

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028916.D
 Acq On : 25 Sep 2017 20:33
 Operator : SJ/JU
 Sample : I5321-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20170610-COMP-A

Quant Time: Sep 26 02:24:09 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

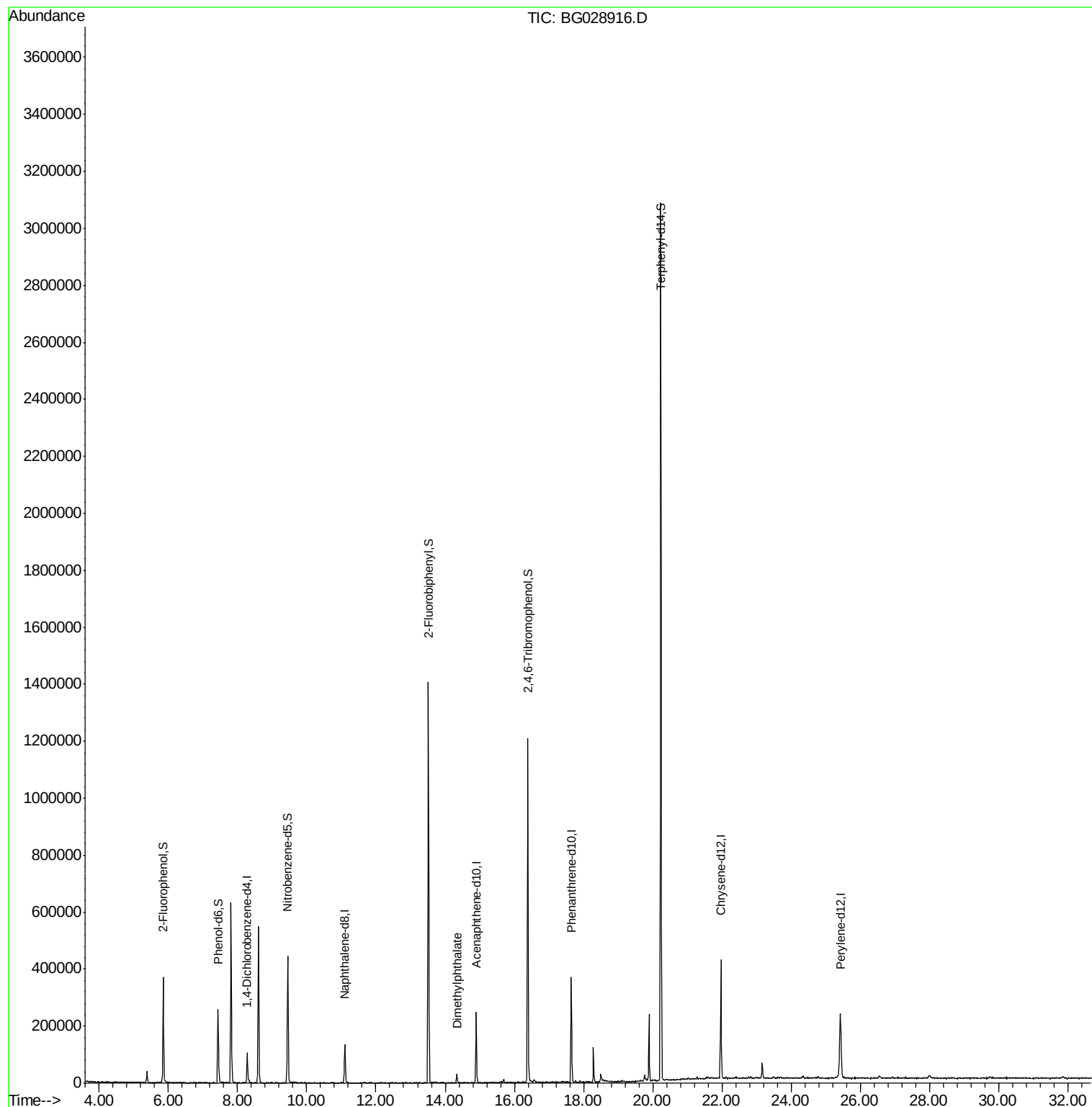
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	31746	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	125075	20.00	ng	-0.05
38) Acenaphthene-d10	14.90	164	87309	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	239666	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	285714	20.00	ng	-0.07
86) Perylene-d12	25.42	264	294267	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	163309	84.88	ng	-0.05
7) Phenol-d6	7.44	99	159699	55.13	ng	-0.05
23) Nitrobenzene-d5	9.45	82	286684	109.65	ng	-0.05
41) 2,4,6-Tribromophenol	16.39	330	269624	186.72	ng	-0.05
44) 2-Fluorobiphenyl	13.52	172	749541	114.47	ng	-0.05
78) Terphenyl-d14	20.23	244	1489366	111.17	ng	-0.05
Target Compounds						
49) Dimethylphthalate	14.34	163	25060	3.423	ng	Qvalue # 93

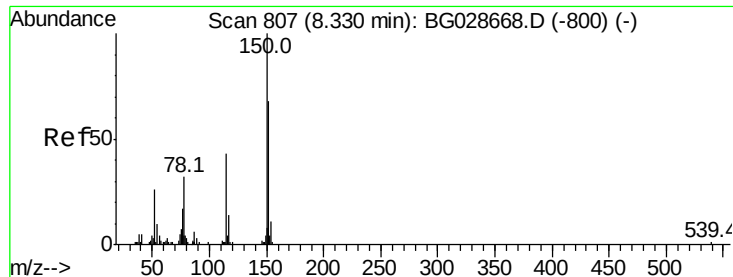
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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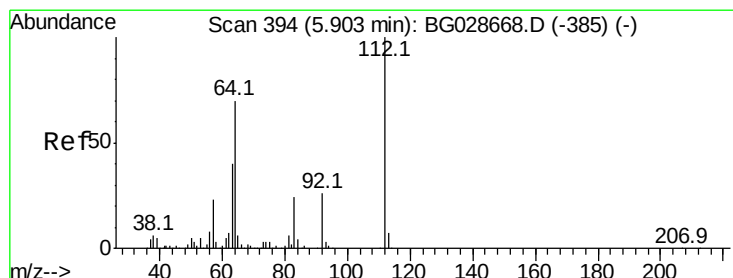
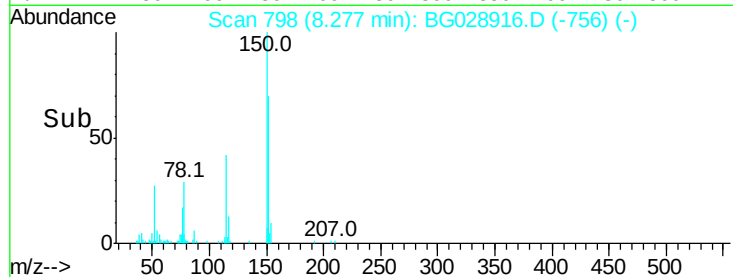
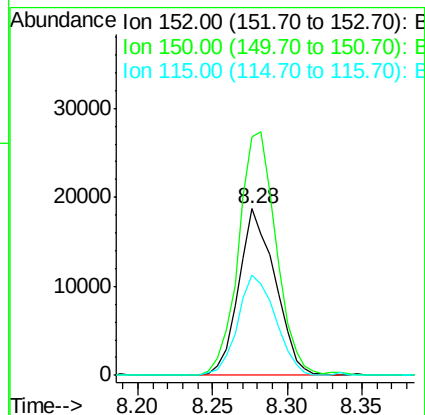
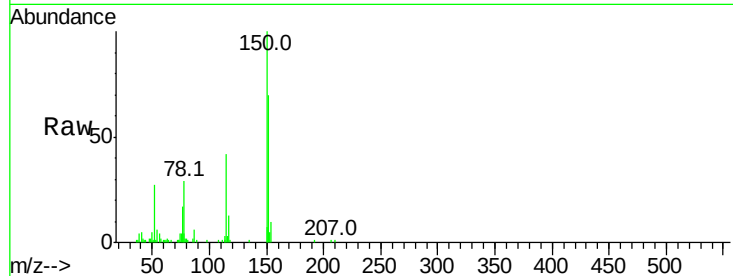


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.05 min
Lab File: BG028916.D
Acq: 25 Sep 2017 20:33

Instrument :
BNA_G
ClientSampleId :
20170610-COMP-A

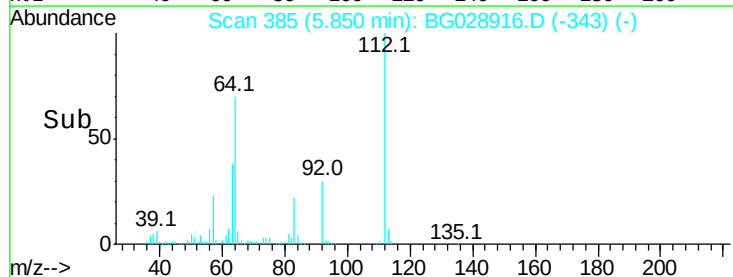
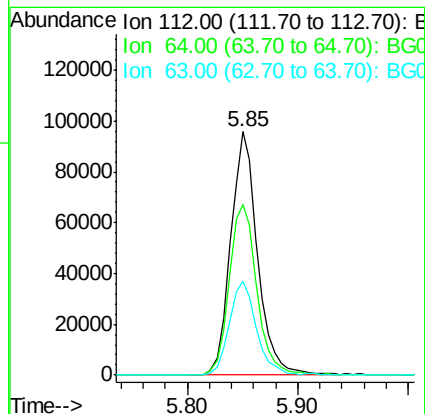
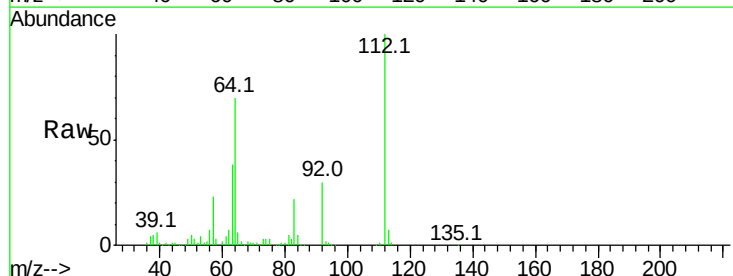
Tot Ion:152 Resp: 31746
Ion Ratio Lower Upper
152 100
150 143.7 114.0 171.0
115 60.1 48.1 72.1

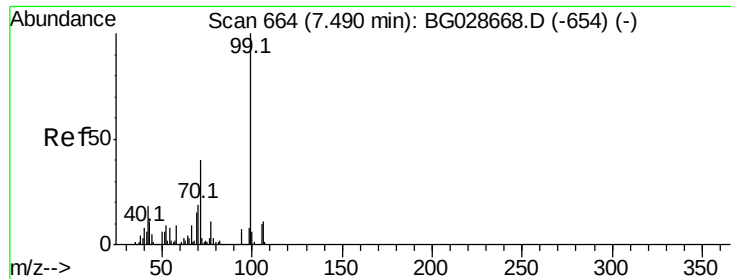


#5

2-Fluorophenol
Concen: 84.882 ng
RT: 5.85 min Scan# 385
Delta R.T. -0.05 min
Lab File: BG028916.D
Acq: 25 Sep 2017 20:33

Tgt Ion:112 Resp: 163309
Ion Ratio Lower Upper
112 100
64 70.1 61.8 92.6
63 38.3 37.2 55.8





#7

Phenol-d6

Concen: 55.131 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028916.D

Acq: 25 Sep 2017 20:33

Instrument :

BNA_G

ClientSampleId :

20170610-COMP-A

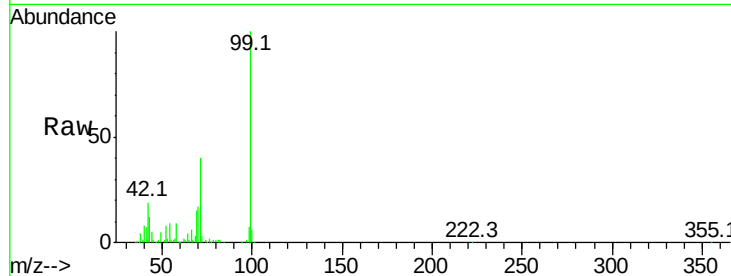
Tot Ion: 99 Resp: 159699

Ion Ratio Lower Upper

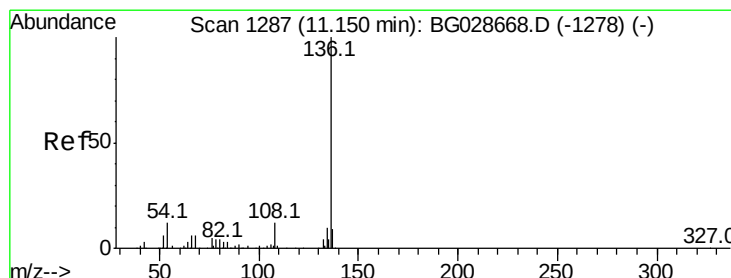
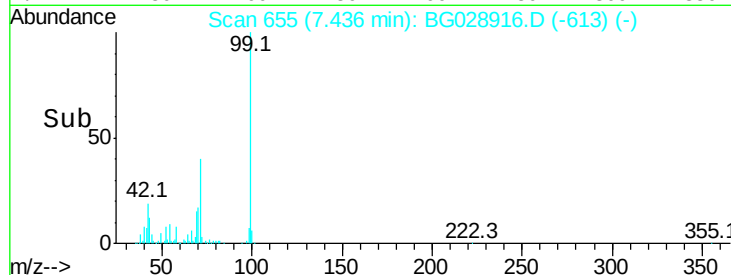
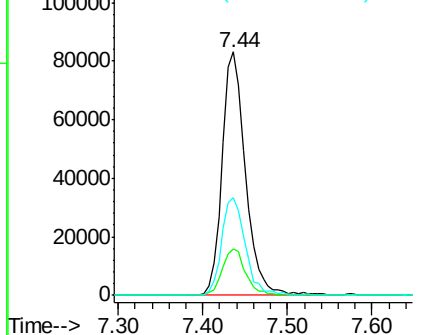
99 100

42 19.2 20.5 30.7#

71 40.2 37.6 56.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.10 min Scan# 1278

Delta R.T. -0.05 min

Lab File: BG028916.D

Acq: 25 Sep 2017 20:33

Tgt Ion: 136 Resp: 125075

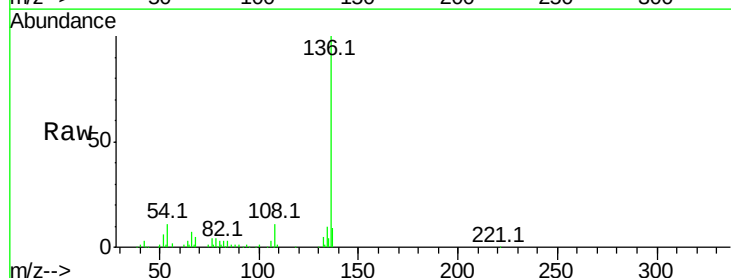
Ion Ratio Lower Upper

136 100

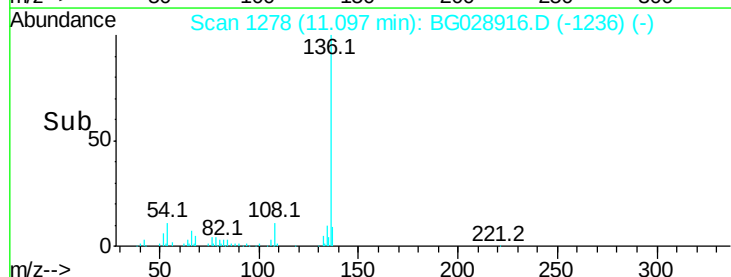
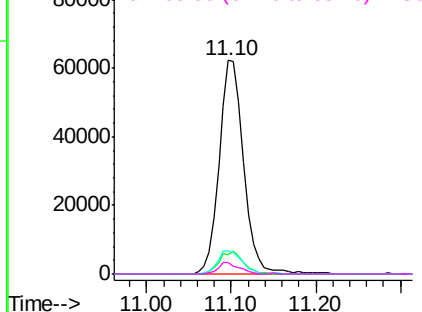
137 9.0 8.9 13.3

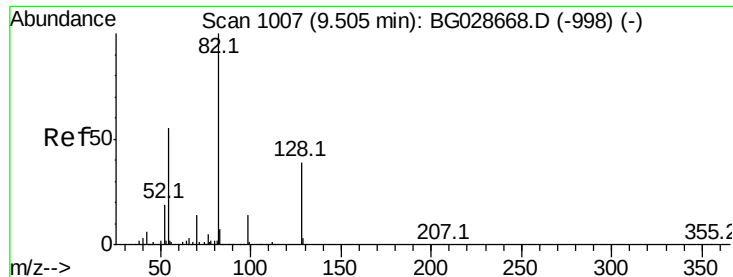
54 10.8 9.3 13.9

68 5.4 5.1 7.7



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

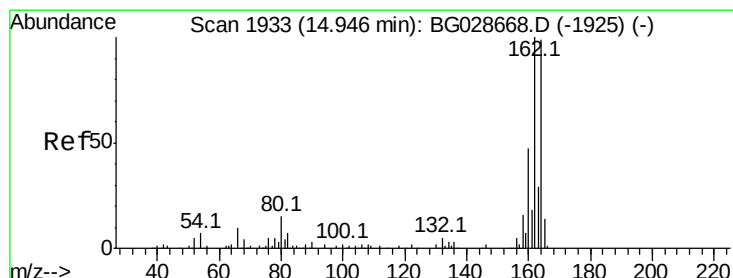
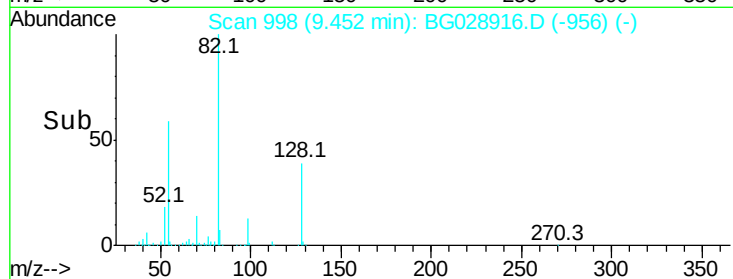
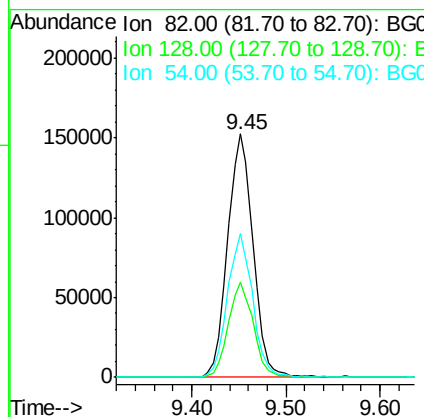
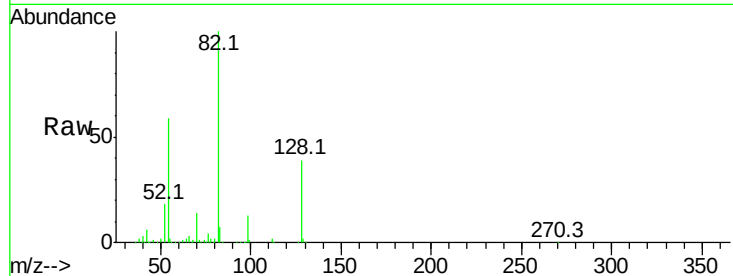




#23
Nitrobenzene-d5
Concen: 109.648 ng
RT: 9.45 min Scan# 998
Delta R.T. -0.05 min
Lab File: BG028916.D
Acq: 25 Sep 2017 20:33

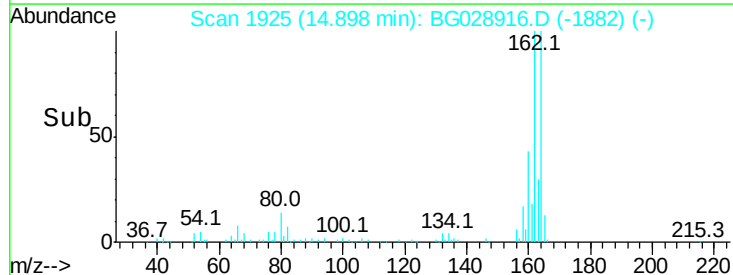
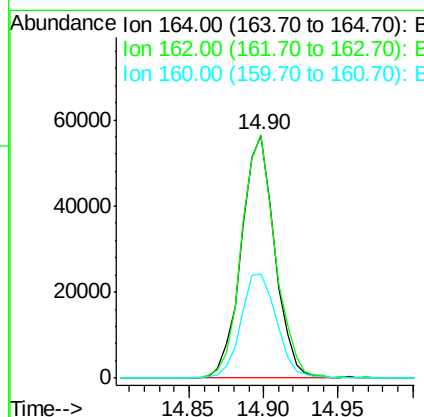
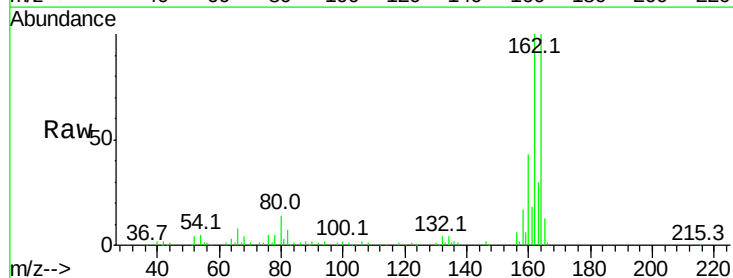
Instrument :
BNA_G
ClientSampleId :
20170610-COMP-A

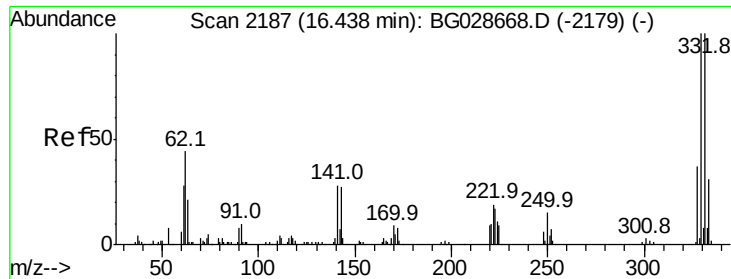
Tot Ion	82	Resp	286684
Ion Ratio	100	Lower	Upper
128	39.1	26.4	39.6
54	58.8	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.90 min Scan# 1925
Delta R.T. -0.05 min
Lab File: BG028916.D
Acq: 25 Sep 2017 20:33

Tgt Ion	164	Resp	87309
Ion Ratio	100	Lower	Upper
162	100.3	85.1	127.7
160	42.9	34.7	52.1

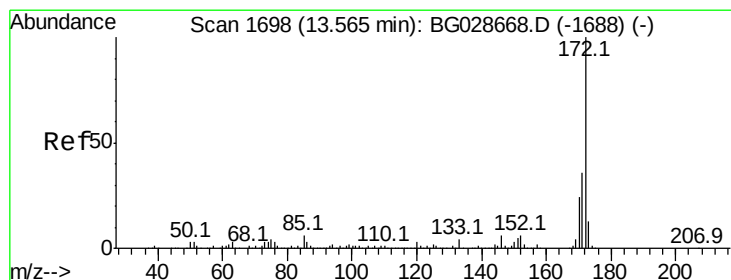
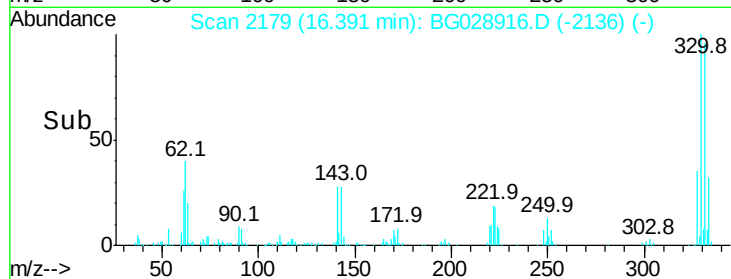
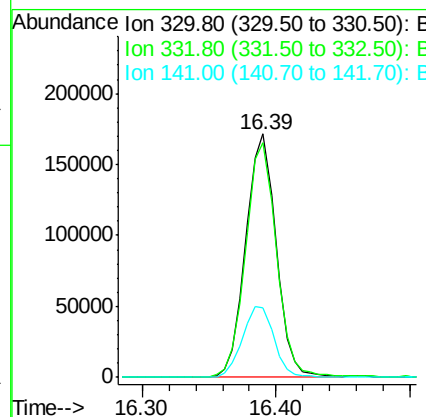
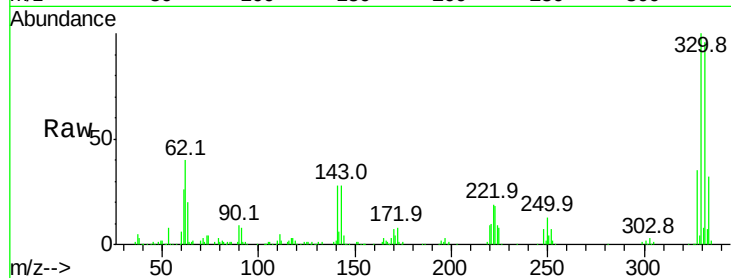




#41
 2,4,6-Tribromophenol
 Concen: 186.715 ng
 RT: 16.39 min Scan# 2179
 Delta R.T. -0.05 min
 Lab File: BG028916.D
 Acq: 25 Sep 2017 20:33

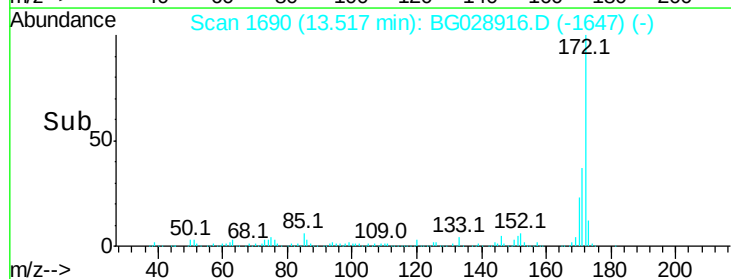
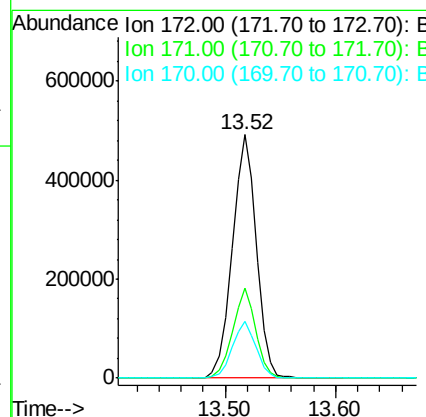
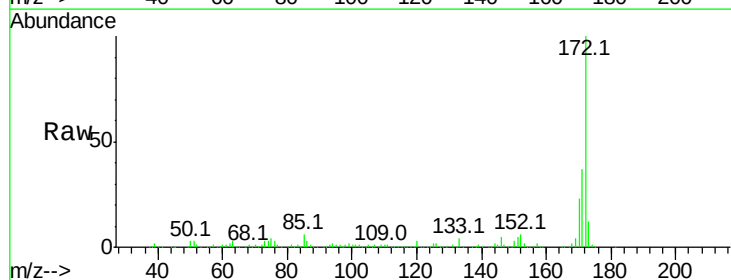
Instrument :
 BNA_G
 ClientSampleId :
 20170610-COMP-A

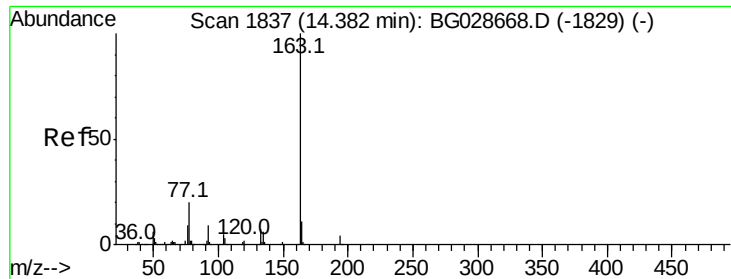
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.3	115.9
141	30.6	32.1	48.1#



#44
 2-Fluorobiphenyl
 Concen: 114.473 ng
 RT: 13.52 min Scan# 1690
 Delta R.T. -0.05 min
 Lab File: BG028916.D
 Acq: 25 Sep 2017 20:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	32.2	48.2
170	23.3	21.8	32.6





#49

Dimethylphthalate

Concen: 3.423 ng

RT: 14.34 min Scan# 1830

Delta R.T. -0.04 min

Lab File: BG028916.D

Acq: 25 Sep 2017 20:33

Instrument :

BNA_G

ClientSampleId :

20170610-COMP-A

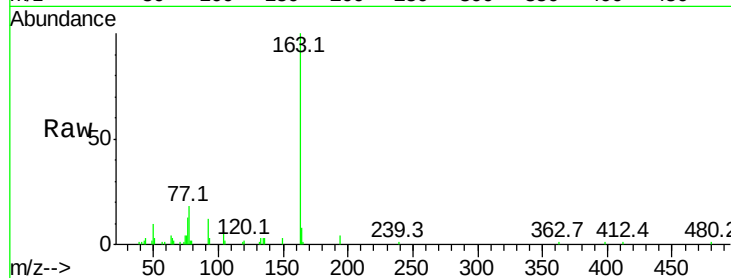
Tot Ion:163 Resp: 25060

Ion Ratio Lower Upper

163 100

194 4.2 3.8 5.6

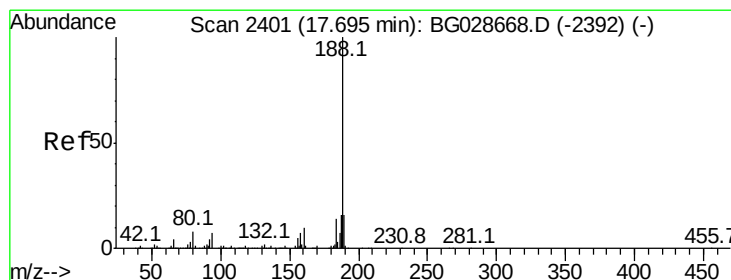
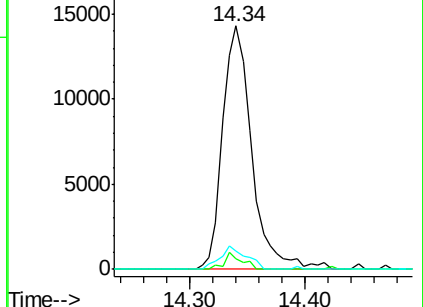
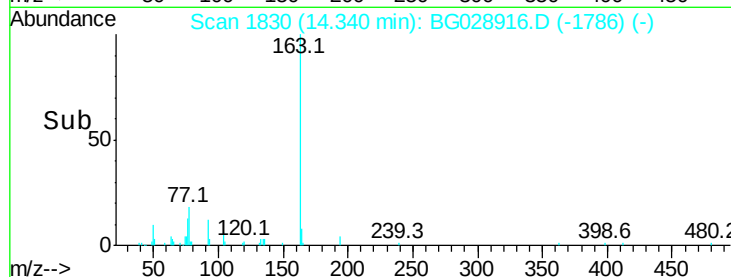
164 7.8 9.3 13.9#



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: 20.000 ng

RT: 17.65 min Scan# 2393

Delta R.T. -0.05 min

Lab File: BG028916.D

Acq: 25 Sep 2017 20:33

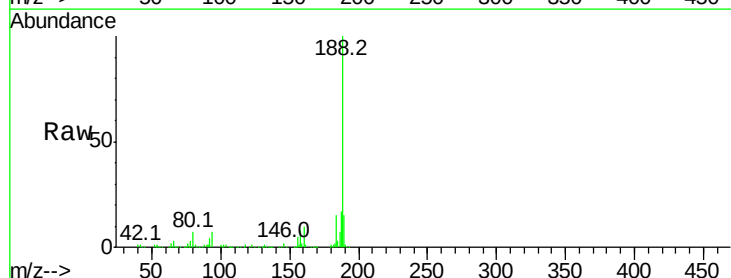
Tgt Ion:188 Resp: 239666

Ion Ratio Lower Upper

188 100

94 6.8 5.8 8.8

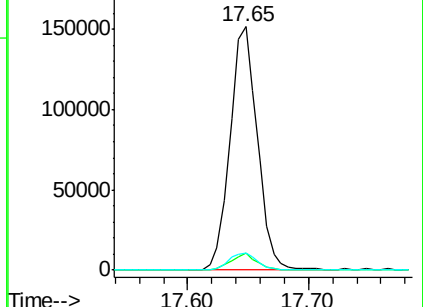
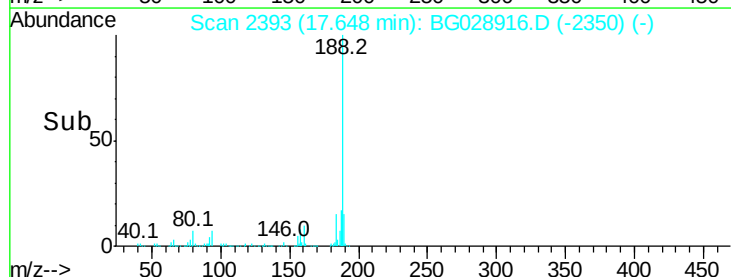
80 6.9 7.5 11.3#

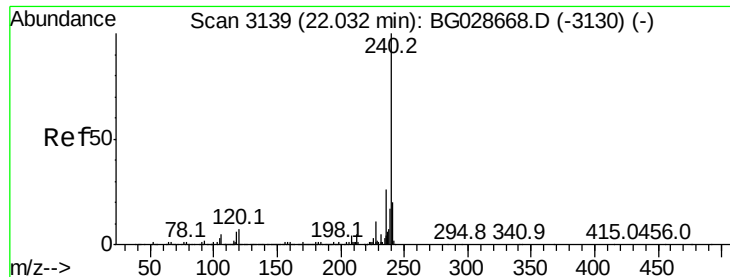


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.97 min Scan# 3128

Delta R.T. -0.07 min

Lab File: BG028916.D

Acq: 25 Sep 2017 20:33

Instrument :

BNA_G

ClientSampleId :

20170610-COMP-A

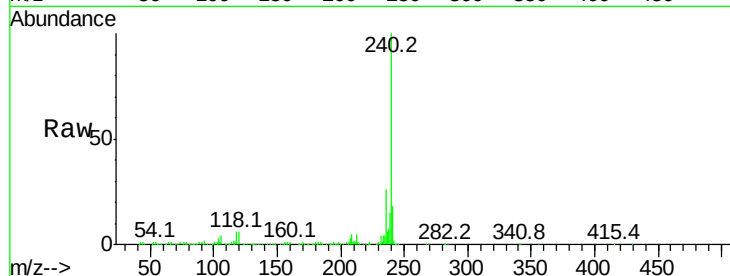
Tot Ion:240 Resp: 285714

Ion Ratio Lower Upper

240 100

120 5.6 5.7 8.5#

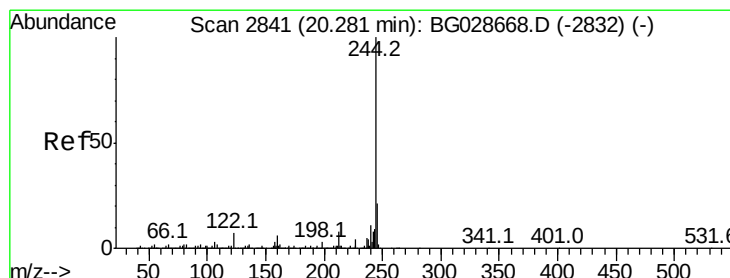
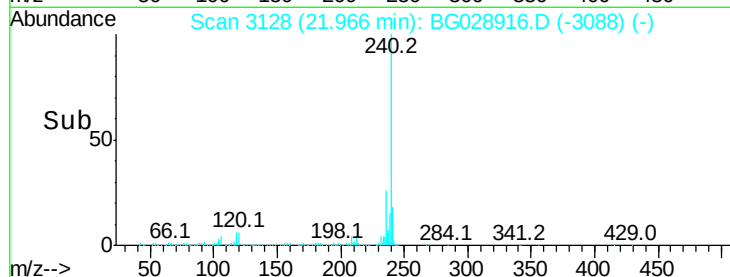
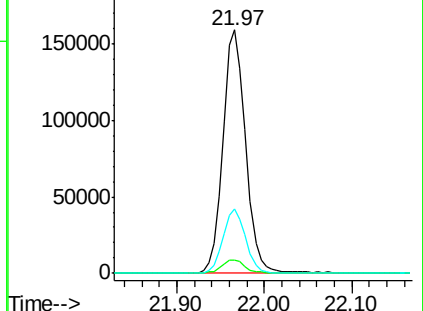
236 26.5 22.2 33.4



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: 111.166 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028916.D

Acq: 25 Sep 2017 20:33

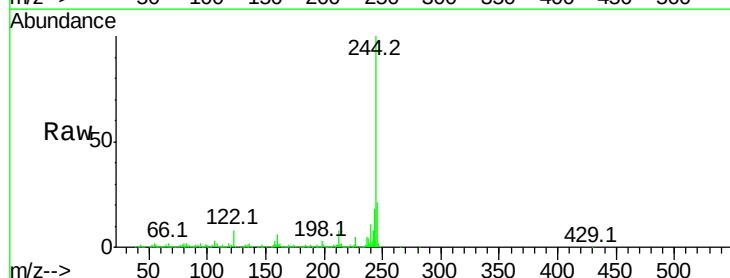
Tgt Ion:244 Resp: 1489366

Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

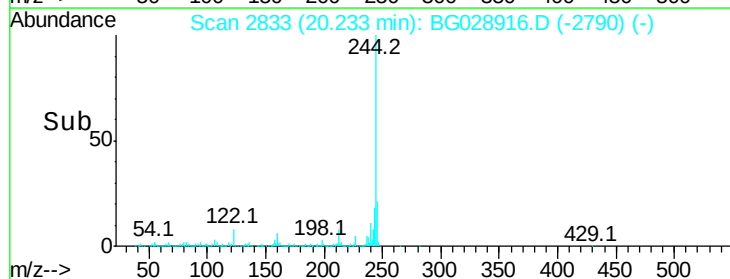
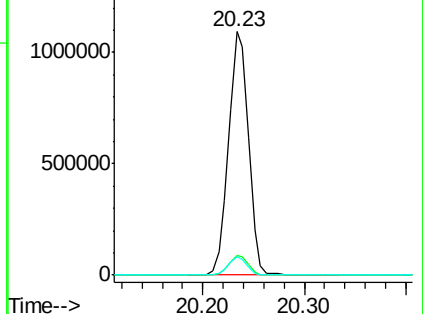
122 7.6 8.6 12.8#

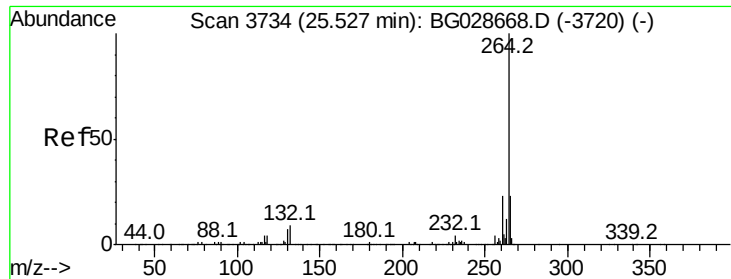


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.42 min Scan# 3716
 Delta R.T. -0.11 min
 Lab File: BG028916.D
 Acq: 25 Sep 2017 20:33

Instrument :
 BNA_G
 ClientSampleId :
 20170610-COMP-A

Tot Ion:	264	Resp:	294267
Ion	Ratio	Lower	Upper
264	100		
260	23.0	21.8	32.8
265	20.2	18.2	27.4

