

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101015\
 Data File : BG019136.D
 Acq On : 11 Oct 2015 2:55
 Operator : UM/NP
 Sample : G3929-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 12 07:25:04 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 07:23:23 2015
 Response via : Initial Calibration

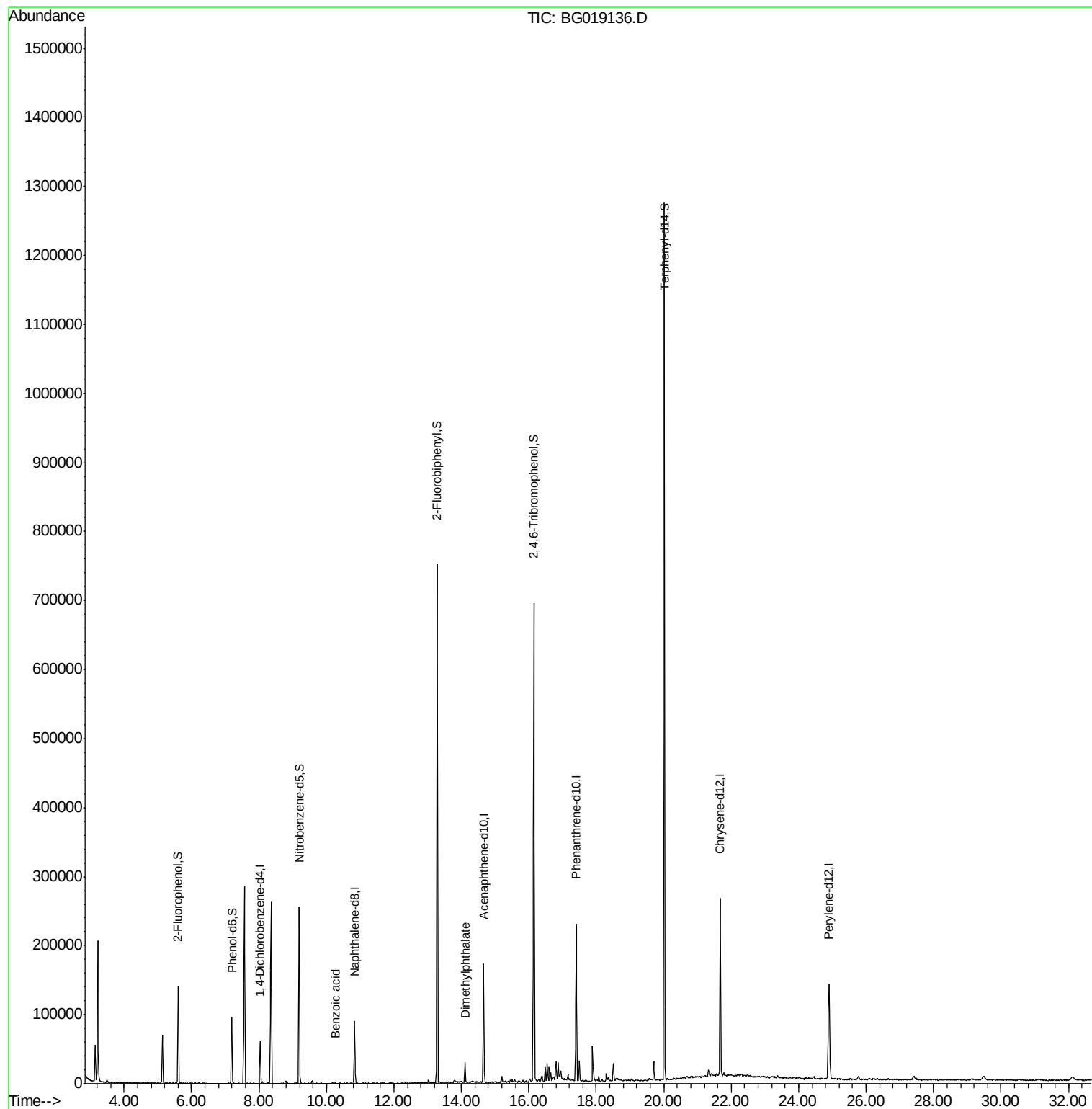
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	15859	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	72711	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	53222	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	136051	20.00	ng	0.00
75) Chrysene-d12	21.68	240	157986	20.00	ng	0.00
86) Perylene-d12	24.89	264	154005	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	52863	67.87	ng	0.00
7) Phenol-d6	7.19	99	51218	42.80	ng	0.00
23) Nitrobenzene-d5	9.19	82	147168	111.83	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	121941	168.14	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	376674	108.82	ng	0.00
78) Terphenyl-d14	20.02	244	523705	87.56	ng	0.00
Target Compounds						
32) Benzoic acid	10.26	122	54	7.86	ng	# 1
49) Dimethylphthalate	14.11	163	17712	4.21	ng	# 98

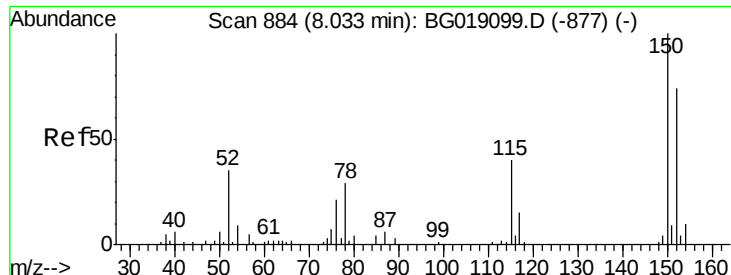
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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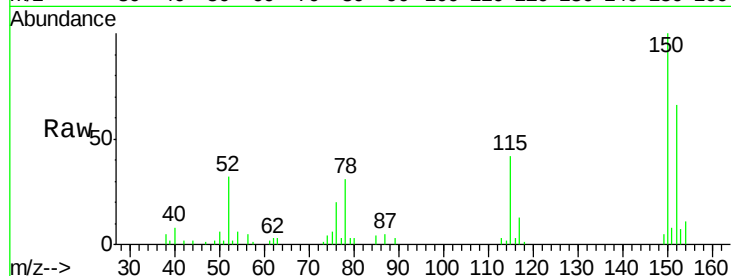


#1

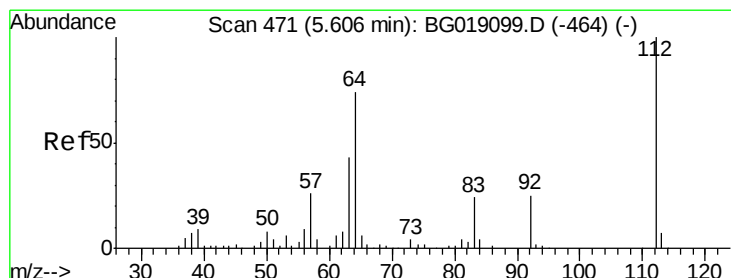
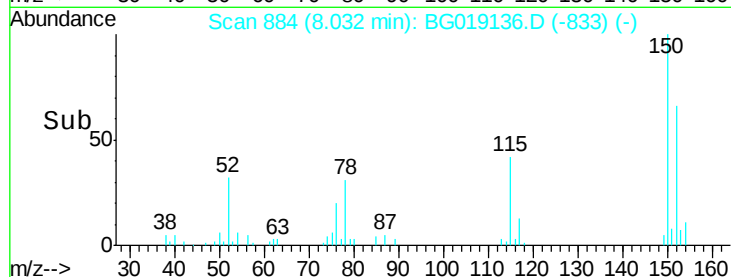
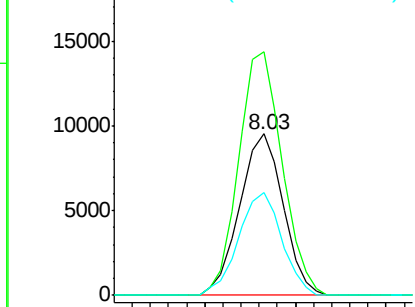
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 884
Delta R.T. 0.00 min
Lab File: BG019136.D
Acq: 11 Oct 2015 2:55

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 15859
Ion Ratio Lower Upper
152 100
150 151.0 108.2 162.2
115 63.8 43.2 64.8



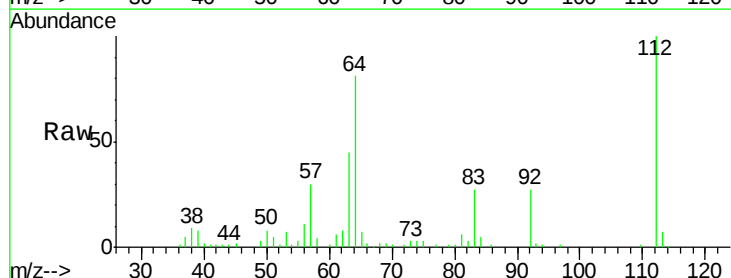
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



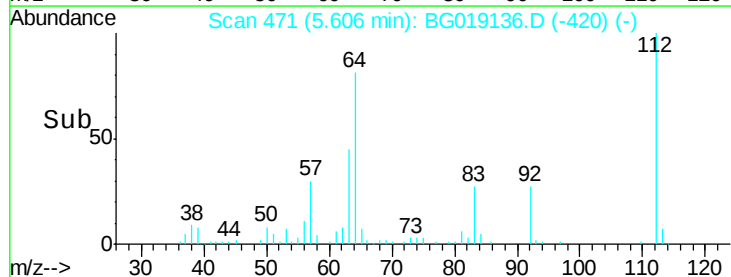
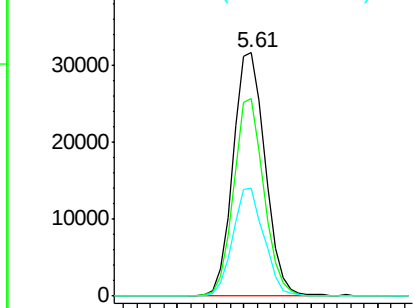
#5

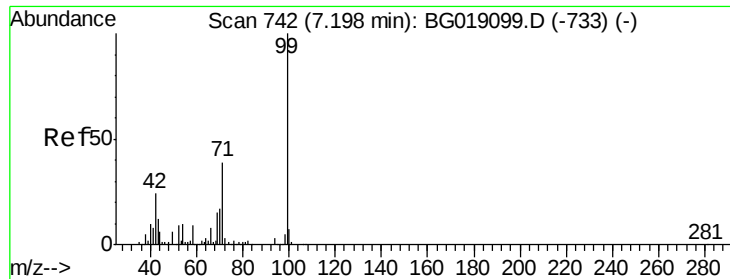
2-Fluorophenol
Concen: 67.87 ng
RT: 5.61 min Scan# 471
Delta R.T. 0.00 min
Lab File: BG019136.D
Acq: 11 Oct 2015 2:55

Tgt Ion:112 Resp: 52863
Ion Ratio Lower Upper
112 100
64 81.3 59.0 88.4
63 44.6 34.7 52.1



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: 42.80 ng

RT: 7.19 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG019136.D

Acq: 11 Oct 2015 2:55

Instrument :

BNA_G

ClientSampleId :

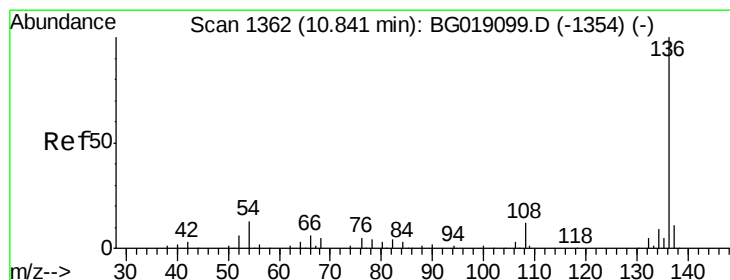
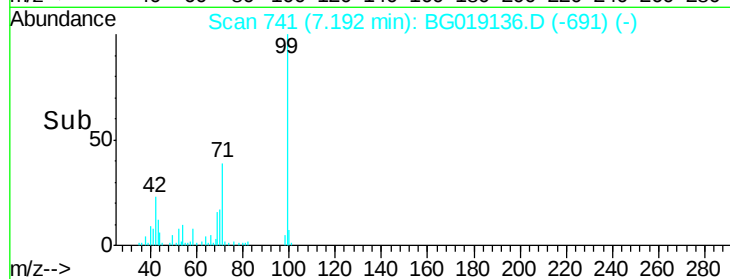
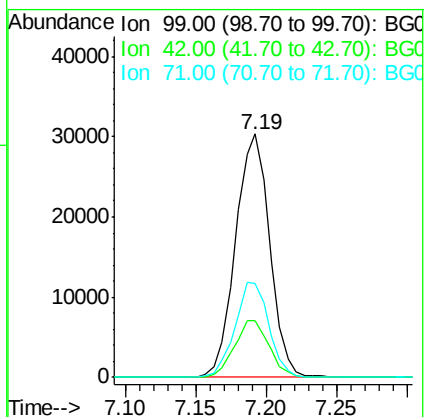
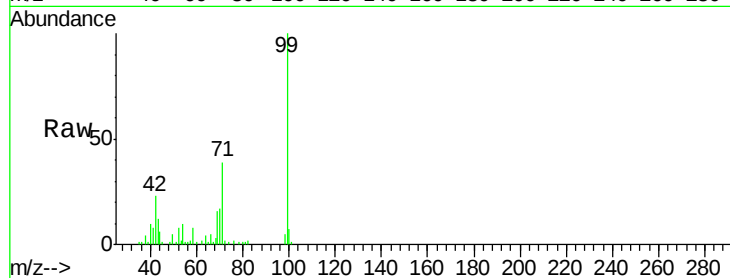
Tot Ion: 99 Resp: 51218

Ion Ratio Lower Upper

99 100

42 23.1 19.5 29.3

71 38.7 31.4 47.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.83 min Scan# 1361

Delta R.T. -0.00 min

Lab File: BG019136.D

Acq: 11 Oct 2015 2:55

Tgt Ion: 136 Resp: 72711

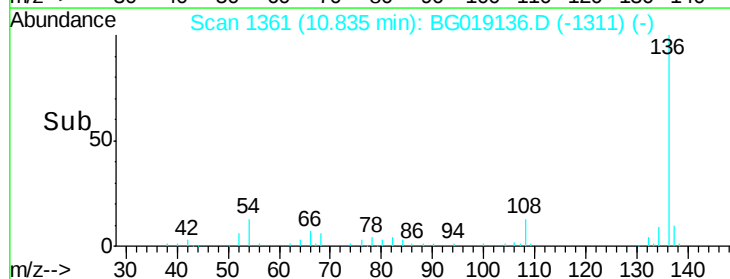
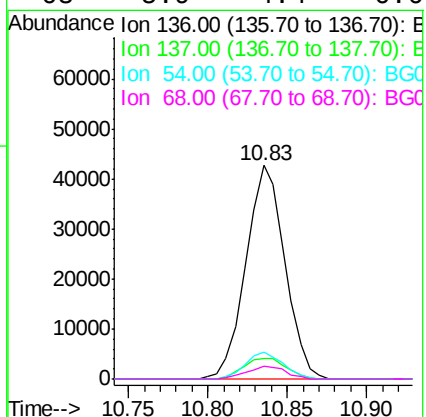
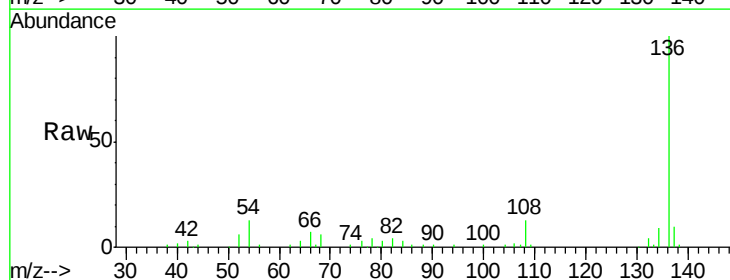
Ion Ratio Lower Upper

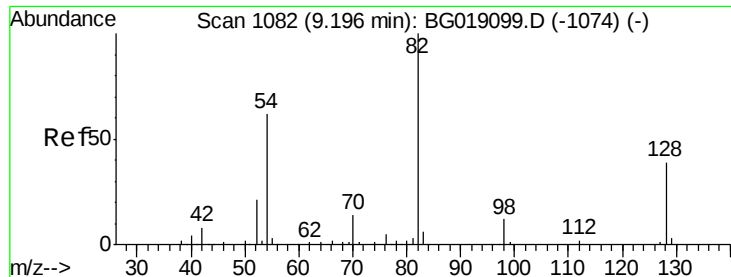
136 100

137 9.5 9.0 13.4

54 12.6 10.1 15.1

68 5.9 4.4 6.6

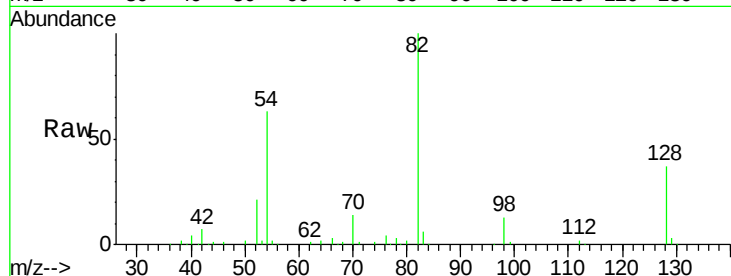




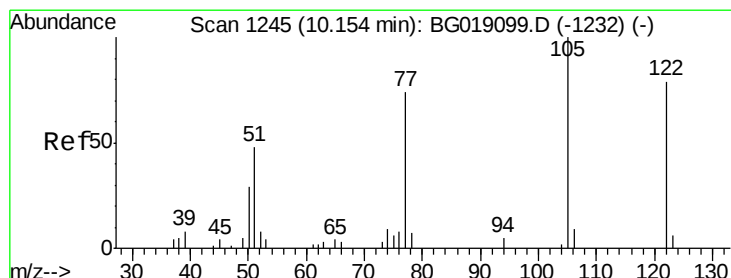
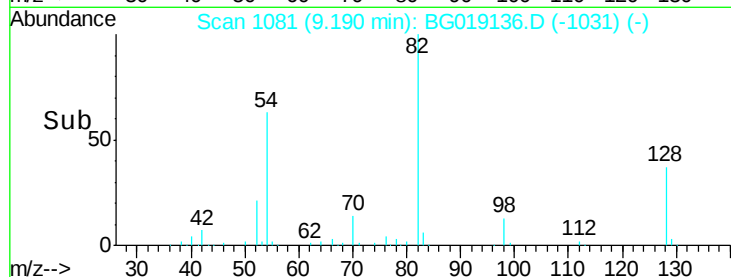
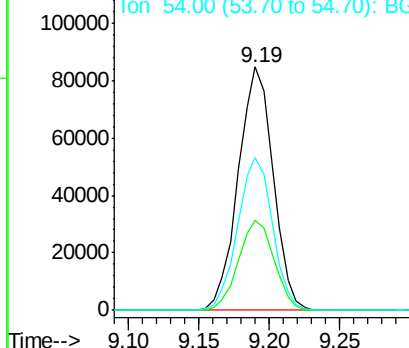
#23
 Nitrobenzene-d5
 Concen: 111.83 ng
 RT: 9.19 min Scan# 1081
 Delta R.T. -0.00 min
 Lab File: BG019136.D
 Acq: 11 Oct 2015 2:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 147168
 Ion Ratio Lower Upper
 82 100
 128 36.7 31.4 47.2
 54 62.7 50.0 75.0

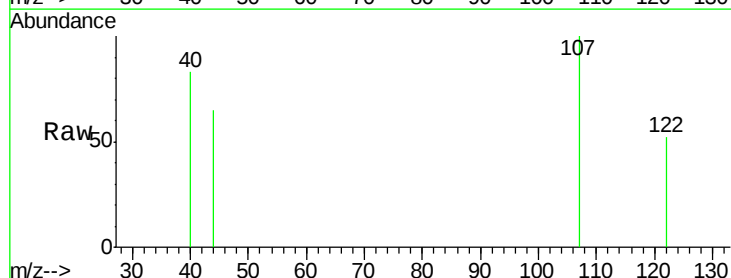


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

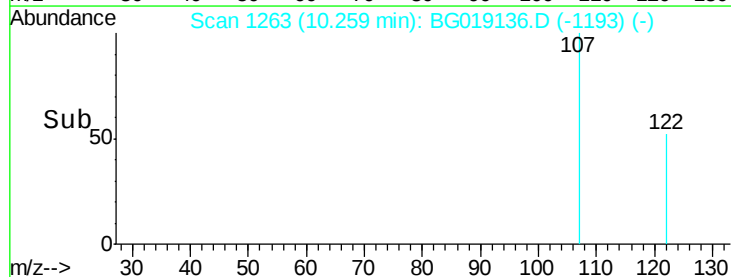
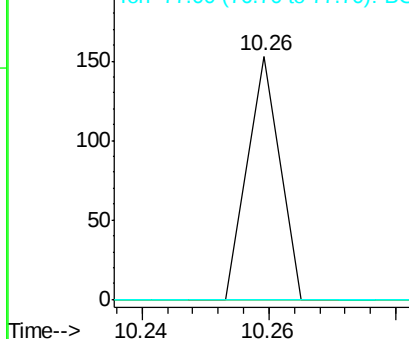


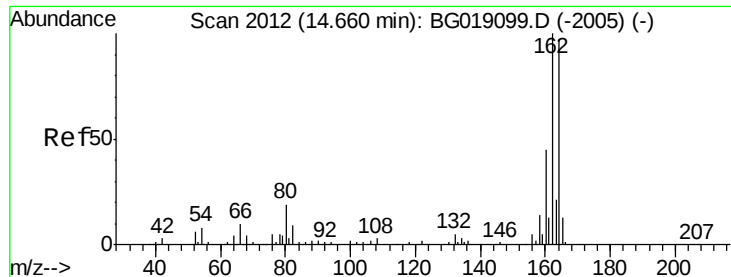
#32
 Benzoic acid
 Concen: 7.86 ng
 RT: 10.26 min Scan# 1263
 Delta R.T. 0.11 min
 Lab File: BG019136.D
 Acq: 11 Oct 2015 2:55

Tgt Ion: 122 Resp: 54
 Ion Ratio Lower Upper
 122 100
 105 0.0 107.0 147.0#
 77 0.0 73.4 113.4#



Abundance Ion 122.00 (121.70 to 122.70): BGC
 Ion 105.00 (104.70 to 105.70): BGC
 Ion 77.00 (76.70 to 77.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.66 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BG019136.D

Acq: 11 Oct 2015 2:55

Instrument :

BNA_G

ClientSampleId :

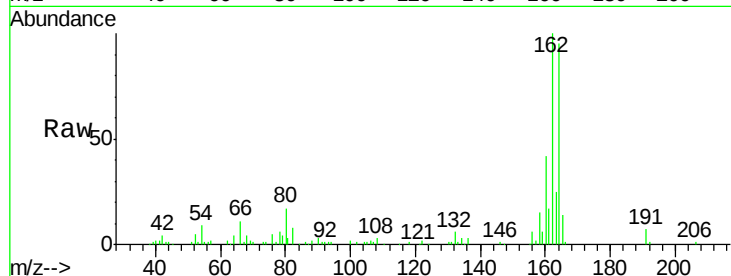
Tot Ion:164 Resp: 53222

Ion Ratio Lower Upper

164 100

162 105.6 82.6 124.0

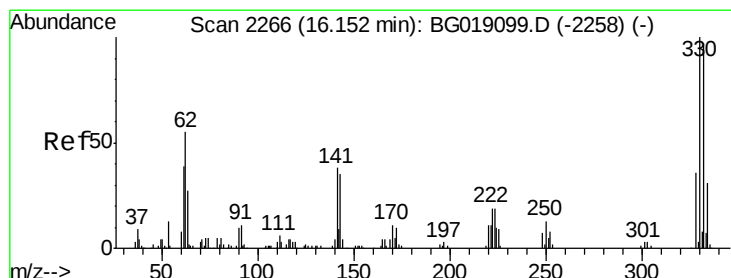
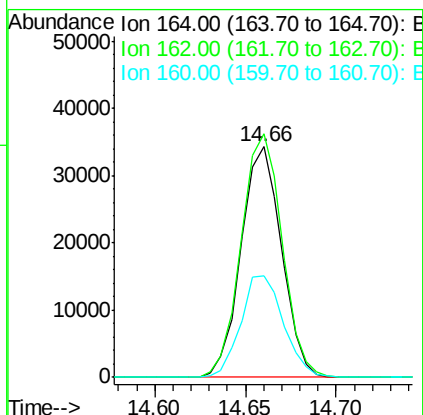
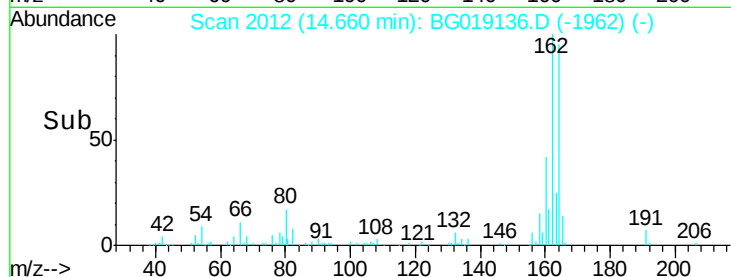
160 44.3 36.9 55.3



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: 168.14 ng

RT: 16.15 min Scan# 2265

Delta R.T. -0.00 min

Lab File: BG019136.D

Acq: 11 Oct 2015 2:55

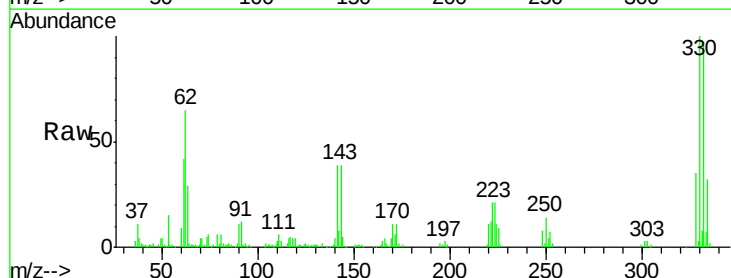
Tgt Ion:330 Resp: 121941

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

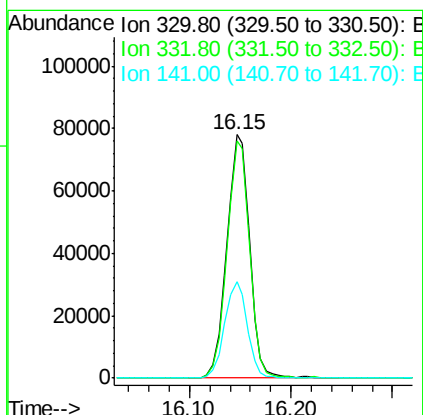
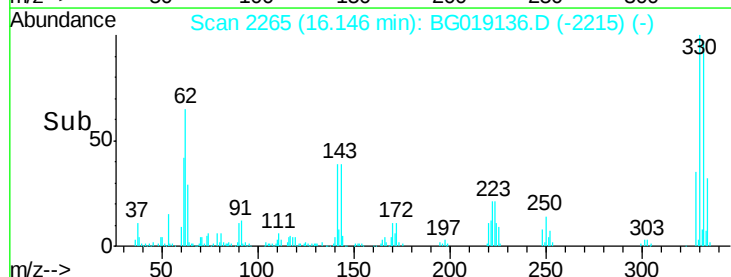
141 39.5 30.7 46.1

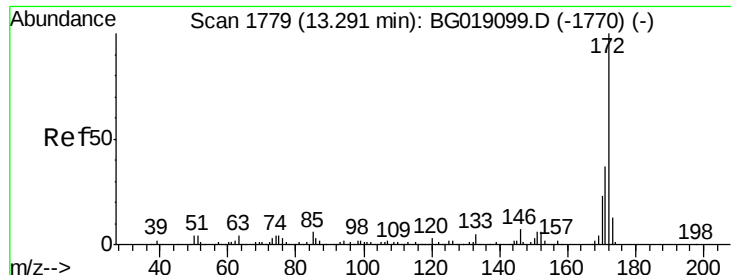


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

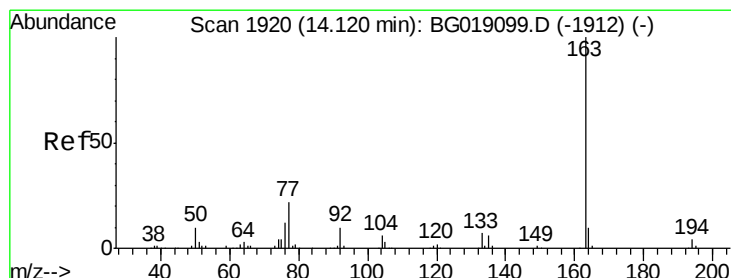
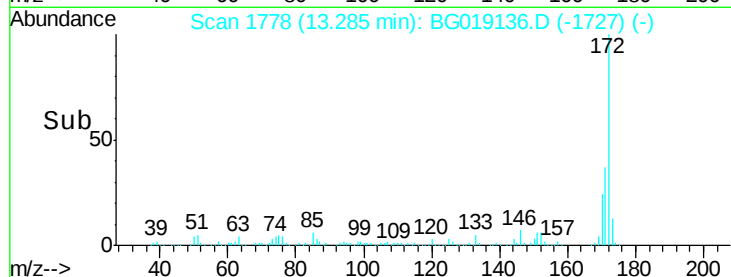
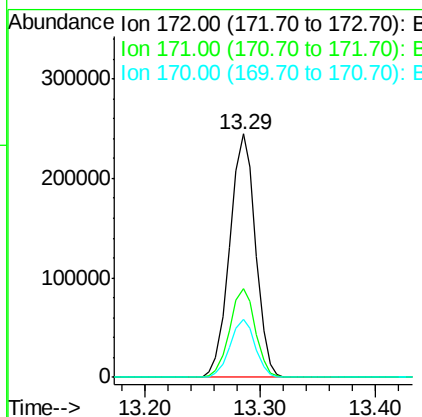
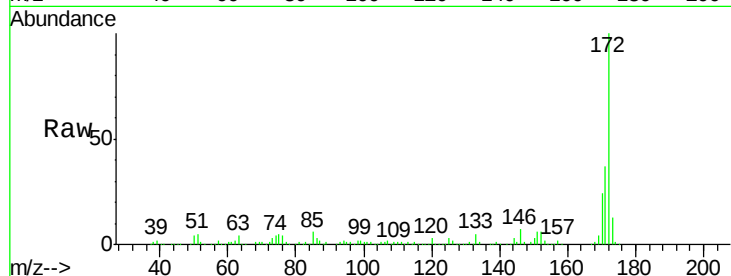




#44
 2-Fluorobiphenyl
 Concen: 108.82 ng
 RT: 13.29 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG019136.D
 Acq: 11 Oct 2015 2:55

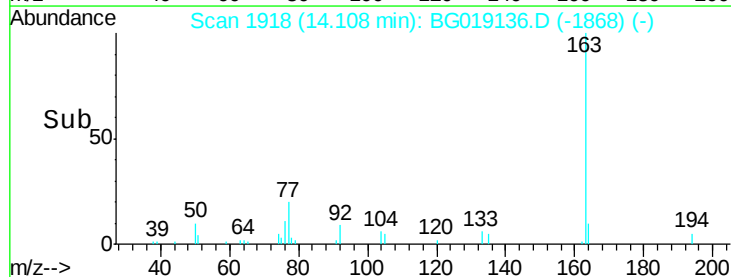
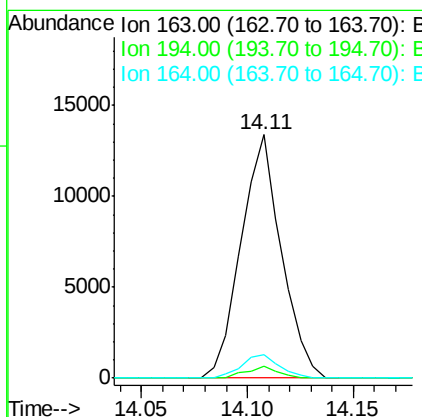
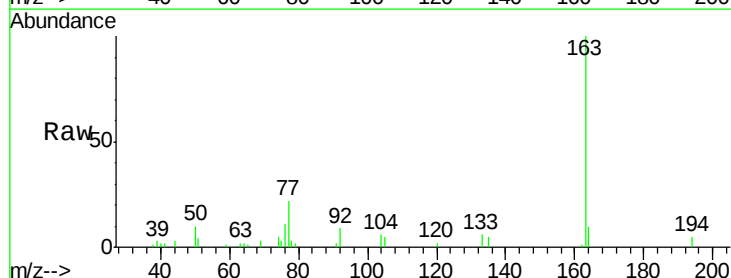
Instrument :
 BNA_G
 ClientSampleId :

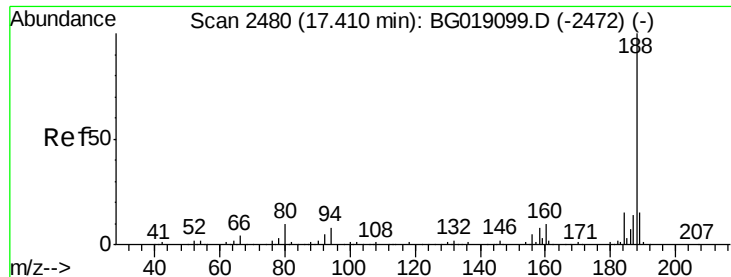
Tot Ion:172 Resp: 376674
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.9 44.9
 170 23.6 18.6 27.8



#49
 Dimethylphthalate
 Concen: 4.21 ng
 RT: 14.11 min Scan# 1918
 Delta R.T. -0.00 min
 Lab File: BG019136.D
 Acq: 11 Oct 2015 2:55

Tgt Ion:163 Resp: 17712
 Ion Ratio Lower Upper
 163 100
 194 5.0 3.2 4.8#
 164 9.5 8.1 12.1

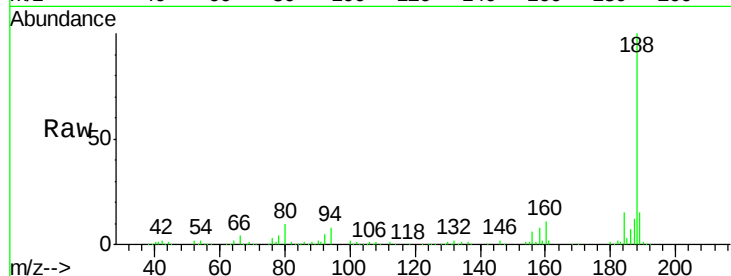




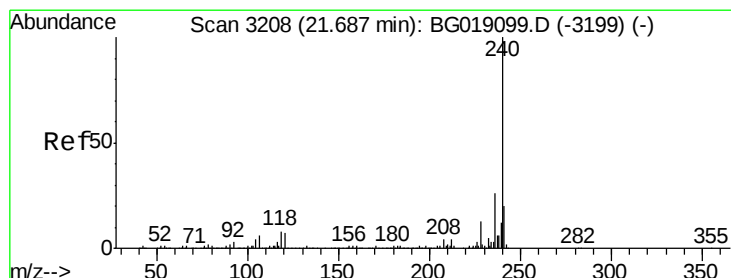
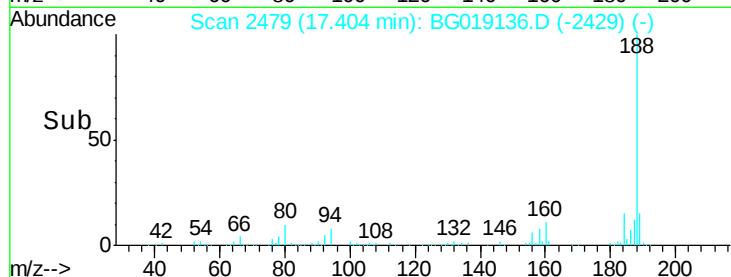
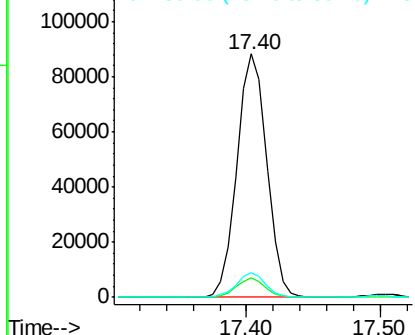
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.40 min Scan# 2479
Delta R.T. -0.00 min
Lab File: BG019136.D
Acq: 11 Oct 2015 2:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 136051
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 10.3 7.6 11.4

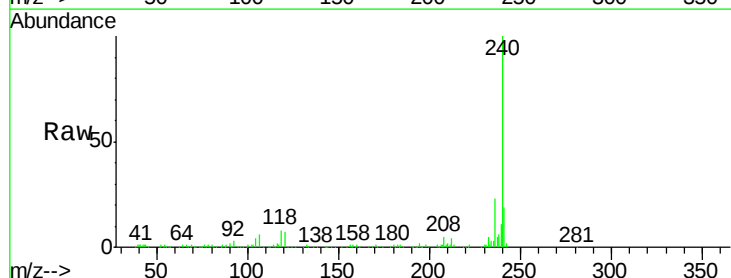


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

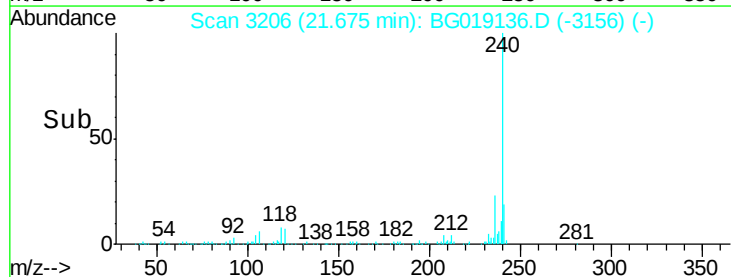
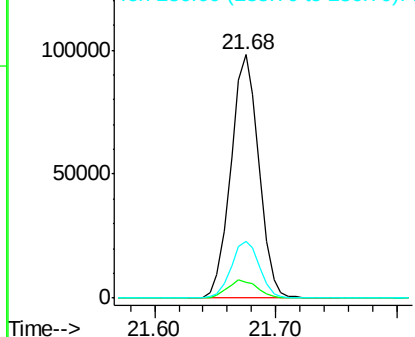


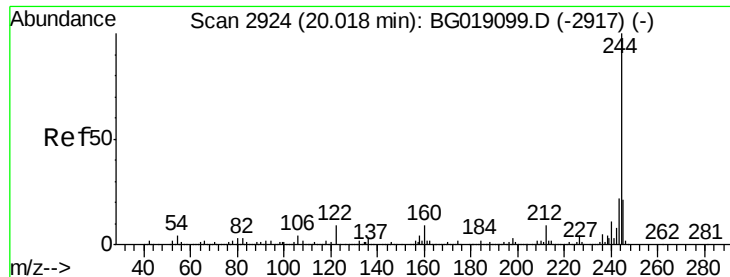
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.68 min Scan# 3206
Delta R.T. -0.00 min
Lab File: BG019136.D
Acq: 11 Oct 2015 2:55

Tgt Ion:240 Resp: 157986
Ion Ratio Lower Upper
240 100
120 6.7 5.8 8.6
236 23.1 21.2 31.8



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: 87.56 ng

RT: 20.02 min Scan# 2924

Delta R.T. 0.00 min

Lab File: BG019136.D

Acq: 11 Oct 2015 2:55

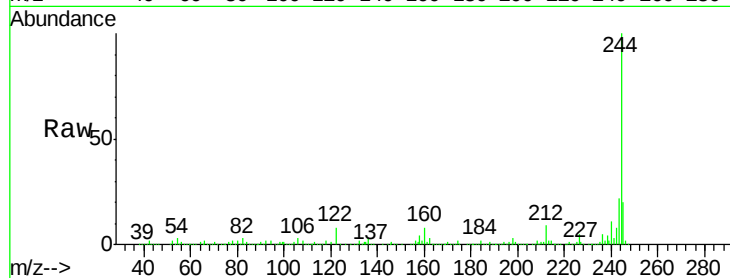
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 523705

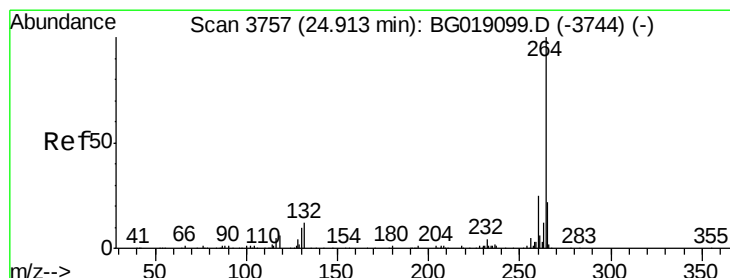
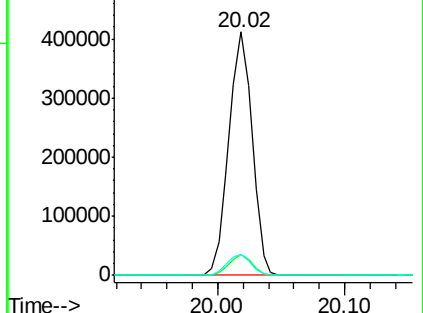
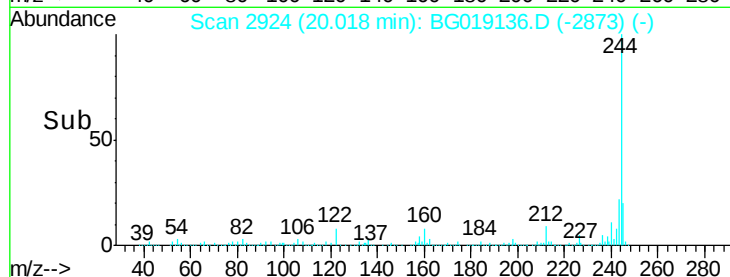
Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.8	10.2
122	8.5	7.4	11.2



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: 24.89 min Scan# 3754

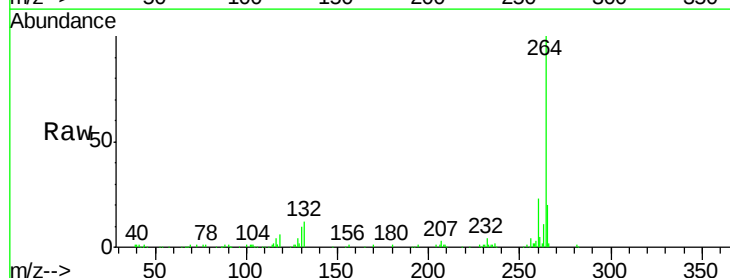
Delta R.T. -0.01 min

Lab File: BG019136.D

Acq: 11 Oct 2015 2:55

Tgt Ion:264 Resp: 154005

Ion	Ratio	Lower	Upper
264	100		
260	23.2	20.1	30.1
265	19.9	17.2	25.8



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

