

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
 Data File : BF096337.D
 Acq On : 30 Jun 2017 15:11
 Operator : SJ/MA
 Sample : I3883-13 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G40-0-1.5

Quant Time: Jun 30 18:26:01 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	152451	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	629078	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	259152	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	395022	20.00	ng	0.00
75) Chrysene-d12	13.92	240	293670	20.00	ng	0.00
86) Perylene-d12	15.35	264	248133	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	45982	4.35	ng	0.00
7) Phenol-d6	6.39	99	85594	6.68	ng	0.00
23) Nitrobenzene-d5	7.32	82	45505	5.01	ng	-0.04
41) 2,4,6-Tribromophenol	10.59	330	1644	0.81	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	93774	6.63	ng	-0.02
78) Terphenyl-d14	12.87	244	65669	5.58	ng	0.00

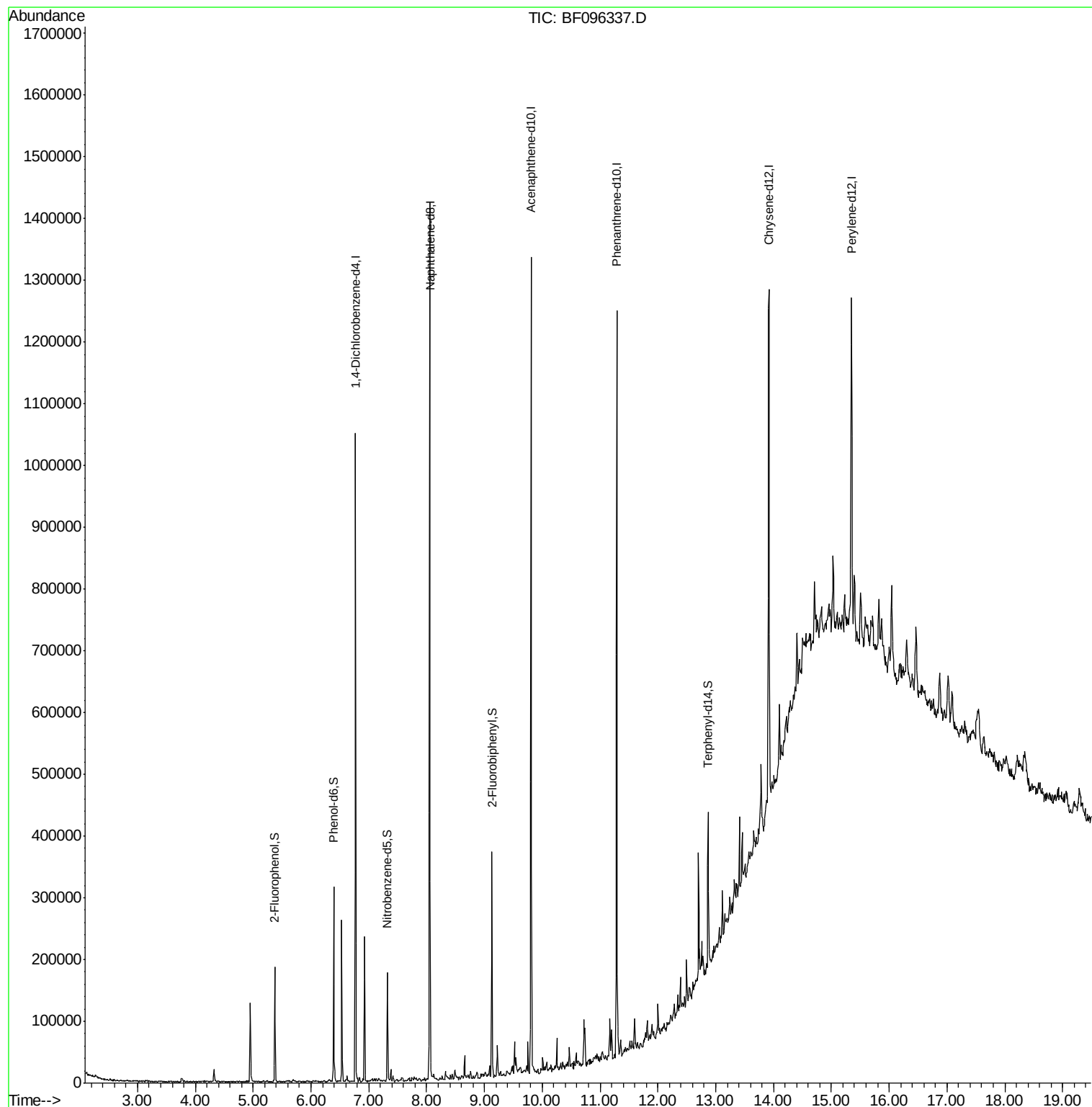
Target Compounds Qvalue

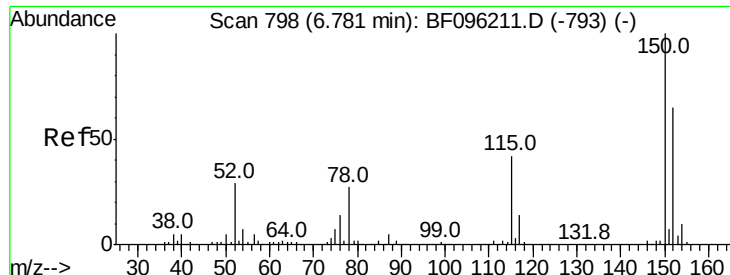
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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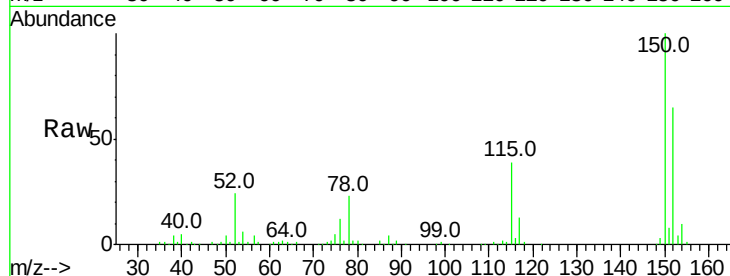


#1

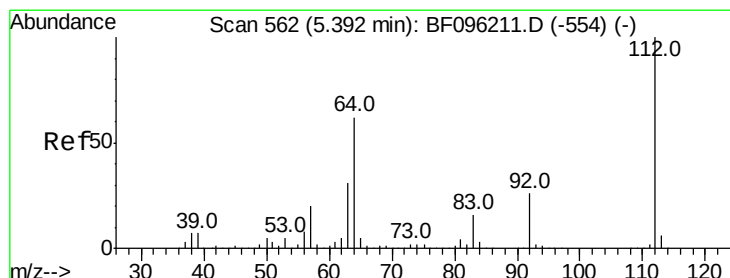
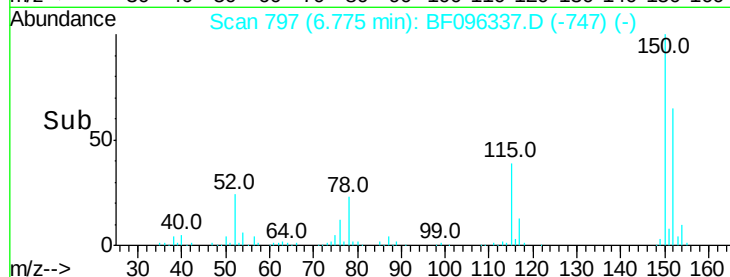
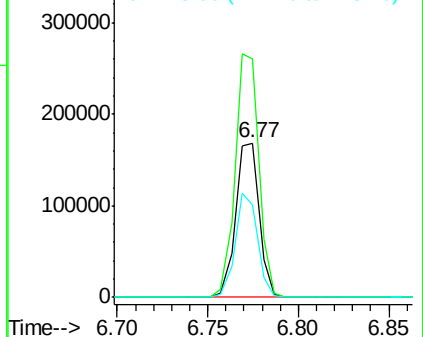
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF096337.D
Acq: 30 Jun 2017 15:11

Instrument :
BNA_F
ClientSampleId :
G40-0-1.5

Tot Ion:152 Resp: 152451
Ion Ratio Lower Upper
152 100
150 154.1 126.2 189.2
115 59.7 52.2 78.2



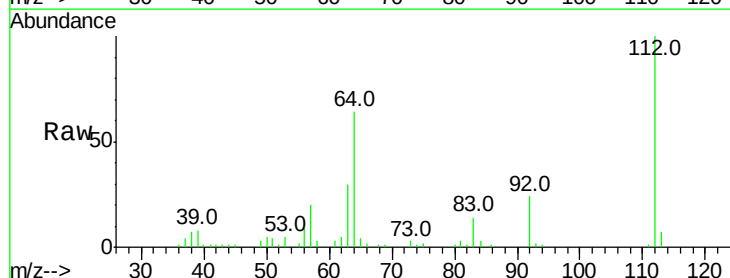
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



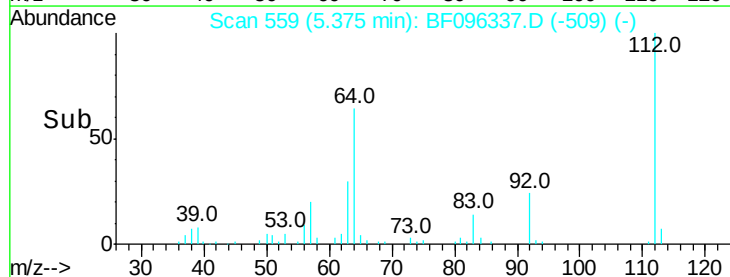
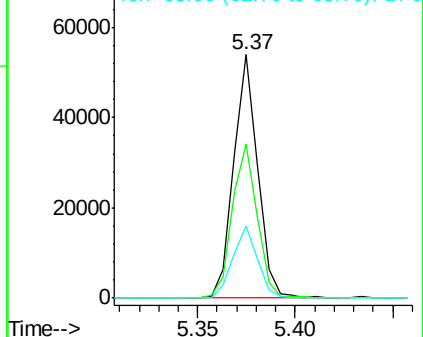
#5

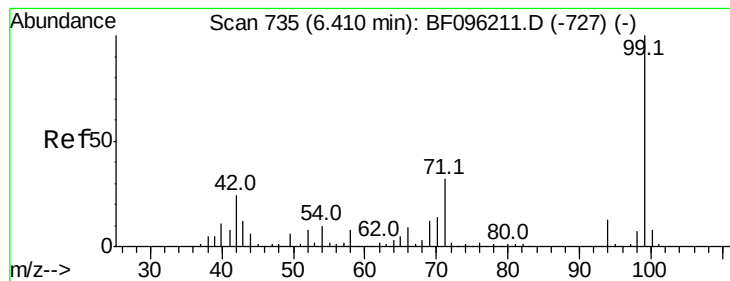
2-Fluorophenol
Concen: 4.35 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF096337.D
Acq: 30 Jun 2017 15:11

Tgt Ion:112 Resp: 45982
Ion Ratio Lower Upper
112 100
64 63.5 46.0 69.0
63 29.7 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: 6.68 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF096337.D

Acq: 30 Jun 2017 15:11

Instrument :

BNA_F

ClientSampleId :

G40-0-1.5

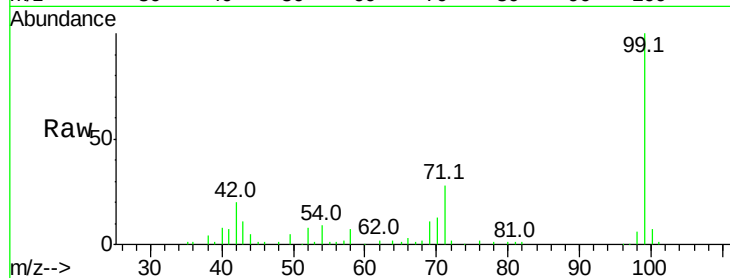
Tot Ion: 99 Resp: 85594

Ion Ratio Lower Upper

99 100

42 19.9 13.5 20.3

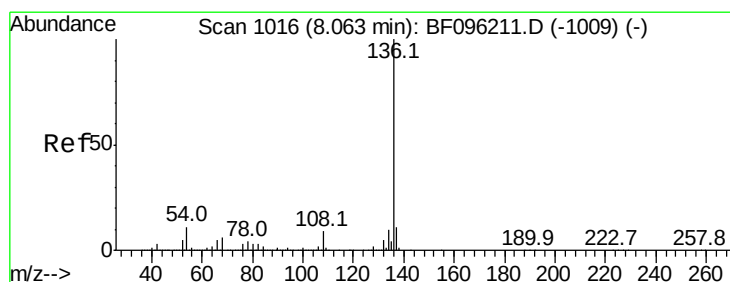
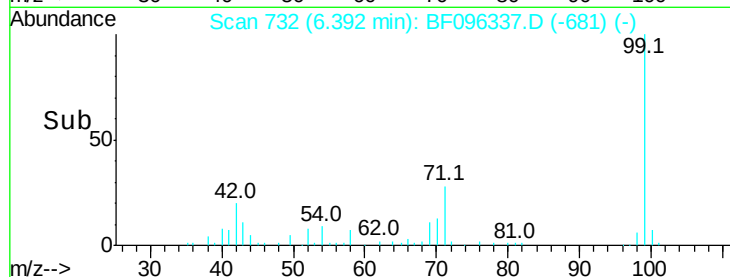
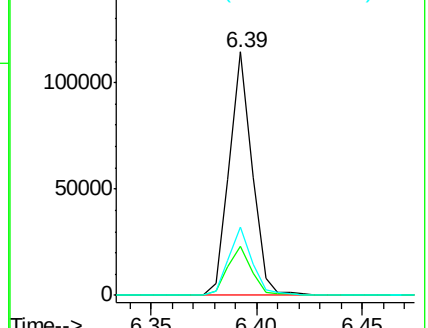
71 27.8 24.5 36.7



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: BF096337.D

Acq: 30 Jun 2017 15:11

Tgt Ion: 136 Resp: 629078

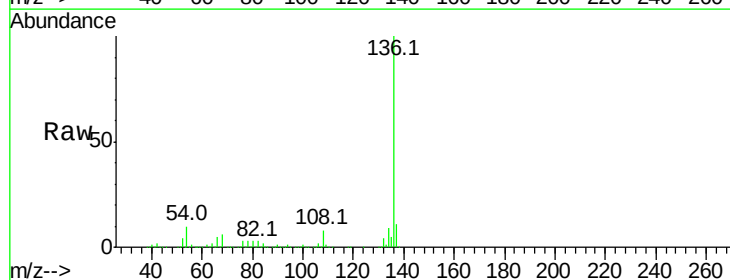
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 9.8 4.9 7.3#

68 5.9 4.1 6.1

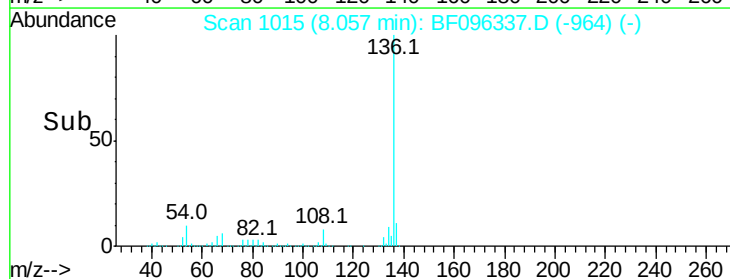
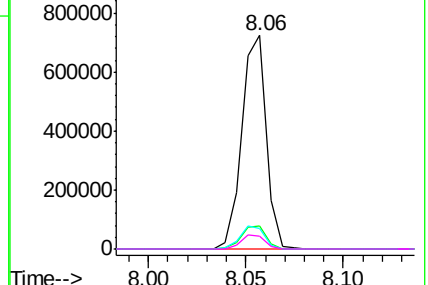


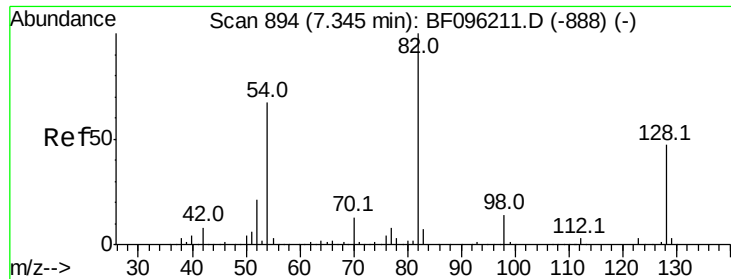
Abundance Ion 136.00 (135.70 to 136.70): E

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

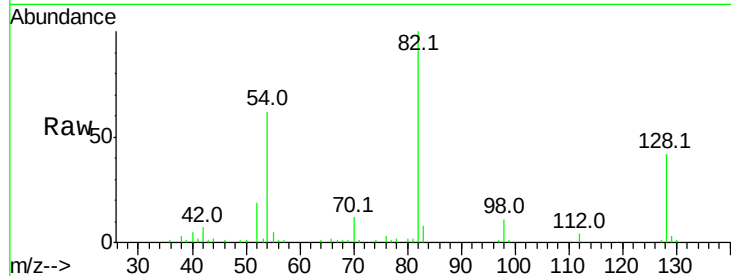




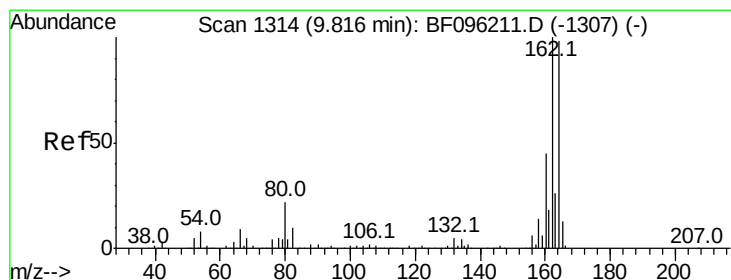
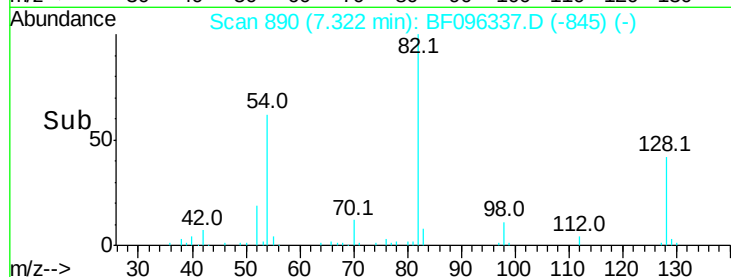
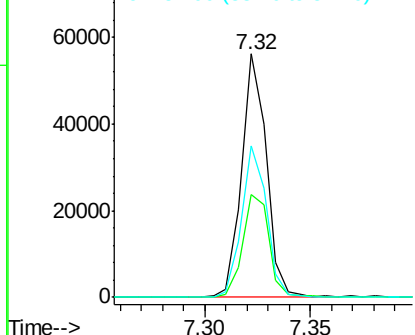
#23
Nitrobenzene-d5
Concen: 5.01 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.04 min
Lab File: BF096337.D
Acq: 30 Jun 2017 15:11

Instrument :
BNA_F
ClientSampleId :
G40-0-1.5

Tot Ion	82	Resp	45505
Ion Ratio	Lower	Upper	
82	100		
128	42.1	34.0	51.0
54	62.3	42.2	63.2

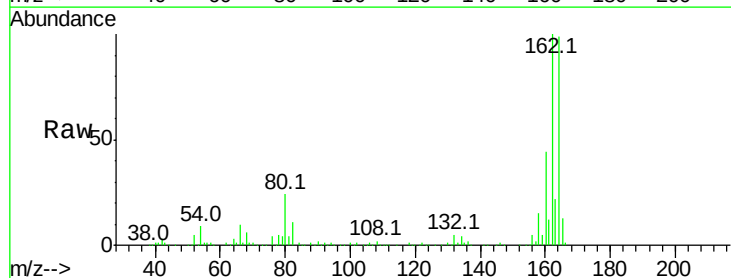


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

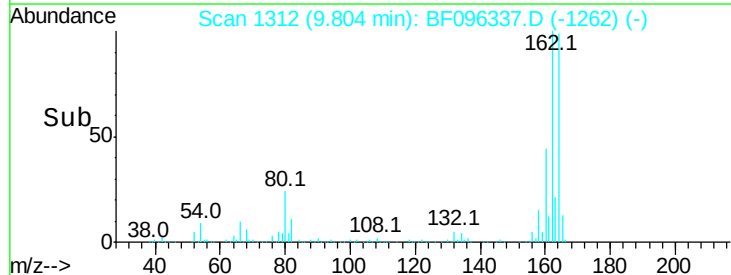
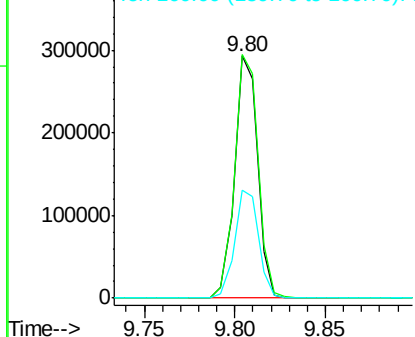


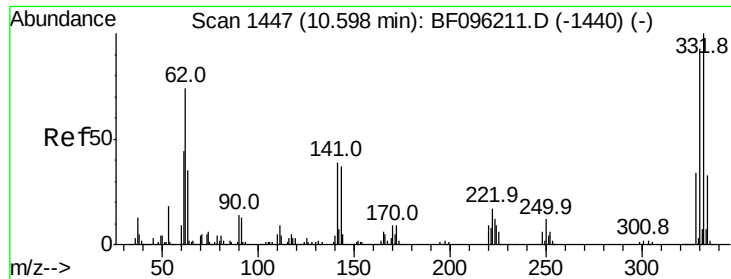
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF096337.D
Acq: 30 Jun 2017 15:11

Tgt Ion	164	Resp	259152
Ion Ratio	Lower	Upper	
164	100		
162	100.6	82.6	123.8
160	44.8	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

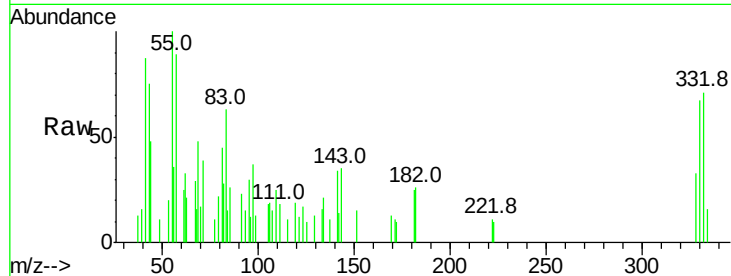




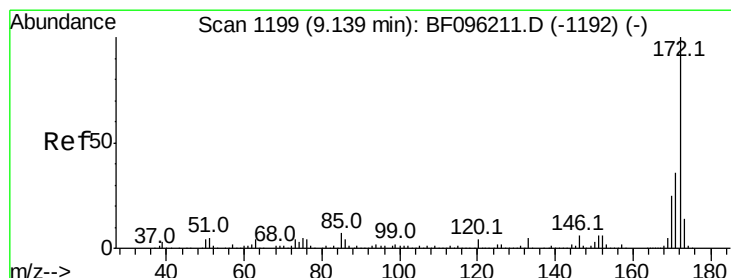
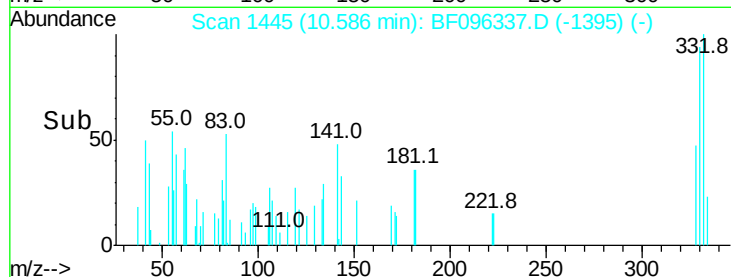
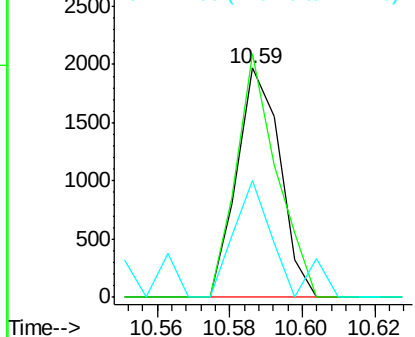
#41
 2,4,6-Tribromophenol
 Concen: 0.81 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF096337.D
 Acq: 30 Jun 2017 15:11

Instrument :
 BNA_F
 ClientSampleId :
 G40-0-1.5

Tot Ion:330 Resp: 1644
 Ion Ratio Lower Upper
 330 100
 332 99.6 76.6 115.0
 141 50.2 31.4 47.2#

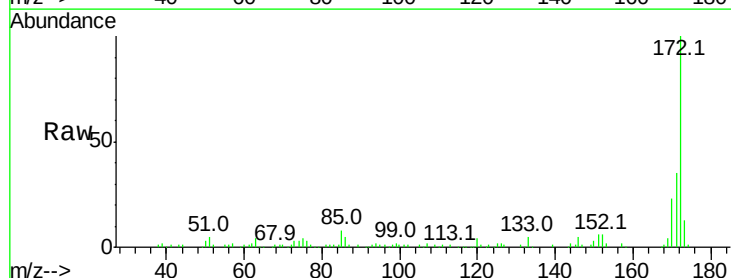


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

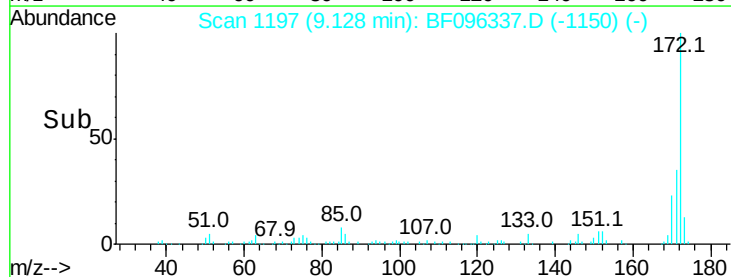
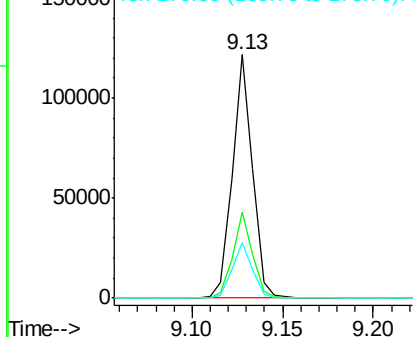


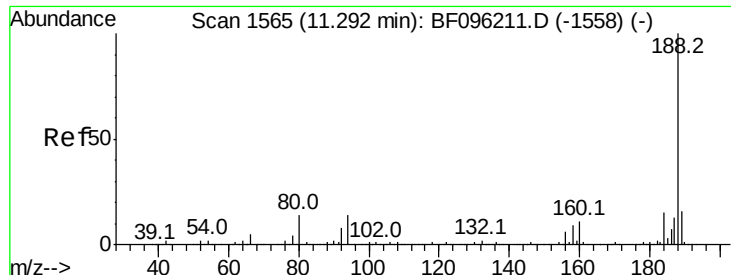
#44
 2-Fluorobiphenyl
 Concen: 6.63 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BF096337.D
 Acq: 30 Jun 2017 15:11

Tgt Ion:172 Resp: 93774
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.6 44.4
 170 22.7 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: BF096337.D

Acq: 30 Jun 2017 15:11

Instrument :

BNA_F

ClientSampleId :

G40-0-1.5

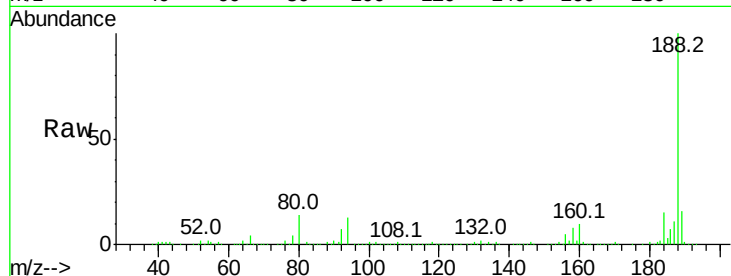
Tot Ion:188 Resp: 395022

Ion Ratio Lower Upper

188 100

94 13.1 9.4 14.2

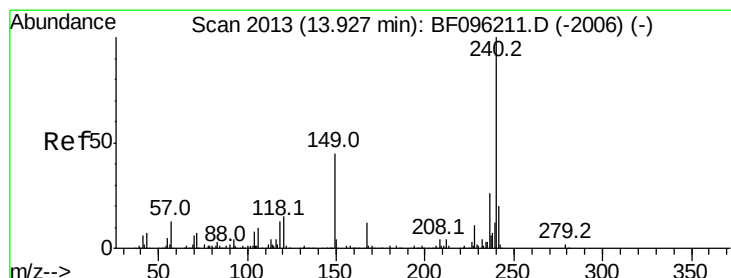
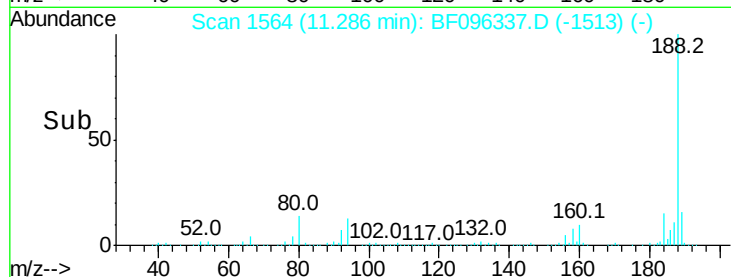
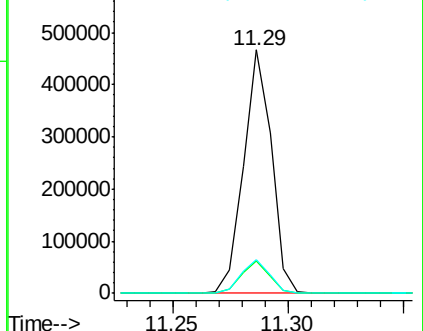
80 13.9 10.2 15.2



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: BF096337.D

Acq: 30 Jun 2017 15:11

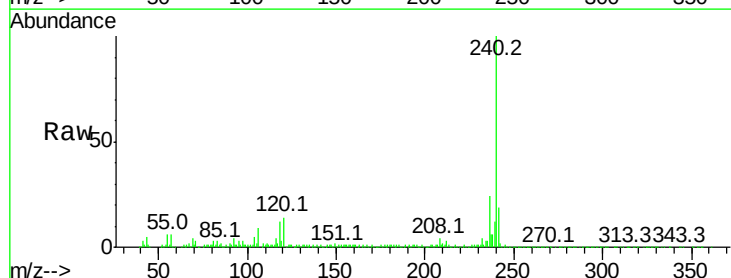
Tgt Ion:240 Resp: 293670

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

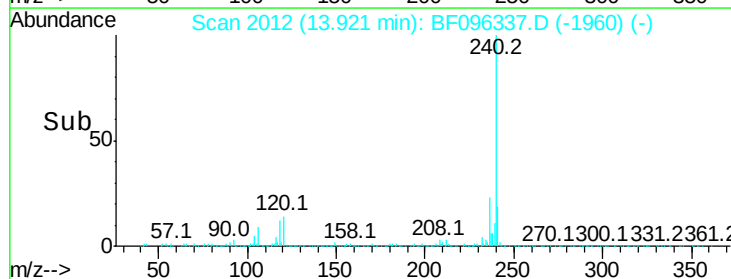
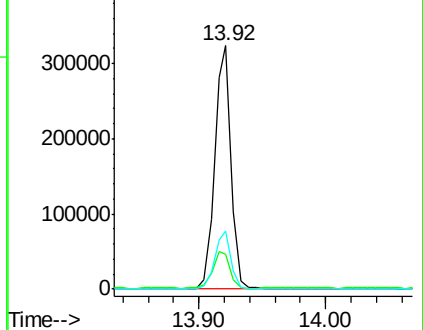
236 23.7 20.5 30.7

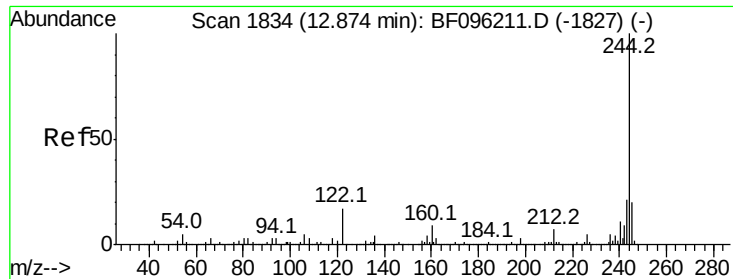


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 5.58 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF096337.D

Acq: 30 Jun 2017 15:11

Instrument :

BNA_F

ClientSampleId :

G40-0-1.5

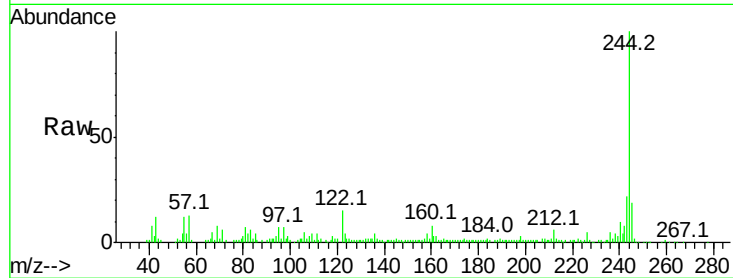
Tot Ion:244 Resp: 65669

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

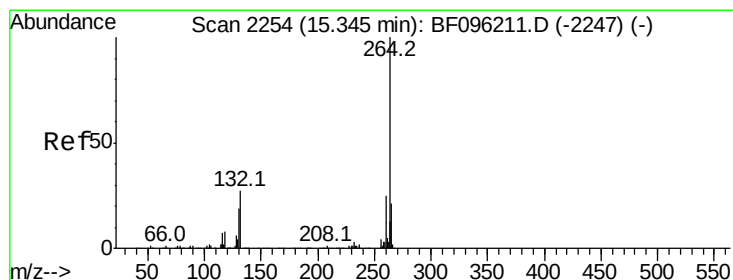
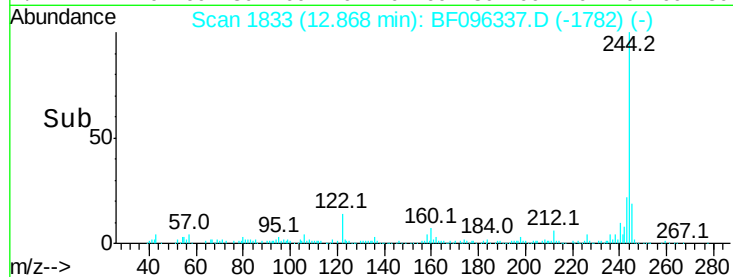
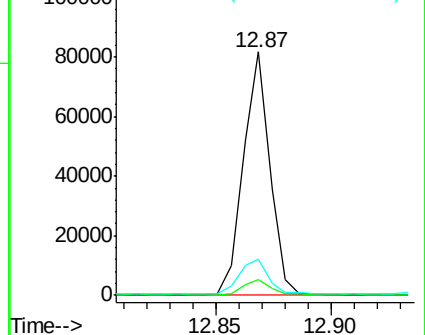
122 15.0 10.3 15.5



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: BF096337.D

Acq: 30 Jun 2017 15:11

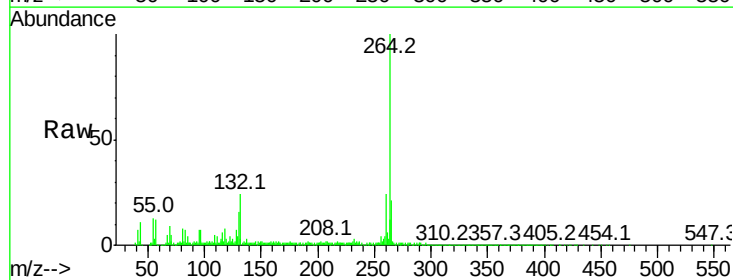
Tgt Ion:264 Resp: 248133

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 20.9 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

