

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120118\
 Data File : BG038293.D
 Acq On : 1 Dec 2018 18:46
 Operator : JU/SJ
 Sample : PB115213BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115213BL

Quant Time: Dec 03 01:08:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

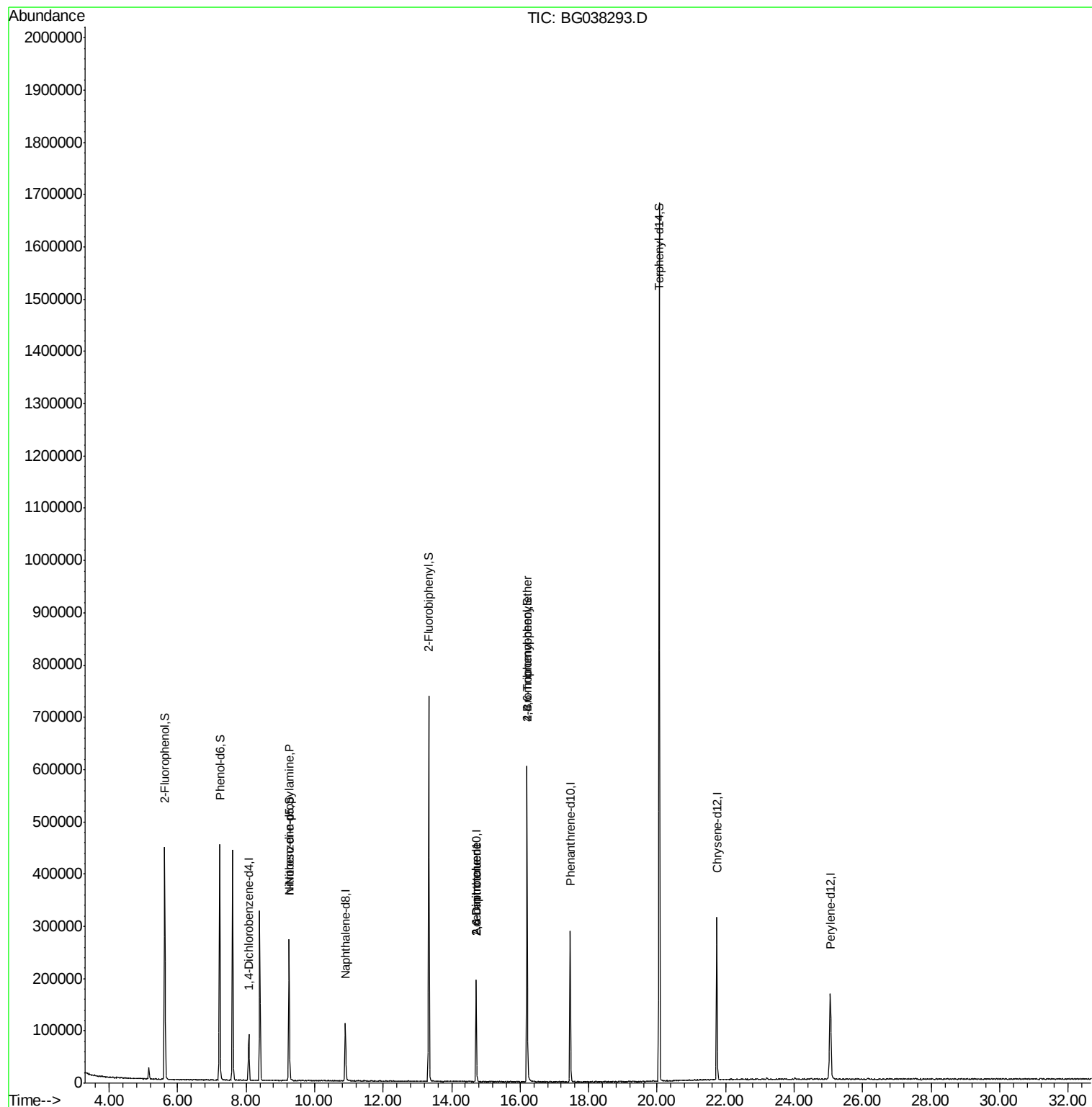
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	26115	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	106657	20.00	ng	-0.02
39) Acenaphthene-d10	14.71	164	70446	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	192767	20.00	ng	0.00
76) Chrysene-d12	21.74	240	194732	20.00	ng	-0.02
87) Perylene-d12	25.06	264	196497	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	193825	128.15	ng	0.00
7) Phenol-d6	7.23	99	268179	124.21	ng	0.00
23) Nitrobenzene-d5	9.25	82	168818	84.73	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	113110	140.79	ng	-0.02
45) 2-Fluorobiphenyl	13.33	172	395615	81.81	ng	-0.02
79) Terphenyl-d14	20.06	244	794036	95.95	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.25	70	22108	14.151	ng	# 71
51) 2,6-Dinitrotoluene	14.71	165	8890	7.033	ng	# 26
57) 2,4-Dinitrotoluene	14.71	165	8890	5.169	ng	# 25
67) 4-Bromophenyl-phenylether	16.20	248	7932	3.749	ng	# 1

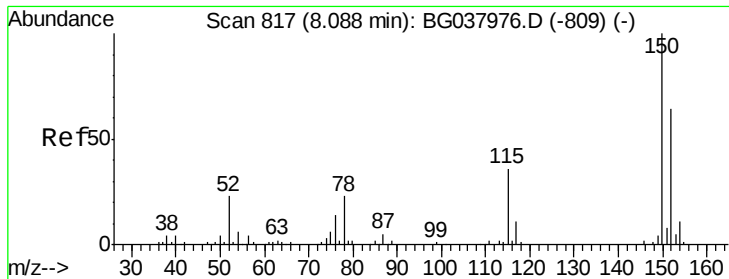
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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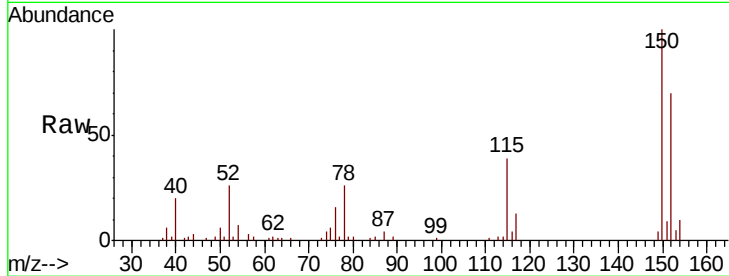


#1

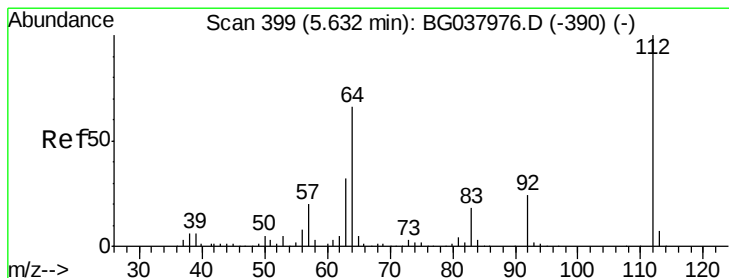
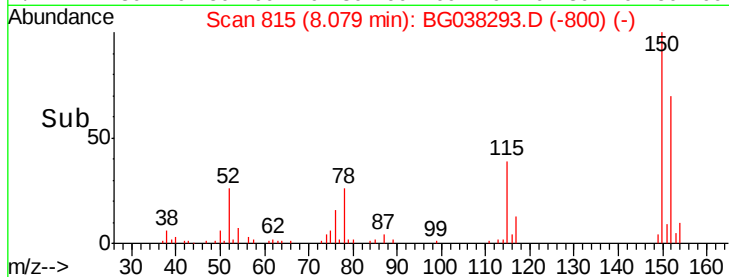
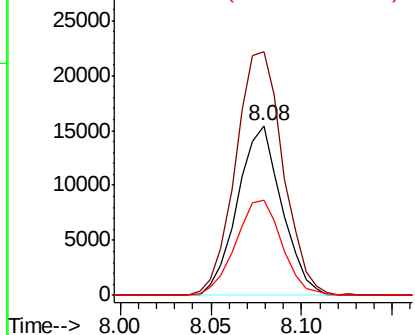
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG038293.D
Acq: 1 Dec 2018 18:46

Instrument :
BNA_G
ClientSampleId :
PB115213BL

Tot Ion:152 Resp: 26115
Ion Ratio Lower Upper
152 100
150 143.8 126.0 189.0
115 56.4 45.5 68.3



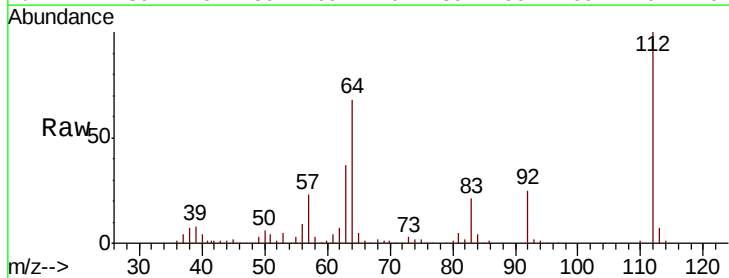
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



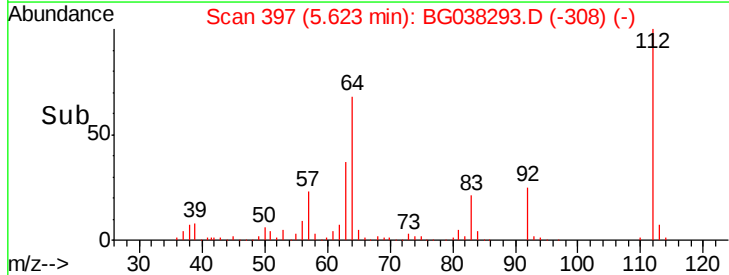
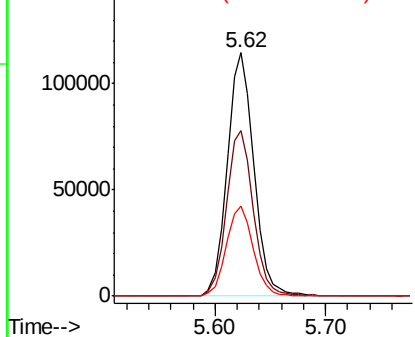
#5

2-Fluorophenol
Concen: 128.145 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG038293.D
Acq: 1 Dec 2018 18:46

Tgt Ion:112 Resp: 193825
Ion Ratio Lower Upper
112 100
64 67.9 53.1 79.7
63 37.0 27.3 40.9



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: 124.211 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038293.D

Acq: 1 Dec 2018 18:46

Instrument :

BNA_G

ClientSampleId :

PB115213BL

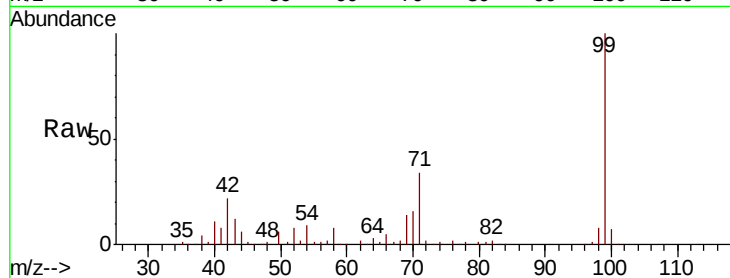
Tot Ion: 99 Resp: 268179

Ion Ratio Lower Upper

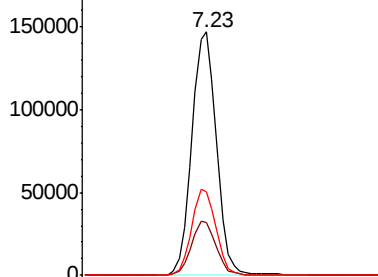
99 100

42 21.7 15.0 22.4

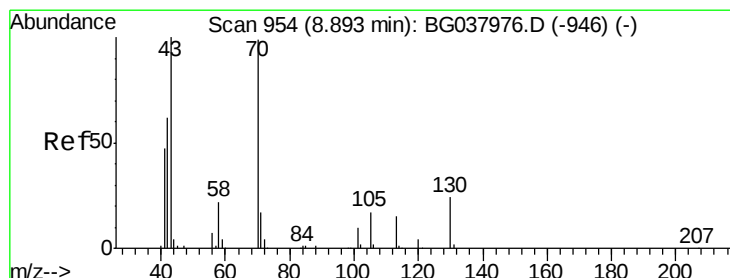
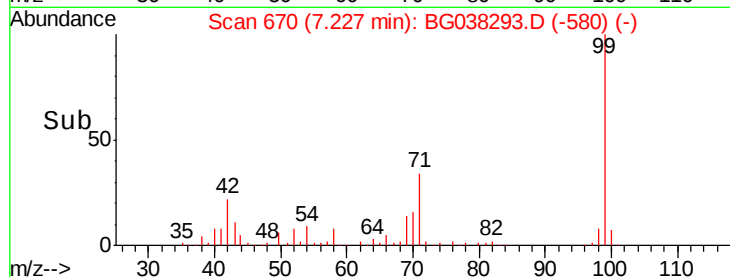
71 34.4 25.5 38.3



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



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 14.151 ng

RT: 9.25 min Scan# 1015

Delta R.T. 0.36 min

Lab File: BG038293.D

Acq: 1 Dec 2018 18:46

Tgt Ion: 70 Resp: 22108

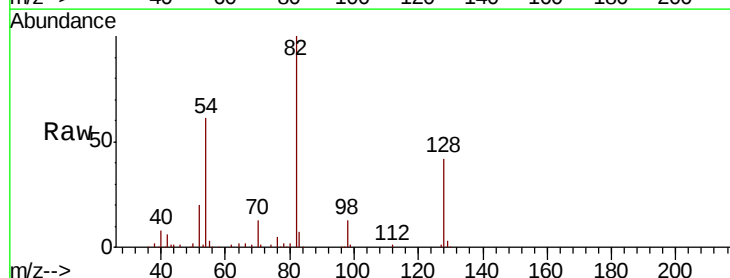
Ion Ratio Lower Upper

70 100

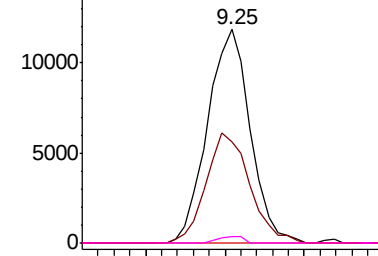
42 47.4 53.9 80.9#

101 0.0 8.2 12.2#

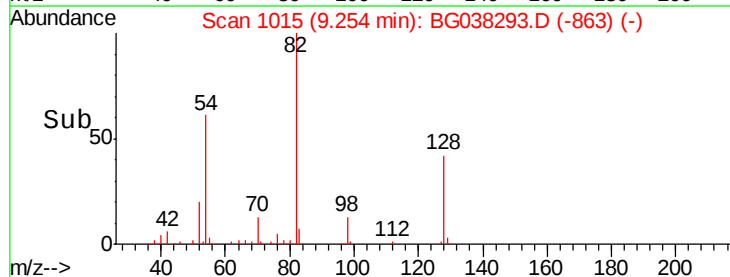
130 3.2 18.2 27.4#



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



Time-->





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.89 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BG038293.D

Acq: 1 Dec 2018 18:46

Instrument :

BNA_G

ClientSampleId :

PB115213BL

Tot Ion:136 Resp: 106657

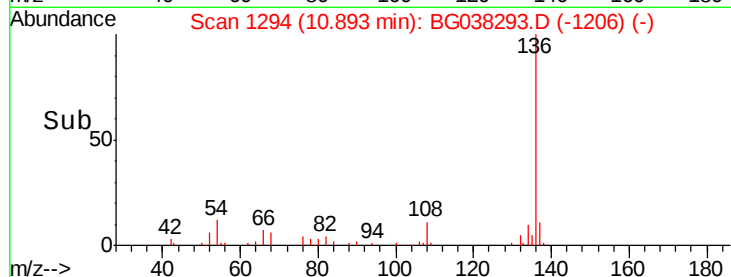
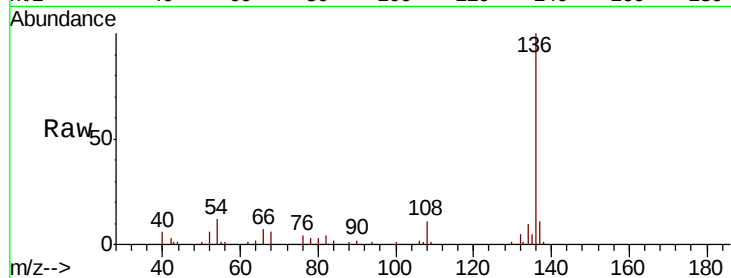
Ion Ratio Lower Upper

136 100

137 11.0 9.6 14.4

54 12.3 7.9 11.9#

68 6.2 4.8 7.2

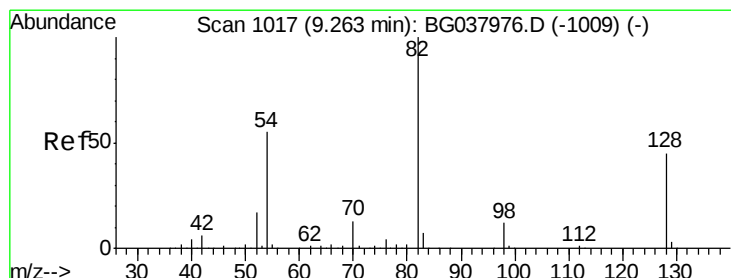
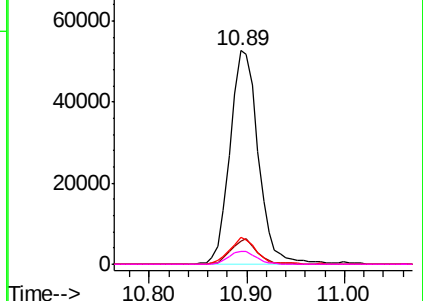


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.728 ng

RT: 9.25 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BG038293.D

Acq: 1 Dec 2018 18:46

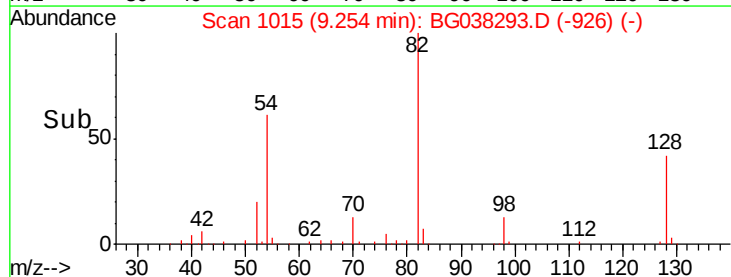
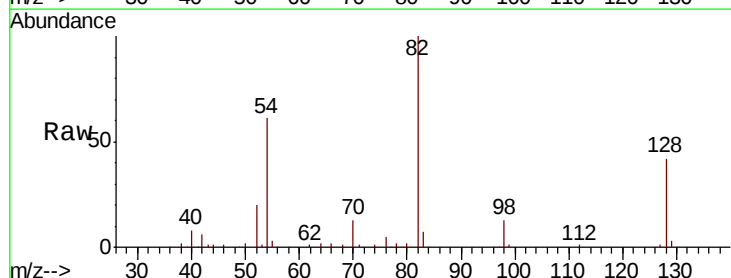
Tgt Ion: 82 Resp: 168818

Ion Ratio Lower Upper

82 100

128 42.2 34.6 51.8

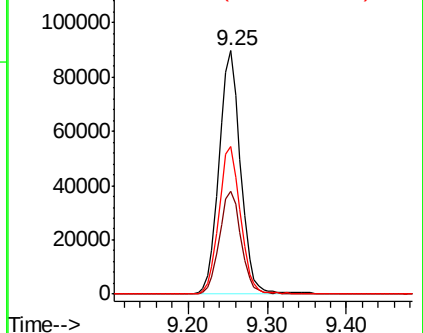
54 60.7 45.3 67.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG038293.D

Acq: 1 Dec 2018 18:46

Instrument :

BNA_G

ClientSampleId :

PB115213BL

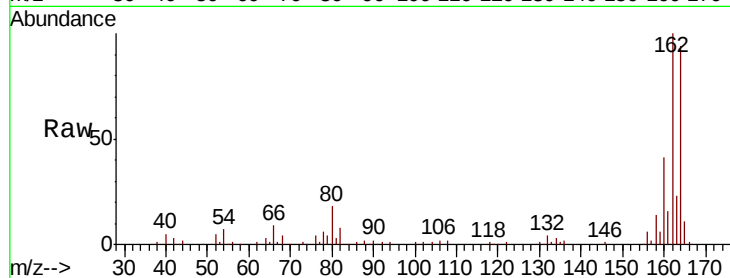
Tot Ion:164 Resp: 70446

Ion Ratio Lower Upper

164 100

162 106.0 81.3 121.9

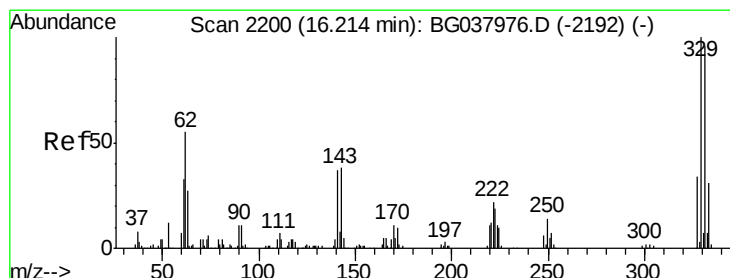
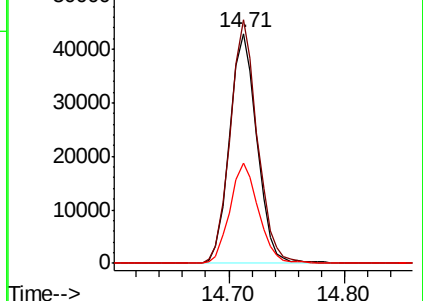
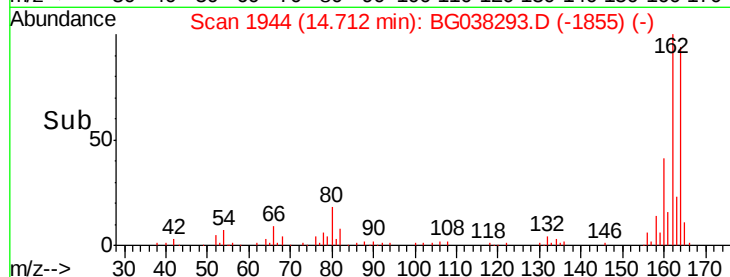
160 43.4 36.3 54.5



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



#42

2,4,6-Tribromophenol

Concen: 140.786 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.02 min

Lab File: BG038293.D

Acq: 1 Dec 2018 18:46

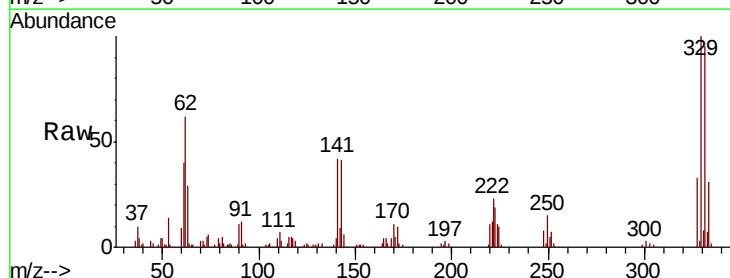
Tgt Ion:330 Resp: 113110

Ion Ratio Lower Upper

330 100

332 95.0 78.4 117.6

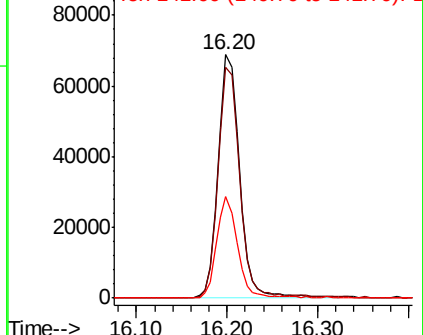
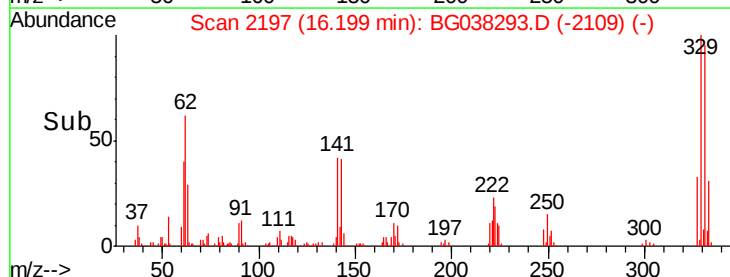
141 40.3 32.2 48.2



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

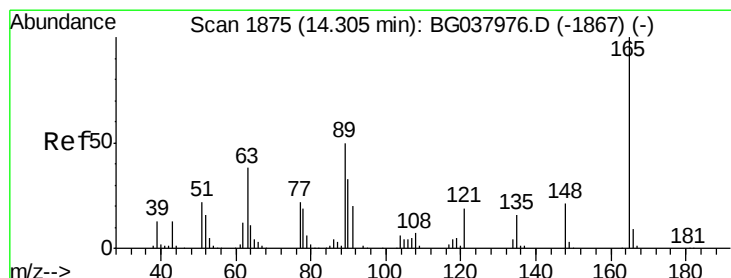
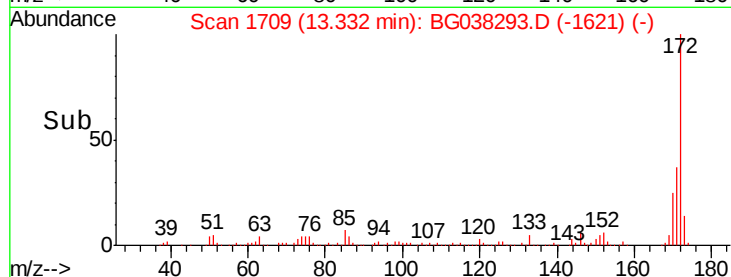
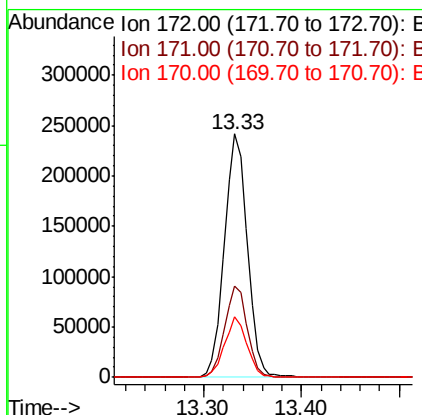
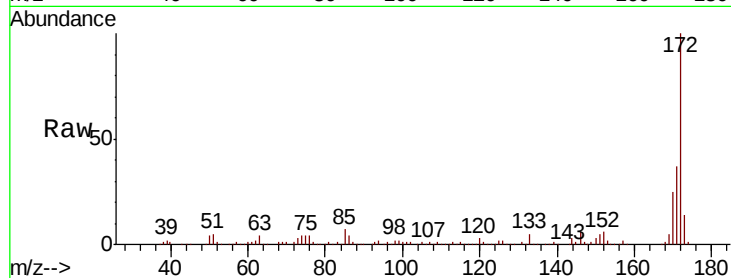




#45
 2-Fluorobiphenyl
 Concen: 81.815 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BG038293.D
 Acq: 1 Dec 2018 18:46

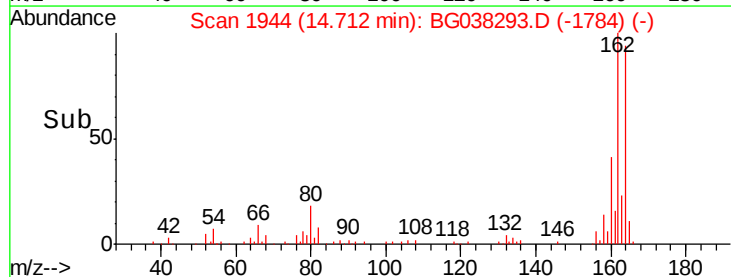
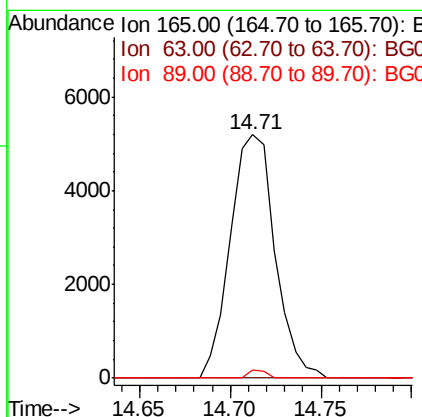
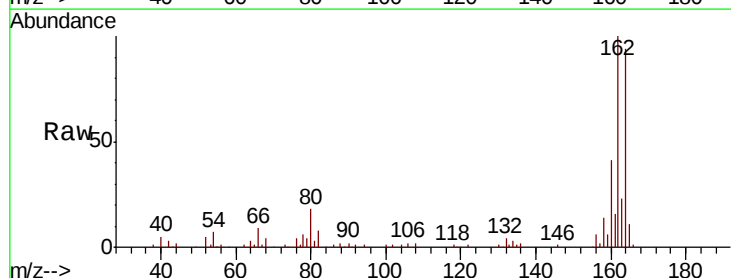
Instrument :
 BNA_G
 ClientSampleId :
 PB115213BL

Tot Ion:172 Resp: 395615
 Ion Ratio Lower Upper
 172 100
 171 37.4 31.0 46.4
 170 24.6 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.033 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. 0.41 min
 Lab File: BG038293.D
 Acq: 1 Dec 2018 18:46

Tgt Ion:165 Resp: 8890
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.4 65.2#
 89 3.1 45.8 68.6#

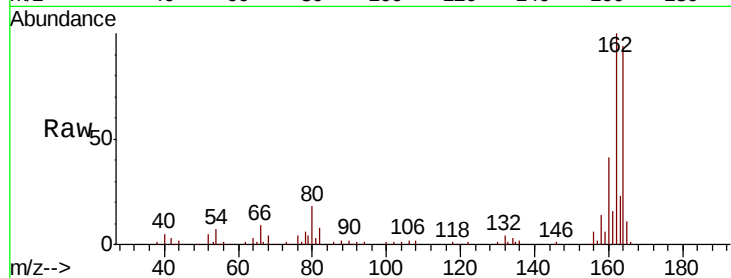




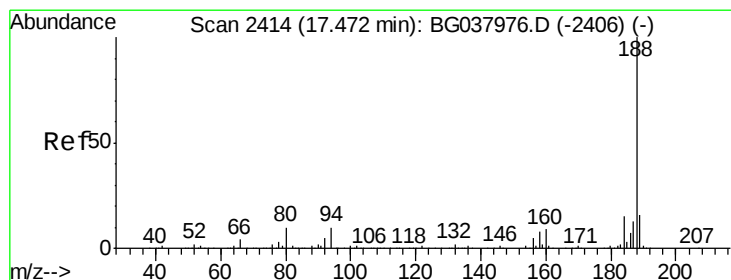
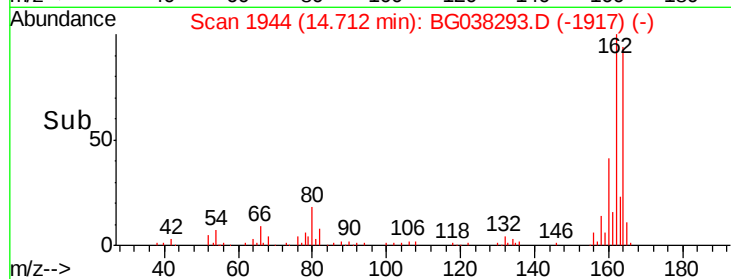
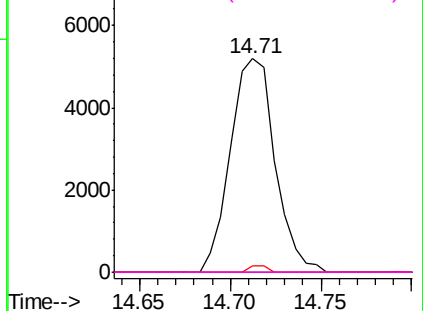
#57
 2,4-Dinitrotoluene
 Concen: 5.169 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. -0.37 min
 Lab File: BG038293.D
 Acq: 1 Dec 2018 18:46

Instrument :
 BNA_G
 ClientSampleId :
 PB115213BL

Tot Ion:165	Resp:	8890
Ion Ratio	Lower	Upper
165	100	
63	0.0	33.4 50.0#
89	3.1	57.2 85.8#
182	0.0	2.6 4.0#

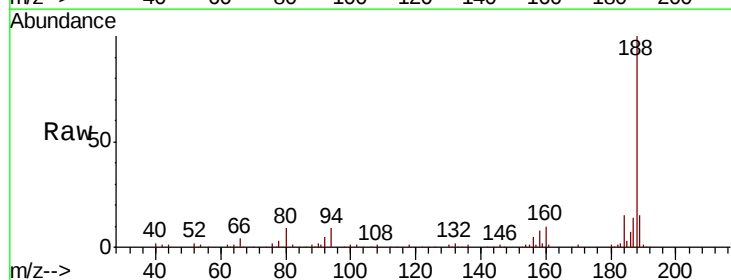


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

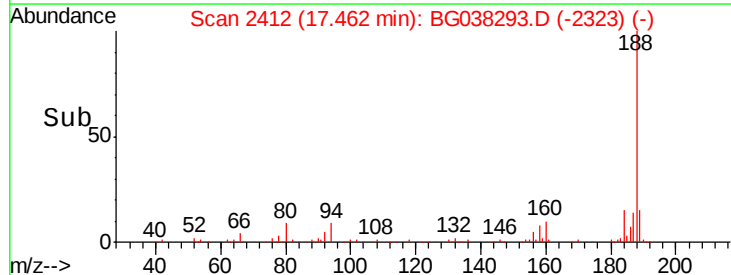
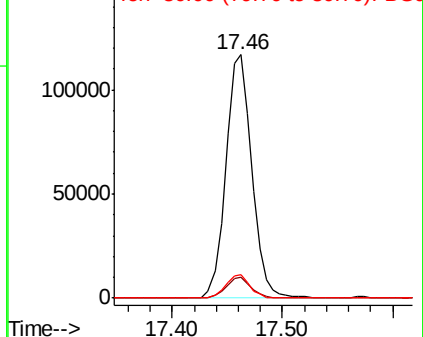


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG038293.D
 Acq: 1 Dec 2018 18:46

Tgt Ion:188	Resp:	192767
Ion Ratio	Lower	Upper
188	100	
94	8.6	7.2 10.8
80	9.4	7.7 11.5



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

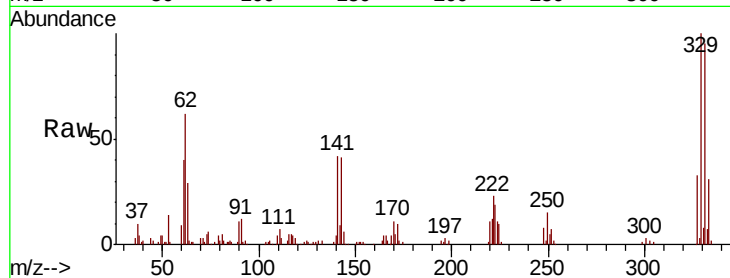




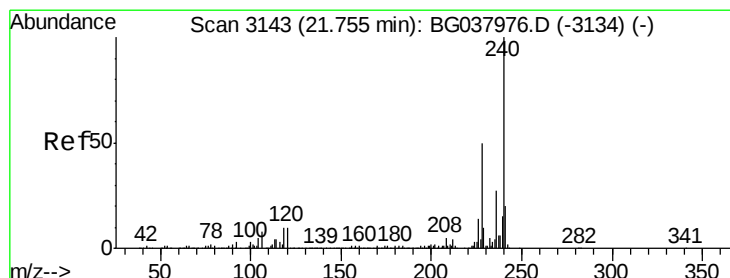
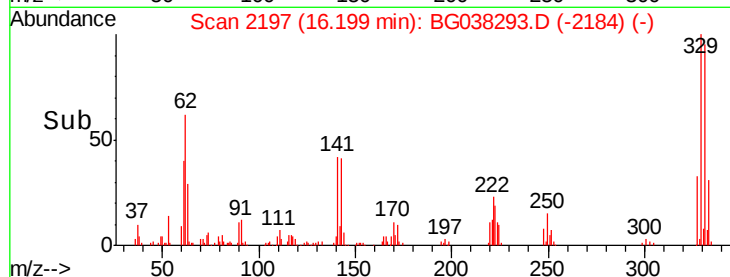
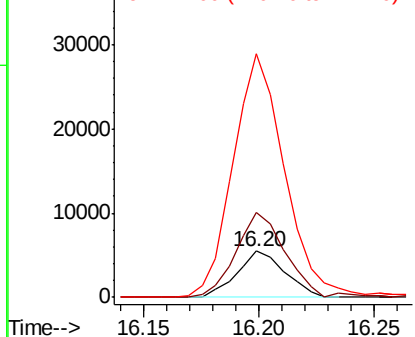
#67
 4-Bromophenyl-phenylether
 Concen: 3.749 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.46 min
 Lab File: BG038293.D
 Acq: 1 Dec 2018 18:46

Instrument :
 BNA_G
 ClientSampleId :
 PB115213BL

Tot Ion:248 Resp: 7932
 Ion Ratio Lower Upper
 248 100
 250 188.8 77.0 115.6#
 141 414.8 55.5 83.3#

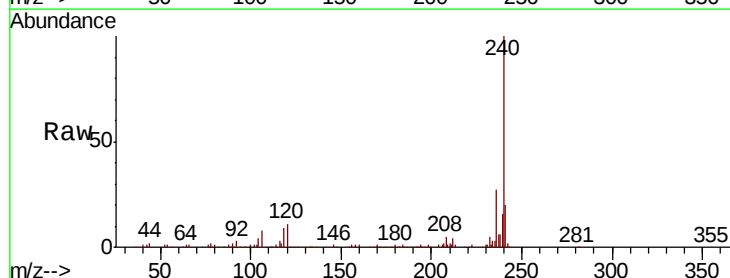


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

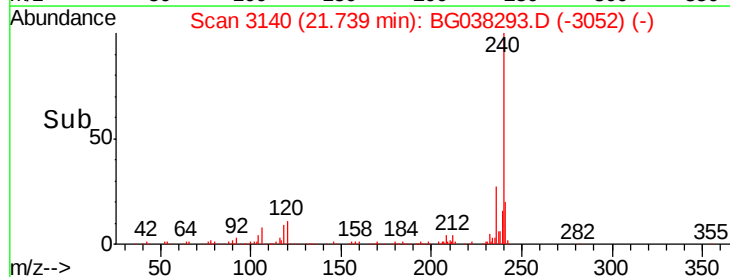
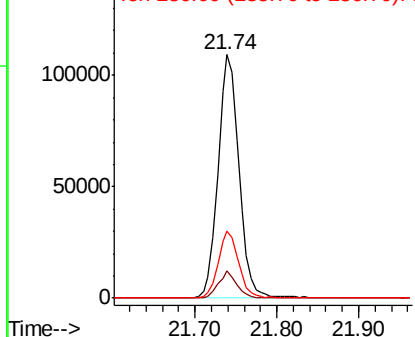


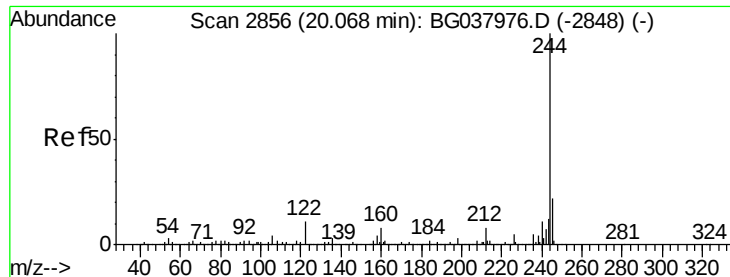
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. -0.02 min
 Lab File: BG038293.D
 Acq: 1 Dec 2018 18:46

Tgt Ion:240 Resp: 194732
 Ion Ratio Lower Upper
 240 100
 120 11.3 8.1 12.1
 236 27.3 21.4 32.0



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





#79

Terphenyl-d14

Concen: 95.946 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG038293.D

Acq: 1 Dec 2018 18:46

Instrument :

BNA_G

ClientSampleId :

PB115213BL

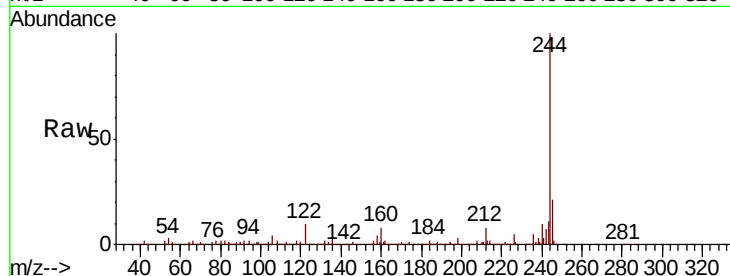
Tot Ion:244 Resp: 794036

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

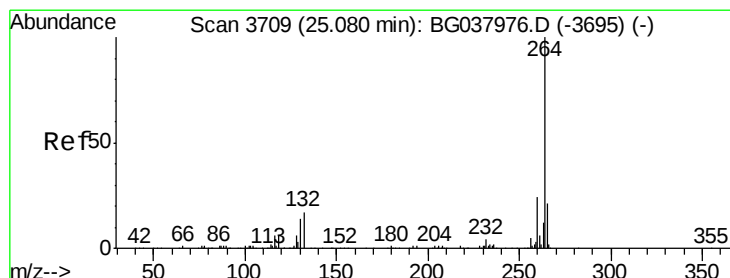
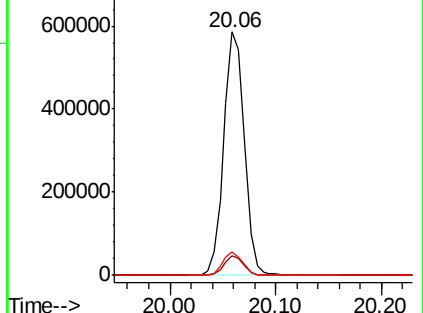
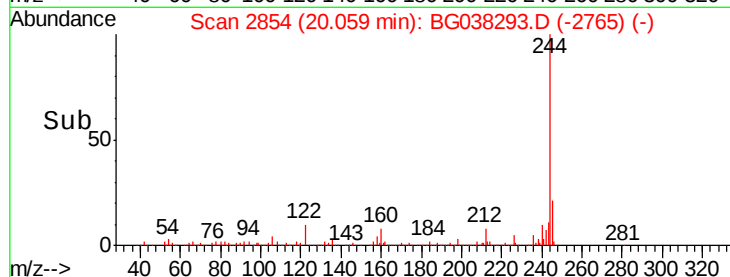
122 9.6 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3705

Delta R.T. -0.02 min

Lab File: BG038293.D

Acq: 1 Dec 2018 18:46

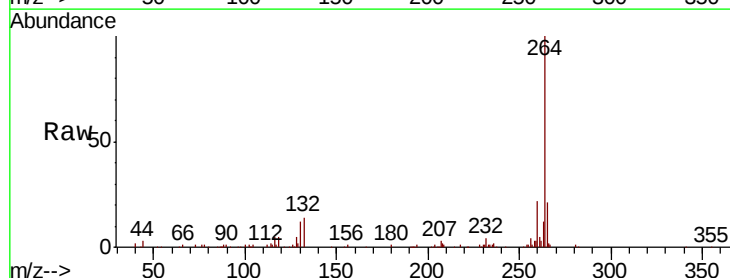
Tgt Ion:264 Resp: 196497

Ion Ratio Lower Upper

264 100

260 21.7 18.2 27.4

265 20.6 17.9 26.9



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

