

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111517\
 Data File : BG031013.D
 Acq On : 15 Nov 2017 13:41
 Operator : SJ/JU
 Sample : I6307-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 15 15:44:16 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

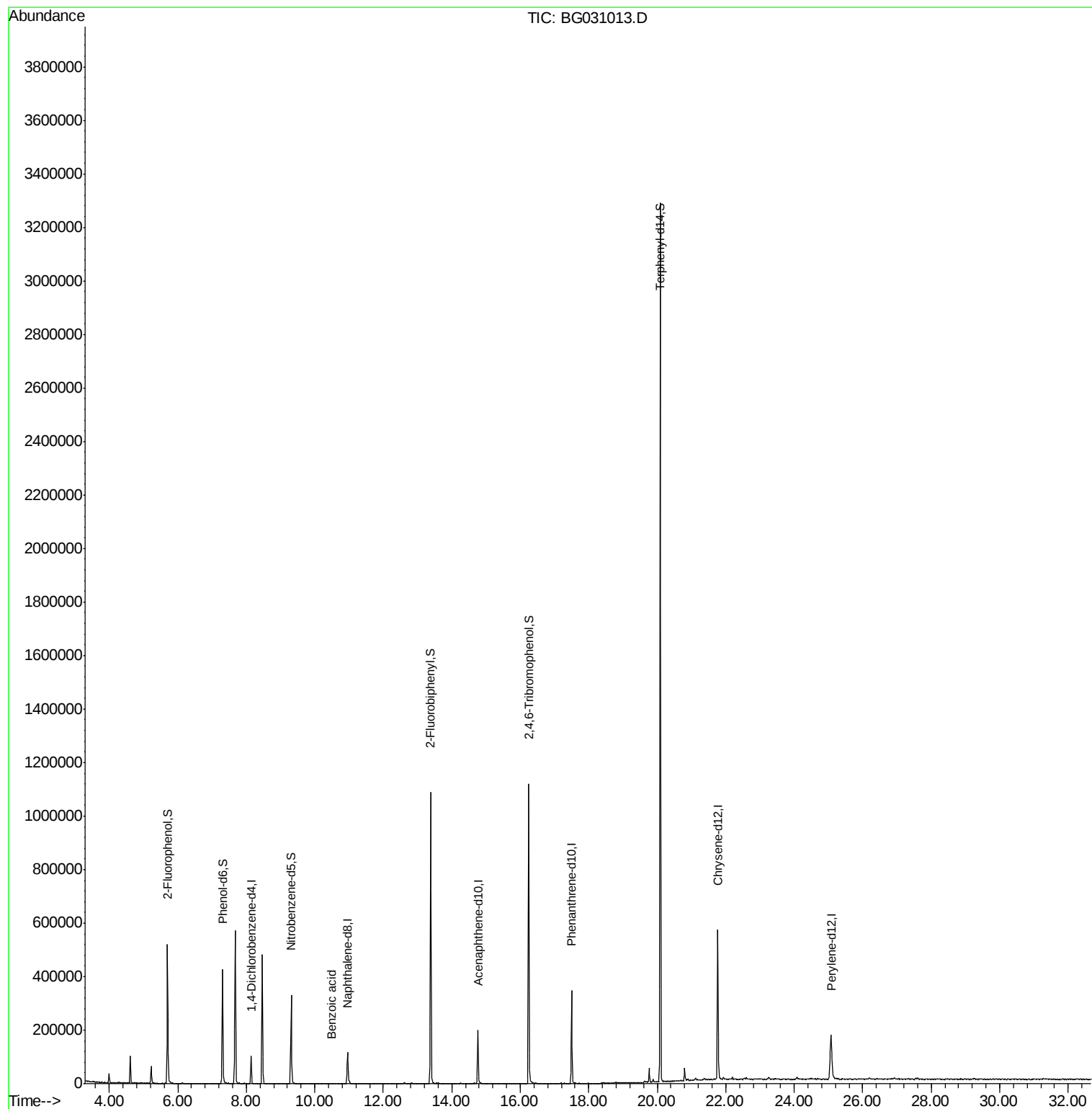
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	30671	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	119302	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	78737	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	248847	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	384994	20.00	ng	-0.02
86) Perylene-d12	25.07	264	160290	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	245275	137.13	ng	0.00
7) Phenol-d6	7.31	99	259953	107.88	ng	0.00
23) Nitrobenzene-d5	9.31	82	205487	102.06	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	269018	211.21	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	663492	121.08	ng	-0.02
78) Terphenyl-d14	20.09	244	1688699	96.85	ng	-0.01
Target Compounds						
32) Benzoic acid	10.49	122	91	5.722	ng	Qvalue # 1

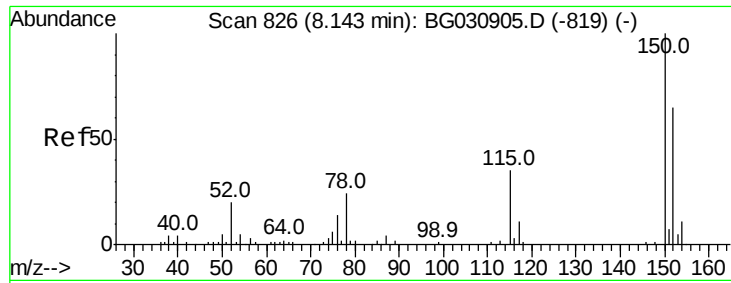
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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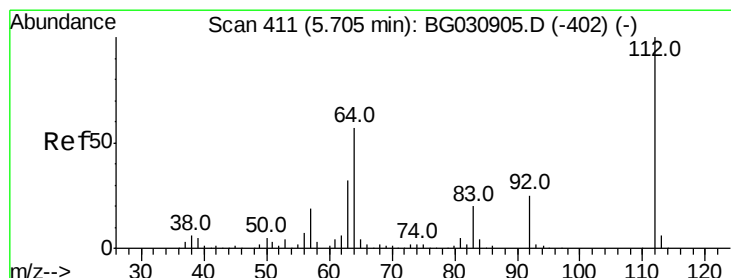
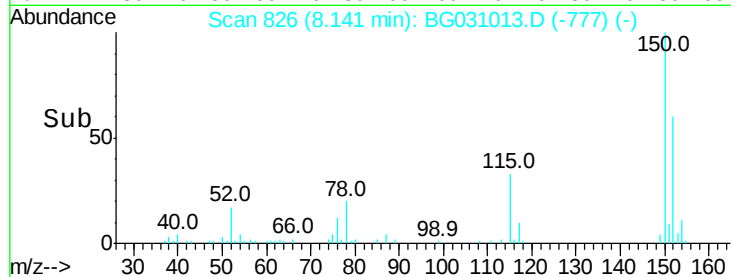
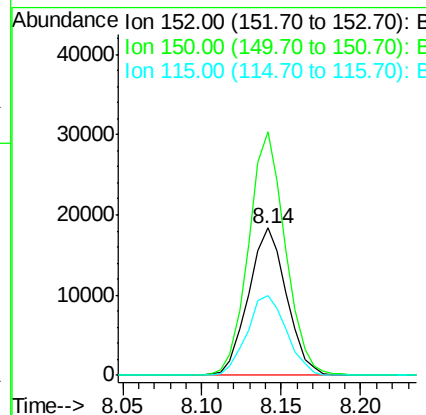
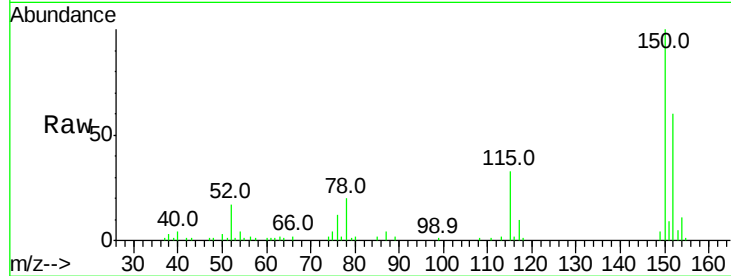


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG031013.D
Acq: 15 Nov 2017 13:41

Instrument :
BNA_G
ClientSampleId :

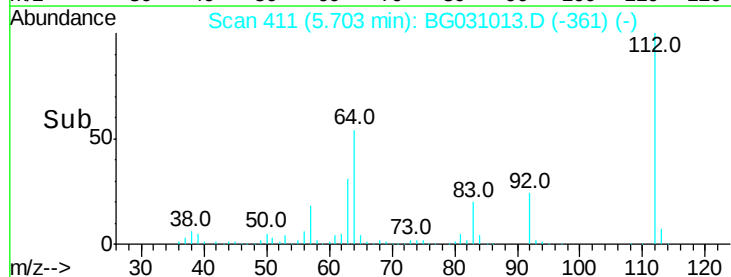
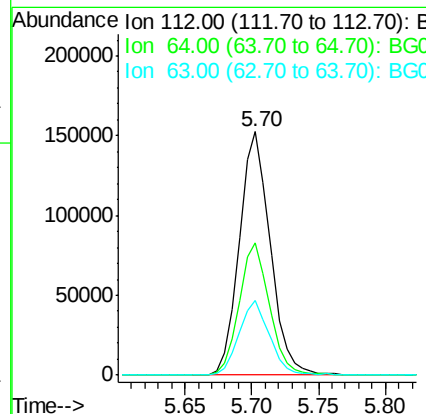
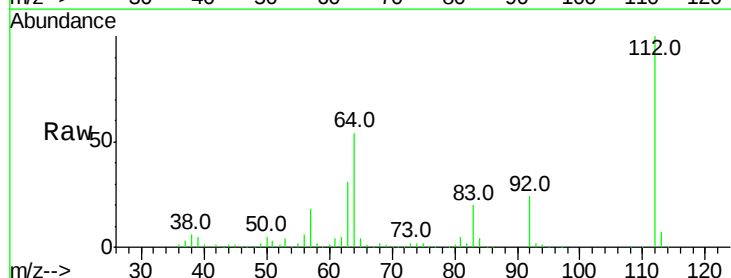
Tot Ion:152 Resp: 30671
Ion Ratio Lower Upper
152 100
150 165.4 126.6 189.8
115 54.3 53.0 79.4

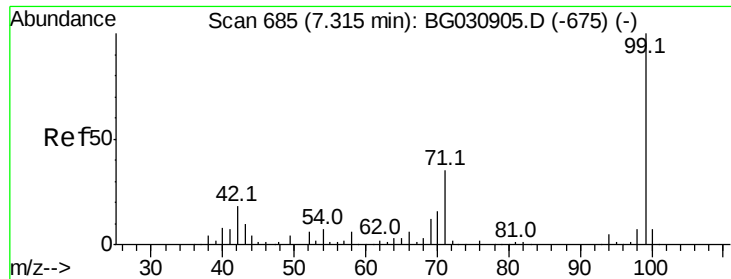


#5

2-Fluorophenol
Concen: 137.129 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.01 min
Lab File: BG031013.D
Acq: 15 Nov 2017 13:41

Tgt Ion:112 Resp: 245275
Ion Ratio Lower Upper
112 100
64 54.4 56.3 84.5#
63 30.5 30.1 45.1





#7

Phenol-d6

Concen: 107.878 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG031013.D

Acq: 15 Nov 2017 13:41

Instrument :

BNA_G

ClientSampleId :

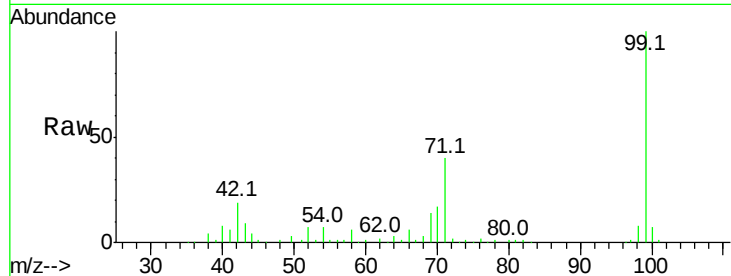
Tot Ion: 99 Resp: 259953

Ion Ratio Lower Upper

99 100

42 18.8 14.1 21.1

71 39.7 26.1 39.1#

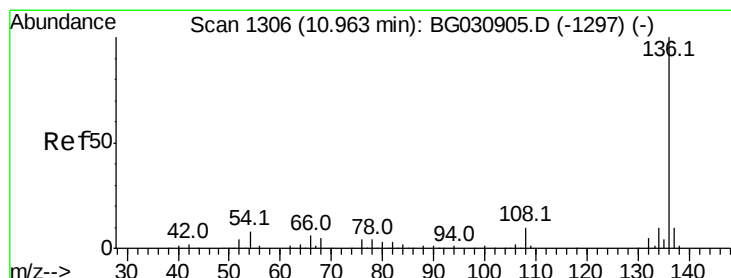
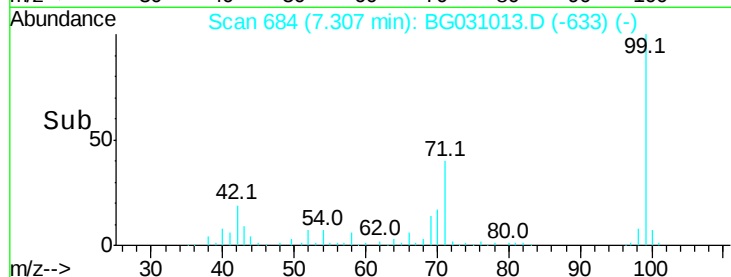
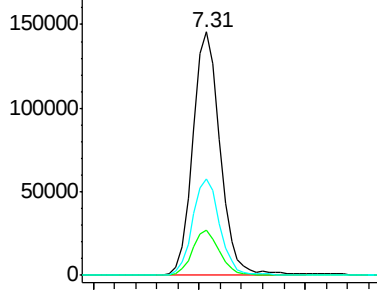


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG031013.D

Acq: 15 Nov 2017 13:41

Tgt Ion: 136 Resp: 119302

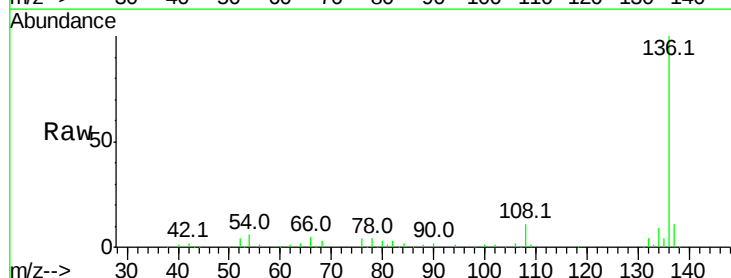
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 5.7 10.3 15.5#

68 3.5 4.5 6.7#



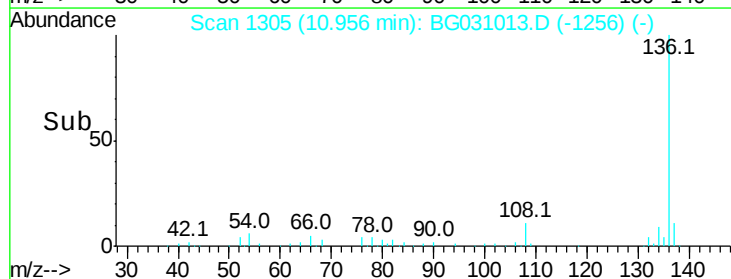
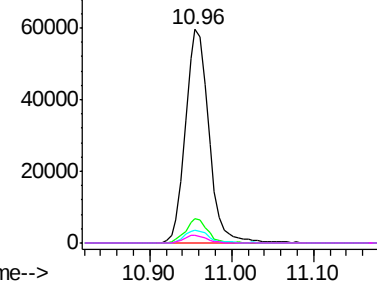
Abundance

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

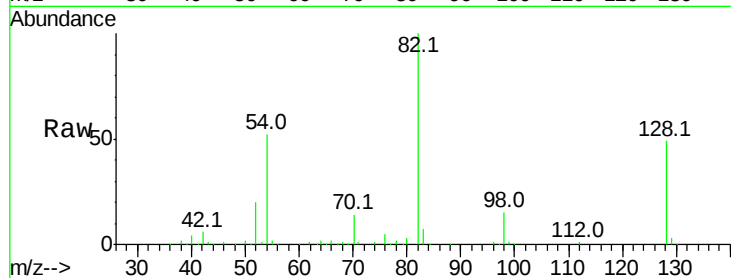




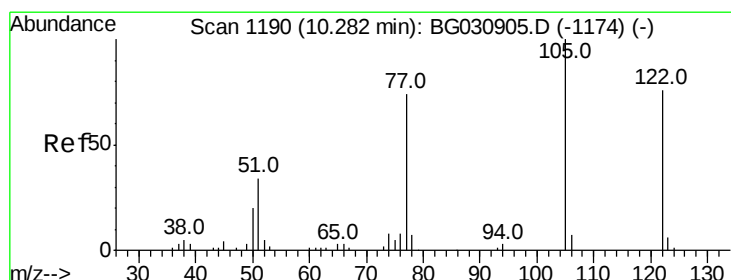
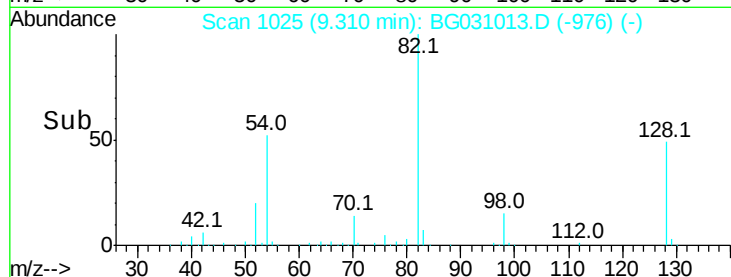
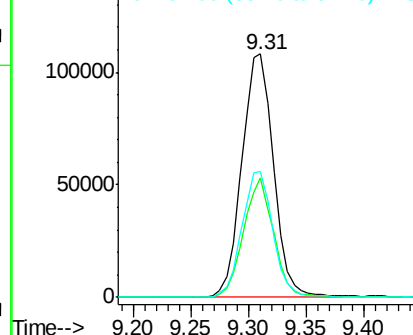
#23
 Nitrobenzene-d5
 Concen: 102.064 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG031013.D
 Acq: 15 Nov 2017 13:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.9	29.7	44.5#
54	51.6	43.1	64.7

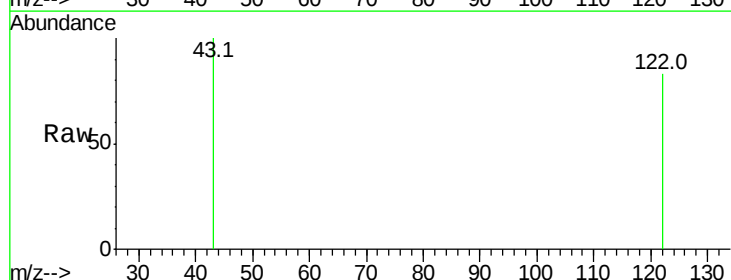


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

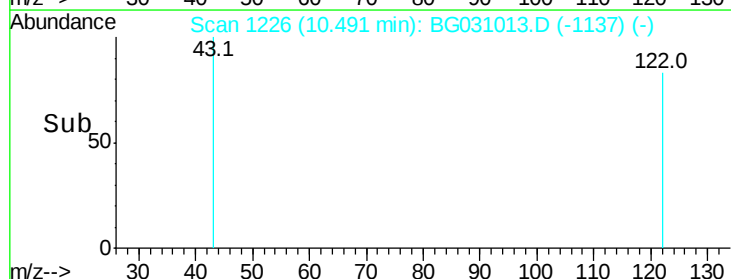
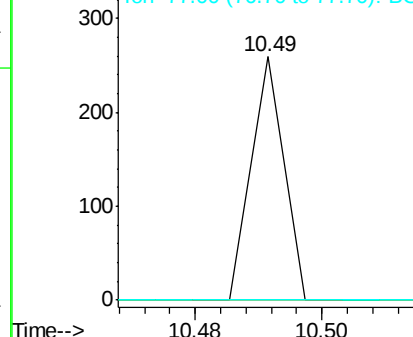


#32
 Benzoic acid
 Concen: 5.722 ng
 RT: 10.49 min Scan# 1226
 Delta R.T. 0.22 min
 Lab File: BG031013.D
 Acq: 15 Nov 2017 13:41

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#



Abundance Ion 122.00 (121.70 to 122.70): BGC
 Ion 105.00 (104.70 to 105.70): BGC
 Ion 77.00 (76.70 to 77.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG031013.D

Acq: 15 Nov 2017 13:41

Instrument :

BNA_G

ClientSampleId :

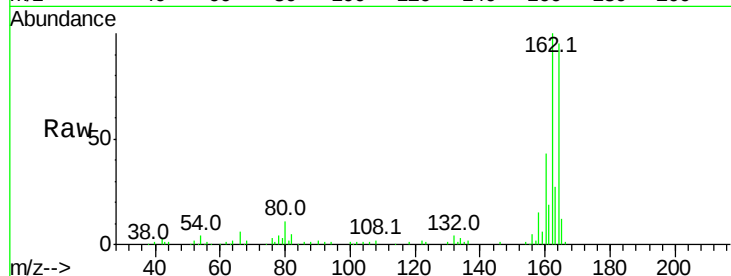
Tot Ion:164 Resp: 78737

Ion Ratio Lower Upper

164 100

162 105.6 78.8 118.2

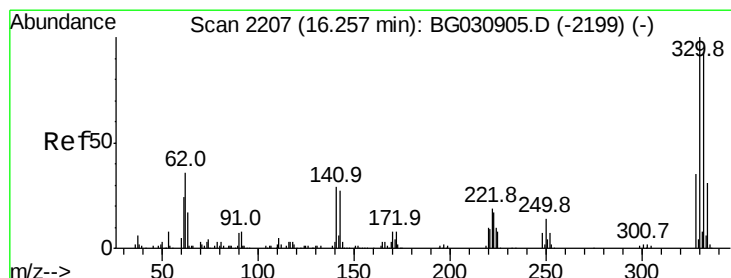
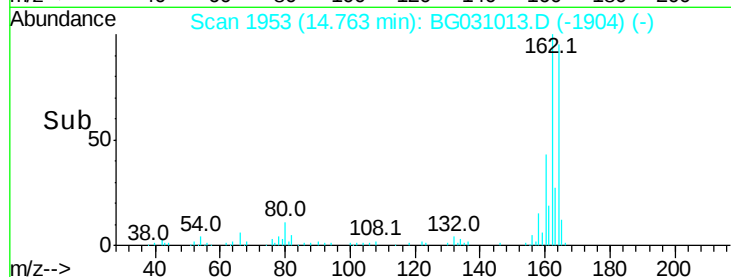
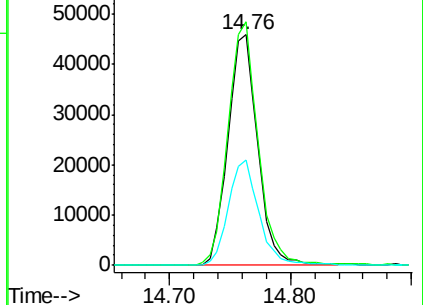
160 45.5 35.4 53.0



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: 211.208 ng

RT: 16.24 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG031013.D

Acq: 15 Nov 2017 13:41

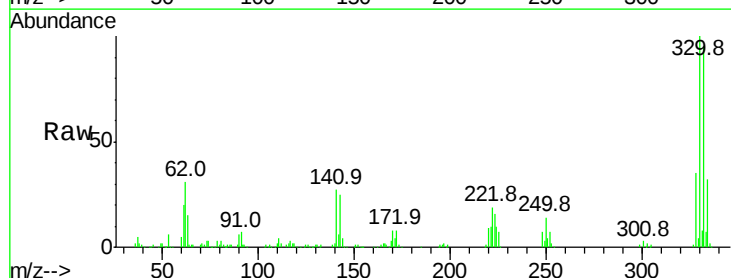
Tgt Ion:330 Resp: 269018

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

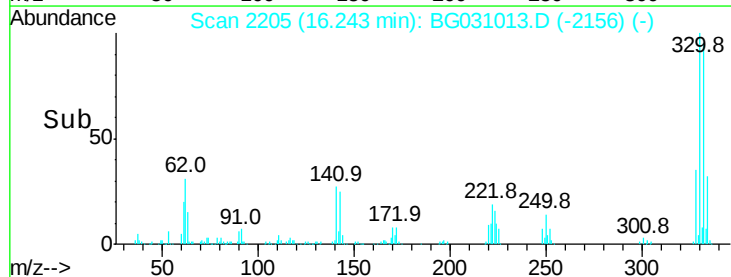
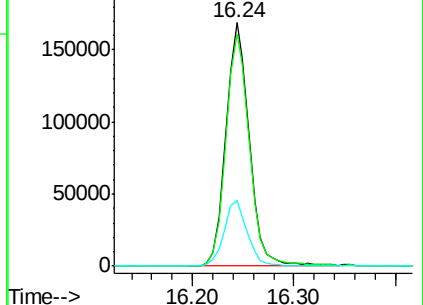
141 26.9 25.2 37.8

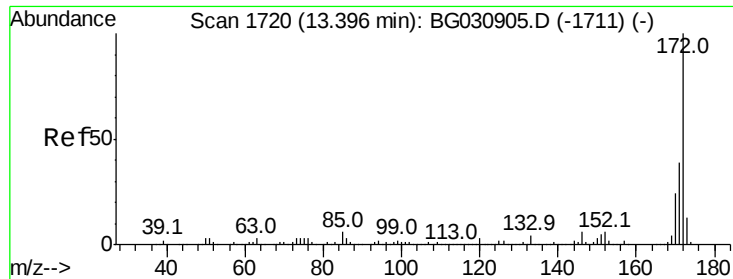


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

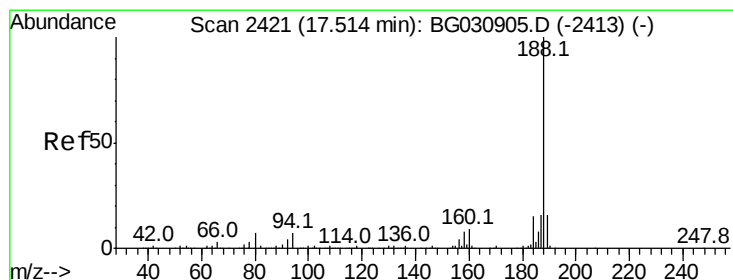
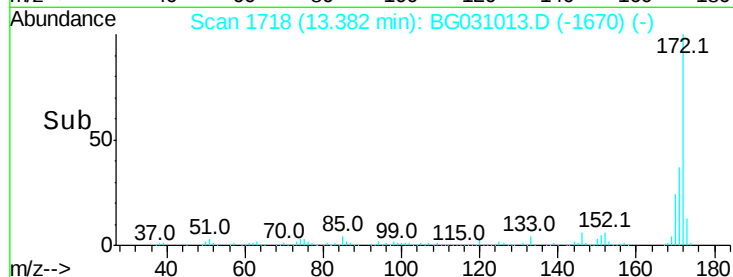
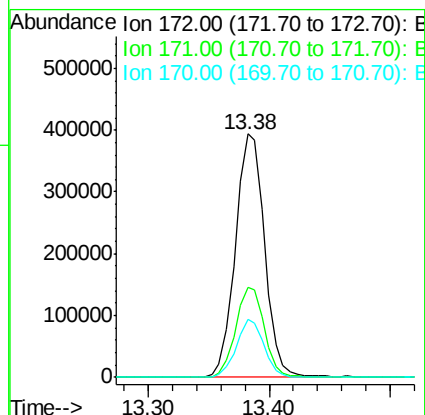
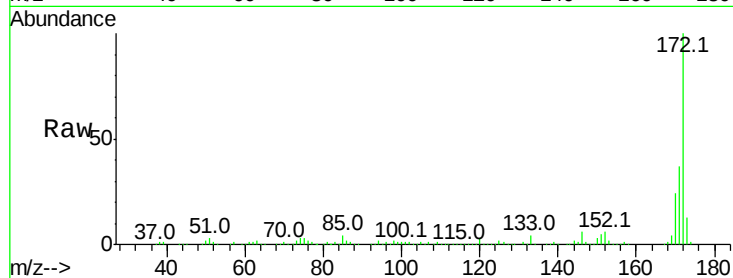




#44
 2-Fluorobiphenyl
 Concen: 121.082 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031013.D
 Acq: 15 Nov 2017 13:41

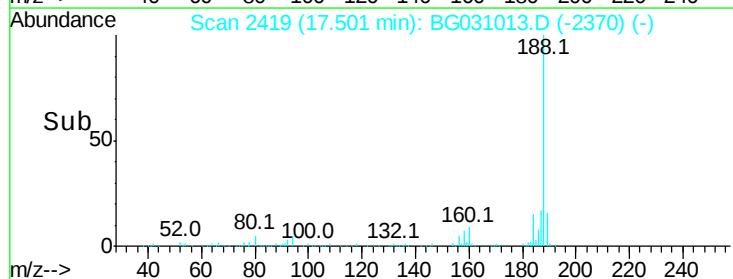
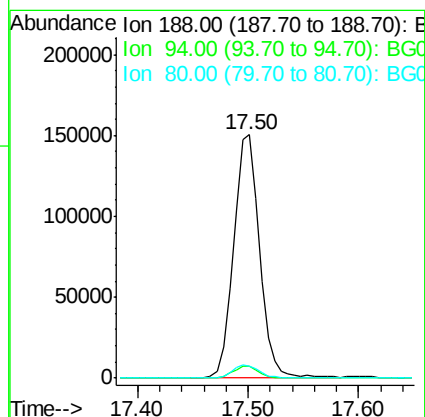
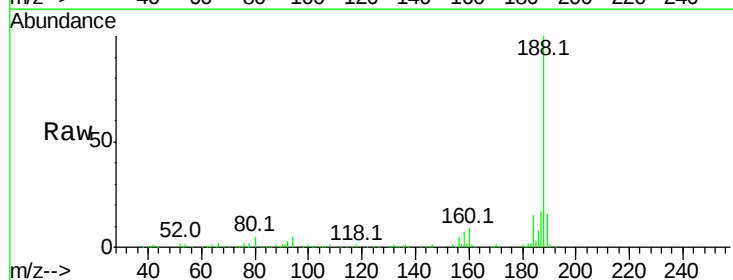
Instrument :
 BNA_G
 ClientSampled :

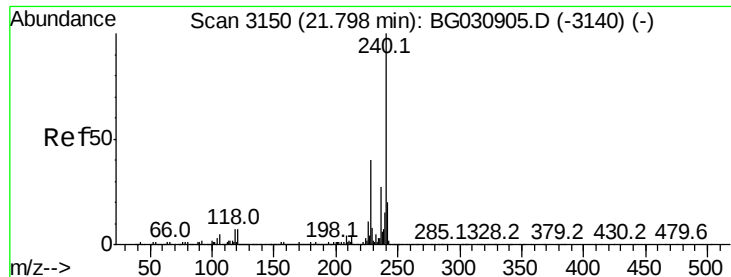
Tot Ion:172 Resp: 663492
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.0 45.0
 170 23.6 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BG031013.D
 Acq: 15 Nov 2017 13:41

Tgt Ion:188 Resp: 248847
 Ion Ratio Lower Upper
 188 100
 94 4.8 6.9 10.3#
 80 4.7 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031013.D

Acq: 15 Nov 2017 13:41

Instrument :

BNA_G

ClientSampleId :

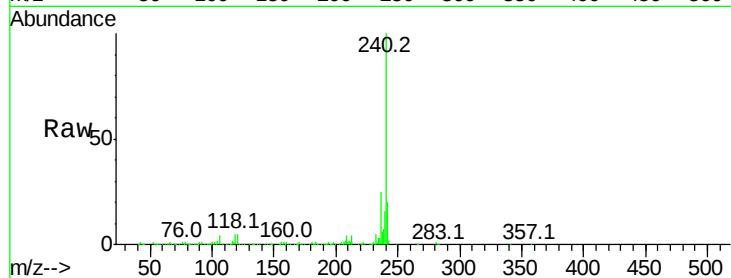
Tot Ion:240 Resp: 384994

Ion Ratio Lower Upper

240 100

120 4.9 6.8 10.2#

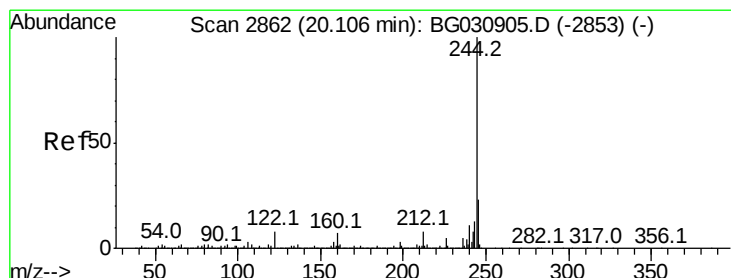
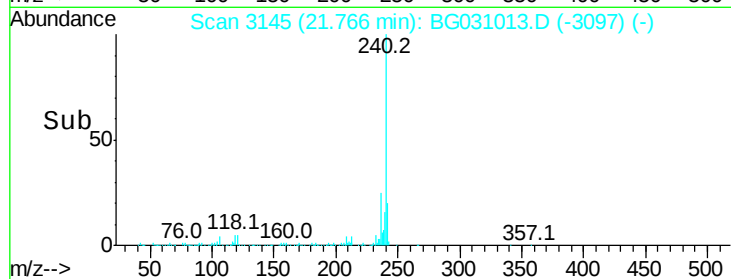
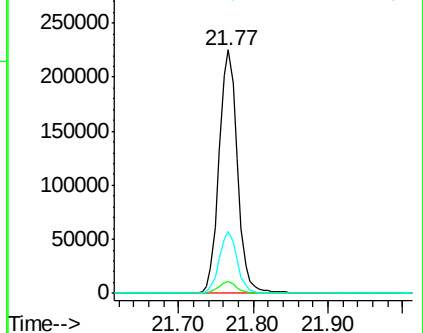
236 25.5 20.9 31.3



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: 96.853 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031013.D

Acq: 15 Nov 2017 13:41

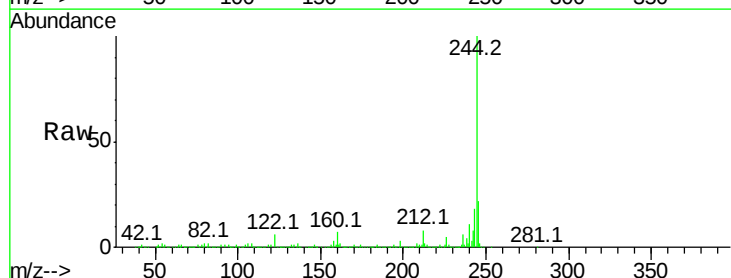
Tgt Ion:244 Resp: 1688699

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

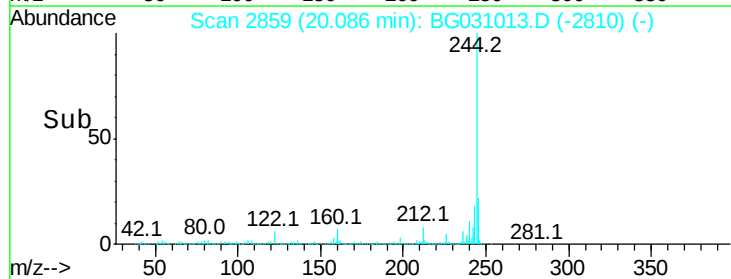
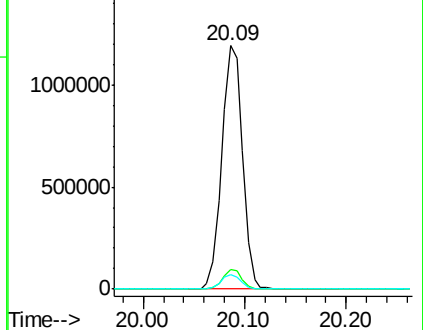
122 6.2 7.0 10.4#



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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.07 min Scan# 3707
 Delta R.T. -0.02 min
 Lab File: BG031013.D
 Acq: 15 Nov 2017 13:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	29.7	17.4	26.0#
265	22.3	17.7	26.5

