

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
 Data File : BG037005.D
 Acq On : 27 Sep 2018 6:52
 Operator : JU/SJ
 Sample : J5081-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 27 08:11:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

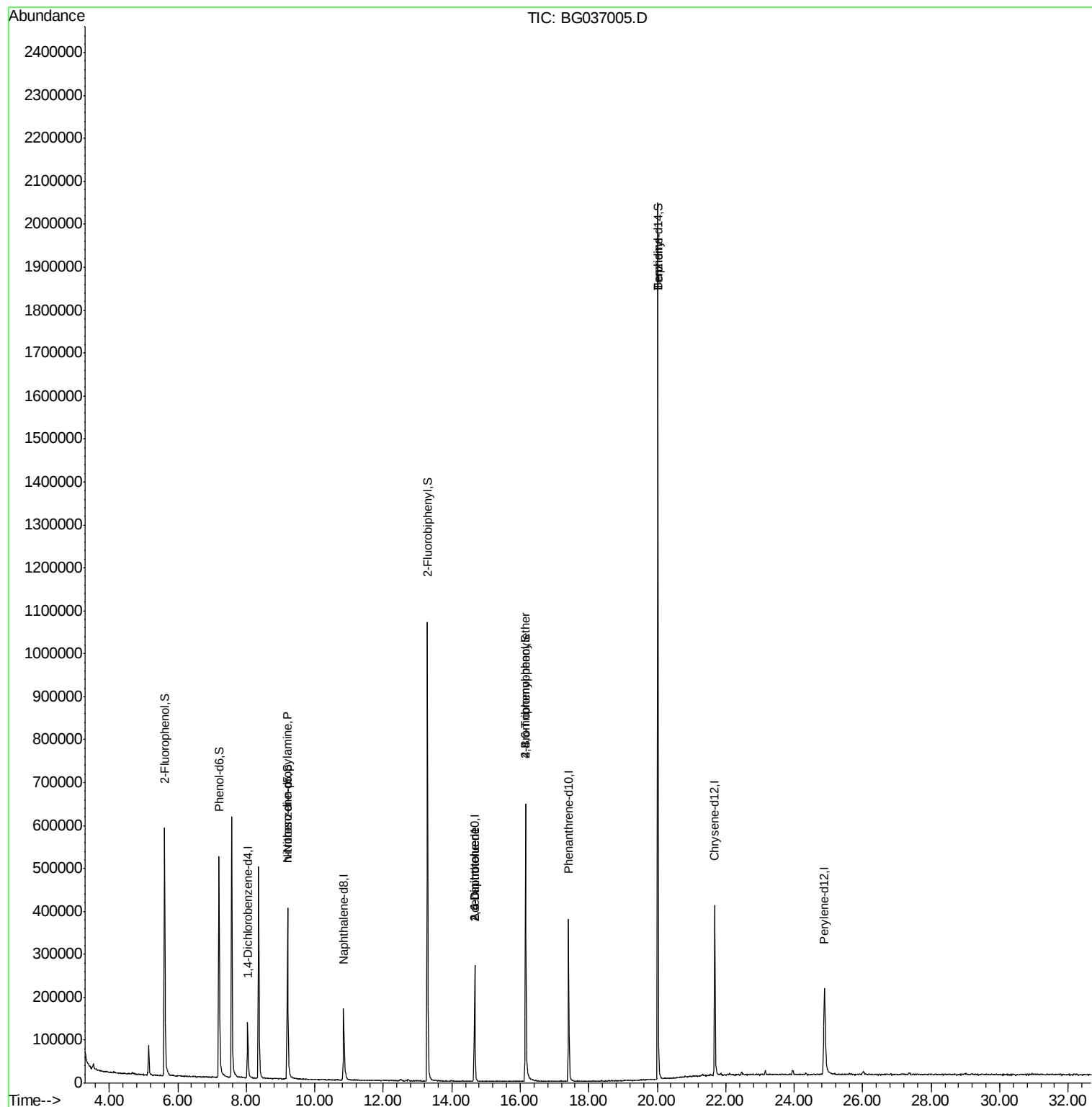
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	41647	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	169070	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	104434	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	259099	20.00	ng	0.00
75) Chrysene-d12	21.68	240	274844	20.00	ng	-0.01
86) Perylene-d12	24.88	264	262307	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	264908	121.99	ng	0.00
7) Phenol-d6	7.20	99	330470	98.36	ng	-0.01
23) Nitrobenzene-d5	9.20	82	282637	89.52	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	134401	107.56	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	600812	85.69	ng	-0.01
78) Terphenyl-d14	20.02	244	1022704	97.84	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	39773	14.230	ng	# 73
50) 2,6-Dinitrotoluene	14.66	165	13234	7.216	ng	# 20
56) 2,4-Dinitrotoluene	14.66	165	13234	5.171	ng	# 18
66) 4-Bromophenyl-phenylether	16.15	248	9260	3.142	ng	# 1
76) Benzidine	20.01	184	17418	2.096	ng	# 92

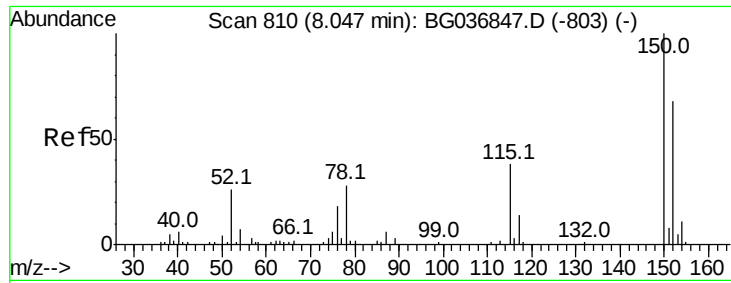
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
Data File : BG037005.D
Acq On : 27 Sep 2018 6:52
Operator : JU/SJ
Sample : J5081-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 27 08:11:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration



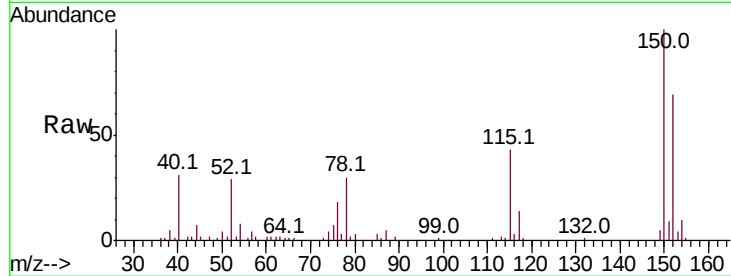


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BG037005.D
 Acq: 27 Sep 2018 6:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.1	119.5	179.3
115	61.8	44.5	66.7

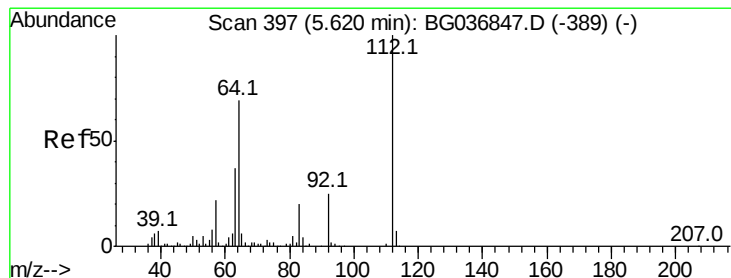
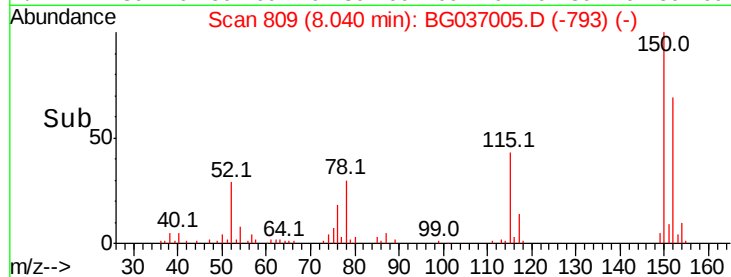
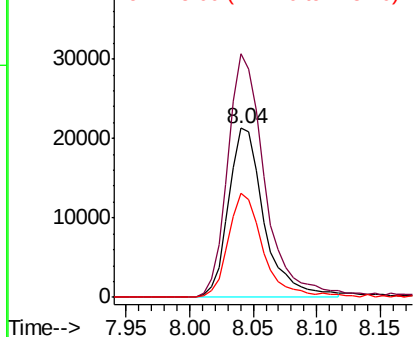


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

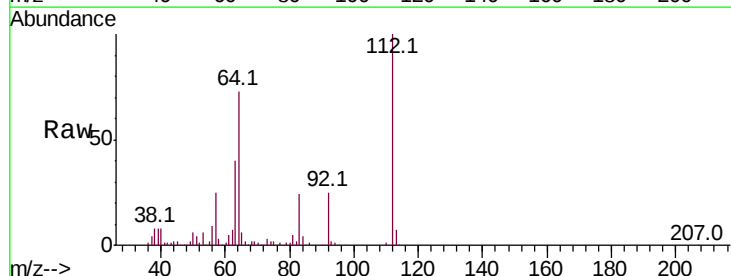
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 121.986 ng
 RT: 5.61 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BG037005.D
 Acq: 27 Sep 2018 6:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.1	57.2	85.8
63	39.7	30.8	46.2

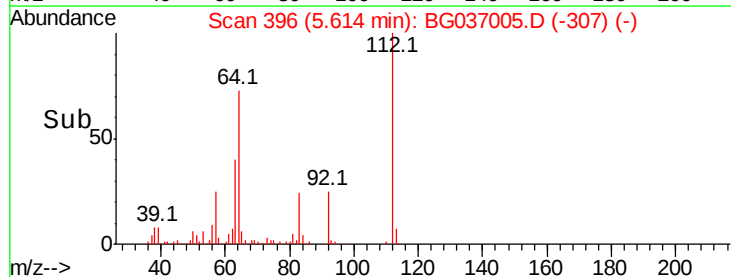
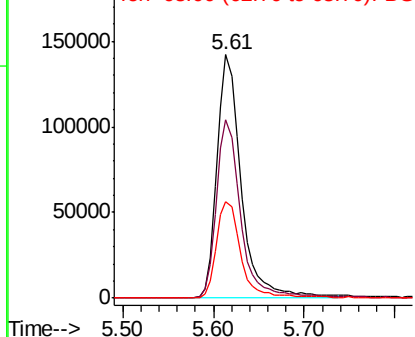


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 98.358 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037005.D

Acq: 27 Sep 2018 6:52

Instrument :

BNA_G

ClientSampleId :

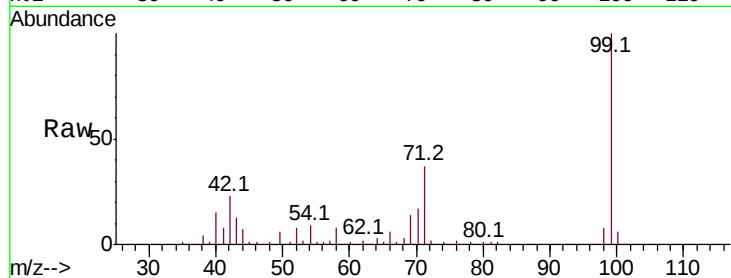
Tot Ion: 99 Resp: 330470

Ion Ratio Lower Upper

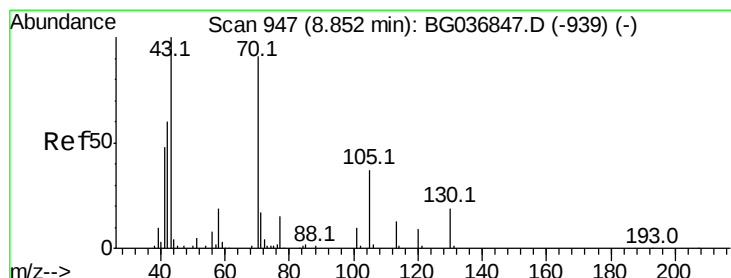
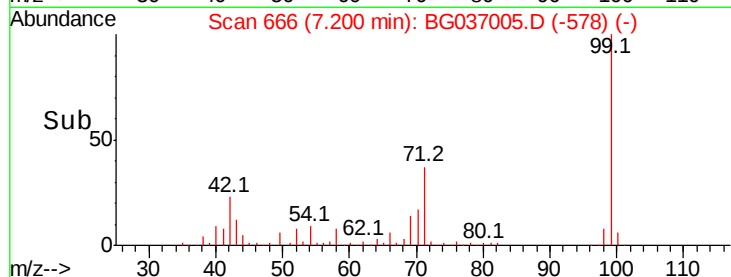
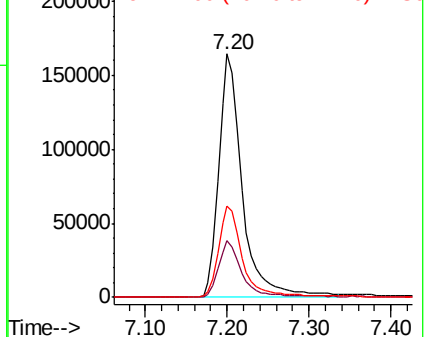
99 100

42 23.1 16.5 24.7

71 37.3 29.4 44.2



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: 14.230 ng

RT: 9.20 min Scan# 1007

Delta R.T. 0.35 min

Lab File: BG037005.D

Acq: 27 Sep 2018 6:52

Tgt Ion: 70 Resp: 39773

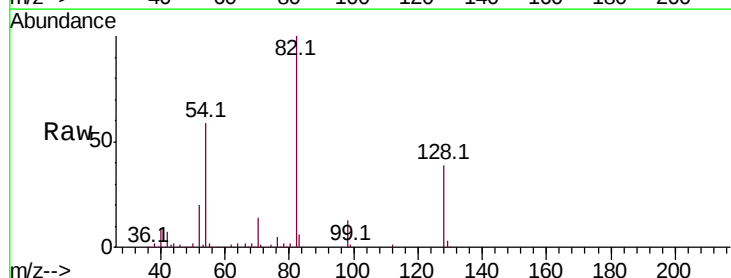
Ion Ratio Lower Upper

70 100

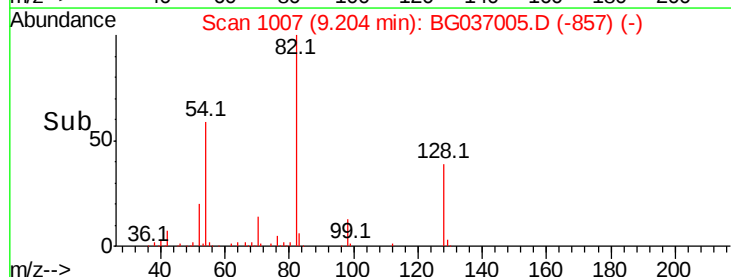
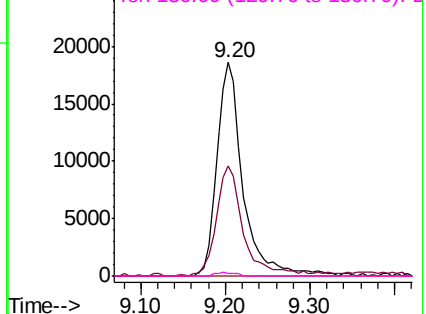
42 51.7 56.2 84.4#

101 0.0 7.8 11.6#

130 1.5 16.2 24.2#



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# 1286

Delta R.T. -0.01 min

Lab File: BG037005.D

Acq: 27 Sep 2018 6:52

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 169070

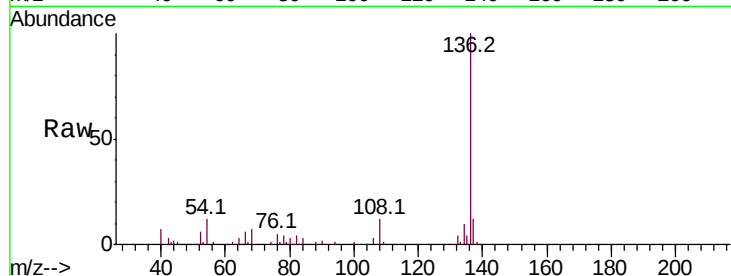
Ion Ratio Lower Upper

136 100

137 11.7 8.8 13.2

54 11.8 9.2 13.8

68 7.3 5.8 8.6

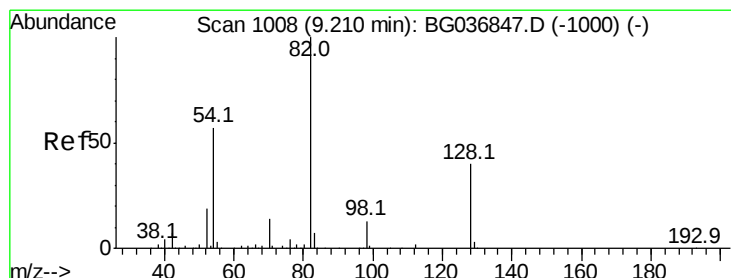
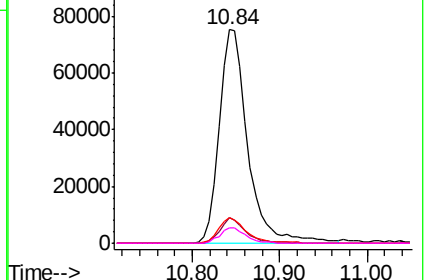
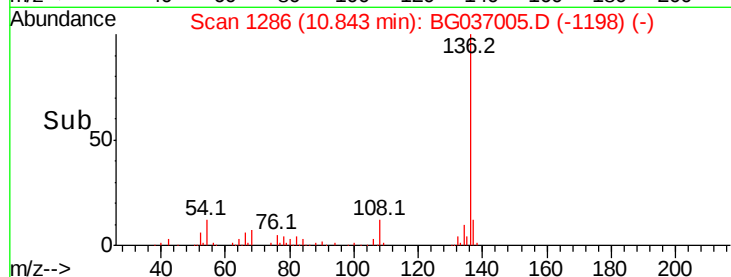


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 89.522 ng

RT: 9.20 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BG037005.D

Acq: 27 Sep 2018 6:52

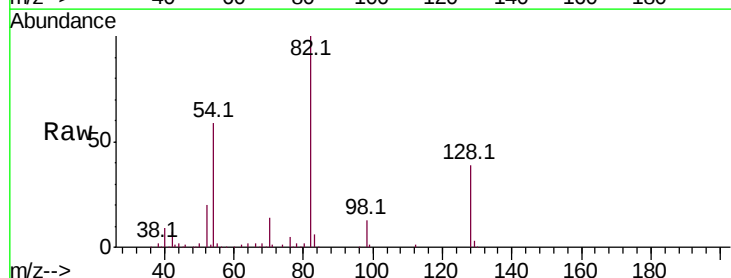
Tgt Ion: 82 Resp: 282637

Ion Ratio Lower Upper

82 100

128 39.3 33.3 49.9

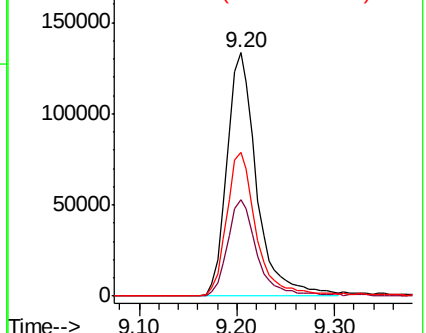
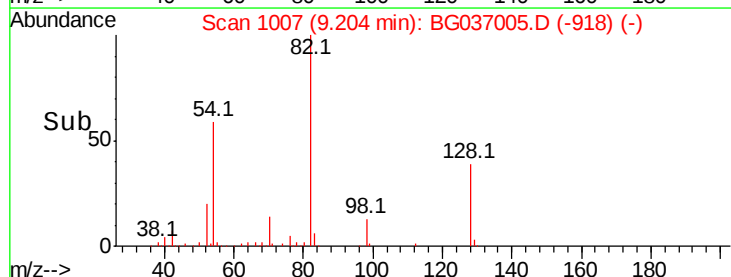
54 58.9 45.1 67.7

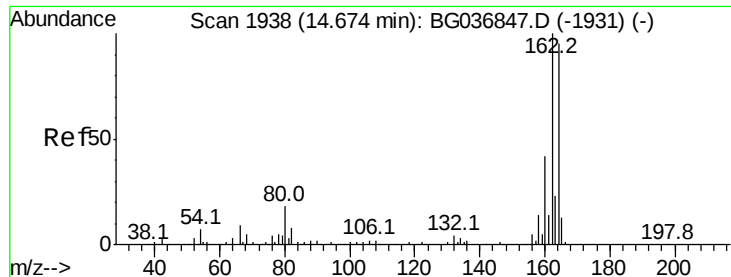


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG037005.D

Acq: 27 Sep 2018 6:52

Instrument :

BNA_G

ClientSampleId :

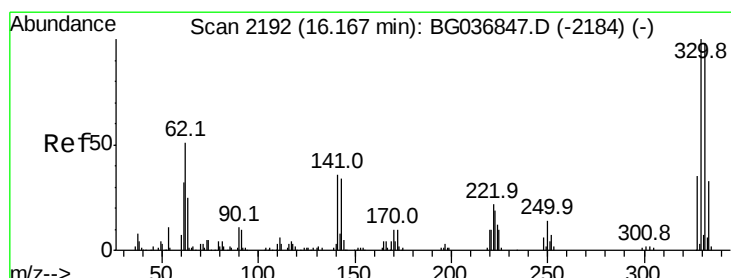
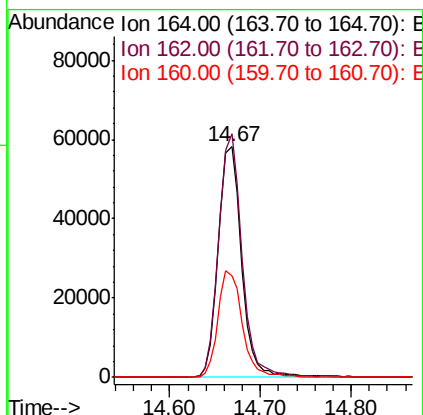
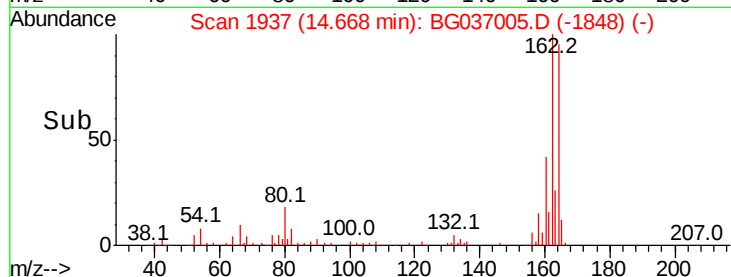
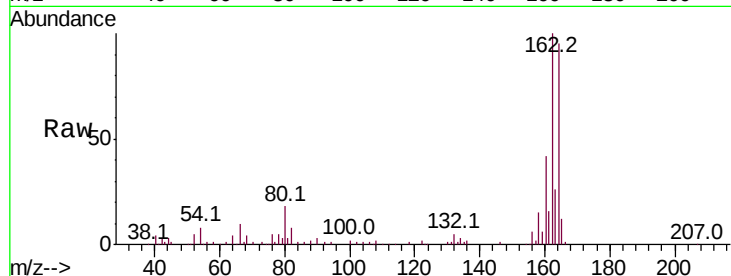
Tot Ion:164 Resp: 104434

Ion Ratio Lower Upper

164 100

162 105.6 80.7 121.1

160 44.1 35.3 52.9



#41

2,4,6-Tribromophenol

Concen: 107.565 ng

RT: 16.15 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG037005.D

Acq: 27 Sep 2018 6:52

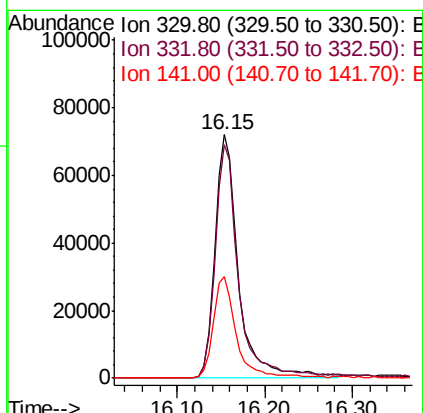
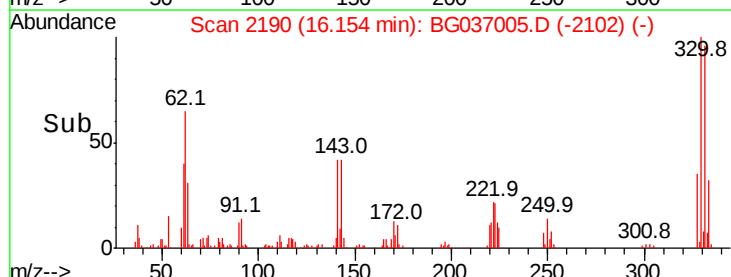
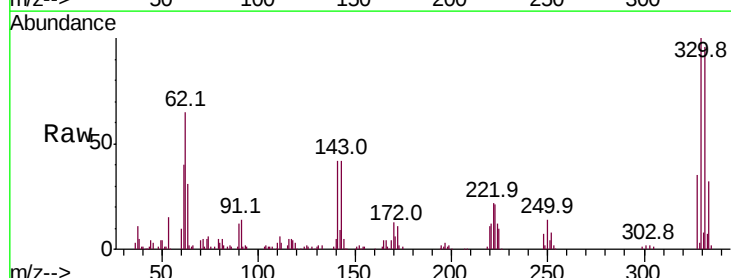
Tgt Ion:330 Resp: 134401

Ion Ratio Lower Upper

330 100

332 94.8 75.4 113.2

141 41.0 30.7 46.1

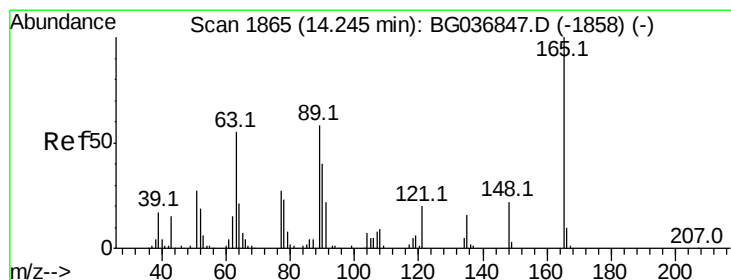
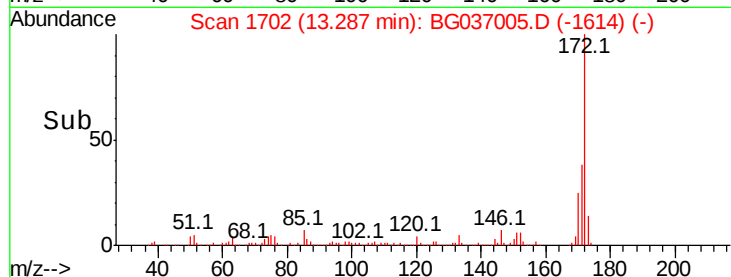
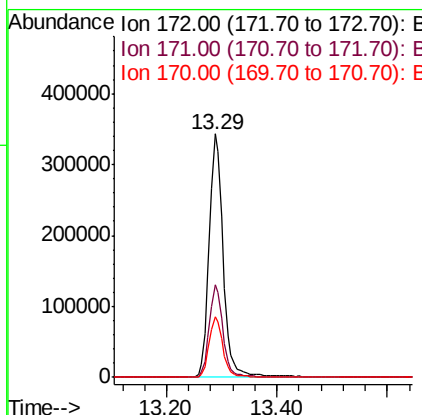
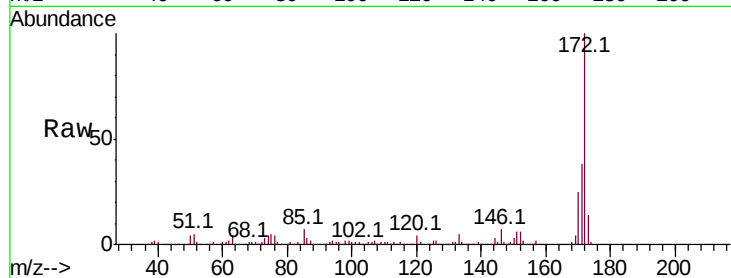




#44
2-Fluorobiphenyl
Concen: 85.685 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG037005.D
Acq: 27 Sep 2018 6:52

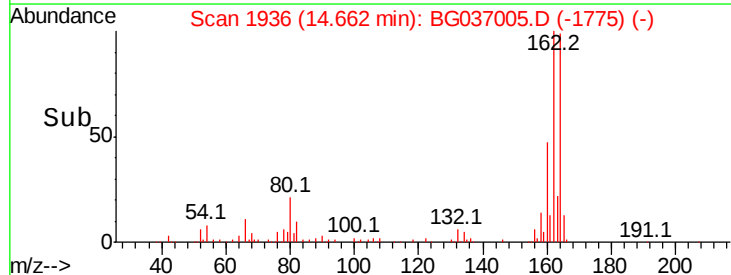
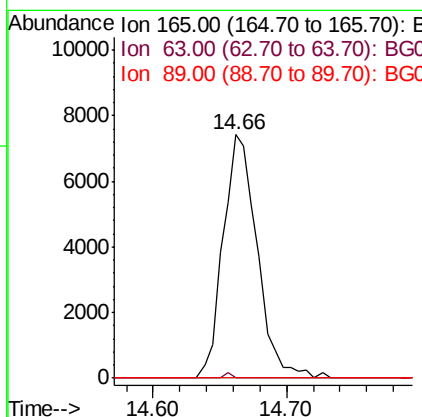
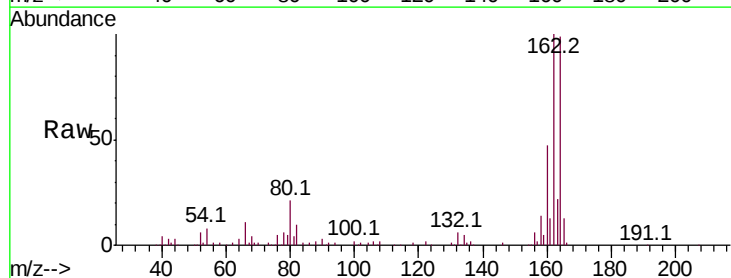
Instrument :
BNA_G
ClientSampleId :

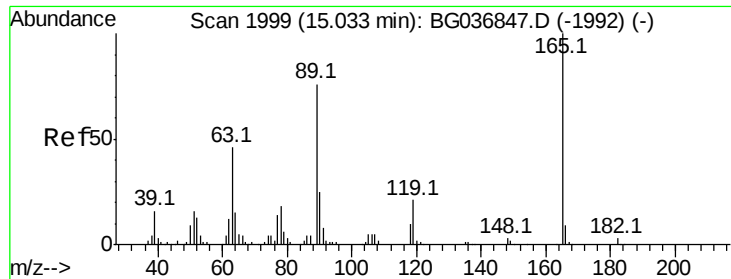
Tot Ion:172 Resp: 600812
Ion Ratio Lower Upper
172 100
171 37.9 31.3 46.9
170 24.8 21.0 31.6



#50
2,6-Dinitrotoluene
Concen: 7.216 ng
RT: 14.66 min Scan# 1936
Delta R.T. 0.42 min
Lab File: BG037005.D
Acq: 27 Sep 2018 6:52

Tgt Ion:165 Resp: 13234
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 0.0 47.8 71.6#

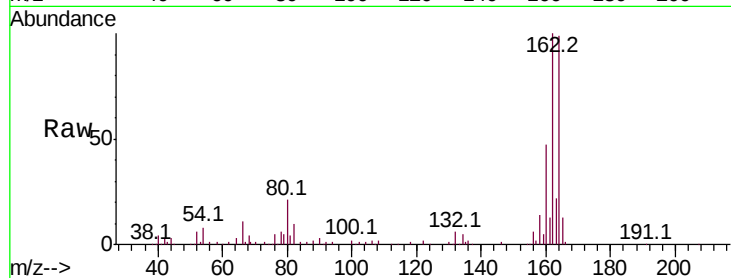




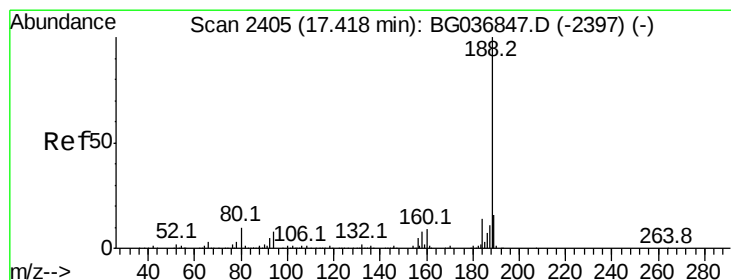
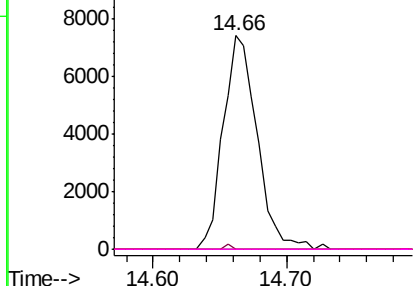
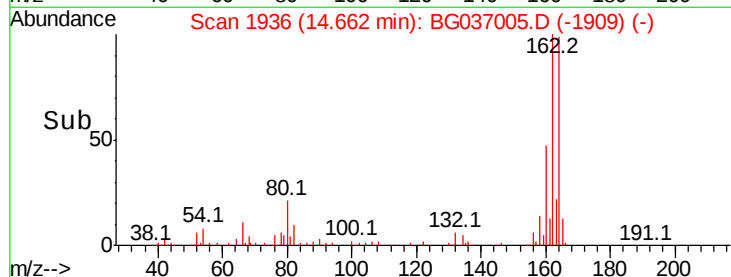
#56
2,4-Dinitrotoluene
Concen: 5.171 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.37 min
Lab File: BG037005.D
Acq: 27 Sep 2018 6:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 13234
Ion Ratio Lower Upper
165 100
63 0.0 40.1 60.1#
89 0.0 63.7 95.5#
182 0.0 2.5 3.7#

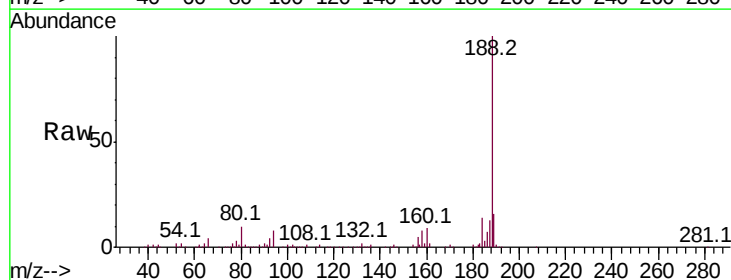


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

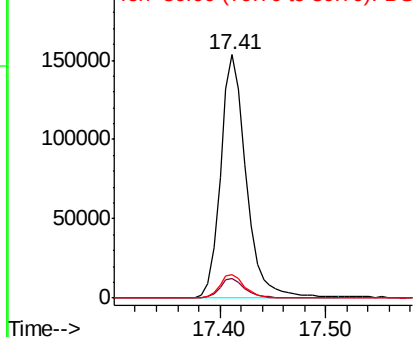
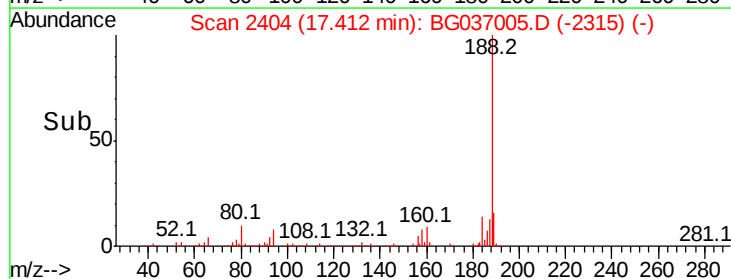


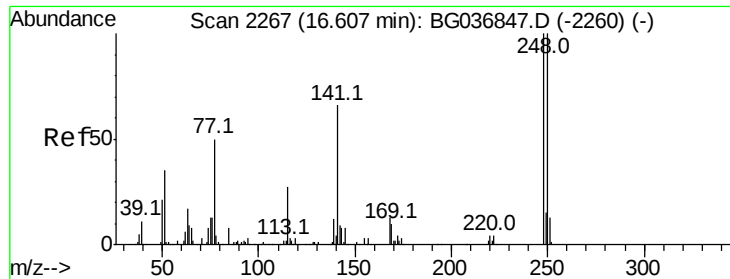
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG037005.D
Acq: 27 Sep 2018 6:52

Tgt Ion:188 Resp: 259099
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 9.7 8.1 12.1



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

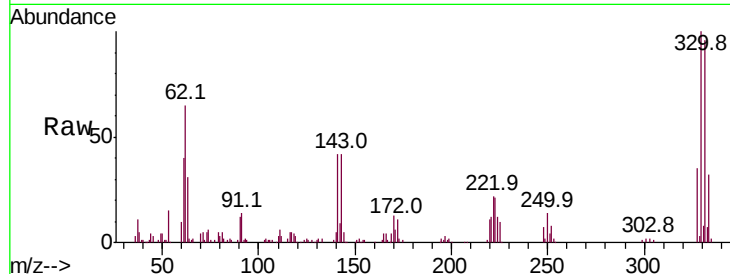




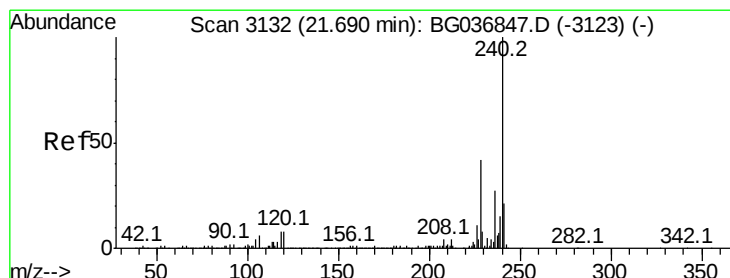
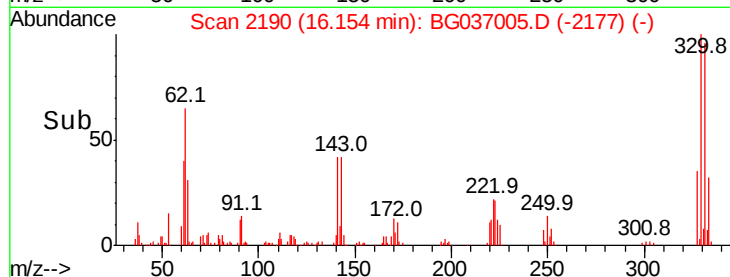
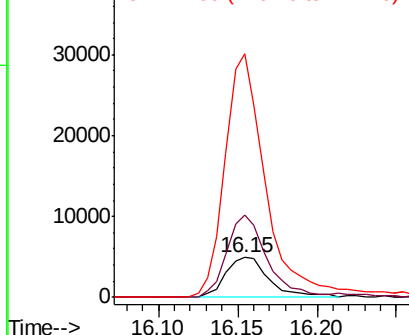
#66
4-Bromophenyl-phenylether
Concen: 3.142 ng
RT: 16.15 min Scan# 2190
Delta R.T. -0.45 min
Lab File: BG037005.D
Acq: 27 Sep 2018 6:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 9260
Ion Ratio Lower Upper
248 100
250 205.9 78.1 117.1#
141 613.5 53.7 80.5#

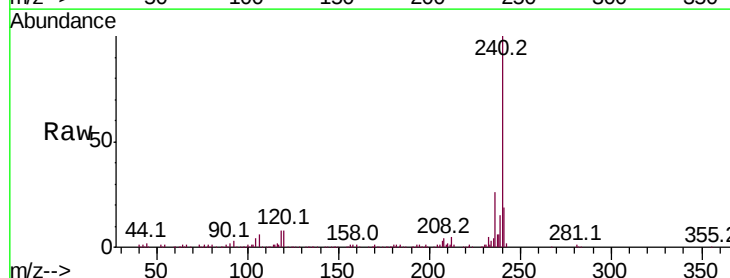


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

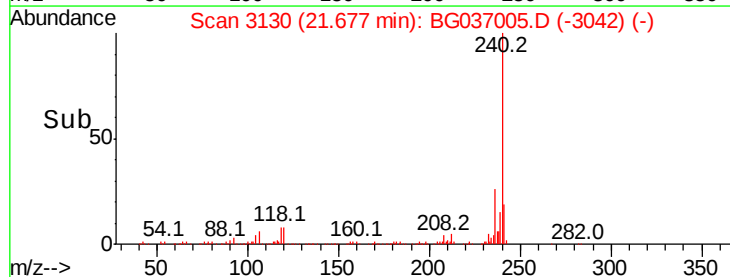
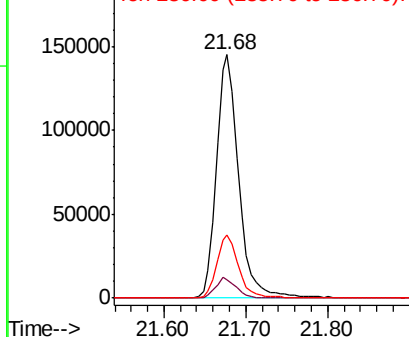


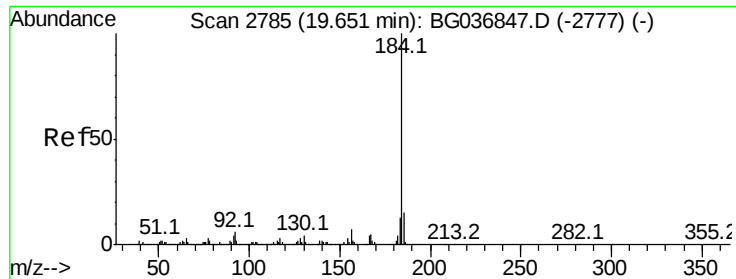
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG037005.D
Acq: 27 Sep 2018 6:52

Tgt Ion:240 Resp: 274844
Ion Ratio Lower Upper
240 100
120 7.6 6.9 10.3
236 25.9 21.2 31.8



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: 2.096 ng

RT: 20.01 min Scan# 2847

Delta R.T. 0.36 min

Lab File: BG037005.D

Acq: 27 Sep 2018 6:52

Instrument :

BNA_G

ClientSampleId :

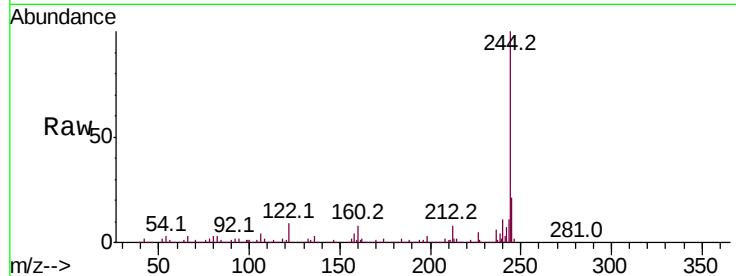
Tot Ion:184 Resp: 17418

Ion Ratio Lower Upper

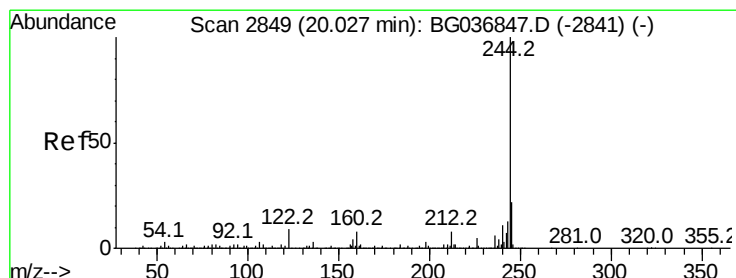
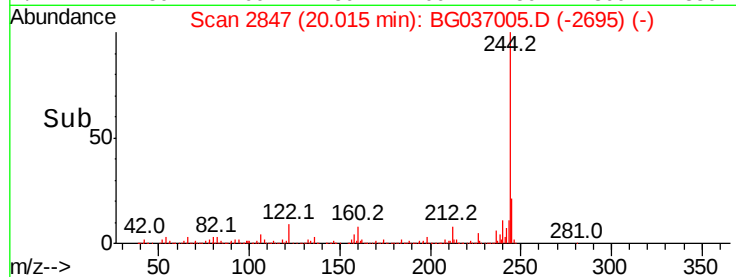
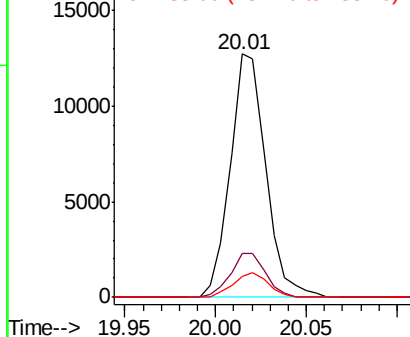
184 100

185 18.0 12.6 18.8

183 8.8 10.9 16.3#



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: 97.844 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG037005.D

Acq: 27 Sep 2018 6:52

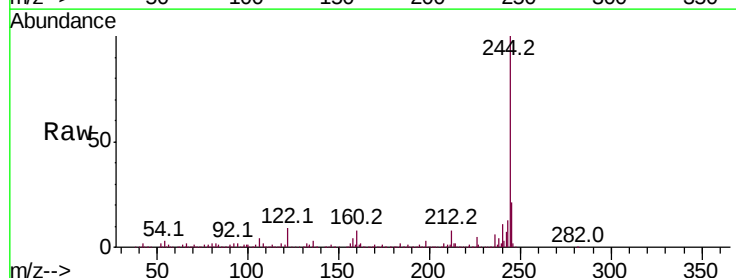
Tgt Ion:244 Resp: 1022704

Ion Ratio Lower Upper

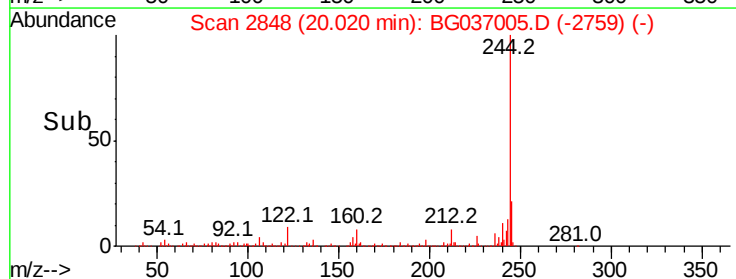
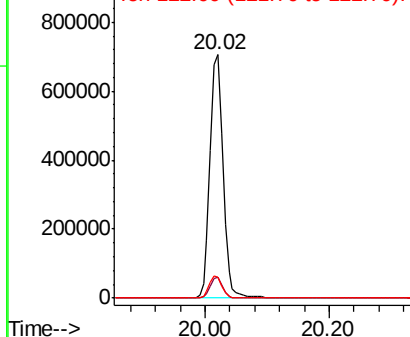
244 100

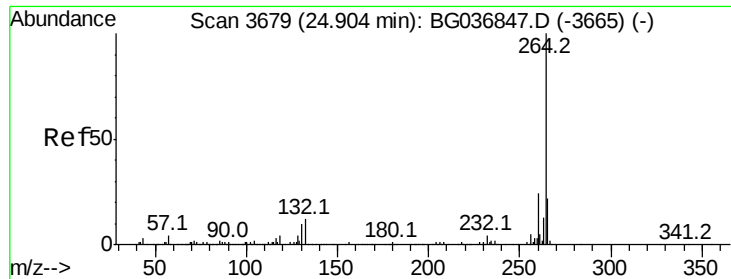
212 8.3 7.0 10.6

122 8.6 7.1 10.7



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: 24.88 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG037005.D
Acq: 27 Sep 2018 6:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.6	29.4
265	19.8	17.4	26.0

