

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073116\
 Data File : BG023373.D
 Acq On : 31 Jul 2016 18:17
 Operator : UM/SJ
 Sample : H4285-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 01 01:27:28 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

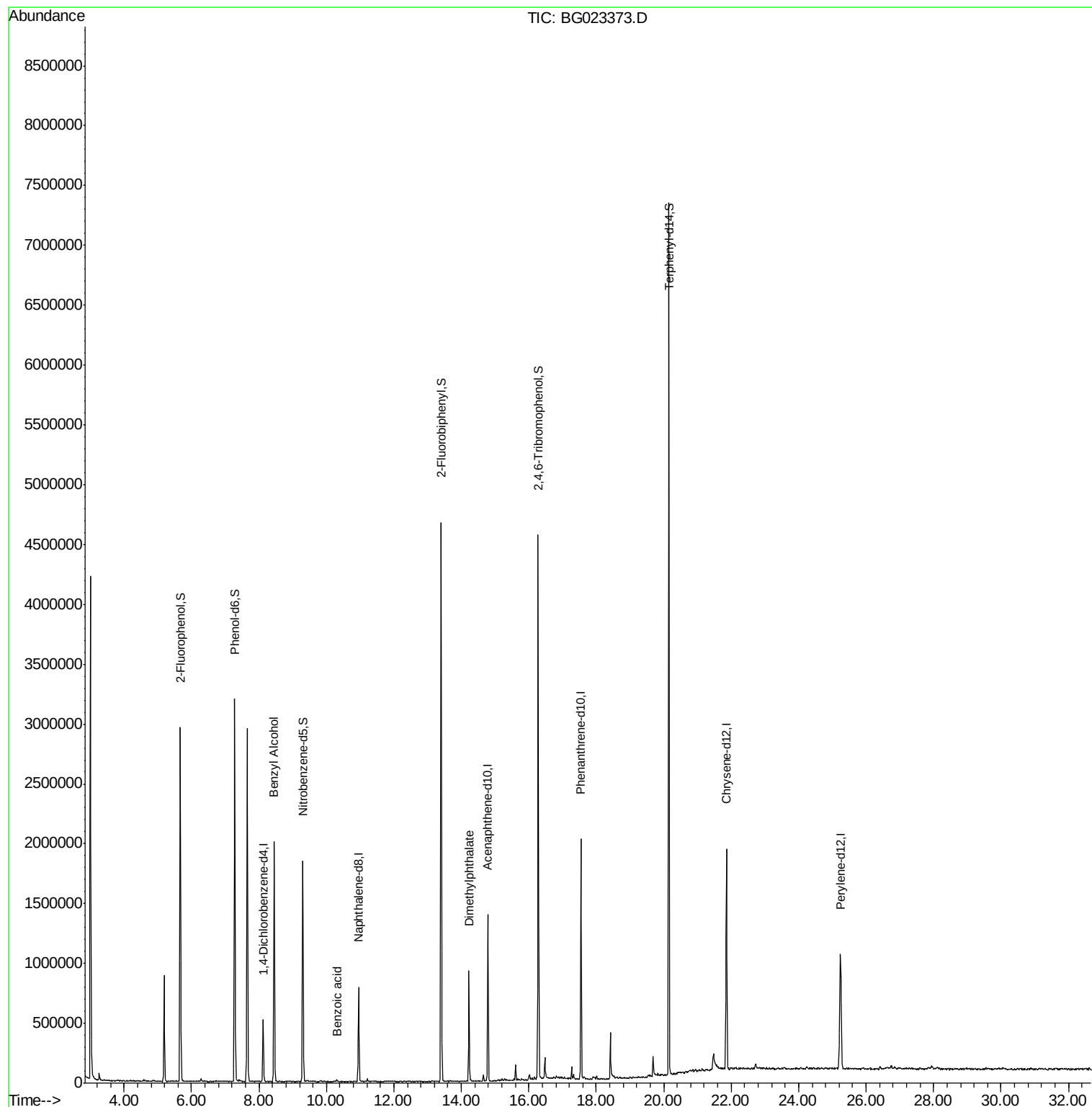
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	142538	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	667762	20.00	ng	-0.02
38) Acenaphthene-d10	14.79	164	472681	20.00	ng	-0.02
63) Phenanthrene-d10	17.54	188	1196792	20.00	ng	-0.03
75) Chrysene-d12	21.86	240	1066787	20.00	ng	-0.03
86) Perylene-d12	25.24	264	1094930	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	1278852	153.17	ng	0.00
7) Phenol-d6	7.28	99	1908696	148.90	ng	0.00
23) Nitrobenzene-d5	9.30	82	1228038	89.93	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	823800	168.38	ng	-0.03
44) 2-Fluorobiphenyl	13.40	172	2291913	90.75	ng	-0.02
78) Terphenyl-d14	20.16	244	2716224	82.77	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.45	79	19337	2.24	ng	# 46
32) Benzoic acid	10.33	122	94	8.12	ng	# 14
49) Dimethylphthalate	14.22	163	604410	17.33	ng	98

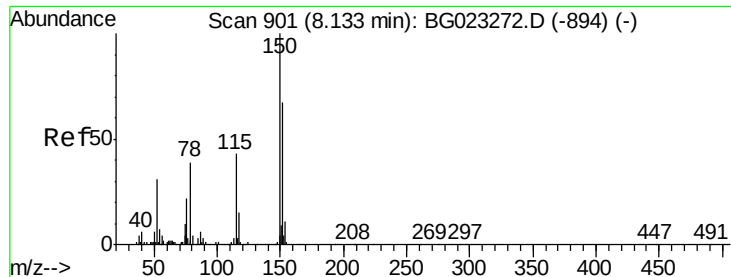
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 900

Delta R.T. -0.02 min

Lab File: BG023373.D

Acq: 31 Jul 2016 18:17

Instrument :

BNA_G

ClientSampleId :

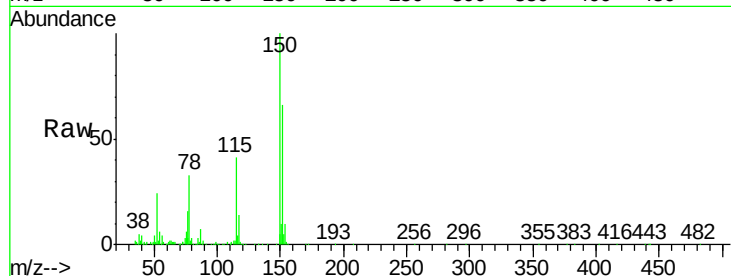
Tot Ion:152 Resp: 142538

Ion Ratio Lower Upper

152 100

150 151.5 144.7 217.1

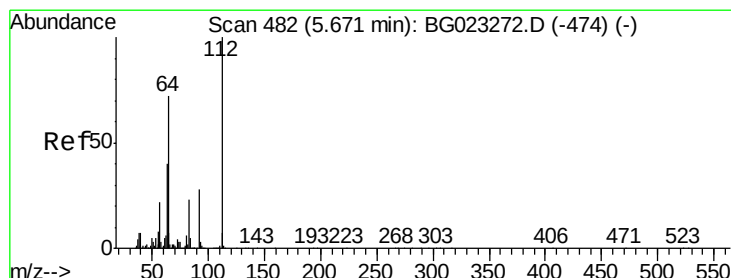
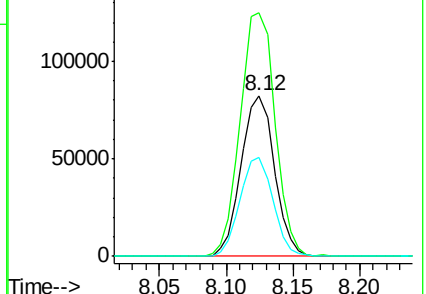
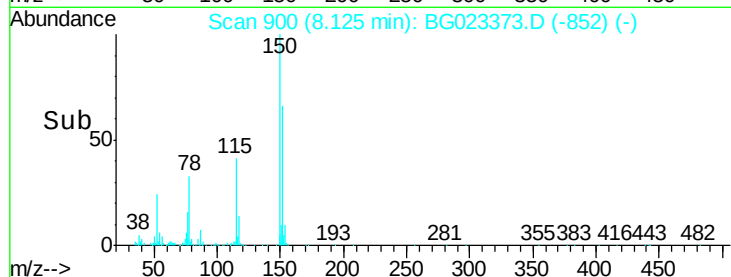
115 61.9 64.0 96.0#



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: 153.17 ng

RT: 5.66 min Scan# 481

Delta R.T. -0.01 min

Lab File: BG023373.D

Acq: 31 Jul 2016 18:17

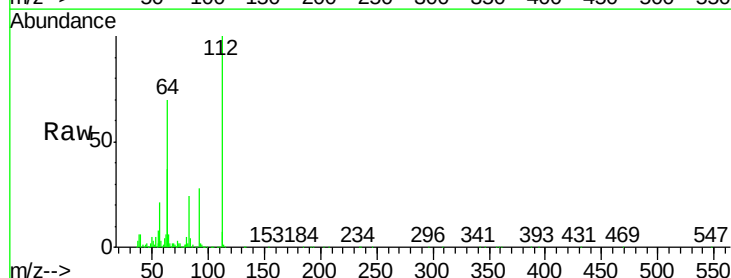
Tgt Ion:112 Resp: 1278852

Ion Ratio Lower Upper

112 100

64 70.5 59.0 88.4

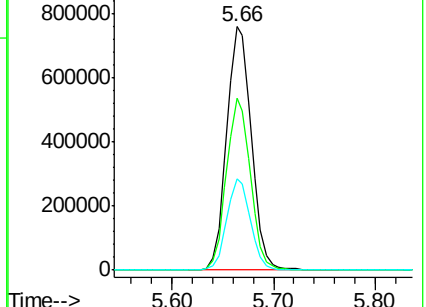
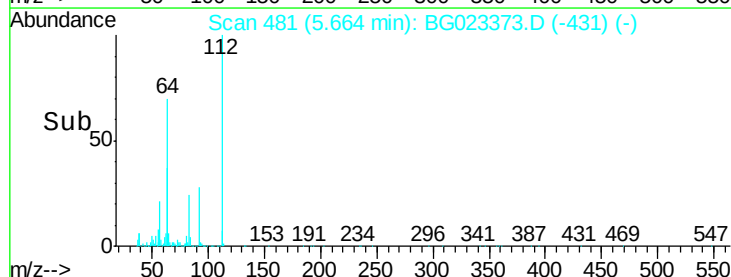
63 37.4 37.8 56.8#

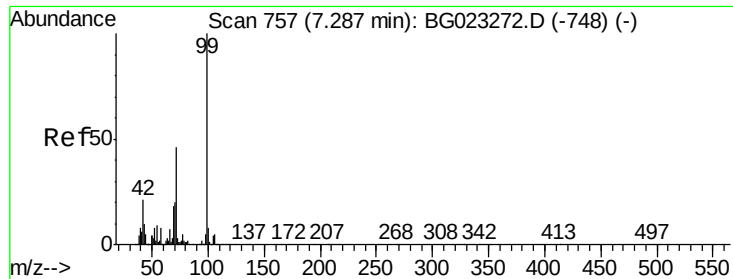


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 148.90 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG023373.D

Acq: 31 Jul 2016 18:17

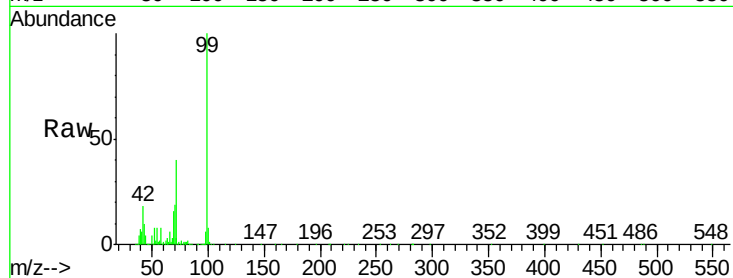
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1908696

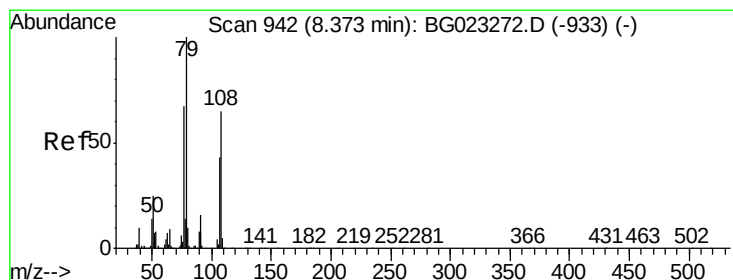
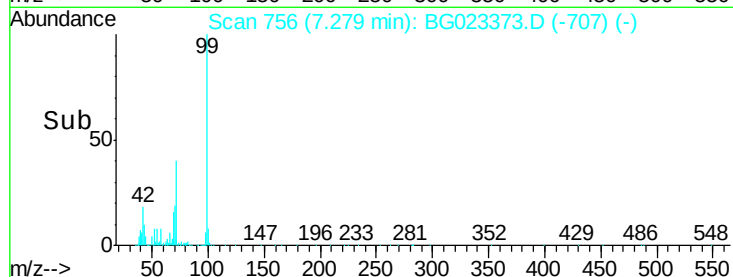
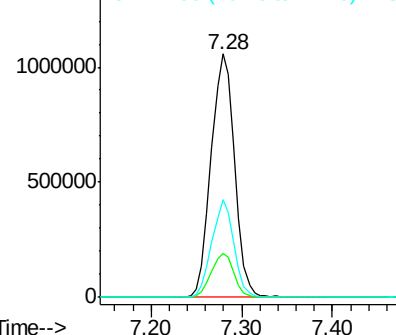
Ion	Ratio	Lower	Upper
99	100		
42	18.0	17.8	26.6
71	40.4	41.5	62.3



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



#15

Benzyl Alcohol

Concen: 2.24 ng

RT: 8.45 min Scan# 955

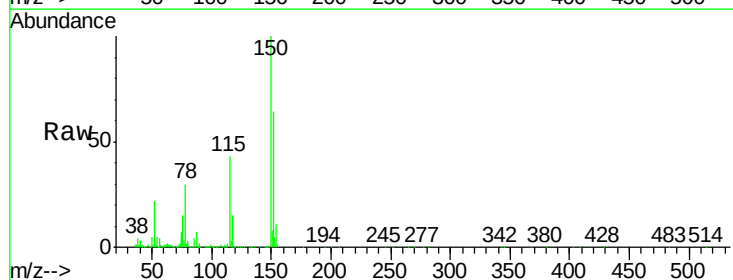
Delta R.T. 0.07 min

Lab File: BG023373.D

Acq: 31 Jul 2016 18:17

Tgt Ion: 79 Resp: 19337

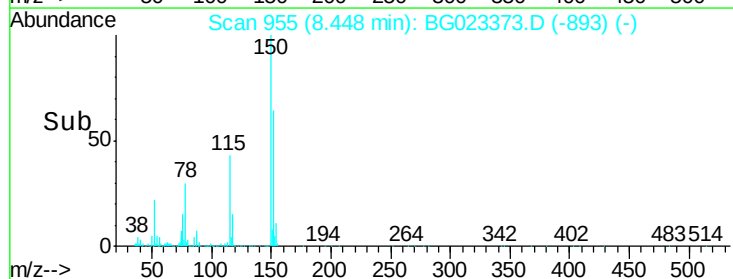
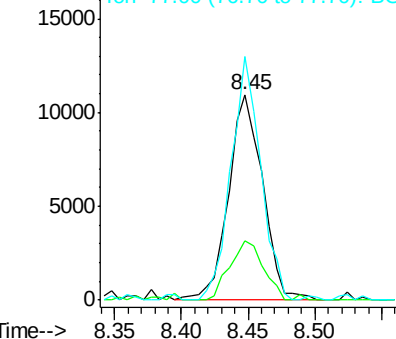
Ion	Ratio	Lower	Upper
79	100		
108	28.7	46.5	69.7
77	118.3	52.3	78.5

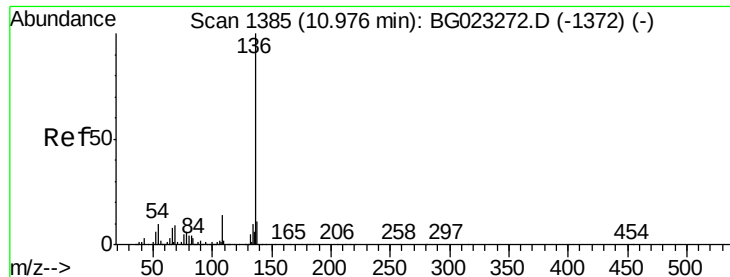


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.96 min Scan# 1382

Delta R.T. -0.02 min

Lab File: BG023373.D

Acq: 31 Jul 2016 18:17

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 667762

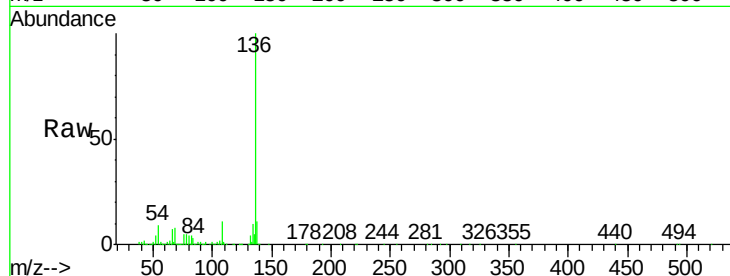
Ion Ratio Lower Upper

136 100

137 11.0 9.6 14.4

54 9.1 7.3 10.9

68 7.9 5.3 7.9

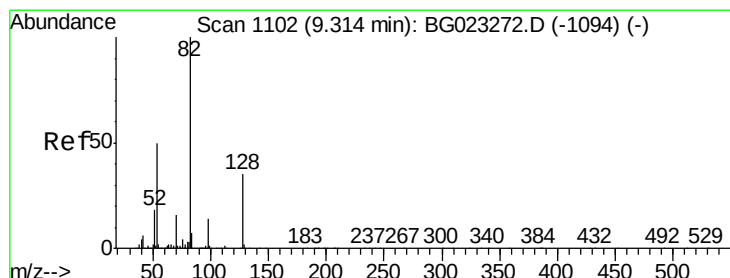
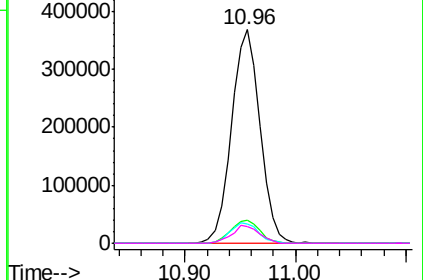
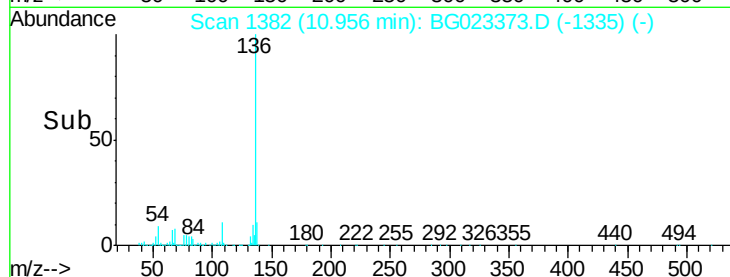


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.93 ng

RT: 9.30 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BG023373.D

Acq: 31 Jul 2016 18:17

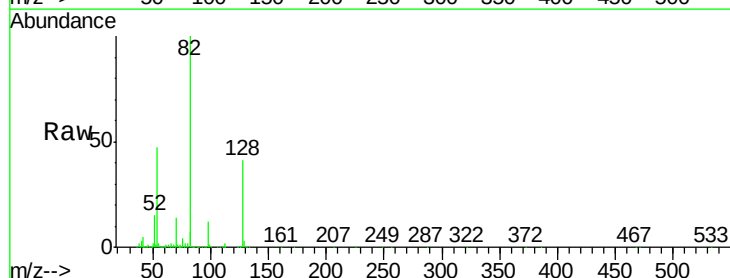
Tgt Ion: 82 Resp: 1228038

Ion Ratio Lower Upper

82 100

128 40.7 24.4 36.6#

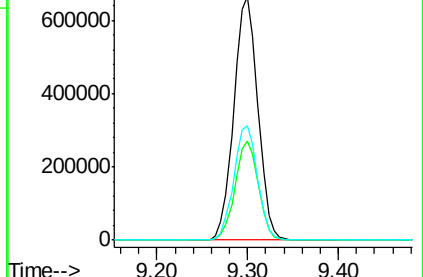
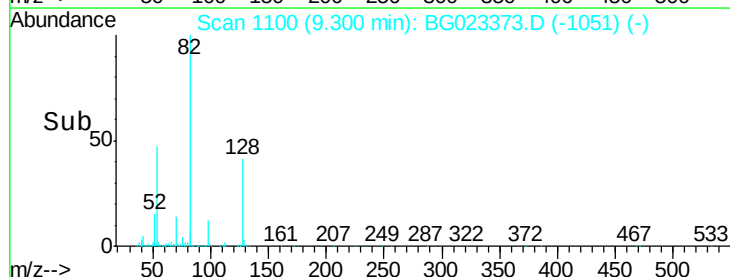
54 46.8 41.4 62.0

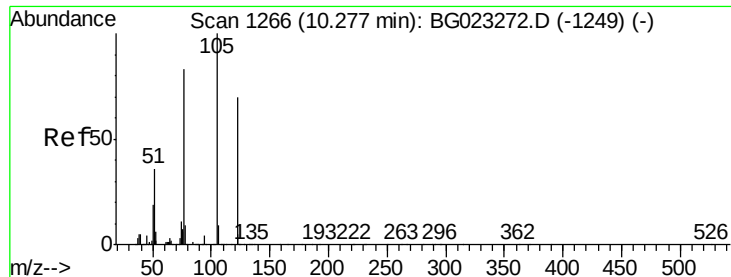


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

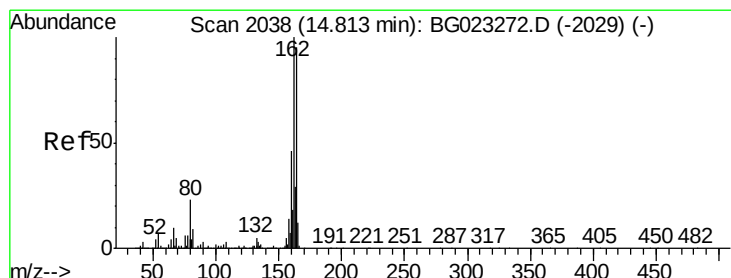
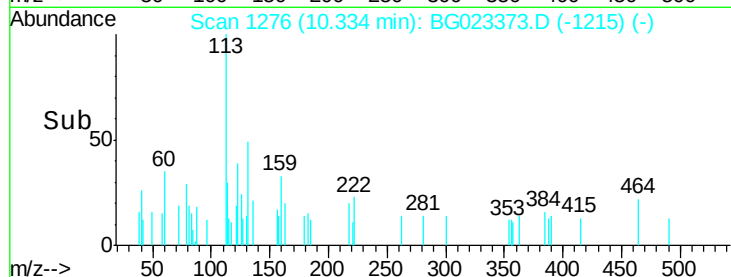
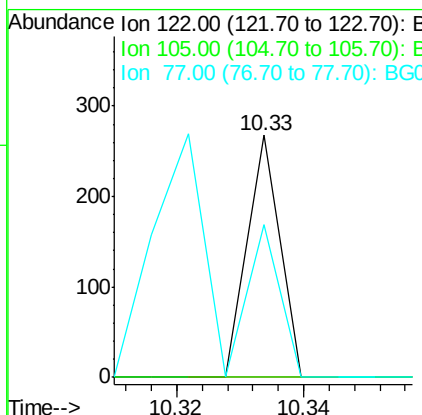
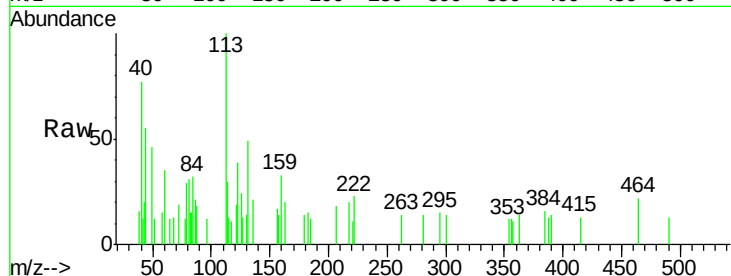




#32
Benzoic acid
Concen: 8.12 ng
RT: 10.33 min Scan# 1276
Delta R.T. 0.06 min
Lab File: BG023373.D
Acq: 31 Jul 2016 18:17

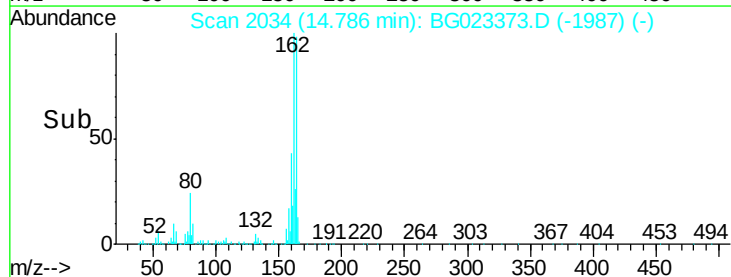
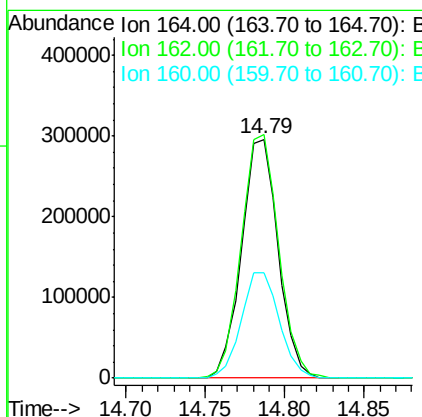
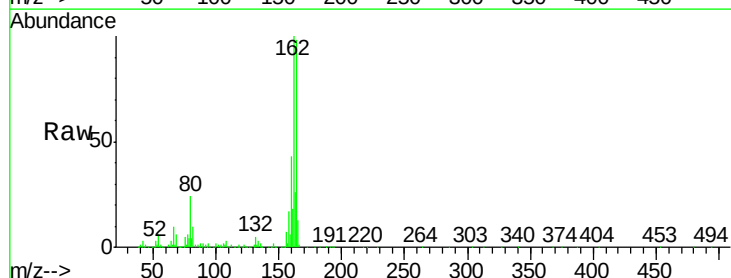
Instrument :
BNA_G
ClientSampleId :

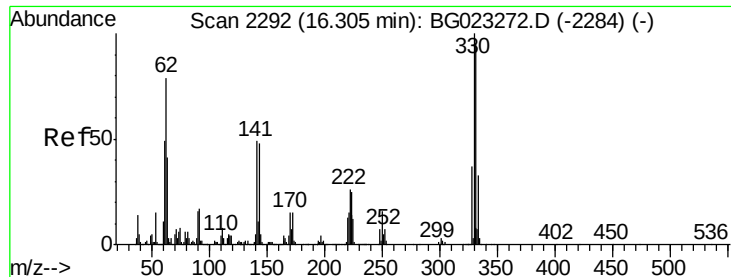
Tot Ion:122 Resp: 94
Ion Ratio Lower Upper
122 100
105 0.0 117.2 157.2#
77 63.1 109.2 149.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BG023373.D
Acq: 31 Jul 2016 18:17

Tgt Ion:164 Resp: 472681
Ion Ratio Lower Upper
164 100
162 102.0 87.7 131.5
160 44.3 37.2 55.8

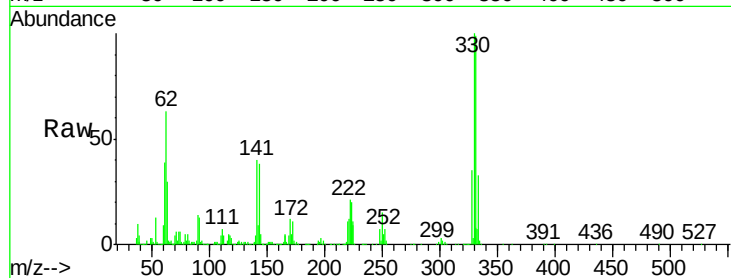




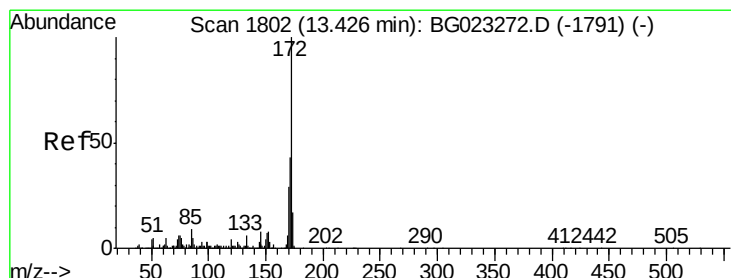
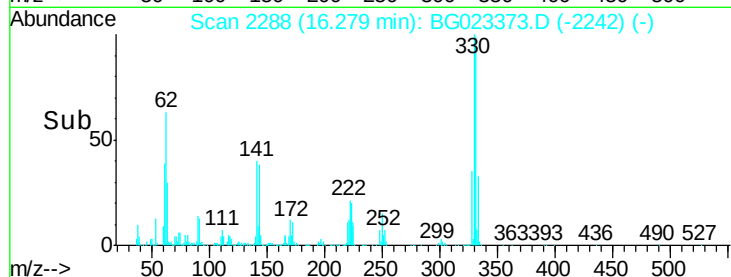
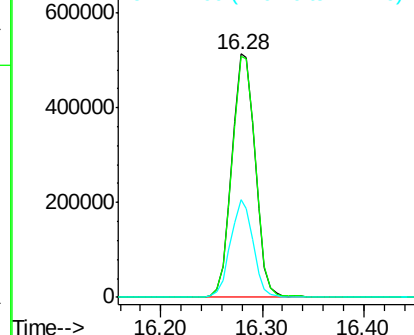
#41
 2,4,6-Tribromophenol
 Concen: 168.38 ng
 RT: 16.28 min Scan# 2288
 Delta R.T. -0.03 min
 Lab File: BG023373.D
 Acq: 31 Jul 2016 18:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 823800
 Ion Ratio Lower Upper
 330 100
 332 99.3 77.4 116.2
 141 38.8 31.7 47.5

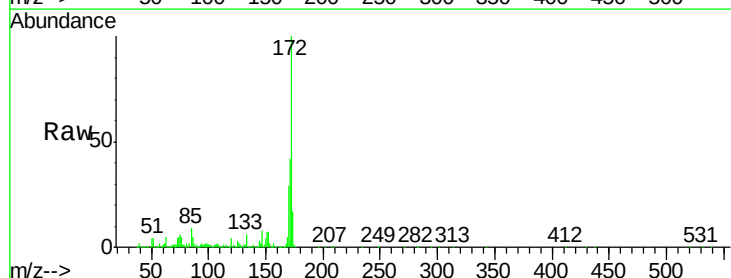


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

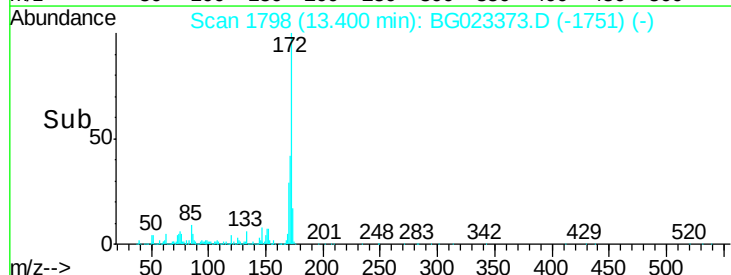
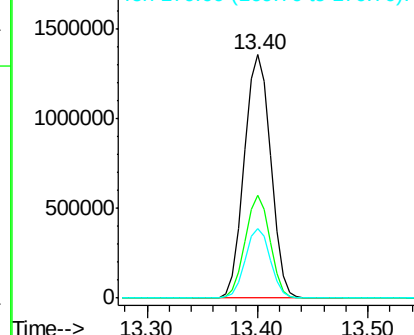


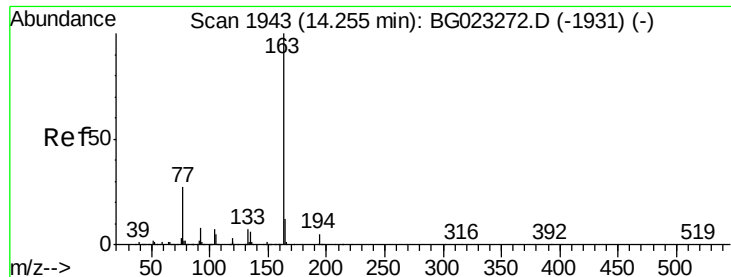
#44
 2-Fluorobiphenyl
 Concen: 90.75 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: BG023373.D
 Acq: 31 Jul 2016 18:17

Tgt Ion:172 Resp: 2291913
 Ion Ratio Lower Upper
 172 100
 171 42.3 31.6 47.4
 170 28.7 21.3 31.9



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 17.33 ng

RT: 14.22 min Scan# 1938

Delta R.T. -0.03 min

Lab File: BG023373.D

Acq: 31 Jul 2016 18:17

Instrument :

BNA_G

ClientSampleId :

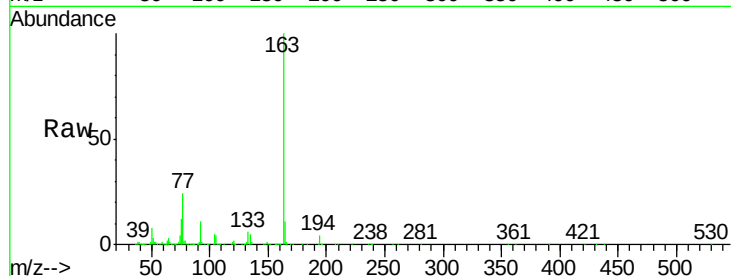
Tot Ion:163 Resp: 604410

Ion Ratio Lower Upper

163 100

194 3.8 3.6 5.4

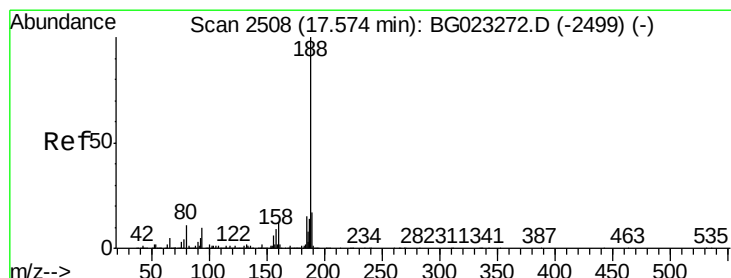
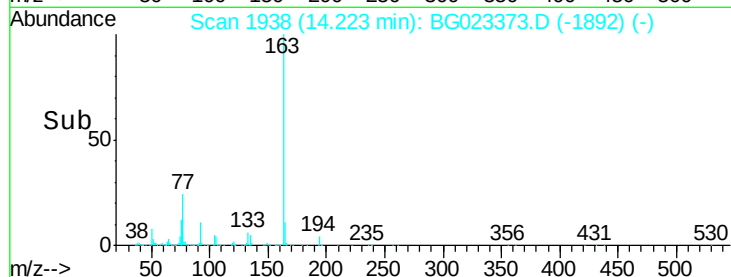
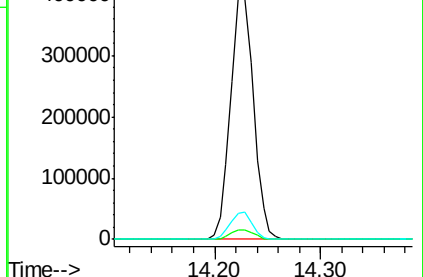
164 10.6 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.54 min Scan# 2503

Delta R.T. -0.03 min

Lab File: BG023373.D

Acq: 31 Jul 2016 18:17

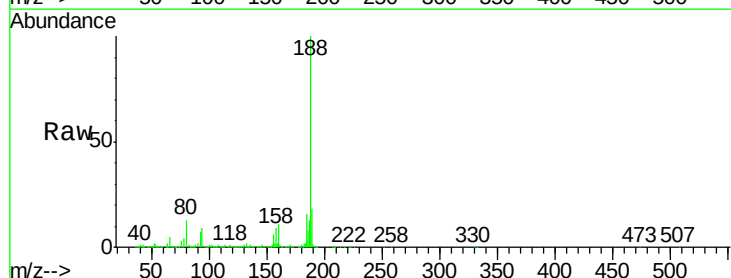
Tgt Ion:188 Resp: 1196792

Ion Ratio Lower Upper

188 100

94 9.4 5.2 7.8#

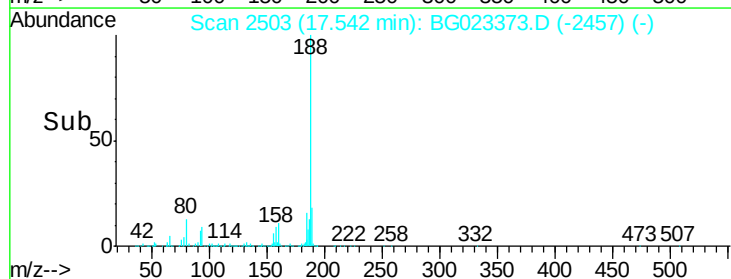
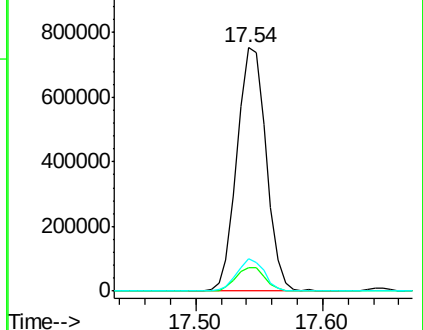
80 13.4 7.2 10.8#

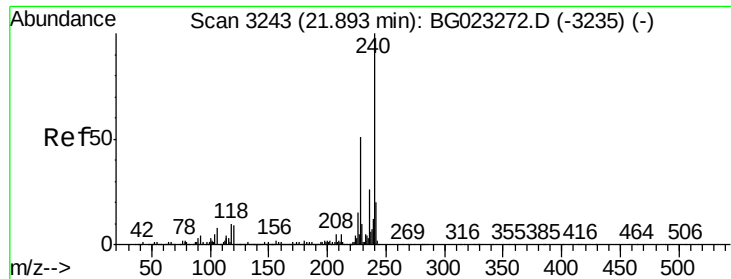


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.86 min Scan# 3238

Delta R.T. -0.03 min

Lab File: BG023373.D

Acq: 31 Jul 2016 18:17

Instrument :

BNA_G

ClientSampleId :

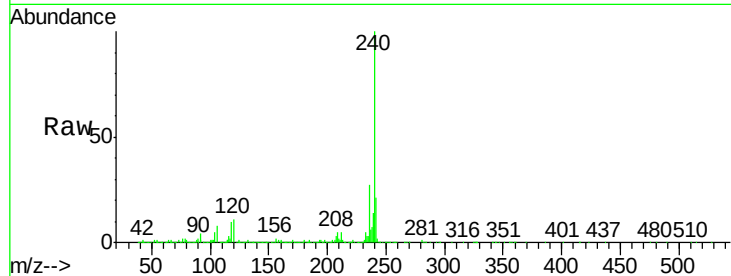
Tot Ion:240 Resp: 1066787

Ion Ratio Lower Upper

240 100

120 11.2 4.1 6.1#

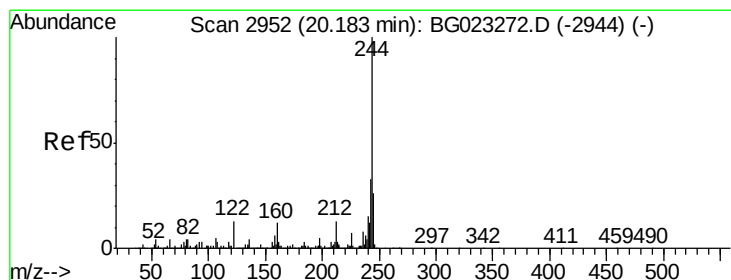
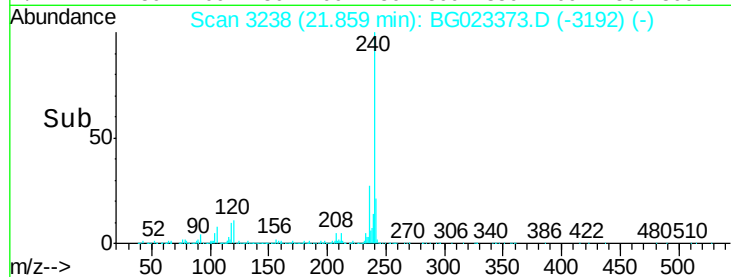
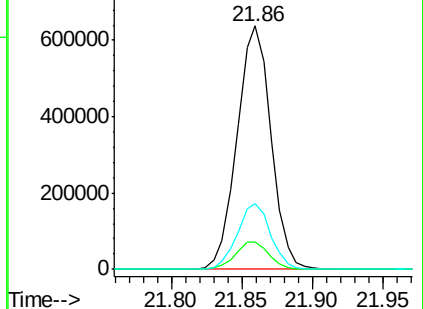
236 27.2 21.1 31.7



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: 82.77 ng

RT: 20.16 min Scan# 2948

Delta R.T. -0.02 min

Lab File: BG023373.D

Acq: 31 Jul 2016 18:17

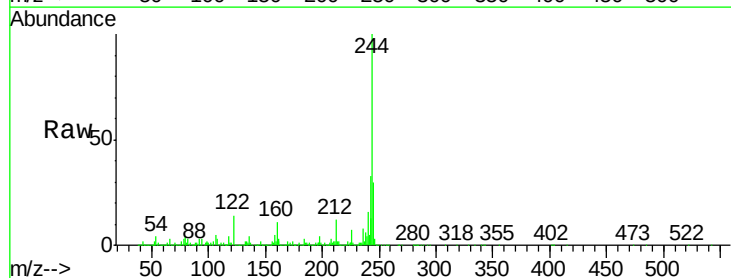
Tgt Ion:244 Resp: 2716224

Ion Ratio Lower Upper

244 100

212 12.1 10.8 16.2

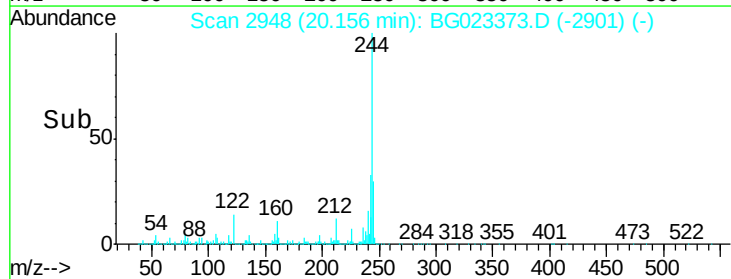
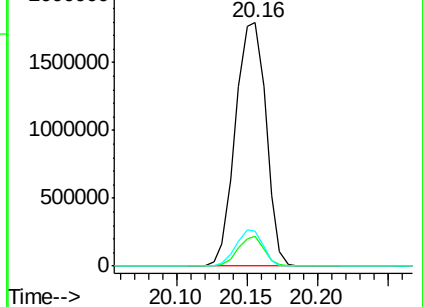
122 14.2 8.0 12.0#

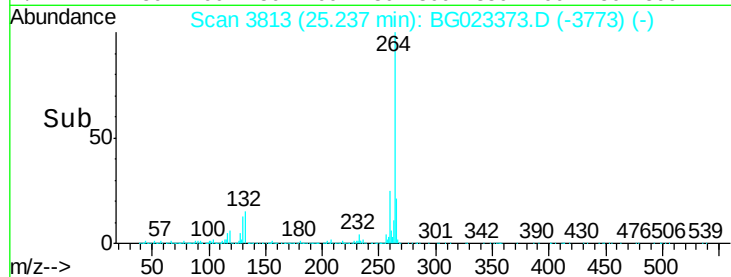
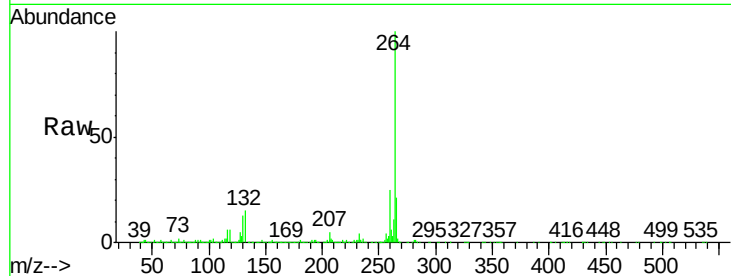
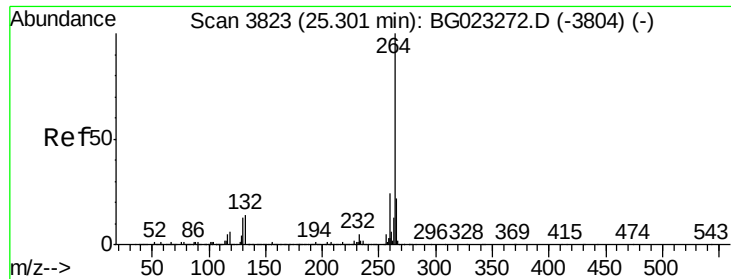


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.24 min Scan# 3813
 Delta R.T. -0.07 min
 Lab File: BG023373.D
 Acq: 31 Jul 2016 18:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 264 Resp: 1094930

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.4	27.6
265	21.1	18.9	28.3

