

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 :

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

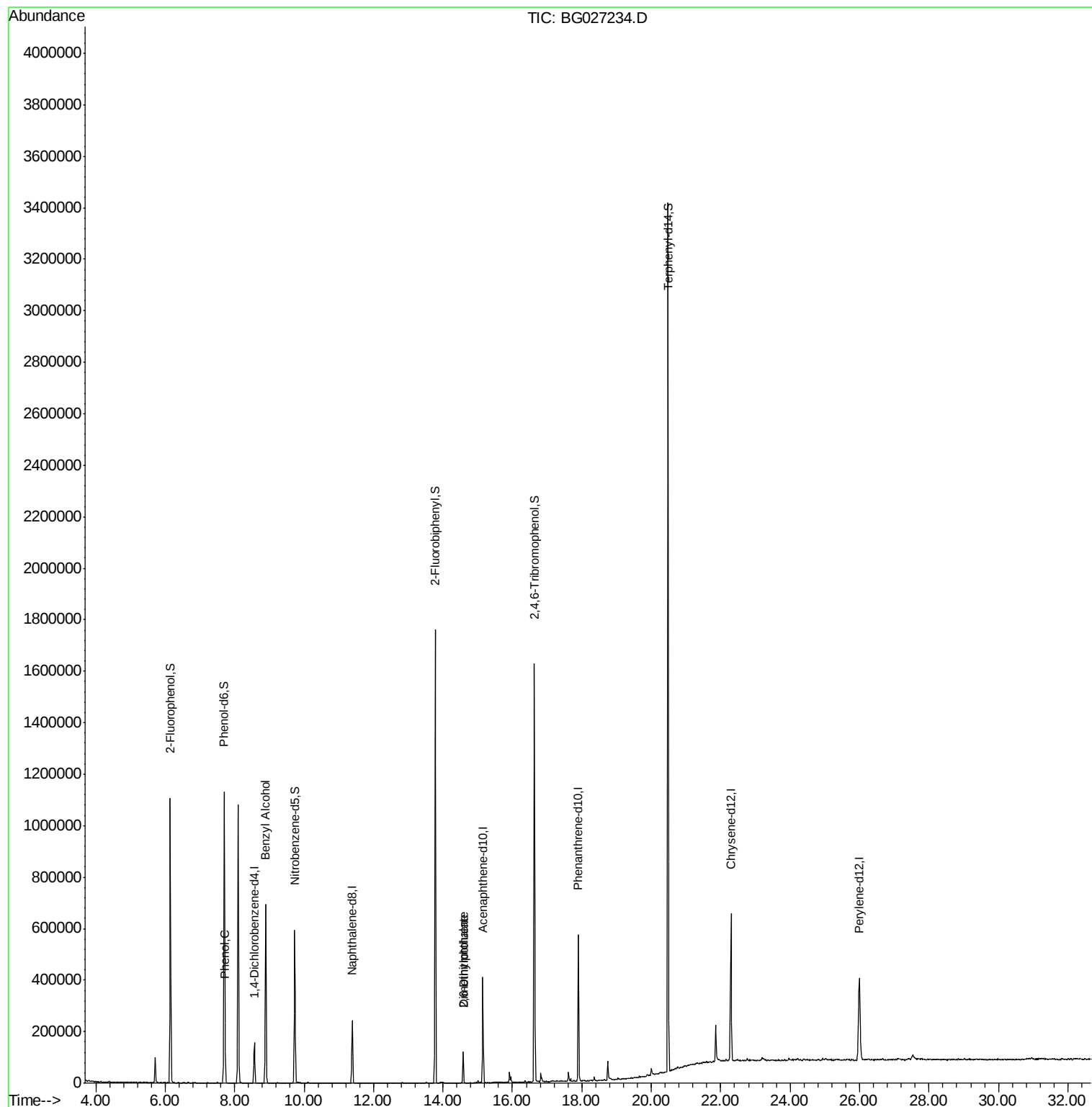
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	47473	20.00	ng	0.00
21) Naphthalene-d8	11.39	136	224890	20.00	ng	0.00
38) Acenaphthene-d10	15.15	164	147743	20.00	ng	0.00
63) Phenanthrene-d10	17.90	188	372433	20.00	ng	-0.01
75) Chrysene-d12	22.29	240	429680	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	Qvalue 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

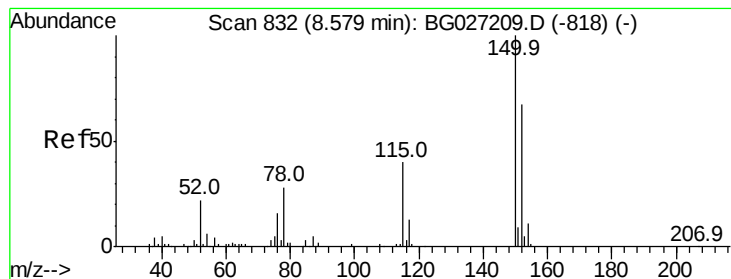
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

ClientSampled :

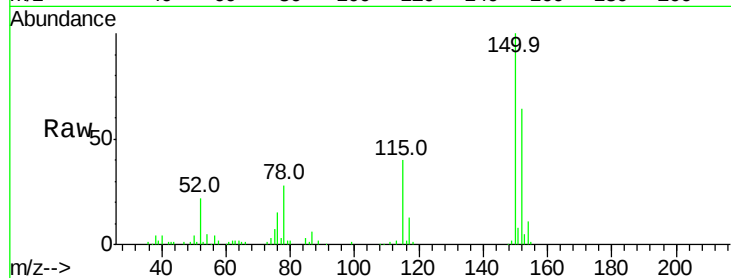
Tot Ion:152 Resp: 47473

Ion Ratio Lower Upper

152 100

150 155.3 114.0 171.0

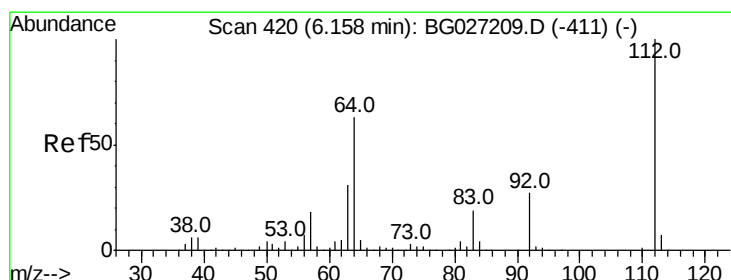
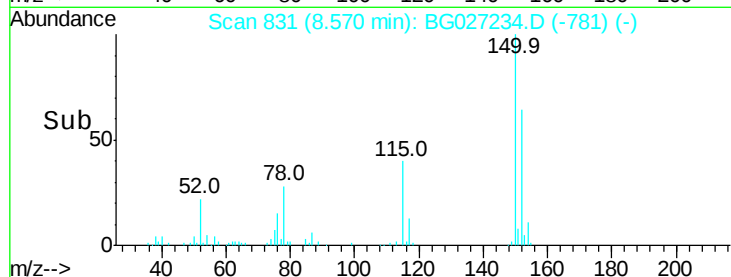
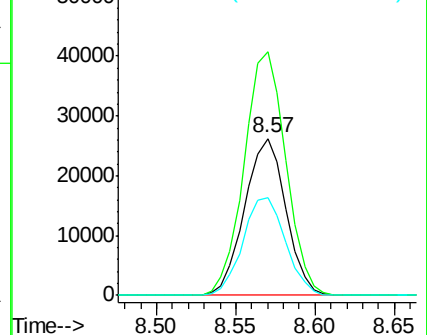
115 62.2 48.1 72.1



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: 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

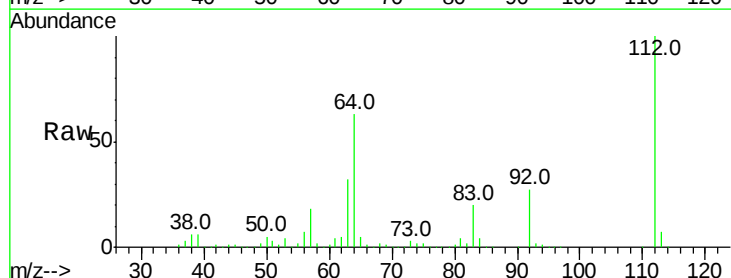
Tgt Ion:112 Resp: 543388

Ion Ratio Lower Upper

112 100

64 62.6 61.8 92.6

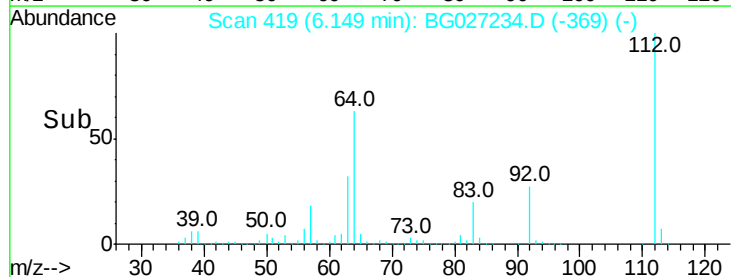
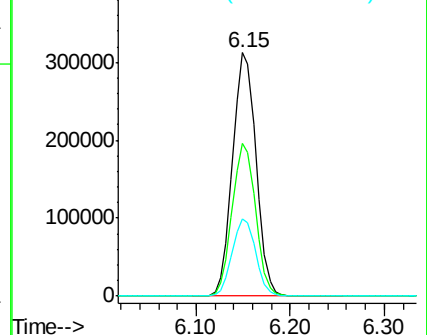
63 31.9 37.2 55.8#

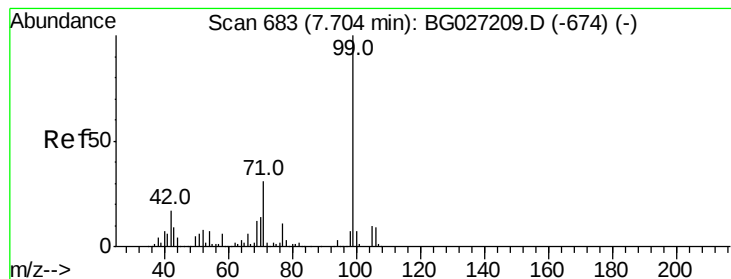


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 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 :

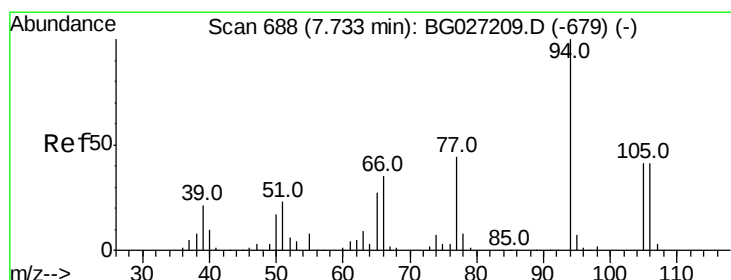
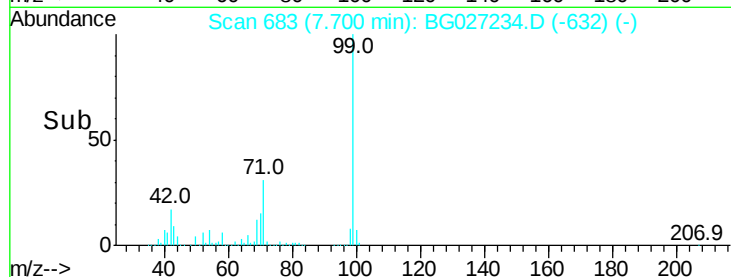
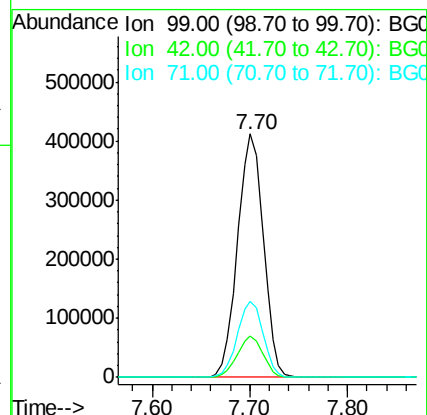
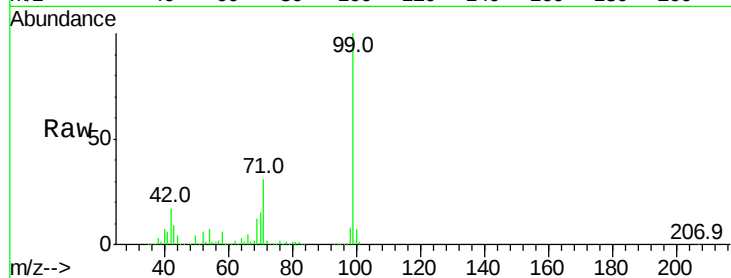
Tot Ion: 99 Resp: 760341

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

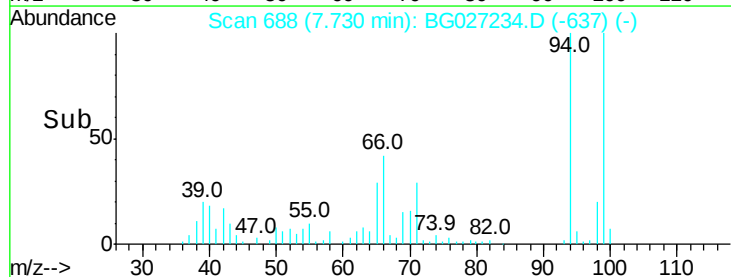
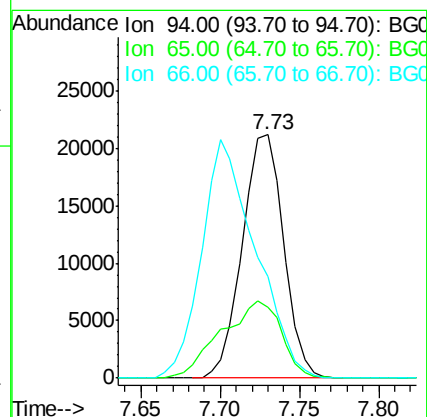
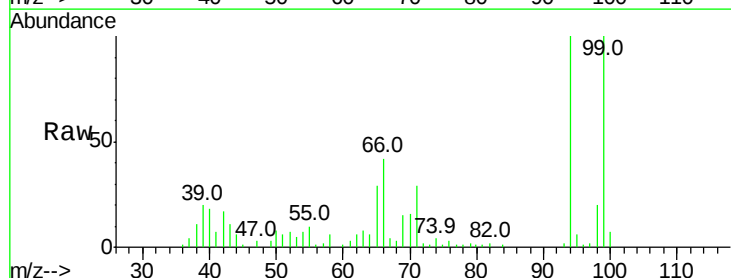
Tgt Ion: 94 Resp: 38325

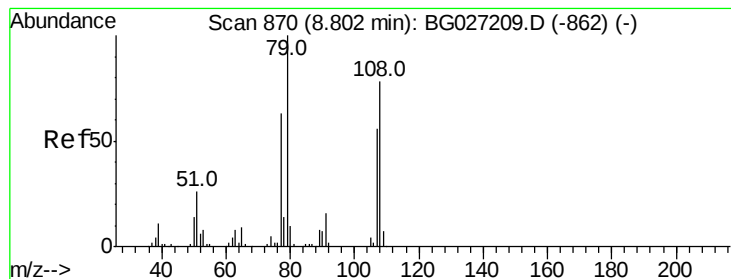
Ion Ratio Lower Upper

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 :

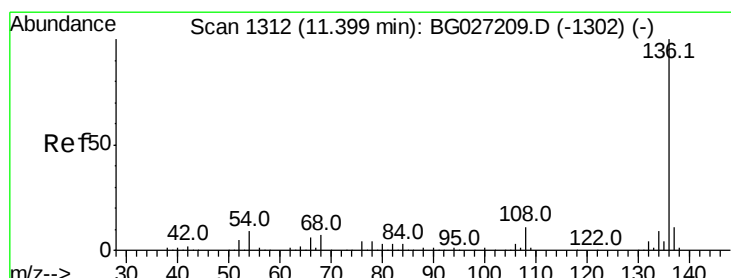
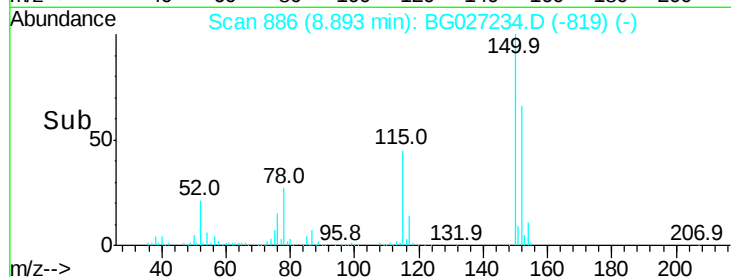
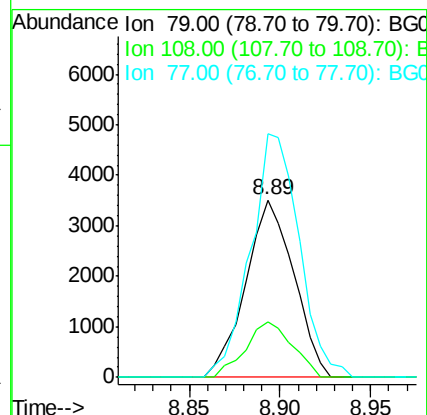
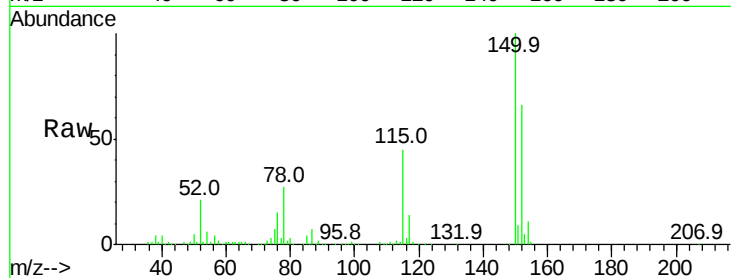
Tot Ion: 79 Resp: 6463

Ion Ratio Lower Upper

79 100

108 31.2 45.5 68.3#

77 137.5 54.3 81.5#



#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

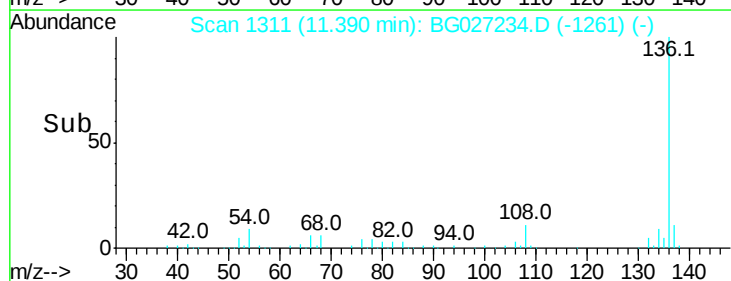
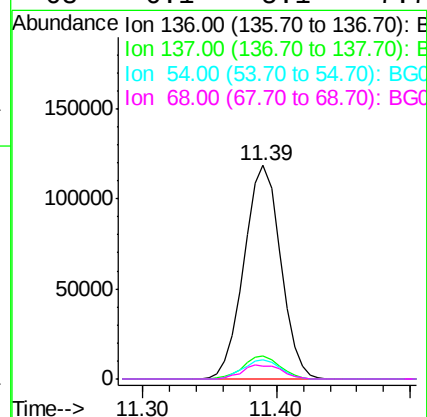
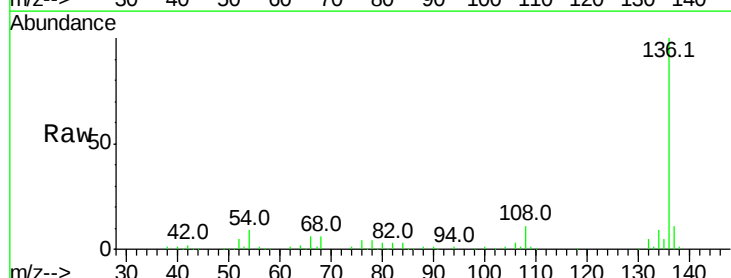
Ion Ratio Lower Upper

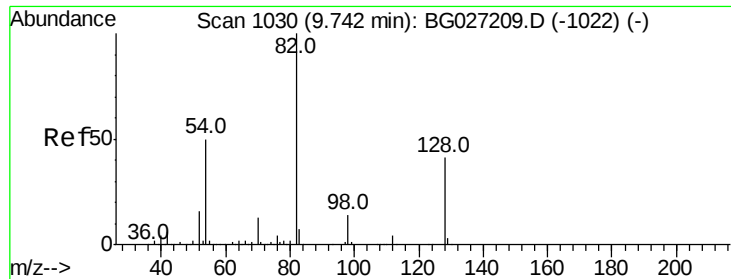
136 100

137 10.8 8.9 13.3

54 8.8 9.3 13.9#

68 6.1 5.1 7.7

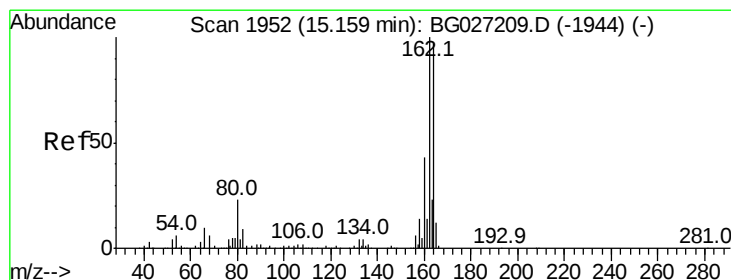
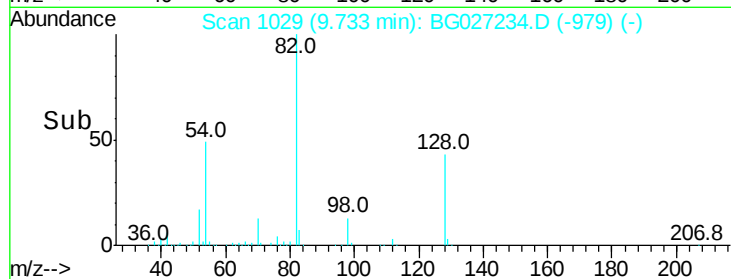
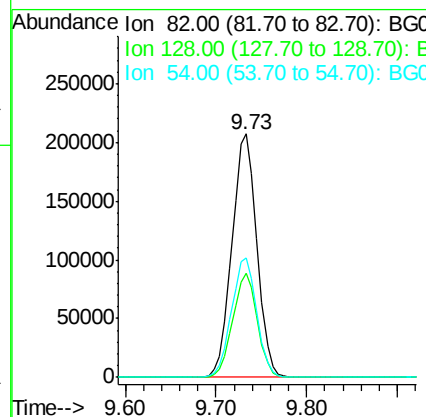
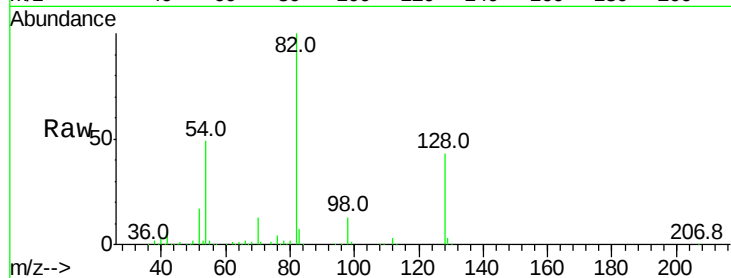




#23
Nitrobenzene-d5
Concen: 110.41 ng
RT: 9.73 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG027234.D
Acq: 6 Jun 2017 5:04

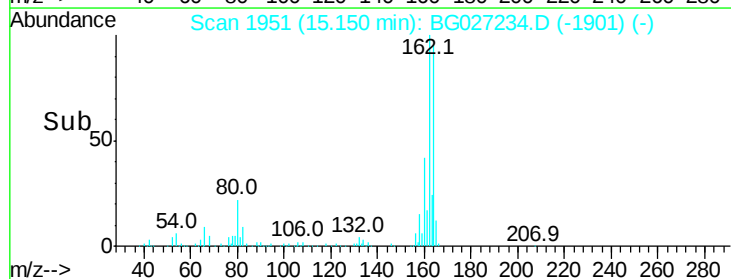
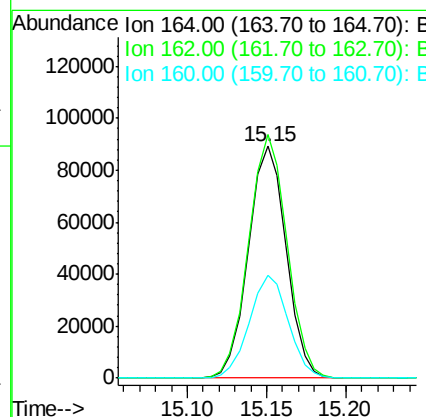
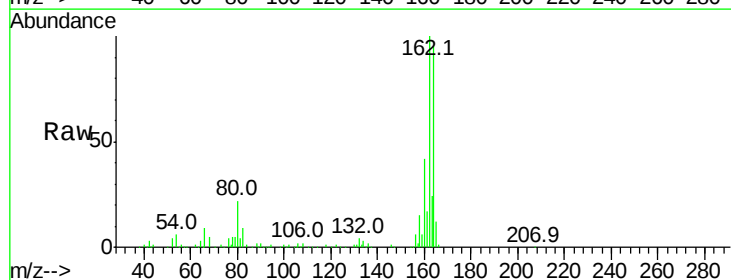
Instrument :
BNA_G
ClientSampleId :

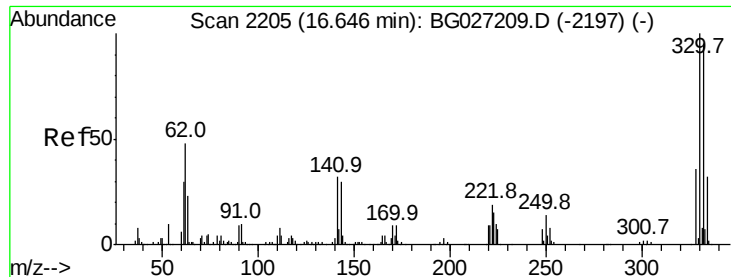
Tot Ion: 82 Resp: 394822
Ion Ratio Lower Upper
82 100
128 42.7 26.4 39.6#
54 48.9 49.4 74.2#



#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 :

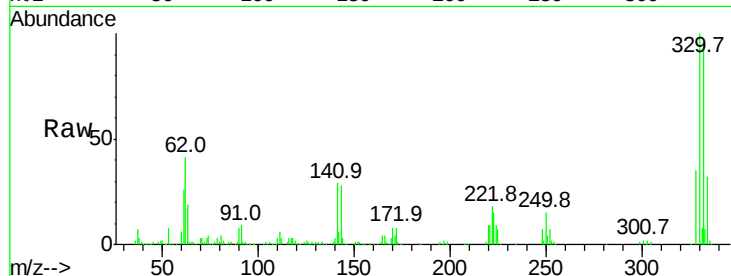
Tot Ion:330 Resp: 352727

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

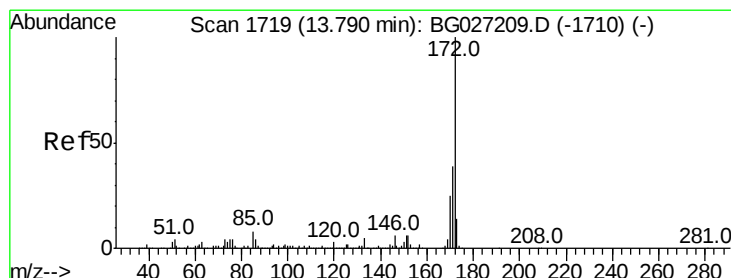
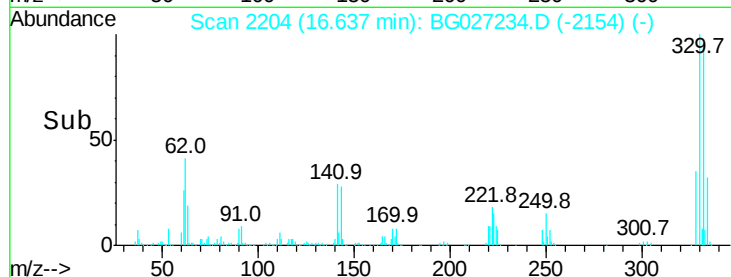
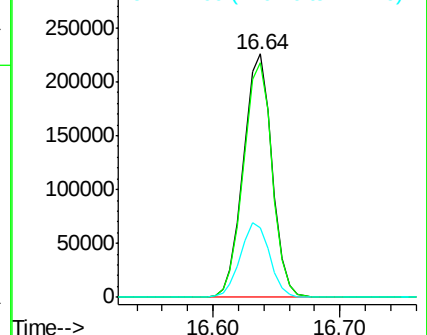
141 31.5 32.1 48.1#



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: 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

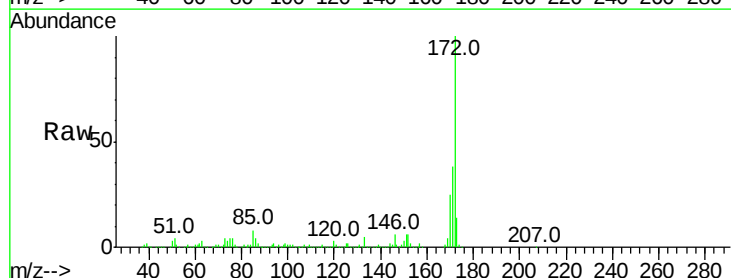
Tgt Ion:172 Resp: 982805

Ion Ratio Lower Upper

172 100

171 37.6 32.2 48.2

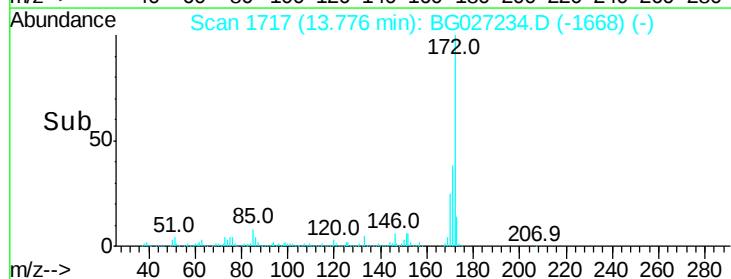
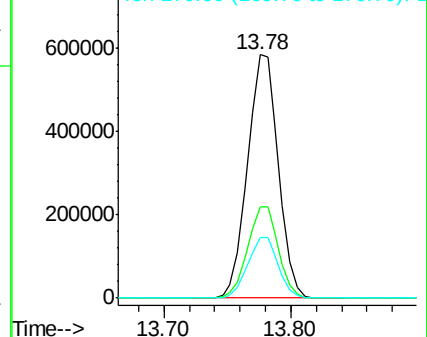
170 24.8 21.8 32.6

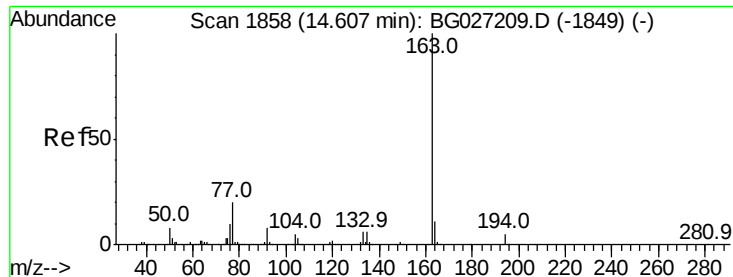


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 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 :

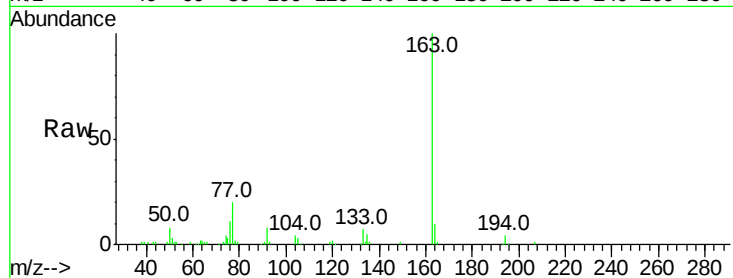
Tot Ion:163 Resp: 82811

Ion Ratio Lower Upper

163 100

194 4.4 3.8 5.6

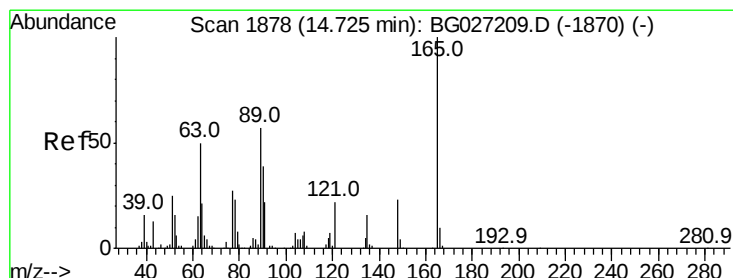
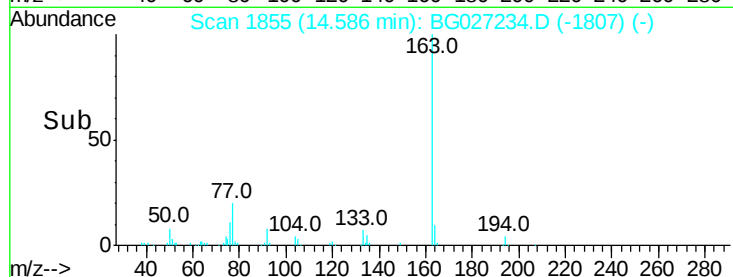
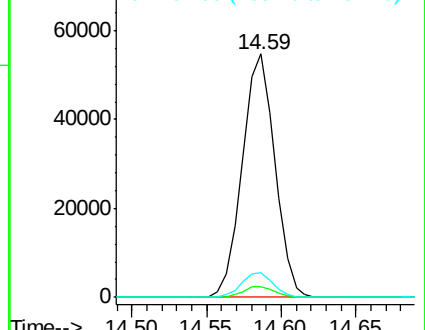
164 10.4 9.3 13.9



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

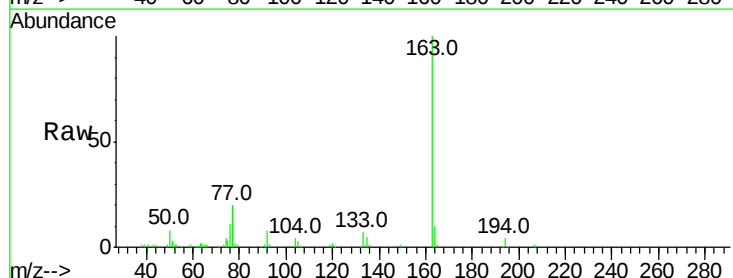
Tgt Ion:165 Resp: 1010

Ion Ratio Lower Upper

165 100

63 114.9 63.9 95.9#

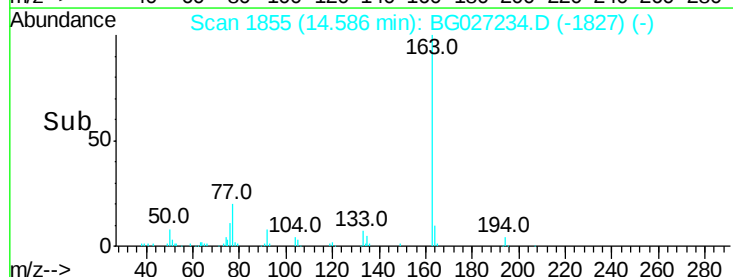
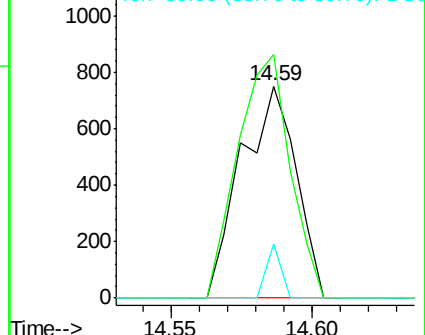
89 25.7 58.6 88.0#

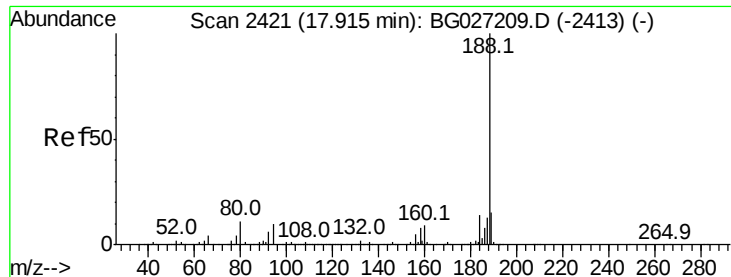


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

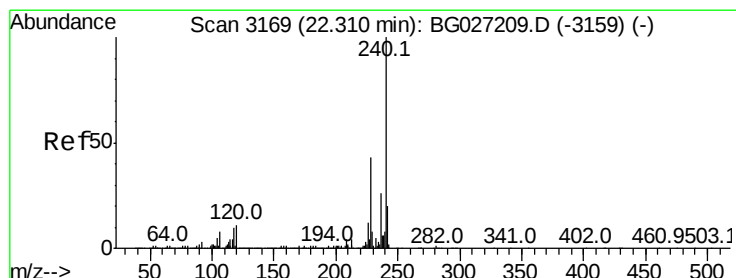
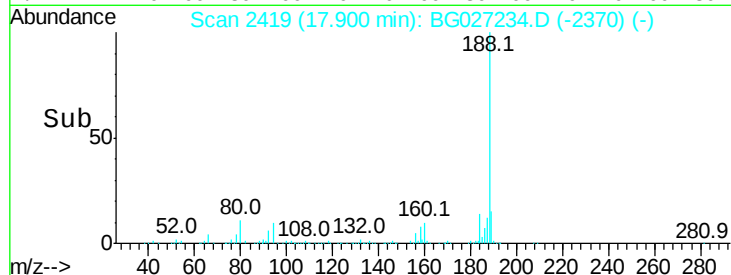
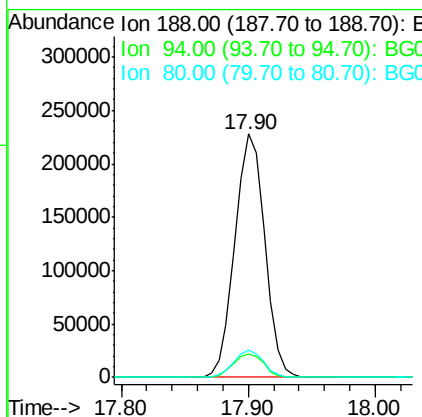
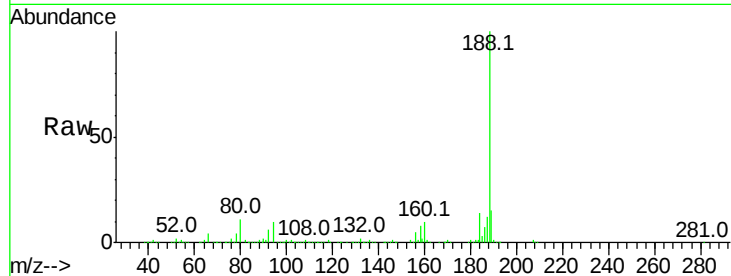




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.90 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG027234.D
Acq: 6 Jun 2017 5:04

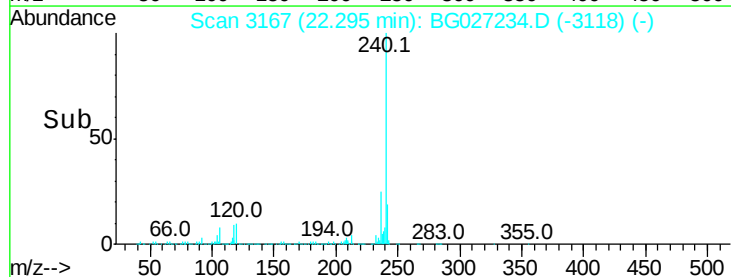
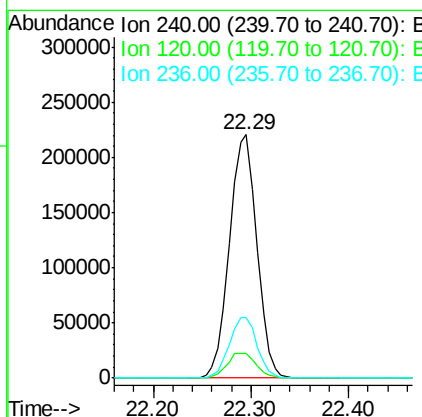
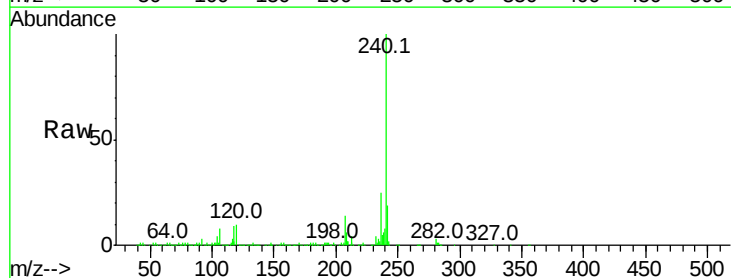
Instrument :
BNA_G
ClientSampleId :

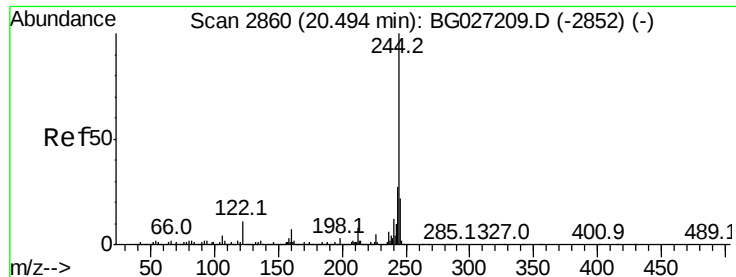
Tot Ion:188 Resp: 372433
Ion Ratio Lower Upper
188 100
94 9.6 5.8 8.8#
80 11.1 7.5 11.3



#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





#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

ClientSampled :

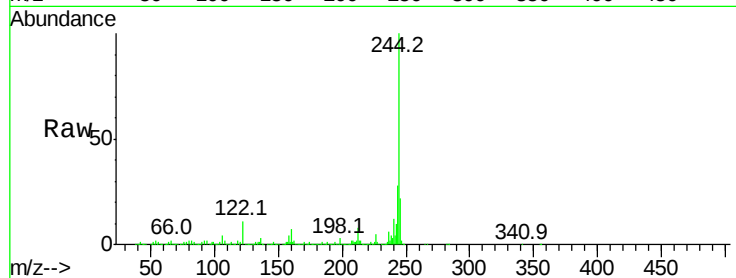
Tot Ion:244 Resp: 1570666

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

244 100

212 7.9 10.0 15.0#

122 10.5 8.6 12.8

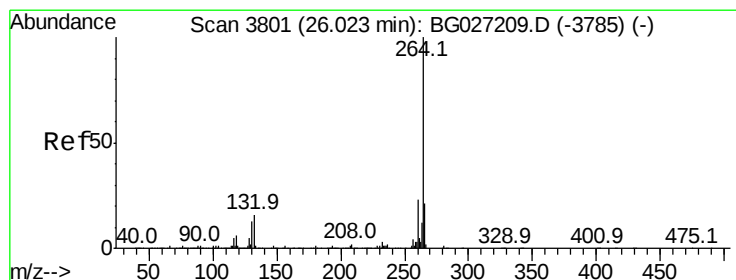
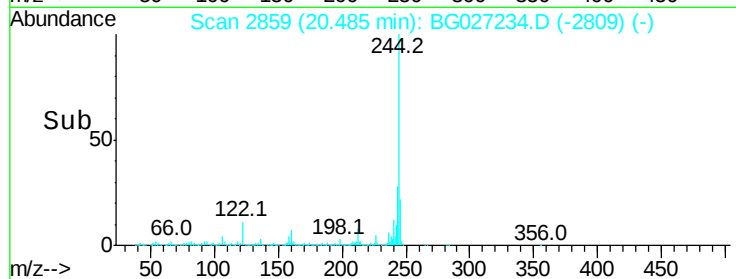
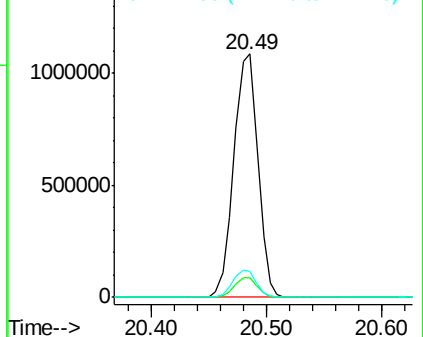


Abundance

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

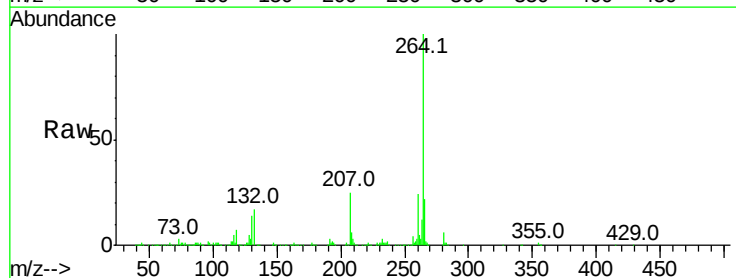
Tgt Ion:264 Resp: 403423

Ion	Ratio	Lower	Upper
264	100		
260	24.0	21.8	32.8
265	22.1	18.2	27.4

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

