

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073016\
 Data File : BG023342.D
 Acq On : 29 Jul 2016 20:30
 Operator : UM/SJ
 Sample : H4176-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-26-8.0-15.0

Quant Time: Jul 30 01:15:34 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

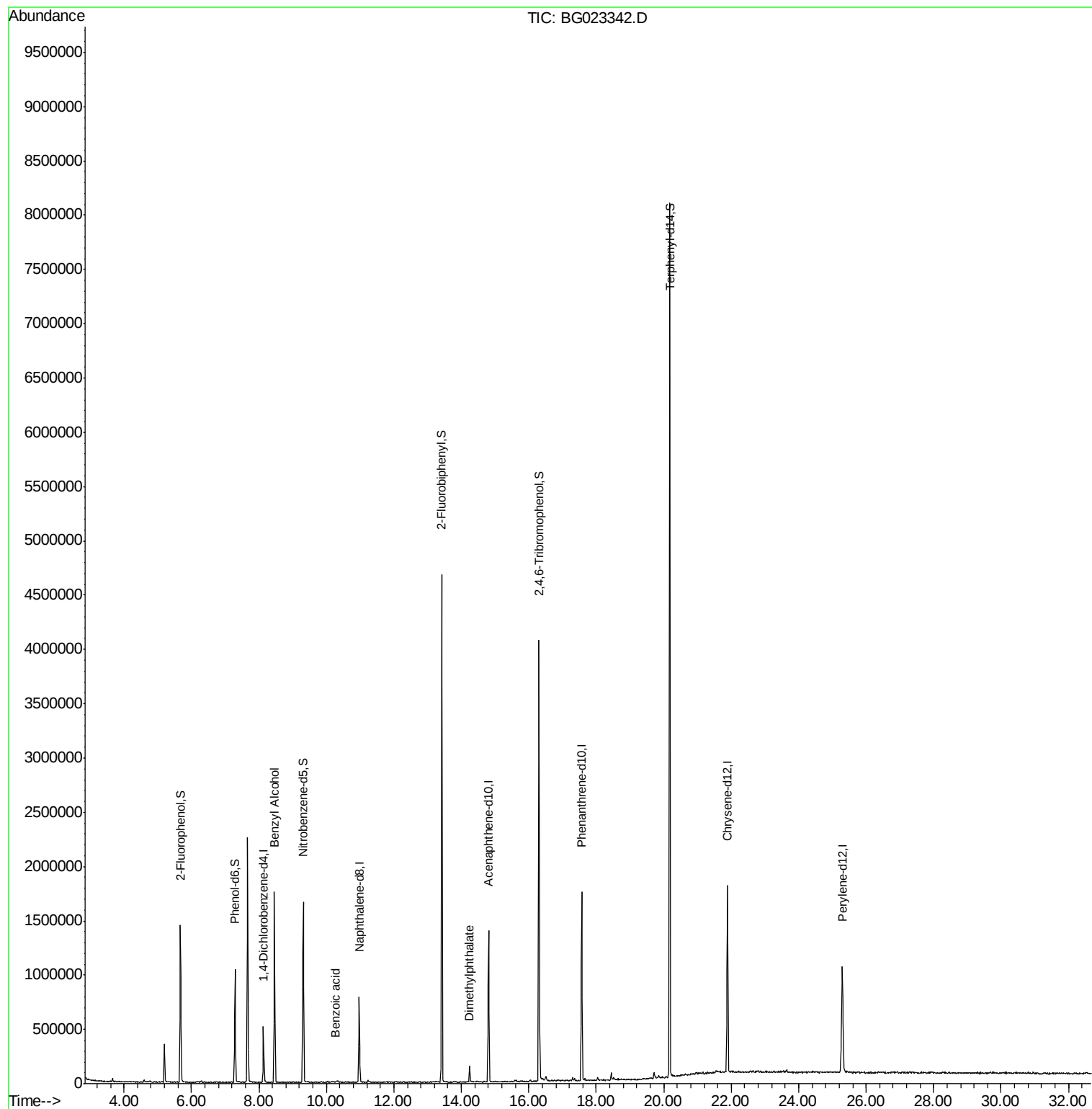
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	142262	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	669119	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	463483	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1043253	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1071501	20.00	ng	0.00
86) Perylene-d12	25.29	264	1076646	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	626549	75.19	ng	0.00
7) Phenol-d6	7.29	99	660466	51.62	ng	0.00
23) Nitrobenzene-d5	9.31	82	1082508	79.11	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	721950	150.50	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2230508	90.07	ng	0.00
78) Terphenyl-d14	20.18	244	2895057	87.83	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.46	79	18144	2.11	ng	# 53
32) Benzoic acid	10.26	122	135	8.12	ng	# 1
49) Dimethylphthalate	14.25	163	104964	3.07	ng	97

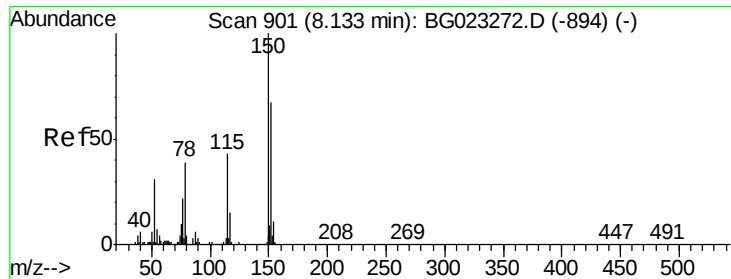
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG023342.D

Acq: 29 Jul 2016 20:30

Instrument :

BNA_G

ClientSampleId :

GW-26-8.0-15.0

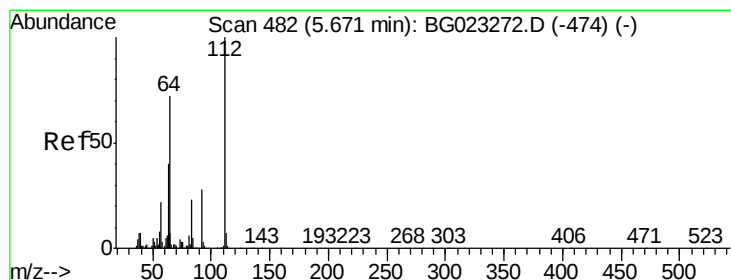
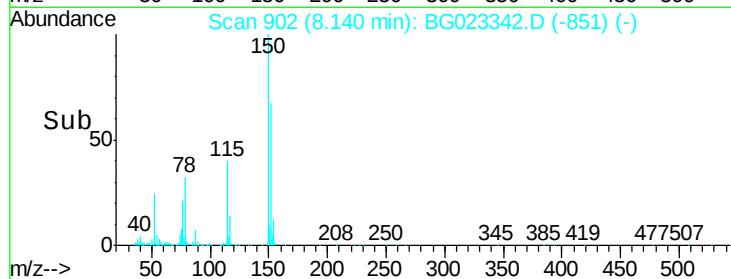
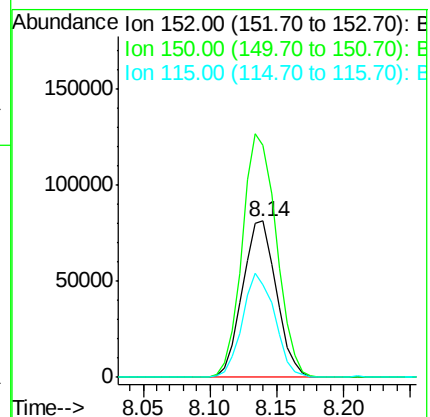
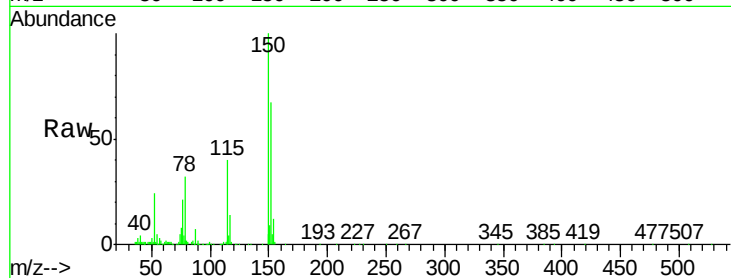
Tgt Ion:152 Resp: 142262

Ion Ratio Lower Upper

152 100

150 148.7 144.7 217.1

115 59.2 64.0 96.0#



#5

2-Fluorophenol

Concen: 75.19 ng

RT: 5.67 min Scan# 482

Delta R.T. 0.00 min

Lab File: BG023342.D

Acq: 29 Jul 2016 20:30

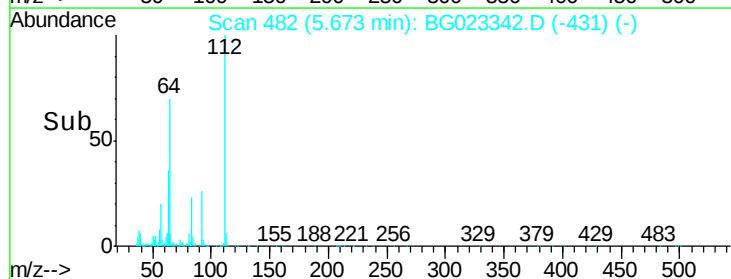
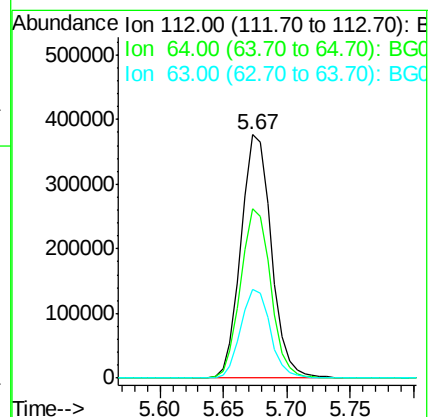
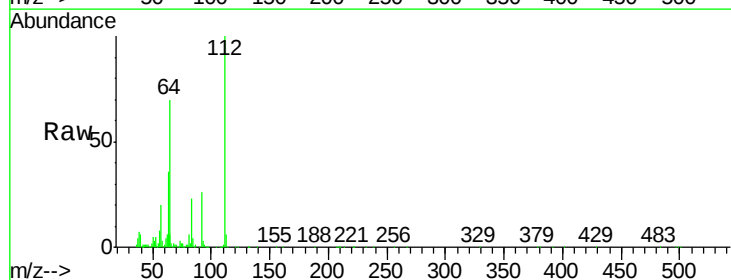
Tgt Ion:112 Resp: 626549

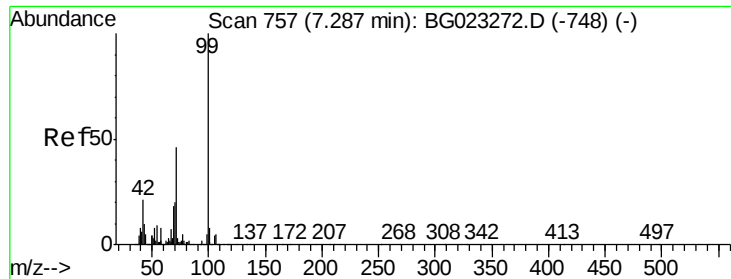
Ion Ratio Lower Upper

112 100

64 69.7 59.0 88.4

63 36.4 37.8 56.8#





#7

Phenol-d6

Concen: 51.62 ng

RT: 7.29 min Scan# 757

Delta R.T. 0.00 min

Lab File: BG023342.D

Acq: 29 Jul 2016 20:30

Instrument :

BNA_G

ClientSampleId :

GW-26-8.0-15.0

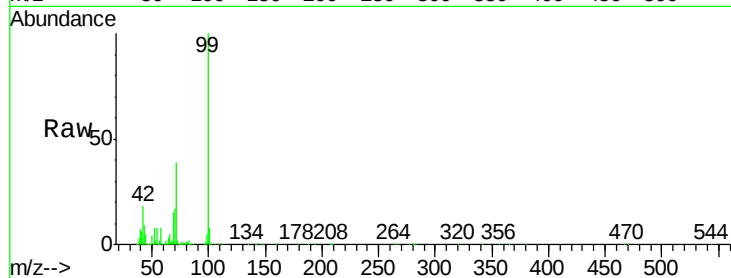
Tgt Ion: 99 Resp: 660466

Ion Ratio Lower Upper

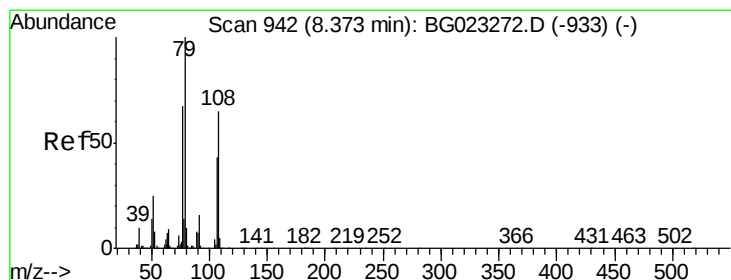
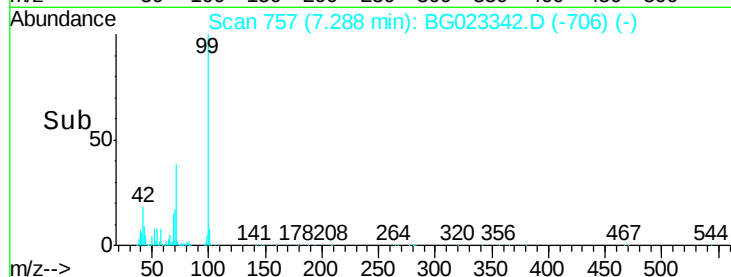
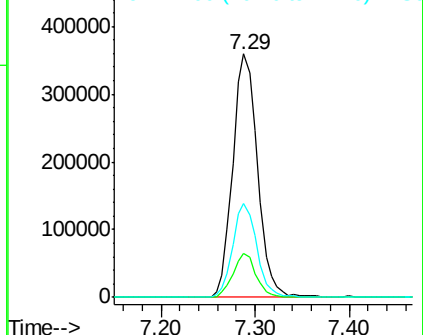
99 100

42 17.8 17.8 26.6

71 38.5 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: 2.11 ng

RT: 8.46 min Scan# 957

Delta R.T. 0.08 min

Lab File: BG023342.D

Acq: 29 Jul 2016 20:30

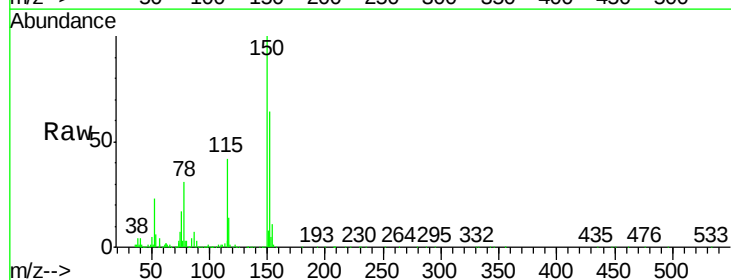
Tgt Ion: 79 Resp: 18144

Ion Ratio Lower Upper

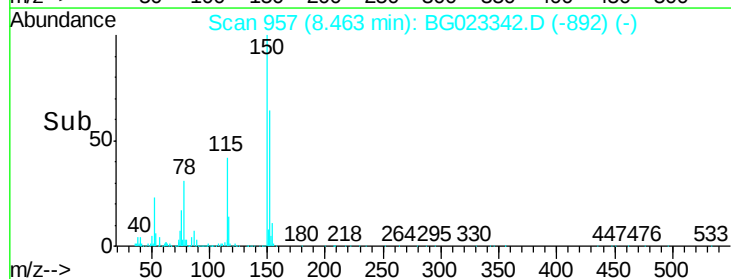
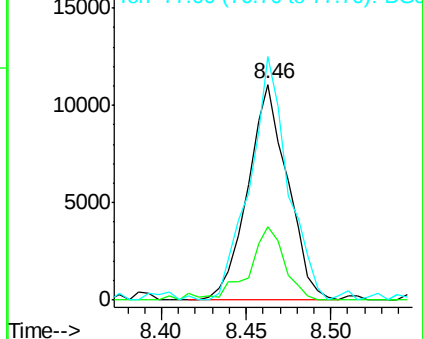
79 100

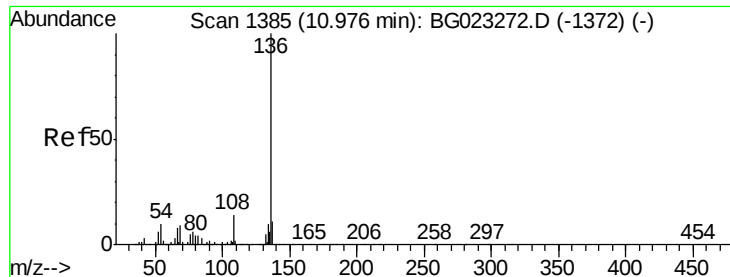
108 34.2 46.5 69.7#

77 112.9 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

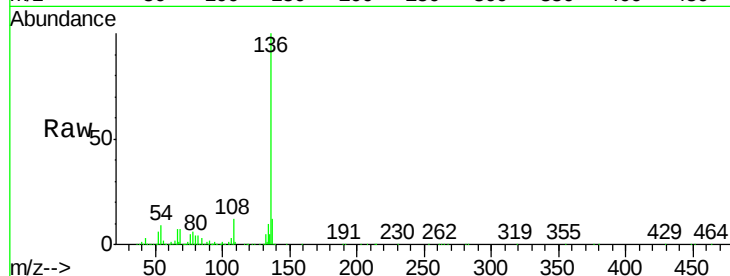




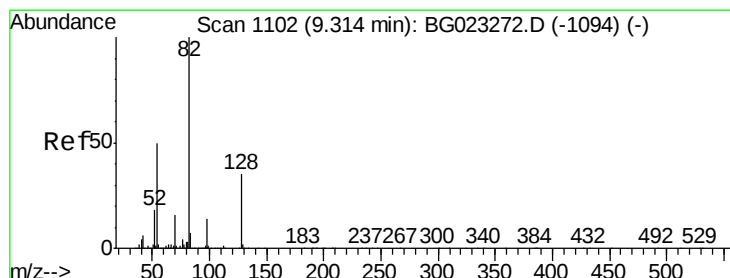
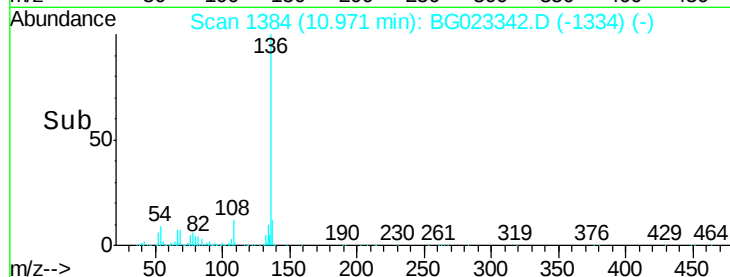
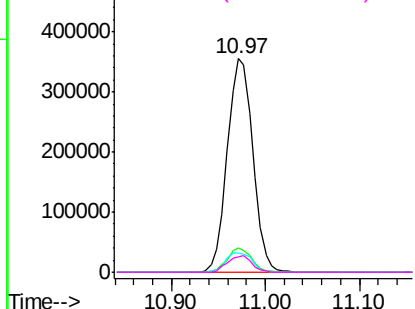
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BG023342.D
Acq: 29 Jul 2016 20:30

Instrument :
BNA_G
ClientSampleId :
GW-26-8.0-15.0

Tgt Ion:	136	Resp:	669119
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	8.8	7.3	10.9
68	7.5	5.3	7.9

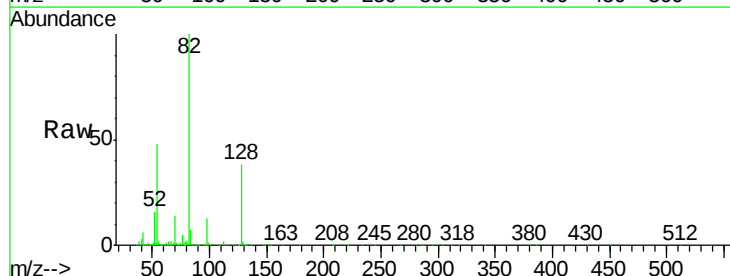


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

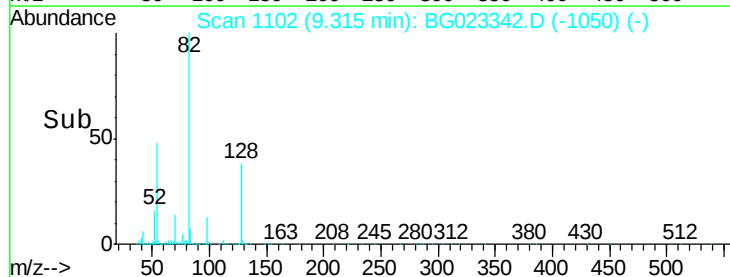
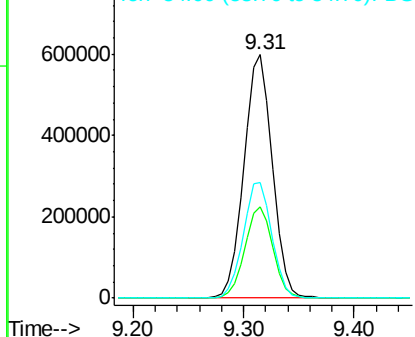


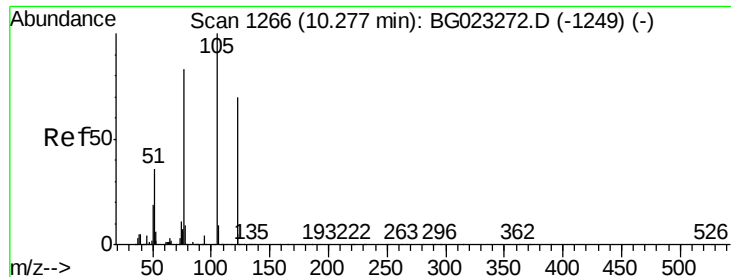
#23
Nitrobenzene-d5
Concen: 79.11 ng
RT: 9.31 min Scan# 1102
Delta R.T. 0.01 min
Lab File: BG023342.D
Acq: 29 Jul 2016 20:30

Tgt Ion:	82	Resp:	1082508
Ion	Ratio	Lower	Upper
82	100		
128	37.7	24.4	36.6#
54	47.5	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: 10.26 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BG023342.D

Acq: 29 Jul 2016 20:30

Instrument :

BNA_G

ClientSampleId :

GW-26-8.0-15.0

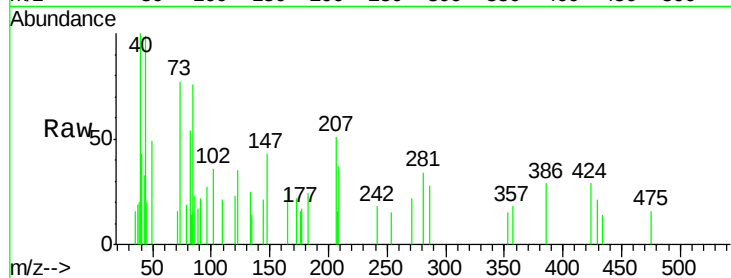
Tgt Ion:122 Resp: 135

Ion Ratio Lower Upper

122 100

105 0.0 117.2 157.2#

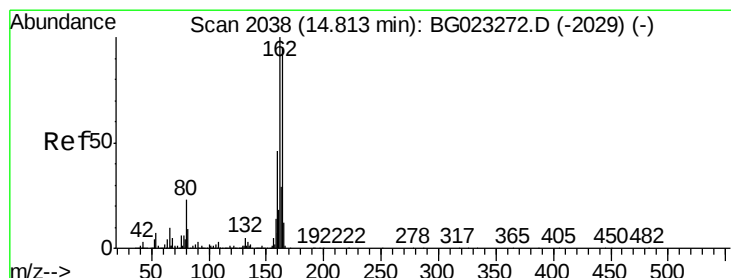
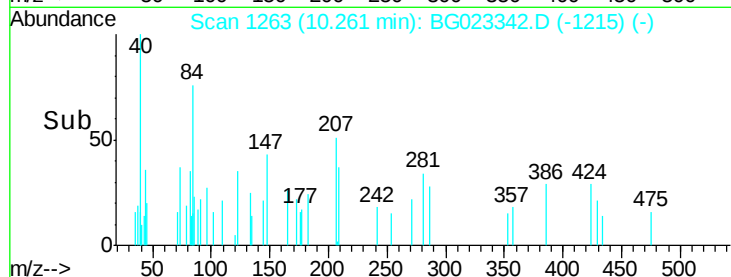
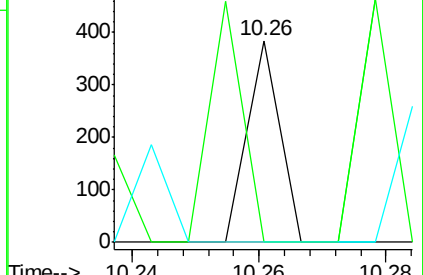
77 0.0 109.2 149.2#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BG023342.D

Acq: 29 Jul 2016 20:30

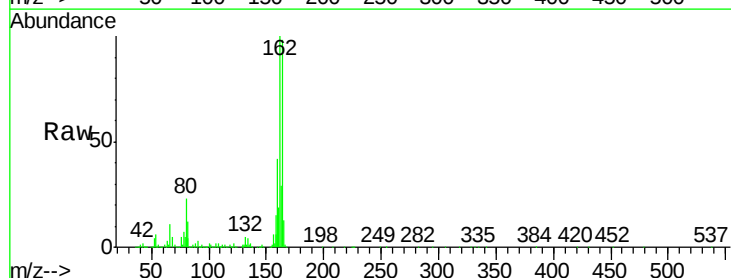
Tgt Ion:164 Resp: 463483

Ion Ratio Lower Upper

164 100

162 102.3 87.7 131.5

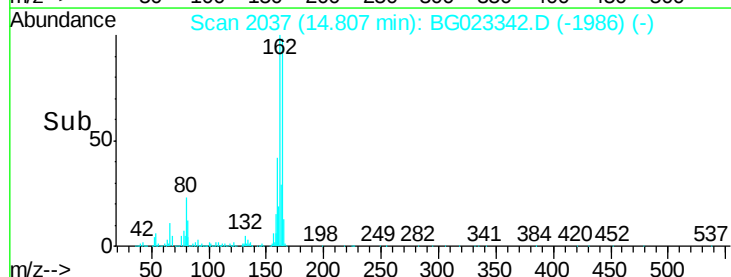
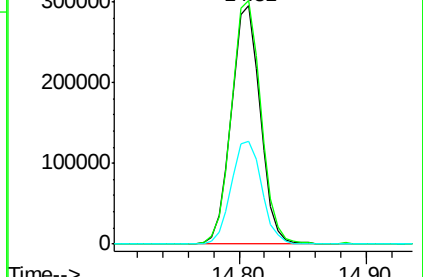
160 43.0 37.2 55.8

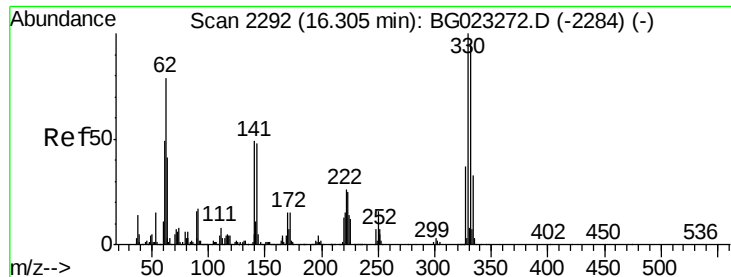


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

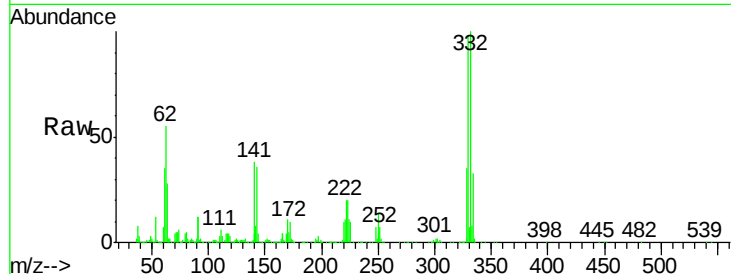




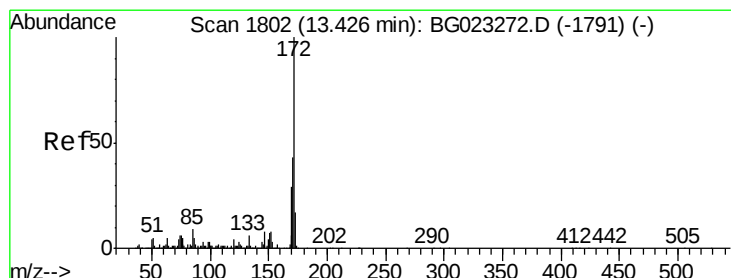
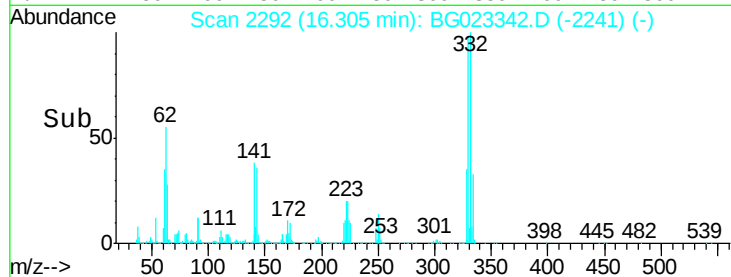
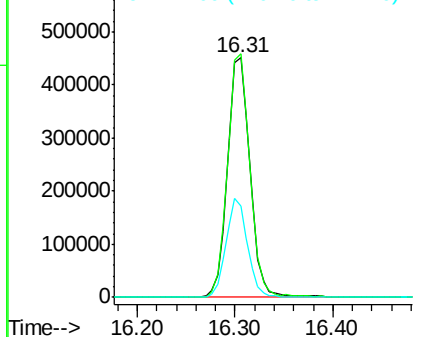
#41
 2,4,6-Tribromophenol
 Concen: 150.50 ng
 RT: 16.31 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG023342.D
 Acq: 29 Jul 2016 20:30

Instrument :
 BNA_G
 ClientSampleId :
 GW-26-8.0-15.0

Tgt Ion:330 Resp: 721950
 Ion Ratio Lower Upper
 330 100
 332 100.6 77.4 116.2
 141 39.8 31.7 47.5

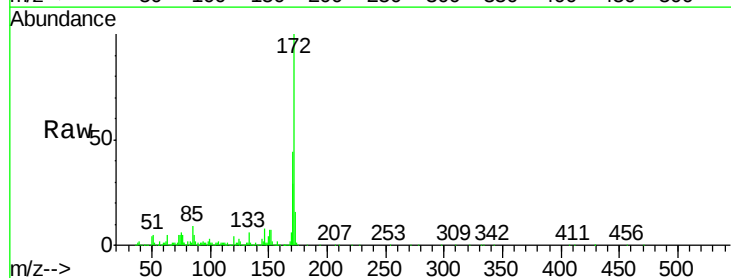


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

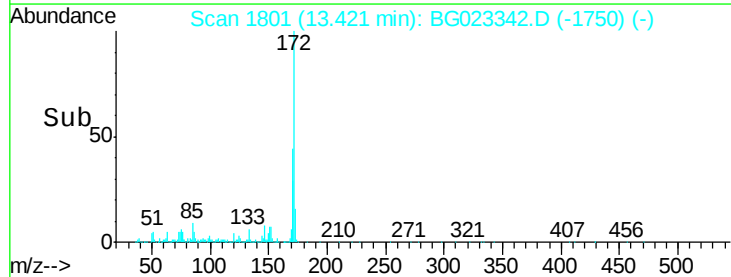
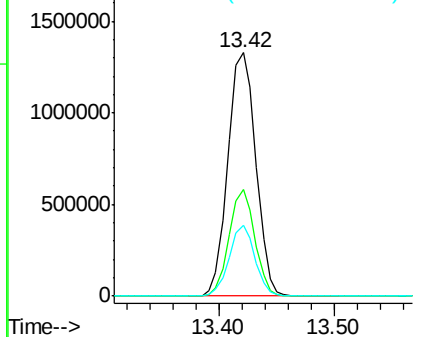


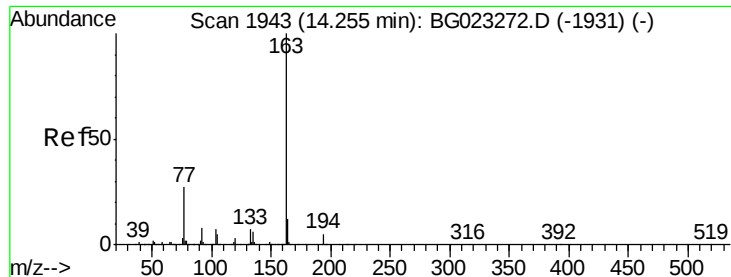
#44
 2-Fluorobiphenyl
 Concen: 90.07 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG023342.D
 Acq: 29 Jul 2016 20:30

Tgt Ion:172 Resp: 2230508
 Ion Ratio Lower Upper
 172 100
 171 43.7 31.6 47.4
 170 29.0 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: 3.07 ng

RT: 14.25 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BG023342.D

Acq: 29 Jul 2016 20:30

Instrument :

BNA_G

ClientSampleId :

GW-26-8.0-15.0

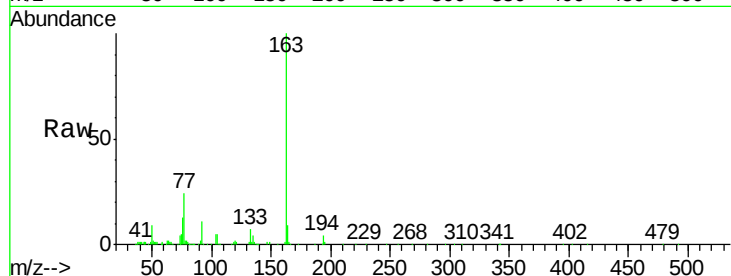
Tgt Ion:163 Resp: 104964

Ion Ratio Lower Upper

163 100

194 3.9 3.6 5.4

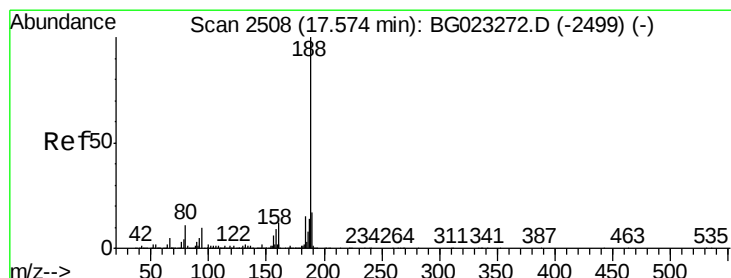
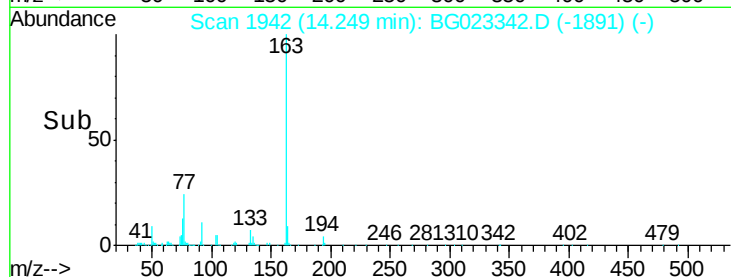
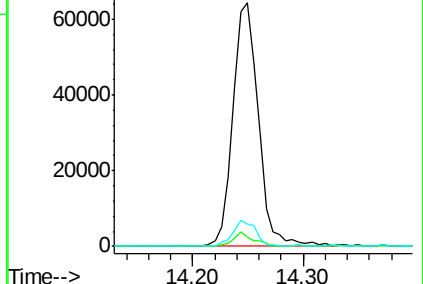
164 8.9 8.1 12.1



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: 17.57 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG023342.D

Acq: 29 Jul 2016 20:30

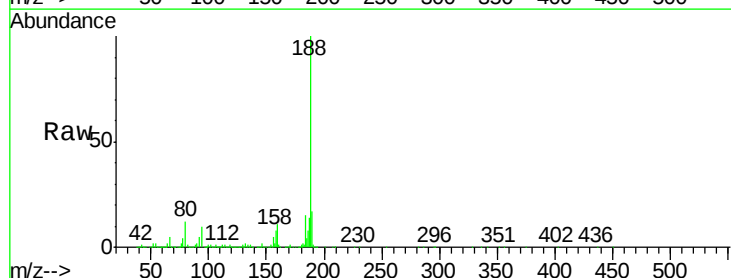
Tgt Ion:188 Resp: 1043253

Ion Ratio Lower Upper

188 100

94 10.2 5.2 7.8#

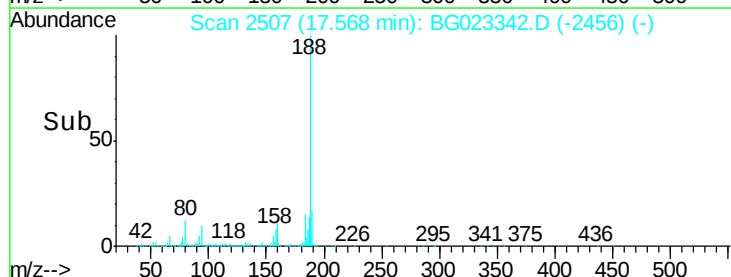
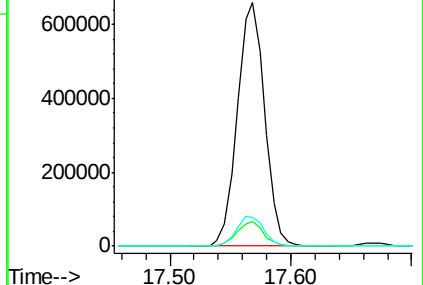
80 11.6 7.2 10.8#

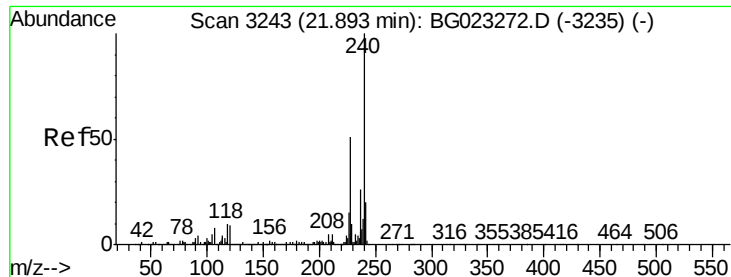


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3242

Delta R.T. -0.00 min

Lab File: BG023342.D

Acq: 29 Jul 2016 20:30

Instrument :

BNA_G

ClientSampleId :

GW-26-8.0-15.0

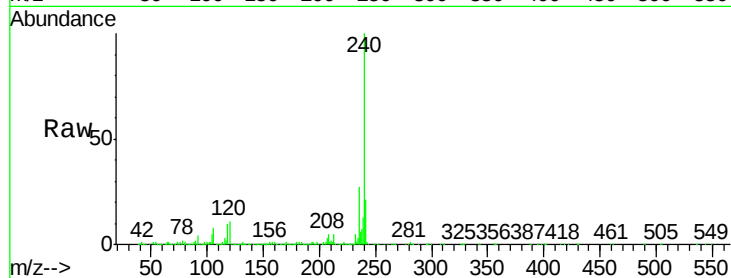
Tgt Ion:240 Resp: 1071501

Ion Ratio Lower Upper

240 100

120 10.7 4.1 6.1#

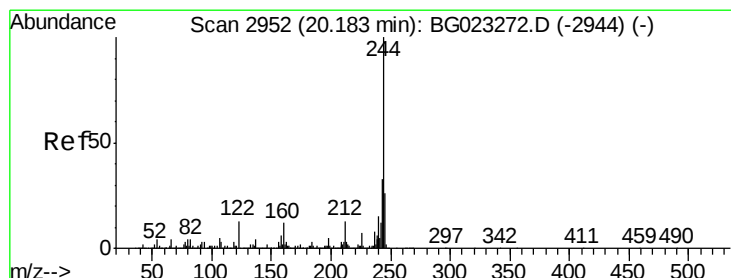
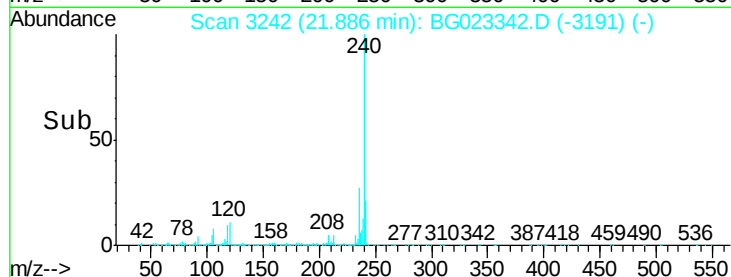
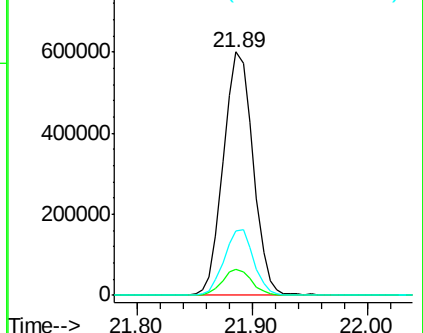
236 26.6 21.1 31.7



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: 87.83 ng

RT: 20.18 min Scan# 2951

Delta R.T. -0.00 min

Lab File: BG023342.D

Acq: 29 Jul 2016 20:30

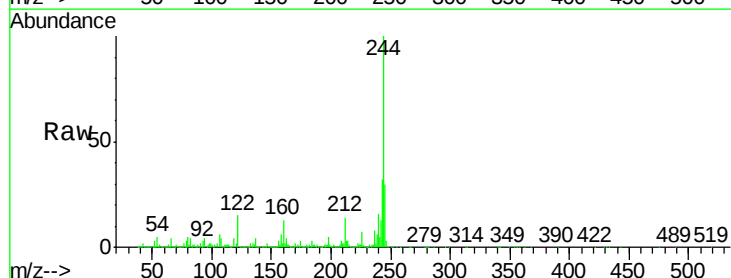
Tgt Ion:244 Resp: 2895057

Ion Ratio Lower Upper

244 100

212 13.5 10.8 16.2

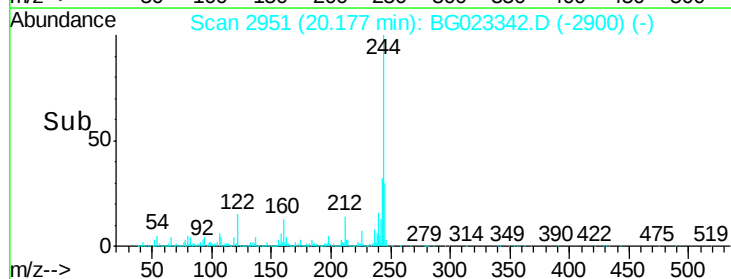
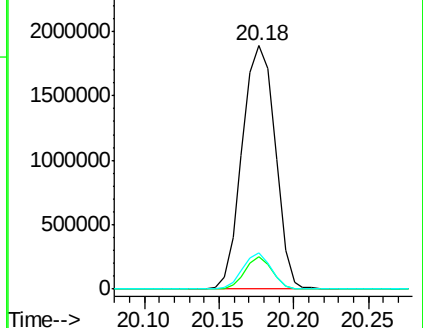
122 15.1 8.0 12.0#

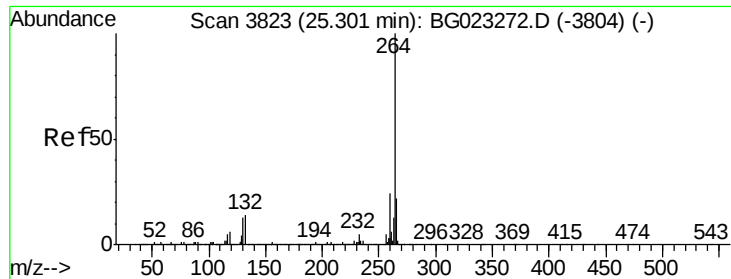


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.29 min Scan# 3822
Delta R.T. -0.01 min
Lab File: BG023342.D
Acq: 29 Jul 2016 20:30

Instrument :
BNA_G
ClientSampleId :
GW-26-8.0-15.0

Tgt Ion: 264 Resp: 1076646

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.4	27.6
265	21.4	18.9	28.3

