

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072816\
 Data File : BG023312.D
 Acq On : 28 Jul 2016 18:26
 Operator : UM/SJ
 Sample : H4205-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-40-5.0-15.0

Quant Time: Jul 29 01:08:41 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

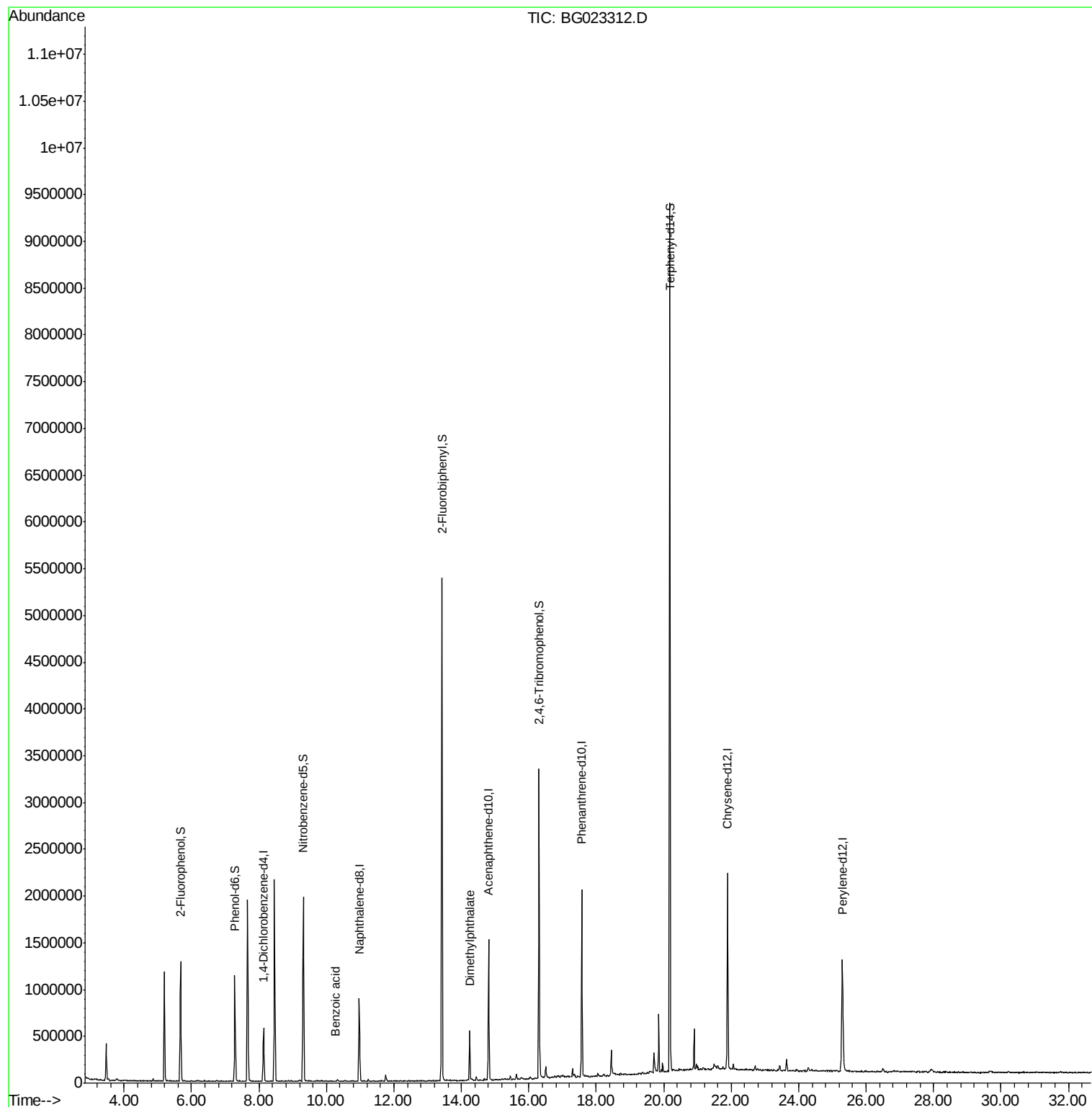
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	159013	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	734075	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	518336	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1200224	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1241147	20.00	ng	0.00
86) Perylene-d12	25.30	264	1245175	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	566726	60.84	ng	0.00
7) Phenol-d6	7.28	99	718038	50.21	ng	0.00
23) Nitrobenzene-d5	9.31	82	1256747	83.72	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	613145	114.29	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2591135	93.56	ng	0.00
78) Terphenyl-d14	20.18	244	3164319	82.88	ng	0.00
Target Compounds						
32) Benzoic acid	10.27	122	66	8.12	ng	Qvalue # 1
49) Dimethylphthalate	14.25	163	340196	8.89	ng	99

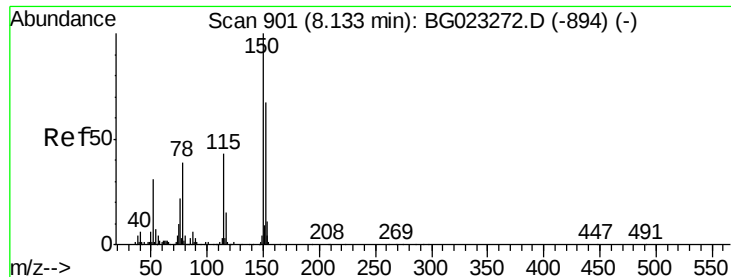
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072816\
Data File : BG023312.D
Acq On : 28 Jul 2016 18:26
Operator : UM/SJ
Sample : H4205-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GW-40-5.0-15.0

Quant Time: Jul 29 01:08:41 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



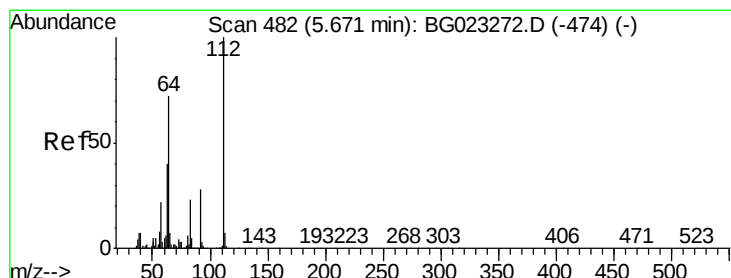
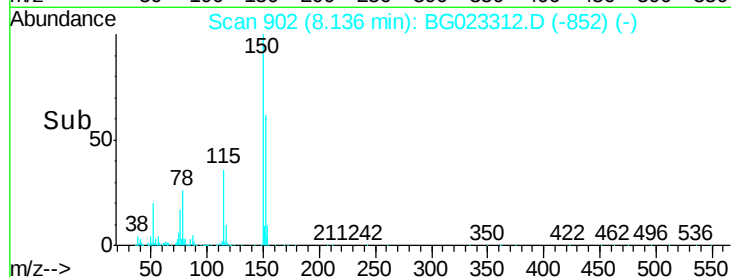
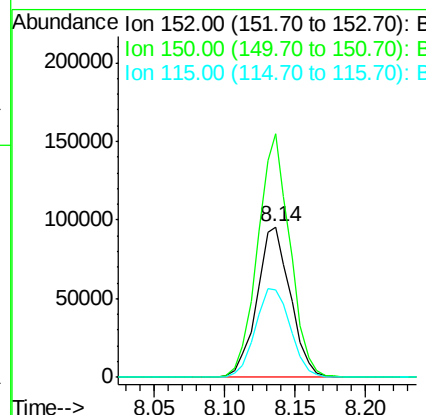
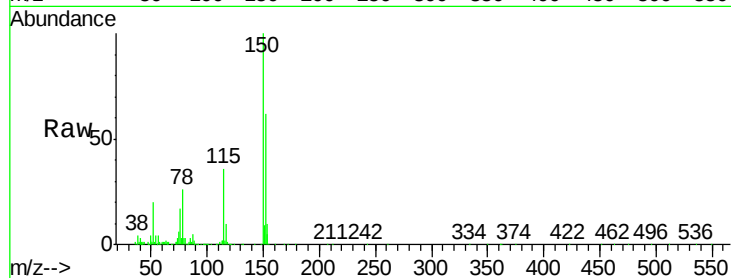


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 902
Delta R.T. -0.00 min
Lab File: BG023312.D
Acq: 28 Jul 2016 18:26

Instrument :
BNA_G
ClientSampleId :
GW-40-5.0-15.0

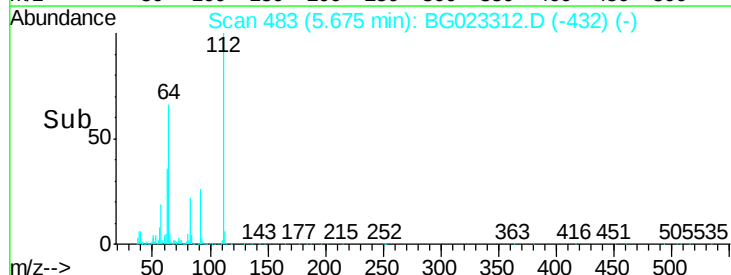
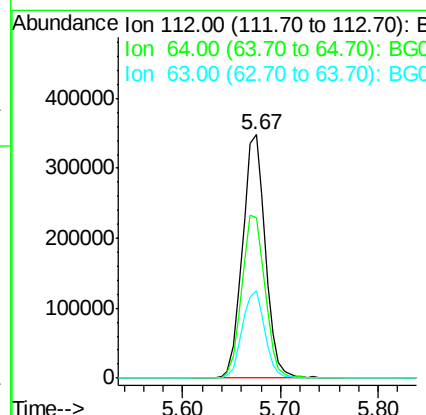
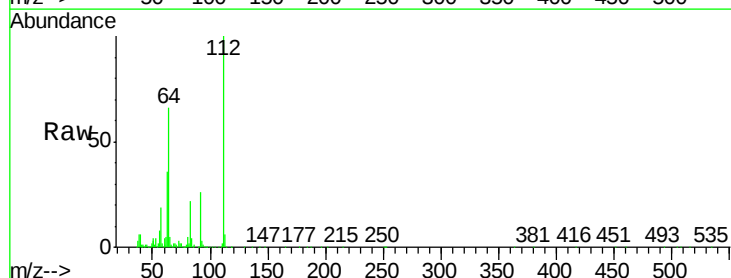
Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.9	144.7	217.1
115	58.4	64.0	96.0

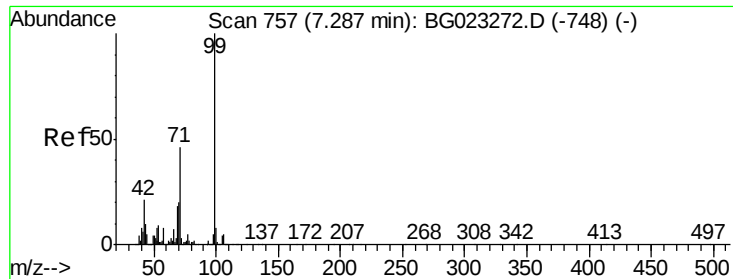


#5

2-Fluorophenol
Concen: 60.84 ng
RT: 5.67 min Scan# 483
Delta R.T. 0.00 min
Lab File: BG023312.D
Acq: 28 Jul 2016 18:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.1	59.0	88.4
63	35.8	37.8	56.8





#7

Phenol-d6

Concen: 50.21 ng

RT: 7.28 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG023312.D

Acq: 28 Jul 2016 18:26

Instrument :

BNA_G

ClientSampleId :

GW-40-5.0-15.0

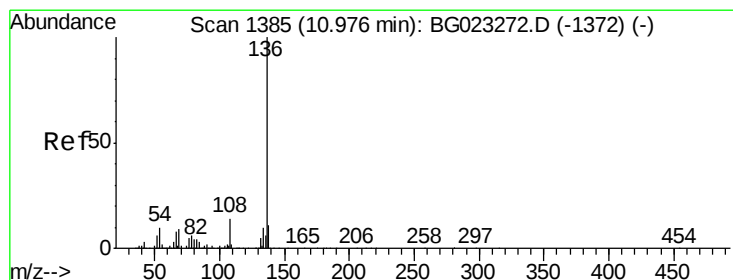
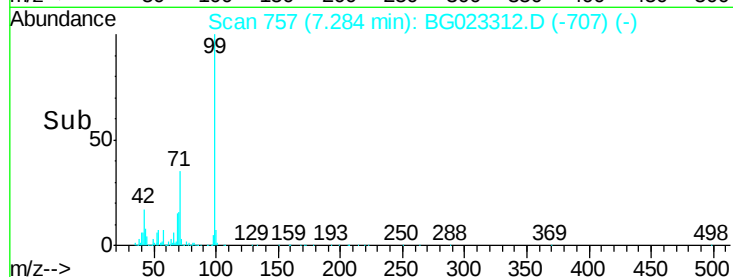
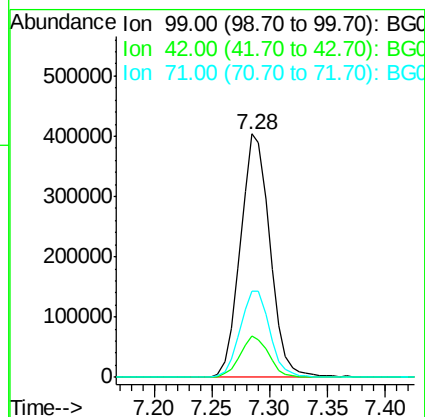
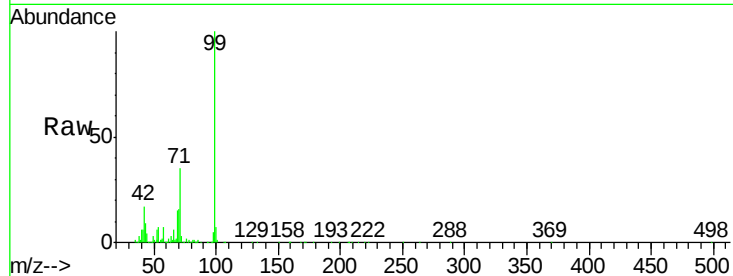
Tgt Ion: 99 Resp: 718038

Ion Ratio Lower Upper

99 100

42 17.2 17.8 26.6#

71 35.3 41.5 62.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.97 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BG023312.D

Acq: 28 Jul 2016 18:26

Tgt Ion: 136 Resp: 734075

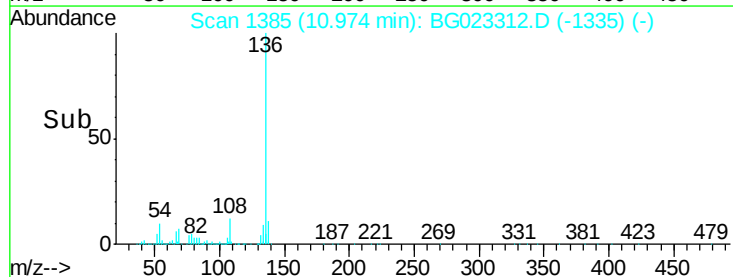
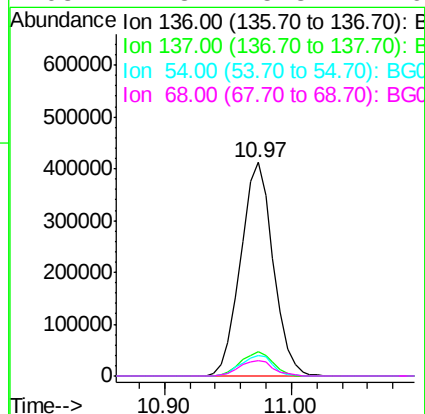
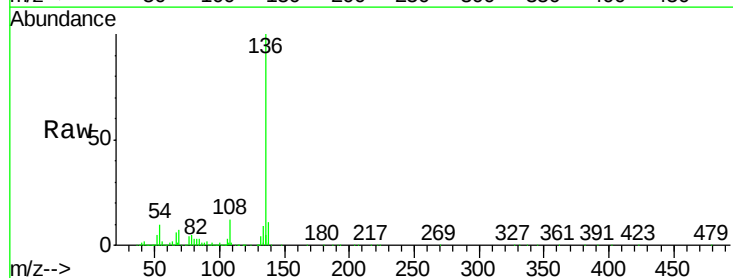
Ion Ratio Lower Upper

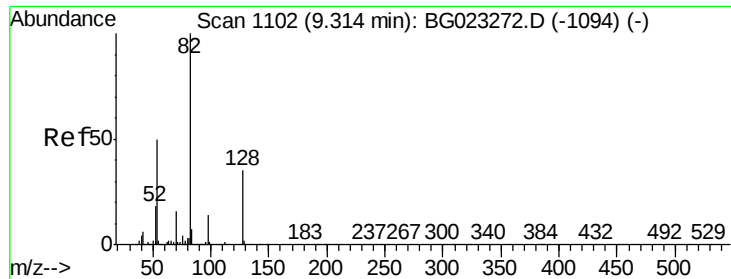
136 100

137 11.4 9.6 14.4

54 9.7 7.3 10.9

68 7.3 5.3 7.9

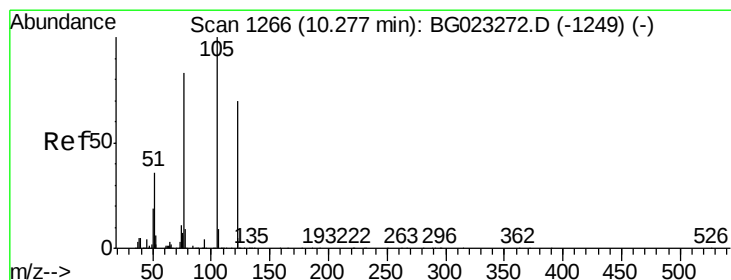
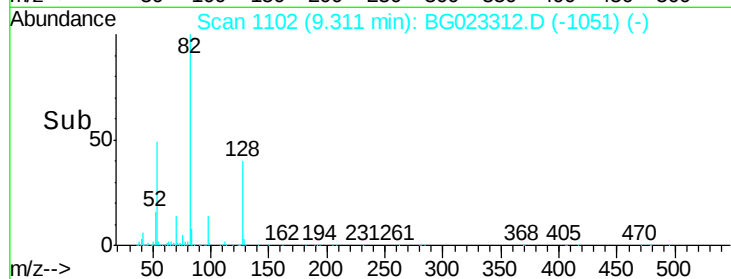
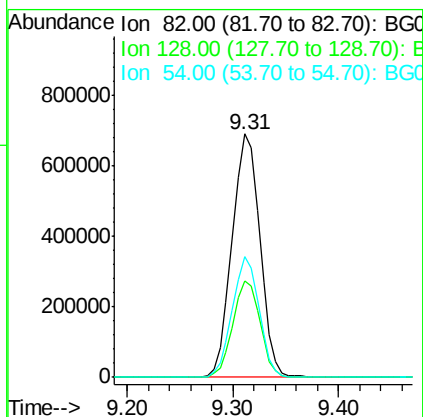
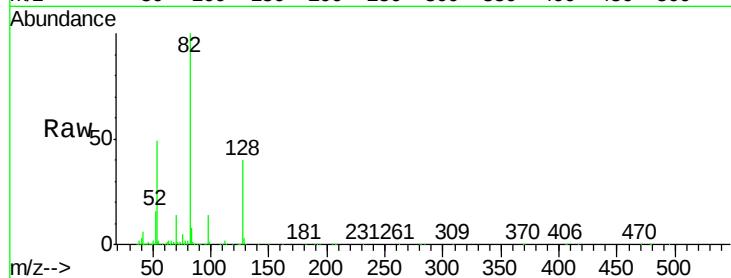




#23
 Nitrobenzene-d5
 Concen: 83.72 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BG023312.D
 Acq: 28 Jul 2016 18:26

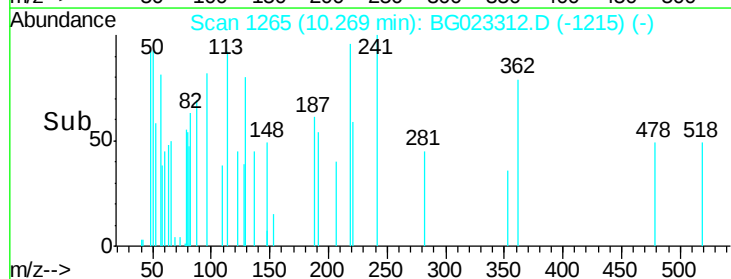
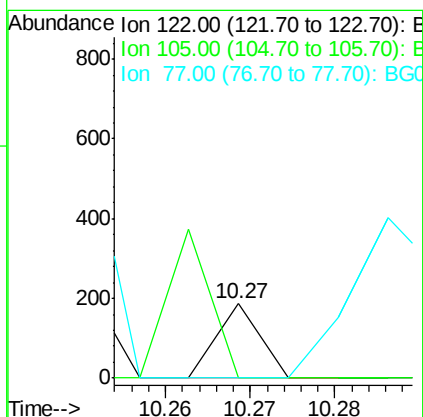
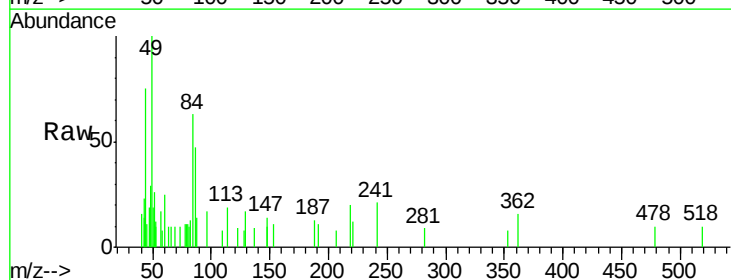
Instrument :
 BNA_G
 ClientSampleId :
 GW-40-5.0-15.0

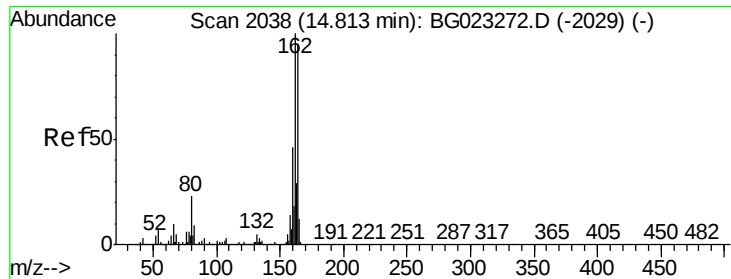
Tgt Ion: 82 Resp: 1256747
 Ion Ratio Lower Upper
 82 100
 128 39.7 24.4 36.6#
 54 49.5 41.4 62.0



#32
 Benzoic acid
 Concen: 8.12 ng
 RT: 10.27 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BG023312.D
 Acq: 28 Jul 2016 18:26

Tgt Ion: 122 Resp: 66
 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: 14.80 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BG023312.D

Acq: 28 Jul 2016 18:26

Instrument :

BNA_G

ClientSampleId :

GW-40-5.0-15.0

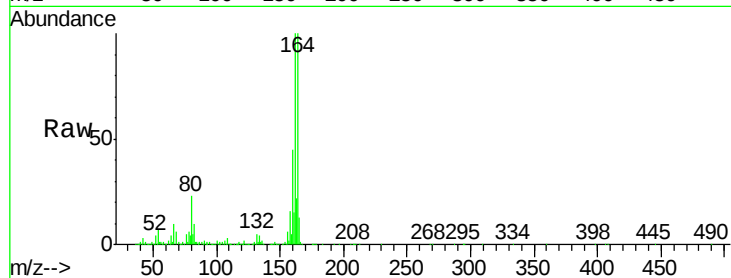
Tgt Ion:164 Resp: 518336

Ion Ratio Lower Upper

164 100

162 99.9 87.7 131.5

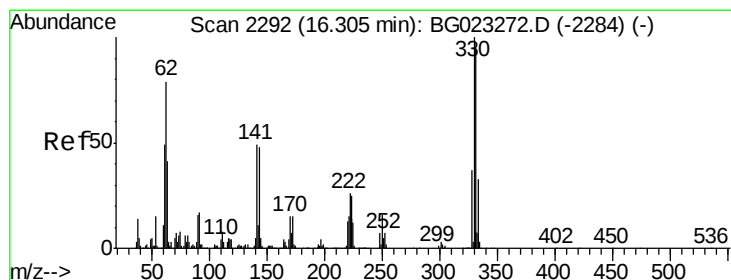
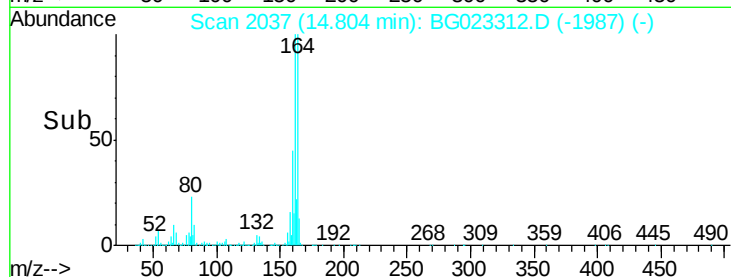
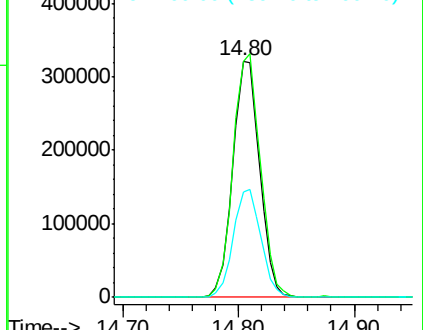
160 44.6 37.2 55.8



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: 114.29 ng

RT: 16.31 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BG023312.D

Acq: 28 Jul 2016 18:26

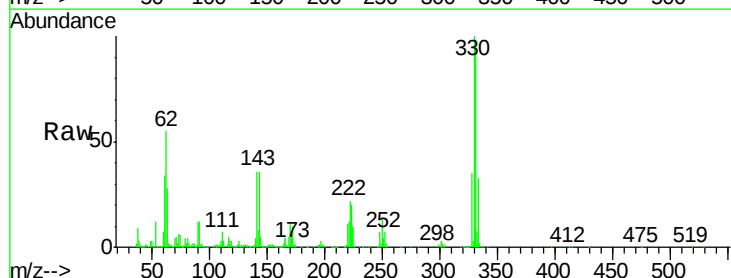
Tgt Ion:330 Resp: 613145

Ion Ratio Lower Upper

330 100

332 97.8 77.4 116.2

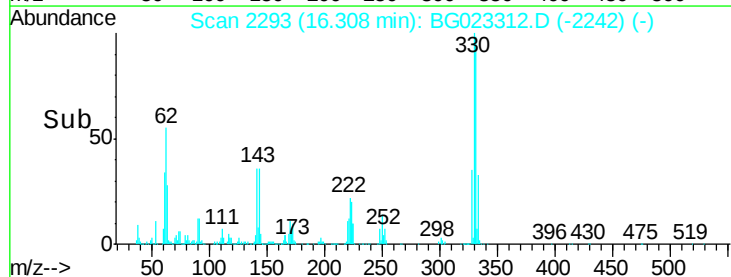
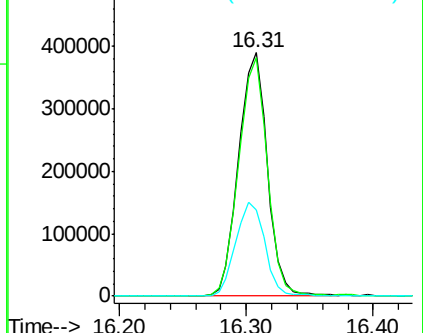
141 39.1 31.7 47.5

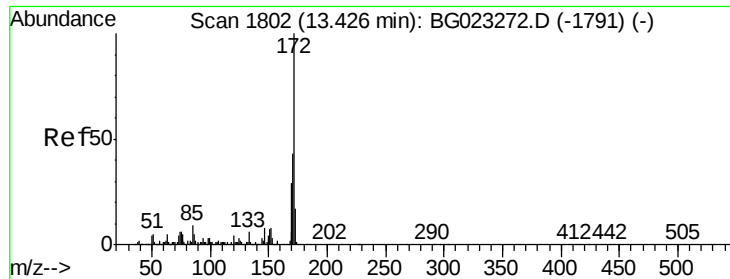


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

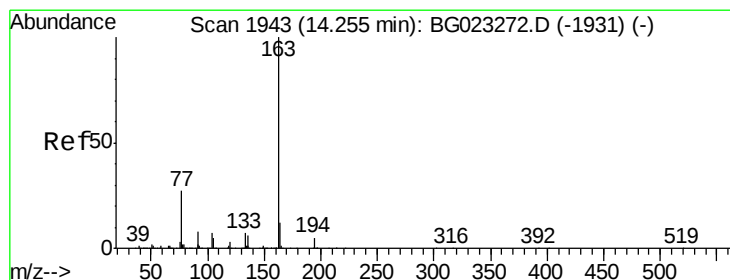
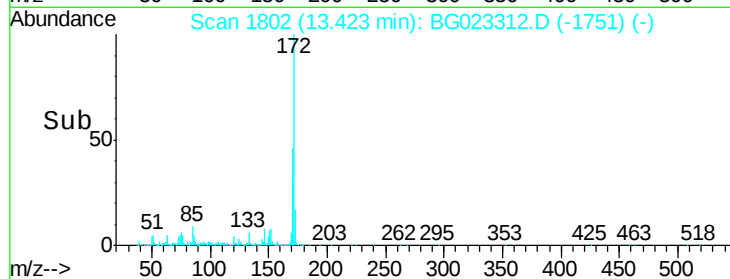
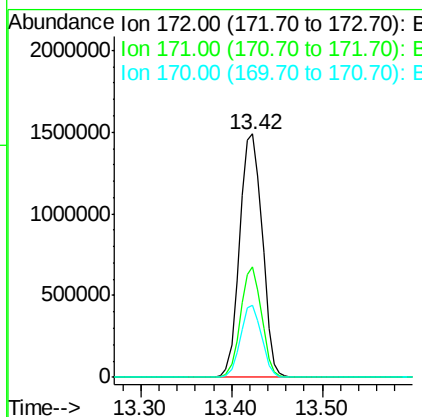
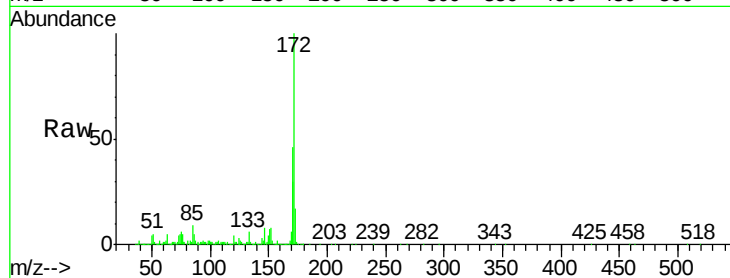




#44
2-Fluorobiphenyl
Concen: 93.56 ng
RT: 13.42 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BG023312.D
Acq: 28 Jul 2016 18:26

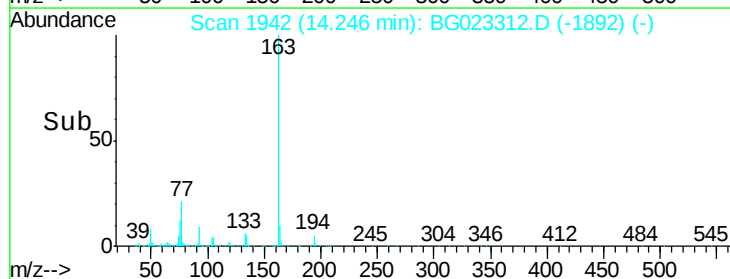
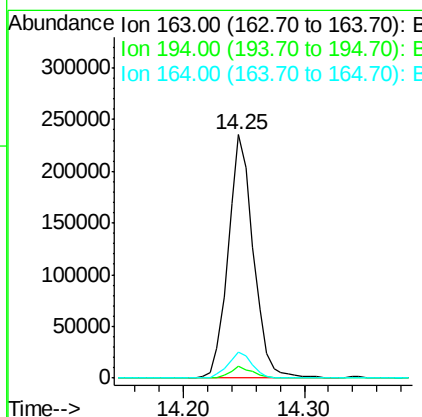
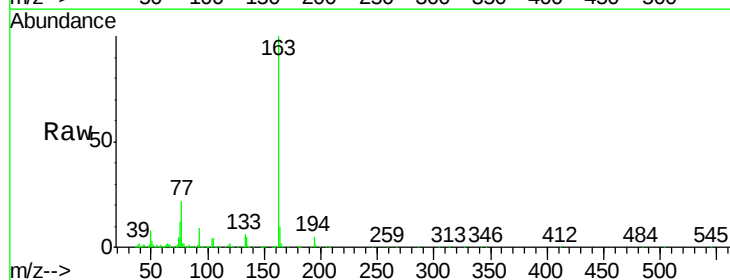
Instrument :
BNA_G
ClientSampleId :
GW-40-5.0-15.0

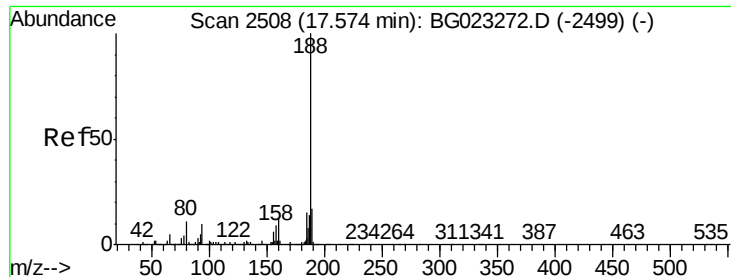
Tgt Ion:172 Resp: 2591135
Ion Ratio Lower Upper
172 100
171 45.5 31.6 47.4
170 29.8 21.3 31.9



#49
Dimethylphthalate
Concen: 8.89 ng
RT: 14.25 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BG023312.D
Acq: 28 Jul 2016 18:26

Tgt Ion:163 Resp: 340196
Ion Ratio Lower Upper
163 100
194 4.8 3.6 5.4
164 10.5 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: BG023312.D

Acq: 28 Jul 2016 18:26

Instrument :

BNA_G

ClientSampleId :

GW-40-5.0-15.0

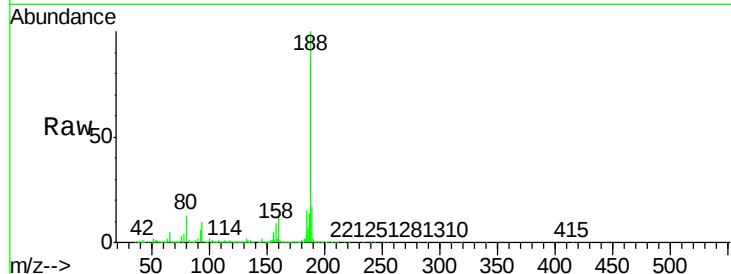
Tgt Ion:188 Resp: 1200224

Ion Ratio Lower Upper

188 100

94 10.4 5.2 7.8#

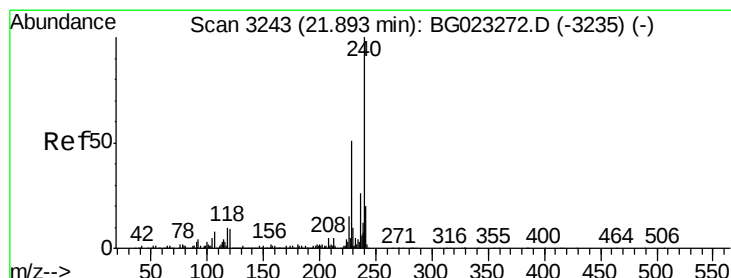
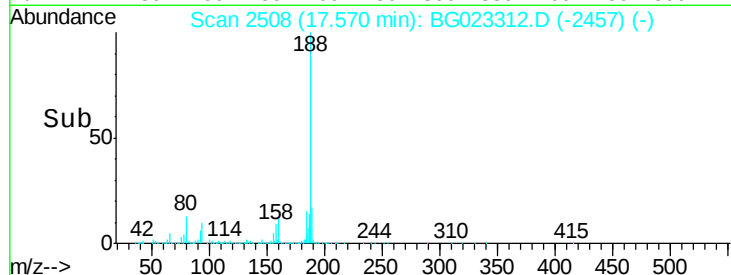
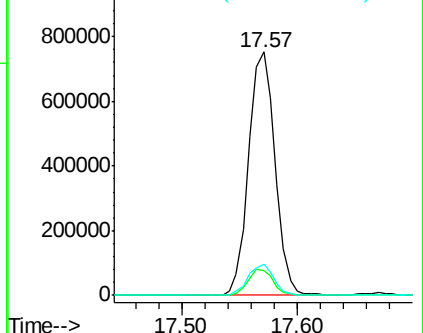
80 12.8 7.2 10.8#



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: BG023312.D

Acq: 28 Jul 2016 18:26

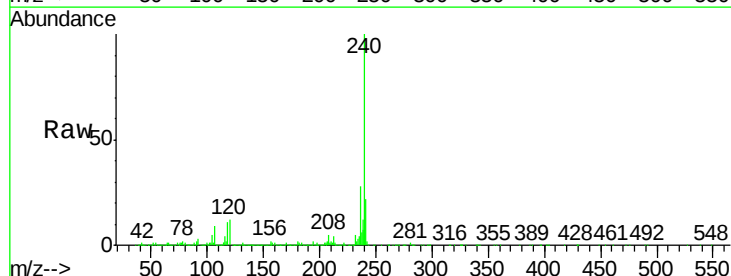
Tgt Ion:240 Resp: 1241147

Ion Ratio Lower Upper

240 100

120 11.6 4.1 6.1#

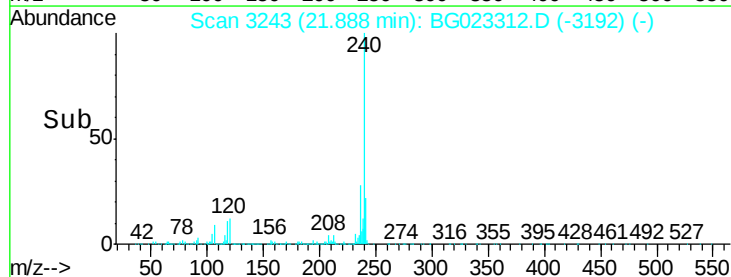
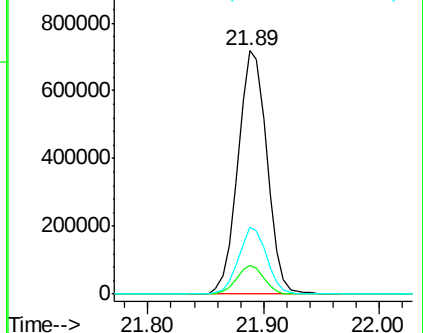
236 27.7 21.1 31.7

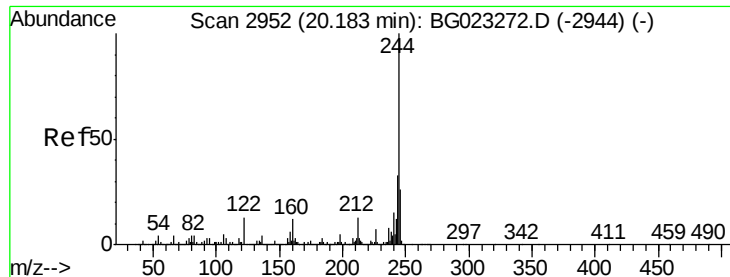


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.88 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BG023312.D

Acq: 28 Jul 2016 18:26

Instrument :

BNA_G

ClientSampleId :

GW-40-5.0-15.0

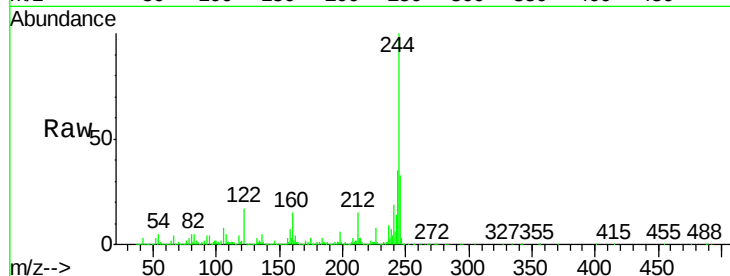
Tgt Ion:244 Resp: 3164319

Ion Ratio Lower Upper

244 100

212 14.8 10.8 16.2

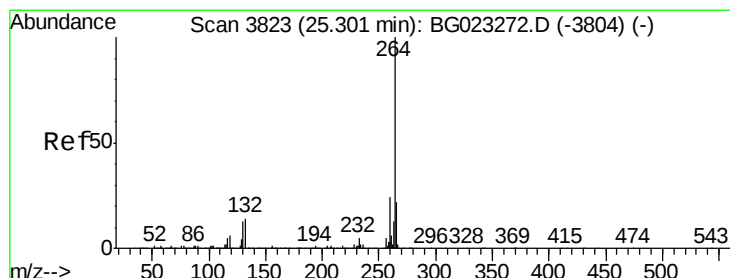
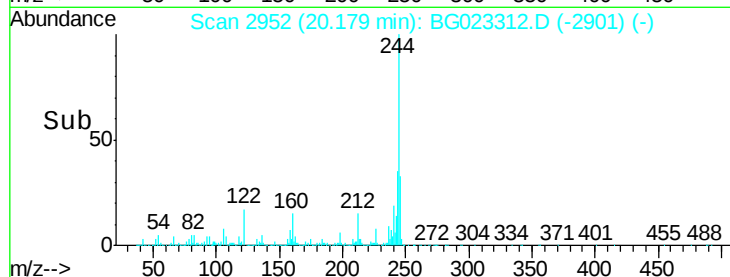
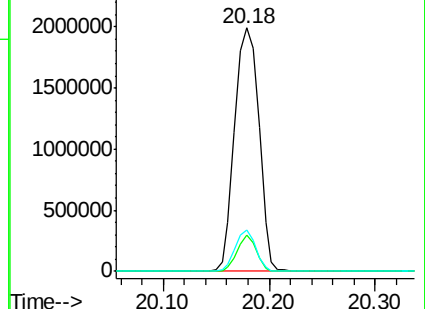
122 16.9 8.0 12.0#



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# 3823

Delta R.T. -0.01 min

Lab File: BG023312.D

Acq: 28 Jul 2016 18:26

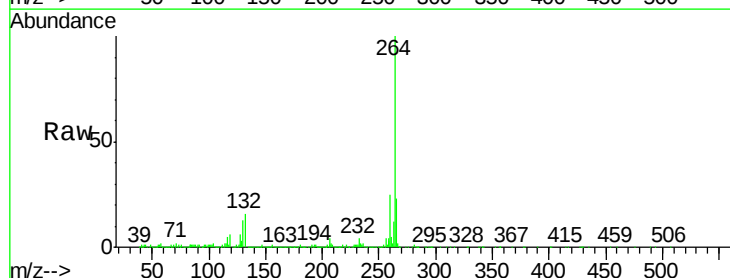
Tgt Ion:264 Resp: 1245175

Ion Ratio Lower Upper

264 100

260 24.5 18.4 27.6

265 23.0 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

