

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\
 Data File : BG035980.D
 Acq On : 30 Jul 2018 17:37
 Operator : JU/SJ
 Sample : J4196-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 31 00:54:48 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 25 11:04:14 2018
 Response via : Initial Calibration

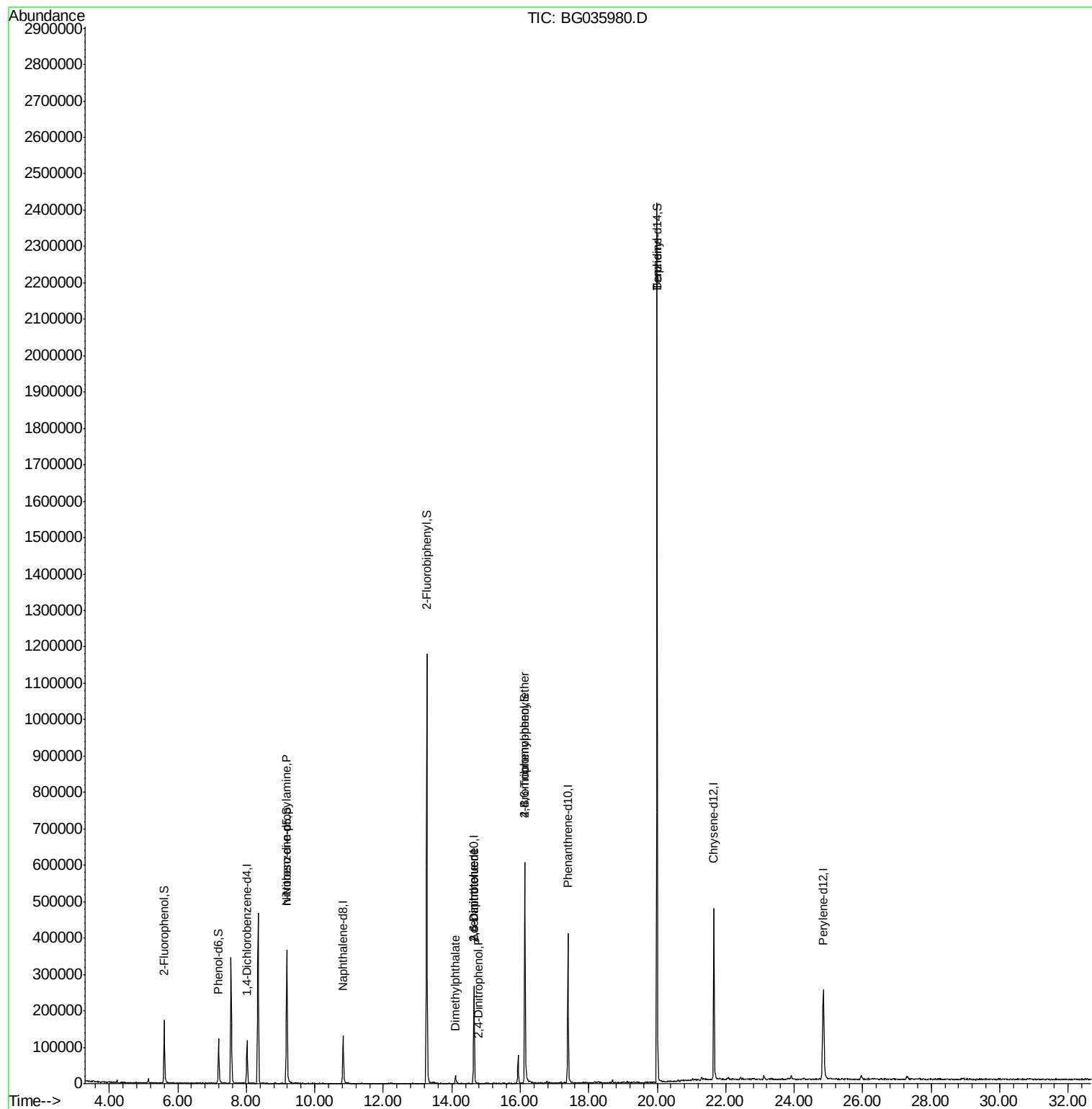
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	33050	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	123532	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	99542	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	290130	20.00	ng	0.00
75) Chrysene-d12	21.65	240	313806	20.00	ng	0.00
86) Perylene-d12	24.85	264	291995	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	80879	40.63	ng	0.00
7) Phenol-d6	7.19	99	83126	27.99	ng	0.00
23) Nitrobenzene-d5	9.19	82	263946	89.26	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	120184	91.60	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	662376	89.15	ng	0.00
78) Terphenyl-d14	19.99	244	1205016	84.65	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	37613	15.039	ng	# 69
49) Dimethylphthalate	14.11	163	23834	2.733	ng	# 94
50) 2,6-Dinitrotoluene	14.65	165	13426	7.560	ng	# 23
53) 2,4-Dinitrophenol	14.79	184	53	6.635	ng	# 1
56) 2,4-Dinitrotoluene	14.65	165	13426	5.269	ng	# 21
66) 4-Bromophenyl-phenylether	16.14	248	10062	2.989	ng	# 1
76) Benzidine	19.99	184	20451	2.479	ng	# 92

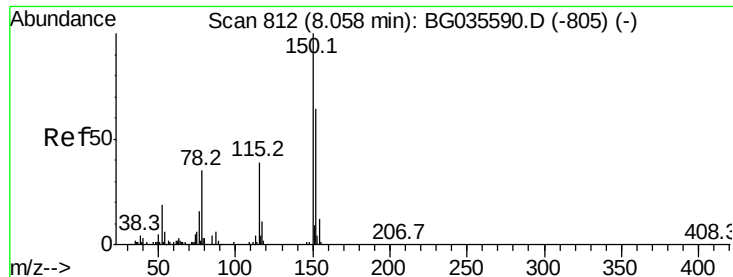
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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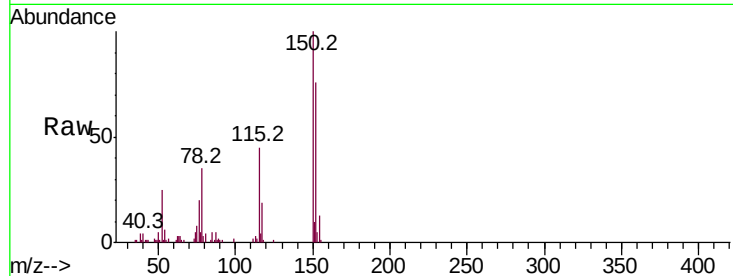


#1

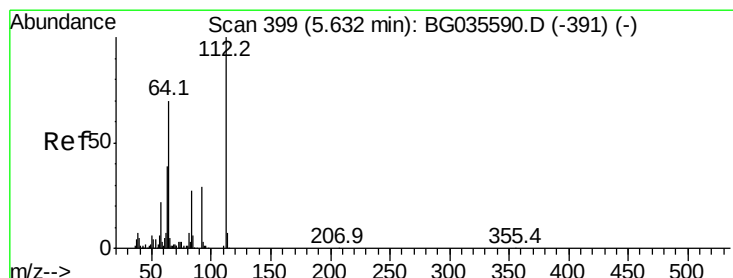
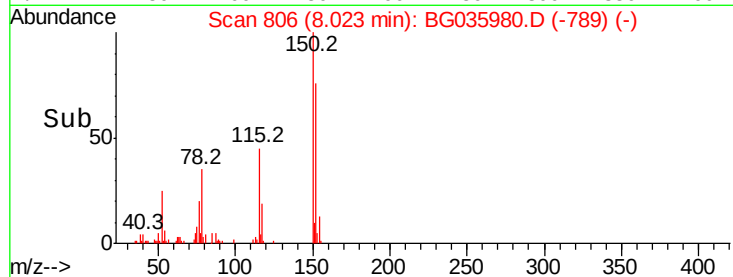
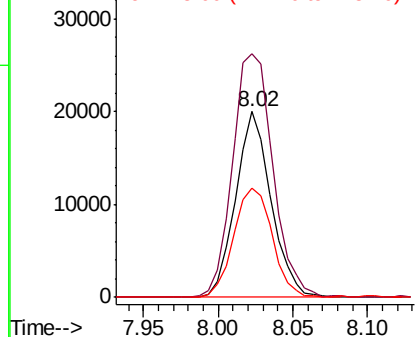
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035980.D
Acq: 30 Jul 2018 17:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	131.1	126.6	189.8
115	59.1	53.0	79.4



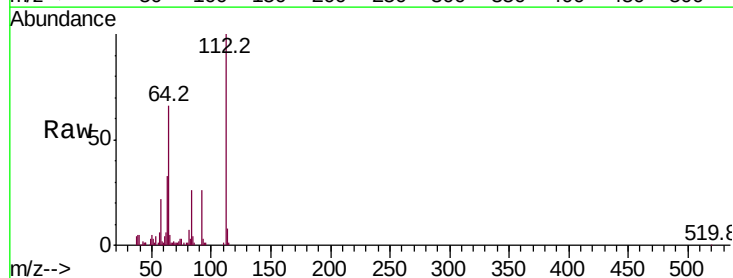
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



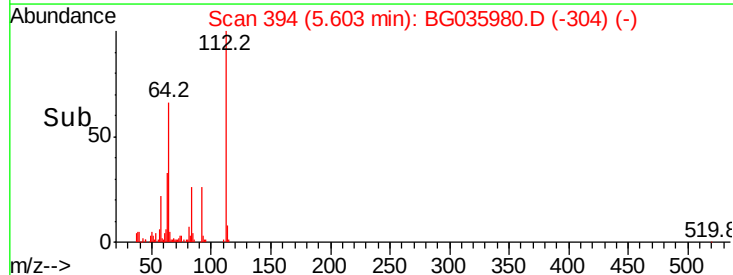
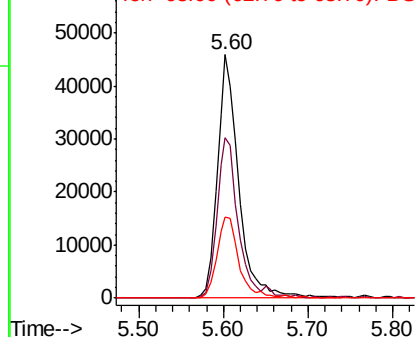
#5

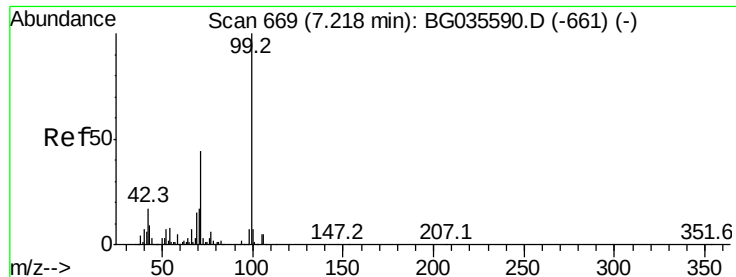
2-Fluorophenol
Concen: 40.629 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG035980.D
Acq: 30 Jul 2018 17:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.7	56.3	84.5
63	33.4	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 27.988 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG035980.D

Acq: 30 Jul 2018 17:37

Instrument :

BNA_G

ClientSampleId :

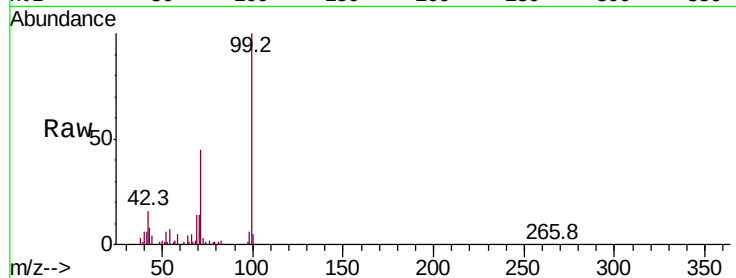
Tot Ion: 99 Resp: 83126

Ion Ratio Lower Upper

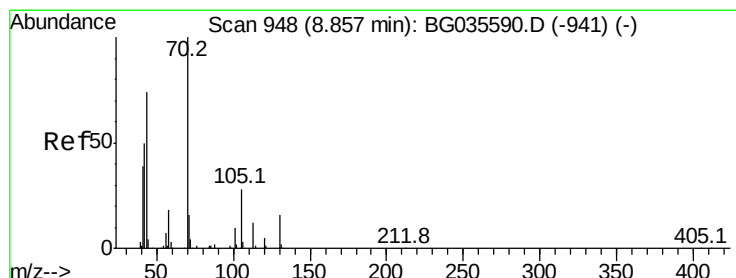
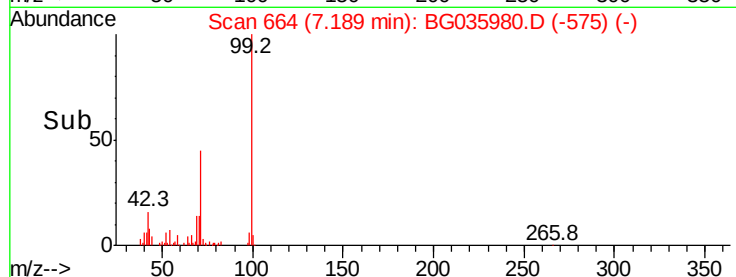
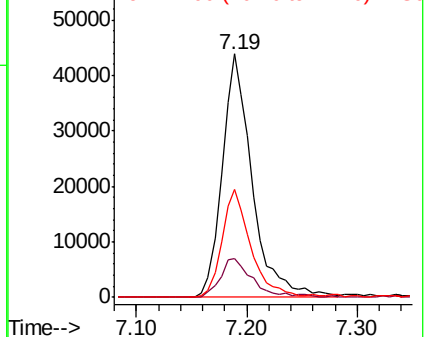
99 100

42 15.7 14.1 21.1

71 44.5 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: 15.039 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.35 min

Lab File: BG035980.D

Acq: 30 Jul 2018 17:37

Tgt Ion: 70 Resp: 37613

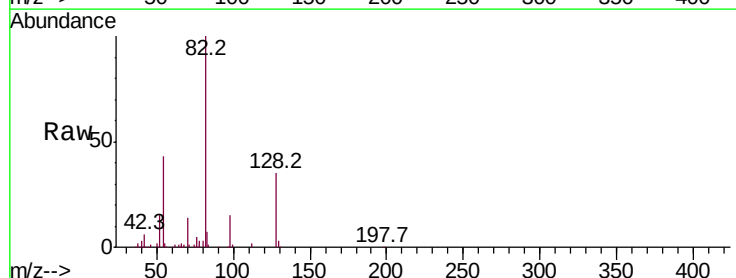
Ion Ratio Lower Upper

70 100

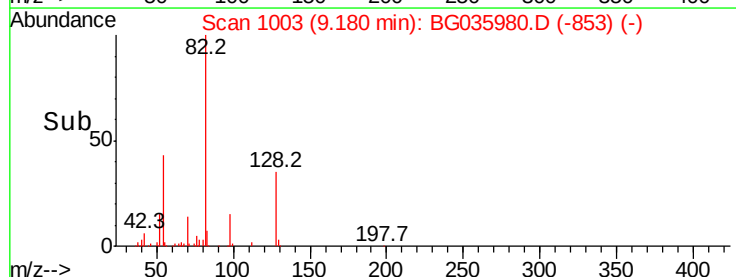
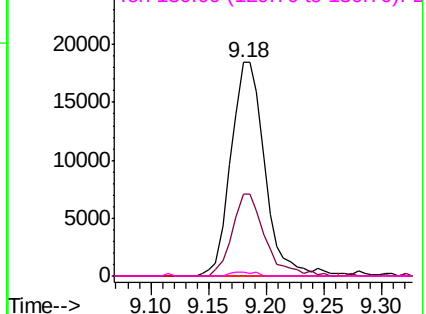
42 38.2 49.1 73.7#

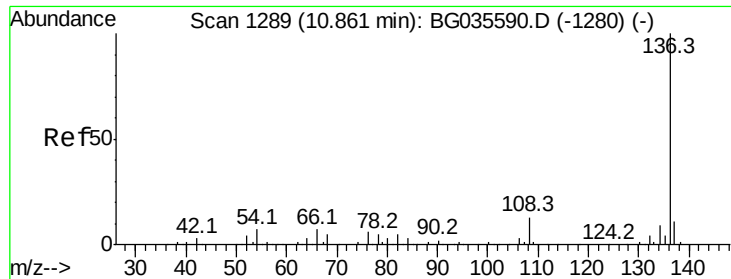
101 0.0 8.5 12.7#

130 1.6 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

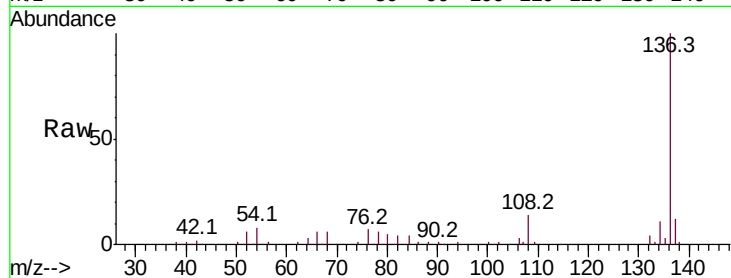




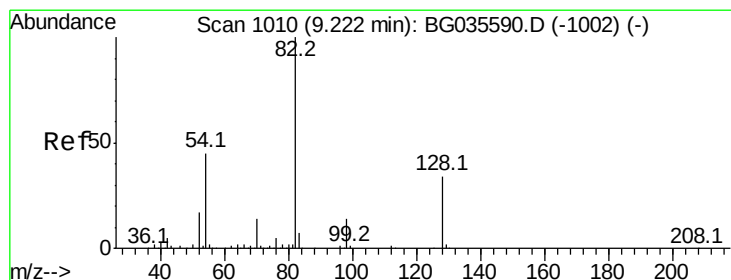
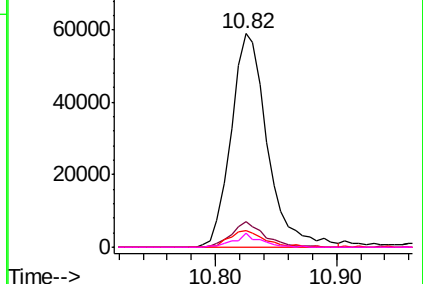
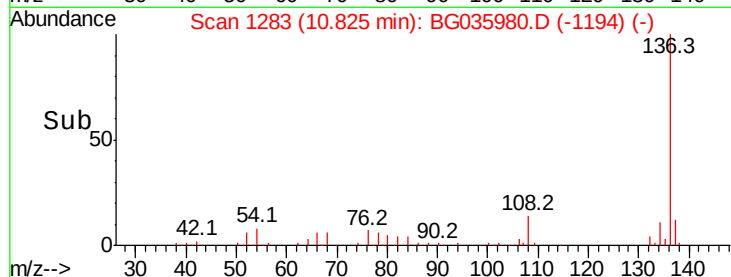
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG035980.D
Acq: 30 Jul 2018 17:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	123532
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	7.8	10.3	15.5
68	6.3	4.5	6.7

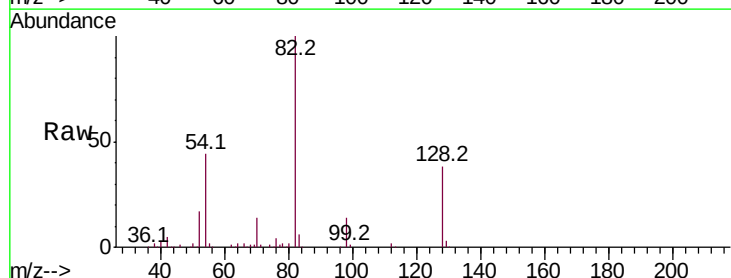


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

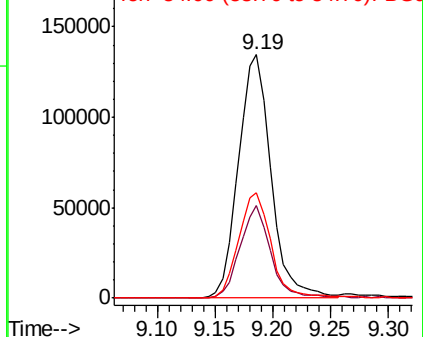
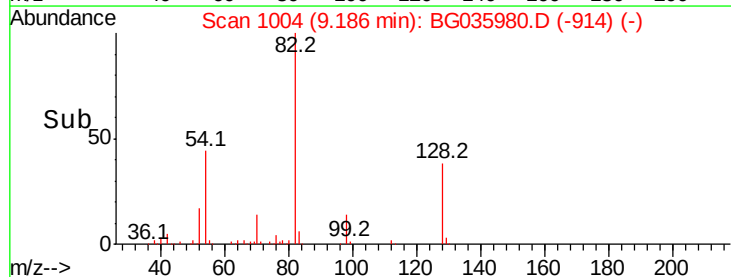


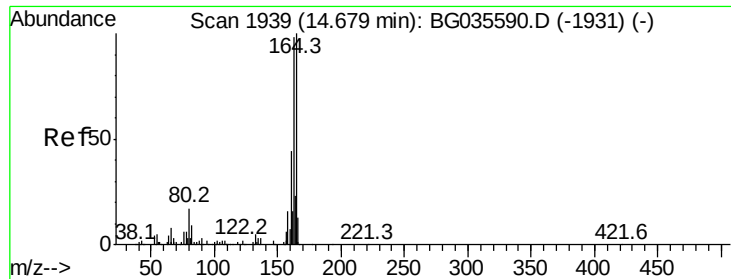
#23
Nitrobenzene-d5
Concen: 89.258 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035980.D
Acq: 30 Jul 2018 17:37

Tgt Ion:	82	Resp:	263946
Ion	Ratio	Lower	Upper
82	100		
128	37.8	29.7	44.5
54	43.5	43.1	64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG035980.D

Acq: 30 Jul 2018 17:37

Instrument :

BNA_G

ClientSampleId :

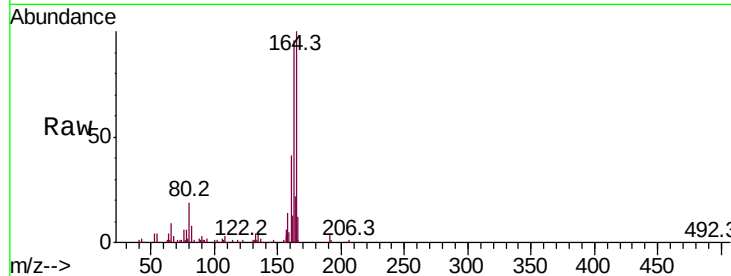
Tot Ion:164 Resp: 99542

Ion Ratio Lower Upper

164 100

162 95.7 78.8 118.2

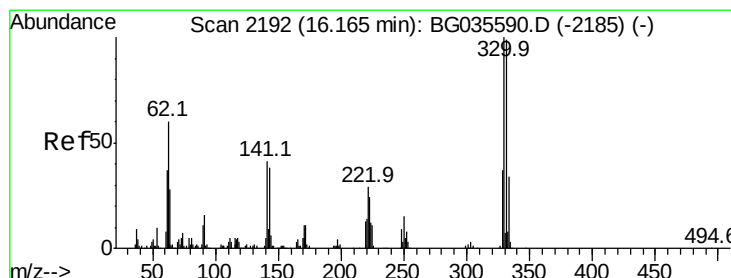
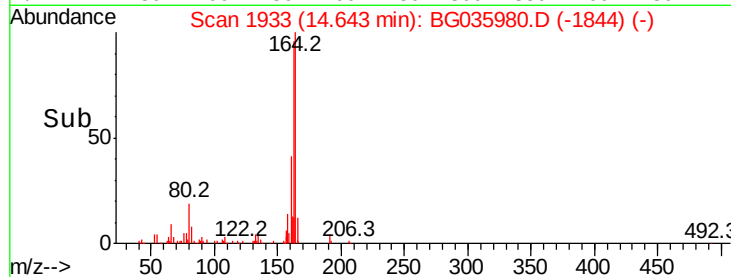
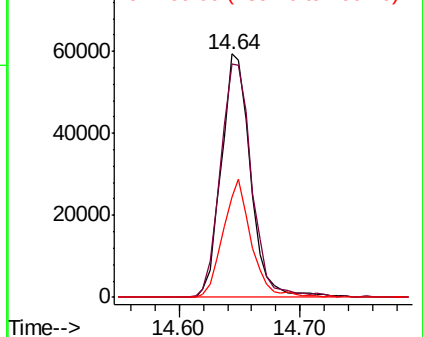
160 41.0 35.4 53.0



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: 91.602 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG035980.D

Acq: 30 Jul 2018 17:37

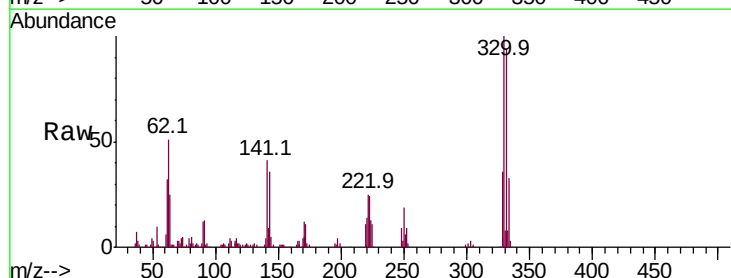
Tgt Ion:330 Resp: 120184

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

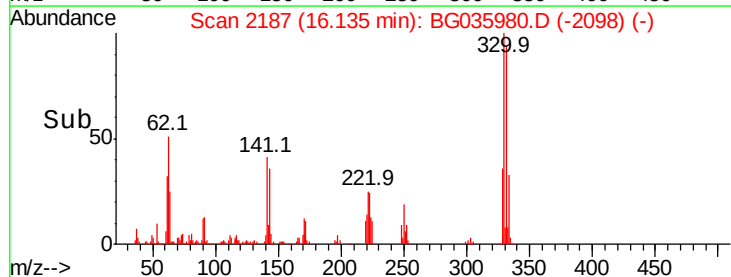
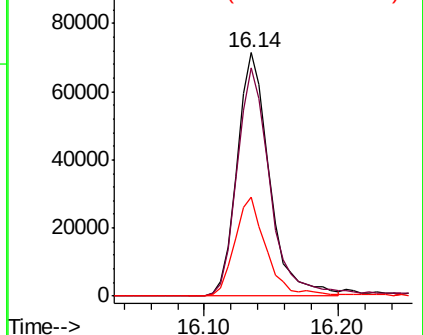
141 39.6 25.2 37.8#

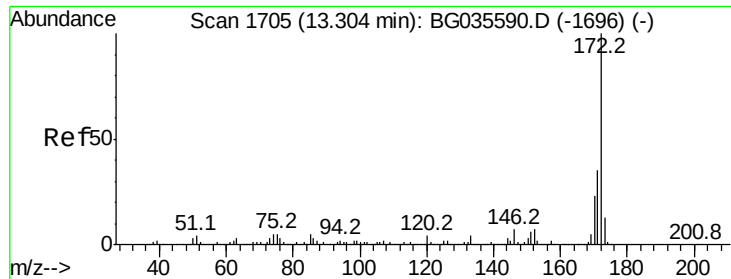


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

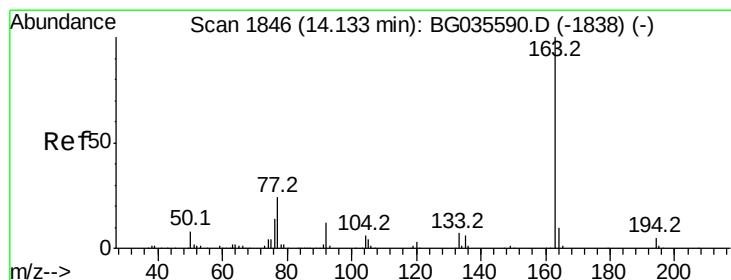
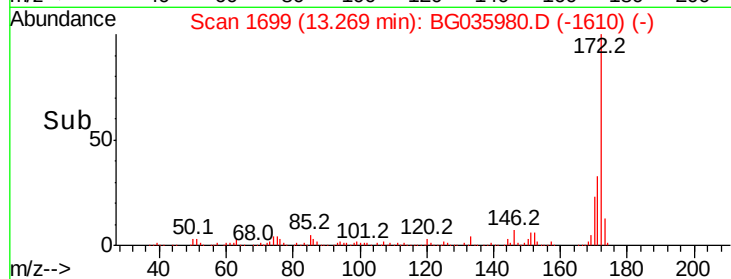
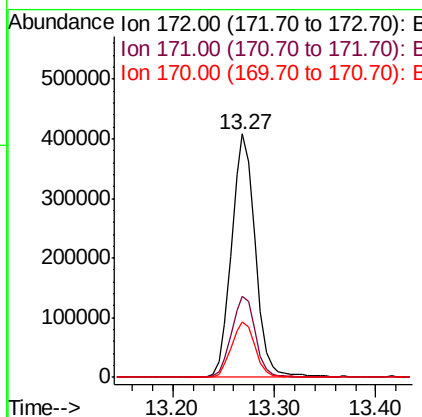
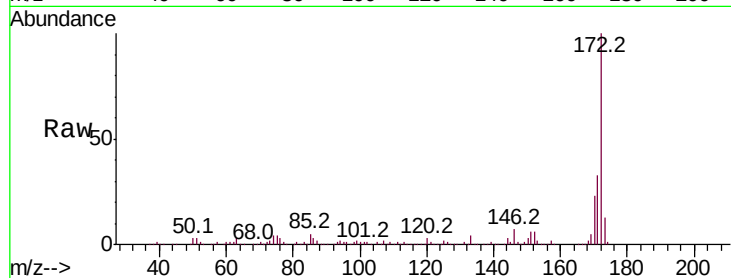




#44
2-Fluorobiphenyl
Concen: 89.150 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG035980.D
Acq: 30 Jul 2018 17:37

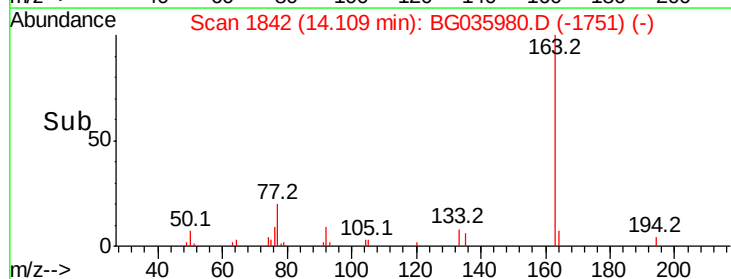
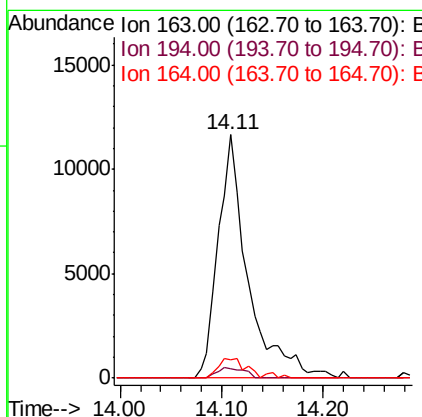
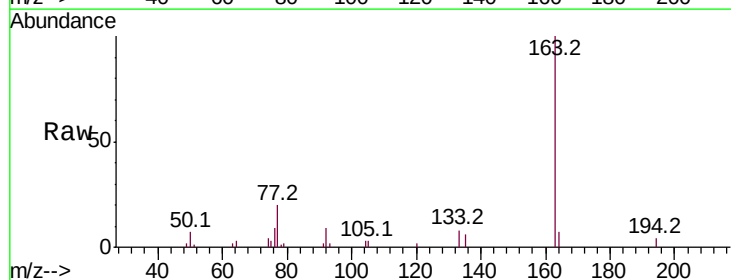
Instrument :
BNA_G
ClientSampled :

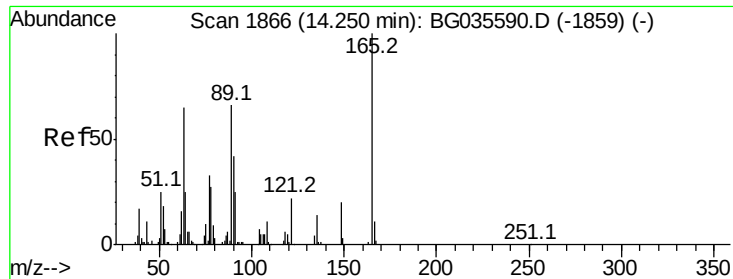
Tot Ion:172 Resp: 662376
Ion Ratio Lower Upper
172 100
171 33.1 30.0 45.0
170 22.6 19.5 29.3



#49
Dimethylphthalate
Concen: 2.733 ng
RT: 14.11 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BG035980.D
Acq: 30 Jul 2018 17:37

Tgt Ion:163 Resp: 23834
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.2
164 7.3 8.2 12.4#

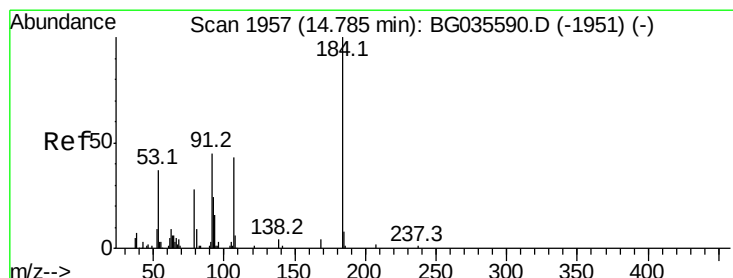
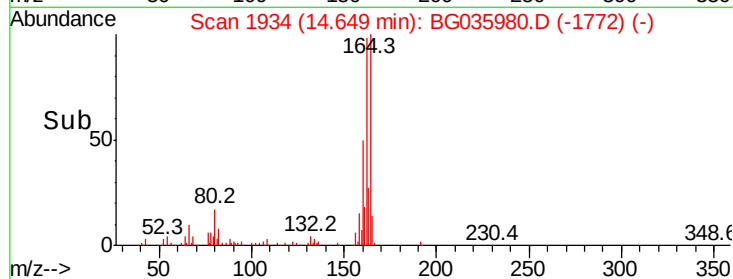
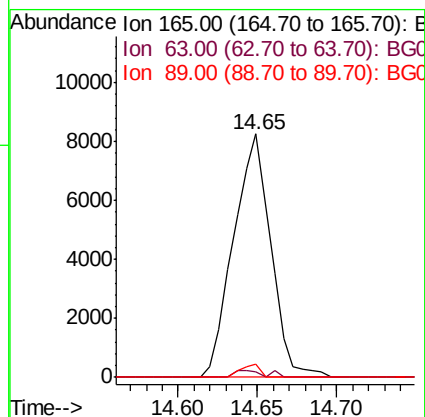
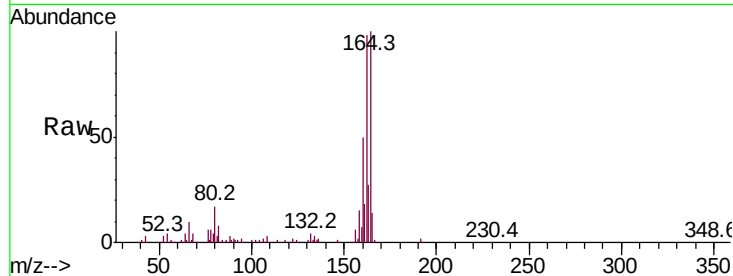




#50
2,6-Dinitrotoluene
Concen: 7.560 ng
RT: 14.65 min Scan# 1934
Delta R.T. 0.42 min
Lab File: BG035980.D
Acq: 30 Jul 2018 17:37

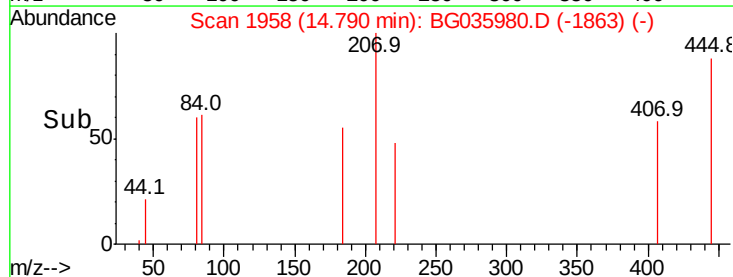
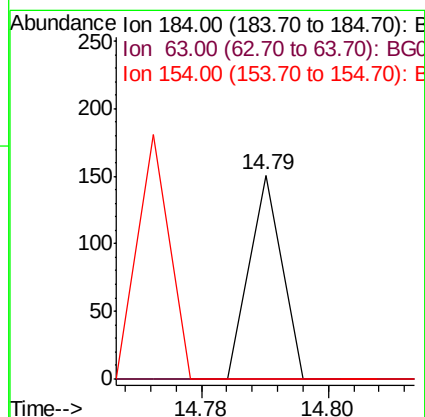
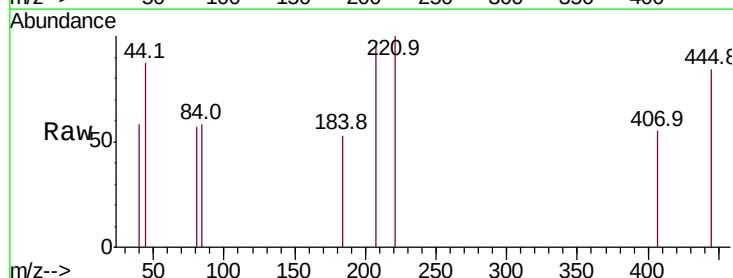
Instrument :
BNA_G
ClientSampleId :

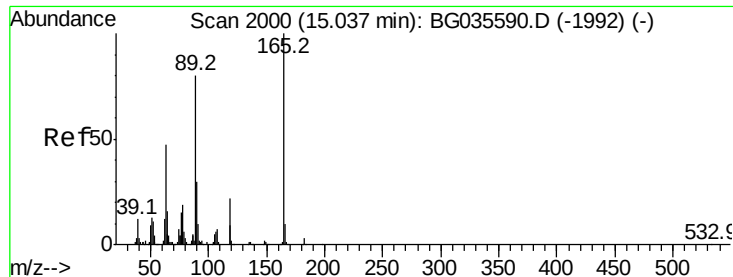
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.1	52.7	79.1#
89	5.4	49.2	73.8#



#53
2,4-Dinitrophenol
Concen: 6.635 ng
RT: 14.79 min Scan# 1958
Delta R.T. 0.03 min
Lab File: BG035980.D
Acq: 30 Jul 2018 17:37

Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	0.0	101.8	152.8#





#56

2,4-Dinitrotoluene

Concen: 5.269 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.37 min

Lab File: BG035980.D

Acq: 30 Jul 2018 17:37

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 13426

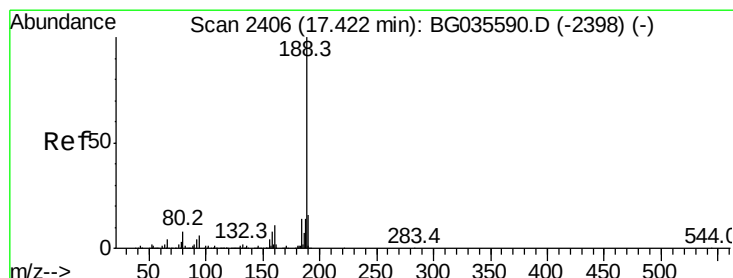
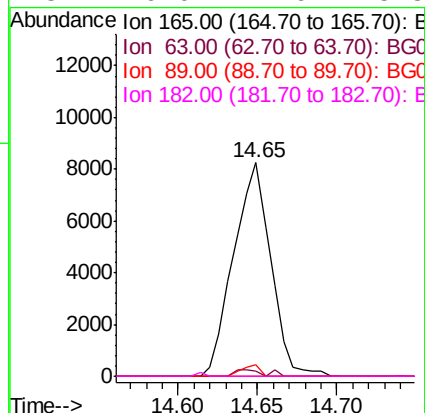
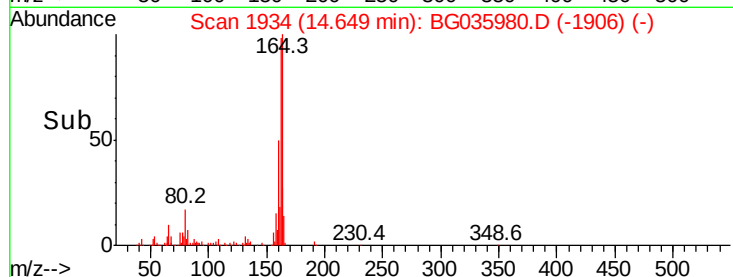
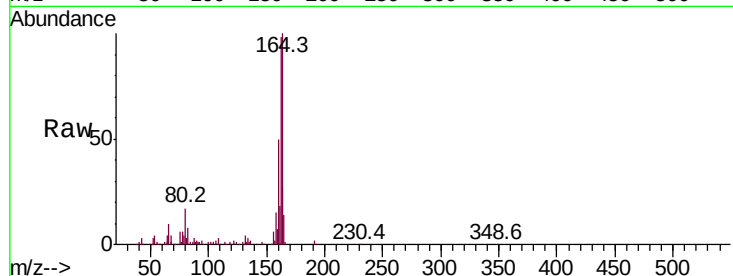
Ion Ratio Lower Upper

165 100

63 2.1 42.0 63.0#

89 5.4 66.9 100.3#

182 0.0 2.6 3.8#



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG035980.D

Acq: 30 Jul 2018 17:37

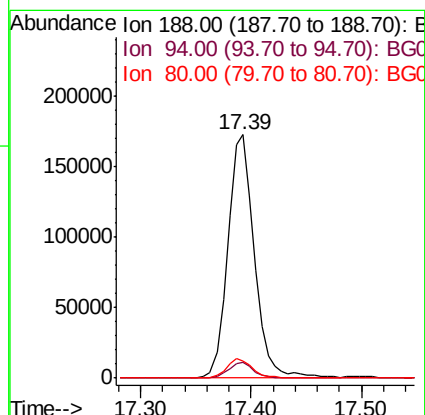
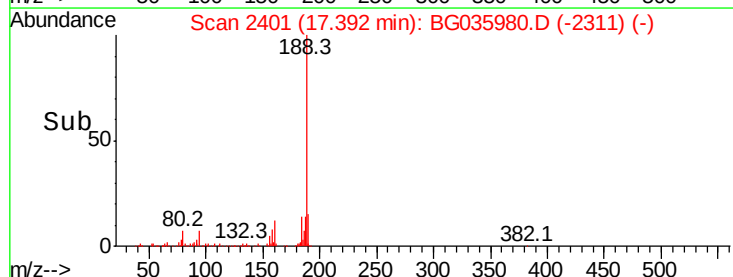
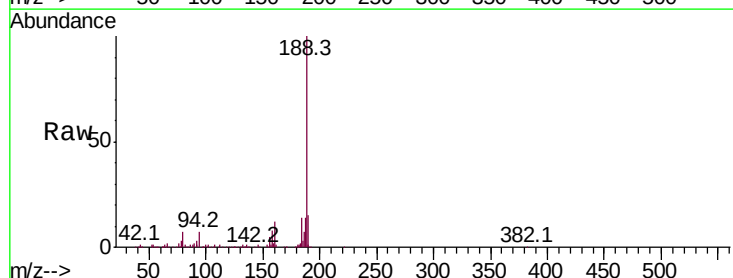
Tgt Ion:188 Resp: 290130

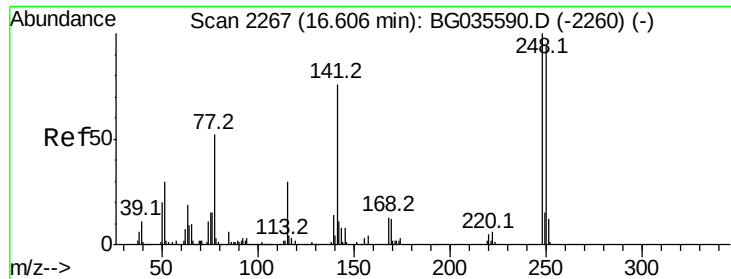
Ion Ratio Lower Upper

188 100

94 6.5 6.9 10.3#

80 7.3 7.7 11.5#

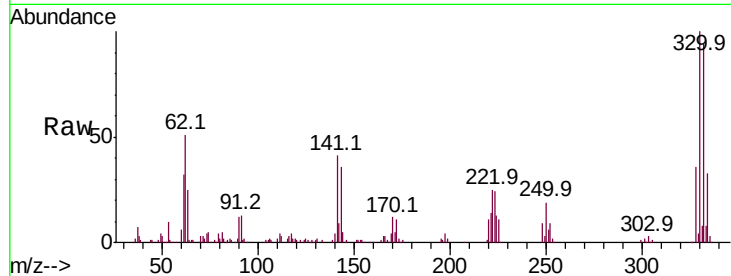




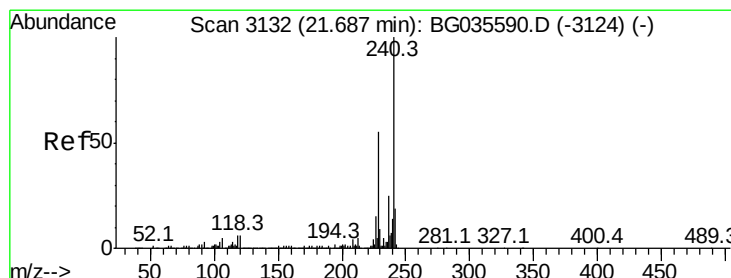
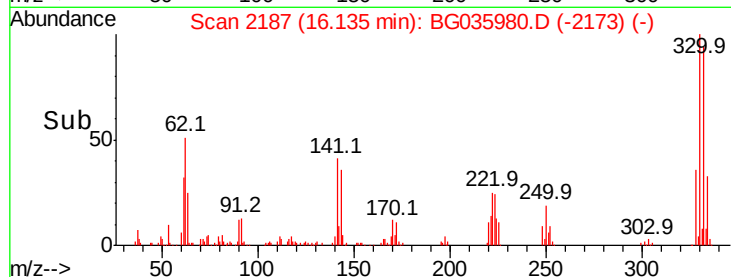
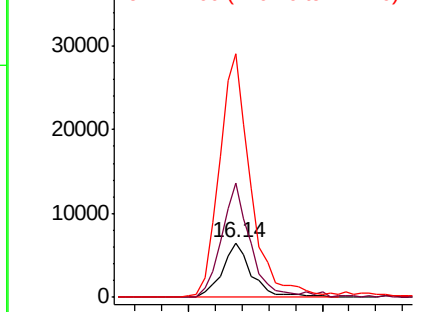
#66
 4-Bromophenyl-phenylether
 Concen: 2.989 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.45 min
 Lab File: BG035980.D
 Acq: 30 Jul 2018 17:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 10062
 Ion Ratio Lower Upper
 248 100
 250 209.1 77.1 115.7#
 141 444.8 50.8 76.2#

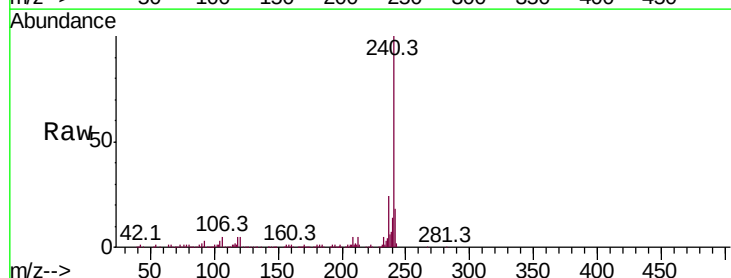


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

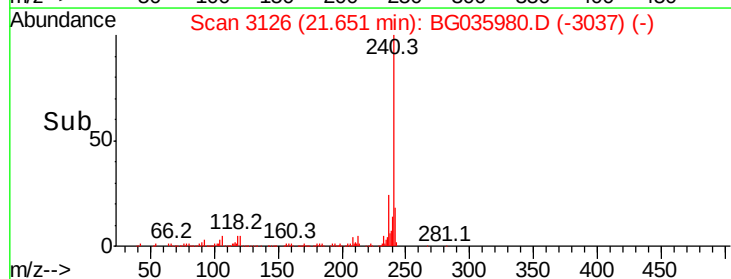
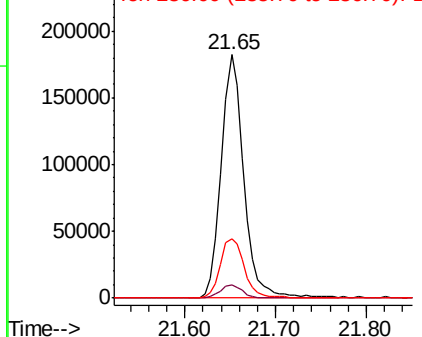


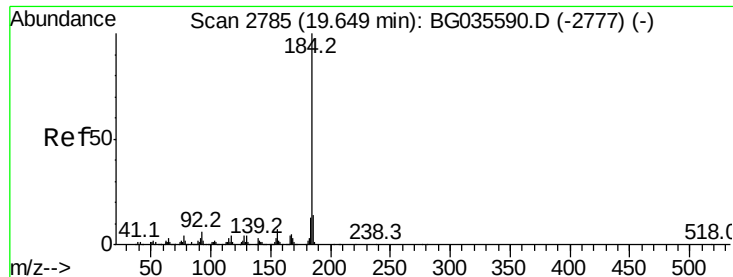
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. -0.01 min
 Lab File: BG035980.D
 Acq: 30 Jul 2018 17:37

Tgt Ion:240 Resp: 313806
 Ion Ratio Lower Upper
 240 100
 120 5.4 6.8 10.2#
 236 24.3 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: 2.479 ng

RT: 19.99 min Scan# 2844

Delta R.T. 0.37 min

Lab File: BG035980.D

Acq: 30 Jul 2018 17:37

Instrument :

BNA_G

ClientSampleId :

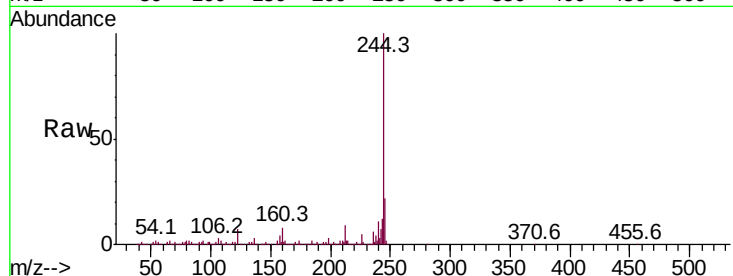
Tot Ion:184 Resp: 20451

Ion Ratio Lower Upper

184 100

185 16.6 11.1 16.7

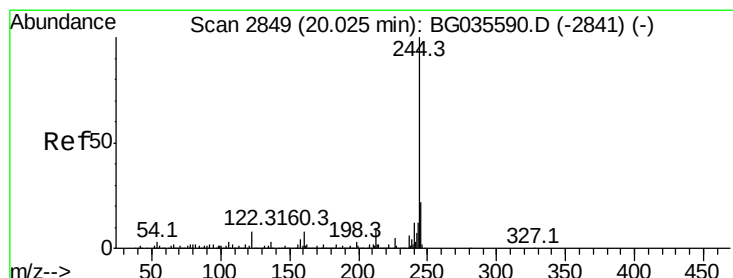
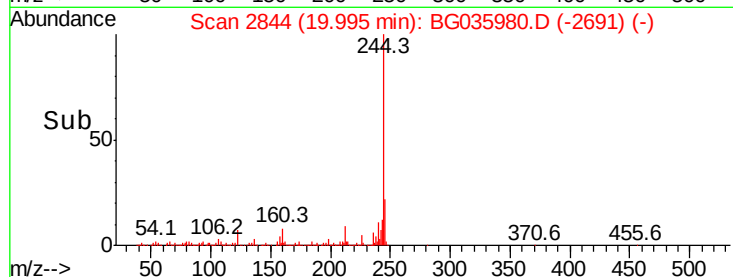
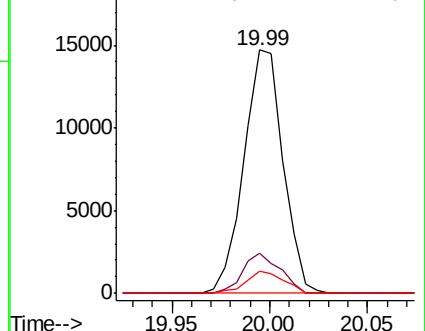
183 9.1 10.6 16.0#



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: 84.645 ng

RT: 19.99 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG035980.D

Acq: 30 Jul 2018 17:37

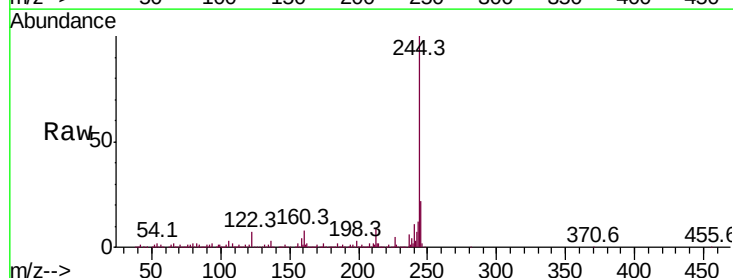
Tgt Ion:244 Resp: 1205016

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

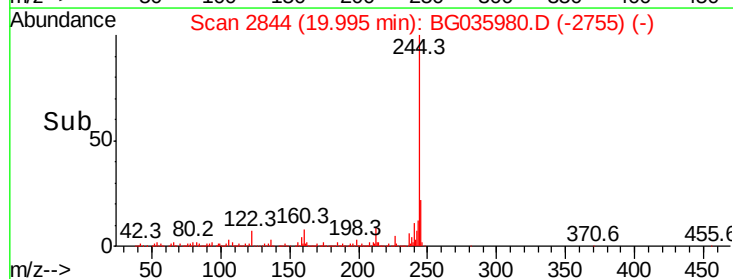
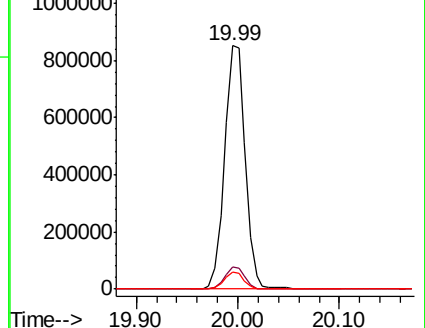
122 6.8 7.0 10.4#

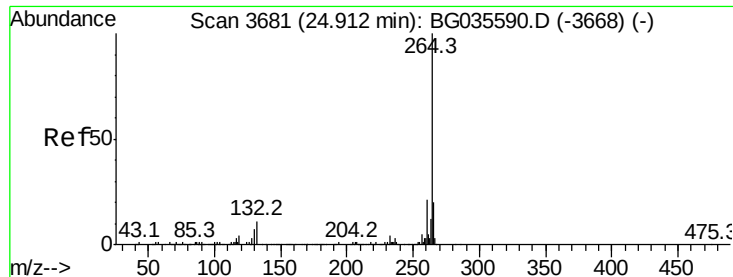


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.85 min Scan# 3670
Delta R.T. -0.01 min
Lab File: BG035980.D
Acq: 30 Jul 2018 17:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.4	26.0
265	21.7	17.7	26.5

