

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100118\
 Data File : BG037081.D
 Acq On : 1 Oct 2018 18:19
 Operator : JU/SJ
 Sample : J5155-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-EQUIP-BLANK

Quant Time: Oct 01 19:02:55 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

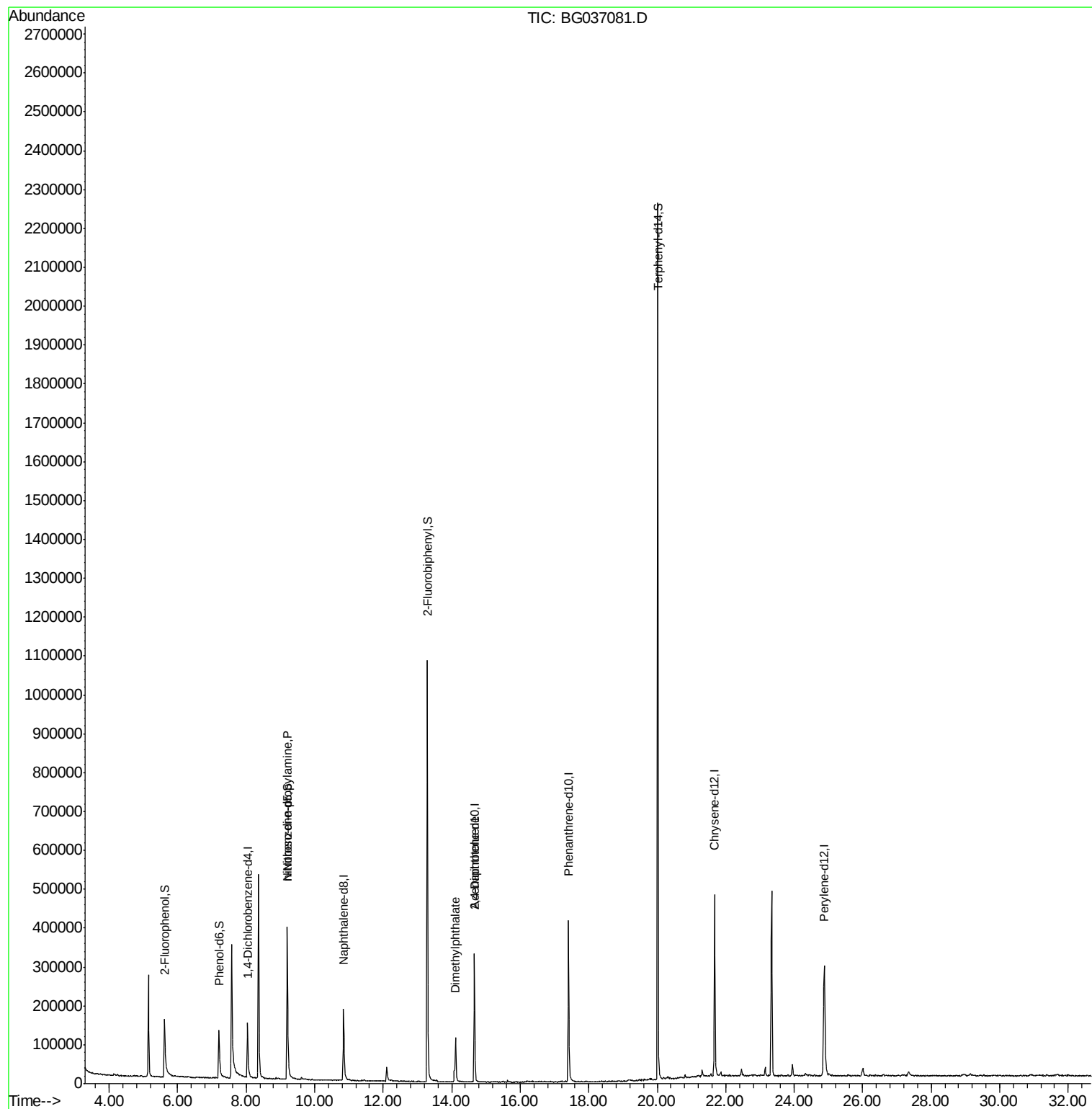
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	46531	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	192326	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	123877	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	313558	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	327466	20.00	ng	-0.02
86) Perylene-d12	24.88	264	327225	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	98718	40.69	ng	0.00
7) Phenol-d6	7.20	99	105095	28.00	ng	-0.01
23) Nitrobenzene-d5	9.20	82	299689	83.45	ng	-0.01
41) 2,4,6-Tribromophenol	16.19	330	1540	1.04	ng	0.02
44) 2-Fluorobiphenyl	13.29	172	646552	77.74	ng	-0.01
78) Terphenyl-d14	20.02	244	1113189	89.39	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	38280	12.258	ng	# 71
49) Dimethylphthalate	14.11	163	89269	8.953	ng	# 98
56) 2,4-Dinitrotoluene	14.66	165	16399	5.402	ng	# 21

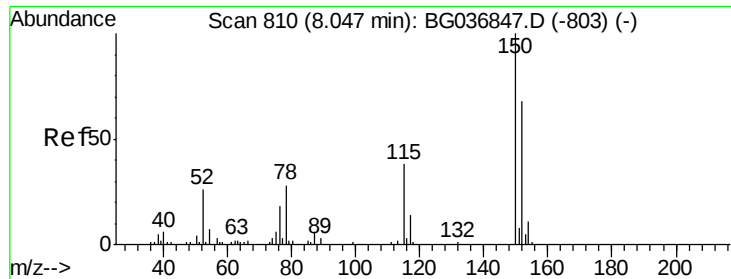
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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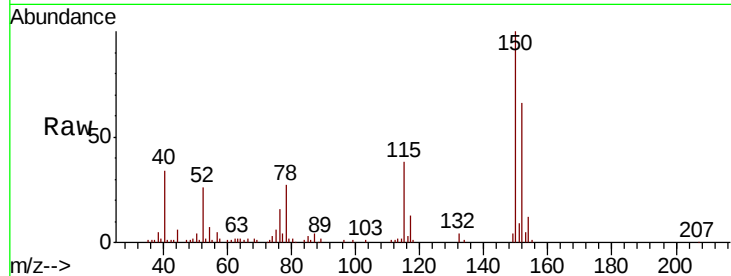


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG037081.D
Acq: 1 Oct 2018 18:19

Instrument :
BNA_G
ClientSampleId :
QNWP8-EQUIP-BLANK

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.7	119.5	179.3
115	56.8	44.5	66.7

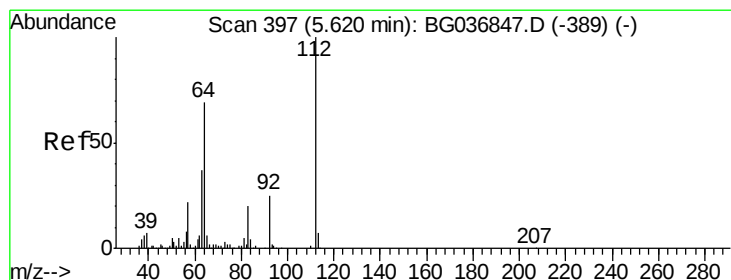
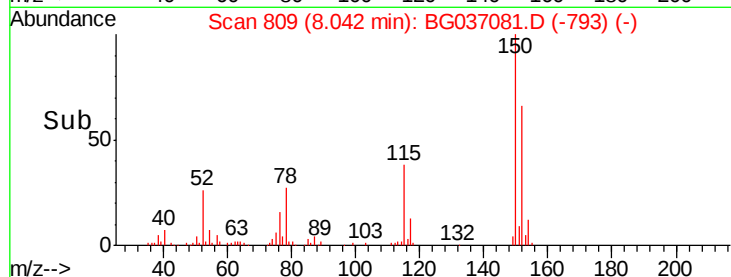
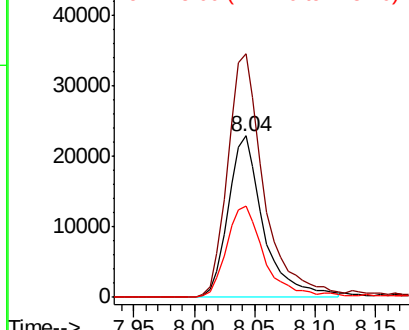


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

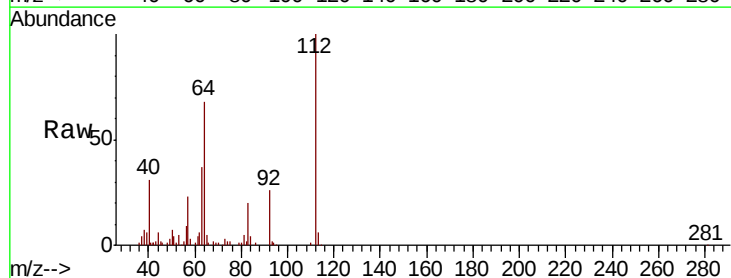
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 40.687 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG037081.D
Acq: 1 Oct 2018 18:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	57.2	85.8
63	37.3	30.8	46.2

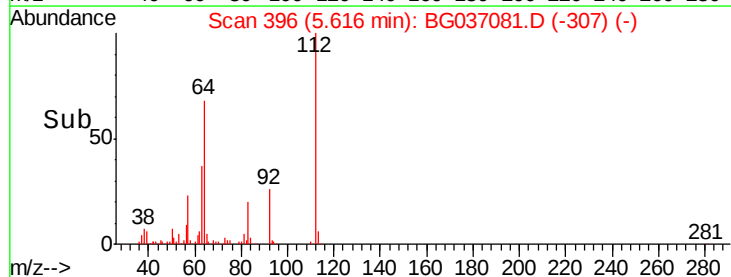
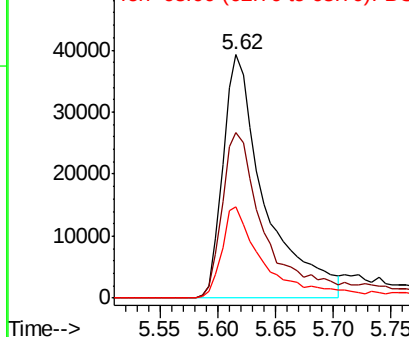


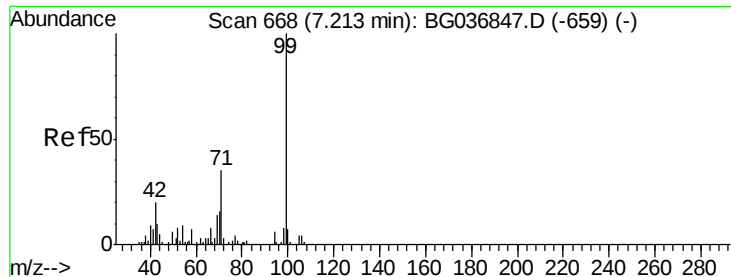
Abundance

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: 27.996 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037081.D

Acq: 1 Oct 2018 18:19

Instrument :

BNA_G

ClientSampleId :

QNWP8-EQUIP-BLANK

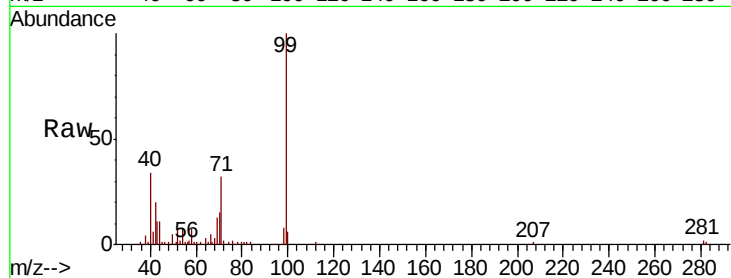
Tot Ion: 99 Resp: 105095

Ion Ratio Lower Upper

99 100

42 19.6 16.5 24.7

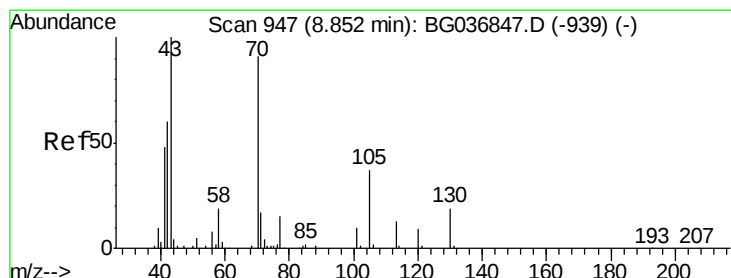
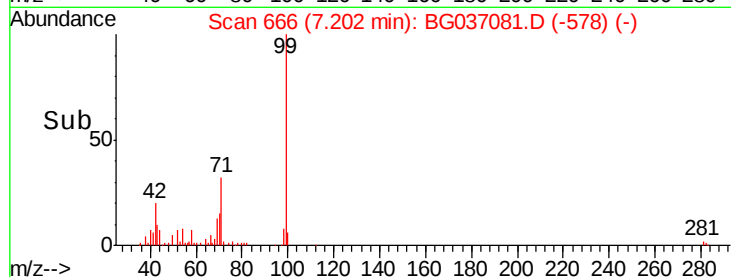
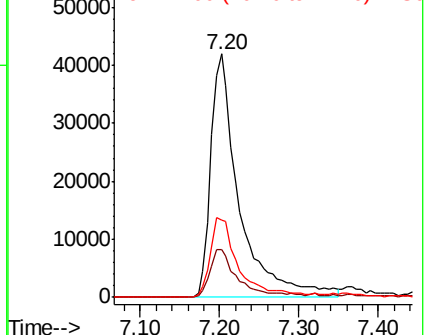
71 31.9 29.4 44.2



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: 12.258 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.35 min

Lab File: BG037081.D

Acq: 1 Oct 2018 18:19

Tgt Ion: 70 Resp: 38280

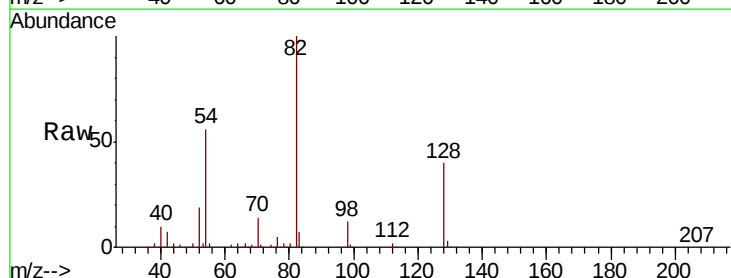
Ion Ratio Lower Upper

70 100

42 48.7 56.2 84.4#

101 0.0 7.8 11.6#

130 2.1 16.2 24.2#

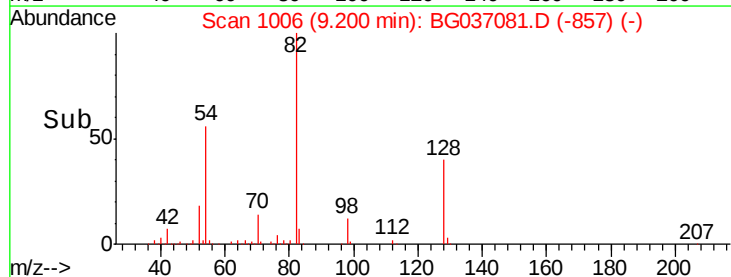
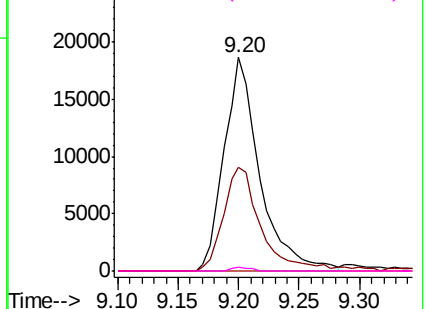


Abundance Ion 70.00 (69.70 to 70.70): BGC

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

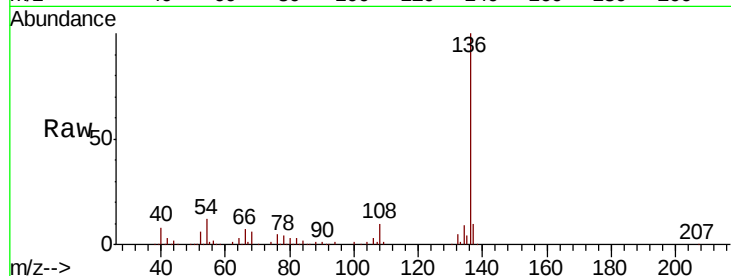




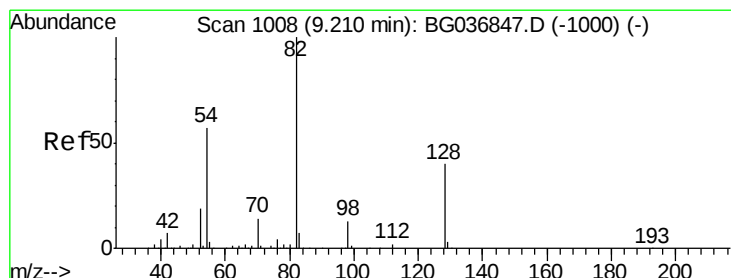
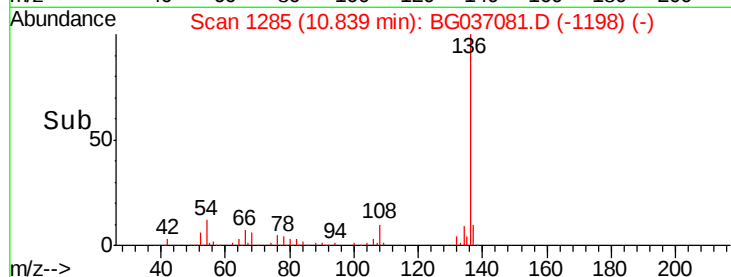
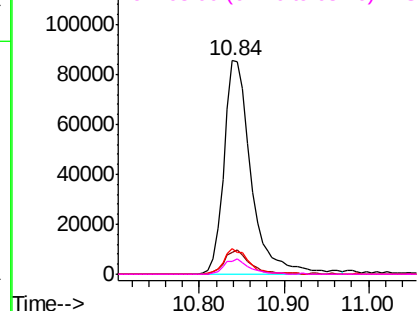
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BG037081.D
Acq: 1 Oct 2018 18:19

Instrument :
BNA_G
ClientSampleId :
QNWP8-EQUIP-BLANK

Tot Ion:136	Resp:	192326
Ion	Ratio	Lower Upper
136	100	
137	10.4	8.8 13.2
54	12.1	9.2 13.8
68	5.9	5.8 8.6

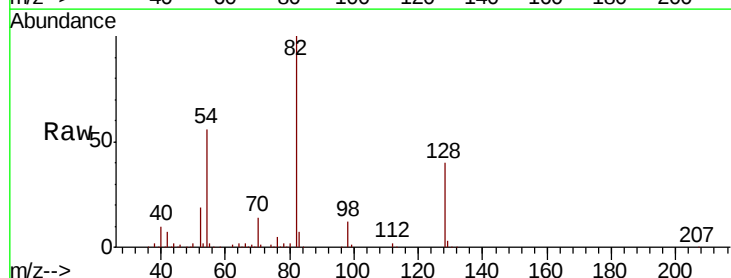


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

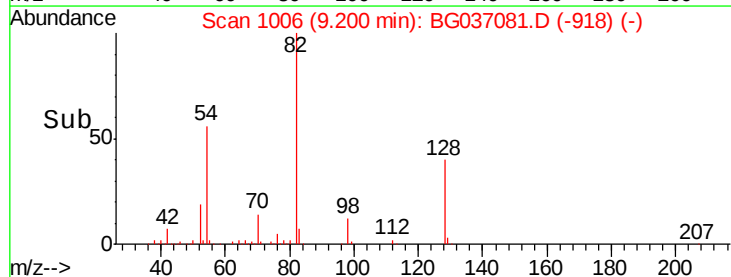
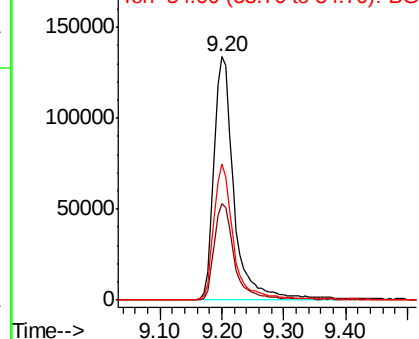


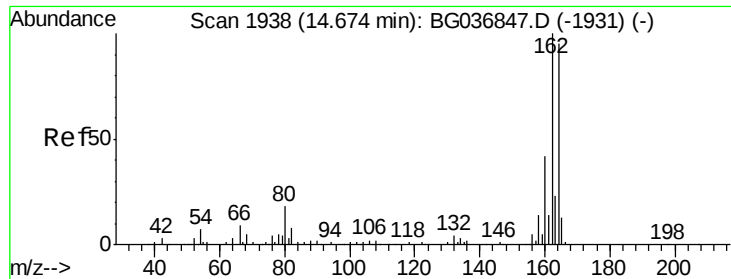
#23
Nitrobenzene-d5
Concen: 83.445 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037081.D
Acq: 1 Oct 2018 18:19

Tgt Ion: 82	Resp:	299689
Ion	Ratio	Lower Upper
82	100	
128	39.5	33.3 49.9
54	56.1	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: BG037081.D

Acq: 1 Oct 2018 18:19

Instrument :

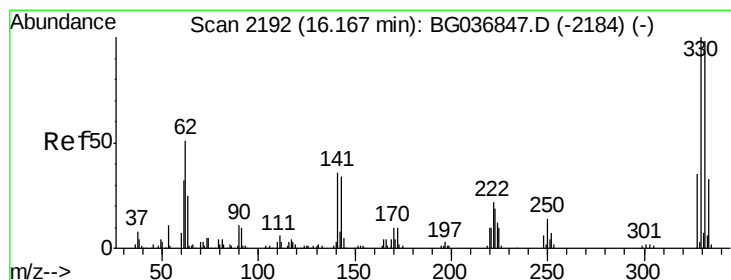
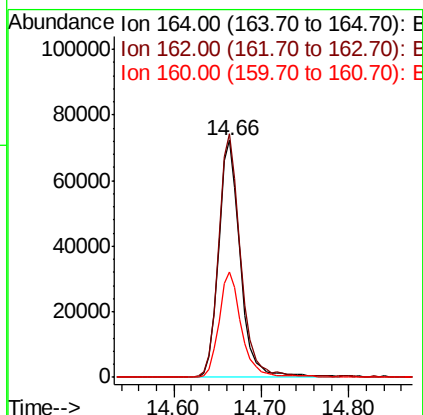
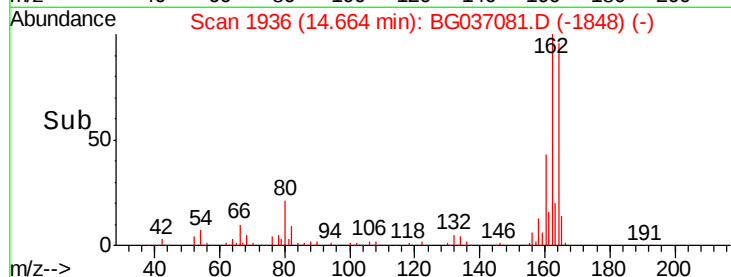
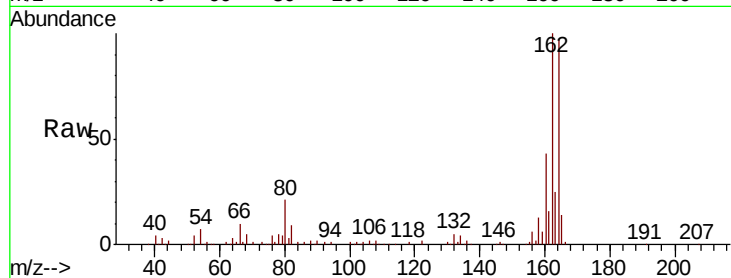
BNA_G

ClientSampleId :

QNWP8-EQUIP-BLANK

Tot Ion:164 Resp: 123877

Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.7	121.1
160	44.4	35.3	52.9



#41

2,4,6-Tribromophenol

Concen: 1.039 ng

RT: 16.19 min Scan# 2196

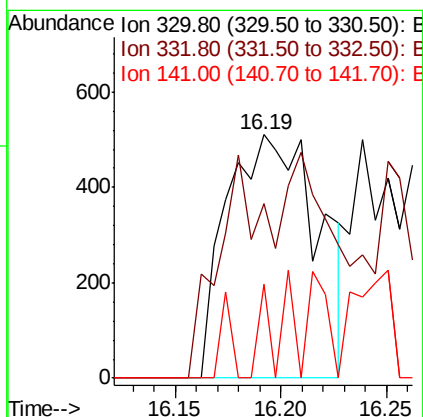
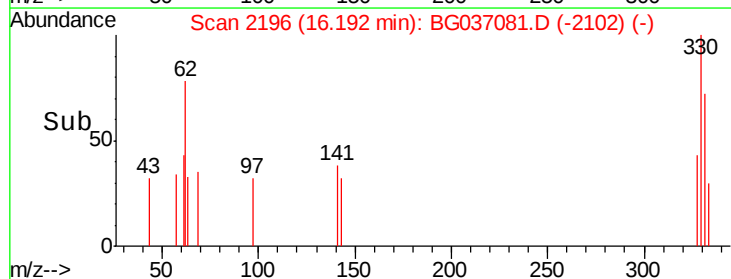
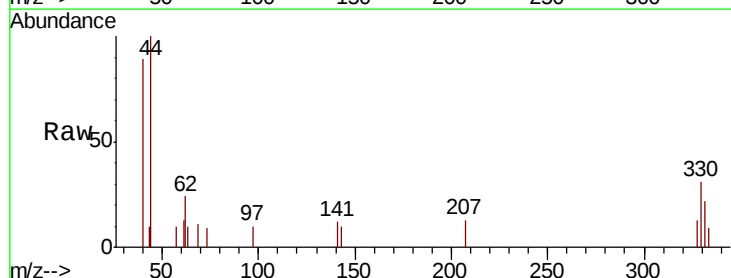
Delta R.T. 0.02 min

Lab File: BG037081.D

Acq: 1 Oct 2018 18:19

Tgt Ion:330 Resp: 1540

Ion	Ratio	Lower	Upper
330	100		
332	0.0	75.4	113.2#
141	4.5	30.7	46.1#

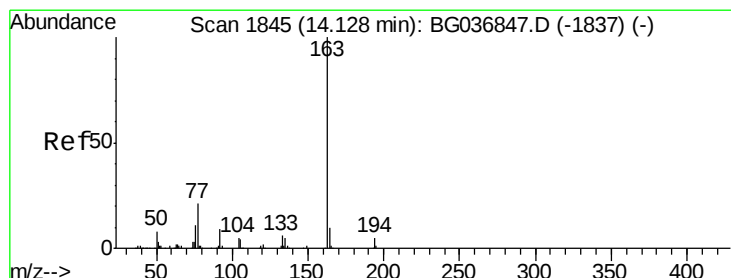
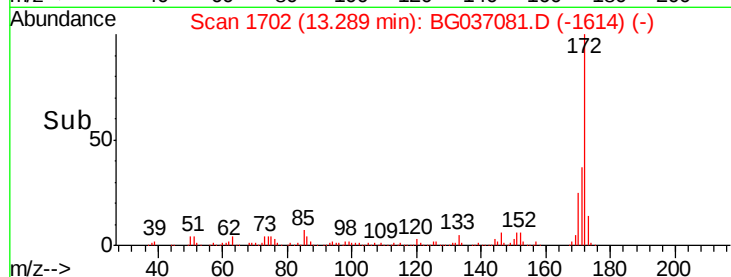
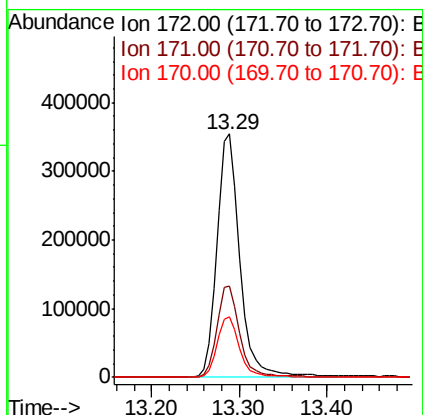
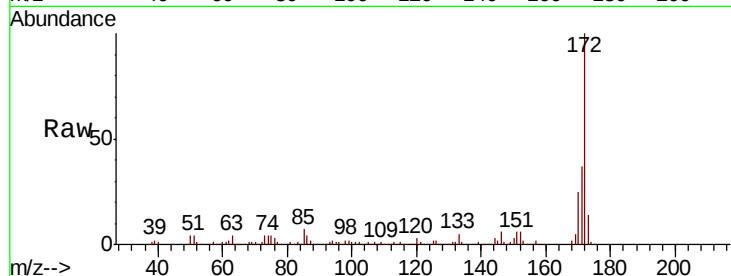




#44
2-Fluorobiphenyl
Concen: 77.736 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG037081.D
Acq: 1 Oct 2018 18:19

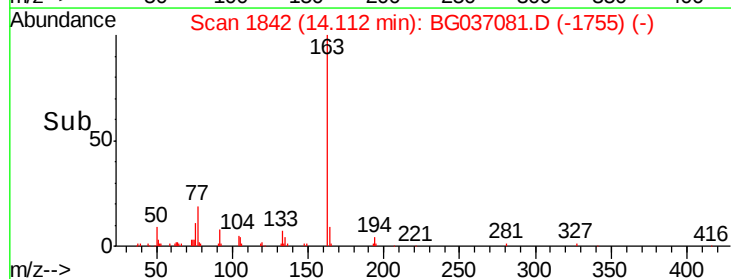
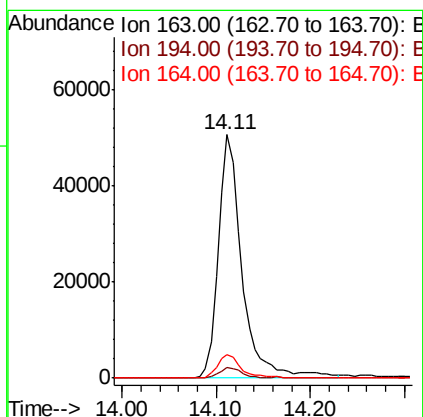
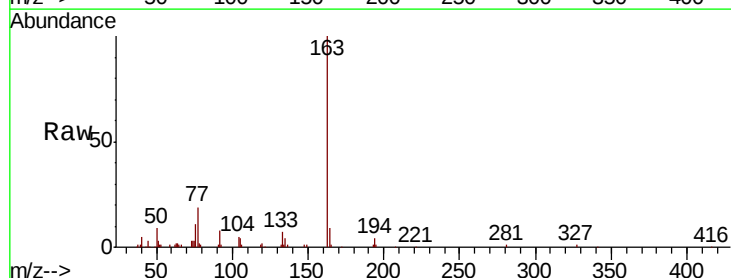
Instrument :
BNA_G
ClientSampleId :
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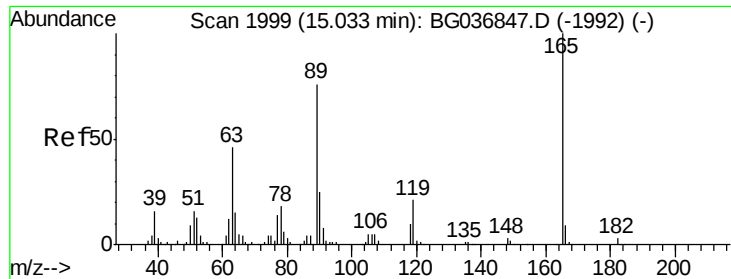
Tot Ion:172 Resp: 646552
Ion Ratio Lower Upper
172 100
171 37.4 31.3 46.9
170 24.9 21.0 31.6



#49
Dimethylphthalate
Concen: 8.953 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.02 min
Lab File: BG037081.D
Acq: 1 Oct 2018 18:19

Tgt Ion:163 Resp: 89269
Ion Ratio Lower Upper
163 100
194 4.5 4.0 6.0
164 9.5 8.1 12.1

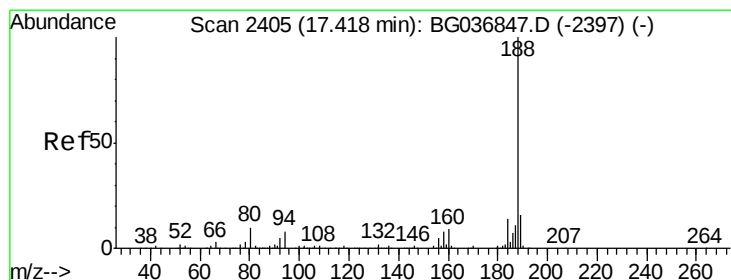
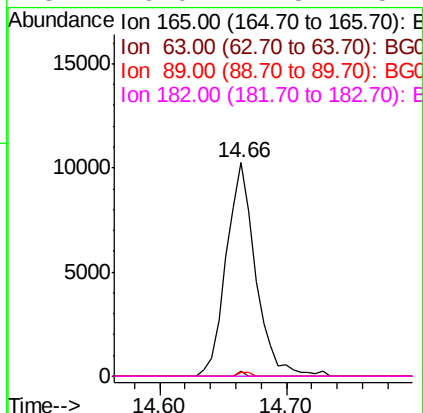
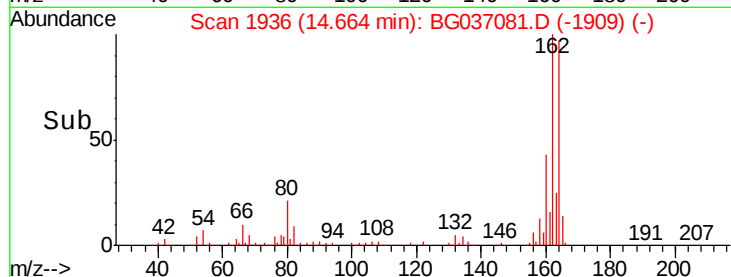
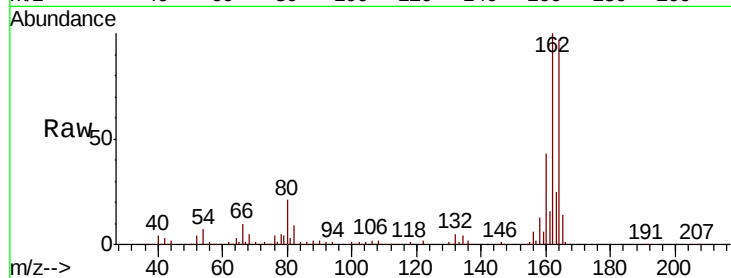




#56
2,4-Dinitrotoluene
Concen: 5.402 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.37 min
Lab File: BG037081.D
Acq: 1 Oct 2018 18:19

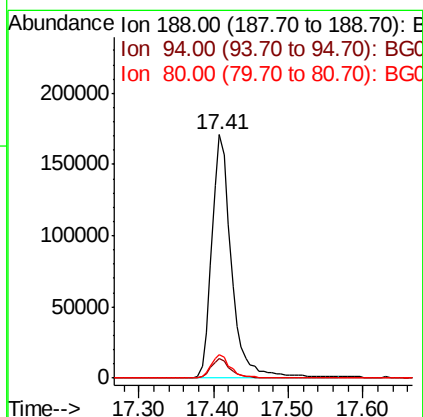
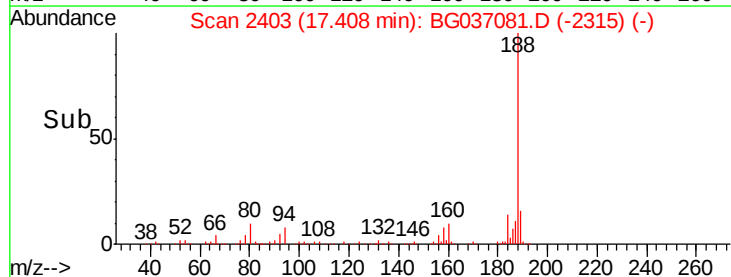
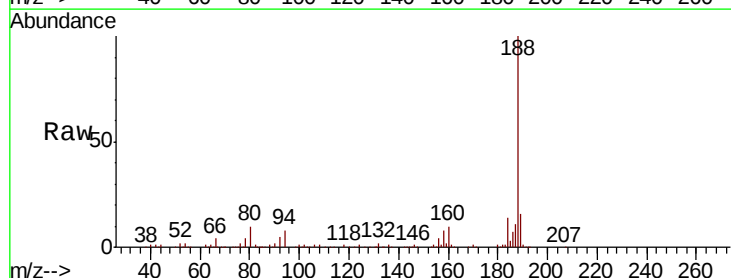
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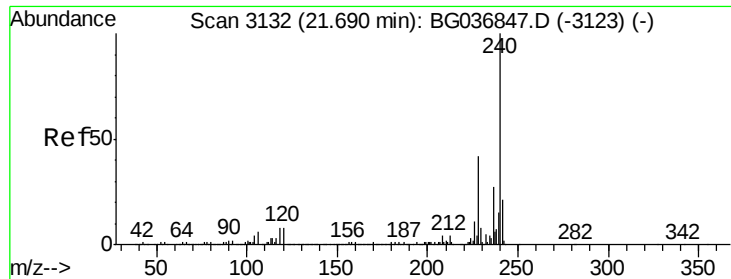
Tot Ion:165 Resp: 16399
Ion Ratio Lower Upper
165 100
63 2.7 40.1 60.1#
89 1.7 63.7 95.5#
182 0.0 2.5 3.7#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037081.D
Acq: 1 Oct 2018 18:19

Tgt Ion:188 Resp: 313558
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 9.7 8.1 12.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG037081.D

Acq: 1 Oct 2018 18:19

Instrument :

BNA_G

ClientSampleId :

QNWP8-EQUIP-BLANK

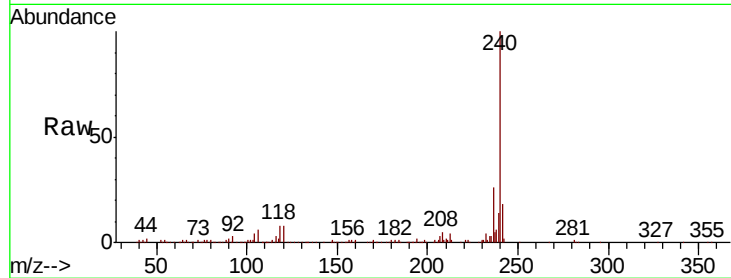
Tot Ion:240 Resp: 327466

Ion Ratio Lower Upper

240 100

120 8.5 6.9 10.3

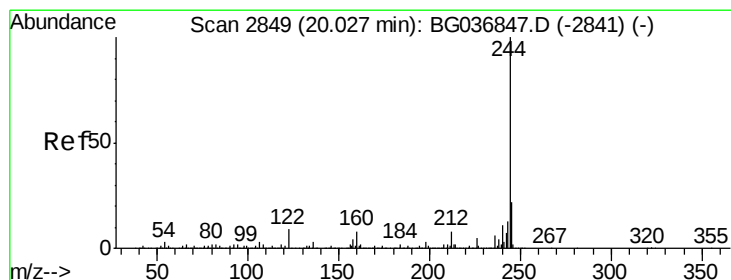
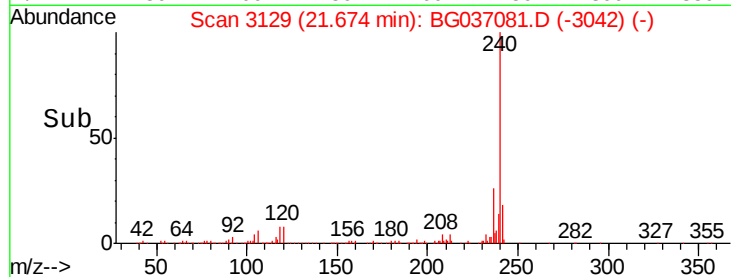
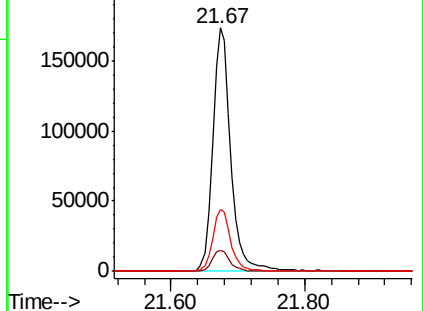
236 25.5 21.2 31.8



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: 89.387 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037081.D

Acq: 1 Oct 2018 18:19

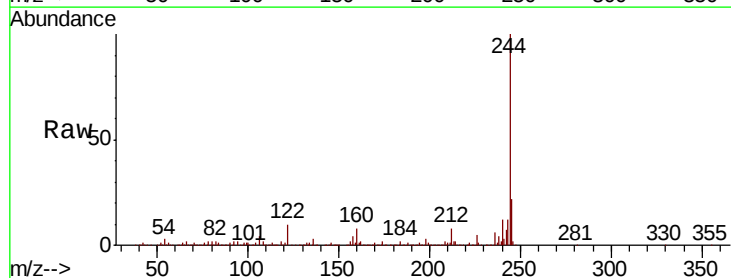
Tgt Ion:244 Resp: 1113189

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.6

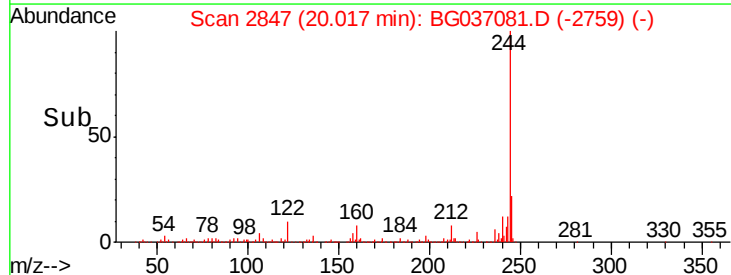
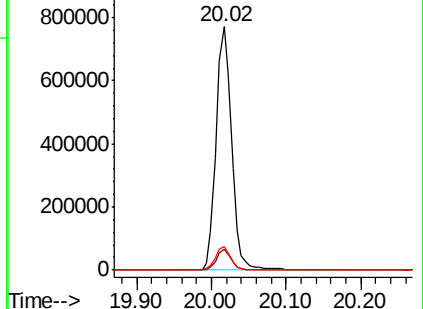
122 9.5 7.1 10.7

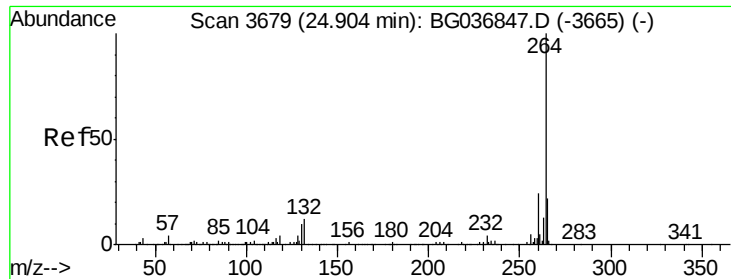


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

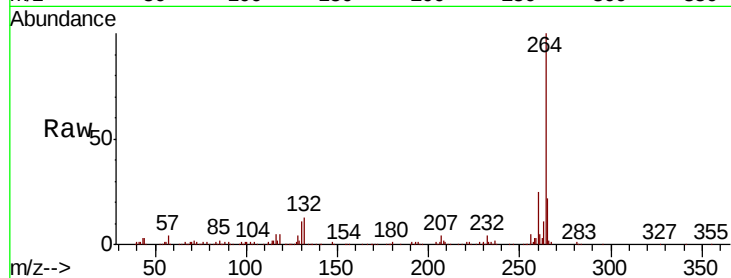




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3674
Delta R.T. -0.03 min
Lab File: BG037081.D
Acq: 1 Oct 2018 18:19

Instrument :
BNA_G
ClientSampleId :
QNWP8-EQUIP-BLANK

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	21.9	17.4	26.0



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

