

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062217\
 Data File : BG027611.D
 Acq On : 23 Jun 2017 00:50
 Operator : SJ/JU
 Sample : I3657-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 23 02:12:38 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

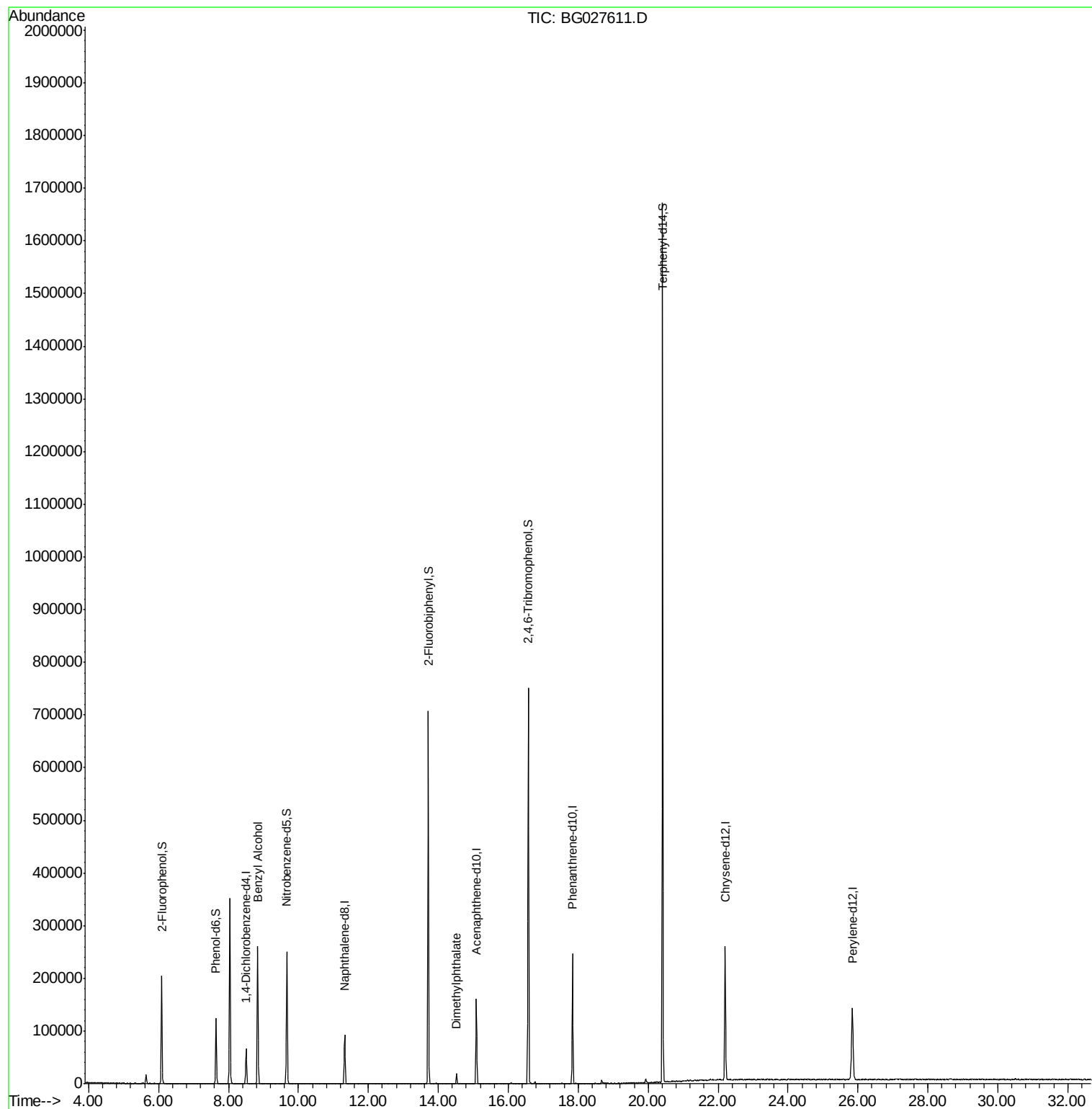
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	17499	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	81050	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	53006	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	155699	20.00	ng	0.00
75) Chrysene-d12	22.20	240	173376	20.00	ng	-0.01
86) Perylene-d12	25.84	264	165500	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	84133	68.43	ng	0.00
7) Phenol-d6	7.64	99	70462	38.71	ng	0.00
23) Nitrobenzene-d5	9.67	82	158025	92.26	ng	0.00
41) 2,4,6-Tribromophenol	16.58	330	139137	176.07	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	348584	89.83	ng	0.00
78) Terphenyl-d14	20.41	244	741001	100.70	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.83	79	2930	2.02	ng	# 43
49) Dimethylphthalate	14.52	163	12586	2.71	ng	# 93

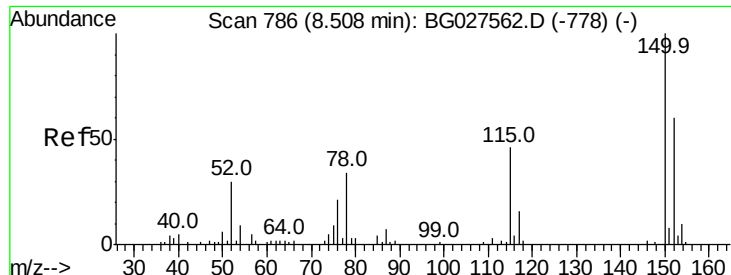
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG027611.D

Acq: 23 Jun 2017 00:50

Instrument :

BNA_G

ClientSampled :

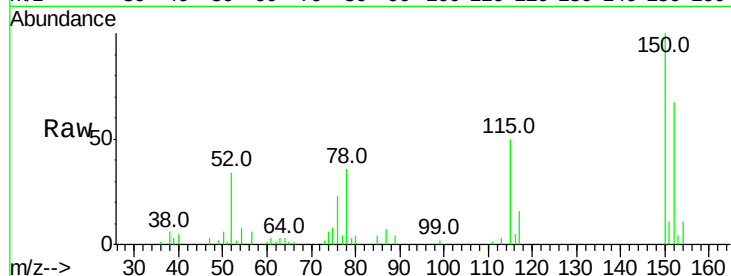
Tot Ion:152 Resp: 17499

Ion Ratio Lower Upper

152 100

150 148.7 114.0 171.0

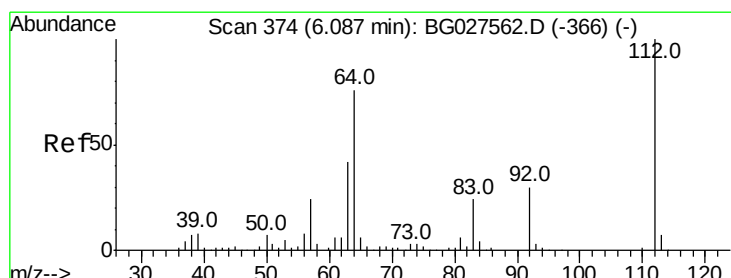
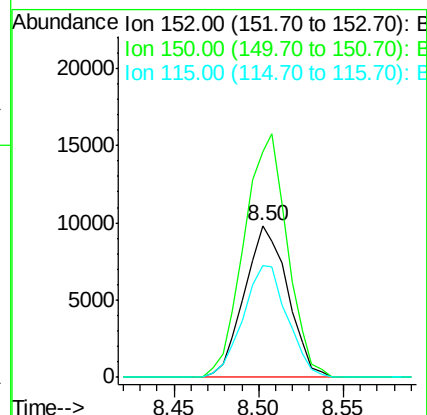
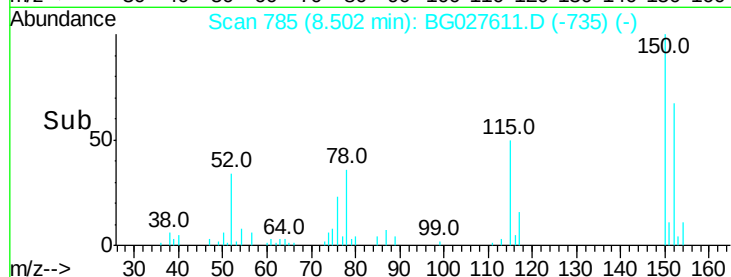
115 73.7 48.1 72.1#



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: 68.43 ng

RT: 6.09 min Scan# 374

Delta R.T. 0.00 min

Lab File: BG027611.D

Acq: 23 Jun 2017 00:50

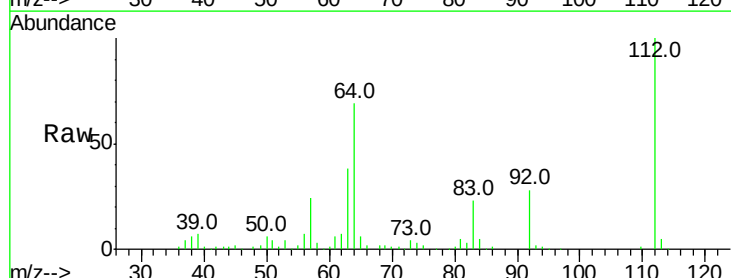
Tgt Ion:112 Resp: 84133

Ion Ratio Lower Upper

112 100

64 68.6 61.8 92.6

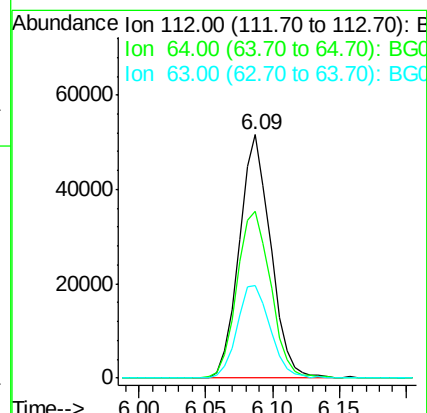
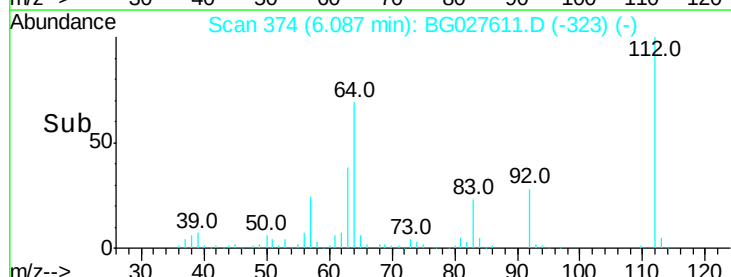
63 38.1 37.2 55.8

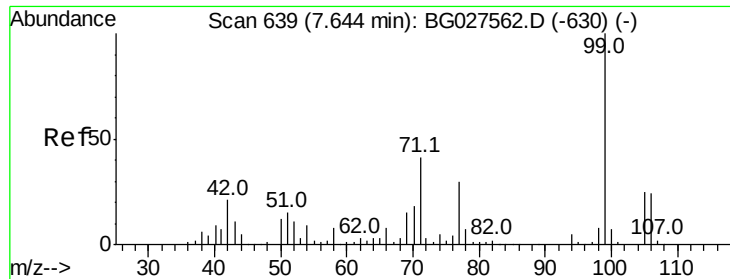


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 38.71 ng

RT: 7.64 min Scan# 638

Delta R.T. -0.01 min

Lab File: BG027611.D

Acq: 23 Jun 2017 00:50

Instrument :

BNA_G

ClientSampleId :

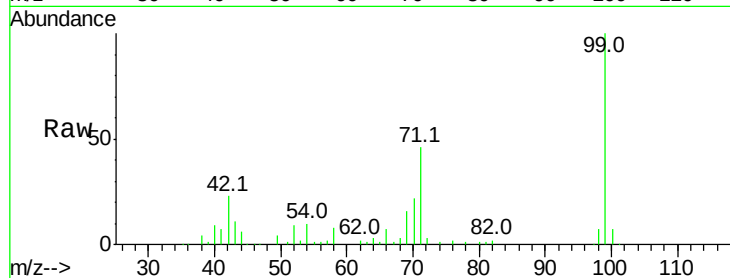
Tot Ion: 99 Resp: 70462

Ion Ratio Lower Upper

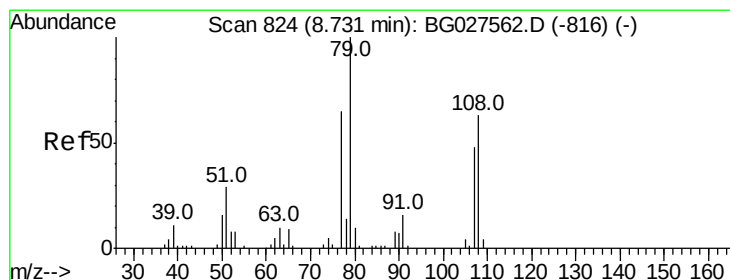
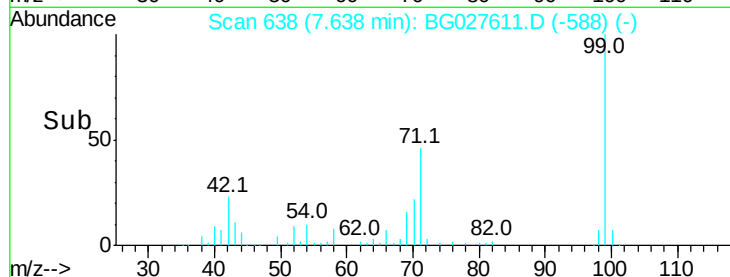
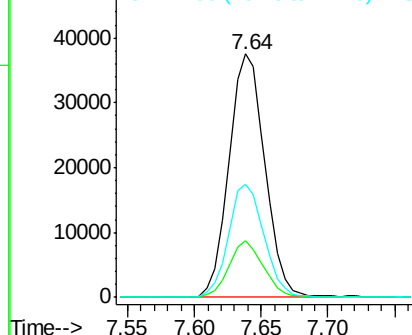
99 100

42 23.3 20.5 30.7

71 46.3 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



#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 8.83 min Scan# 840

Delta R.T. 0.09 min

Lab File: BG027611.D

Acq: 23 Jun 2017 00:50

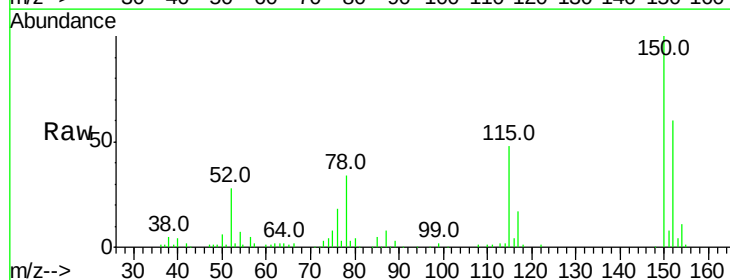
Tgt Ion: 79 Resp: 2930

Ion Ratio Lower Upper

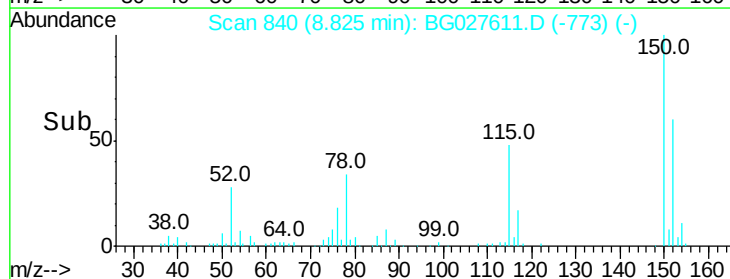
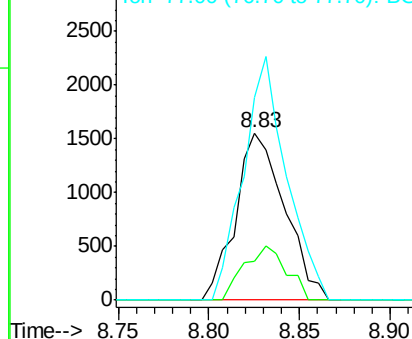
79 100

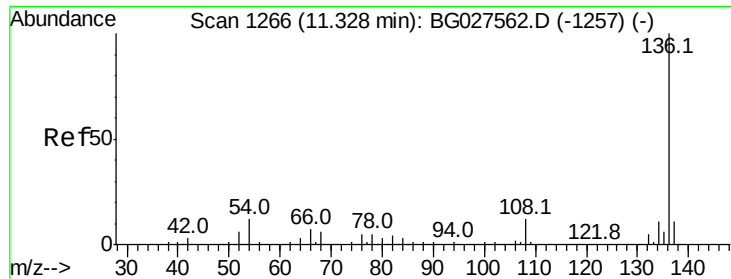
108 23.5 45.5 68.3#

77 121.1 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

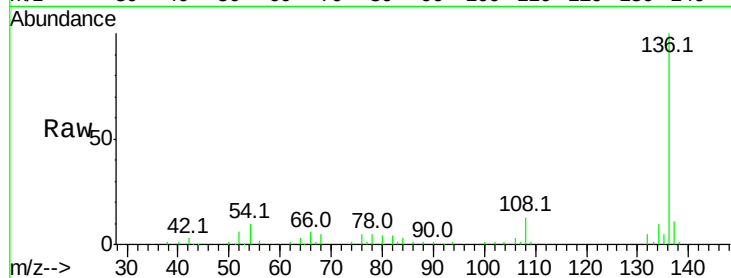




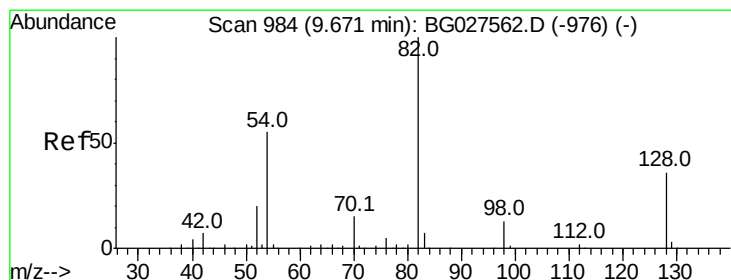
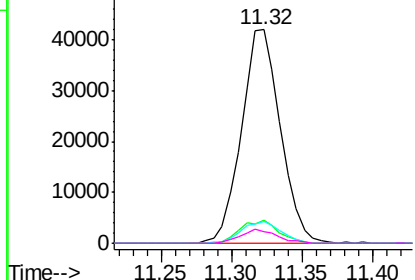
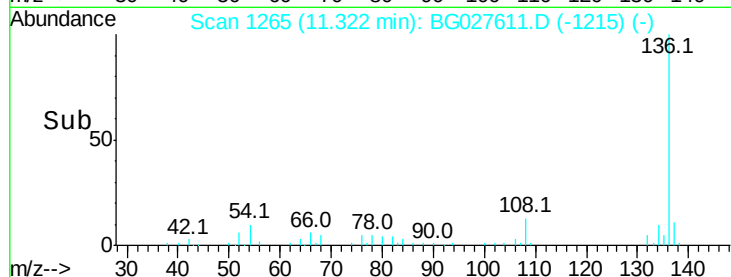
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.32 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BG027611.D
Acq: 23 Jun 2017 00:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	81050
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	10.2	9.3	13.9
68	5.3	5.1	7.7

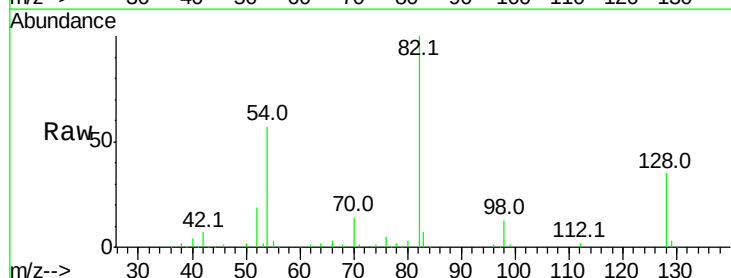


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

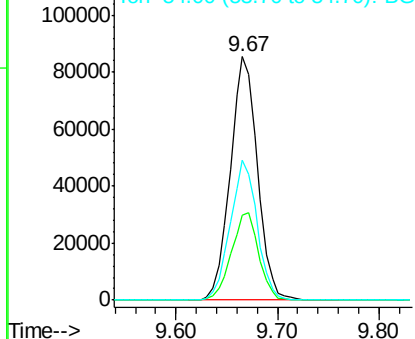
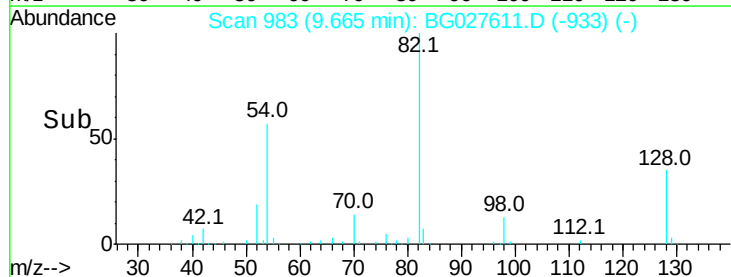


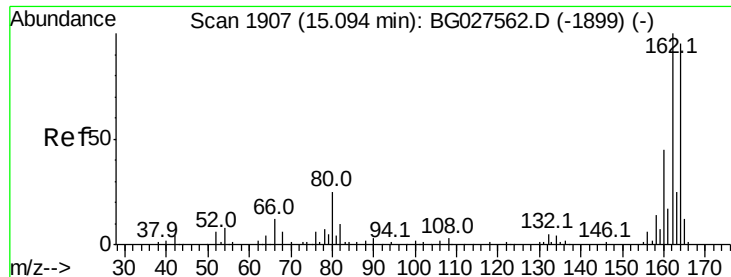
#23
Nitrobenzene-d5
Concen: 92.26 ng
RT: 9.67 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG027611.D
Acq: 23 Jun 2017 00:50

Tgt Ion:	82	Resp:	158025
Ion	Ratio	Lower	Upper
82	100		
128	34.9	26.4	39.6
54	57.3	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: BG027611.D

Acq: 23 Jun 2017 00:50

Instrument :

BNA_G

ClientSampleId :

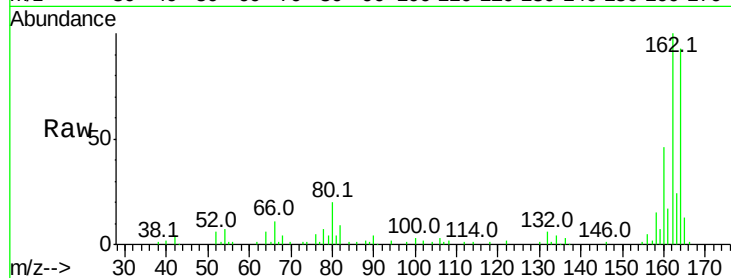
Tot Ion:164 Resp: 53006

Ion Ratio Lower Upper

164 100

162 107.4 85.1 127.7

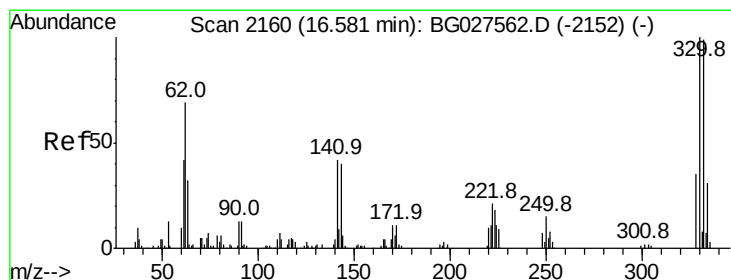
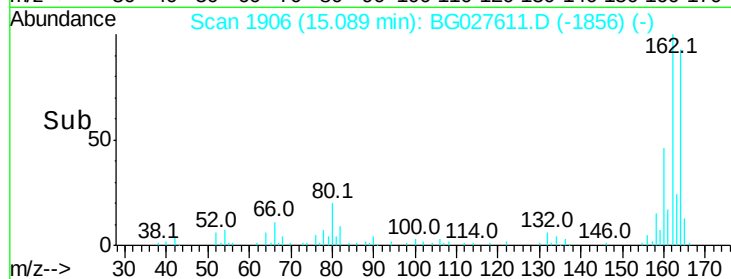
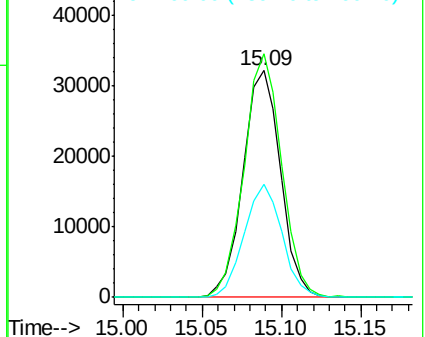
160 49.9 34.7 52.1



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: 176.07 ng

RT: 16.58 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG027611.D

Acq: 23 Jun 2017 00:50

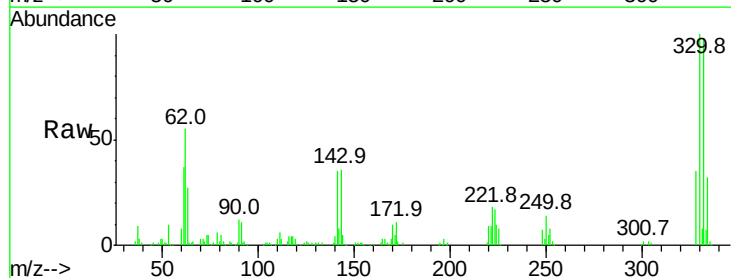
Tgt Ion:330 Resp: 139137

Ion Ratio Lower Upper

330 100

332 95.0 77.3 115.9

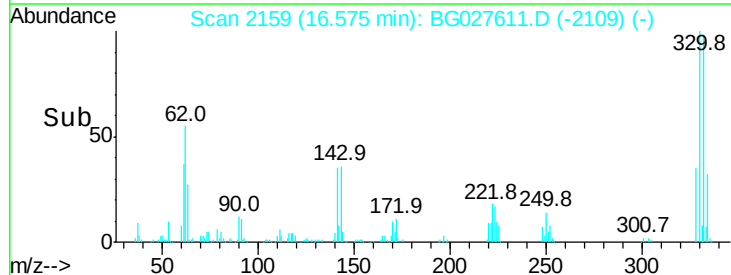
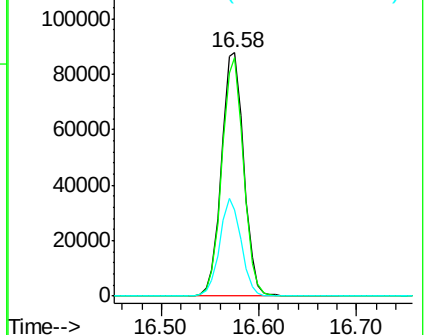
141 38.3 32.1 48.1

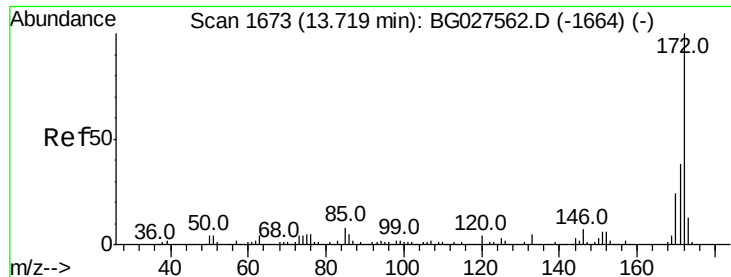


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

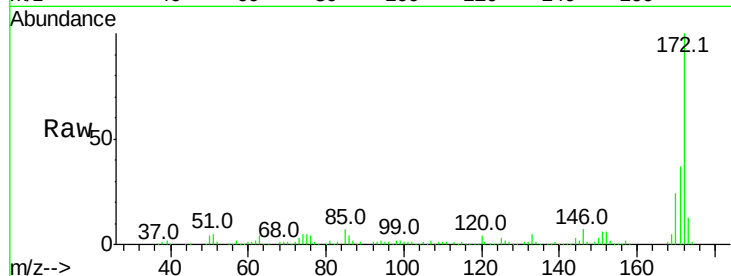




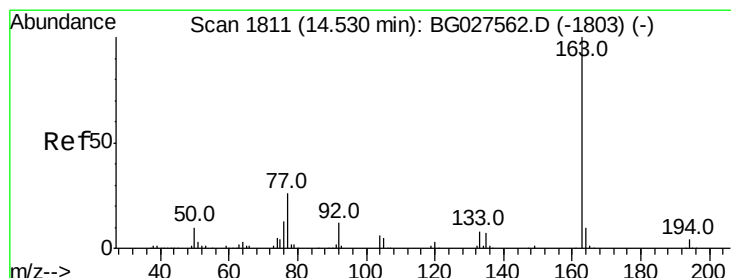
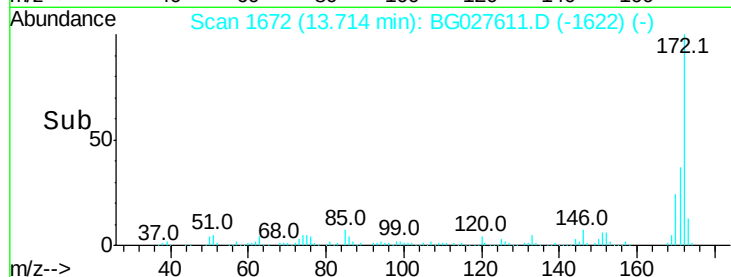
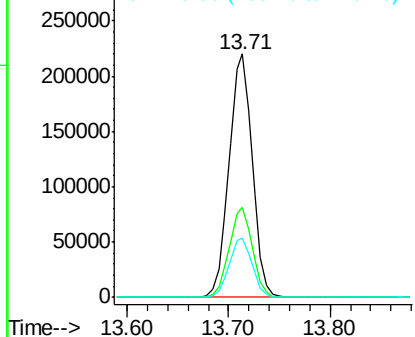
#44
 2-Fluorobiphenyl
 Concen: 89.83 ng
 RT: 13.71 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BG027611.D
 Acq: 23 Jun 2017 00:50

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 348584
 Ion Ratio Lower Upper
 172 100
 171 36.9 32.2 48.2
 170 24.5 21.8 32.6

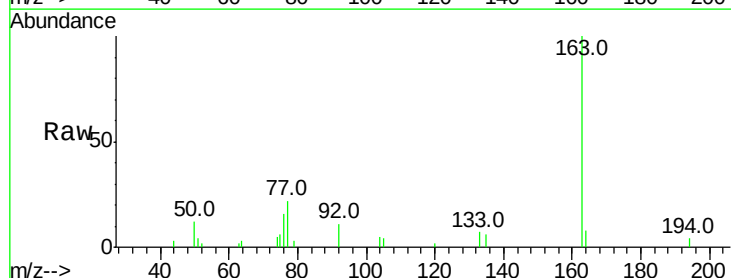


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

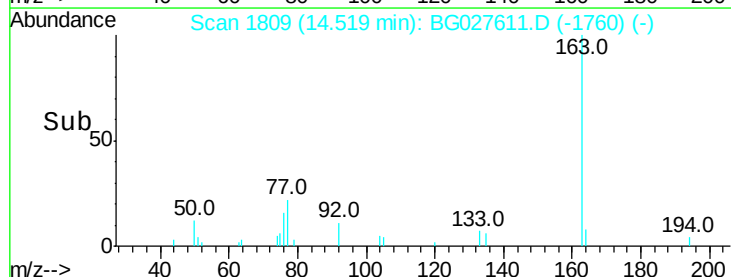
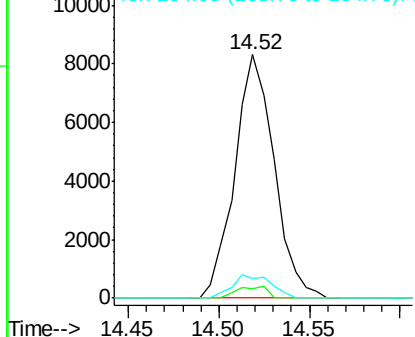


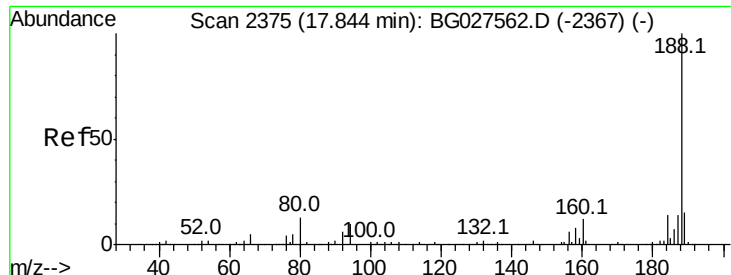
#49
 Dimethylphthalate
 Concen: 2.71 ng
 RT: 14.52 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BG027611.D
 Acq: 23 Jun 2017 00:50

Tgt Ion:163 Resp: 12586
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.8 5.6
 164 8.2 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

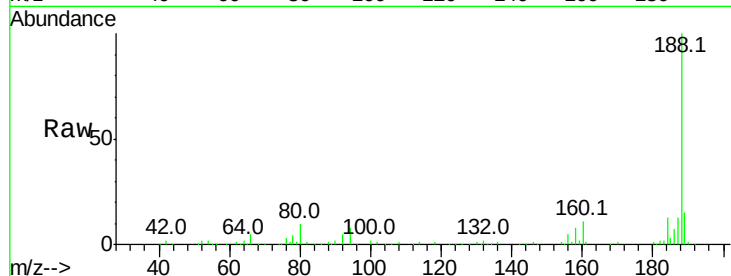




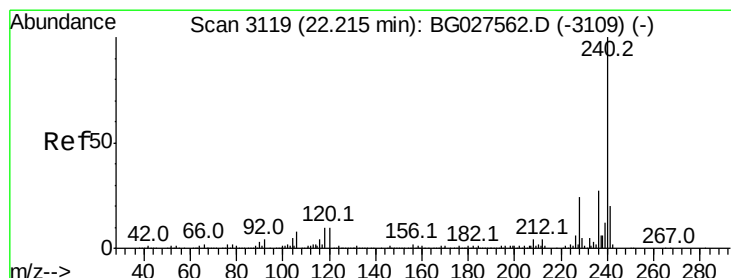
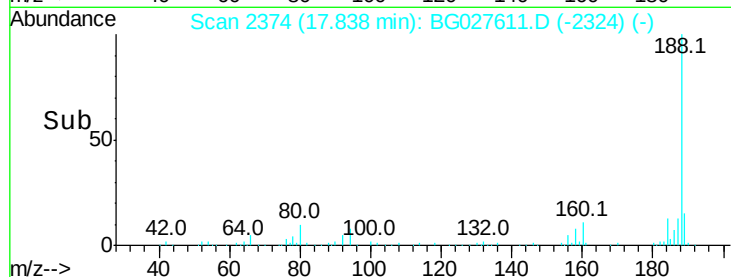
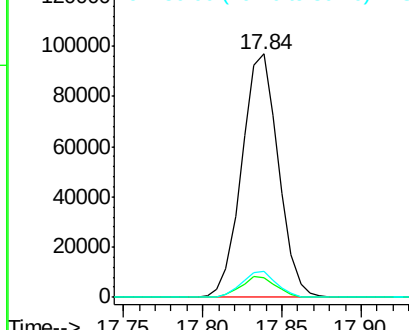
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.84 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG027611.D
Acq: 23 Jun 2017 00:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 155699
Ion Ratio Lower Upper
188 100
94 7.8 5.8 8.8
80 10.5 7.5 11.3

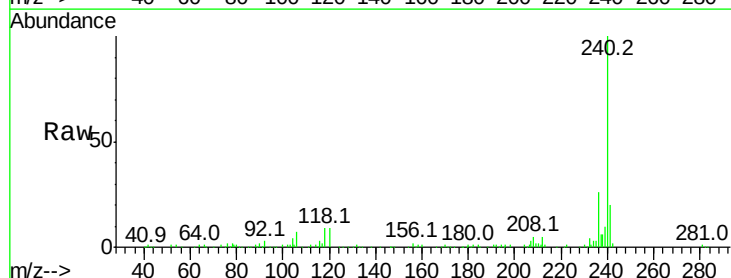


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

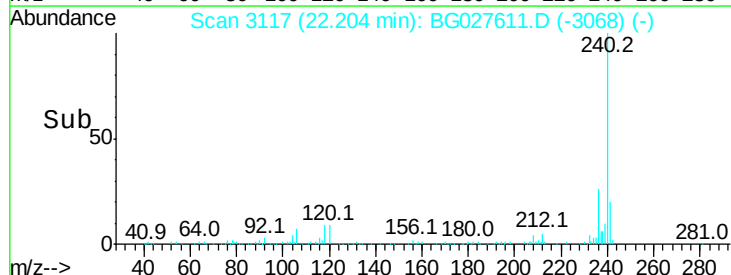
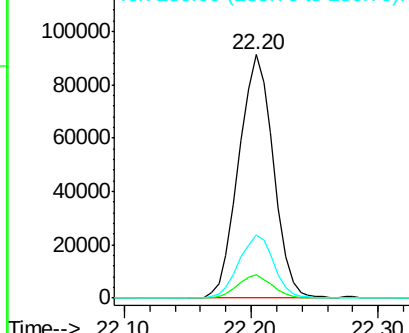


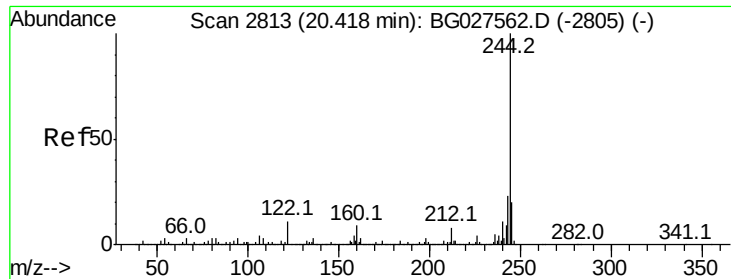
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.20 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BG027611.D
Acq: 23 Jun 2017 00:50

Tgt Ion:240 Resp: 173376
Ion Ratio Lower Upper
240 100
120 9.4 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: 100.70 ng

RT: 20.41 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BG027611.D

Acq: 23 Jun 2017 00:50

Instrument :

BNA_G

ClientSampleId :

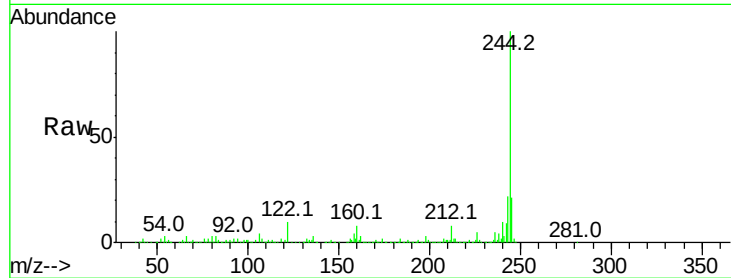
Tot Ion:244 Resp: 741001

Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

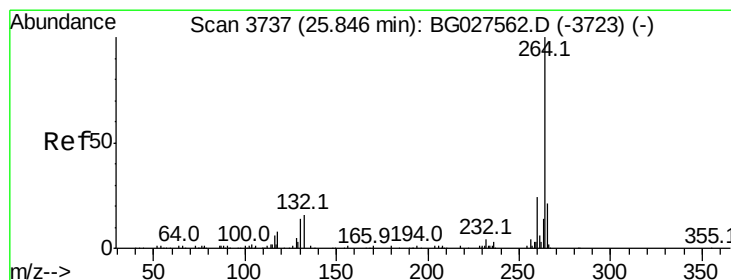
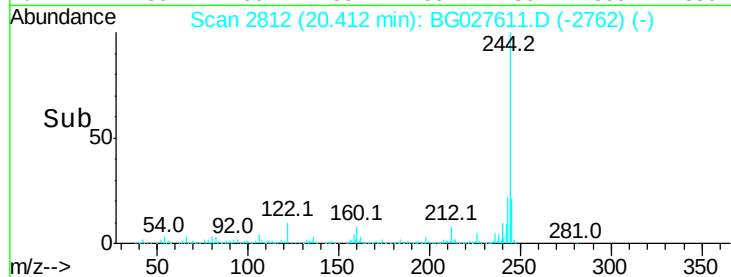
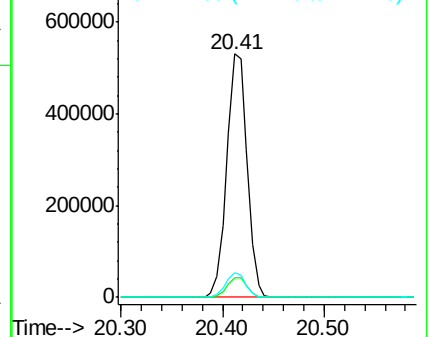
122 10.4 8.6 12.8



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: 25.84 min Scan# 3736

Delta R.T. -0.01 min

Lab File: BG027611.D

Acq: 23 Jun 2017 00:50

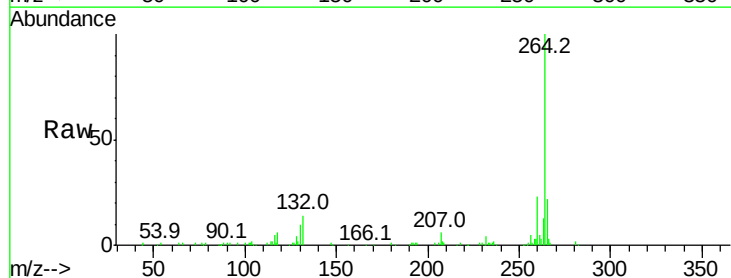
Tgt Ion:264 Resp: 165500

Ion Ratio Lower Upper

264 100

260 23.0 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

