

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101015\
 Data File : BG019140.D
 Acq On : 11 Oct 2015 5:26
 Operator : UM/NP
 Sample : G3929-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-10

Quant Time: Oct 12 07:25:56 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

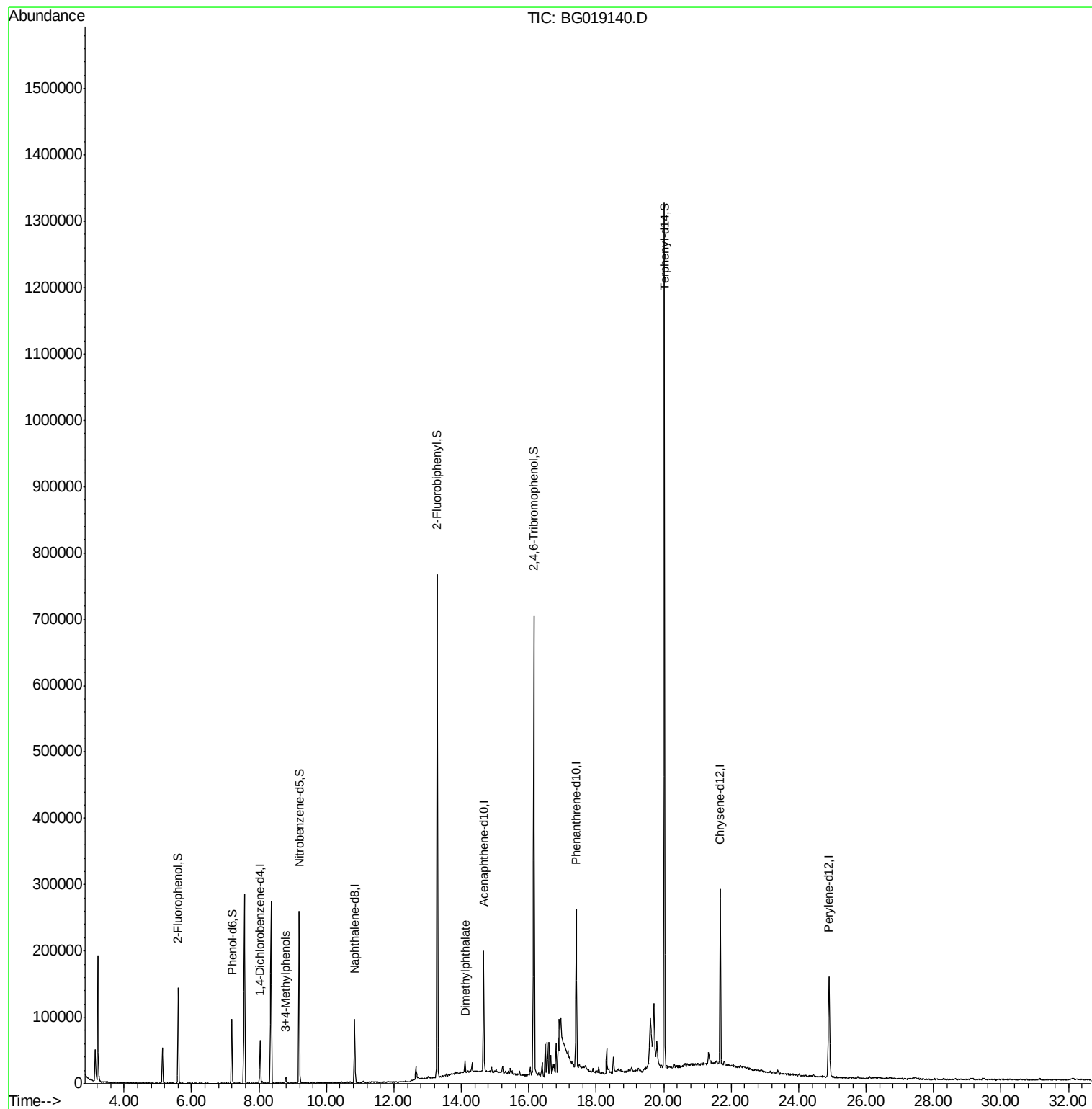
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	16470	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	76002	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	53531	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	134834	20.00	ng	0.00
75) Chrysene-d12	21.67	240	159442	20.00	ng	0.00
86) Perylene-d12	24.90	264	158195	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	52800	65.27	ng	0.00
7) Phenol-d6	7.19	99	50527	40.66	ng	0.00
23) Nitrobenzene-d5	9.19	82	154047	111.99	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	120181	164.75	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	375520	107.86	ng	0.00
78) Terphenyl-d14	20.02	244	547432	90.70	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	8.79	107	4718	3.54	ng	Qvalue 84
49) Dimethylphthalate	14.11	163	10875	2.57	ng	# 95

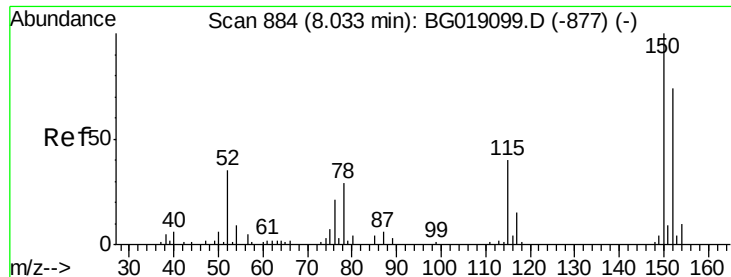
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 12 07:23:23 2015
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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: BG019140.D

Acq: 11 Oct 2015 5:26

Instrument :

BNA_G

ClientSampled :

MW-10

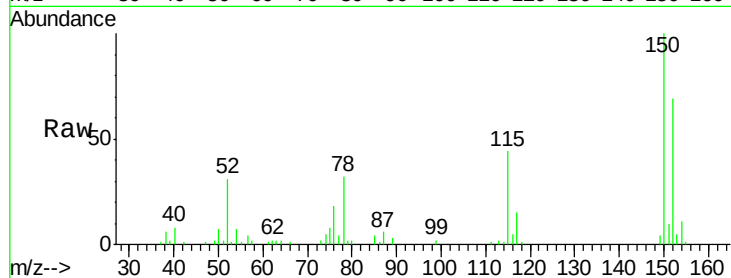
Tot Ion:152 Resp: 16470

Ion Ratio Lower Upper

152 100

150 145.6 108.2 162.2

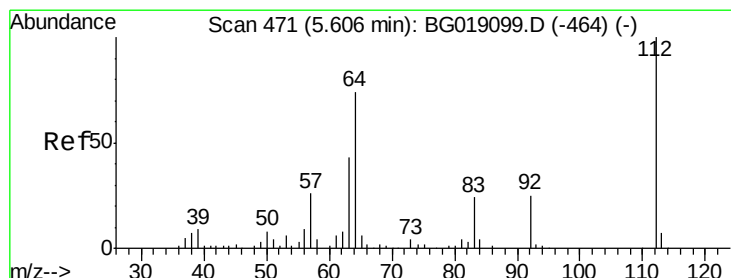
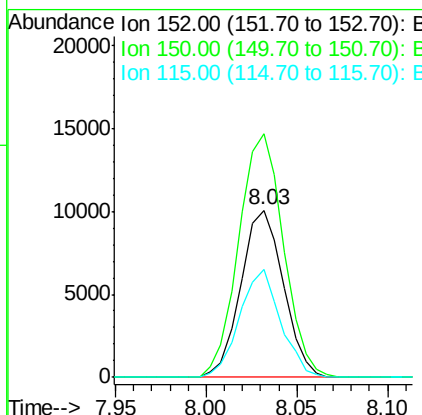
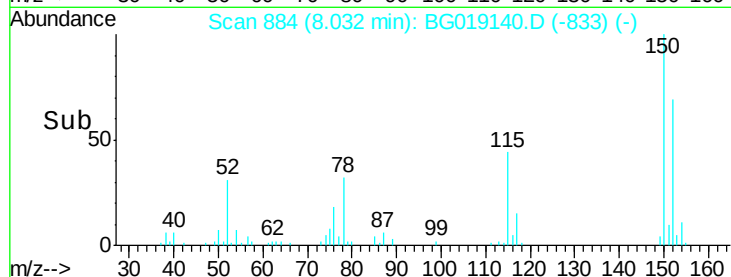
115 64.6 43.2 64.8



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: 65.27 ng

RT: 5.60 min Scan# 471

Delta R.T. 0.00 min

Lab File: BG019140.D

Acq: 11 Oct 2015 5:26

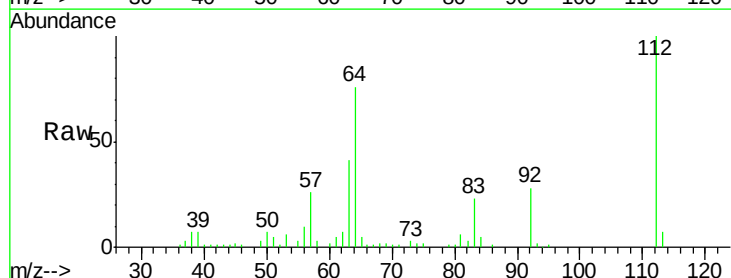
Tgt Ion:112 Resp: 52800

Ion Ratio Lower Upper

112 100

64 76.0 59.0 88.4

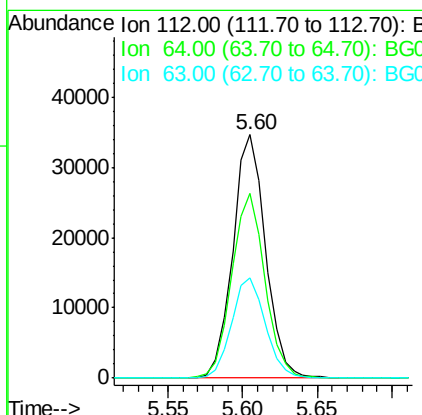
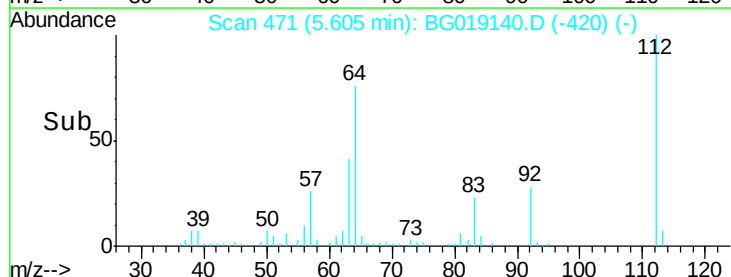
63 41.3 34.7 52.1

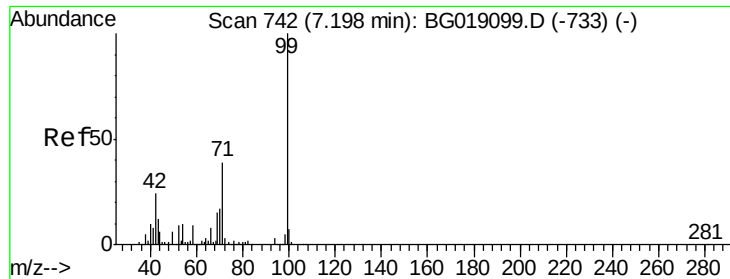


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 40.66 ng

RT: 7.19 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG019140.D

Acq: 11 Oct 2015 5:26

Instrument :

BNA_G

ClientSampleId :

MW-10

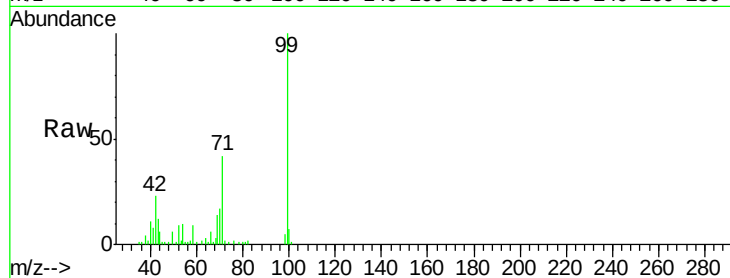
Tot Ion: 99 Resp: 50527

Ion Ratio Lower Upper

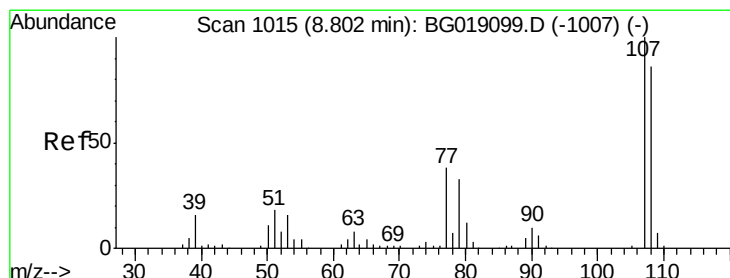
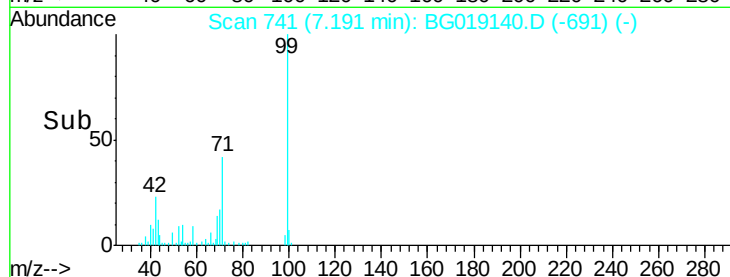
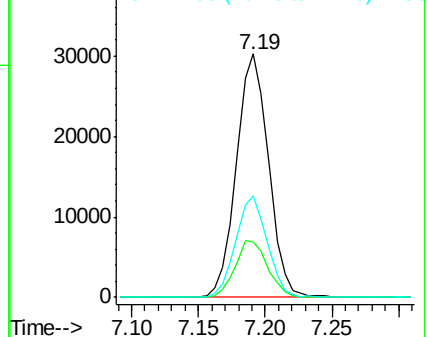
99 100

42 22.8 19.5 29.3

71 41.5 31.4 47.0



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



#20

3+4-Methylphenols

Concen: 3.54 ng

RT: 8.79 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BG019140.D

Acq: 11 Oct 2015 5:26

Tgt Ion: 107 Resp: 4718

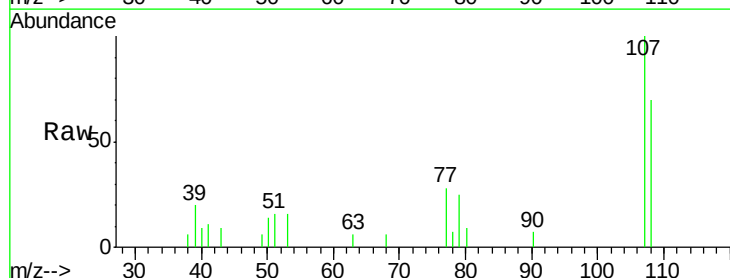
Ion Ratio Lower Upper

107 100

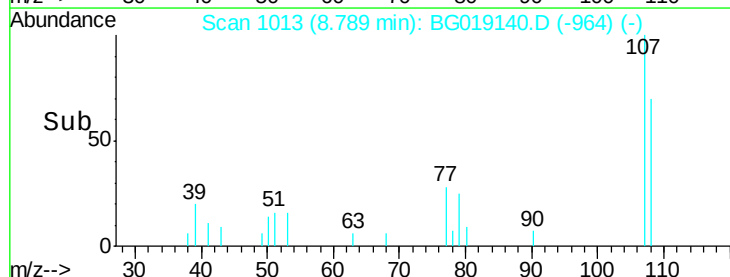
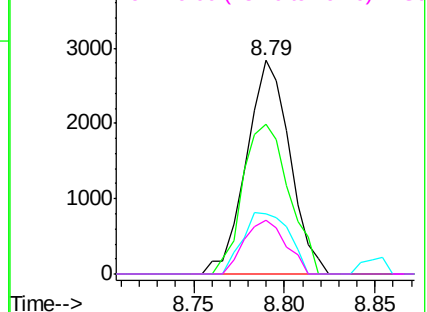
108 70.4 66.2 106.2

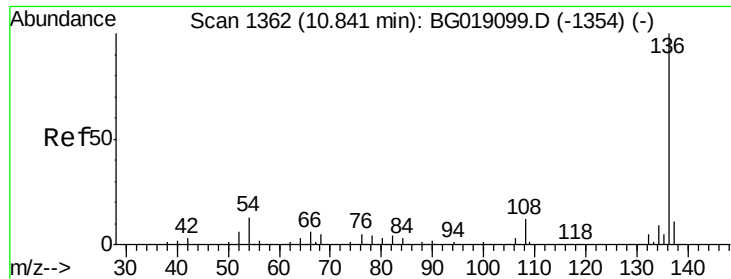
77 28.0 17.8 57.8

79 25.3 12.9 52.9



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.83 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BG019140.D

Acq: 11 Oct 2015 5:26

Instrument :

BNA_G

ClientSampleId :

MW-10

Tot Ion:136 Resp: 76002

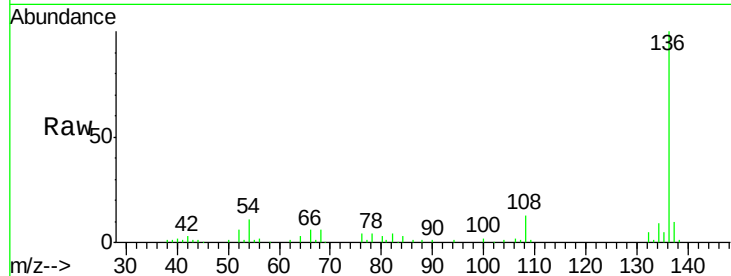
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.4

54 11.4 10.1 15.1

68 5.8 4.4 6.6

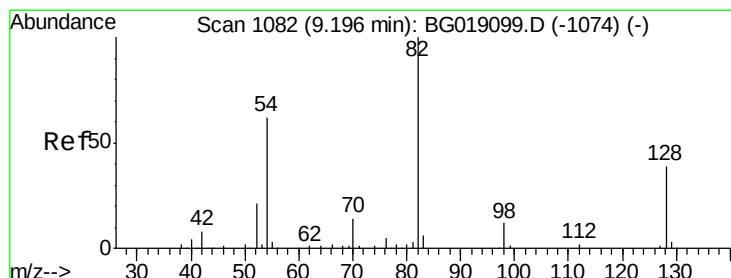
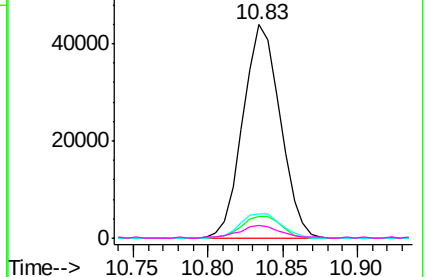
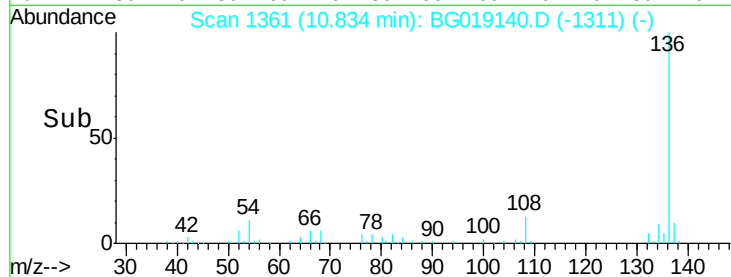


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 111.99 ng

RT: 9.19 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BG019140.D

Acq: 11 Oct 2015 5:26

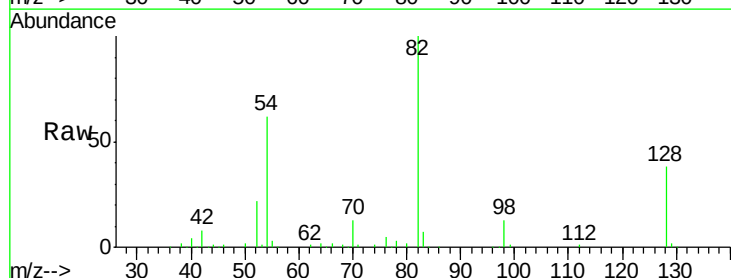
Tgt Ion: 82 Resp: 154047

Ion Ratio Lower Upper

82 100

128 38.0 31.4 47.2

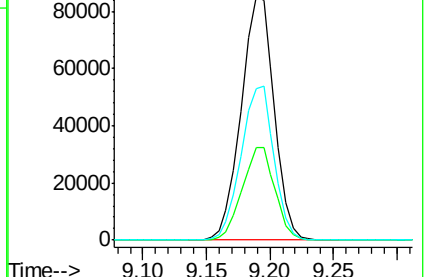
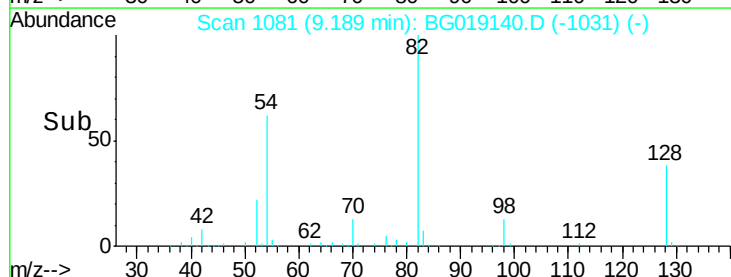
54 62.5 50.0 75.0

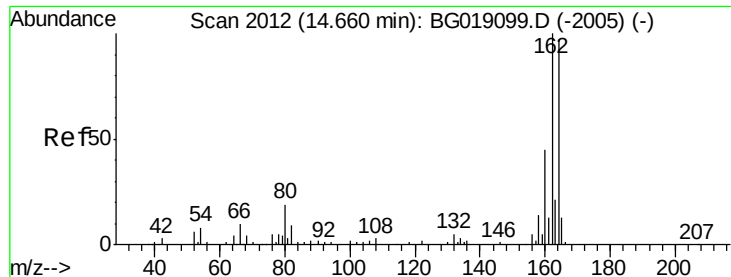


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.66 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BG019140.D

Acq: 11 Oct 2015 5:26

Instrument :

BNA_G

ClientSampleId :

MW-10

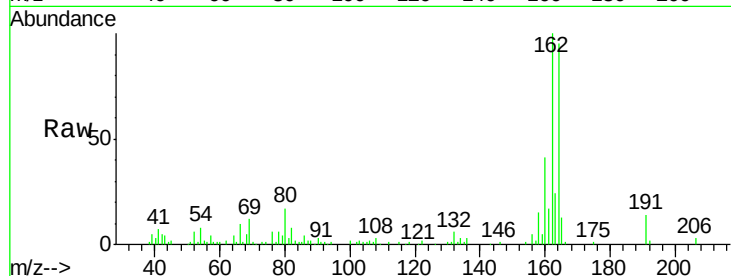
Tot Ion:164 Resp: 53531

Ion Ratio Lower Upper

164 100

162 105.4 82.6 124.0

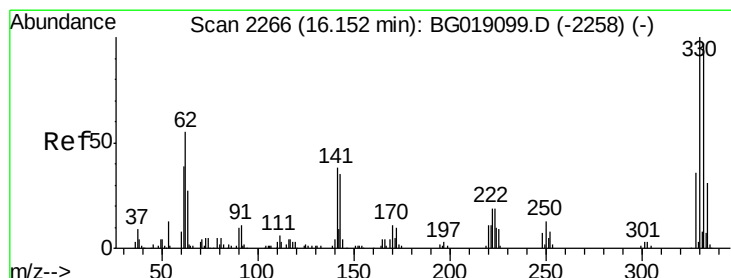
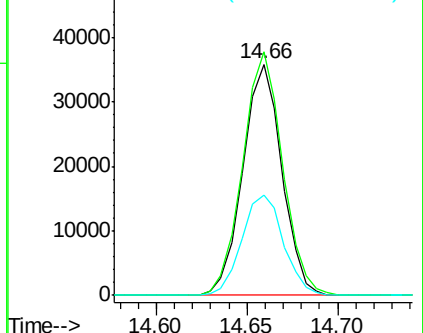
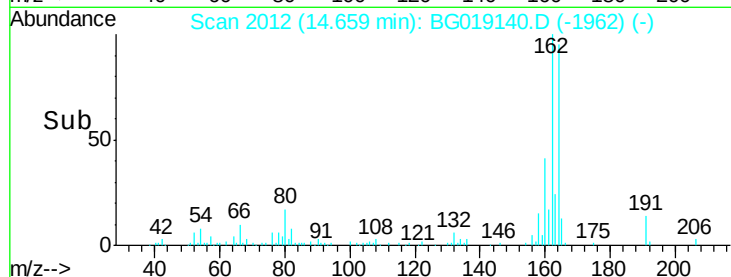
160 43.6 36.9 55.3



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: 164.75 ng

RT: 16.15 min Scan# 2265

Delta R.T. -0.01 min

Lab File: BG019140.D

Acq: 11 Oct 2015 5:26

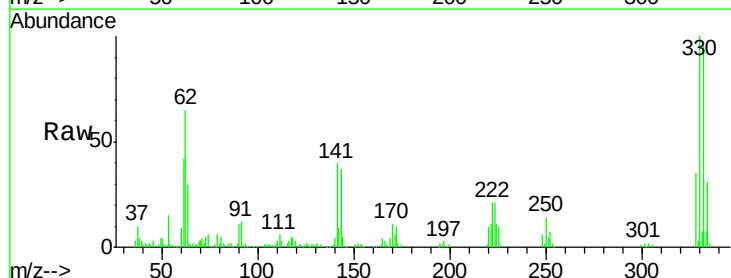
Tgt Ion:330 Resp: 120181

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

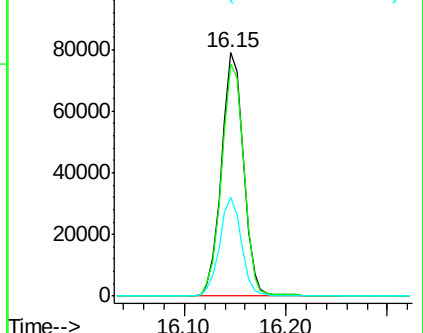
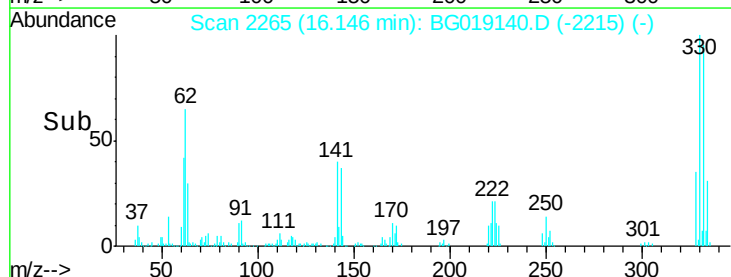
141 39.7 30.7 46.1

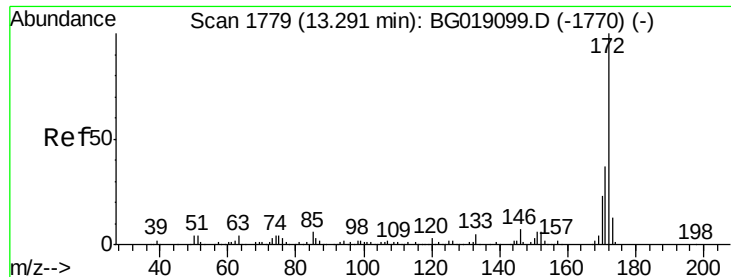


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

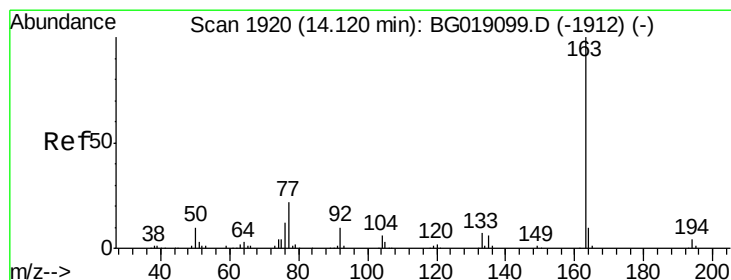
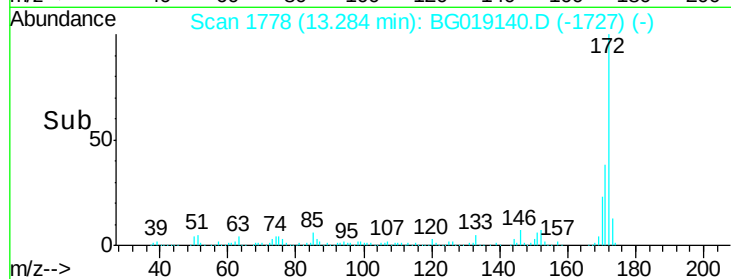
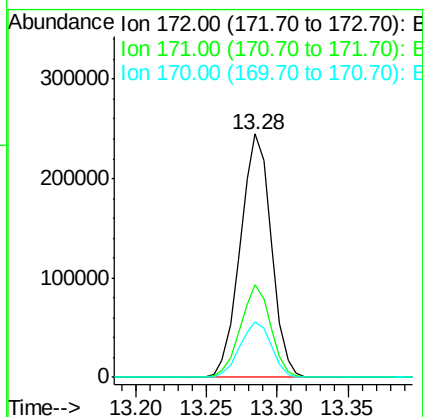
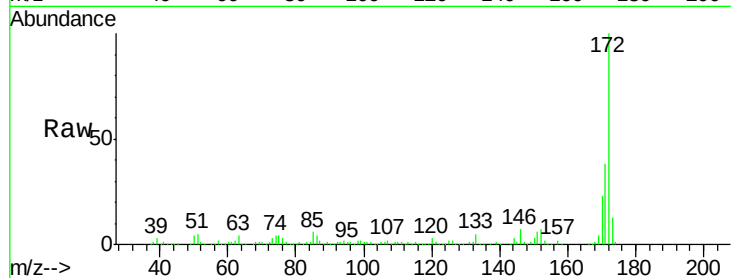




#44
2-Fluorobiphenyl
Concen: 107.86 ng
RT: 13.28 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BG019140.D
Acq: 11 Oct 2015 5:26

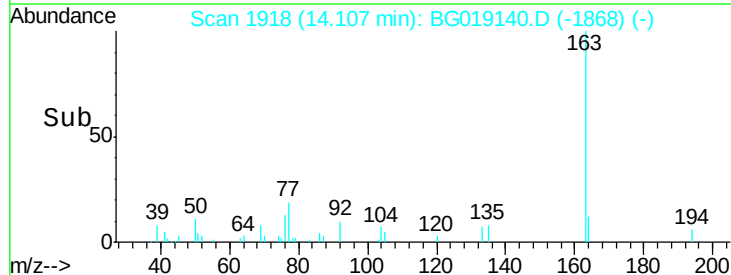
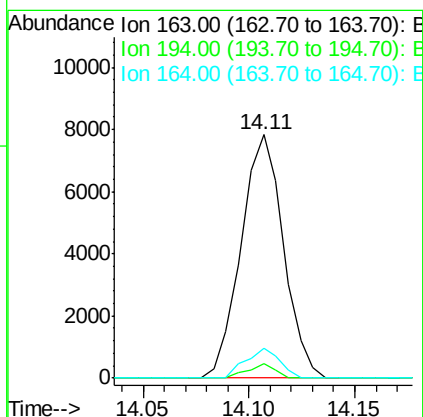
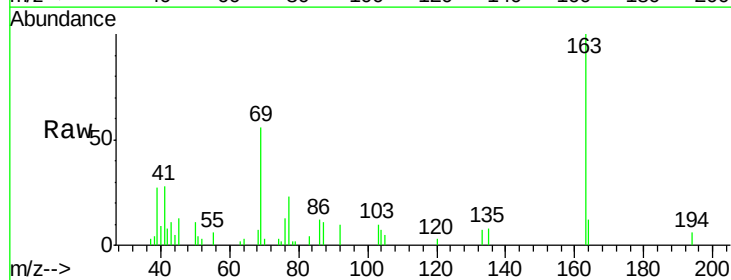
Instrument :
BNA_G
ClientSampleId :
MW-10

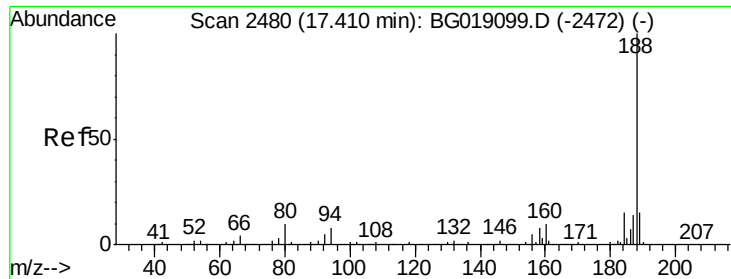
Tot Ion:172 Resp: 375520
Ion Ratio Lower Upper
172 100
171 37.8 29.9 44.9
170 22.6 18.6 27.8



#49
Dimethylphthalate
Concen: 2.57 ng
RT: 14.11 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BG019140.D
Acq: 11 Oct 2015 5:26

Tgt Ion:163 Resp: 10875
Ion Ratio Lower Upper
163 100
194 5.8 3.2 4.8#
164 12.1 8.1 12.1

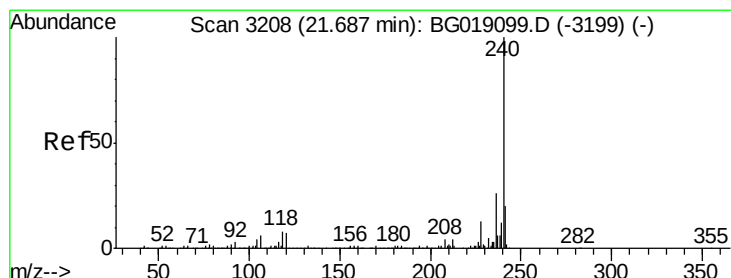
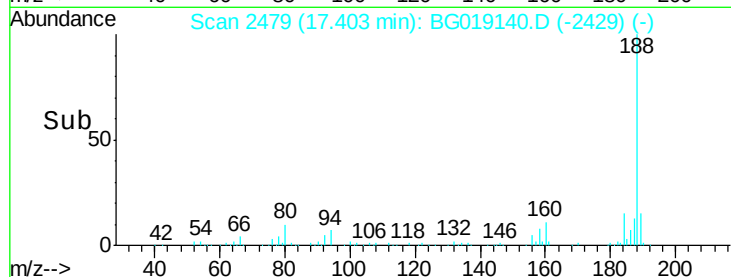
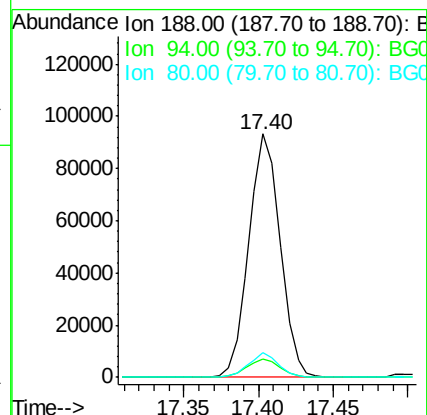
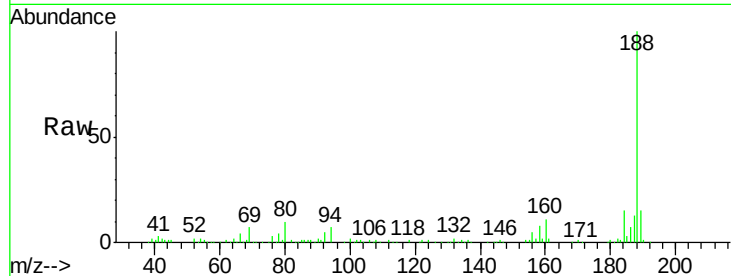




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.40 min Scan# 2479
Delta R.T. -0.01 min
Lab File: BG019140.D
Acq: 11 Oct 2015 5:26

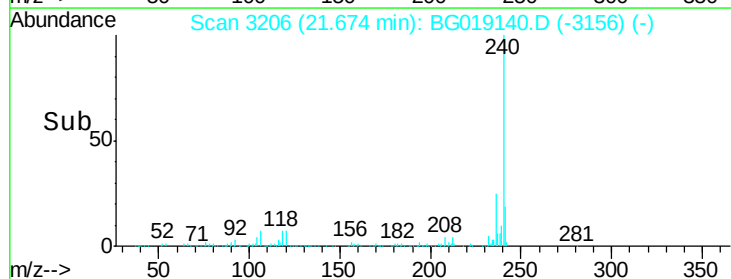
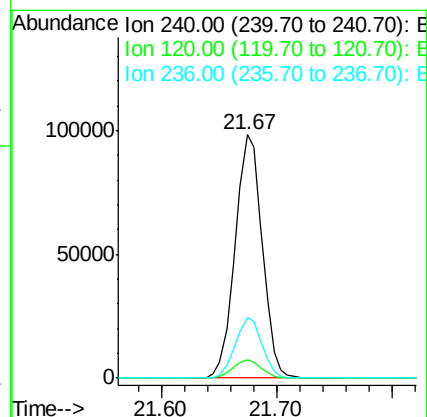
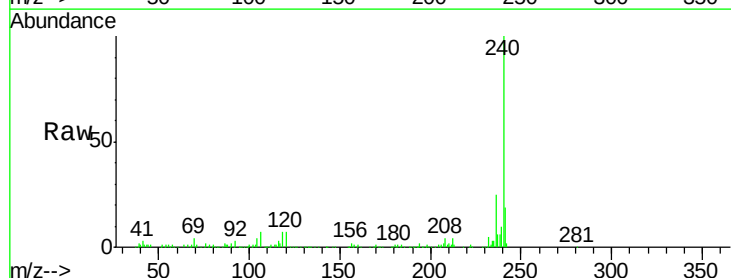
Instrument :
BNA_G
ClientSampleId :
MW-10

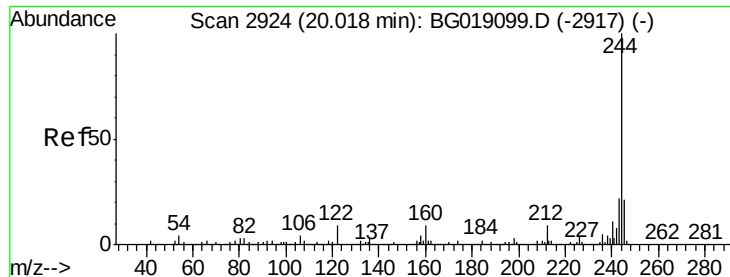
Tot Ion:188 Resp: 134834
Ion Ratio Lower Upper
188 100
94 7.5 6.4 9.6
80 10.0 7.6 11.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.67 min Scan# 3206
Delta R.T. -0.01 min
Lab File: BG019140.D
Acq: 11 Oct 2015 5:26

Tgt Ion:240 Resp: 159442
Ion Ratio Lower Upper
240 100
120 7.4 5.8 8.6
236 24.8 21.2 31.8





#78

Terphenyl-d14

Concen: 90.70 ng

RT: 20.02 min Scan# 2924

Delta R.T. 0.00 min

Lab File: BG019140.D

Acq: 11 Oct 2015 5:26

Instrument :

BNA_G

ClientSampled :

MW-10

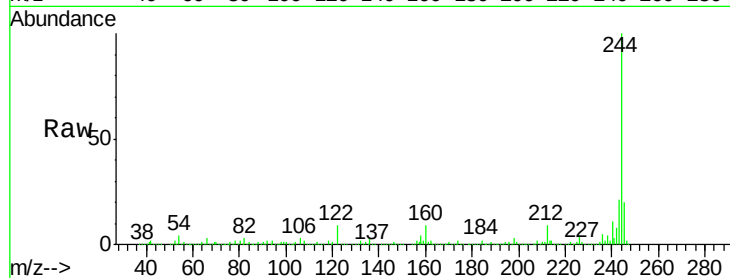
Tot Ion:244 Resp: 547432

Ion Ratio Lower Upper

244 100

212 8.9 6.8 10.2

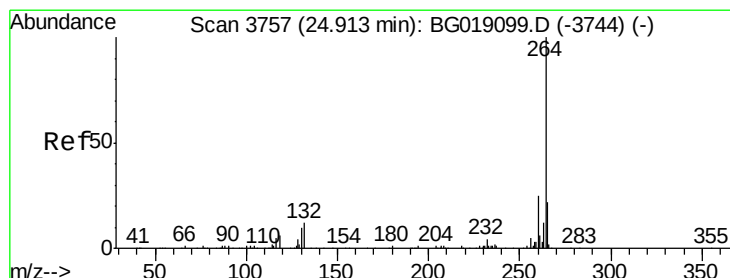
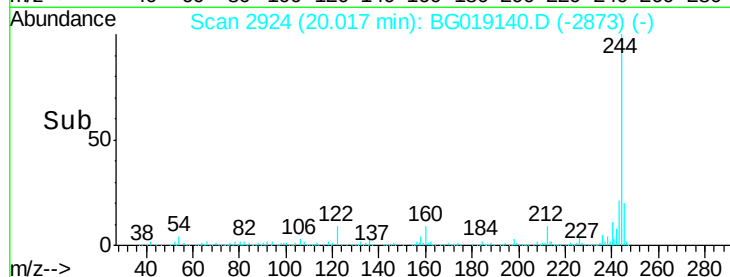
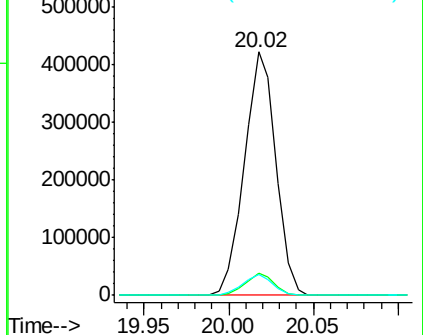
122 8.7 7.4 11.2



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: 24.90 min Scan# 3755

Delta R.T. -0.01 min

Lab File: BG019140.D

Acq: 11 Oct 2015 5:26

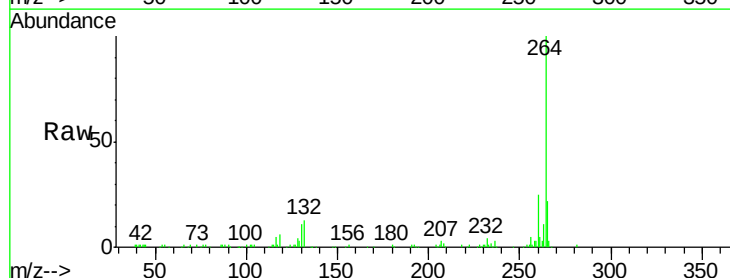
Tgt Ion:264 Resp: 158195

Ion Ratio Lower Upper

264 100

260 24.8 20.1 30.1

265 21.7 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

