

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072816\
 Data File : BG023313.D
 Acq On : 28 Jul 2016 19:06
 Operator : UM/SJ
 Sample : H4205-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-41-7.8-15.0

Quant Time: Jul 29 01:08:53 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

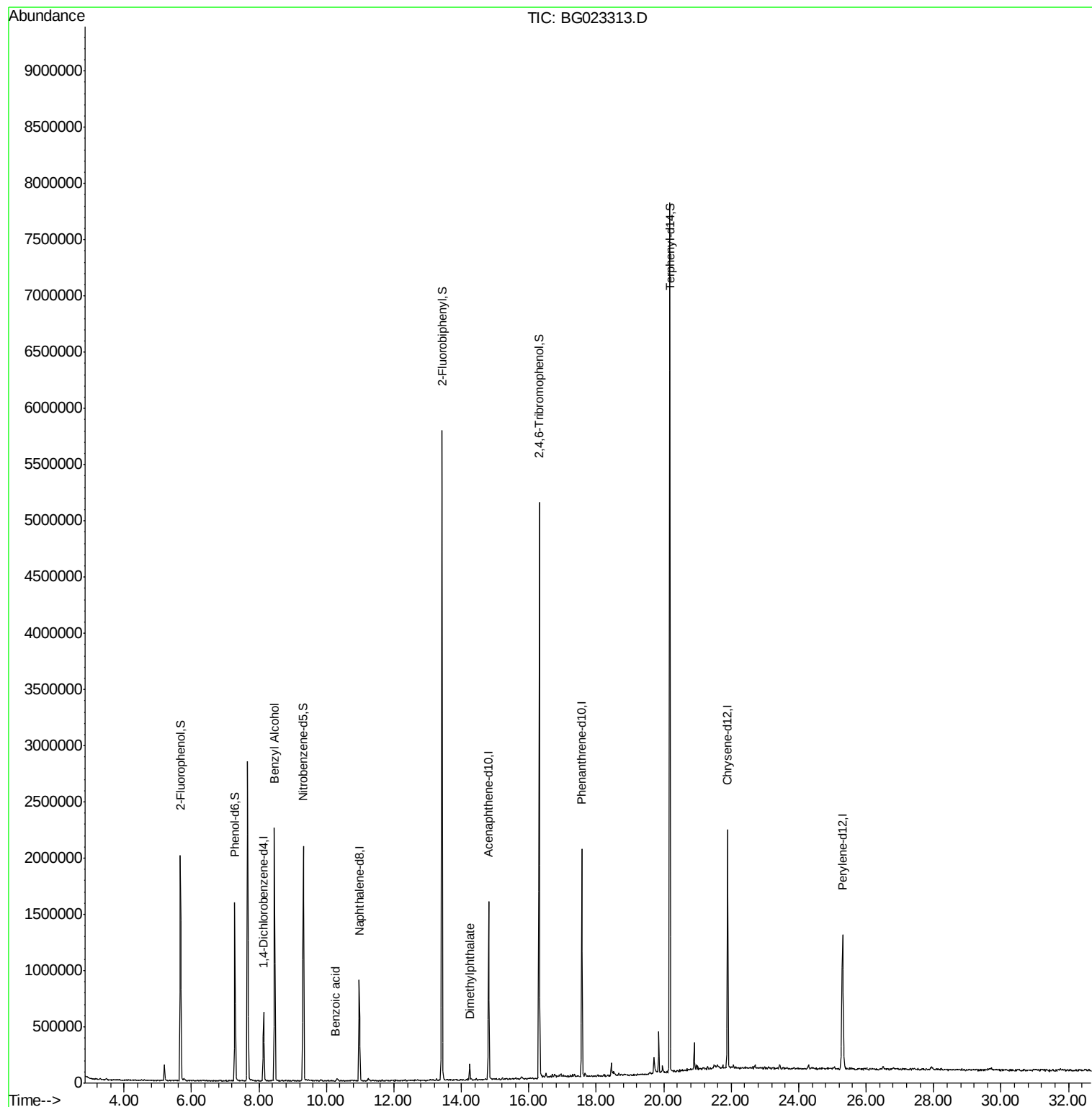
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	170393	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	759031	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	528774	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1229265	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1238770	20.00	ng	0.00
86) Perylene-d12	25.30	264	1259132	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	882635	88.43	ng	0.00
7) Phenol-d6	7.28	99	999248	65.21	ng	0.00
23) Nitrobenzene-d5	9.32	82	1357777	87.48	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	888795	162.40	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2739526	96.97	ng	0.00
78) Terphenyl-d14	20.18	244	2900772	76.12	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.46	79	21224	2.06	ng	# 59
32) Benzoic acid	10.26	122	67	8.12	ng	# 24
49) Dimethylphthalate	14.25	163	94798	2.43	ng	# 95

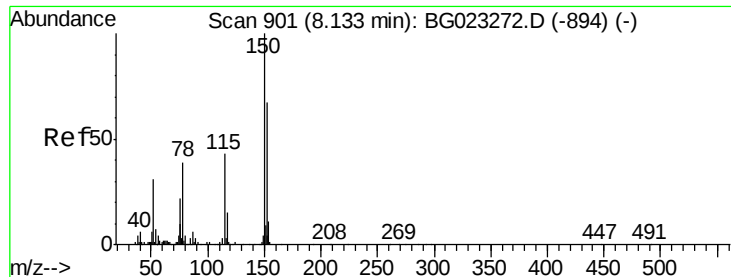
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG023313.D

Acq: 28 Jul 2016 19:06

Instrument :

BNA_G

ClientSampleId :

GW-41-7.8-15.0

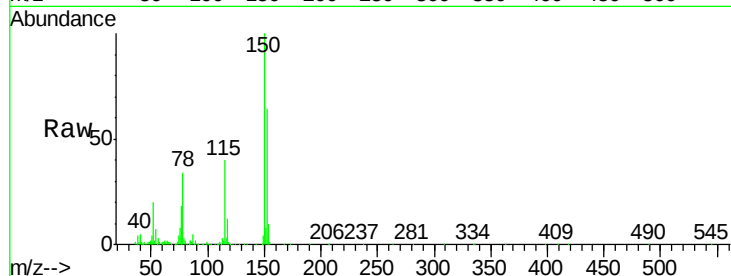
Tgt Ion:152 Resp: 170393

Ion Ratio Lower Upper

152 100

150 157.5 144.7 217.1

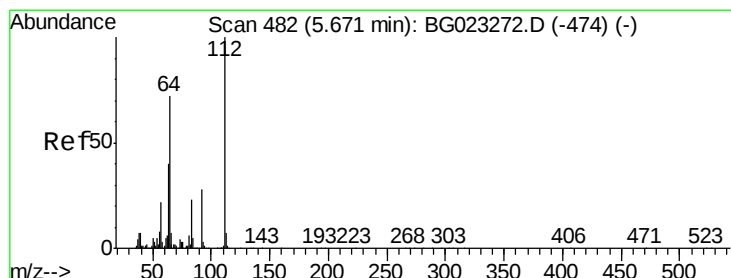
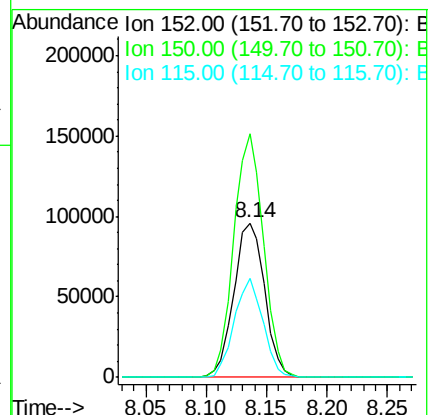
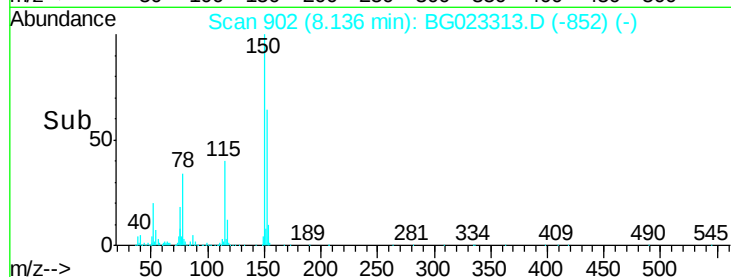
115 63.7 64.0 96.0#



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: 88.43 ng

RT: 5.67 min Scan# 482

Delta R.T. -0.00 min

Lab File: BG023313.D

Acq: 28 Jul 2016 19:06

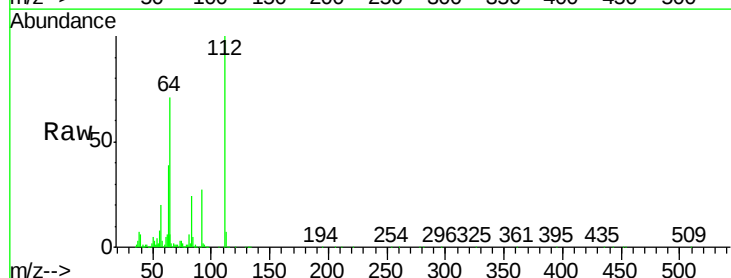
Tgt Ion:112 Resp: 882635

Ion Ratio Lower Upper

112 100

64 71.4 59.0 88.4

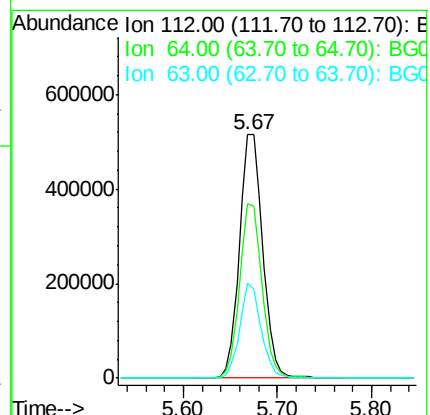
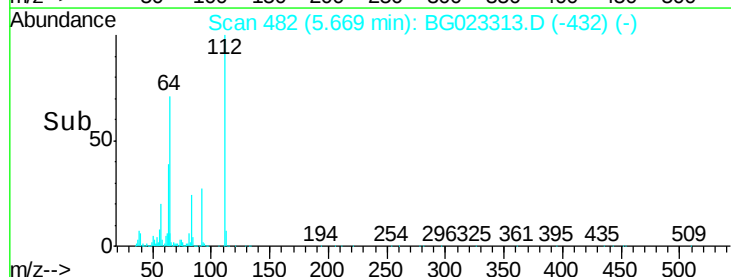
63 39.2 37.8 56.8

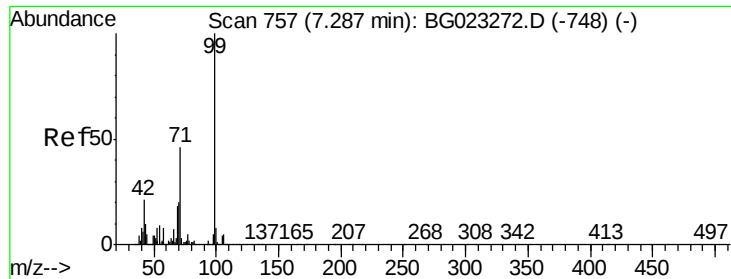


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 65.21 ng

RT: 7.28 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG023313.D

Acq: 28 Jul 2016 19:06

Instrument :

BNA_G

ClientSampleId :

GW-41-7.8-15.0

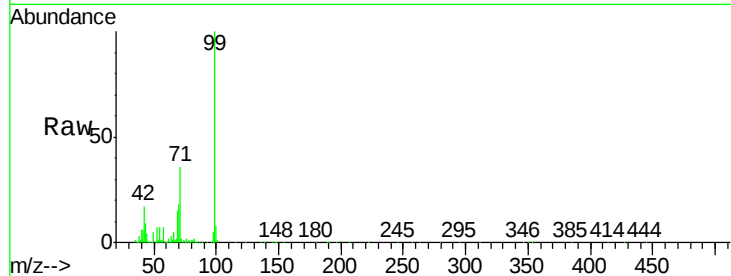
Tgt Ion: 99 Resp: 999248

Ion Ratio Lower Upper

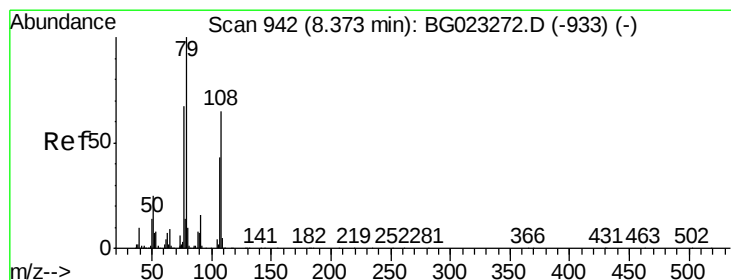
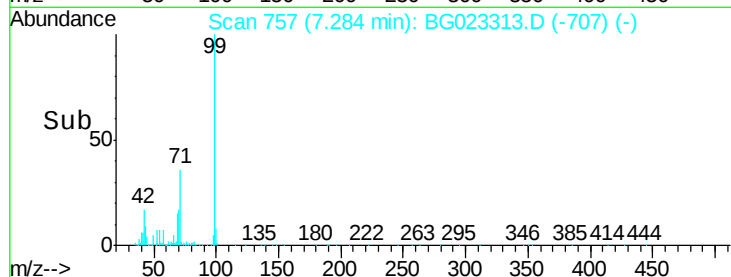
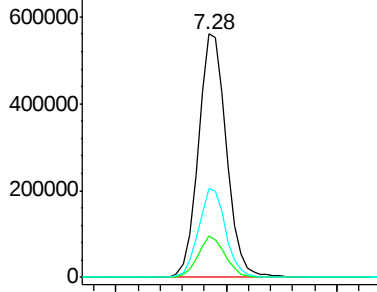
99 100

42 17.1 17.8 26.6#

71 36.4 41.5 62.3#



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: 2.06 ng

RT: 8.46 min Scan# 957

Delta R.T. 0.08 min

Lab File: BG023313.D

Acq: 28 Jul 2016 19:06

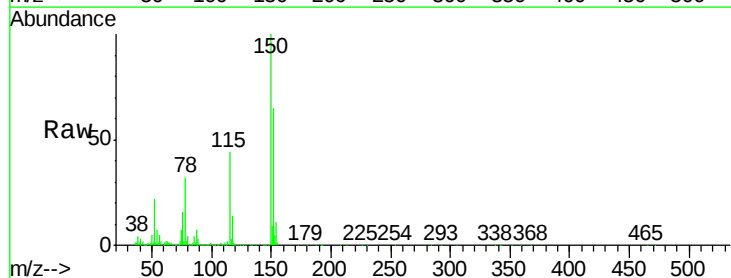
Tgt Ion: 79 Resp: 21224

Ion Ratio Lower Upper

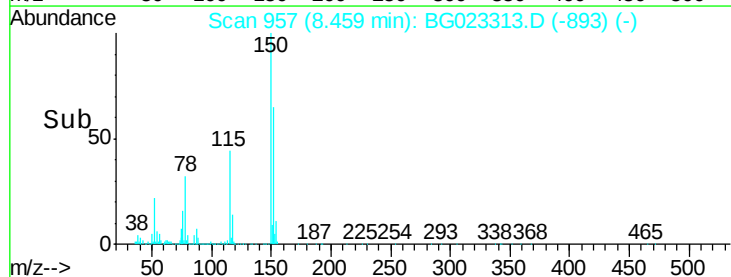
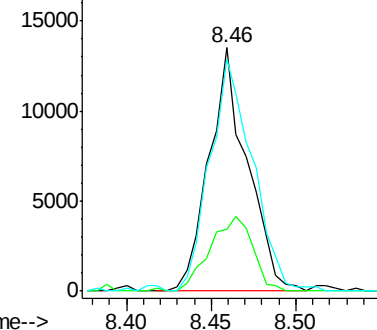
79 100

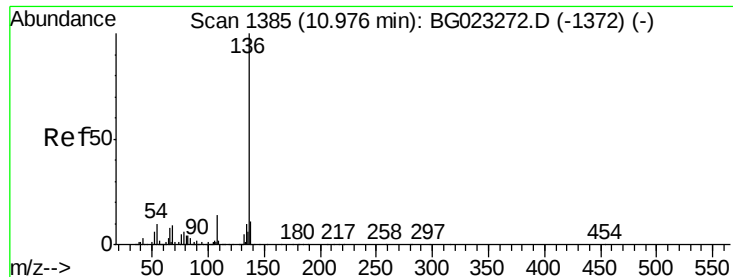
108 25.6 46.5 69.7#

77 95.2 52.3 78.5#



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

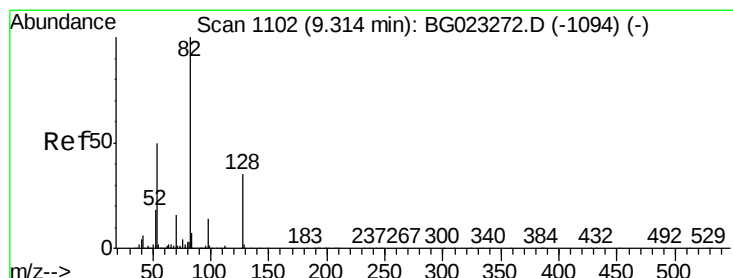
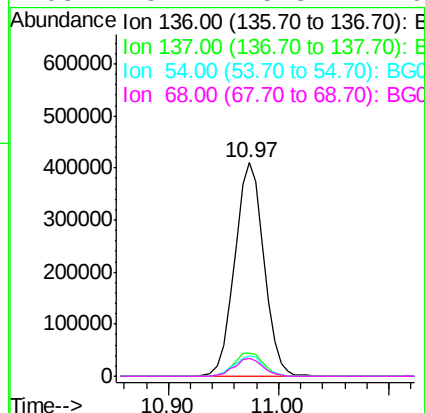
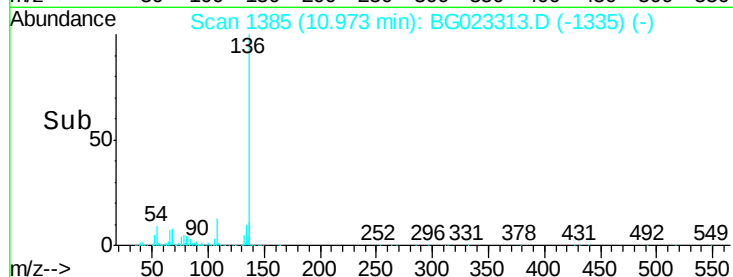
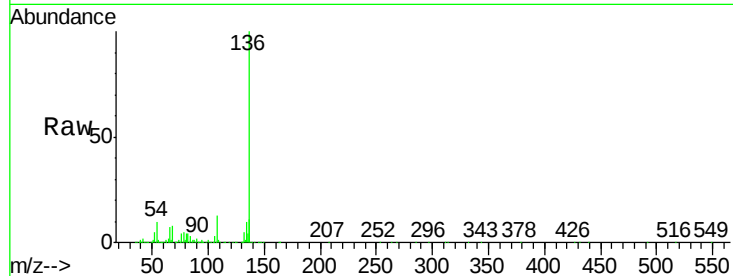




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG023313.D
Acq: 28 Jul 2016 19:06

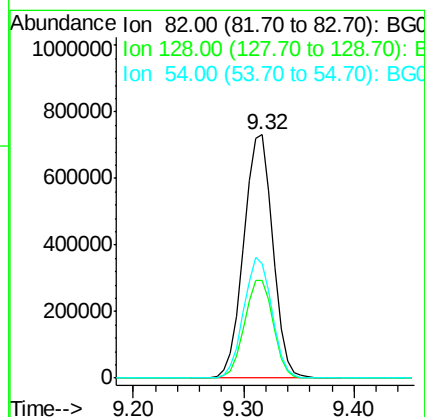
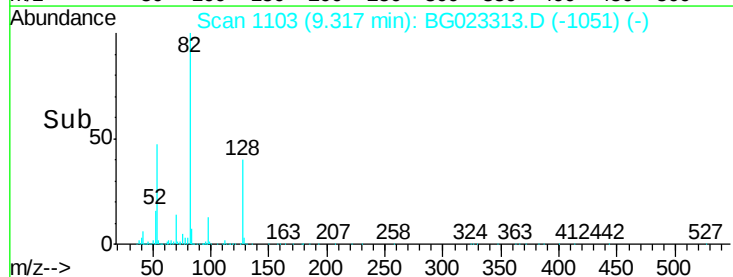
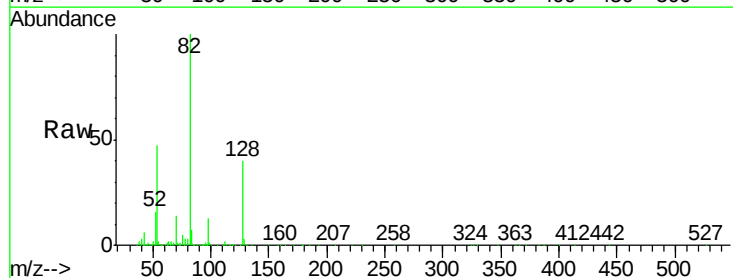
Instrument :
BNA_G
ClientSampleId :
GW-41-7.8-15.0

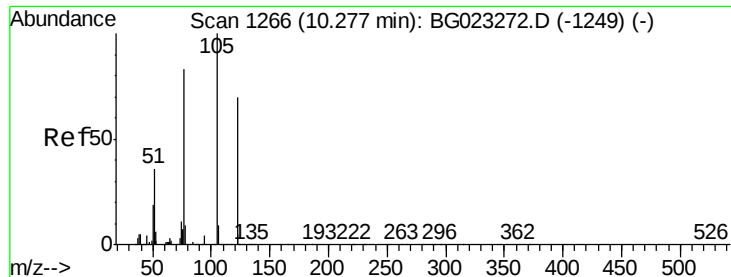
Tgt Ion:	136	Resp:	759031
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.6	14.4
54	9.6	7.3	10.9
68	8.1	5.3	7.9#



#23
Nitrobenzene-d5
Concen: 87.48 ng
RT: 9.32 min Scan# 1103
Delta R.T. 0.01 min
Lab File: BG023313.D
Acq: 28 Jul 2016 19:06

Tgt Ion:	82	Resp:	1357777
Ion	Ratio	Lower	Upper
82	100		
128	40.1	24.4	36.6#
54	47.1	41.4	62.0

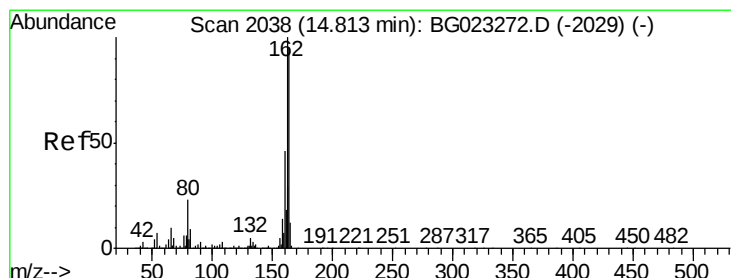
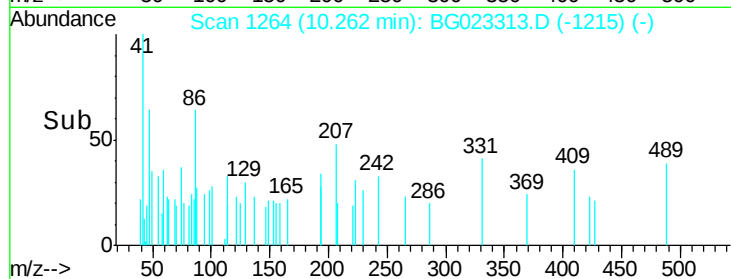
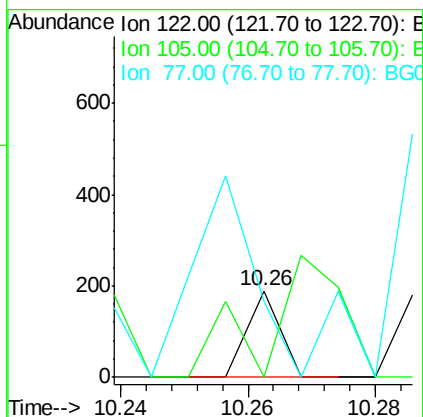
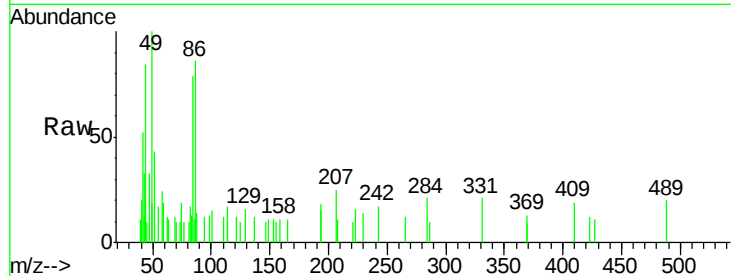




#32
Benzoic acid
Concen: 8.12 ng
RT: 10.26 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BG023313.D
Acq: 28 Jul 2016 19:06

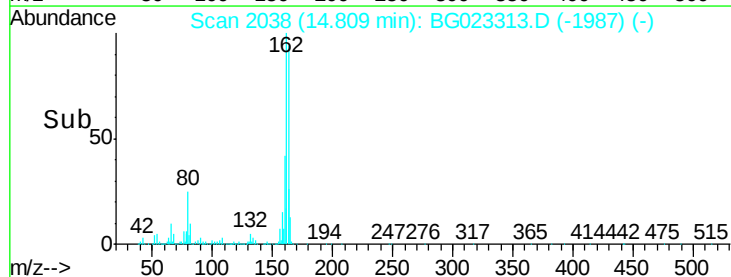
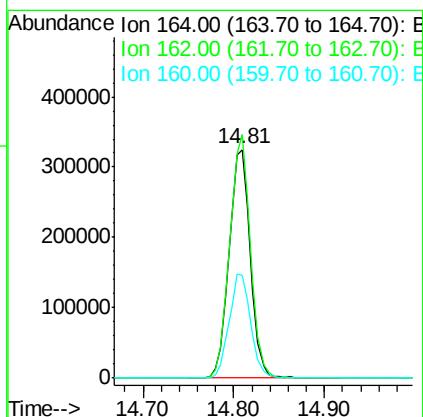
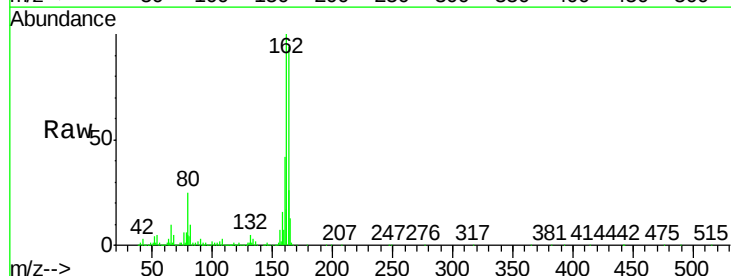
Instrument :
BNA_G
ClientSampleId :
GW-41-7.8-15.0

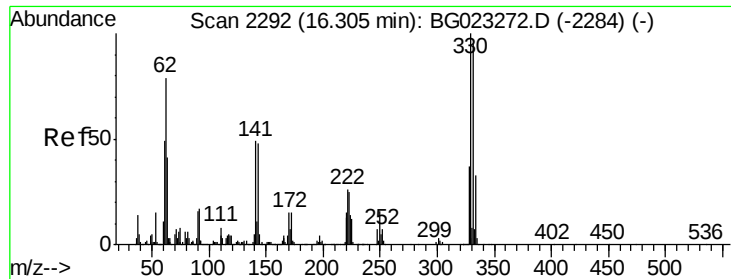
Tgt Ion:122 Resp: 67
Ion Ratio Lower Upper
122 100
105 0.0 117.2 157.2#
77 87.8 109.2 149.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG023313.D
Acq: 28 Jul 2016 19:06

Tgt Ion:164 Resp: 528774
Ion Ratio Lower Upper
164 100
162 106.6 87.7 131.5
160 44.8 37.2 55.8





#41

2,4,6-Tribromophenol

Concen: 162.40 ng

RT: 16.31 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BG023313.D

Acq: 28 Jul 2016 19:06

Instrument :

BNA_G

ClientSampleId :

GW-41-7.8-15.0

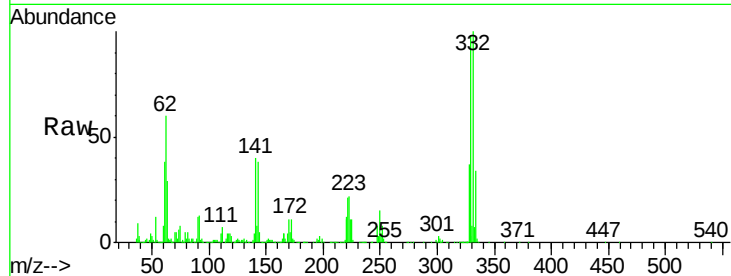
Tgt Ion:330 Resp: 888795

Ion Ratio Lower Upper

330 100

332 101.8 77.4 116.2

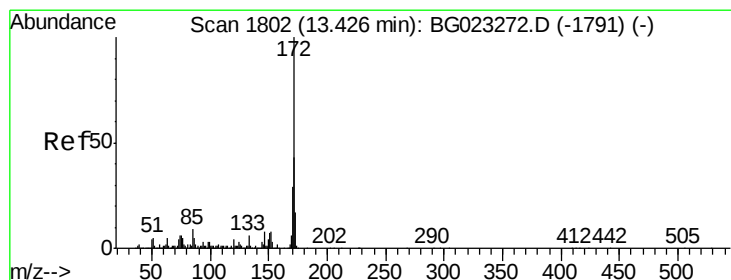
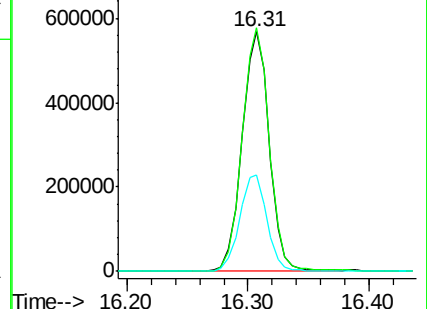
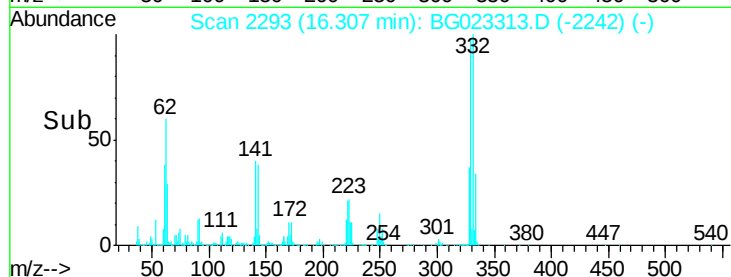
141 40.8 31.7 47.5



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: 96.97 ng

RT: 13.42 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BG023313.D

Acq: 28 Jul 2016 19:06

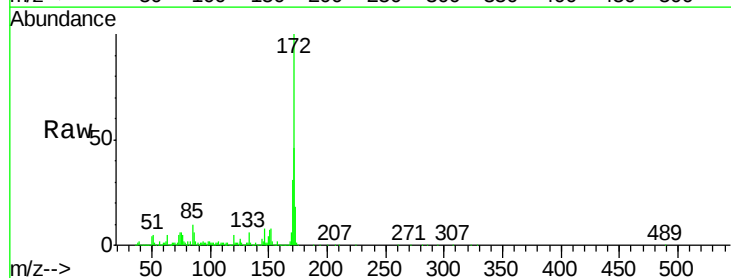
Tgt Ion:172 Resp: 2739526

Ion Ratio Lower Upper

172 100

171 45.7 31.6 47.4

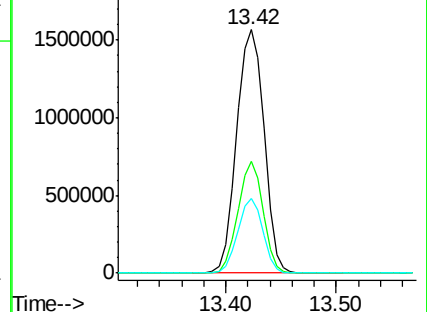
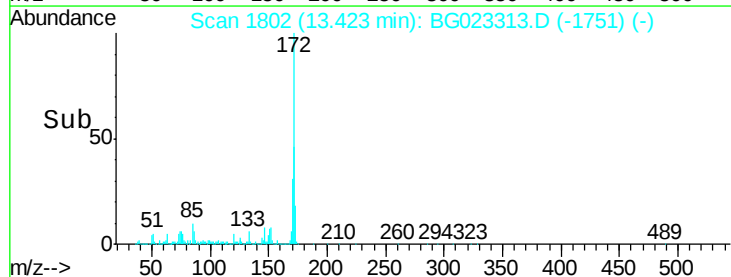
170 30.6 21.3 31.9

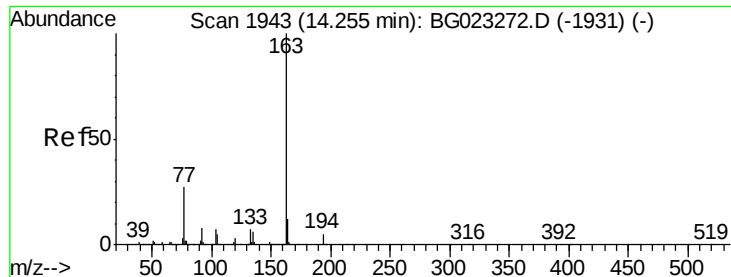


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.43 ng

RT: 14.25 min Scan# 1943

Delta R.T. 0.00 min

Lab File: BG023313.D

Acq: 28 Jul 2016 19:06

Instrument :

BNA_G

ClientSampleId :

GW-41-7.8-15.0

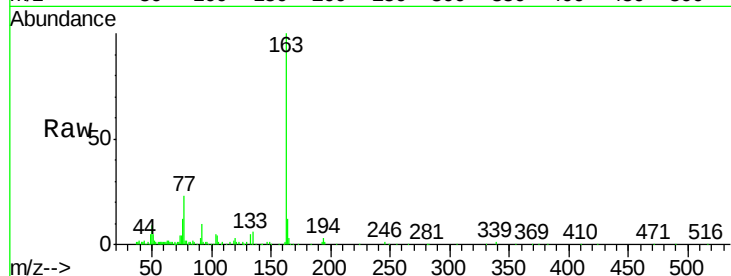
Tgt Ion:163 Resp: 94798

Ion Ratio Lower Upper

163 100

194 2.8 3.6 5.4#

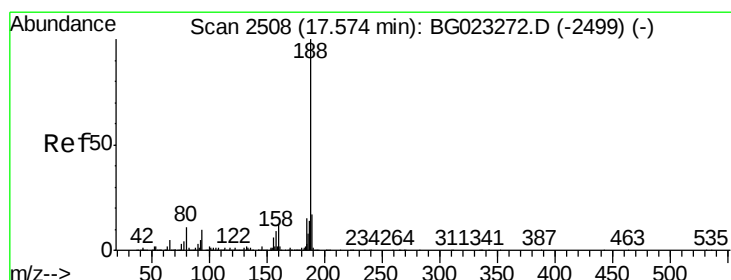
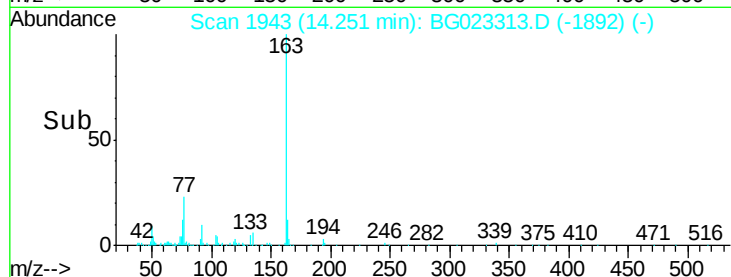
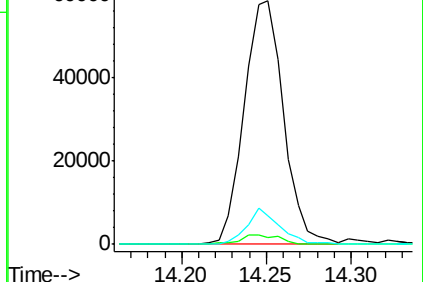
164 11.8 8.1 12.1



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: 17.57 min Scan# 2508

Delta R.T. -0.00 min

Lab File: BG023313.D

Acq: 28 Jul 2016 19:06

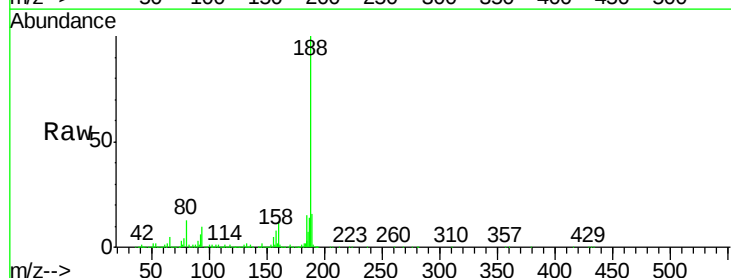
Tgt Ion:188 Resp: 1229265

Ion Ratio Lower Upper

188 100

94 10.1 5.2 7.8#

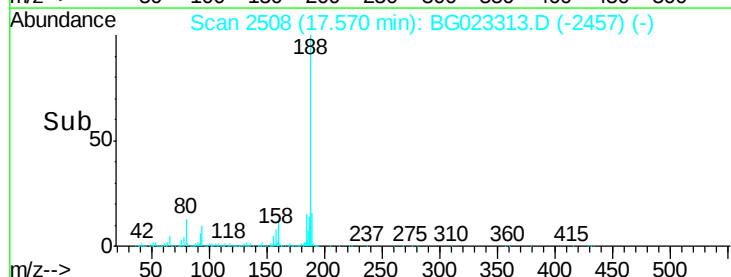
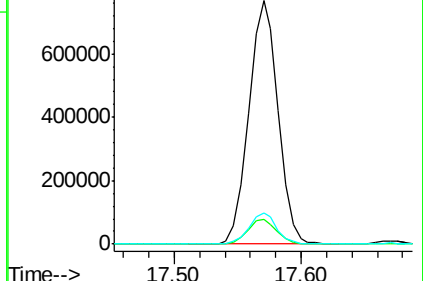
80 12.7 7.2 10.8#

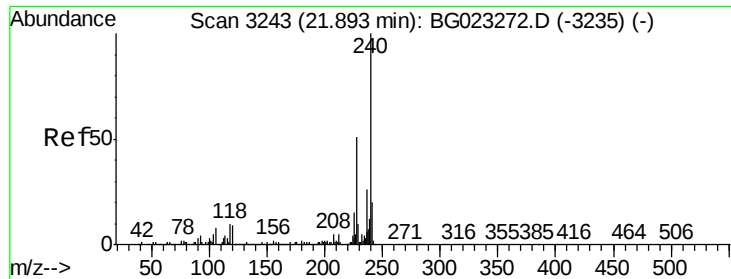


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.89 min Scan# 3243

Delta R.T. -0.00 min

Lab File: BG023313.D

Acq: 28 Jul 2016 19:06

Instrument :

BNA_G

ClientSampleId :

GW-41-7.8-15.0

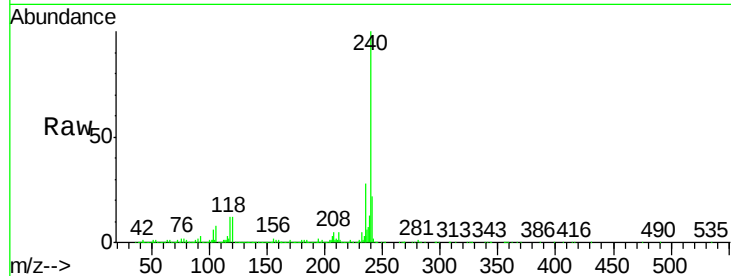
Tgt Ion:240 Resp: 1238770

Ion Ratio Lower Upper

240 100

120 11.9 4.1 6.1#

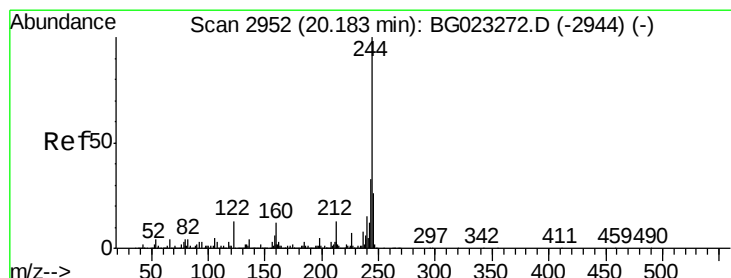
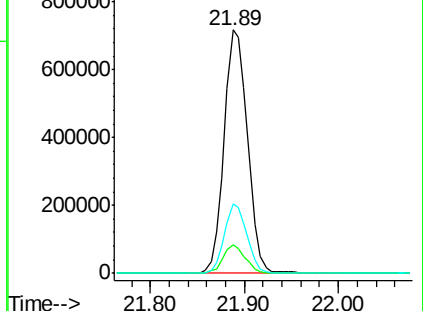
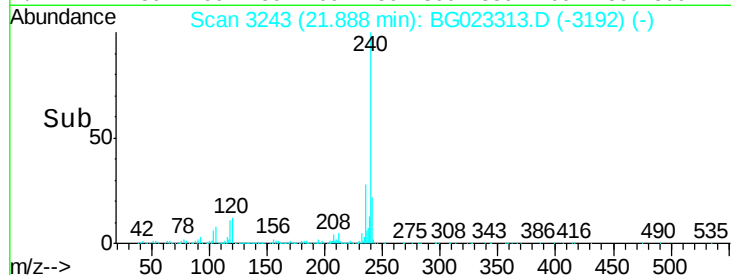
236 28.5 21.1 31.7



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: 76.12 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BG023313.D

Acq: 28 Jul 2016 19:06

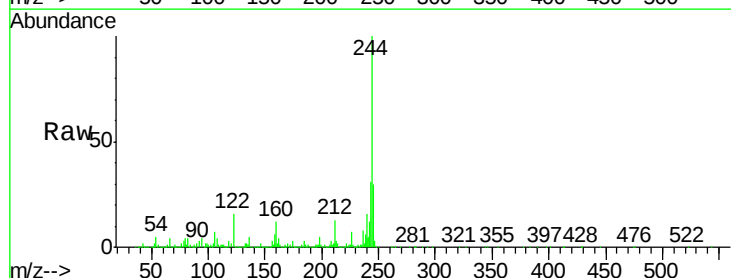
Tgt Ion:244 Resp: 2900772

Ion Ratio Lower Upper

244 100

212 13.4 10.8 16.2

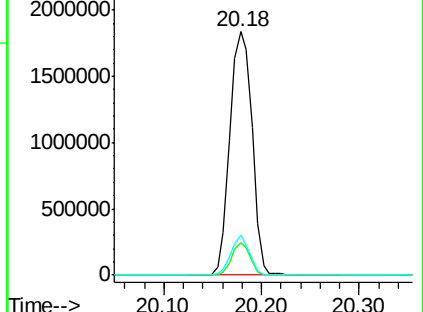
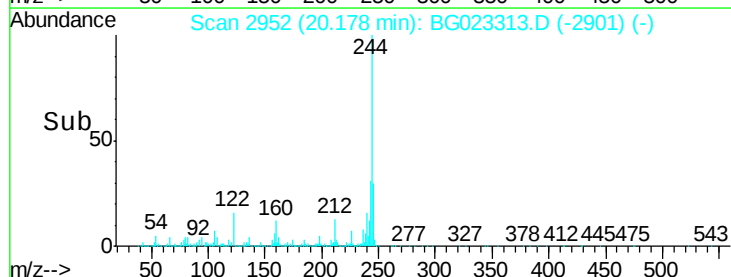
122 16.4 8.0 12.0#

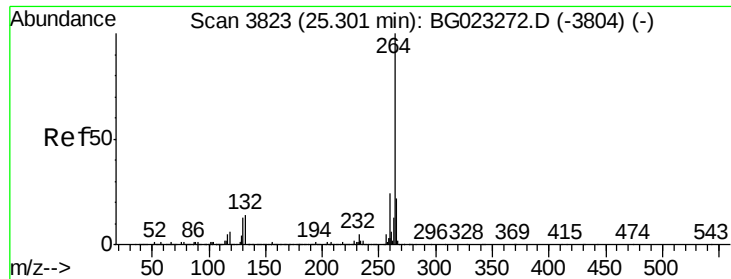


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.30 min Scan# 3824
Delta R.T. -0.00 min
Lab File: BG023313.D
Acq: 28 Jul 2016 19:06

Instrument :
BNA_G
ClientSampleId :
GW-41-7.8-15.0

Tgt Ion:264 Resp: 1259132
Ion Ratio Lower Upper
264 100
260 23.7 18.4 27.6
265 23.2 18.9 28.3

