

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110416\
 Data File : BG024705.D
 Acq On : 5 Nov 2016 10:09
 Operator : UM/SJ
 Sample : H5509-23
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-93-8.45-17.0

Quant Time: Nov 06 23:46:04 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

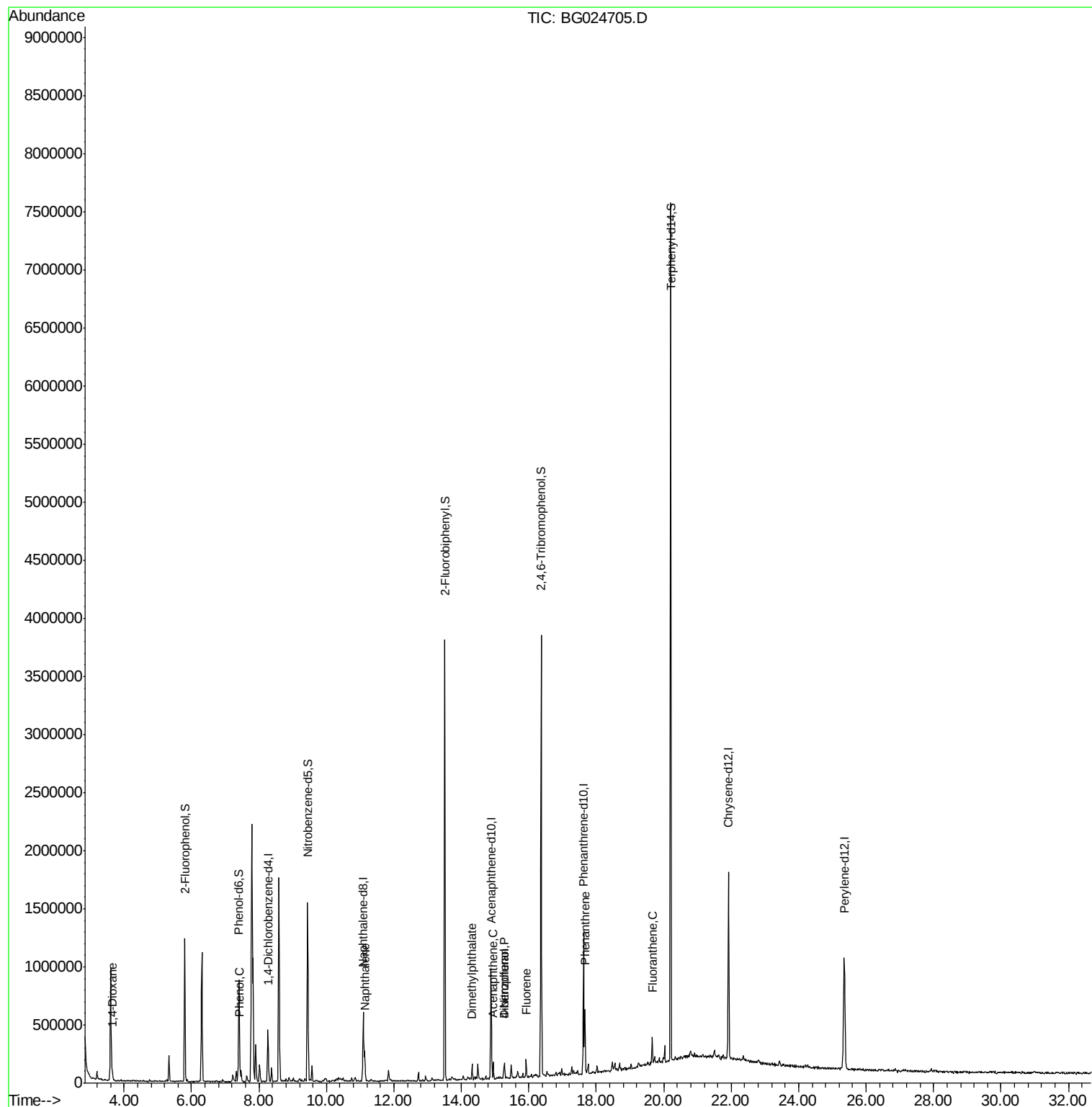
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	119176	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	496314	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	349693	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	798322	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1123270	20.00	ng	0.00
86) Perylene-d12	25.35	264	1183655	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	509917	70.13	ng	0.00
7) Phenol-d6	7.40	99	464022	46.52	ng	0.00
23) Nitrobenzene-d5	9.44	82	956468	87.74	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	759155	145.31	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1941575	92.28	ng	0.00
78) Terphenyl-d14	20.21	244	2977161	79.20	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.66	88	16524	5.56	ng	# 66
10) Phenol	7.43	94	30530	2.97	ng	# 86
31) Naphthalene	11.15	128	84145	3.40	ng	# 99
49) Dimethylphthalate	14.32	163	90555	3.65	ng	# 94
51) Acenaphthene	14.95	154	54810	2.59	ng	# 89
54) Dibenzofuran	15.28	168	79630	2.73	ng	# 97
55) 4-Nitrophenol	15.28	139	34813	7.29	ng	# 1
57) Fluorene	15.92	166	67357	2.78	ng	# 85
70) Phenanthrene	17.67	178	358591	8.81	ng	# 89
74) Fluoranthene	19.66	202	142166	2.76	ng	# 92

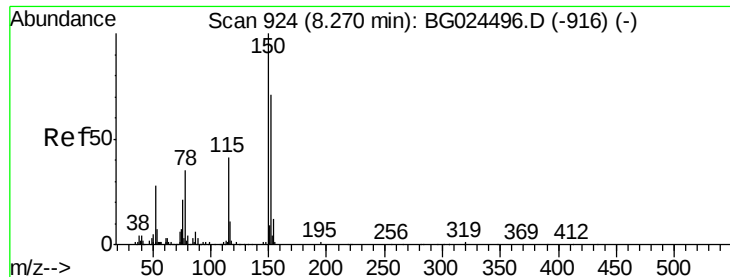
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG024705.D

Acq: 5 Nov 2016 10:09

Instrument :

BNA_G

ClientSampleId :

GW-93-8.45-17.0

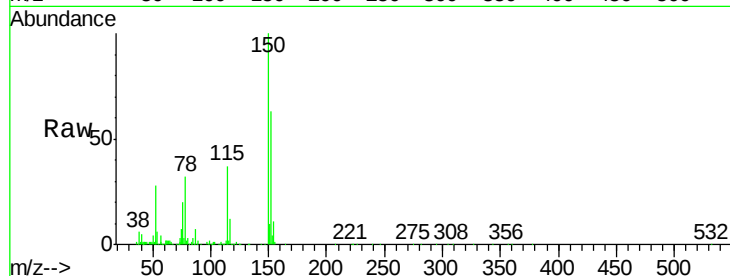
Tgt Ion:152 Resp: 119176

Ion Ratio Lower Upper

152 100

150 157.9 114.0 171.0

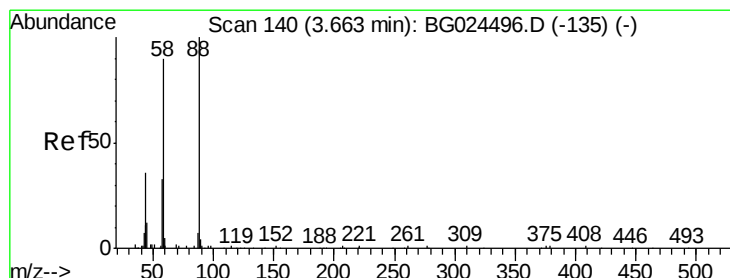
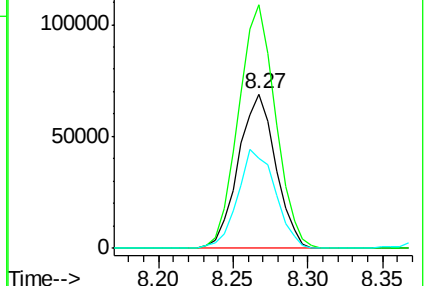
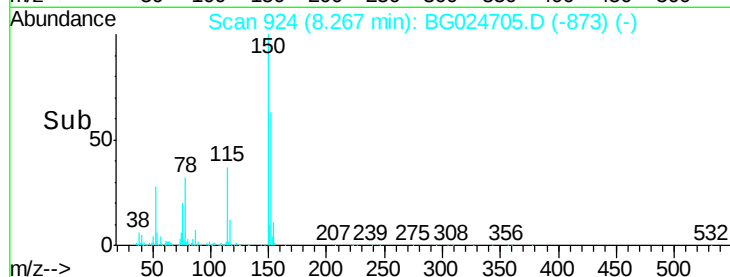
115 58.5 48.1 72.1



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



#2

1,4-Dioxane

Concen: 5.56 ng

RT: 3.66 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG024705.D

Acq: 5 Nov 2016 10:09

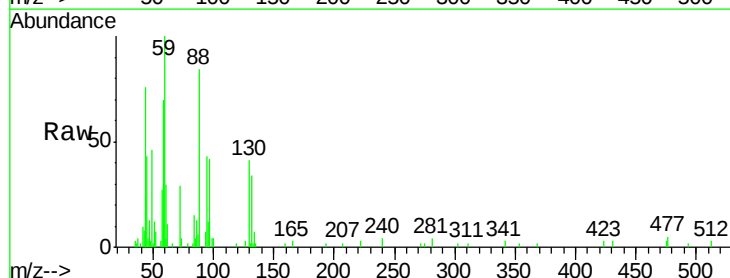
Tgt Ion: 88 Resp: 16524

Ion Ratio Lower Upper

88 100

58 82.8 79.4 119.2

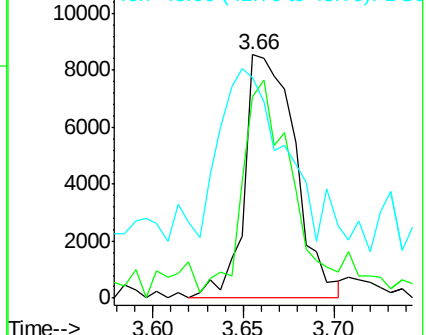
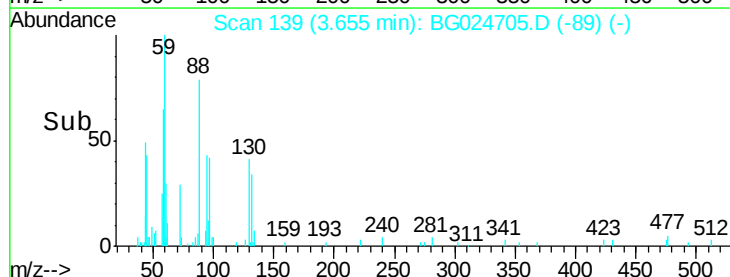
43 89.8 33.8 50.6#

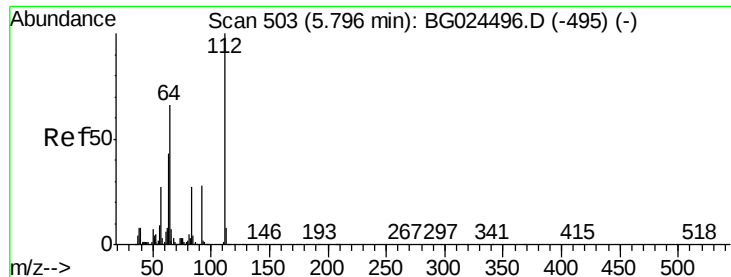


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 70.13 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024705.D

Acq: 5 Nov 2016 10:09

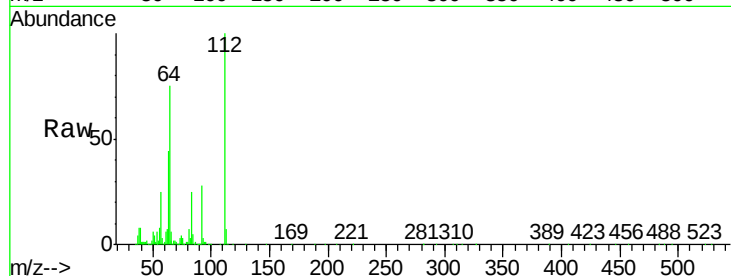
Instrument :

BNA_G

ClientSampleId :

GW-93-8.45-17.0

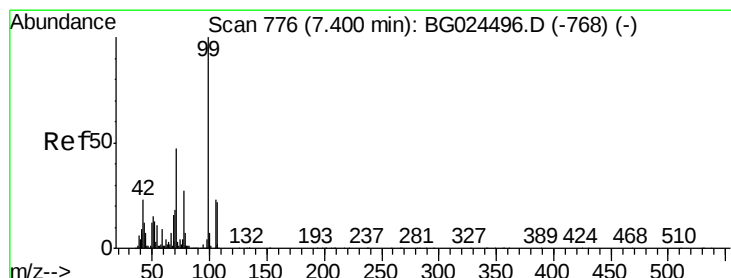
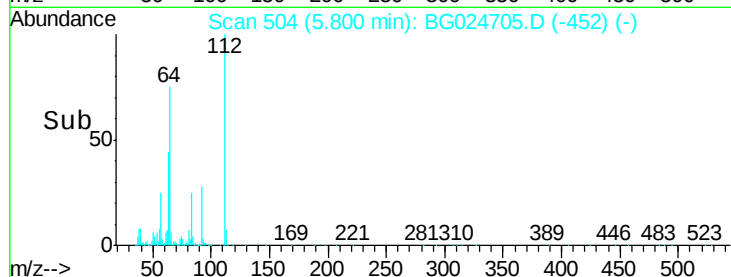
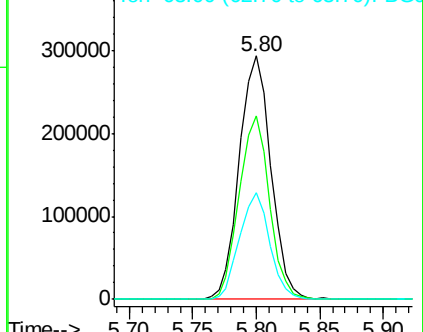
Tgt Ion:	112	Resp:	509917
Ion	Ratio	Lower	Upper
112	100		
64	75.1	61.8	92.6
63	43.6	37.2	55.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 46.52 ng

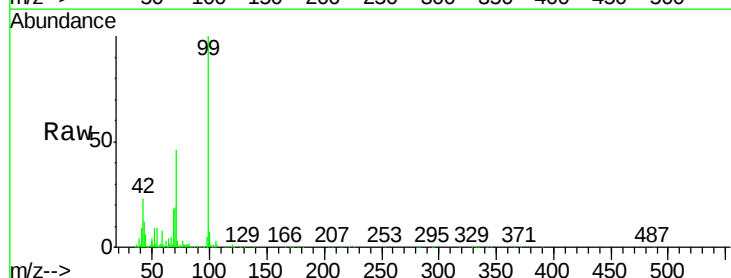
RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024705.D

Acq: 5 Nov 2016 10:09

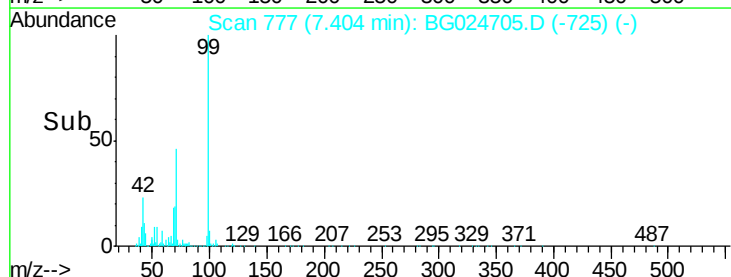
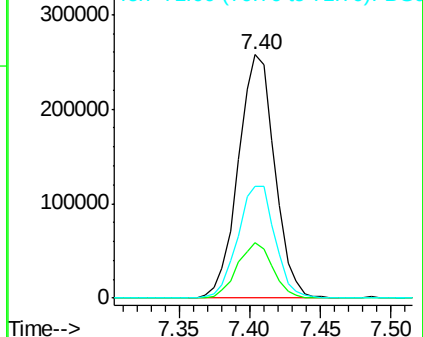
Tgt Ion:	99	Resp:	464022
Ion	Ratio	Lower	Upper
99	100		
42	23.0	20.5	30.7
71	46.1	37.6	56.4

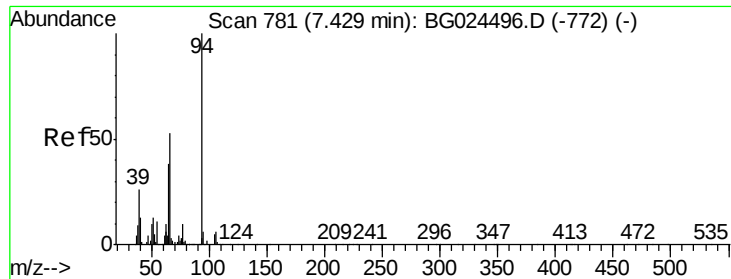


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#10

Phenol

Concen: 2.97 ng

RT: 7.43 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG024705.D

Acq: 5 Nov 2016 10:09

Instrument :

BNA_G

ClientSampleId :

GW-93-8.45-17.0

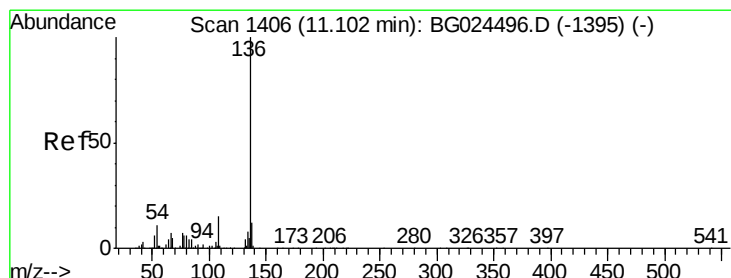
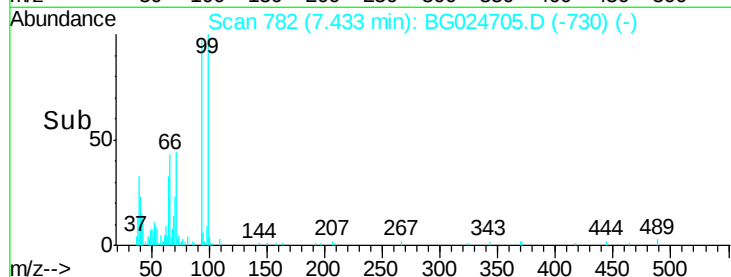
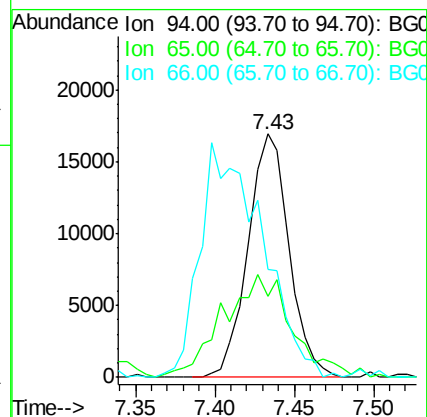
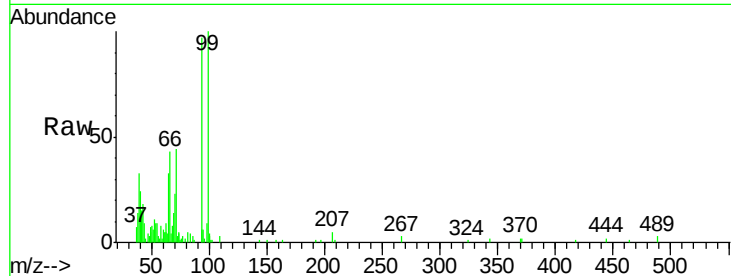
Tgt Ion: 94 Resp: 30530

Ion Ratio Lower Upper

94 100

65 33.5 20.6 60.6

66 44.2 35.5 75.5



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.09 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG024705.D

Acq: 5 Nov 2016 10:09

Tgt Ion: 136 Resp: 496314

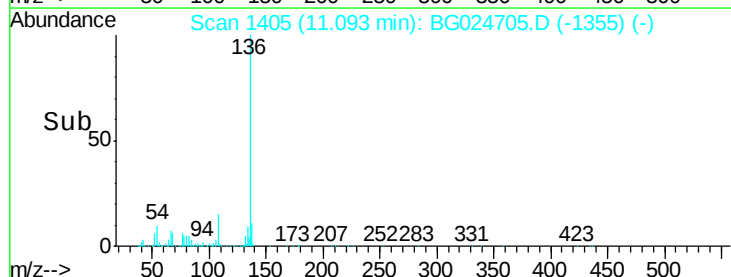
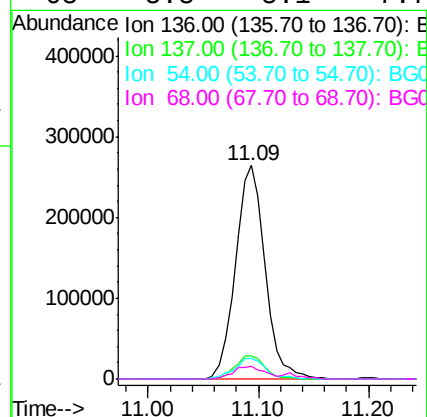
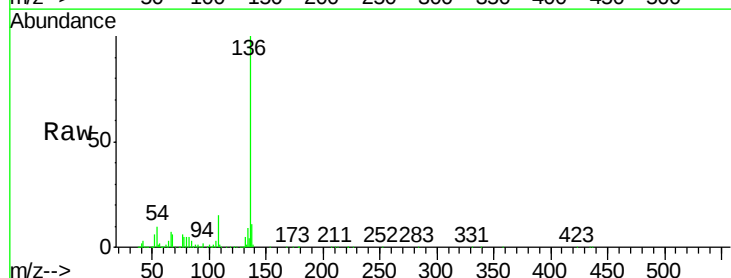
Ion Ratio Lower Upper

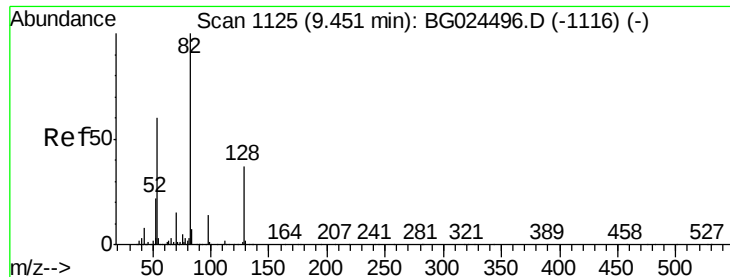
136 100

137 10.8 8.9 13.3

54 9.9 9.3 13.9

68 5.8 5.1 7.7

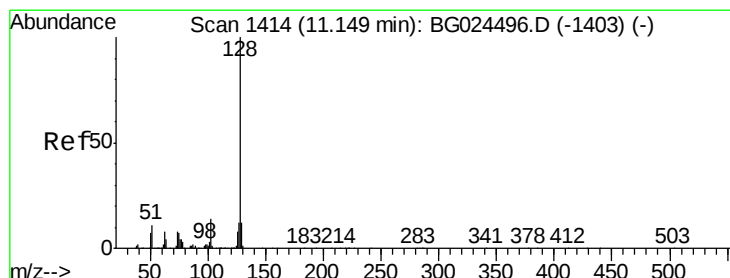
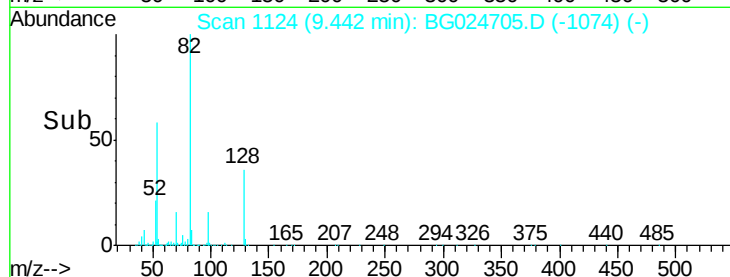
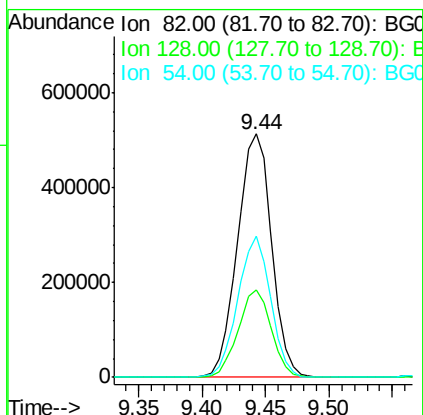
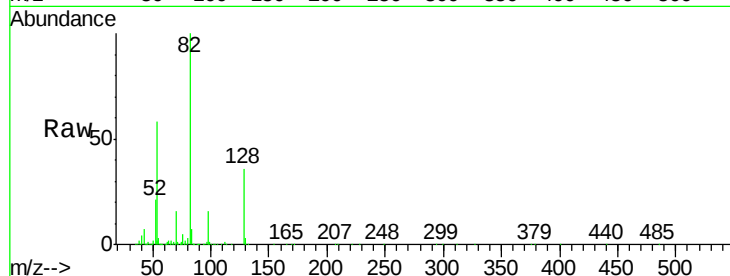




#23
 Nitrobenzene-d5
 Concen: 87.74 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024705.D
 Acq: 5 Nov 2016 10:09

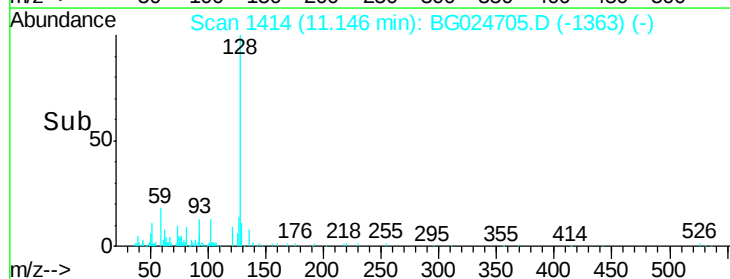
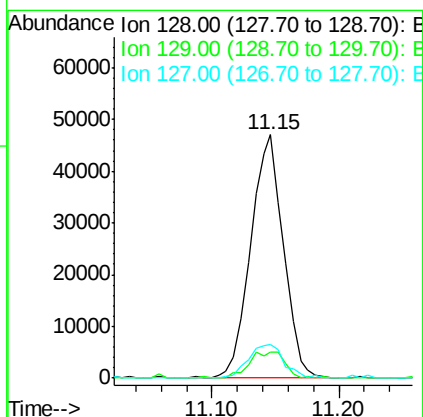
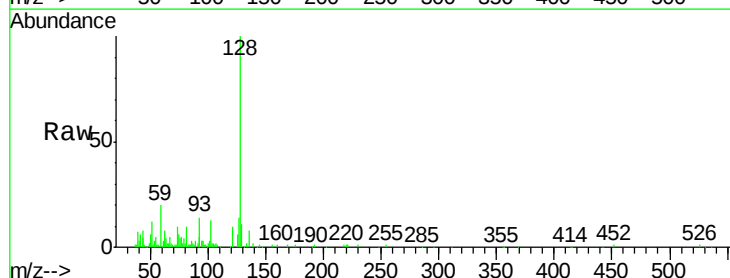
Instrument :
 BNA_G
 ClientSampleId :
 GW-93-8.45-17.0

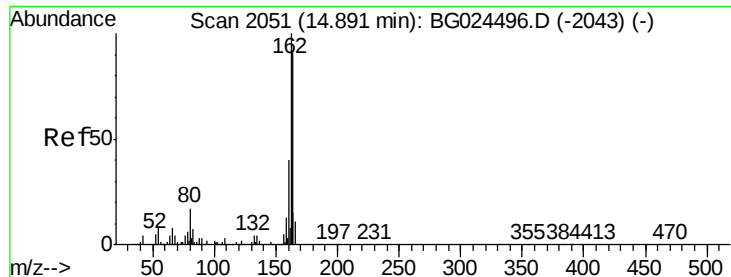
Tgt Ion: 82 Resp: 956468
 Ion Ratio Lower Upper
 82 100
 128 36.1 26.4 39.6
 54 57.8 49.4 74.2



#31
 Naphthalene
 Concen: 3.40 ng
 RT: 11.15 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: BG024705.D
 Acq: 5 Nov 2016 10:09

Tgt Ion: 128 Resp: 84145
 Ion Ratio Lower Upper
 128 100
 129 10.6 9.3 13.9
 127 14.1 11.4 17.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG024705.D

Acq: 5 Nov 2016 10:09

Instrument :

BNA_G

ClientSampleId :

GW-93-8.45-17.0

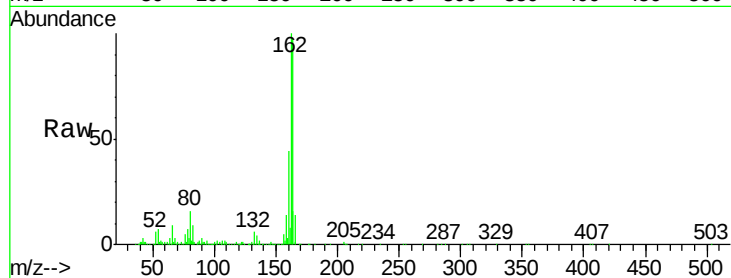
Tgt Ion:164 Resp: 349693

Ion Ratio Lower Upper

164 100

162 103.4 85.1 127.7

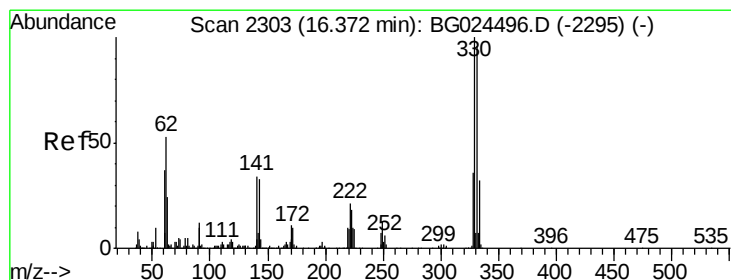
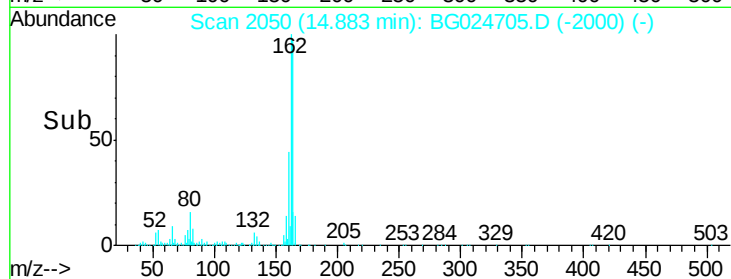
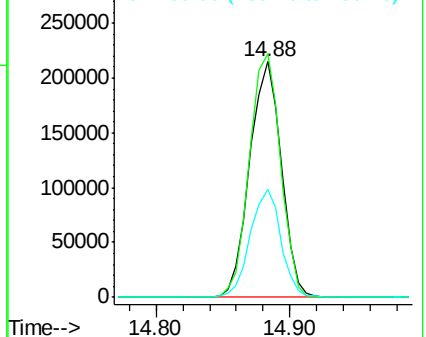
160 45.9 34.7 52.1



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: 145.31 ng

RT: 16.36 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024705.D

Acq: 5 Nov 2016 10:09

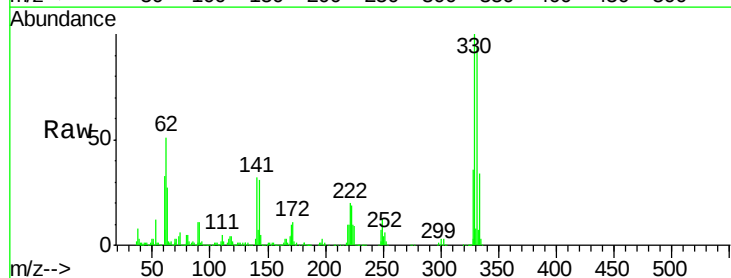
Tgt Ion:330 Resp: 759155

Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

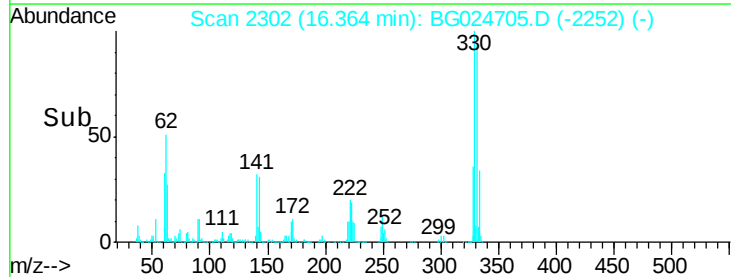
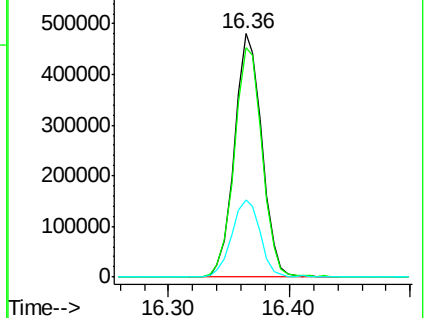
141 33.2 32.1 48.1

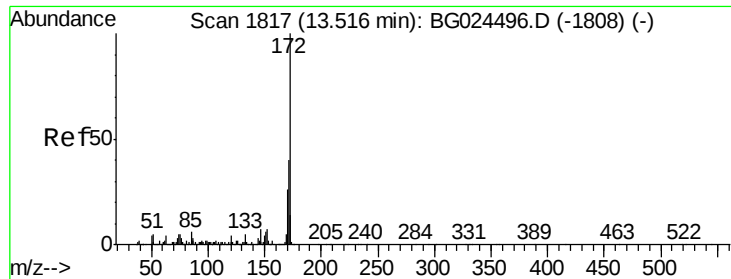


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 92.28 ng

RT: 13.51 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BG024705.D

Acq: 5 Nov 2016 10:09

Instrument :

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ClientSampleId :

GW-93-8.45-17.0

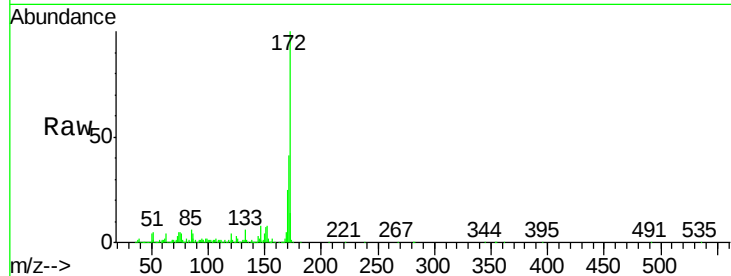
Tgt Ion:172 Resp: 1941575

Ion Ratio Lower Upper

172 100

171 40.7 32.2 48.2

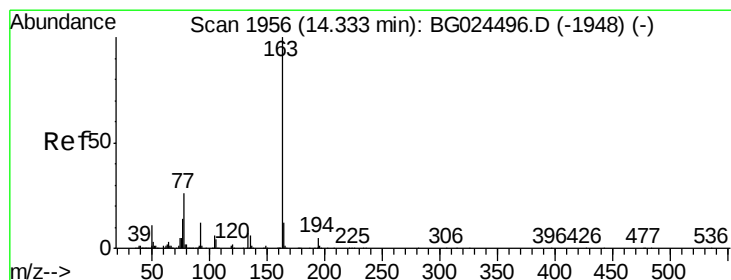
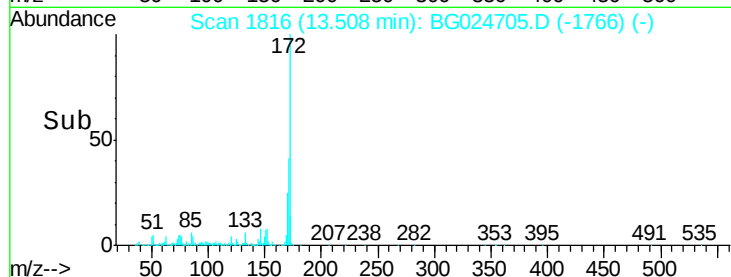
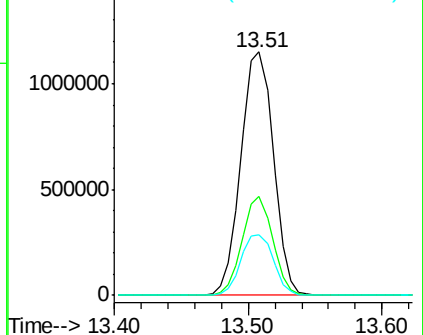
170 25.1 21.8 32.6



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: 3.65 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG024705.D

Acq: 5 Nov 2016 10:09

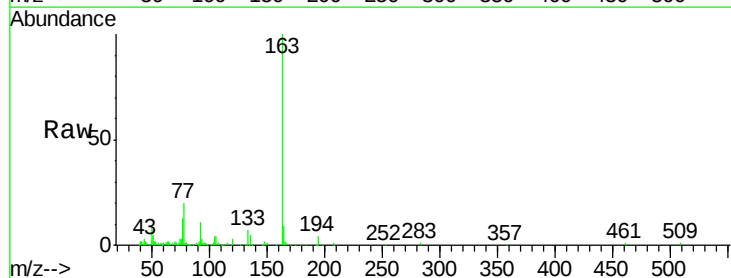
Tgt Ion:163 Resp: 90555

Ion Ratio Lower Upper

163 100

194 4.3 3.8 5.6

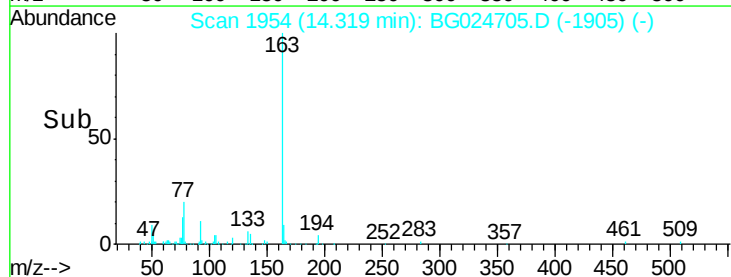
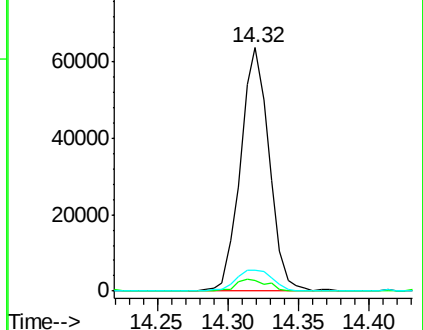
164 8.8 9.3 13.9#

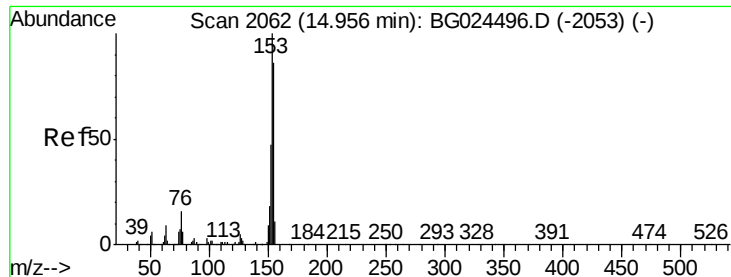


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 2.59 ng

RT: 14.95 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BG024705.D

Acq: 5 Nov 2016 10:09

Instrument :

BNA_G

ClientSampleId :

GW-93-8.45-17.0

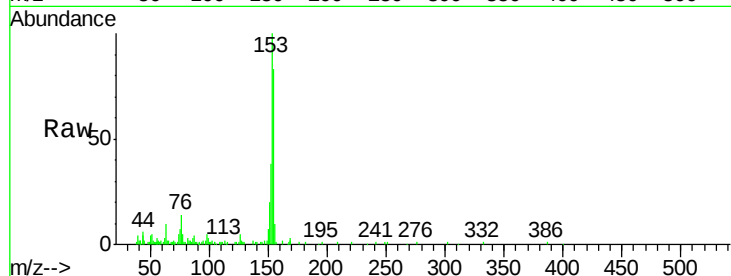
Tgt Ion:154 Resp: 54810

Ion Ratio Lower Upper

154 100

153 121.0 87.8 131.6

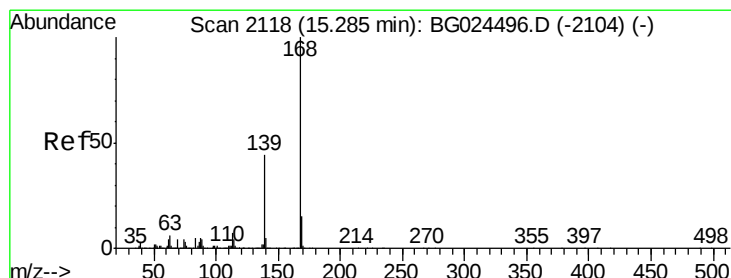
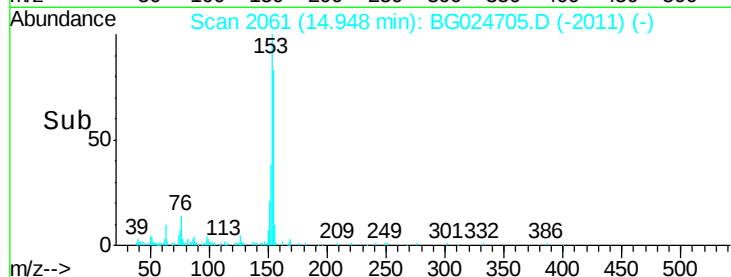
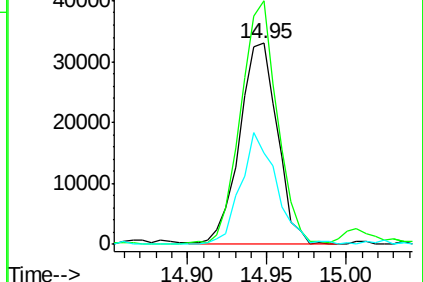
152 45.6 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 2.73 ng

RT: 15.28 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BG024705.D

Acq: 5 Nov 2016 10:09

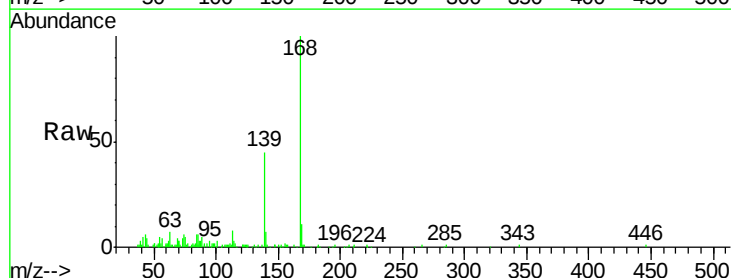
Tgt Ion:168 Resp: 79630

Ion Ratio Lower Upper

168 100

139 44.6 35.3 52.9

169 11.0 11.5 17.3#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

