

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG062417\
 Data File : BG027673.D
 Acq On : 25 Jun 2017 00:05
 Operator : SJ/JU
 Sample : I3872-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-062217-C

Quant Time: Jun 26 07:19:01 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

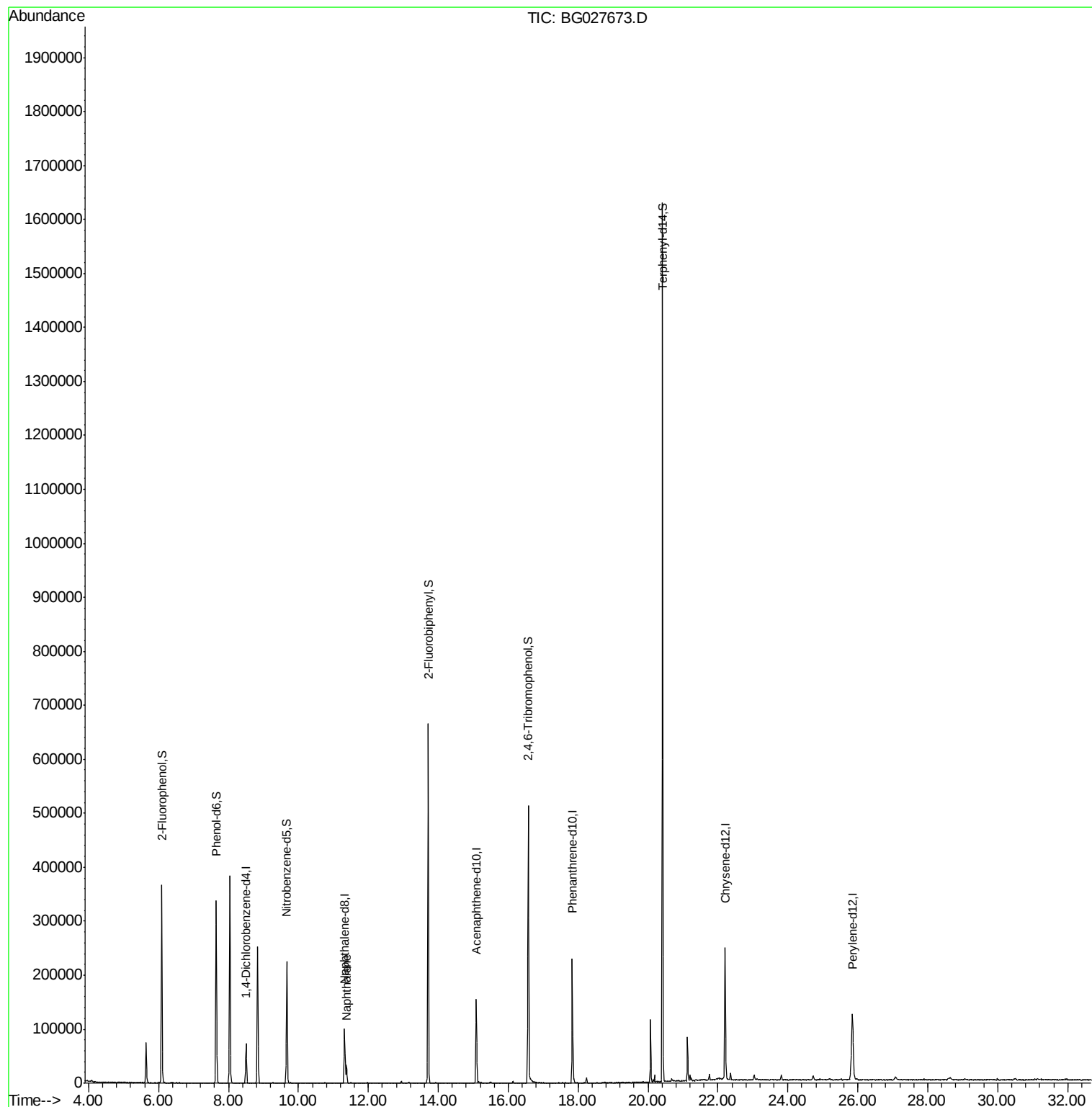
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	19067	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	87602	20.00	ng	-0.01
38) Acenaphthene-d10	15.09	164	53573	20.00	ng	0.00
63) Phenanthrene-d10	17.83	188	148103	20.00	ng	-0.01
75) Chrysene-d12	22.20	240	170716	20.00	ng	-0.01
86) Perylene-d12	25.85	264	163708	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	147265	109.92	ng	0.00
7) Phenol-d6	7.65	99	182992	92.27	ng	0.00
23) Nitrobenzene-d5	9.67	82	139430	75.31	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	101835	127.50	ng	-0.01
44) 2-Fluorobiphenyl	13.71	172	326299	83.20	ng	-0.01
78) Terphenyl-d14	20.41	244	684599	94.48	ng	0.00
Target Compounds						
31) Naphthalene	11.38	128	29068	6.139	ng	Qvalue # 94

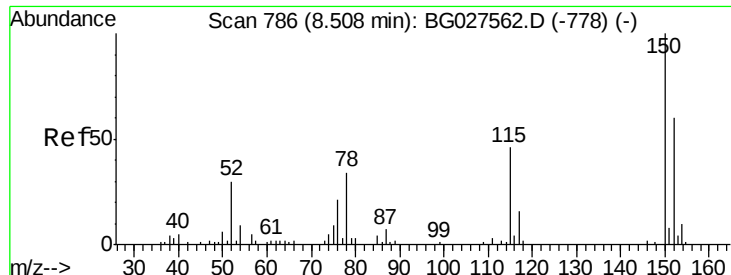
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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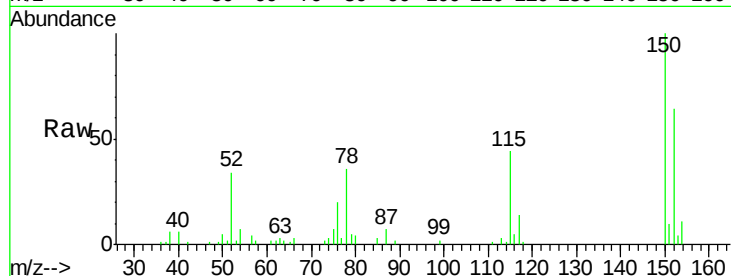


#1

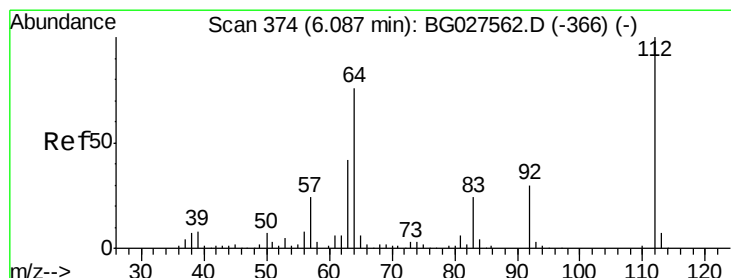
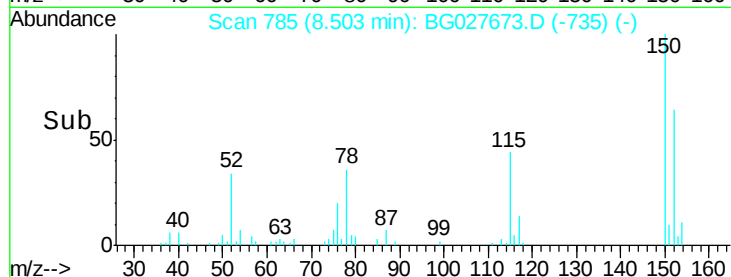
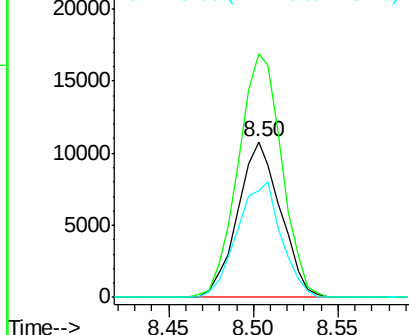
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.50 min Scan# 785
Delta R.T. -0.00 min
Lab File: BG027673.D
Acq: 25 Jun 2017 00:05

Instrument :
BNA_G
ClientSampleId :
HR-05-062217-C

Tgt Ion:152 Resp: 19067
Ion Ratio Lower Upper
152 100
150 156.3 114.0 171.0
115 68.6 48.1 72.1



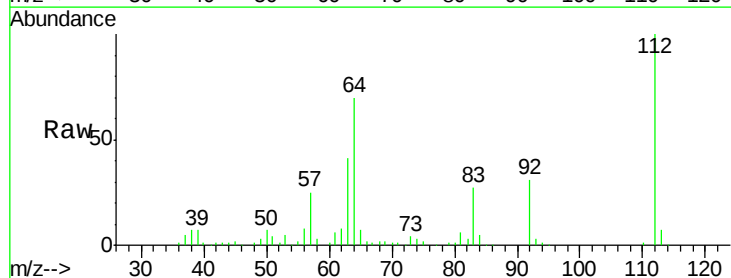
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



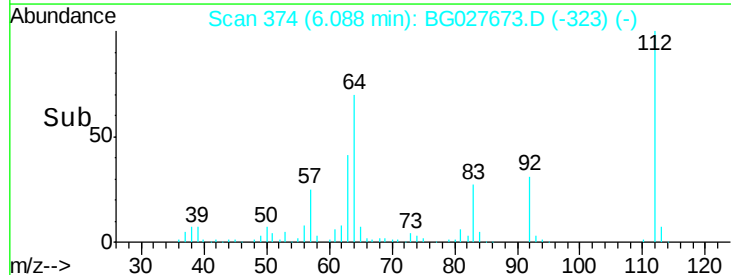
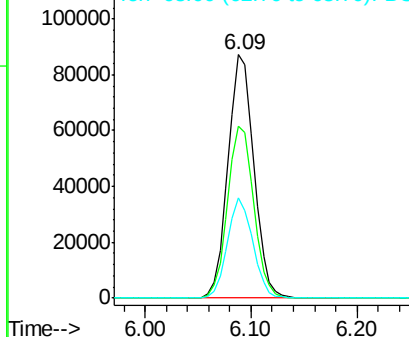
#5

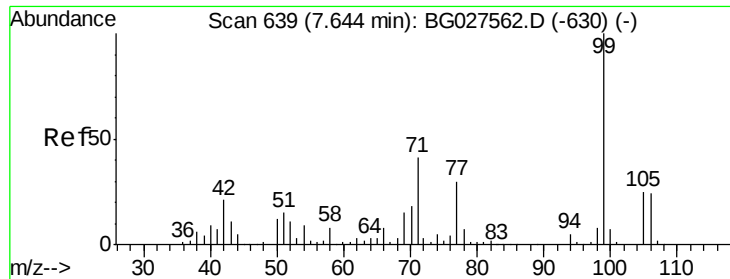
2-Fluorophenol
Concen: 109.923 ng
RT: 6.09 min Scan# 374
Delta R.T. 0.00 min
Lab File: BG027673.D
Acq: 25 Jun 2017 00:05

Tgt Ion:112 Resp: 147265
Ion Ratio Lower Upper
112 100
64 70.4 61.8 92.6
63 41.4 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: 92.266 ng

RT: 7.65 min Scan# 639

Delta R.T. 0.00 min

Lab File: BG027673.D

Acq: 25 Jun 2017 00:05

Instrument :

BNA_G

ClientSampleId :

HR-05-062217-C

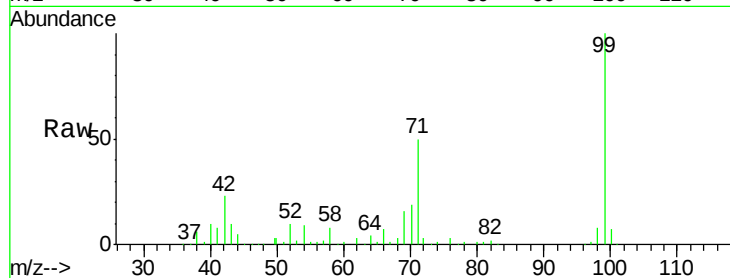
Tgt Ion: 99 Resp: 182992

Ion Ratio Lower Upper

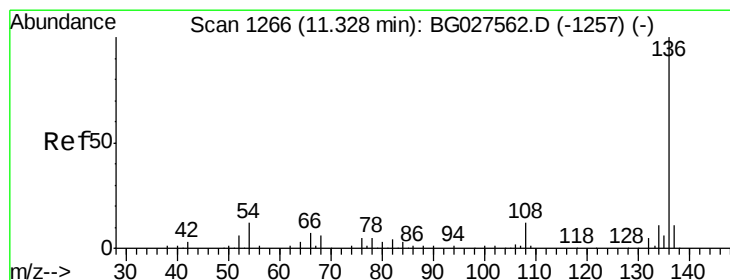
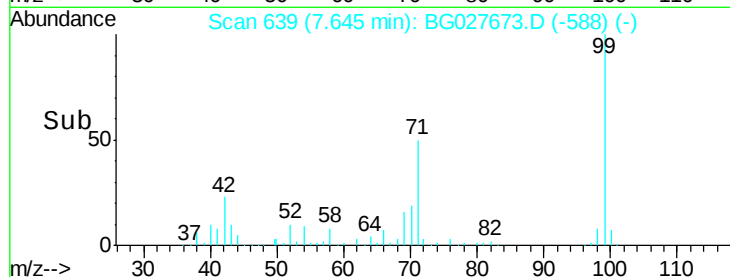
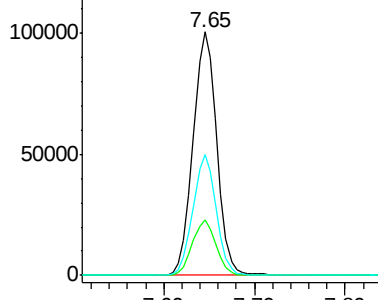
99 100

42 22.9 20.5 30.7

71 49.7 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: 11.32 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BG027673.D

Acq: 25 Jun 2017 00:05

Tgt Ion: 136 Resp: 87602

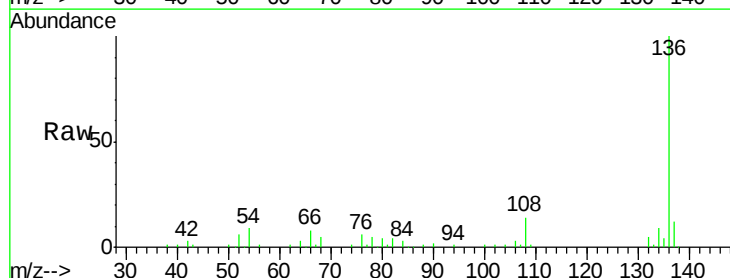
Ion Ratio Lower Upper

136 100

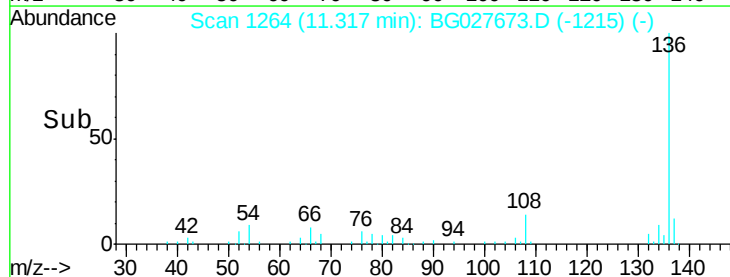
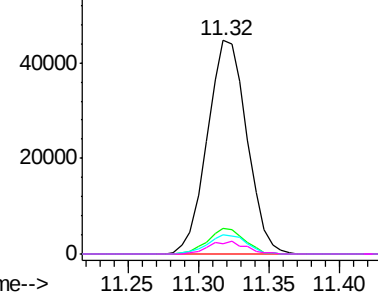
137 11.9 8.9 13.3

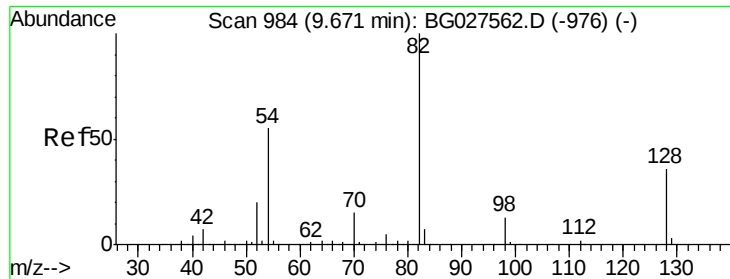
54 9.3 9.3 13.9#

68 4.8 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

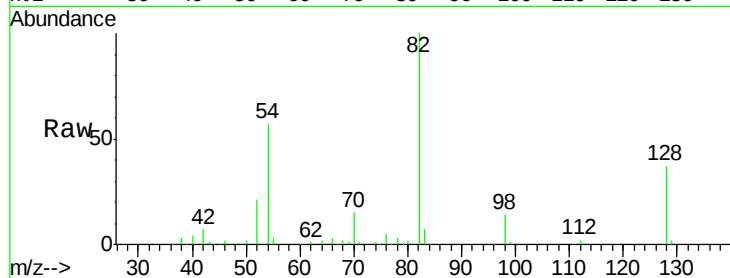




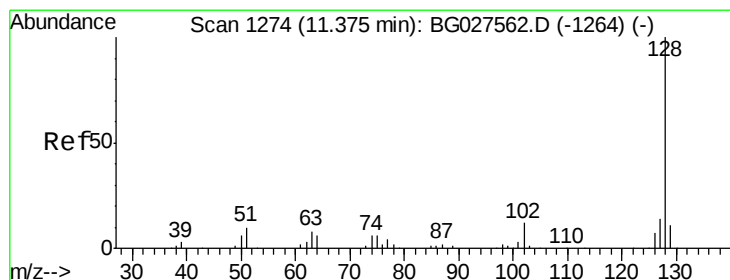
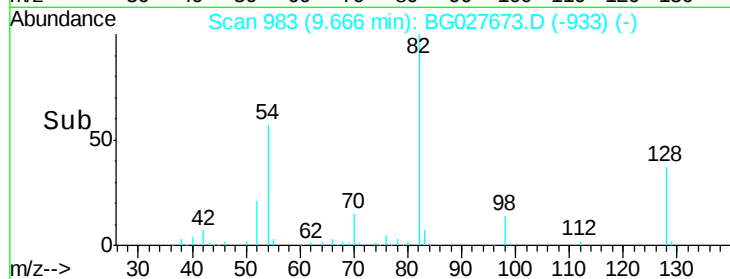
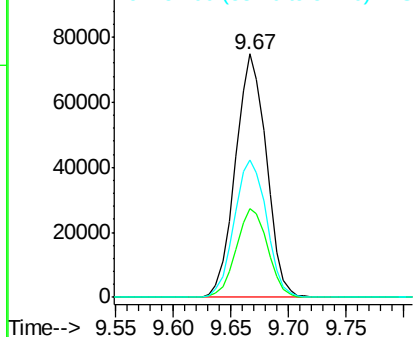
#23
 Nitrobenzene-d5
 Concen: 75.314 ng
 RT: 9.67 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: BG027673.D
 Acq: 25 Jun 2017 00:05

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-062217-C

Tgt Ion: 82 Resp: 139430
 Ion Ratio Lower Upper
 82 100
 128 36.5 26.4 39.6
 54 56.7 49.4 74.2

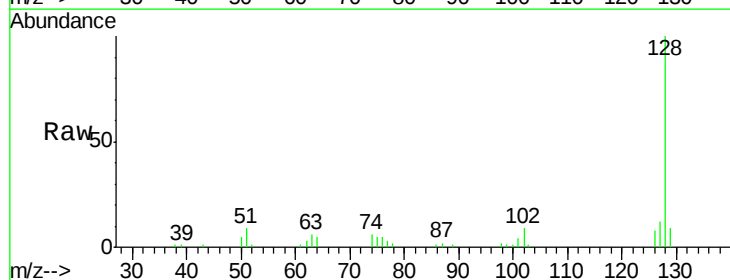


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

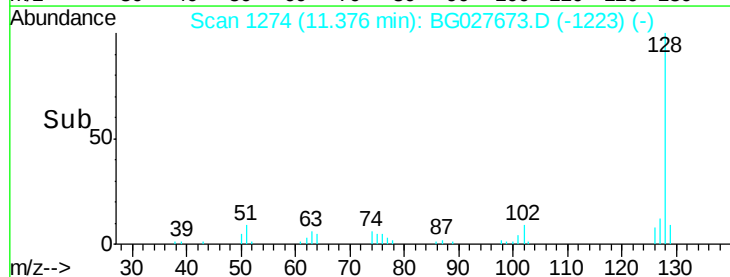
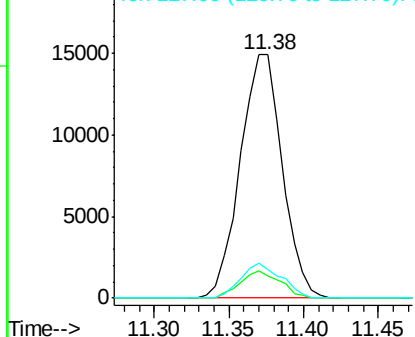


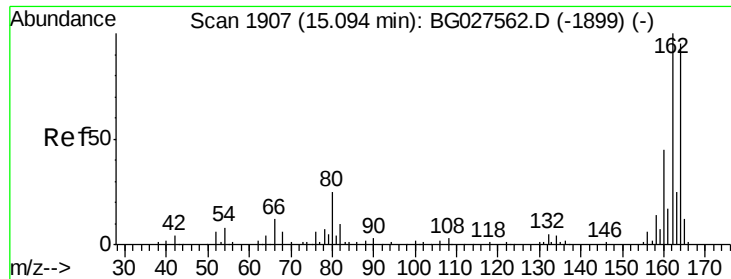
#31
 Naphthalene
 Concen: 6.139 ng
 RT: 11.38 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: BG027673.D
 Acq: 25 Jun 2017 00:05

Tgt Ion: 128 Resp: 29068
 Ion Ratio Lower Upper
 128 100
 129 9.3 9.3 13.9#
 127 11.9 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.09 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BG027673.D

Acq: 25 Jun 2017 00:05

Instrument :

BNA_G

ClientSampleId :

HR-05-062217-C

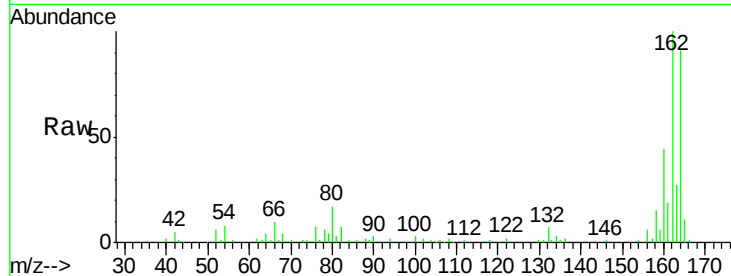
Tgt Ion:164 Resp: 53573

Ion Ratio Lower Upper

164 100

162 109.7 85.1 127.7

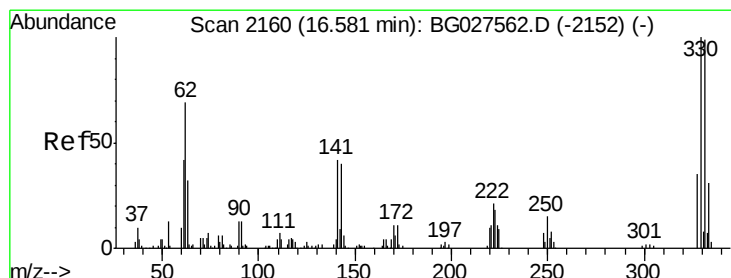
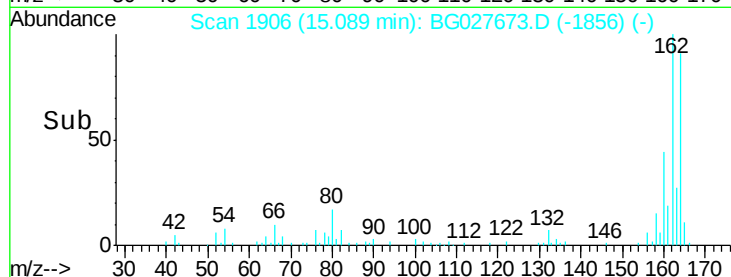
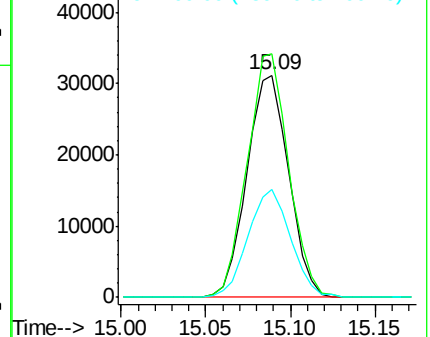
160 48.4 34.7 52.1



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: 127.503 ng

RT: 16.57 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG027673.D

Acq: 25 Jun 2017 00:05

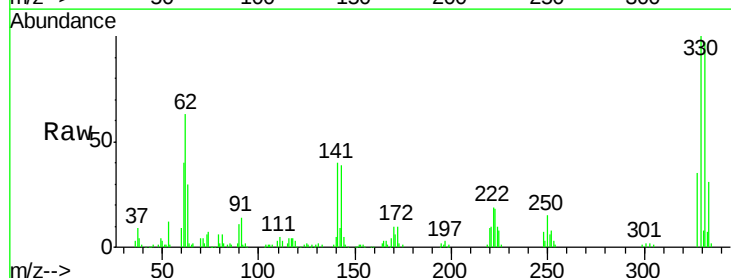
Tgt Ion:330 Resp: 101835

Ion Ratio Lower Upper

330 100

332 98.3 77.3 115.9

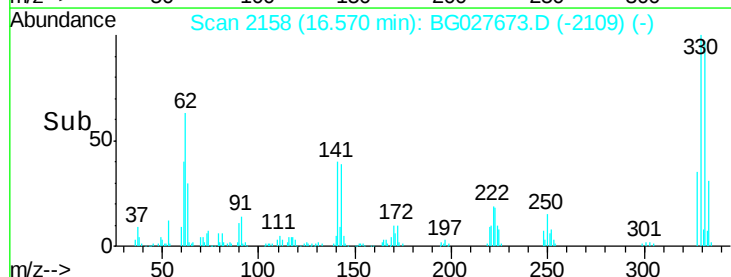
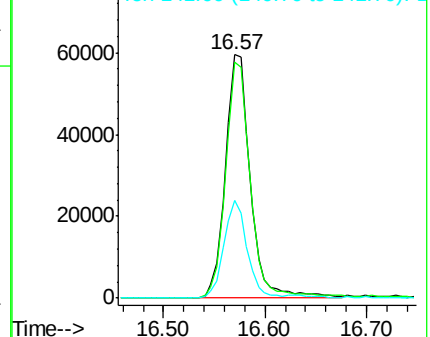
141 37.1 32.1 48.1

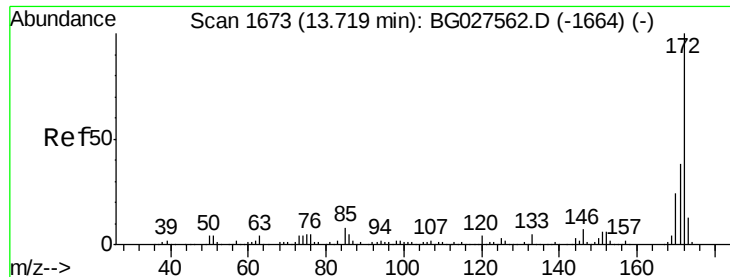


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

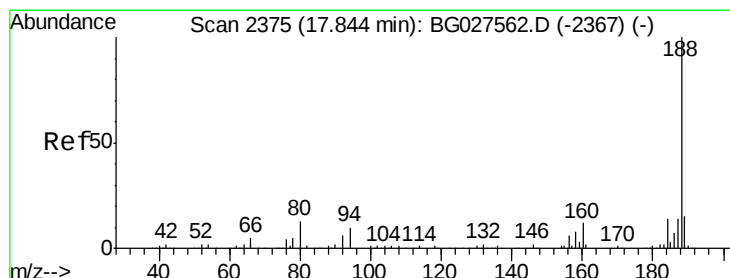
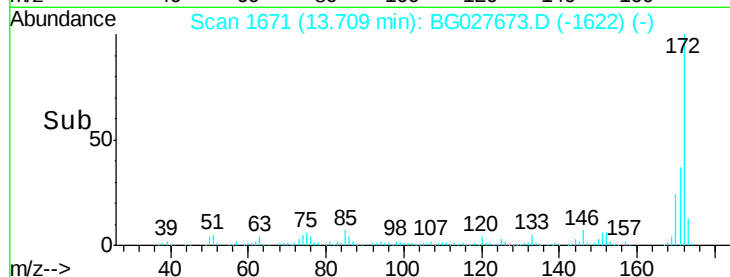
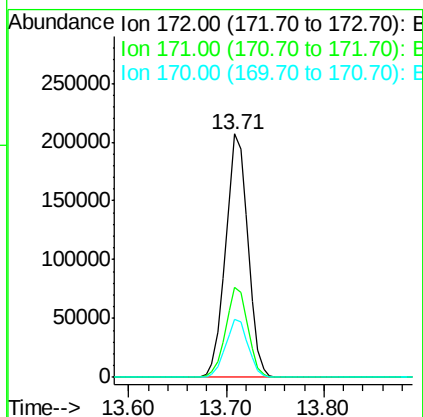
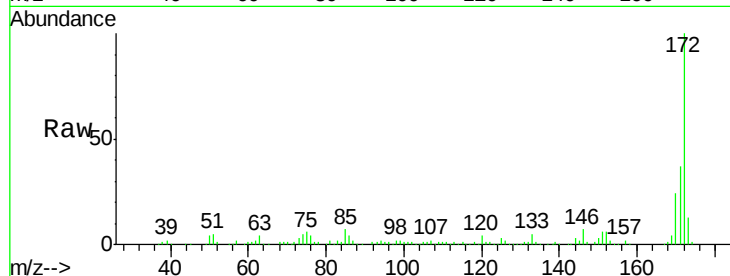




#44
 2-Fluorobiphenyl
 Concen: 83.199 ng
 RT: 13.71 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BG027673.D
 Acq: 25 Jun 2017 00:05

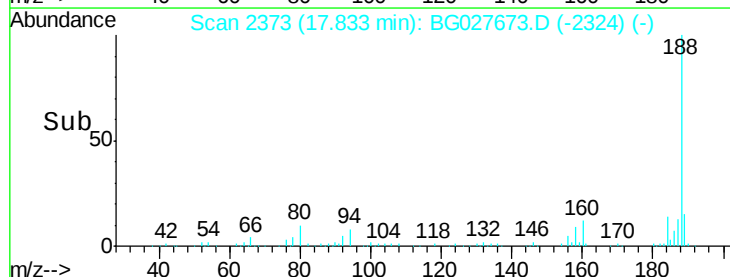
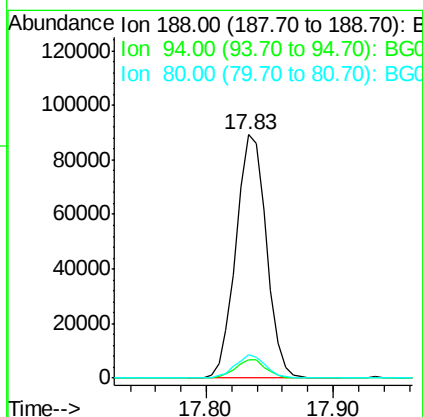
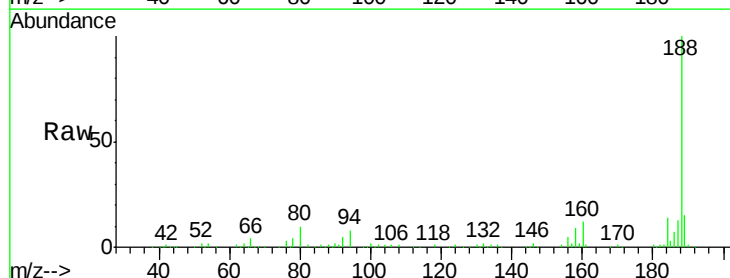
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-062217-C

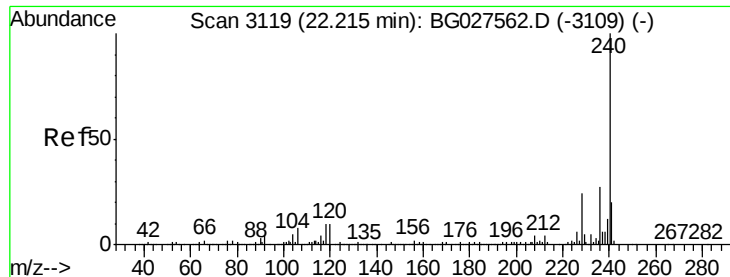
Tgt Ion:172 Resp: 326299
 Ion Ratio Lower Upper
 172 100
 171 37.1 32.2 48.2
 170 24.1 21.8 32.6



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.83 min Scan# 2373
 Delta R.T. -0.01 min
 Lab File: BG027673.D
 Acq: 25 Jun 2017 00:05

Tgt Ion:188 Resp: 148103
 Ion Ratio Lower Upper
 188 100
 94 7.6 5.8 8.8
 80 9.5 7.5 11.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.20 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BG027673.D

Acq: 25 Jun 2017 00:05

Instrument :

BNA_G

ClientSampleId :

HR-05-062217-C

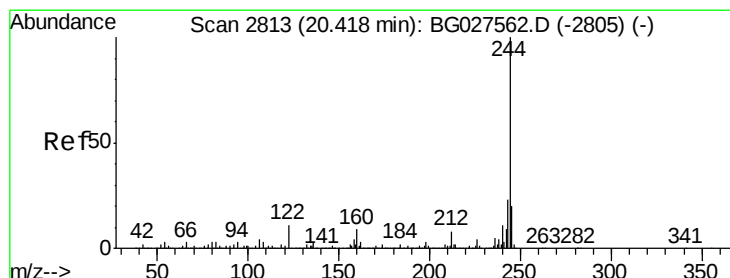
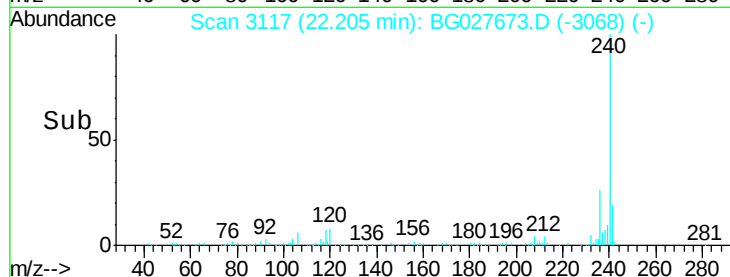
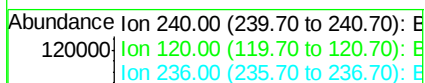
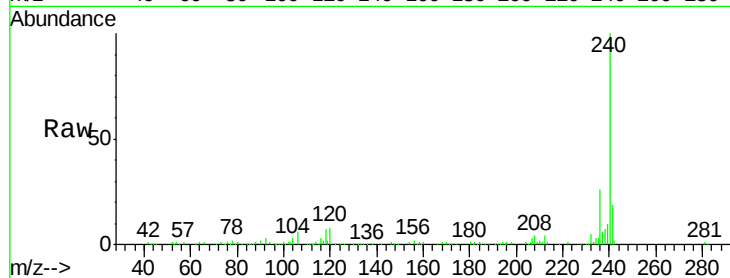
Tgt Ion:240 Resp: 170716

Ion Ratio Lower Upper

240 100

120 8.3 5.7 8.5

236 26.1 22.2 33.4



#78

Terphenyl-d14

Concen: 94.483 ng

RT: 20.41 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG027673.D

Acq: 25 Jun 2017 00:05

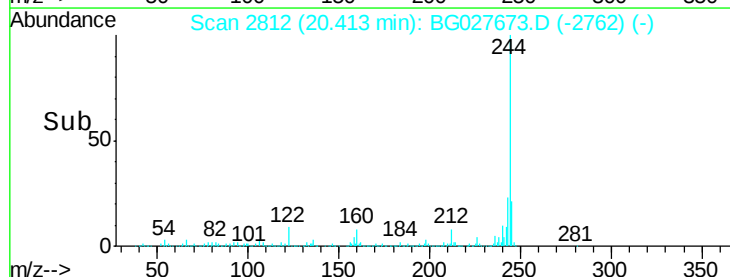
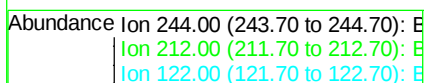
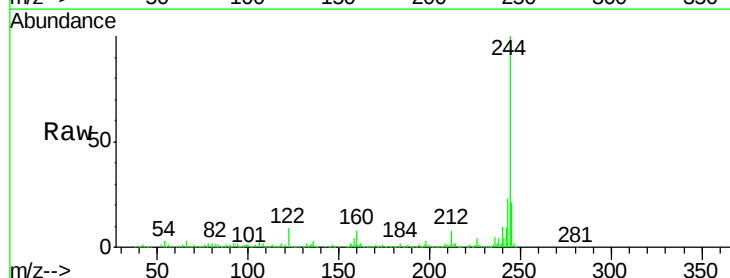
Tgt Ion:244 Resp: 684599

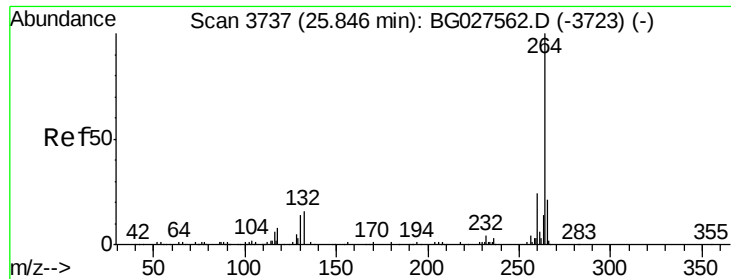
Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

122 8.8 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.85 min Scan# 3737

Delta R.T. 0.00 min

Lab File: BG027673.D

Acq: 25 Jun 2017 00:05

Instrument :

BNA_G

ClientSampleId :

HR-05-062217-C

Tgt Ion: 264 Resp: 163708

Ion Ratio Lower Upper

264 100

260 23.0 21.8 32.8

265 22.0 18.2 27.4

