

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072716\
 Data File : BG023287.D
 Acq On : 27 Jul 2016 17:42
 Operator : UM/SJ
 Sample : H4152-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-16-7.0-15.0

Quant Time: Jul 28 02:26:16 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

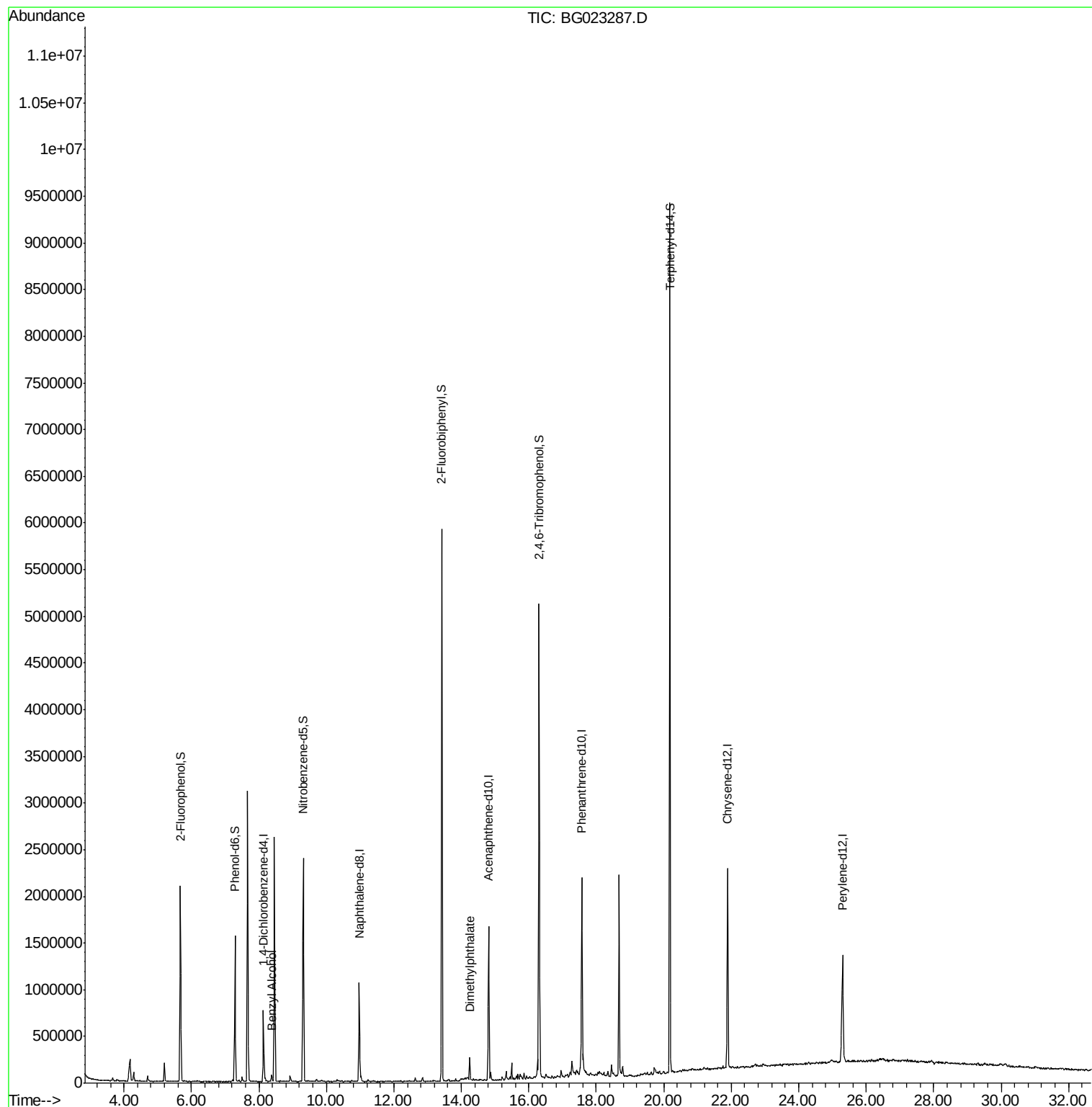
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	204878	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	890550	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	560334	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1262371	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1275084	20.00	ng	0.00
86) Perylene-d12	25.30	264	1183893	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	902071	75.17	ng	0.00
7) Phenol-d6	7.29	99	963924	52.32	ng	0.00
23) Nitrobenzene-d5	9.31	82	1475371	81.02	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	830791	143.25	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2803588	93.64	ng	0.00
78) Terphenyl-d14	20.18	244	3150318	80.31	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.38	79	29579	2.39	ng	# 86
49) Dimethylphthalate	14.25	163	158608	3.84	ng	# 99

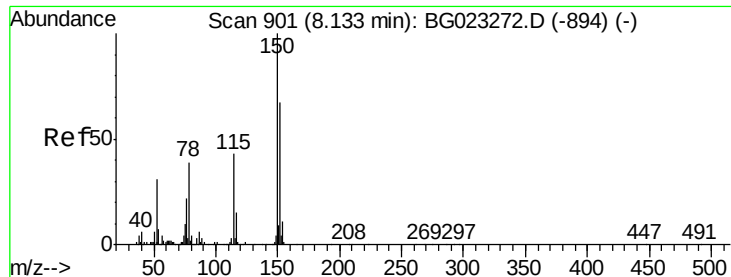
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG023287.D

Acq: 27 Jul 2016 17:42

Instrument :

BNA_G

ClientSampleId :

GW-16-7.0-15.0

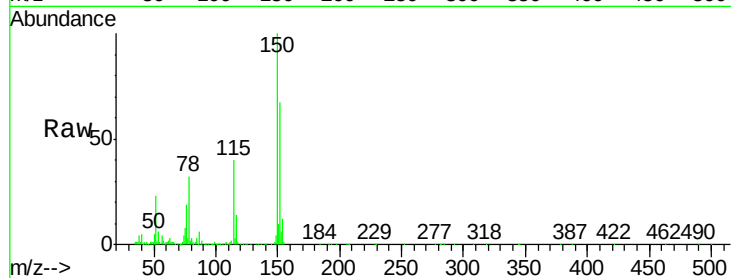
Tot Ion:152 Resp: 204878

Ion Ratio Lower Upper

152 100

150 149.1 144.7 217.1

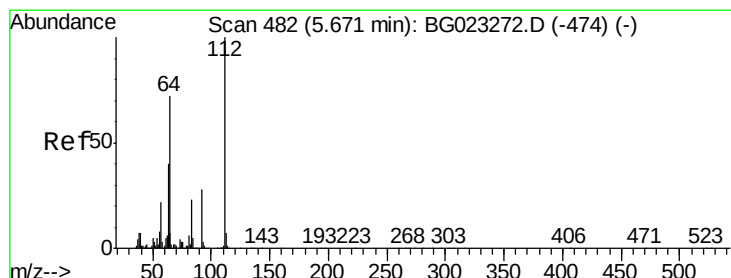
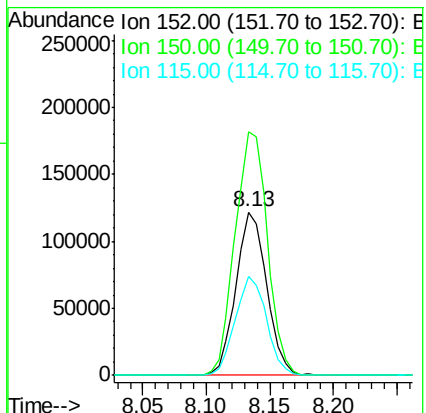
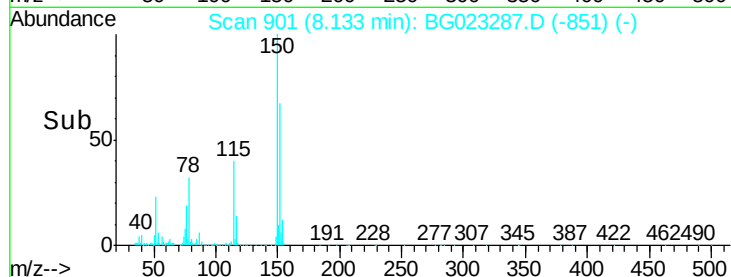
115 60.3 64.0 96.0#



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: 75.17 ng

RT: 5.67 min Scan# 482

Delta R.T. -0.00 min

Lab File: BG023287.D

Acq: 27 Jul 2016 17:42

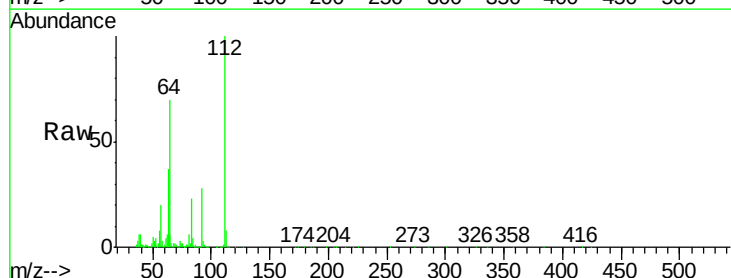
Tgt Ion:112 Resp: 902071

Ion Ratio Lower Upper

112 100

64 69.9 59.0 88.4

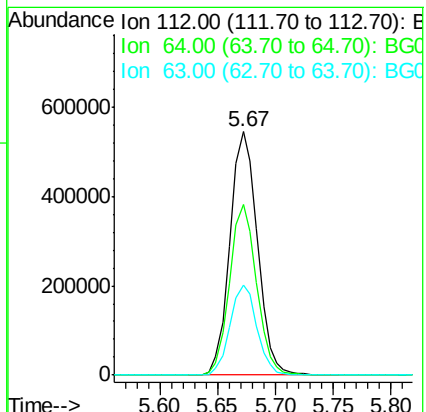
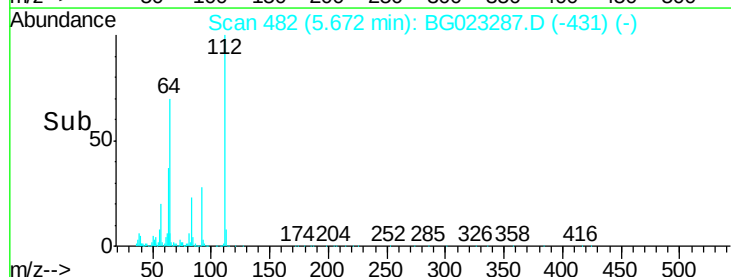
63 36.9 37.8 56.8#

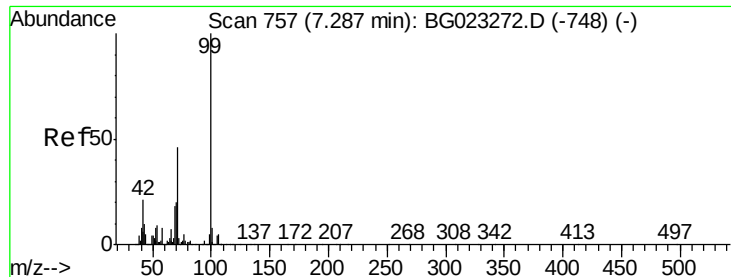


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 52.32 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG023287.D

Acq: 27 Jul 2016 17:42

Instrument :

BNA_G

ClientSampleId :

GW-16-7.0-15.0

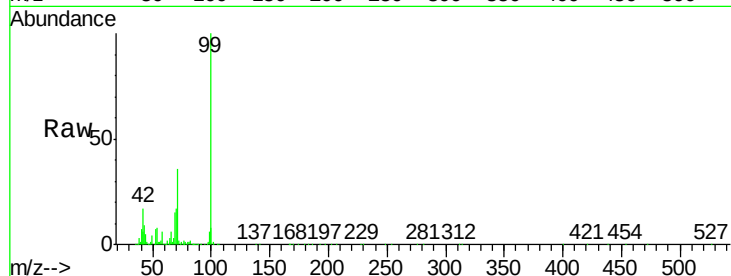
Tot Ion: 99 Resp: 963924

Ion Ratio Lower Upper

99 100

42 17.0 17.8 26.6#

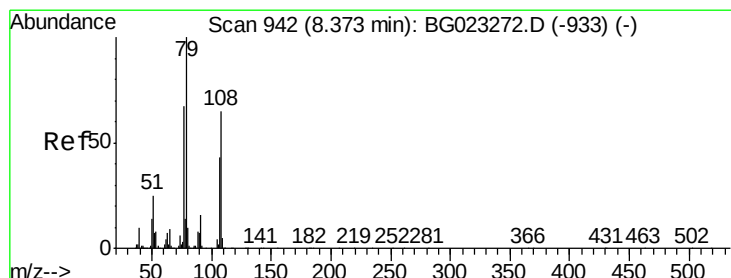
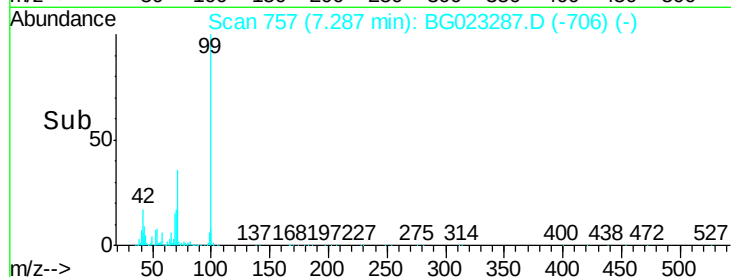
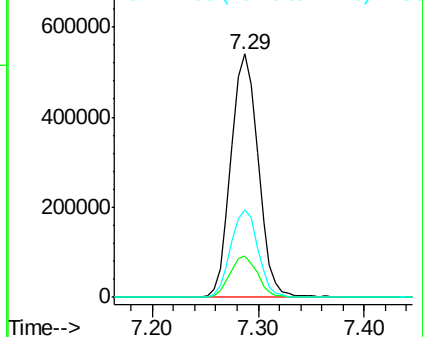
71 36.2 41.5 62.3#



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: 2.39 ng

RT: 8.38 min Scan# 943

Delta R.T. -0.00 min

Lab File: BG023287.D

Acq: 27 Jul 2016 17:42

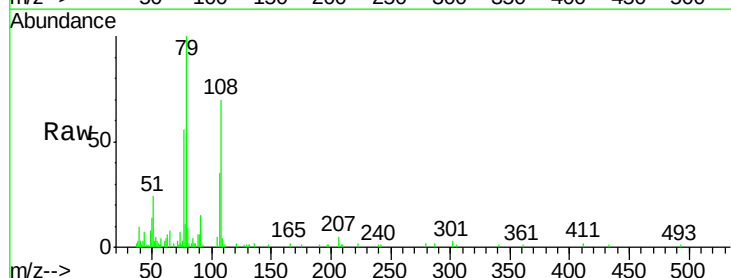
Tgt Ion: 79 Resp: 29579

Ion Ratio Lower Upper

79 100

108 70.0 46.5 69.7#

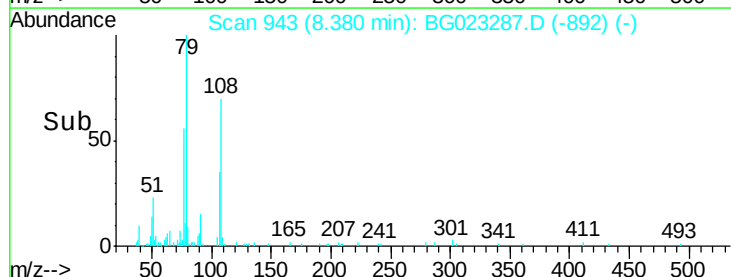
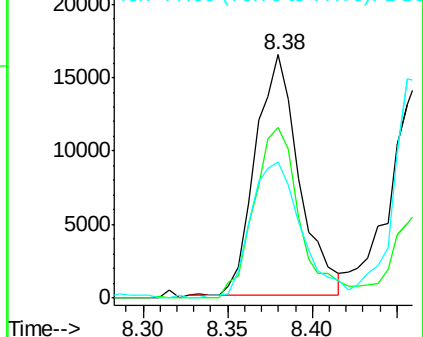
77 55.9 52.3 78.5

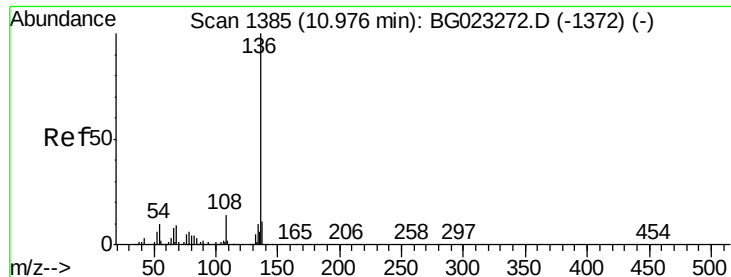


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

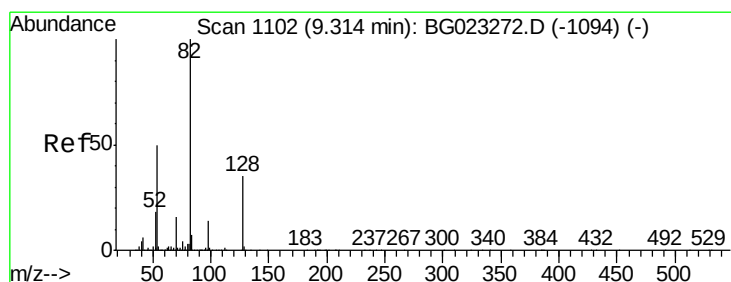
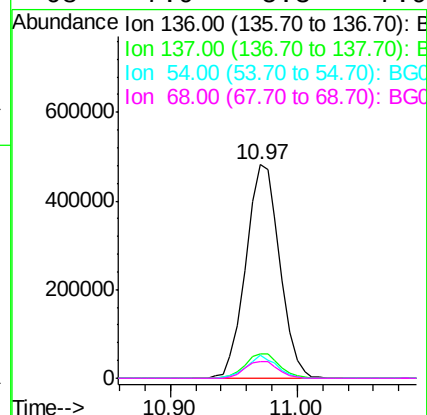
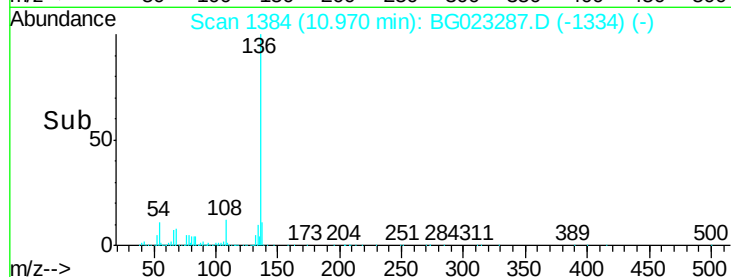
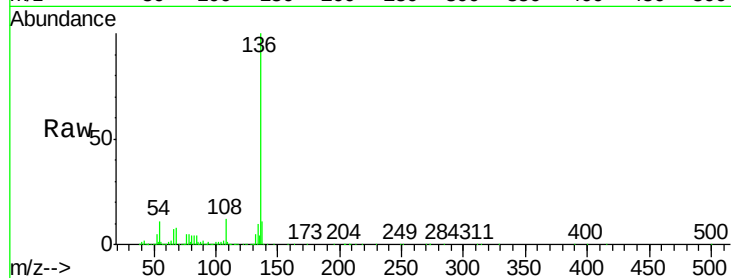




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BG023287.D
Acq: 27 Jul 2016 17:42

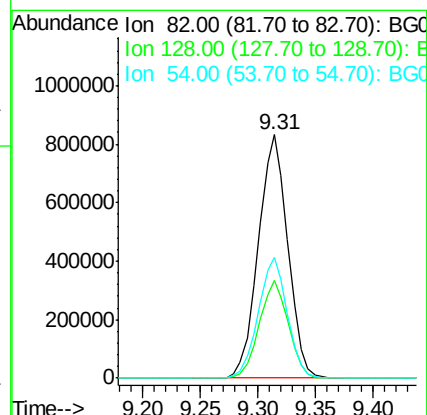
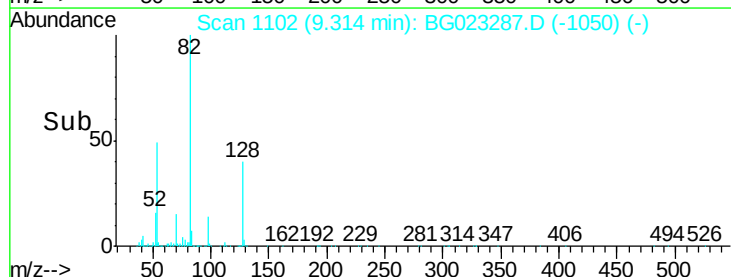
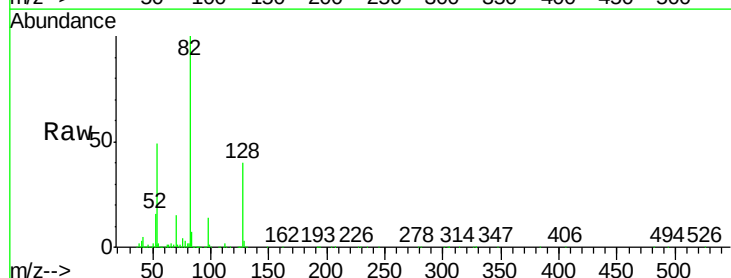
Instrument :
BNA_G
ClientSampleId :
GW-16-7.0-15.0

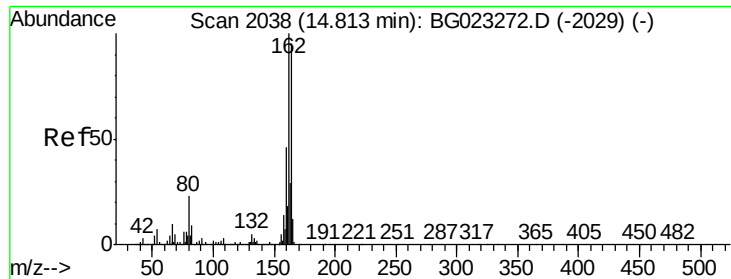
Tot Ion:136	Resp:	890550
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.6 14.4
54	10.9	7.3 10.9
68	7.9	5.3 7.9#



#23
Nitrobenzene-d5
Concen: 81.02 ng
RT: 9.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BG023287.D
Acq: 27 Jul 2016 17:42

Tgt Ion: 82	Resp:	1475371
Ion Ratio	Lower	Upper
82	100	
128	40.2	24.4 36.6#
54	49.4	41.4 62.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BG023287.D

Acq: 27 Jul 2016 17:42

Instrument :

BNA_G

ClientSampleId :

GW-16-7.0-15.0

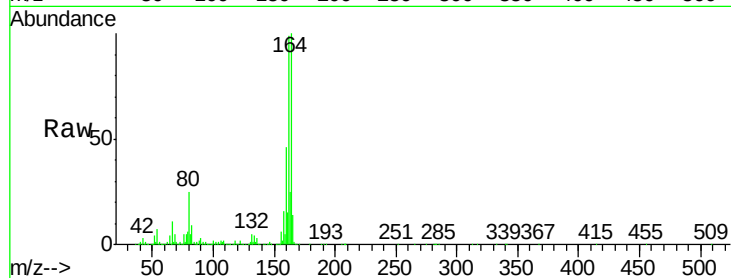
Tot Ion:164 Resp: 560334

Ion Ratio Lower Upper

164 100

162 99.3 87.7 131.5

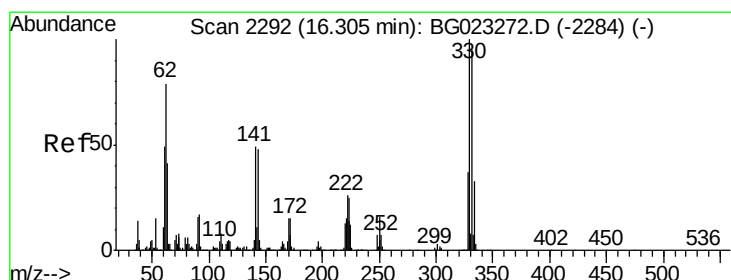
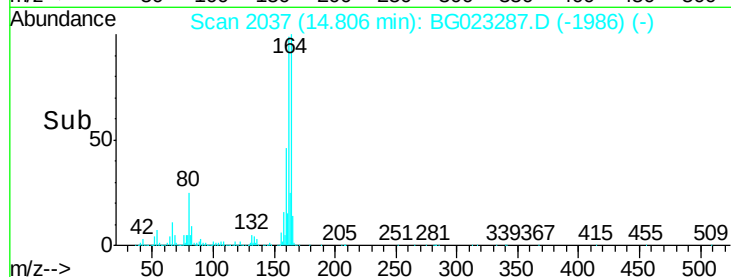
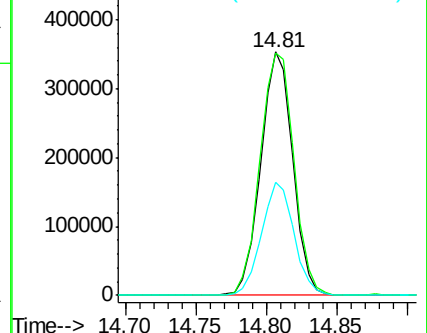
160 46.2 37.2 55.8



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: 143.25 ng

RT: 16.30 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BG023287.D

Acq: 27 Jul 2016 17:42

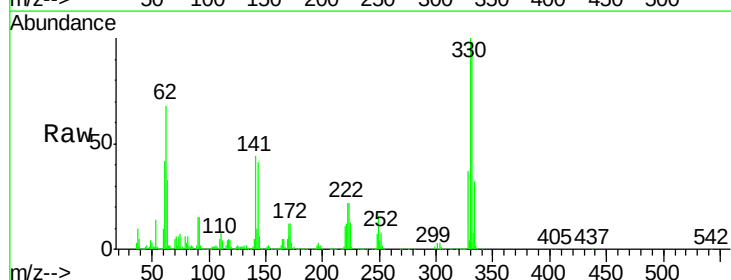
Tgt Ion:330 Resp: 830791

Ion Ratio Lower Upper

330 100

332 98.9 77.4 116.2

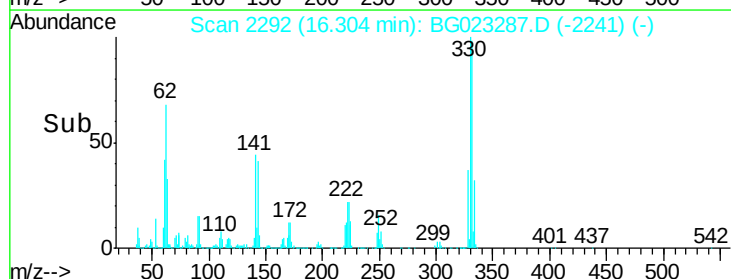
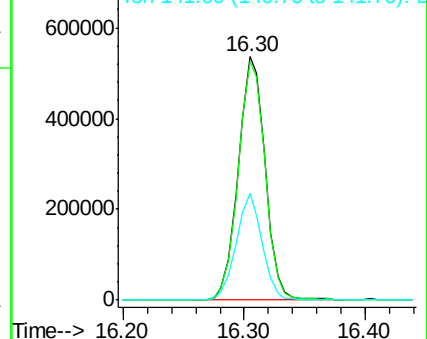
141 42.7 31.7 47.5

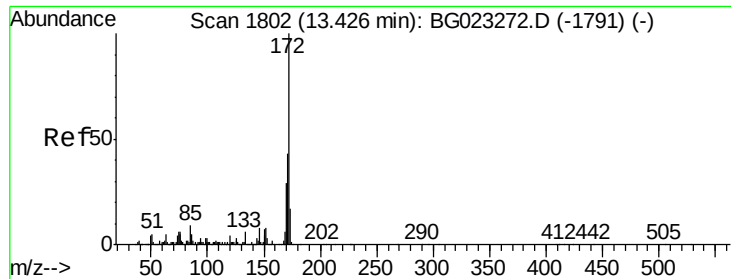


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

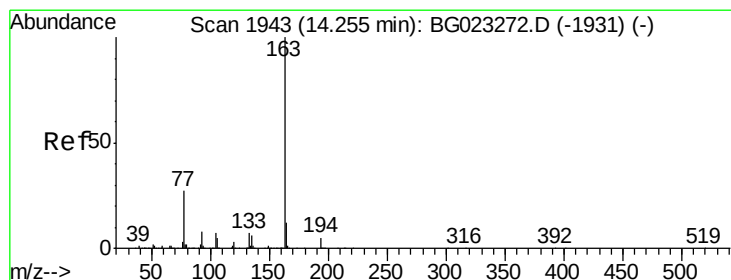
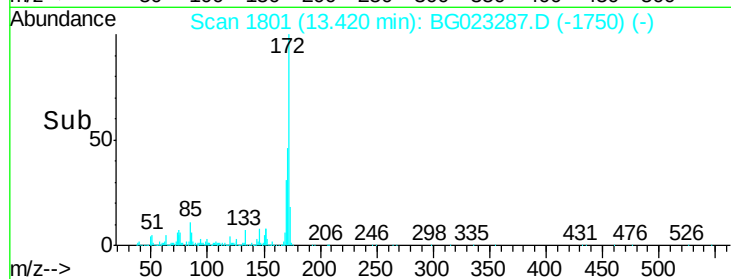
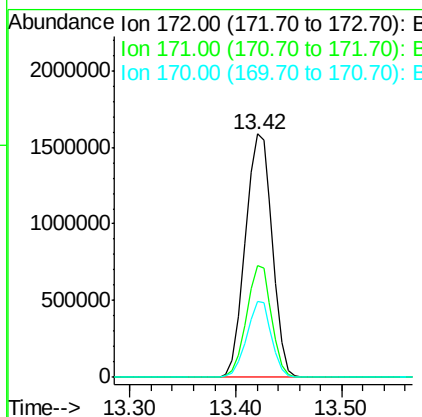
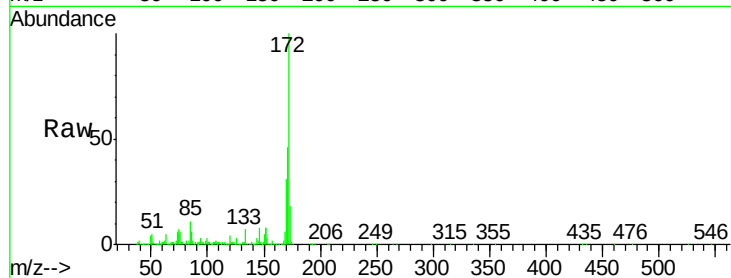




#44
2-Fluorobiphenyl
Concen: 93.64 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG023287.D
Acq: 27 Jul 2016 17:42

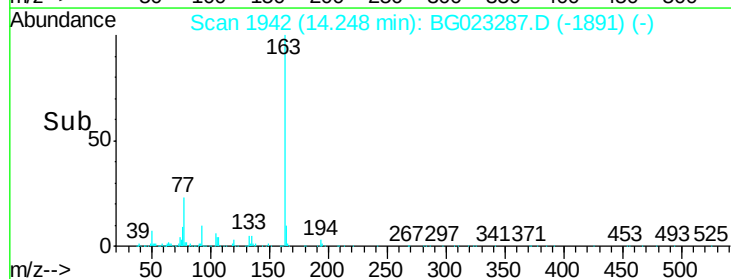
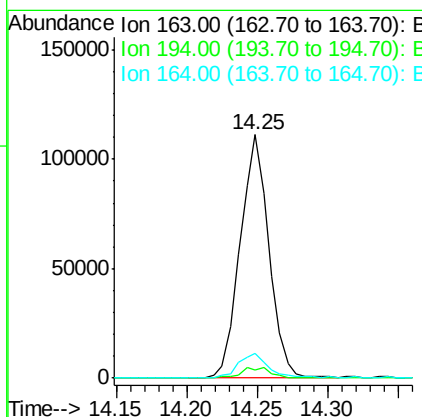
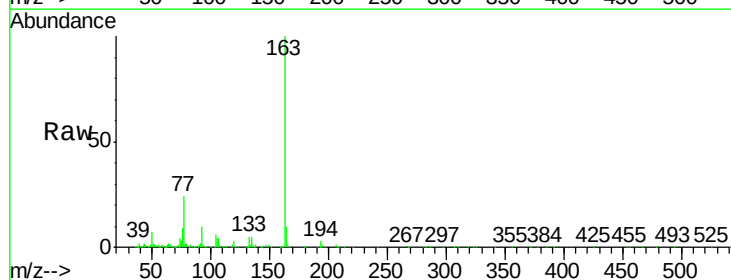
Instrument :
BNA_G
ClientSampleId :
GW-16-7.0-15.0

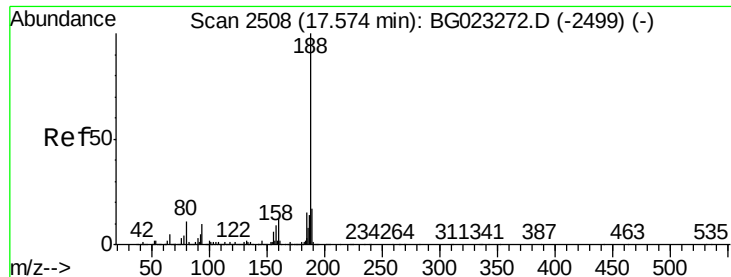
Tot Ion:172 Resp: 2803588
Ion Ratio Lower Upper
172 100
171 45.7 31.6 47.4
170 31.2 21.3 31.9



#49
Dimethylphthalate
Concen: 3.84 ng
RT: 14.25 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BG023287.D
Acq: 27 Jul 2016 17:42

Tgt Ion:163 Resp: 158608
Ion Ratio Lower Upper
163 100
194 3.5 3.6 5.4#
164 10.4 8.1 12.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG023287.D

Acq: 27 Jul 2016 17:42

Instrument :

BNA_G

ClientSampleId :

GW-16-7.0-15.0

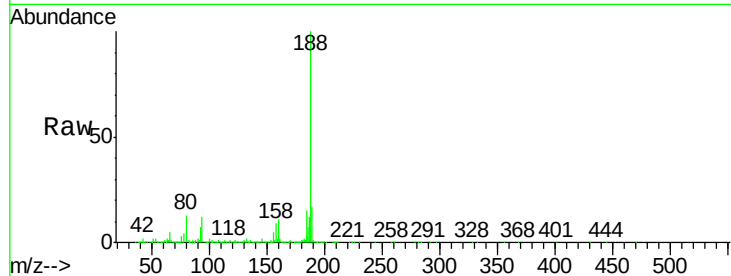
Tot Ion:188 Resp: 1262371

Ion Ratio Lower Upper

188 100

94 11.6 5.2 7.8#

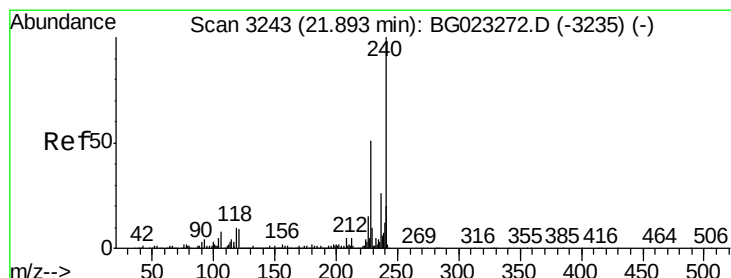
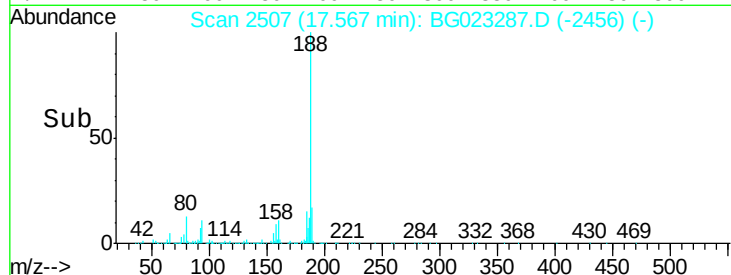
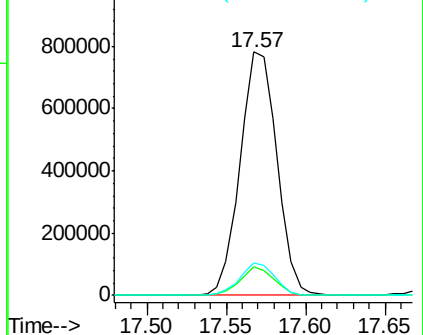
80 13.2 7.2 10.8#



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: BG023287.D

Acq: 27 Jul 2016 17:42

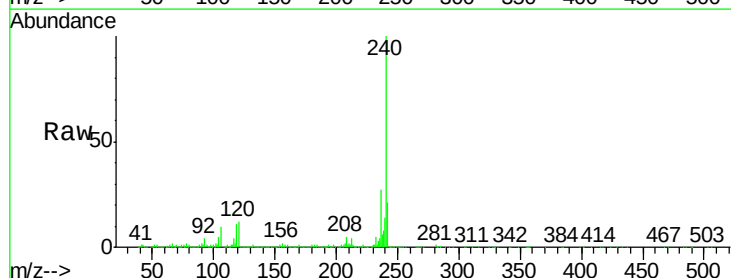
Tgt Ion:240 Resp: 1275084

Ion Ratio Lower Upper

240 100

120 12.3 4.1 6.1#

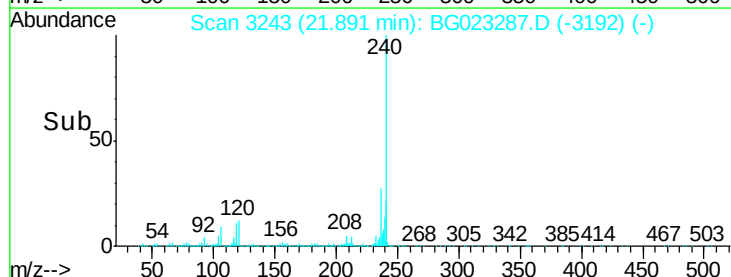
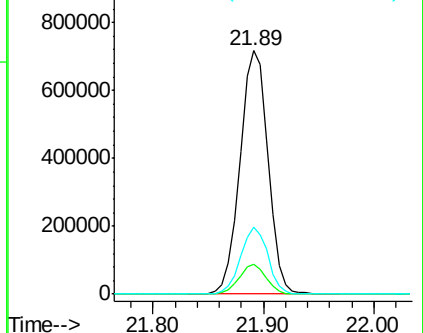
236 27.4 21.1 31.7

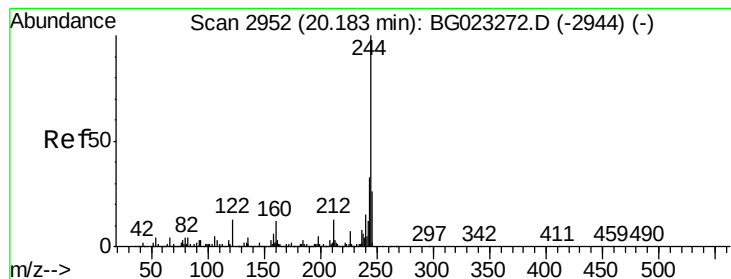


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.31 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BG023287.D

Acq: 27 Jul 2016 17:42

Instrument :

BNA_G

ClientSampleId :

GW-16-7.0-15.0

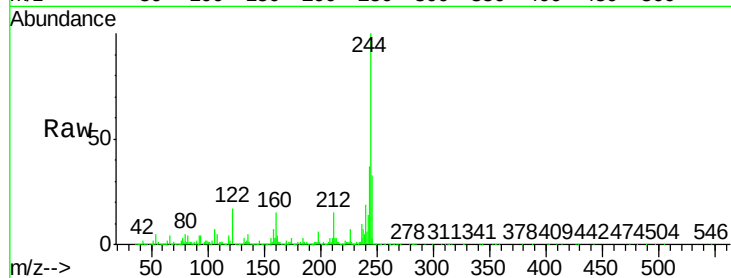
Tot Ion:244 Resp: 3150318

Ion Ratio Lower Upper

244 100

212 14.7 10.8 16.2

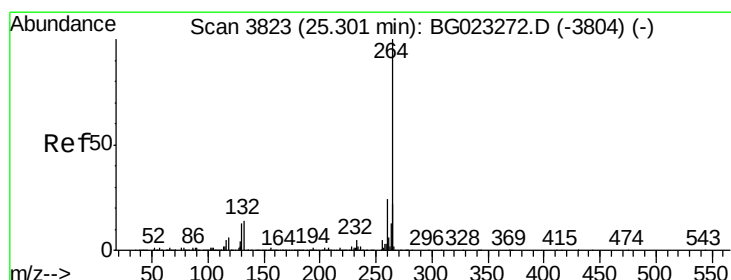
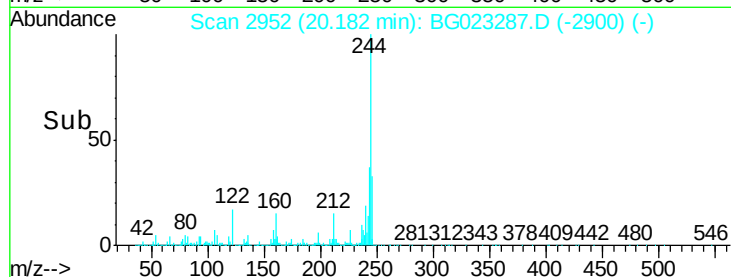
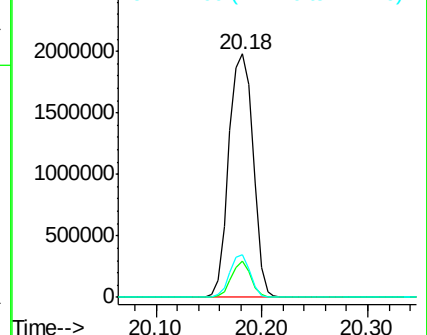
122 17.4 8.0 12.0#



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# 3823

Delta R.T. -0.00 min

Lab File: BG023287.D

Acq: 27 Jul 2016 17:42

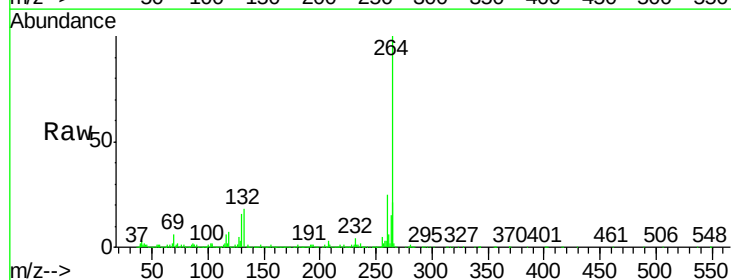
Tgt Ion:264 Resp: 1183893

Ion Ratio Lower Upper

264 100

260 25.1 18.4 27.6

265 21.5 18.9 28.3



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

