

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100118\
 Data File : BG037090.D
 Acq On : 2 Oct 2018 00:08
 Operator : JU/SJ
 Sample : PB113393BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113393BL

Quant Time: Oct 02 05:33:42 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

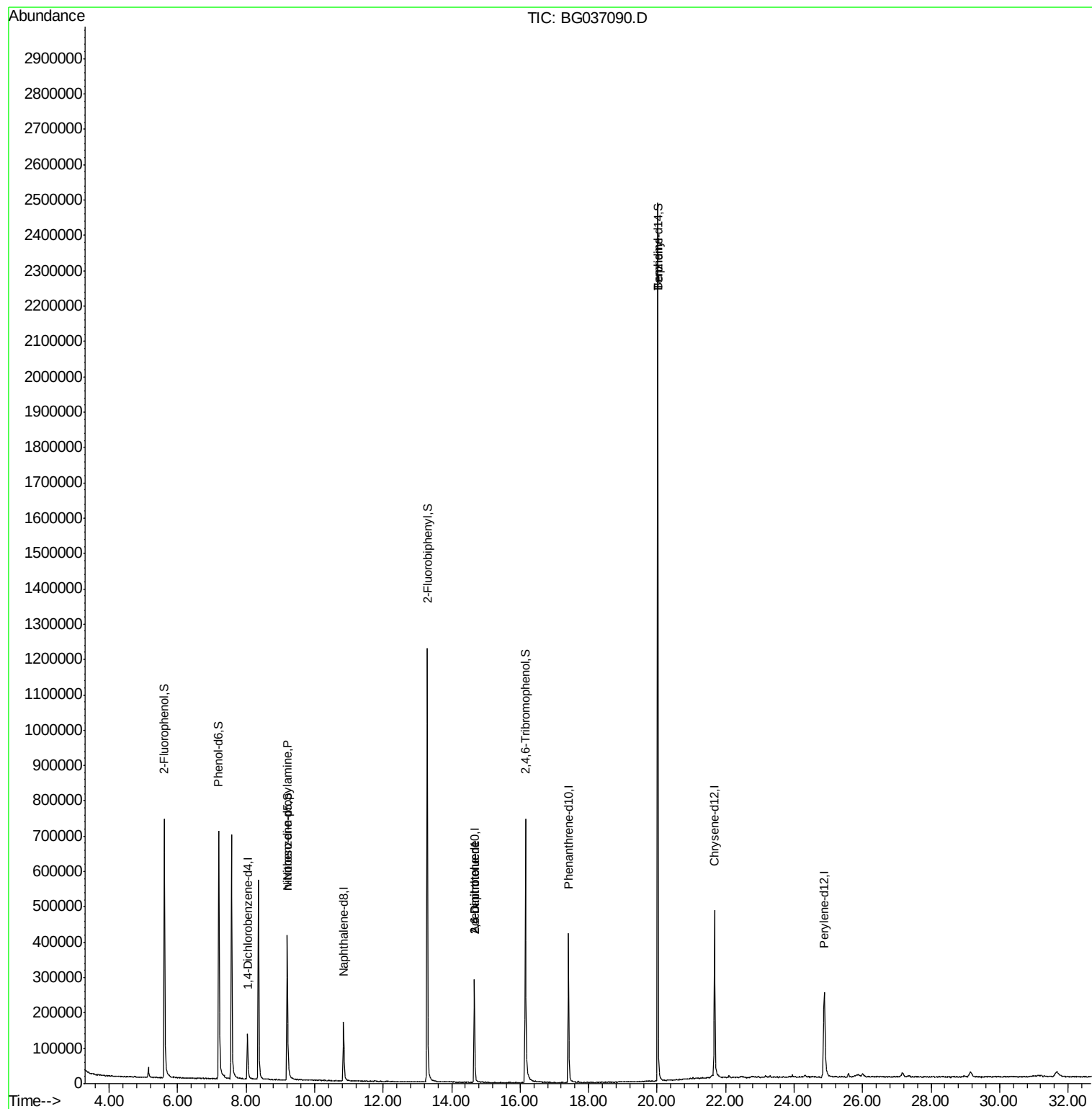
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	44343	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	183190	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	116852	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	309924	20.00	ng	0.00
75) Chrysene-d12	21.68	240	333219	20.00	ng	-0.01
86) Perylene-d12	24.88	264	316180	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	354541	153.33	ng	0.00
7) Phenol-d6	7.20	99	480463	134.31	ng	-0.01
23) Nitrobenzene-d5	9.20	82	319780	93.48	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	172032	123.05	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	711614	90.70	ng	-0.01
78) Terphenyl-d14	20.02	244	1262734	99.64	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	41526	13.954	ng	# 72
50) 2,6-Dinitrotoluene	14.67	165	14616	7.122	ng	# 20
56) 2,4-Dinitrotoluene	14.67	165	14615	5.104	ng	# 18
76) Benzidine	20.02	184	21645	2.149	ng	# 92

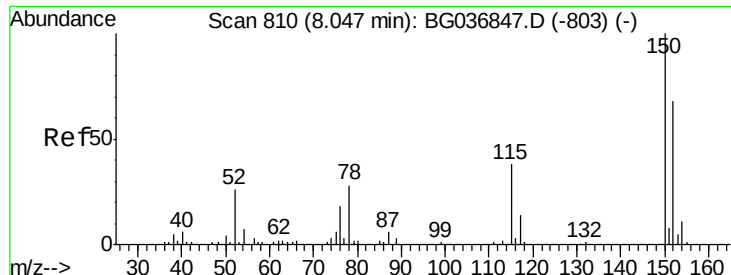
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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. -0.00 min

Lab File: BG037090.D

Acq: 2 Oct 2018 00:08

Instrument :

BNA_G

ClientSampleId :

PB113393BL

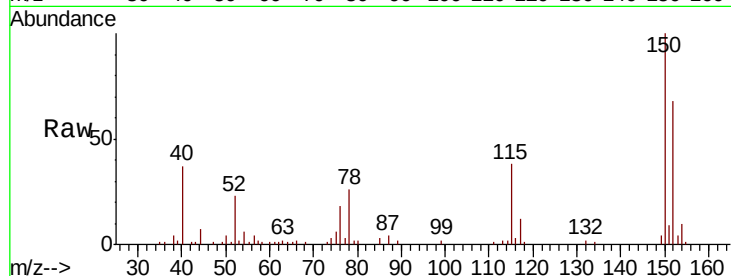
Tgt Ion:152 Resp: 44343

Ion Ratio Lower Upper

152 100

150 147.3 119.5 179.3

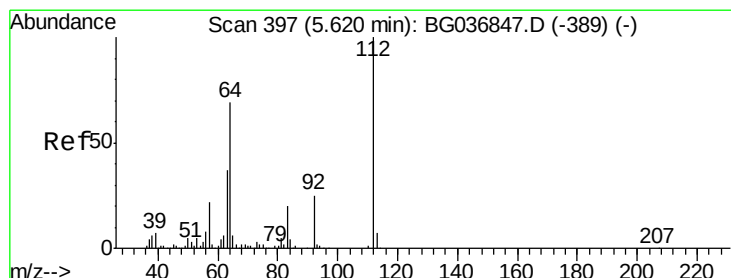
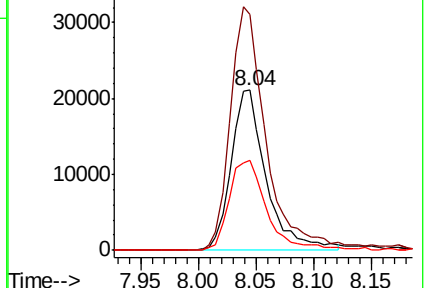
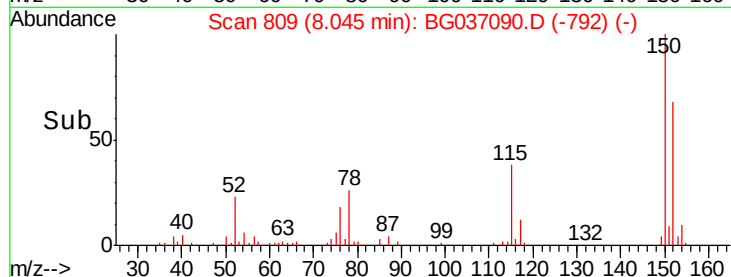
115 56.1 44.5 66.7



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: 153.335 ng

RT: 5.61 min Scan# 395

Delta R.T. -0.01 min

Lab File: BG037090.D

Acq: 2 Oct 2018 00:08

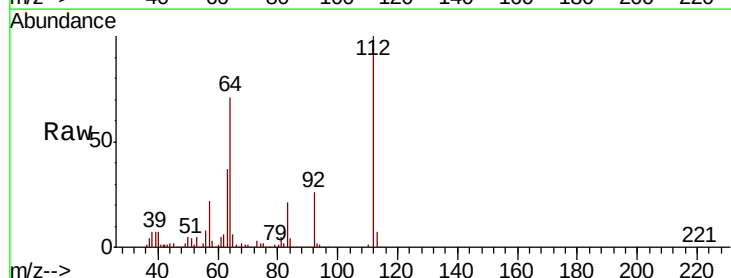
Tgt Ion:112 Resp: 354541

Ion Ratio Lower Upper

112 100

64 70.7 57.2 85.8

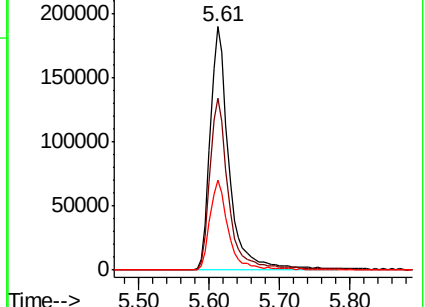
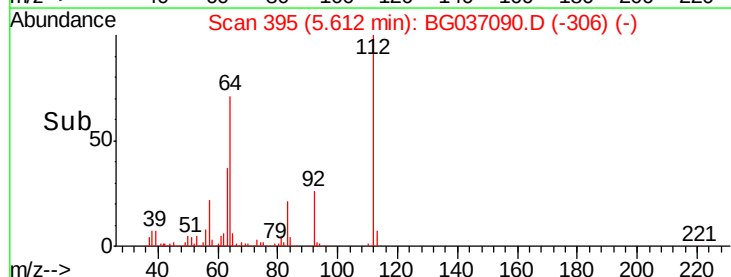
63 37.0 30.8 46.2

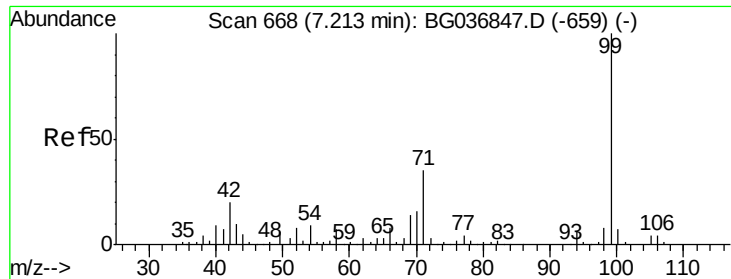


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 134.306 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.01 min

Lab File: BG037090.D

Acq: 2 Oct 2018 00:08

Instrument :

BNA_G

ClientSampleId :

PB113393BL

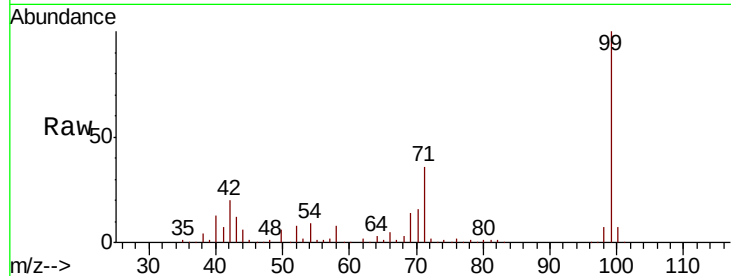
Tgt Ion: 99 Resp: 480463

Ion Ratio Lower Upper

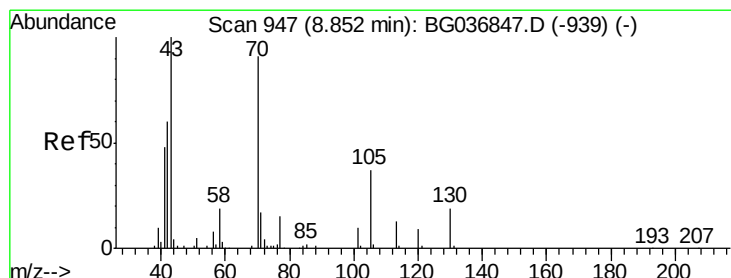
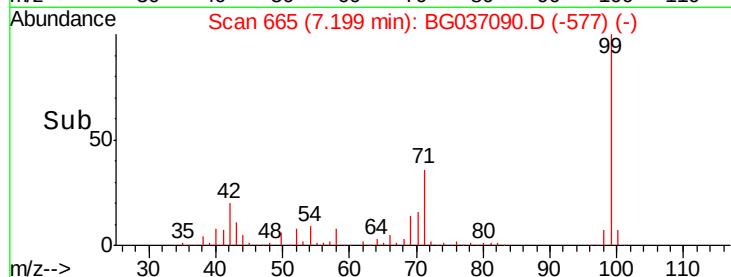
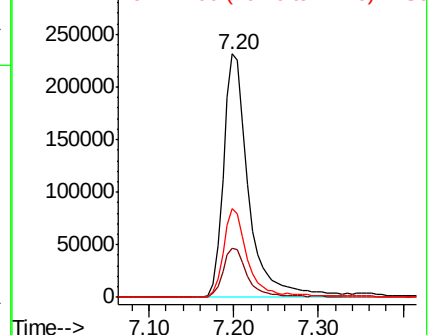
99 100

42 20.2 16.5 24.7

71 36.3 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: 13.954 ng

RT: 9.20 min Scan# 1005

Delta R.T. 0.34 min

Lab File: BG037090.D

Acq: 2 Oct 2018 00:08

Tgt Ion: 70 Resp: 41526

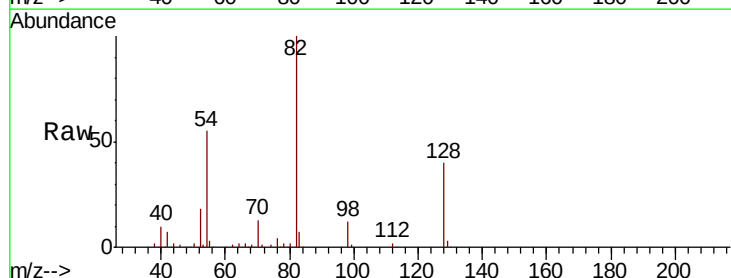
Ion Ratio Lower Upper

70 100

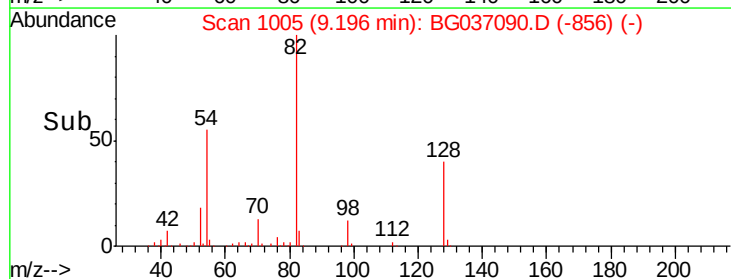
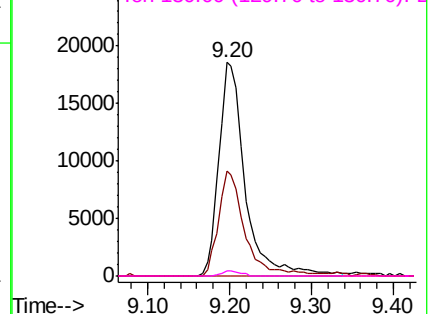
42 49.2 56.2 84.4#

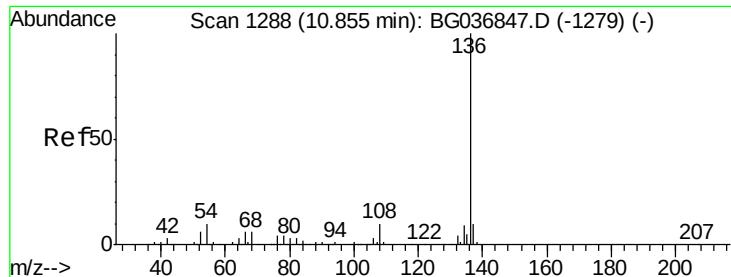
101 0.0 7.8 11.6#

130 2.5 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

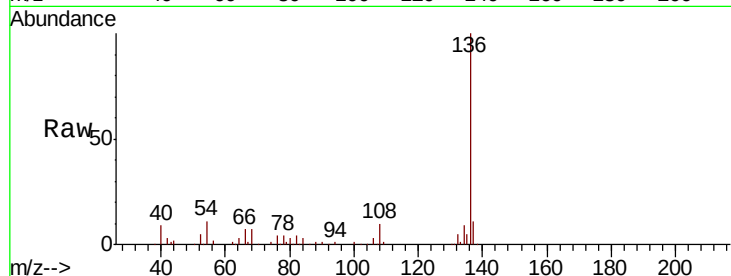




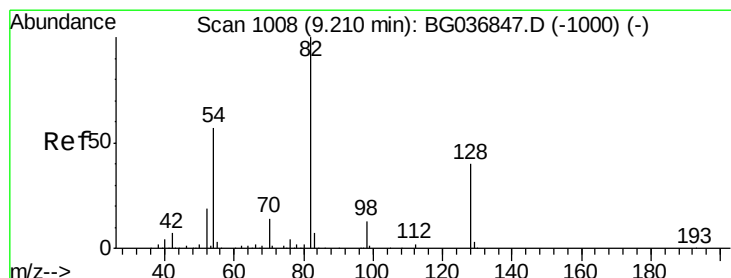
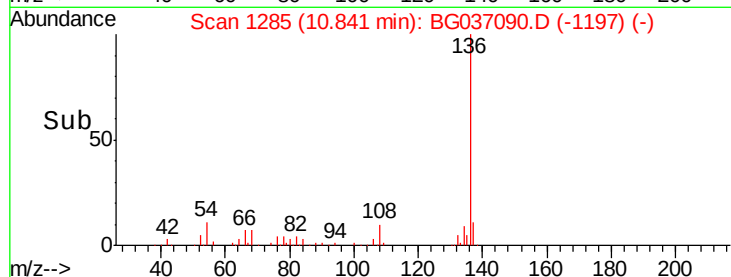
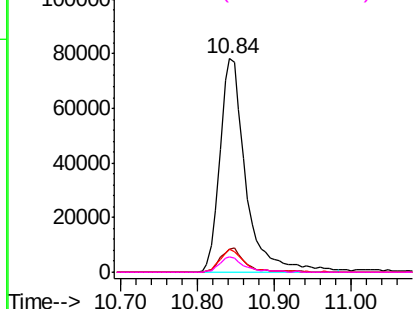
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BG037090.D
Acq: 2 Oct 2018 00:08

Instrument :
BNA_G
ClientSampleId :
PB113393BL

Tgt Ion:	136	Resp:	183190
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.9	9.2	13.8
68	7.5	5.8	8.6

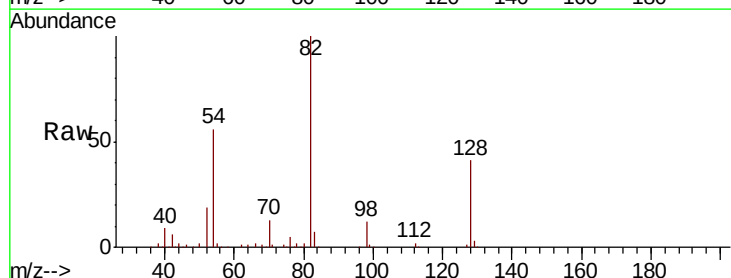


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

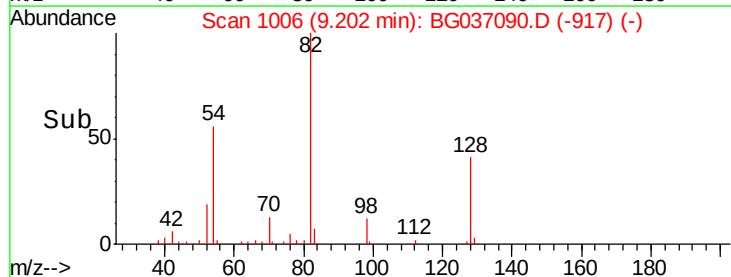
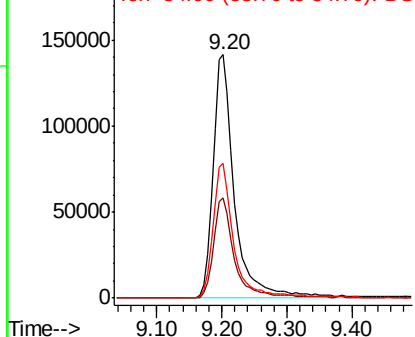


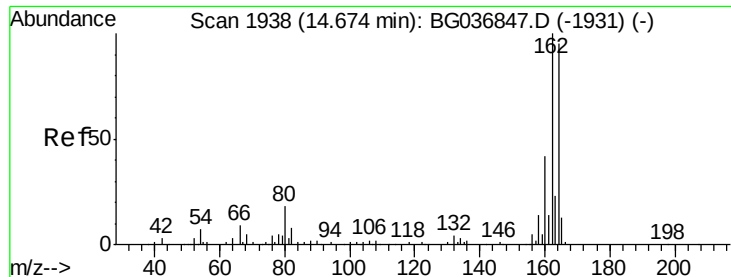
#23
Nitrobenzene-d5
Concen: 93.480 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037090.D
Acq: 2 Oct 2018 00:08

Tgt Ion:	82	Resp:	319780
Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.3	49.9
54	55.6	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# 1935

Delta R.T. -0.01 min

Lab File: BG037090.D

Acq: 2 Oct 2018 00:08

Instrument :

BNA_G

ClientSampleId :

PB113393BL

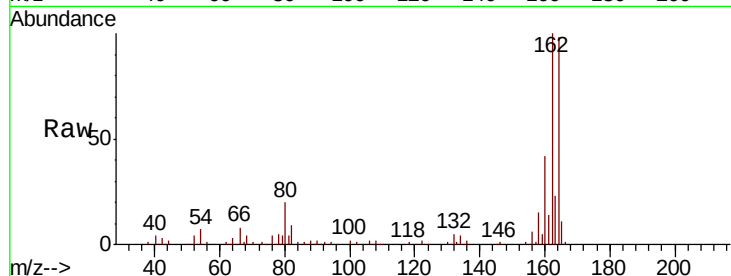
Tgt Ion:164 Resp: 116852

Ion Ratio Lower Upper

164 100

162 102.4 80.7 121.1

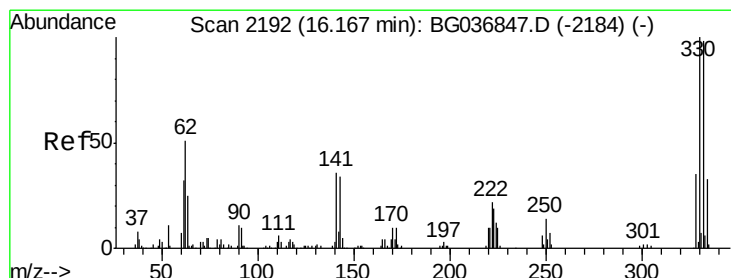
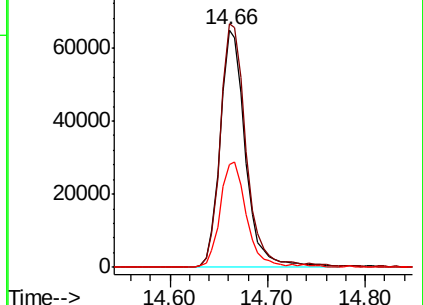
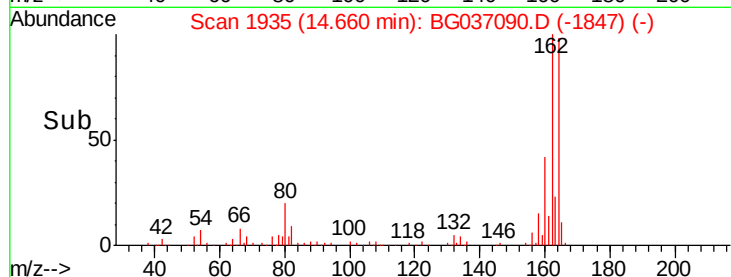
160 43.1 35.3 52.9



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: 123.050 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BG037090.D

Acq: 2 Oct 2018 00:08

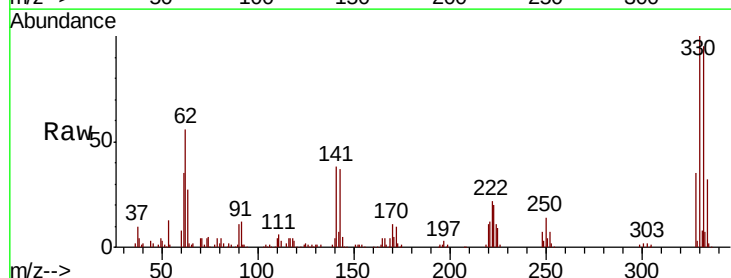
Tgt Ion:330 Resp: 172032

Ion Ratio Lower Upper

330 100

332 96.1 75.4 113.2

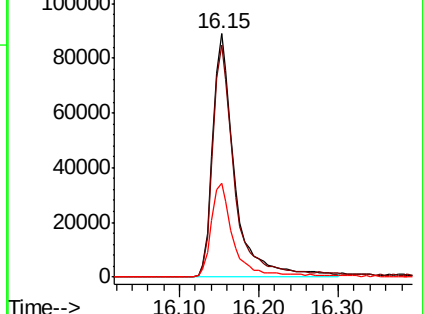
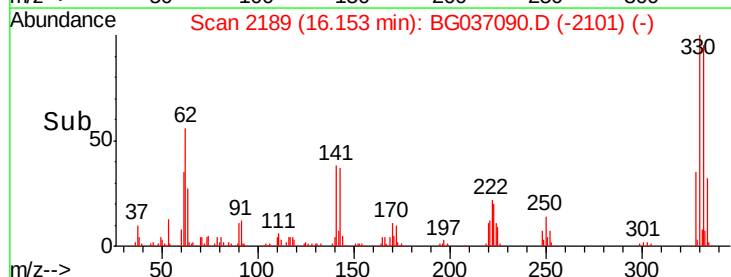
141 39.5 30.7 46.1

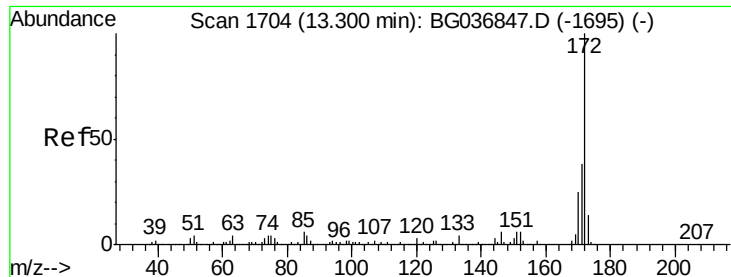


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

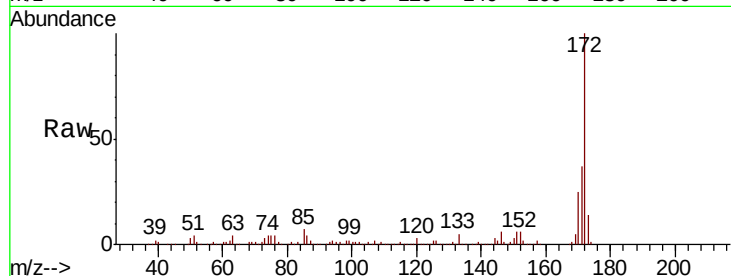




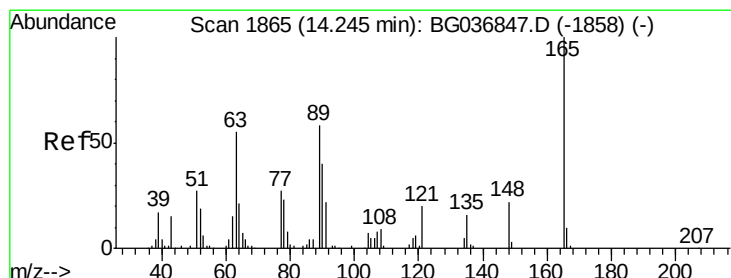
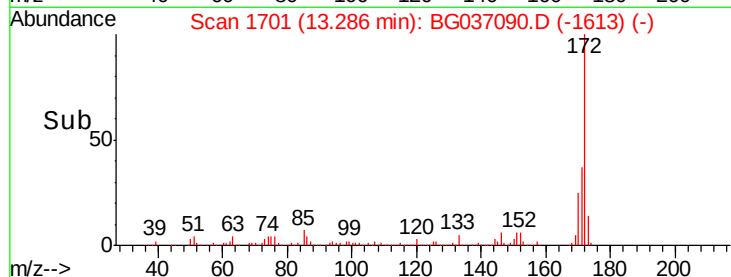
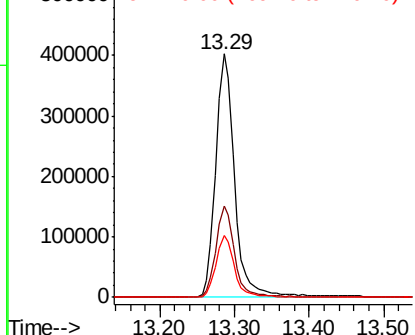
#44
 2-Fluorobiphenyl
 Concen: 90.702 ng
 RT: 13.29 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG037090.D
 Acq: 2 Oct 2018 00:08

Instrument :
 BNA_G
 ClientSampled :
 PB113393BL

Tgt Ion:172 Resp: 711614
 Ion Ratio Lower Upper
 172 100
 171 37.3 31.3 46.9
 170 25.3 21.0 31.6

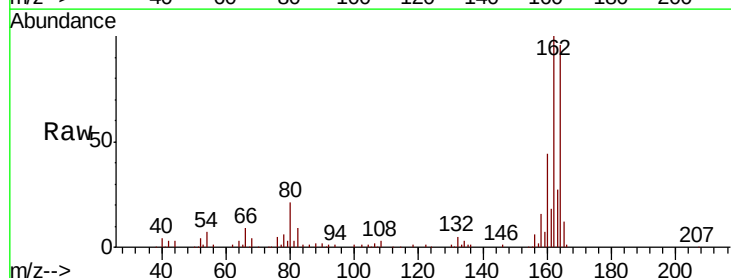


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

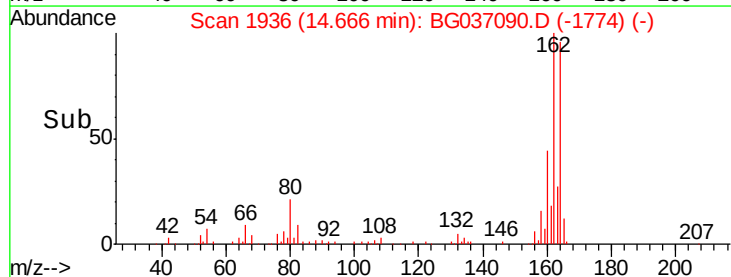
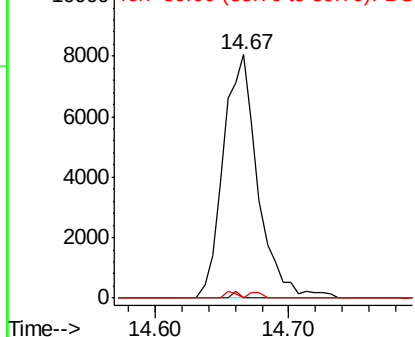


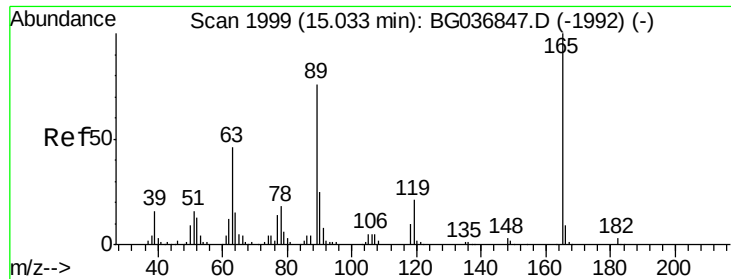
#50
 2,6-Dinitrotoluene
 Concen: 7.122 ng
 RT: 14.67 min Scan# 1936
 Delta R.T. 0.42 min
 Lab File: BG037090.D
 Acq: 2 Oct 2018 00:08

Tgt Ion:165 Resp: 14616
 Ion Ratio Lower Upper
 165 100
 63 0.0 50.1 75.1#
 89 0.0 47.8 71.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

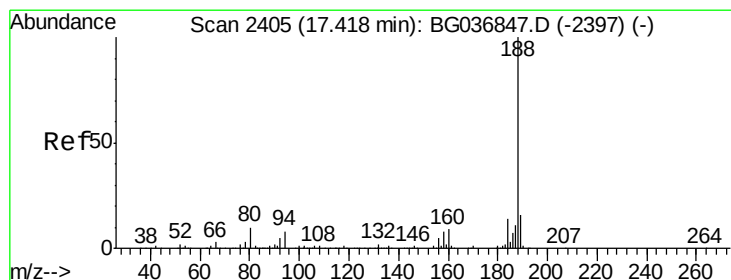
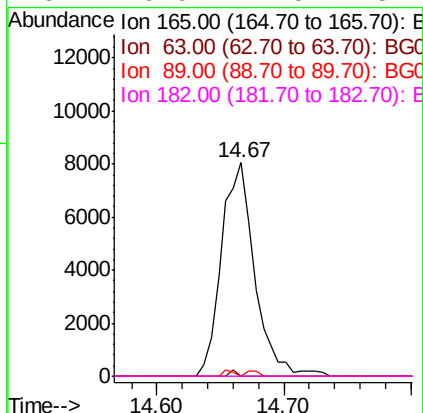
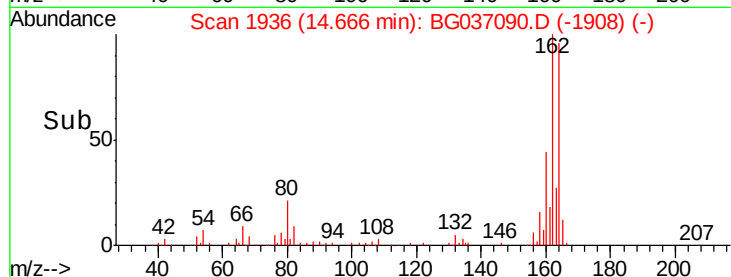
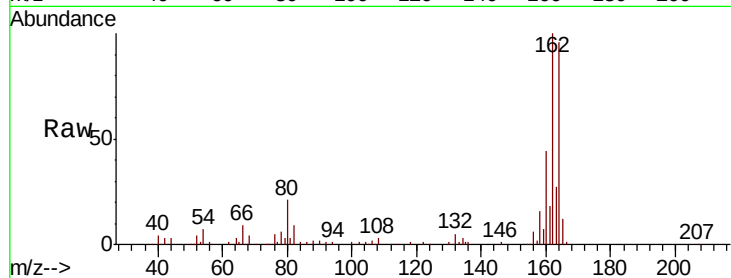




#56
 2,4-Dinitrotoluene
 Concen: 5.104 ng
 RT: 14.67 min Scan# 1936
 Delta R.T. -0.37 min
 Lab File: BG037090.D
 Acq: 2 Oct 2018 00:08

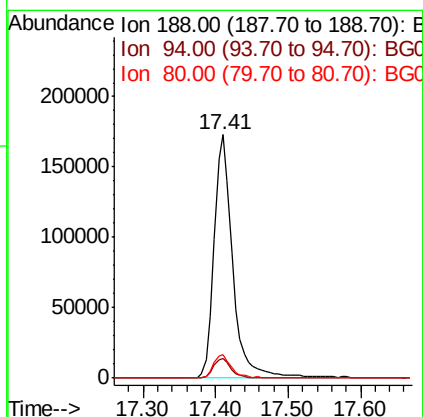
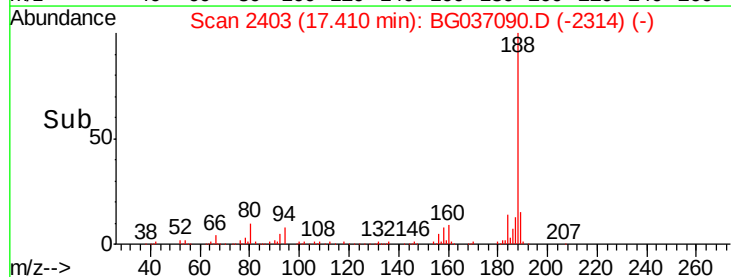
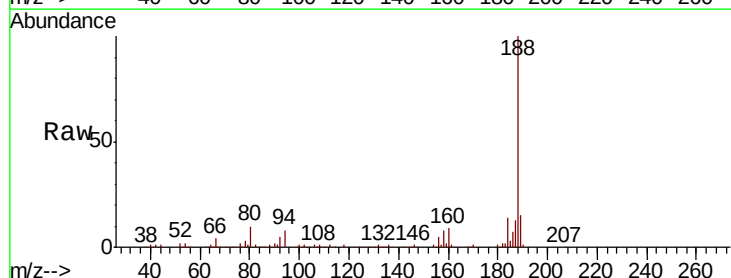
Instrument :
 BNA_G
 ClientSampleId :
 PB113393BL

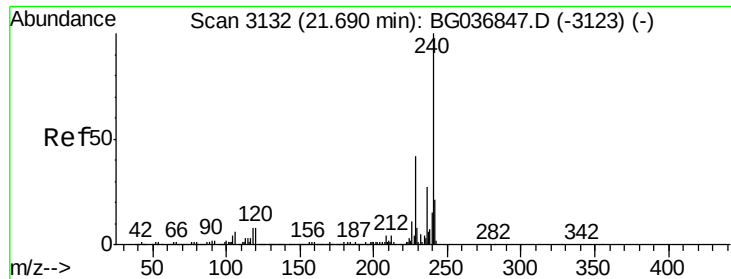
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BG037090.D
 Acq: 2 Oct 2018 00:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.7	10.1
80	9.8	8.1	12.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BG037090.D

Acq: 2 Oct 2018 00:08

Instrument :

BNA_G

ClientSampleId :

PB113393BL

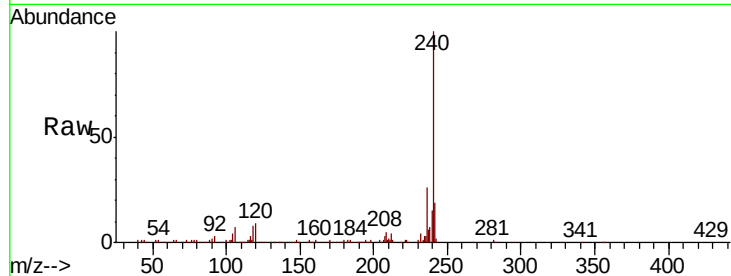
Tgt Ion:240 Resp: 333219

Ion Ratio Lower Upper

240 100

120 9.1 6.9 10.3

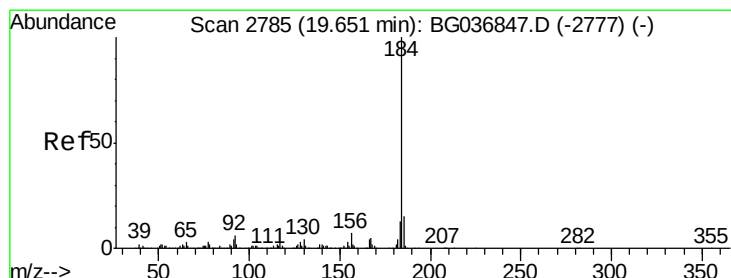
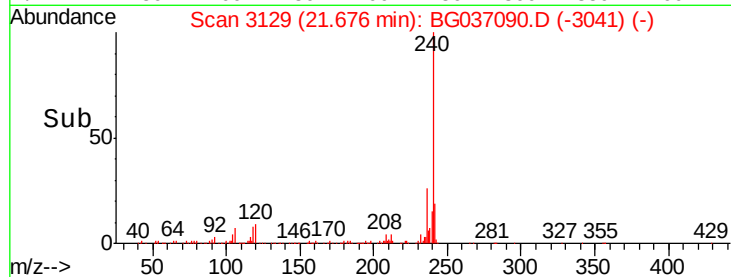
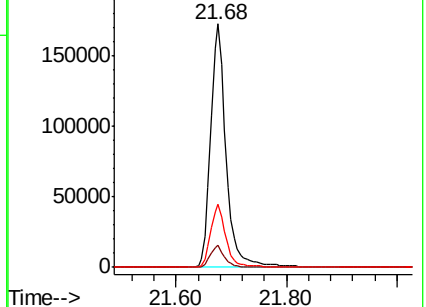
236 25.9 21.2 31.8



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: 2.149 ng

RT: 20.02 min Scan# 2847

Delta R.T. 0.37 min

Lab File: BG037090.D

Acq: 2 Oct 2018 00:08

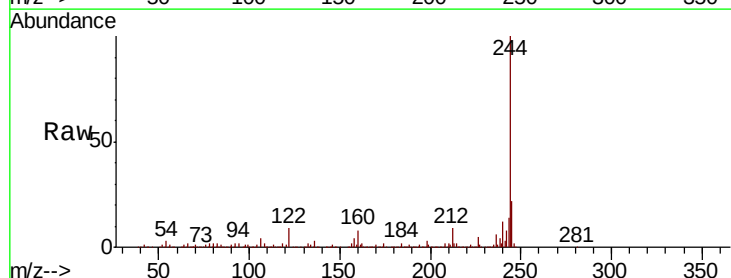
Tgt Ion:184 Resp: 21645

Ion Ratio Lower Upper

184 100

185 17.6 12.6 18.8

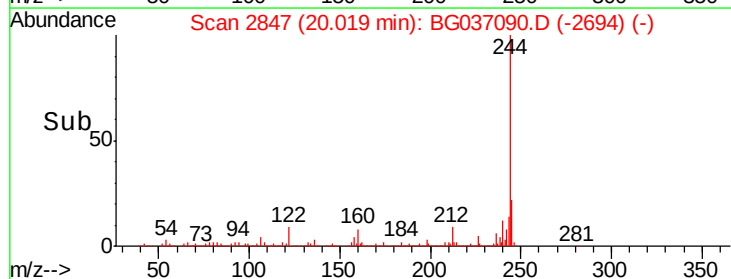
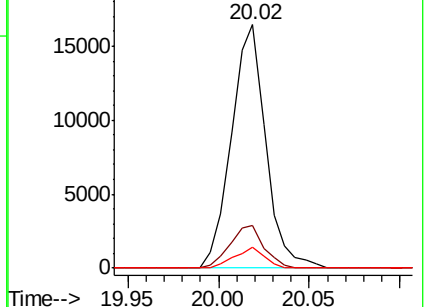
183 8.4 10.9 16.3

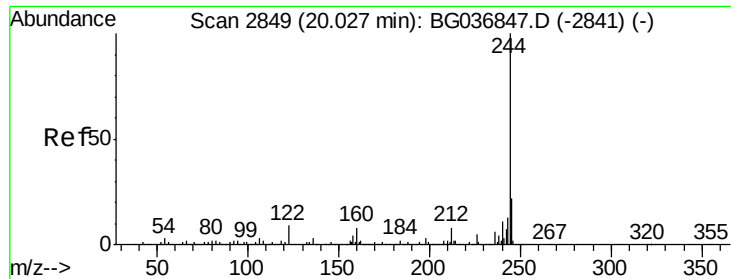


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 99.645 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037090.D

Acq: 2 Oct 2018 00:08

Instrument :

BNA_G

ClientSampleId :

PB113393BL

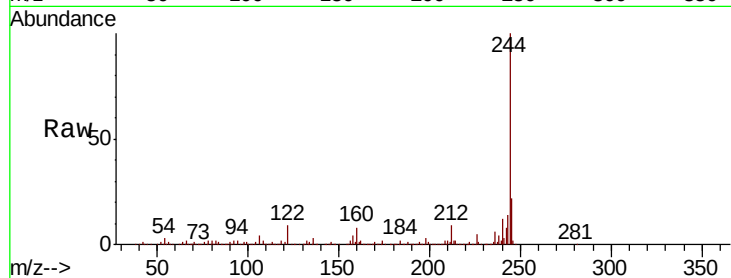
Tgt Ion:244 Resp: 1262734

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

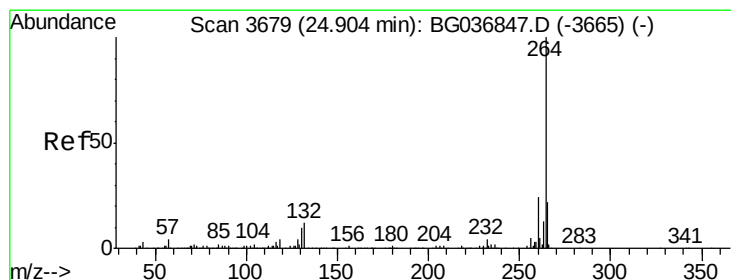
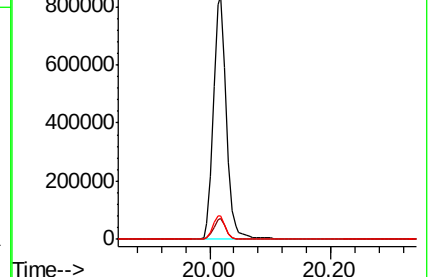
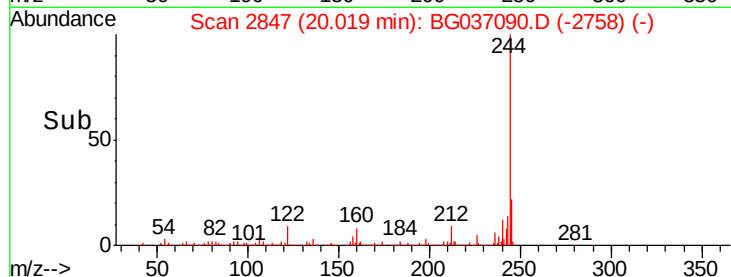
122 9.4 7.1 10.7



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: BG037090.D

Acq: 2 Oct 2018 00:08

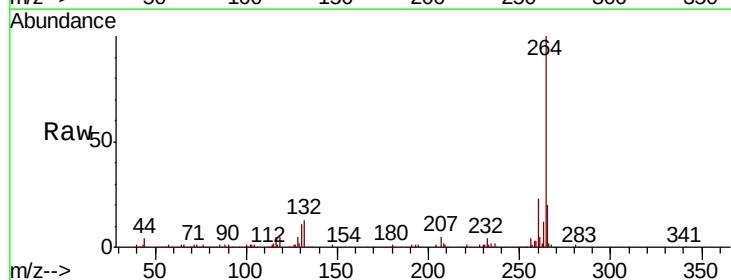
Tgt Ion:264 Resp: 316180

Ion Ratio Lower Upper

264 100

260 23.5 19.6 29.4

265 20.1 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

