

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG062217\
 Data File : BG027622.D
 Acq On : 23 Jun 2017 8:36
 Operator : SJ/JU
 Sample : I3777-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHD-WC-S-1-0-52

Quant Time: Jun 23 15:18:59 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	8.51	152	17438	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	78345	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	49151	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	155169	20.00	ng	0.00
75) Chrysene-d12	22.20	240	176907	20.00	ng	-0.01
86) Perylene-d12	25.83	264	168507	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	157236	128.33	ng	0.00
7) Phenol-d6	7.64	99	191428	105.54	ng	0.00
23) Nitrobenzene-d5	9.67	82	149328	90.19	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	136434	186.19	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	328517	91.30	ng	0.00
78) Terphenyl-d14	20.41	244	803862	107.06	ng	0.00

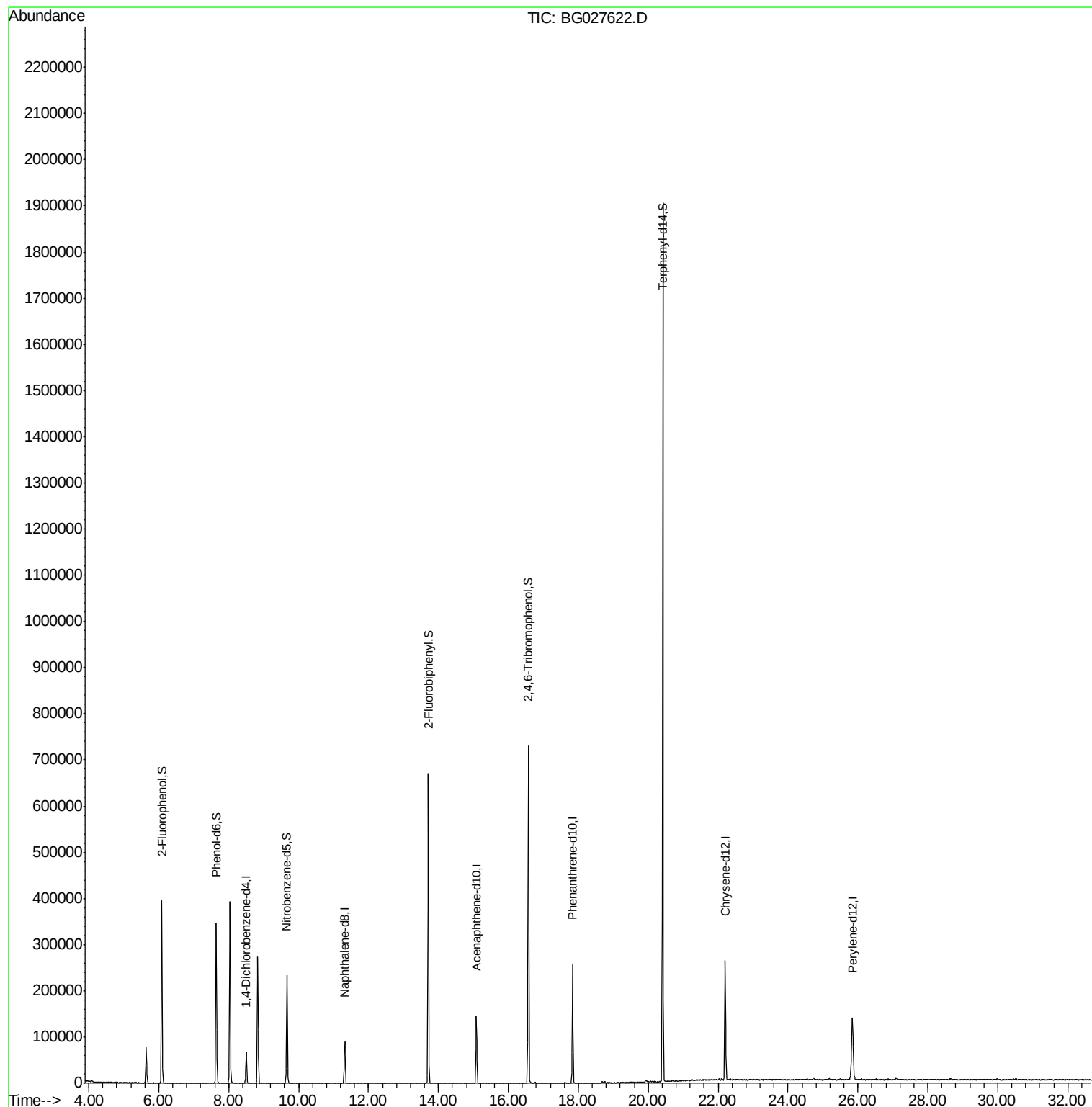
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.51 min Scan# 786

Delta R.T. -0.00 min

Lab File: BG027622.D

Acq: 23 Jun 2017 8:36

Instrument :

BNA_G

ClientSampleId :

GHD-WC-S-1-0-52

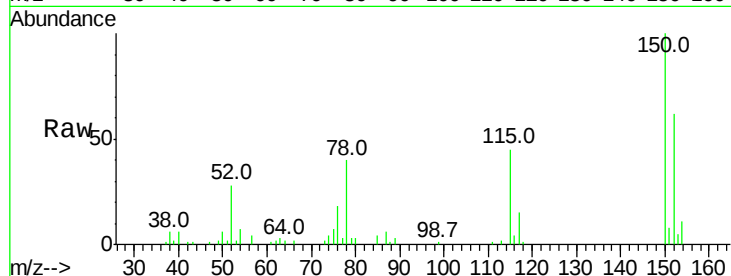
Tot Ion:152 Resp: 17438

Ion Ratio Lower Upper

152 100

150 162.1 114.0 171.0

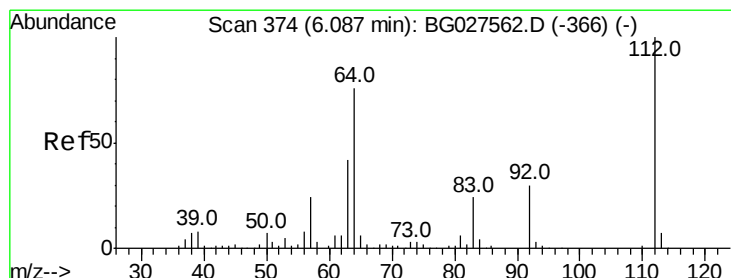
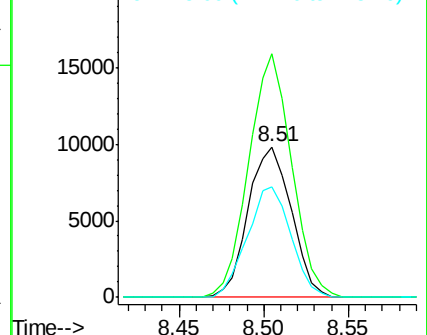
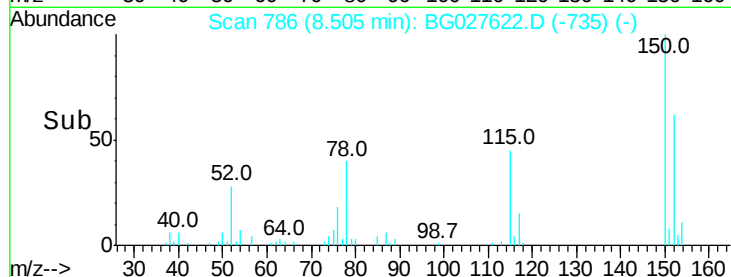
115 73.7 48.1 72.1#



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: 128.33 ng

RT: 6.09 min Scan# 375

Delta R.T. 0.00 min

Lab File: BG027622.D

Acq: 23 Jun 2017 8:36

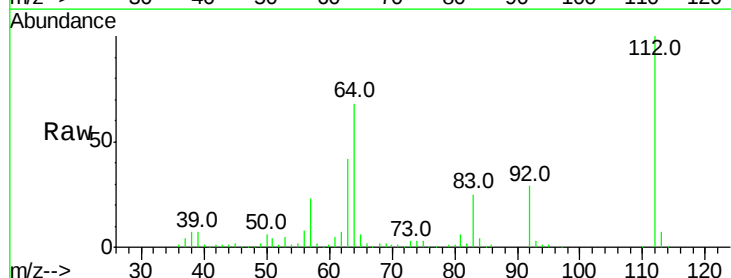
Tgt Ion:112 Resp: 157236

Ion Ratio Lower Upper

112 100

64 68.0 61.8 92.6

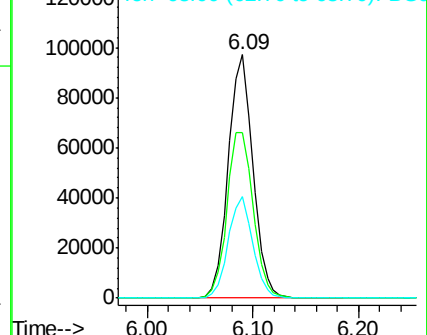
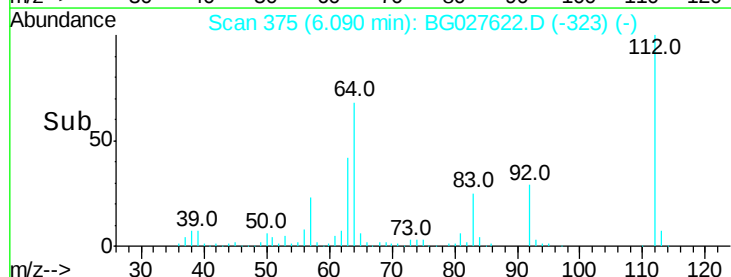
63 41.6 37.2 55.8

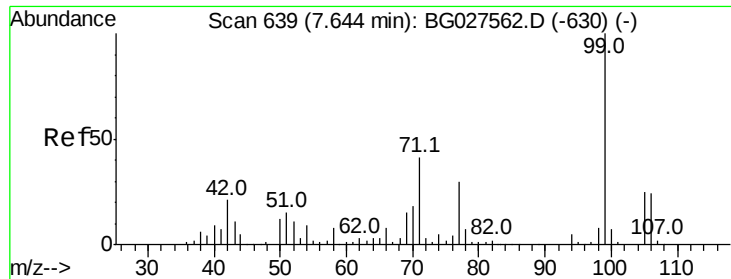


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 105.54 ng

RT: 7.64 min Scan# 639

Delta R.T. -0.00 min

Lab File: BG027622.D

Acq: 23 Jun 2017 8:36

Instrument :

BNA_G

ClientSampleId :

GHD-WC-S-1-0-52

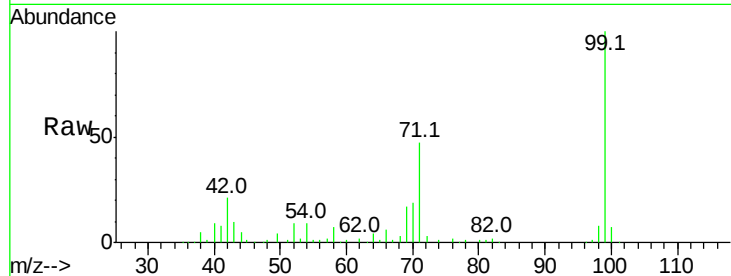
Tot Ion: 99 Resp: 191428

Ion Ratio Lower Upper

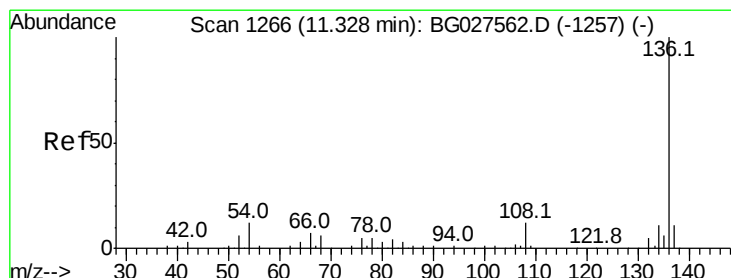
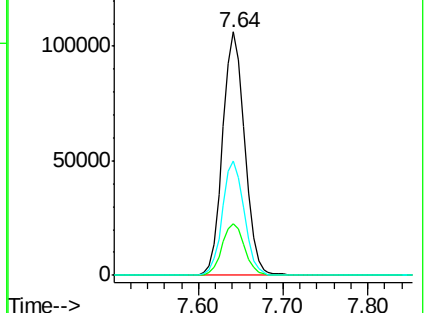
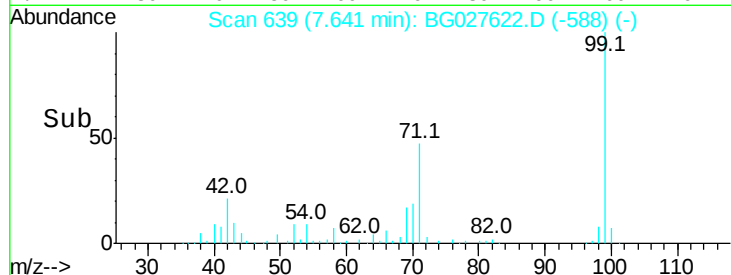
99 100

42 21.0 20.5 30.7

71 47.1 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: 20.00 ng

RT: 11.32 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BG027622.D

Acq: 23 Jun 2017 8:36

Tgt Ion: 136 Resp: 78345

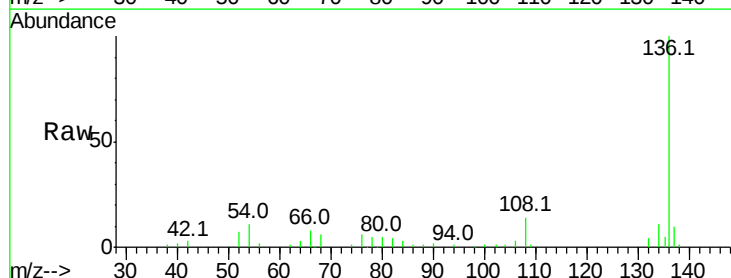
Ion Ratio Lower Upper

136 100

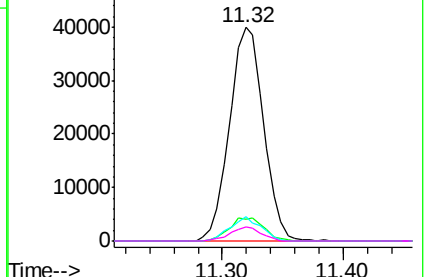
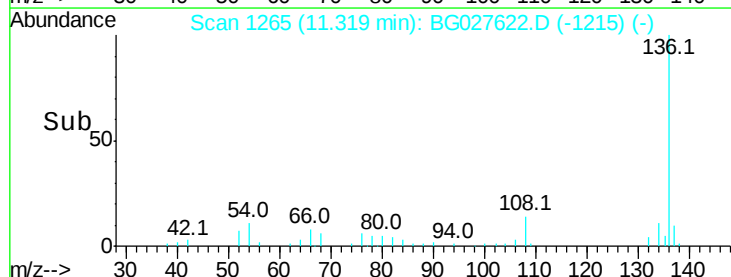
137 10.1 8.9 13.3

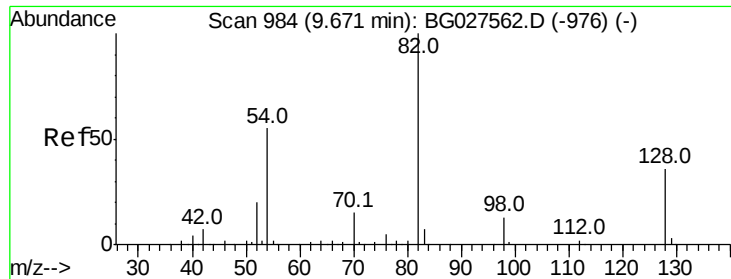
54 11.2 9.3 13.9

68 6.4 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

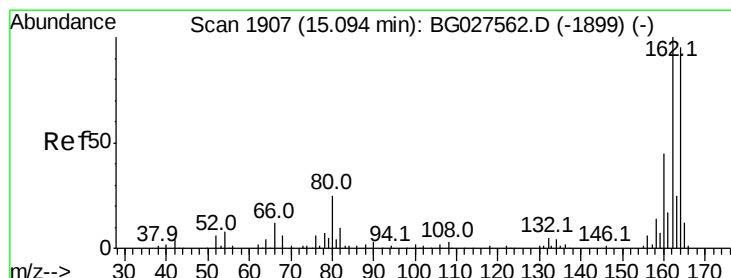
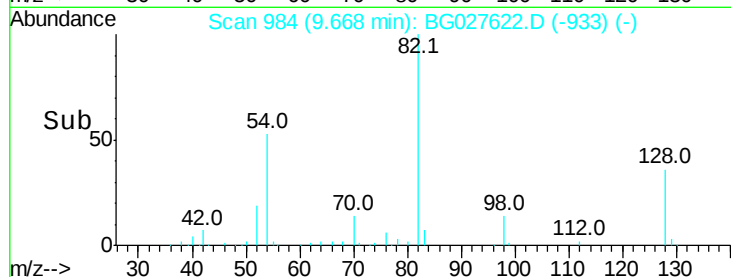
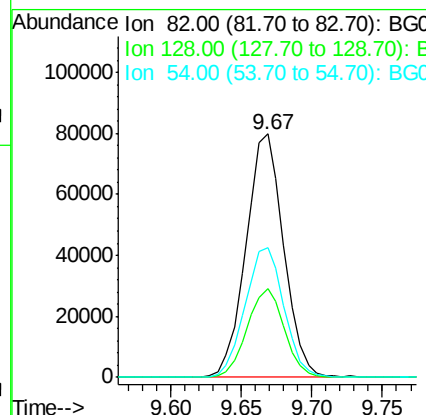
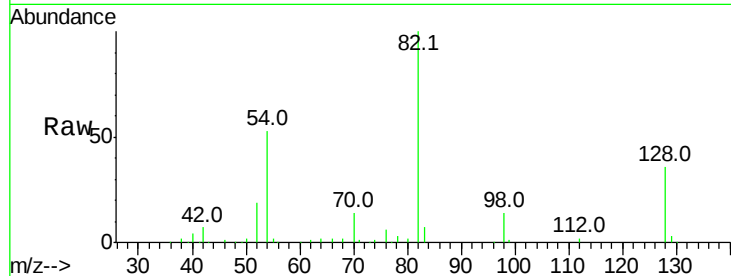




#23
 Nitrobenzene-d5
 Concen: 90.19 ng
 RT: 9.67 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: BG027622.D
 Acq: 23 Jun 2017 8:36

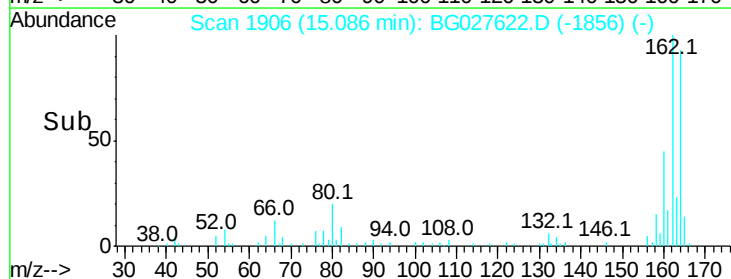
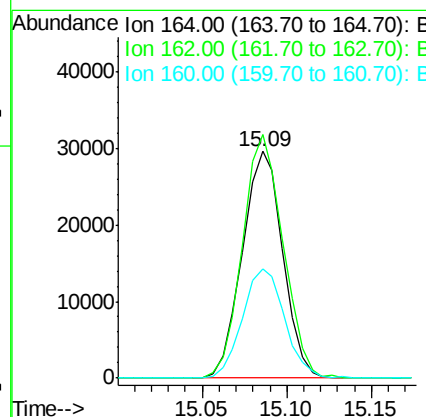
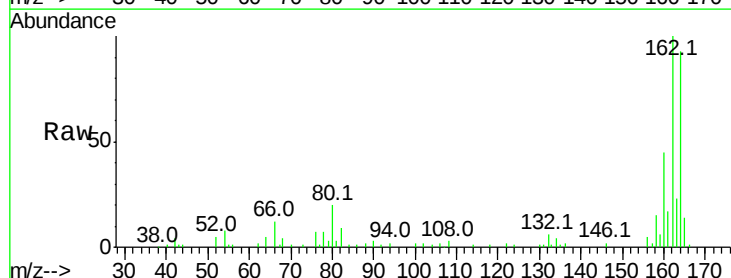
Instrument :
 BNA_G
 ClientSampleID :
 GHD-WC-S-1-0-52

Tot Ion	82	Resp	149328
Ion Ratio	Lower	Upper	
82	100		
128	36.3	26.4	39.6
54	53.0	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.09 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BG027622.D
 Acq: 23 Jun 2017 8:36

Tgt Ion	164	Resp	49151
Ion Ratio	Lower	Upper	
164	100		
162	107.3	85.1	127.7
160	48.2	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 186.19 ng

RT: 16.57 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG027622.D

Acq: 23 Jun 2017 8:36

Instrument :

BNA_G

ClientSampleId :

GHD-WC-S-1-0-52

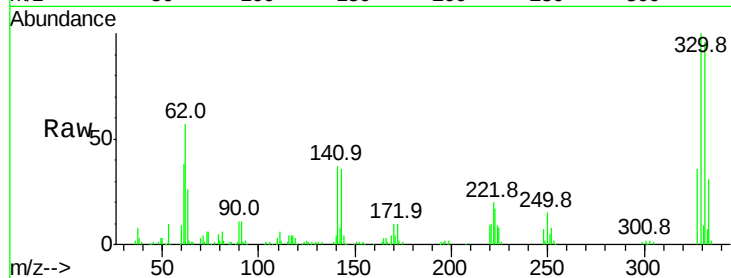
Tot Ion:330 Resp: 136434

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

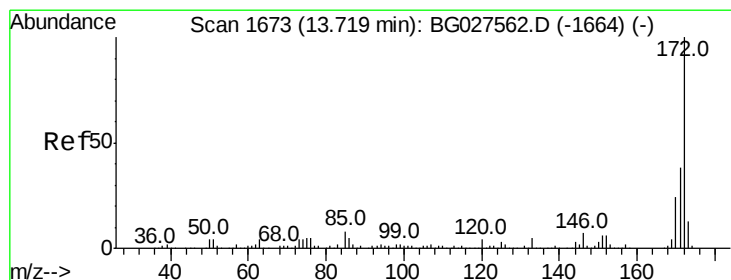
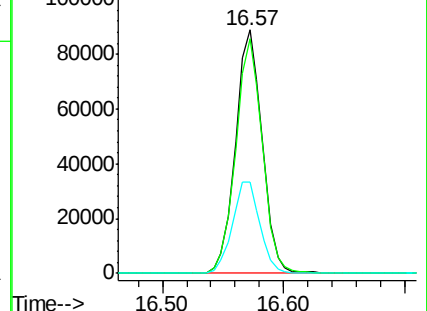
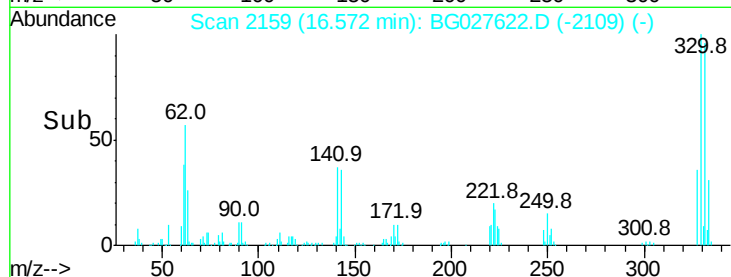
141 38.8 32.1 48.1



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: 91.30 ng

RT: 13.71 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BG027622.D

Acq: 23 Jun 2017 8:36

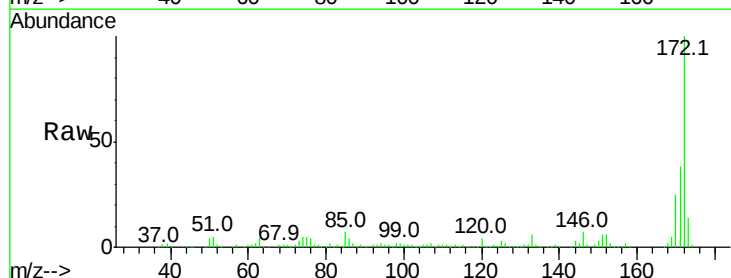
Tgt Ion:172 Resp: 328517

Ion Ratio Lower Upper

172 100

171 37.9 32.2 48.2

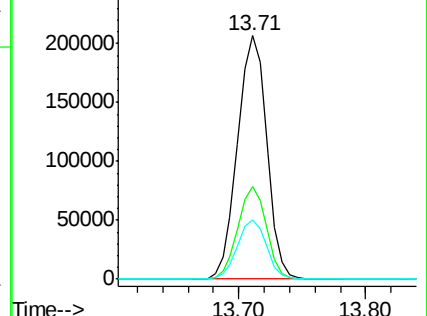
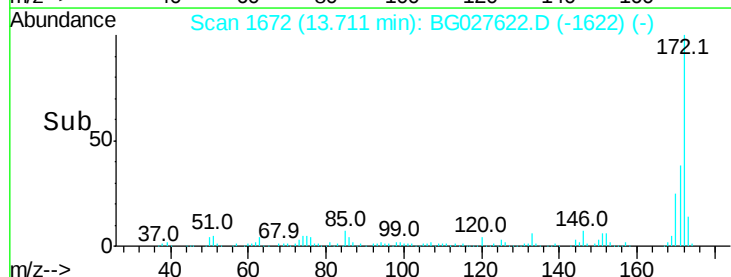
170 24.6 21.8 32.6

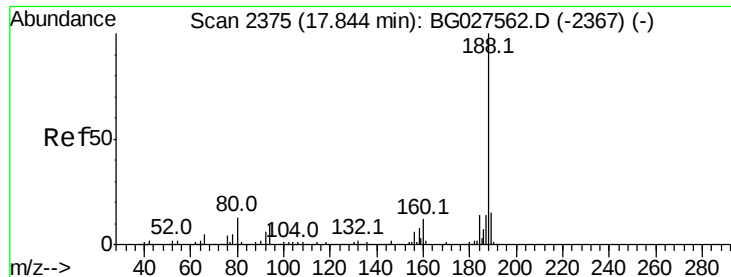


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.84 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BG027622.D

Acq: 23 Jun 2017 8:36

Instrument :

BNA_G

ClientSampleId :

GHD-WC-S-1-0-52

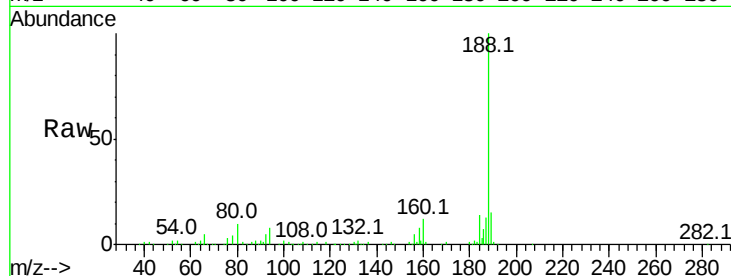
Tot Ion:188 Resp: 155169

Ion Ratio Lower Upper

188 100

94 8.1 5.8 8.8

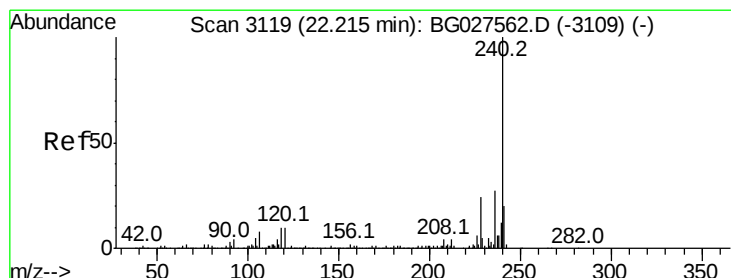
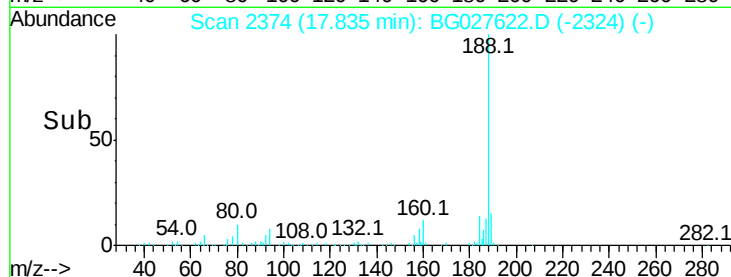
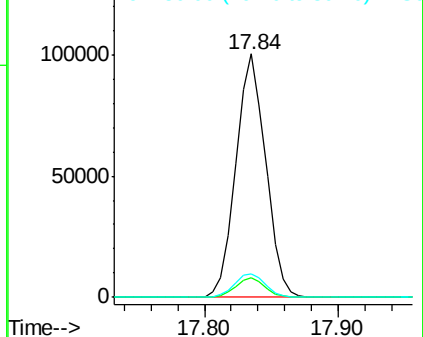
80 9.9 7.5 11.3



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: 20.00 ng

RT: 22.20 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BG027622.D

Acq: 23 Jun 2017 8:36

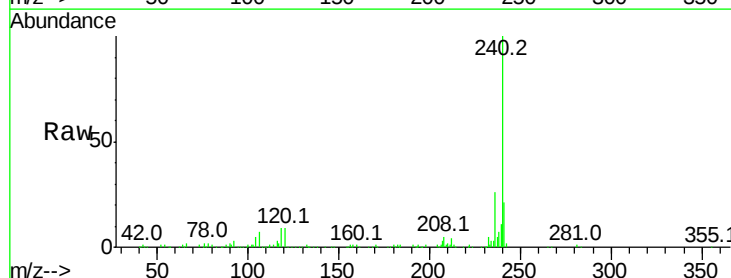
Tgt Ion:240 Resp: 176907

Ion Ratio Lower Upper

240 100

120 9.2 5.7 8.5#

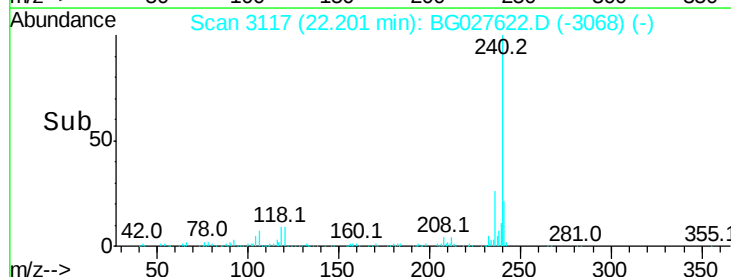
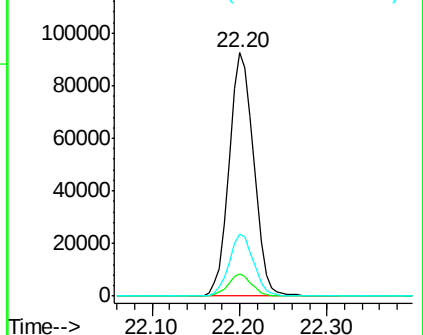
236 25.6 22.2 33.4

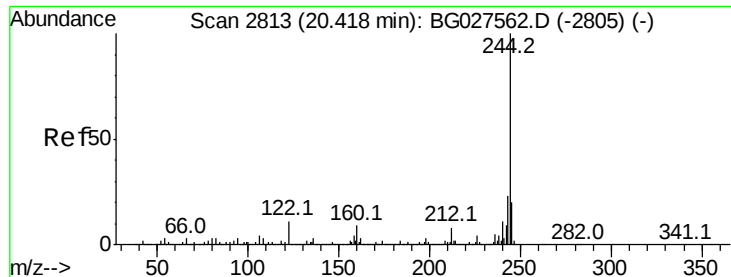


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 107.06 ng

RT: 20.41 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG027622.D

Acq: 23 Jun 2017 8:36

Instrument :

BNA_G

ClientSampleId :

GHD-WC-S-1-0-52

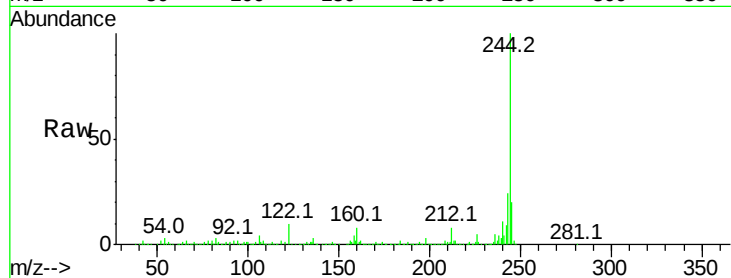
Tot Ion:244 Resp: 803862

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

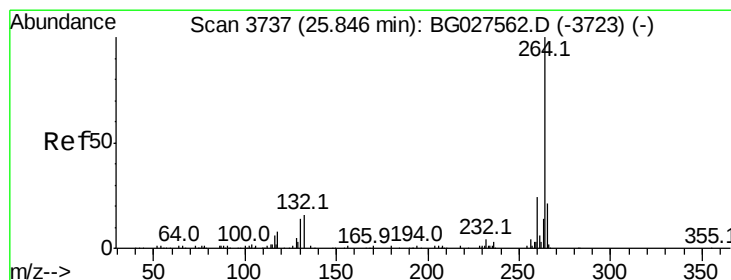
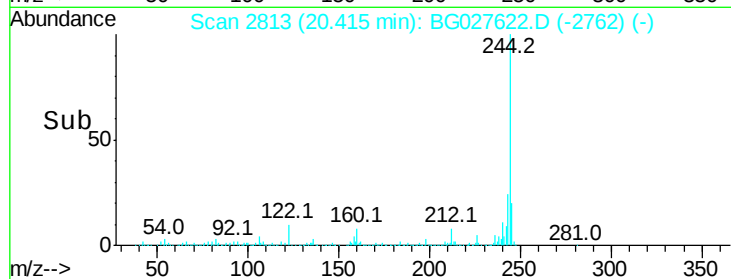
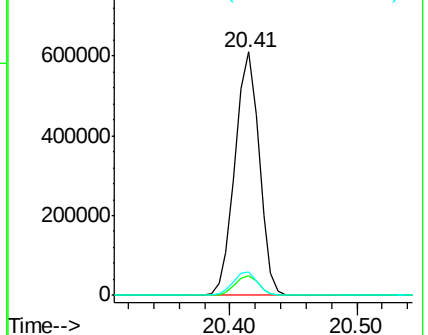
122 9.6 8.6 12.8



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

Perylene-d12

Concen: 20.00 ng

RT: 25.83 min Scan# 3735

Delta R.T. -0.01 min

Lab File: BG027622.D

Acq: 23 Jun 2017 8:36

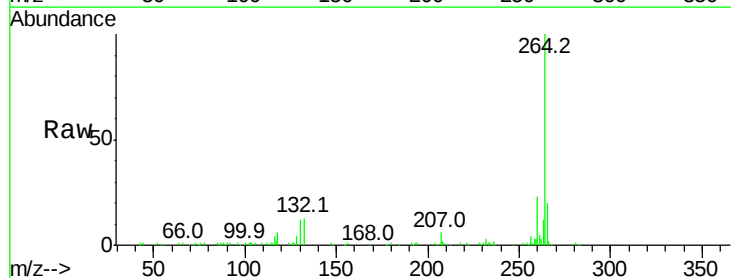
Tgt Ion:264 Resp: 168507

Ion Ratio Lower Upper

264 100

260 22.6 21.8 32.8

265 19.8 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

