

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070317\
 Data File : BG027833.D
 Acq On : 3 Jul 2017 15:36
 Operator : SJ/JU
 Sample : I4007-10RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP5-MH2097-COMPARE

Quant Time: Jul 04 07:06:01 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	28160	20.00	ng	-0.03
21) Naphthalene-d8	11.27	136	124903	20.00	ng	-0.03
38) Acenaphthene-d10	15.04	164	23116	20.00	ng	-0.02
63) Phenanthrene-d10	17.79	188	108097	20.00	ng	-0.03
75) Chrysene-d12	22.14	240	15035	20.00	ng	-0.03
86) Perylene-d12	0.00	264	0	0.00	ng	-25.79
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	233178	127.51	ng	-0.03
7) Phenol-d6	7.59	99	127970	45.81	ng	-0.02
23) Nitrobenzene-d5	9.62	82	225998	100.86	ng	-0.03
41) 2,4,6-Tribromophenol	16.53	330	228977	722.19	ng	-0.02
44) 2-Fluorobiphenyl	13.66	172	595972	368.21	ng	-0.03
78) Terphenyl-d14	20.37	244	455520	710.28	ng	-0.02

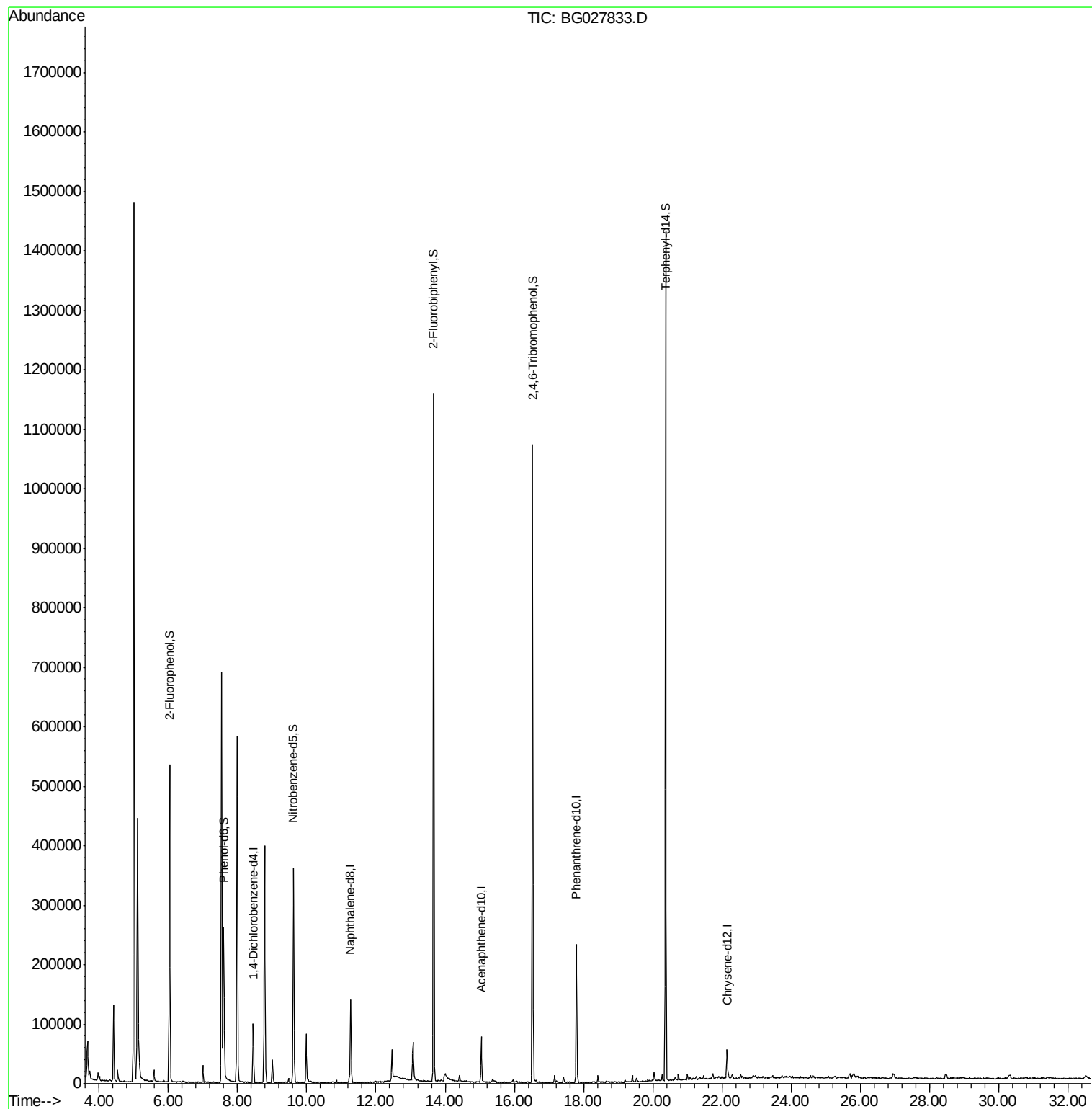
Target Compounds	Qvalue
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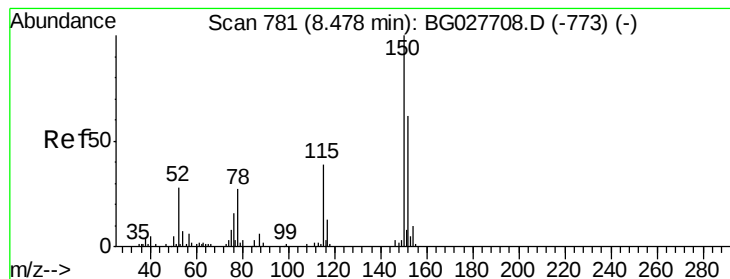
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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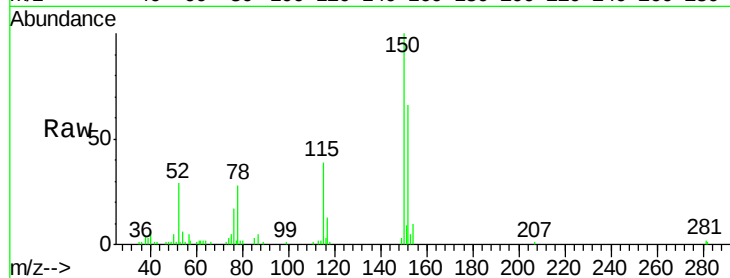


#1

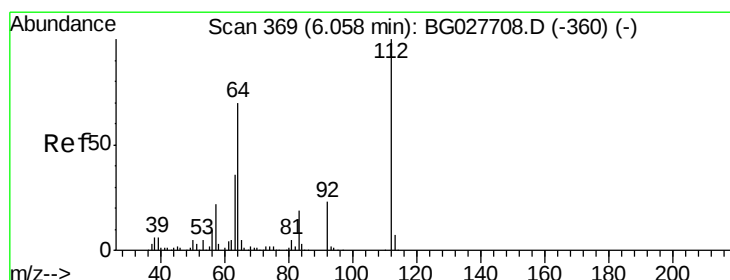
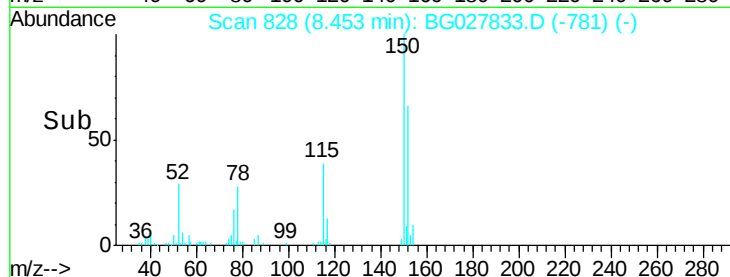
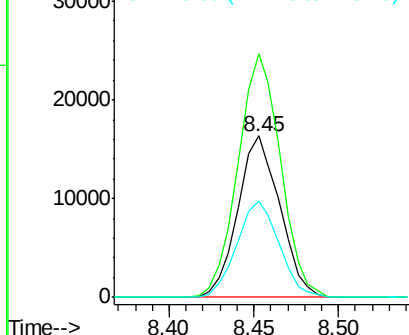
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.45 min Scan# 828
Delta R.T. -0.03 min
Lab File: BG027833.D
Acq: 3 Jul 2017 15:36

Instrument :
BNA_G
ClientSampleId :
TP5-MH2097-COMP

Tgt Ion:152 Resp: 28160
Ion Ratio Lower Upper
152 100
150 150.9 114.0 171.0
115 59.5 48.1 72.1



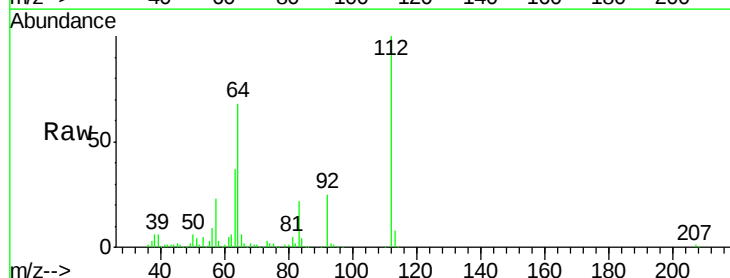
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



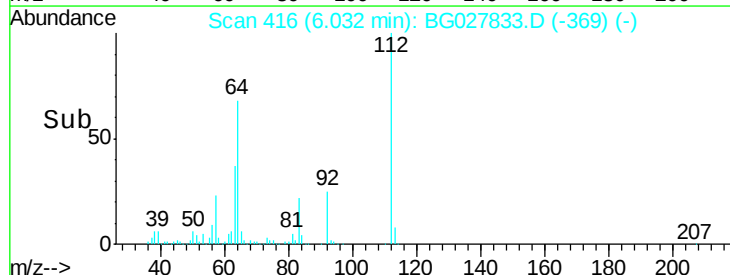
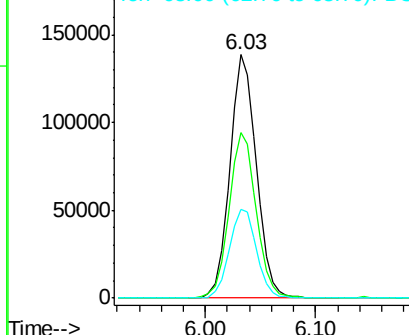
#5

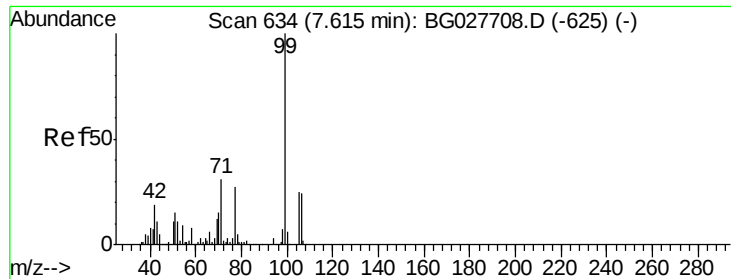
2-Fluorophenol
Concen: 127.512 ng
RT: 6.03 min Scan# 416
Delta R.T. -0.03 min
Lab File: BG027833.D
Acq: 3 Jul 2017 15:36

Tgt Ion:112 Resp: 233178
Ion Ratio Lower Upper
112 100
64 68.1 61.8 92.6
63 36.6 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 45.807 ng

RT: 7.59 min Scan# 682

Delta R.T. -0.02 min

Lab File: BG027833.D

Acq: 3 Jul 2017 15:36

Instrument :

BNA_G

ClientSampleId :

TP5-MH2097-COMP

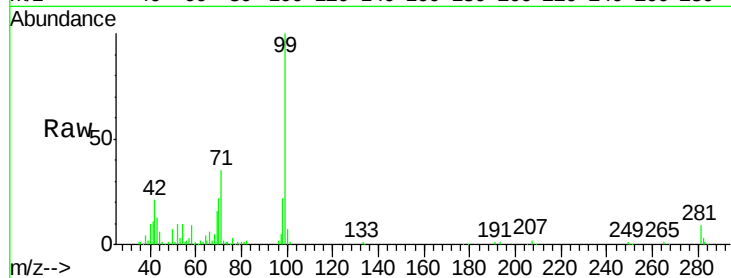
Tgt Ion: 99 Resp: 127970

Ion Ratio Lower Upper

99 100

42 21.2 20.5 30.7

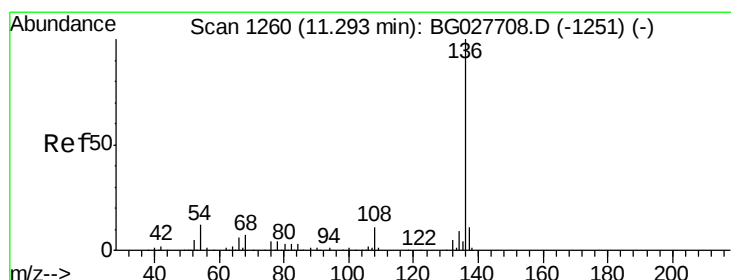
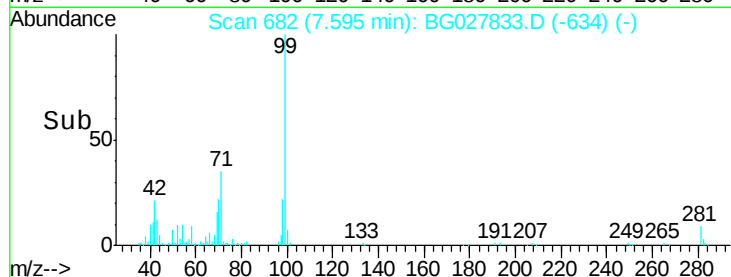
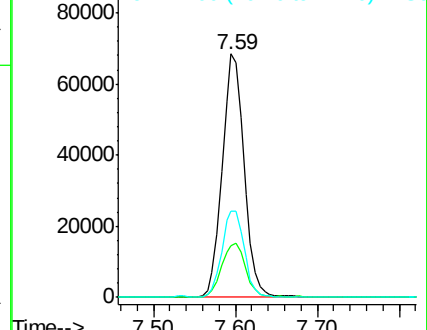
71 35.5 37.6 56.4#



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: 11.27 min Scan# 1307

Delta R.T. -0.03 min

Lab File: BG027833.D

Acq: 3 Jul 2017 15:36

Tgt Ion: 136 Resp: 124903

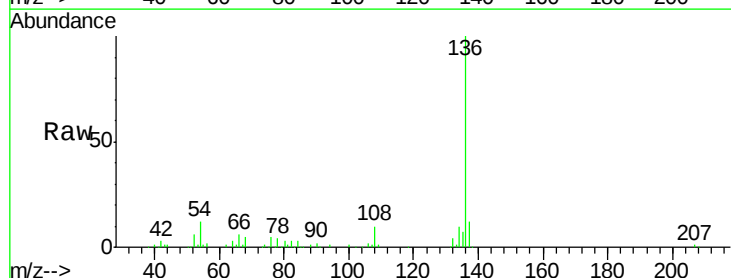
Ion Ratio Lower Upper

136 100

137 11.8 8.9 13.3

54 12.1 9.3 13.9

68 5.2 5.1 7.7

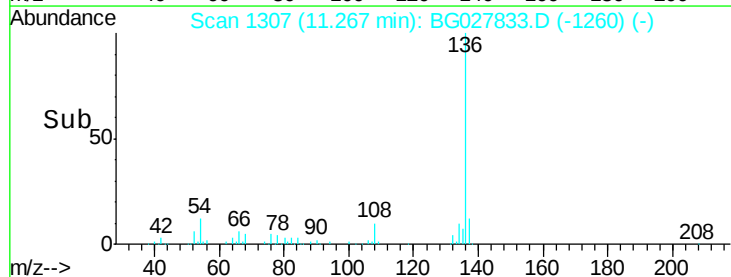
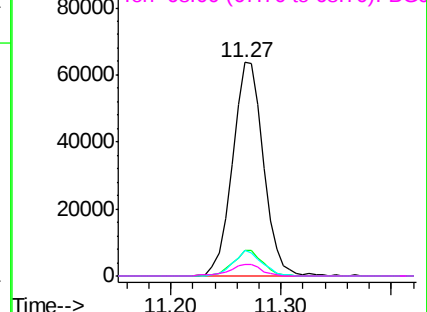


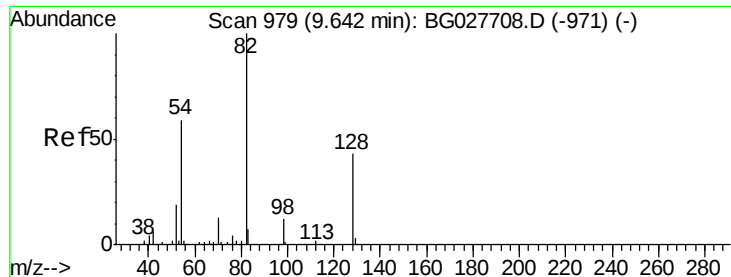
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

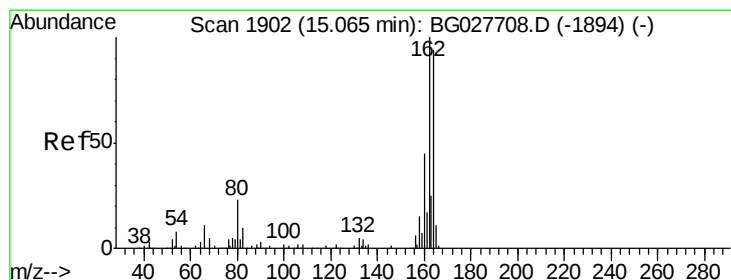
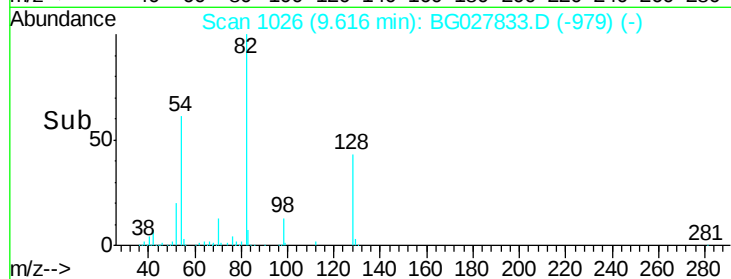
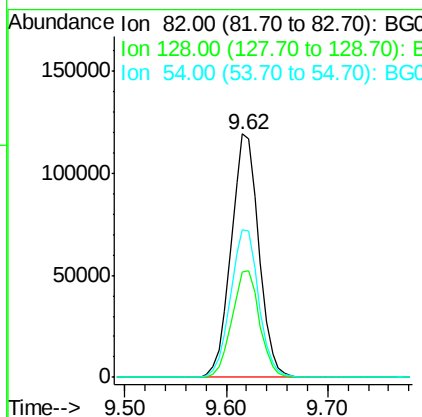
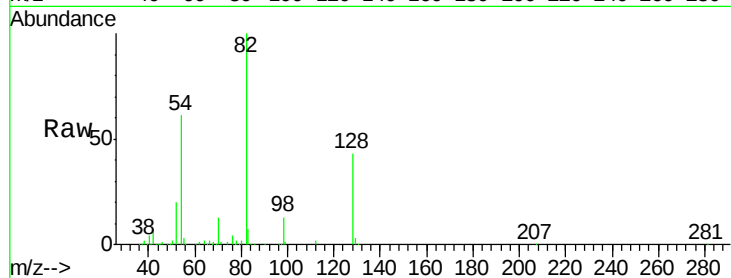




#23
 Nitrobenzene-d5
 Concen: 100.857 ng
 RT: 9.62 min Scan# 1026
 Delta R.T. -0.03 min
 Lab File: BG027833.D
 Acq: 3 Jul 2017 15:36

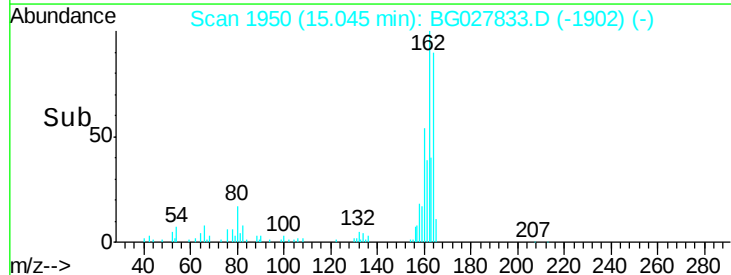
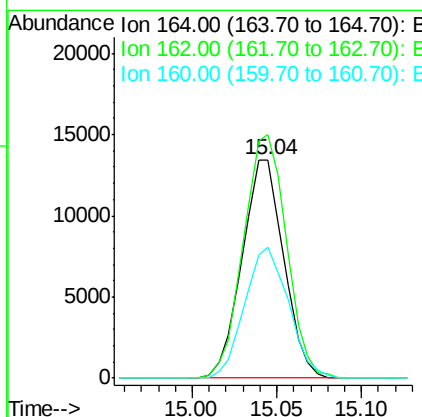
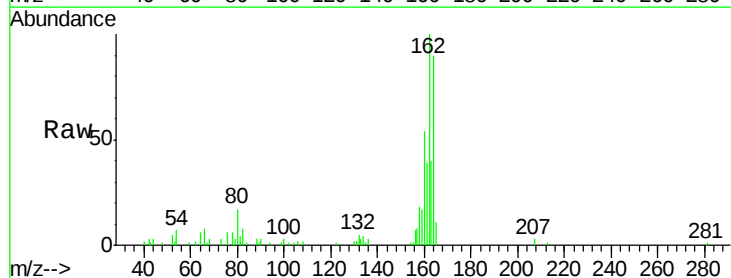
Instrument :
 BNA_G
 ClientSampleId :
 TP5-MH2097-COMP

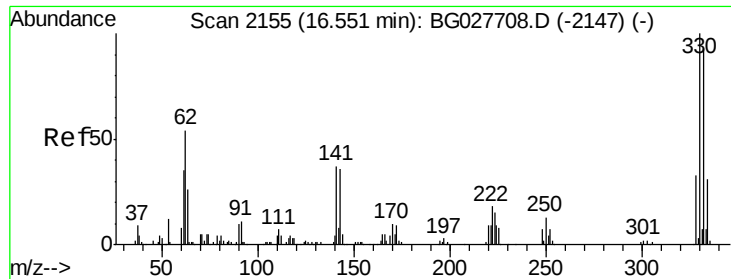
Tgt Ion: 82 Resp: 225998
 Ion Ratio Lower Upper
 82 100
 128 43.2 26.4 39.6#
 54 60.7 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.04 min Scan# 1950
 Delta R.T. -0.02 min
 Lab File: BG027833.D
 Acq: 3 Jul 2017 15:36

Tgt Ion: 164 Resp: 23116
 Ion Ratio Lower Upper
 164 100
 162 111.4 85.1 127.7
 160 60.2 34.7 52.1#





#41

2,4,6-Tribromophenol

Concen: 722.186 ng

RT: 16.53 min Scan# 2203

Delta R.T. -0.02 min

Lab File: BG027833.D

Acq: 3 Jul 2017 15:36

Instrument :

BNA_G

ClientSampleId :

TP5-MH2097-COMPRE

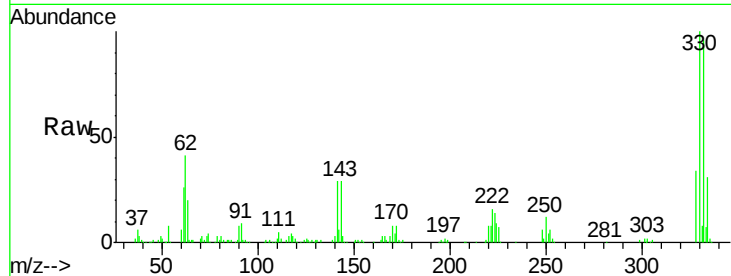
Tgt Ion:330 Resp: 228977

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

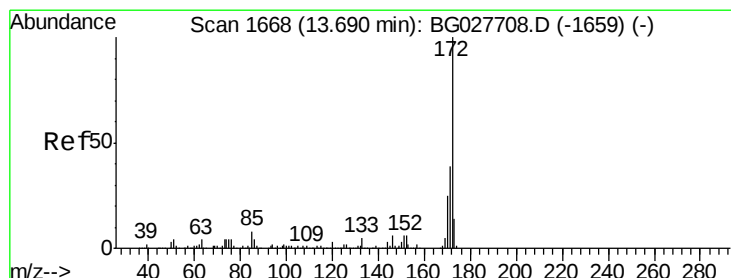
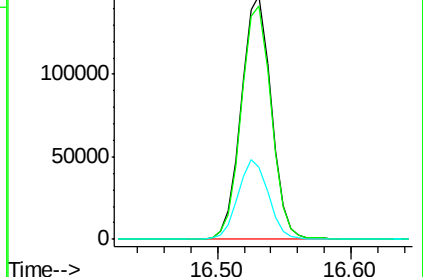
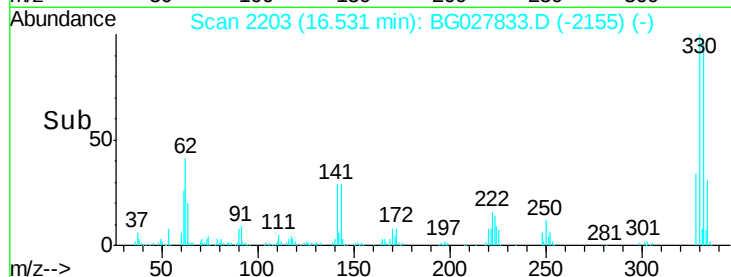
141 33.5 32.1 48.1



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: 368.208 ng

RT: 13.66 min Scan# 1715

Delta R.T. -0.03 min

Lab File: BG027833.D

Acq: 3 Jul 2017 15:36

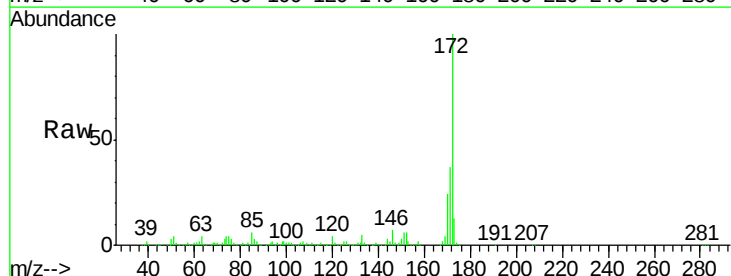
Tgt Ion:172 Resp: 595972

Ion Ratio Lower Upper

172 100

171 37.2 32.2 48.2

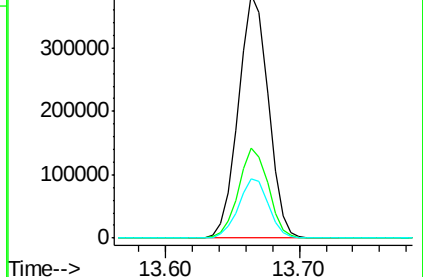
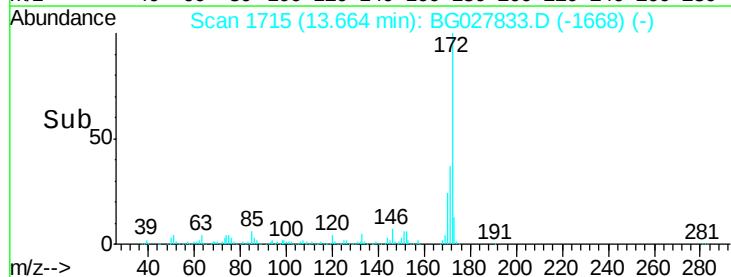
170 24.5 21.8 32.6

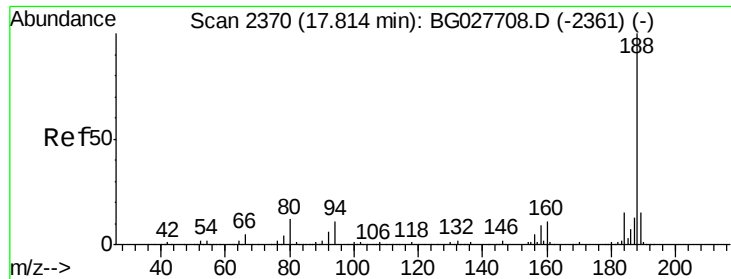


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

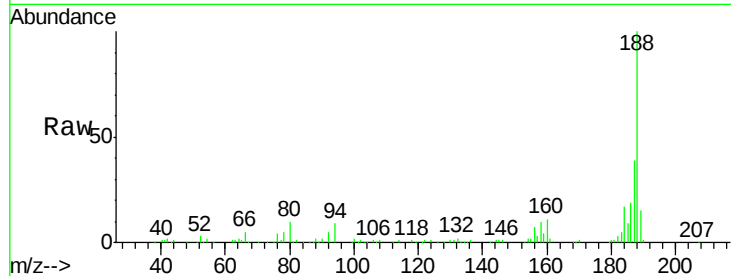




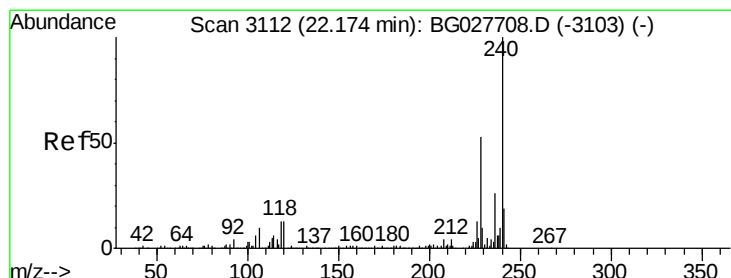
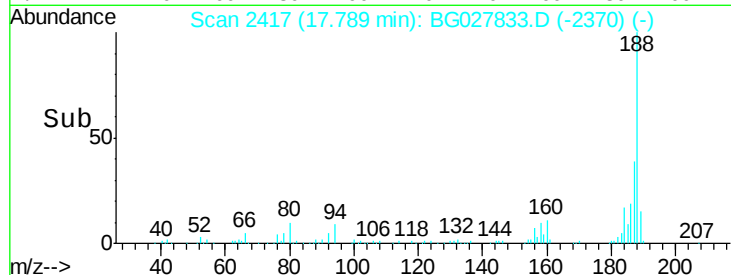
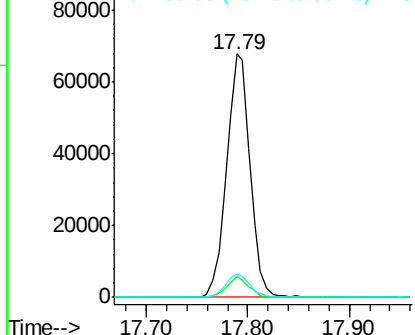
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.79 min Scan# 2417
Delta R.T. -0.03 min
Lab File: BG027833.D
Acq: 3 Jul 2017 15:36

Instrument :
BNA_G
ClientSampleId :
TP5-MH2097-COMP

Tgt Ion:188 Resp: 108097
Ion Ratio Lower Upper
188 100
94 8.6 5.8 8.8
80 9.7 7.5 11.3

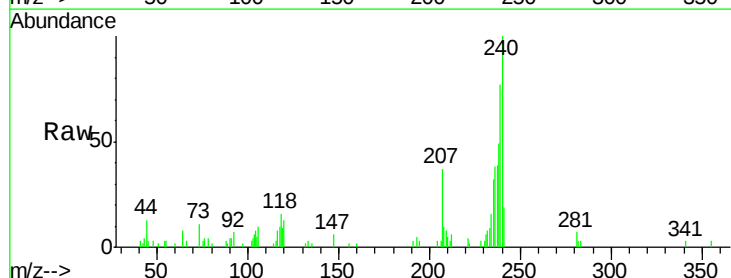


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

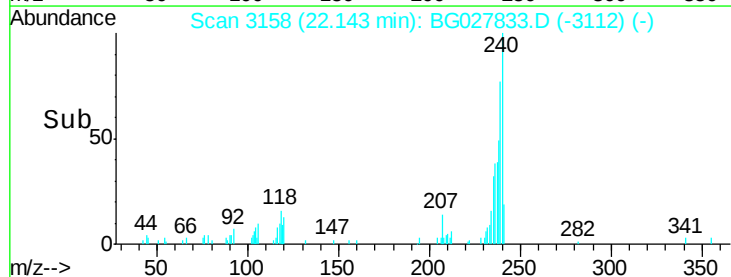
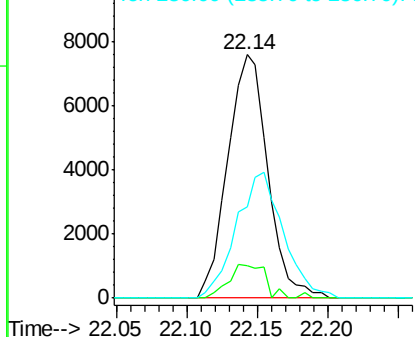


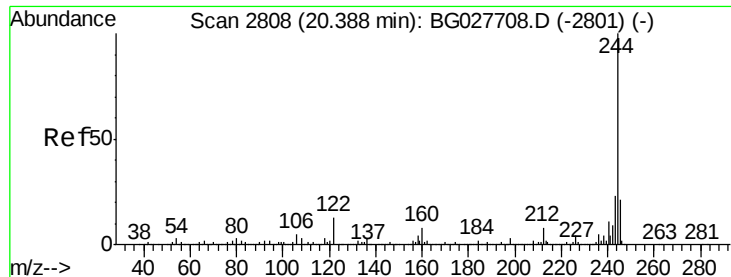
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.14 min Scan# 3158
Delta R.T. -0.03 min
Lab File: BG027833.D
Acq: 3 Jul 2017 15:36

Tgt Ion:240 Resp: 15035
Ion Ratio Lower Upper
240 100
120 13.1 5.7 8.5#
236 37.5 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: 710.280 ng

RT: 20.37 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG027833.D

Acq: 3 Jul 2017 15:36

Instrument :

BNA_G

ClientSampleId :

TP5-MH2097-COMPRE

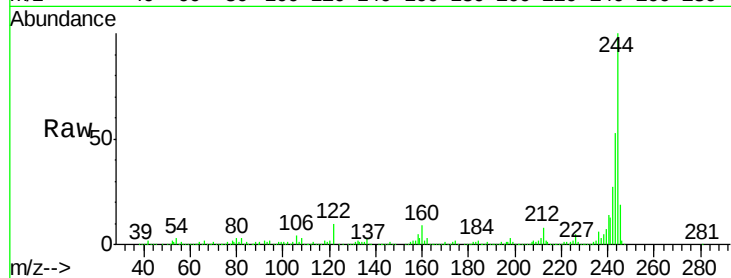
Tgt Ion: 244 Resp: 455520

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

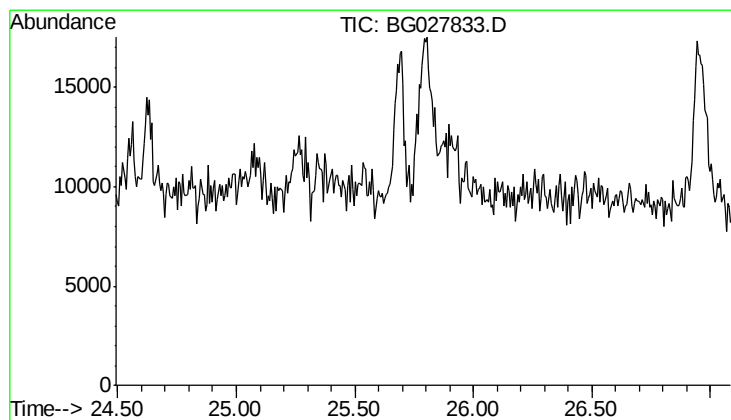
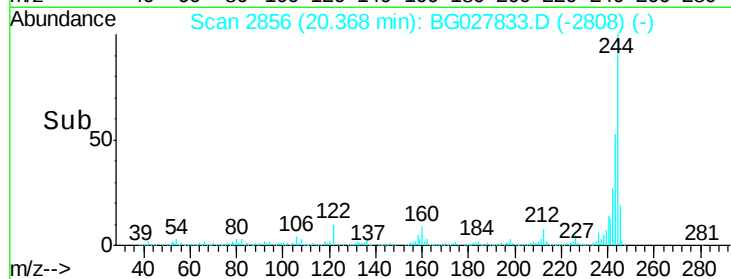
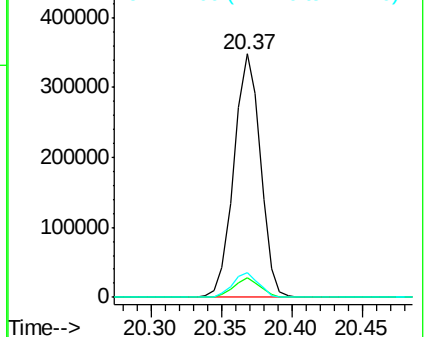
122 10.0 8.6 12.8



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

Perylene-d12

Concen: 0.000 ng

Expected RT: 25.79 min

Lab File: BG027833.D

Acq: 3 Jul 2017 15:36

Tgt Ion: 264

Sig Exp Ratio

264 100

260 27.3

265 22.8

