

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071918\
 Data File : BG035763.D
 Acq On : 20 Jul 2018 00:01
 Operator : JU/SJ
 Sample : J4030-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB7-12-7

Quant Time: Jul 20 02:00:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 17:45:13 2018
 Response via : Initial Calibration

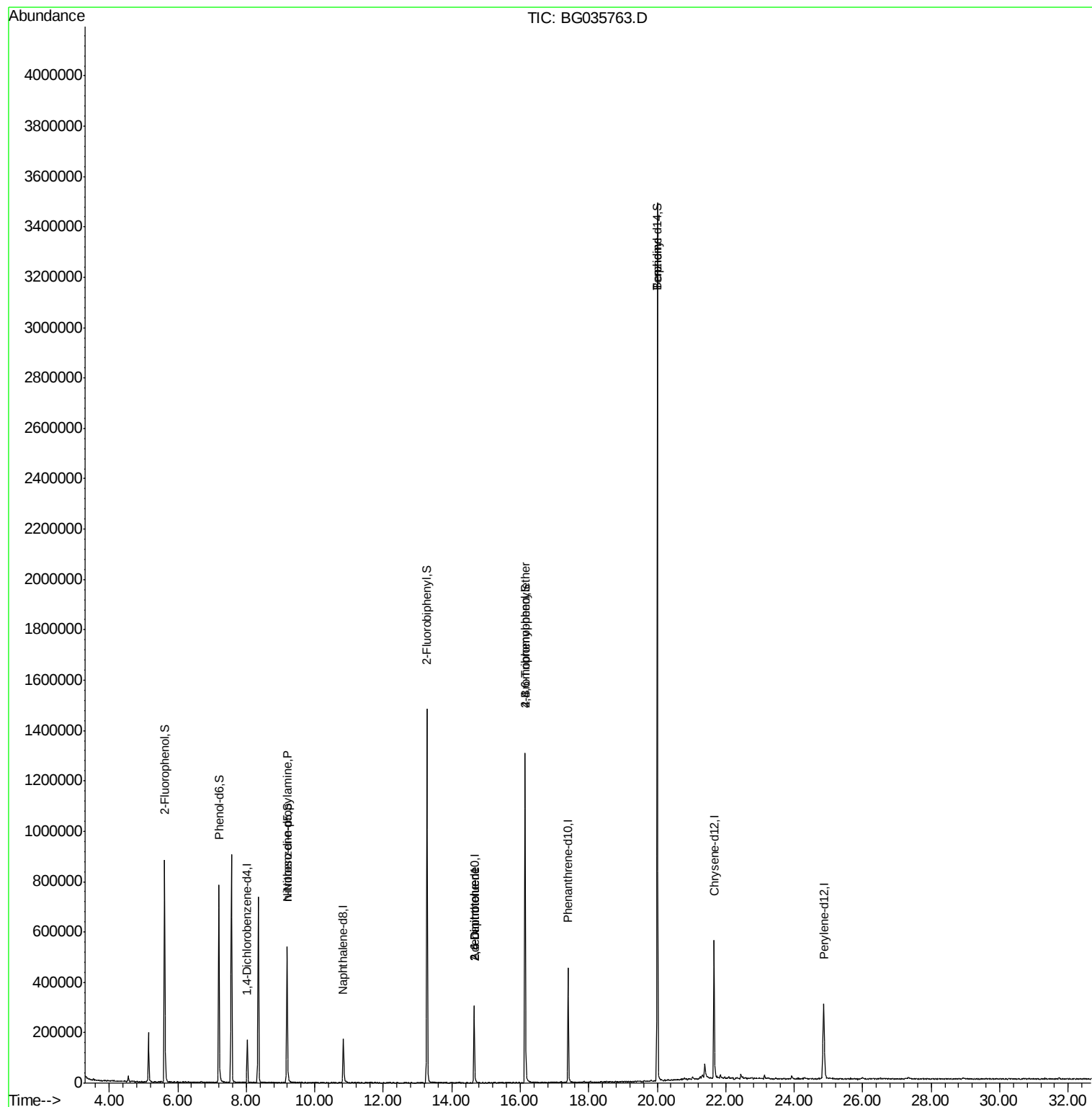
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	48647	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	166941	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	113370	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	311159	20.00	ng	0.00
75) Chrysene-d12	21.66	240	367973	20.00	ng	-0.02
86) Perylene-d12	24.86	264	348750	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	380550	129.87	ng	0.00
7) Phenol-d6	7.20	99	487552	111.52	ng	0.00
23) Nitrobenzene-d5	9.19	82	383975	96.08	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	243350	162.85	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	847283	100.13	ng	0.00
78) Terphenyl-d14	20.01	244	1683148	100.83	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	51293	13.933	ng	# 70
50) 2,6-Dinitrotoluene	14.65	165	15498	7.662	ng	# 22
56) 2,4-Dinitrotoluene	14.65	165	15498	5.341	ng	# 19
66) 4-Bromophenyl-phenylether	16.14	248	19539	5.413	ng	# 1
76) Benzidine	20.01	184	29572	3.057	ng	# 95

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

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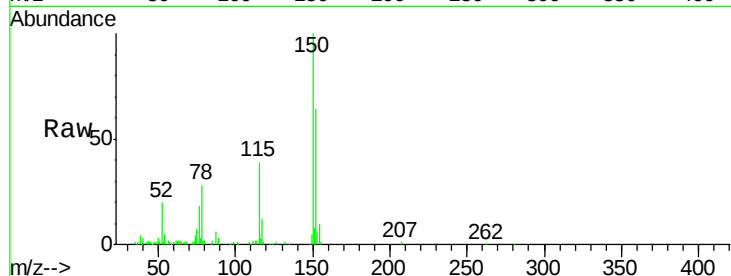


#1

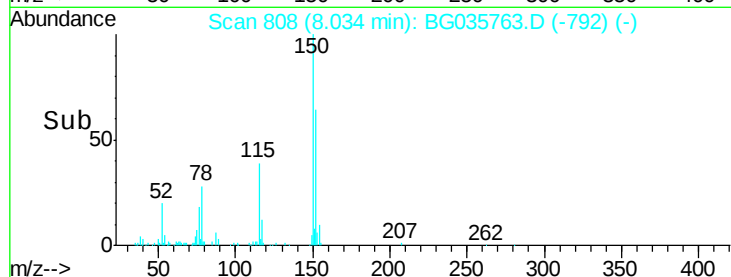
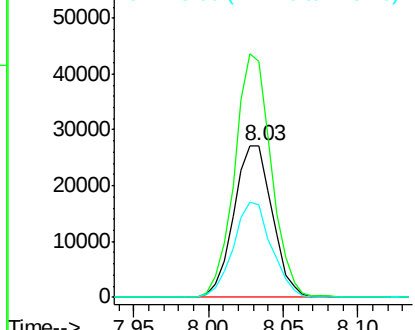
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG035763.D
Acq: 20 Jul 2018 00:01

Instrument :
BNA_G
ClientSampleId :
SB7-12-7

Tgt Ion:152 Resp: 48647
Ion Ratio Lower Upper
152 100
150 155.5 126.6 189.8
115 61.3 53.0 79.4



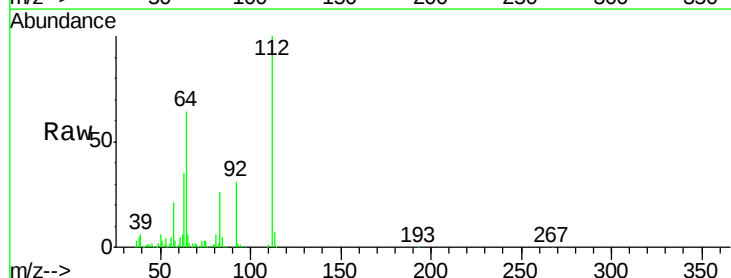
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



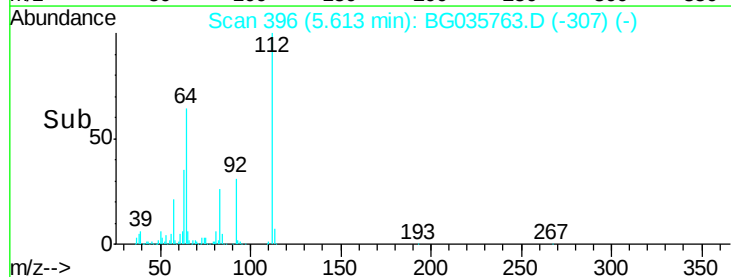
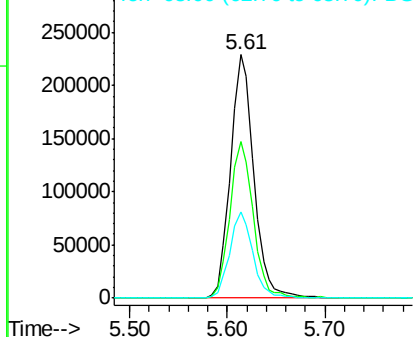
#5

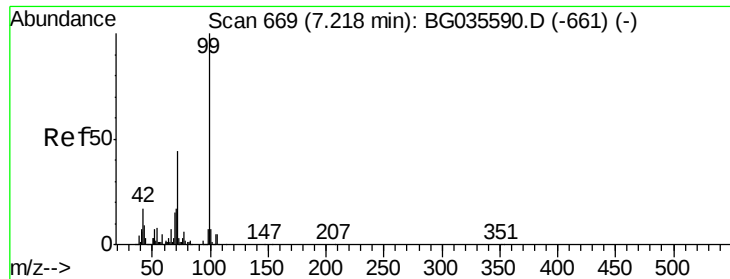
2-Fluorophenol
Concen: 129.875 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG035763.D
Acq: 20 Jul 2018 00:01

Tgt Ion:112 Resp: 380550
Ion Ratio Lower Upper
112 100
64 64.4 56.3 84.5
63 35.4 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: 111.524 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG035763.D

Acq: 20 Jul 2018 00:01

Instrument :

BNA_G

ClientSampleId :

SB7-12-7

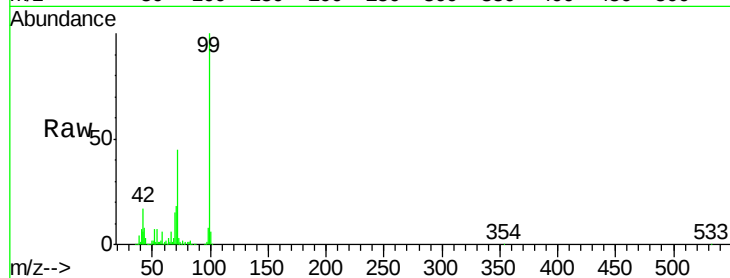
Tgt Ion: 99 Resp: 487552

Ion Ratio Lower Upper

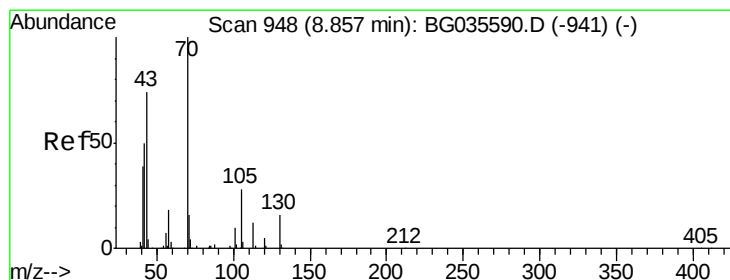
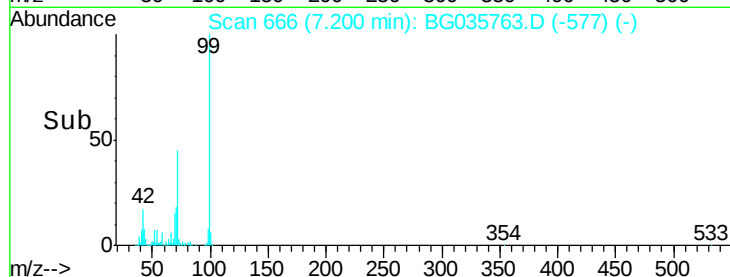
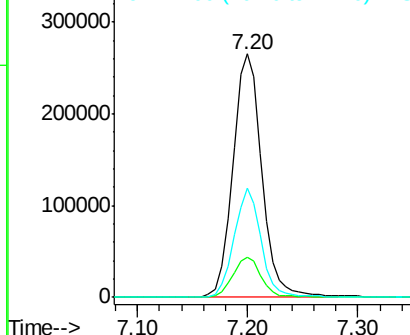
99 100

42 16.6 14.1 21.1

71 44.7 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.933 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.35 min

Lab File: BG035763.D

Acq: 20 Jul 2018 00:01

Tgt Ion: 70 Resp: 51293

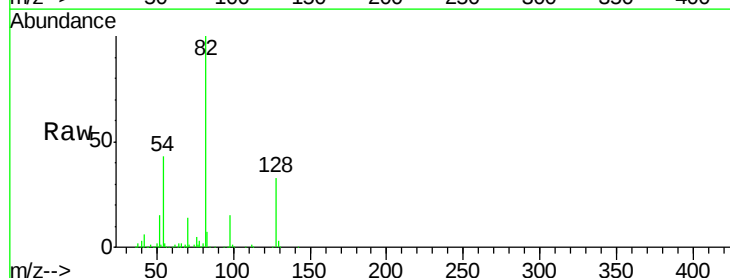
Ion Ratio Lower Upper

70 100

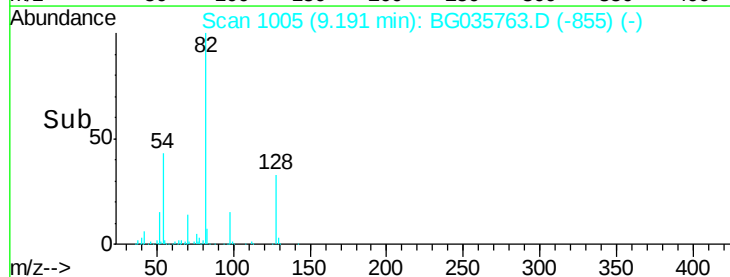
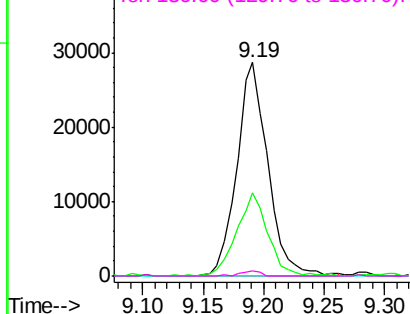
42 39.1 49.1 73.7#

101 0.0 8.5 12.7#

130 2.4 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

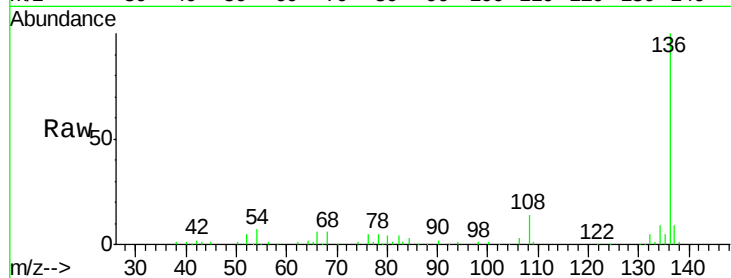




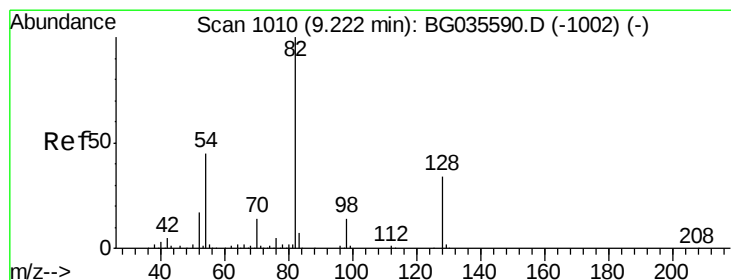
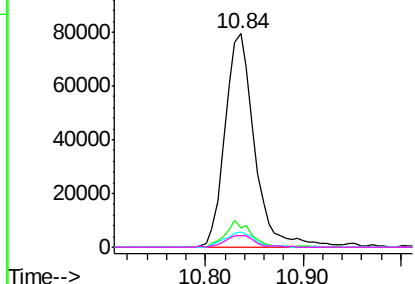
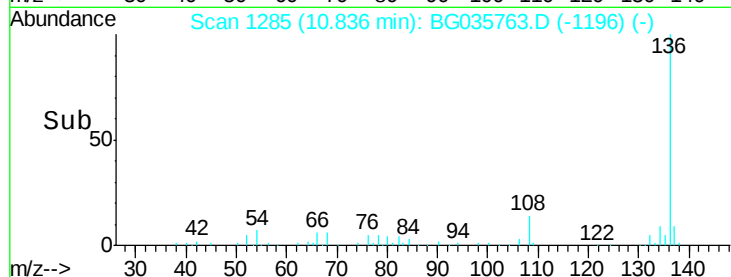
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BG035763.D
Acq: 20 Jul 2018 00:01

Instrument :
BNA_G
ClientSampleId :
SB7-12-7

Tgt Ion:	136	Resp:	166941
Ion	Ratio	Lower	Upper
136	100		
137	9.2	9.2	13.8
54	7.2	10.3	15.5
68	5.5	4.5	6.7

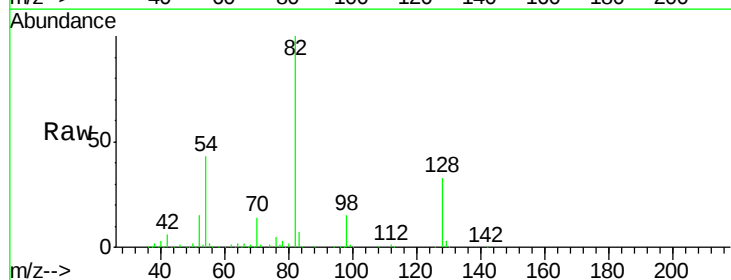


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

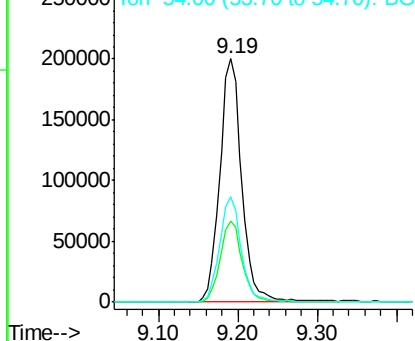
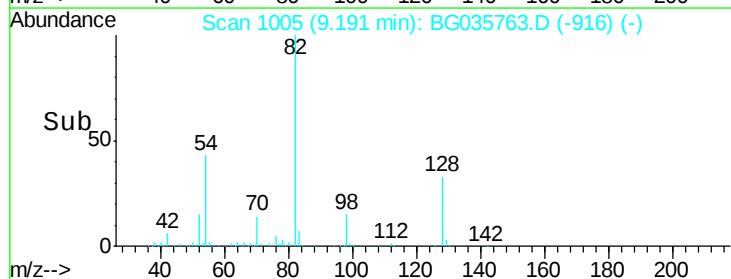


#23
Nitrobenzene-d5
Concen: 96.085 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BG035763.D
Acq: 20 Jul 2018 00:01

Tgt Ion:	82	Resp:	383975
Ion	Ratio	Lower	Upper
82	100		
128	33.1	29.7	44.5
54	43.3	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: 14.65 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG035763.D

Acq: 20 Jul 2018 00:01

Instrument :

BNA_G

ClientSampleId :

SB7-12-7

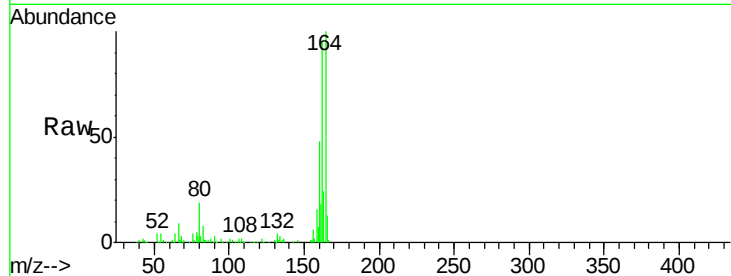
Tgt Ion:164 Resp: 113370

Ion Ratio Lower Upper

164 100

162 96.0 78.8 118.2

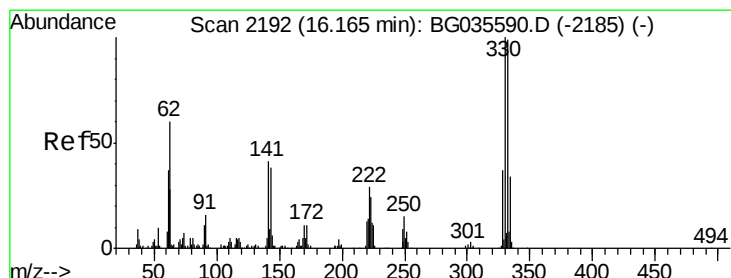
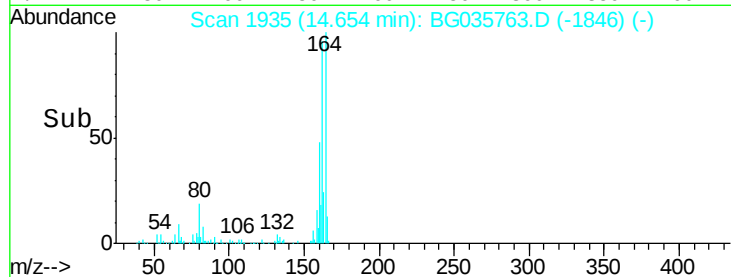
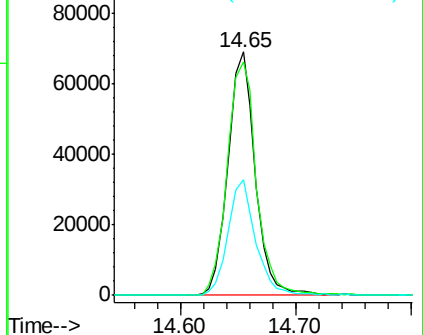
160 47.7 35.4 53.0



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: 162.853 ng

RT: 16.14 min Scan# 2188

Delta R.T. -0.01 min

Lab File: BG035763.D

Acq: 20 Jul 2018 00:01

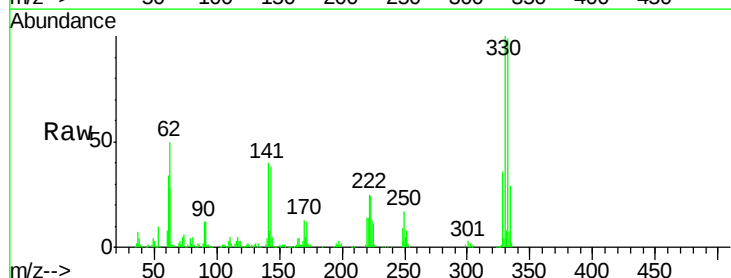
Tgt Ion:330 Resp: 243350

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

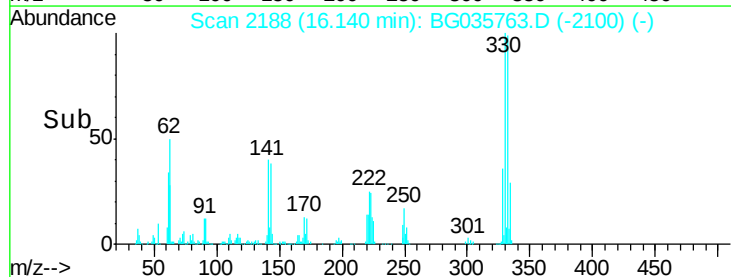
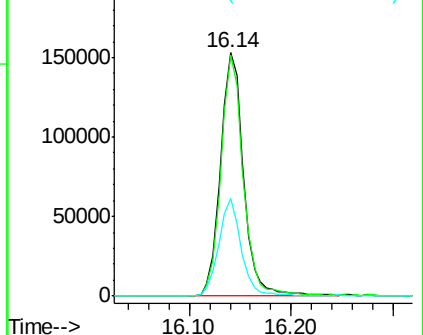
141 39.0 25.2 37.8#

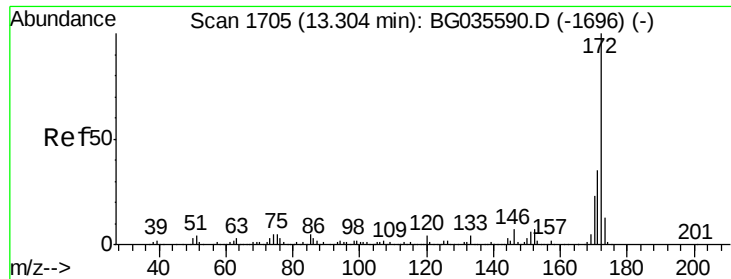


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

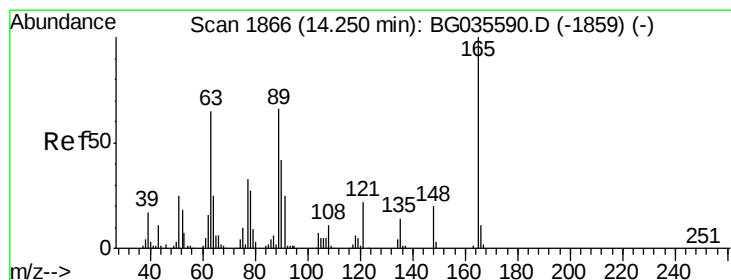
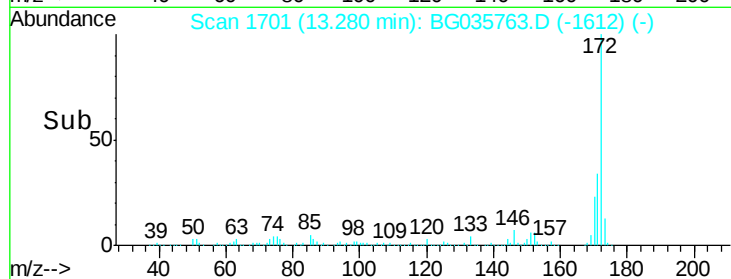
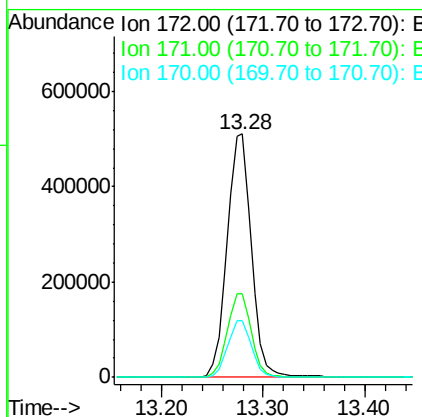
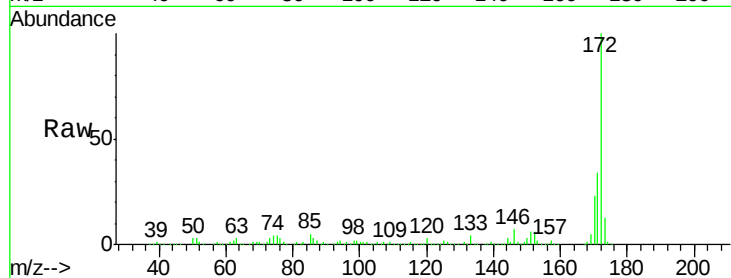




#44
 2-Fluorobiphenyl
 Concen: 100.127 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG035763.D
 Acq: 20 Jul 2018 00:01

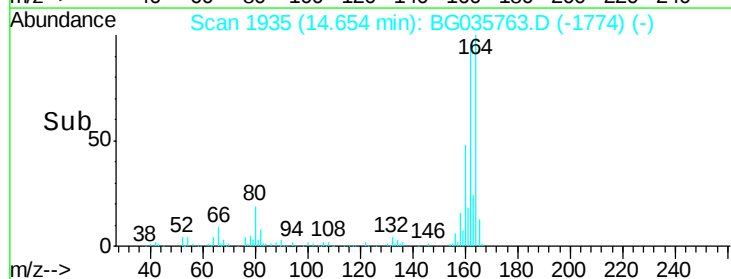
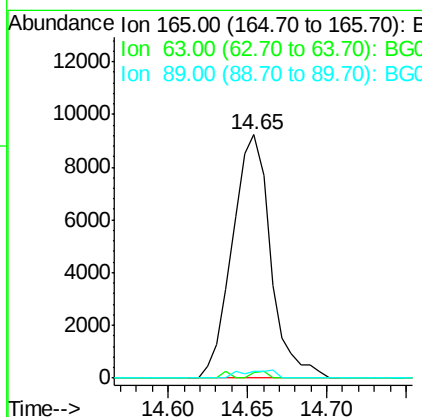
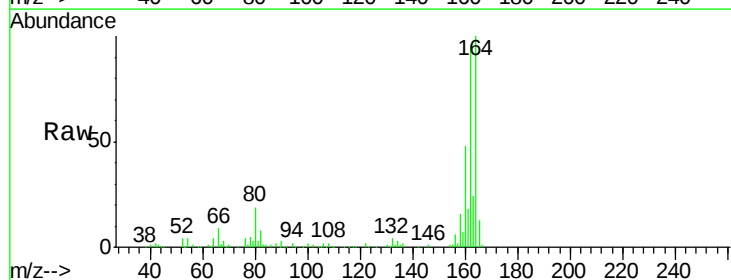
Instrument :
 BNA_G
 ClientSampleId :
 SB7-12-7

Tgt Ion:172 Resp: 847283
 Ion Ratio Lower Upper
 172 100
 171 34.4 30.0 45.0
 170 23.2 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.662 ng
 RT: 14.65 min Scan# 1935
 Delta R.T. 0.42 min
 Lab File: BG035763.D
 Acq: 20 Jul 2018 00:01

Tgt Ion:165 Resp: 15498
 Ion Ratio Lower Upper
 165 100
 63 2.1 52.7 79.1#
 89 3.0 49.2 73.8#

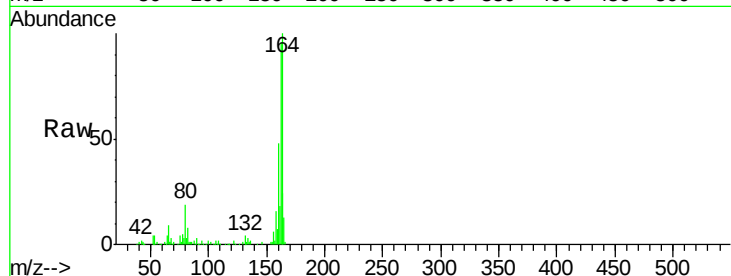




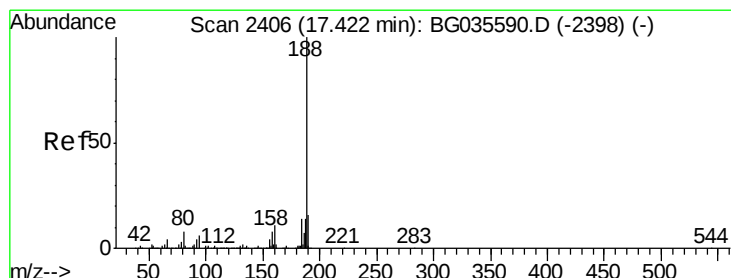
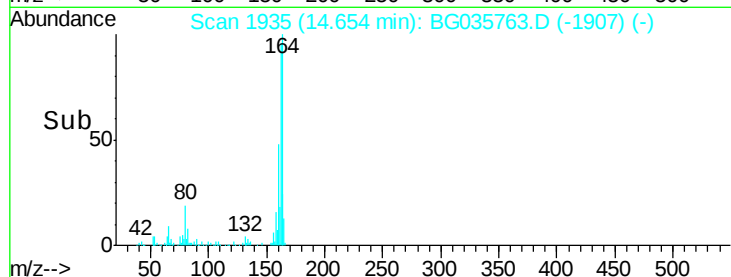
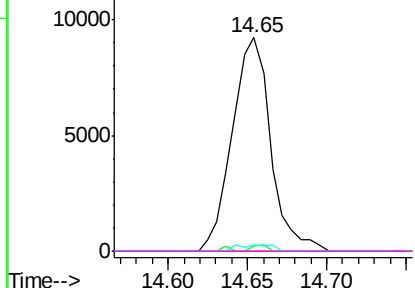
#56
 2,4-Dinitrotoluene
 Concen: 5.341 ng
 RT: 14.65 min Scan# 1935
 Delta R.T. -0.37 min
 Lab File: BG035763.D
 Acq: 20 Jul 2018 00:01

Instrument :
 BNA_G
 ClientSampleId :
 SB7-12-7

Tgt Ion:165 Resp: 15498
 Ion Ratio Lower Upper
 165 100
 63 2.1 42.0 63.0#
 89 3.0 66.9 100.3#
 182 0.0 2.6 3.8#

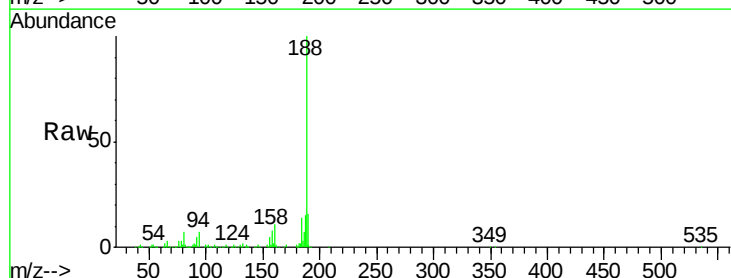


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

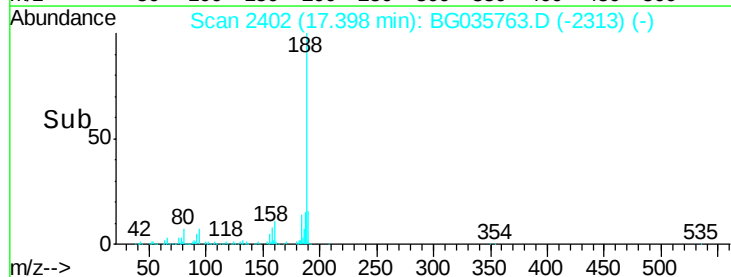
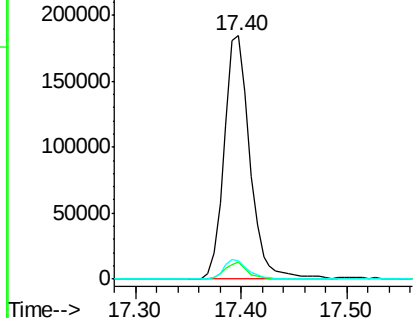


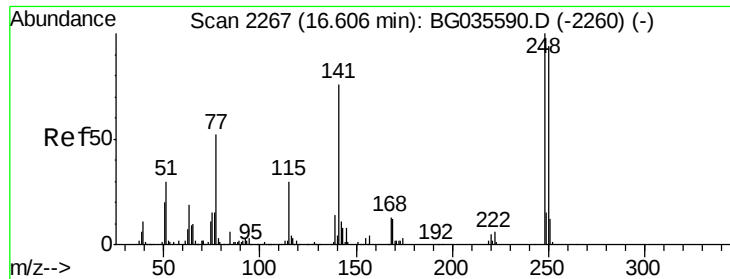
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2402
 Delta R.T. -0.01 min
 Lab File: BG035763.D
 Acq: 20 Jul 2018 00:01

Tgt Ion:188 Resp: 311159
 Ion Ratio Lower Upper
 188 100
 94 7.0 6.9 10.3
 80 7.3 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

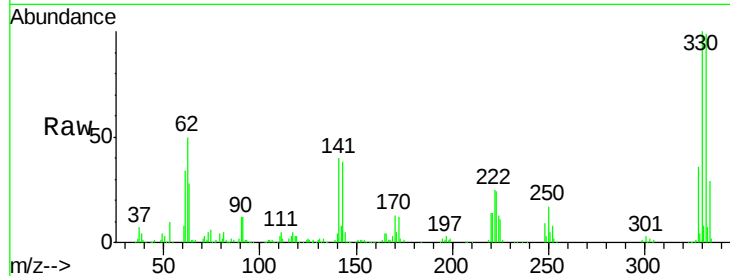




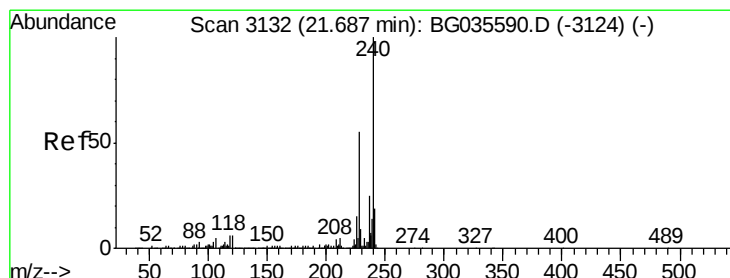
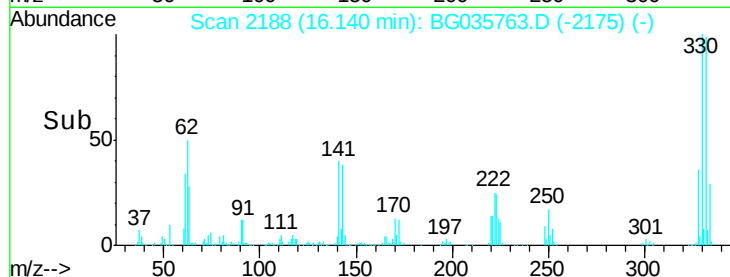
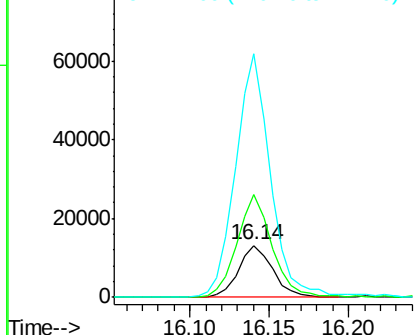
#66
4-Bromophenyl-phenylether
Concen: 5.413 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.45 min
Lab File: BG035763.D
Acq: 20 Jul 2018 00:01

Instrument :
BNA_G
ClientSampleId :
SB7-12-7

Tgt Ion:248 Resp: 19539
Ion Ratio Lower Upper
248 100
250 198.3 77.1 115.7#
141 468.5 50.8 76.2#

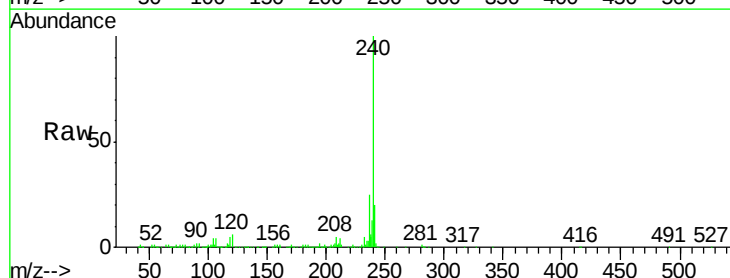


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

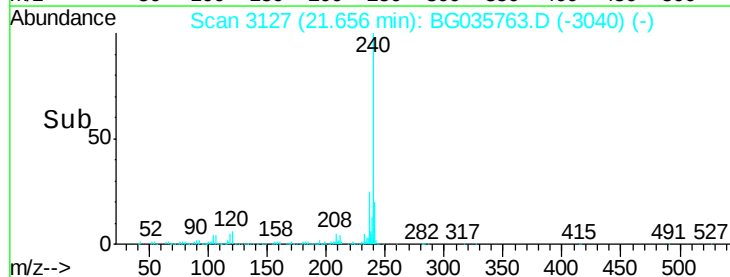
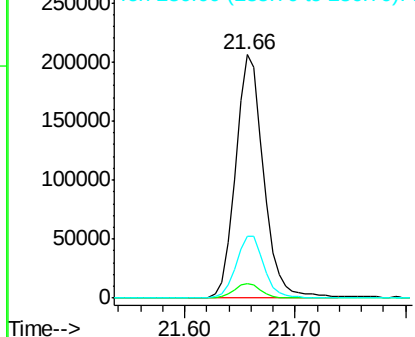


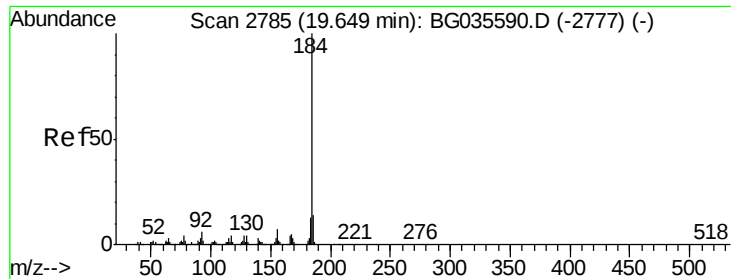
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BG035763.D
Acq: 20 Jul 2018 00:01

Tgt Ion:240 Resp: 367973
Ion Ratio Lower Upper
240 100
120 5.7 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

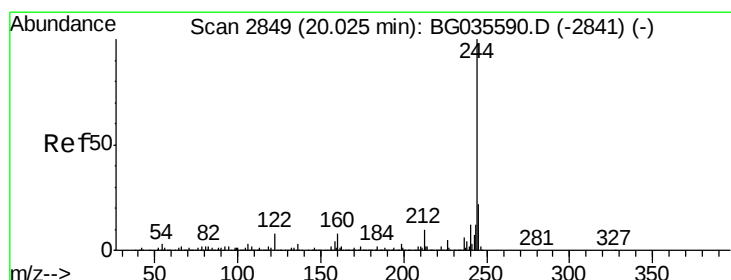
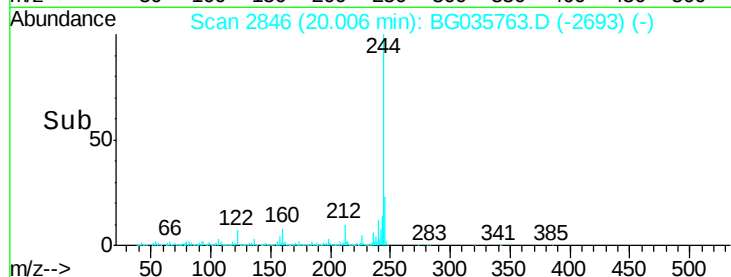
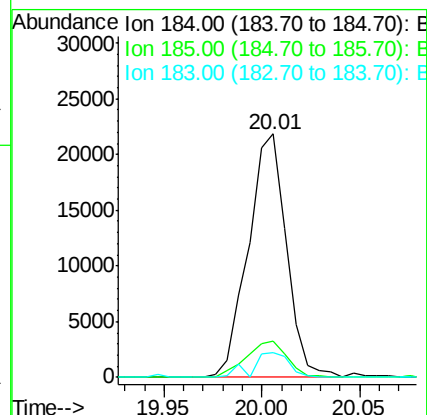
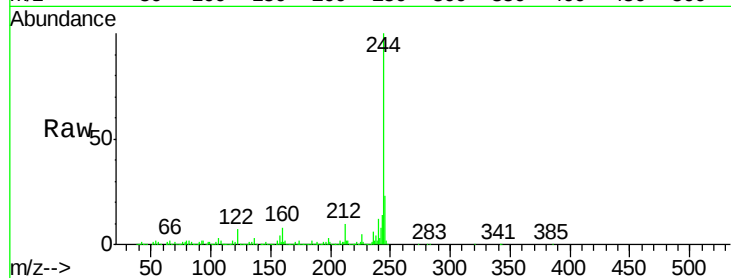




#76
Benzidine
Concen: 3.057 ng
RT: 20.01 min Scan# 2846
Delta R.T. 0.37 min
Lab File: BG035763.D
Acq: 20 Jul 2018 00:01

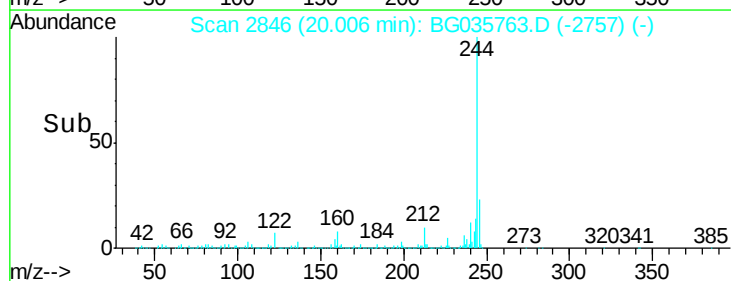
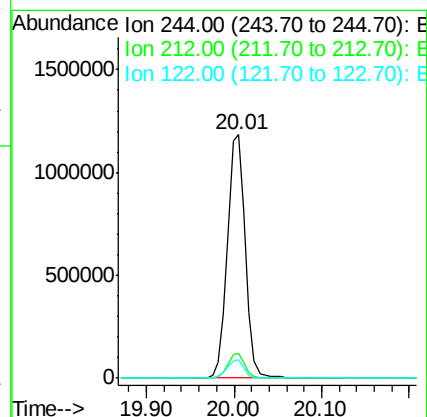
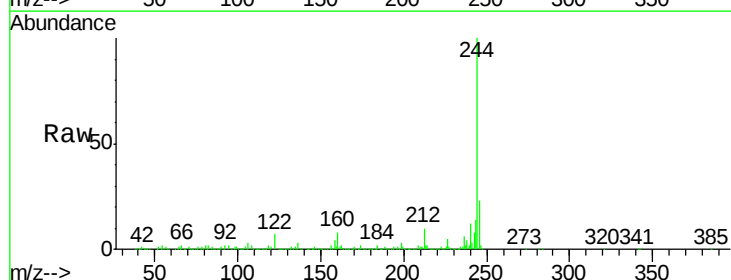
Instrument :
BNA_G
ClientSampleId :
SB7-12-7

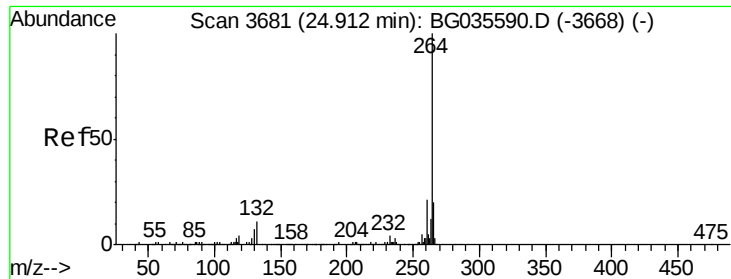
Tgt Ion:184 Resp: 29572
Ion Ratio Lower Upper
184 100
185 14.6 11.1 16.7
183 10.3 10.6 16.0#



#78
Terphenyl-d14
Concen: 100.827 ng
RT: 20.01 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BG035763.D
Acq: 20 Jul 2018 00:01

Tgt Ion:244 Resp: 1683148
Ion Ratio Lower Upper
244 100
212 9.9 5.8 8.8#
122 7.3 7.0 10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3672
Delta R.T. -0.02 min
Lab File: BG035763.D
Acq: 20 Jul 2018 00:01

Instrument :
BNA_G
ClientSampleId :
SB7-12-7

Tgt Ion: 264 Resp: 348750
Ion Ratio Lower Upper
264 100
260 22.8 17.4 26.0
265 22.2 17.7 26.5

