

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091817\
 Data File : BG028802.D
 Acq On : 18 Sep 2017 19:39
 Operator : SJ/JU
 Sample : I5259-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20170602-COMP-C

Quant Time: Sep 19 01:11:48 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

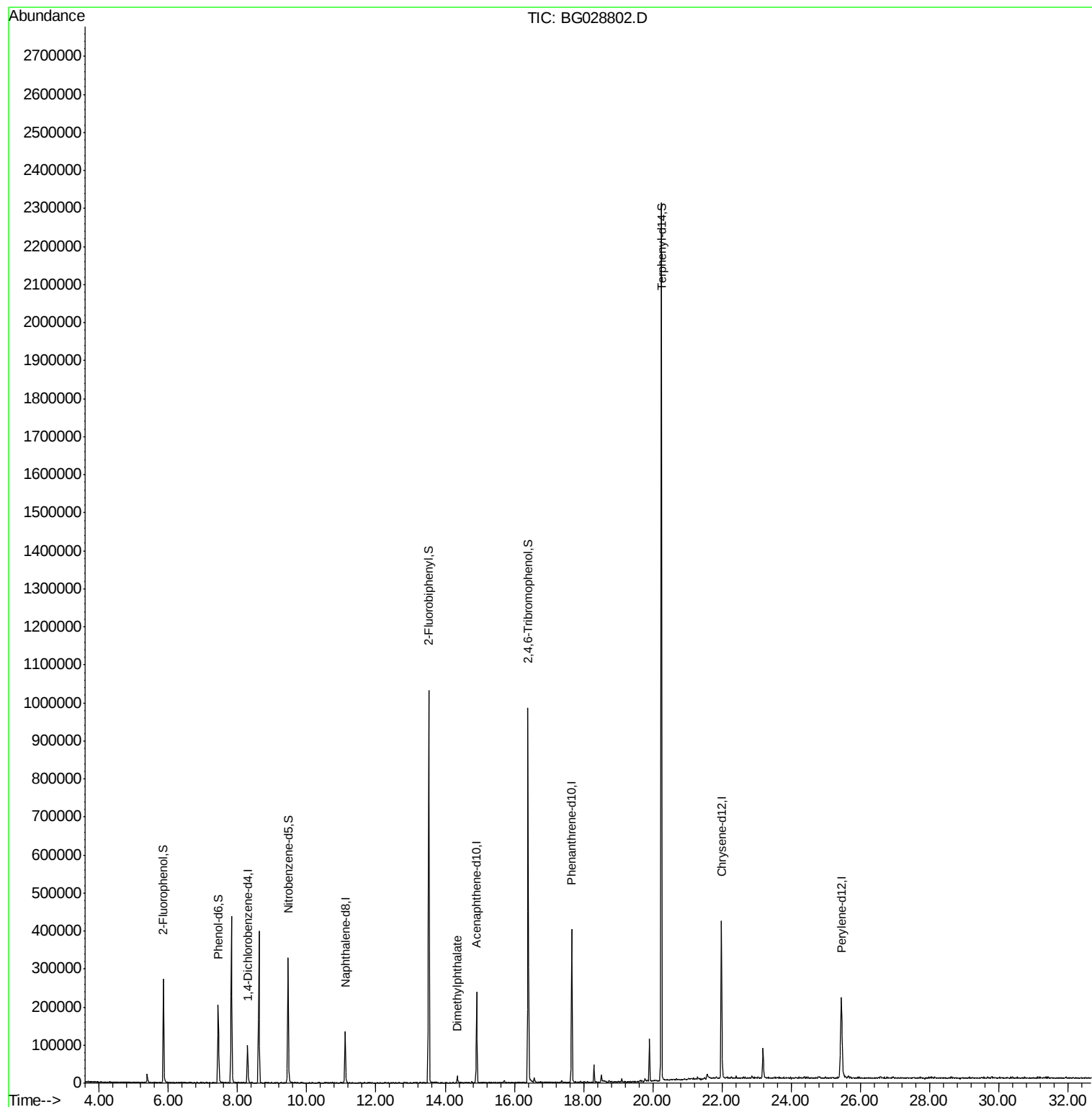
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	27862	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	118569	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	88309	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	257322	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	285773	20.00	ng	-0.05
86) Perylene-d12	25.44	264	291681	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	117921	69.84	ng	-0.05
7) Phenol-d6	7.44	99	125879	49.51	ng	-0.05
23) Nitrobenzene-d5	9.46	82	216506	87.35	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	217827	149.14	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	576860	87.10	ng	-0.04
78) Terphenyl-d14	20.25	244	1129517	84.29	ng	-0.03
Target Compounds						
49) Dimethylphthalate	14.35	163	14869	2.008	ng	Qvalue # 95

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.29 min Scan# 801

Delta R.T. -0.04 min

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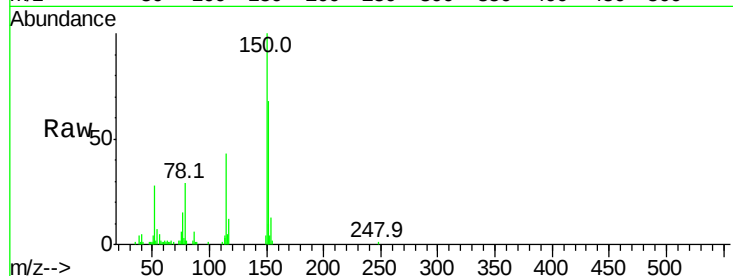
Tot Ion:152 Resp: 27862

Ion Ratio Lower Upper

152 100

150 147.5 114.0 171.0

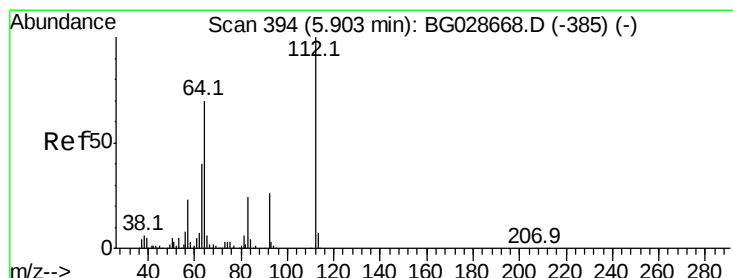
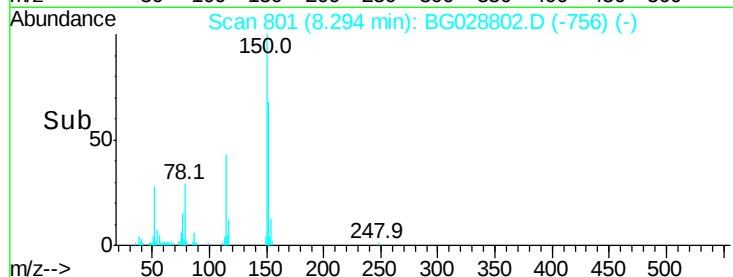
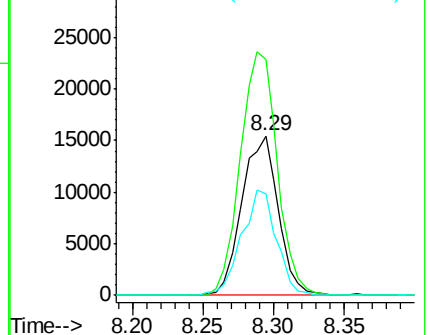
115 63.6 48.1 72.1



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: 69.835 ng

RT: 5.86 min Scan# 386

Delta R.T. -0.05 min

Lab File: BG028802.D

Acq: 18 Sep 2017 19:39

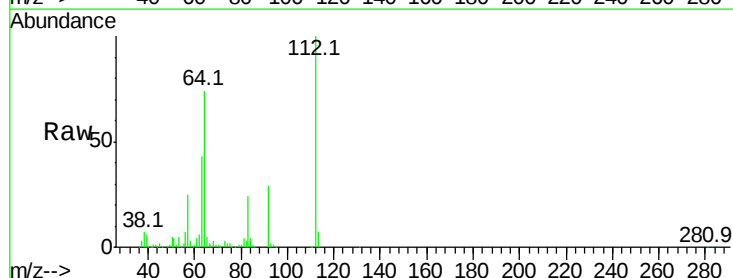
Tgt Ion:112 Resp: 117921

Ion Ratio Lower Upper

112 100

64 74.4 61.8 92.6

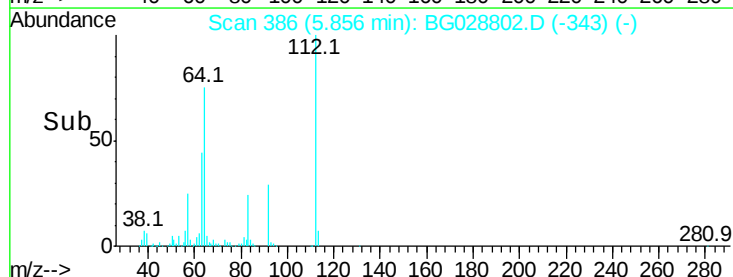
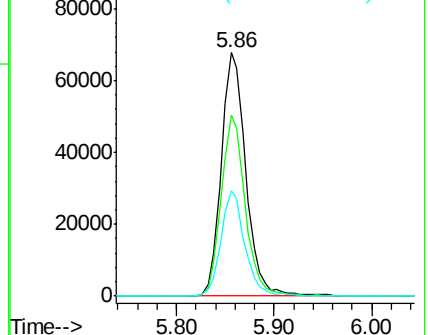
63 43.4 37.2 55.8

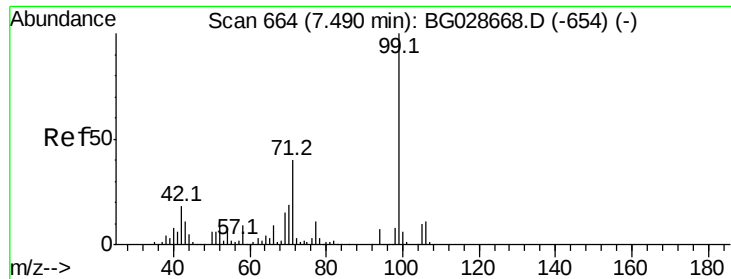


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 49.513 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028802.D

Acq: 18 Sep 2017 19:39

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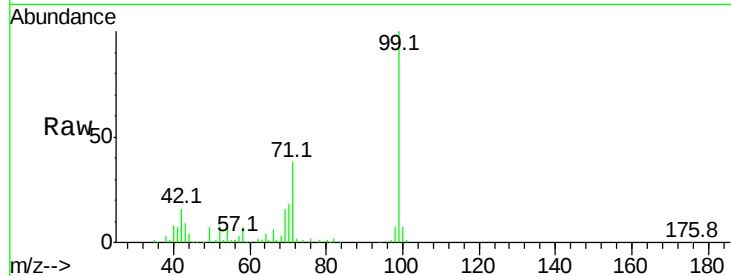
Tot Ion: 99 Resp: 125879

Ion Ratio Lower Upper

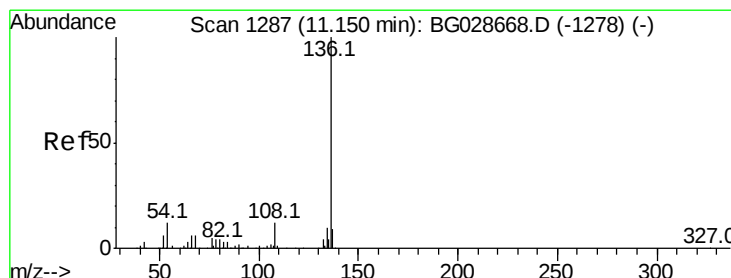
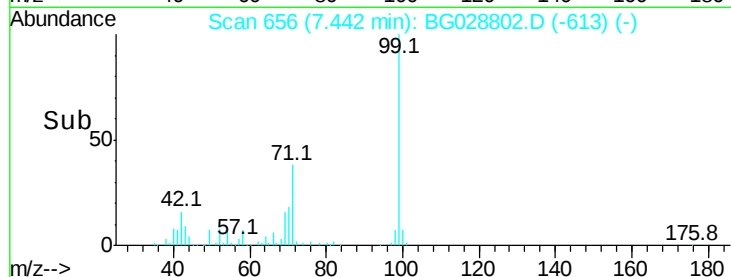
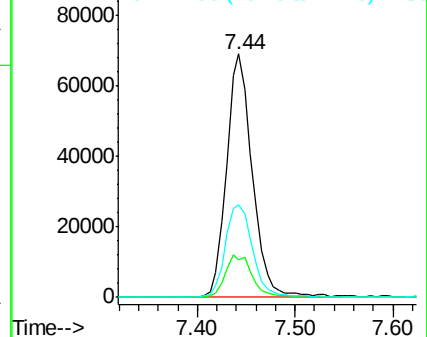
99 100

42 15.7 20.5 30.7#

71 37.9 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: 11.11 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BG028802.D

Acq: 18 Sep 2017 19:39

Tgt Ion: 136 Resp: 118569

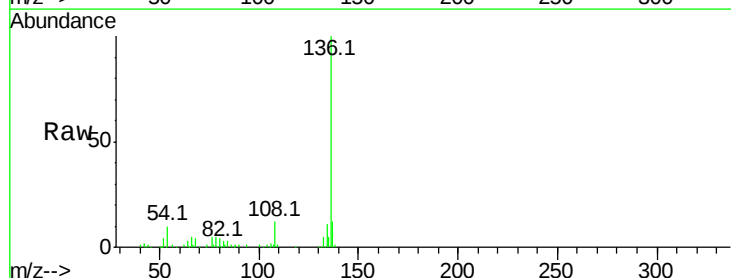
Ion Ratio Lower Upper

136 100

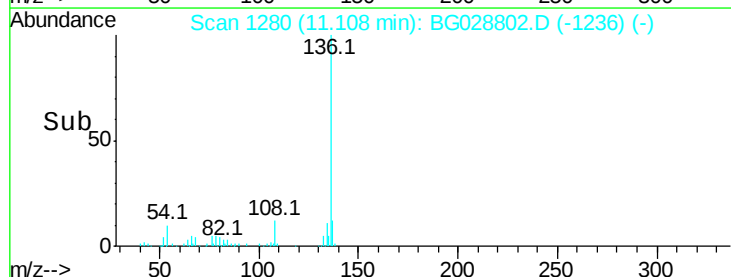
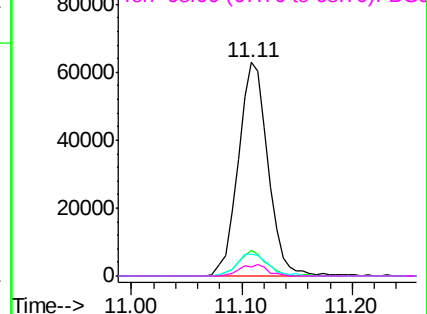
137 12.1 8.9 13.3

54 10.2 9.3 13.9

68 4.3 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

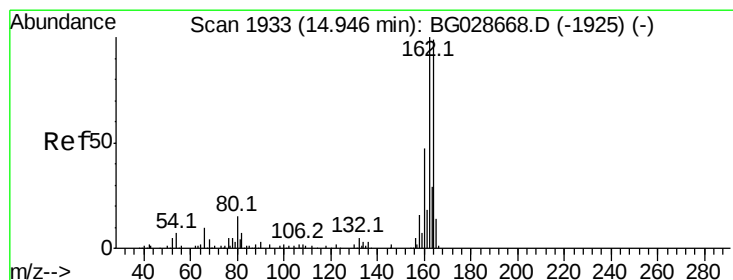
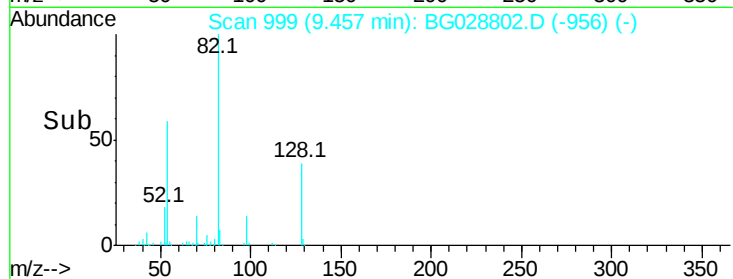
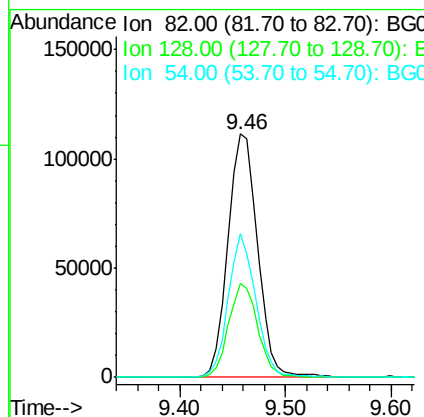
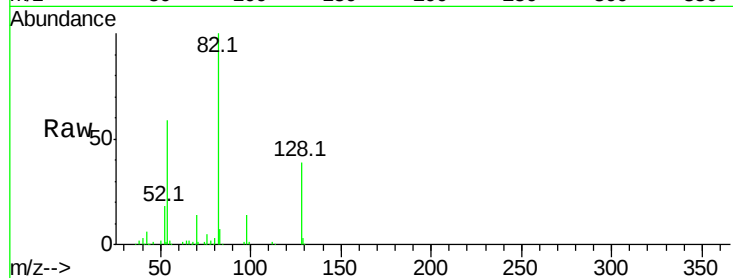




#23
Nitrobenzene-d5
Concen: 87.351 ng
RT: 9.46 min Scan# 999
Delta R.T. -0.05 min
Lab File: BG028802.D
Acq: 18 Sep 2017 19:39

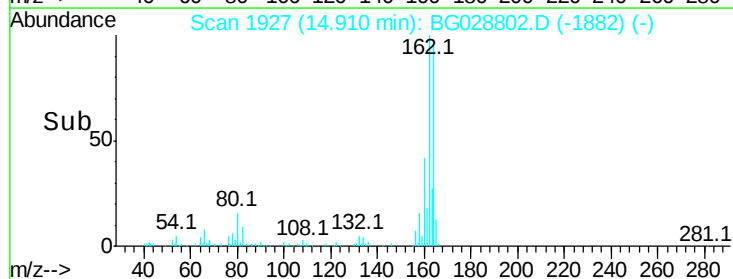
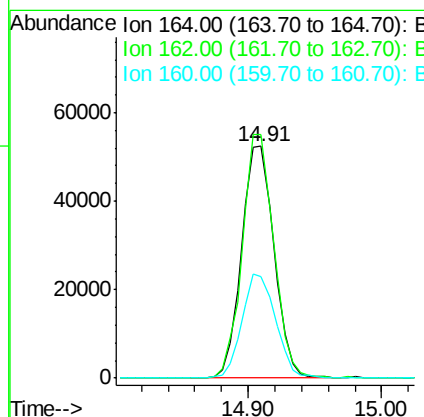
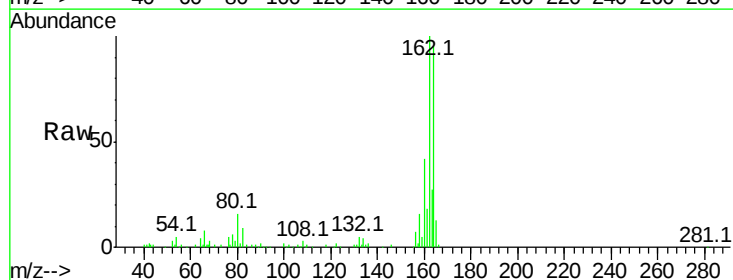
Instrument :
BNA_G
ClientSampleId :
20170602-COMP-C

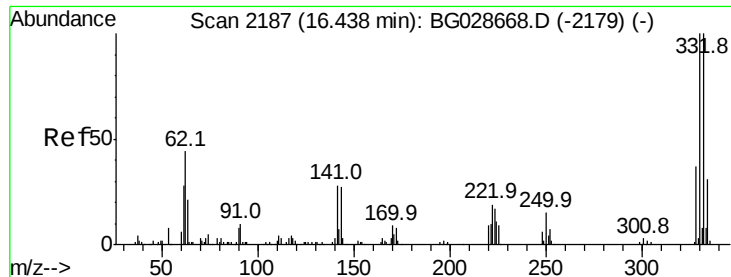
Tot Ion	82	Resp	216506
Ion Ratio	100	Lower	Upper
128	38.7	26.4	39.6
54	59.3	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.91 min Scan# 1927
Delta R.T. -0.04 min
Lab File: BG028802.D
Acq: 18 Sep 2017 19:39

Tgt Ion	164	Resp	88309
Ion Ratio	100	Lower	Upper
162	104.9	85.1	127.7
160	43.6	34.7	52.1

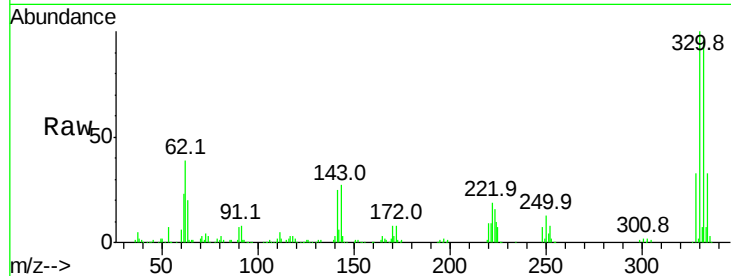




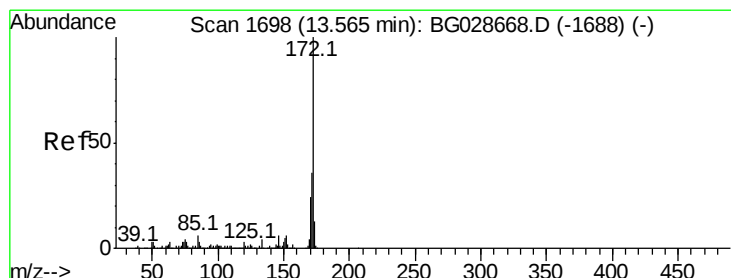
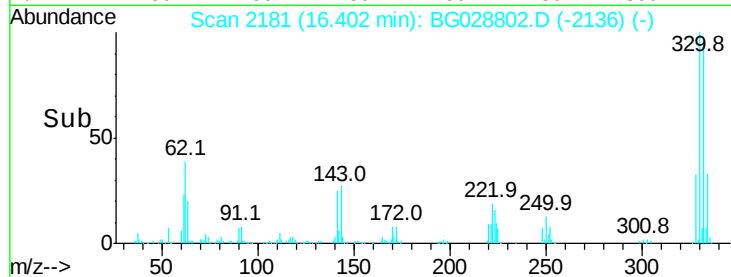
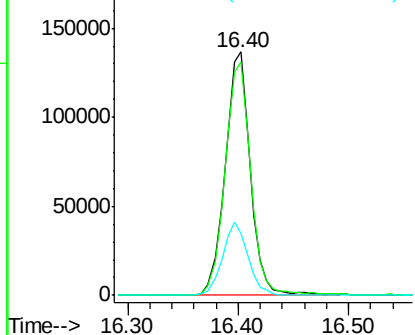
#41
 2,4,6-Tribromophenol
 Concen: 149.138 ng
 RT: 16.40 min Scan# 2181
 Delta R.T. -0.04 min
 Lab File: BG028802.D
 Acq: 18 Sep 2017 19:39

Instrument :
 BNA_G
 ClientSampleId :
 20170602-COMP-C

Tot Ion:330 Resp: 217827
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.3 115.9
 141 30.5 32.1 48.1#

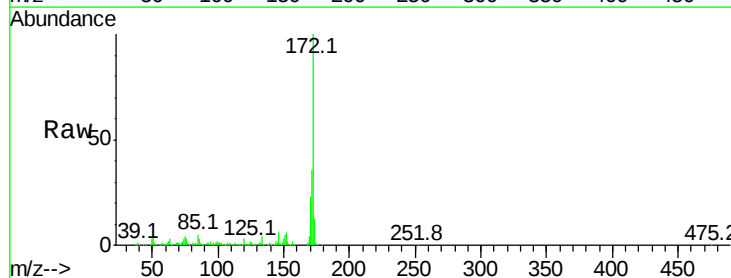


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

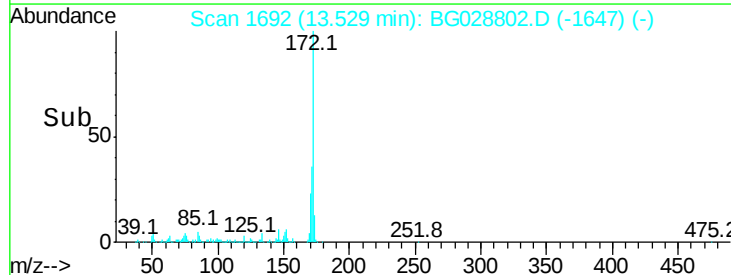
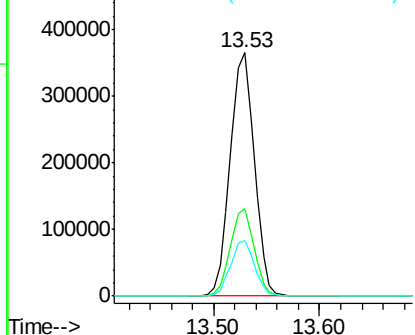


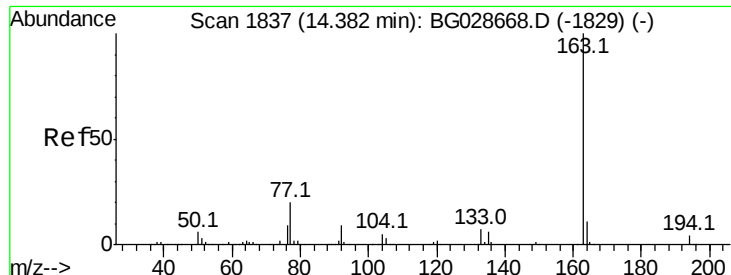
#44
 2-Fluorobiphenyl
 Concen: 87.103 ng
 RT: 13.53 min Scan# 1692
 Delta R.T. -0.04 min
 Lab File: BG028802.D
 Acq: 18 Sep 2017 19:39

Tgt Ion:172 Resp: 576860
 Ion Ratio Lower Upper
 172 100
 171 35.7 32.2 48.2
 170 22.7 21.8 32.6



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: 2.008 ng

RT: 14.35 min Scan# 1832

Delta R.T. -0.03 min

Lab File: BG028802.D

Acq: 18 Sep 2017 19:39

Instrument :

BNA_G

ClientSampleId :

20170602-COMP-C

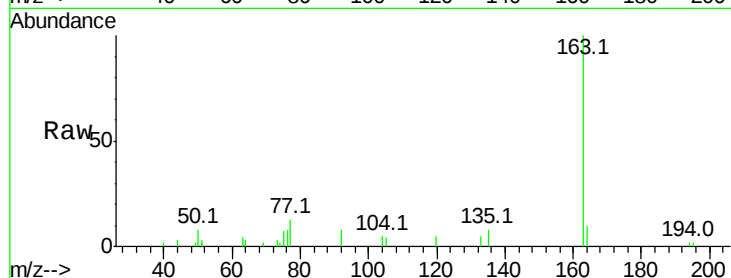
Tot Ion:163 Resp: 14869

Ion Ratio Lower Upper

163 100

194 2.5 3.8 5.6#

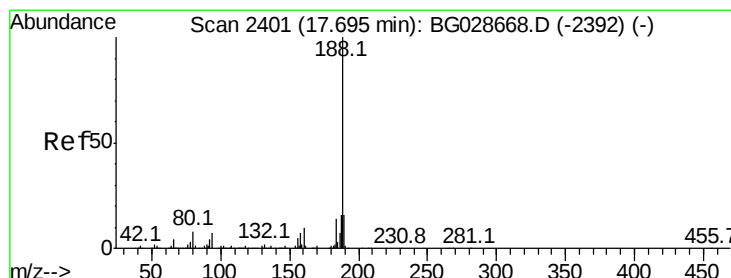
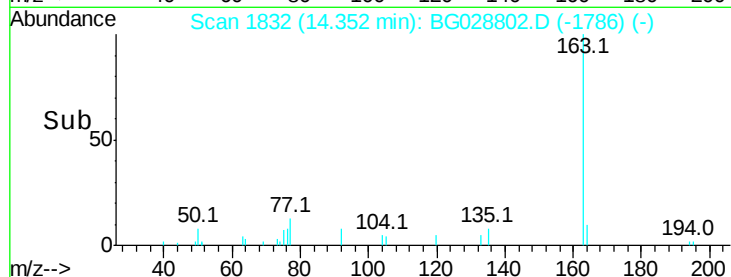
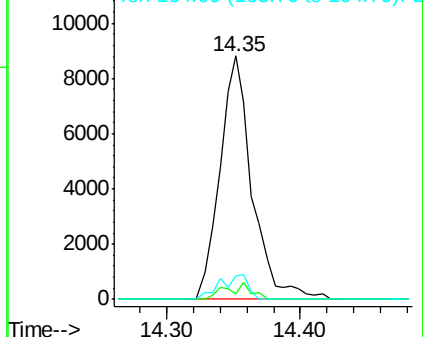
164 9.8 9.3 13.9



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: 17.66 min Scan# 2395

Delta R.T. -0.04 min

Lab File: BG028802.D

Acq: 18 Sep 2017 19:39

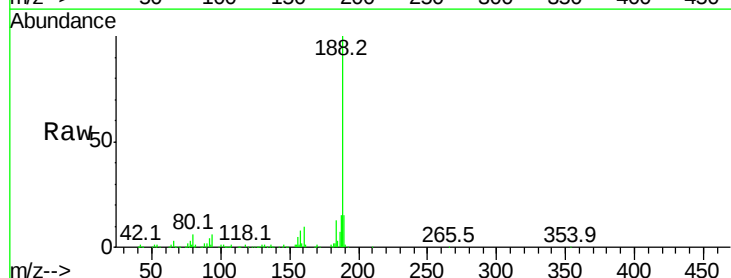
Tgt Ion:188 Resp: 257322

Ion Ratio Lower Upper

188 100

94 6.3 5.8 8.8

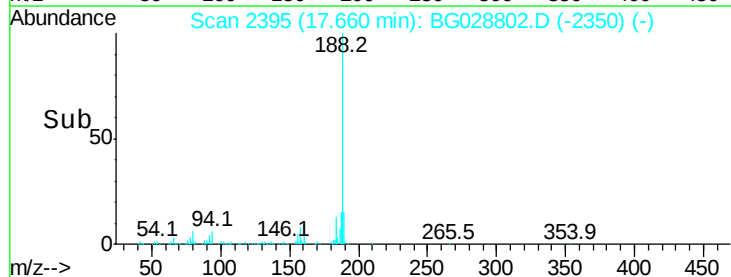
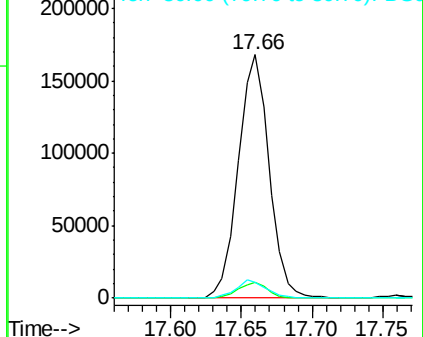
80 6.5 7.5 11.3#

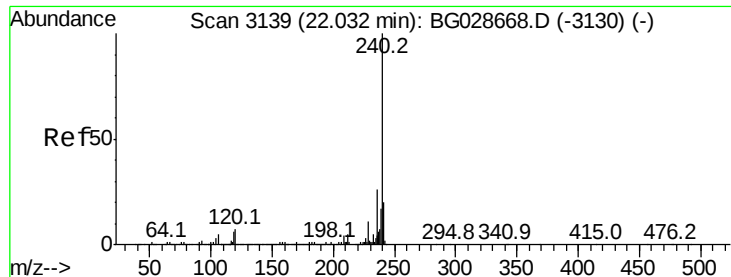


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.98 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028802.D

Acq: 18 Sep 2017 19:39

Instrument :

BNA_G

ClientSampleId :

20170602-COMP-C

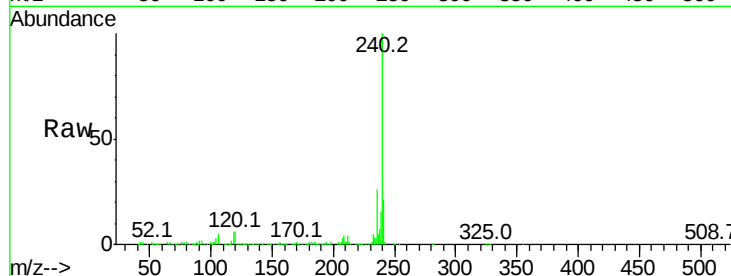
Tot Ion:240 Resp: 285773

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

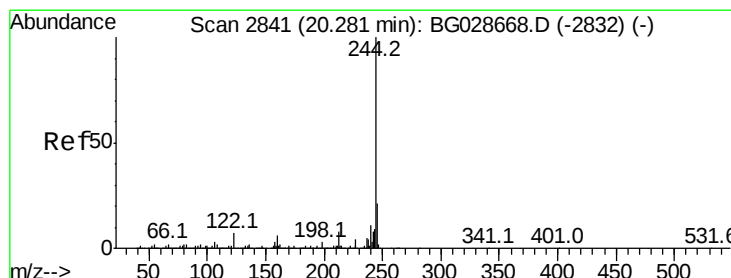
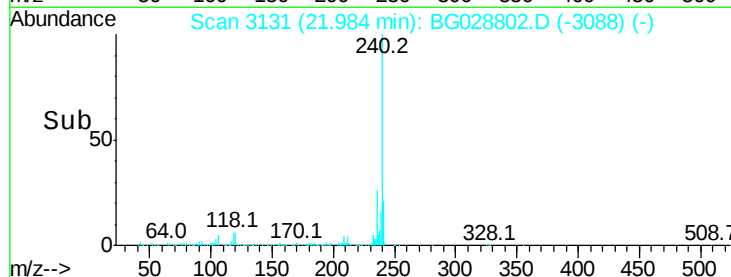
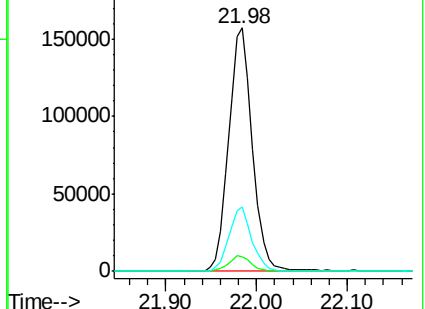
236 26.4 22.2 33.4



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: 84.290 ng

RT: 20.25 min Scan# 2836

Delta R.T. -0.03 min

Lab File: BG028802.D

Acq: 18 Sep 2017 19:39

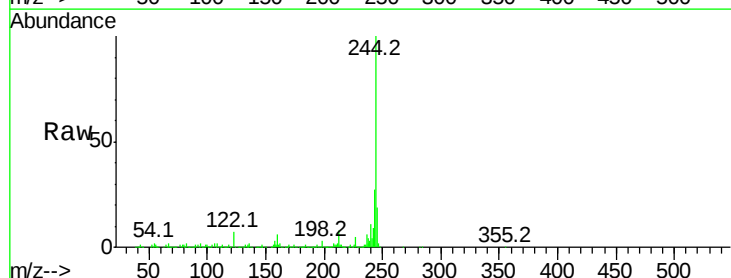
Tgt Ion:244 Resp: 1129517

Ion Ratio Lower Upper

244 100

212 7.6 10.0 15.0#

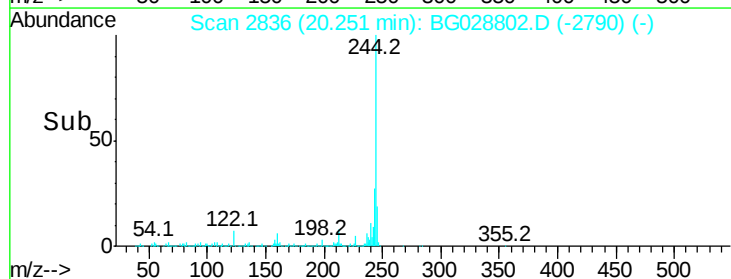
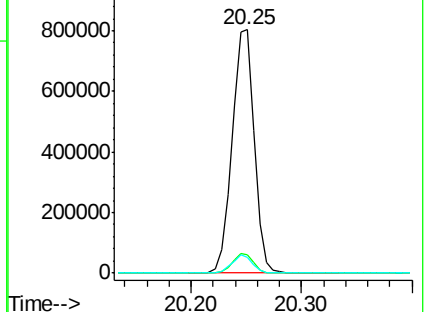
122 6.5 8.6 12.8#

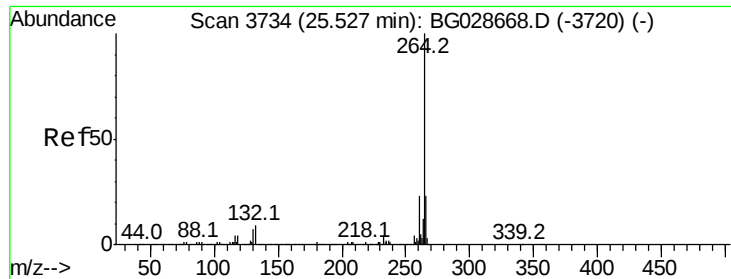


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.44 min Scan# 3720
 Delta R.T. -0.08 min
 Lab File: BG028802.D
 Acq: 18 Sep 2017 19:39

Instrument :
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Tot Ion:	264	Resp:	291681
Ion	Ratio	Lower	Upper
264	100		
260	21.8	21.8	32.8
265	20.0	18.2	27.4

