

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
 Data File : BG027234.D
 Acq On : 6 Jun 2017 5:04
 Operator : SJ/MA
 Sample : I3405-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R1-SB-2D1213

Quant Time: Jun 06 06:03:21 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

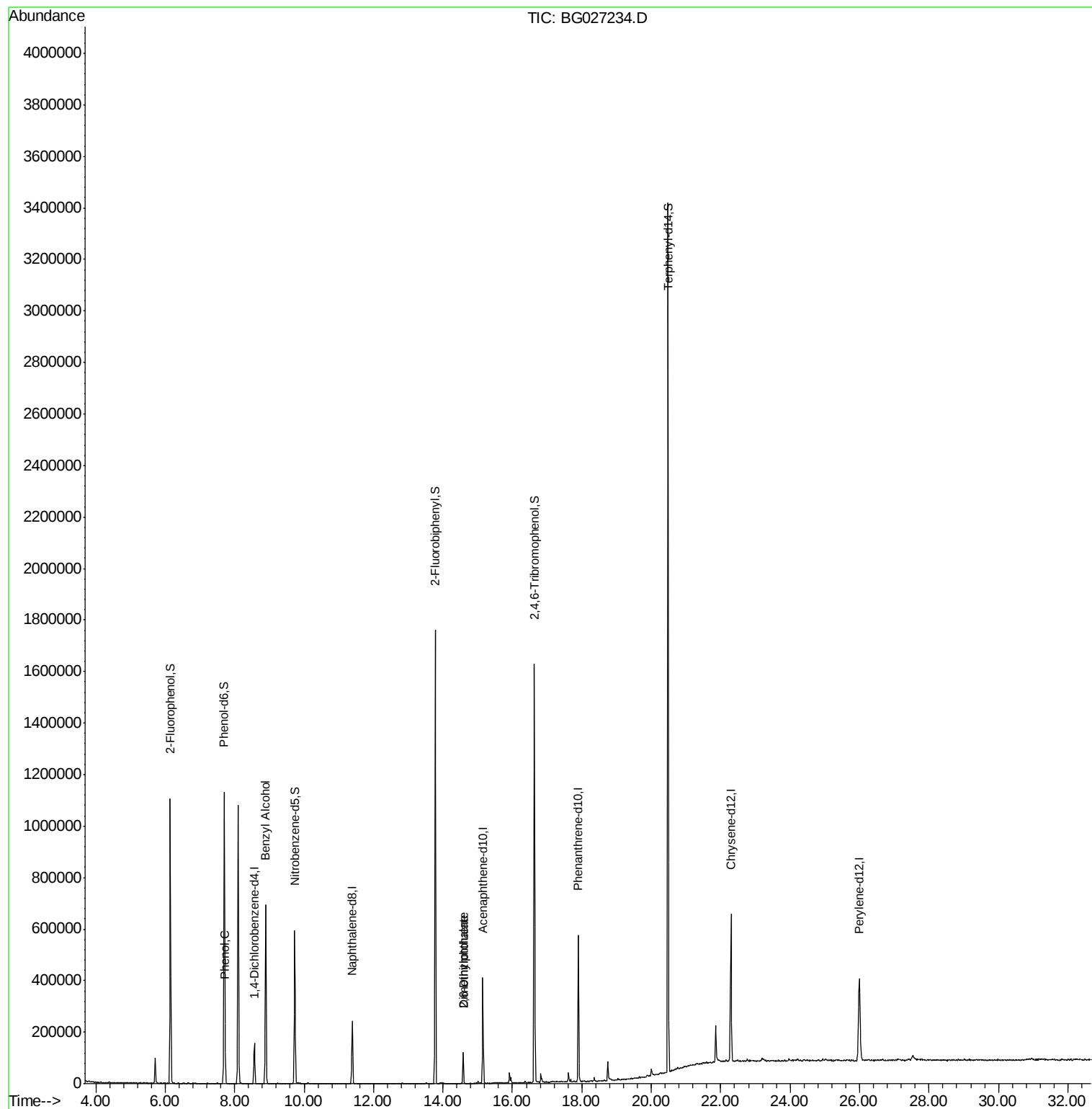
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	47473	20.00	ng	0.00
21) Naphthalene-d8	11.39	136	224890	20.00	ng	0.00
38) Acenaphthene-d10	15.15	164	147743	20.00	ng	0.00
63) Phenanthrene-d10	17.90	188	372433	20.00	ng	-0.01
75) Chrysene-d12	22.29	240	429680	20.00	ng	-0.01
86) Perylene-d12	25.99	264	403423	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	543388	174.67	ng	0.00
7) Phenol-d6	7.70	99	760341	166.50	ng	0.00
23) Nitrobenzene-d5	9.73	82	394822	110.41	ng	0.00
41) 2,4,6-Tribromophenol	16.64	330	352727	181.30	ng	0.00
44) 2-Fluorobiphenyl	13.78	172	982805	93.06	ng	-0.01
78) Terphenyl-d14	20.49	244	1570666	93.25	ng	0.00
Target Compounds						
10) Phenol	7.73	94	38325	8.21	ng	81
15) Benzyl Alcohol	8.89	79	6463	2.01	ng	# 37
49) Dimethylphthalate	14.59	163	82811	7.07	ng	97
50) 2,6-Dinitrotoluene	14.59	165	1010	5.99	ng	# 52

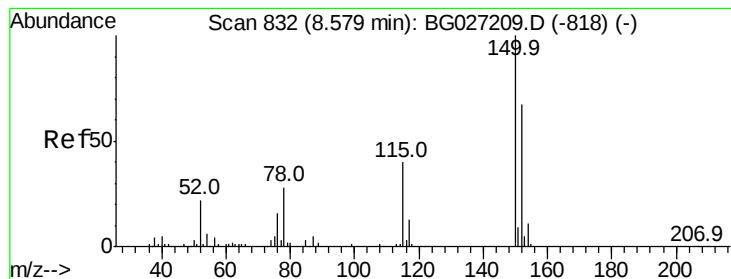
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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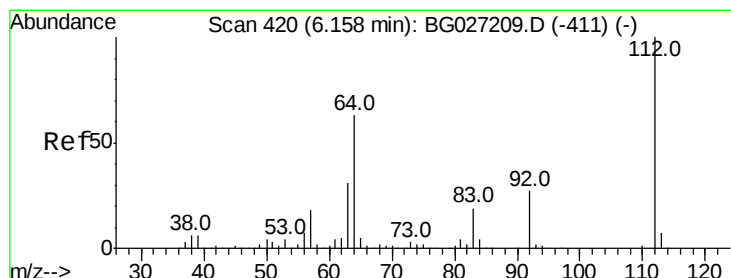
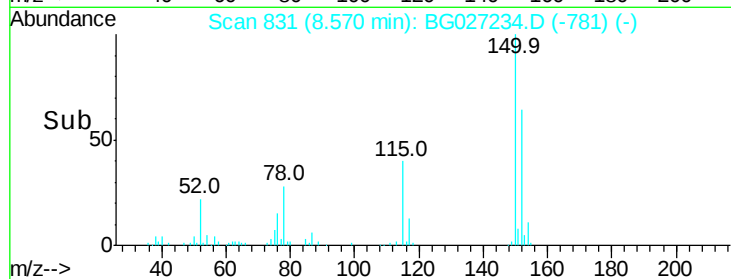
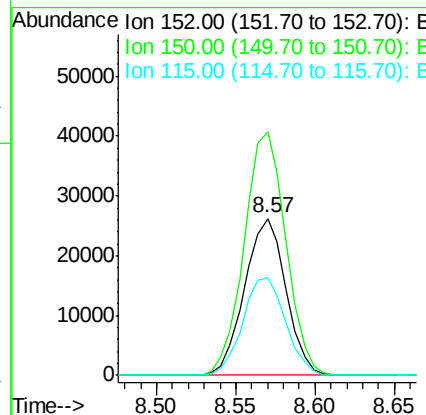
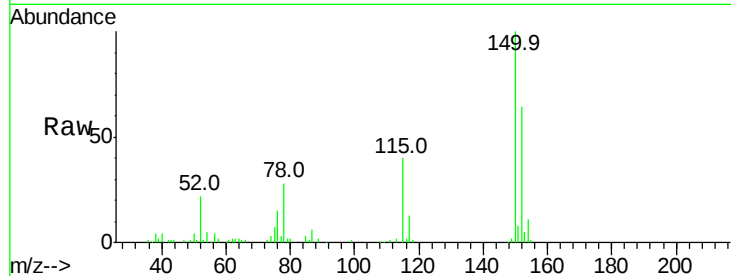


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.57 min Scan# 831
Delta R.T. -0.01 min
Lab File: BG027234.D
Acq: 6 Jun 2017 5:04

Instrument :
BNA_G
ClientSampleId :
R1-SB-2D1213

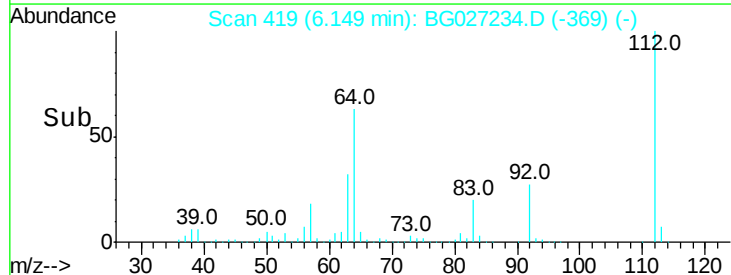
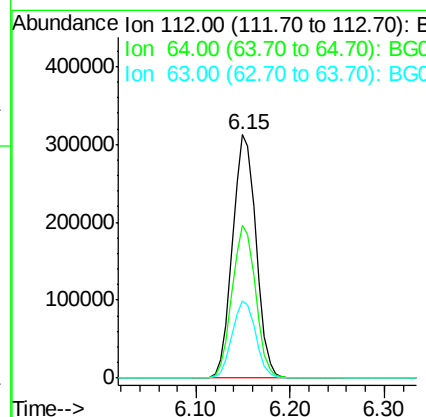
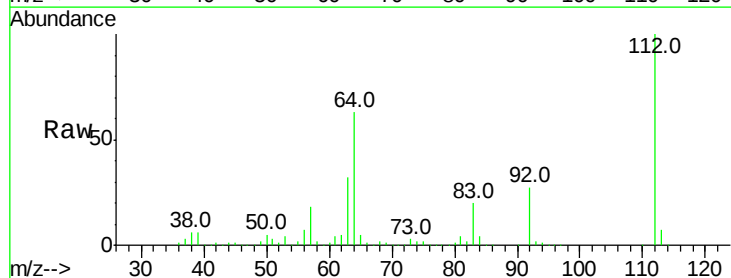
Tot Ion:152 Resp: 47473
Ion Ratio Lower Upper
152 100
150 155.3 114.0 171.0
115 62.2 48.1 72.1

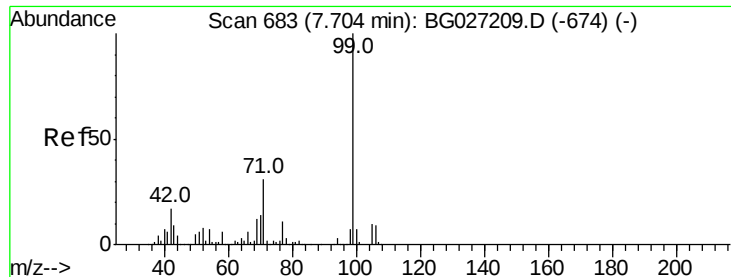


#5

2-Fluorophenol
Concen: 174.67 ng
RT: 6.15 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG027234.D
Acq: 6 Jun 2017 5:04

Tgt Ion:112 Resp: 543388
Ion Ratio Lower Upper
112 100
64 62.6 61.8 92.6
63 31.9 37.2 55.8#





#7

Phenol-d6

Concen: 166.50 ng

RT: 7.70 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG027234.D

Acq: 6 Jun 2017 5:04

Instrument :

BNA_G

ClientSampleId :

R1-SB-2D1213

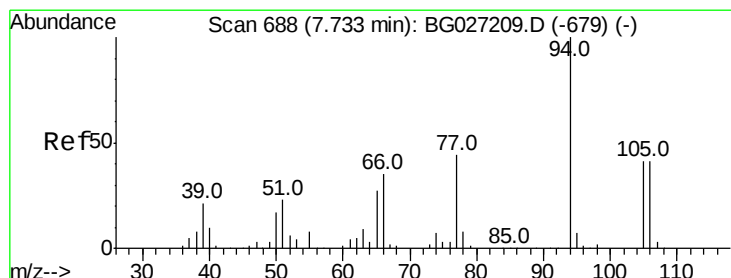
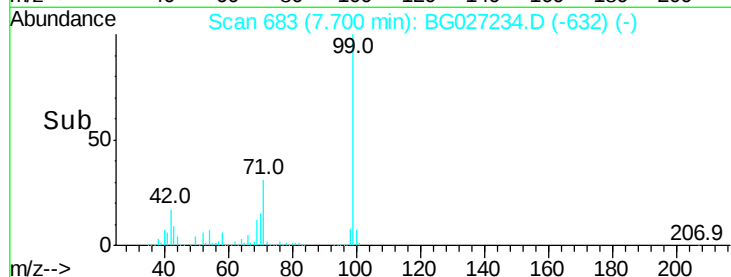
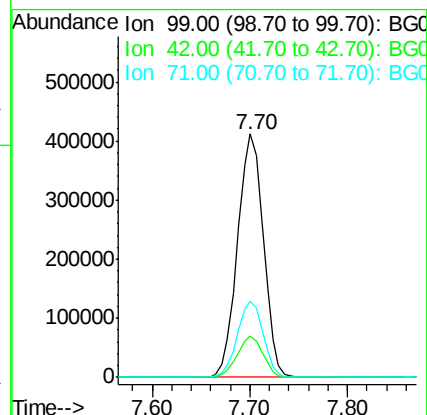
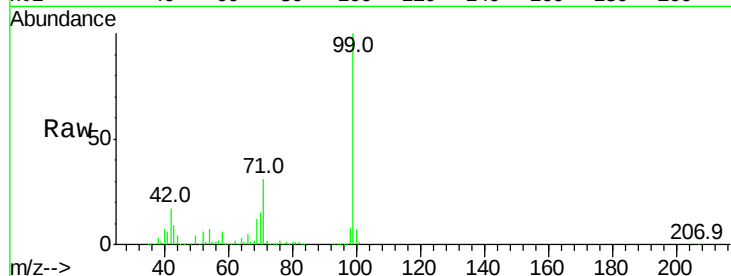
Tot Ion: 99 Resp: 760341

Ion Ratio Lower Upper

99 100

42 16.8 20.5 30.7#

71 31.4 37.6 56.4#



#10

Phenol

Concen: 8.21 ng

RT: 7.73 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG027234.D

Acq: 6 Jun 2017 5:04

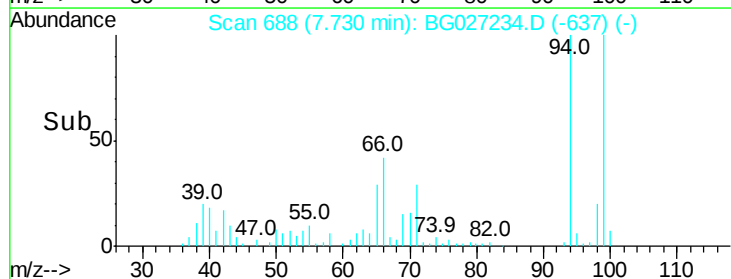
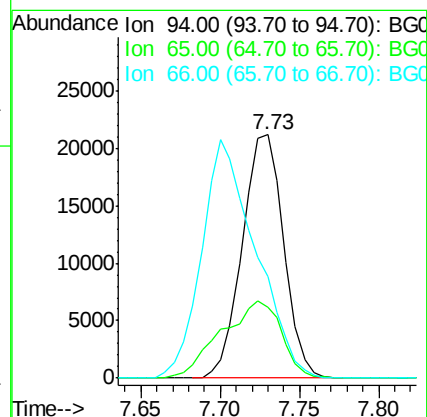
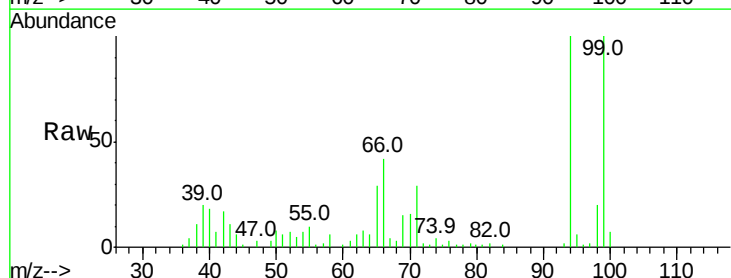
Tgt Ion: 94 Resp: 38325

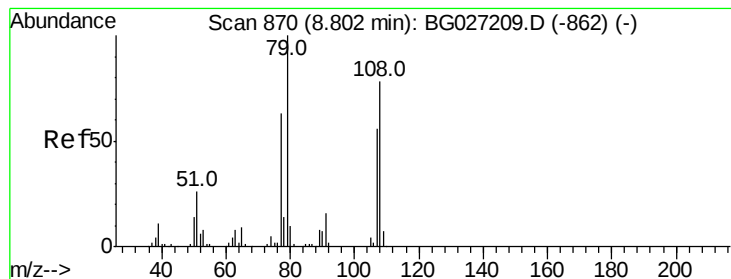
Ion Ratio Lower Upper

94 100

65 29.1 20.6 60.6

66 41.8 35.5 75.5





#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 8.89 min Scan# 886

Delta R.T. 0.09 min

Lab File: BG027234.D

Acq: 6 Jun 2017 5:04

Instrument :

BNA_G

ClientSampleId :

R1-SB-2D1213

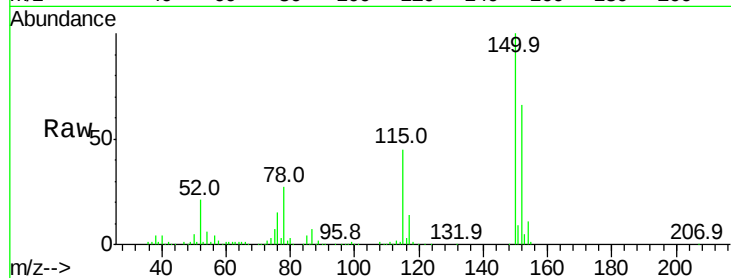
Tot Ion: 79 Resp: 6463

Ion Ratio Lower Upper

79 100

108 31.2 45.5 68.3#

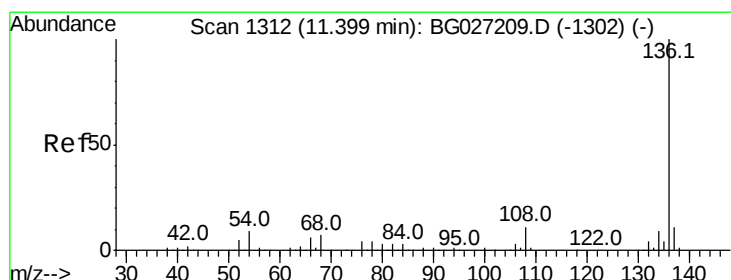
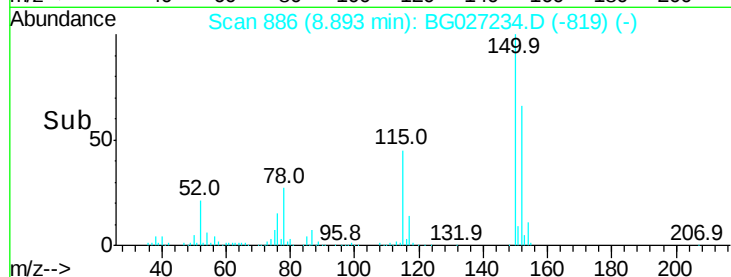
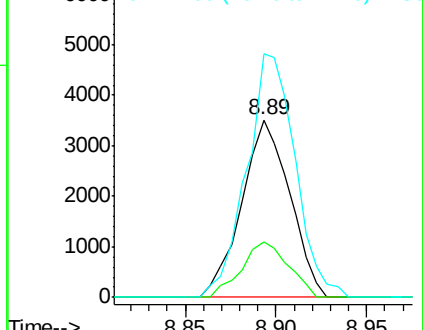
77 137.5 54.3 81.5#



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: BG027234.D

Acq: 6 Jun 2017 5:04

Tgt Ion: 136 Resp: 224890

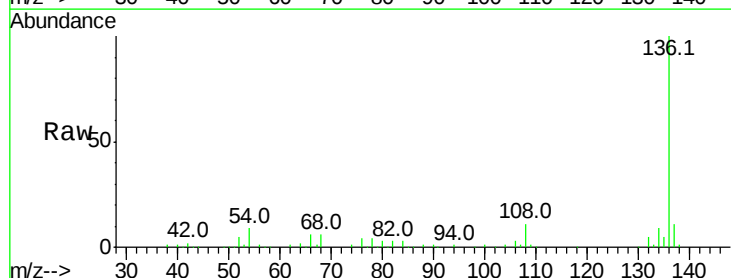
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.8 9.3 13.9#

68 6.1 5.1 7.7

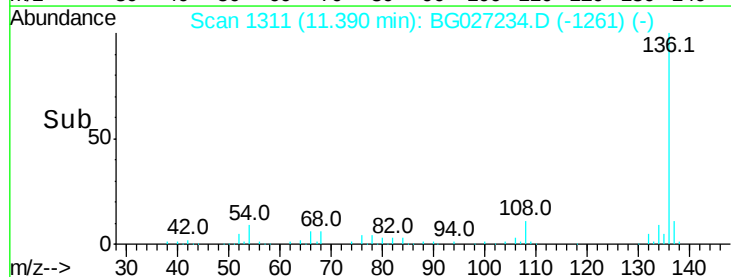
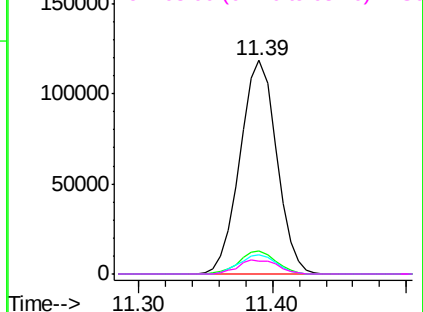


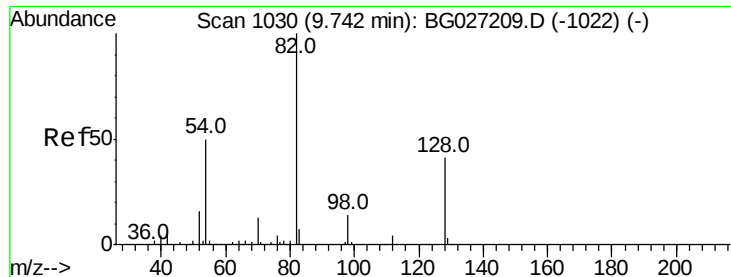
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

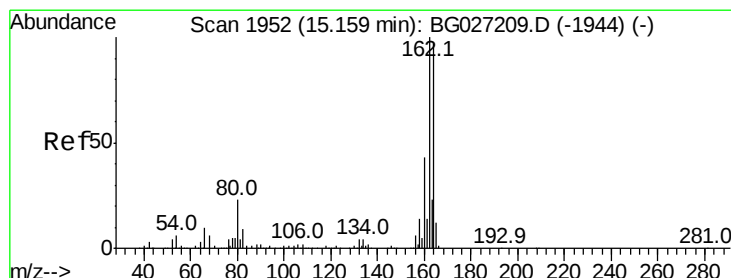
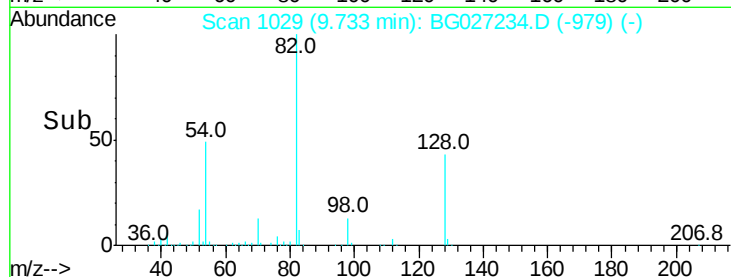
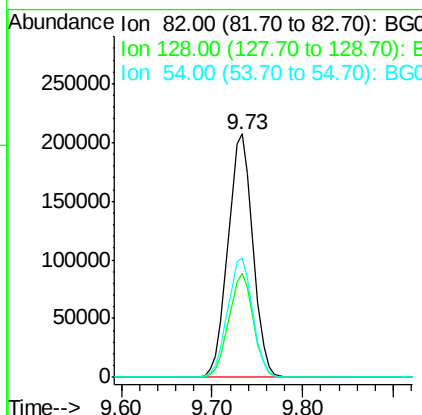
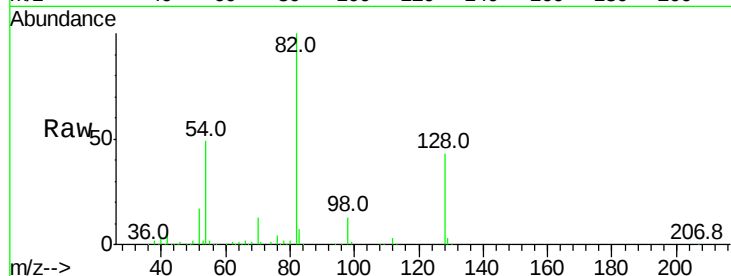




#23
Nitrobenzene-d5
Concen: 110.41 ng
RT: 9.73 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG027234.D
Acq: 6 Jun 2017 5:04

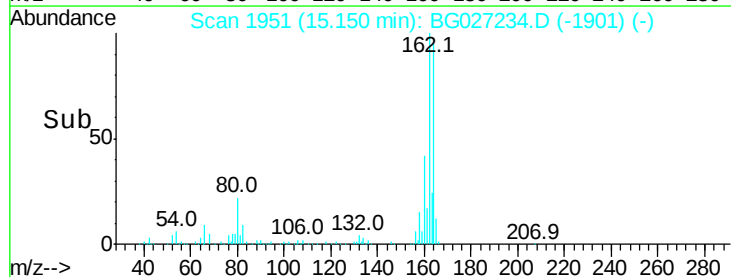
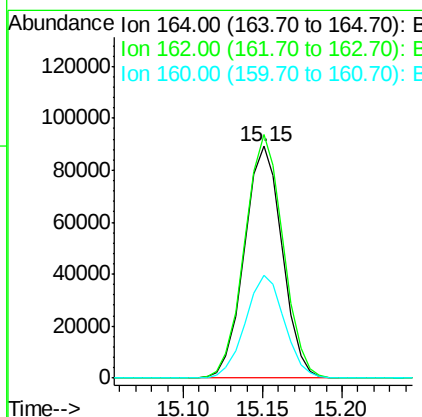
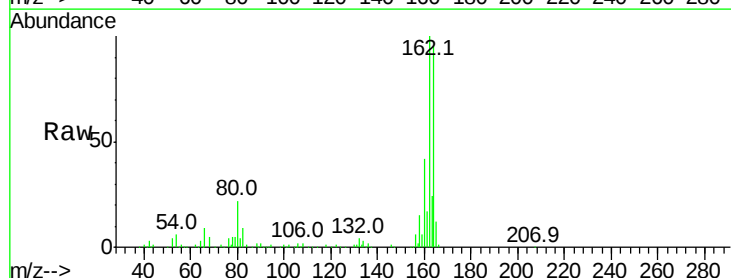
Instrument :
BNA_G
ClientSampleId :
R1-SB-2D1213

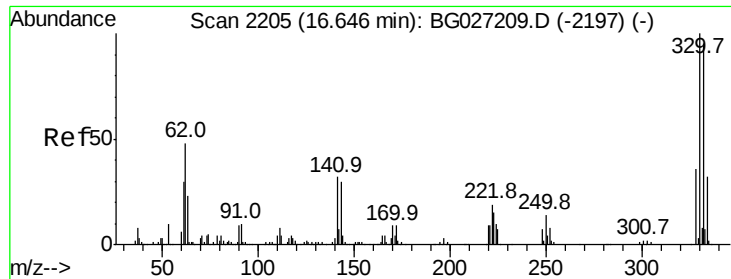
Tot Ion: 82 Resp: 394822
Ion Ratio Lower Upper
82 100
128 42.7 26.4 39.6#
54 48.9 49.4 74.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.15 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG027234.D
Acq: 6 Jun 2017 5:04

Tgt Ion:164 Resp: 147743
Ion Ratio Lower Upper
164 100
162 105.0 85.1 127.7
160 44.2 34.7 52.1

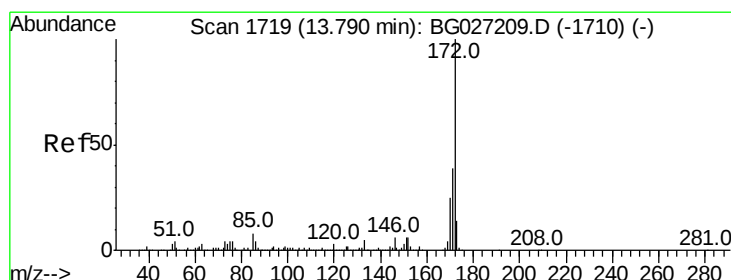
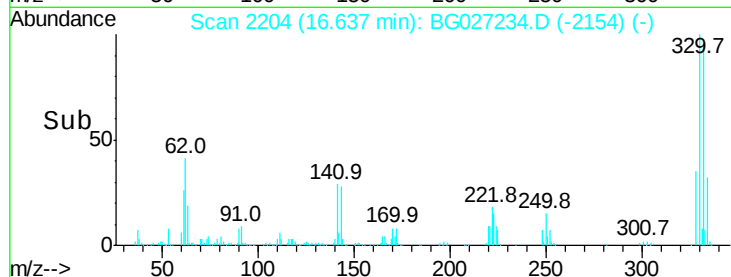
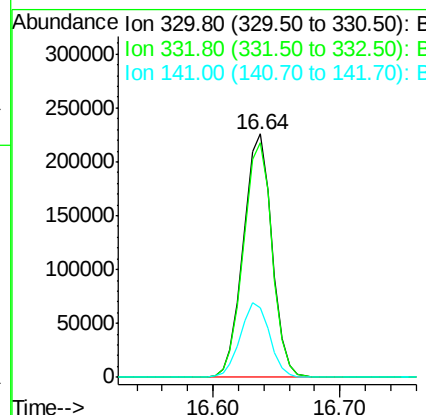
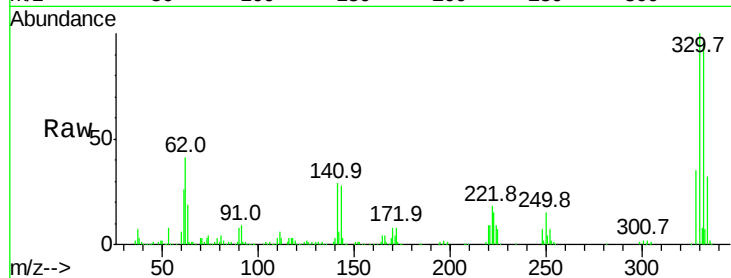




#41
 2,4,6-Tribromophenol
 Concen: 181.30 ng
 RT: 16.64 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG027234.D
 Acq: 6 Jun 2017 5:04

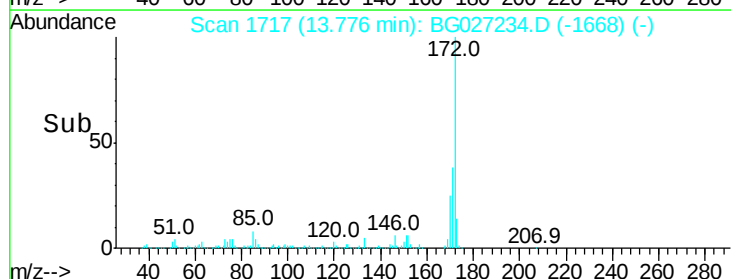
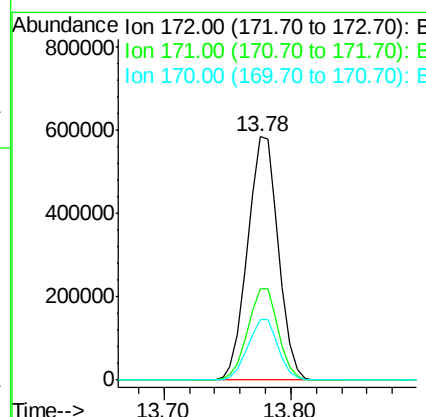
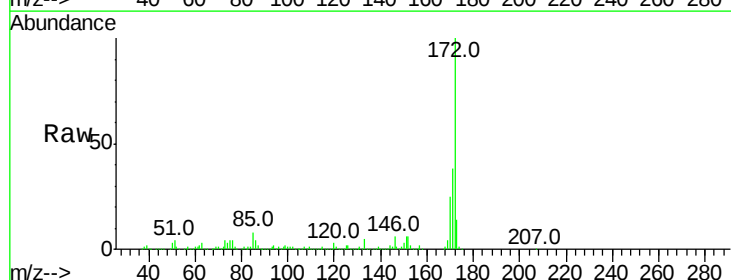
Instrument :
 BNA_G
 ClientSampleId :
 R1-SB-2D1213

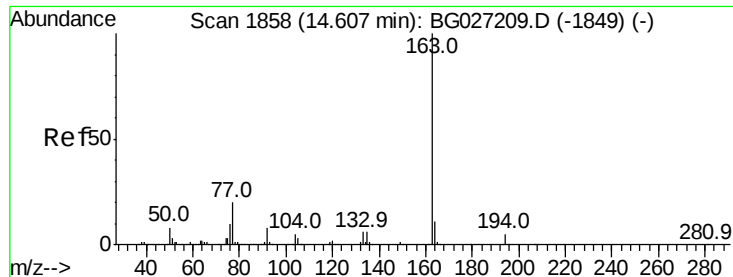
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	31.5	32.1	48.1#



#44
 2-Fluorobiphenyl
 Concen: 93.06 ng
 RT: 13.78 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG027234.D
 Acq: 6 Jun 2017 5:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	32.2	48.2
170	24.8	21.8	32.6





#49

Dimethylphthalate

Concen: 7.07 ng

RT: 14.59 min Scan# 1855

Delta R.T. -0.02 min

Lab File: BG027234.D

Acq: 6 Jun 2017 5:04

Instrument :

BNA_G

ClientSampleId :

R1-SB-2D1213

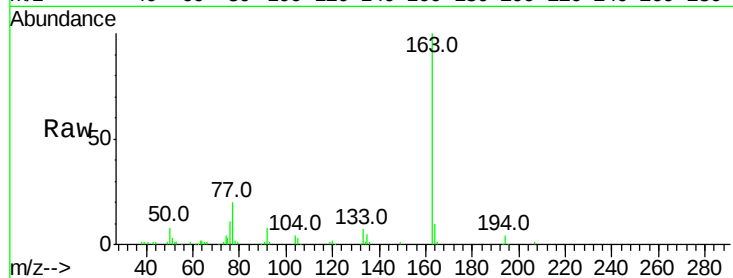
Tot Ion:163 Resp: 82811

Ion Ratio Lower Upper

163 100

194 4.4 3.8 5.6

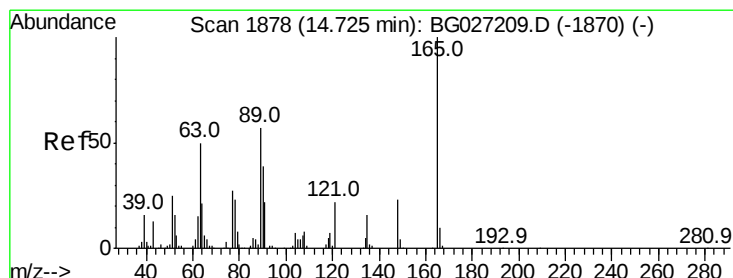
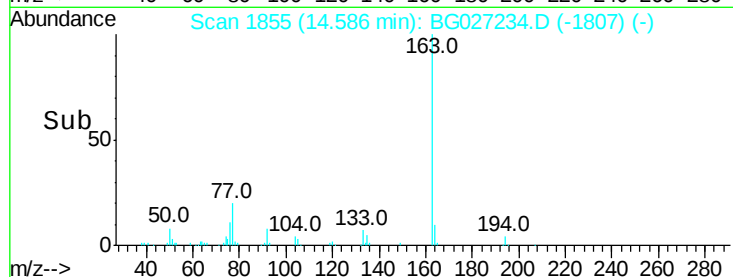
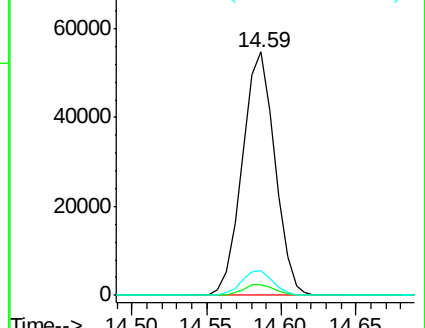
164 10.4 9.3 13.9



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: 5.99 ng

RT: 14.59 min Scan# 1855

Delta R.T. -0.14 min

Lab File: BG027234.D

Acq: 6 Jun 2017 5:04

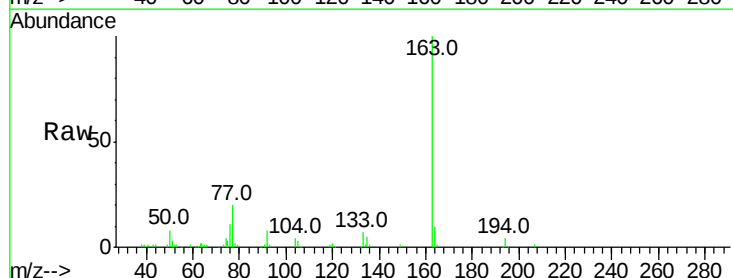
Tgt Ion:165 Resp: 1010

Ion Ratio Lower Upper

165 100

63 114.9 63.9 95.9#

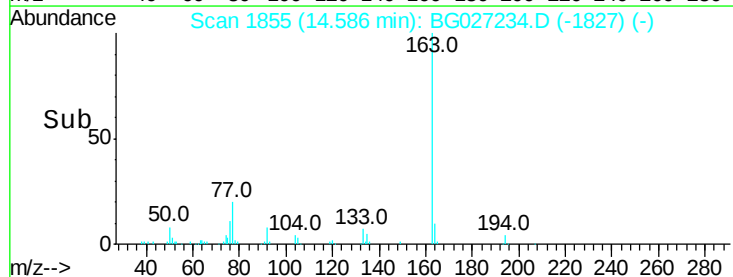
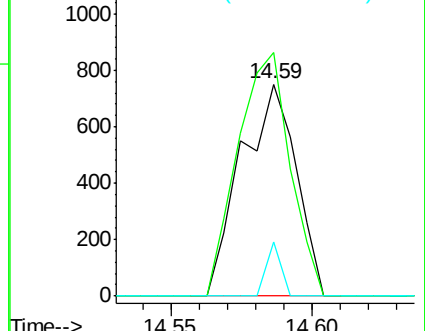
89 25.7 58.6 88.0#

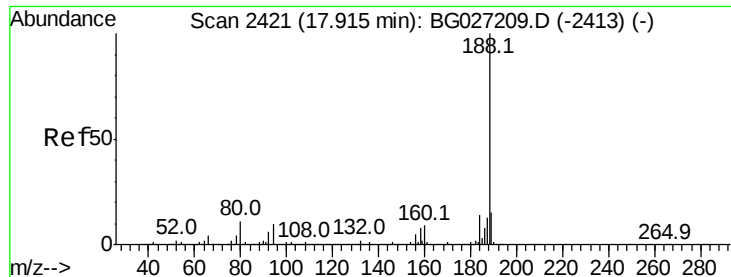


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.90 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG027234.D

Acq: 6 Jun 2017 5:04

Instrument :

BNA_G

ClientSampleId :

R1-SB-2D1213

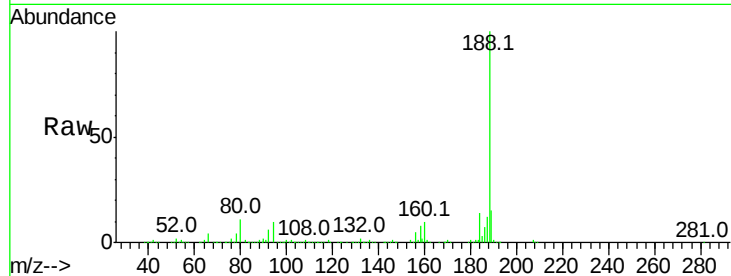
Tot Ion:188 Resp: 372433

Ion Ratio Lower Upper

188 100

94 9.6 5.8 8.8#

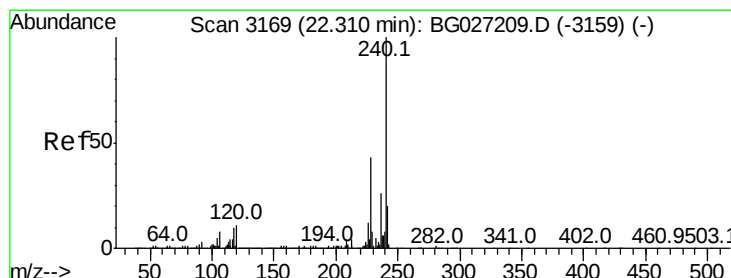
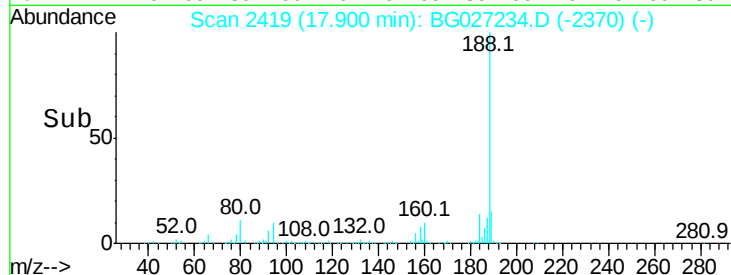
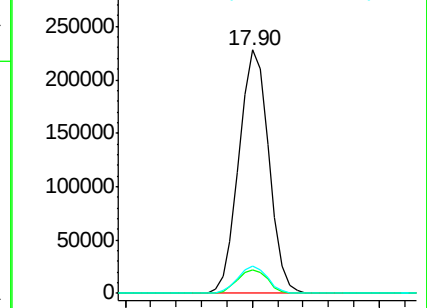
80 11.1 7.5 11.3



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. -0.01 min

Lab File: BG027234.D

Acq: 6 Jun 2017 5:04

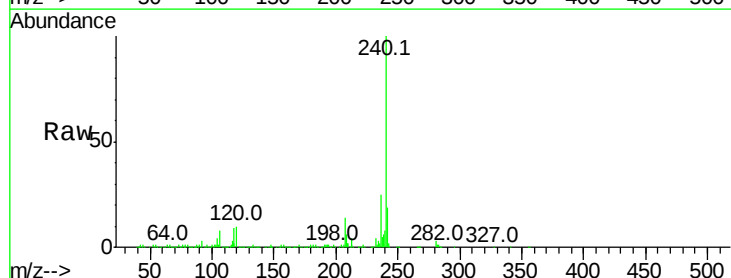
Tgt Ion:240 Resp: 429680

Ion Ratio Lower Upper

240 100

120 10.0 5.7 8.5#

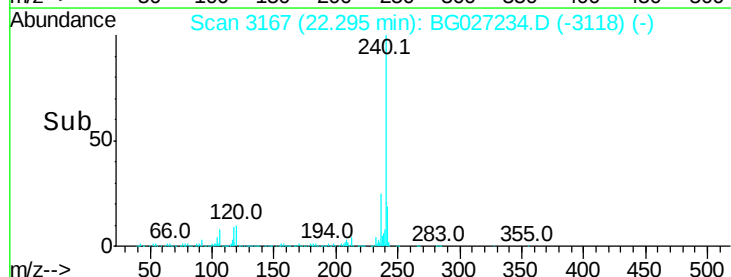
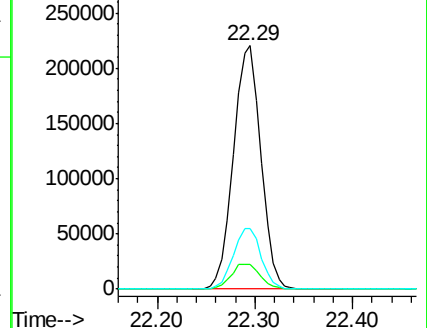
236 24.9 22.2 33.4

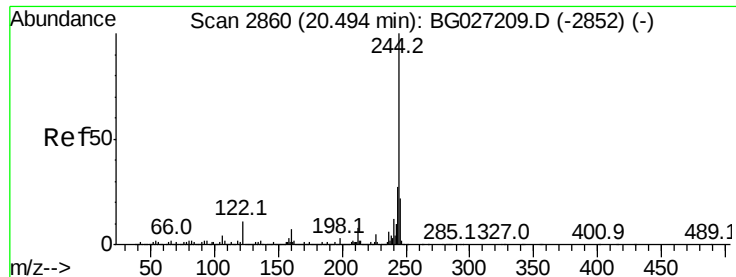


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.25 ng

RT: 20.49 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG027234.D

Acq: 6 Jun 2017 5:04

Instrument :

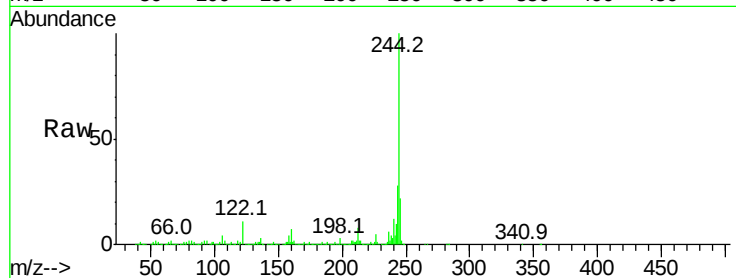
BNA_G

ClientSampleId :

R1-SB-2D1213

Tot Ion:244 Resp: 1570666

Ion	Ratio	Lower	Upper
244	100		
212	7.9	10.0	15.0#
122	10.5	8.6	12.8

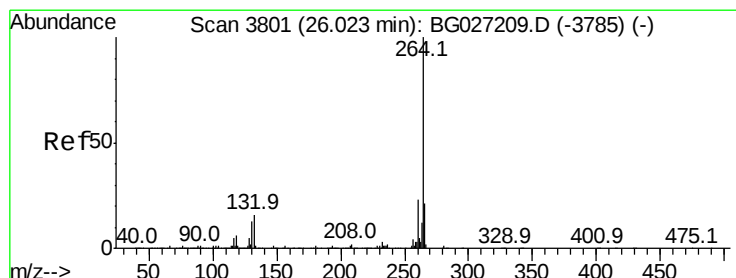
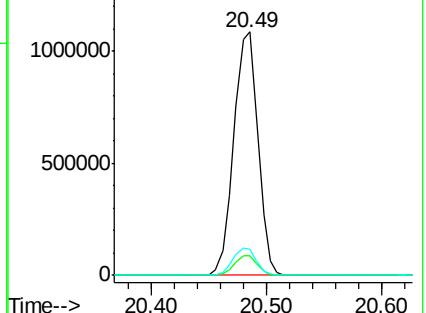
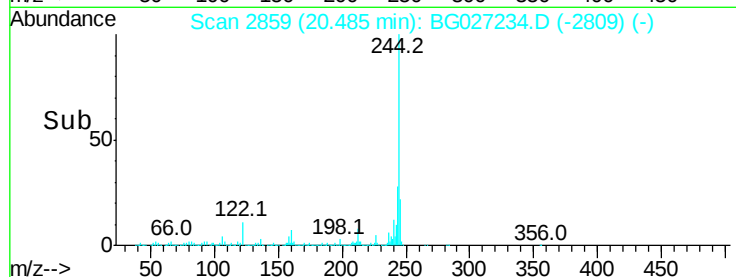


Abundance

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: 25.99 min Scan# 3796

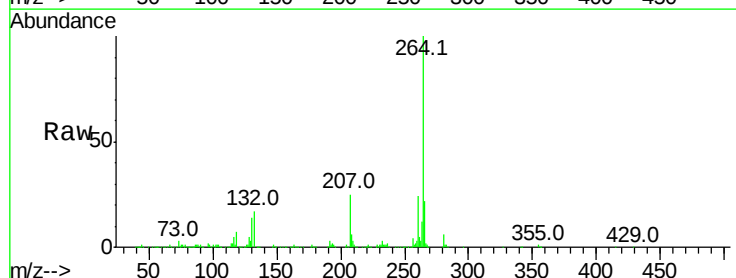
Delta R.T. -0.03 min

Lab File: BG027234.D

Acq: 6 Jun 2017 5:04

Tgt Ion:264 Resp: 403423

Ion	Ratio	Lower	Upper
264	100		
260	24.0	21.8	32.8
265	22.1	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

