

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072716\
 Data File : BG023301.D
 Acq On : 28 Jul 2016 3:00
 Operator : UM/SJ
 Sample : H4152-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-14-7.0-15.0

Quant Time: Jul 28 03:39:31 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

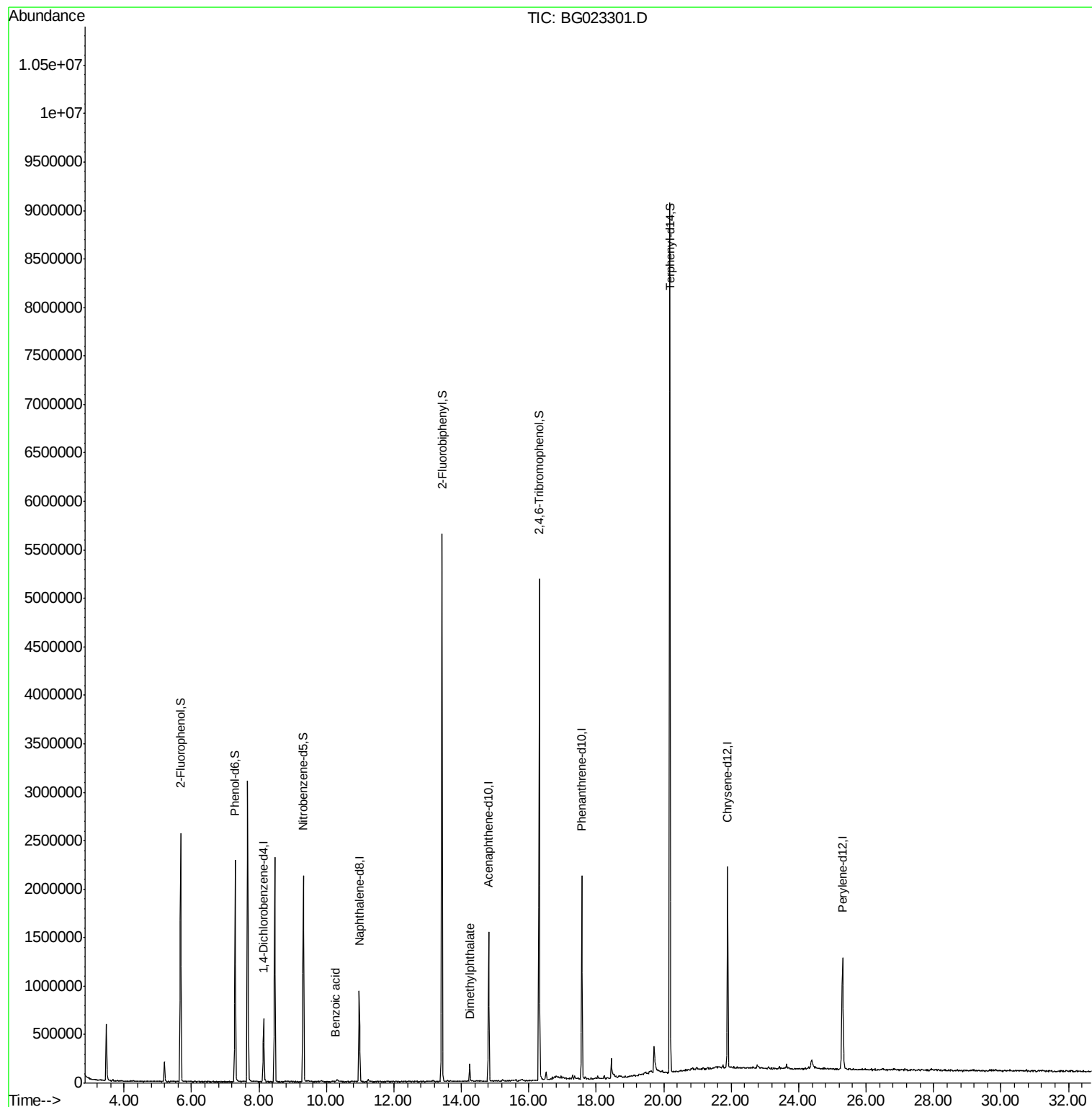
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	182598	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	787675	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	538282	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1243010	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1231202	20.00	ng	0.00
86) Perylene-d12	25.30	264	1237832	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1118209	104.54	ng	0.00
7) Phenol-d6	7.29	99	1389751	84.63	ng	0.00
23) Nitrobenzene-d5	9.31	82	1387274	86.13	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	936555	168.10	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2708267	94.17	ng	0.00
78) Terphenyl-d14	20.18	244	3262557	86.14	ng	0.00
Target Compounds						
32) Benzoic acid	10.27	122	110	8.12	ng	# 1
49) Dimethylphthalate	14.25	163	123978	3.12	ng	# 99

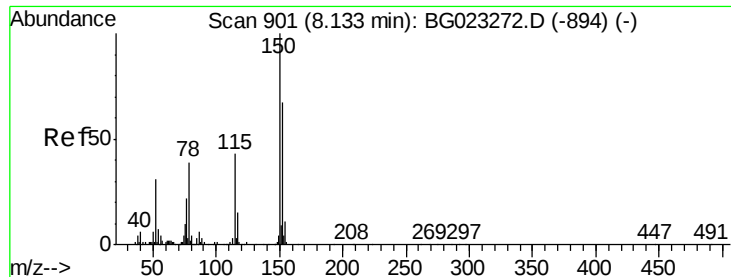
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG023301.D

Acq: 28 Jul 2016 3:00

Instrument :

BNA_G

ClientSampleId :

GW-14-7.0-15.0

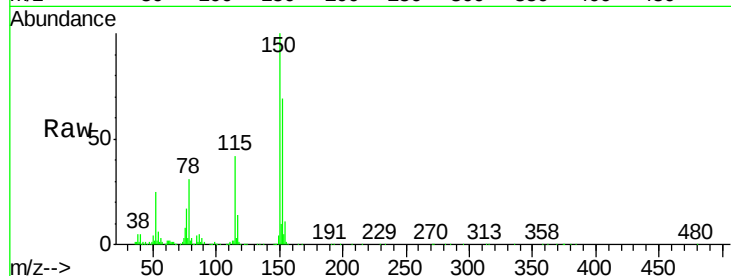
Tgt Ion:152 Resp: 182598

Ion Ratio Lower Upper

152 100

150 144.3 144.7 217.1#

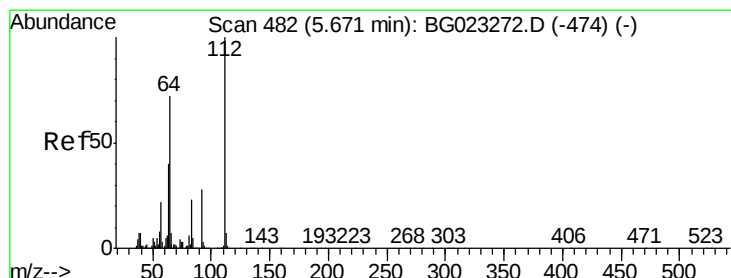
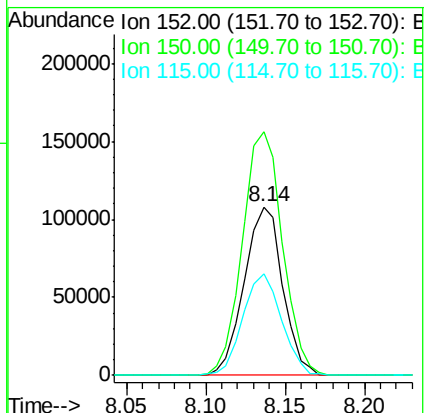
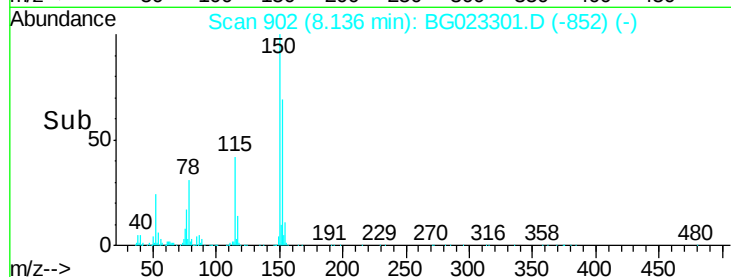
115 60.4 64.0 96.0#



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: 104.54 ng

RT: 5.67 min Scan# 483

Delta R.T. 0.00 min

Lab File: BG023301.D

Acq: 28 Jul 2016 3:00

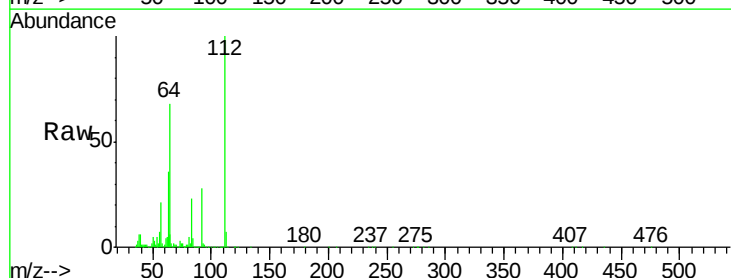
Tgt Ion:112 Resp: 1118209

Ion Ratio Lower Upper

112 100

64 67.8 59.0 88.4

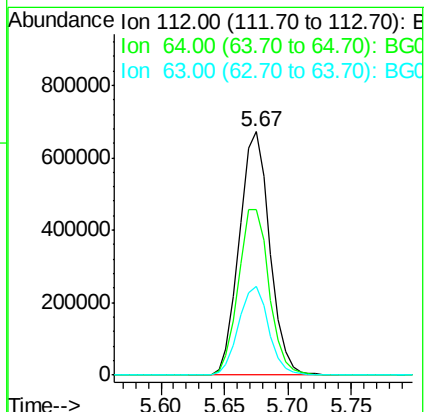
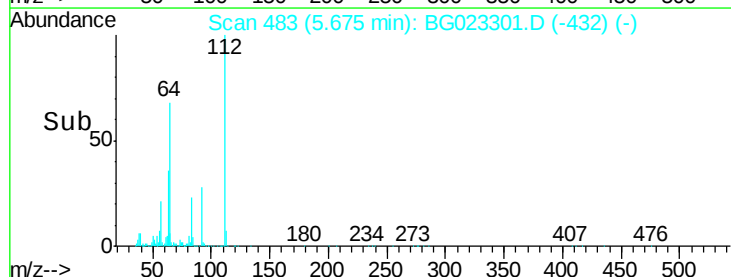
63 36.2 37.8 56.8#

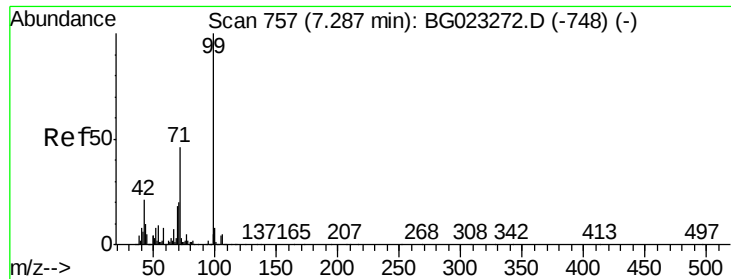


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 84.63 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG023301.D

Acq: 28 Jul 2016 3:00

Instrument :

BNA_G

ClientSampleId :

GW-14-7.0-15.0

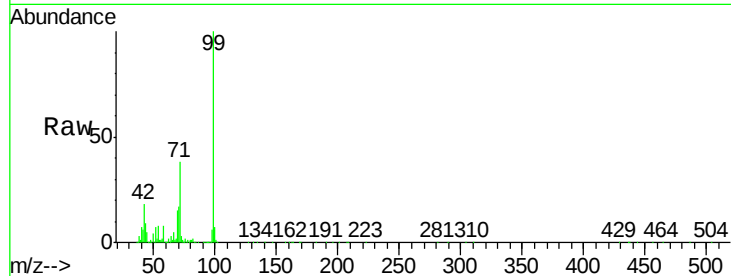
Tgt Ion: 99 Resp: 1389751

Ion Ratio Lower Upper

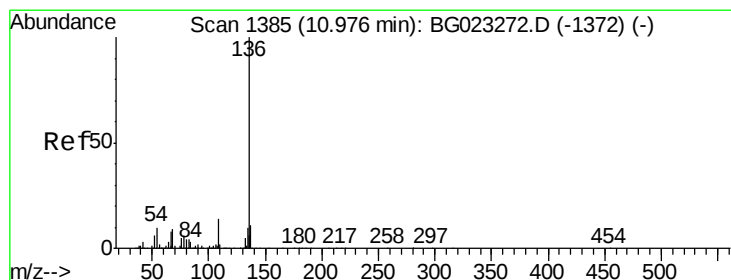
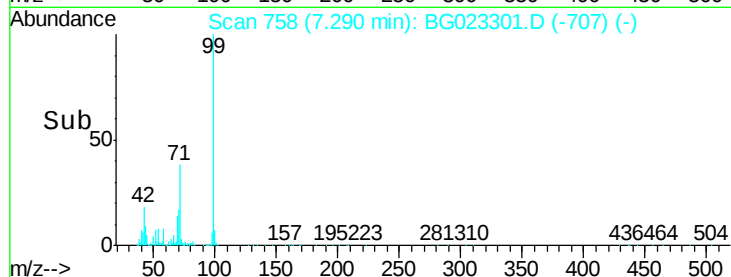
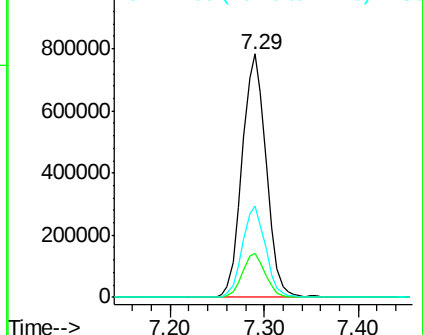
99 100

42 18.1 17.8 26.6

71 37.6 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.97 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BG023301.D

Acq: 28 Jul 2016 3:00

Tgt Ion: 136 Resp: 787675

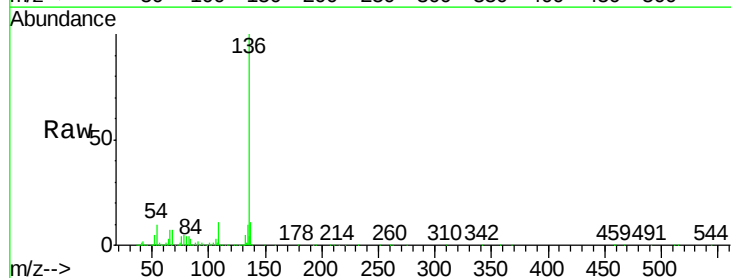
Ion Ratio Lower Upper

136 100

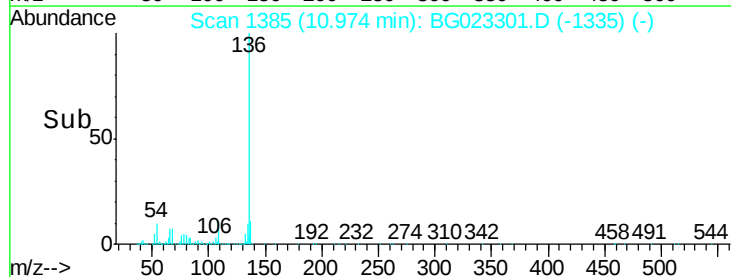
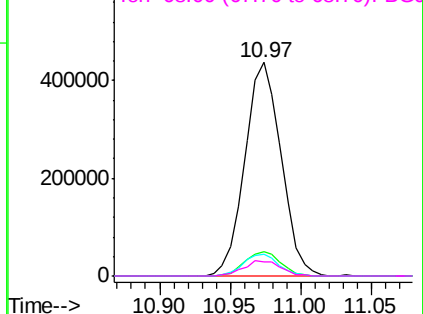
137 11.5 9.6 14.4

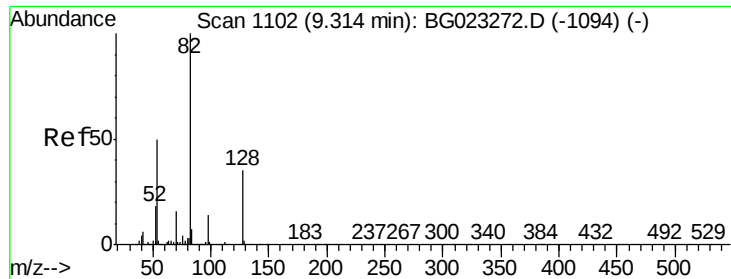
54 10.4 7.3 10.9

68 6.9 5.3 7.9



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

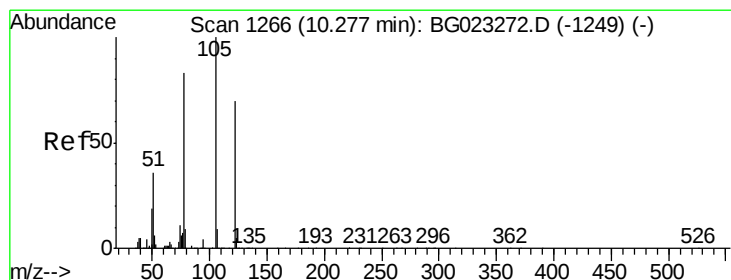
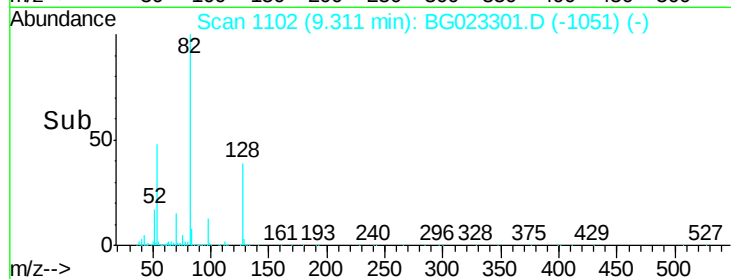
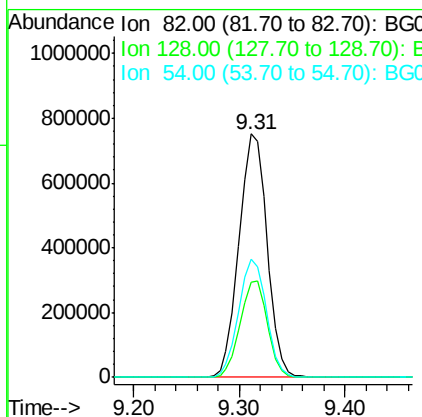
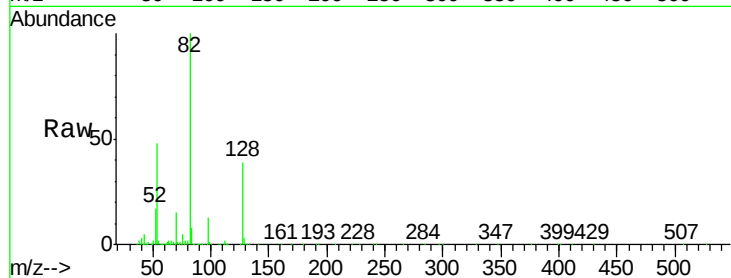




#23
 Nitrobenzene-d5
 Concen: 86.13 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BG023301.D
 Acq: 28 Jul 2016 3:00

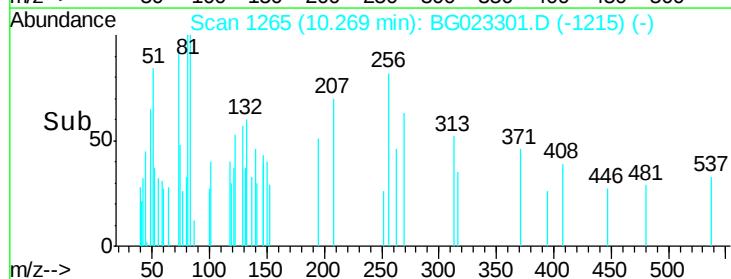
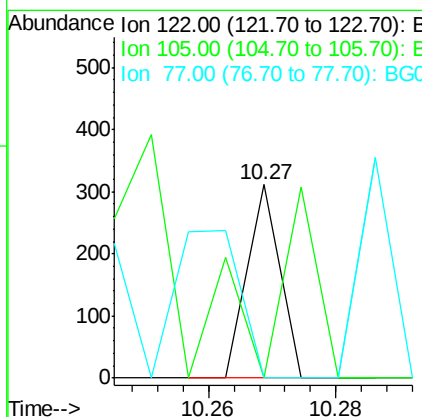
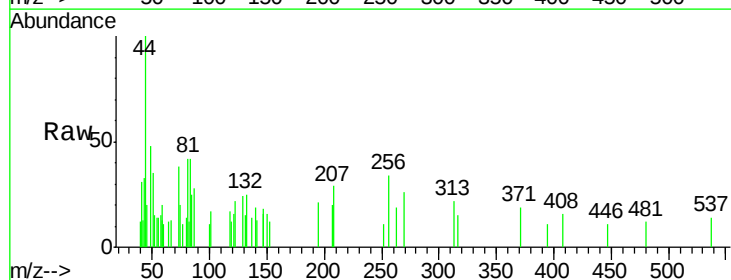
Instrument :
 BNA_G
 ClientSampleId :
 GW-14-7.0-15.0

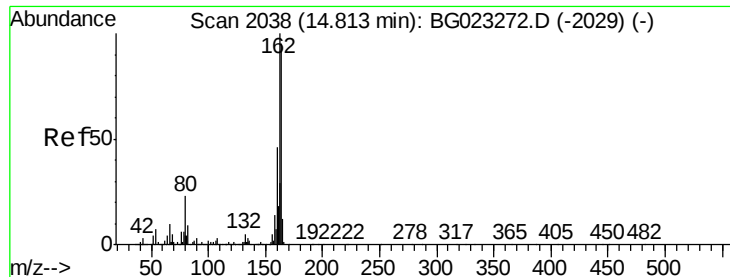
Tgt Ion: 82 Resp: 1387274
 Ion Ratio Lower Upper
 82 100
 128 38.9 24.4 36.6#
 54 48.3 41.4 62.0



#32
 Benzoic acid
 Concen: 8.12 ng
 RT: 10.27 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BG023301.D
 Acq: 28 Jul 2016 3:00

Tgt Ion: 122 Resp: 110
 Ion Ratio Lower Upper
 122 100
 105 0.0 117.2 157.2#
 77 0.0 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BG023301.D

Acq: 28 Jul 2016 3:00

Instrument :

BNA_G

ClientSampleId :

GW-14-7.0-15.0

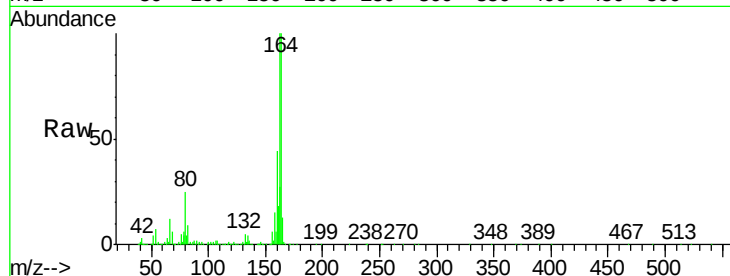
Tgt Ion:164 Resp: 538282

Ion Ratio Lower Upper

164 100

162 99.8 87.7 131.5

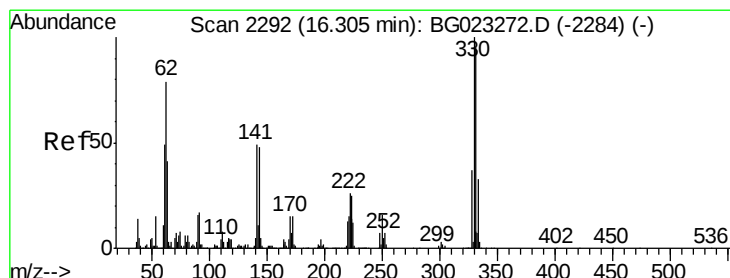
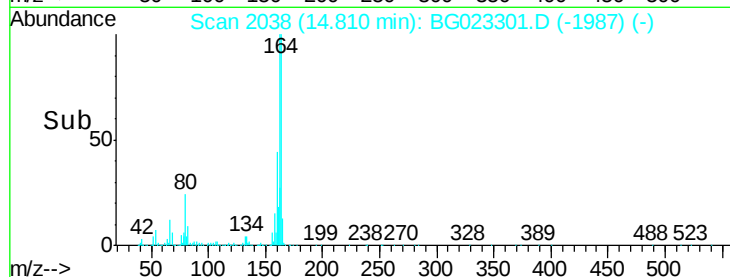
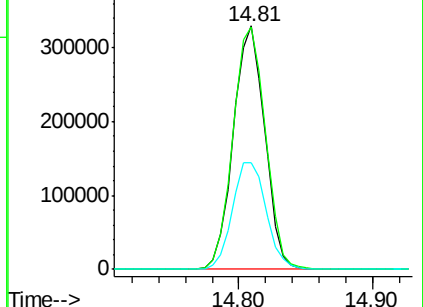
160 43.6 37.2 55.8



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: 168.10 ng

RT: 16.31 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BG023301.D

Acq: 28 Jul 2016 3:00

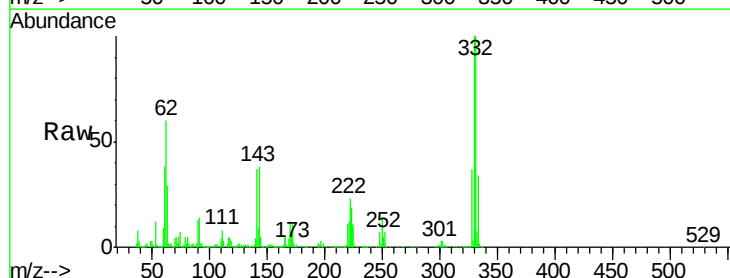
Tgt Ion:330 Resp: 936555

Ion Ratio Lower Upper

330 100

332 98.2 77.4 116.2

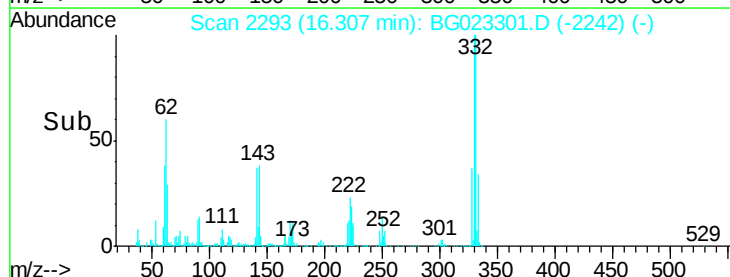
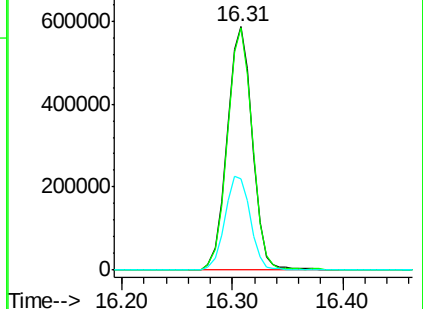
141 39.1 31.7 47.5

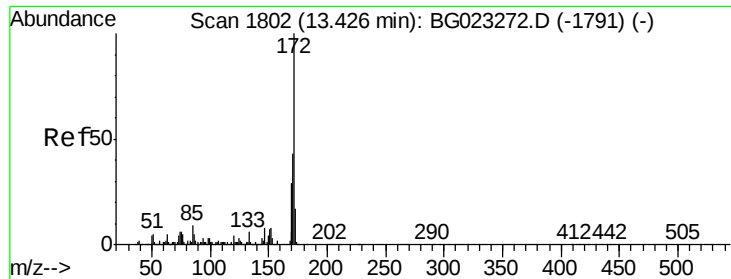


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

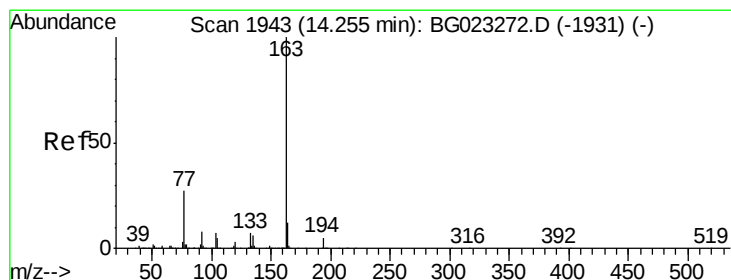
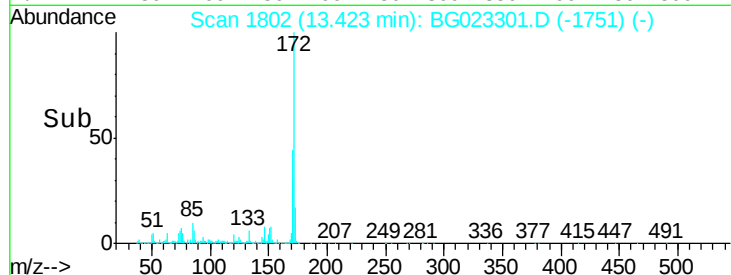
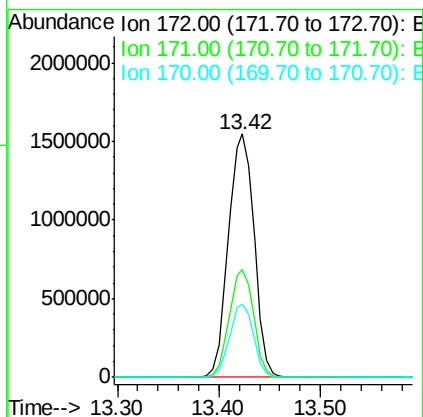
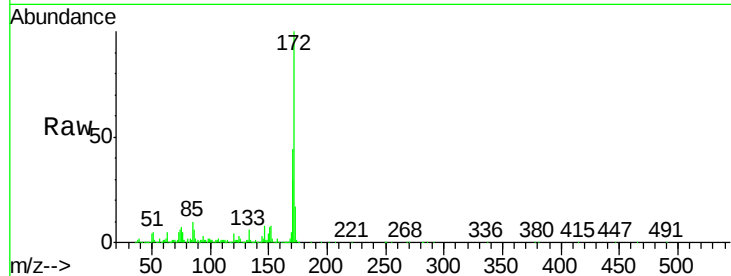




#44
2-Fluorobiphenyl
Concen: 94.17 ng
RT: 13.42 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BG023301.D
Acq: 28 Jul 2016 3:00

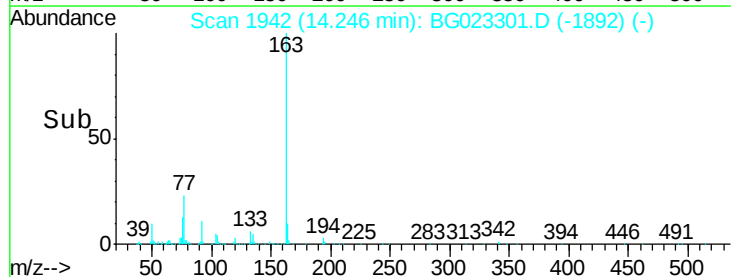
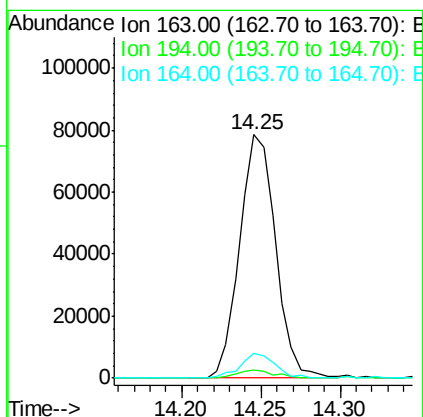
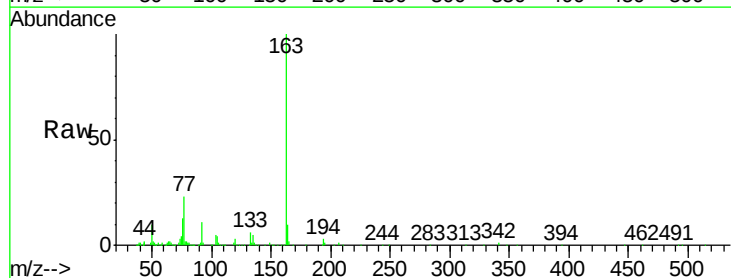
Instrument :
BNA_G
ClientSampleId :
GW-14-7.0-15.0

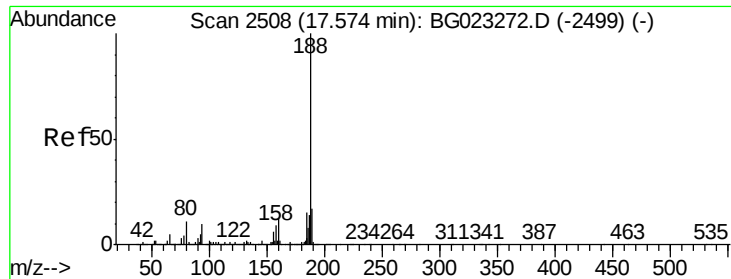
Tgt Ion:172 Resp: 2708267
Ion Ratio Lower Upper
172 100
171 44.4 31.6 47.4
170 30.4 21.3 31.9



#49
Dimethylphthalate
Concen: 3.12 ng
RT: 14.25 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BG023301.D
Acq: 28 Jul 2016 3:00

Tgt Ion:163 Resp: 123978
Ion Ratio Lower Upper
163 100
194 3.3 3.6 5.4#
164 10.0 8.1 12.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG023301.D

Acq: 28 Jul 2016 3:00

Instrument :

BNA_G

ClientSampleId :

GW-14-7.0-15.0

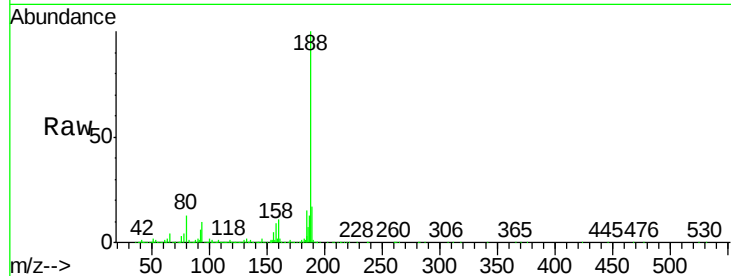
Tgt Ion:188 Resp: 1243010

Ion Ratio Lower Upper

188 100

94 10.2 5.2 7.8#

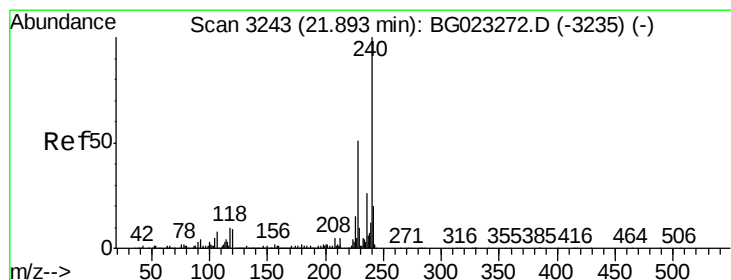
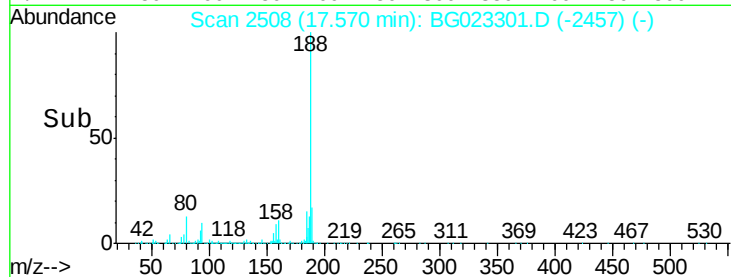
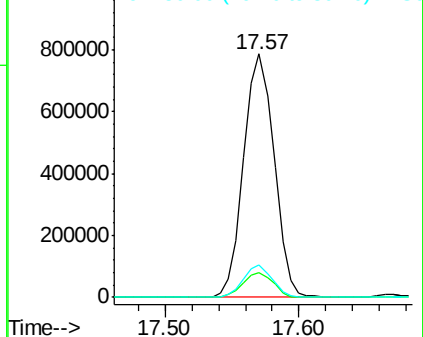
80 13.4 7.2 10.8#



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# 3244

Delta R.T. 0.01 min

Lab File: BG023301.D

Acq: 28 Jul 2016 3:00

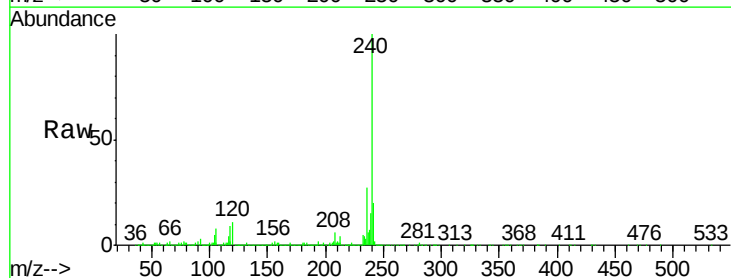
Tgt Ion:240 Resp: 1231202

Ion Ratio Lower Upper

240 100

120 11.2 4.1 6.1#

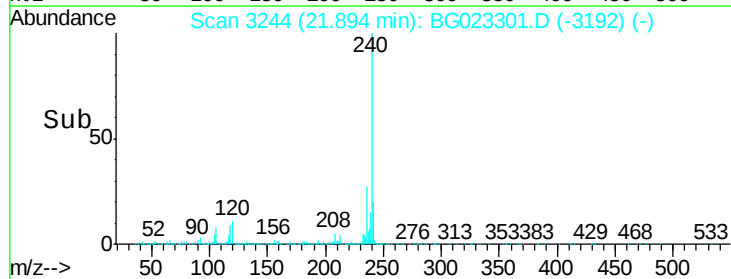
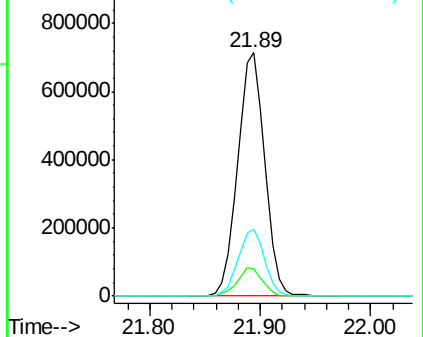
236 27.5 21.1 31.7

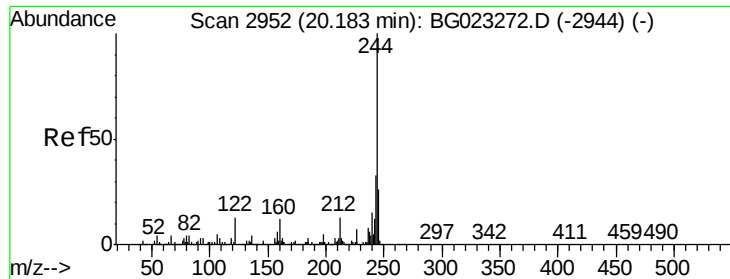


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.14 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BG023301.D

Acq: 28 Jul 2016 3:00

Instrument :

BNA_G

ClientSampleId :

GW-14-7.0-15.0

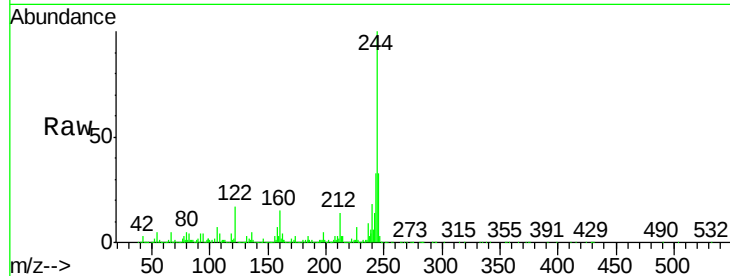
Tgt Ion:244 Resp: 3262557

Ion Ratio Lower Upper

244 100

212 14.1 10.8 16.2

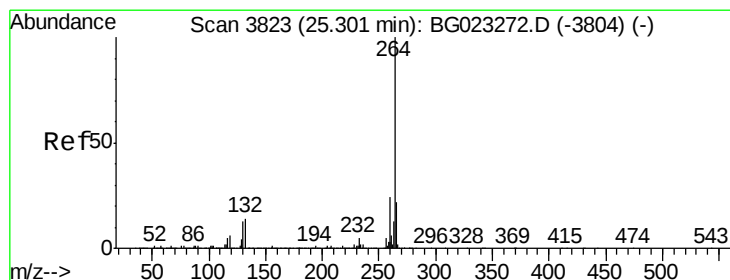
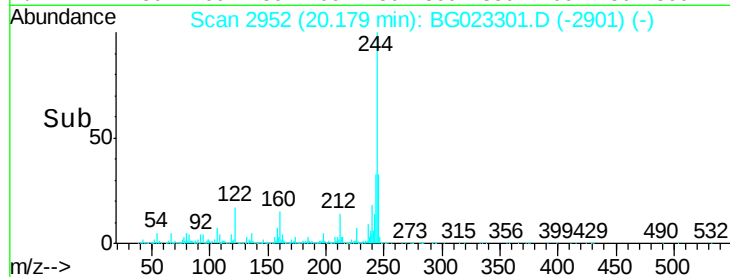
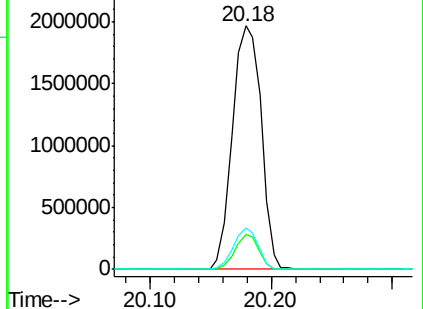
122 16.9 8.0 12.0#



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: BG023301.D

Acq: 28 Jul 2016 3:00

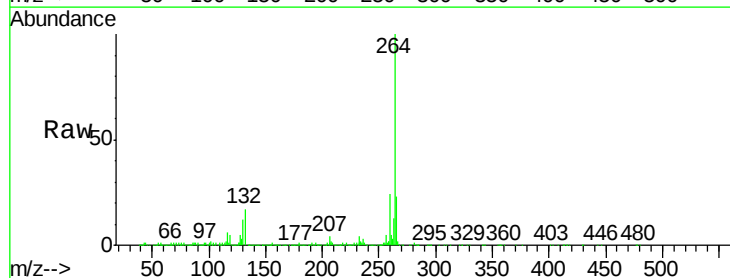
Tgt Ion:264 Resp: 1237832

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 22.7 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

