

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031119\
 Data File : BG039865.D
 Acq On : 12 Mar 2019 7:36
 Operator : JU/SJ
 Sample : PB117792BL
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117792BL

Quant Time: Mar 12 09:34:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

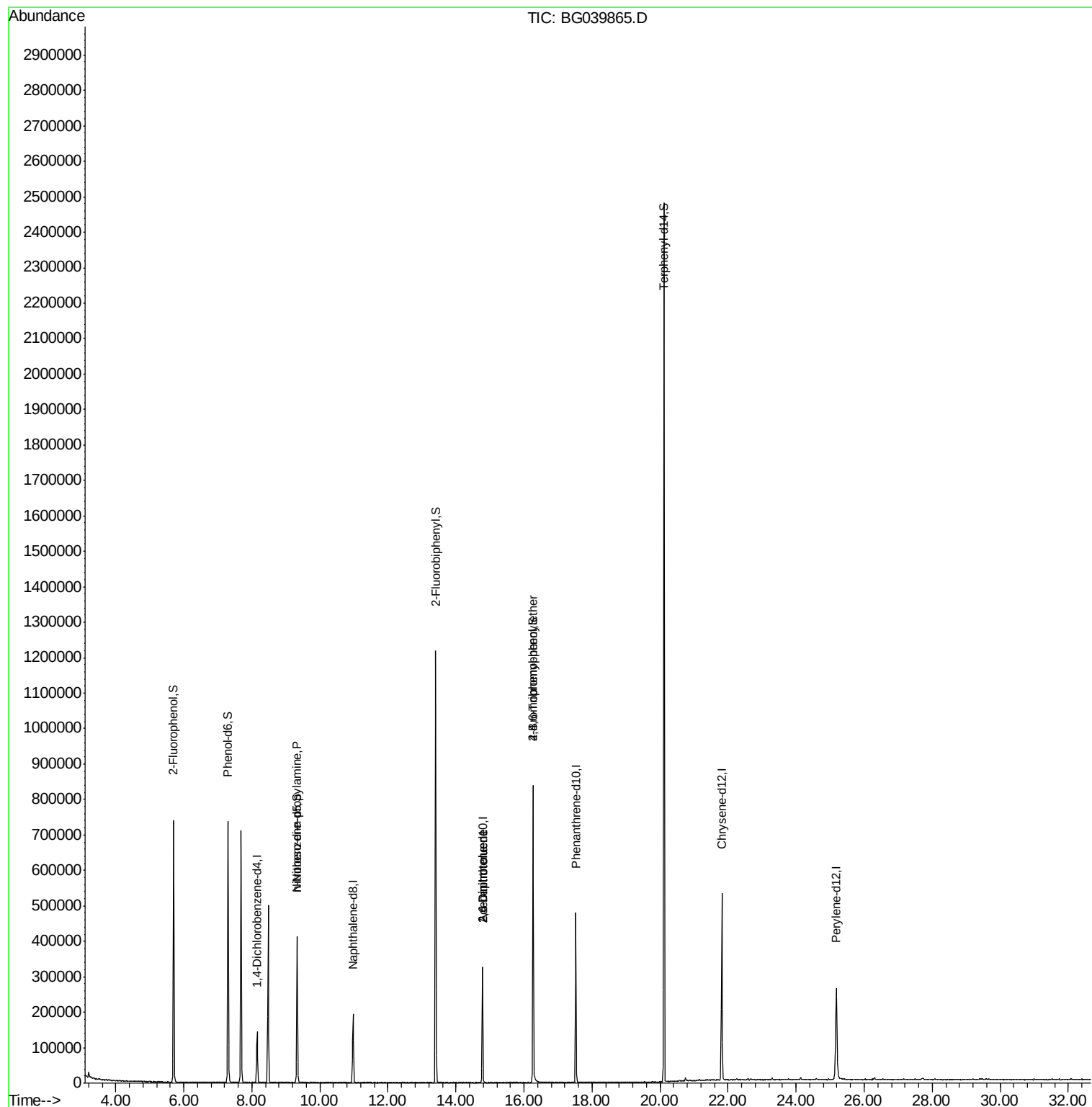
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	39873	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	165513	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	116087	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	301773	20.00	ng	0.00
76) Chrysene-d12	21.81	240	329779	20.00	ng	-0.02
87) Perylene-d12	25.18	264	318550	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	304617	130.33	ng	0.00
7) Phenol-d6	7.30	99	425421	122.08	ng	-0.02
23) Nitrobenzene-d5	9.33	82	245573	80.24	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	158563	117.19	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	636989	78.13	ng	-0.02
79) Terphenyl-d14	20.11	244	1143389	76.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.33	70	32958	13.139	ng	# 60
51) 2,6-Dinitrotoluene	14.77	165	14739	7.162	ng	# 22
57) 2,4-Dinitrotoluene	14.77	165	14739	5.097	ng	# 17
67) 4-Bromophenyl-phenylether	16.26	248	12394	3.669	ng	# 1

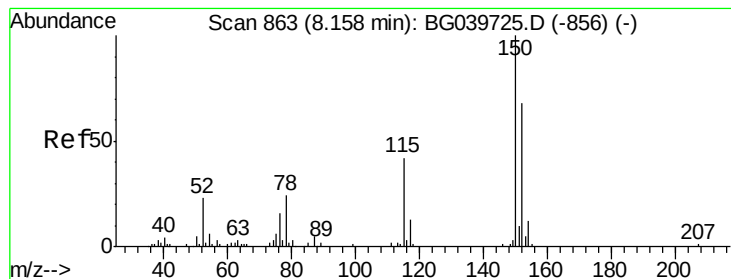
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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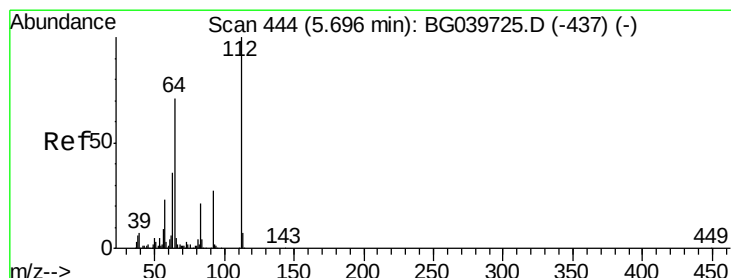
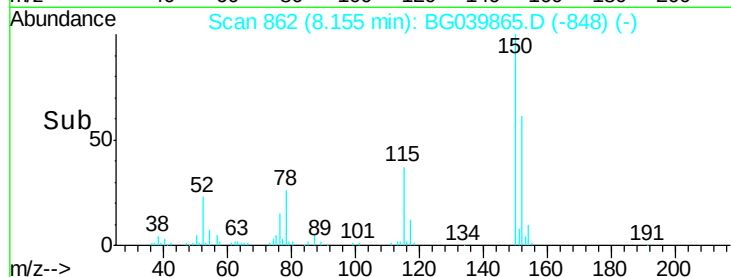
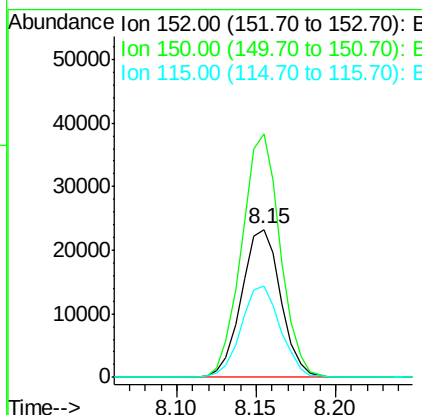
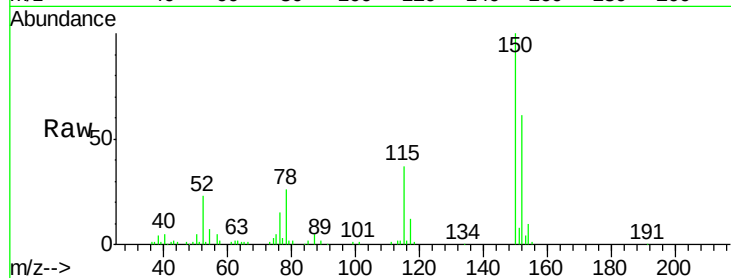


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039865.D
Acq: 12 Mar 2019 7:36

Instrument :
BNA_G
ClientSampleId :
PB117792BL

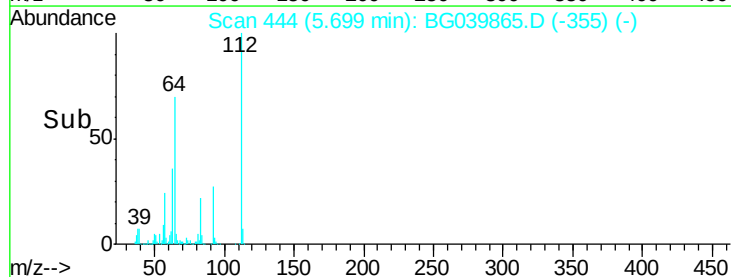
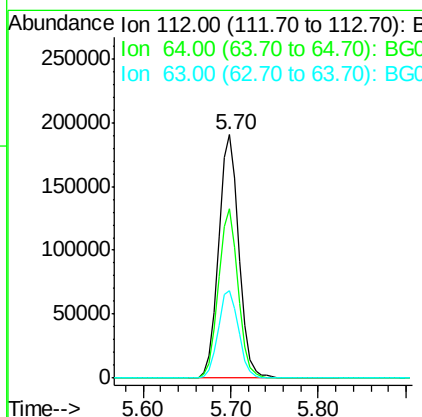
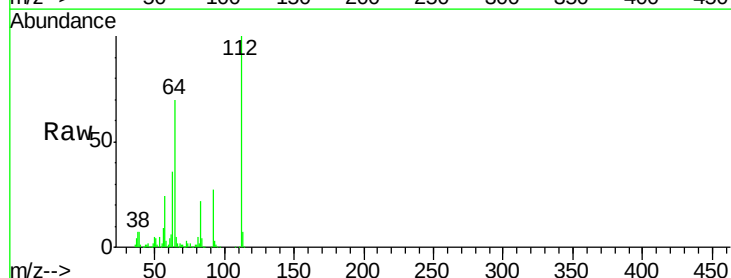
Tgt Ion:152 Resp: 39873
Ion Ratio Lower Upper
152 100
150 164.7 123.7 185.5
115 61.5 45.9 68.9

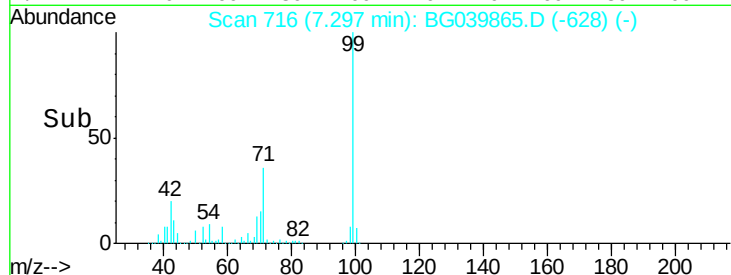
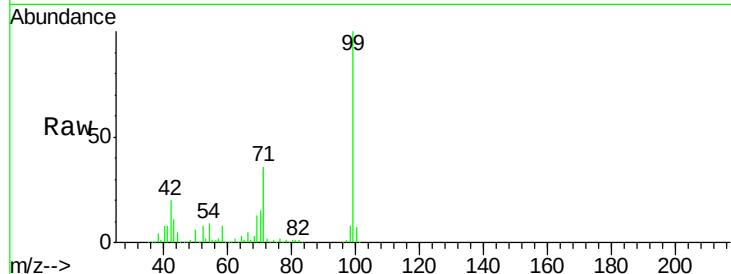
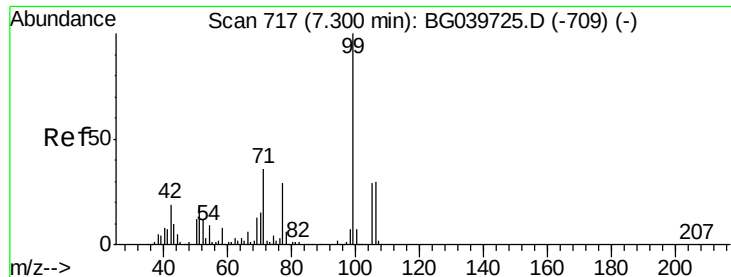


#5

2-Fluorophenol
Concen: 130.334 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039865.D
Acq: 12 Mar 2019 7:36

Tgt Ion:112 Resp: 304617
Ion Ratio Lower Upper
112 100
64 69.8 57.8 86.8
63 35.8 29.8 44.6





#7

Phenol-d6

Concen: 122.075 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039865.D

Acq: 12 Mar 2019 7:36

Instrument :

BNA_G

ClientSampleId :

PB117792BL

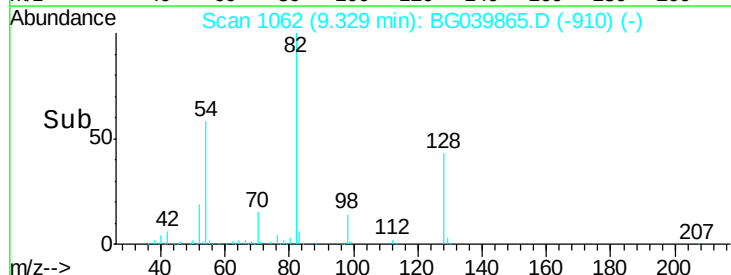
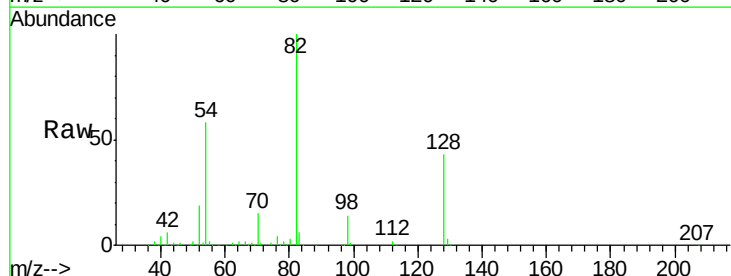
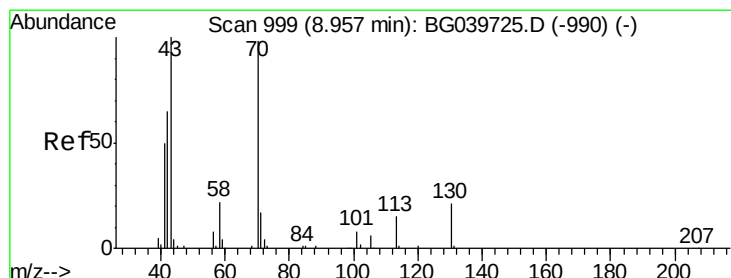
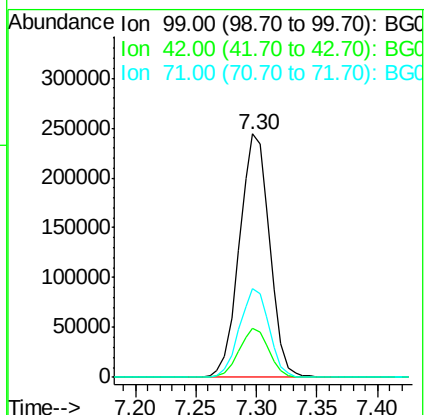
Tgt Ion: 99 Resp: 425421

Ion Ratio Lower Upper

99 100

42 20.1 18.2 27.2

71 36.5 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.139 ng

RT: 9.33 min Scan# 1062

Delta R.T. 0.36 min

Lab File: BG039865.D

Acq: 12 Mar 2019 7:36

Tgt Ion: 70 Resp: 32958

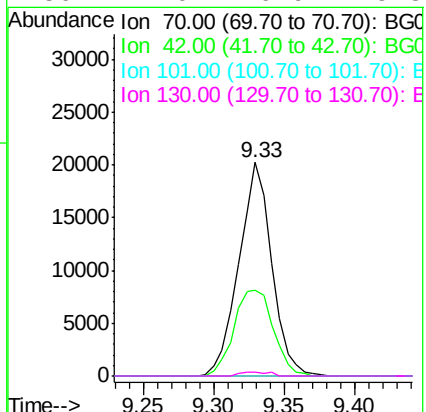
Ion Ratio Lower Upper

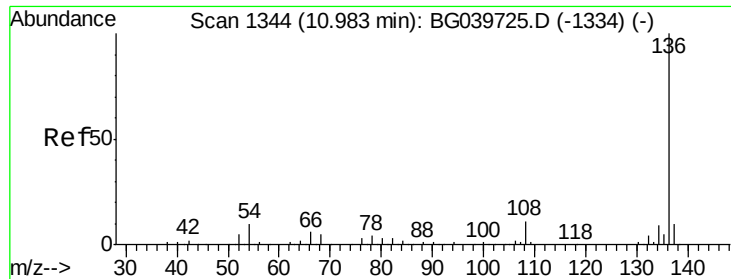
70 100

42 40.5 60.4 90.6#

101 0.0 7.5 11.3#

130 2.0 16.9 25.3#

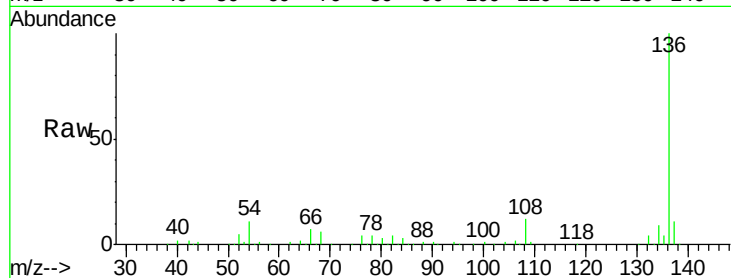




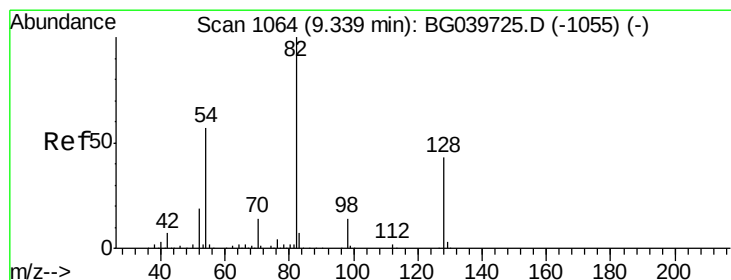
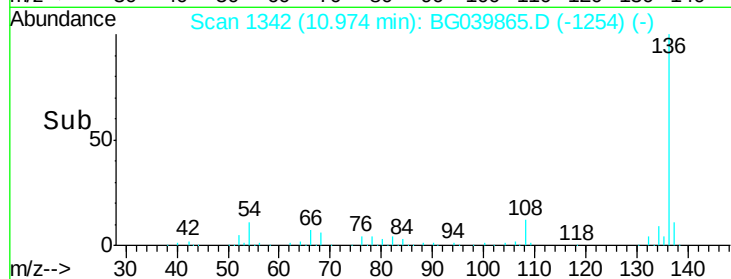
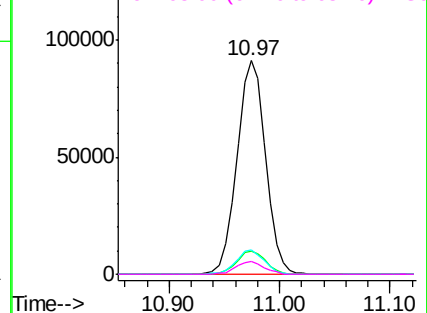
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039865.D
Acq: 12 Mar 2019 7:36

Instrument :
BNA_G
ClientSampleId :
PB117792BL

Tgt Ion:	136	Resp:	165513
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	11.2	9.4	14.2
68	6.1	4.2	6.4

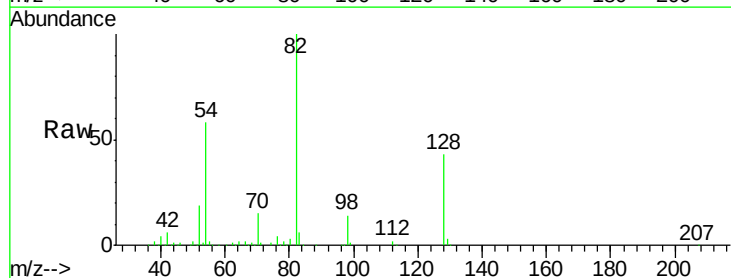


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

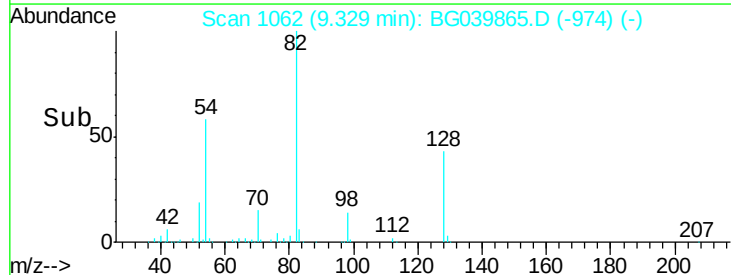
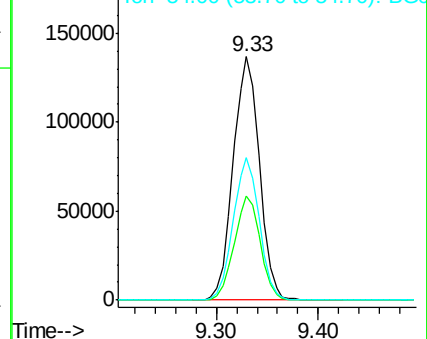


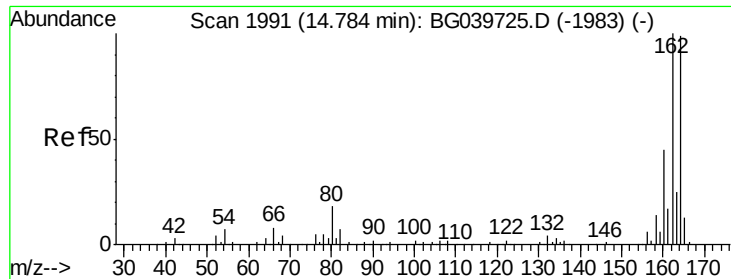
#23
Nitrobenzene-d5
Concen: 80.245 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039865.D
Acq: 12 Mar 2019 7:36

Tgt Ion:	82	Resp:	245573
Ion	Ratio	Lower	Upper
82	100		
128	42.8	31.3	46.9
54	58.4	50.9	76.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG039865.D

Acq: 12 Mar 2019 7:36

Instrument :

BNA_G

ClientSampleId :

PB117792BL

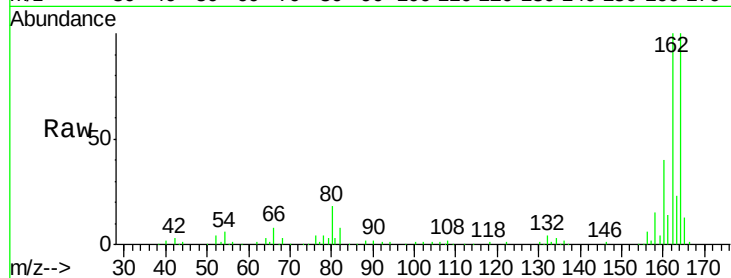
Tgt Ion:164 Resp: 116087

Ion Ratio Lower Upper

164 100

162 99.8 81.6 122.4

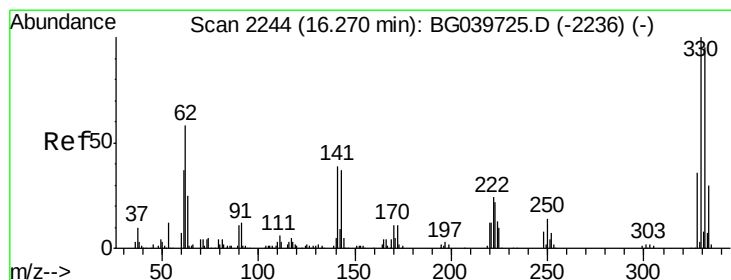
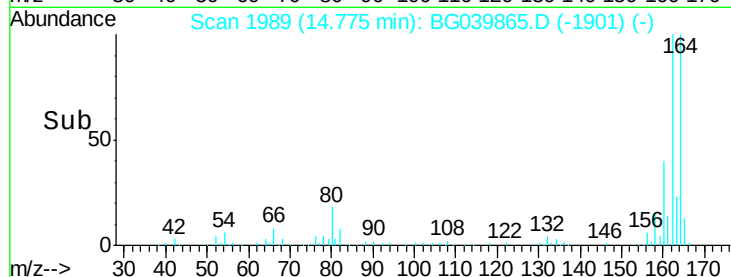
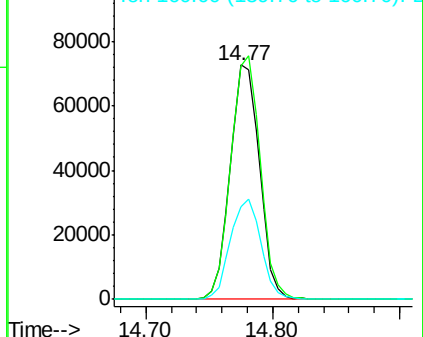
160 39.7 34.2 51.2



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: 117.187 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039865.D

Acq: 12 Mar 2019 7:36

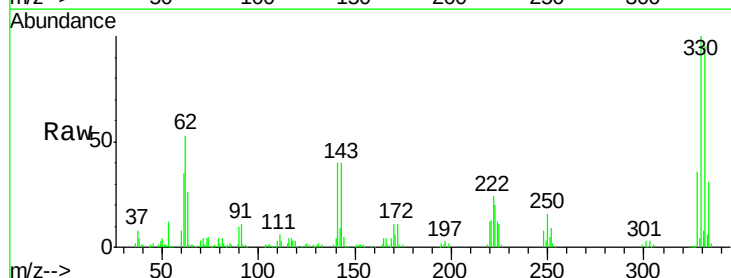
Tgt Ion:330 Resp: 158563

Ion Ratio Lower Upper

330 100

332 96.4 75.7 113.5

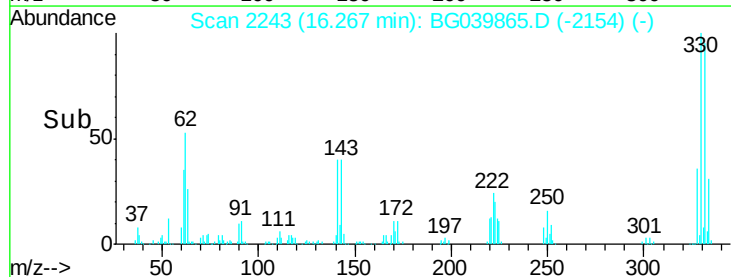
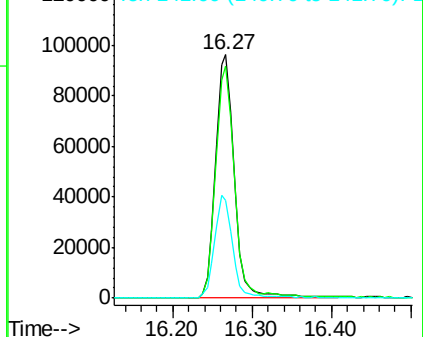
141 40.8 35.6 53.4

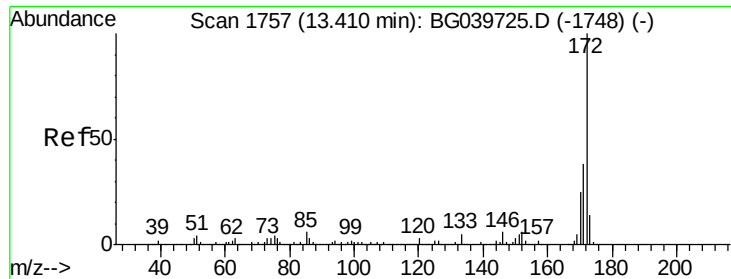


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

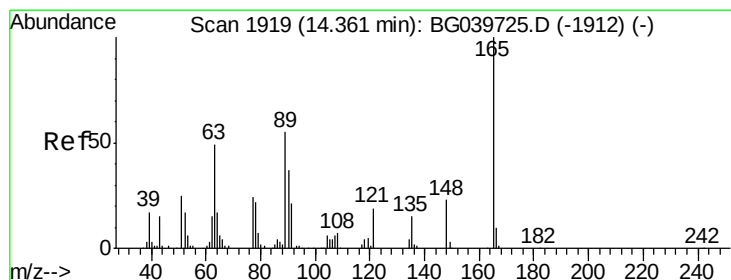
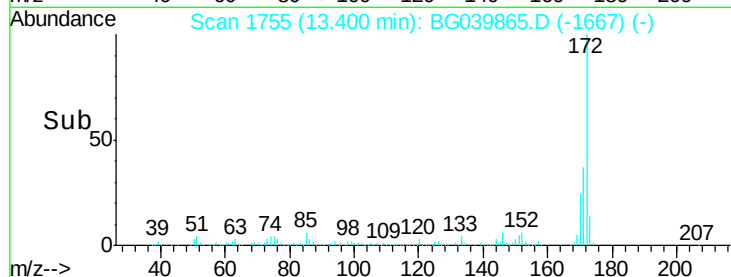
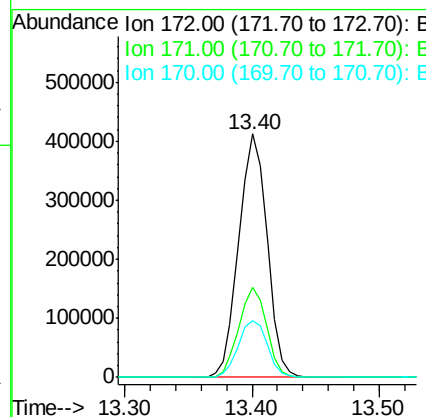
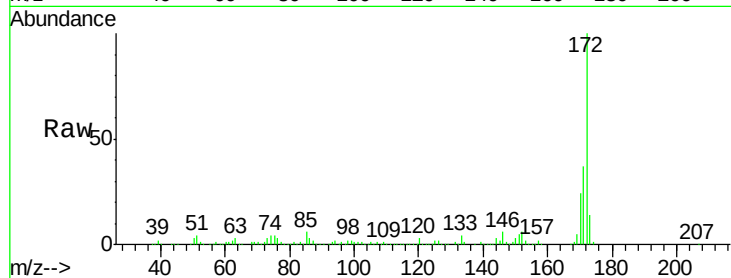




#45
2-Fluorobiphenyl
Concen: 78.128 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG039865.D
Acq: 12 Mar 2019 7:36

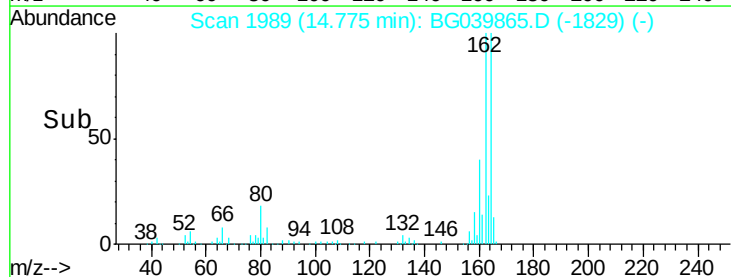
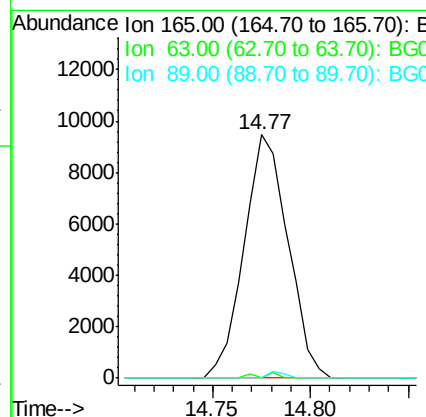
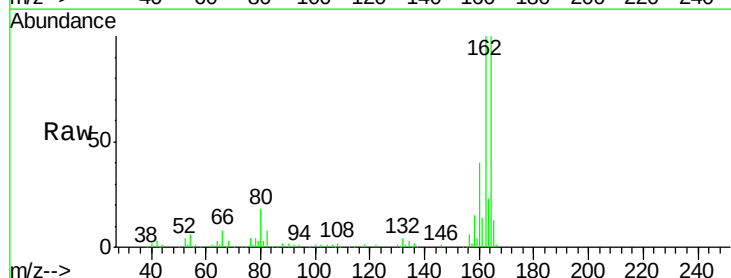
Instrument :
BNA_G
ClientSampleId :
PB117792BL

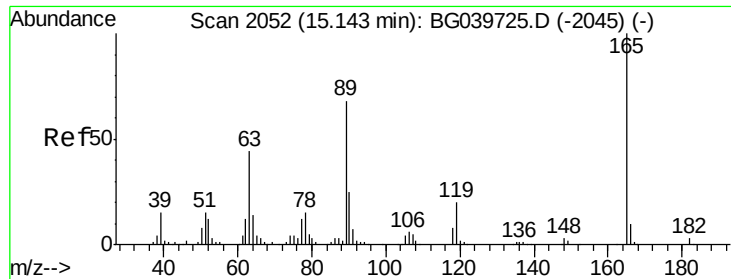
Tgt Ion:172 Resp: 636989
Ion Ratio Lower Upper
172 100
171 37.1 30.8 46.2
170 23.5 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.162 ng
RT: 14.77 min Scan# 1989
Delta R.T. 0.41 min
Lab File: BG039865.D
Acq: 12 Mar 2019 7:36

Tgt Ion:165 Resp: 14739
Ion Ratio Lower Upper
165 100
63 0.0 47.0 70.6#
89 0.0 45.8 68.8#

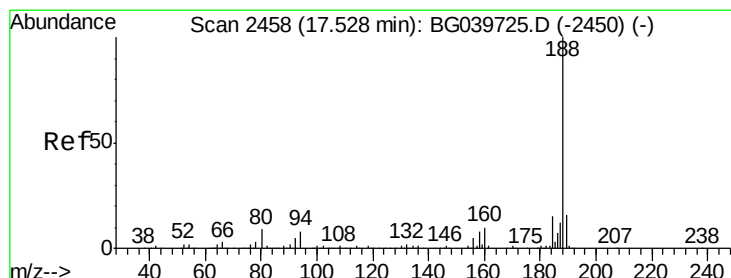
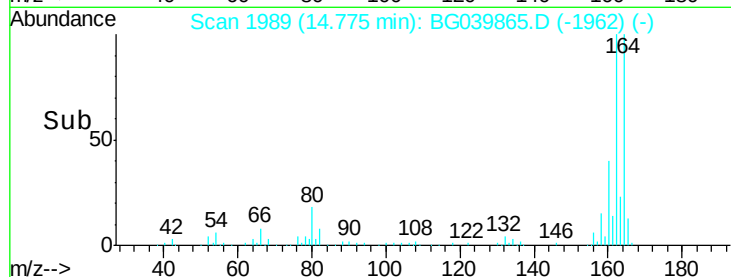
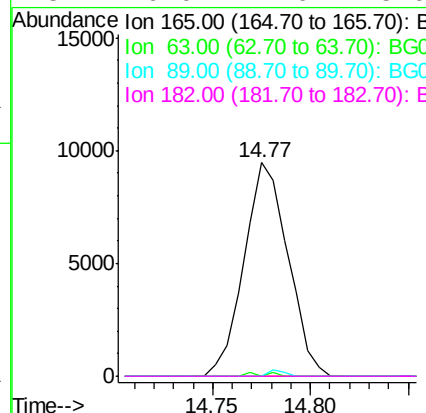
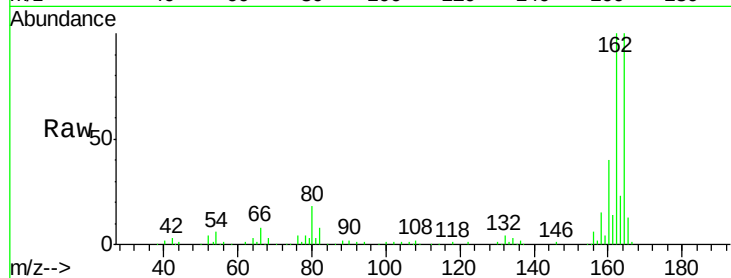




#57
 2,4-Dinitrotoluene
 Concen: 5.097 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.37 min
 Lab File: BG039865.D
 Acq: 12 Mar 2019 7:36

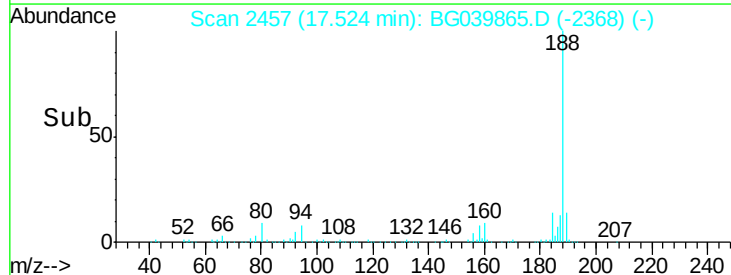
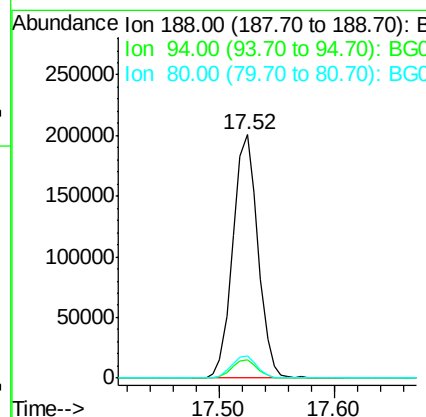
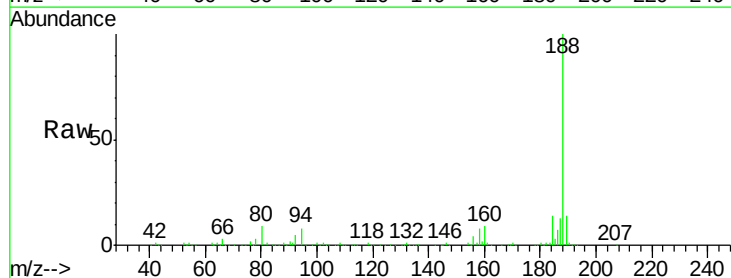
Instrument :
 BNA_G
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 PB117792BL

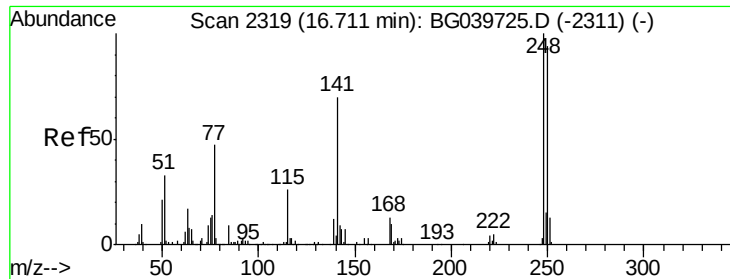
Tgt Ion:	165	Resp:	14739
Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BG039865.D
 Acq: 12 Mar 2019 7:36

Tgt Ion:	188	Resp:	301773
Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.9	10.3
80	9.1	8.1	12.1

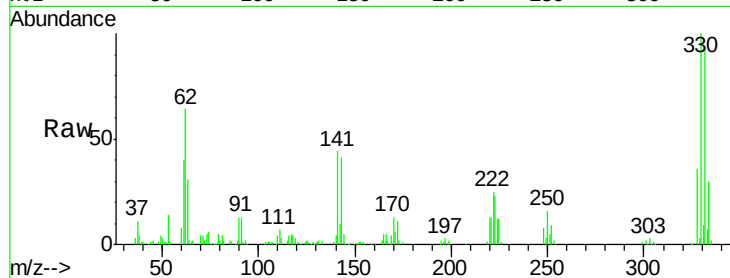




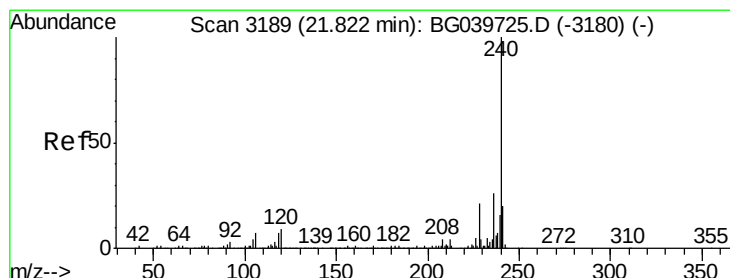
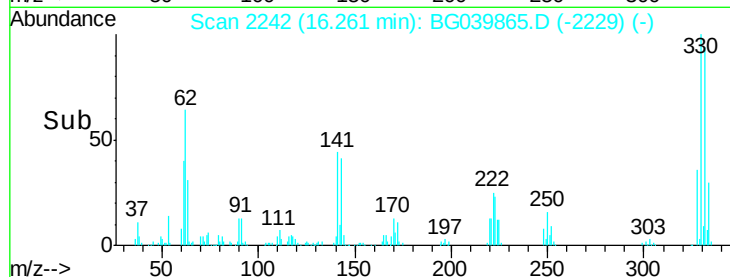
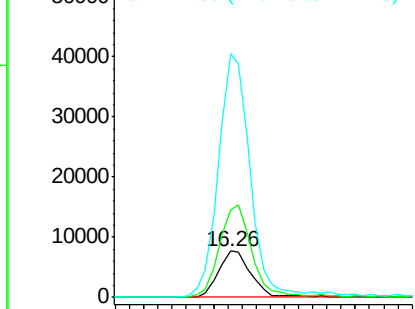
#67
4-Bromophenyl-phenylether
Concen: 3.669 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.46 min
Lab File: BG039865.D
Acq: 12 Mar 2019 7:36

Instrument :
BNA_G
ClientSampled :
PB117792BL

Tgt Ion:248 Resp: 12394
Ion Ratio Lower Upper
248 100
250 190.1 77.6 116.4#
141 526.8 63.9 95.9#

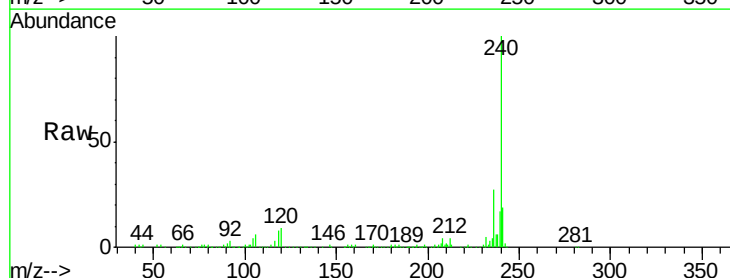


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

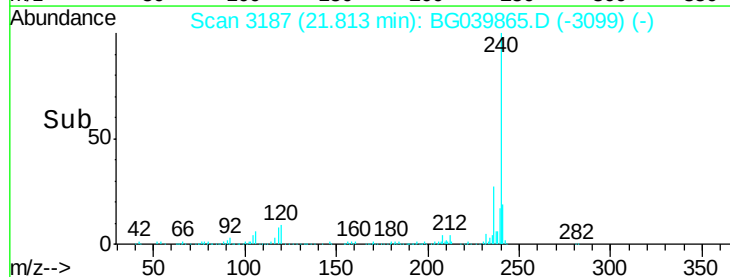
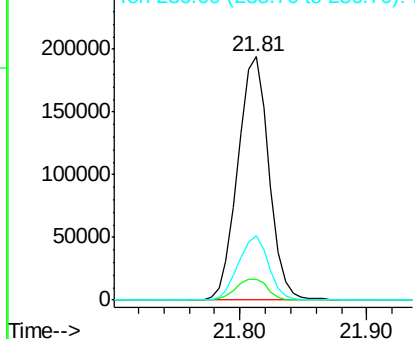


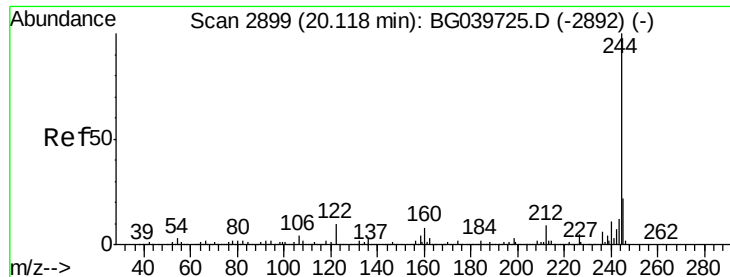
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039865.D
Acq: 12 Mar 2019 7:36

Tgt Ion:240 Resp: 329779
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 26.7 21.0 31.4



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: 76.340 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039865.D

Acq: 12 Mar 2019 7:36

Instrument :

BNA_G

ClientSampleId :

PB117792BL

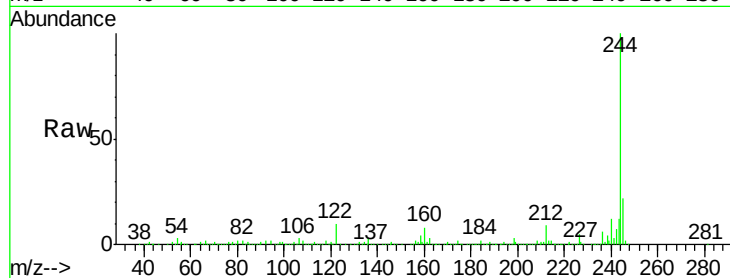
Tgt Ion:244 Resp: 1143389

Ion Ratio Lower Upper

244 100

212 8.8 7.3 10.9

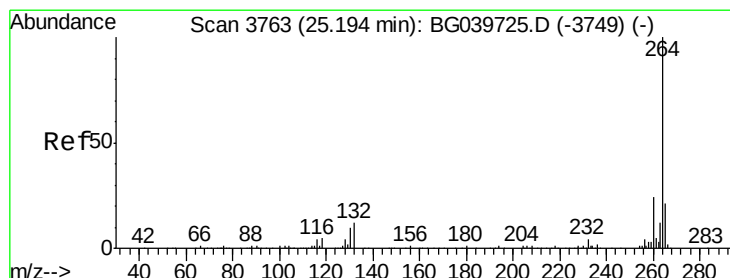
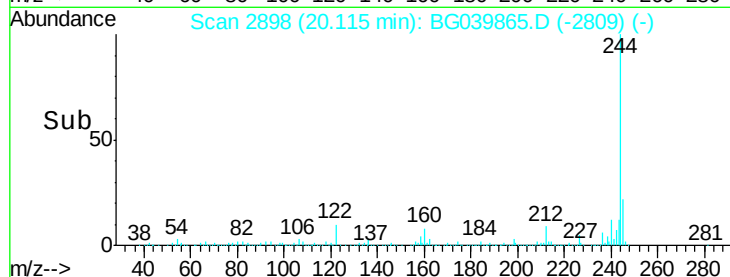
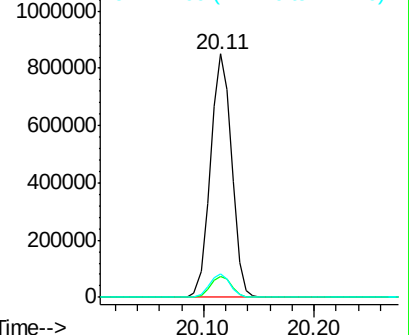
122 9.6 8.4 12.6



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: 25.18 min Scan# 3761

Delta R.T. -0.02 min

Lab File: BG039865.D

Acq: 12 Mar 2019 7:36

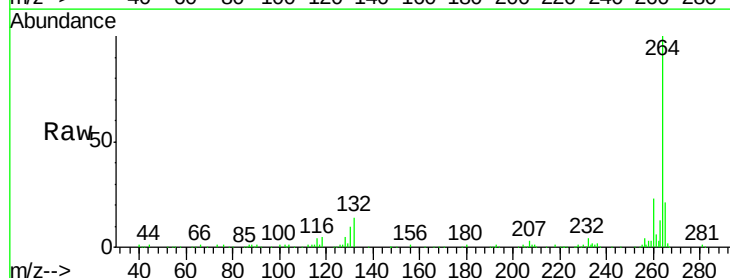
Tgt Ion:264 Resp: 318550

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.4

265 21.4 18.5 27.7



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

