

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121517\
 Data File : BG031608.D
 Acq On : 16 Dec 2017 3:43
 Operator : SJ/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 16 05:15:08 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

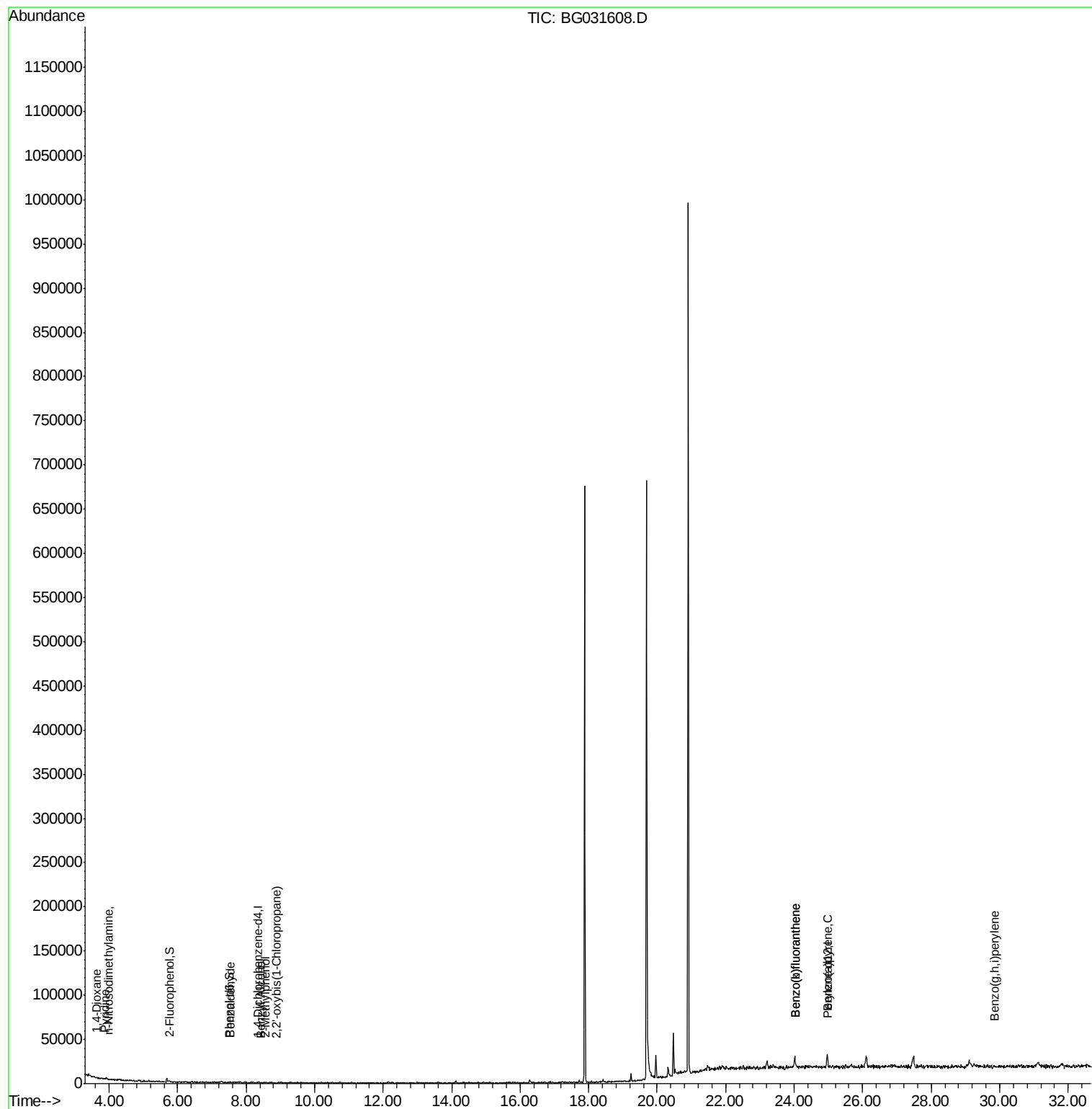
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	56	20.00	ng	0.23
21) Naphthalene-d8	0.00	136	0	0.00	ng	-10.92
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.73
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-17.48
75) Chrysene-d12	0.00	240	0	0.00	ng	-21.75
86) Perylene-d12	24.99	264	63	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	368	116.48	ng	0.09
7) Phenol-d6	7.51	99	77	17.56	ng	0.24
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	16.27	330	1146	0.00	ng	0.05
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	20.07	244	587	0.00	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.63	88	74	49.090	ng	# 11
3) Pyridine	3.88	79	54	13.606	ng	# 1
4) n-Nitrosodimethylamine	3.99	42	81	43.328	ng	# 1
9) Benzaldehyde	7.54	77	61	23.995	ng	# 5
15) Benzyl Alcohol	8.43	79	53	15.448	ng	# 18
16) 2,2'-oxybis(1-Chloropropan	8.87	45	113	27.352	ng	75
17) 2-Methylphenol	8.55	107	61	19.862	ng	# 13
87) Benzo(b)fluoranthene	24.04	252	54	14.337	ng	# 59
88) Benzo(k)fluoranthene	24.04	252	54	14.049	ng	# 60
89) Benzo(a)pyrene	24.98	252	55	15.393	ng	# 59
91) Benzo(a,h,i)perylene	29.84	276	59	17.564	ng	# 56

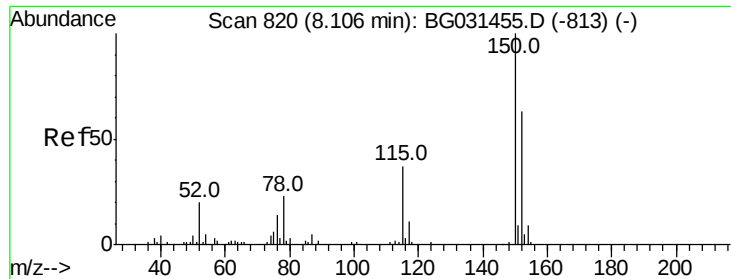
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.34 min Scan# 859

Delta R.T. 0.23 min

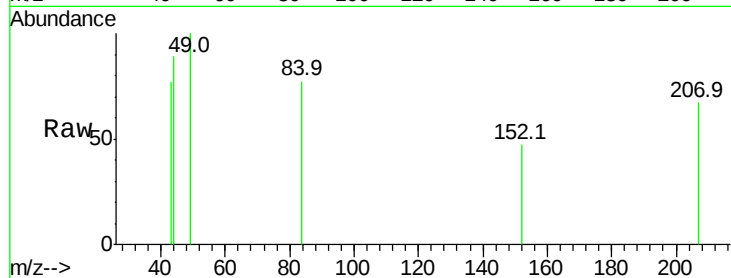
Lab File: BG031608.D

Acq: 16 Dec 2017 3:43

Instrument :

BNA_G

ClientSampleId :



Tot Ion:152 Resp: 56

Ion Ratio Lower Upper

152 100

150 0.0 126.6 189.8#

115 0.0 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

8.34

150

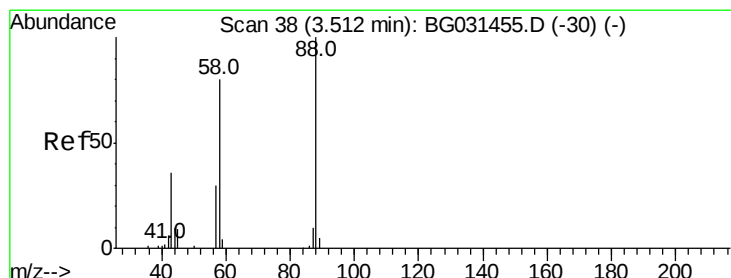
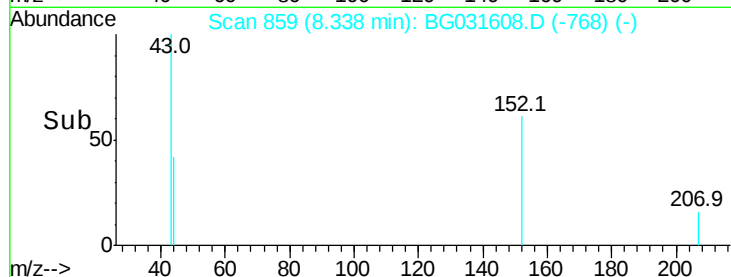
100

50

0

8.32 8.33 8.34 8.35

Time-->



#2

1,4-Dioxane

Concen: 49.090 ng

RT: 3.63 min Scan# 57

Delta R.T. 0.11 min

Lab File: BG031608.D

Acq: 16 Dec 2017 3:43

Tgt Ion: 88 Resp: 74

Ion Ratio Lower Upper

88 100

58 0.0 79.6 119.4#

43 0.0 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

300

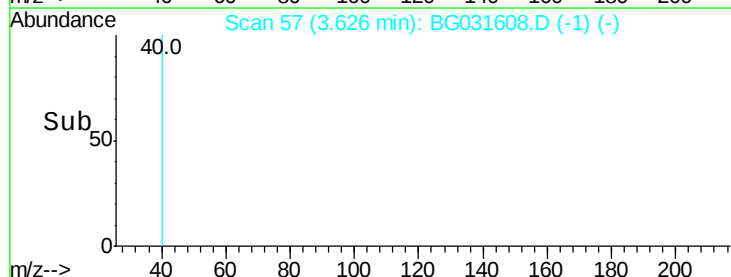
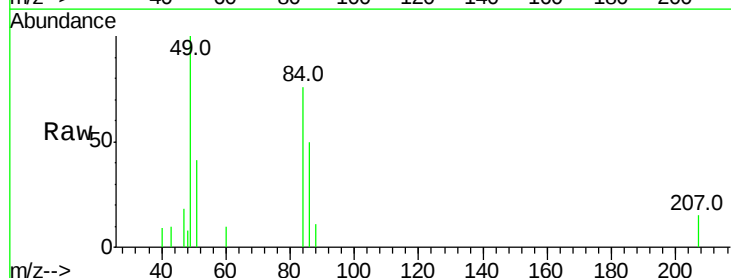
200

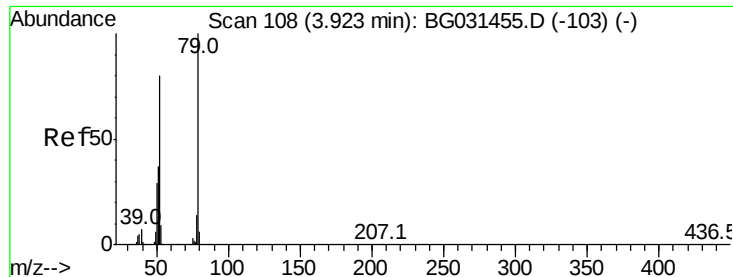
100

0

3.62 3.63 3.64

Time-->





#3

Pvridine

Concen: 13.606 ng

RT: 3.88 min Scan# 100

Delta R.T. -0.04 min

Lab File: BG031608.D

Acq: 16 Dec 2017 3:43

Instrument :

BNA_G

ClientSampleId :

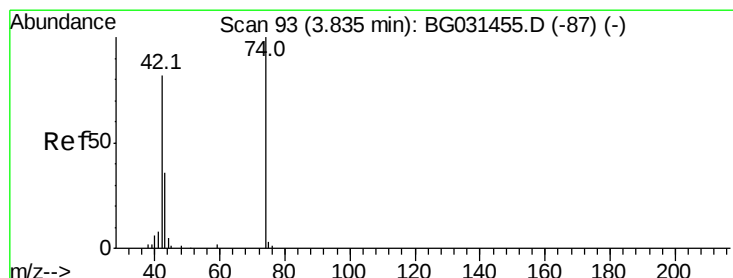
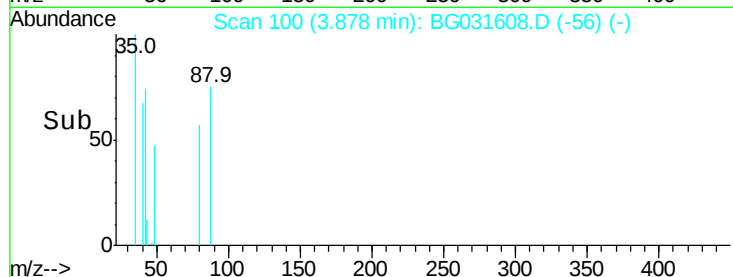
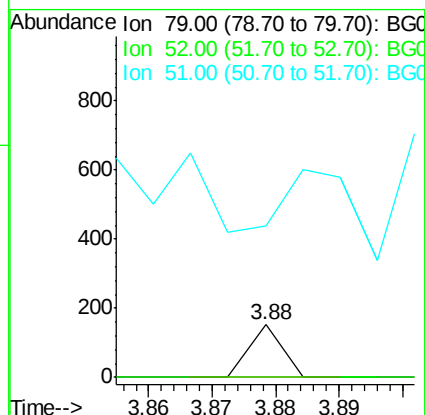
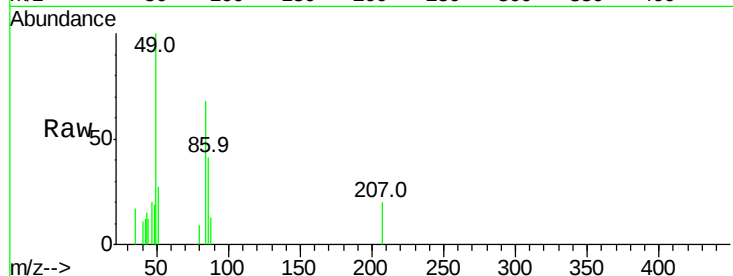
Tot Ion: 79 Resp: 54

Ion Ratio Lower Upper

79 100

52 0.0 69.9 104.9#

51 287.5 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 43.328 ng

RT: 3.99 min Scan# 119

Delta R.T. 0.16 min

Lab File: BG031608.D

Acq: 16 Dec 2017 3:43

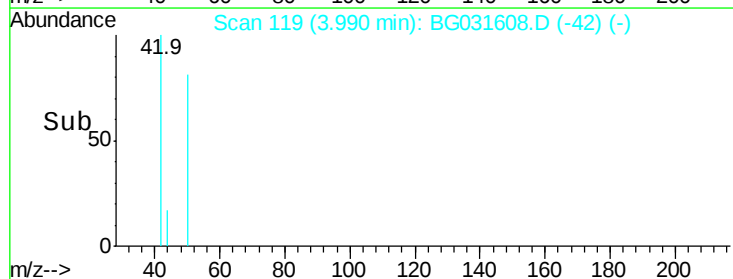
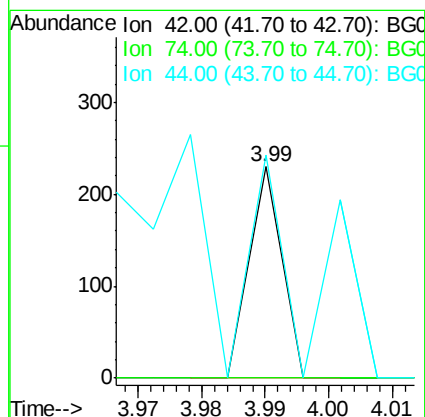
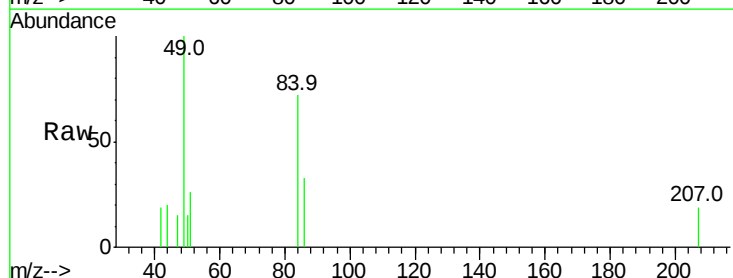
Tgt Ion: 42 Resp: 81

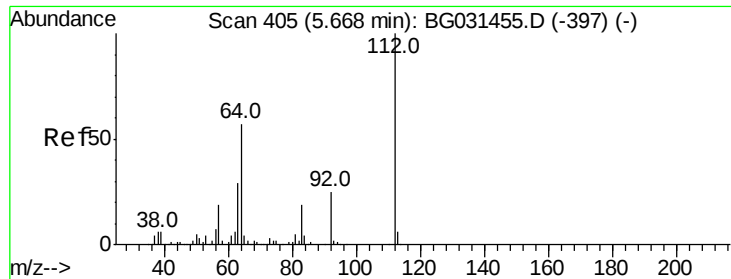
Ion Ratio Lower Upper

42 100

74 0.0 102.5 153.7#

44 105.7 18.9 28.3#





#5

2-Fluorophenol

Concen: 116.480 ng

RT: 5.75 min Scan# 419

Delta R.T. 0.09 min

Lab File: BG031608.D

Acq: 16 Dec 2017 3:43

Instrument :

BNA_G

ClientSampleId :

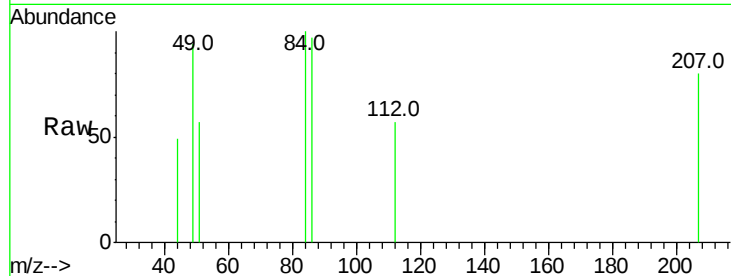
Tot Ion:112 Resp: 368

Ion Ratio Lower Upper

112 100

64 0.0 56.3 84.5#

63 0.0 30.1 45.1#

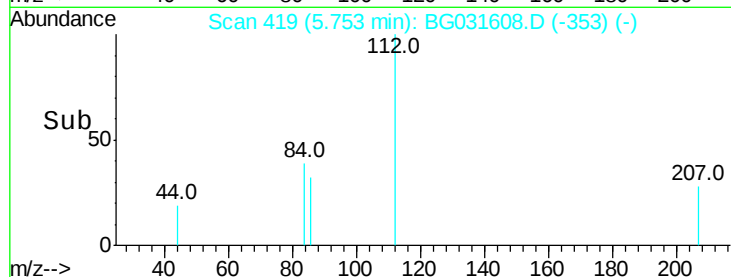


Abundance Ion 112.00 (111.70 to 112.70): BGC

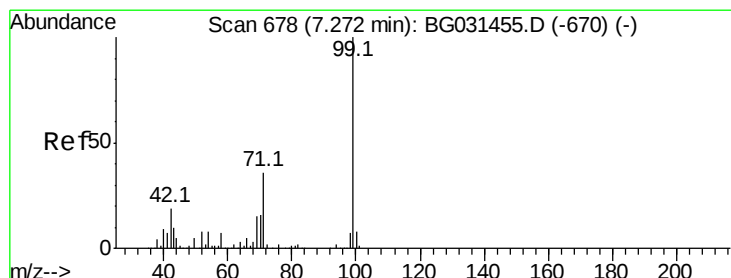
Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Time-->



Time-->



#7

Phenol-d6

Concen: 17.556 ng

RT: 7.51 min Scan# 718

Delta R.T. 0.24 min

Lab File: BG031608.D

Acq: 16 Dec 2017 3:43

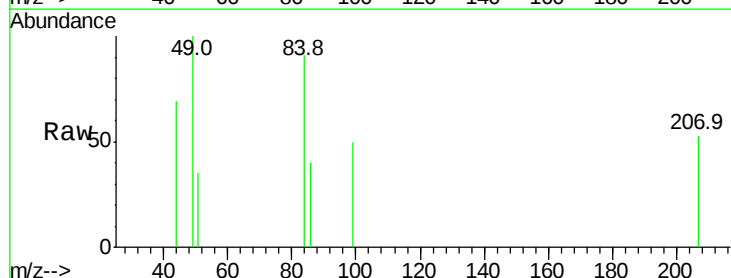
Tgt Ion: 99 Resp: 77

Ion Ratio Lower Upper

99 100

42 0.0 14.1 21.1#

71 0.0 26.1 39.1#

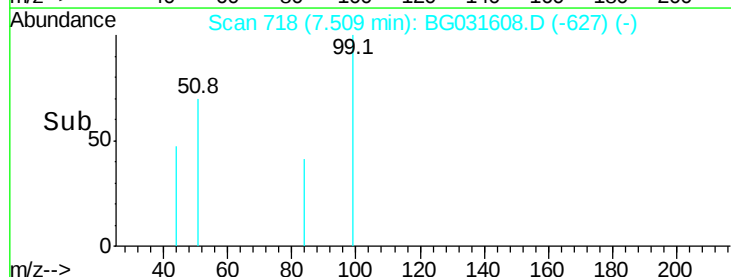


Abundance Ion 99.00 (98.70 to 99.70): BGC

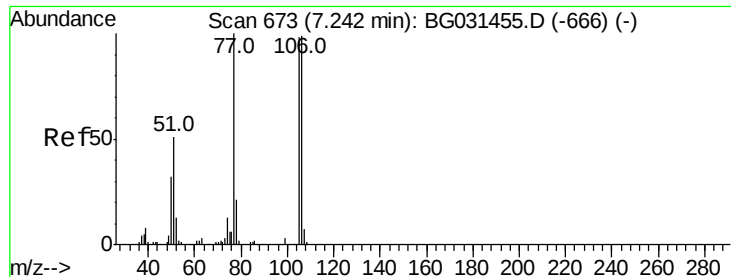
Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

Time-->



Time-->



#9

Benzaldehyde

Concen: 23.995 ng

RT: 7.54 min Scan# 723

Delta R.T. 0.30 min

Lab File: BG031608.D

Acq: 16 Dec 2017 3:43

Instrument :

BNA_G

ClientSampleId :

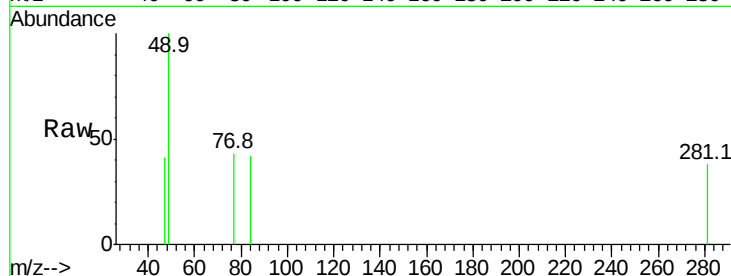
Tot Ion: 77 Resp: 61

Ion Ratio Lower Upper

77 100

105 0.0 71.3 111.3#

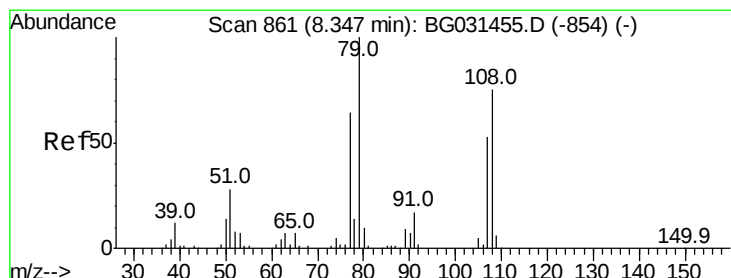
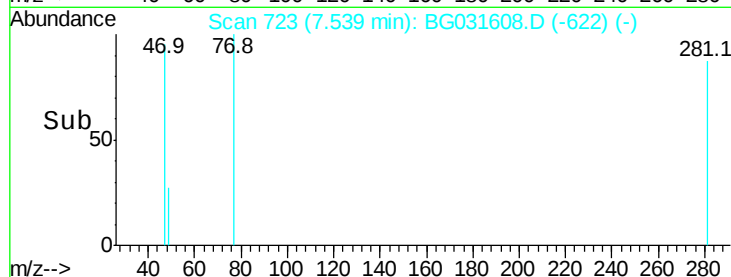
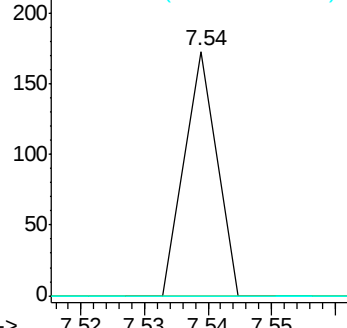
106 0.0 64.2 104.2#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#15

Benzyl Alcohol

Concen: 15.448 ng

RT: 8.43 min Scan# 874

Delta R.T. 0.08 min

Lab File: BG031608.D

Acq: 16 Dec 2017 3:43

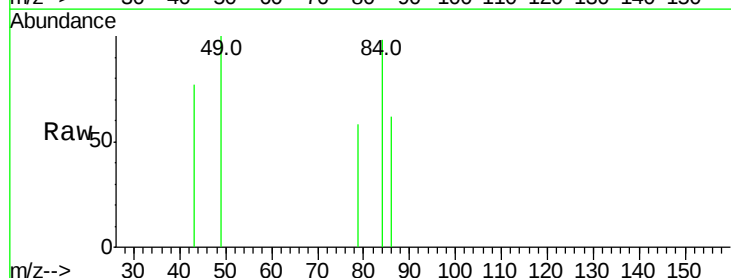
Tgt Ion: 79 Resp: 53

Ion Ratio Lower Upper

79 100

108 0.0 57.2 85.8#

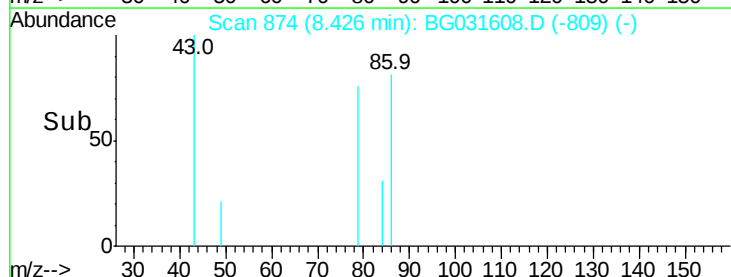
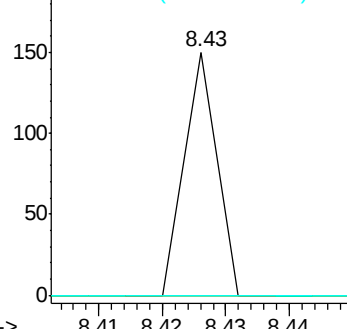
77 0.0 46.1 69.1#

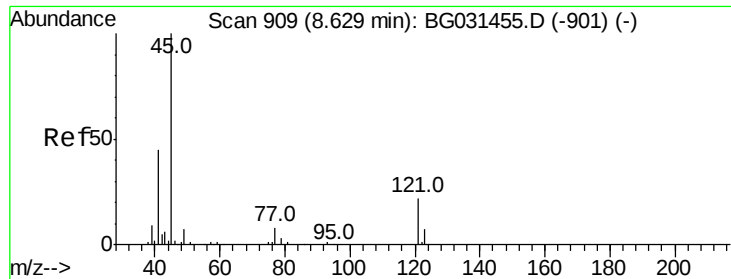


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

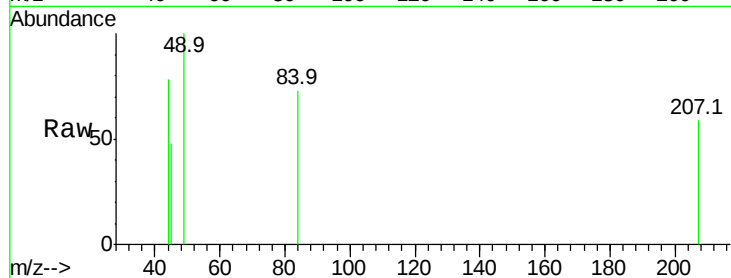




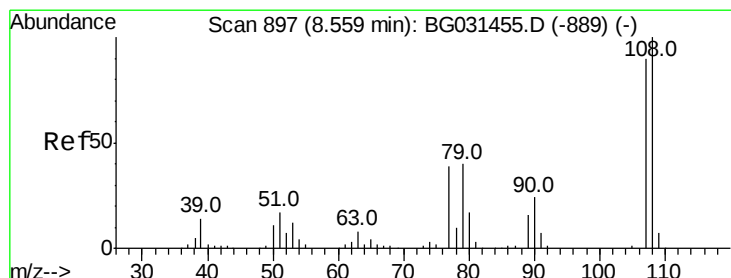
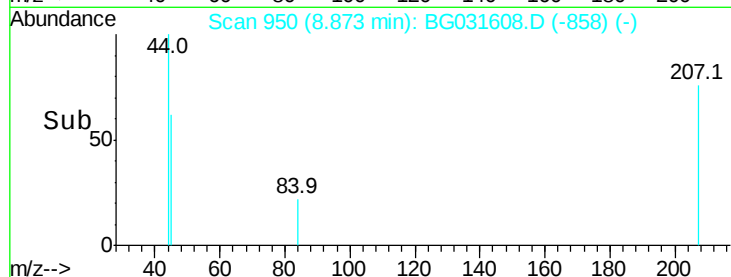
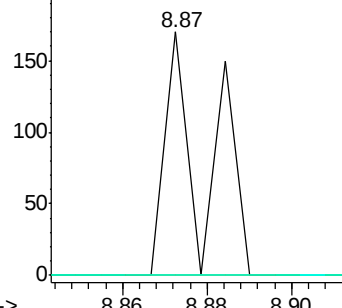
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 27.352 ng
RT: 8.87 min Scan# 950
Delta R.T. 0.24 min
Lab File: BG031608.D
Acq: 16 Dec 2017 3:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 45 Resp: 113
Ion Ratio Lower Upper
45 100
77 0.0 0.0 30.2
79 0.0 0.0 27.9

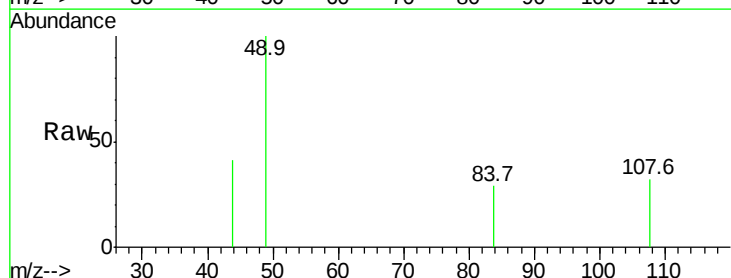


Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

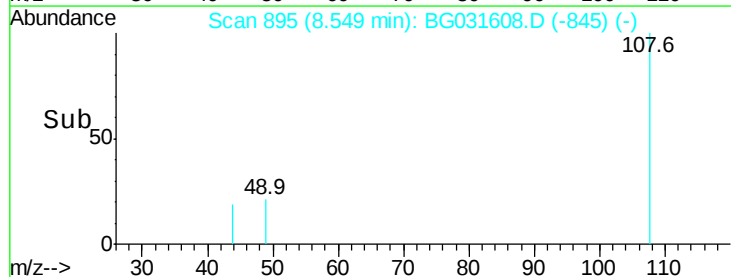
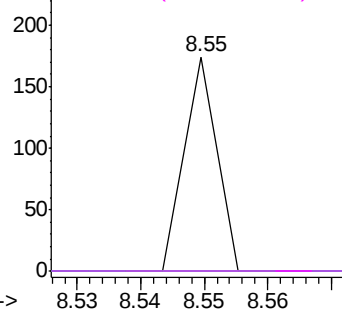


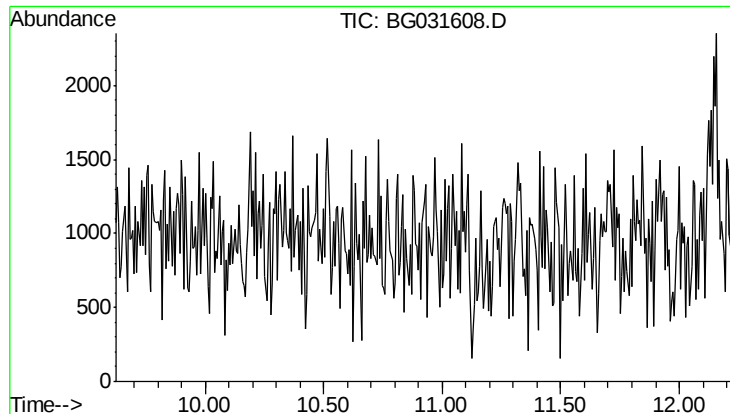
#17
2-Methylphenol
Concen: 19.862 ng
RT: 8.55 min Scan# 895
Delta R.T. -0.01 min
Lab File: BG031608.D
Acq: 16 Dec 2017 3:43

Tgt Ion:107 Resp: 61
Ion Ratio Lower Upper
107 100
108 0.0 83.9 125.9#
77 0.0 37.2 55.8#
79 0.0 36.2 54.2#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC



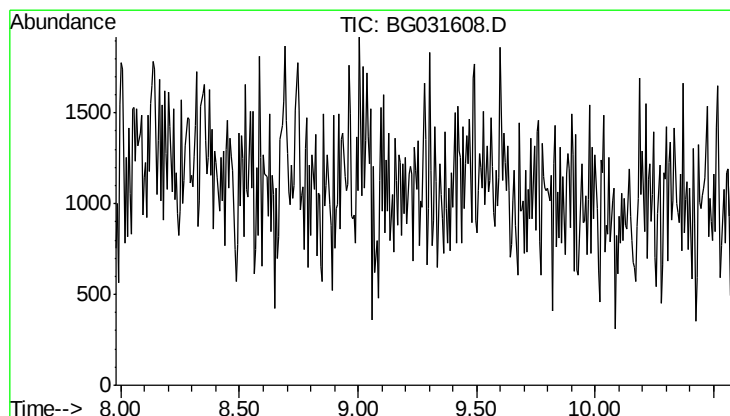
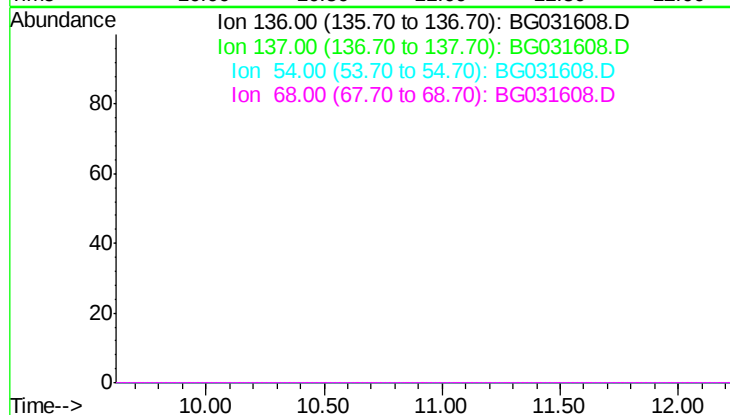


#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 10.92 min

Lab File: BG031608.D
Acq: 16 Dec 2017 3:43

Instrument :
BNA_G
ClientSampleId :

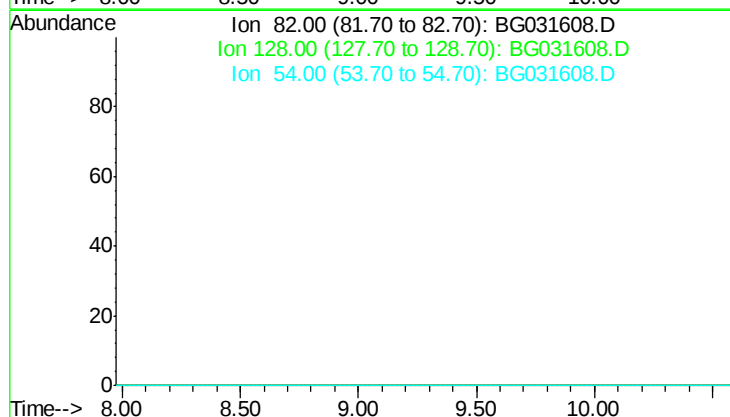
Tot Ion	136
Sig	Exp Ratio
136	100
137	11.5
54	12.9
68	5.6

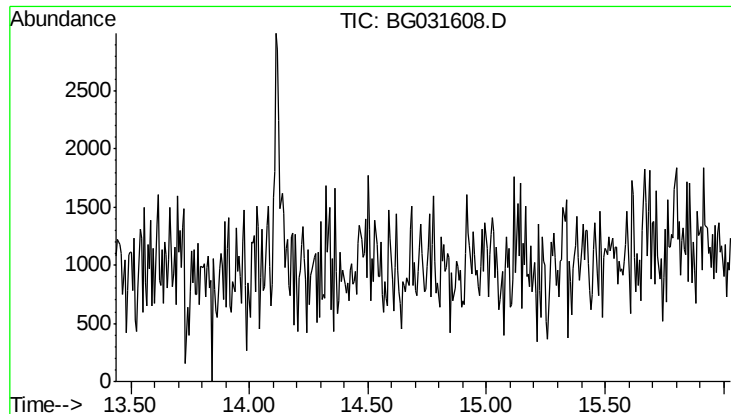


#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 9.28 min

Lab File: BG031608.D
Acq: 16 Dec 2017 3:43

Tgt Ion	82
Sig	Exp Ratio
82	100
128	37.1
54	53.9





#38

Acenaphthene-d10

Concen: 0.000 ng

Expected RT: 14.73 min

Lab File: BG031608.D

Acq: 16 Dec 2017 3:43

Instrument :

BNA_G

ClientSampleId :

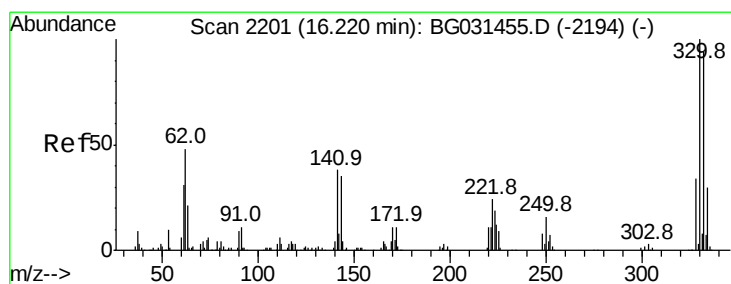
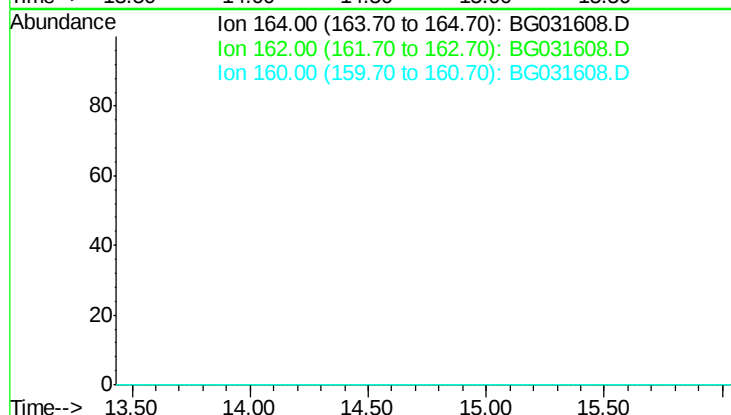
Tot Ion: 164

Sig Exp Ratio

164 100

162 98.5

160 44.2



#41

2,4,6-Tribromophenol

Concen: 0.000 ng

RT: 16.27 min Scan# 2209

Delta R.T. 0.05 min

Lab File: BG031608.D

Acq: 16 Dec 2017 3:43

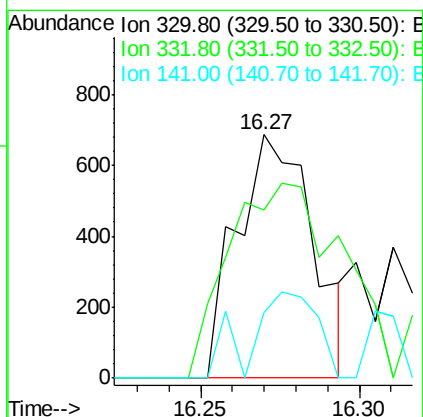
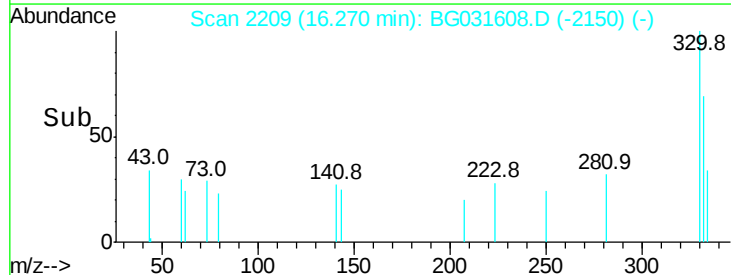
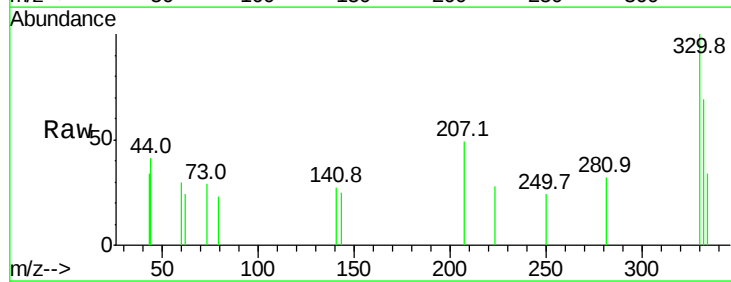
Tgt Ion: 330 Resp: 1146

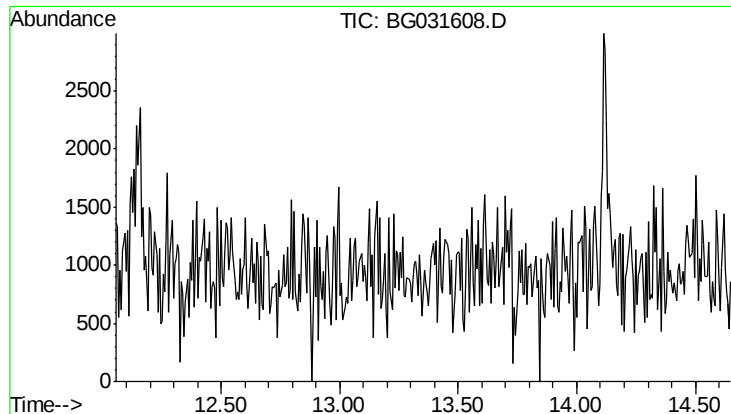
Ion Ratio Lower Upper

330 100

332 124.2 77.0 115.6#

141 31.2 25.2 37.8

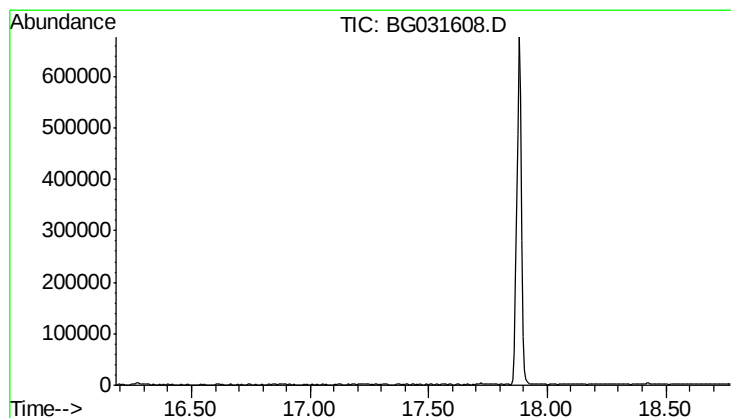
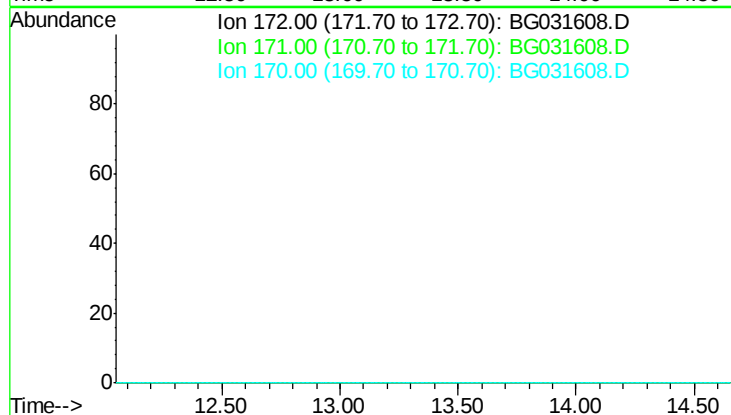




#44
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 13.35 min
 Lab File: BG031608.D
 Acq: 16 Dec 2017 3:43

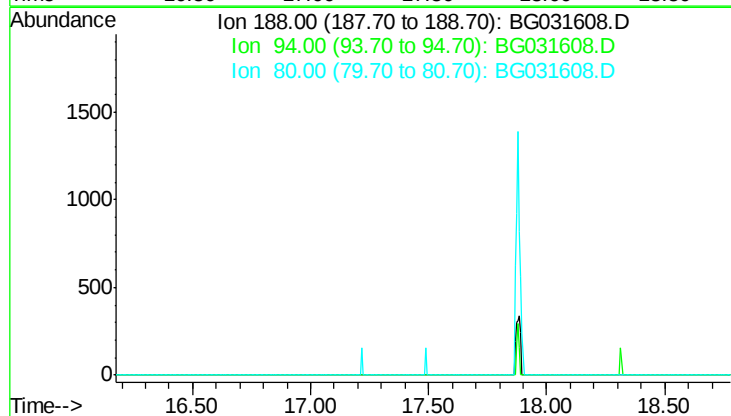
Instrument :
 BNA_G
 ClientSampleId :

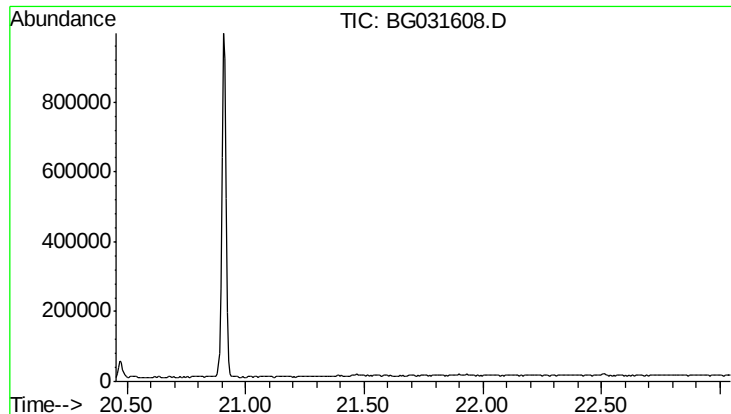
Tot Ion: 172
 Sig Exp Ratio
 172 100
 171 37.5
 170 24.4



#63
 Phenanthrene-d10
 Concen: 0.000 ng
 Expected RT: 17.48 min
 Lab File: BG031608.D
 Acq: 16 Dec 2017 3:43

Tgt Ion: 188
 Sig Exp Ratio
 188 100
 94 8.6
 80 9.6





#75

Chrysene-d12

Concen: 0.000 ng

Expected RT: 21.75 min

Lab File: BG031608.D

Acq: 16 Dec 2017 3:43

Tot Ion: 240

Sig Exp Ratio

240 100

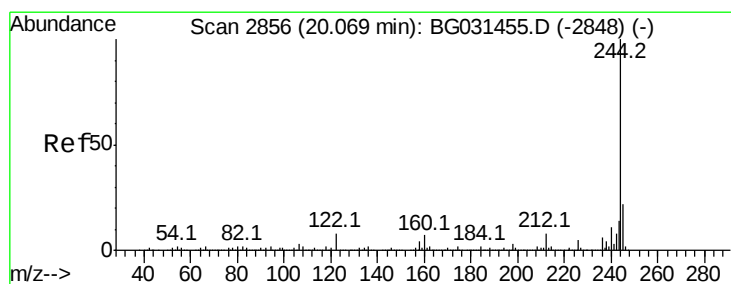
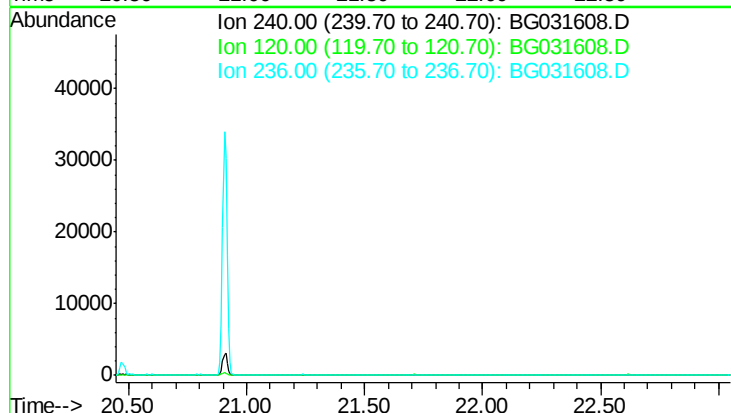
120 8.5

236 26.1

Instrument :

BNA_G

ClientSampleId :



#78

Terphenyl-d14

Concen: 0.000 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG031608.D

Acq: 16 Dec 2017 3:43

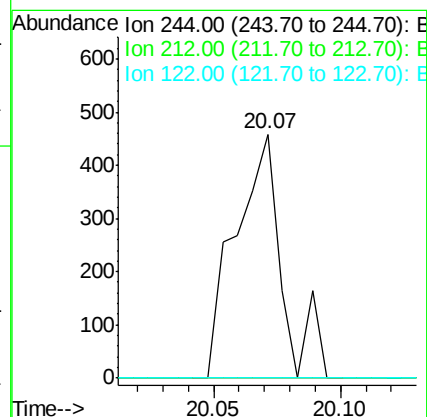
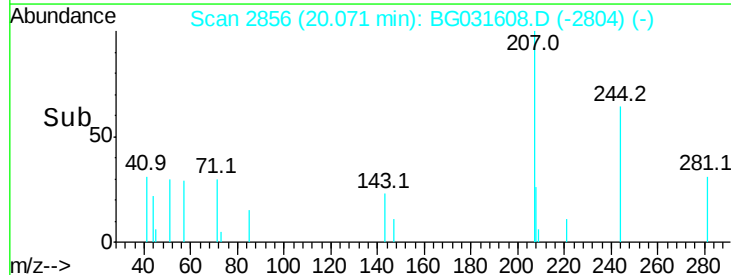
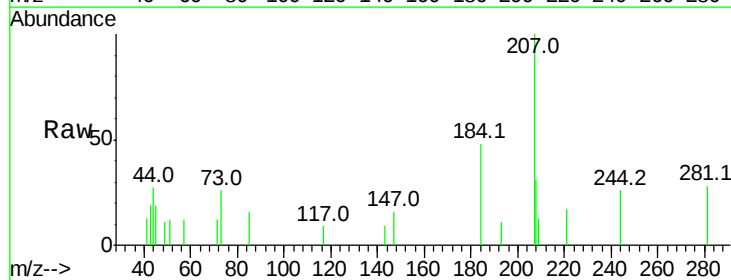
Tgt Ion:244 Resp: 587

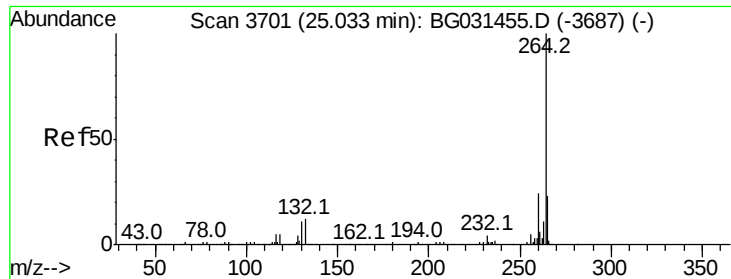
Ion Ratio Lower Upper

244 100

212 0.0 5.8 8.8#

122 0.0 7.0 10.4#

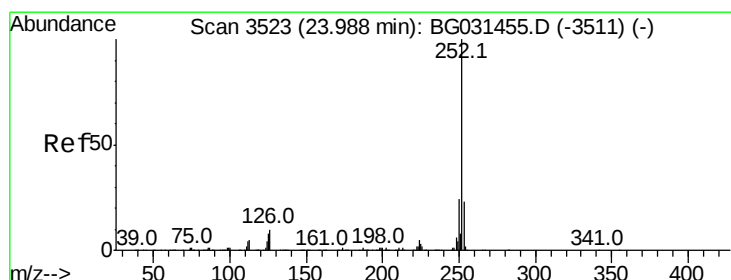
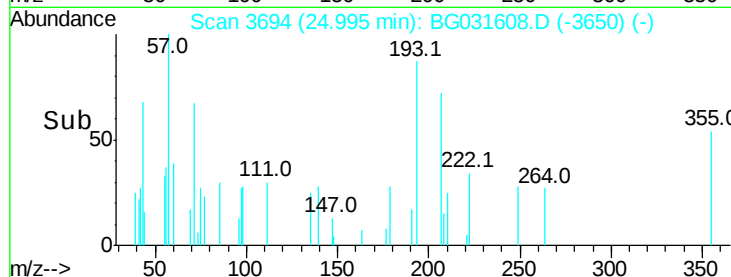
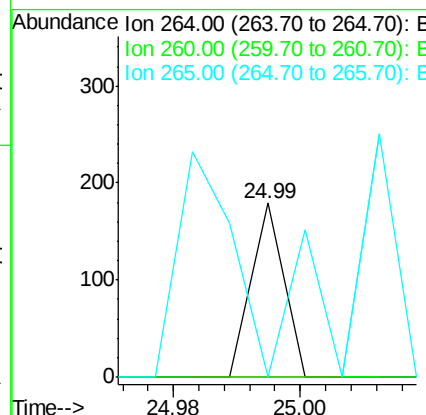
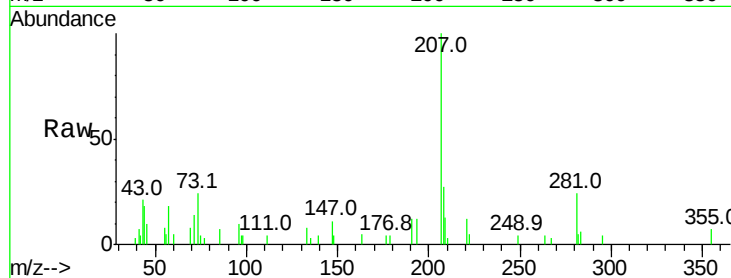




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.99 min Scan# 3694
Delta R.T. -0.04 min
Lab File: BG031608.D
Acq: 16 Dec 2017 3:43

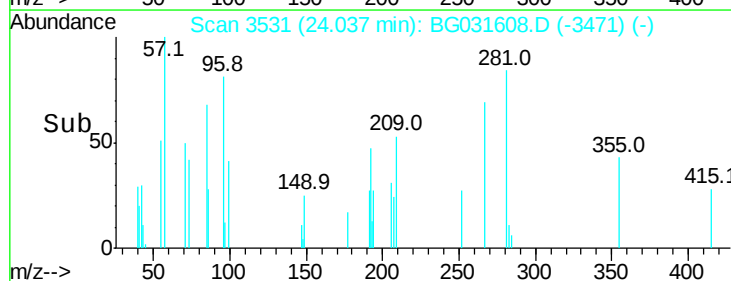
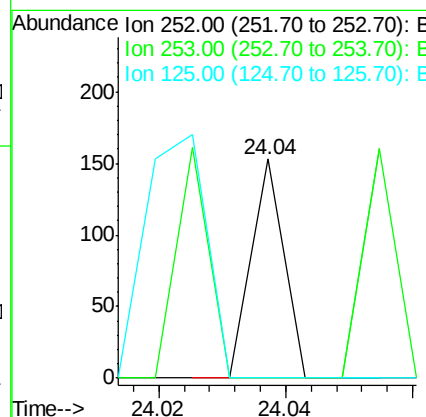
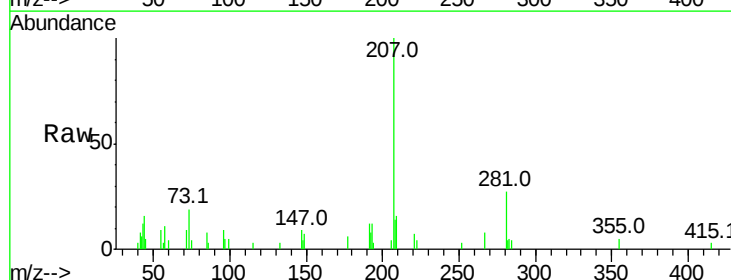
Instrument :
BNA_G
ClientSampleId :

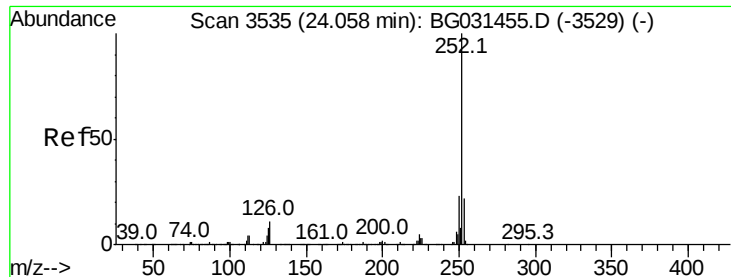
Tot Ion:264 Resp: 63
Ion Ratio Lower Upper
264 100
260 0.0 17.4 26.0#
265 0.0 17.7 26.5#



#87
Benzo(b)fluoranthene
Concen: 14.337 ng
RT: 24.04 min Scan# 3531
Delta R.T. 0.05 min
Lab File: BG031608.D
Acq: 16 Dec 2017 3:43

Tgt Ion:252 Resp: 54
Ion Ratio Lower Upper
252 100
253 0.0 18.2 27.4#
125 0.0 7.2 10.8#





#88

Benzo(k)fluoranthene

Concen: 14.049 ng

RT: 24.04 min Scan# 3531

Delta R.T. -0.02 min

Lab File: BG031608.D

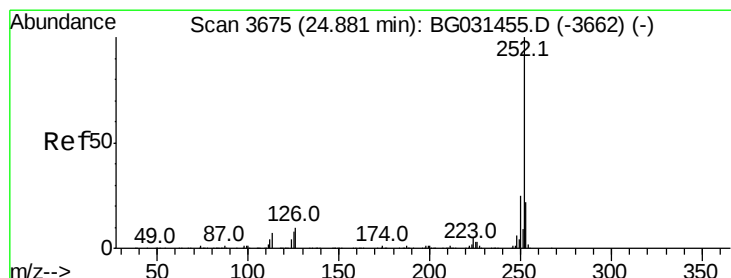
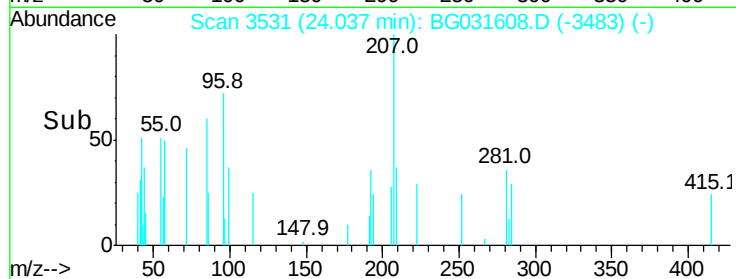
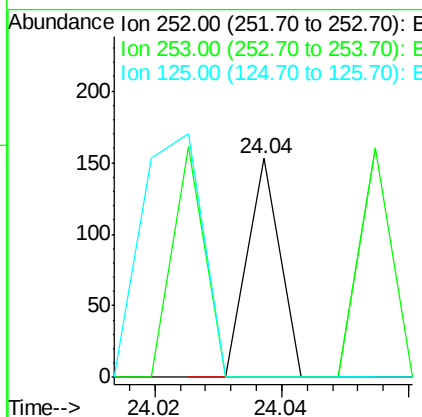
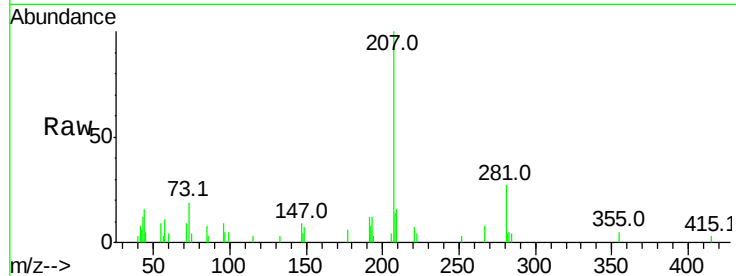
Acq: 16 Dec 2017 3:43

Instrument :

BNA_G

ClientSampled :

Tot Ion:	252	Resp:	54
Ion Ratio	Lower	Upper	
252	100		
253	0.0	17.4	26.2#
125	0.0	6.6	9.8#



#89

Benzo(a)pyrene

Concen: 15.393 ng

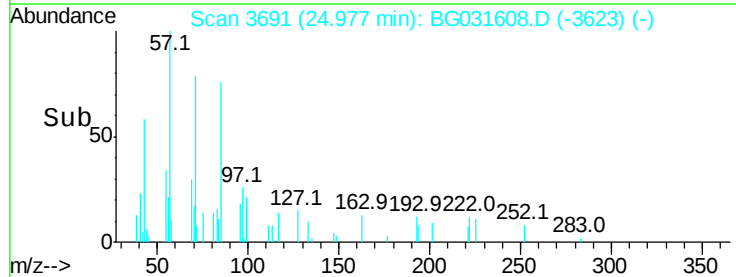
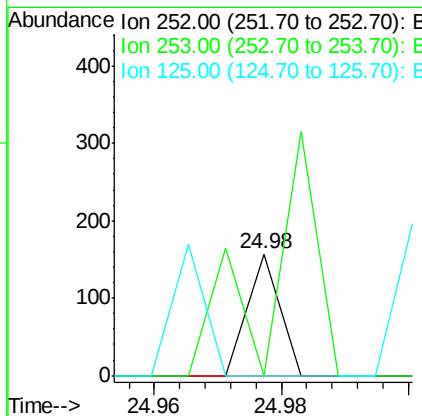
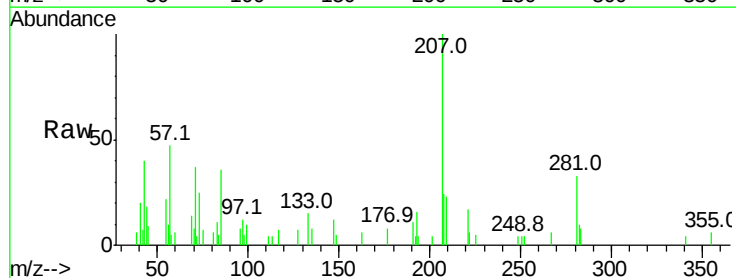
RT: 24.98 min Scan# 3691

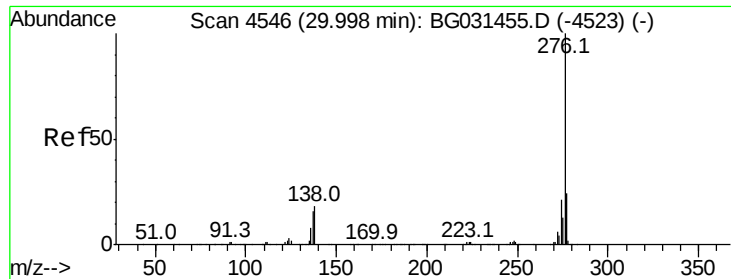
Delta R.T. 0.10 min

Lab File: BG031608.D

Acq: 16 Dec 2017 3:43

Tgt Ion:	252	Resp:	55
Ion Ratio	Lower	Upper	
252	100		
253	0.0	18.3	27.5#
125	0.0	7.3	10.9#





#91

Benzo(a,h,i)perylene

Concen: 17.564 ng

RT: 29.84 min Scan# 4519

Delta R.T. -0.16 min

Lab File: BG031608.D

Acq: 16 Dec 2017 3:43

Instrument :

BNA_G

ClientSampleId :

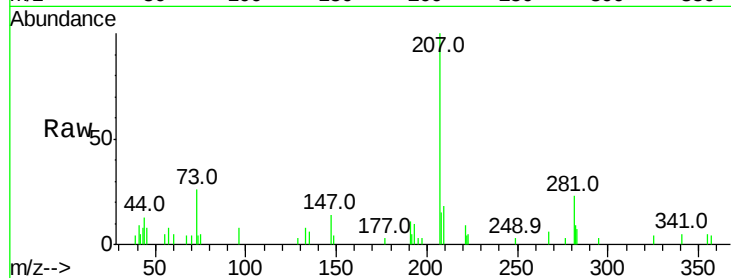
Tot Ion:276 Resp: 59

Ion Ratio Lower Upper

276 100

277 0.0 18.3 27.5#

138 0.0 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

