

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092718\
 Data File : BG037048.D
 Acq On : 28 Sep 2018 13:26
 Operator : JU/SJ
 Sample : PB113326BL
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 28 14:43:23 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

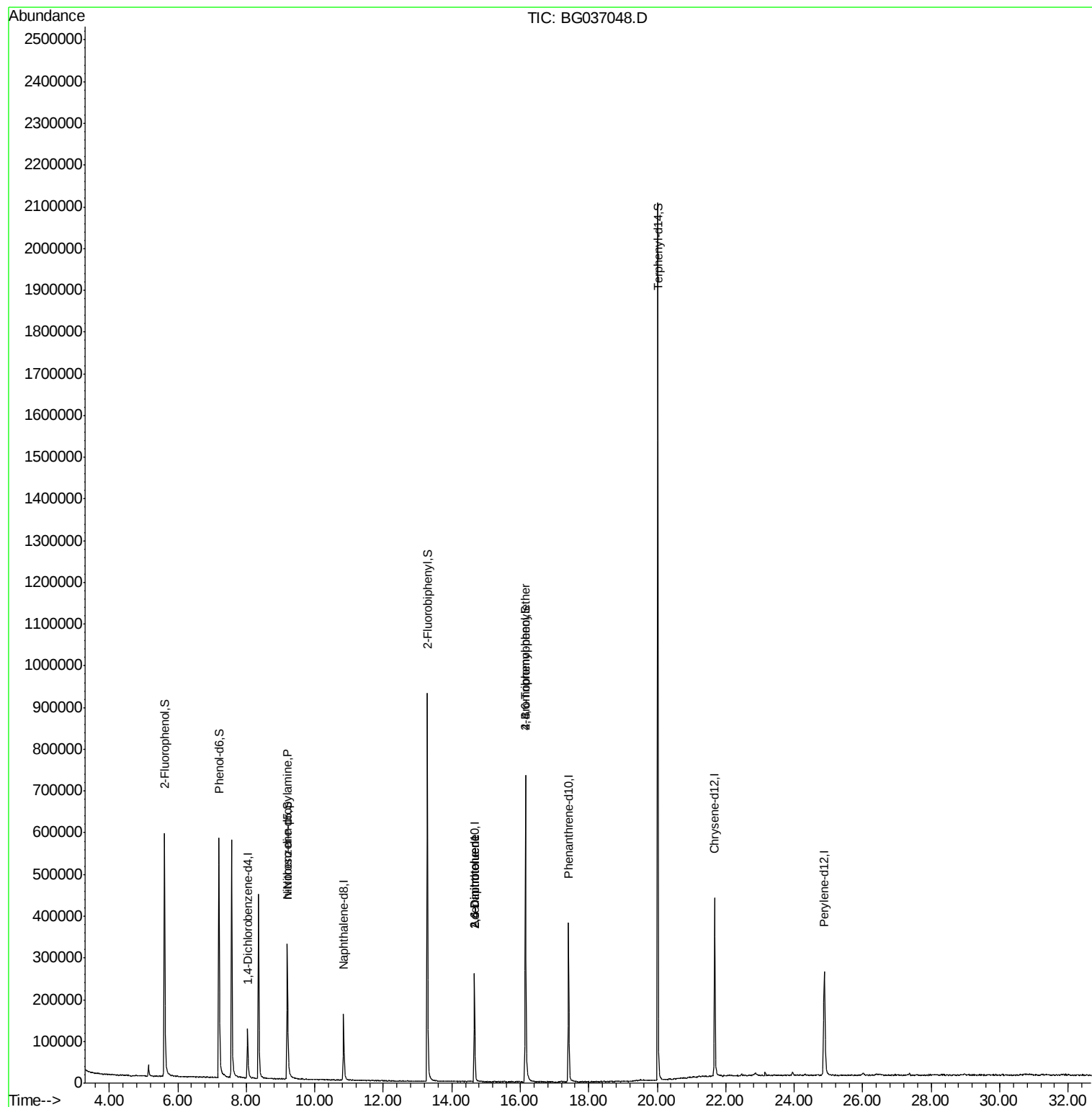
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	39865	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	162725	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	103229	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	279473	20.00	ng	0.00
75) Chrysene-d12	21.68	240	301297	20.00	ng	-0.01
86) Perylene-d12	24.88	264	295118	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	279938	134.67	ng	0.00
7) Phenol-d6	7.20	99	375785	116.84	ng	-0.01
23) Nitrobenzene-d5	9.20	82	247097	81.32	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	150983	122.25	ng	-0.02
44) 2-Fluorobiphenyl	13.29	172	543531	78.42	ng	-0.01
78) Terphenyl-d14	20.02	244	1020805	89.09	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	31821	11.894	ng	# 72
50) 2,6-Dinitrotoluene	14.66	165	12890	7.110	ng	# 20
56) 2,4-Dinitrotoluene	14.66	165	12890	5.095	ng	# 18
66) 4-Bromophenyl-phenylether	16.15	248	10626	3.343	ng	# 1

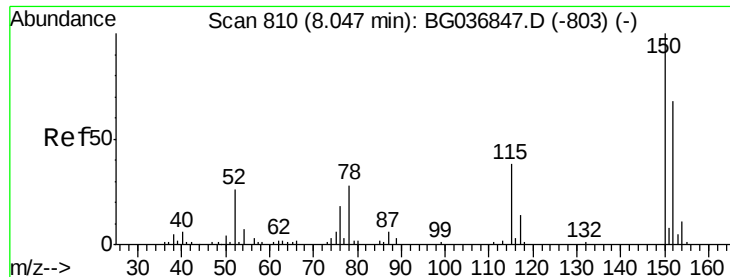
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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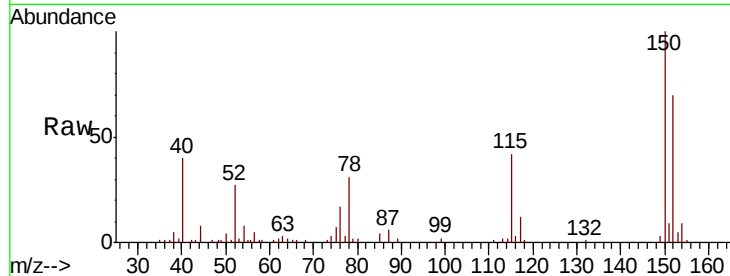


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037048.D
Acq: 28 Sep 2018 13:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.7	119.5	179.3
115	60.1	44.5	66.7

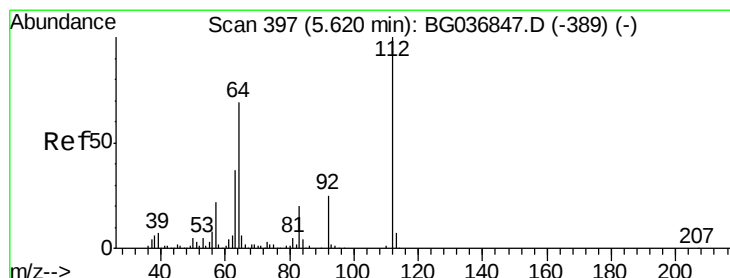
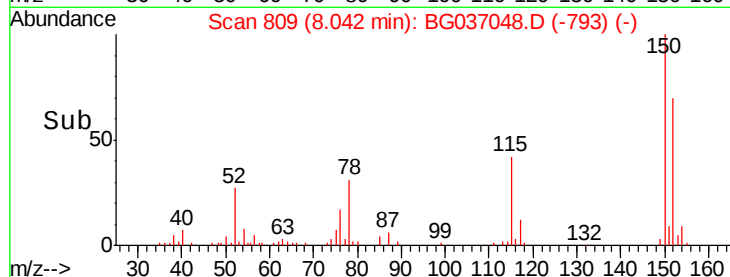
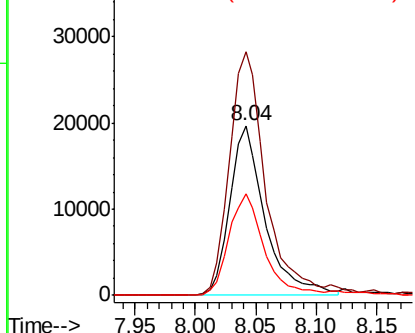


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

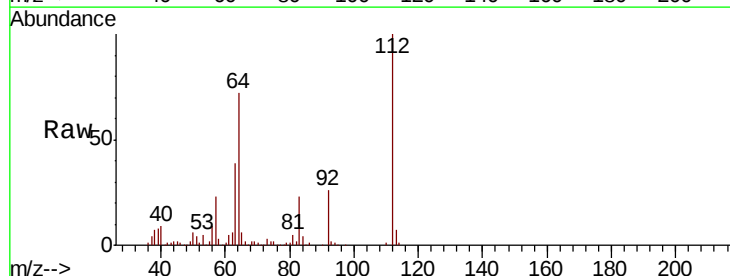
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 134.670 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG037048.D
Acq: 28 Sep 2018 13:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.3	57.2	85.8
63	39.0	30.8	46.2

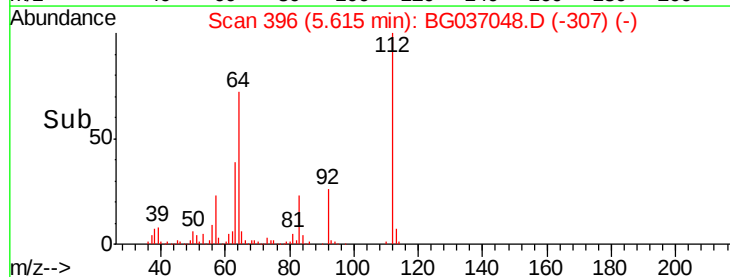
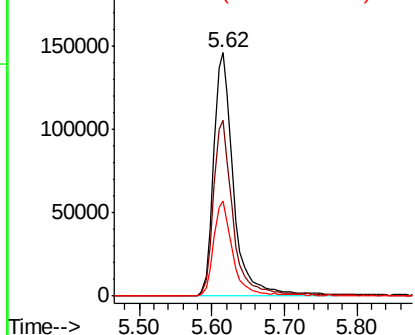


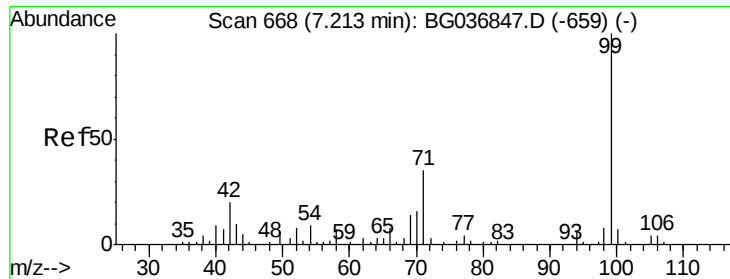
Abundance

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: 116.845 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037048.D

Acq: 28 Sep 2018 13:26

Instrument :

BNA_G

ClientSampleId :

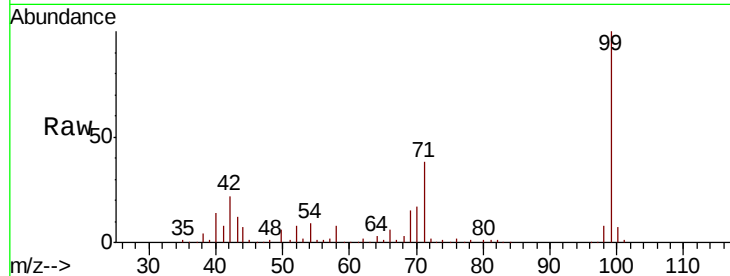
Tot Ion: 99 Resp: 375785

Ion Ratio Lower Upper

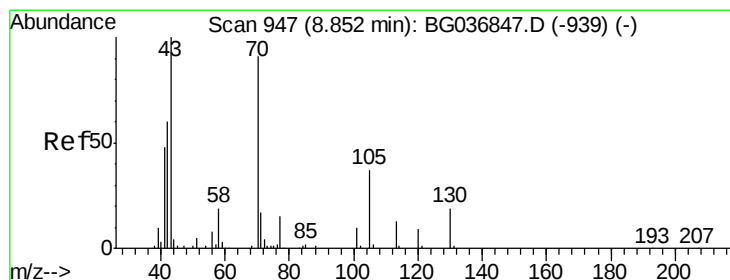
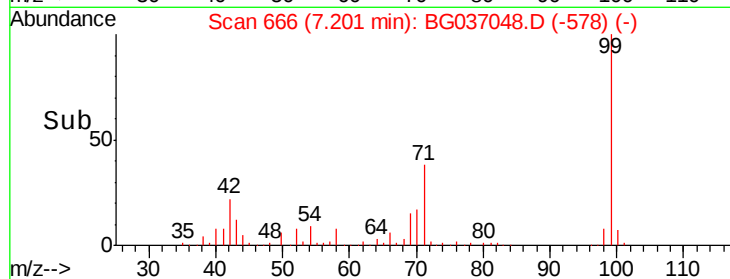
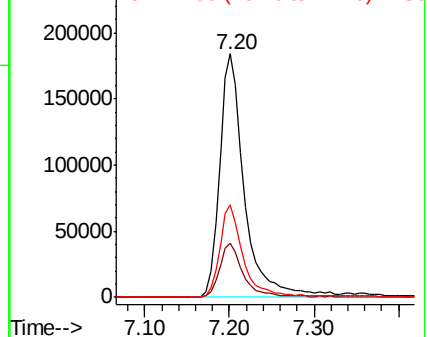
99 100

42 22.1 16.5 24.7

71 38.2 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: 11.894 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.35 min

Lab File: BG037048.D

Acq: 28 Sep 2018 13:26

Tgt Ion: 70 Resp: 31821

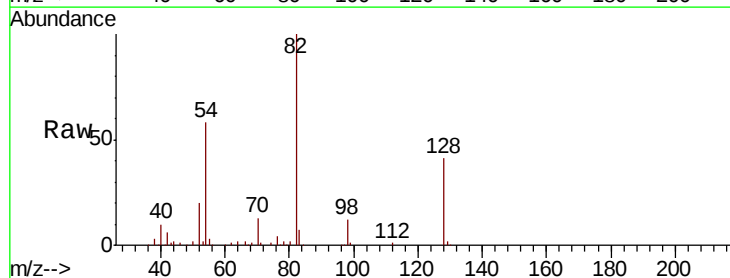
Ion Ratio Lower Upper

70 100

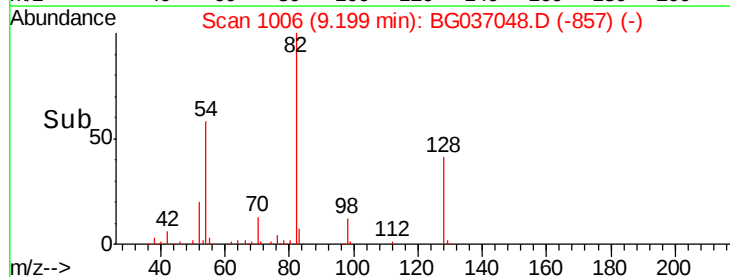
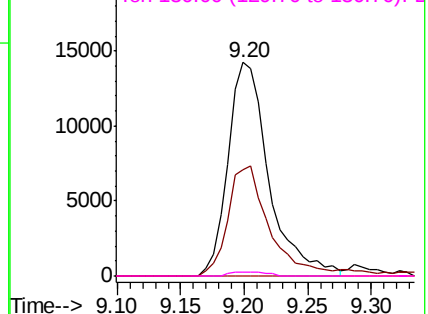
42 50.0 56.2 84.4#

101 0.0 7.8 11.6#

130 2.1 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: BG037048.D

Acq: 28 Sep 2018 13:26

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 162725

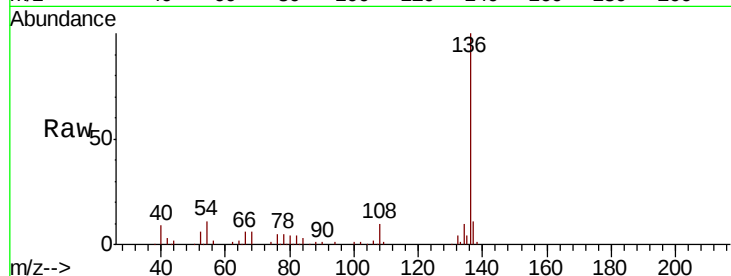
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 10.6 9.2 13.8

68 6.2 5.8 8.6

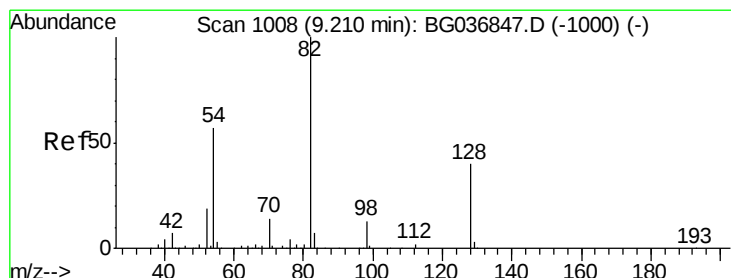
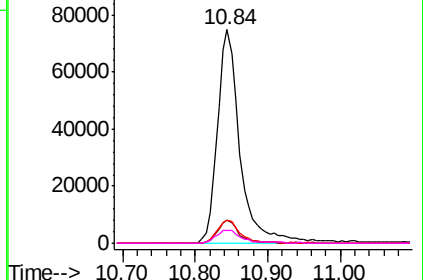
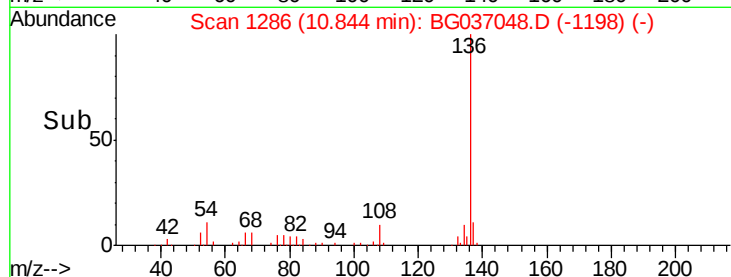


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.317 ng

RT: 9.20 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BG037048.D

Acq: 28 Sep 2018 13:26

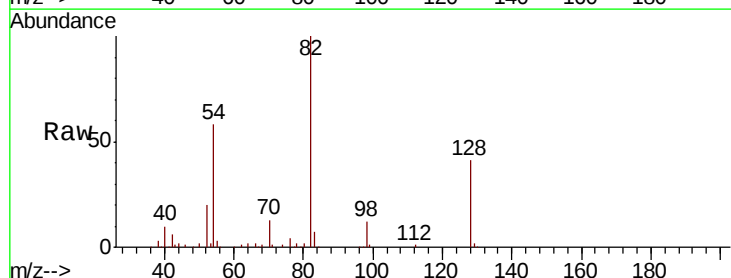
Tgt Ion: 82 Resp: 247097

Ion Ratio Lower Upper

82 100

128 40.7 33.3 49.9

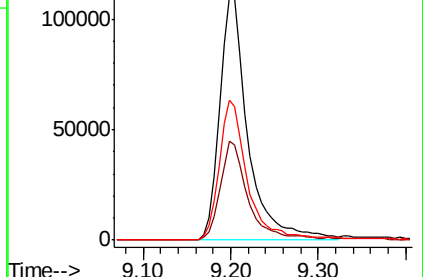
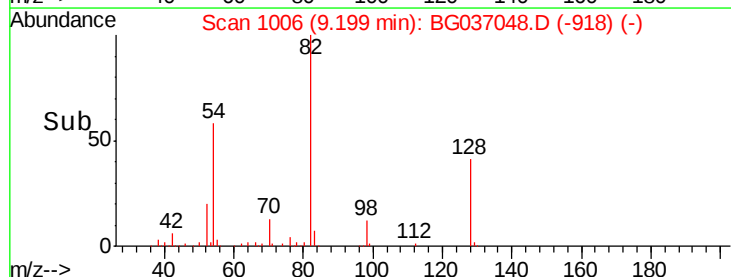
54 57.5 45.1 67.7



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: 14.66 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG037048.D

Acq: 28 Sep 2018 13:26

Instrument :

BNA_G

ClientSampleId :

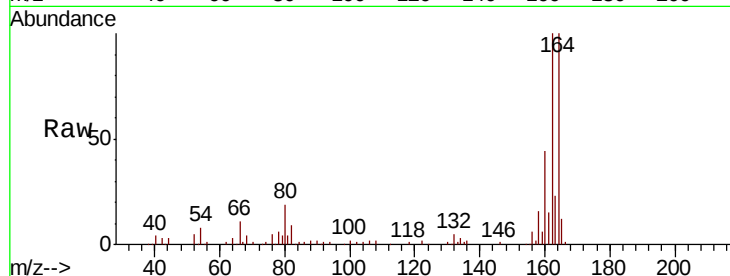
Tot Ion:164 Resp: 103229

Ion Ratio Lower Upper

164 100

162 99.7 80.7 121.1

160 43.8 35.3 52.9

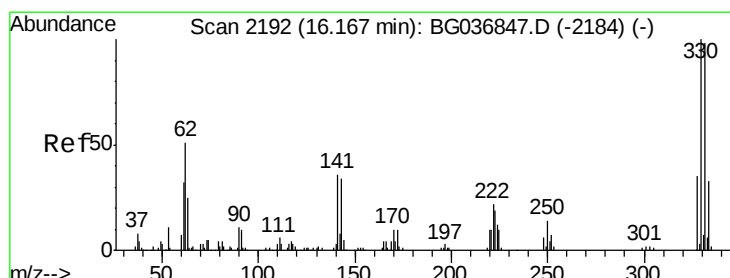
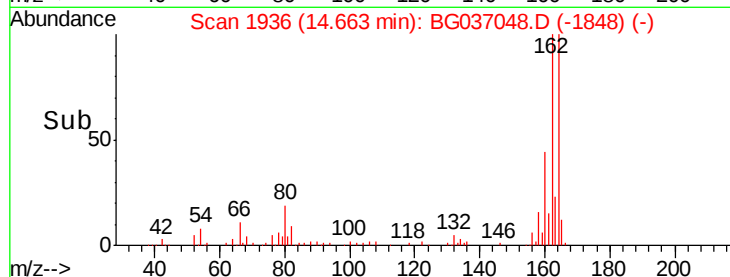
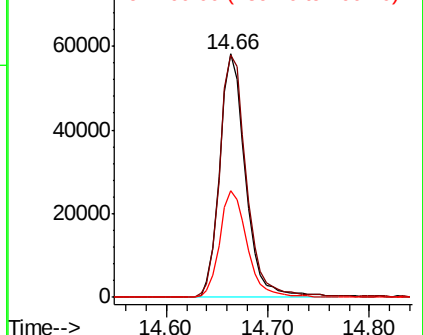


Abundance

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: 122.246 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BG037048.D

Acq: 28 Sep 2018 13:26

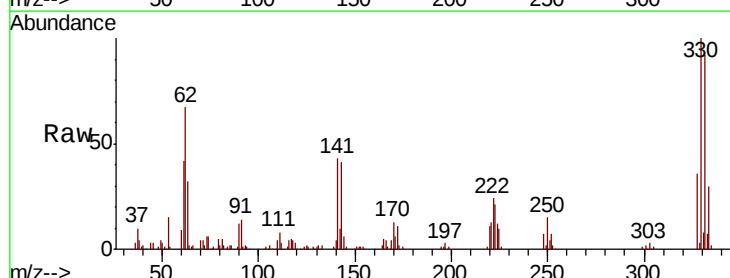
Tgt Ion:330 Resp: 150983

Ion Ratio Lower Upper

330 100

332 95.7 75.4 113.2

141 39.9 30.7 46.1

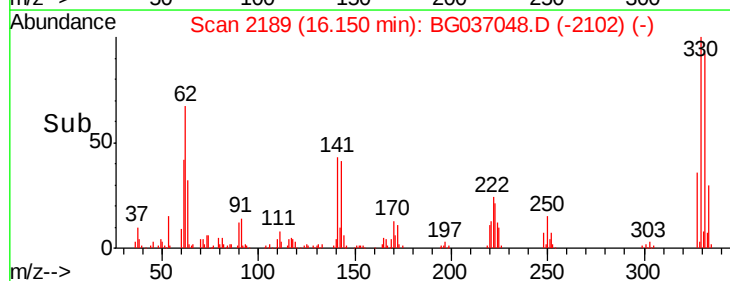
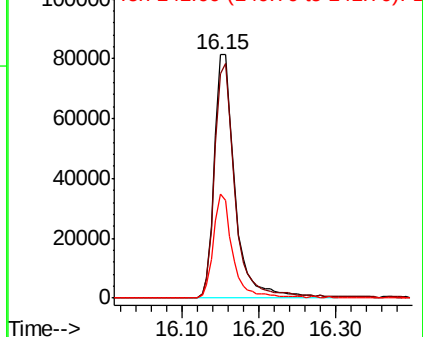


Abundance

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

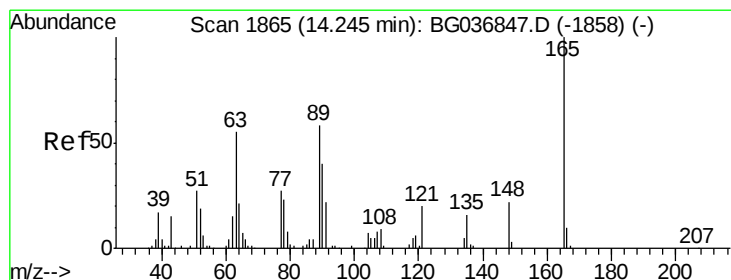
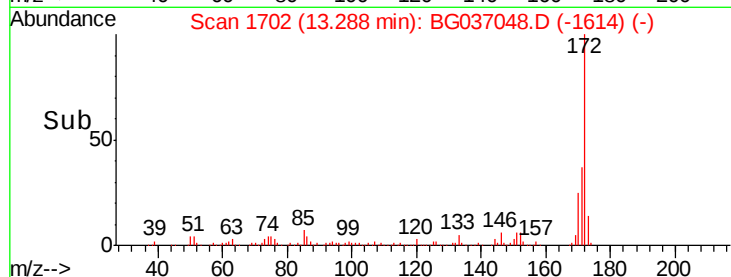
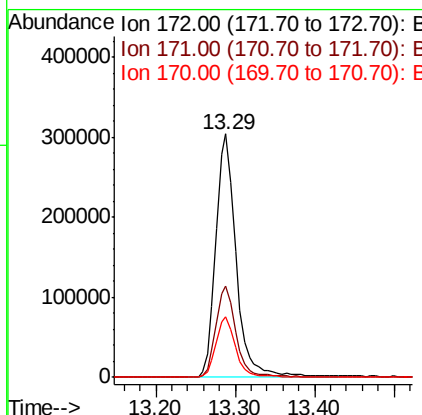
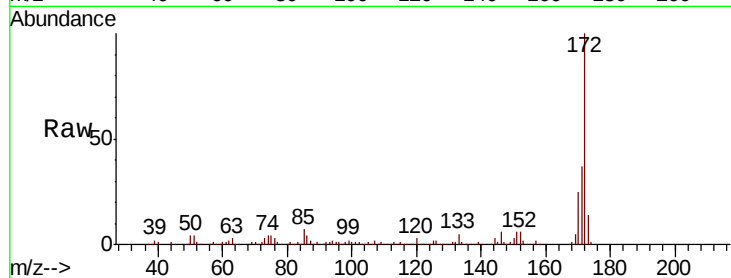




#44
 2-Fluorobiphenyl
 Concen: 78.421 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037048.D
 Acq: 28 Sep 2018 13:26

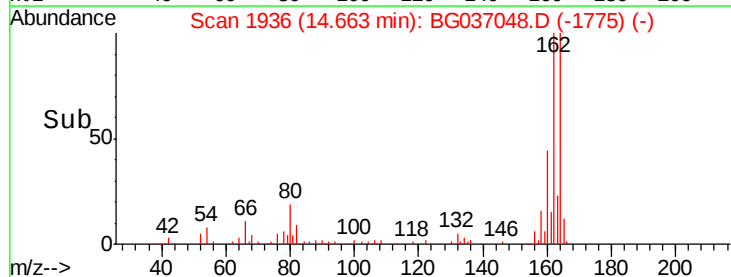
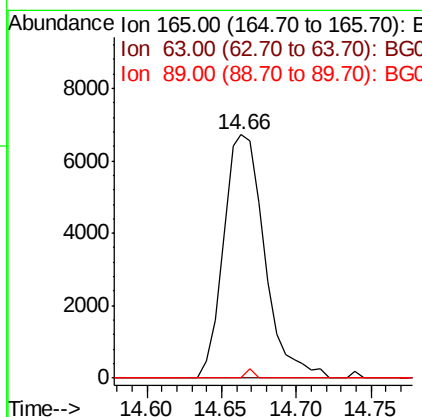
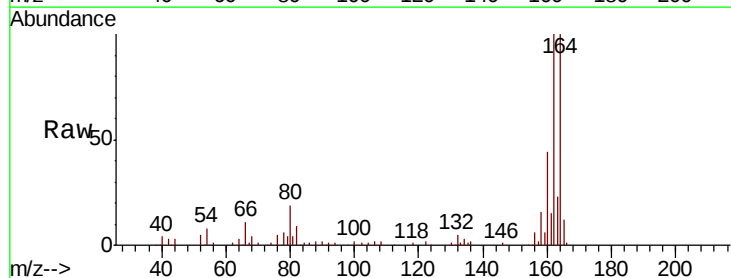
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.3	46.9
170	24.7	21.0	31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.110 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. 0.42 min
 Lab File: BG037048.D
 Acq: 28 Sep 2018 13:26

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

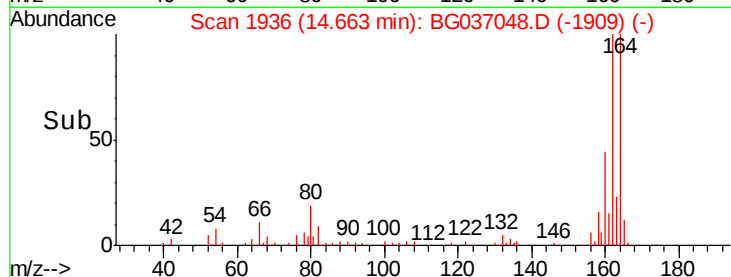
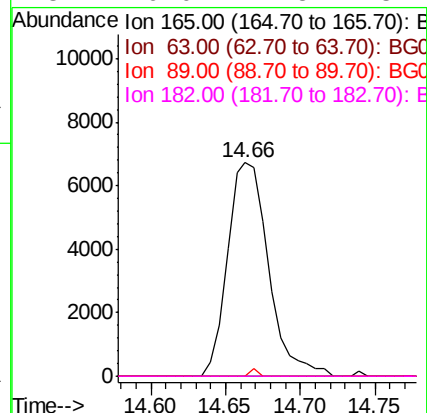
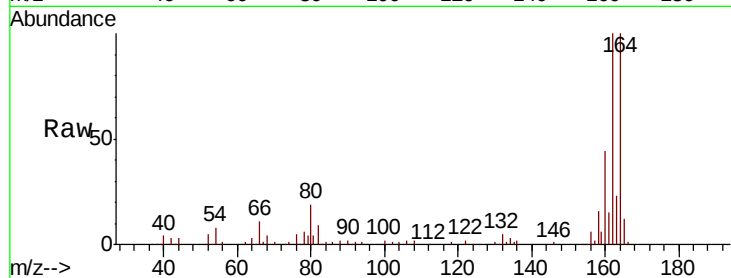




#56
2,4-Dinitrotoluene
Concen: 5.095 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.37 min
Lab File: BG037048.D
Acq: 28 Sep 2018 13:26

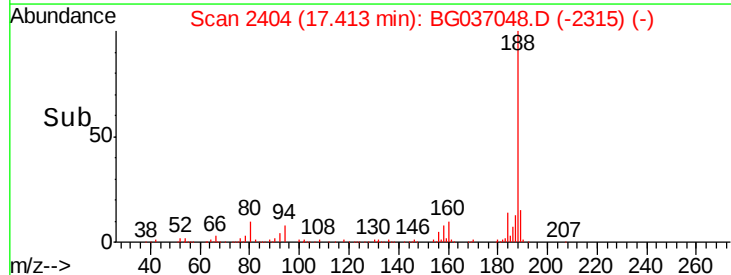
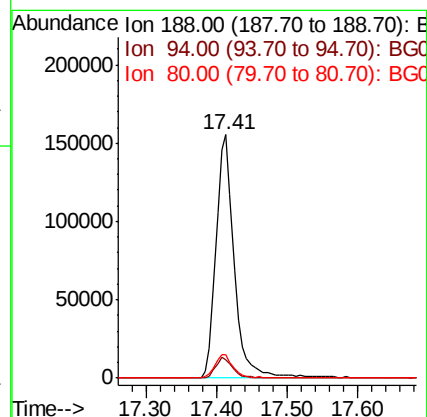
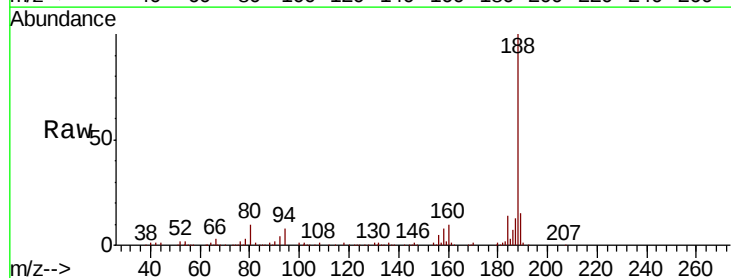
Instrument :
BNA_G
ClientSampleId :

Tot 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#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG037048.D
Acq: 28 Sep 2018 13:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.7	10.1
80	9.6	8.1	12.1

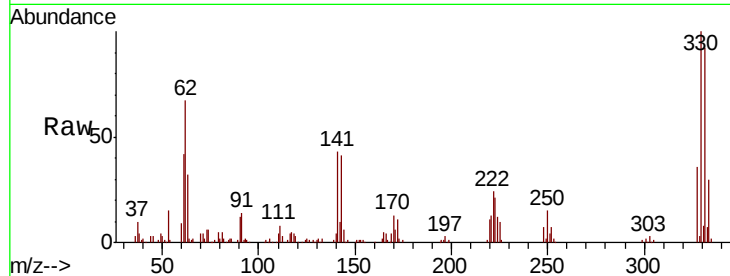




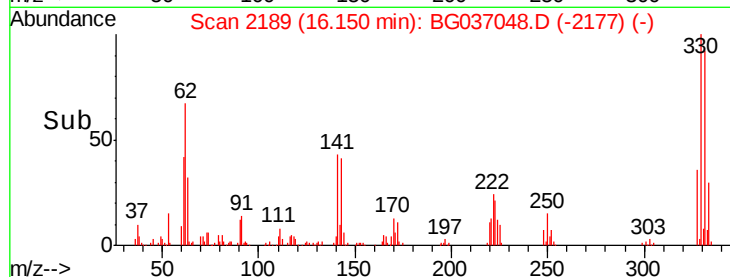
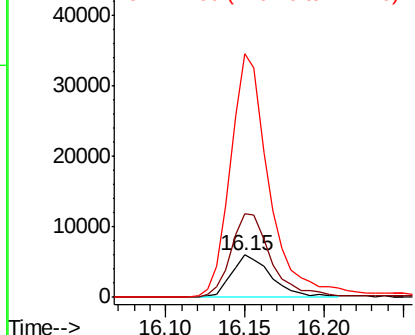
#66
 4-Bromophenyl-phenylether
 Concen: 3.343 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.46 min
 Lab File: BG037048.D
 Acq: 28 Sep 2018 13:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 10626
 Ion Ratio Lower Upper
 248 100
 250 199.2 78.1 117.1#
 141 577.3 53.7 80.5#

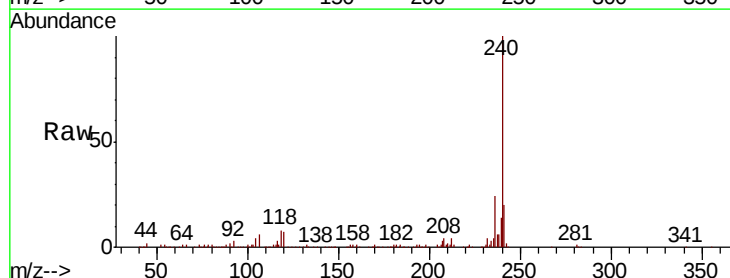


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

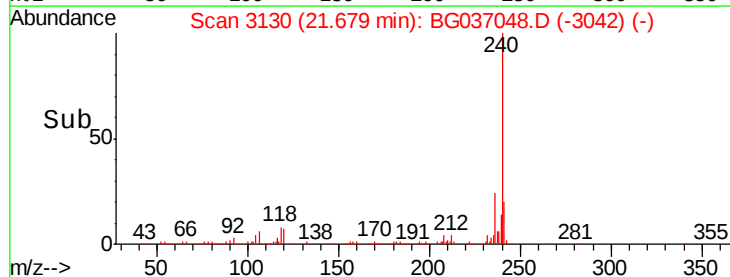
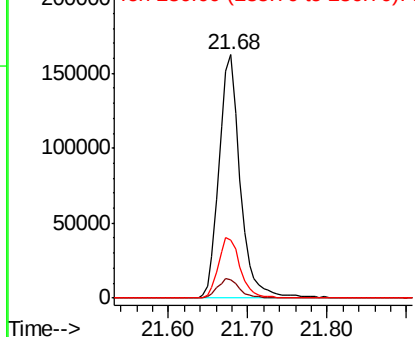


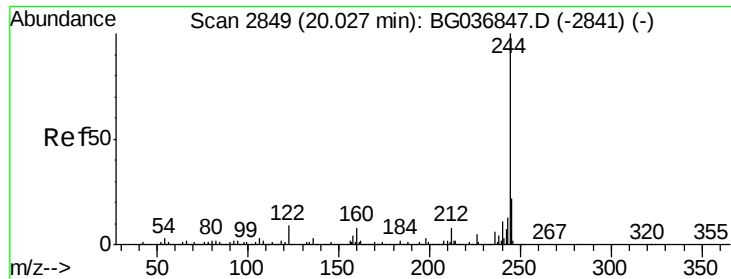
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG037048.D
 Acq: 28 Sep 2018 13:26

Tgt Ion:240 Resp: 301297
 Ion Ratio Lower Upper
 240 100
 120 7.3 6.9 10.3
 236 24.1 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

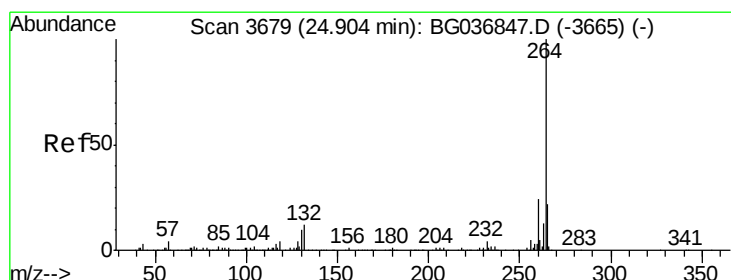
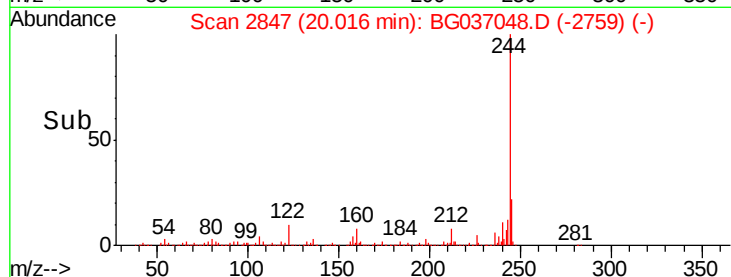
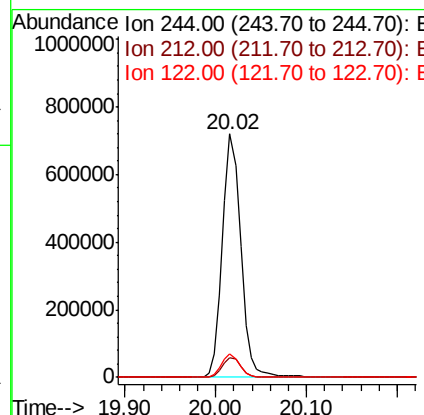
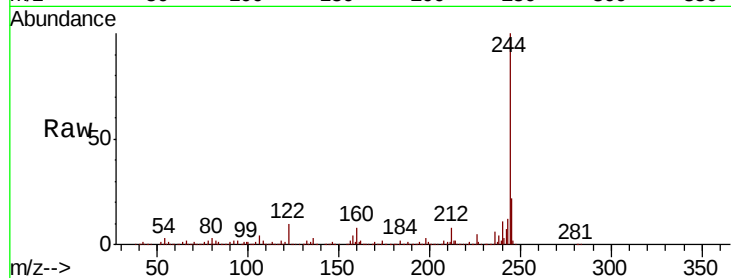




#78
 Terphenyl-d14
 Concen: 89.088 ng
 RT: 20.02 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BG037048.D
 Acq: 28 Sep 2018 13:26

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1020805
 Ion Ratio Lower Upper
 244 100
 212 8.3 7.0 10.6
 122 9.6 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3675
 Delta R.T. -0.02 min
 Lab File: BG037048.D
 Acq: 28 Sep 2018 13:26

Tgt Ion:264 Resp: 295118
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 21.3 17.4 26.0

