

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\
 Data File : BG030957.D
 Acq On : 12 Nov 2017 00:00
 Operator : SJ/JU
 Sample : I6443-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 13 03:24:23 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

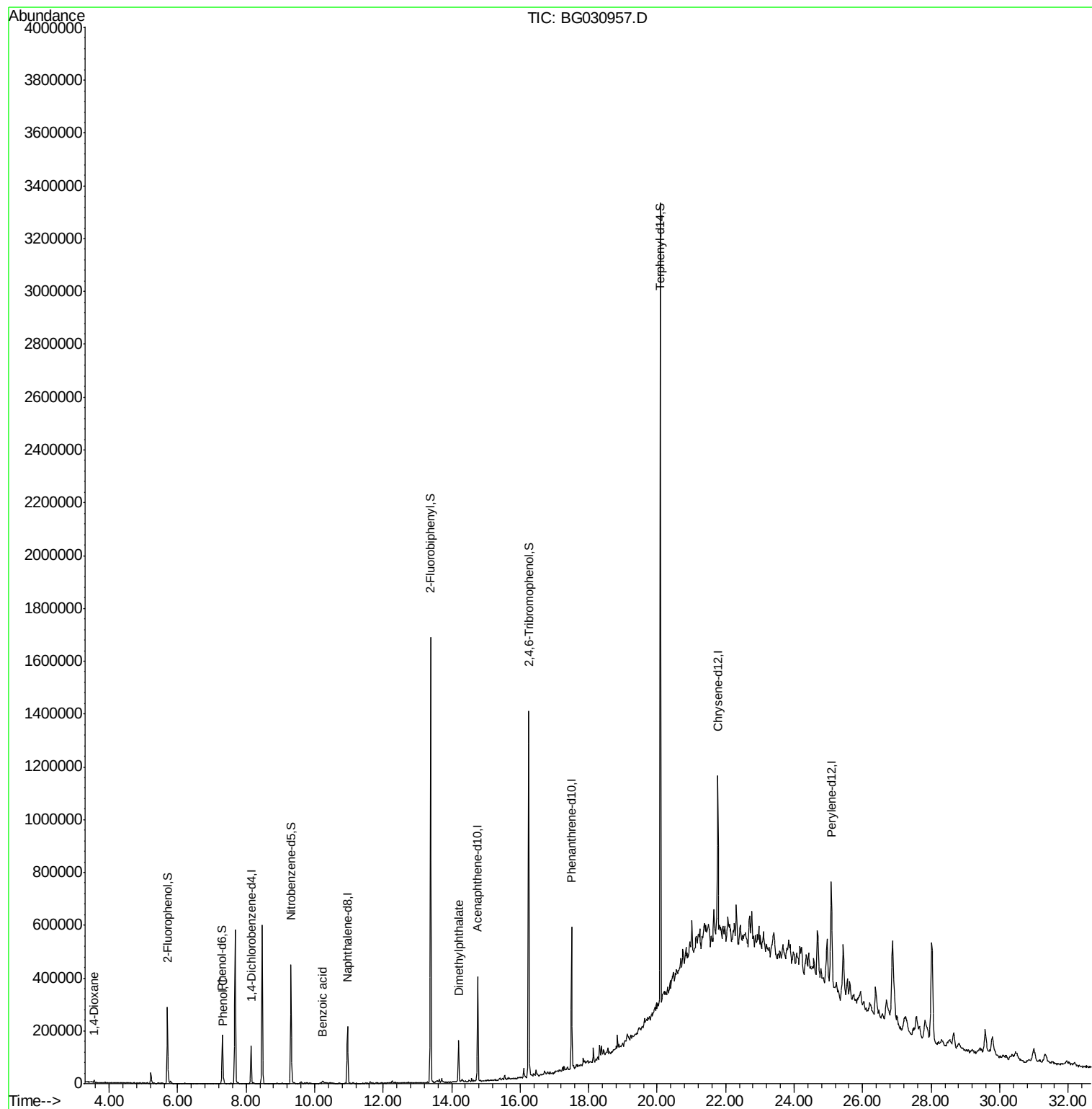
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	43461	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	197501	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	141258	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	345874	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	399518	20.00	ng	0.00
86) Perylene-d12	25.08	264	410787	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	138349	54.59	ng	0.00
7) Phenol-d6	7.30	99	116931	34.24	ng	0.00
23) Nitrobenzene-d5	9.31	82	285015	85.51	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	310302	135.79	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	904123	91.97	ng	-0.02
78) Terphenyl-d14	20.09	244	1464106	80.92	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.55	88	4518	4.393	ng	# 78
10) Phenol	7.33	94	10552	2.976	ng	85
32) Benzoic acid	10.23	122	8714	9.164	ng	# 66
49) Dimethylphthalate	14.20	163	112828	9.238	ng	97

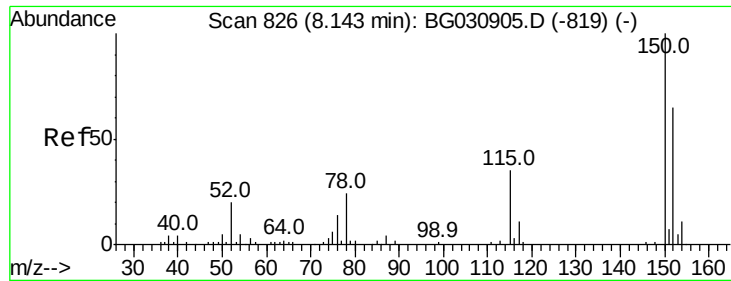
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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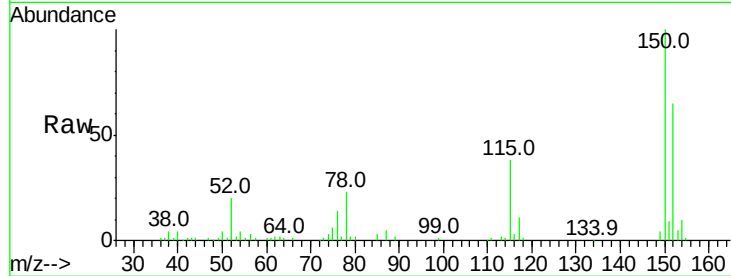


#1

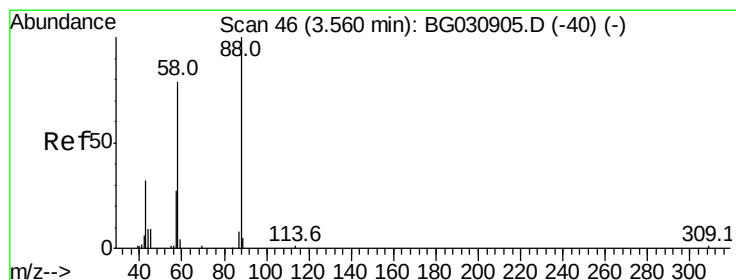
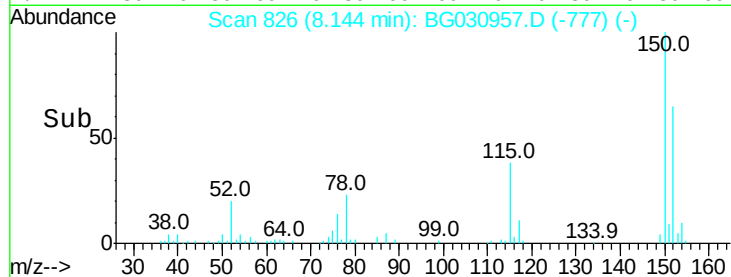
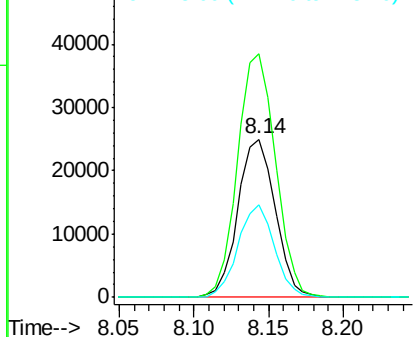
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030957.D
Acq: 12 Nov 2017 00:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 43461
Ion Ratio Lower Upper
152 100
150 154.3 126.6 189.8
115 58.5 53.0 79.4



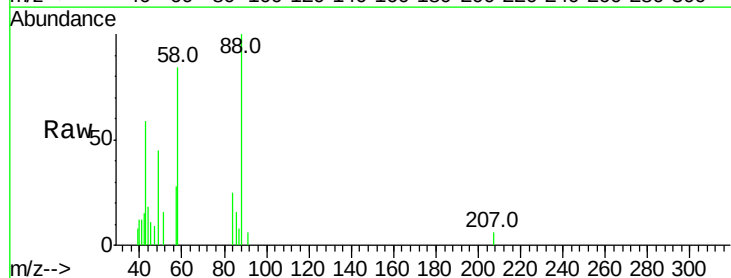
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



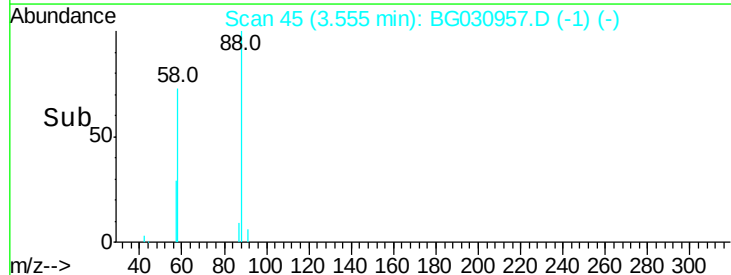
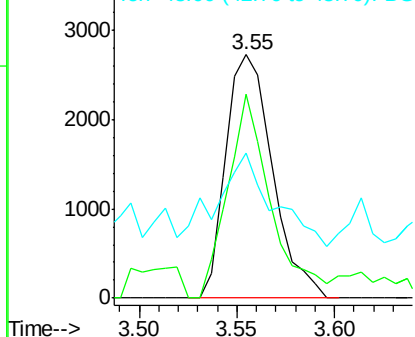
#2

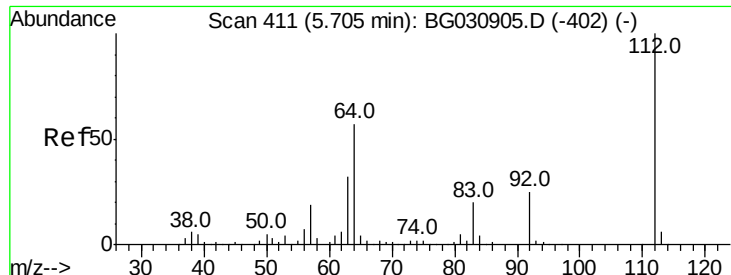
1,4-Dioxane
Concen: 4.393 ng
RT: 3.55 min Scan# 45
Delta R.T. -0.02 min
Lab File: BG030957.D
Acq: 12 Nov 2017 00:00

Tgt Ion: 88 Resp: 4518
Ion Ratio Lower Upper
88 100
58 77.2 79.6 119.4#
43 45.9 27.4 41.0#



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: 54.586 ng

RT: 5.70 min Scan# 410

Delta R.T. -0.01 min

Lab File: BG030957.D

Acq: 12 Nov 2017 00:00

Instrument :

BNA_G

ClientSampled :

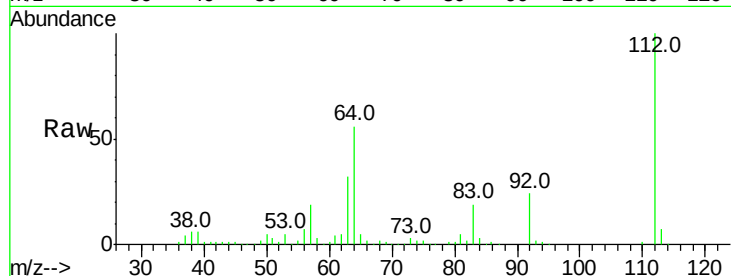
Tot Ion:112 Resp: 138349

Ion Ratio Lower Upper

112 100

64 56.4 56.3 84.5

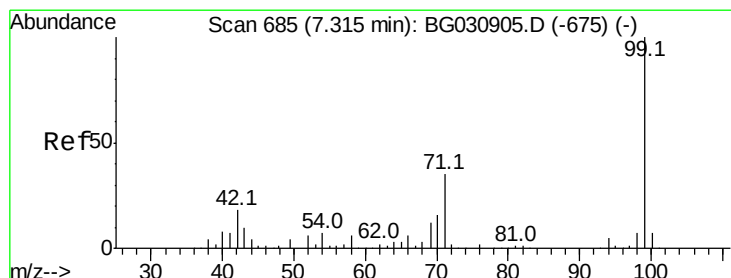
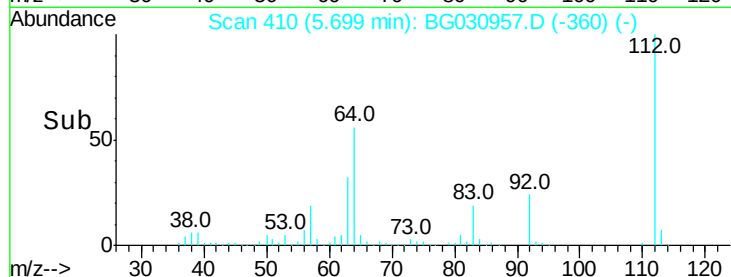
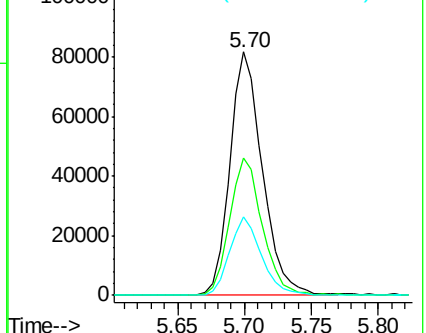
63 32.4 30.1 45.1



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: 34.245 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG030957.D

Acq: 12 Nov 2017 00:00

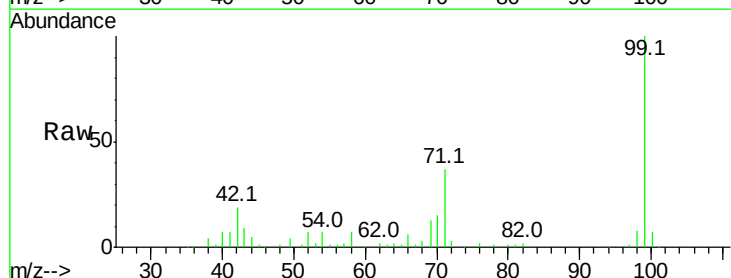
Tgt Ion: 99 Resp: 116931

Ion Ratio Lower Upper

99 100

42 18.8 14.1 21.1

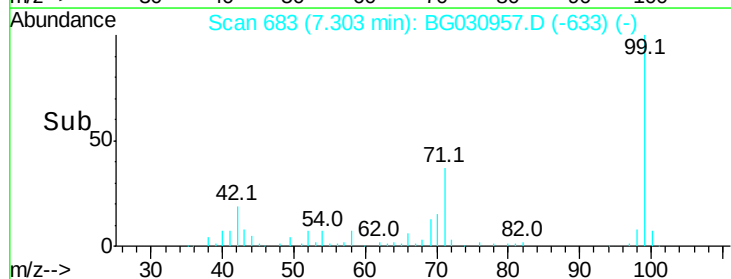
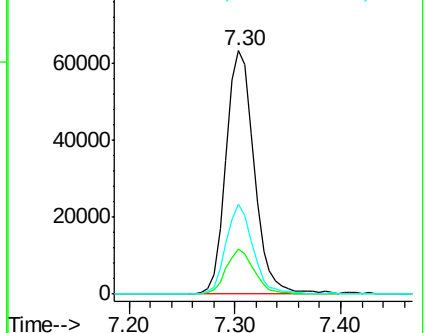
71 37.0 26.1 39.1

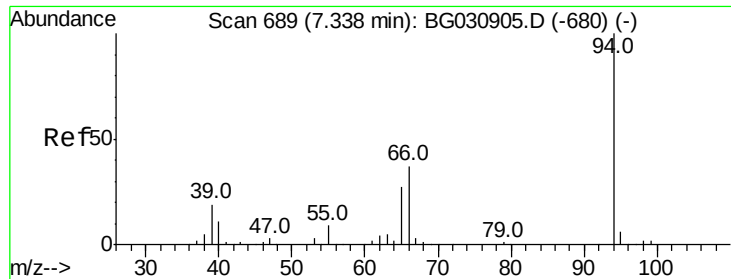


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#10

Phenol

Concen: 2.976 ng

RT: 7.33 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG030957.D

Acq: 12 Nov 2017 00:00

Instrument :

BNA_G

ClientSampled :

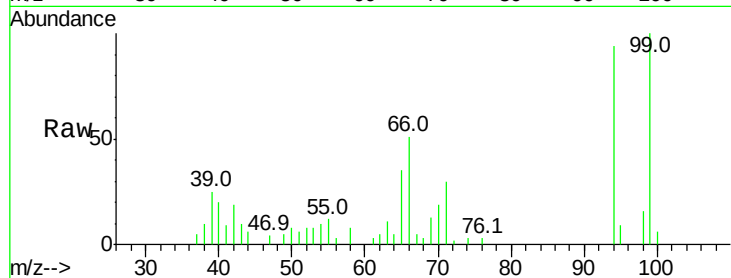
Tot Ion: 94 Resp: 10552

Ion Ratio Lower Upper

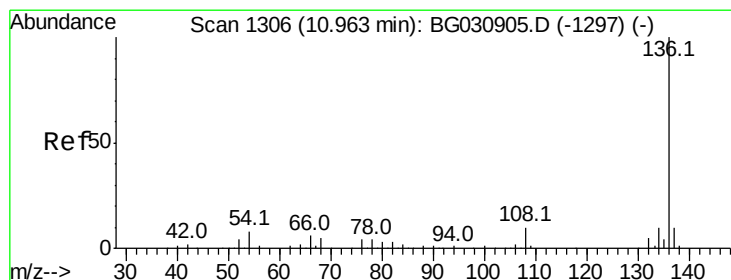
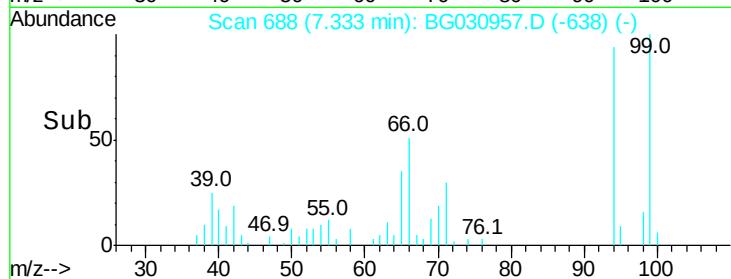
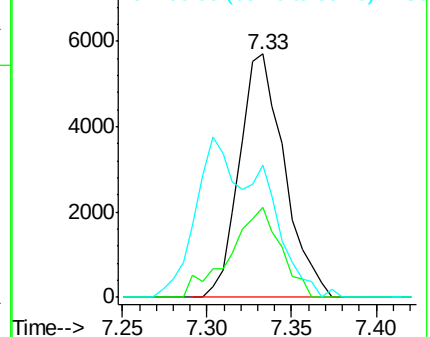
94 100

65 37.1 11.9 51.9

66 54.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG030957.D

Acq: 12 Nov 2017 00:00

Tgt Ion: 136 Resp: 197501

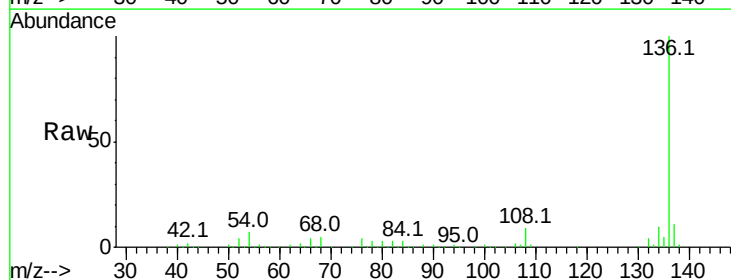
Ion Ratio Lower Upper

136 100

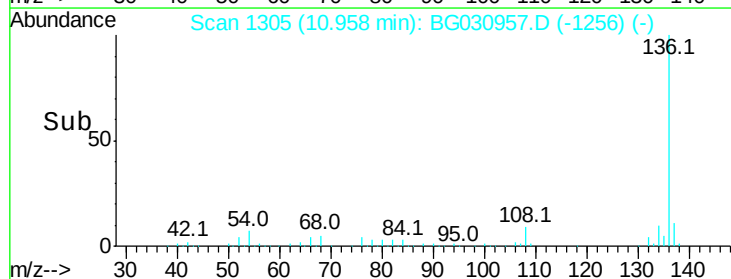
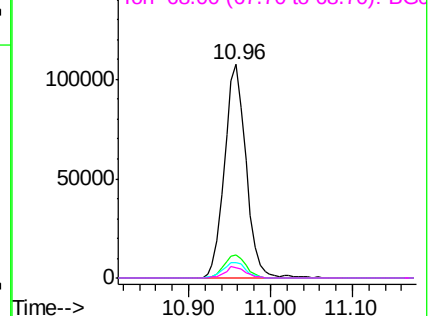
137 11.1 9.2 13.8

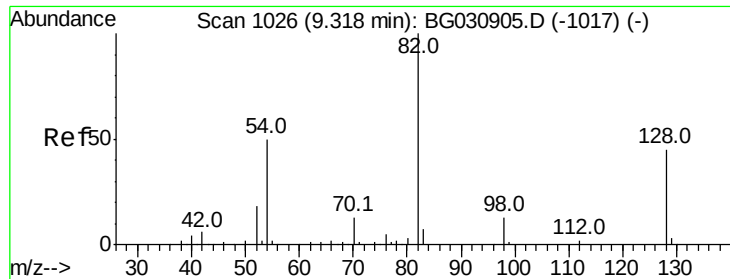
54 7.0 10.3 15.5#

68 4.8 4.5 6.7



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

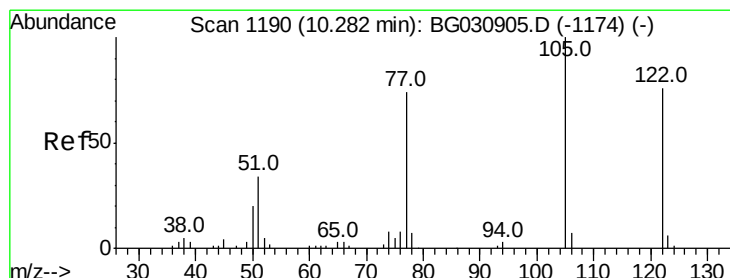
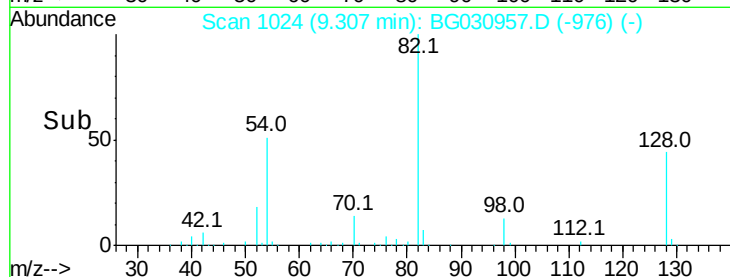
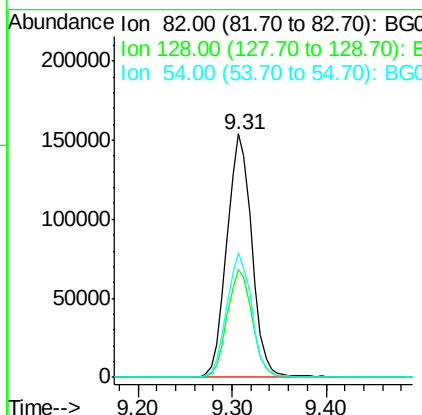
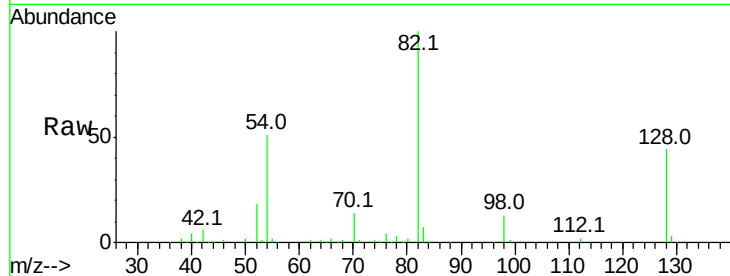




#23
 Nitrobenzene-d5
 Concen: 85.513 ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG030957.D
 Acq: 12 Nov 2017 00:00

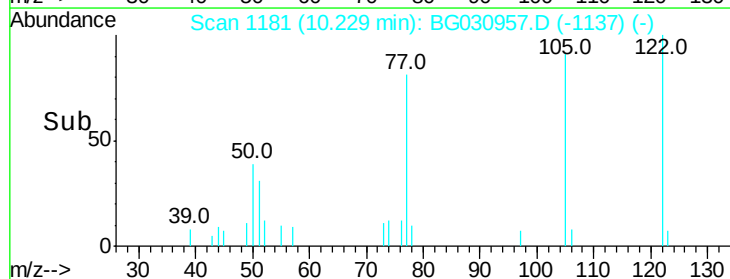
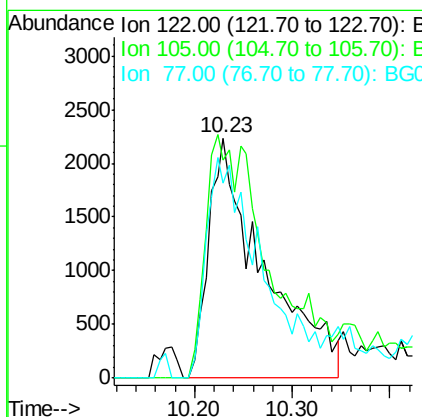
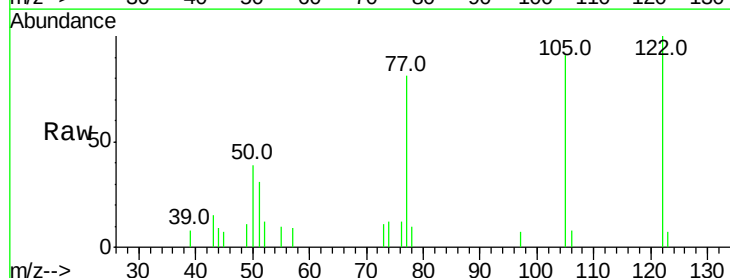
Instrument :
 BNA_G
 ClientSampled :

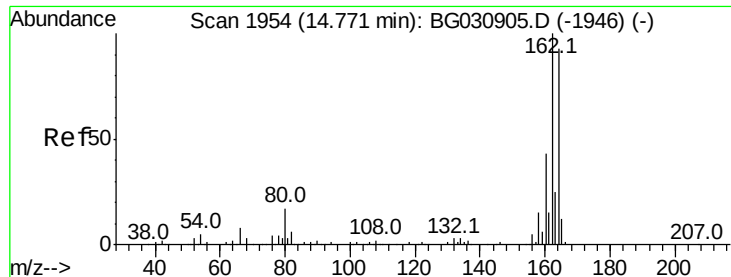
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	29.7	44.5
54	51.0	43.1	64.7



#32
 Benzoic acid
 Concen: 9.164 ng
 RT: 10.23 min Scan# 1181
 Delta R.T. -0.04 min
 Lab File: BG030957.D
 Acq: 12 Nov 2017 00:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	91.1	123.5	163.5#
77	81.3	85.7	125.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.02 min

Lab File: BG030957.D

Acq: 12 Nov 2017 00:00

Instrument :

BNA_G

ClientSampleId :

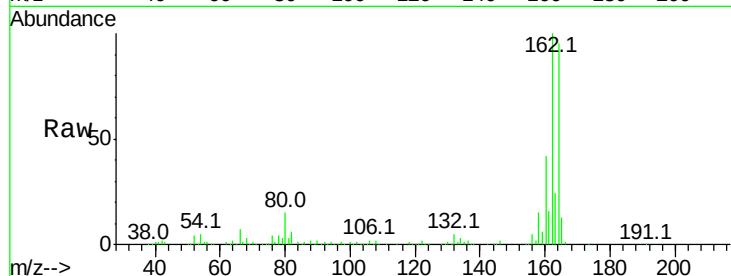
Tot Ion:164 Resp: 141258

Ion Ratio Lower Upper

164 100

162 105.0 78.8 118.2

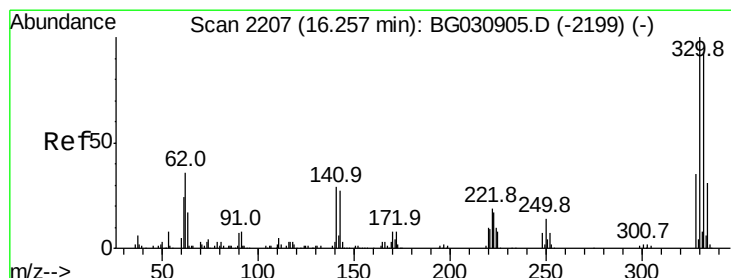
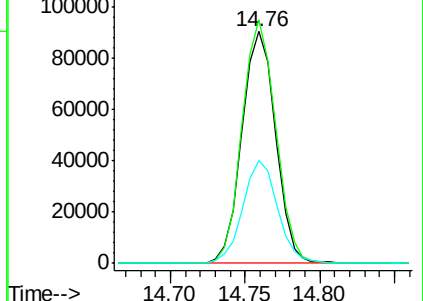
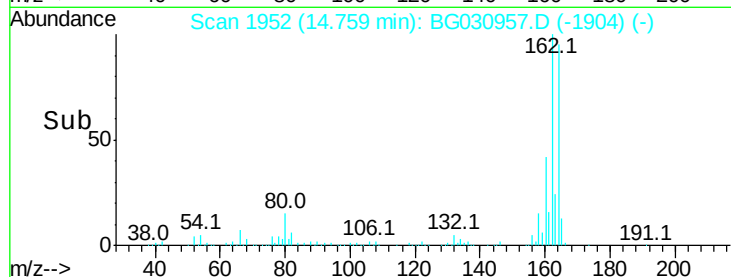
160 44.2 35.4 53.0



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: 135.794 ng

RT: 16.25 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG030957.D

Acq: 12 Nov 2017 00:00

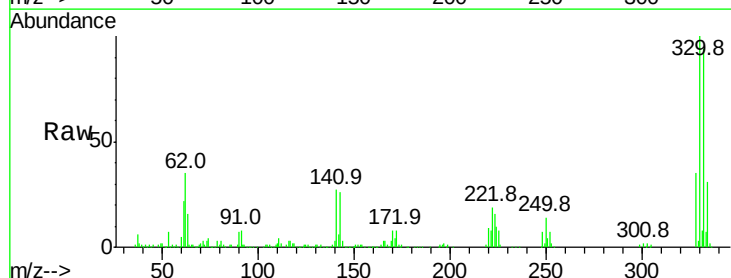
Tgt Ion:330 Resp: 310302

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

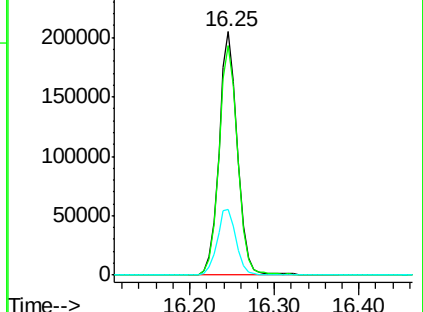
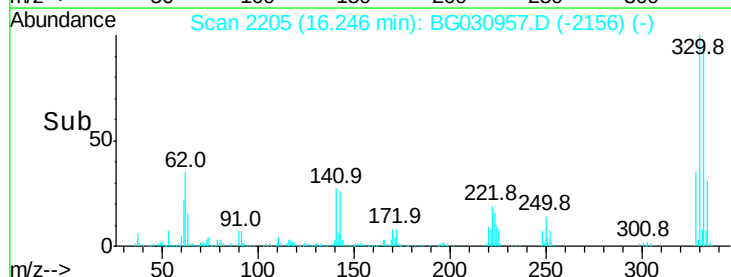
141 28.7 25.2 37.8

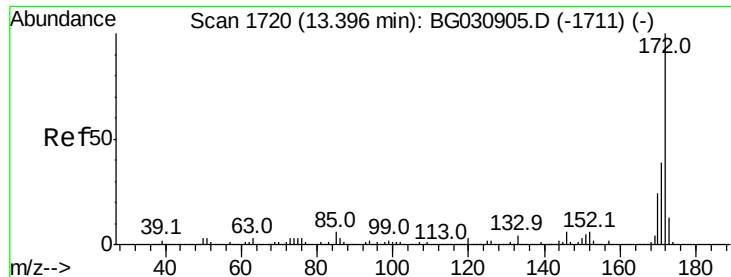


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

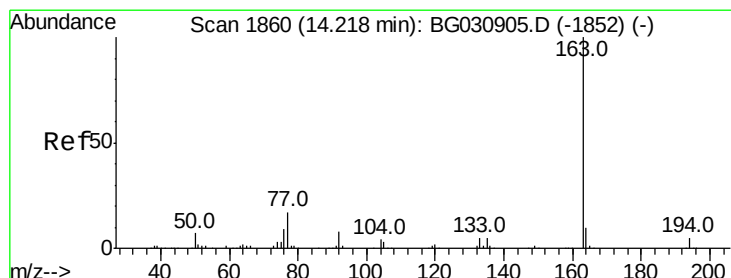
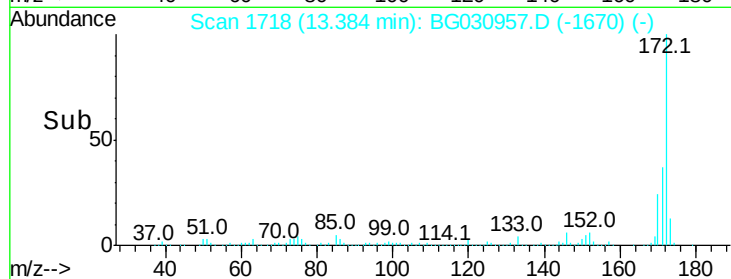
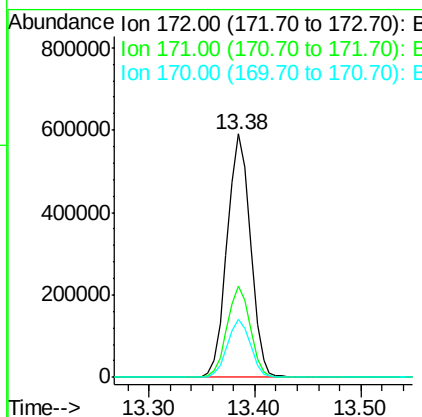
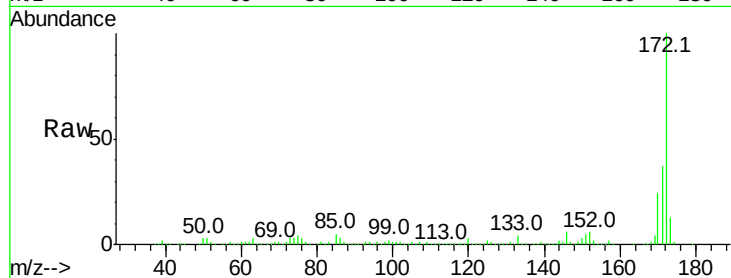




#44
2-Fluorobiphenyl
Concen: 91.968 ng
RT: 13.38 min Scan# 1718
Delta R.T. -0.02 min
Lab File: BG030957.D
Acq: 12 Nov 2017 00:00

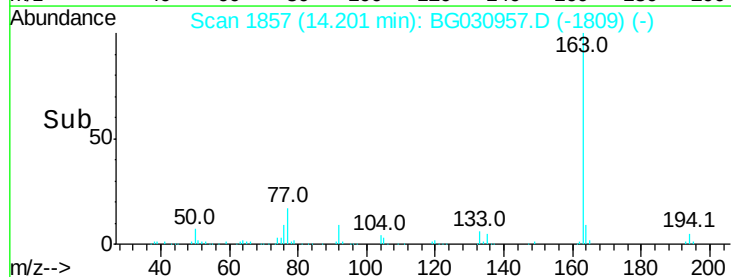
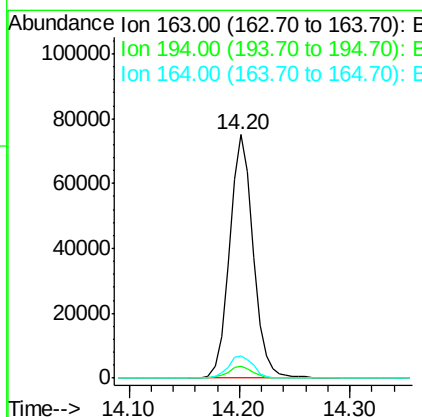
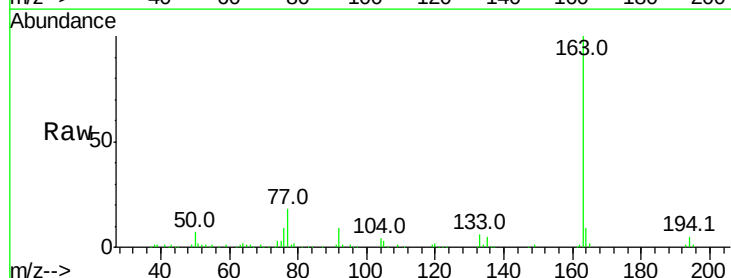
Instrument :
BNA_G
ClientSampleId :

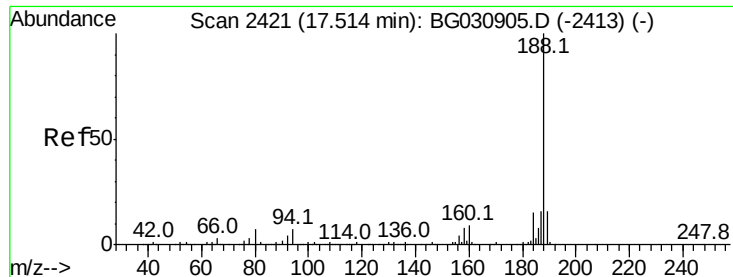
Tot Ion:172 Resp: 904123
Ion Ratio Lower Upper
172 100
171 37.5 30.0 45.0
170 23.8 19.5 29.3



#49
Dimethylphthalate
Concen: 9.238 ng
RT: 14.20 min Scan# 1857
Delta R.T. -0.02 min
Lab File: BG030957.D
Acq: 12 Nov 2017 00:00

Tgt Ion:163 Resp: 112828
Ion Ratio Lower Upper
163 100
194 4.9 3.4 5.2
164 9.2 8.2 12.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BG030957.D

Acq: 12 Nov 2017 00:00

Instrument :

BNA_G

ClientSampled :

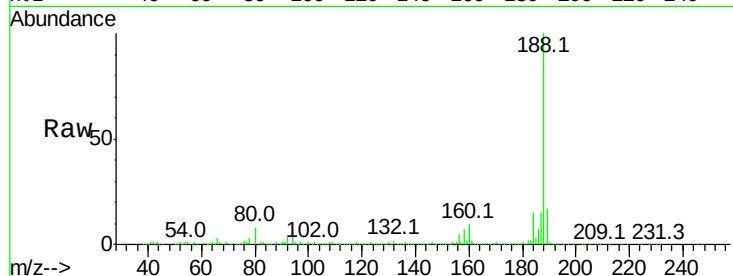
Tot Ion:188 Resp: 345874

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

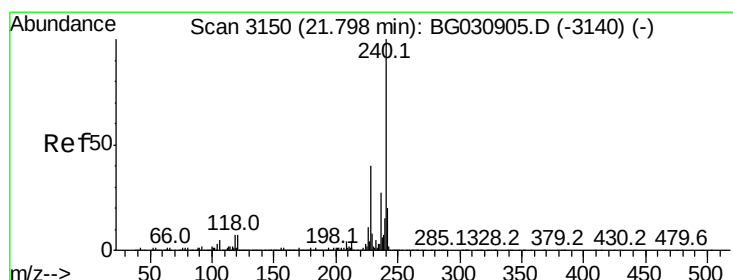
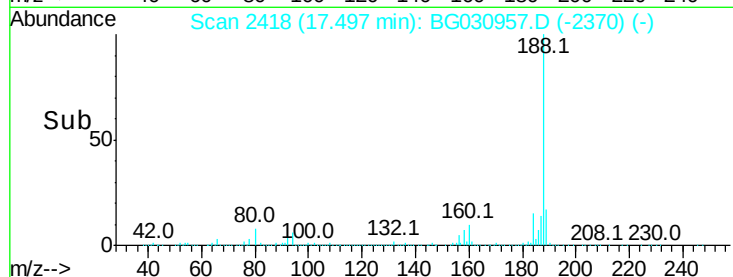
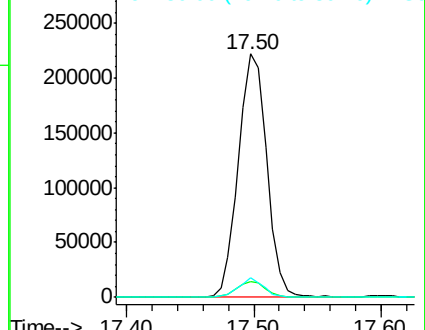
80 8.2 7.7 11.5



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: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG030957.D

Acq: 12 Nov 2017 00:00

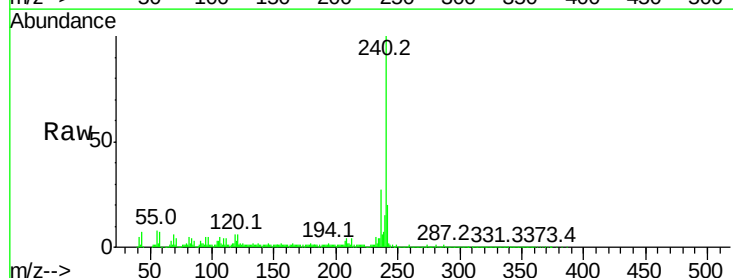
Tgt Ion:240 Resp: 399518

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

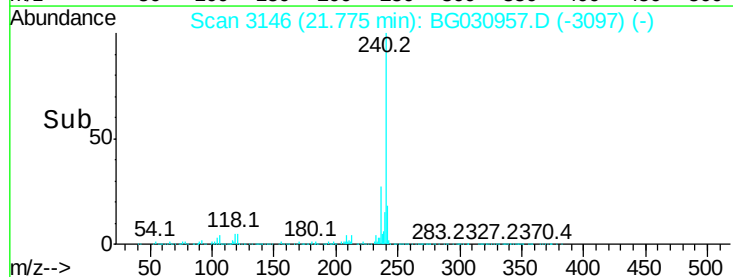
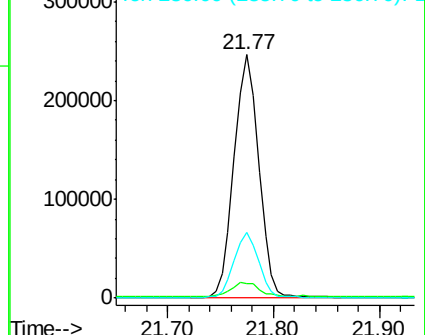
236 27.1 20.9 31.3

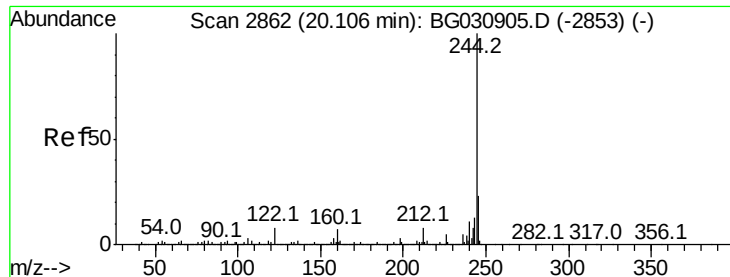


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.919 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG030957.D

Acq: 12 Nov 2017 00:00

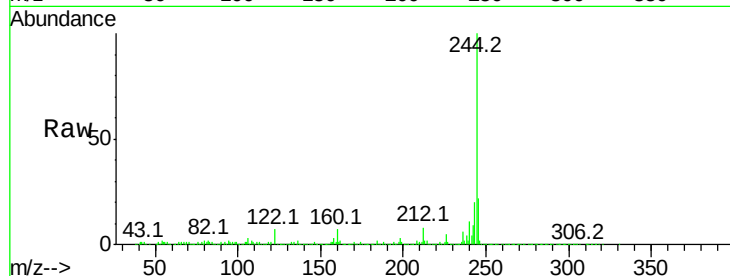
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1464106

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	7.1	7.0	10.4

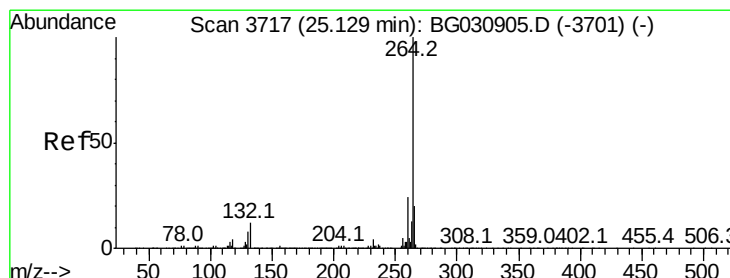
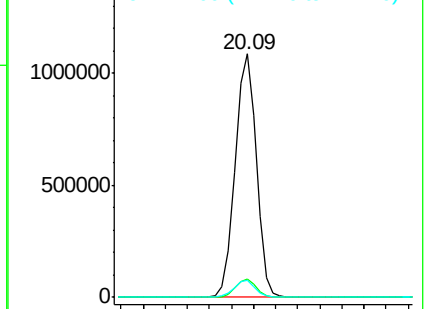
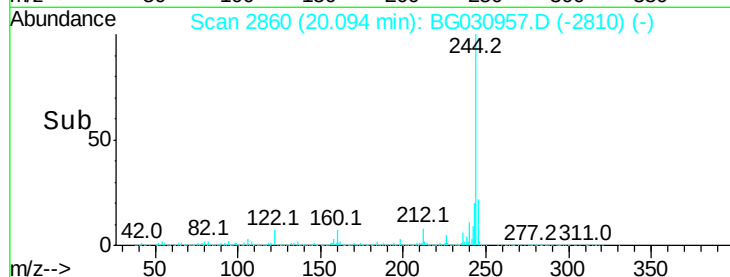


Abundance

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



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3709

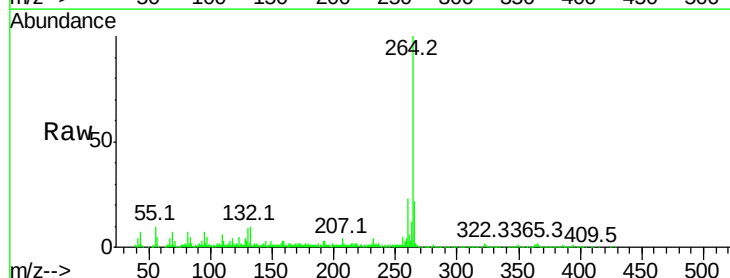
Delta R.T. -0.01 min

Lab File: BG030957.D

Acq: 12 Nov 2017 00:00

Tgt Ion:264 Resp: 410787

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	22.0	17.7	26.5



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

