

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062617\
 Data File : BG027689.D
 Acq On : 27 Jun 2017 00:25
 Operator : SJ/JU
 Sample : I3897-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11931

Quant Time: Jun 27 01:30:55 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

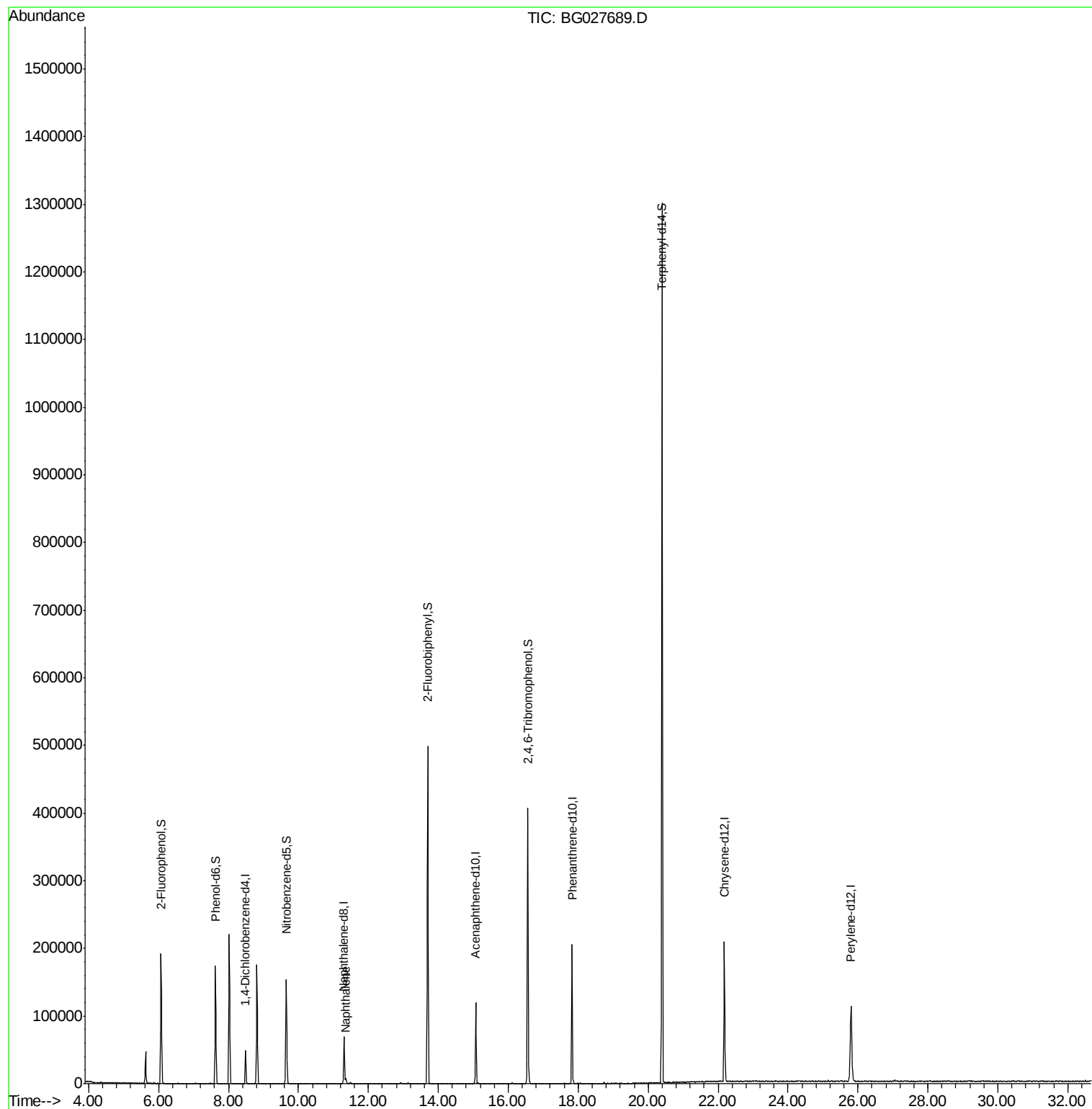
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	12557	20.00	ng	-0.02
21) Naphthalene-d8	11.31	136	57755	20.00	ng	-0.02
38) Acenaphthene-d10	15.07	164	39523	20.00	ng	-0.02
63) Phenanthrene-d10	17.82	188	127489	20.00	ng	-0.02
75) Chrysene-d12	22.18	240	142765	20.00	ng	-0.03
86) Perylene-d12	25.81	264	137129	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.07	112	77091	87.38	ng	-0.02
7) Phenol-d6	7.63	99	91133	69.77	ng	-0.02
23) Nitrobenzene-d5	9.65	82	97496	79.88	ng	-0.02
41) 2,4,6-Tribromophenol	16.56	330	76422	129.70	ng	-0.02
44) 2-Fluorobiphenyl	13.70	172	236620	81.78	ng	-0.02
78) Terphenyl-d14	20.40	244	576726	95.18	ng	-0.02
Target Compounds						
31) Naphthalene	11.36	128	7899	2.53	ng	Qvalue 97

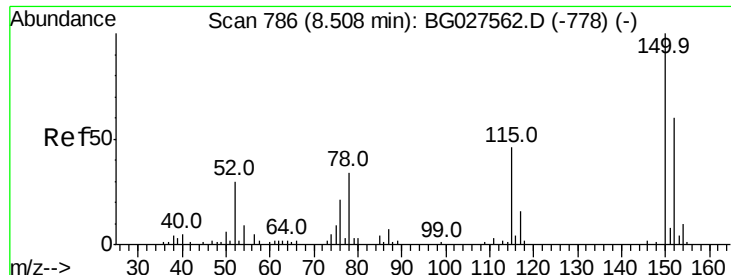
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.49 min Scan# 782

Delta R.T. -0.02 min

Lab File: BG027689.D

Acq: 27 Jun 2017 00:25

Instrument :

BNA_G

ClientSampleId :

72-11931

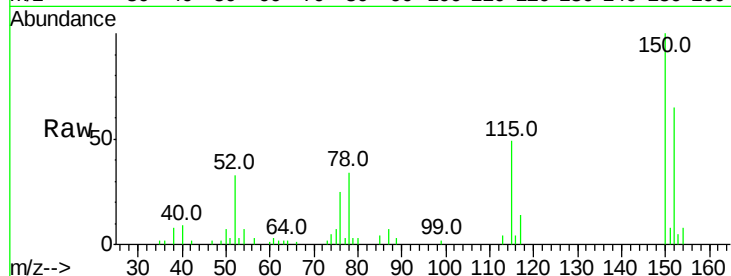
Tot Ion:152 Resp: 12557

Ion Ratio Lower Upper

152 100

150 154.4 114.0 171.0

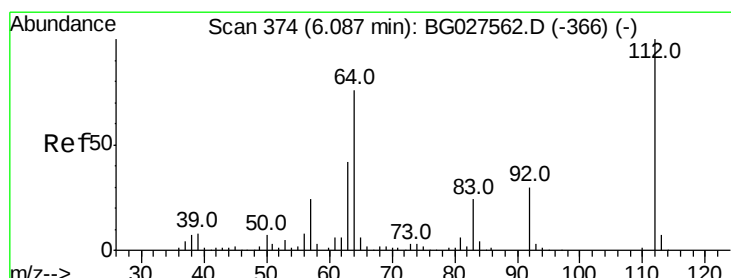
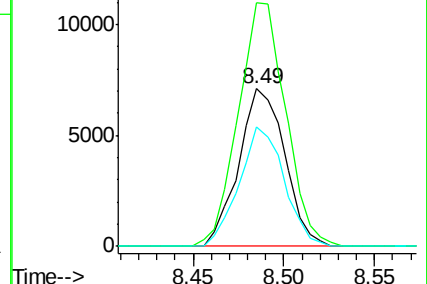
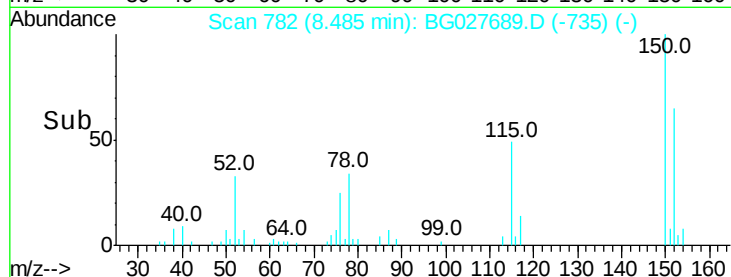
115 75.9 48.1 72.1#



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: 87.38 ng

RT: 6.07 min Scan# 371

Delta R.T. -0.02 min

Lab File: BG027689.D

Acq: 27 Jun 2017 00:25

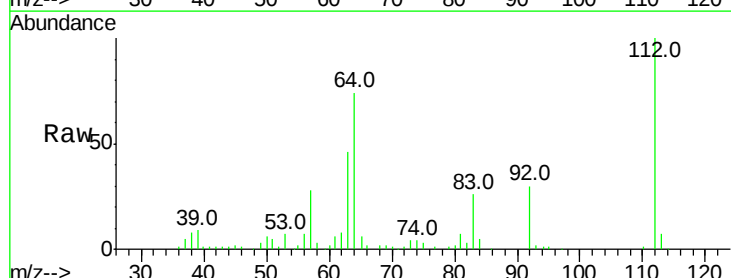
Tgt Ion:112 Resp: 77091

Ion Ratio Lower Upper

112 100

64 74.3 61.8 92.6

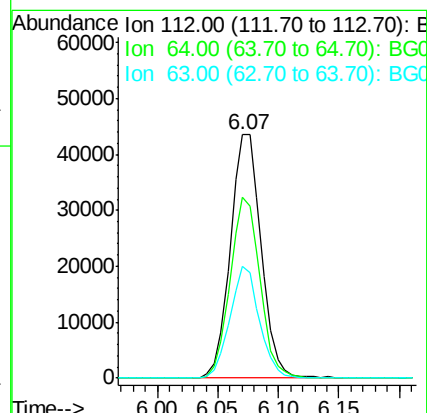
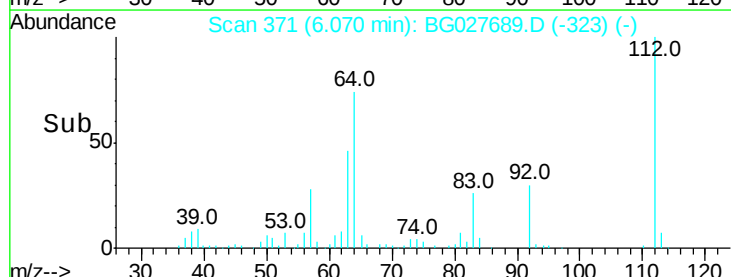
63 46.0 37.2 55.8

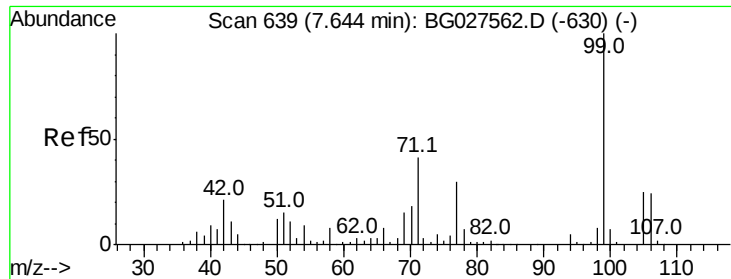


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 69.77 ng

RT: 7.63 min Scan# 636

Delta R.T. -0.02 min

Lab File: BG027689.D

Acq: 27 Jun 2017 00:25

Instrument :

BNA_G

ClientSampleId :

72-11931

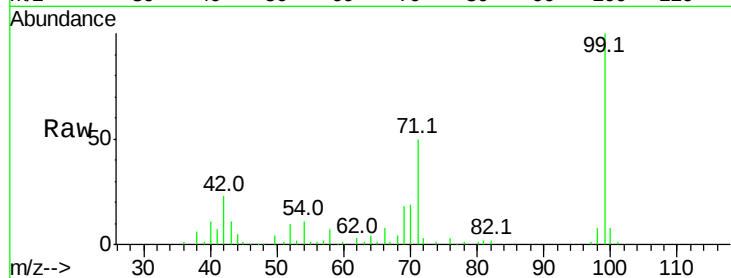
Tot Ion: 99 Resp: 91133

Ion Ratio Lower Upper

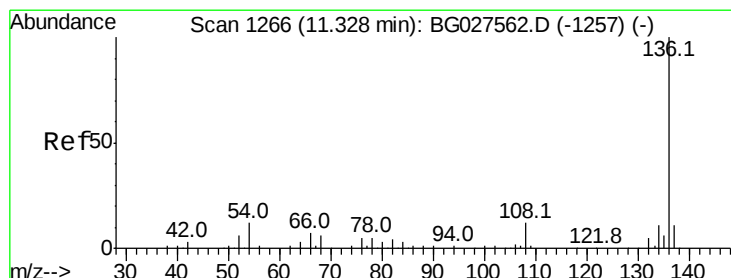
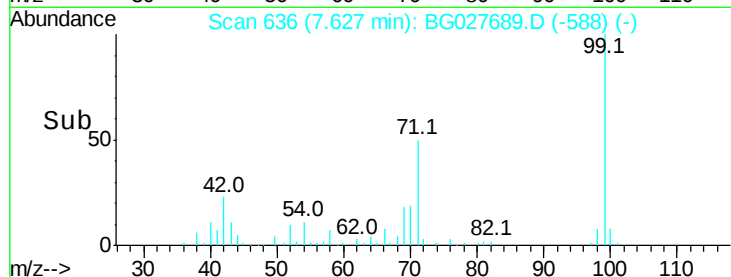
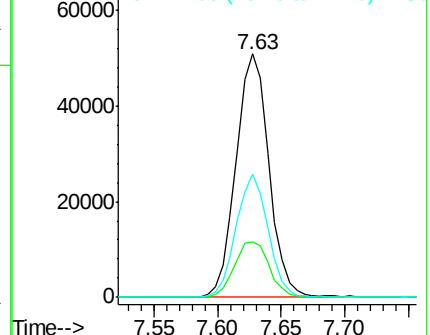
99 100

42 22.8 20.5 30.7

71 50.5 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: 20.00 ng

RT: 11.31 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BG027689.D

Acq: 27 Jun 2017 00:25

Tgt Ion: 136 Resp: 57755

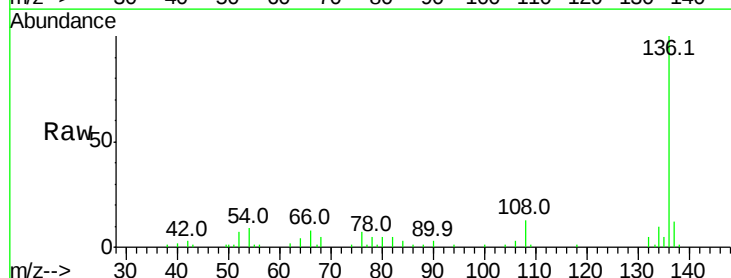
Ion Ratio Lower Upper

136 100

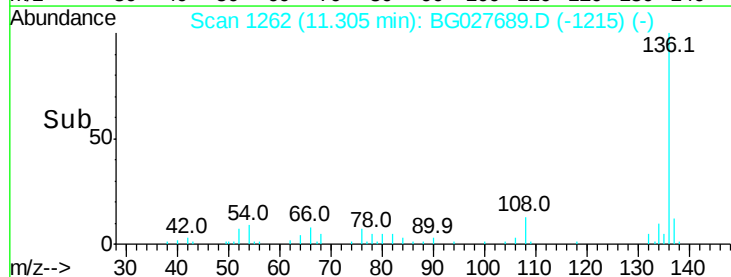
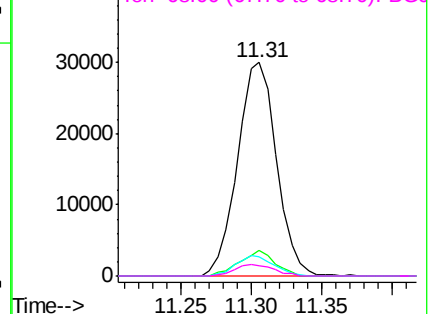
137 12.1 8.9 13.3

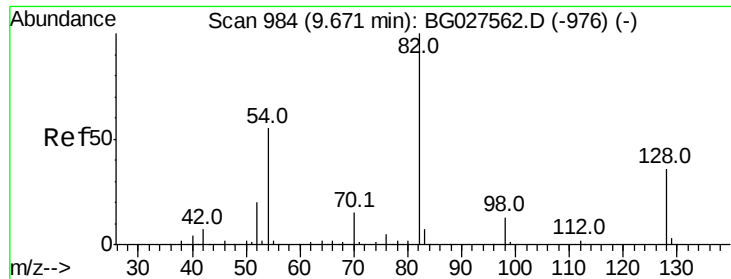
54 9.0 9.3 13.9#

68 4.7 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

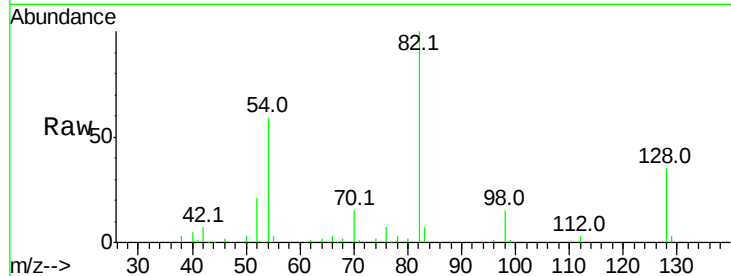




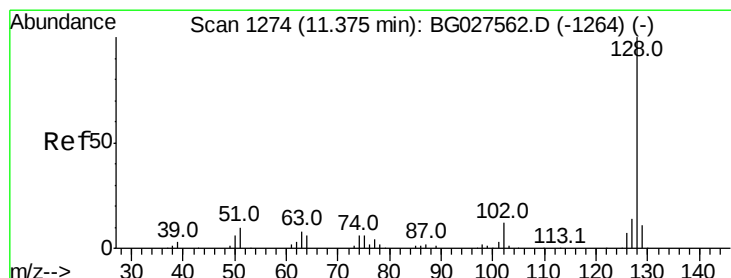
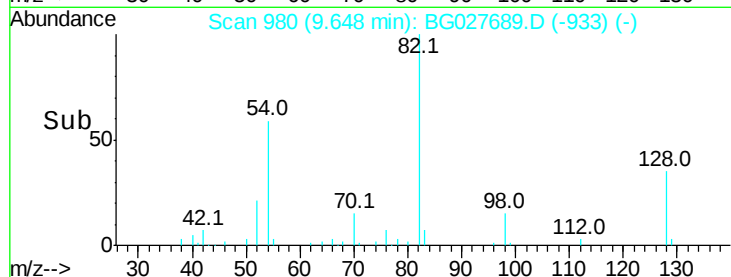
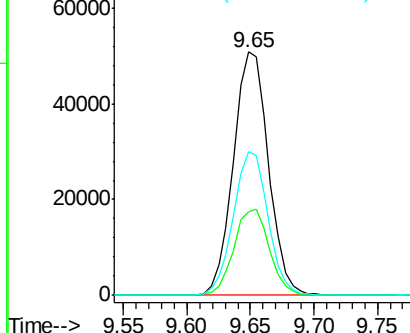
#23
Nitrobenzene-d5
Concen: 79.88 ng
RT: 9.65 min Scan# 980
Delta R.T. -0.02 min
Lab File: BG027689.D
Acq: 27 Jun 2017 00:25

Instrument :
BNA_G
ClientSampleId :
72-11931

Tot Ion: 82 Resp: 97496
Ion Ratio Lower Upper
82 100
128 34.5 26.4 39.6
54 59.1 49.4 74.2

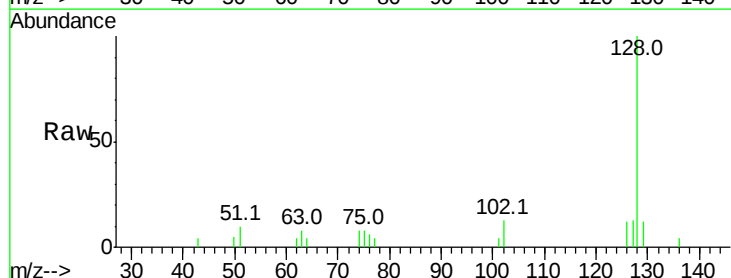


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

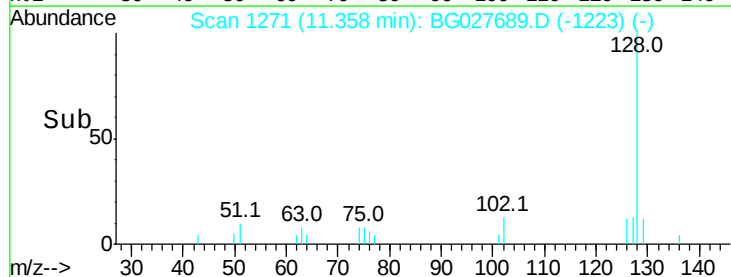
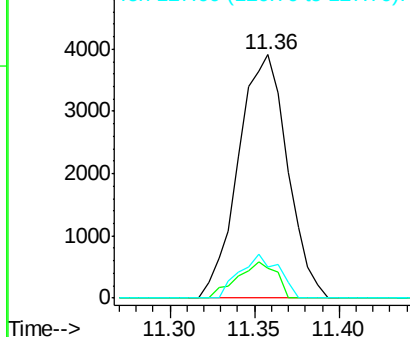


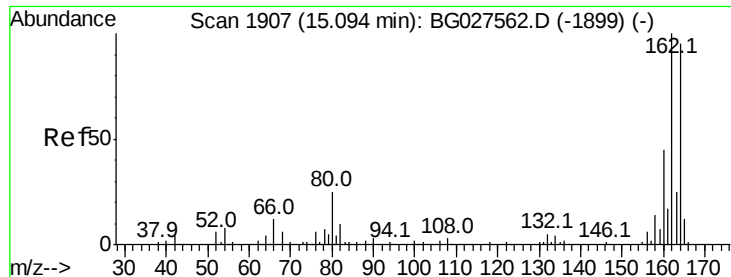
#31
Naphthalene
Concen: 2.53 ng
RT: 11.36 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BG027689.D
Acq: 27 Jun 2017 00:25

Tgt Ion: 128 Resp: 7899
Ion Ratio Lower Upper
128 100
129 12.5 9.3 13.9
127 12.9 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: 20.00 ng

RT: 15.07 min Scan# 1903

Delta R.T. -0.02 min

Lab File: BG027689.D

Acq: 27 Jun 2017 00:25

Instrument :

BNA_G

ClientSampleId :

72-11931

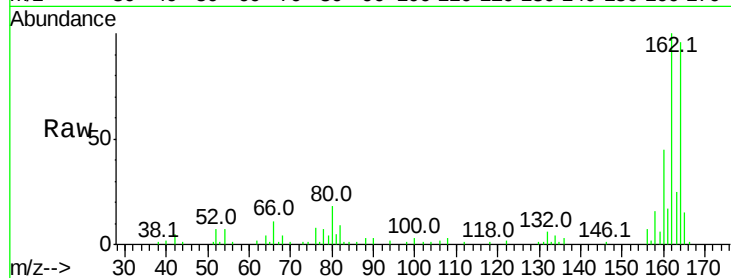
Tot Ion:164 Resp: 39523

Ion Ratio Lower Upper

164 100

162 104.5 85.1 127.7

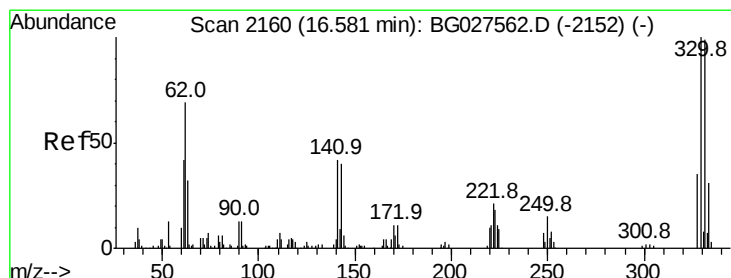
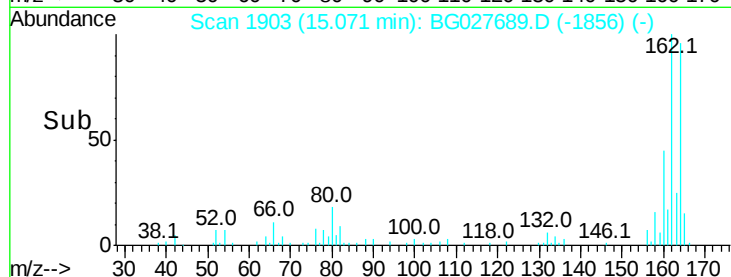
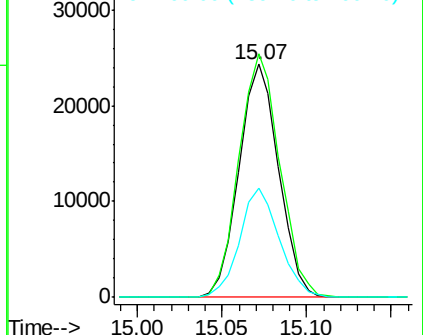
160 46.8 34.7 52.1



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: 129.70 ng

RT: 16.56 min Scan# 2156

Delta R.T. -0.02 min

Lab File: BG027689.D

Acq: 27 Jun 2017 00:25

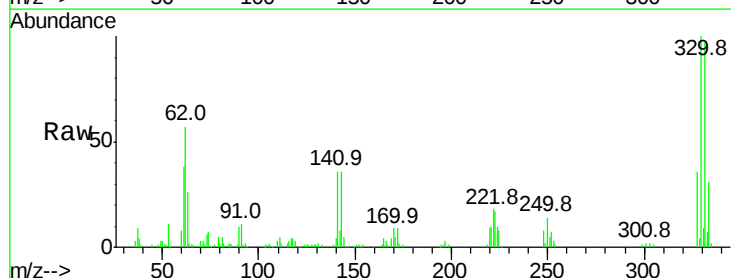
Tgt Ion:330 Resp: 76422

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

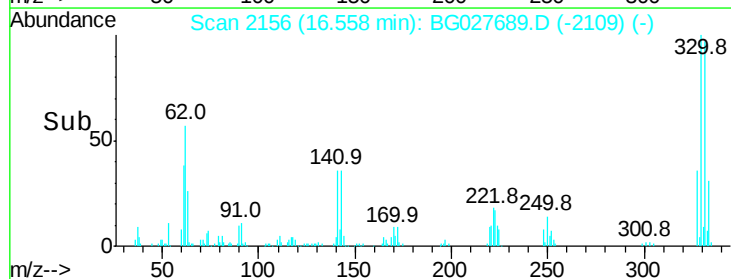
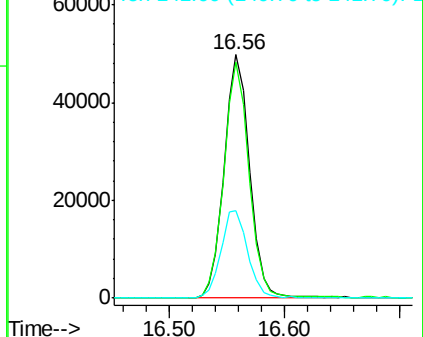
141 37.5 32.1 48.1

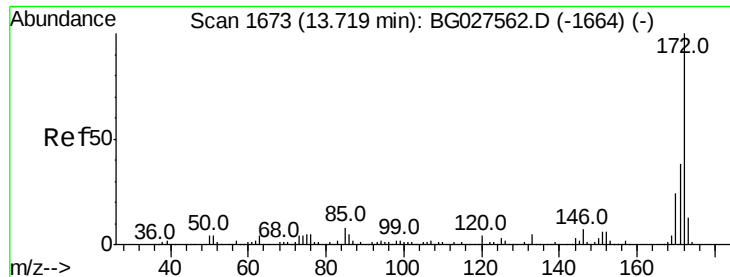


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

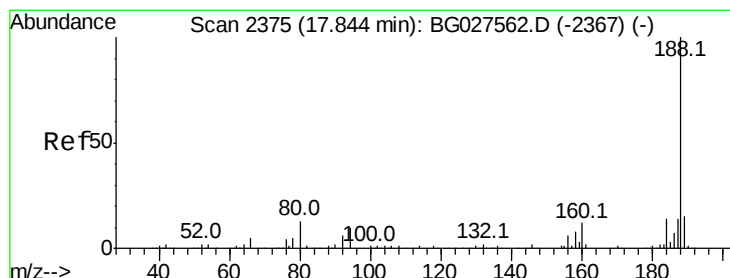
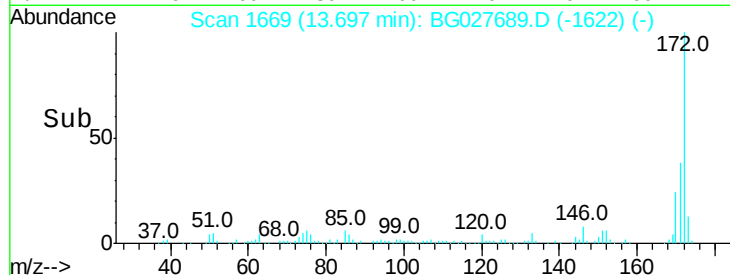
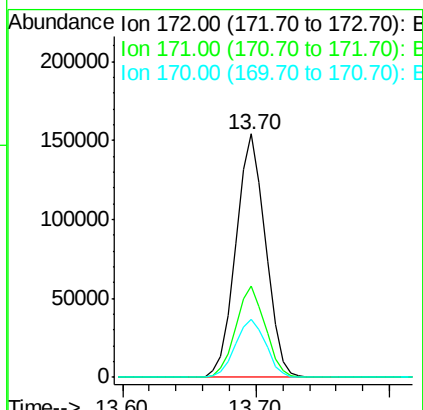
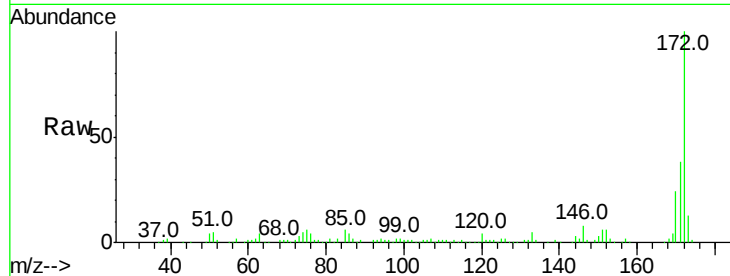




#44
 2-Fluorobiphenyl
 Concen: 81.78 ng
 RT: 13.70 min Scan# 1669
 Delta R.T. -0.02 min
 Lab File: BG027689.D
 Acq: 27 Jun 2017 00:25

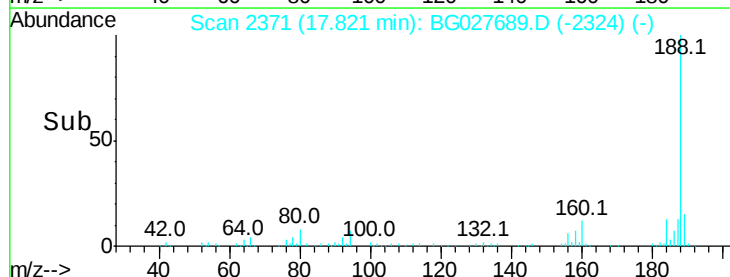
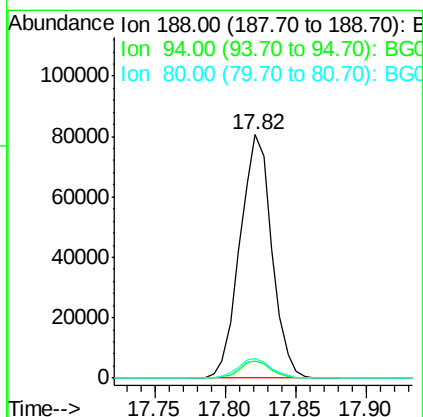
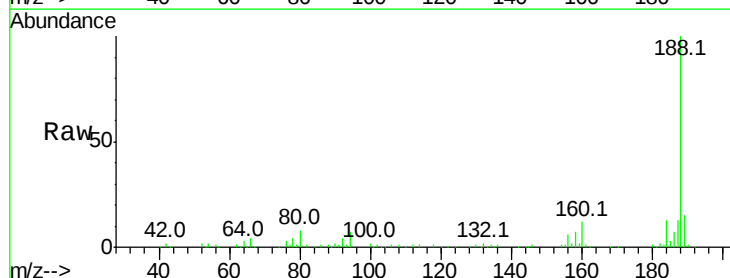
Instrument :
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 72-11931

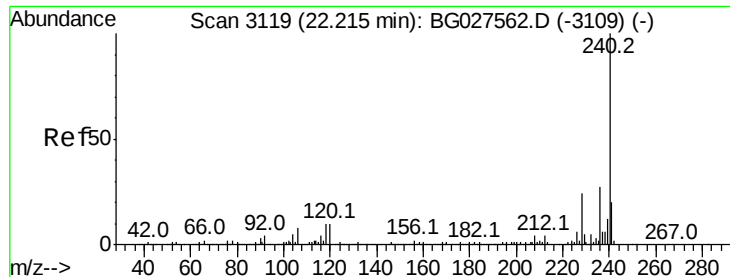
Tot Ion:172 Resp: 236620
 Ion Ratio Lower Upper
 172 100
 171 37.5 32.2 48.2
 170 24.0 21.8 32.6



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.82 min Scan# 2371
 Delta R.T. -0.02 min
 Lab File: BG027689.D
 Acq: 27 Jun 2017 00:25

Tgt Ion:188 Resp: 127489
 Ion Ratio Lower Upper
 188 100
 94 7.2 5.8 8.8
 80 8.2 7.5 11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.18 min Scan# 3113

Delta R.T. -0.03 min

Lab File: BG027689.D

Acq: 27 Jun 2017 00:25

Instrument :

BNA_G

ClientSampleId :

72-11931

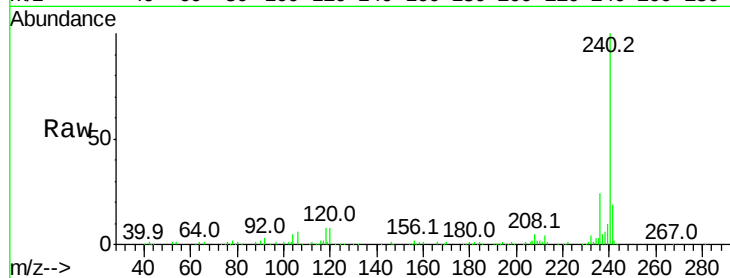
Tot Ion:240 Resp: 142765

Ion Ratio Lower Upper

240 100

120 8.0 5.7 8.5

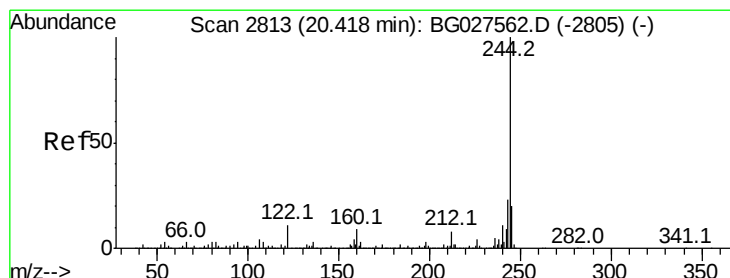
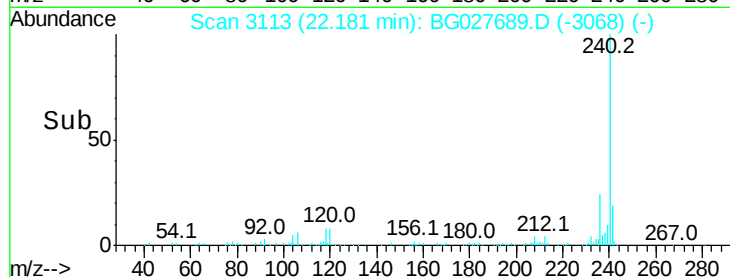
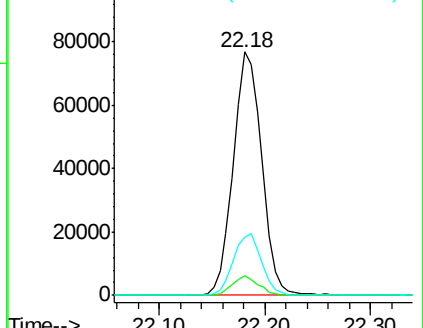
236 23.9 22.2 33.4



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: 95.18 ng

RT: 20.40 min Scan# 2810

Delta R.T. -0.02 min

Lab File: BG027689.D

Acq: 27 Jun 2017 00:25

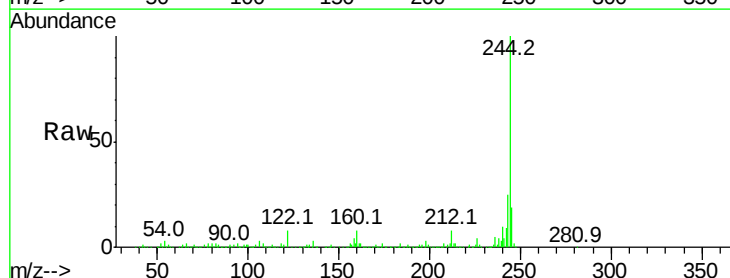
Tgt Ion:244 Resp: 576726

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

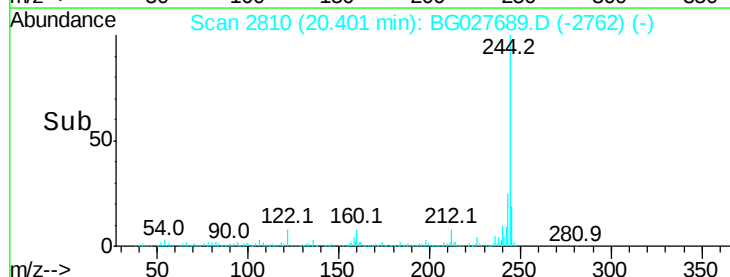
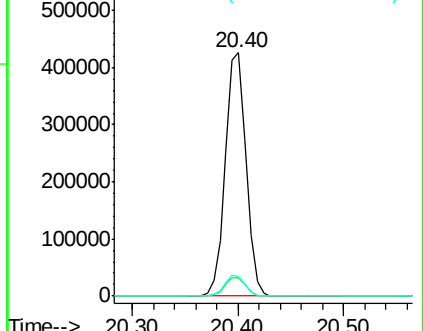
122 7.9 8.6 12.8#



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
Pervlene-d12
Concen: 20.00 ng
RT: 25.81 min Scan# 3731
Delta R.T. -0.03 min
Lab File: BG027689.D
Acq: 27 Jun 2017 00:25

Instrument :
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ClientSampleId :
72-11931

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	21.8	32.8
265	22.3	18.2	27.4

