

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062417\
 Data File : BG027674.D
 Acq On : 25 Jun 2017 00:44
 Operator : SJ/JU
 Sample : I3868-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 26 04:24:10 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	22056	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	96340	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	56591	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	145685	20.00	ng	0.00
75) Chrysene-d12	22.20	240	167509	20.00	ng	-0.01
86) Perylene-d12	25.84	264	161367	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	165904	107.05	ng	0.00
7) Phenol-d6	7.65	99	209917	91.50	ng	0.00
23) Nitrobenzene-d5	9.67	82	159812	78.49	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	92482	109.62	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	366261	88.41	ng	0.00
78) Terphenyl-d14	20.41	244	696749	98.00	ng	0.00

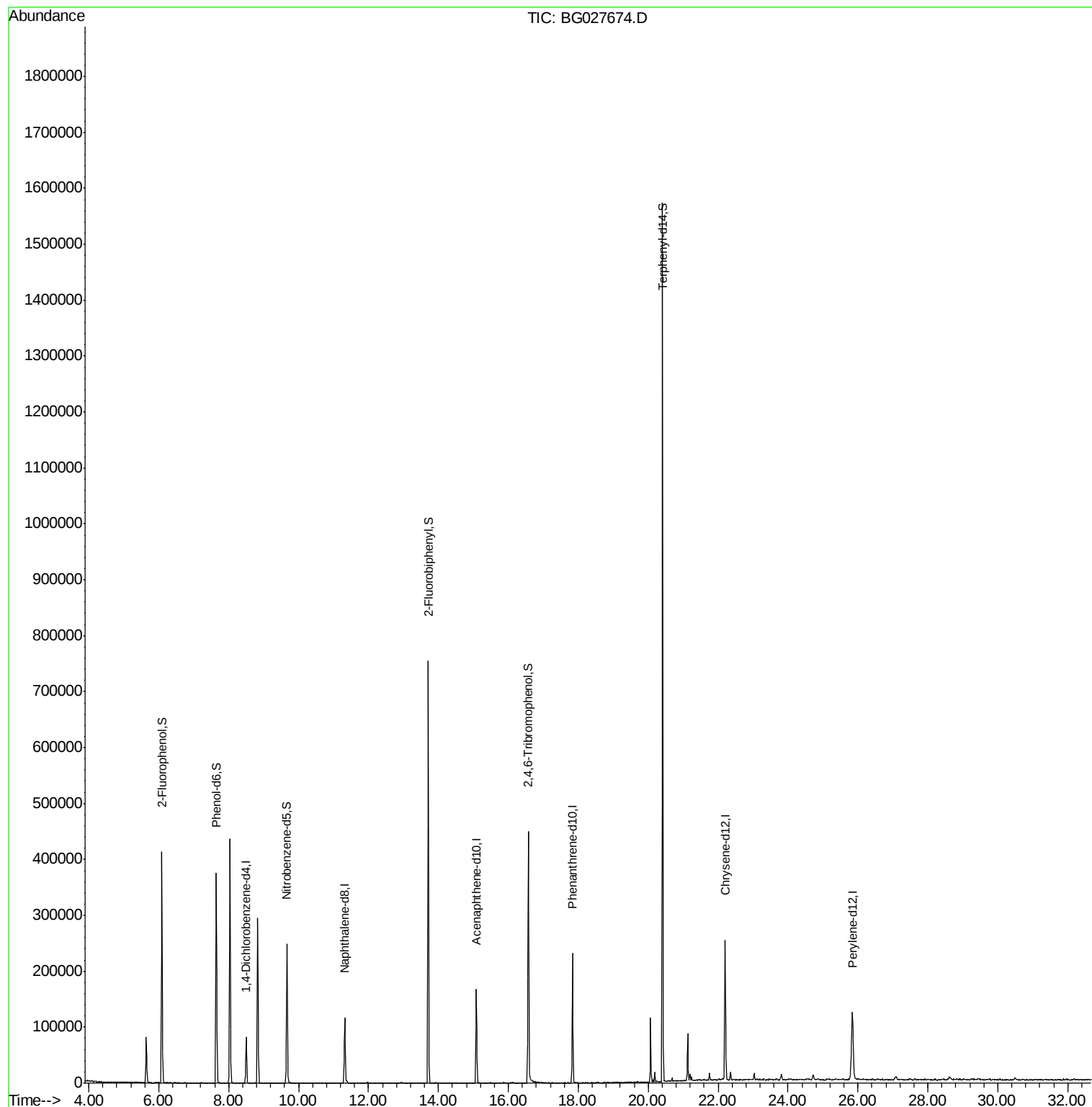
Target Compounds Qvalue

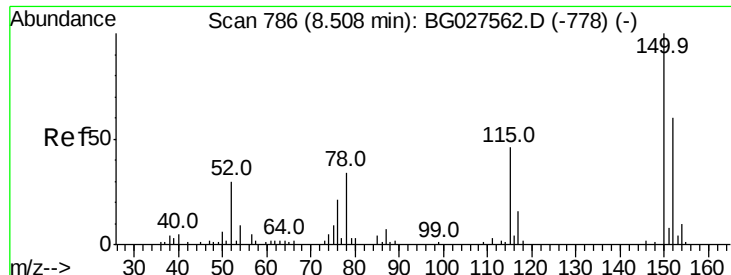
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG027674.D

Acq: 25 Jun 2017 00:44

Instrument :

BNA_G

ClientSampled :

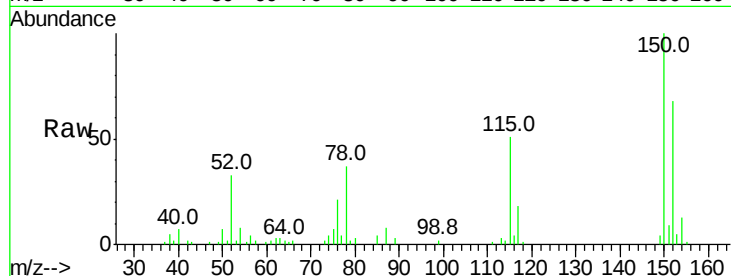
Tot Ion:152 Resp: 22056

Ion Ratio Lower Upper

152 100

150 146.5 114.0 171.0

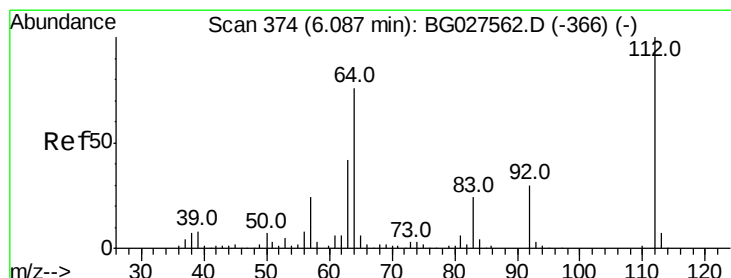
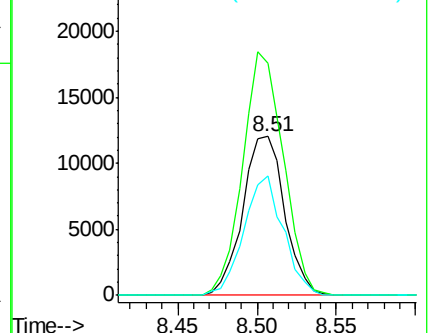
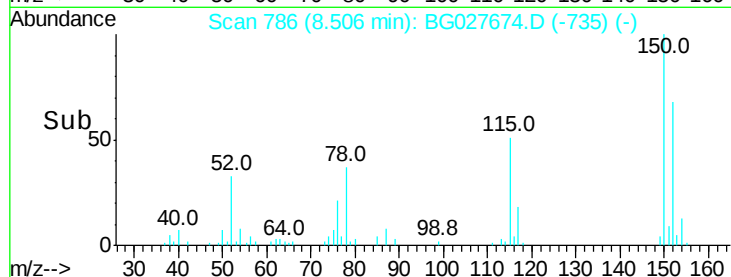
115 75.0 48.1 72.1#



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: 107.05 ng

RT: 6.09 min Scan# 375

Delta R.T. 0.00 min

Lab File: BG027674.D

Acq: 25 Jun 2017 00:44

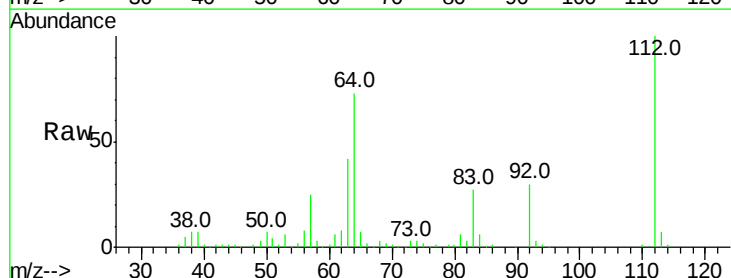
Tgt Ion:112 Resp: 165904

Ion Ratio Lower Upper

112 100

64 73.1 61.8 92.6

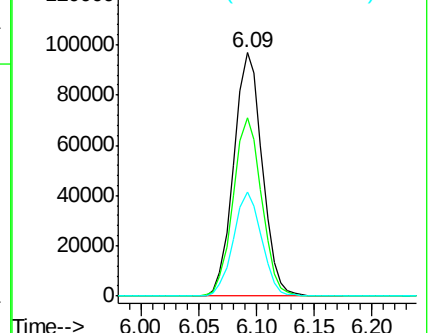
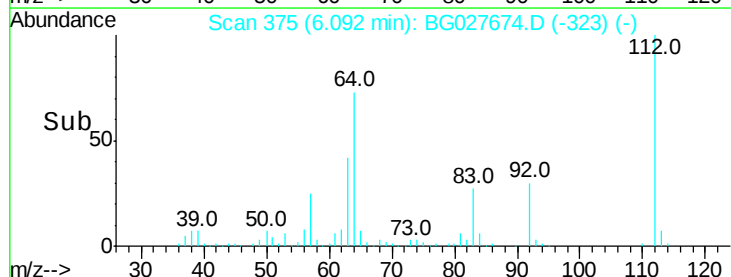
63 42.5 37.2 55.8

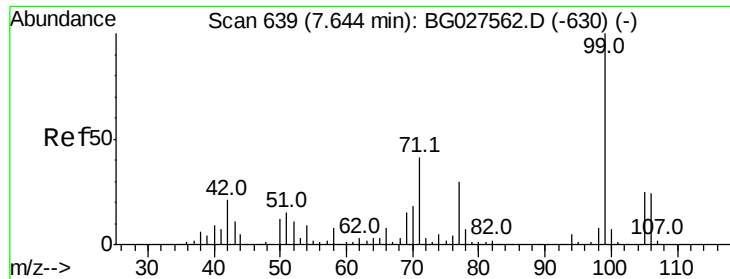


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 91.50 ng

RT: 7.65 min Scan# 640

Delta R.T. 0.00 min

Lab File: BG027674.D

Acq: 25 Jun 2017 00:44

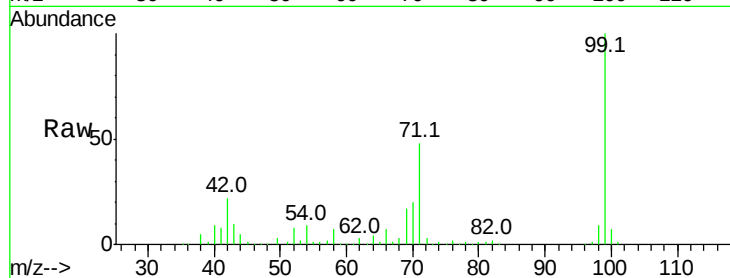
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 209917

Ion	Ratio	Lower	Upper
99	100		
42	22.3	20.5	30.7
71	47.9	37.6	56.4

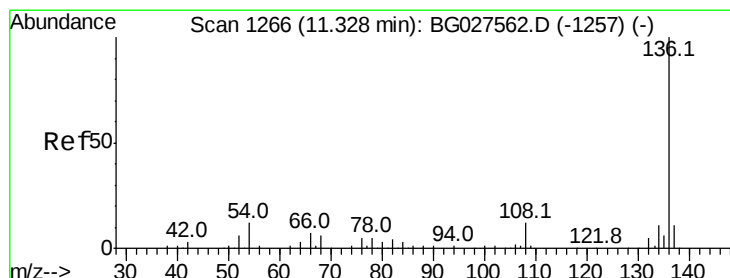
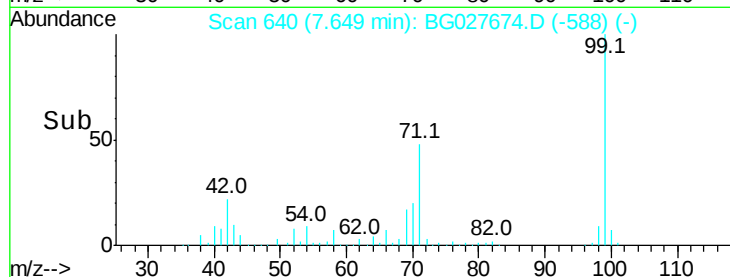


Abundance

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: 20.00 ng

RT: 11.32 min Scan# 1265

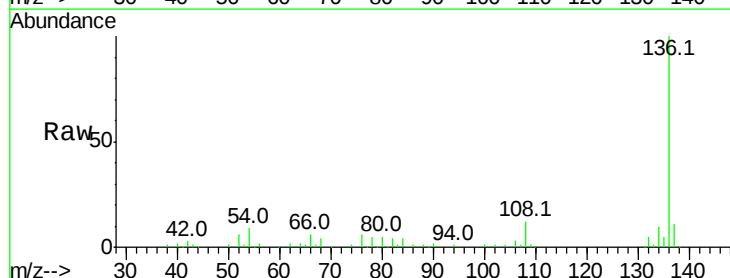
Delta R.T. -0.01 min

Lab File: BG027674.D

Acq: 25 Jun 2017 00:44

Tgt Ion: 136 Resp: 96340

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.4	9.3	13.9
68	4.3	5.1	7.7#



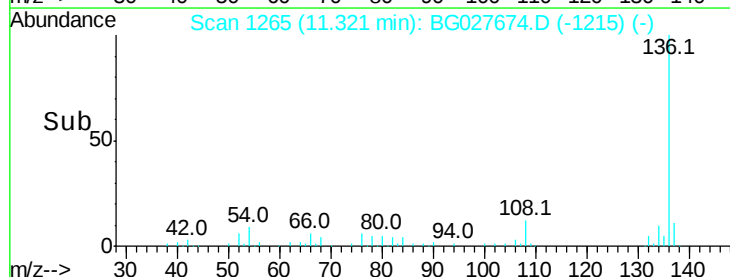
Abundance

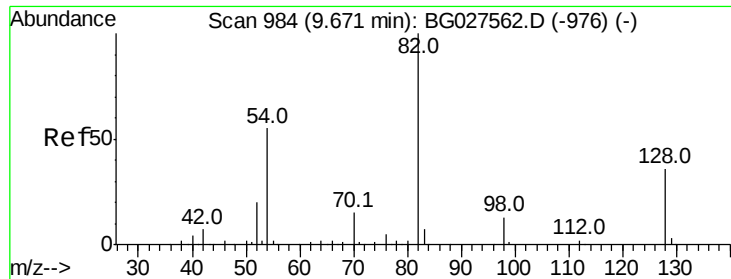
Ion 136.00 (135.70 to 136.70): BGC

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

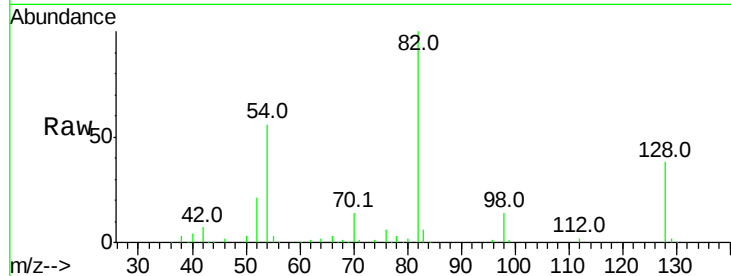




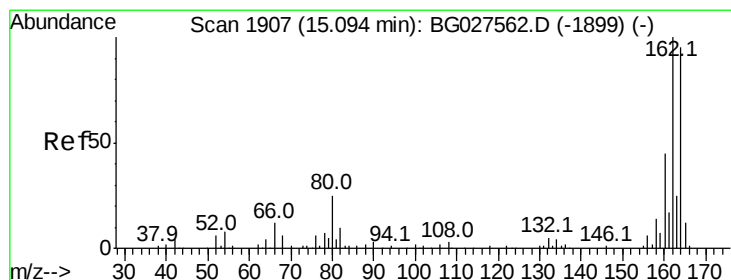
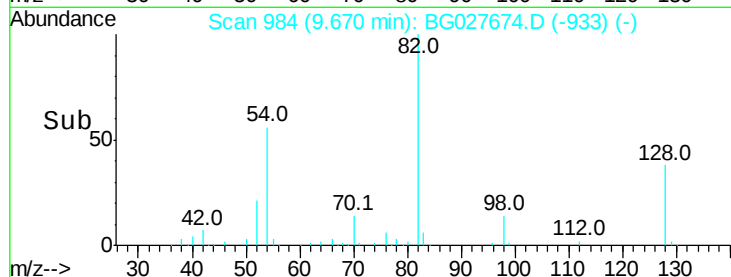
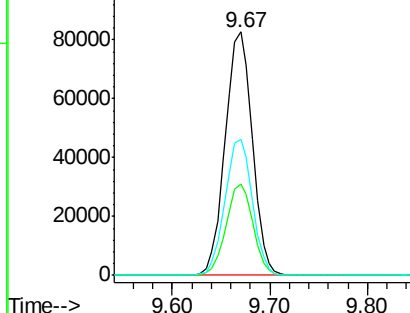
#23
Nitrobenzene-d5
Concen: 78.49 ng
RT: 9.67 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG027674.D
Acq: 25 Jun 2017 00:44

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 159812
Ion Ratio Lower Upper
82 100
128 37.7 26.4 39.6
54 56.0 49.4 74.2

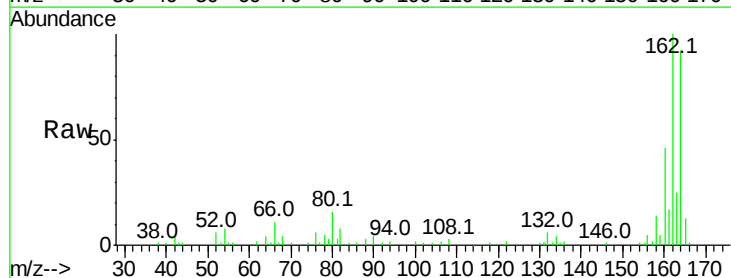


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

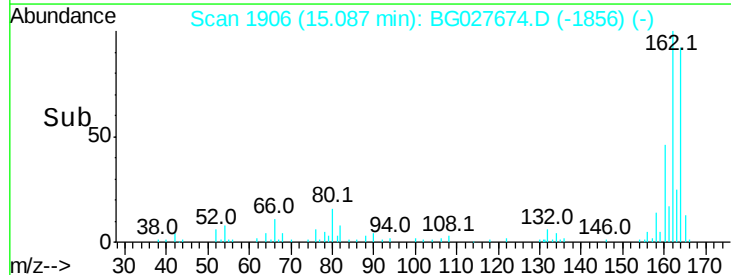
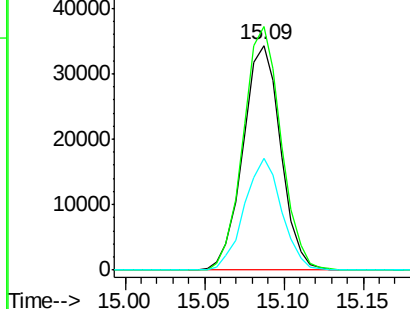


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.09 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BG027674.D
Acq: 25 Jun 2017 00:44

Tgt Ion:164 Resp: 56591
Ion Ratio Lower Upper
164 100
162 108.5 85.1 127.7
160 49.6 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 109.62 ng

RT: 16.57 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG027674.D

Acq: 25 Jun 2017 00:44

Instrument :

BNA_G

ClientSampleId :

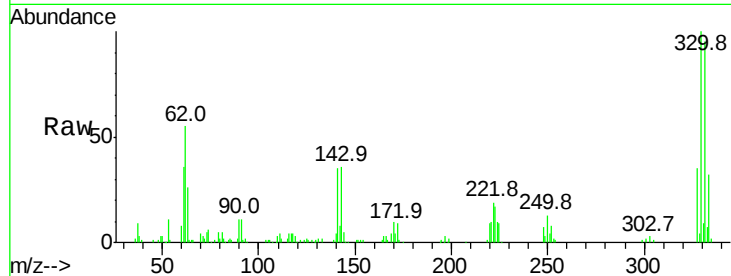
Tot Ion:330 Resp: 92482

Ion Ratio Lower Upper

330 100

332 94.3 77.3 115.9

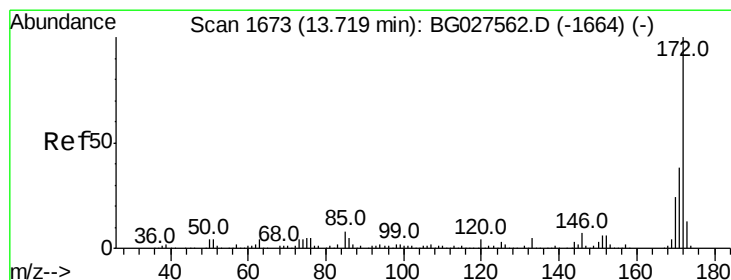
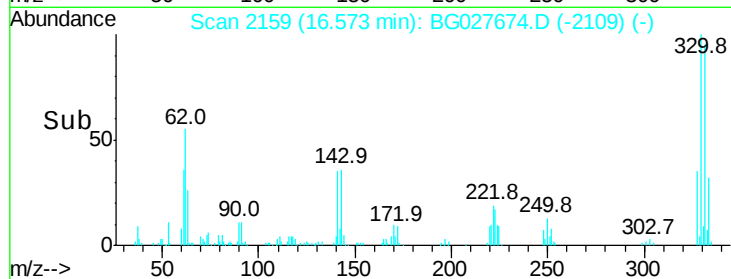
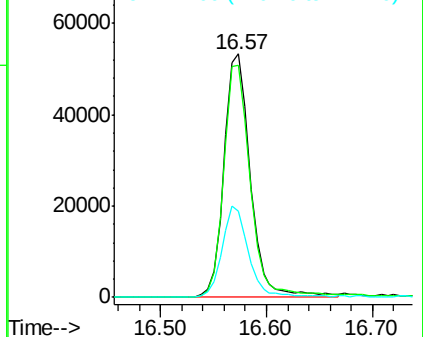
141 37.2 32.1 48.1



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: 88.41 ng

RT: 13.71 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BG027674.D

Acq: 25 Jun 2017 00:44

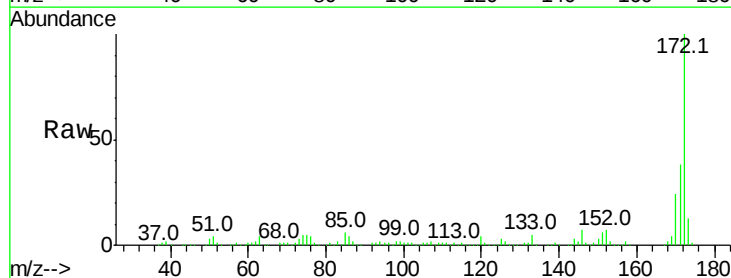
Tgt Ion:172 Resp: 366261

Ion Ratio Lower Upper

172 100

171 38.0 32.2 48.2

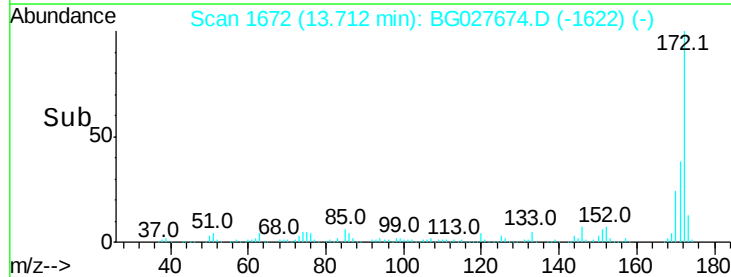
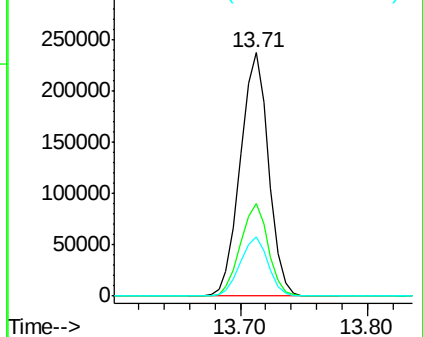
170 24.2 21.8 32.6

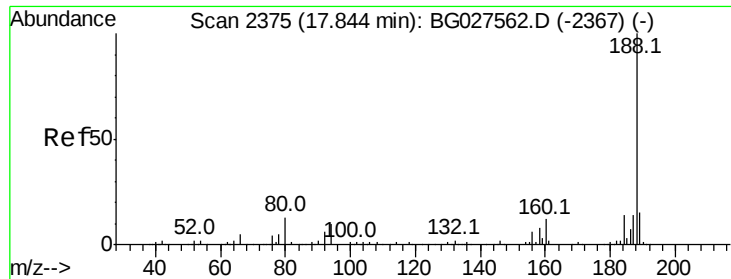


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

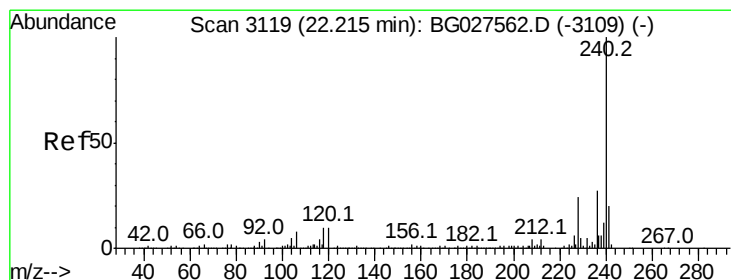
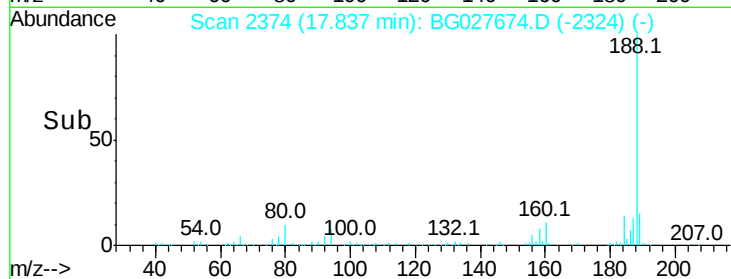
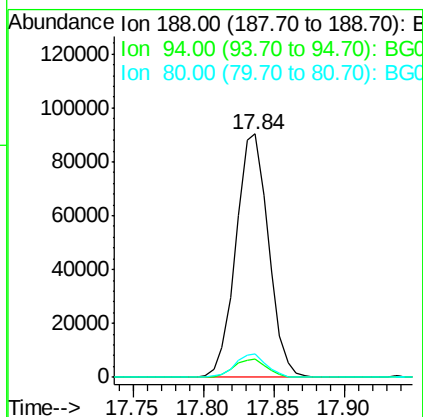
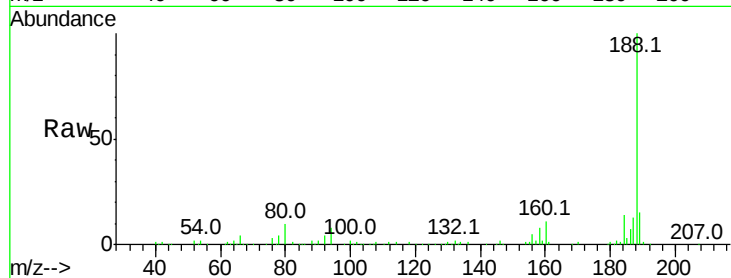




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.84 min Scan# 2374
 Delta R.T. -0.01 min
 Lab File: BG027674.D
 Acq: 25 Jun 2017 00:44

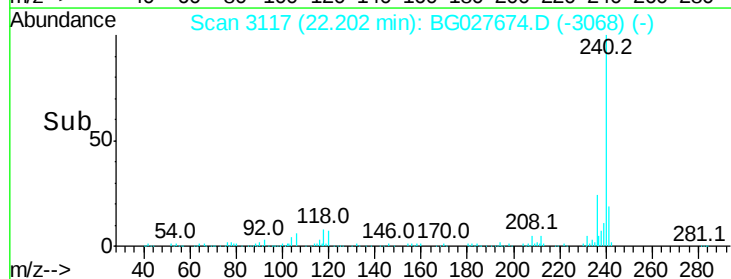
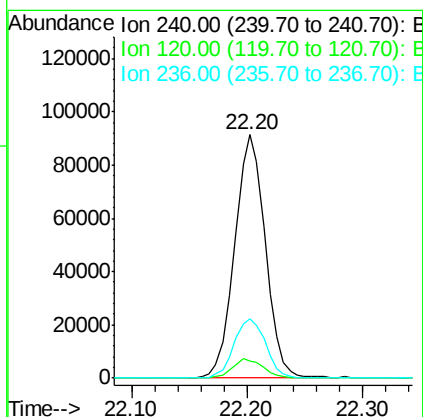
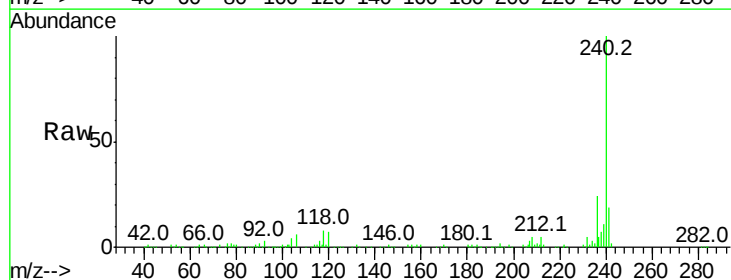
Instrument :
 BNA_G
 ClientSampleId :

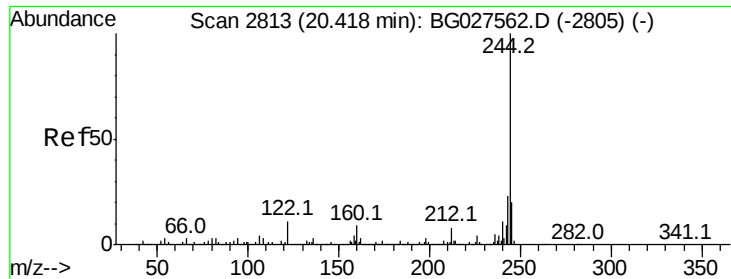
Tot Ion:188 Resp: 145685
 Ion Ratio Lower Upper
 188 100
 94 7.5 5.8 8.8
 80 9.8 7.5 11.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 22.20 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG027674.D
 Acq: 25 Jun 2017 00:44

Tgt Ion:240 Resp: 167509
 Ion Ratio Lower Upper
 240 100
 120 7.0 5.7 8.5
 236 24.3 22.2 33.4

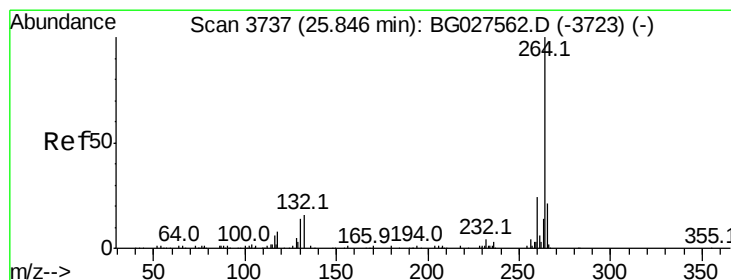
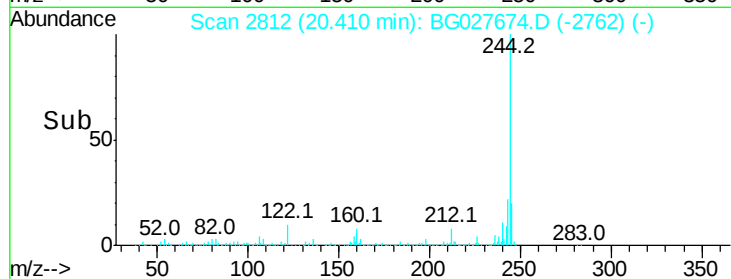
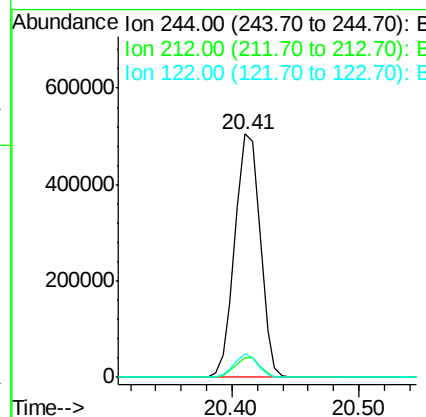
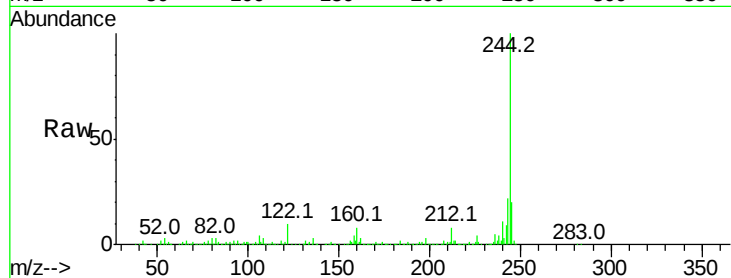




#78
 Terphenyl-d14
 Concen: 98.00 ng
 RT: 20.41 min Scan# 2812
 Delta R.T. -0.01 min
 Lab File: BG027674.D
 Acq: 25 Jun 2017 00:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 696749
 Ion Ratio Lower Upper
 244 100
 212 8.3 10.0 15.0#
 122 9.5 8.6 12.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.84 min Scan# 3736
 Delta R.T. -0.01 min
 Lab File: BG027674.D
 Acq: 25 Jun 2017 00:44

Tgt Ion:264 Resp: 161367
 Ion Ratio Lower Upper
 264 100
 260 23.1 21.8 32.8
 265 21.3 18.2 27.4

