

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012318\
 Data File : BG032238.D
 Acq On : 23 Jan 2018 19:10
 Operator : SJ/JU
 Sample : J1213-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 24 02:59:12 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

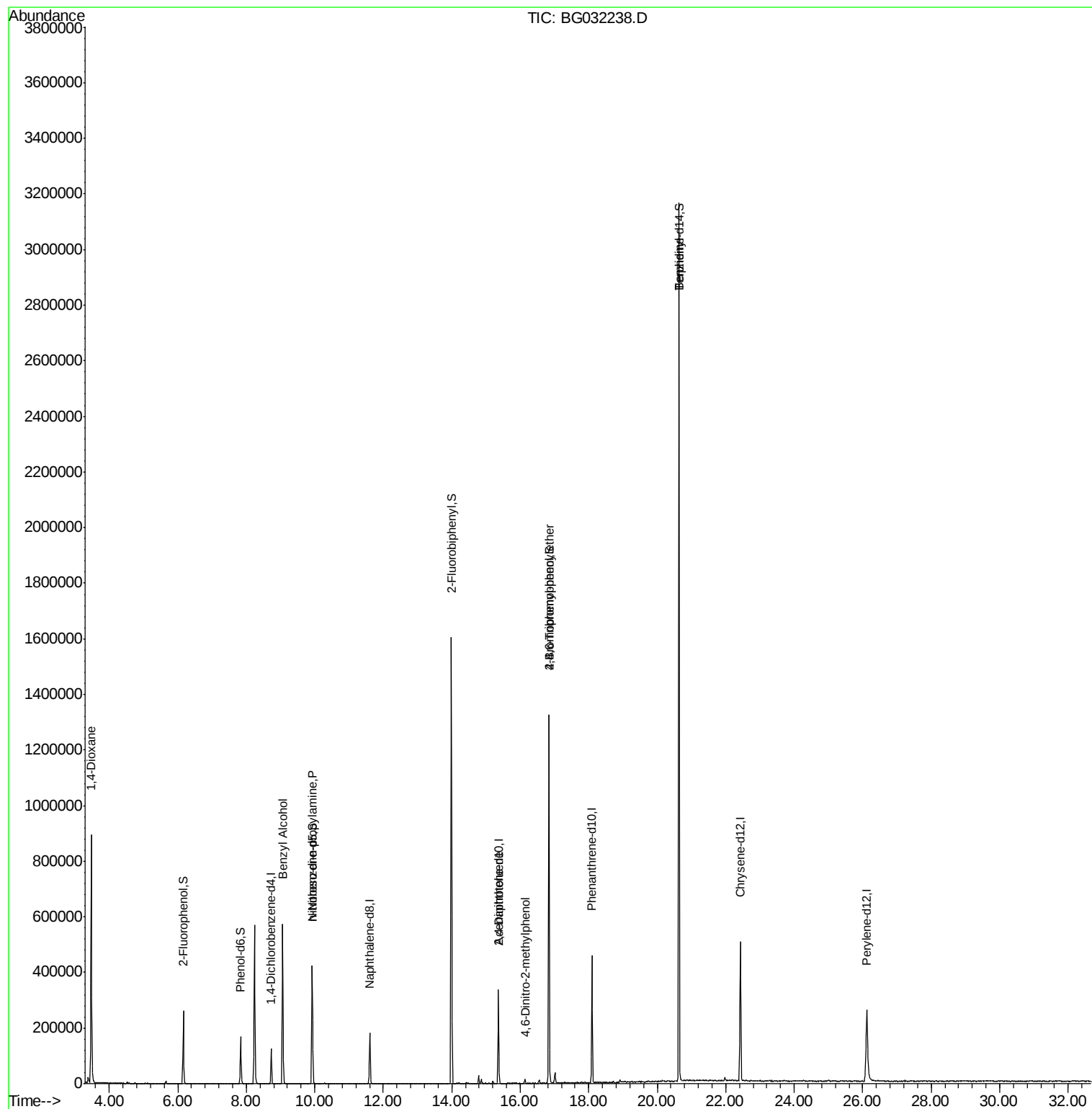
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	40516	20.00	ng	-0.01
21) Naphthalene-d8	11.61	136	173477	20.00	ng	-0.02
38) Acenaphthene-d10	15.36	164	126775	20.00	ng	-0.02
63) Phenanthrene-d10	18.09	188	303620	20.00	ng	-0.02
75) Chrysene-d12	22.42	240	385557	20.00	ng	-0.02
86) Perylene-d12	26.12	264	414527	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	129244	58.34	ng	0.00
7) Phenol-d6	7.84	99	99443	35.64	ng	-0.01
23) Nitrobenzene-d5	9.93	82	271595	105.92	ng	-0.01
41) 2,4,6-Tribromophenol	16.84	330	300543	143.26	ng	-0.02
44) 2-Fluorobiphenyl	13.99	172	968708	94.75	ng	-0.01
78) Terphenyl-d14	20.63	244	1684272	96.46	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.47	88	10040	11.797	ng	# 1
15) Benzyl Alcohol	9.06	79	4311	2.127	ng	# 38
19) n-Nitroso-di-n-propylamine	9.93	70	37676	21.764	ng	# 76
56) 2,4-Dinitrotoluene	15.36	165	16958	5.470	ng	# 17
64) 4,6-Dinitro-2-methylphenol	16.16	198	75	4.919	ng	# 29
66) 4-Bromophenyl-phenylether	16.84	248	25479	5.898	ng	# 1
76) Benizidine	20.63	184	24720	2.564	ng	# 92

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

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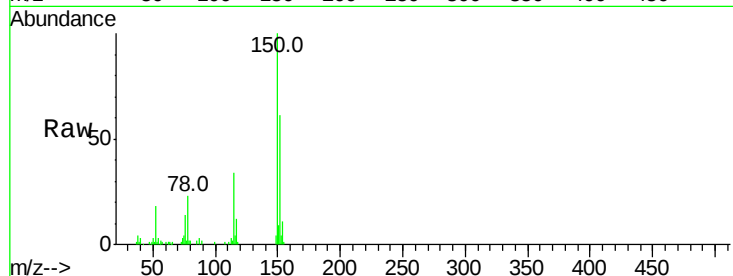


#1

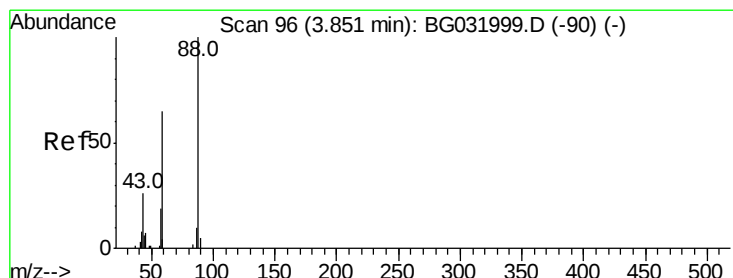
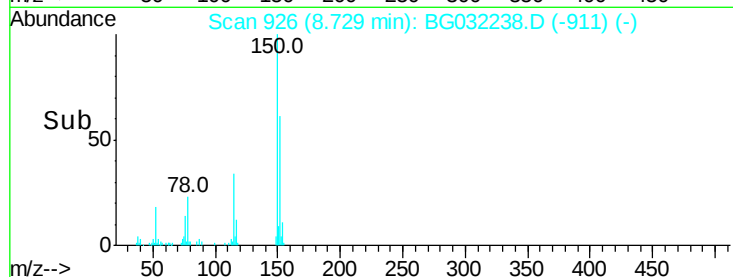
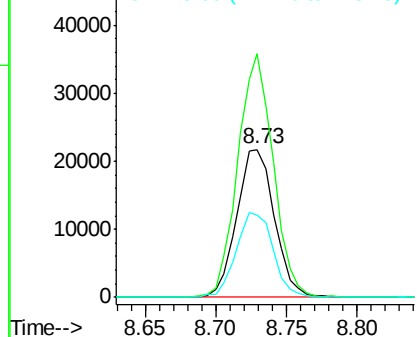
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.73 min Scan# 926
Delta R.T. -0.01 min
Lab File: BG032238.D
Acq: 23 Jan 2018 19:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.5	126.6	189.8
115	55.8	53.0	79.4



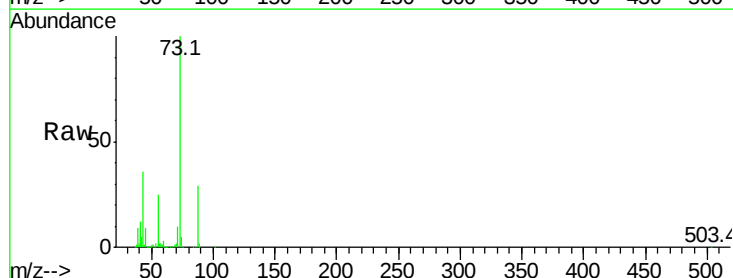
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



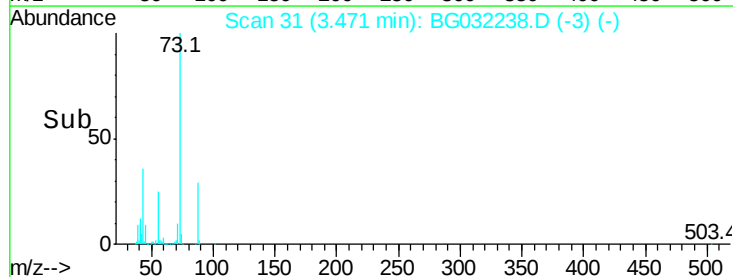
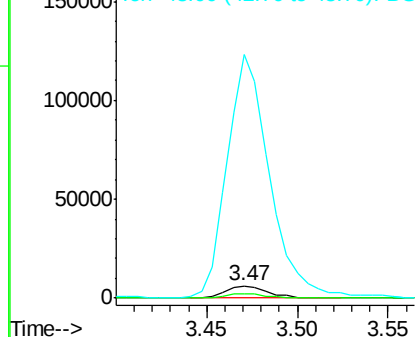
#2

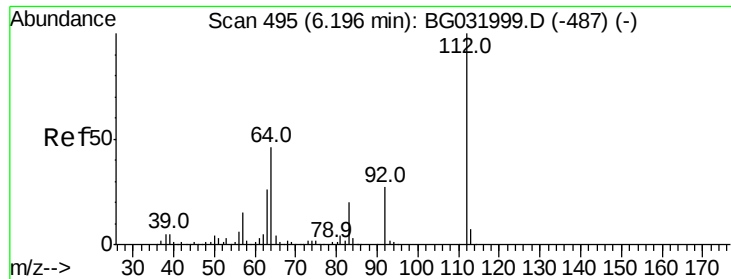
1,4-Dioxane
Concen: 11.797 ng
RT: 3.47 min Scan# 31
Delta R.T. -0.37 min
Lab File: BG032238.D
Acq: 23 Jan 2018 19:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	34.9	79.6	119.4#
43	2004.3	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: 58.342 ng

RT: 6.16 min Scan# 489

Delta R.T. -0.01 min

Lab File: BG032238.D

Acq: 23 Jan 2018 19:10

Instrument :

BNA_G

ClientSampled :

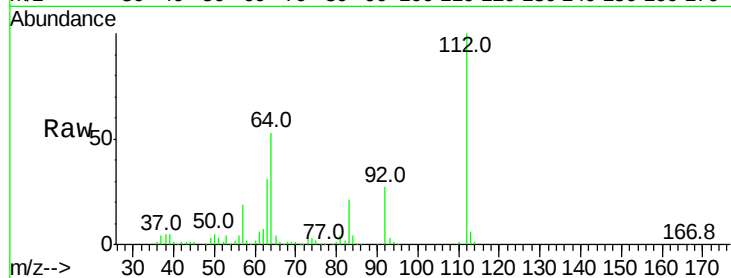
Tot Ion:112 Resp: 129244

Ion Ratio Lower Upper

112 100

64 52.5 56.3 84.5#

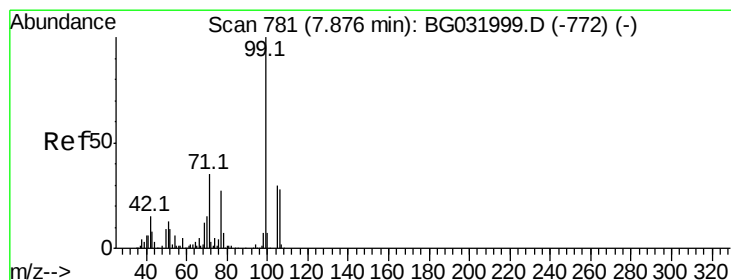
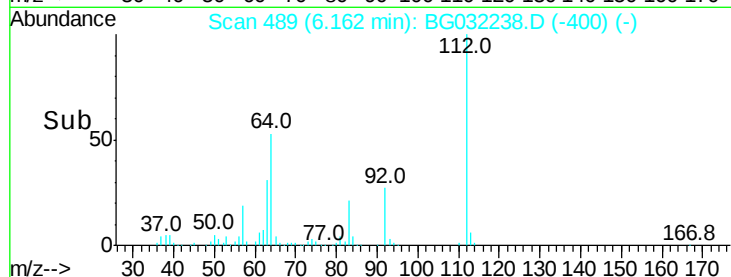
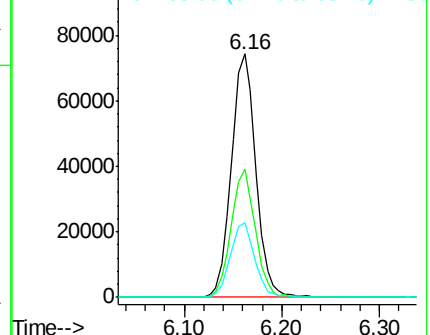
63 30.8 30.1 45.1



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: 35.643 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.01 min

Lab File: BG032238.D

Acq: 23 Jan 2018 19:10

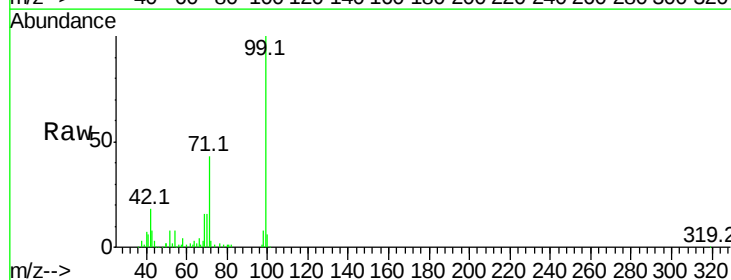
Tgt Ion: 99 Resp: 99443

Ion Ratio Lower Upper

99 100

42 17.8 14.1 21.1

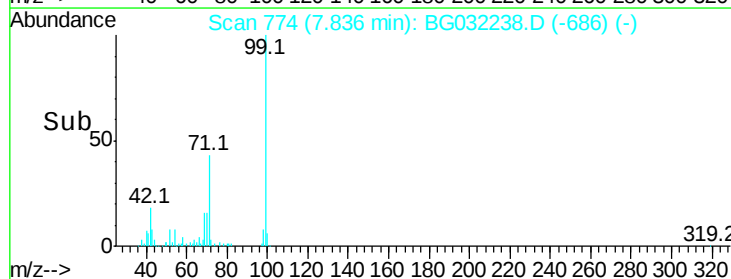
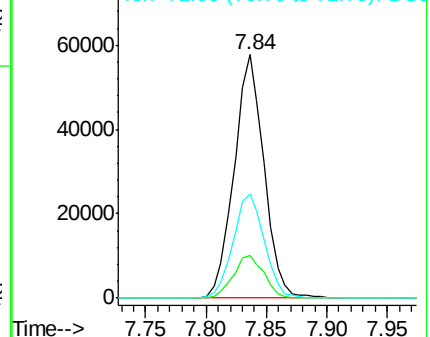
71 42.8 26.1 39.1#

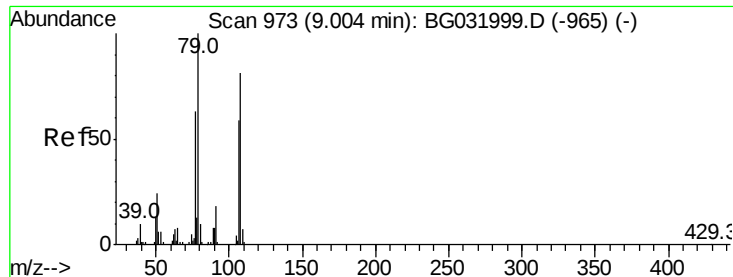


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#15

Benzyl Alcohol

Concen: 2.127 ng

RT: 9.06 min Scan# 982

Delta R.T. 0.08 min

Lab File: BG032238.D

Acq: 23 Jan 2018 19:10

Instrument :

BNA_G

ClientSampleId :

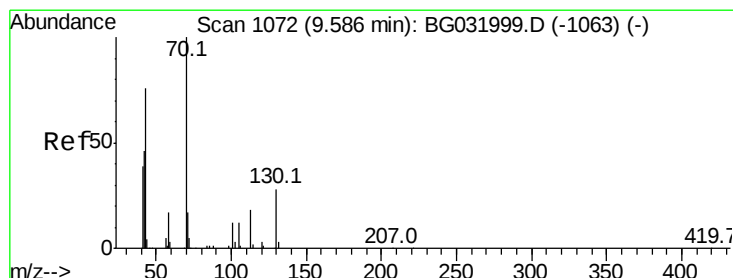
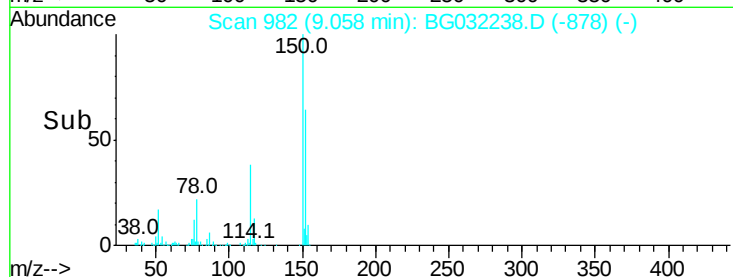
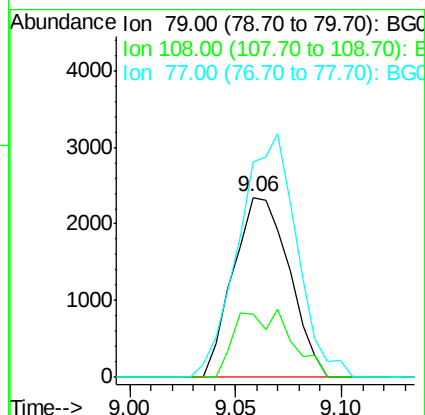
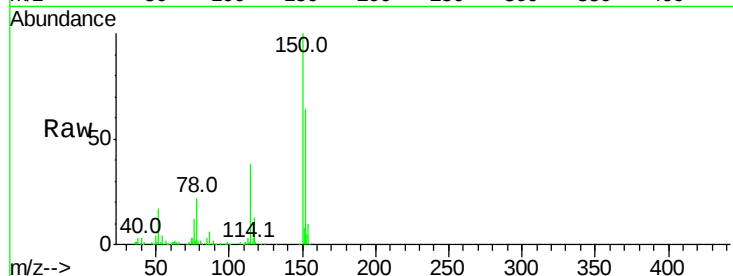
Tot Ion: 79 Resp: 4311

Ion Ratio Lower Upper

79 100

108 35.1 57.2 85.8#

77 119.6 46.1 69.1#



#19

n-Nitroso-di-n-propylamine

Concen: 21.764 ng

RT: 9.93 min Scan# 1130

Delta R.T. 0.37 min

Lab File: BG032238.D

Acq: 23 Jan 2018 19:10

Tgt Ion: 70 Resp: 37676

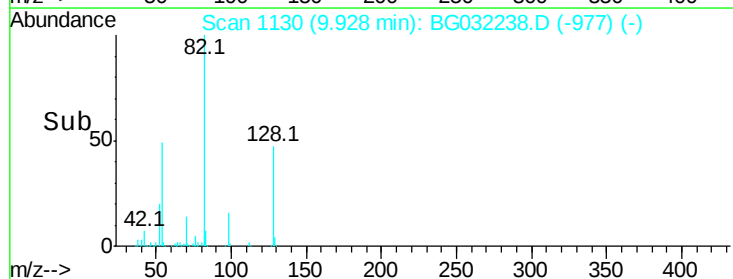
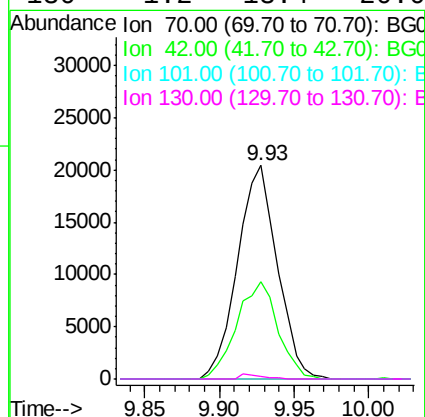
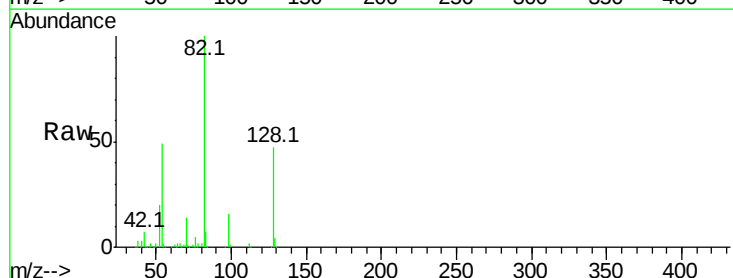
Ion Ratio Lower Upper

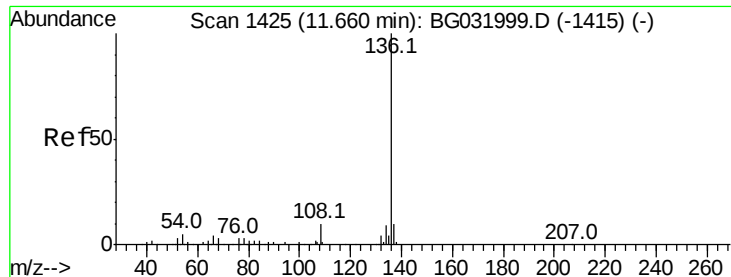
70 100

42 45.8 49.1 73.7#

101 0.0 8.5 12.7#

130 1.2 13.4 20.0#

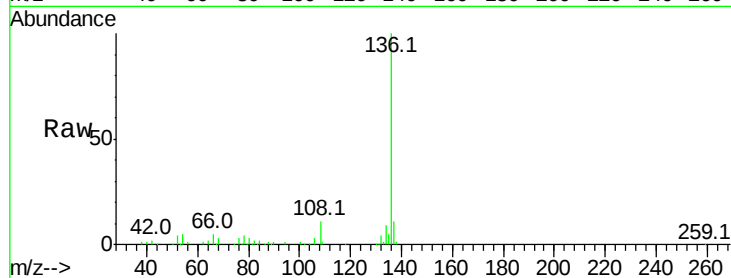




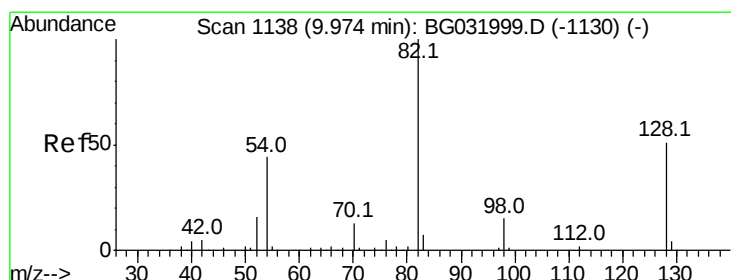
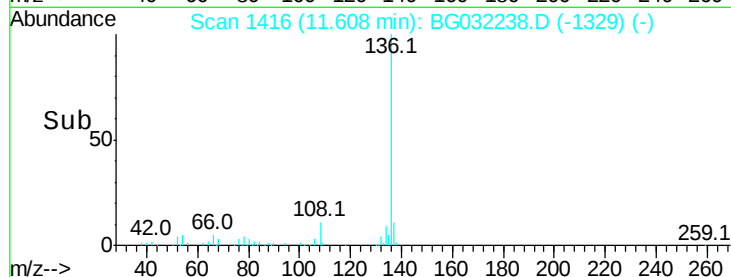
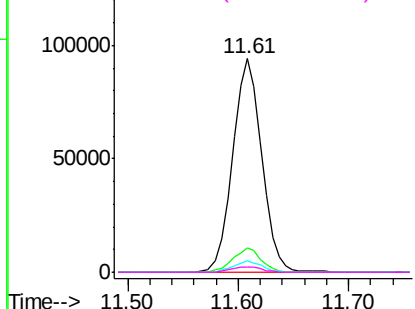
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.61 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BG032238.D
Acq: 23 Jan 2018 19:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	173477
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	5.5	10.3	15.5#
68	2.6	4.5	6.7#

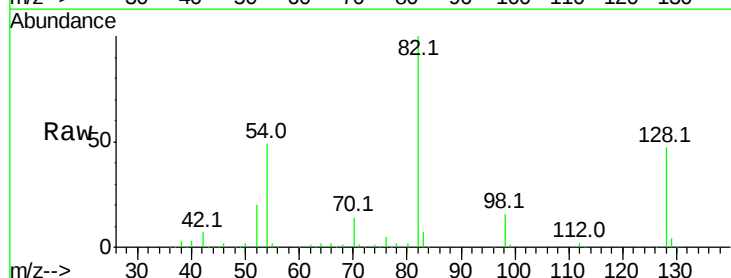


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

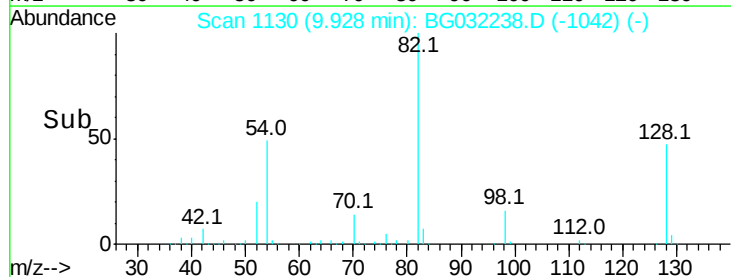
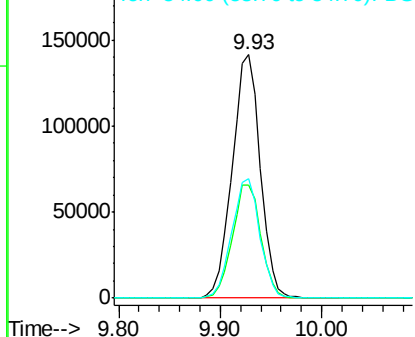


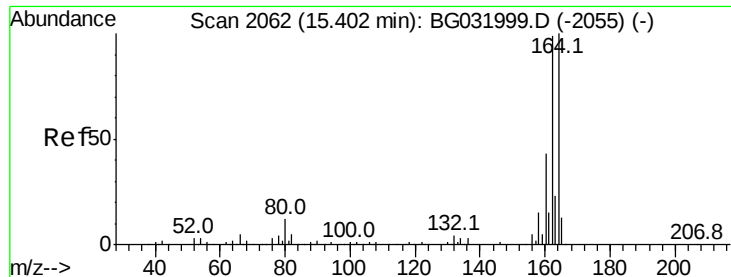
#23
Nitrobenzene-d5
Concen: 105.919 ng
RT: 9.93 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BG032238.D
Acq: 23 Jan 2018 19:10

Tgt Ion:	82	Resp:	271595
Ion	Ratio	Lower	Upper
82	100		
128	46.5	29.7	44.5#
54	49.0	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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.36 min Scan# 2055

Delta R.T. -0.02 min

Lab File: BG032238.D

Acq: 23 Jan 2018 19:10

Instrument :

BNA_G

ClientSampleId :

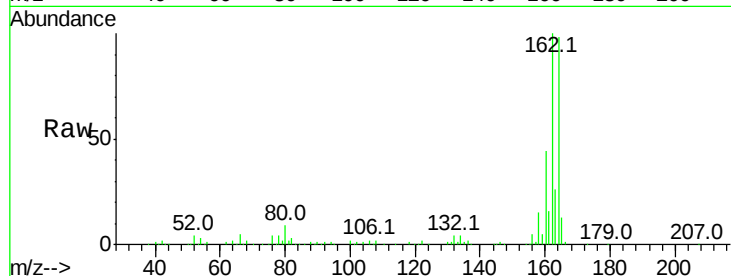
Tot Ion:164 Resp: 126775

Ion Ratio Lower Upper

164 100

162 102.5 78.8 118.2

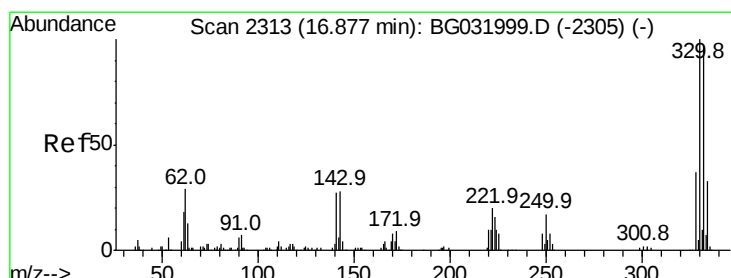
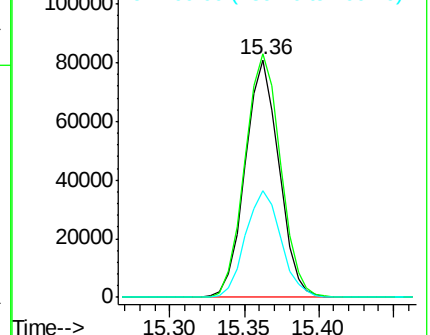
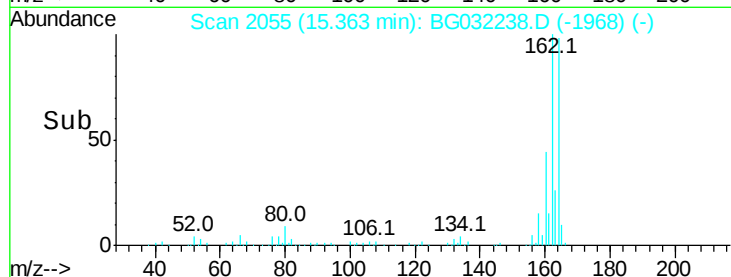
160 44.9 35.4 53.0



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: 143.264 ng

RT: 16.84 min Scan# 2306

Delta R.T. -0.02 min

Lab File: BG032238.D

Acq: 23 Jan 2018 19:10

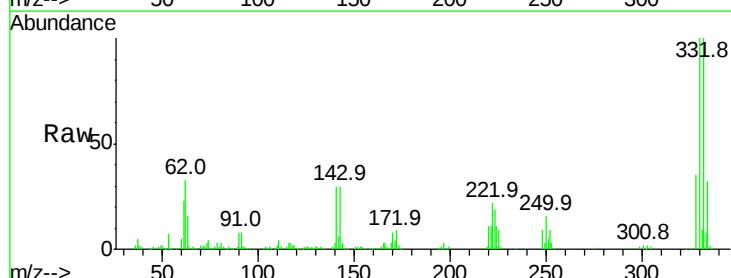
Tgt Ion:330 Resp: 300543

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

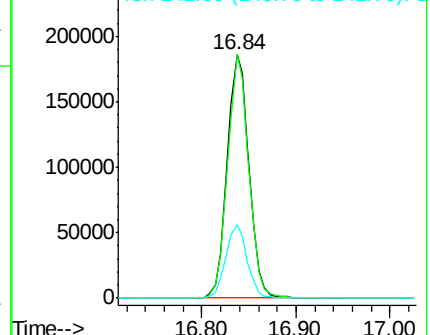
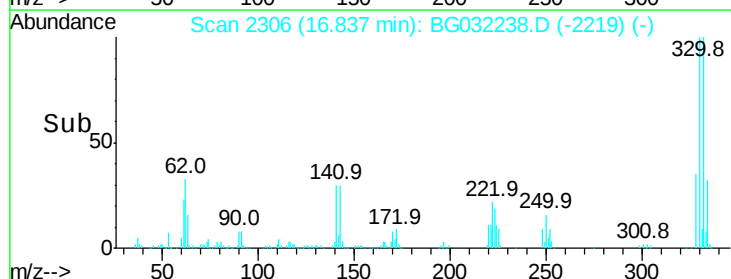
141 29.8 25.2 37.8

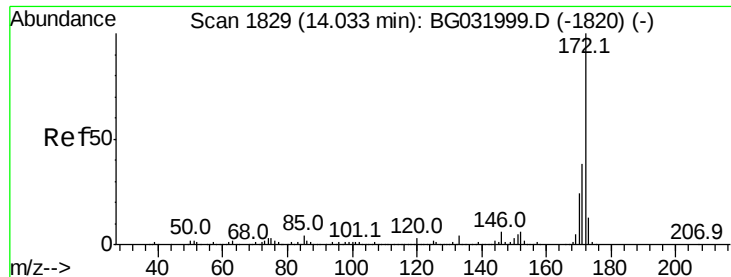


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

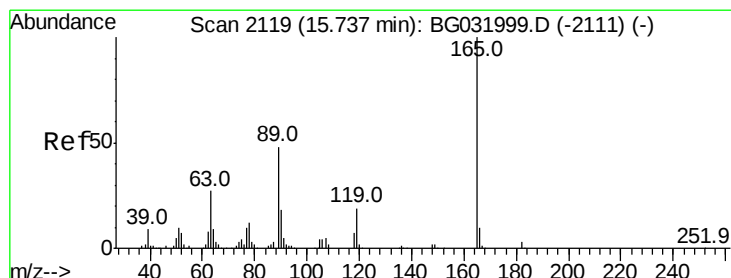
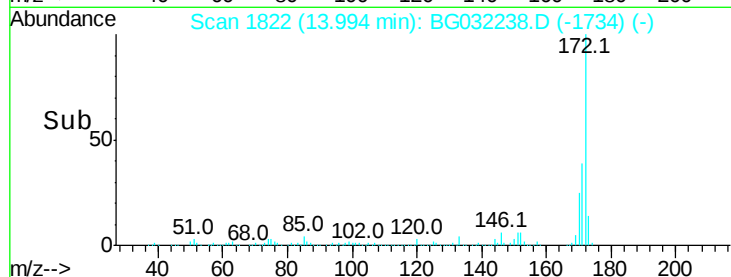
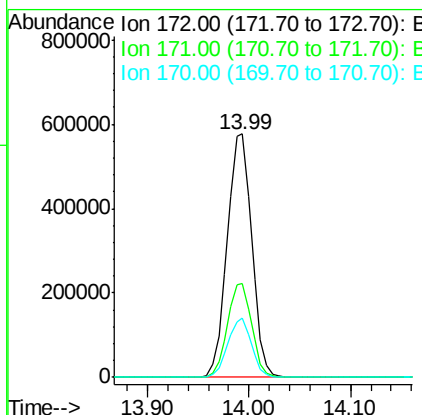
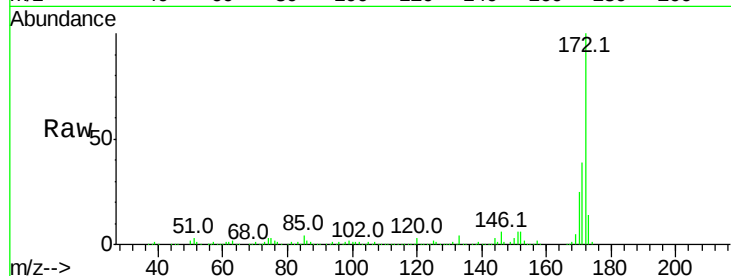




#44
2-Fluorobiphenyl
Concen: 94.747 ng
RT: 13.99 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BG032238.D
Acq: 23 Jan 2018 19:10

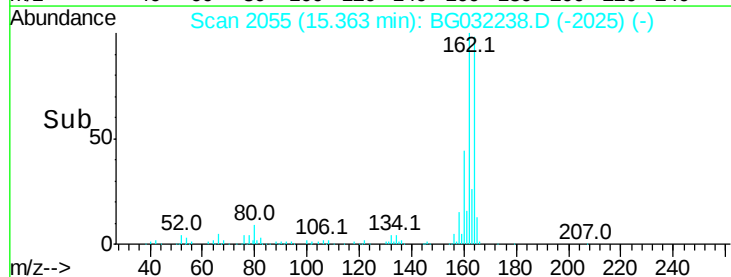
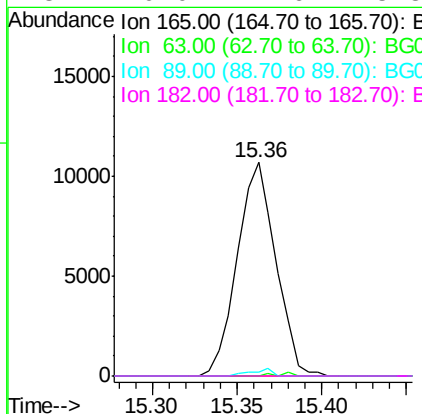
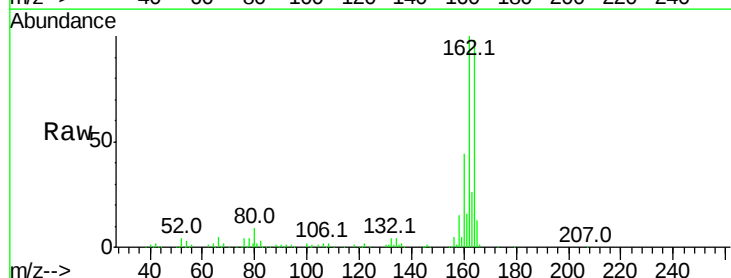
Instrument :
BNA_G
ClientSampleId :

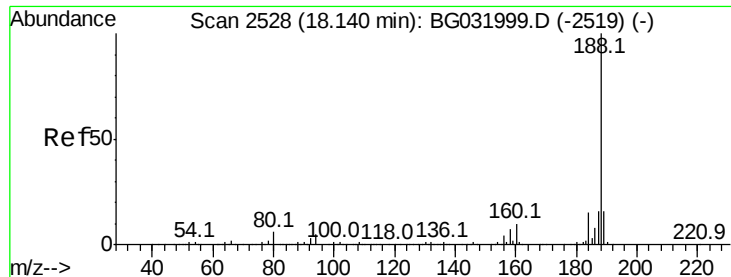
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.0	45.0
170	24.6	19.5	29.3



#56
2,4-Dinitrotoluene
Concen: 5.470 ng
RT: 15.36 min Scan# 2055
Delta R.T. -0.35 min
Lab File: BG032238.D
Acq: 23 Jan 2018 19:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	1.5	66.9	100.3#
182	0.0	2.6	3.8#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.09 min Scan# 2520

Delta R.T. -0.02 min

Lab File: BG032238.D

Acq: 23 Jan 2018 19:10

Instrument :

BNA_G

ClientSampled :

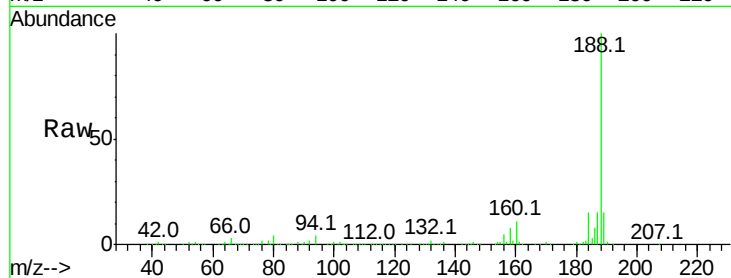
Tot Ion:188 Resp: 303620

Ion Ratio Lower Upper

188 100

94 3.7 6.9 10.3#

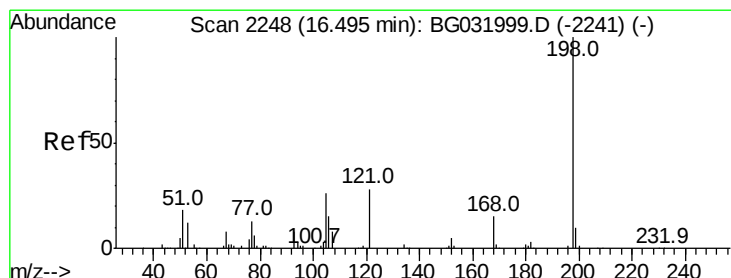
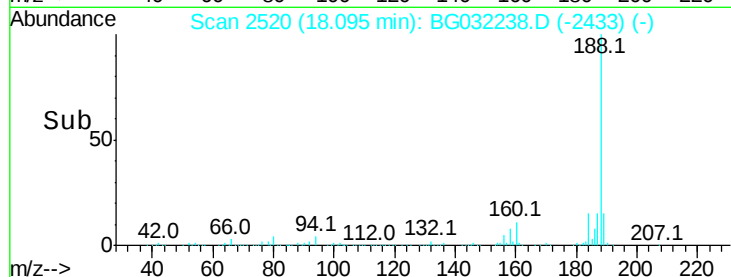
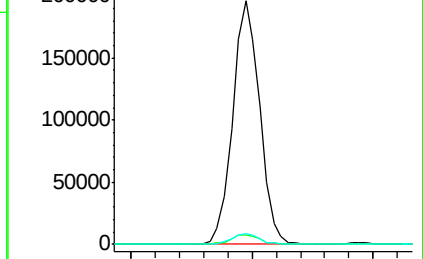
80 4.5 7.7 11.5#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 4.919 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.32 min

Lab File: BG032238.D

Acq: 23 Jan 2018 19:10

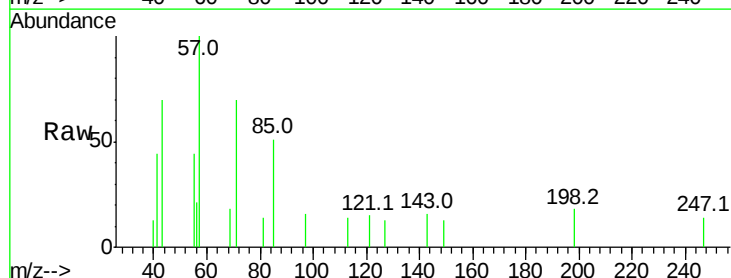
Tgt Ion:198 Resp: 75

Ion Ratio Lower Upper

198 100

51 0.0 30.6 70.6#

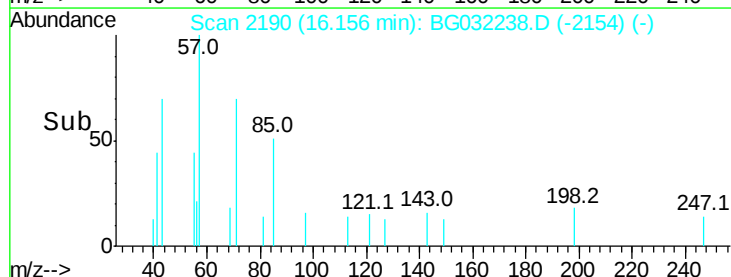
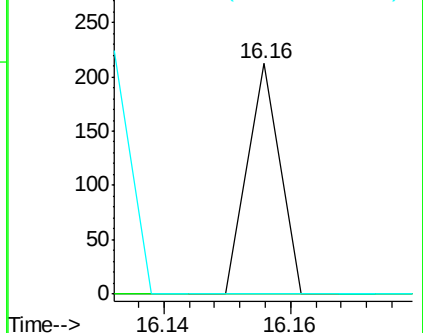
105 0.0 23.8 63.8#

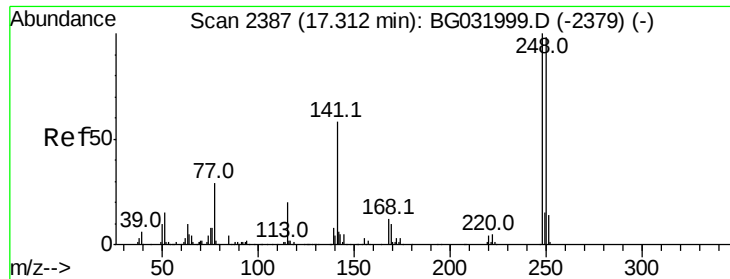


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

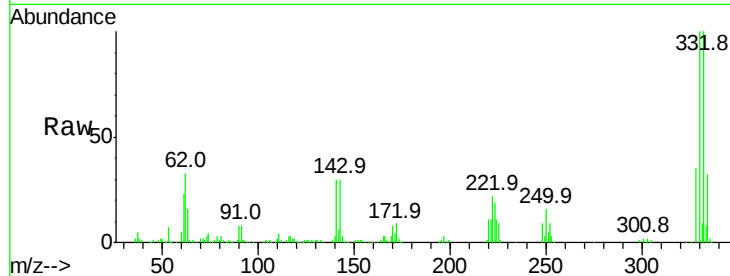




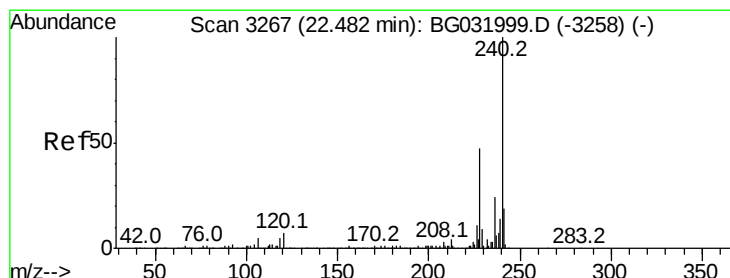
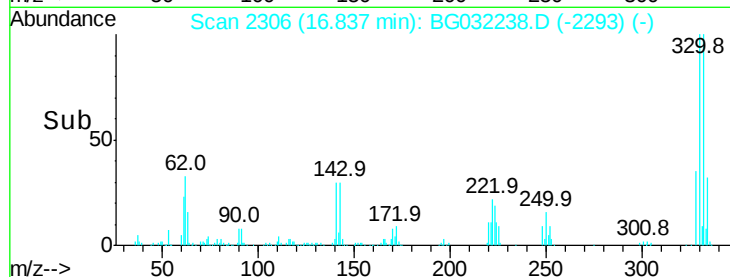
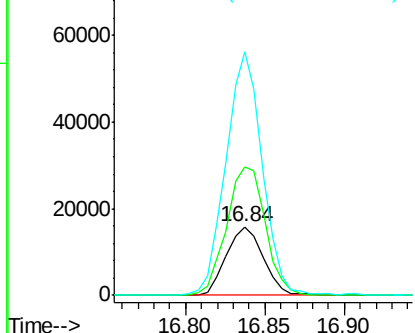
#66
4-Bromophenyl-phenylether
Concen: 5.898 ng
RT: 16.84 min Scan# 2306
Delta R.T. -0.45 min
Lab File: BG032238.D
Acq: 23 Jan 2018 19:10

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 25479
Ion Ratio Lower Upper
248 100
250 187.9 77.1 115.7#
141 354.5 50.8 76.2#

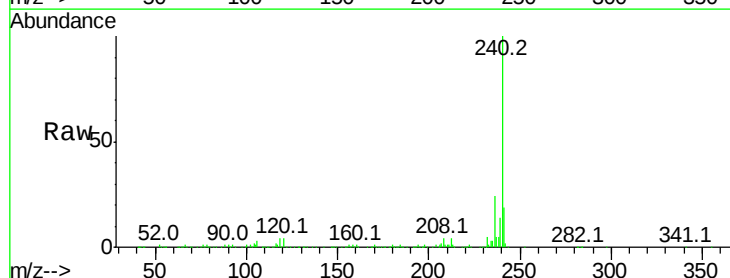


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

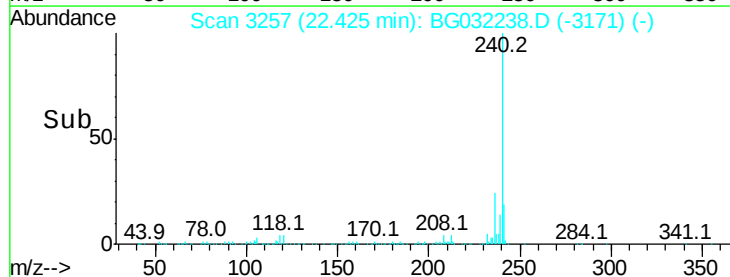
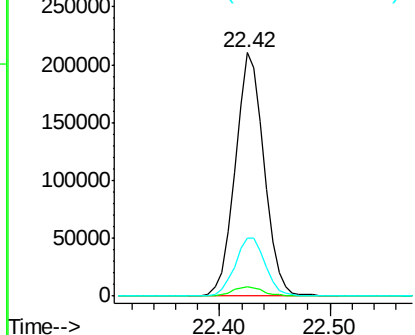


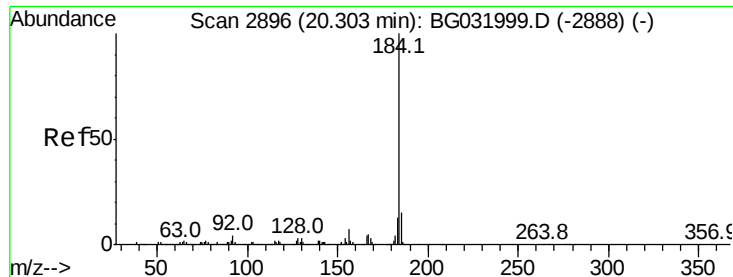
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3257
Delta R.T. -0.02 min
Lab File: BG032238.D
Acq: 23 Jan 2018 19:10

Tgt Ion:240 Resp: 385557
Ion Ratio Lower Upper
240 100
120 3.9 6.8 10.2#
236 24.1 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





#76

Benzidine

Concen: 2.564 ng

RT: 20.63 min Scan# 2952

Delta R.T. 0.36 min

Lab File: BG032238.D

Acq: 23 Jan 2018 19:10

Instrument :

BNA_G

ClientSampleId :

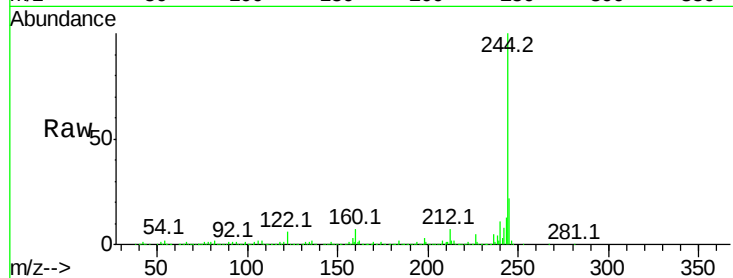
Tot Ion:184 Resp: 24720

Ion Ratio Lower Upper

184 100

185 16.6 11.1 16.7

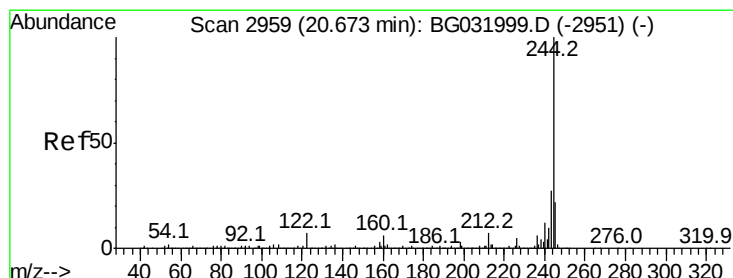
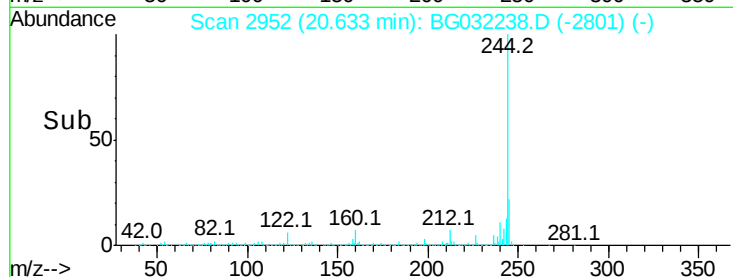
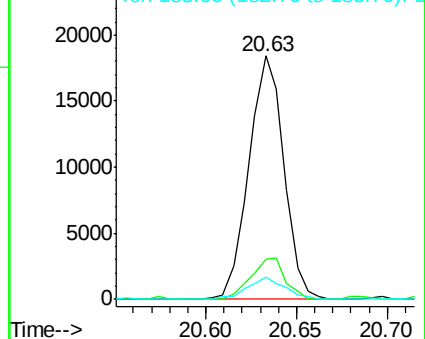
183 9.4 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 96.456 ng

RT: 20.63 min Scan# 2952

Delta R.T. -0.02 min

Lab File: BG032238.D

Acq: 23 Jan 2018 19:10

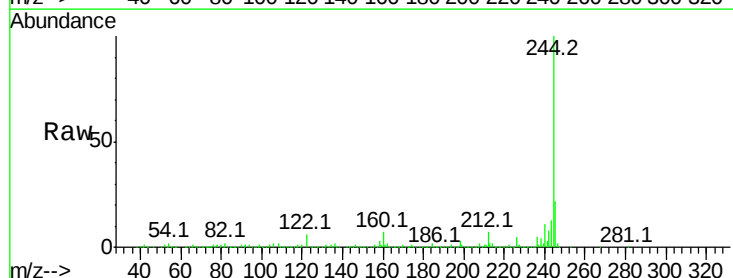
Tgt Ion:244 Resp: 1684272

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

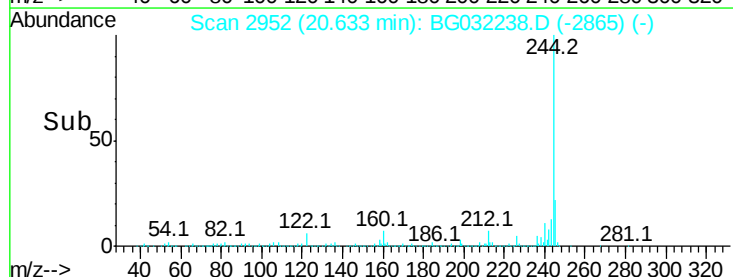
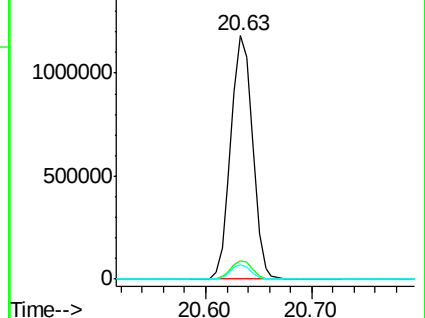
122 5.8 7.0 10.4#

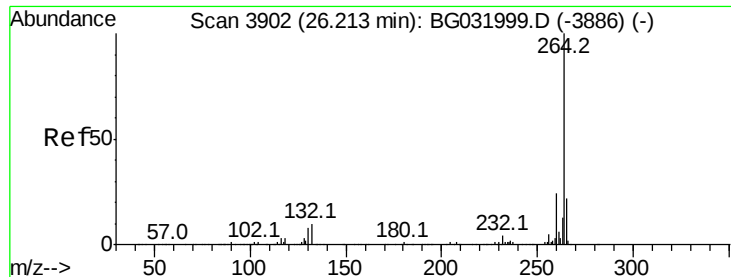


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

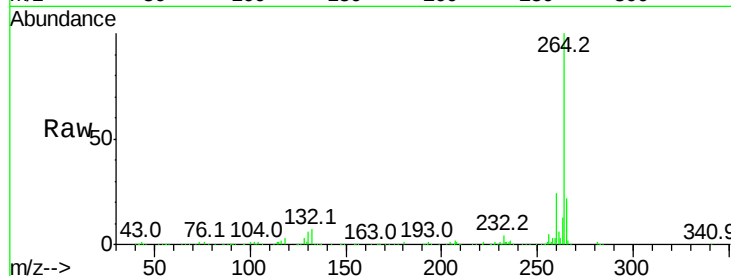




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.12 min Scan# 3886
Delta R.T. -0.03 min
Lab File: BG032238.D
Acq: 23 Jan 2018 19:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	22.4	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

