

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072916\
 Data File : BG023328.D
 Acq On : 29 Jul 2016 6:24
 Operator : UM/SJ
 Sample : H4213-13
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 L-2

Quant Time: Jul 29 07:30:43 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

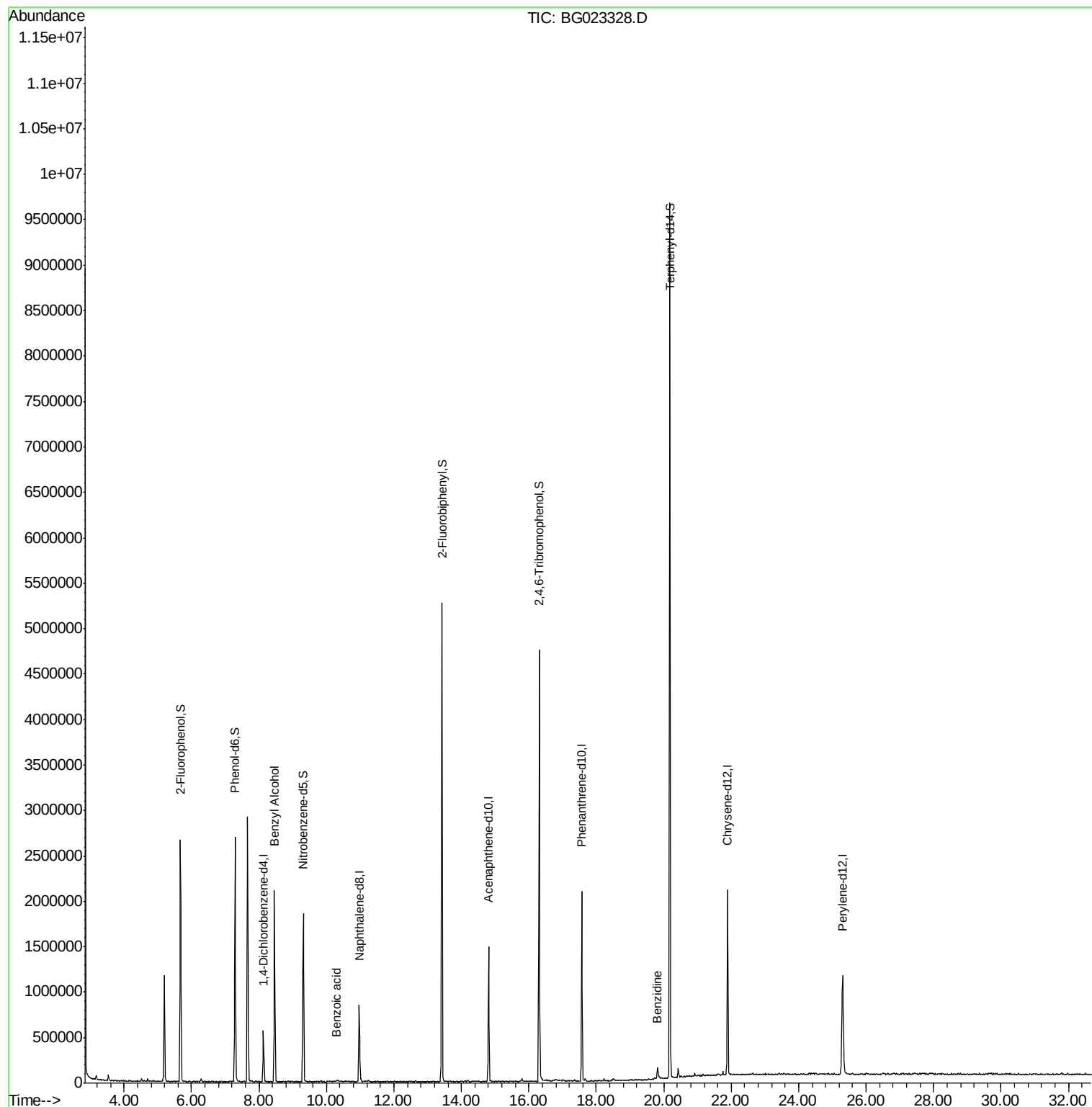
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	160433	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	719478	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	511026	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1213425	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1255570	20.00	ng	0.00
86) Perylene-d12	25.31	264	1252184	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	1172235	124.74	ng	0.00
7) Phenol-d6	7.29	99	1658186	114.93	ng	0.00
23) Nitrobenzene-d5	9.31	82	1234220	83.89	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	876505	165.71	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2549108	93.36	ng	0.00
78) Terphenyl-d14	20.18	244	3283793	85.02	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.46	79	20891	2.15	ng	# 62
32) Benzoic acid	10.27	122	403	8.15	ng	# 1
76) Benzidine	19.81	184	98832	2.80	ng	# 96

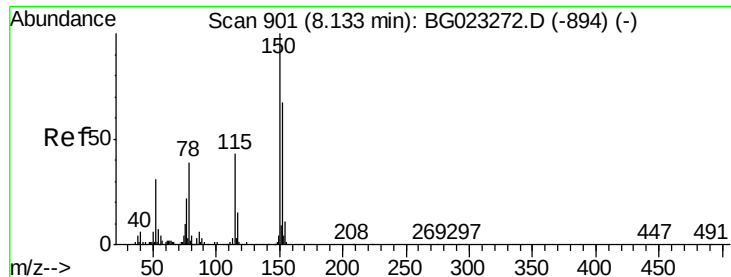
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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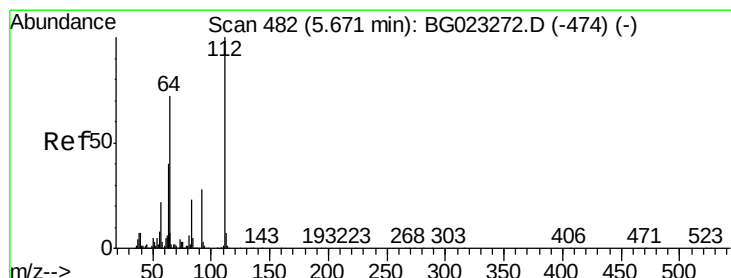
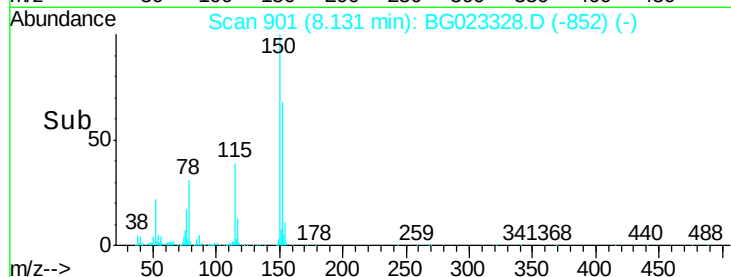
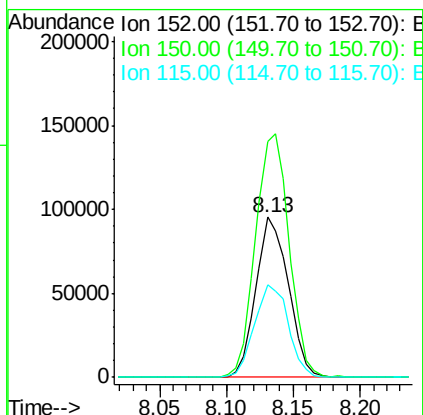
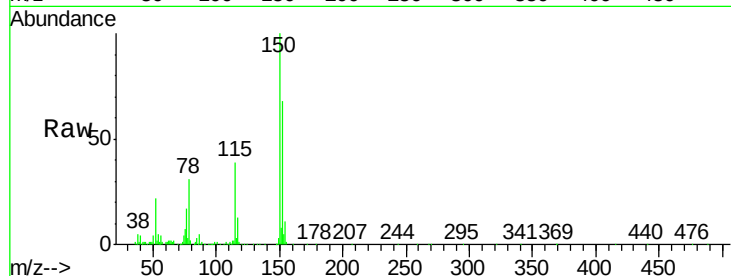


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 901
Delta R.T. -0.01 min
Lab File: BG023328.D
Acq: 29 Jul 2016 6:24

Instrument :
BNA_G
ClientSampleId :
L-2

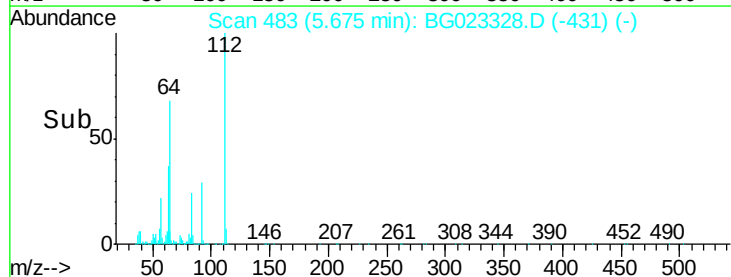
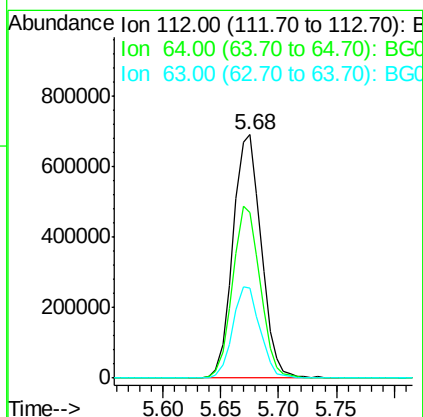
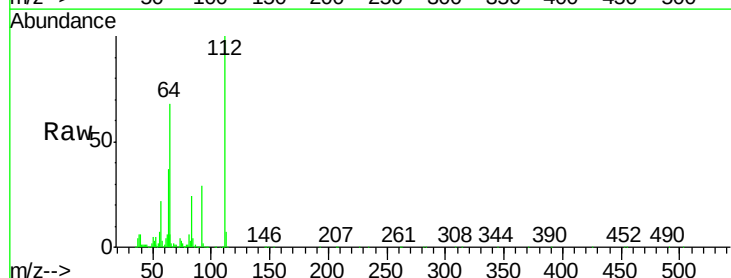
Tgt Ion:152 Resp: 160433
Ion Ratio Lower Upper
152 100
150 147.7 144.7 217.1
115 58.0 64.0 96.0#

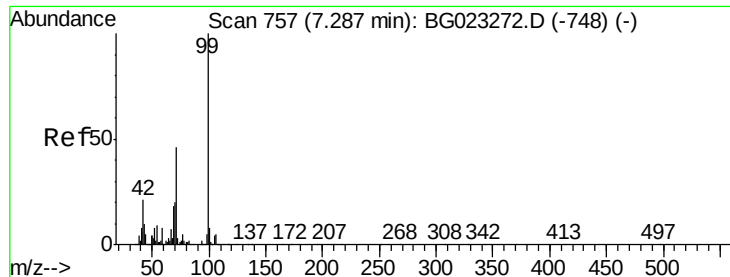


#5

2-Fluorophenol
Concen: 124.74 ng
RT: 5.68 min Scan# 483
Delta R.T. 0.00 min
Lab File: BG023328.D
Acq: 29 Jul 2016 6:24

Tgt Ion:112 Resp: 1172235
Ion Ratio Lower Upper
112 100
64 68.1 59.0 88.4
63 37.1 37.8 56.8#





#7

Phenol-d6

Concen: 114.93 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG023328.D

Acq: 29 Jul 2016 6:24

Instrument :

BNA_G

ClientSampleId :

L-2

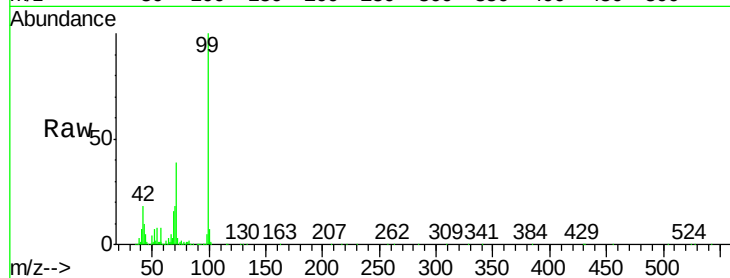
Tgt Ion: 99 Resp: 1658186

Ion Ratio Lower Upper

99 100

42 17.7 17.8 26.6#

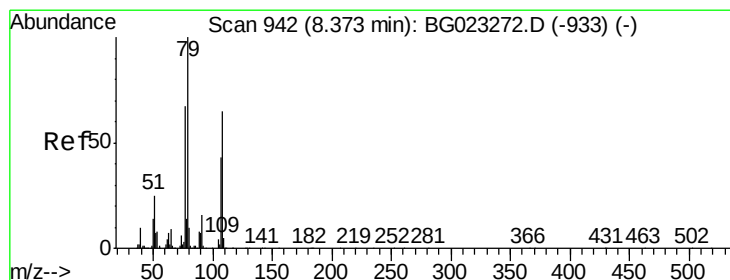
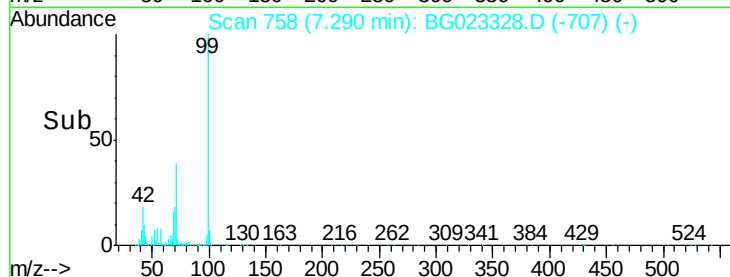
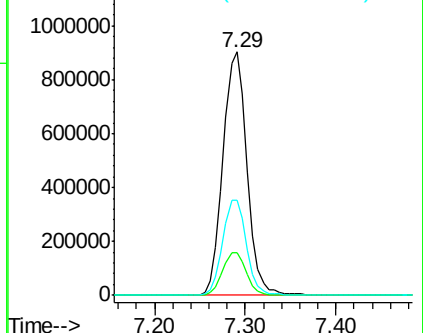
71 38.9 41.5 62.3#



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: 2.15 ng

RT: 8.46 min Scan# 957

Delta R.T. 0.08 min

Lab File: BG023328.D

Acq: 29 Jul 2016 6:24

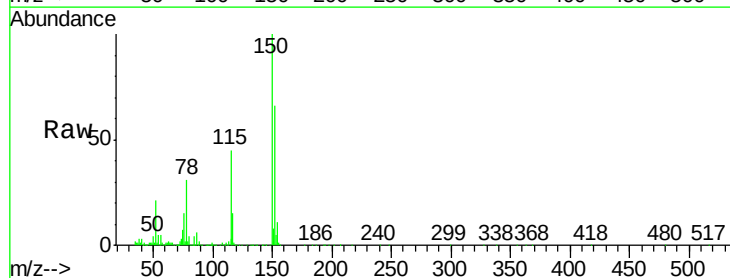
Tgt Ion: 79 Resp: 20891

Ion Ratio Lower Upper

79 100

108 30.9 46.5 69.7#

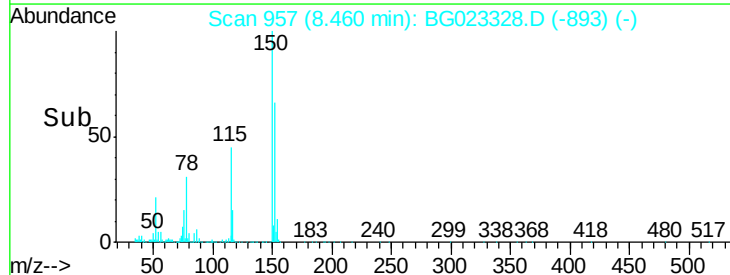
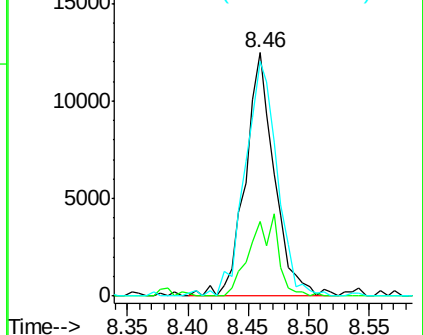
77 96.5 52.3 78.5#

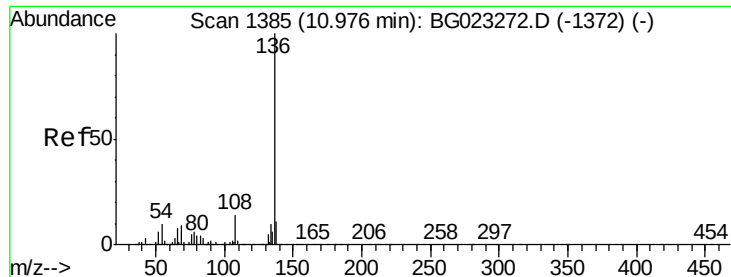


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

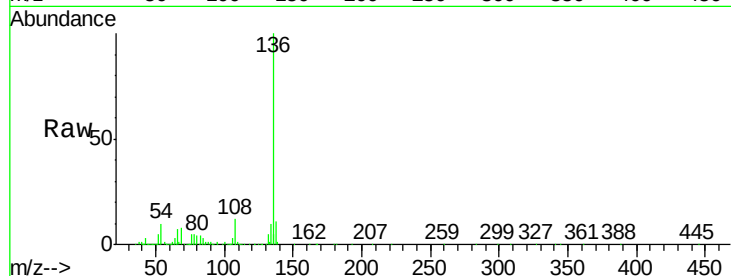




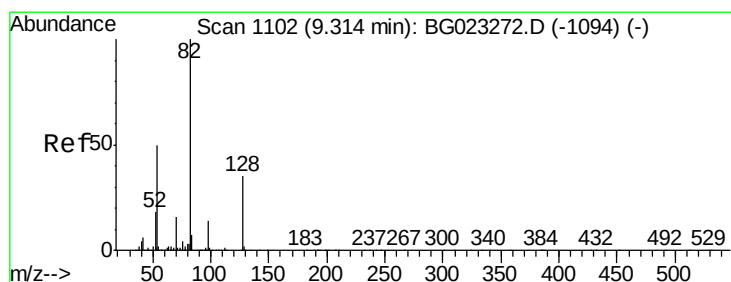
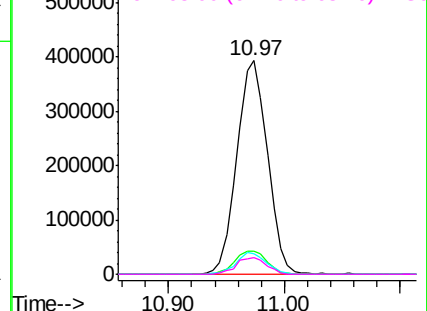
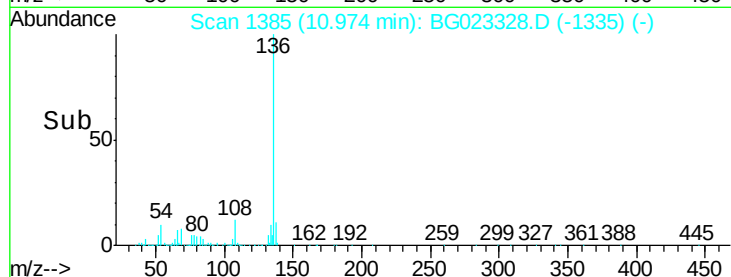
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG023328.D
Acq: 29 Jul 2016 6:24

Instrument :
BNA_G
ClientSampleId :
L-2

Tgt Ion:	136	Resp:	719478
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.6	14.4
54	9.7	7.3	10.9
68	7.7	5.3	7.9

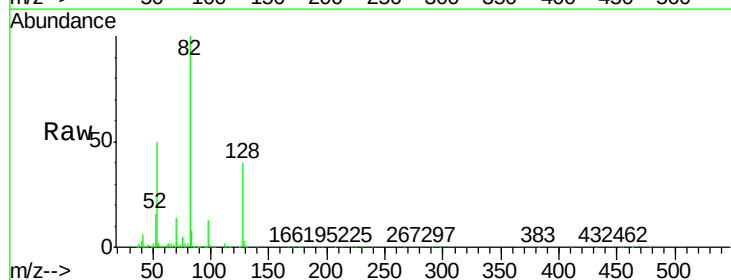


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

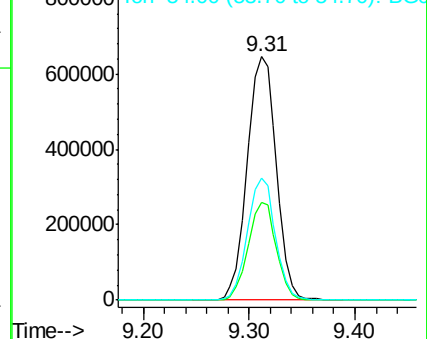
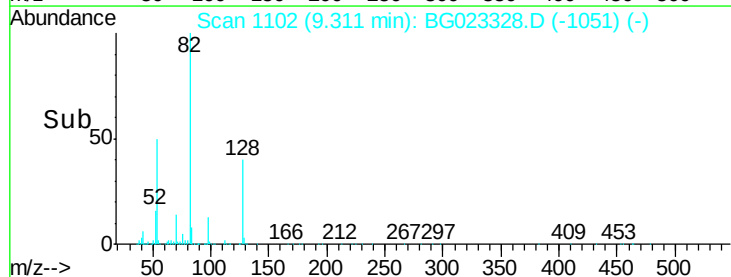


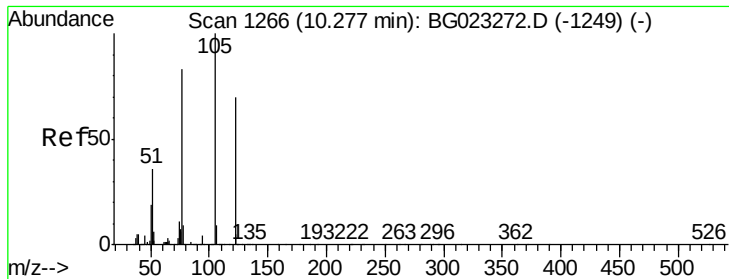
#23
Nitrobenzene-d5
Concen: 83.89 ng
RT: 9.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BG023328.D
Acq: 29 Jul 2016 6:24

Tgt Ion:	82	Resp:	1234220
Ion	Ratio	Lower	Upper
82	100		
128	40.0	24.4	36.6#
54	50.2	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

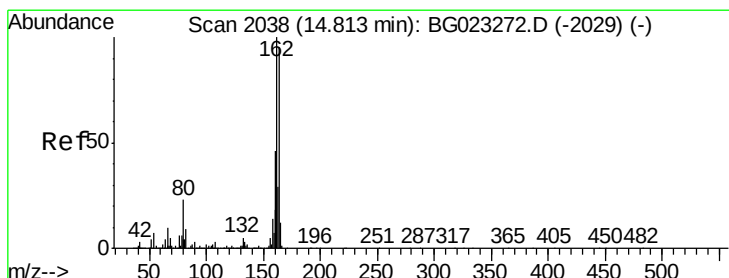
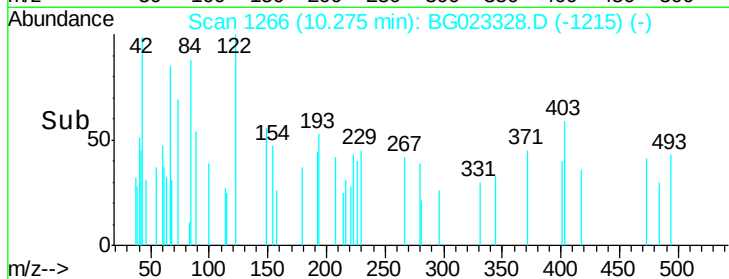
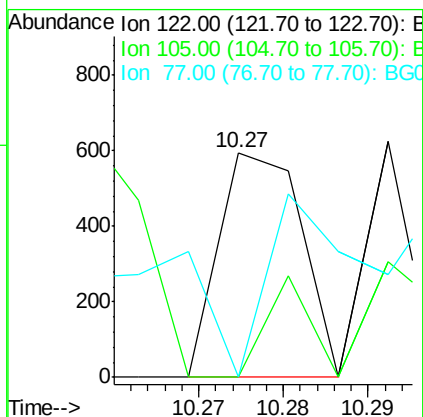
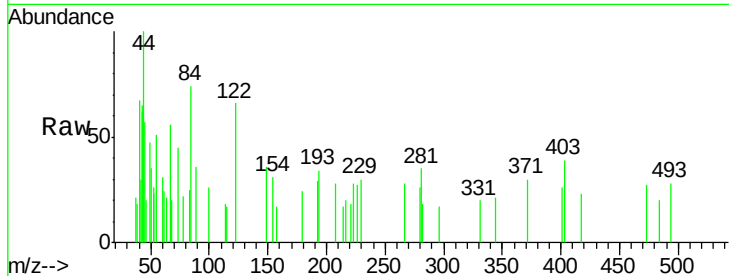




#32
Benzoic acid
Concen: 8.15 ng
RT: 10.27 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BG023328.D
Acq: 29 Jul 2016 6:24

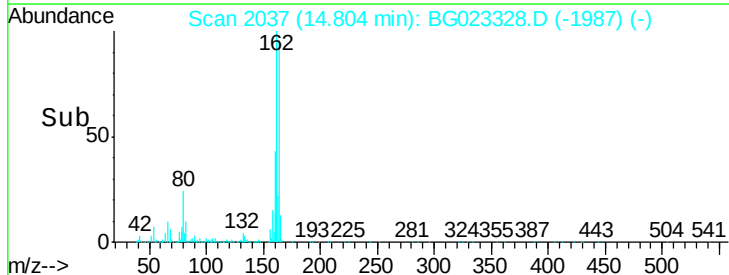
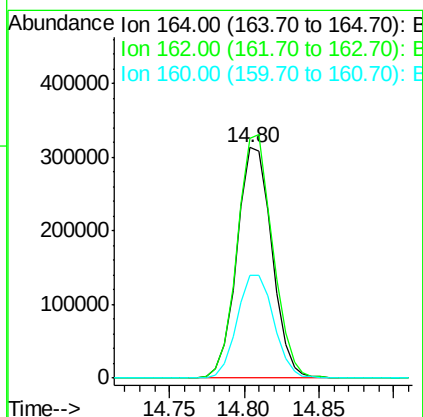
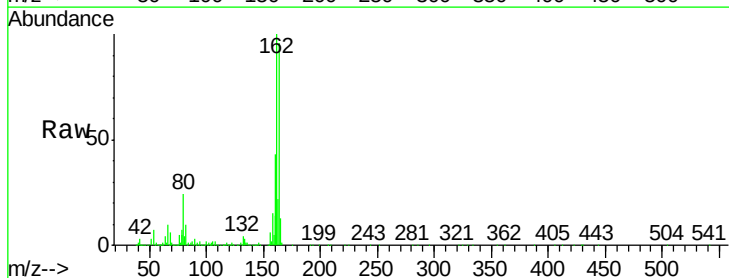
Instrument :
BNA_G
ClientSampleId :
L-2

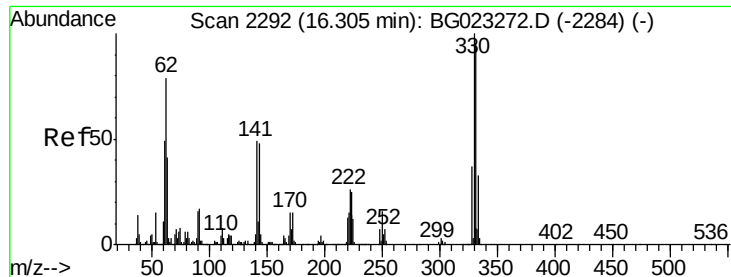
Tgt Ion:122 Resp: 403
Ion Ratio Lower Upper
122 100
105 0.0 117.2 157.2#
77 0.0 109.2 149.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG023328.D
Acq: 29 Jul 2016 6:24

Tgt Ion:164 Resp: 511026
Ion Ratio Lower Upper
164 100
162 104.1 87.7 131.5
160 44.6 37.2 55.8

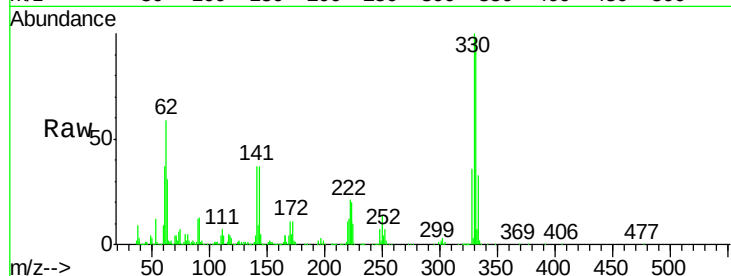




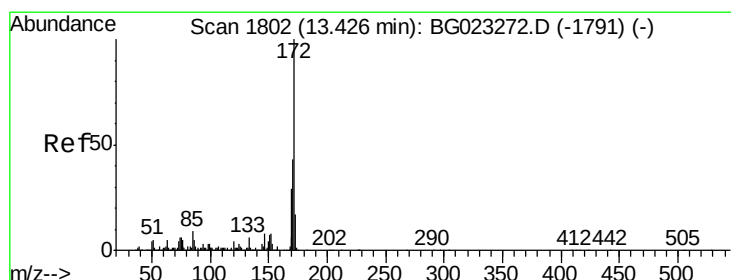
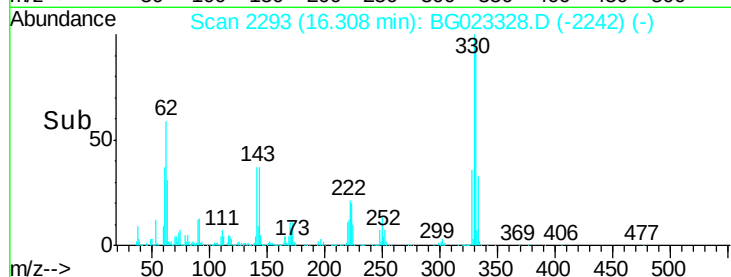
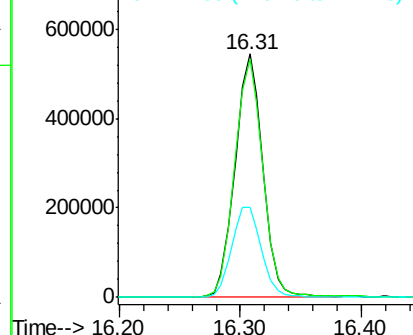
#41
2,4,6-Tribromophenol
Concen: 165.71 ng
RT: 16.31 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BG023328.D
Acq: 29 Jul 2016 6:24

Instrument :
BNA_G
ClientSampleId :
L-2

Tgt Ion:330 Resp: 876505
Ion Ratio Lower Upper
330 100
332 98.6 77.4 116.2
141 39.8 31.7 47.5

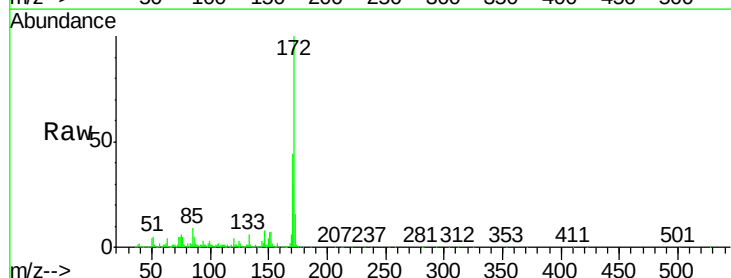


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

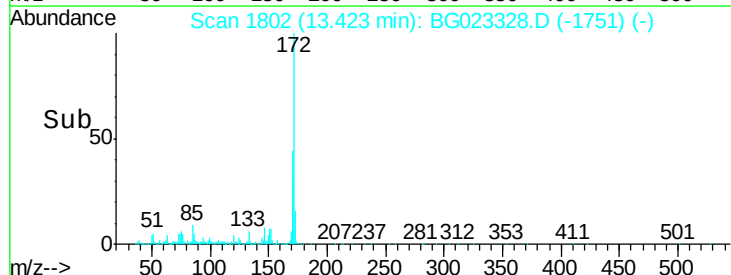
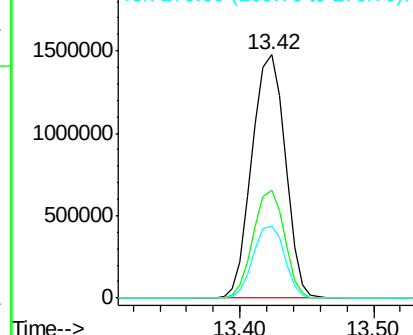


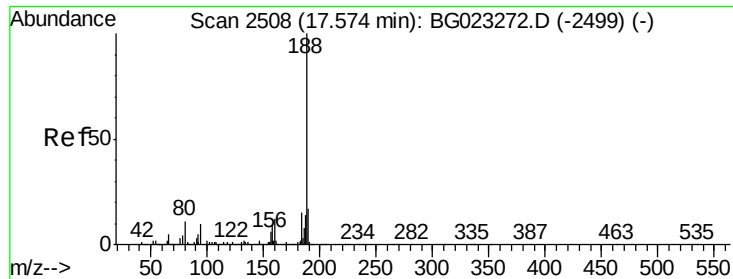
#44
2-Fluorobiphenyl
Concen: 93.36 ng
RT: 13.42 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BG023328.D
Acq: 29 Jul 2016 6:24

Tgt Ion:172 Resp: 2549108
Ion Ratio Lower Upper
172 100
171 44.2 31.6 47.4
170 29.8 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG023328.D

Acq: 29 Jul 2016 6:24

Instrument :

BNA_G

ClientSampled :

L-2

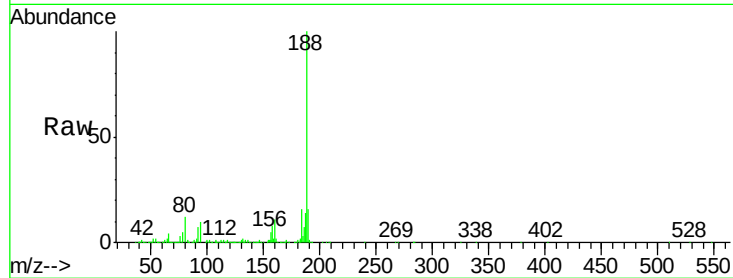
Tgt Ion:188 Resp: 1213425

Ion Ratio Lower Upper

188 100

94 10.0 5.2 7.8#

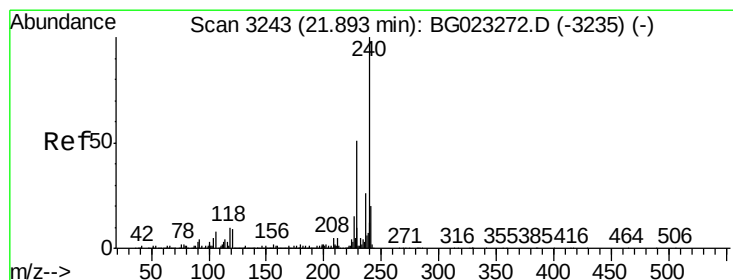
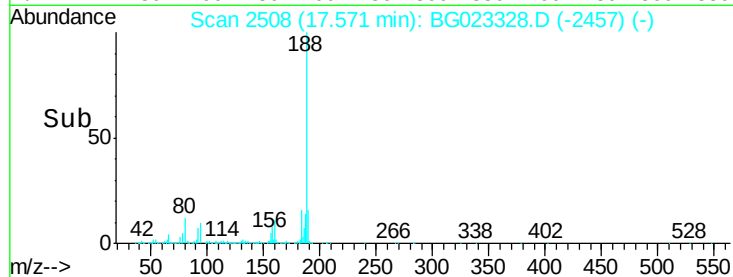
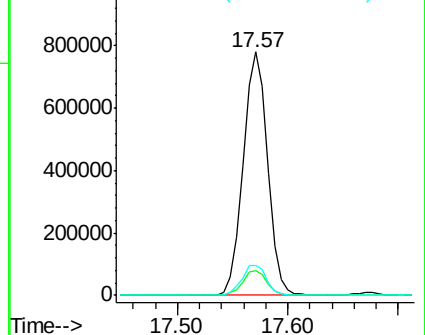
80 12.4 7.2 10.8#



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: 21.89 min Scan# 3243

Delta R.T. -0.00 min

Lab File: BG023328.D

Acq: 29 Jul 2016 6:24

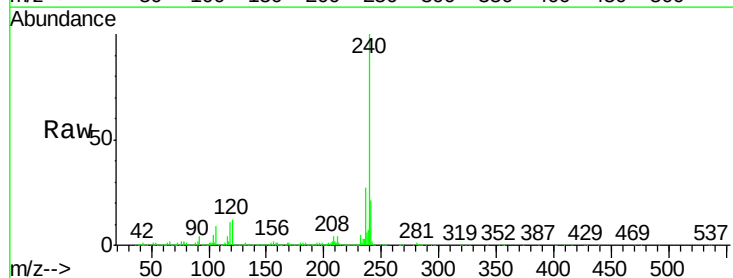
Tgt Ion:240 Resp: 1255570

Ion Ratio Lower Upper

240 100

120 11.9 4.1 6.1#

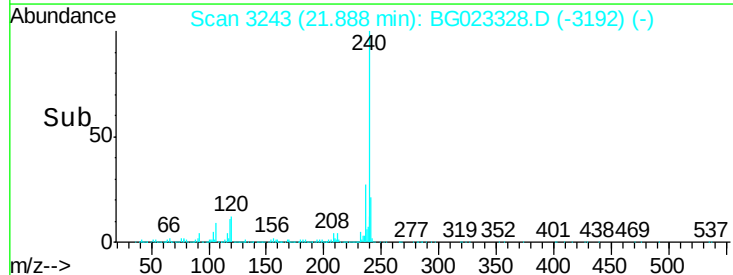
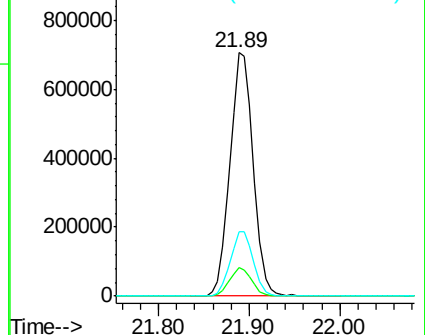
236 26.7 21.1 31.7

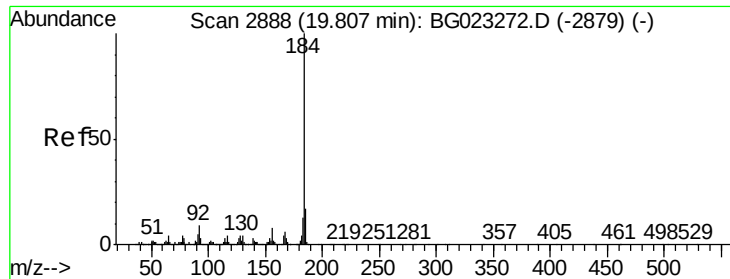


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 2.80 ng

RT: 19.81 min Scan# 2890

Delta R.T. 0.01 min

Lab File: BG023328.D

Acq: 29 Jul 2016 6:24

Instrument :

BNA_G

ClientSampleId :

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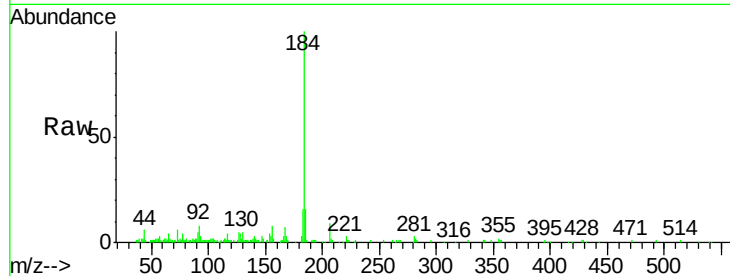
Tgt Ion:184 Resp: 98832

Ion Ratio Lower Upper

184 100

185 15.6 12.6 19.0

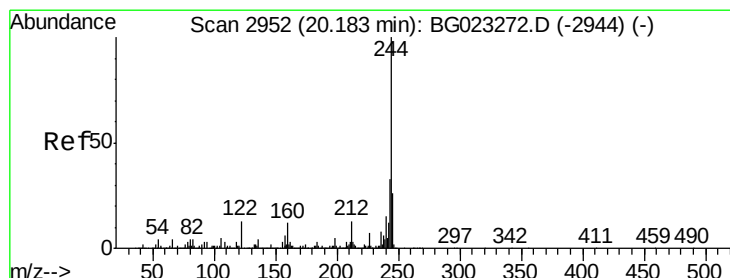
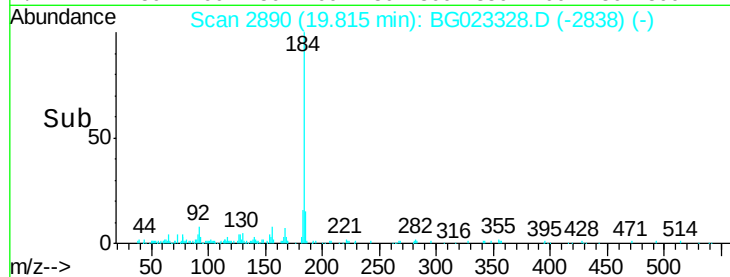
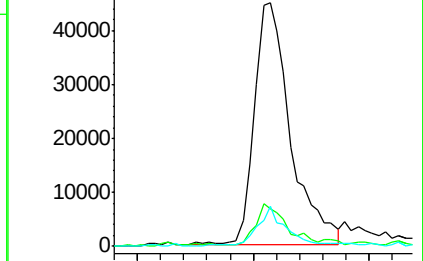
183 16.4 10.7 16.1#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 85.02 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BG023328.D

Acq: 29 Jul 2016 6:24

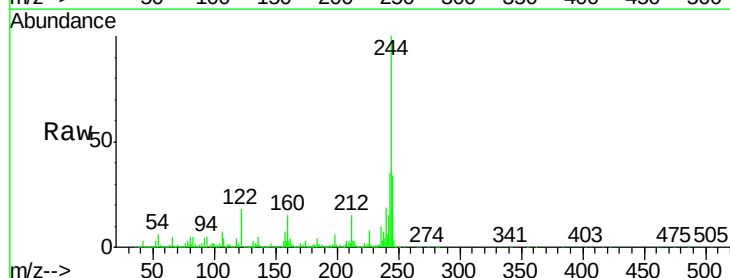
Tgt Ion:244 Resp: 3283793

Ion Ratio Lower Upper

244 100

212 14.6 10.8 16.2

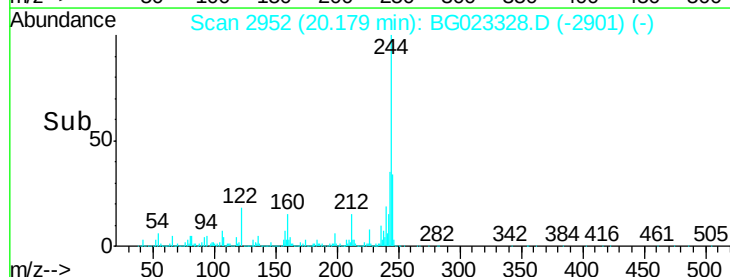
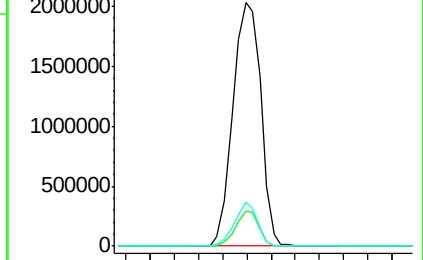
122 17.9 8.0 12.0#

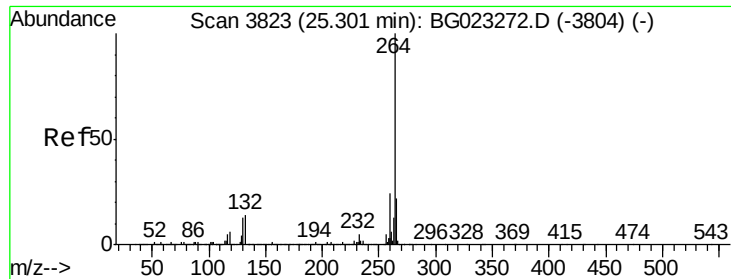


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.31 min Scan# 3825
Delta R.T. 0.00 min
Lab File: BG023328.D
Acq: 29 Jul 2016 6:24

Instrument :
BNA_G
ClientSampleId :
L-2

Tgt Ion:264 Resp: 1252184

Ion	Ratio	Lower	Upper
264	100		
260	21.7	18.4	27.6
265	20.2	18.9	28.3

