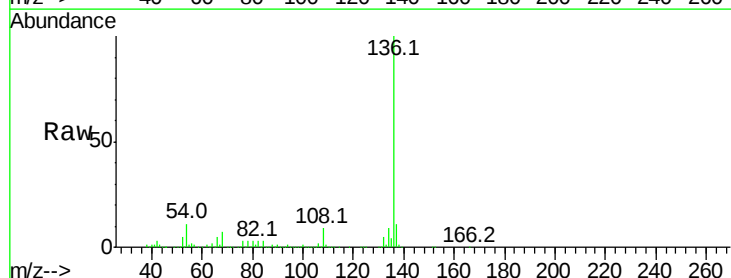
Delta R.T. -0.02 min

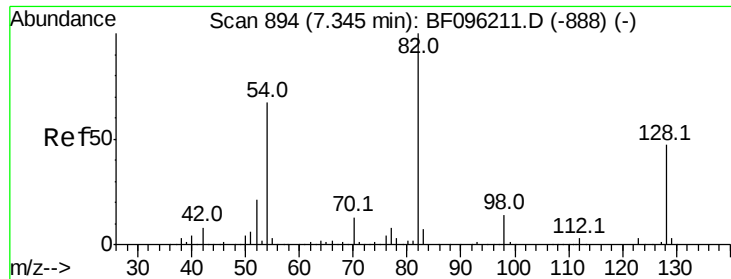
Lab File: BF096359.D

Acq: 1 Jul 2017 1:56

Tgt Ion: 136 Resp: 611066

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.6	4.9	7.3#
68	6.7	4.1	6.1#

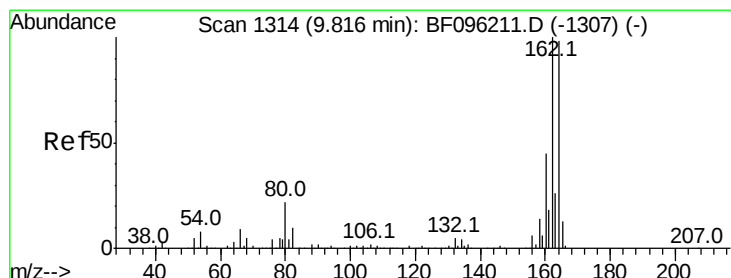
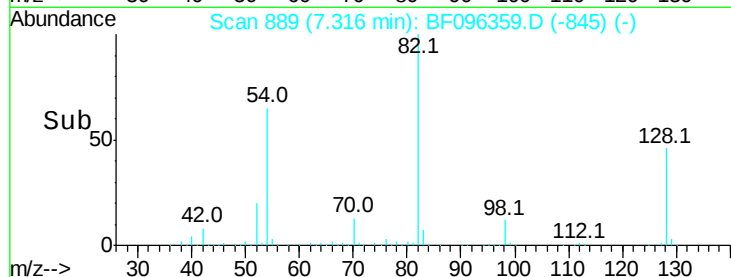
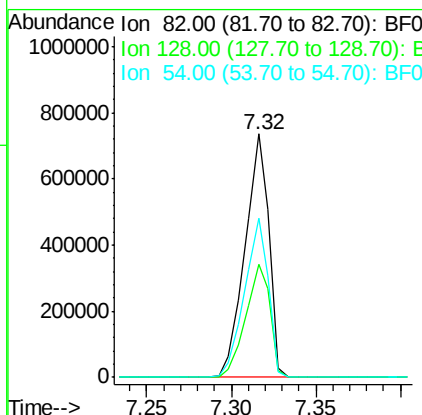
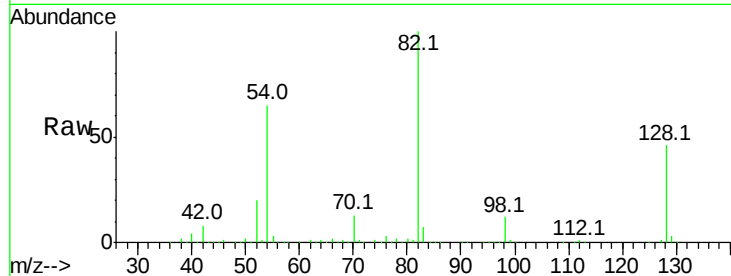




#23
 Nitrobenzene-d5
 Concen: 82.73 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.04 min
 Lab File: BF096359.D
 Acq: 1 Jul 2017 1:56

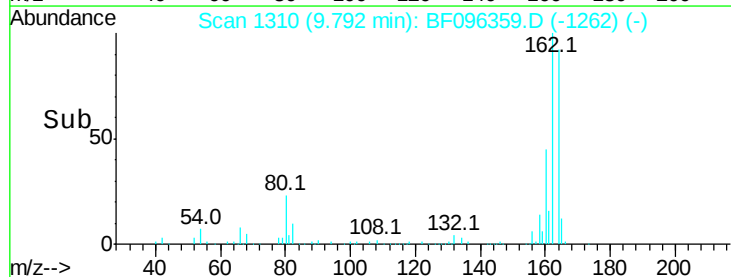
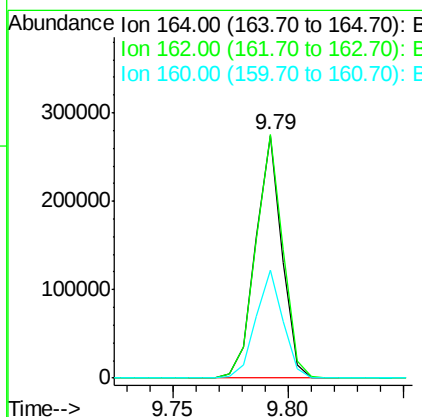
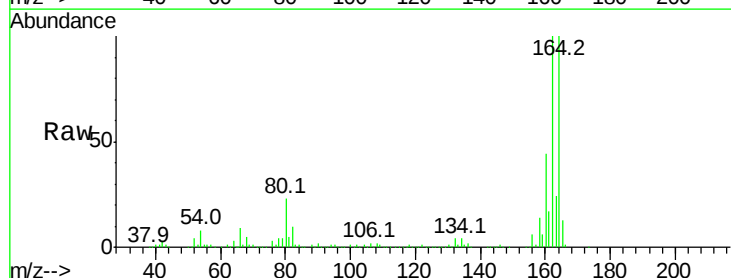
Instrument :
 BNA_F
 ClientSampleID :
 B2-12.5-15

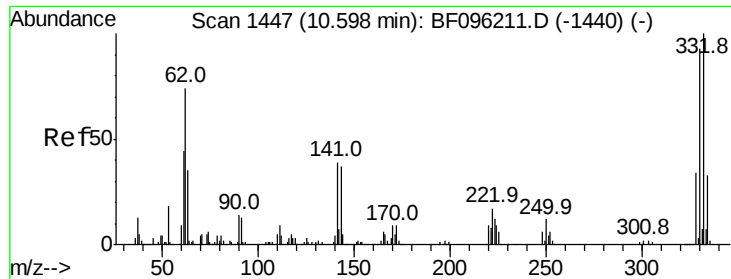
Tot Ion: 82 Resp: 730231
 Ion Ratio Lower Upper
 82 100
 128 46.2 34.0 51.0
 54 65.4 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.02 min
 Lab File: BF096359.D
 Acq: 1 Jul 2017 1:56

Tgt Ion:164 Resp: 219506
 Ion Ratio Lower Upper
 164 100
 162 100.3 82.6 123.8
 160 44.5 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 120.21 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.02 min

Lab File: BF096359.D

Acq: 1 Jul 2017 1:56

Instrument :

BNA_F

ClientSampleId :

B2-12.5-15

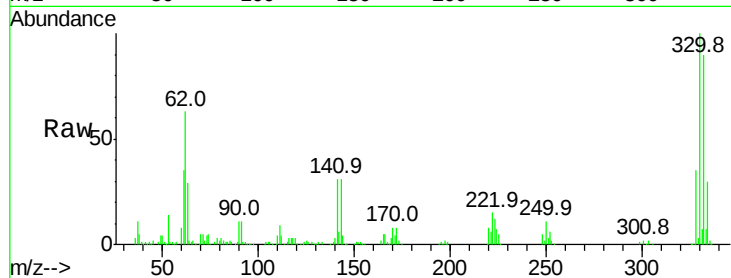
Tot Ion:330 Resp: 207661

Ion Ratio Lower Upper

330 100

332 94.3 76.6 115.0

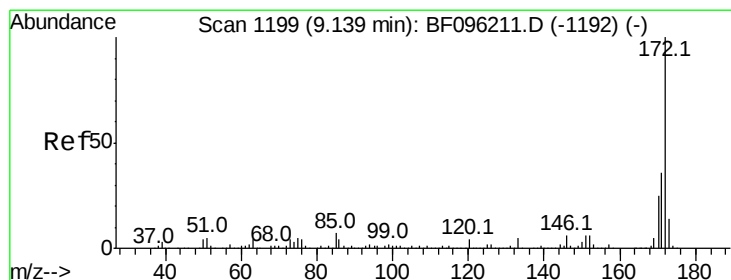
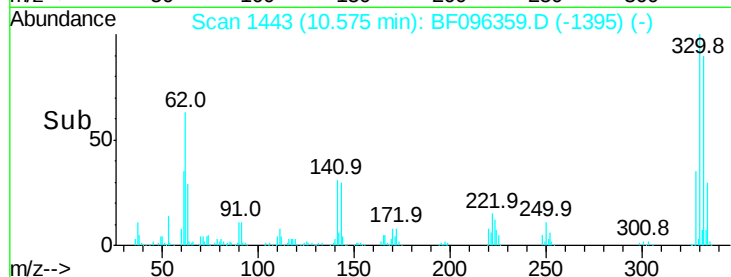
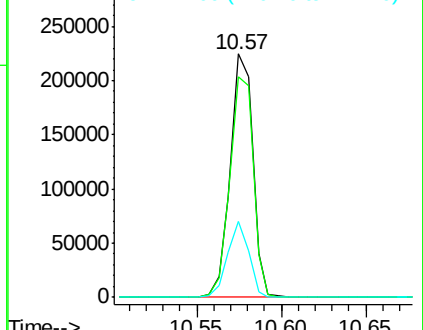
141 29.5 31.4 47.2#



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: 75.97 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.03 min

Lab File: BF096359.D

Acq: 1 Jul 2017 1:56

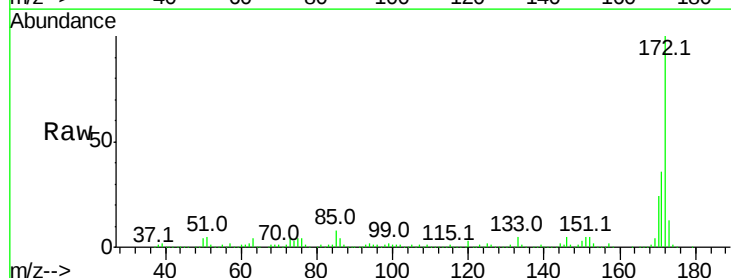
Tgt Ion:172 Resp: 910526

Ion Ratio Lower Upper

172 100

171 35.9 29.6 44.4

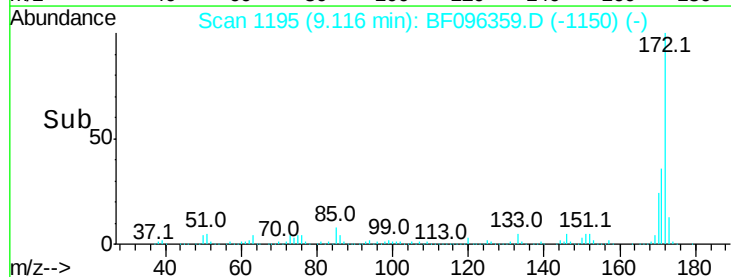
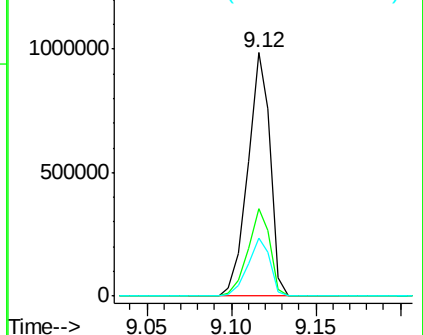
170 23.7 19.8 29.8

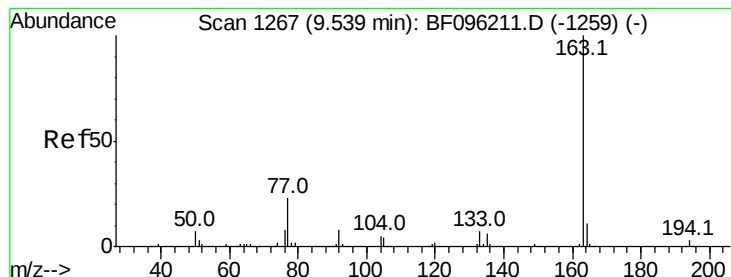


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 12.62 ng

RT: 9.51 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BF096359.D

Acq: 1 Jul 2017 1:56

Instrument :

BNA_F

ClientSampleId :

B2-12.5-15

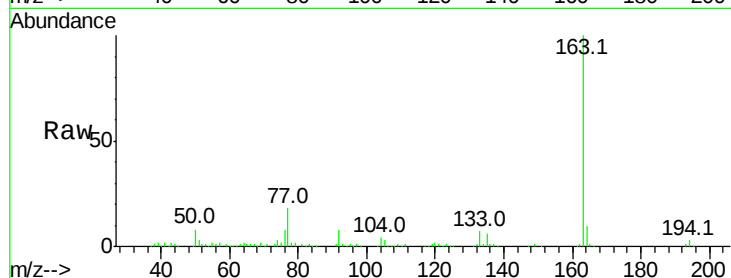
Tot Ion:163 Resp: 198263

Ion Ratio Lower Upper

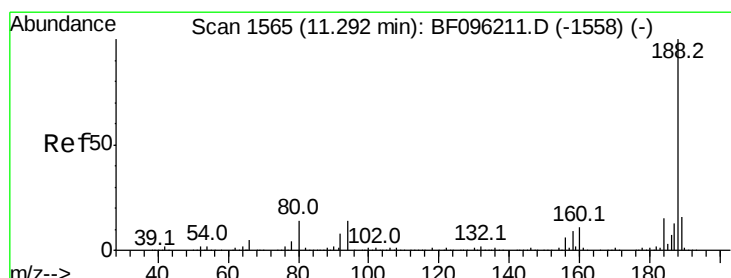
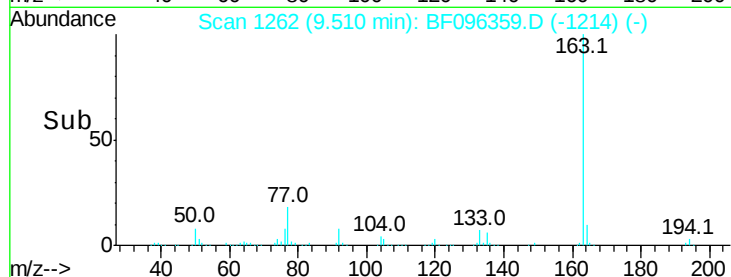
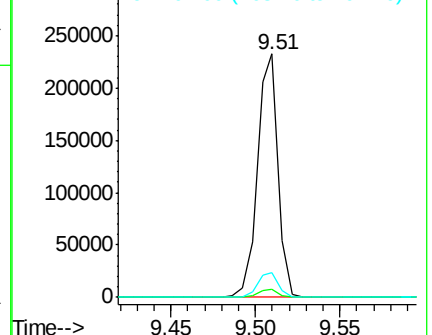
163 100

194 3.4 2.6 4.0

164 10.1 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: 11.27 min Scan# 1561

Delta R.T. -0.02 min

Lab File: BF096359.D

Acq: 1 Jul 2017 1:56

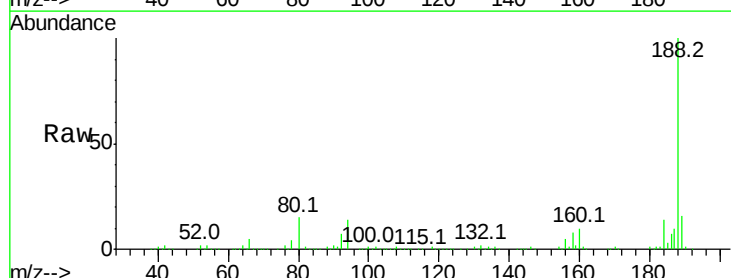
Tgt Ion:188 Resp: 331520

Ion Ratio Lower Upper

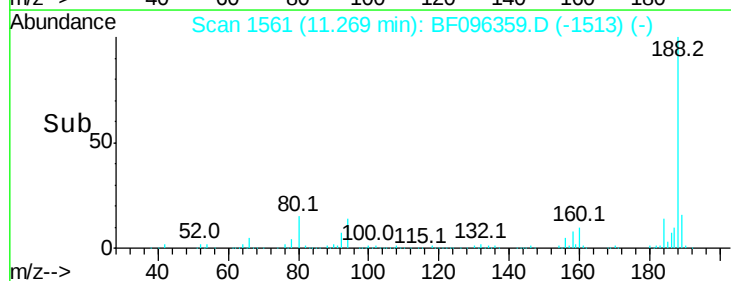
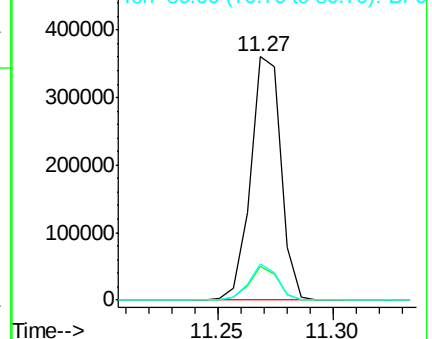
188 100

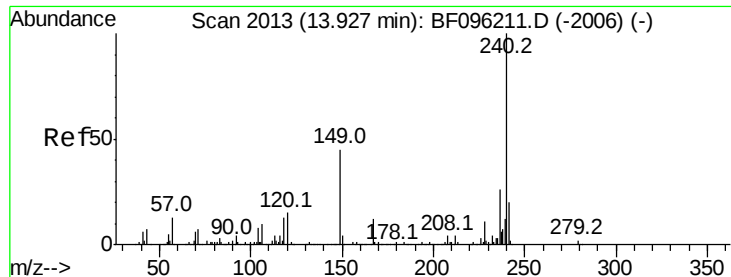
94 13.8 9.4 14.2

80 14.6 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: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF096359.D

Acq: 1 Jul 2017 1:56

Instrument :

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ClientSampleId :

B2-12.5-15

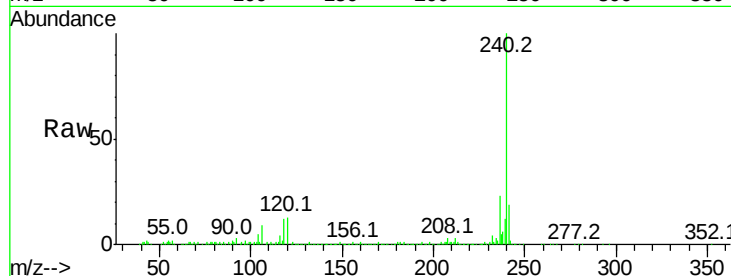
Tot Ion:240 Resp: 327084

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

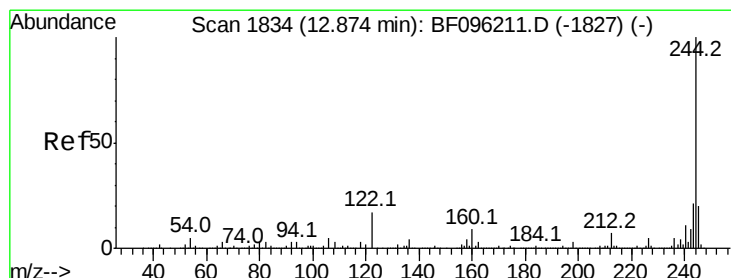
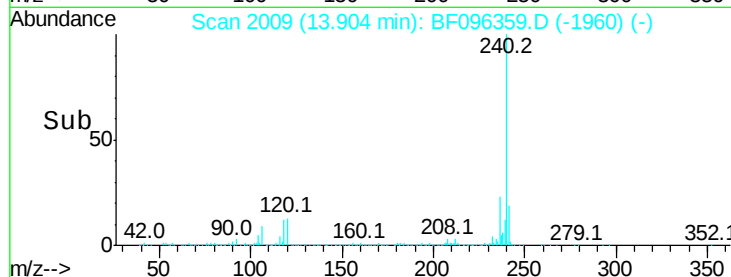
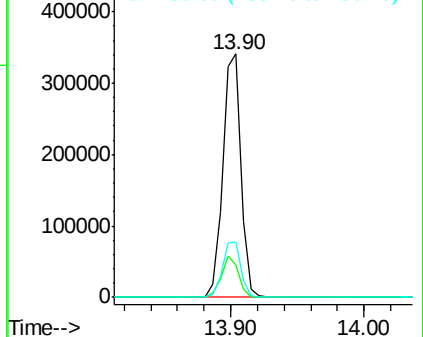
236 22.7 20.5 30.7



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: 47.42 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF096359.D

Acq: 1 Jul 2017 1:56

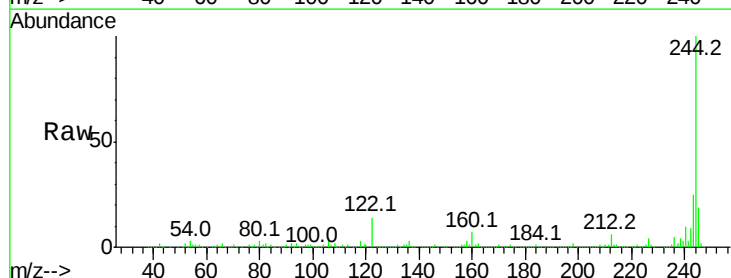
Tgt Ion:244 Resp: 621541

Ion Ratio Lower Upper

244 100

212 6.3 6.0 9.0

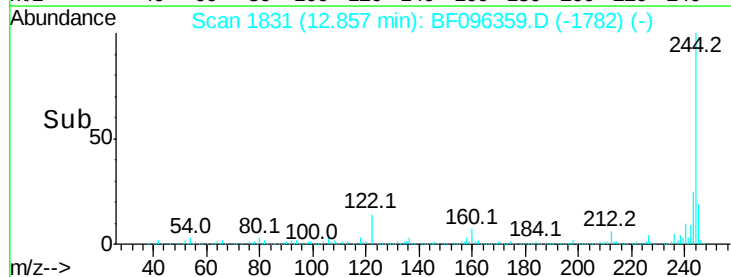
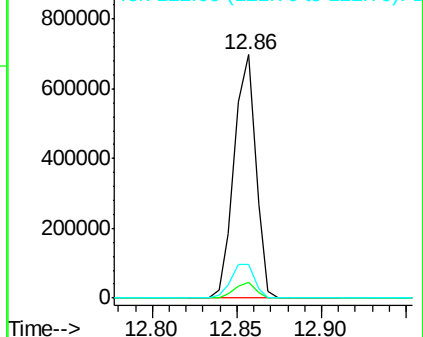
122 14.1 10.3 15.5

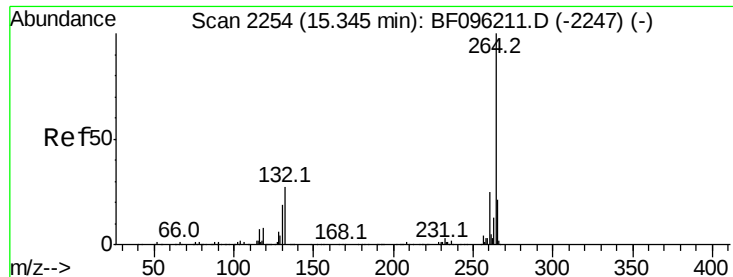


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

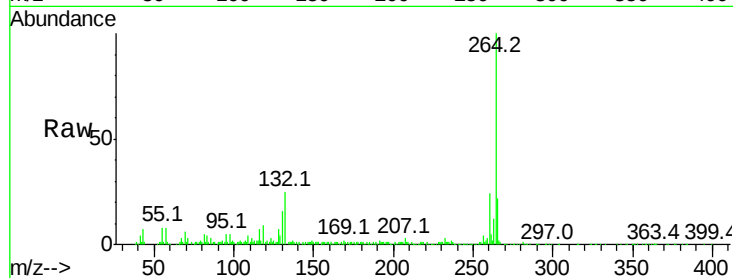




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. -0.02 min
 Lab File: BF096359.D
 Acq: 1 Jul 2017 1:56

Instrument :
 BNA_F
 ClientSampleId :
 B2-12.5-15

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	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

