

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
 Data File : BG023858.D
 Acq On : 23 Aug 2016 18:10
 Operator : UM/SJ
 Sample : H4556-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-13B(18-20)

Quant Time: Aug 24 01:45:00 2016
 Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

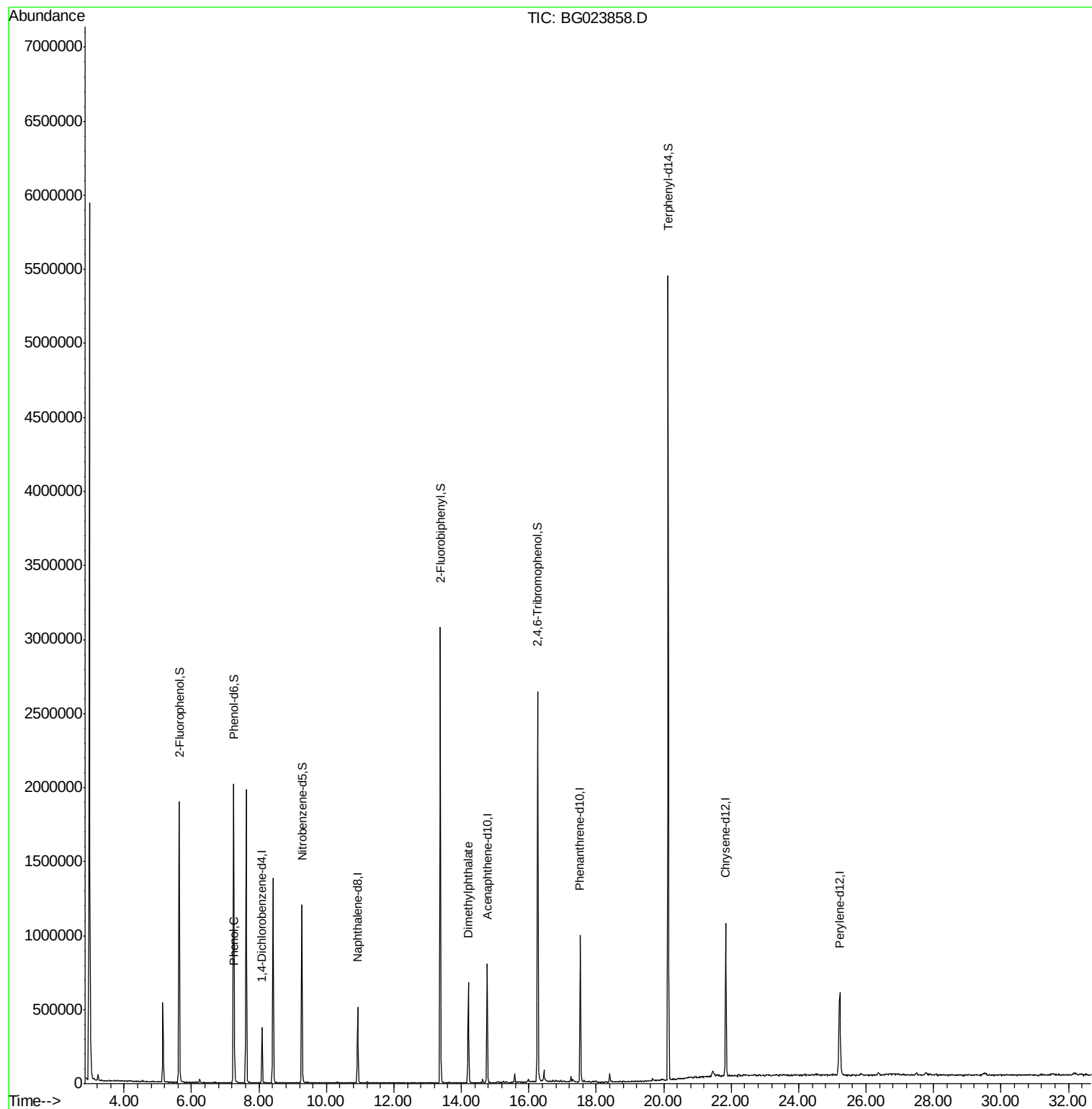
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	98923	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	426378	20.00	ng	-0.03
38) Acenaphthene-d10	14.76	164	266632	20.00	ng	-0.02
63) Phenanthrene-d10	17.52	188	620417	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	671629	20.00	ng	-0.03
86) Perylene-d12	25.21	264	657422	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	803657	136.75	ng	-0.03
7) Phenol-d6	7.25	99	1152698	125.93	ng	-0.03
23) Nitrobenzene-d5	9.27	82	798249	93.07	ng	-0.03
41) 2,4,6-Tribromophenol	16.26	330	458200	117.49	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1500812	94.94	ng	-0.02
78) Terphenyl-d14	20.13	244	2092961	101.16	ng	-0.02
Target Compounds						
10) Phenol	7.27	94	21690	2.21	ng	Qvalue 81
49) Dimethylphthalate	14.21	163	430420	21.04	ng	# 99

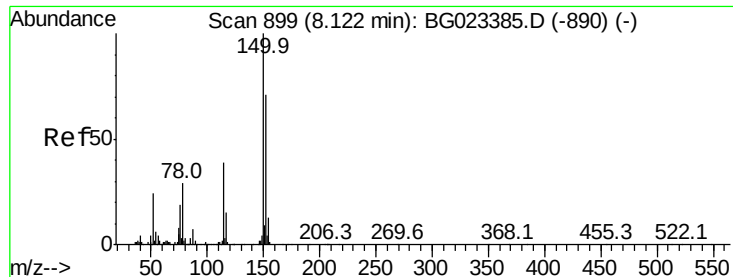
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 894

Delta R.T. -0.03 min

Lab File: BG023858.D

Acq: 23 Aug 2016 18:10

Instrument :

BNA_G

ClientSampleId :

SB-13B(18-20)

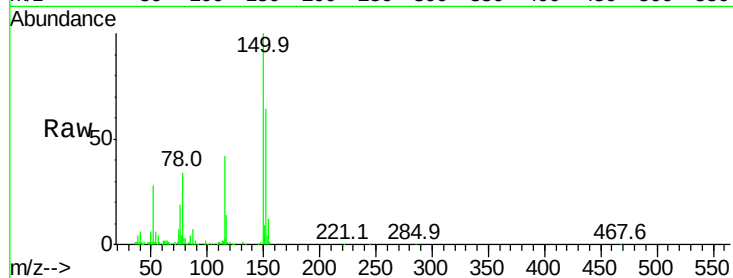
Tot Ion:152 Resp: 98923

Ion Ratio Lower Upper

152 100

150 156.9 144.7 217.1

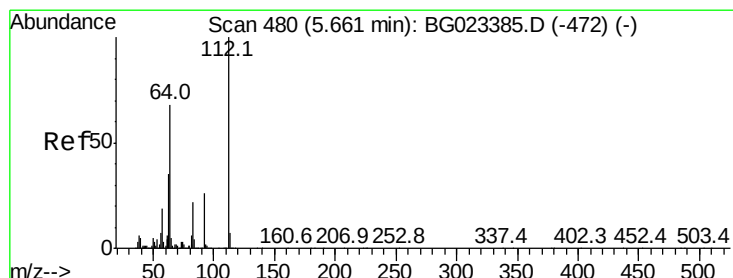
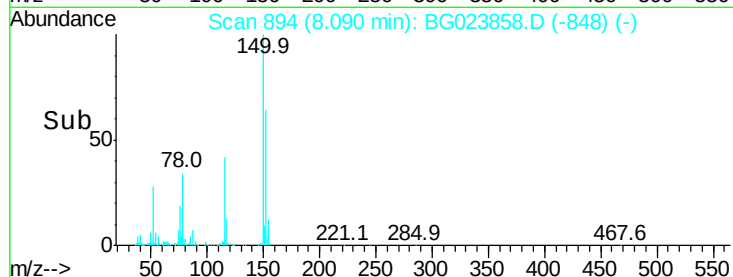
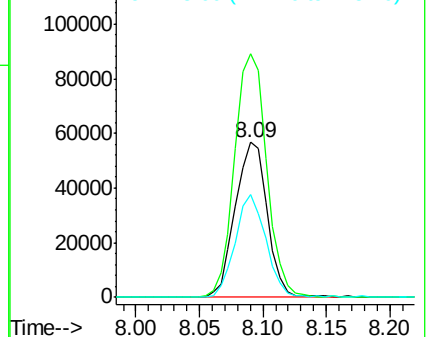
115 65.8 64.0 96.0



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: 136.75 ng

RT: 5.63 min Scan# 476

Delta R.T. -0.03 min

Lab File: BG023858.D

Acq: 23 Aug 2016 18:10

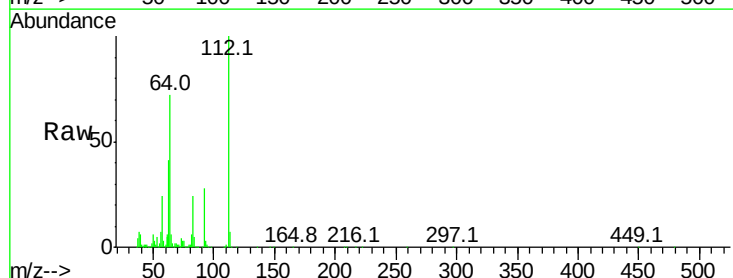
Tgt Ion:112 Resp: 803657

Ion Ratio Lower Upper

112 100

64 71.5 59.0 88.4

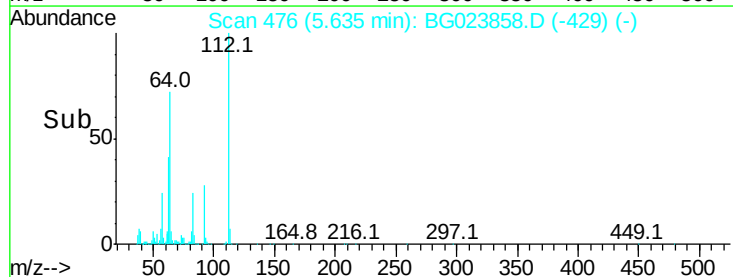
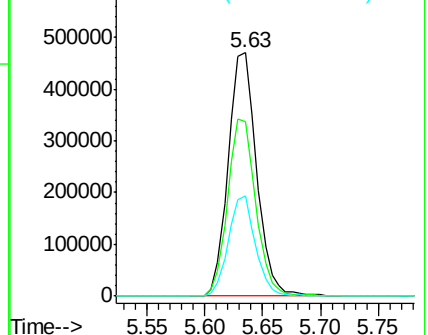
63 40.9 37.8 56.8

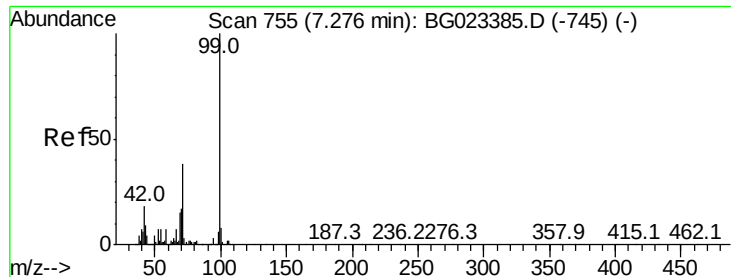


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 125.93 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.03 min

Lab File: BG023858.D

Acq: 23 Aug 2016 18:10

Instrument :

BNA_G

ClientSampleId :

SB-13B(18-20)

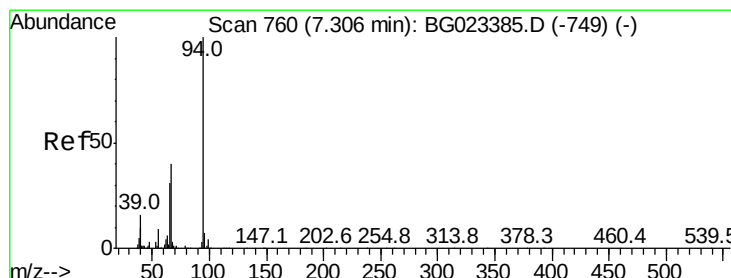
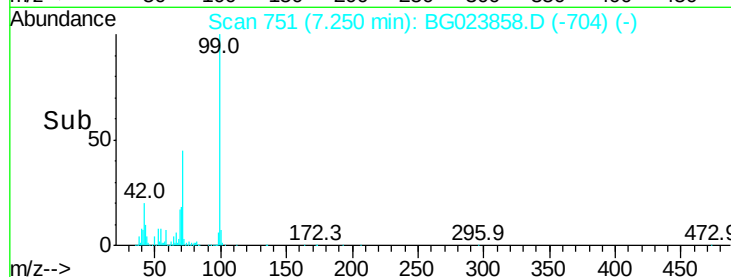
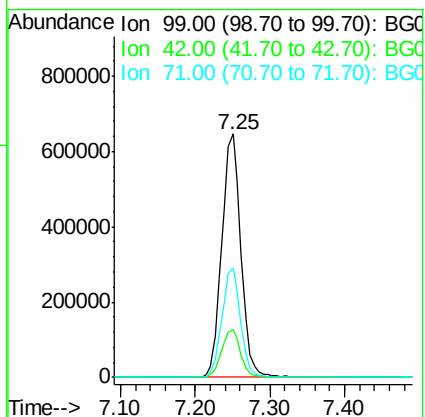
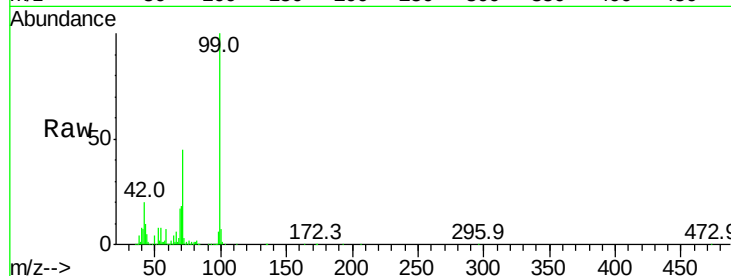
Tot Ion: 99 Resp: 1152698

Ion Ratio Lower Upper

99 100

42 19.7 17.8 26.6

71 45.0 41.5 62.3



#10

Phenol

Concen: 2.21 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.03 min

Lab File: BG023858.D

Acq: 23 Aug 2016 18:10

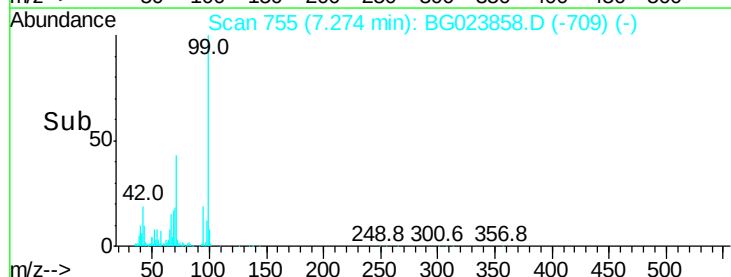
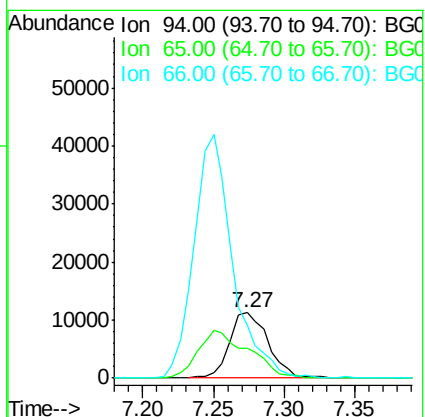
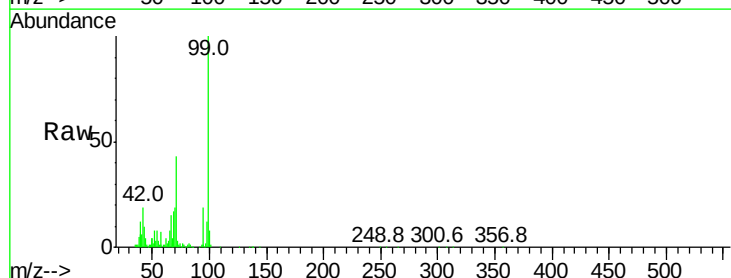
Tgt Ion: 94 Resp: 21690

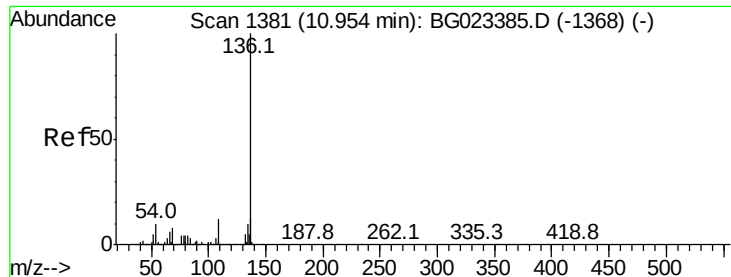
Ion Ratio Lower Upper

94 100

65 45.5 18.1 58.1

66 80.5 42.1 82.1

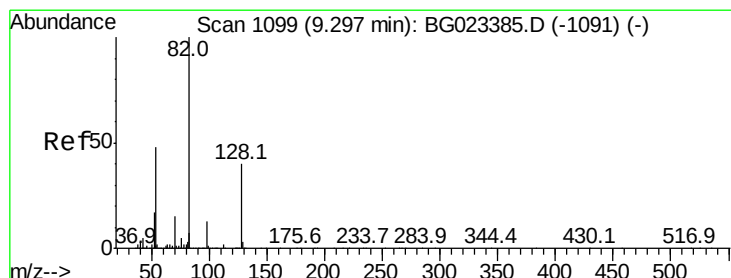
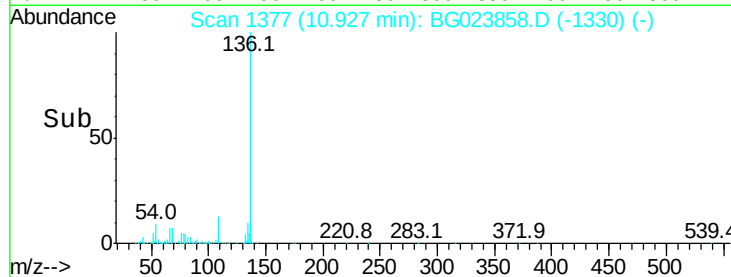
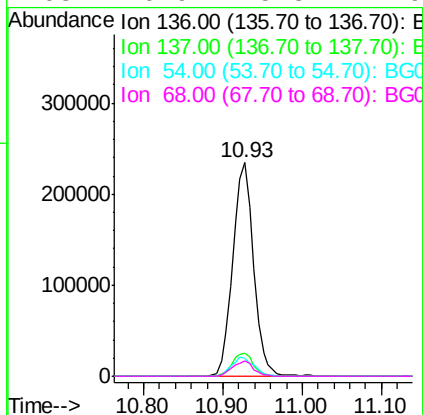
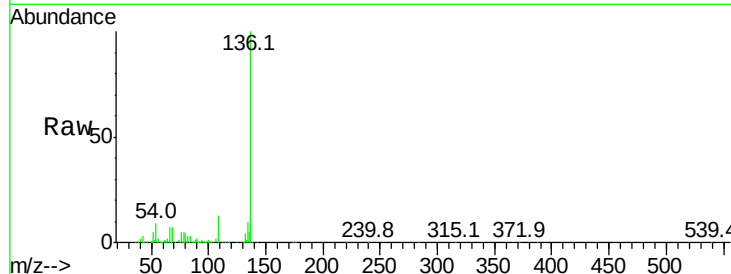




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.03 min
Lab File: BG023858.D
Acq: 23 Aug 2016 18:10

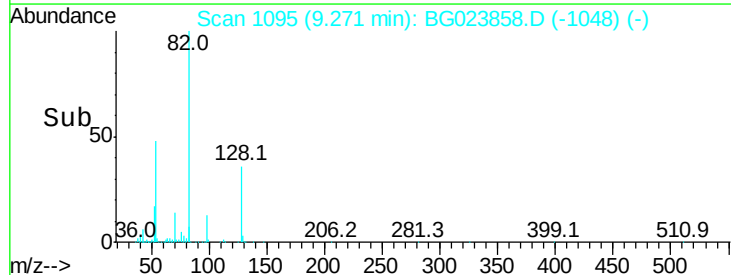
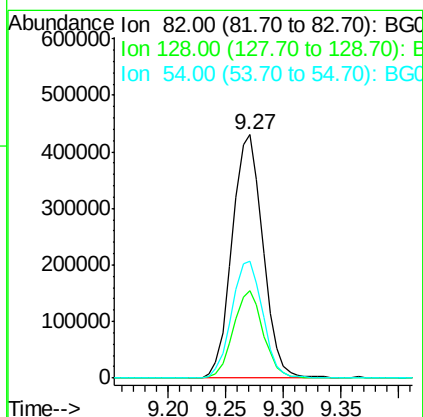
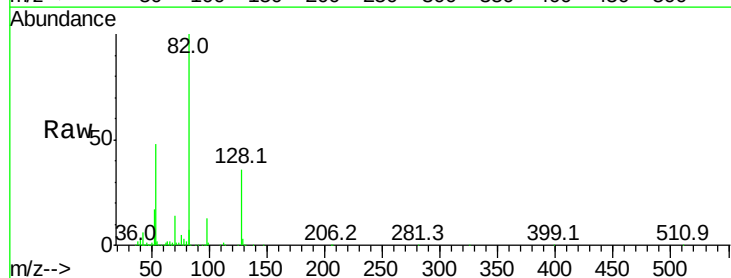
Instrument :
BNA_G
ClientSampleId :
SB-13B(18-20)

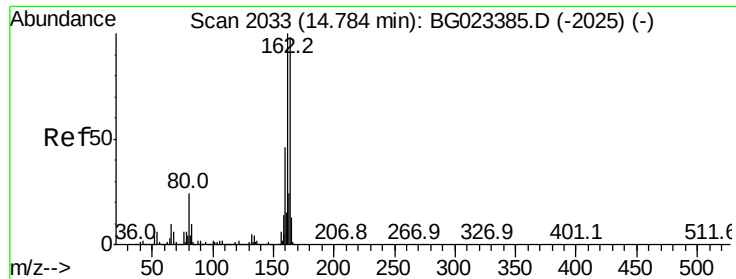
Tot Ion:136	Resp:	426378
Ion Ratio	Lower	Upper
136 100		
137 10.8	9.6	14.4
54 8.6	7.3	10.9
68 6.9	5.3	7.9



#23
Nitrobenzene-d5
Concen: 93.07 ng
RT: 9.27 min Scan# 1095
Delta R.T. -0.03 min
Lab File: BG023858.D
Acq: 23 Aug 2016 18:10

Tgt Ion	82	Resp: Lower	798249 Upper
82	100		
128	36.0	24.4	36.6
54	47.9	41.4	62.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.76 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BG023858.D

Acq: 23 Aug 2016 18:10

Instrument :

BNA_G

ClientSampleId :

SB-13B(18-20)

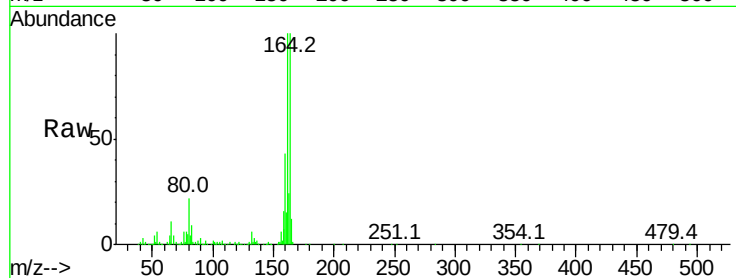
Tot Ion:164 Resp: 266632

Ion Ratio Lower Upper

164 100

162 100.4 87.7 131.5

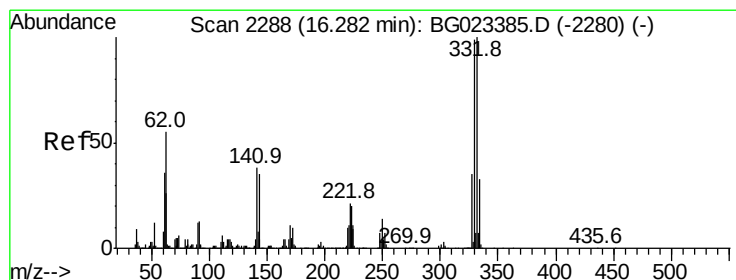
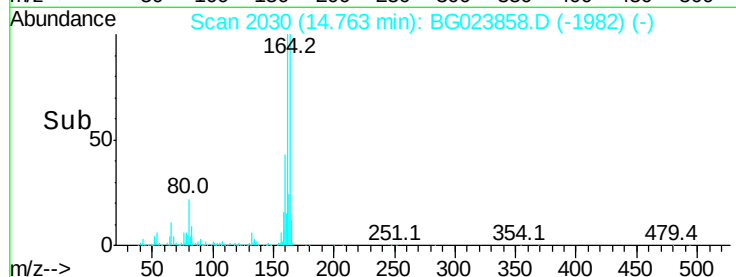
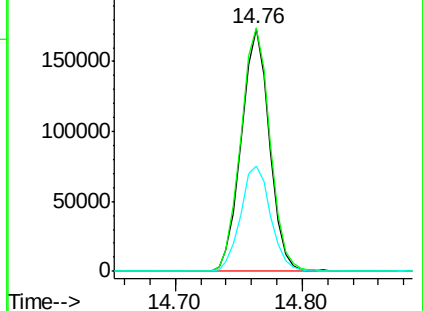
160 43.3 37.2 55.8



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: 117.49 ng

RT: 16.26 min Scan# 2285

Delta R.T. -0.02 min

Lab File: BG023858.D

Acq: 23 Aug 2016 18:10

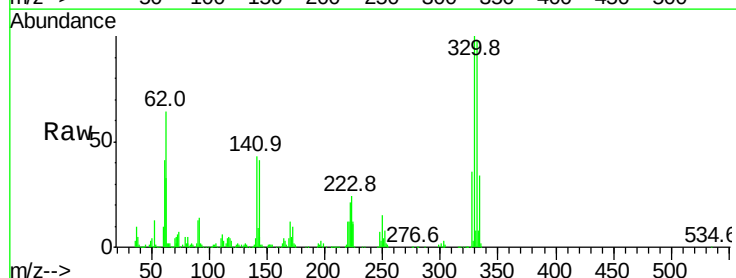
Tgt Ion:330 Resp: 458200

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.2

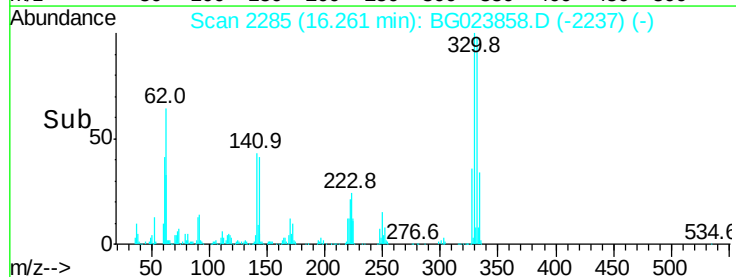
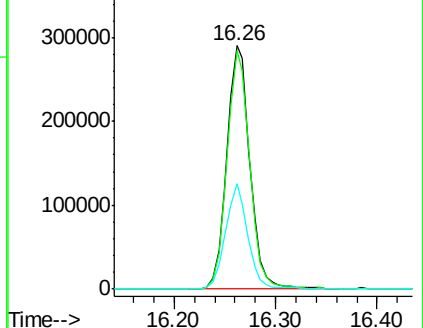
141 41.5 31.7 47.5

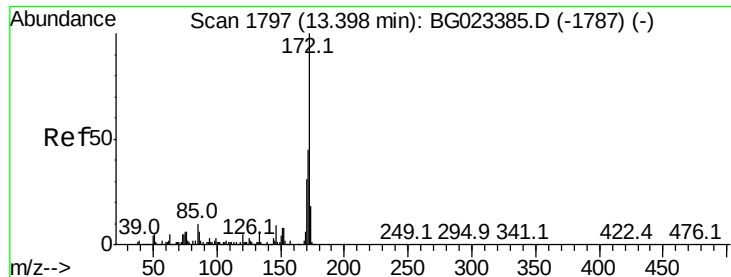


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



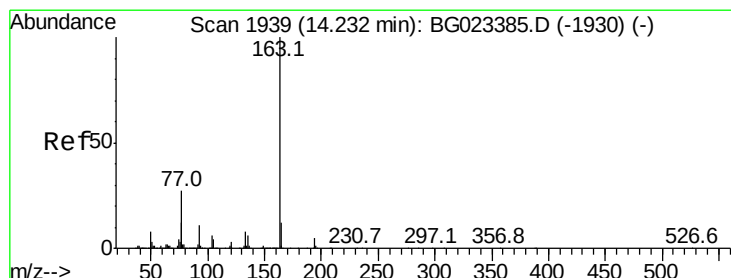
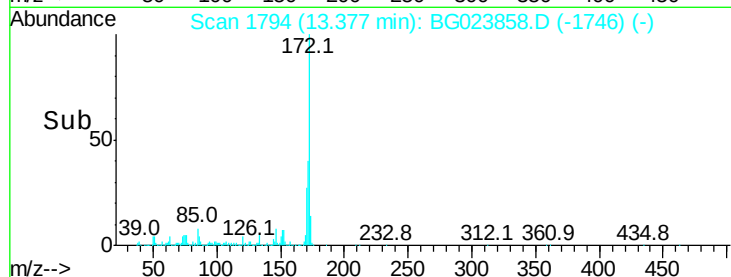
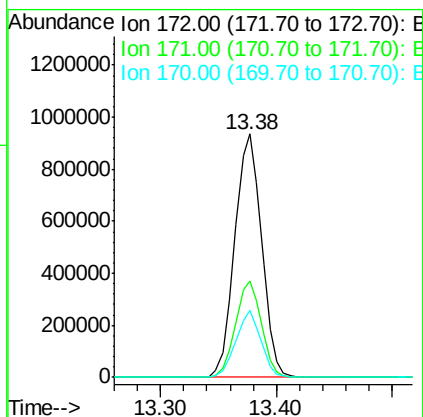
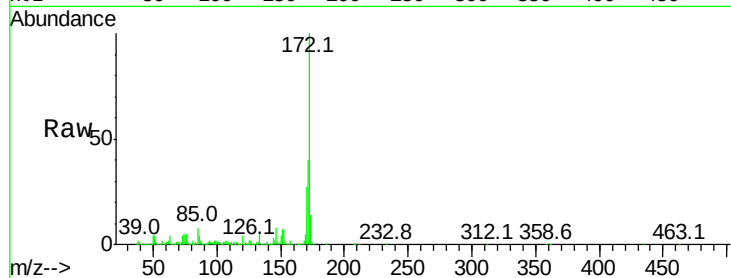


#44
2-Fluorobiphenyl
Concen: 94.94 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG023858.D
Acq: 23 Aug 2016 18:10

Instrument :
BNA_G
ClientSampleId :
SB-13B(18-20)

Tot Ion:172 Resp: 1500812

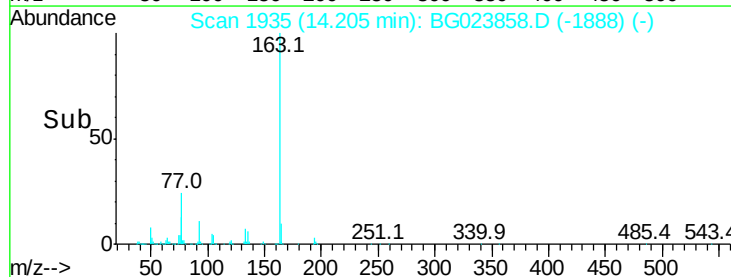
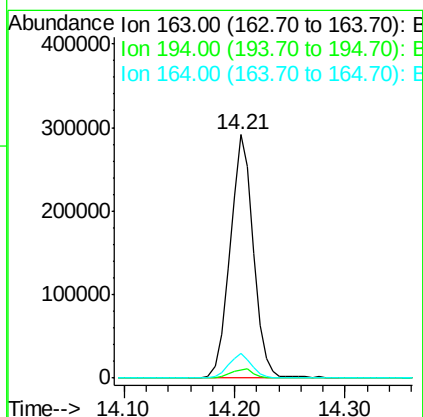
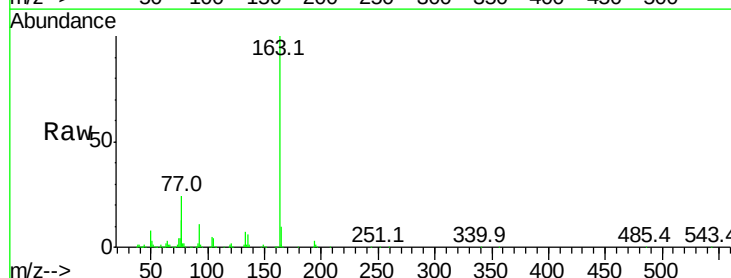
Ion	Ratio	Lower	Upper
172	100		
171	39.8	31.6	47.4
170	27.3	21.3	31.9

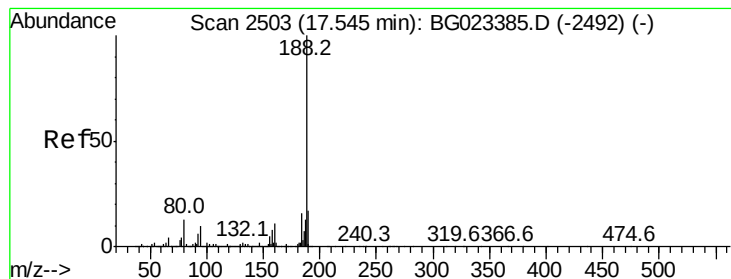


#49
Dimethylphthalate
Concen: 21.04 ng
RT: 14.21 min Scan# 1935
Delta R.T. -0.03 min
Lab File: BG023858.D
Acq: 23 Aug 2016 18:10

Tgt Ion:163 Resp: 430420

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.6	5.4#
164	10.0	8.1	12.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.52 min Scan# 2500

Delta R.T. -0.02 min

Lab File: BG023858.D

Acq: 23 Aug 2016 18:10

Instrument :

BNA_G

ClientSampleId :

SB-13B(18-20)

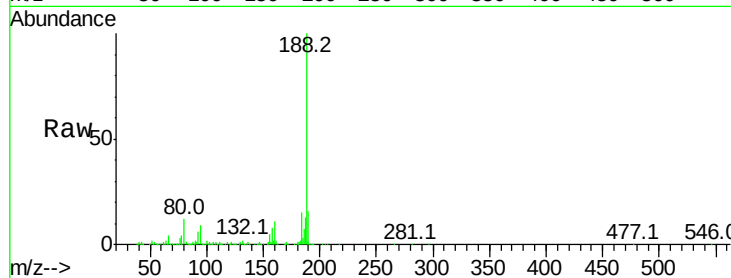
Tot Ion:188 Resp: 620417

Ion Ratio Lower Upper

188 100

94 8.7 5.2 7.8#

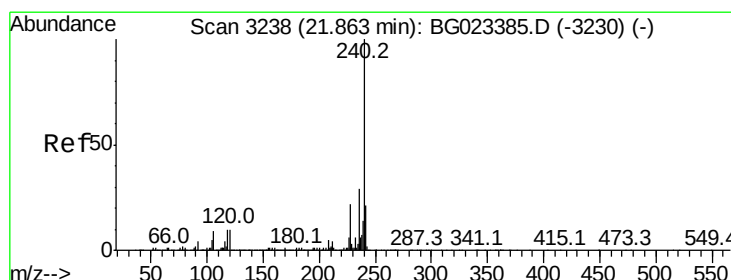
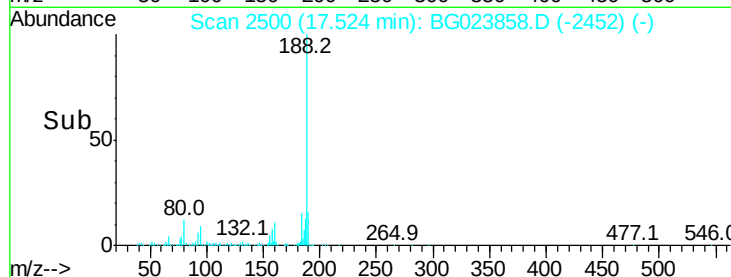
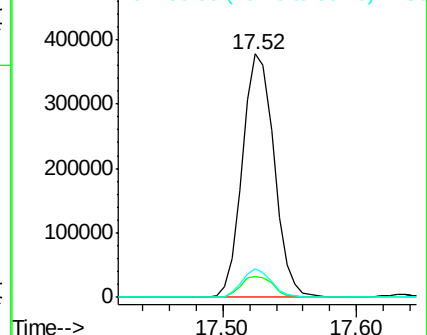
80 11.5 7.2 10.8#



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: 21.84 min Scan# 3234

Delta R.T. -0.03 min

Lab File: BG023858.D

Acq: 23 Aug 2016 18:10

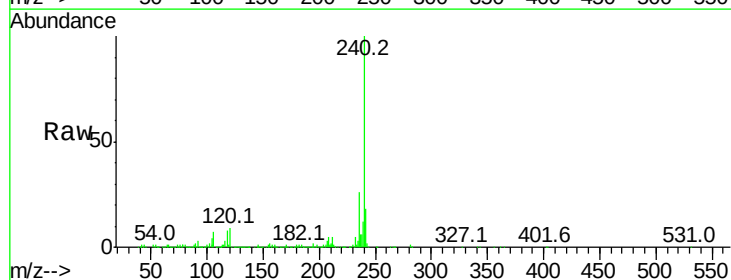
Tgt Ion:240 Resp: 671629

Ion Ratio Lower Upper

240 100

120 8.7 4.1 6.1#

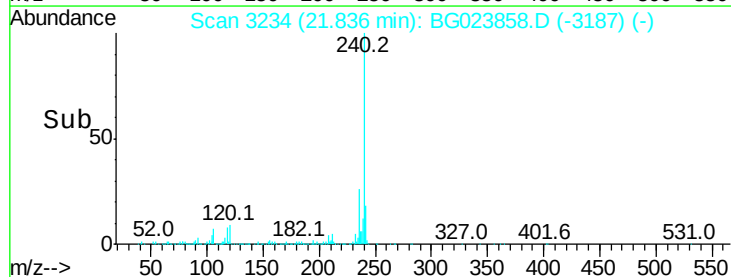
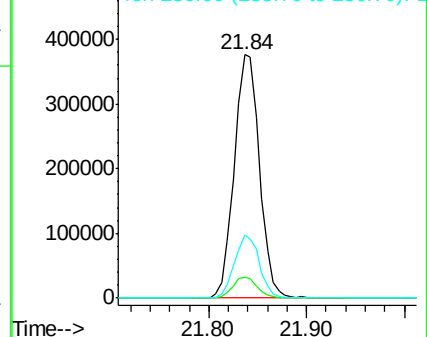
236 25.8 21.1 31.7

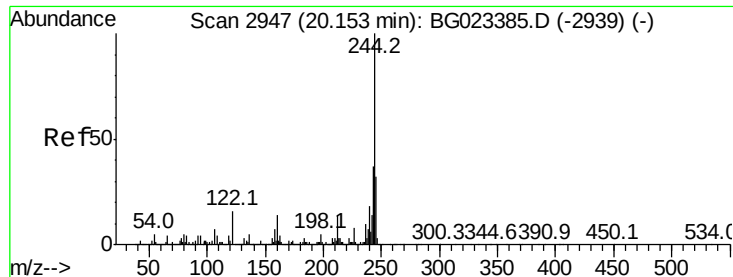


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 101.16 ng

RT: 20.13 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG023858.D

Acq: 23 Aug 2016 18:10

Instrument :

BNA_G

ClientSampleId :

SB-13B(18-20)

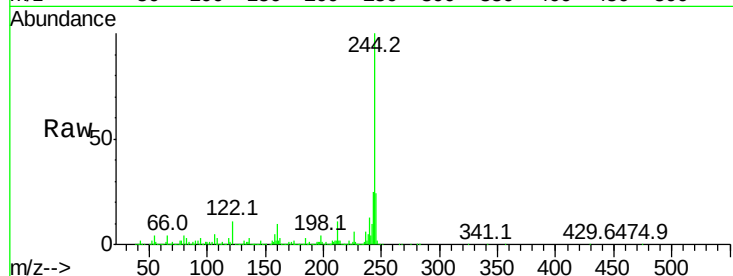
Tot Ion:244 Resp: 2092961

Ion	Ratio	Lower	Upper
244	100		
212	10.7	10.8	16.2#
122	11.4	8.0	12.0

244 100

212 10.7 10.8 16.2#

122 11.4 8.0 12.0

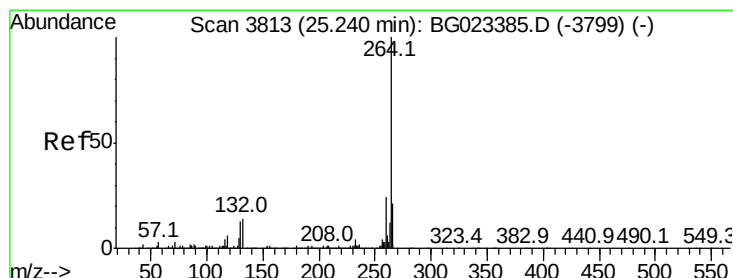
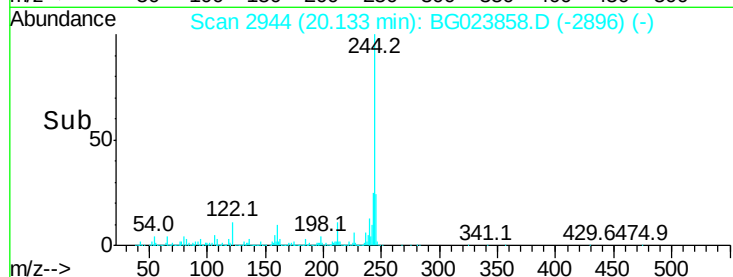
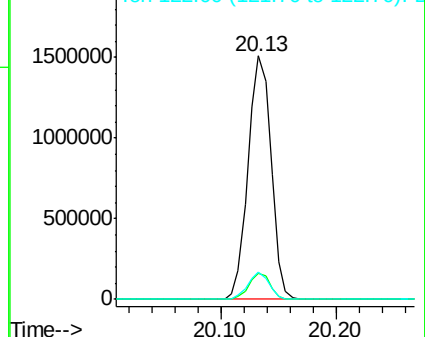


Abundance

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: 25.21 min Scan# 3808

Delta R.T. -0.03 min

Lab File: BG023858.D

Acq: 23 Aug 2016 18:10

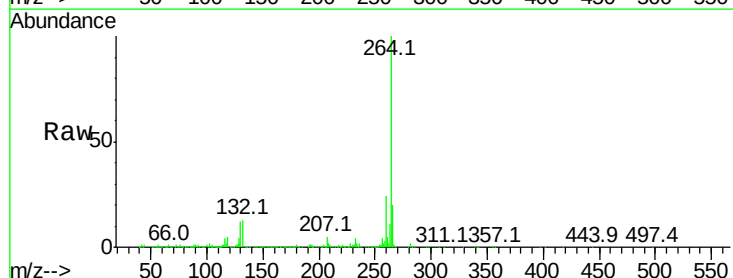
Tgt Ion:264 Resp: 657422

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.4	27.6
265	20.1	18.9	28.3

264 100

260 23.7 18.4 27.6

265 20.1 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

