

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
 Data File : BF099168.D
 Acq On : 7 Oct 2017 00:55
 Operator : SJ/JU
 Sample : I5585-11RE 20X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G69-1.5-3

Quant Time: Oct 07 02:05:42 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	116741	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	477608	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	215433	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	360187	20.00	ng	0.00
75) Chrysene-d12	14.02	240	186030	20.00	ng	-0.01
86) Perylene-d12	15.49	264	181926	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	60534	8.25	ng	0.00
7) Phenol-d6	6.48	99	73327	8.11	ng	-0.02
23) Nitrobenzene-d5	7.42	82	40564	5.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	11444	6.49	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	87017	6.74	ng	-0.01
78) Terphenyl-d14	12.96	244	61052	7.46	ng	-0.01

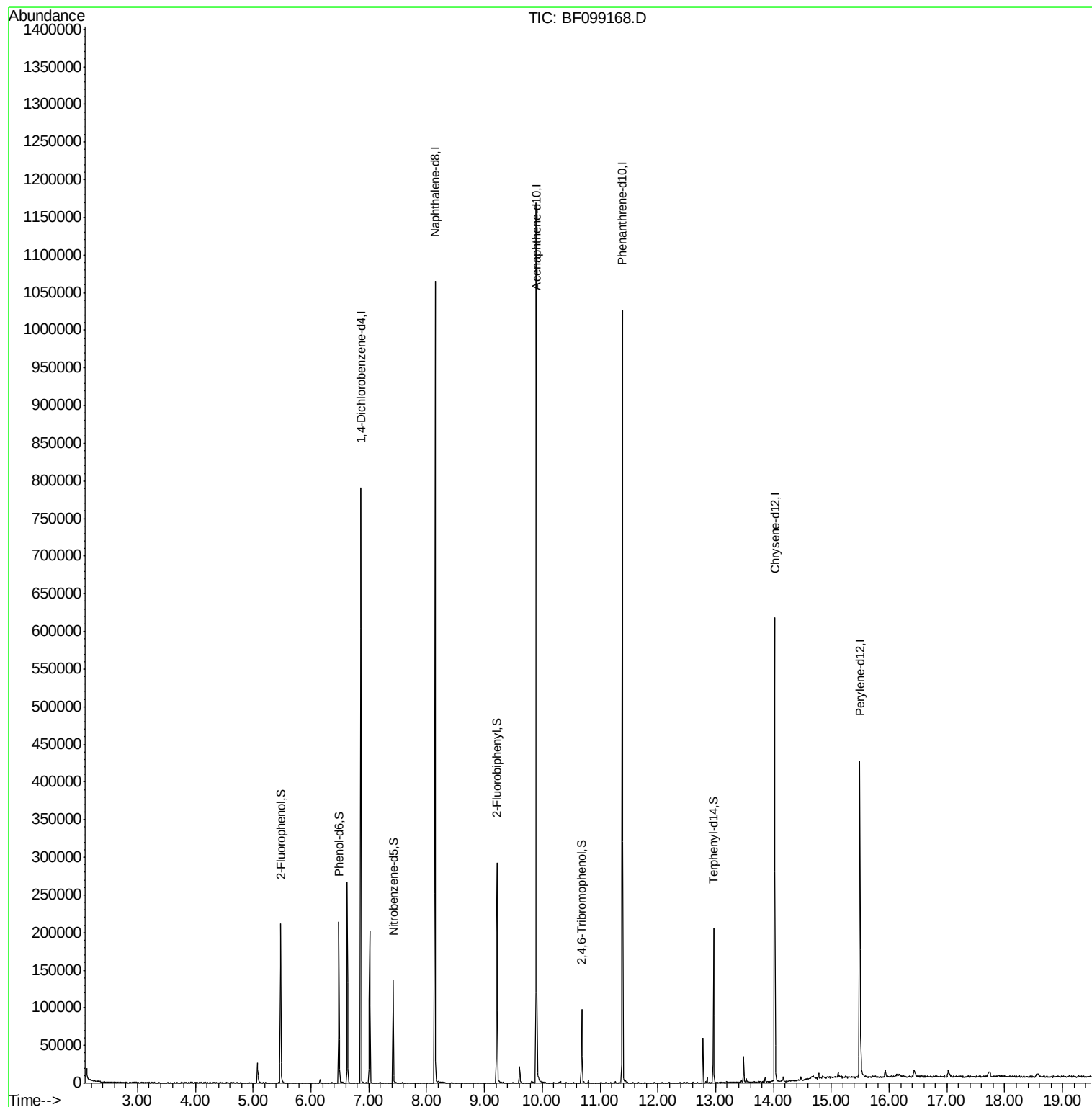
Target Compounds	Qvalue
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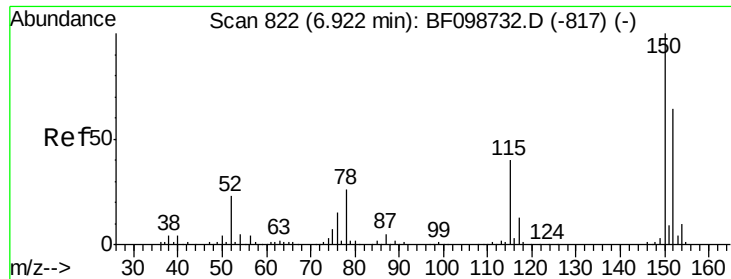
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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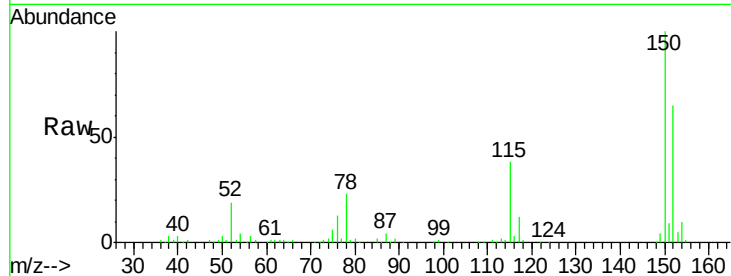


#1

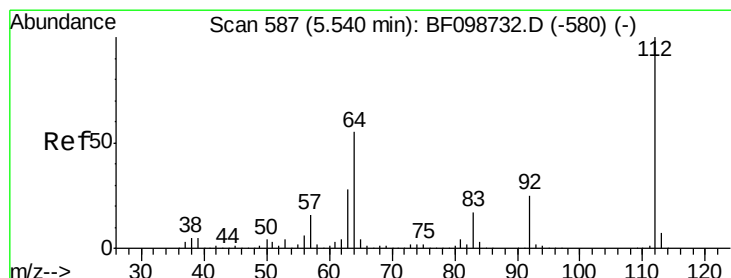
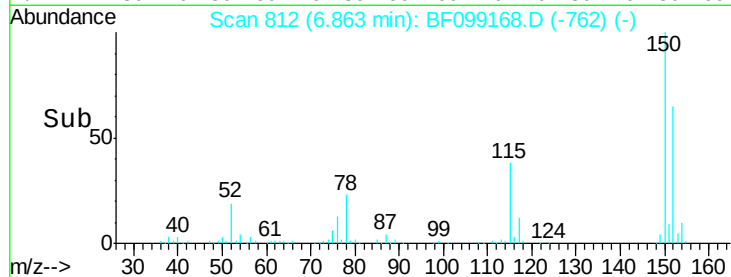
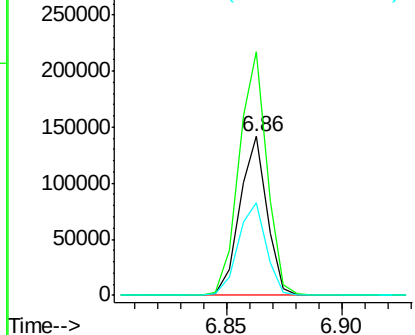
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099168.D
 Acq: 7 Oct 2017 00:55

Instrument :
 BNA_F
 ClientSampleId :
 G69-1.5-3

Tgt Ion:152 Resp: 116741
 Ion Ratio Lower Upper
 152 100
 150 153.1 124.6 186.8
 115 58.3 50.1 75.1



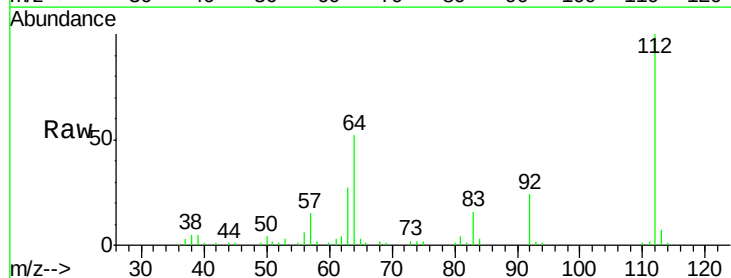
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



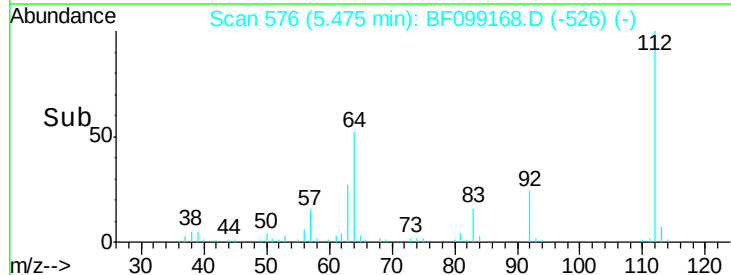
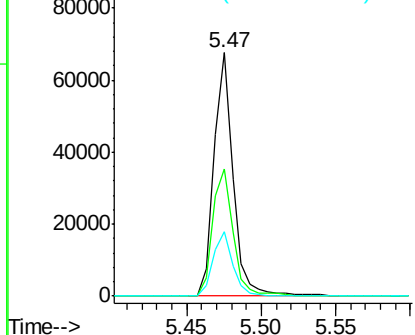
#5

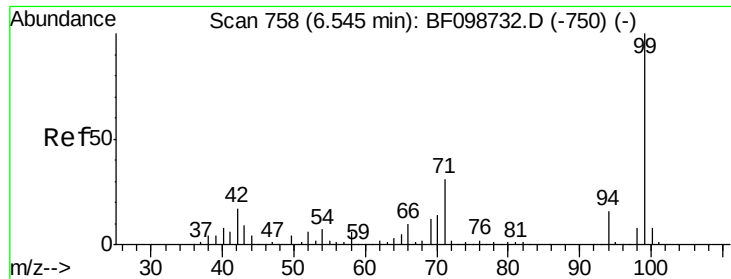
2-Fluorophenol
 Concen: 8.25 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF099168.D
 Acq: 7 Oct 2017 00:55

Tgt Ion:112 Resp: 60534
 Ion Ratio Lower Upper
 112 100
 64 52.5 47.9 71.9
 63 26.6 23.7 35.5



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: 8.11 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF099168.D

Acq: 7 Oct 2017 00:55

Instrument :

BNA_F

ClientSampled :

G69-1.5-3

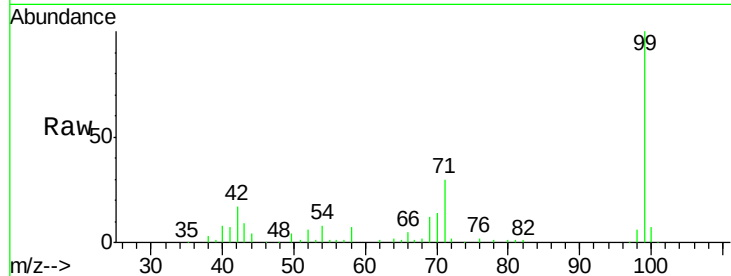
Tgt Ion: 99 Resp: 73327

Ion Ratio Lower Upper

99 100

42 17.1 14.5 21.7

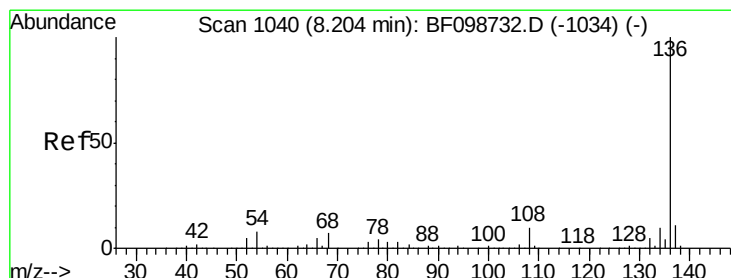
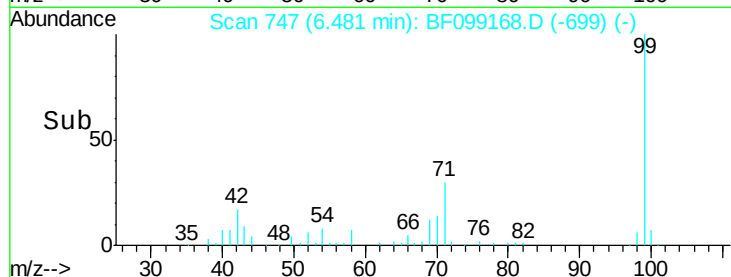
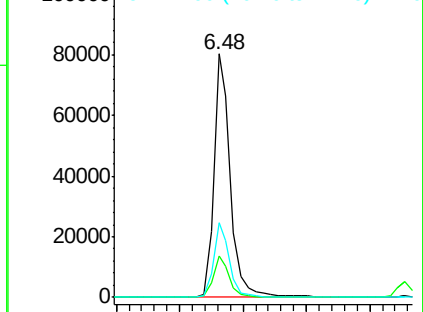
71 30.5 25.4 38.0



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: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099168.D

Acq: 7 Oct 2017 00:55

Tgt Ion: 136 Resp: 477608

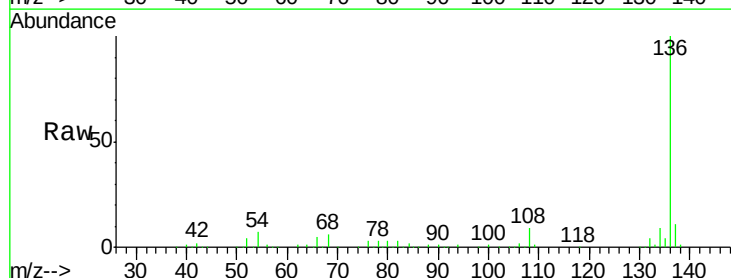
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.0 6.6 9.8

68 5.8 5.0 7.4

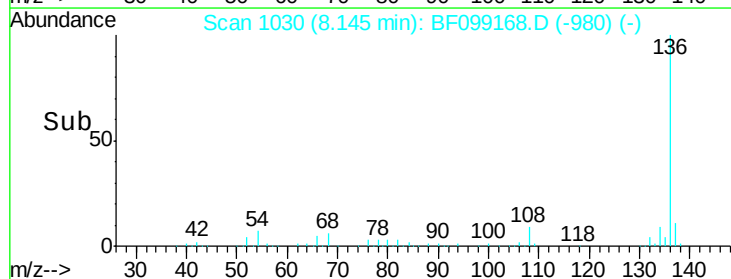
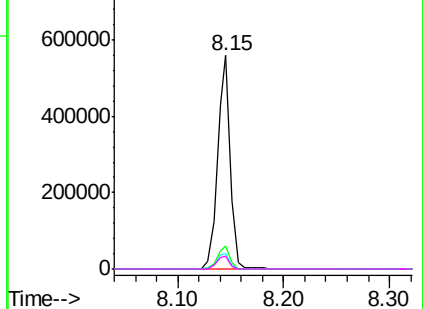


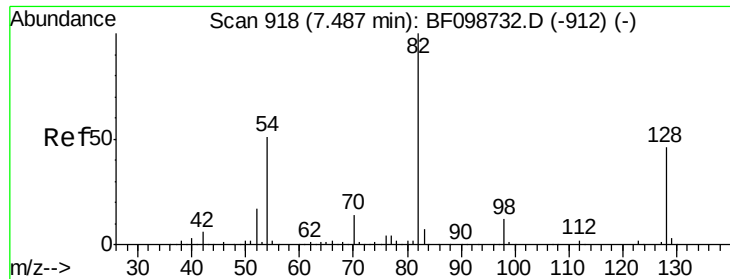
Abundance Ion 136.00 (135.70 to 136.70): E

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

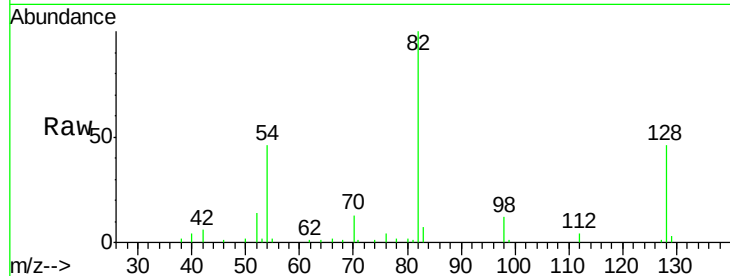




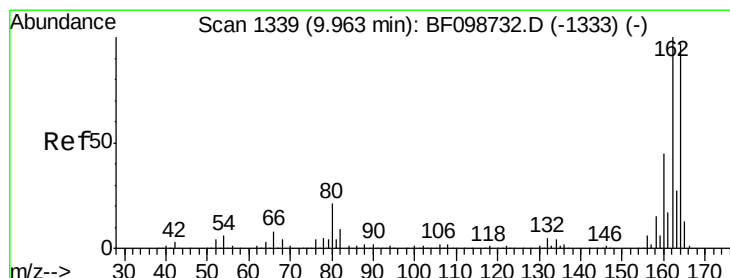
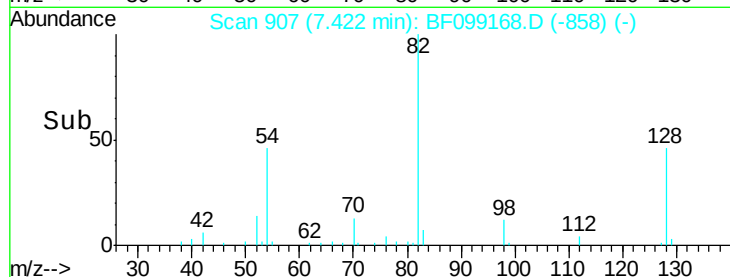
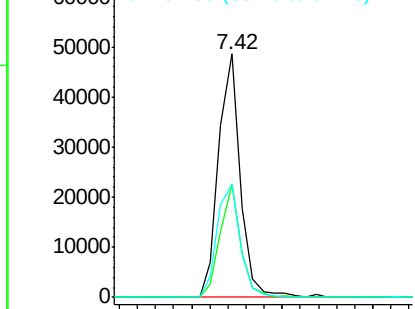
#23
 Nitrobenzene-d5
 Concen: 5.45 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF099168.D
 Acq: 7 Oct 2017 00:55

Instrument :
 BNA_F
 ClientSampleId :
 G69-1.5-3

Tgt Ion: 82 Resp: 40564
 Ion Ratio Lower Upper
 82 100
 128 46.4 36.1 54.1
 54 46.5 41.4 62.2

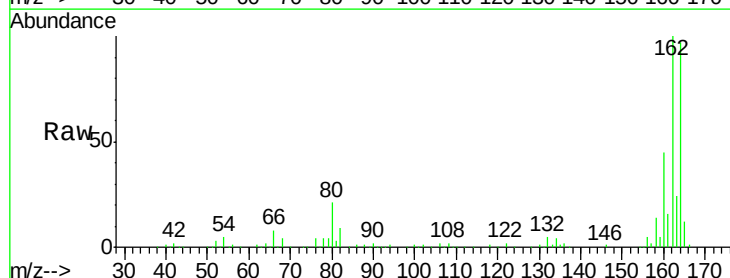


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

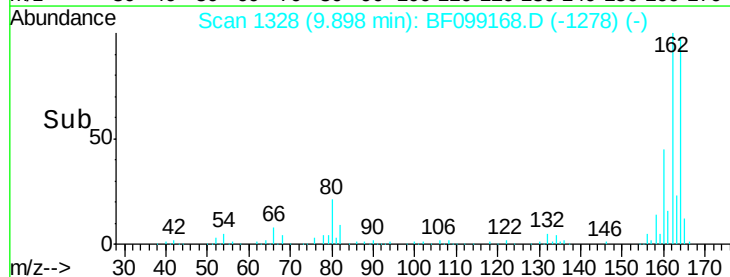
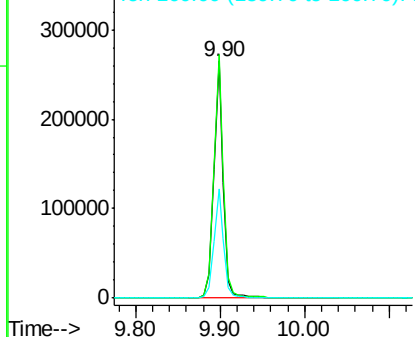


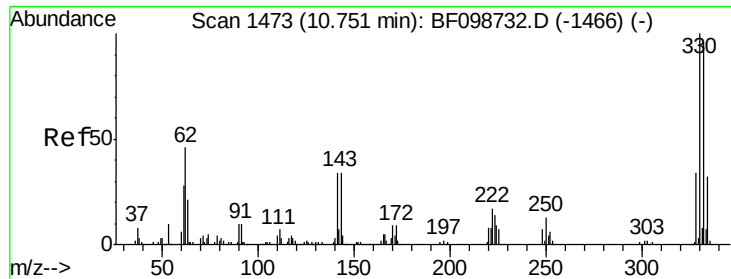
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099168.D
 Acq: 7 Oct 2017 00:55

Tgt Ion: 164 Resp: 215433
 Ion Ratio Lower Upper
 164 100
 162 102.7 86.1 129.1
 160 46.0 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B





#41

2,4,6-Tribromophenol

Concen: 6.49 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF099168.D

Acq: 7 Oct 2017 00:55

Instrument :

BNA_F

ClientSampleId :

G69-1.5-3

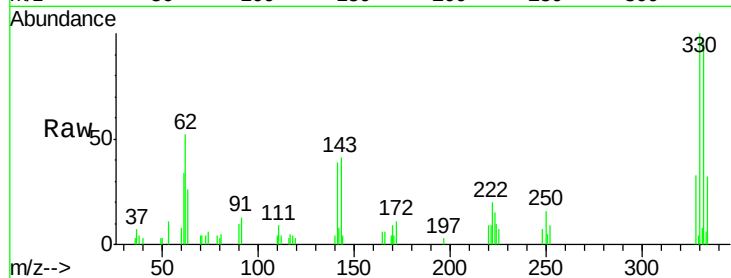
Tgt Ion:330 Resp: 11444

Ion Ratio Lower Upper

330 100

332 98.3 77.0 115.6

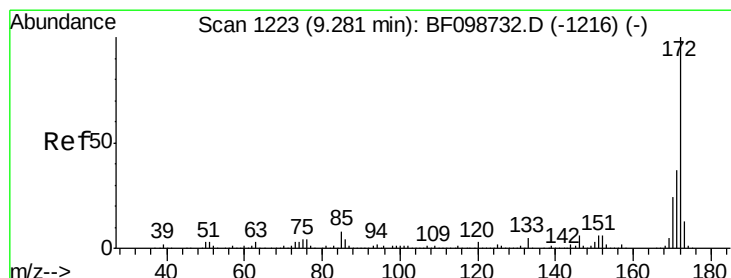
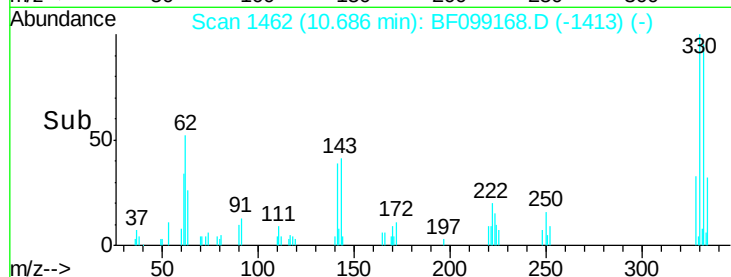
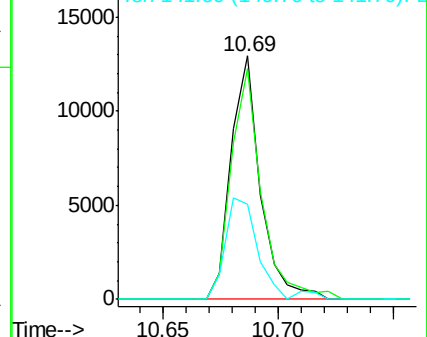
141 47.0 29.9 44.9#



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: 6.74 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF099168.D

Acq: 7 Oct 2017 00:55

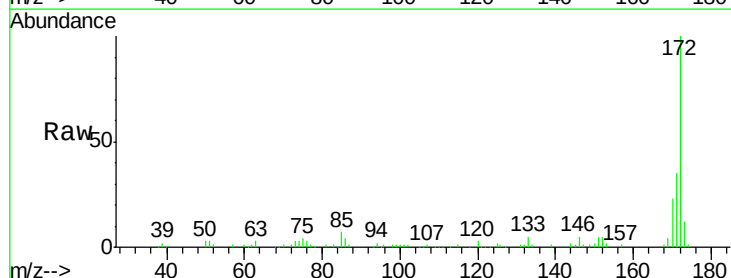
Tgt Ion:172 Resp: 87017

Ion Ratio Lower Upper

172 100

171 35.1 29.7 44.5

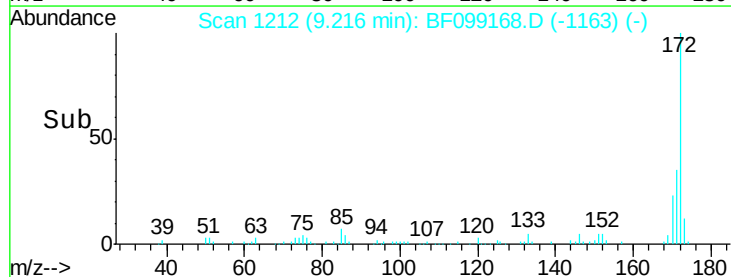
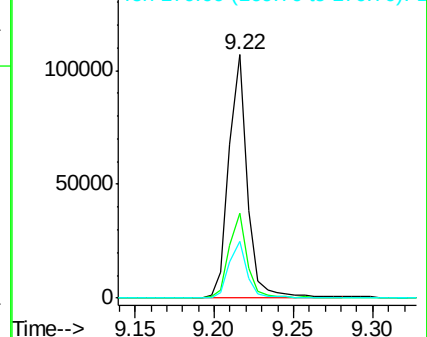
170 23.1 19.6 29.4

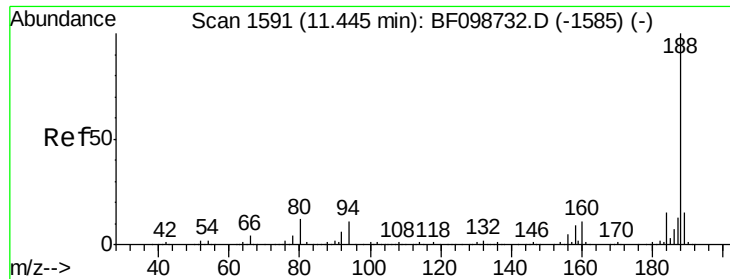


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

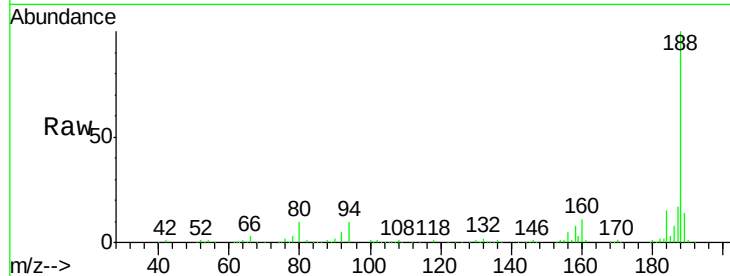




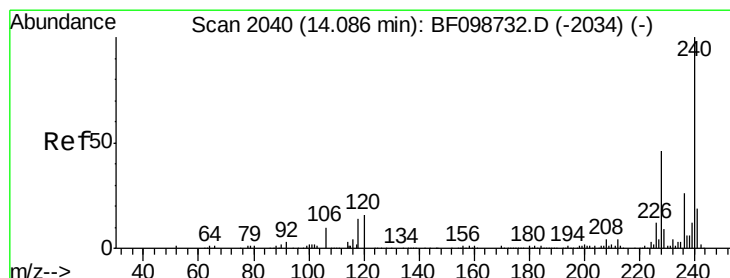
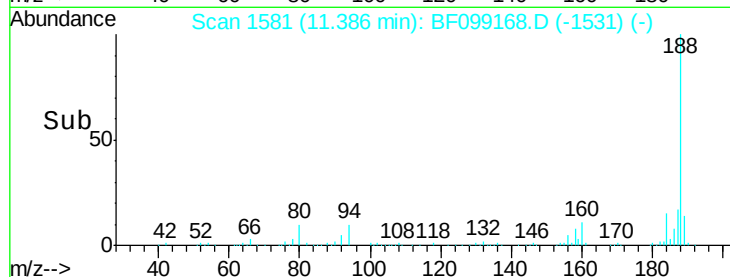
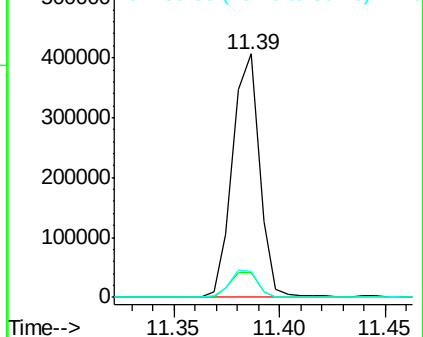
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099168.D
Acq: 7 Oct 2017 00:55

Instrument :
BNA_F
ClientSampled :
G69-1.5-3

Tgt Ion:188 Resp: 360187
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.4 9.2 13.8

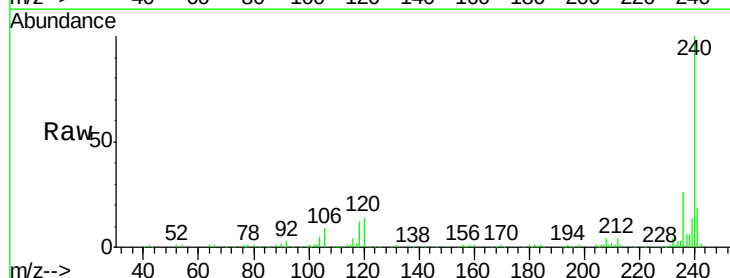


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

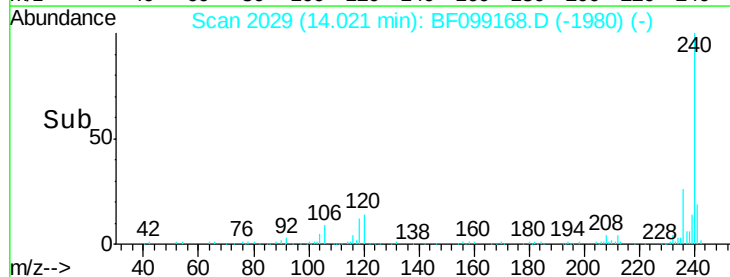
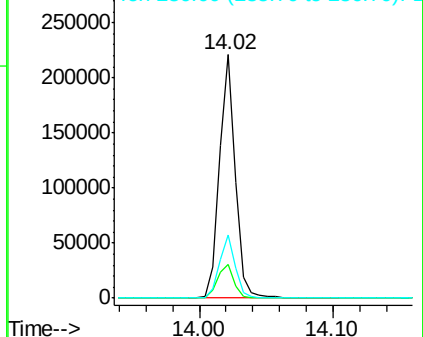


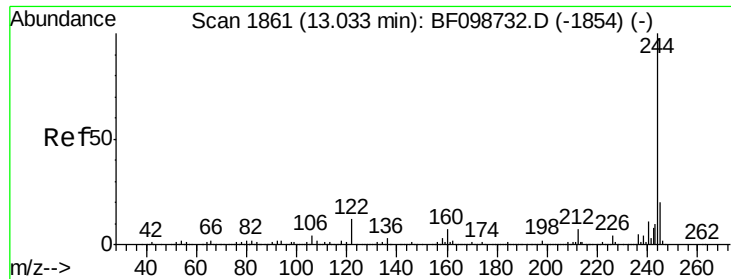
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099168.D
Acq: 7 Oct 2017 00:55

Tgt Ion:240 Resp: 186030
Ion Ratio Lower Upper
240 100
120 13.9 9.5 14.3
236 25.8 20.7 31.1



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

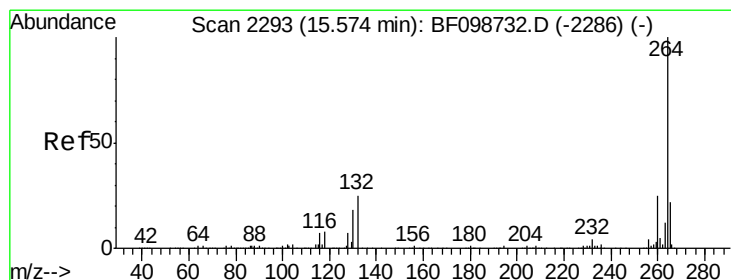
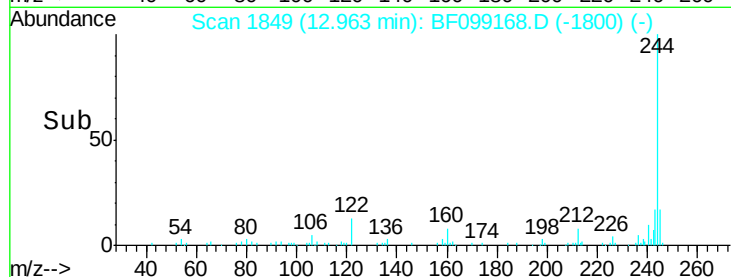
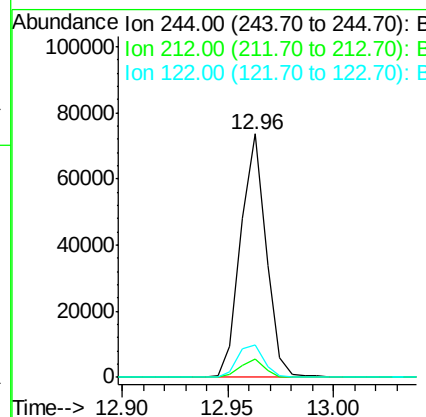
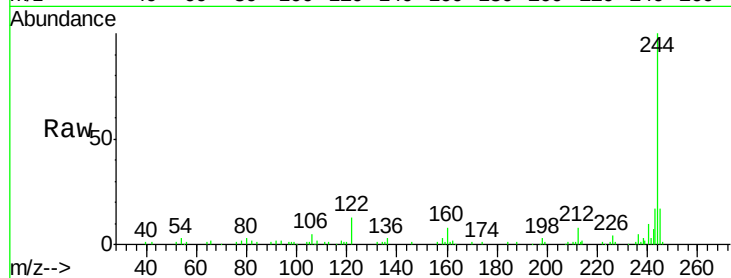




#78
 Terphenyl-d14
 Concen: 7.46 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF099168.D
 Acq: 7 Oct 2017 00:55

Instrument :
 BNA_F
 ClientSampleId :
 G69-1.5-3

Tgt Ion: 244 Resp: 61052
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.0
 122 13.1 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF099168.D
 Acq: 7 Oct 2017 00:55

Tgt Ion: 264 Resp: 181926
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 21.0 17.5 26.3

