

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
 Data File : BG027233.D
 Acq On : 6 Jun 2017 4:25
 Operator : SJ/MA
 Sample : I3405-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R1-SB-1D1011

Quant Time: Jun 06 06:03:09 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

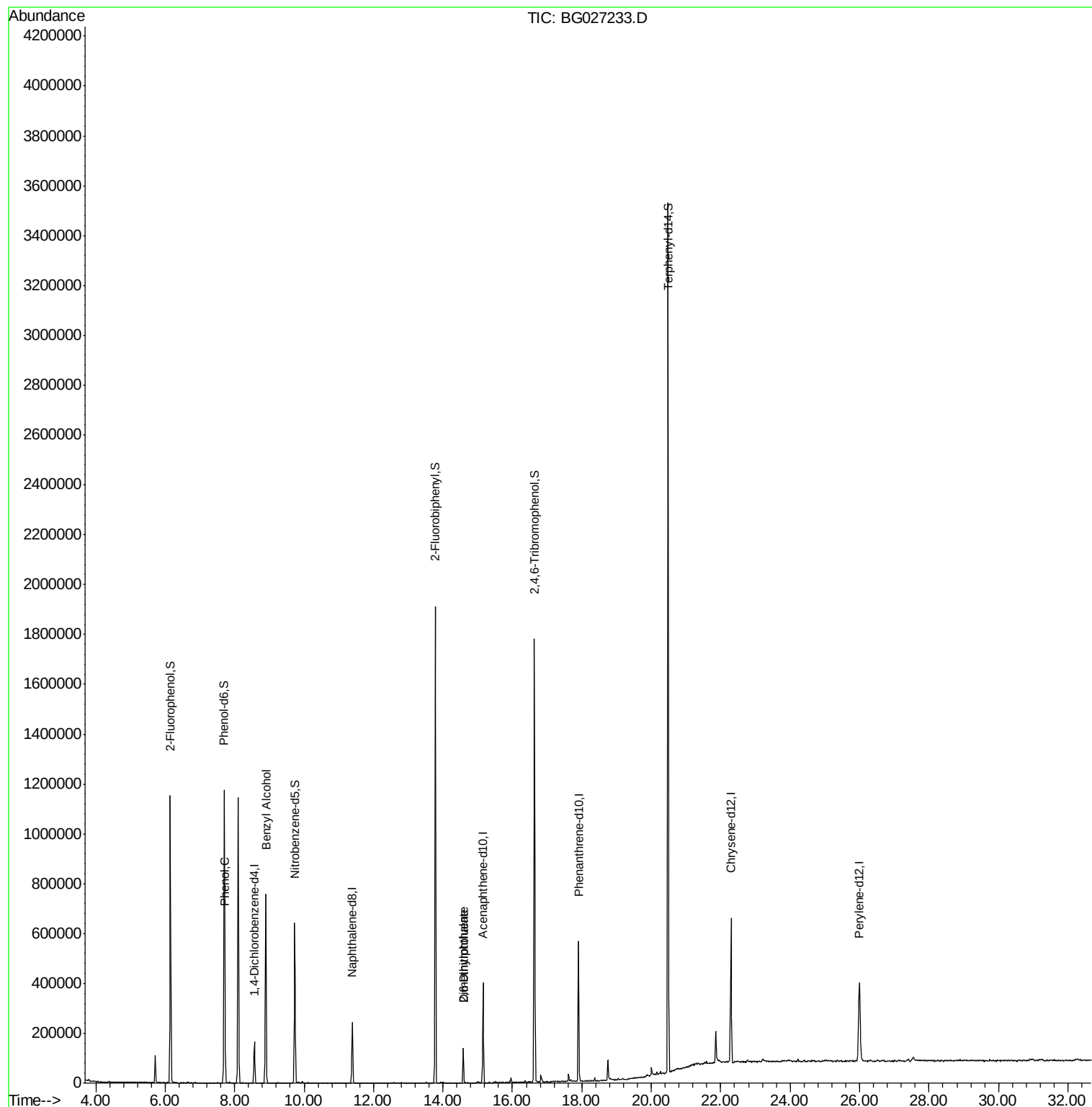
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	49042	20.00	ng	0.00
21) Naphthalene-d8	11.39	136	225928	20.00	ng	0.00
38) Acenaphthene-d10	15.16	164	147285	20.00	ng	0.00
63) Phenanthrene-d10	17.91	188	371299	20.00	ng	0.00
75) Chrysene-d12	22.29	240	421748	20.00	ng	-0.02
86) Perylene-d12	26.00	264	399840	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	575058	178.93	ng	0.00
7) Phenol-d6	7.70	99	795765	168.68	ng	0.00
23) Nitrobenzene-d5	9.73	82	420805	117.14	ng	0.00
41) 2,4,6-Tribromophenol	16.64	330	363597	187.47	ng	0.00
44) 2-Fluorobiphenyl	13.78	172	1056345	100.34	ng	0.00
78) Terphenyl-d14	20.48	244	1632055	98.72	ng	0.00
Target Compounds						
10) Phenol	7.72	94	38709	8.02	ng	Qvalue 88
15) Benzyl Alcohol	8.89	79	6973	2.10	ng	# 50
49) Dimethylphthalate	14.59	163	95684	8.19	ng	97
50) 2,6-Dinitrotoluene	14.59	165	916	5.96	ng	# 10

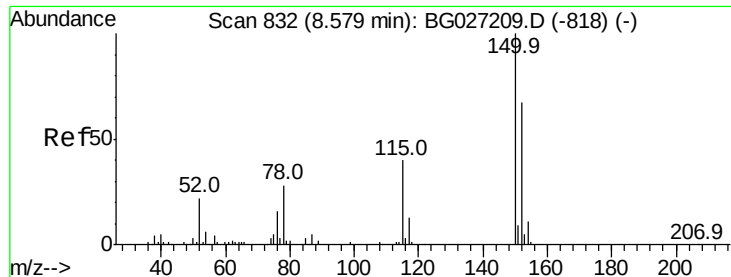
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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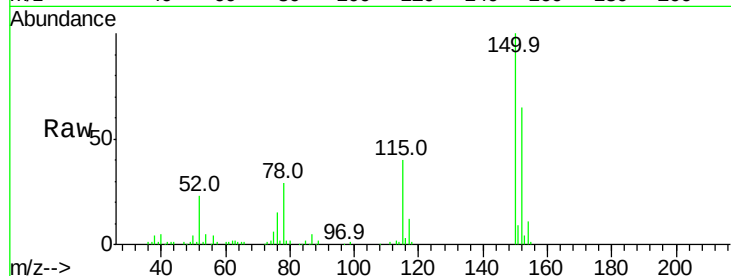


#1

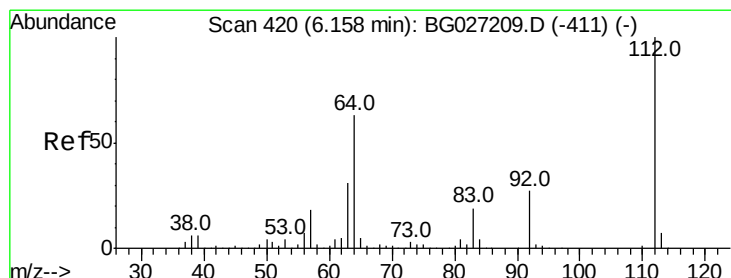
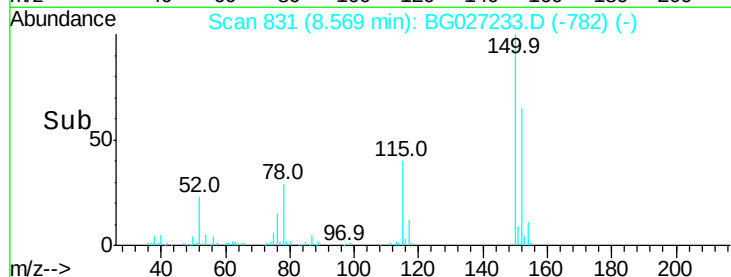
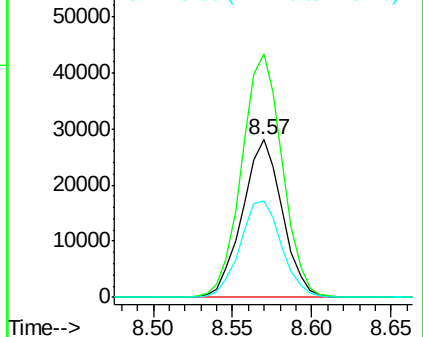
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.57 min Scan# 831
Delta R.T. -0.01 min
Lab File: BG027233.D
Acq: 6 Jun 2017 4:25

Instrument :
BNA_G
ClientSampleId :
R1-SB-1D1011

Tot Ion:152 Resp: 49042
Ion Ratio Lower Upper
152 100
150 154.6 114.0 171.0
115 61.5 48.1 72.1



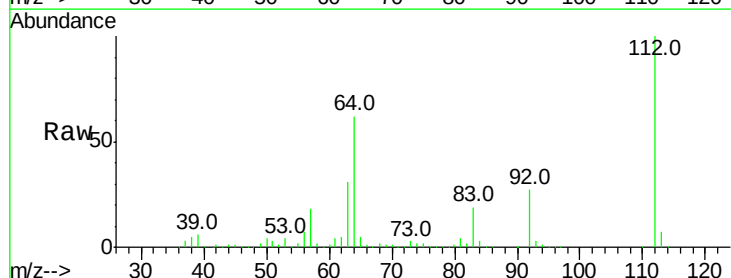
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



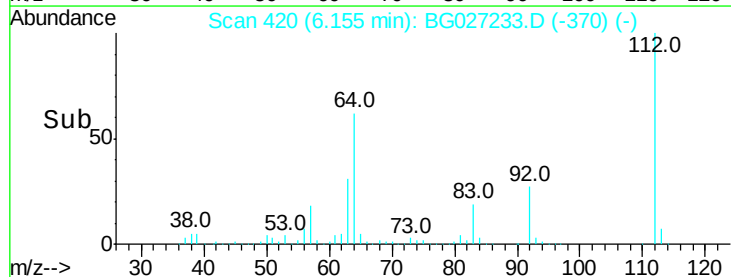
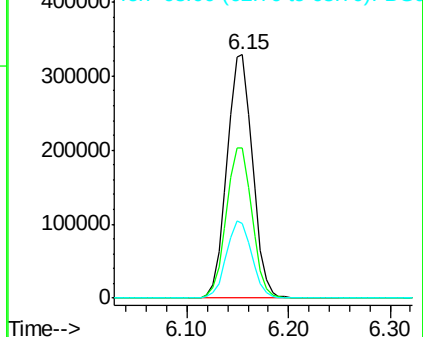
#5

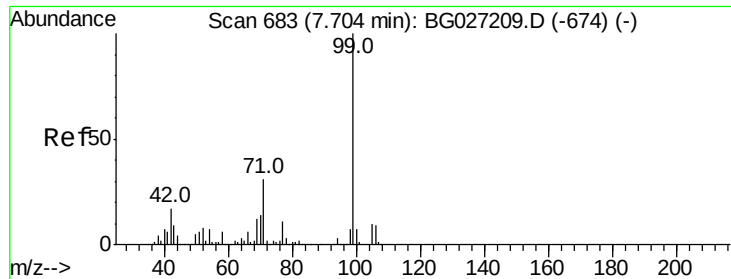
2-Fluorophenol
Concen: 178.93 ng
RT: 6.15 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG027233.D
Acq: 6 Jun 2017 4:25

Tgt Ion:112 Resp: 575058
Ion Ratio Lower Upper
112 100
64 61.6 61.8 92.6#
63 30.9 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: 168.68 ng

RT: 7.70 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG027233.D

Acq: 6 Jun 2017 4:25

Instrument :

BNA_G

ClientSampleId :

R1-SB-1D1011

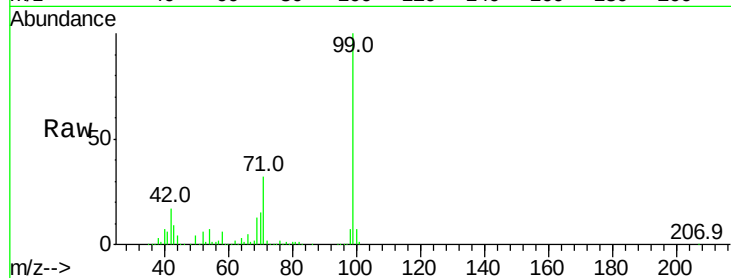
Tot Ion: 99 Resp: 795765

Ion Ratio Lower Upper

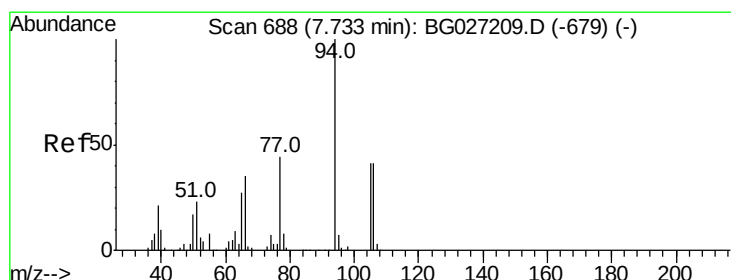
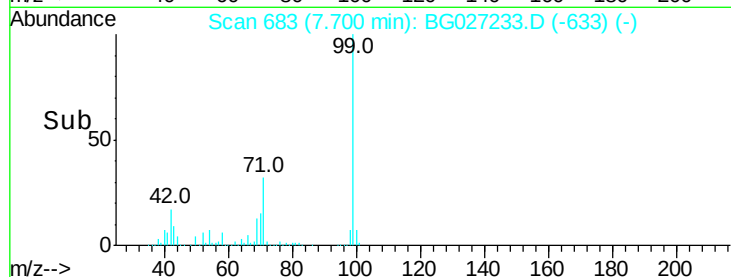
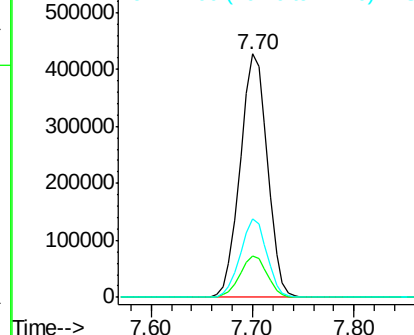
99 100

42 16.9 20.5 30.7#

71 32.2 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



#10

Phenol

Concen: 8.02 ng

RT: 7.72 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG027233.D

Acq: 6 Jun 2017 4:25

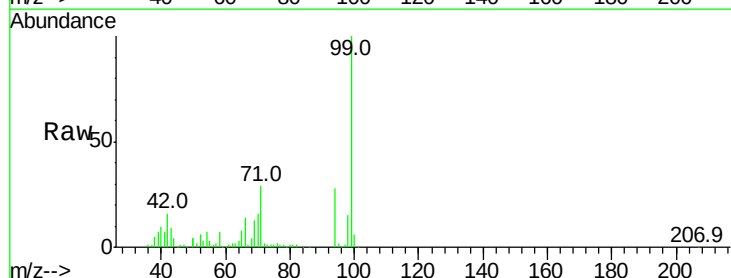
Tgt Ion: 94 Resp: 38709

Ion Ratio Lower Upper

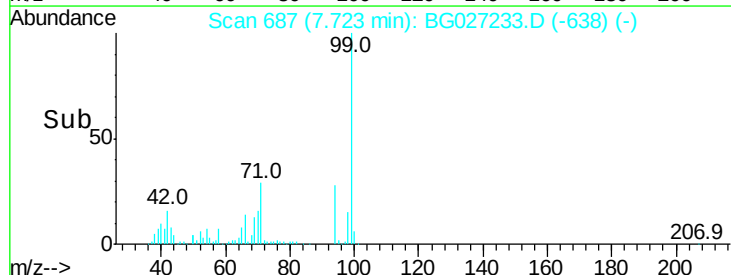
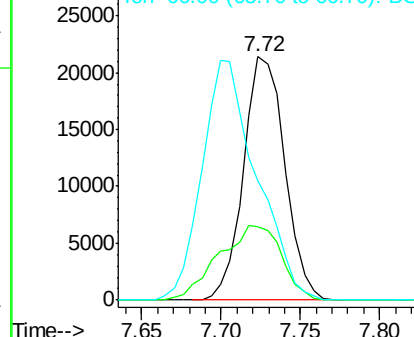
94 100

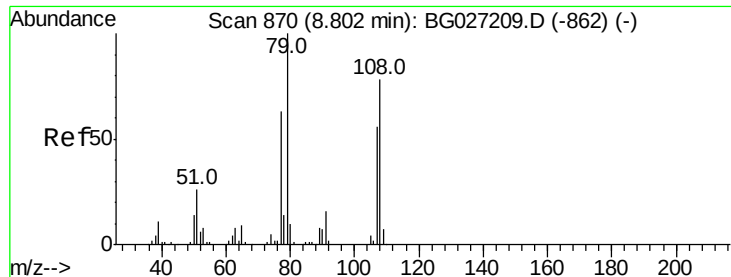
65 29.9 20.6 60.6

66 49.3 35.5 75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#15

Benzyl Alcohol

Concen: 2.10 ng

RT: 8.89 min Scan# 886

Delta R.T. 0.09 min

Lab File: BG027233.D

Acq: 6 Jun 2017 4:25

Instrument :

BNA_G

ClientSampleId :

R1-SB-1D1011

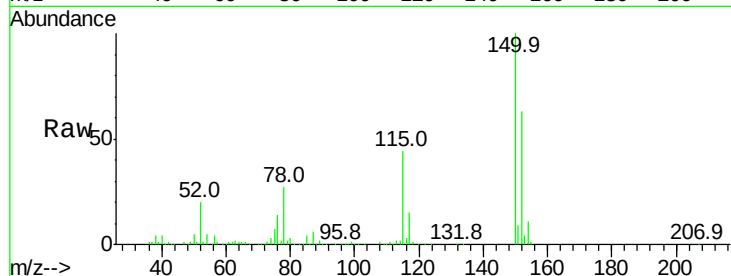
Tot Ion: 79 Resp: 6973

Ion Ratio Lower Upper

79 100

108 32.6 45.5 68.3#

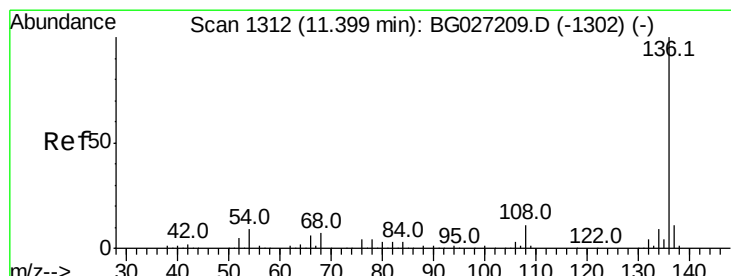
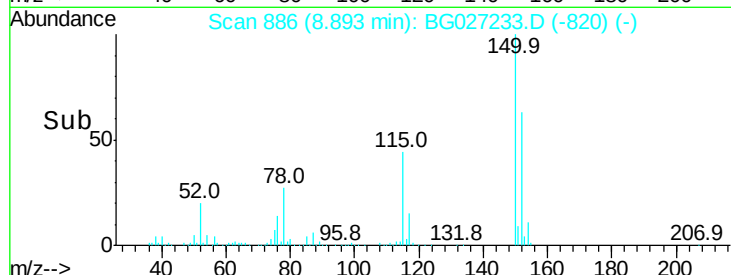
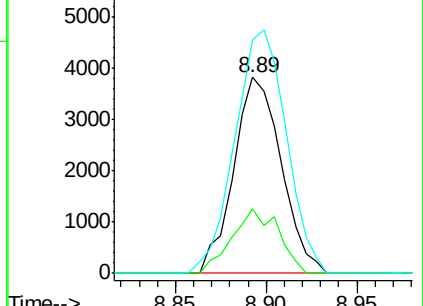
77 119.3 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.39 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BG027233.D

Acq: 6 Jun 2017 4:25

Tgt Ion: 136 Resp: 225928

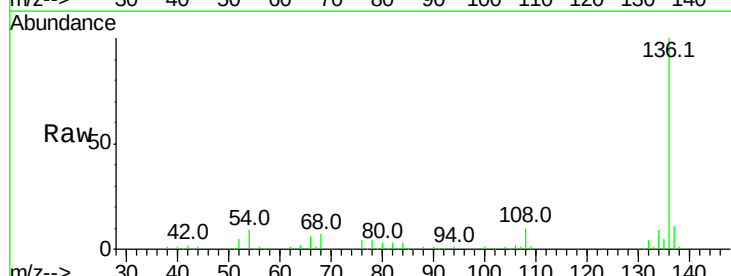
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.0 9.3 13.9#

68 7.0 5.1 7.7

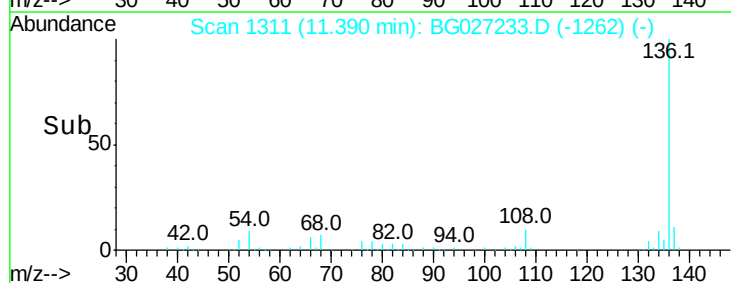
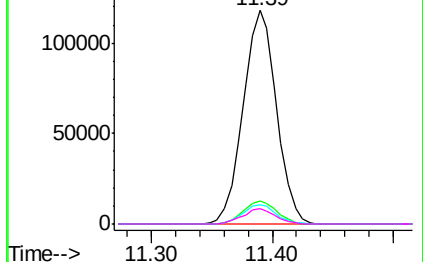


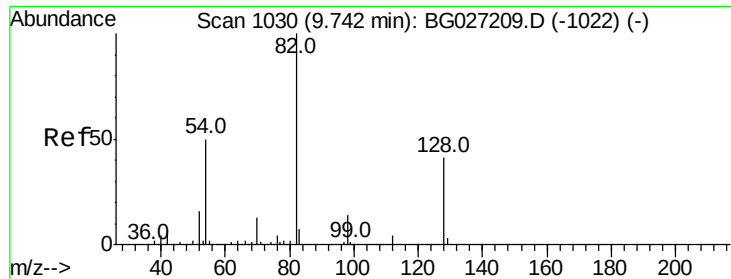
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

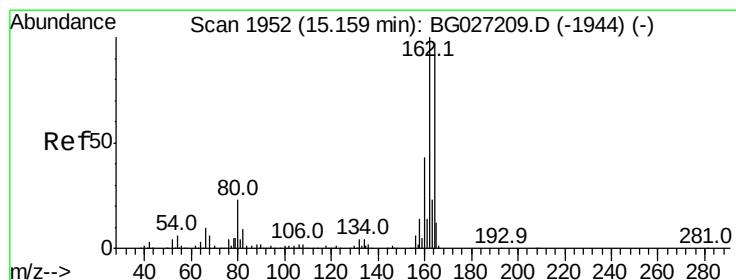
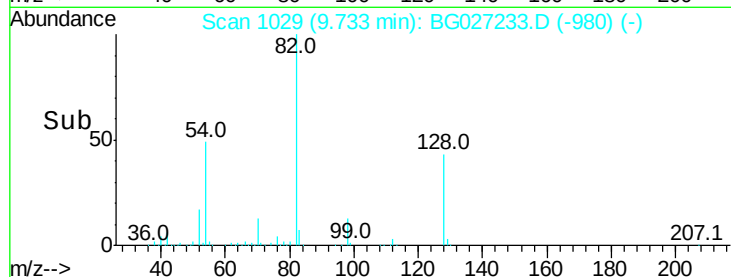
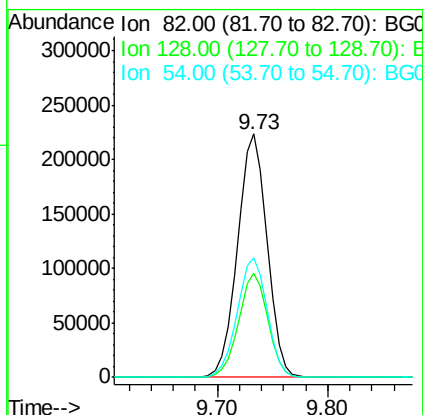
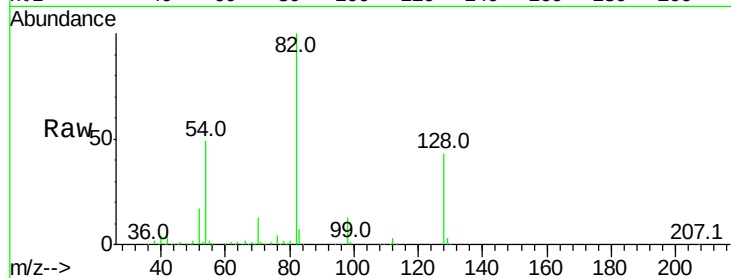




#23
 Nitrobenzene-d5
 Concen: 117.14 ng
 RT: 9.73 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG027233.D
 Acq: 6 Jun 2017 4:25

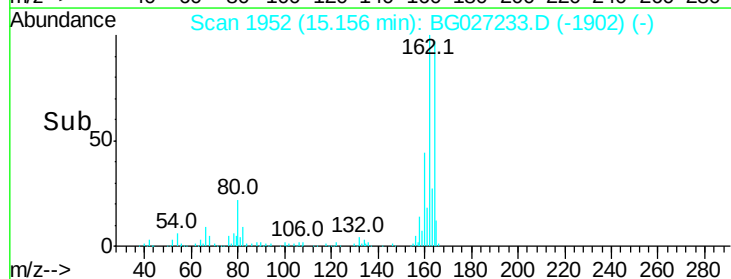
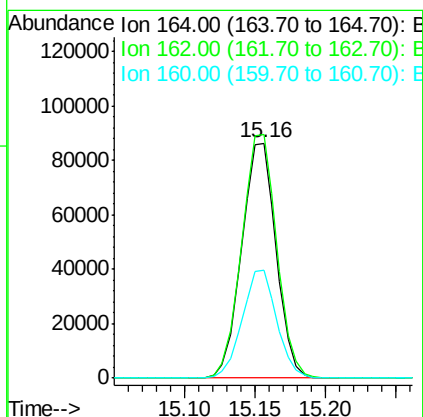
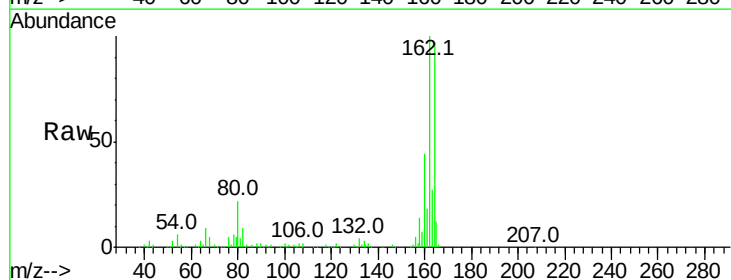
Instrument :
 BNA_G
 ClientSampleId :
 R1-SB-1D1011

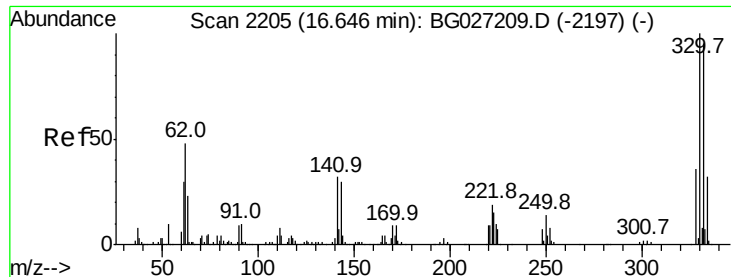
Tot Ion: 82 Resp: 420805
 Ion Ratio Lower Upper
 82 100
 128 42.7 26.4 39.6#
 54 48.8 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.16 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: BG027233.D
 Acq: 6 Jun 2017 4:25

Tgt Ion:164 Resp: 147285
 Ion Ratio Lower Upper
 164 100
 162 103.6 85.1 127.7
 160 46.0 34.7 52.1

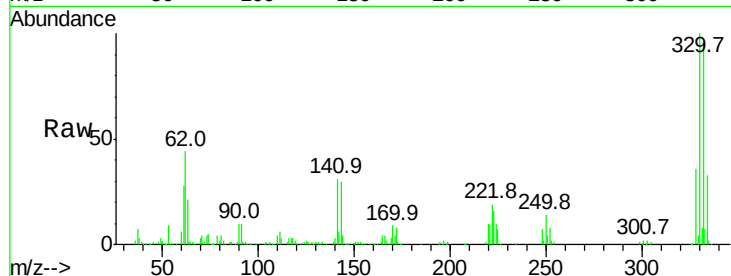




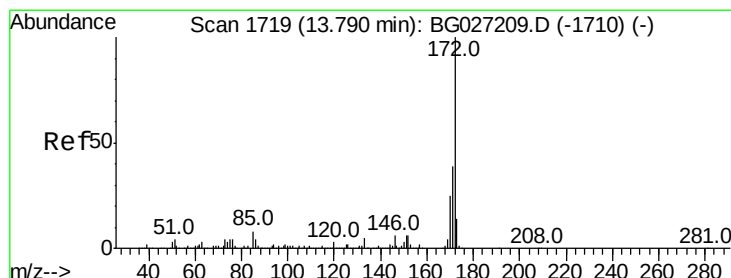
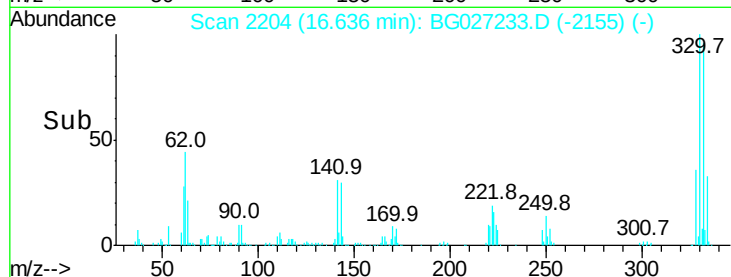
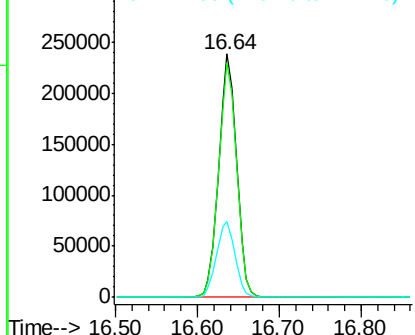
#41
 2,4,6-Tribromophenol
 Concen: 187.47 ng
 RT: 16.64 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG027233.D
 Acq: 6 Jun 2017 4:25

Instrument :
 BNA_G
 ClientSampleId :
 R1-SB-1D1011

Tot Ion:330 Resp: 363597
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.3 115.9
 141 32.5 32.1 48.1

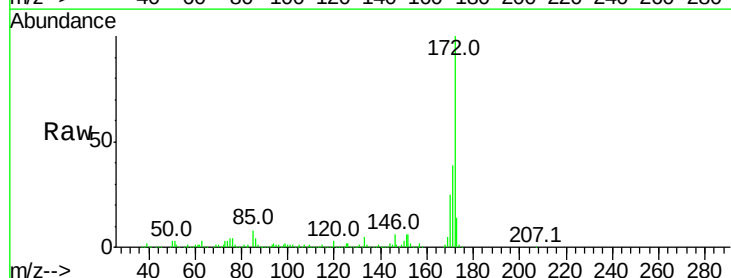


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

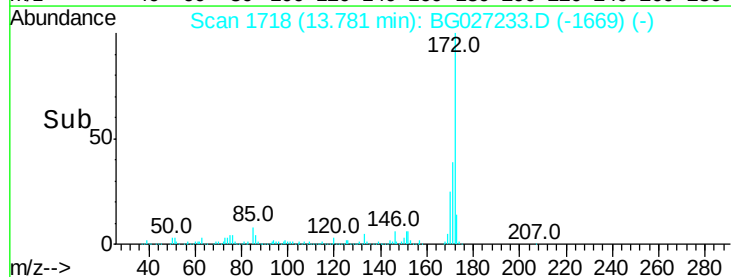
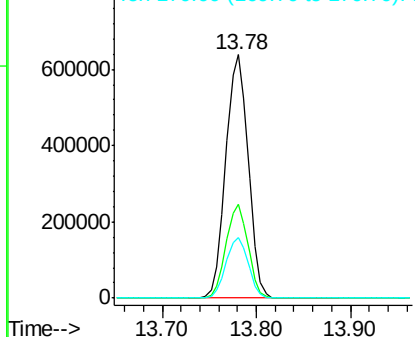


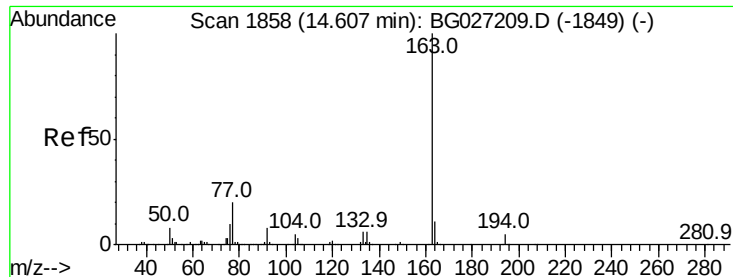
#44
 2-Fluorobiphenyl
 Concen: 100.34 ng
 RT: 13.78 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG027233.D
 Acq: 6 Jun 2017 4:25

Tgt Ion:172 Resp: 1056345
 Ion Ratio Lower Upper
 172 100
 171 38.5 32.2 48.2
 170 24.9 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





#49

Dimethylphthalate

Concen: 8.19 ng

RT: 14.59 min Scan# 1855

Delta R.T. -0.02 min

Lab File: BG027233.D

Acq: 6 Jun 2017 4:25

Instrument :

BNA_G

ClientSampleId :

R1-SB-1D1011

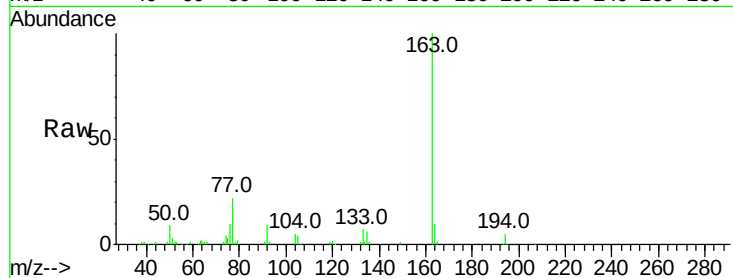
Tot Ion:163 Resp: 95684

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.6

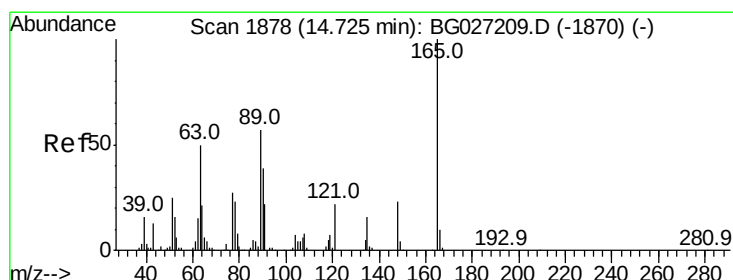
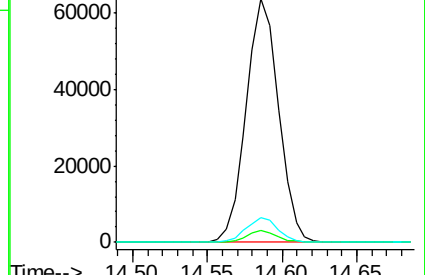
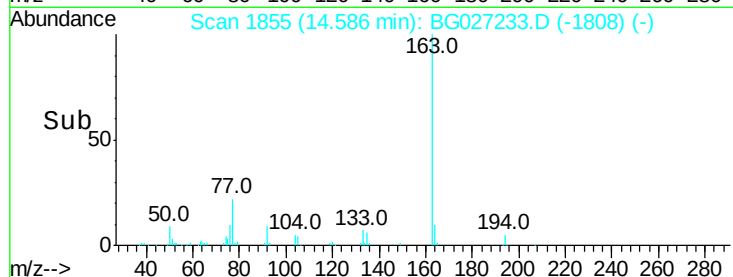
164 10.0 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 5.96 ng

RT: 14.59 min Scan# 1855

Delta R.T. -0.14 min

Lab File: BG027233.D

Acq: 6 Jun 2017 4:25

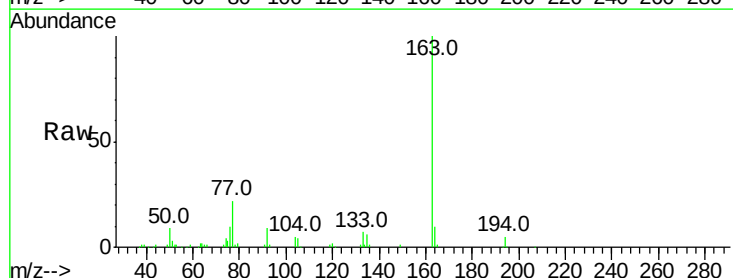
Tgt Ion:165 Resp: 916

Ion Ratio Lower Upper

165 100

63 160.9 63.9 95.9#

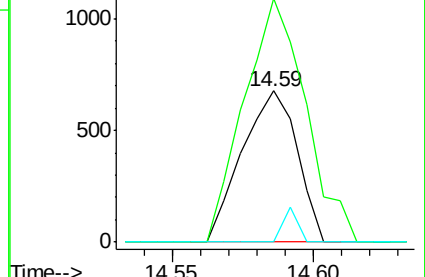
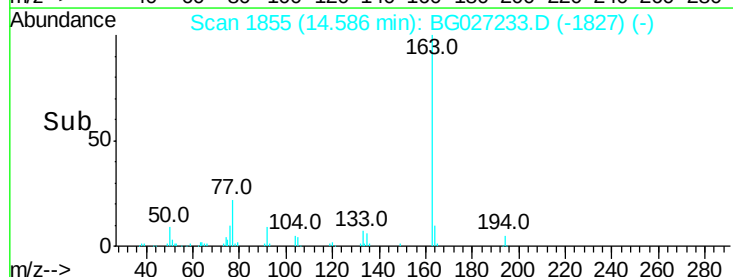
89 0.0 58.6 88.0#

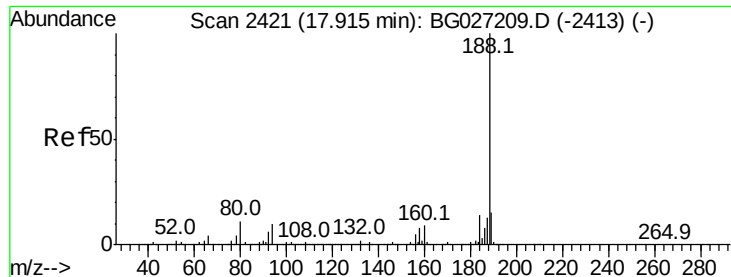


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

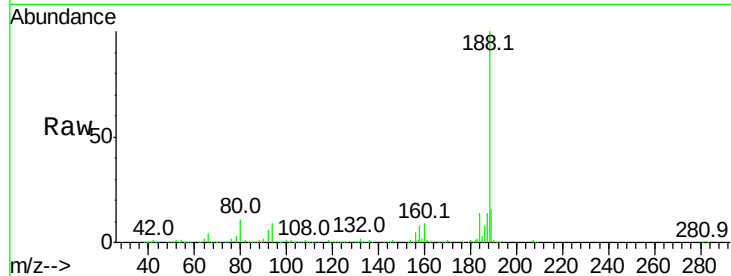




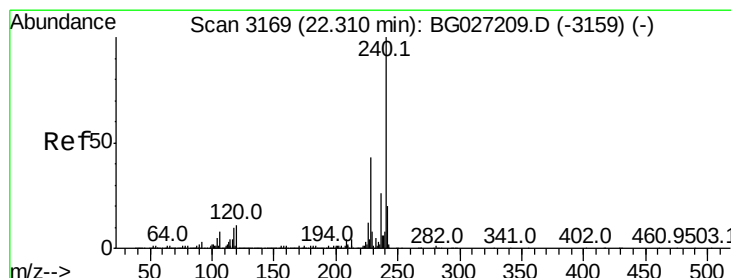
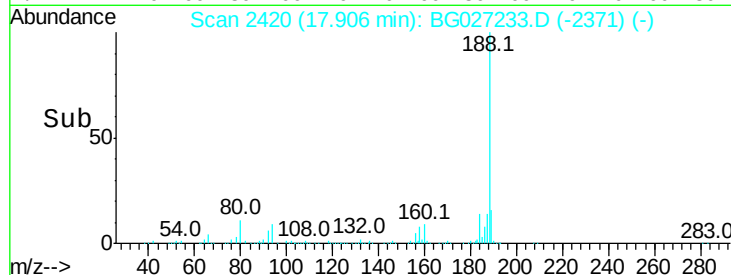
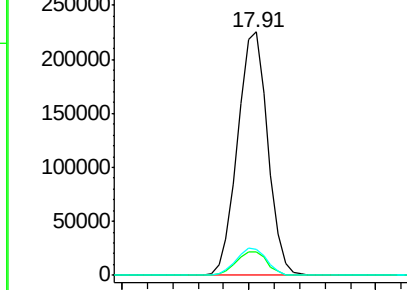
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.91 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BG027233.D
Acq: 6 Jun 2017 4:25

Instrument :
BNA_G
ClientSampleId :
R1-SB-1D1011

Tot Ion:188 Resp: 371299
Ion Ratio Lower Upper
188 100
94 9.4 5.8 8.8#
80 10.5 7.5 11.3

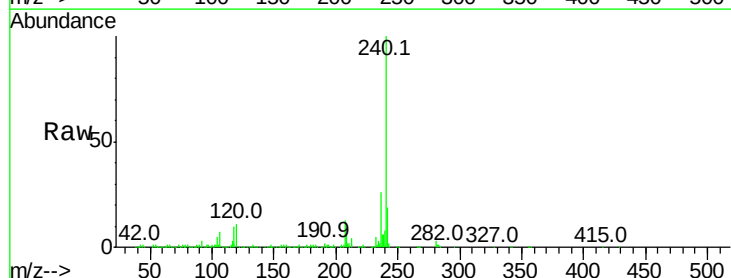


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

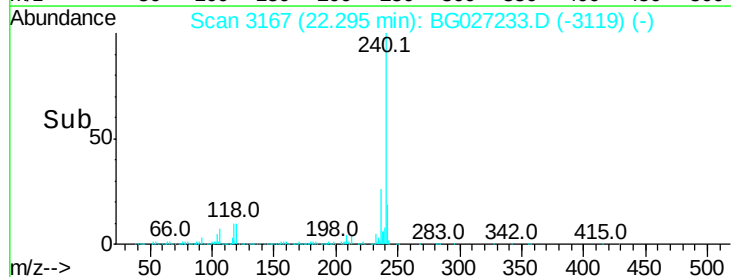
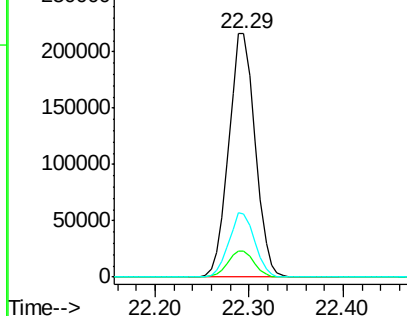


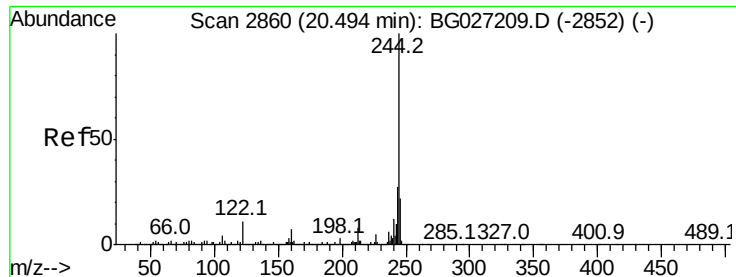
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.29 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG027233.D
Acq: 6 Jun 2017 4:25

Tgt Ion:240 Resp: 421748
Ion Ratio Lower Upper
240 100
120 10.6 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: 98.72 ng

RT: 20.48 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG027233.D

Acq: 6 Jun 2017 4:25

Instrument :

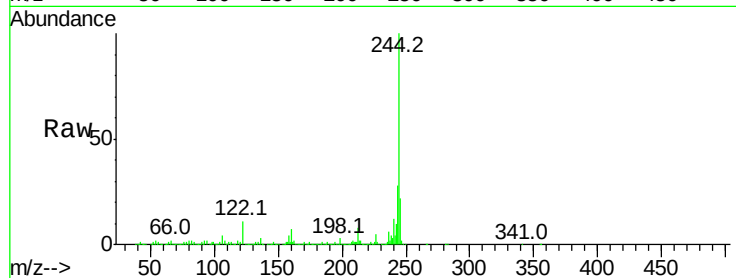
BNA_G

ClientSampleId :

R1-SB-1D1011

Tot Ion:244 Resp: 1632055

Ion	Ratio	Lower	Upper
244	100		
212	8.2	10.0	15.0#
122	11.0	8.6	12.8

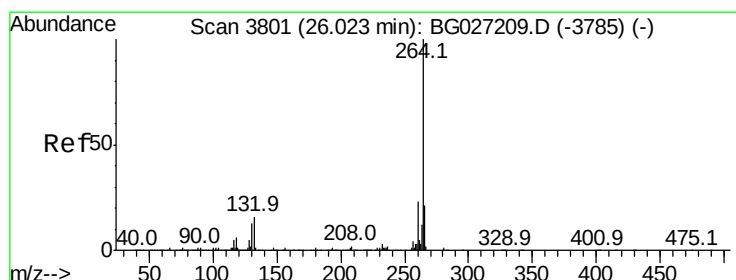
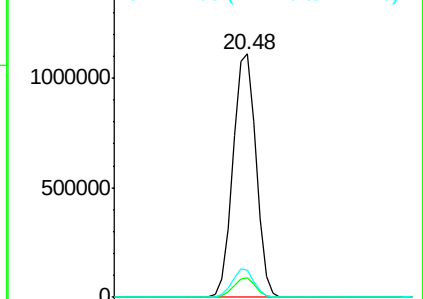
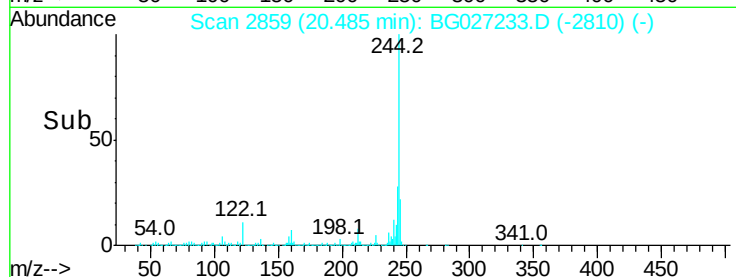


Abundance

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: 26.00 min Scan# 3797

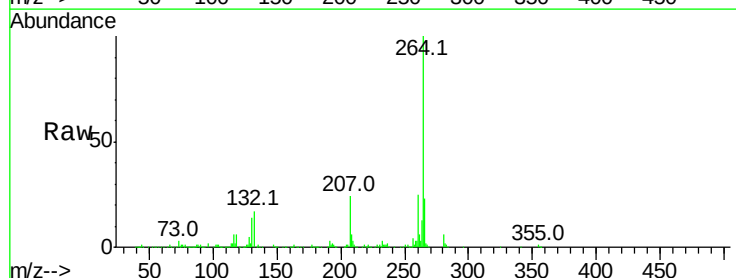
Delta R.T. -0.03 min

Lab File: BG027233.D

Acq: 6 Jun 2017 4:25

Tgt Ion:264 Resp: 399840

Ion	Ratio	Lower	Upper
264	100		
260	24.6	21.8	32.8
265	22.8	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

