

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG062217\
 Data File : BG027626.D
 Acq On : 23 Jun 2017 11:14
 Operator : SJ/JU
 Sample : PB100013BL
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB100013BL

Quant Time: Jun 23 15:19:52 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	15086	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	69331	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	44947	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	145349	20.00	ng	0.00
75) Chrysene-d12	22.21	240	172989	20.00	ng	0.00
86) Perylene-d12	25.84	264	164594	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	137892	130.09	ng	0.00
7) Phenol-d6	7.64	99	184927	117.85	ng	0.00
23) Nitrobenzene-d5	9.66	82	118437	80.83	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	113715	169.70	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	285300	86.71	ng	0.00
78) Terphenyl-d14	20.42	244	706673	96.25	ng	0.00

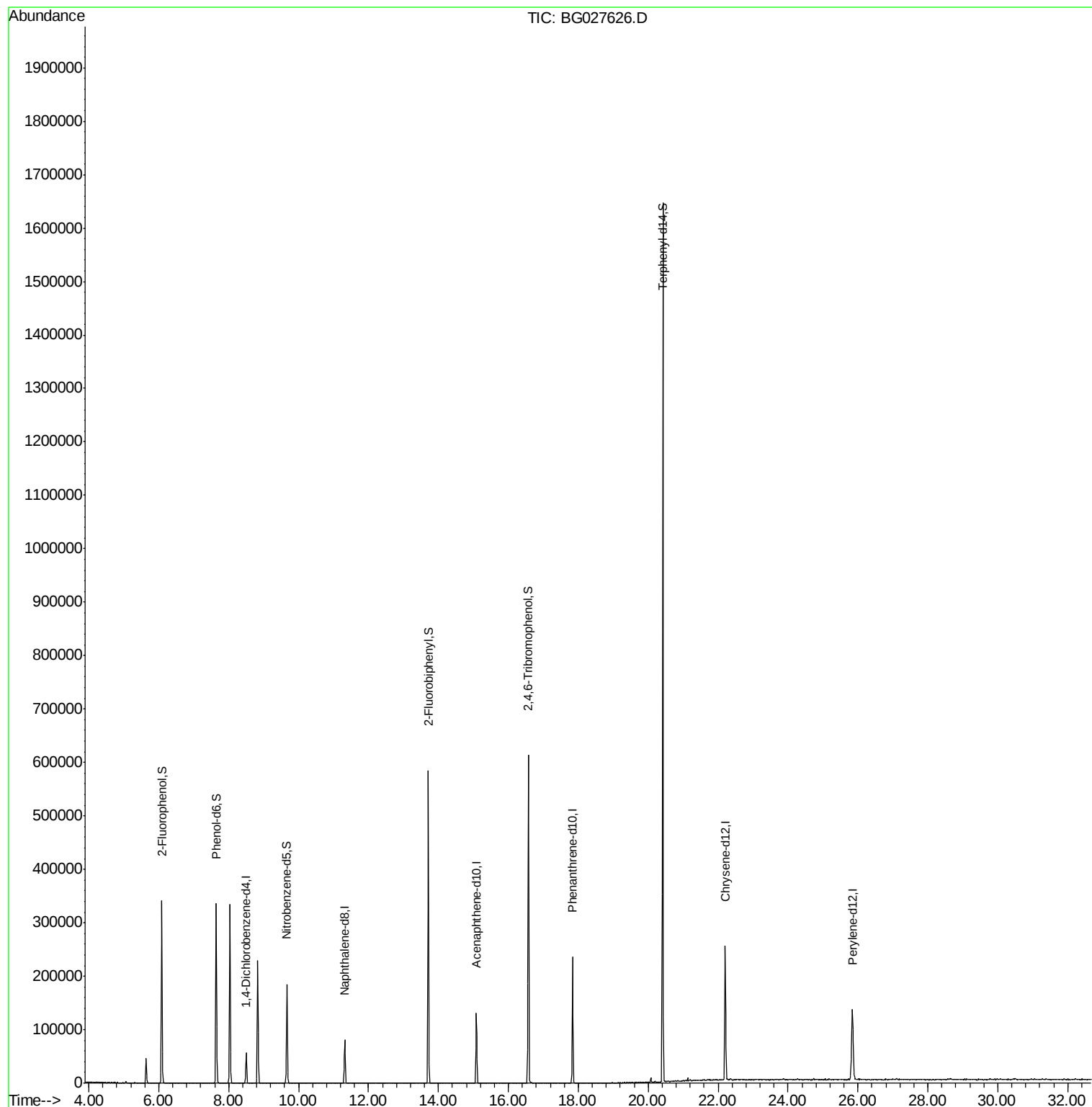
Target Compounds Qvalue

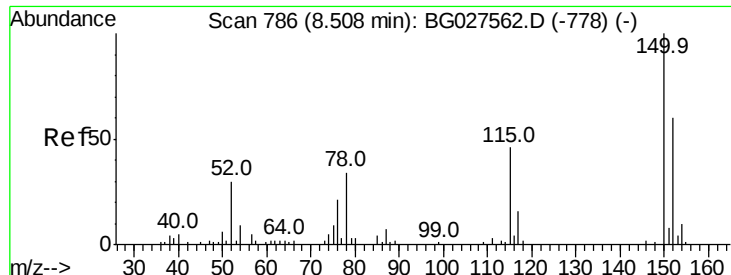
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.50 min Scan# 785

Delta R.T. -0.01 min

Lab File: BG027626.D

Acq: 23 Jun 2017 11:14

Instrument :

BNA_G

ClientSampleId :

PB100013BL

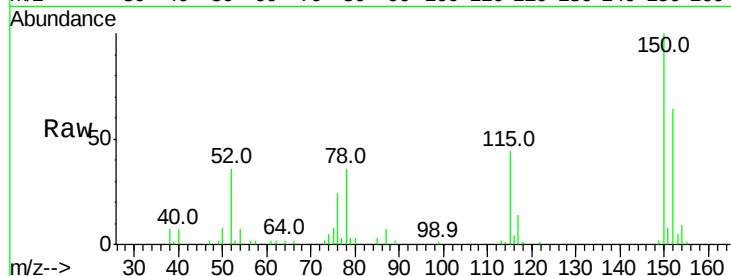
Tot Ion:152 Resp: 15086

Ion Ratio Lower Upper

152 100

150 157.3 114.0 171.0

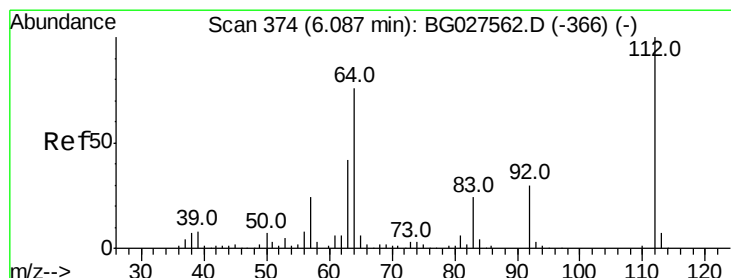
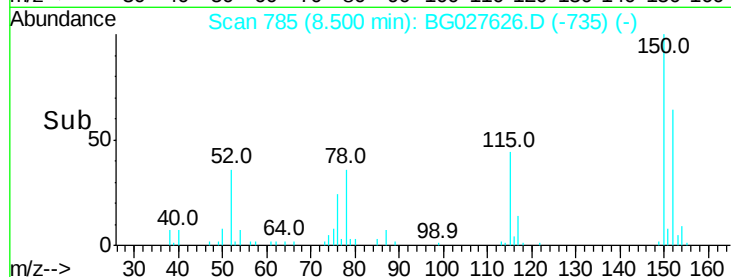
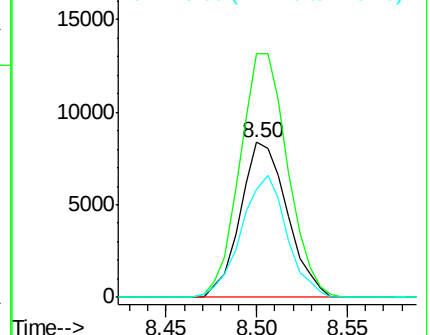
115 69.4 48.1 72.1



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: 130.09 ng

RT: 6.09 min Scan# 375

Delta R.T. 0.00 min

Lab File: BG027626.D

Acq: 23 Jun 2017 11:14

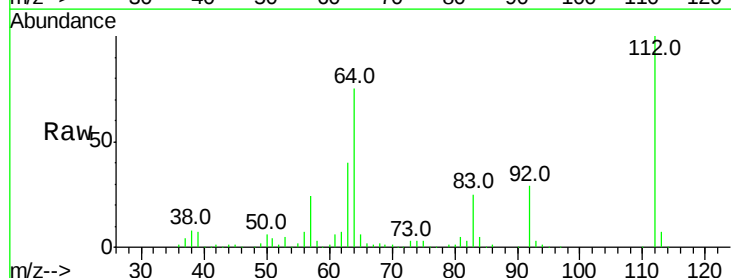
Tgt Ion:112 Resp: 137892

Ion Ratio Lower Upper

112 100

64 74.8 61.8 92.6

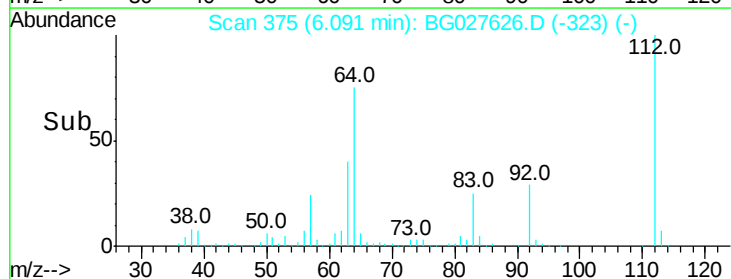
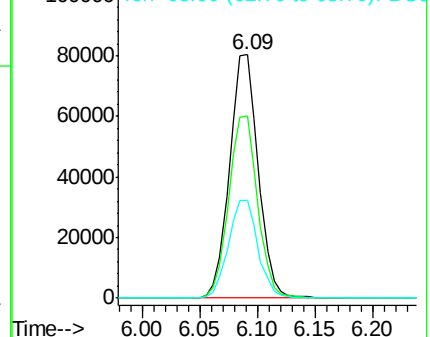
63 40.3 37.2 55.8

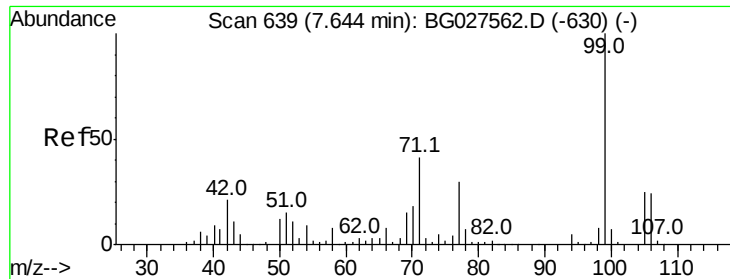


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 117.85 ng

RT: 7.64 min Scan# 639

Delta R.T. -0.00 min

Lab File: BG027626.D

Acq: 23 Jun 2017 11:14

Instrument :

BNA_G

ClientSampleId :

PB100013BL

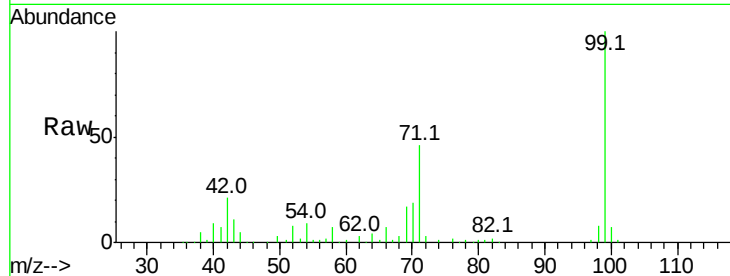
Tot Ion: 99 Resp: 184927

Ion Ratio Lower Upper

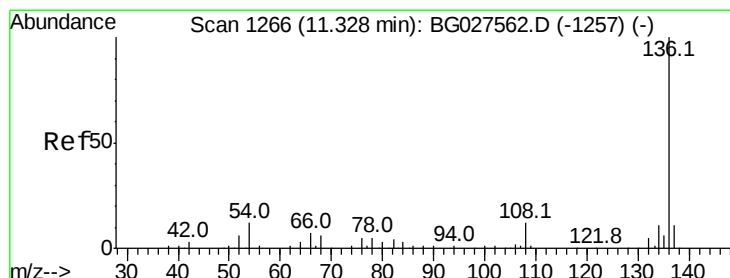
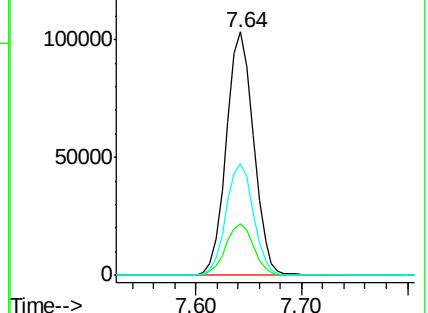
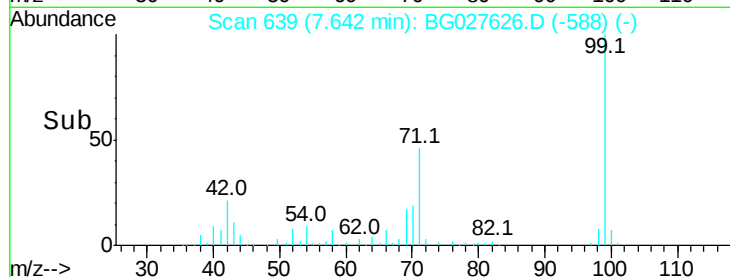
99 100

42 20.9 20.5 30.7

71 46.1 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: BG027626.D

Acq: 23 Jun 2017 11:14

Tgt Ion: 136 Resp: 69331

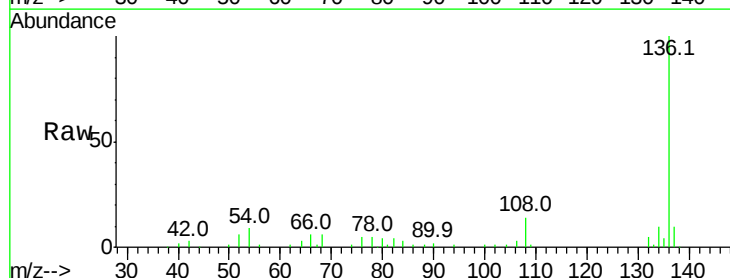
Ion Ratio Lower Upper

136 100

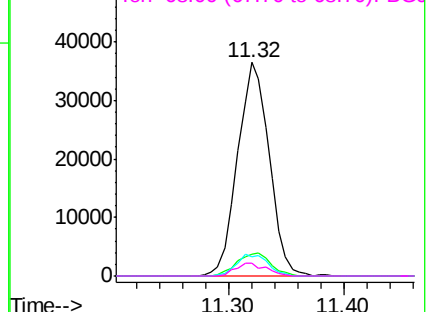
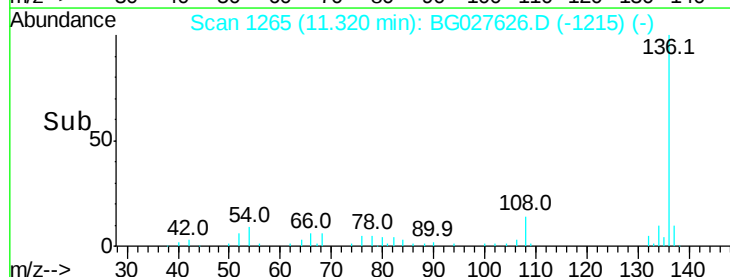
137 10.1 8.9 13.3

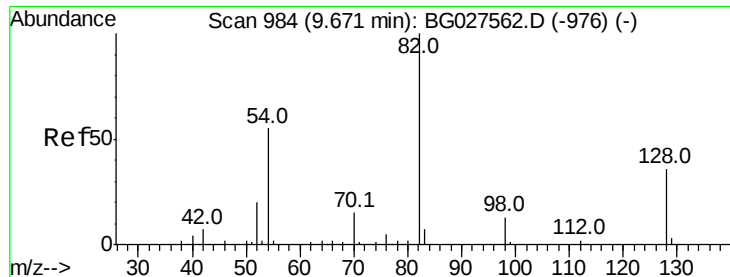
54 9.1 9.3 13.9#

68 6.2 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

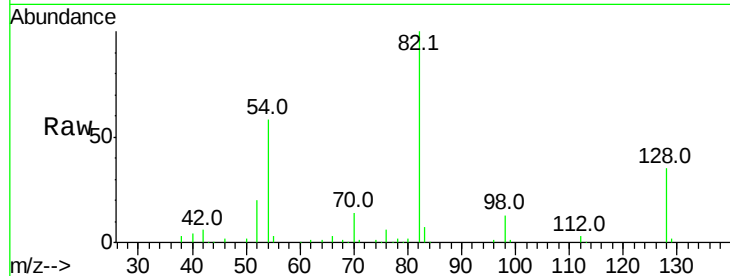




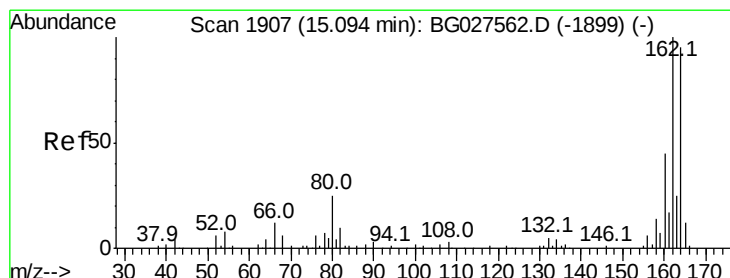
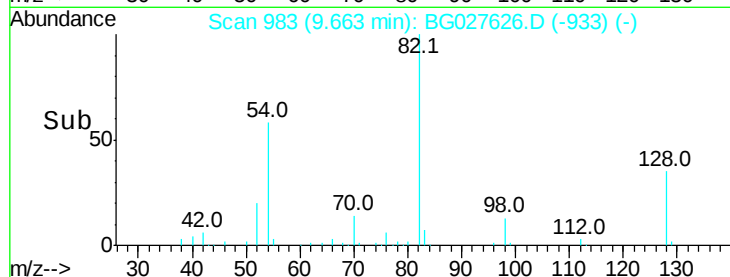
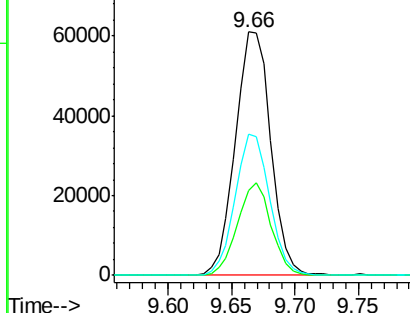
#23
Nitrobenzene-d5
Concen: 80.83 ng
RT: 9.66 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG027626.D
Acq: 23 Jun 2017 11:14

Instrument :
BNA_G
ClientSampleId :
PB100013BL

Tot Ion: 82 Resp: 118437
Ion Ratio Lower Upper
82 100
128 35.0 26.4 39.6
54 58.1 49.4 74.2

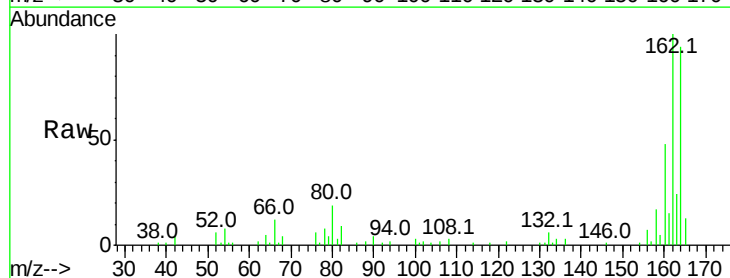


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

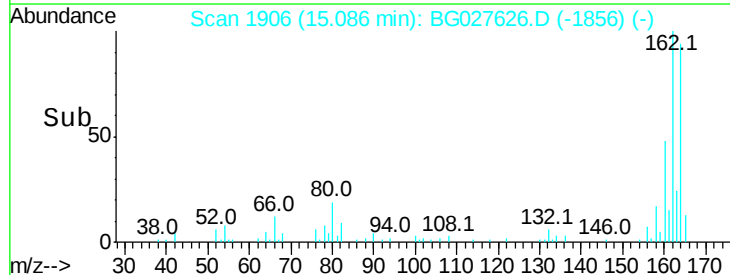
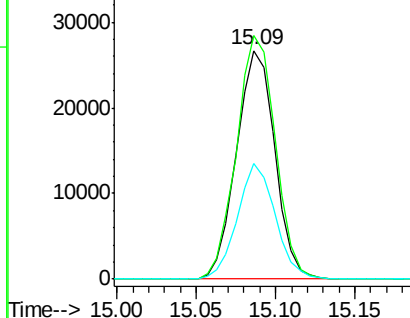


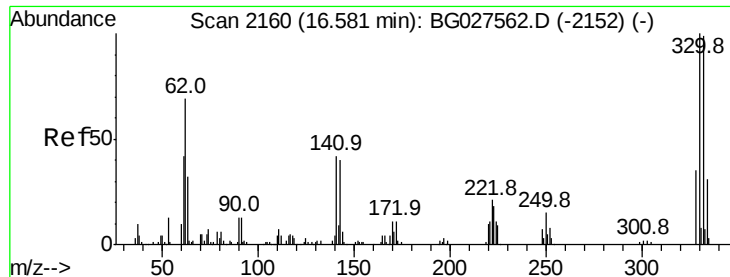
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.09 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BG027626.D
Acq: 23 Jun 2017 11:14

Tgt Ion:164 Resp: 44947
Ion Ratio Lower Upper
164 100
162 106.4 85.1 127.7
160 50.8 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: 169.70 ng

RT: 16.57 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG027626.D

Acq: 23 Jun 2017 11:14

Instrument :

BNA_G

ClientSampleId :

PB100013BL

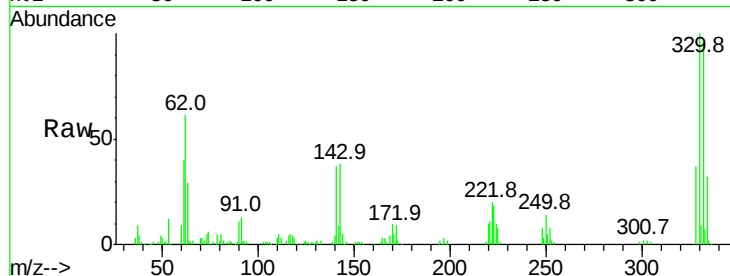
Tot Ion:330 Resp: 113715

Ion Ratio Lower Upper

330 100

332 97.2 77.3 115.9

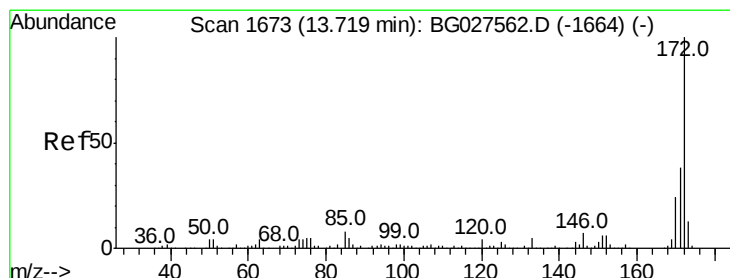
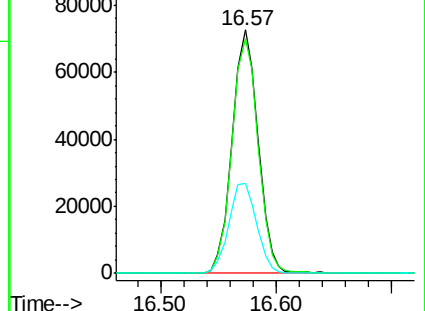
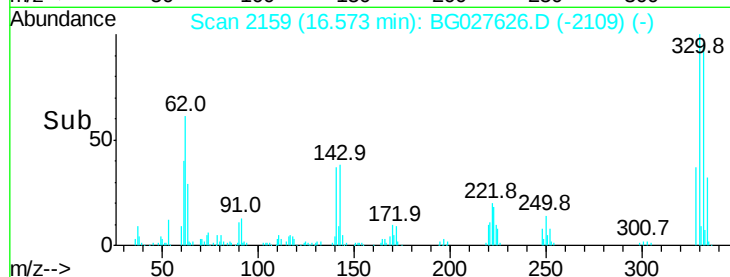
141 39.4 32.1 48.1



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: 86.71 ng

RT: 13.71 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BG027626.D

Acq: 23 Jun 2017 11:14

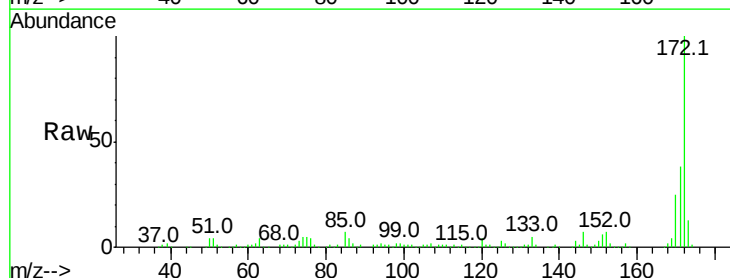
Tgt Ion:172 Resp: 285300

Ion Ratio Lower Upper

172 100

171 38.3 32.2 48.2

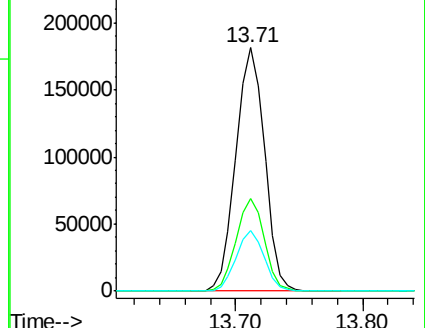
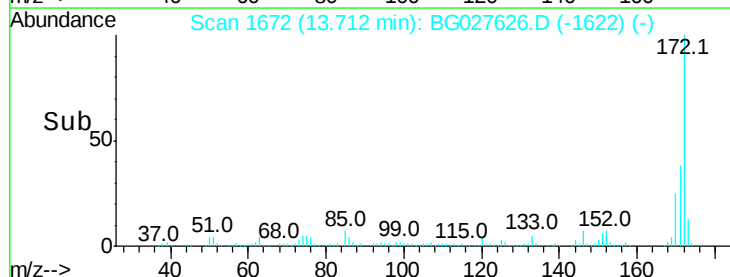
170 25.0 21.8 32.6

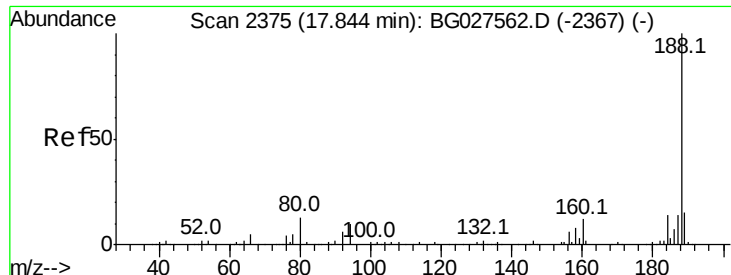


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG027626.D

Acq: 23 Jun 2017 11:14

Instrument :

BNA_G

ClientSampleId :

PB100013BL

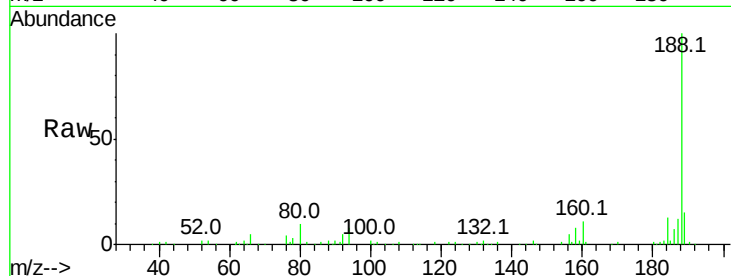
Tot Ion:188 Resp: 145349

Ion Ratio Lower Upper

188 100

94 7.6 5.8 8.8

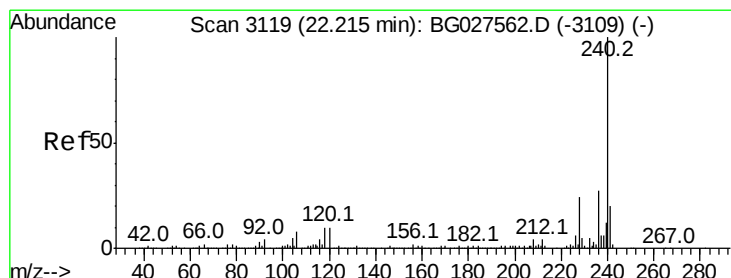
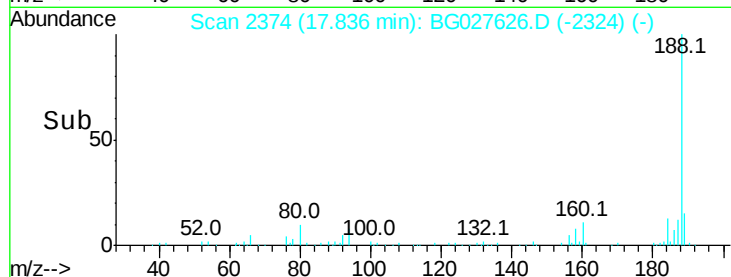
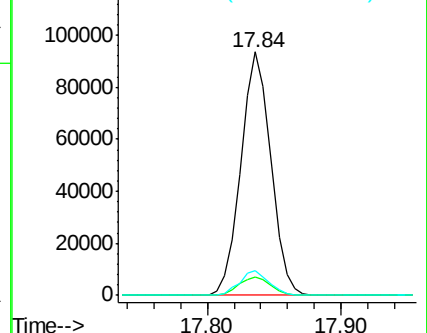
80 10.3 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.21 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BG027626.D

Acq: 23 Jun 2017 11:14

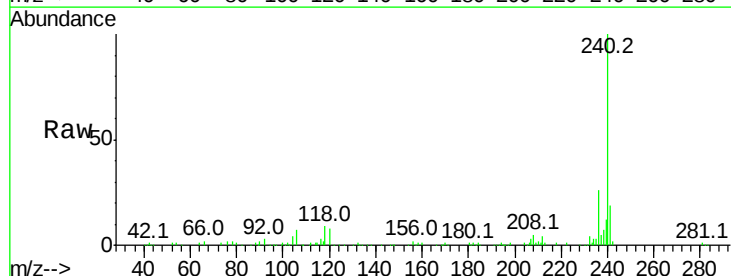
Tgt Ion:240 Resp: 172989

Ion Ratio Lower Upper

240 100

120 8.3 5.7 8.5

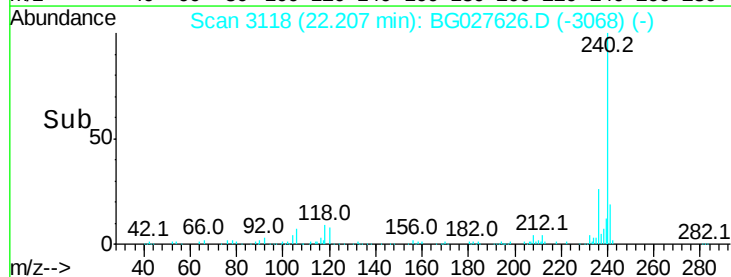
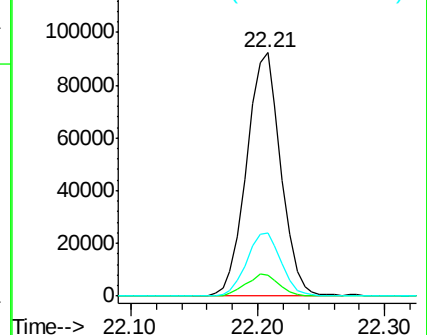
236 25.7 22.2 33.4

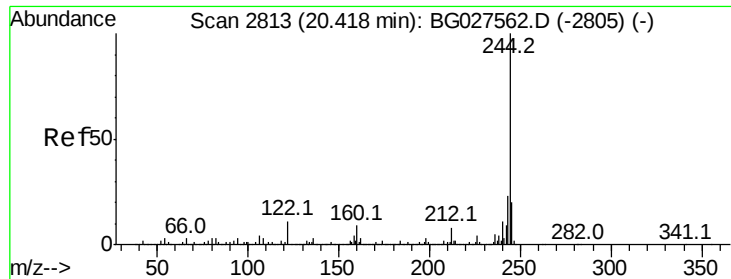


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

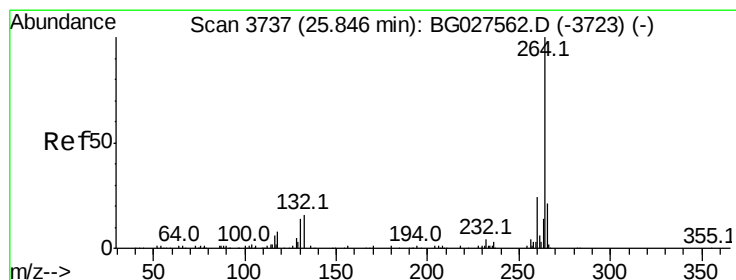
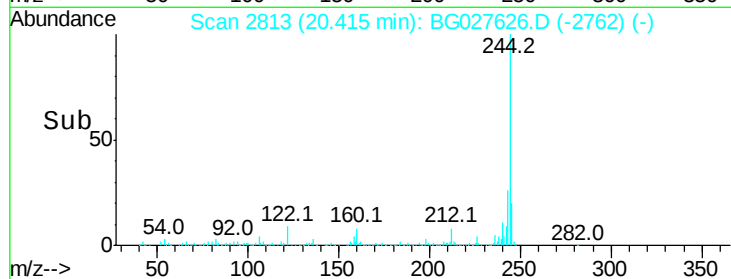
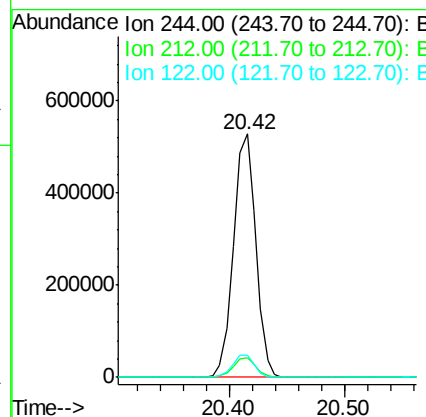
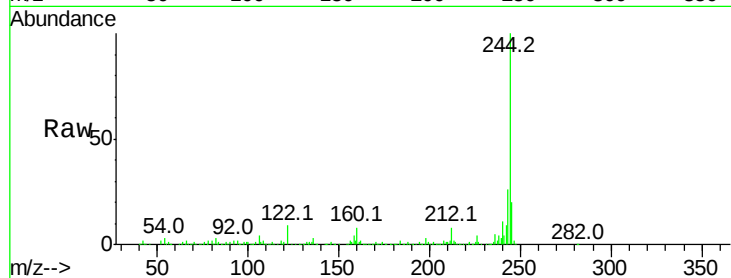




#78
 Terphenyl-d14
 Concen: 96.25 ng
 RT: 20.42 min Scan# 2813
 Delta R.T. -0.00 min
 Lab File: BG027626.D
 Acq: 23 Jun 2017 11:14

Instrument :
 BNA_G
 ClientSampleId :
 PB100013BL

Tot Ion:244 Resp: 706673
 Ion Ratio Lower Upper
 244 100
 212 8.2 10.0 15.0#
 122 9.2 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: BG027626.D
 Acq: 23 Jun 2017 11:14

Tgt Ion:264 Resp: 164594
 Ion Ratio Lower Upper
 264 100
 260 23.0 21.8 32.8
 265 22.0 18.2 27.4

