

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110217\
 Data File : BG030679.D
 Acq On : 3 Nov 2017 1:40
 Operator : SJ/JU
 Sample : I6280-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 03 02:22:07 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 17:41:24 2017
 Response via : Initial Calibration

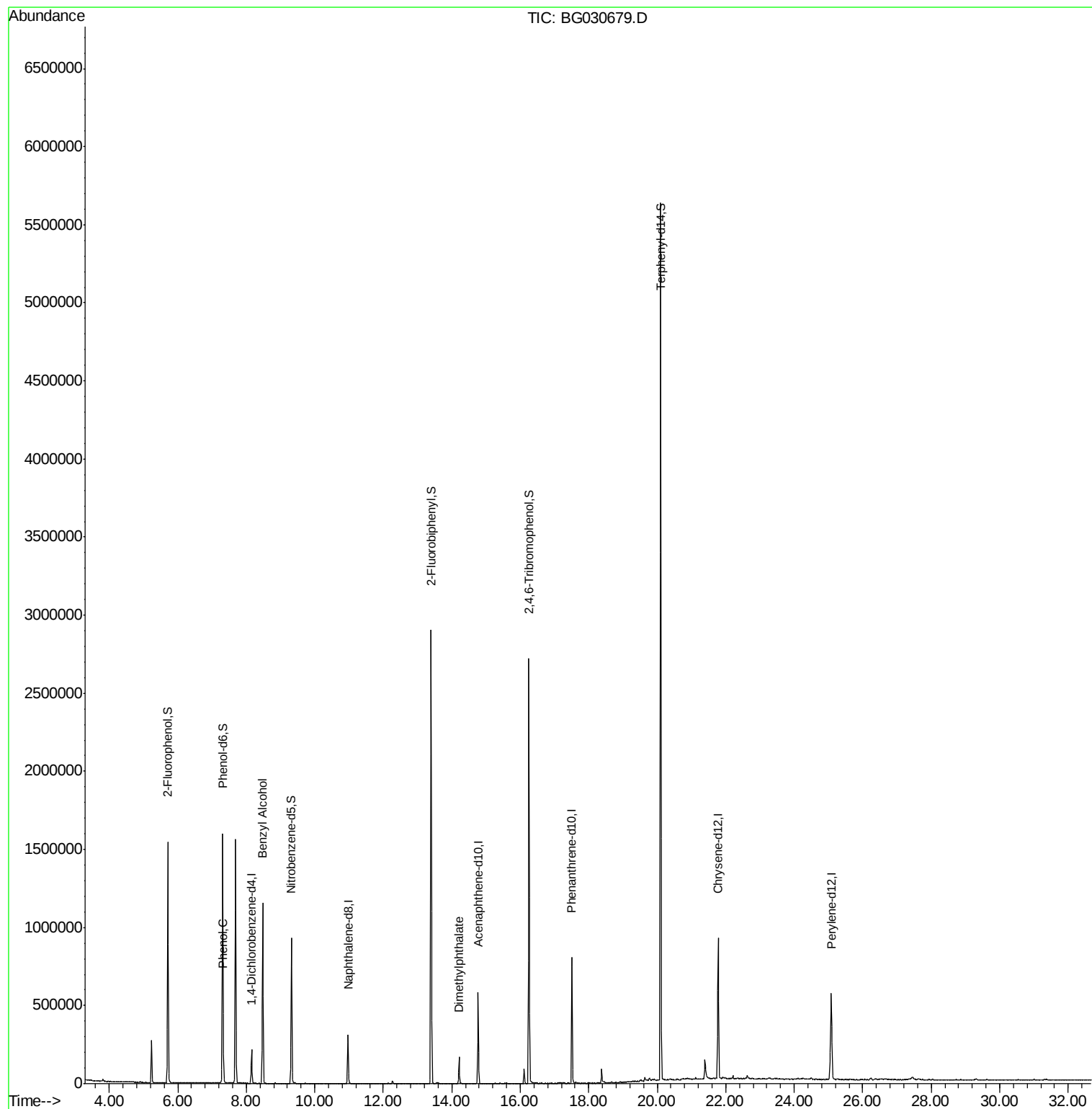
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	63763	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	295221	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	205676	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	509739	20.00	ng	0.00
75) Chrysene-d12	21.78	240	575037	20.00	ng	-0.01
86) Perylene-d12	25.08	264	592022	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	713527	186.94	ng	0.00
7) Phenol-d6	7.31	99	977152	182.39	ng	0.00
23) Nitrobenzene-d5	9.32	82	580182	124.89	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	562181	211.71	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1615116	115.17	ng	0.00
78) Terphenyl-d14	20.10	244	2534830	100.28	ng	0.00
Target Compounds						
10) Phenol	7.34	94	19403	3.359	ng	96
15) Benzyl Alcohol	8.48	79	8844	2.342	ng	# 47
49) Dimethylphthalate	14.21	163	128812	8.027	ng	100

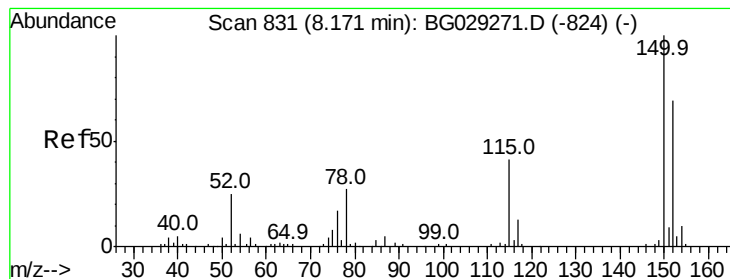
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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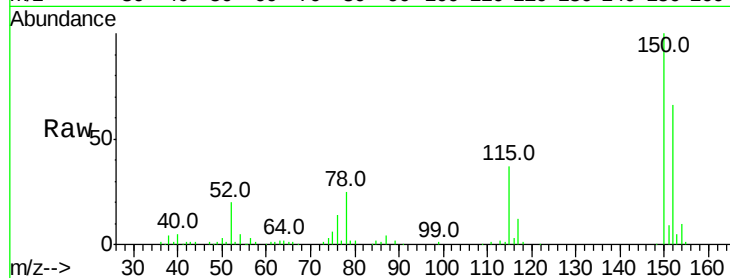


#1

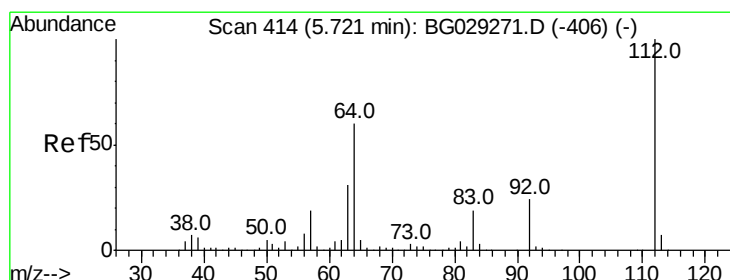
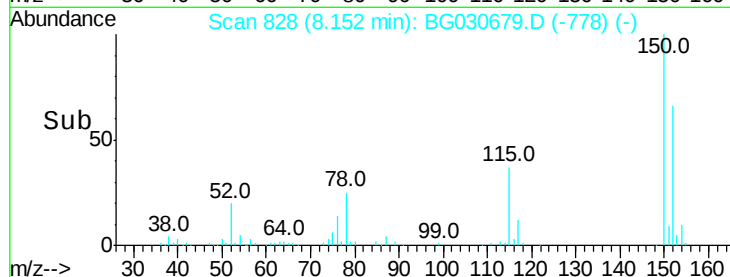
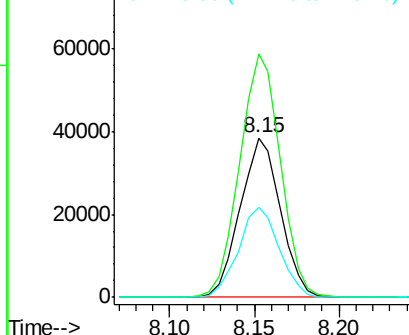
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG030679.D
Acq: 3 Nov 2017 1:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 63763
Ion Ratio Lower Upper
152 100
150 152.6 126.6 189.8
115 56.3 53.0 79.4



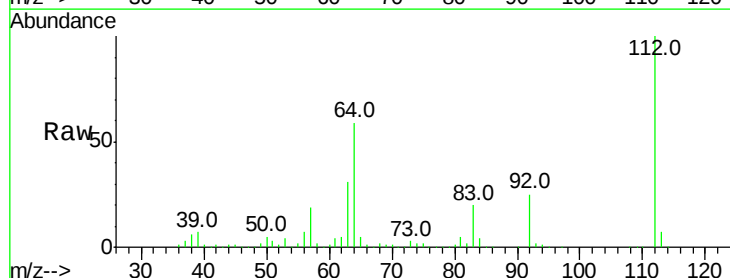
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



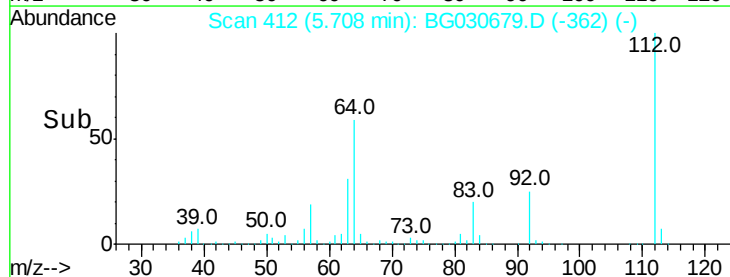
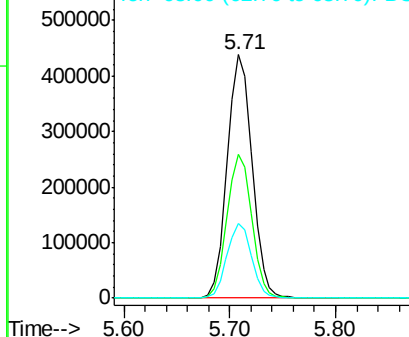
#5

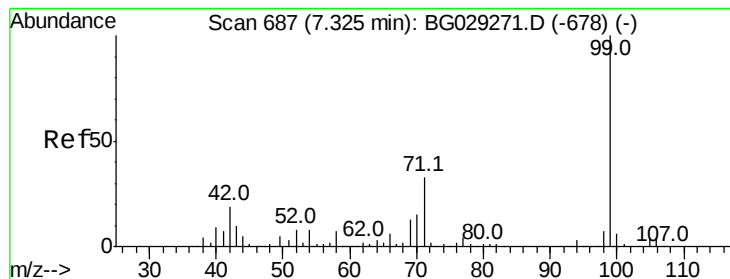
2-Fluorophenol
Concen: 186.940 ng
RT: 5.71 min Scan# 412
Delta R.T. -0.01 min
Lab File: BG030679.D
Acq: 3 Nov 2017 1:40

Tgt Ion:112 Resp: 713527
Ion Ratio Lower Upper
112 100
64 59.2 56.3 84.5
63 30.9 30.1 45.1



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: 182.387 ng

RT: 7.31 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG030679.D

Acq: 3 Nov 2017 1:40

Instrument :

BNA_G

ClientSampleId :

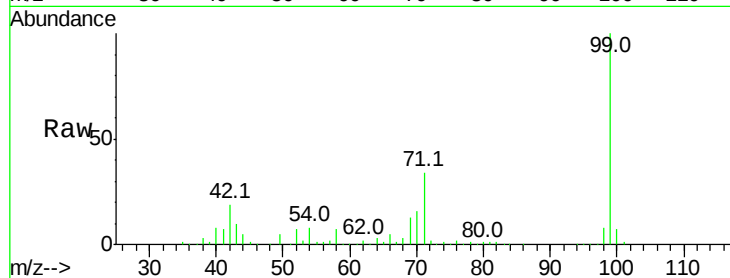
Tot Ion: 99 Resp: 977152

Ion Ratio Lower Upper

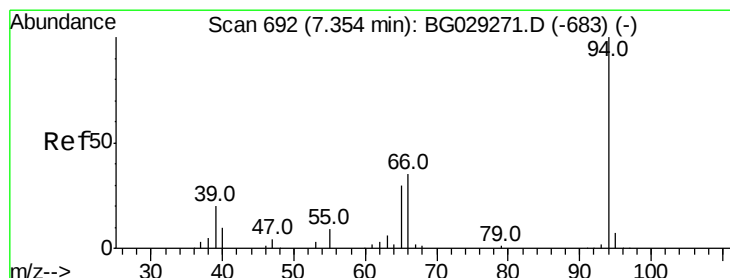
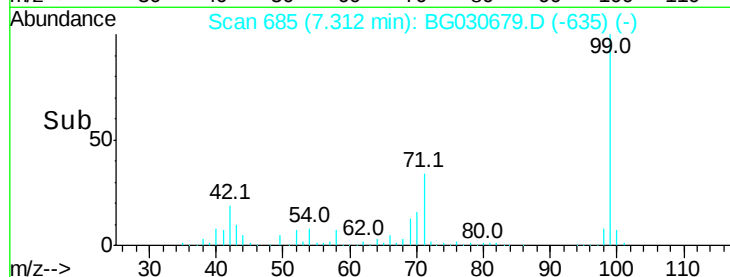
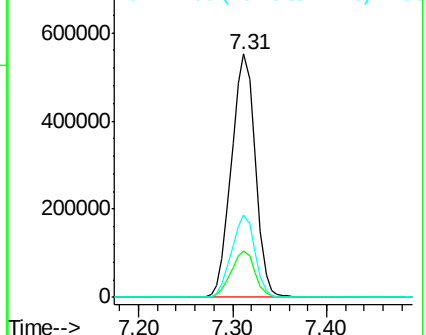
99 100

42 18.8 14.1 21.1

71 33.9 26.1 39.1



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: 3.359 ng

RT: 7.34 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG030679.D

Acq: 3 Nov 2017 1:40

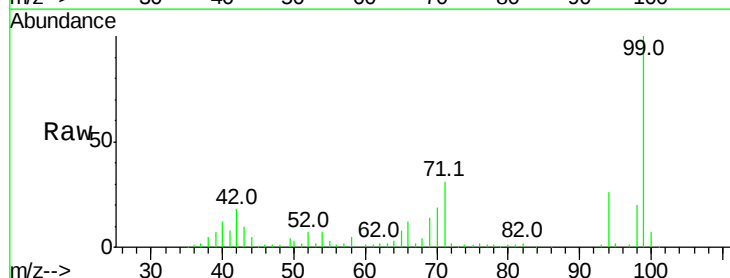
Tgt Ion: 94 Resp: 19403

Ion Ratio Lower Upper

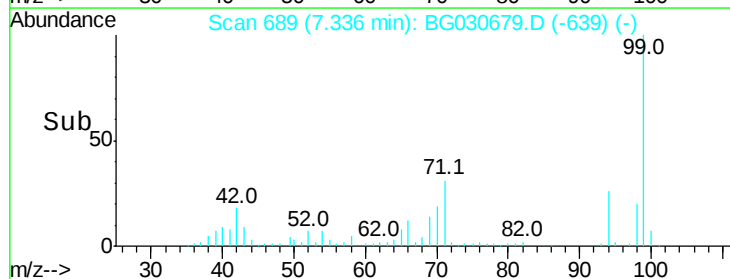
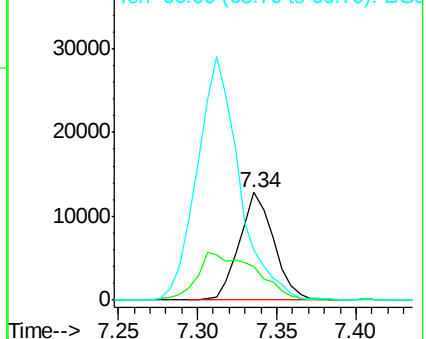
94 100

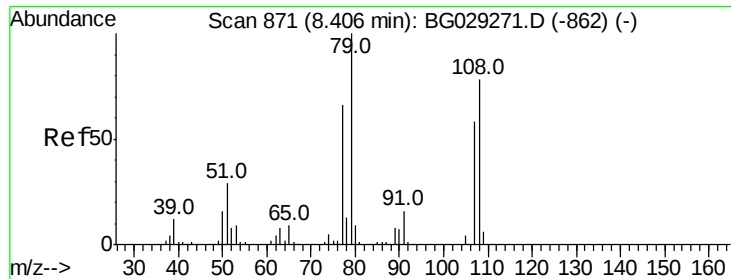
65 31.8 11.9 51.9

66 46.9 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#15

Benzyl Alcohol

Concen: 2.342 ng

RT: 8.48 min Scan# 883

Delta R.T. 0.08 min

Lab File: BG030679.D

Acq: 3 Nov 2017 1:40

Instrument :

BNA_G

ClientSampleId :

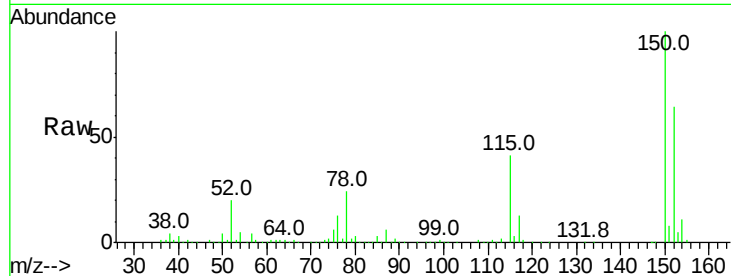
Tot Ion: 79 Resp: 8844

Ion Ratio Lower Upper

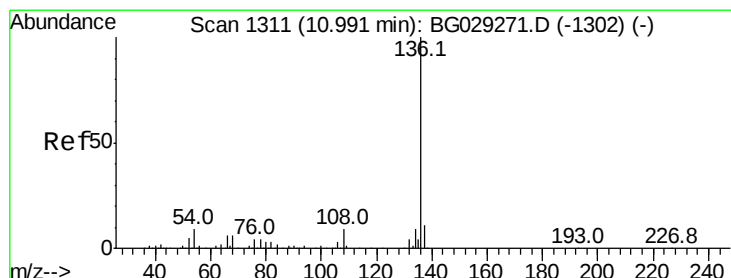
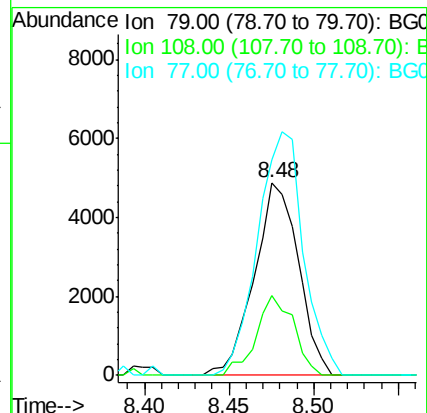
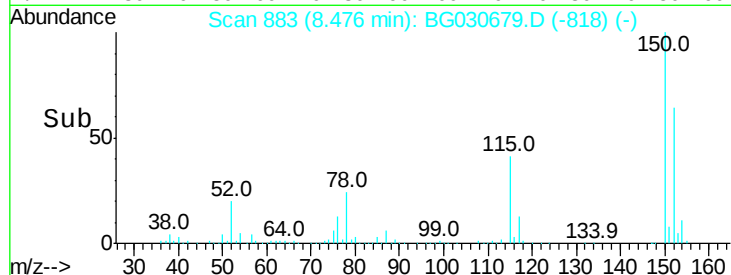
79 100

108 41.1 57.2 85.8#

77 112.0 46.1 69.1#



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: 20.000 ng

RT: 10.97 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BG030679.D

Acq: 3 Nov 2017 1:40

Tgt Ion: 136 Resp: 295221

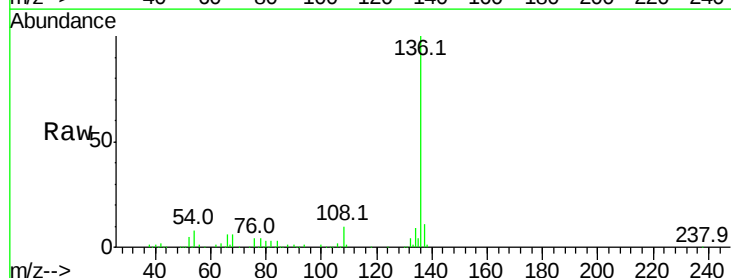
Ion Ratio Lower Upper

136 100

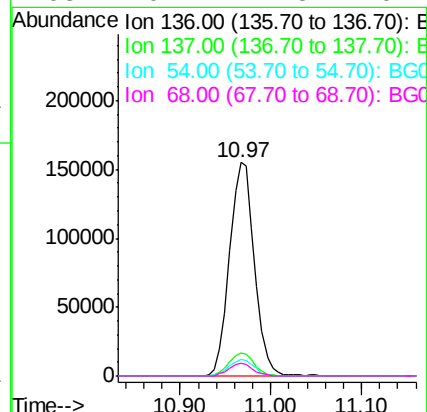
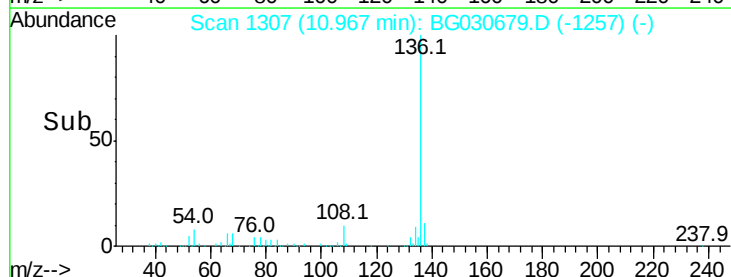
137 10.8 9.2 13.8

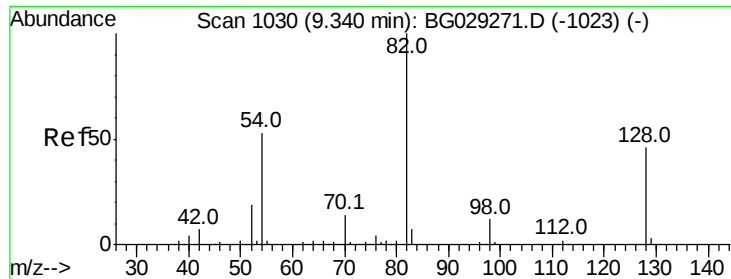
54 7.8 10.3 15.5#

68 6.2 4.5 6.7



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

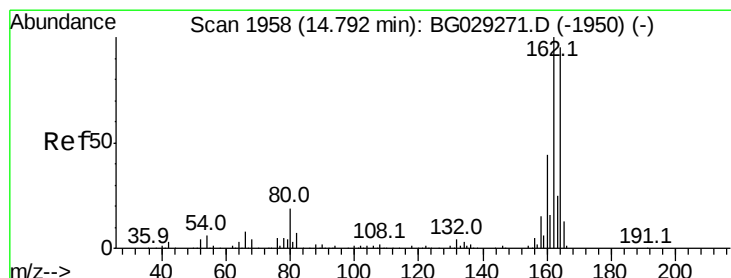
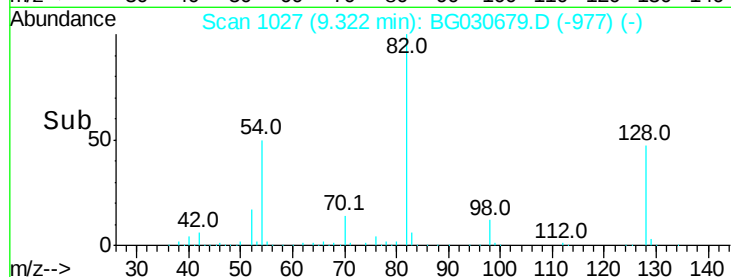
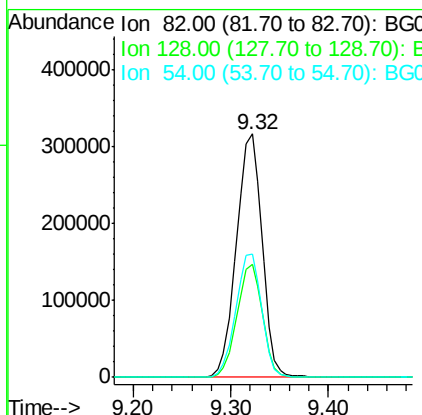
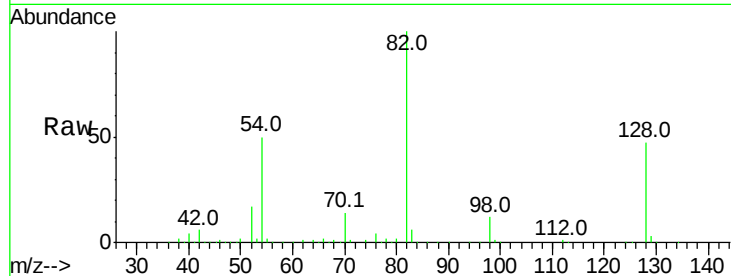




#23
 Nitrobenzene-d5
 Concen: 124.886 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG030679.D
 Acq: 3 Nov 2017 1:40

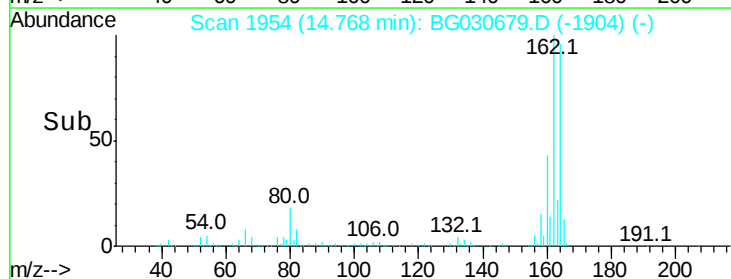
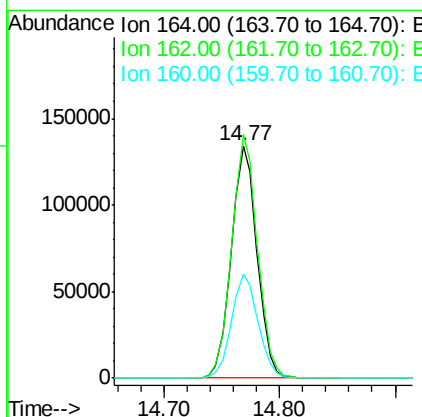
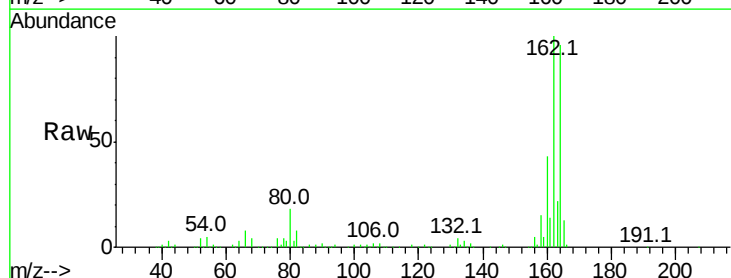
Instrument :
 BNA_G
 ClientSampled :

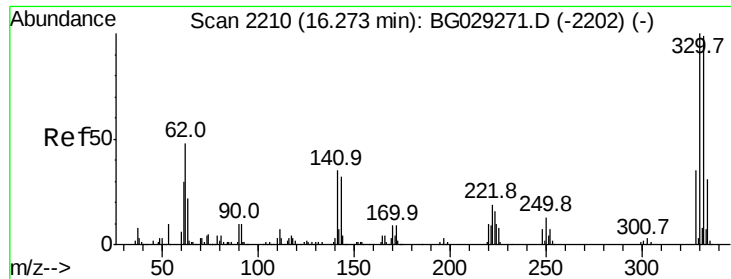
Tot Ion: 82 Resp: 580182
 Ion Ratio Lower Upper
 82 100
 128 46.7 29.7 44.5#
 54 50.4 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BG030679.D
 Acq: 3 Nov 2017 1:40

Tgt Ion:164 Resp: 205676
 Ion Ratio Lower Upper
 164 100
 162 104.7 78.8 118.2
 160 44.5 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 211.705 ng

RT: 16.25 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BG030679.D

Acq: 3 Nov 2017 1:40

Instrument :

BNA_G

ClientSampleId :

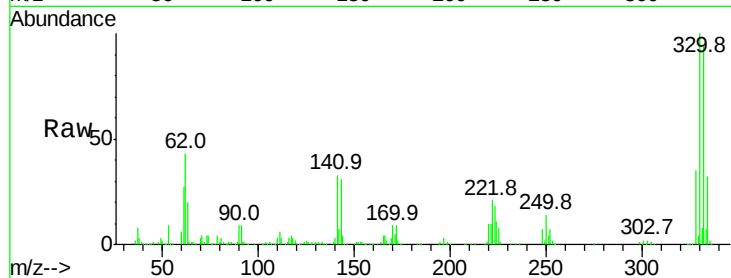
Tot Ion:330 Resp: 562181

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

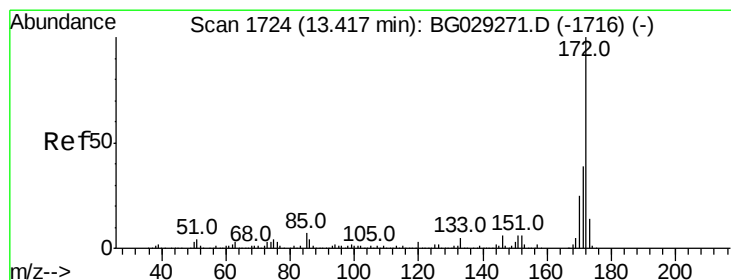
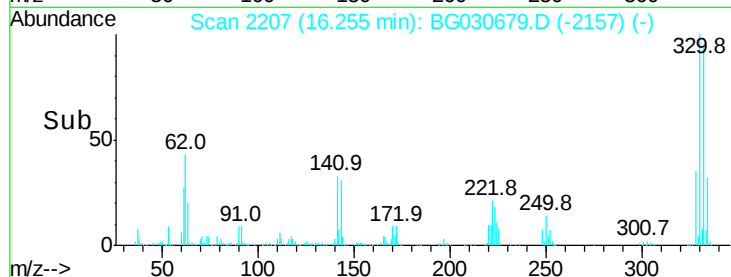
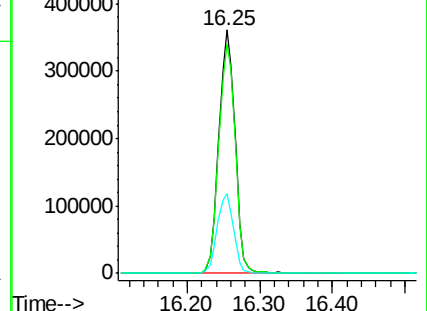
141 33.0 25.2 37.8



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: 115.172 ng

RT: 13.40 min Scan# 1721

Delta R.T. 0.00 min

Lab File: BG030679.D

Acq: 3 Nov 2017 1:40

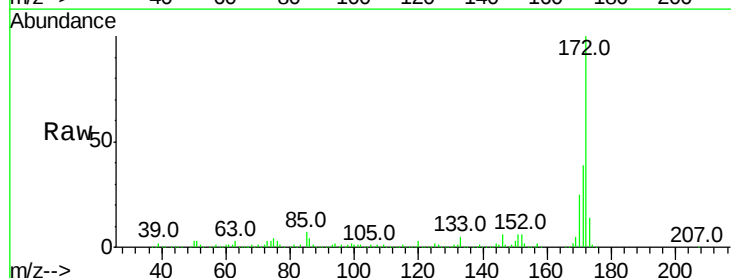
Tgt Ion:172 Resp: 1615116

Ion Ratio Lower Upper

172 100

171 38.8 30.0 45.0

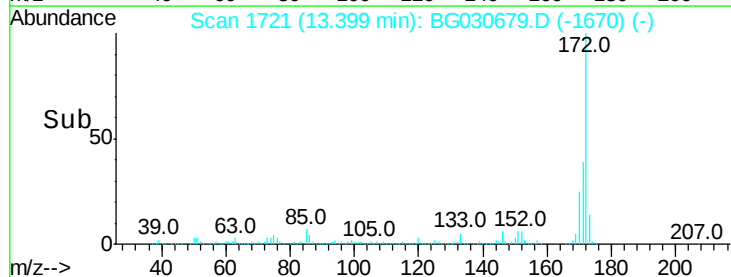
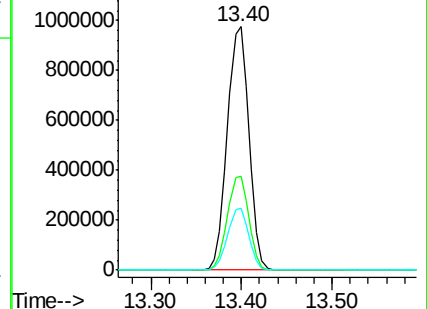
170 25.2 19.5 29.3

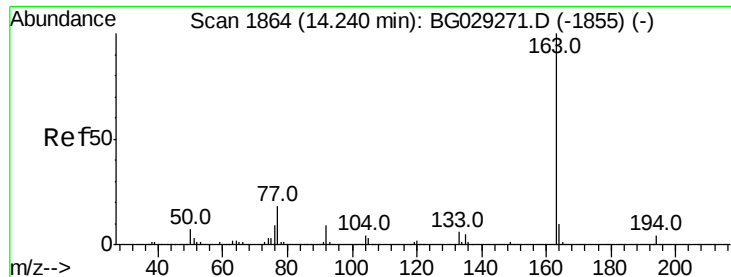


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 8.027 ng

RT: 14.21 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BG030679.D

Acq: 3 Nov 2017 1:40

Instrument :

BNA_G

ClientSampled :

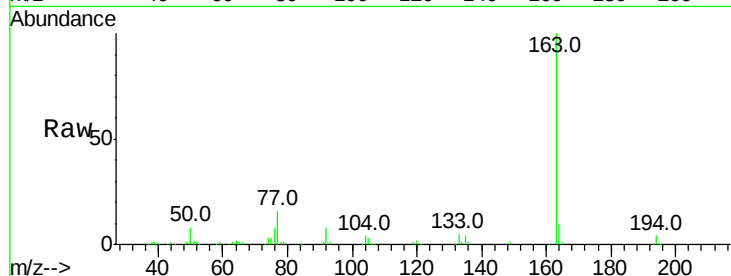
Tot Ion:163 Resp: 128812

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

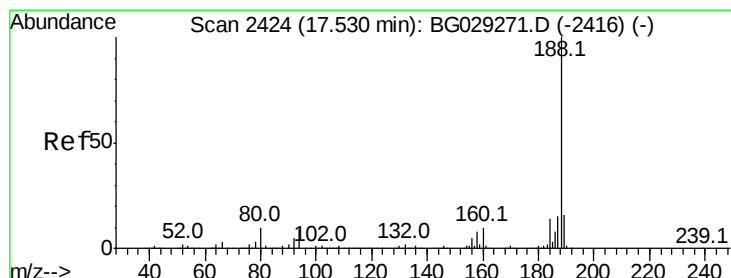
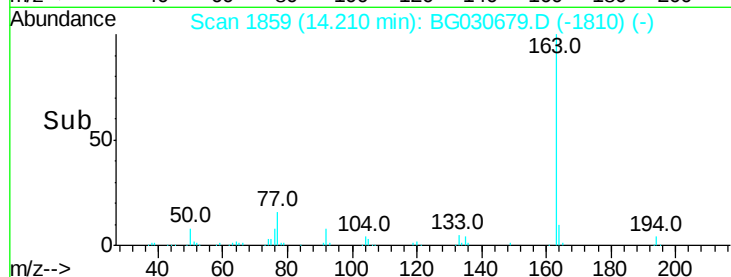
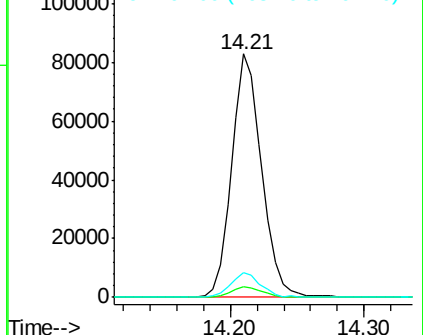
164 10.3 8.2 12.4



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: 20.000 ng

RT: 17.51 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BG030679.D

Acq: 3 Nov 2017 1:40

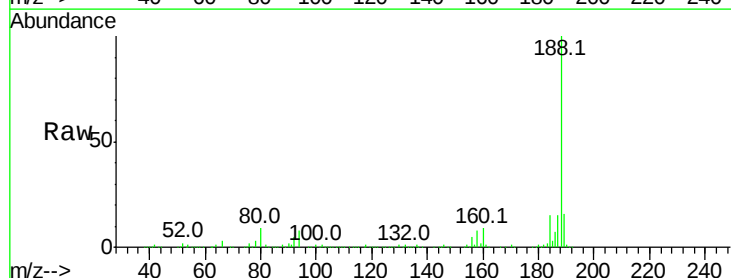
Tgt Ion:188 Resp: 509739

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

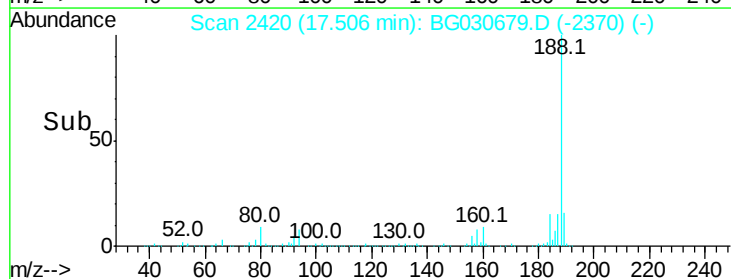
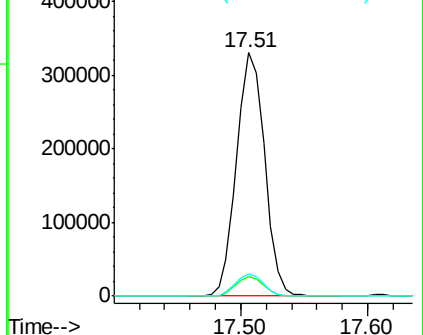
80 9.3 7.7 11.5

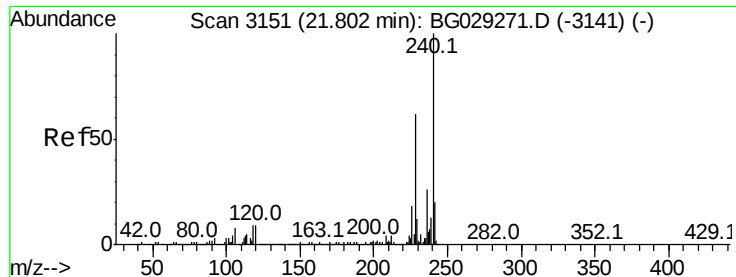


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG030679.D

Acq: 3 Nov 2017 1:40

Instrument :

BNA_G

ClientSampleId :

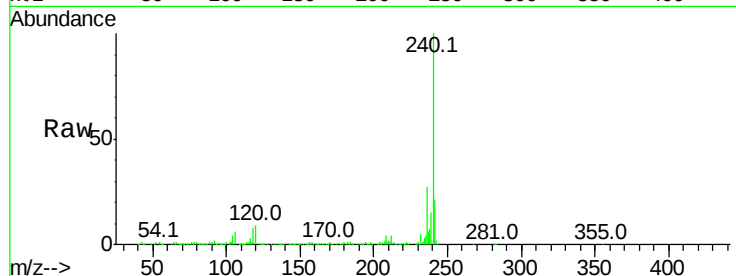
Tot Ion:240 Resp: 575037

Ion Ratio Lower Upper

240 100

120 8.6 6.8 10.2

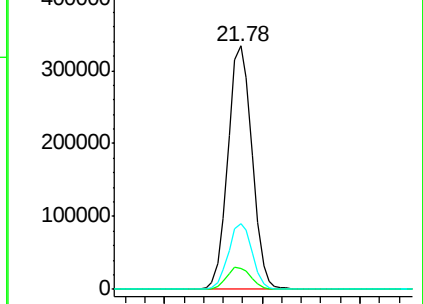
236 27.0 20.9 31.3



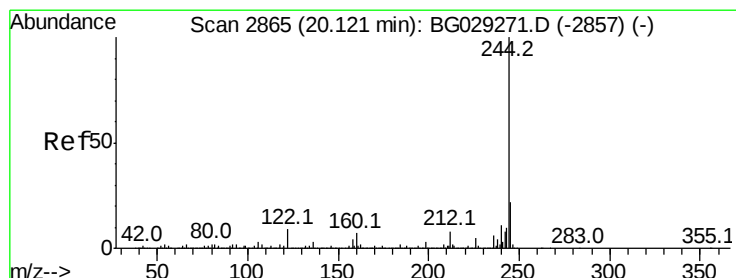
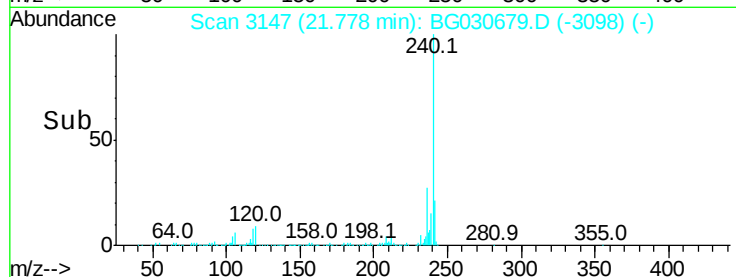
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 100.282 ng

RT: 20.10 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG030679.D

Acq: 3 Nov 2017 1:40

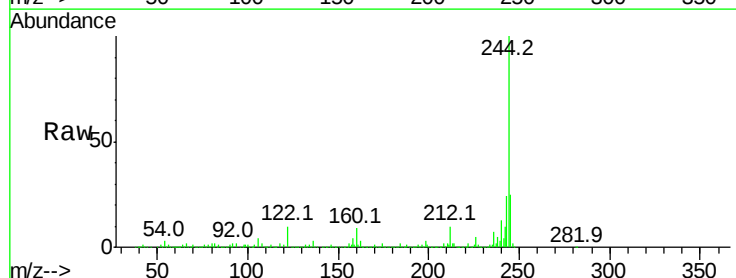
Tgt Ion:244 Resp: 2534830

Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

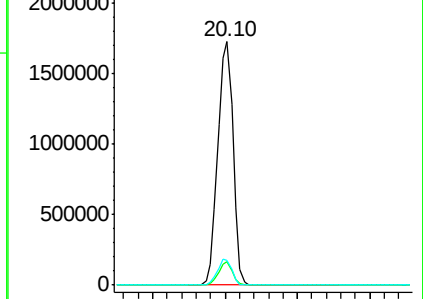
122 10.4 7.0 10.4



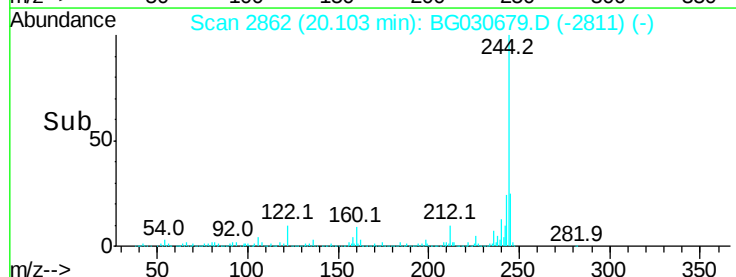
Abundance Ion 244.00 (243.70 to 244.70): E

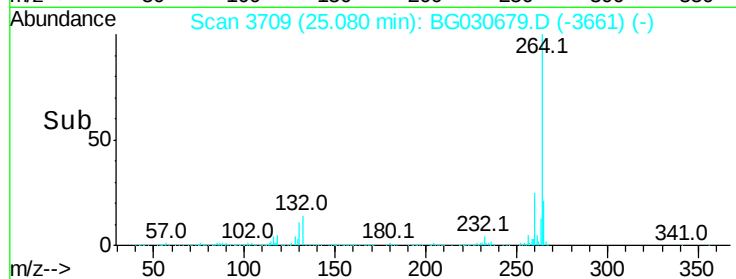
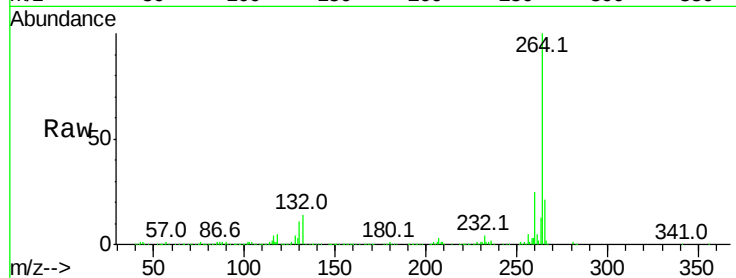
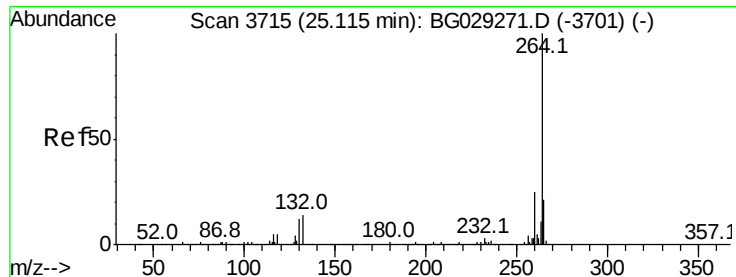
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.02 min
Lab File: BG030679.D
Acq: 3 Nov 2017 1:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.0
265	21.4	17.7	26.5

