

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100418\
 Data File : BG037142.D
 Acq On : 4 Oct 2018 2:20
 Operator : JU/SJ
 Sample : J5211-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Oct 04 04:21:24 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

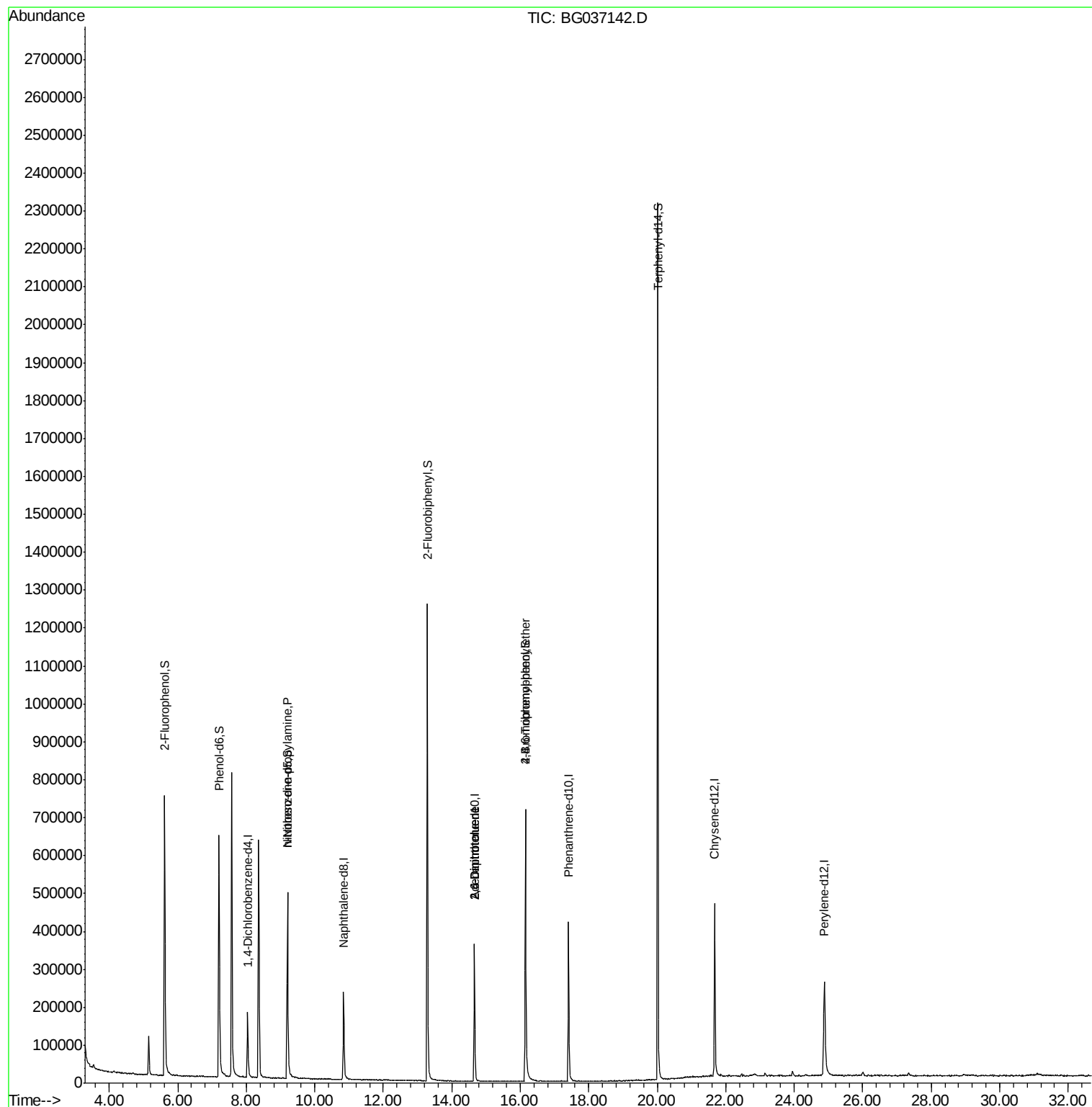
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	59052	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	239011	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	137929	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	320521	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	335883	20.00	ng	-0.01
86) Perylene-d12	24.88	264	318479	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	369770	120.09	ng	0.00
7) Phenol-d6	7.20	99	443514	93.10	ng	-0.01
23) Nitrobenzene-d5	9.20	82	378792	84.87	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	166928	101.15	ng	-0.02
44) 2-Fluorobiphenyl	13.29	172	747065	80.67	ng	-0.01
78) Terphenyl-d14	20.02	244	1163773	91.11	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	49548	12.502	ng	# 71
50) 2,6-Dinitrotoluene	14.66	165	17818	7.356	ng	# 23
56) 2,4-Dinitrotoluene	14.66	165	17878	5.289	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	10898	2.989	ng	# 1

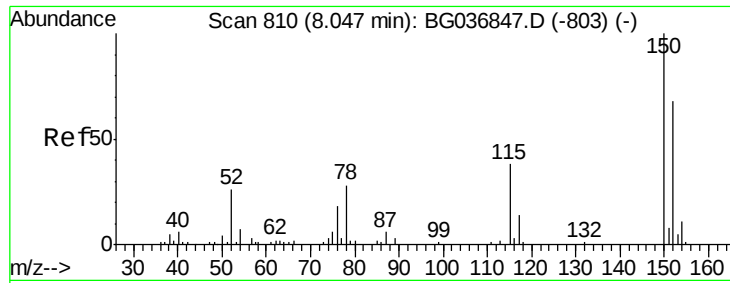
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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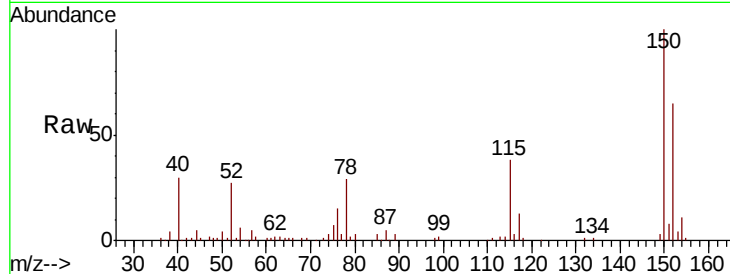


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037142.D
Acq: 4 Oct 2018 2:20

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.7	119.5	179.3
115	58.4	44.5	66.7

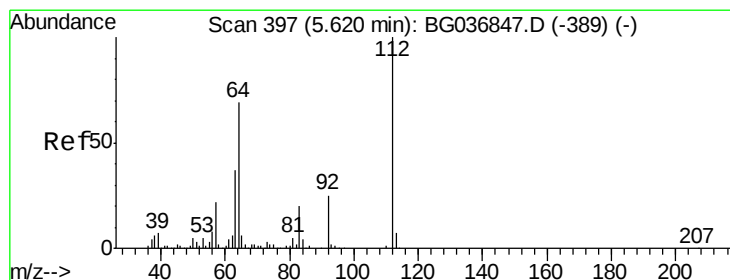
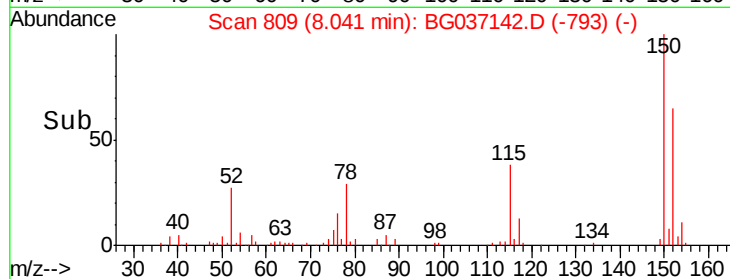
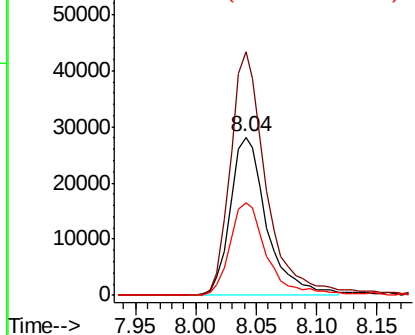


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

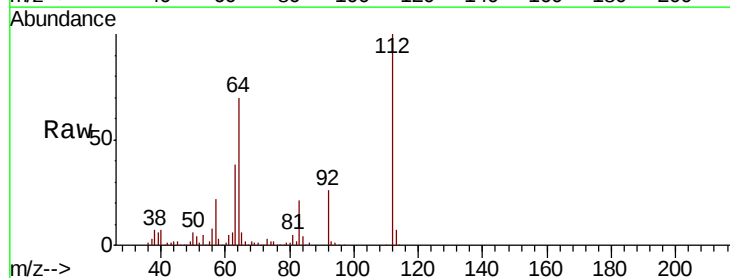
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 120.087 ng
RT: 5.62 min Scan# 397
Delta R.T. 0.00 min
Lab File: BG037142.D
Acq: 4 Oct 2018 2:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.8	57.2	85.8
63	37.6	30.8	46.2

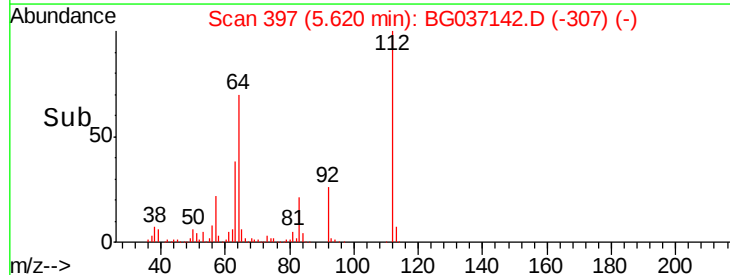
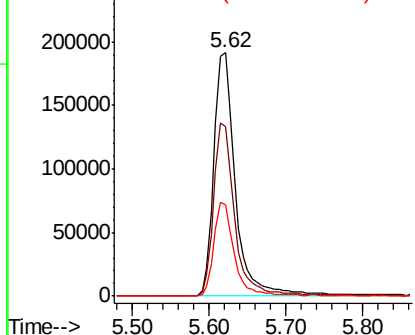


Abundance

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: 93.097 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037142.D

Acq: 4 Oct 2018 2:20

Instrument :

BNA_G

ClientSampled :

DFTPP

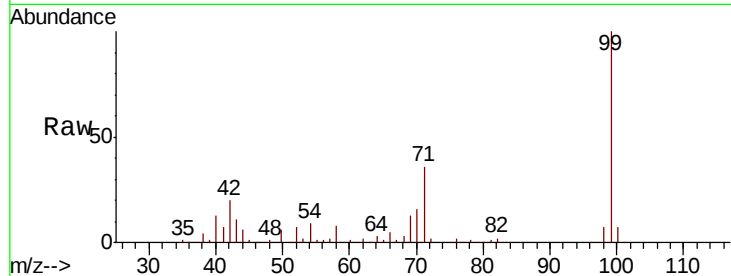
Tgt Ion: 99 Resp: 443514

Ion Ratio Lower Upper

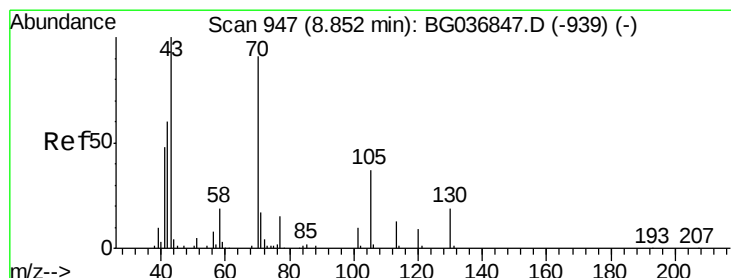
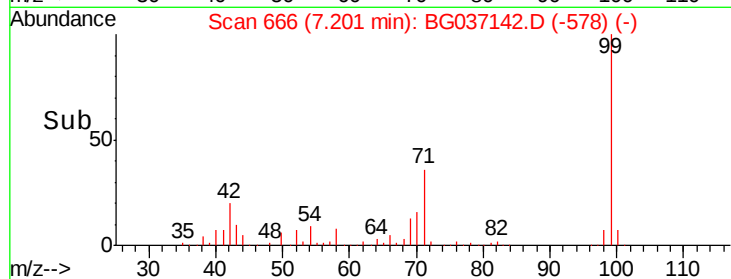
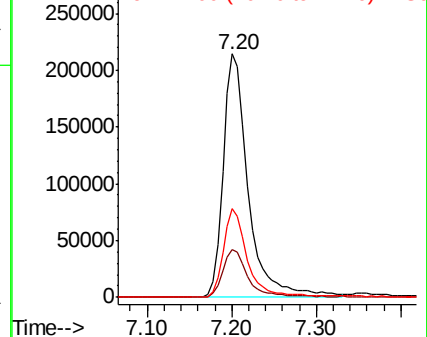
99 100

42 19.6 16.5 24.7

71 36.4 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: 12.502 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.35 min

Lab File: BG037142.D

Acq: 4 Oct 2018 2:20

Tgt Ion: 70 Resp: 49548

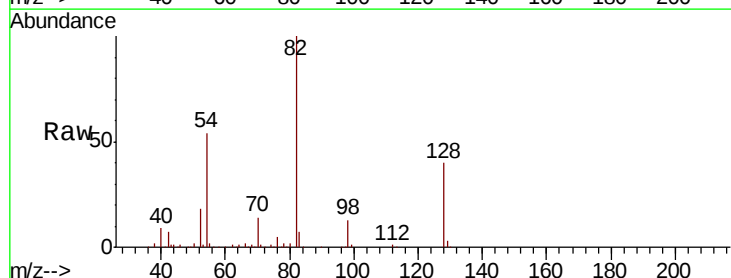
Ion Ratio Lower Upper

70 100

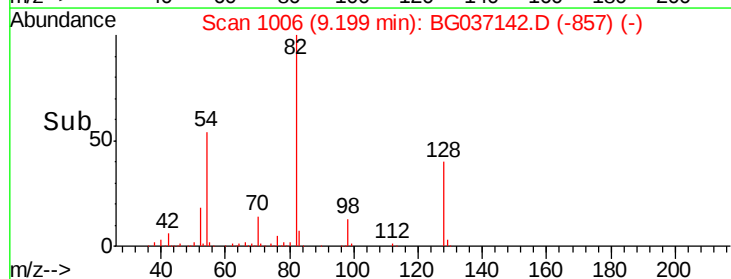
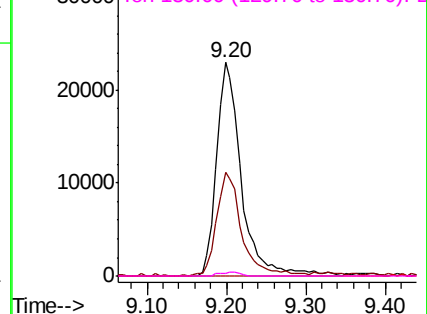
42 48.6 56.2 84.4#

101 0.0 7.8 11.6#

130 1.3 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

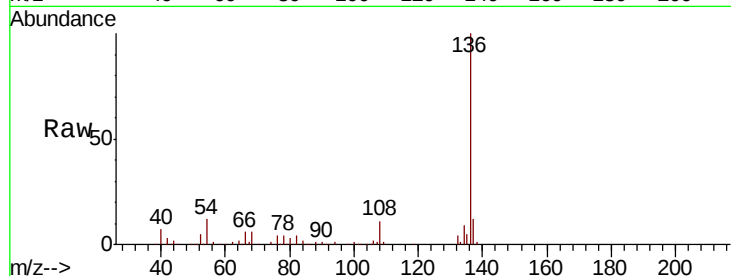




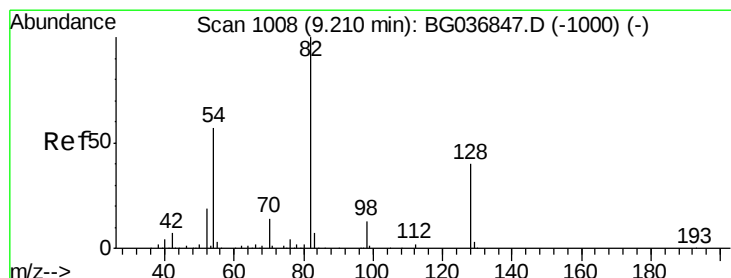
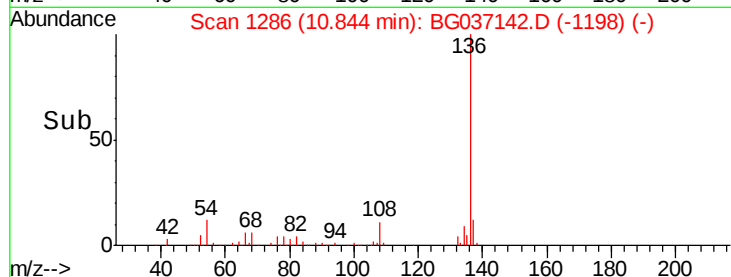
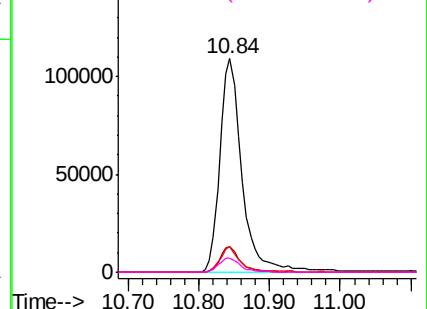
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037142.D
Acq: 4 Oct 2018 2:20

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:	136	Resp:	239011
Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.8	13.2
54	12.3	9.2	13.8
68	6.5	5.8	8.6

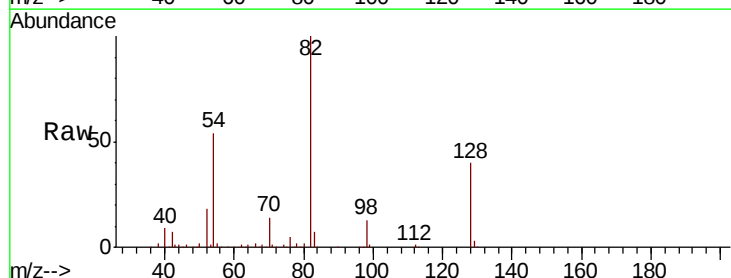


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

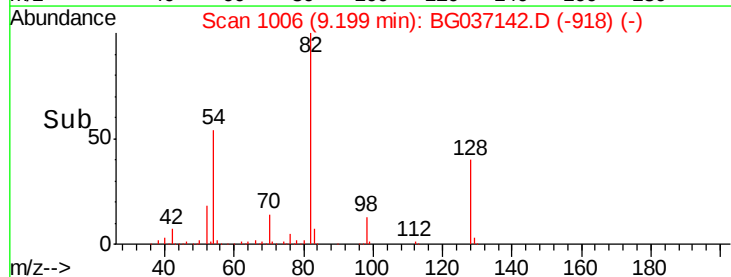
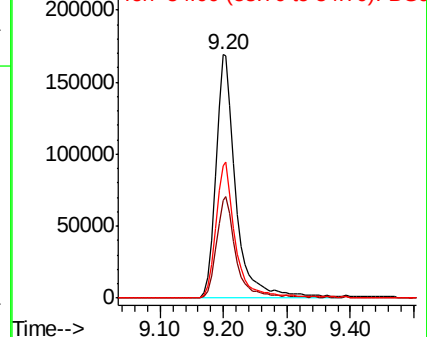


#23
Nitrobenzene-d5
Concen: 84.869 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037142.D
Acq: 4 Oct 2018 2:20

Tgt Ion:	82	Resp:	378792
Ion	Ratio	Lower	Upper
82	100		
128	39.9	33.3	49.9
54	54.2	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: BG037142.D

Acq: 4 Oct 2018 2:20

Instrument :

BNA_G

ClientSampleId :

DFTPP

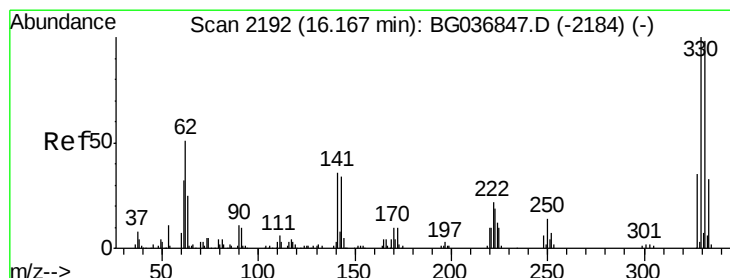
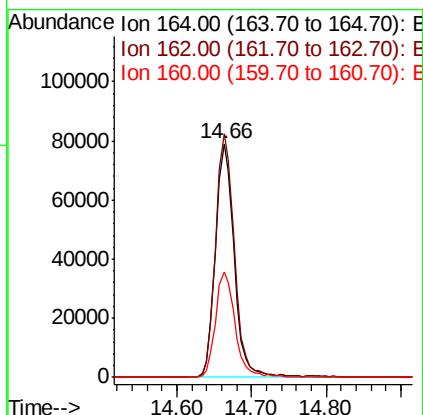
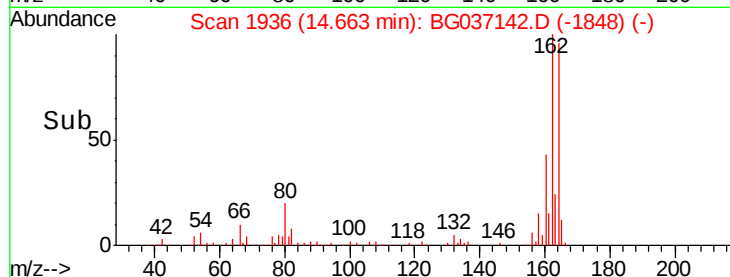
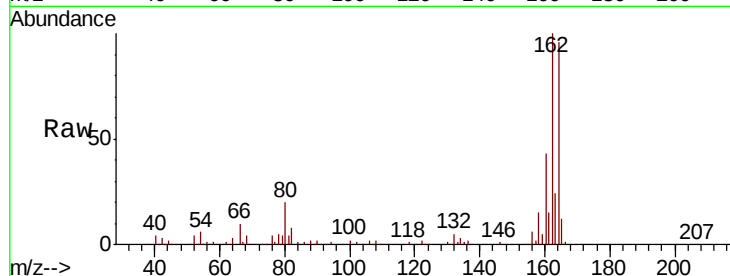
Tgt Ion:164 Resp: 137929

Ion Ratio Lower Upper

164 100

162 104.3 80.7 121.1

160 45.0 35.3 52.9



#41

2,4,6-Tribromophenol

Concen: 101.154 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BG037142.D

Acq: 4 Oct 2018 2:20

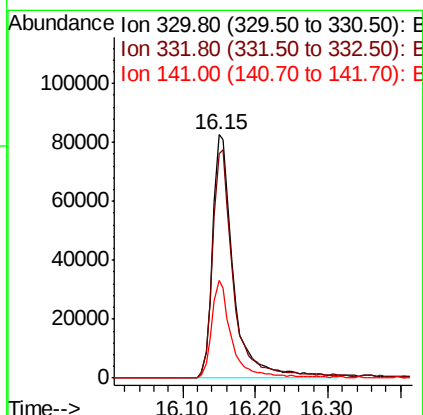
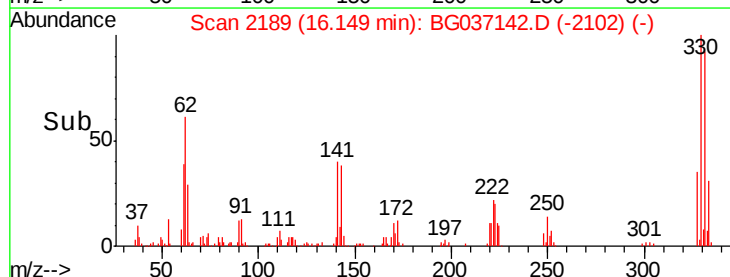
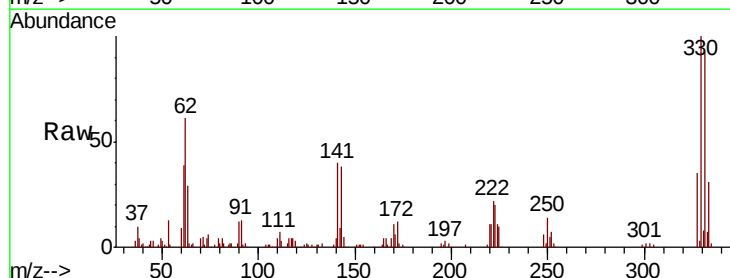
Tgt Ion:330 Resp: 166928

Ion Ratio Lower Upper

330 100

332 92.9 75.4 113.2

141 38.0 30.7 46.1

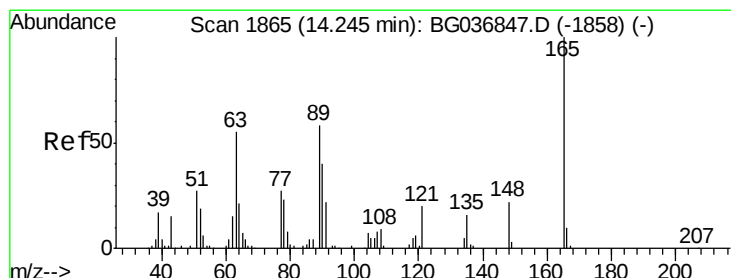
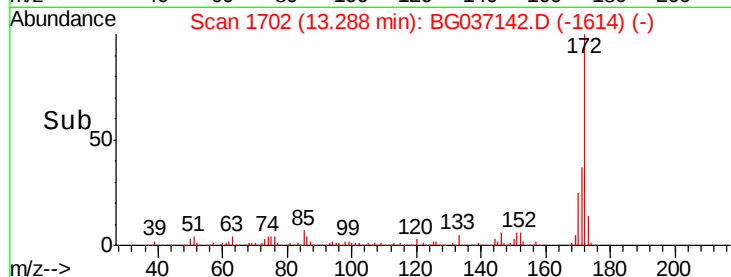
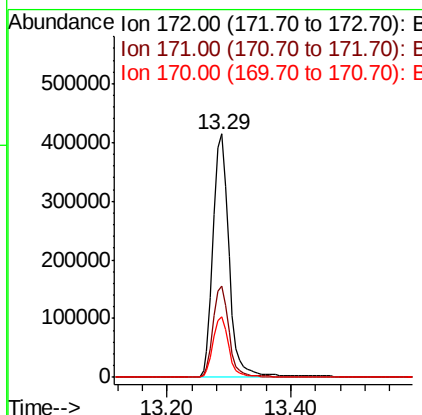
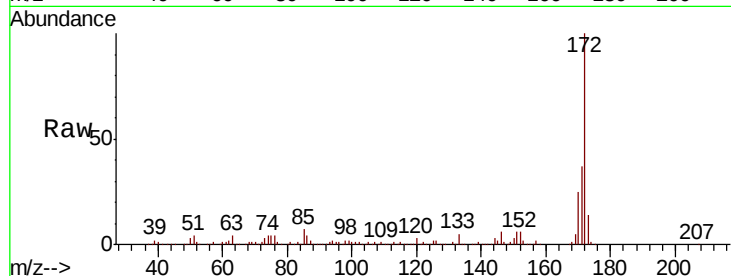




#44
 2-Fluorobiphenyl
 Concen: 80.670 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037142.D
 Acq: 4 Oct 2018 2:20

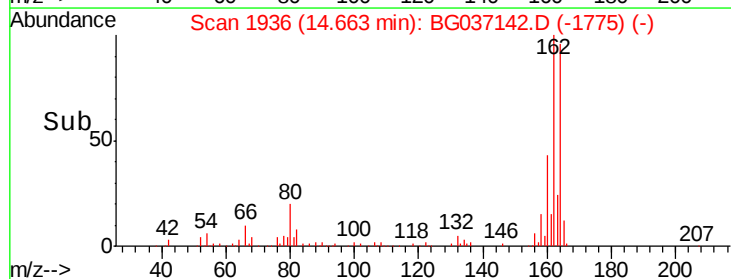
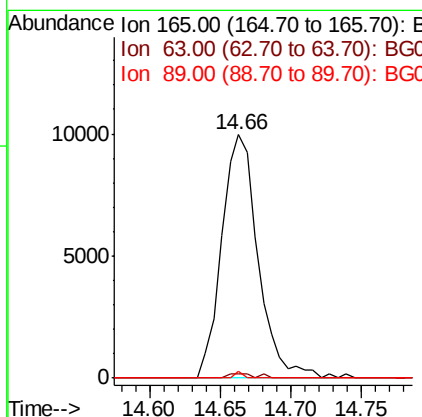
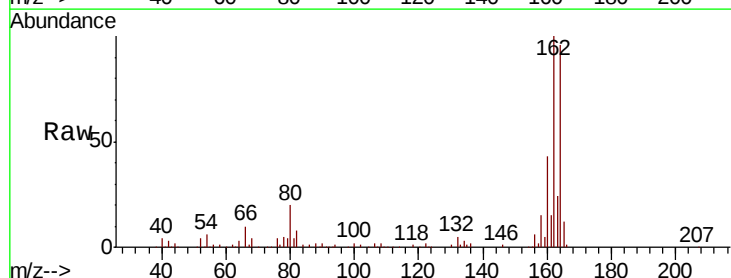
Instrument :
 BNA_G
 ClientSampled :
 DFTPP

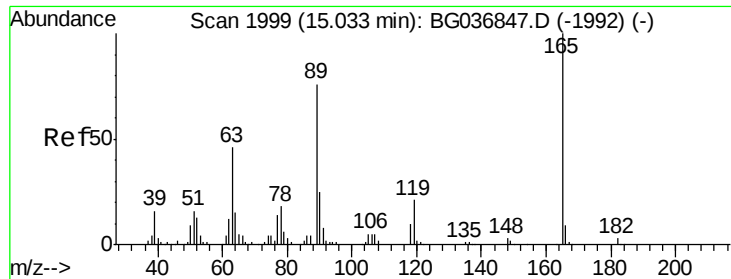
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.3	46.9
170	25.0	21.0	31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.356 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. 0.42 min
 Lab File: BG037142.D
 Acq: 4 Oct 2018 2:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	50.1	75.1#
89	2.7	47.8	71.6#

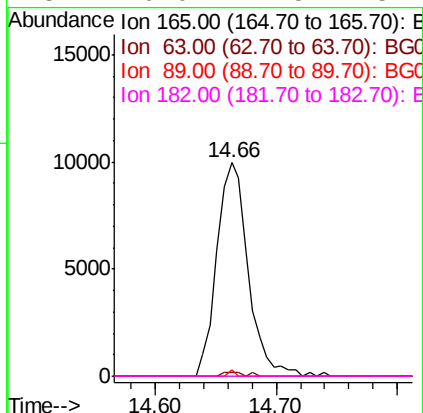
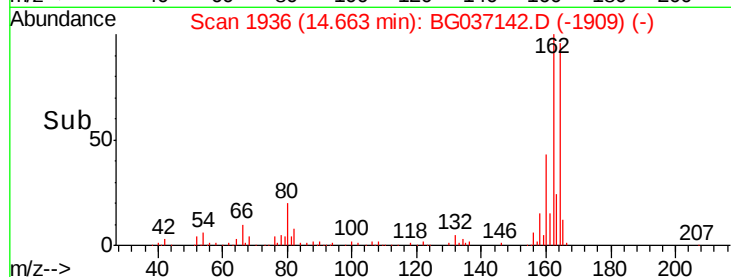
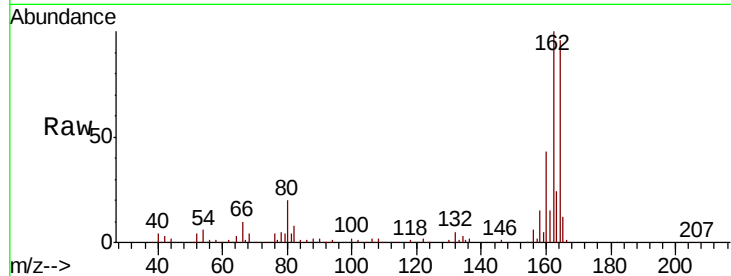




#56
 2,4-Dinitrotoluene
 Concen: 5.289 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.37 min
 Lab File: BG037142.D
 Acq: 4 Oct 2018 2:20

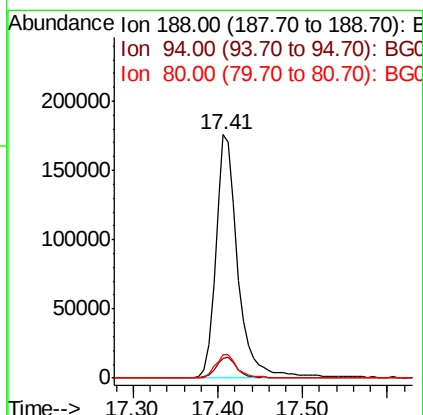
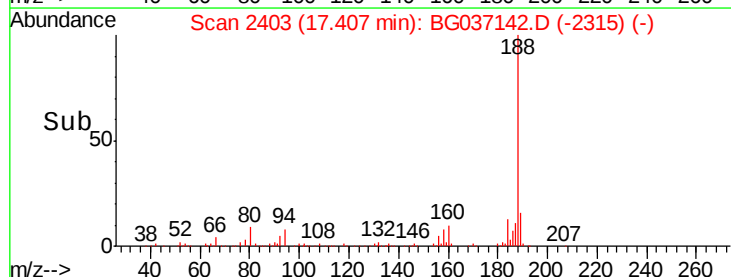
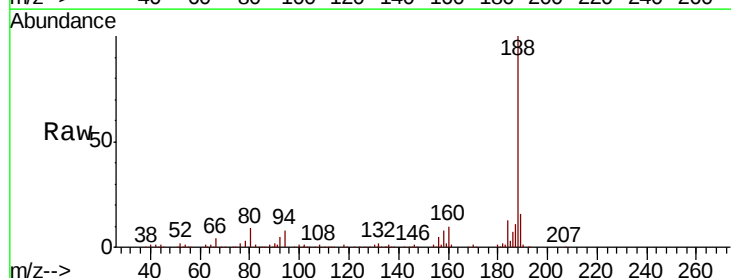
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

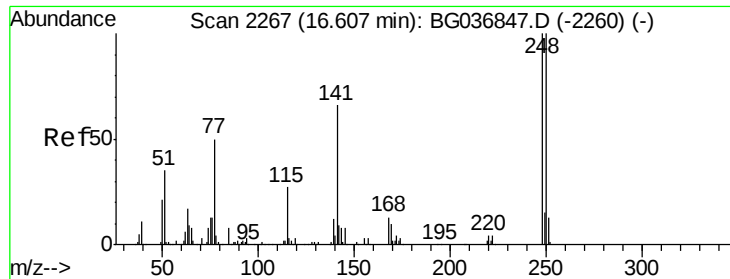
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.1	60.1#
89	2.7	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BG037142.D
 Acq: 4 Oct 2018 2:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.7	10.1
80	9.5	8.1	12.1

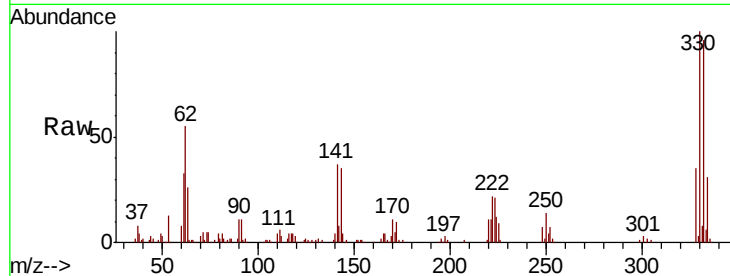




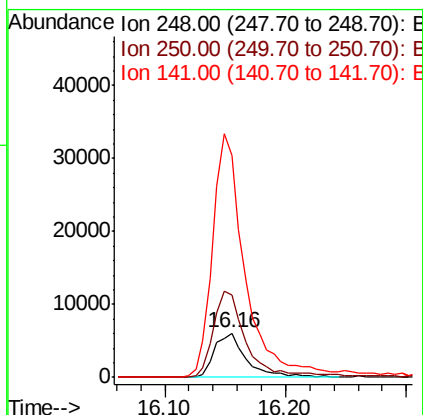
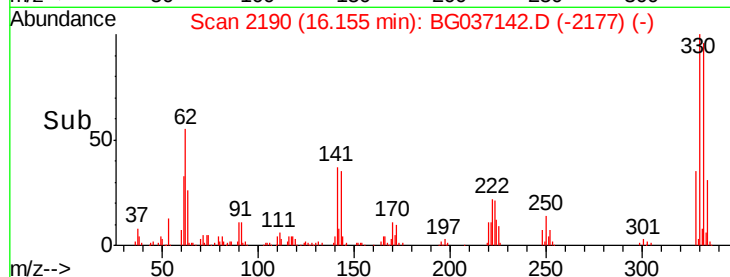
#66
 4-Bromophenyl-phenylether
 Concen: 2.989 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.45 min
 Lab File: BG037142.D
 Acq: 4 Oct 2018 2:20

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion:248 Resp: 10898
 Ion Ratio Lower Upper
 248 100
 250 187.9 78.1 117.1#
 141 504.5 53.7 80.5#

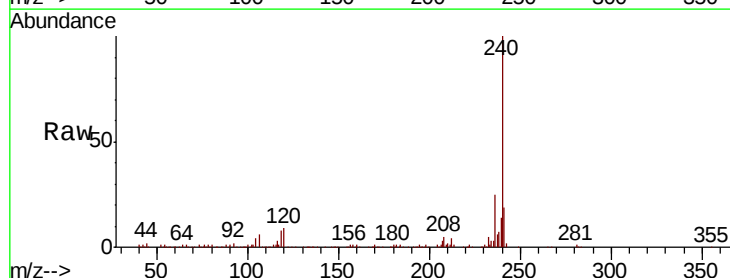


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

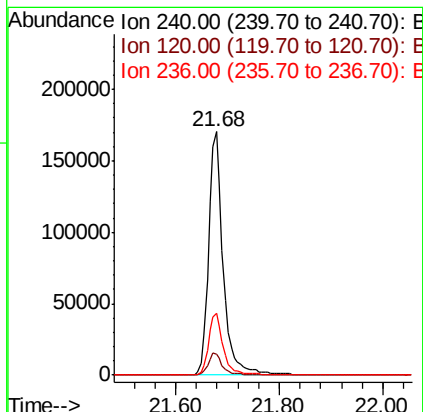
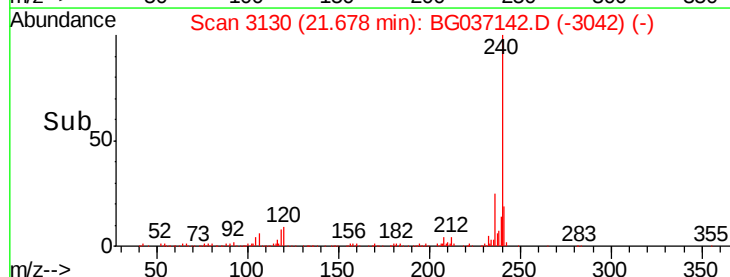


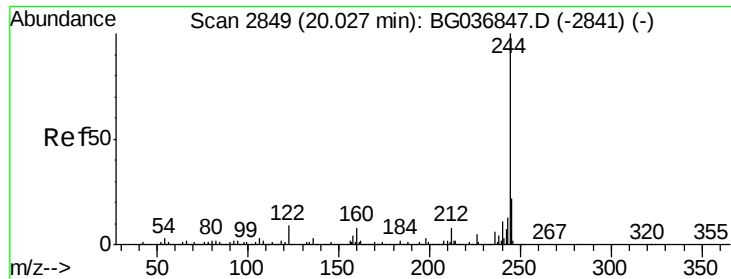
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG037142.D
 Acq: 4 Oct 2018 2:20

Tgt Ion:240 Resp: 335883
 Ion Ratio Lower Upper
 240 100
 120 8.7 6.9 10.3
 236 25.4 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: 91.107 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037142.D

Acq: 4 Oct 2018 2:20

Instrument :

BNA_G

ClientSampleId :

DFTPP

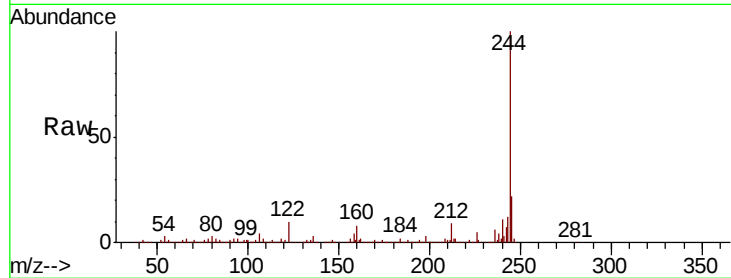
Tgt Ion:244 Resp: 1163773

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

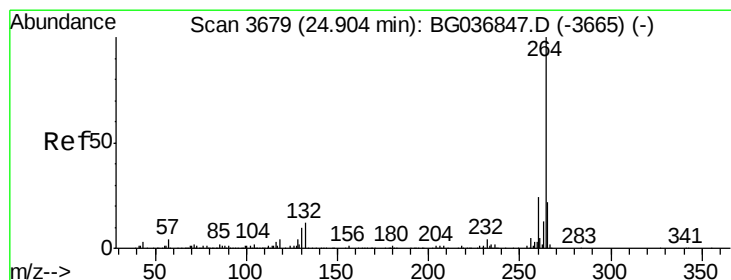
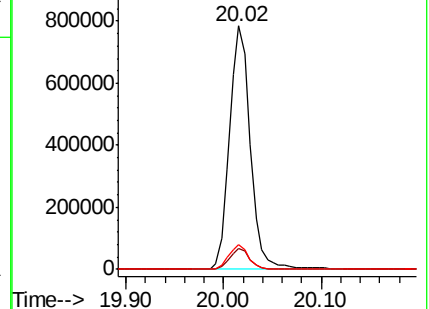
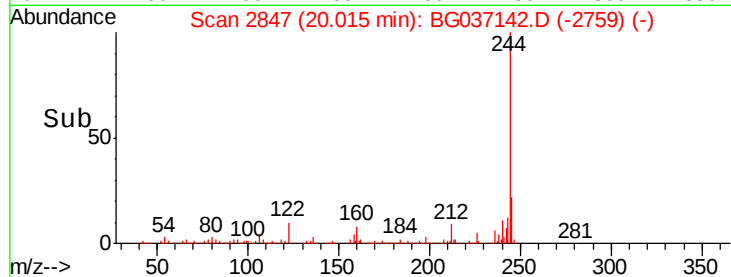
122 10.1 7.1 10.7



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

Perylene-d12

Concen: 20.000 ng

RT: 24.88 min Scan# 3675

Delta R.T. -0.02 min

Lab File: BG037142.D

Acq: 4 Oct 2018 2:20

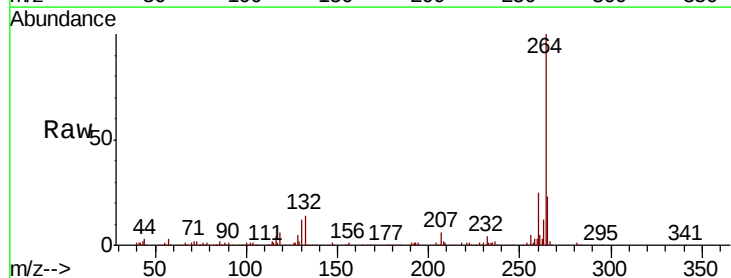
Tgt Ion:264 Resp: 318479

Ion Ratio Lower Upper

264 100

260 24.7 19.6 29.4

265 22.9 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

