

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031219\
 Data File : BG039872.D
 Acq On : 12 Mar 2019 13:37
 Operator : JU/SJ
 Sample : PB117825BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117825BL

Quant Time: Mar 13 05:47:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 05:34:05 2019
 Response via : Initial Calibration

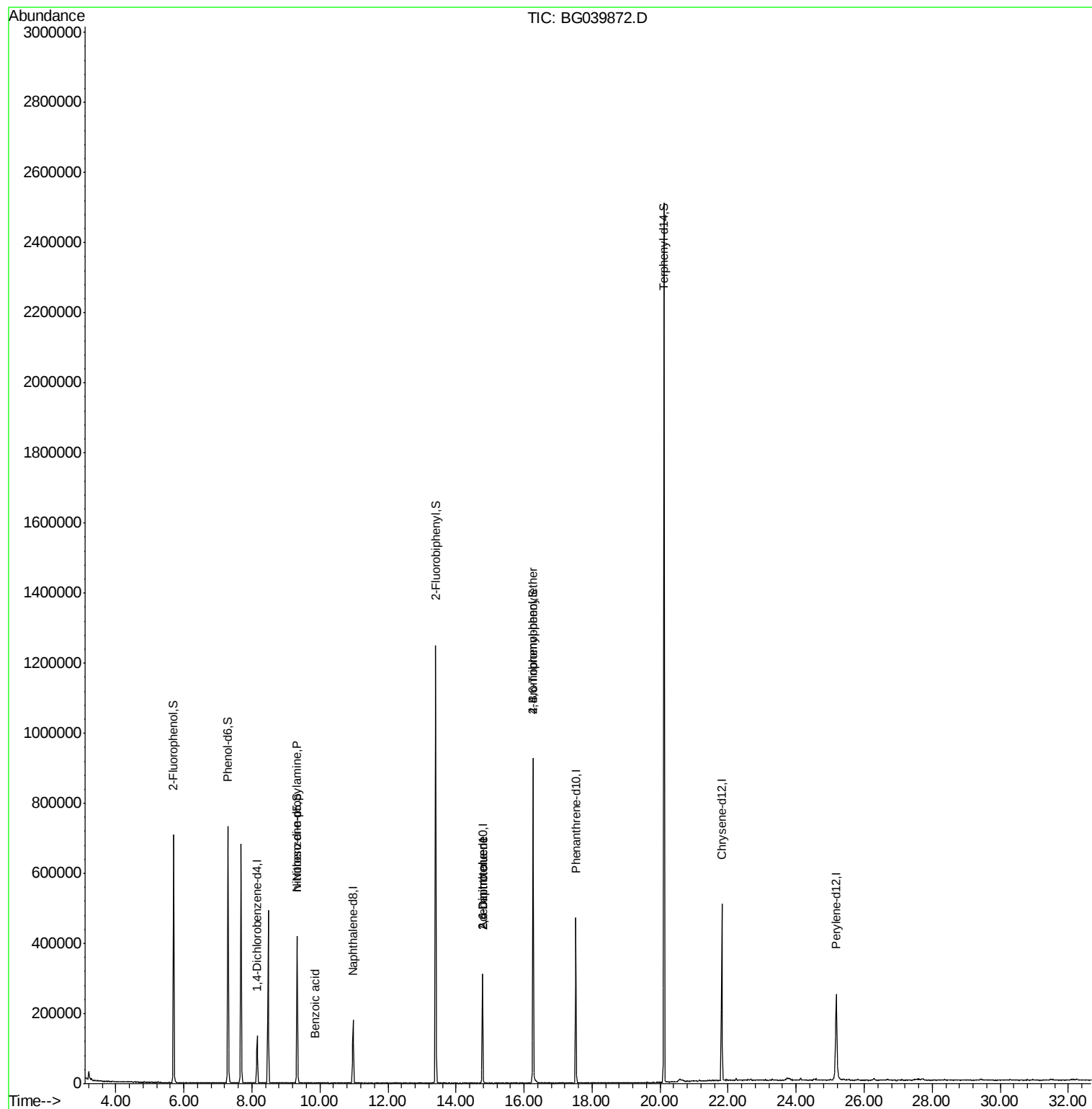
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	38283	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	157196	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	111407	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	297120	20.00	ng	0.00
76) Chrysene-d12	21.81	240	322400	20.00	ng	0.00
87) Perylene-d12	25.18	264	307076	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	292401	130.30	ng	0.00
7) Phenol-d6	7.30	99	421477	125.97	ng	0.00
23) Nitrobenzene-d5	9.33	82	244111	83.99	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	178509	137.47	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	638767	81.64	ng	0.00
79) Terphenyl-d14	20.11	244	1164434	79.52	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.33	70	30401	12.623	ng	# 75
32) Benzoic acid	9.86	122	63	6.633	ng	# 1
51) 2,6-Dinitrotoluene	14.77	165	13981	7.079	ng	# 24
57) 2,4-Dinitrotoluene	14.77	165	13981	5.038	ng	# 19
67) 4-Bromophenyl-phenylether	16.26	248	13745	4.133	ng	# 1

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

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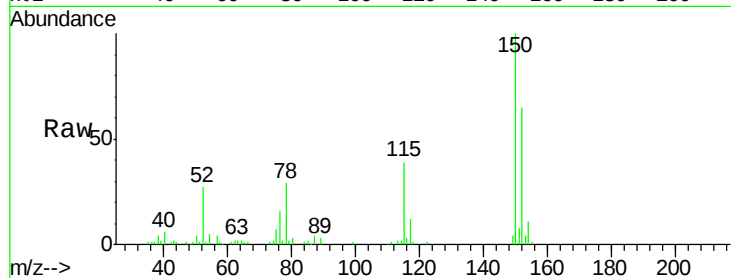


#1

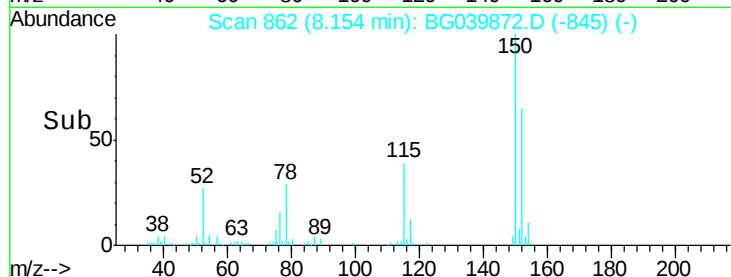
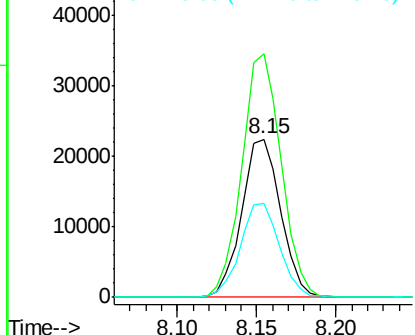
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. 0.00 min
Lab File: BG039872.D
Acq: 12 Mar 2019 13:37

Instrument :
BNA_G
ClientSampleId :
PB117825BL

Tgt Ion:152 Resp: 38283
Ion Ratio Lower Upper
152 100
150 153.8 123.7 185.5
115 59.5 45.9 68.9



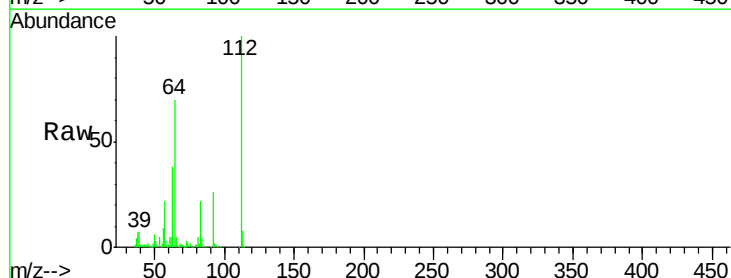
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



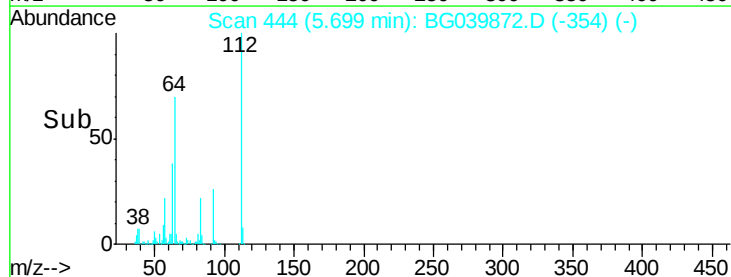
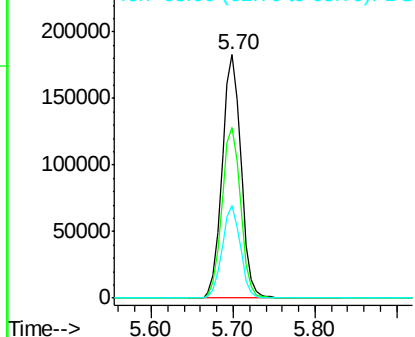
#5

2-Fluorophenol
Concen: 130.303 ng
RT: 5.70 min Scan# 444
Delta R.T. 0.00 min
Lab File: BG039872.D
Acq: 12 Mar 2019 13:37

Tgt Ion:112 Resp: 292401
Ion Ratio Lower Upper
112 100
64 69.8 57.8 86.8
63 37.9 29.8 44.6



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: 125.966 ng

RT: 7.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG039872.D

Acq: 12 Mar 2019 13:37

Instrument :

BNA_G

ClientSampleId :

PB117825BL

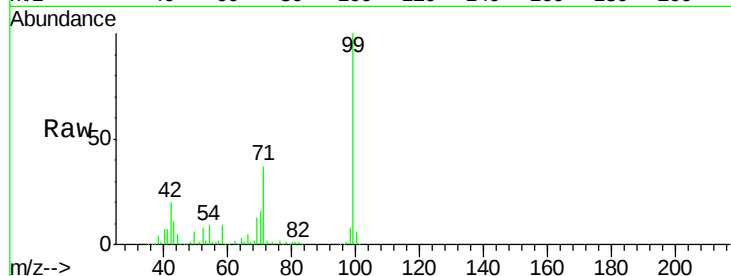
Tgt Ion: 99 Resp: 421477

Ion Ratio Lower Upper

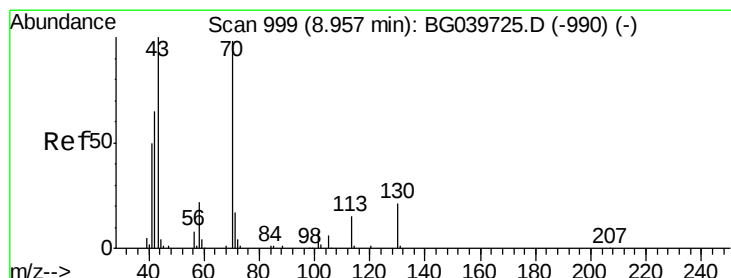
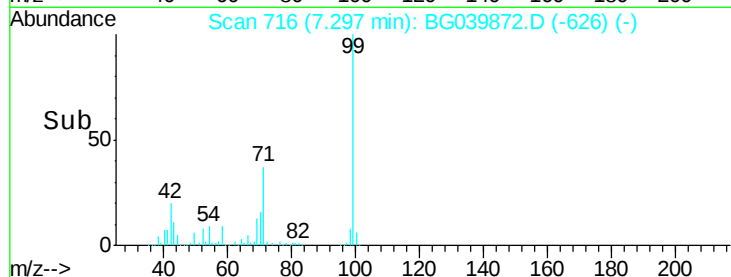
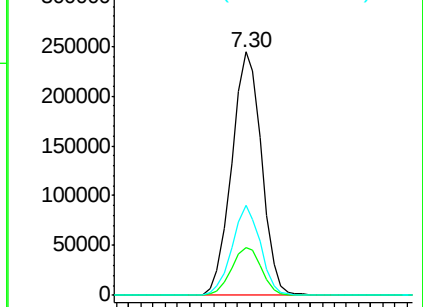
99 100

42 19.8 18.2 27.2

71 36.8 28.0 42.0



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: 12.623 ng

RT: 9.33 min Scan# 1062

Delta R.T. 0.38 min

Lab File: BG039872.D

Acq: 12 Mar 2019 13:37

Tgt Ion: 70 Resp: 30401

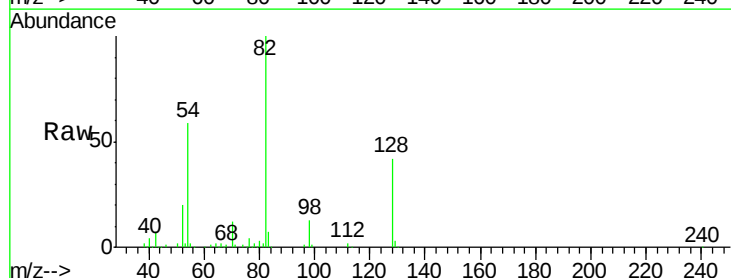
Ion Ratio Lower Upper

70 100

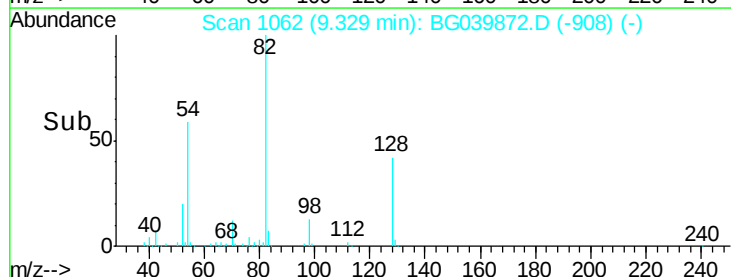
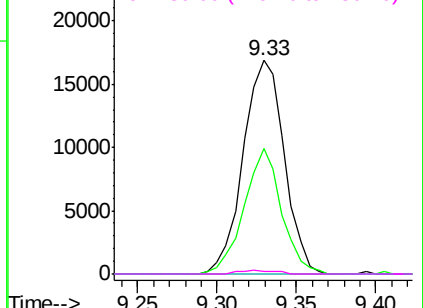
42 58.5 60.4 90.6#

101 0.0 7.5 11.3#

130 1.4 16.9 25.3#



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

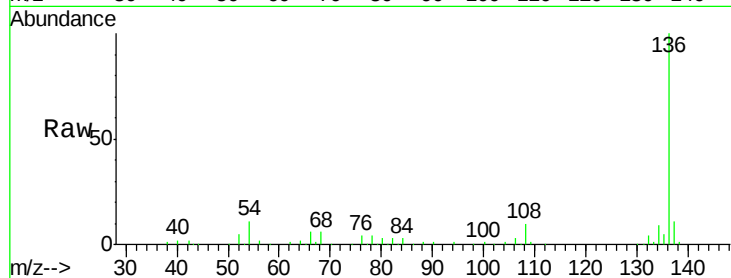




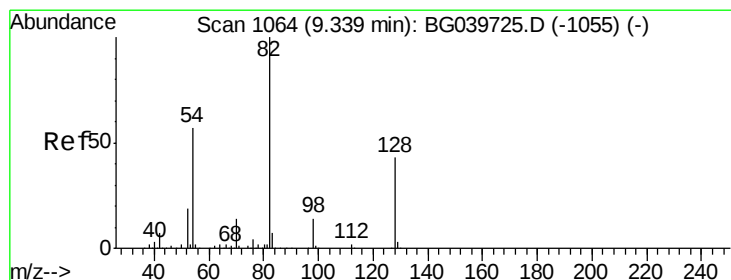
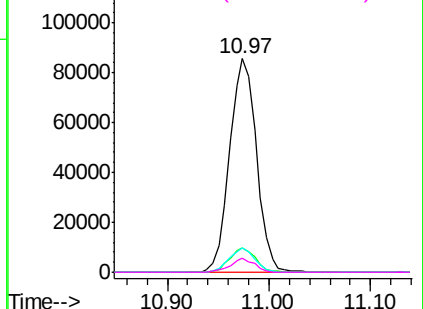
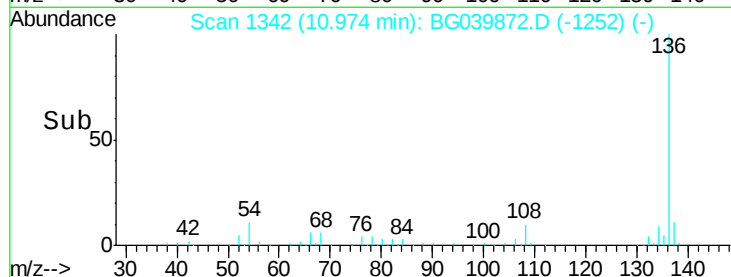
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BG039872.D
Acq: 12 Mar 2019 13:37

Instrument :
BNA_G
ClientSampleId :
PB117825BL

Tgt Ion: 136 Resp: 157196
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 11.4 9.4 14.2
68 6.4 4.2 6.4

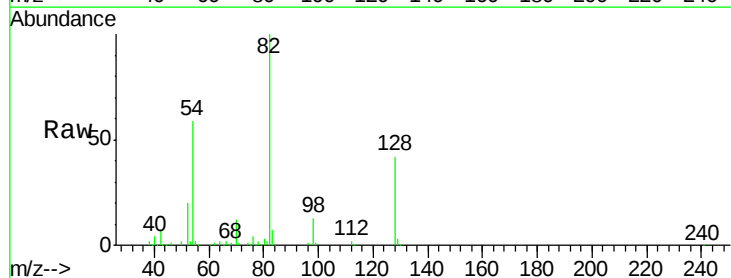


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

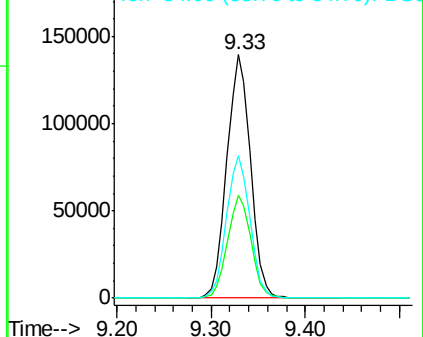
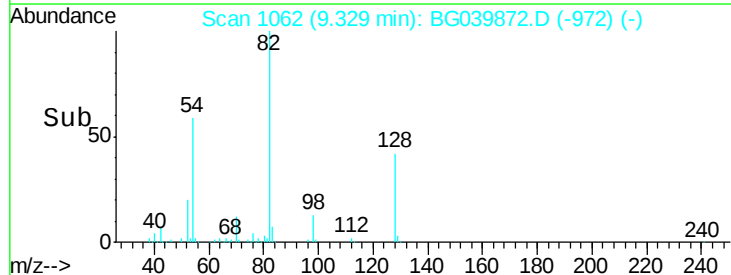


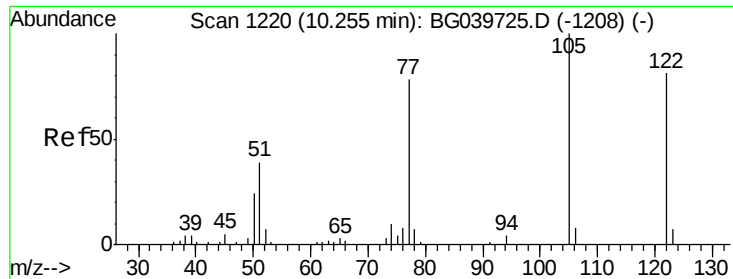
#23
Nitrobenzene-d5
Concen: 83.988 ng
RT: 9.33 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BG039872.D
Acq: 12 Mar 2019 13:37

Tgt Ion: 82 Resp: 244111
Ion Ratio Lower Upper
82 100
128 42.1 31.3 46.9
54 58.6 50.9 76.3



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

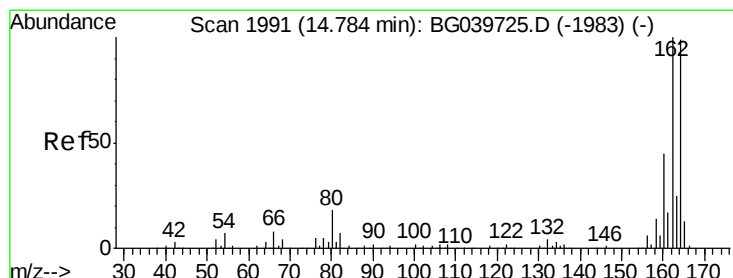
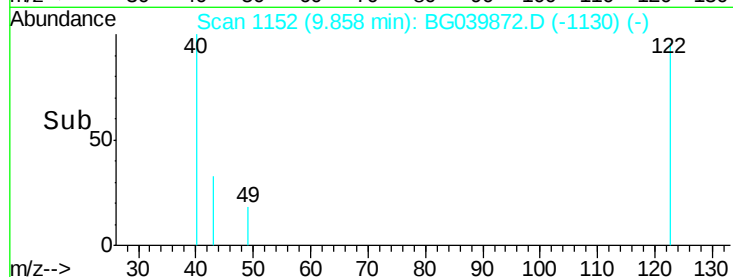
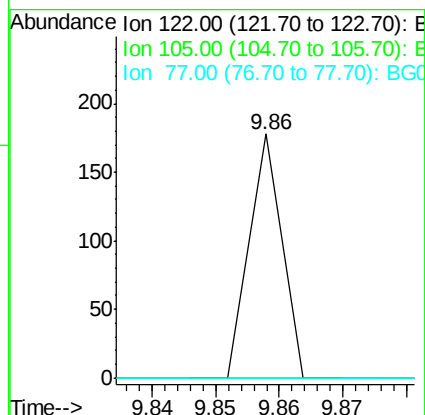
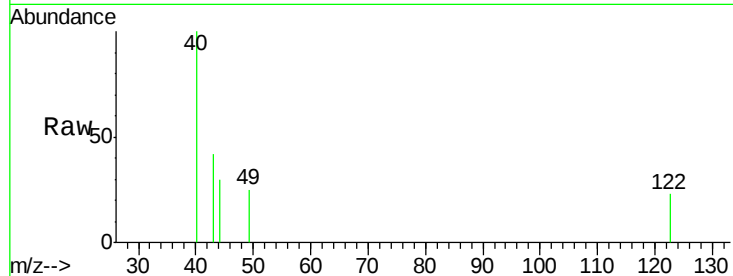




#32
Benzoic acid
Concen: 6.633 ng
RT: 9.86 min Scan# 1152
Delta R.T. -0.40 min
Lab File: BG039872.D
Acq: 12 Mar 2019 13:37

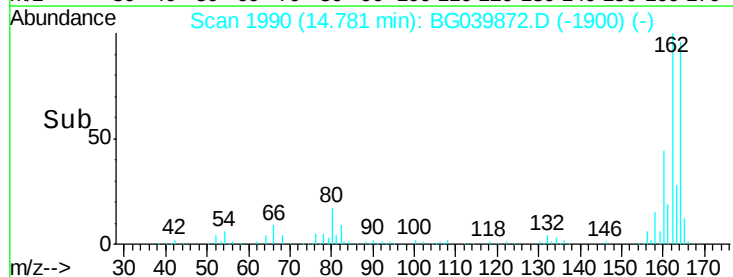
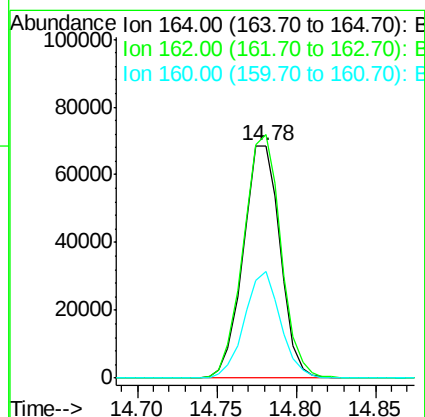
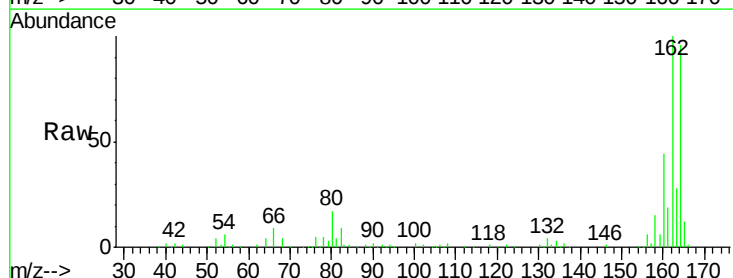
Instrument :
BNA_G
ClientSampleId :
PB117825BL

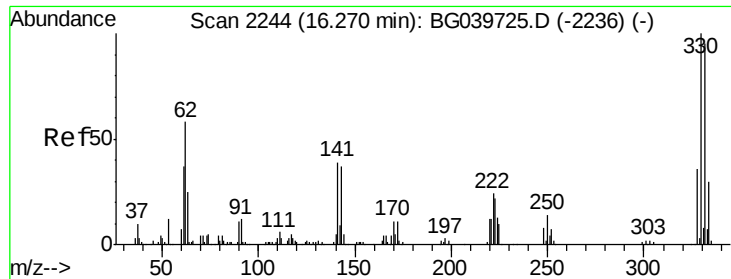
Tgt Ion:122 Resp: 63
Ion Ratio Lower Upper
122 100
105 0.0 101.8 141.8#
77 0.0 76.3 116.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG039872.D
Acq: 12 Mar 2019 13:37

Tgt Ion:164 Resp: 111407
Ion Ratio Lower Upper
164 100
162 104.6 81.6 122.4
160 45.7 34.2 51.2

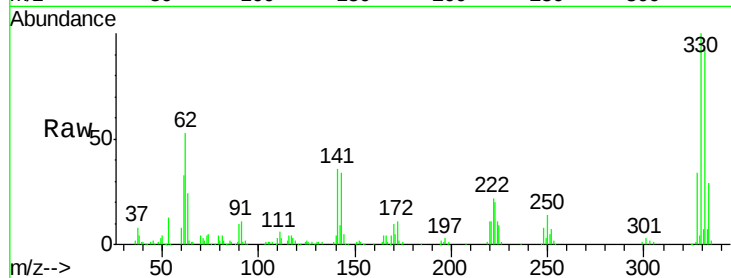




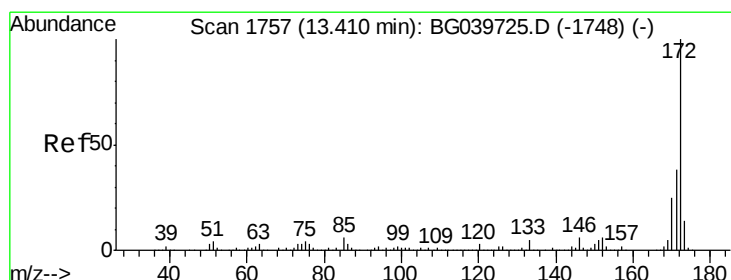
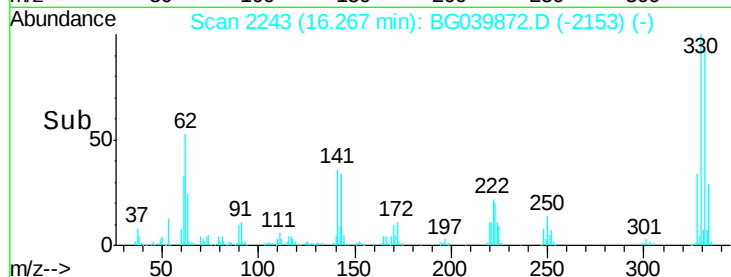
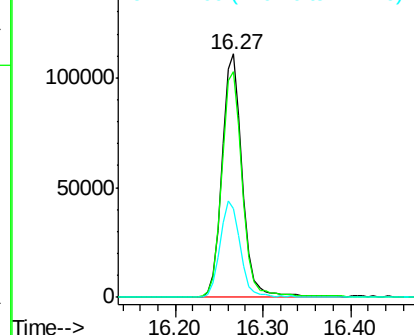
#42
 2,4,6-Tribromophenol
 Concen: 137.470 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. 0.00 min
 Lab File: BG039872.D
 Acq: 12 Mar 2019 13:37

Instrument :
 BNA_G
 ClientSampleId :
 PB117825BL

Tgt Ion:330 Resp: 178509
 Ion Ratio Lower Upper
 330 100
 332 94.8 75.7 113.5
 141 40.0 35.6 53.4

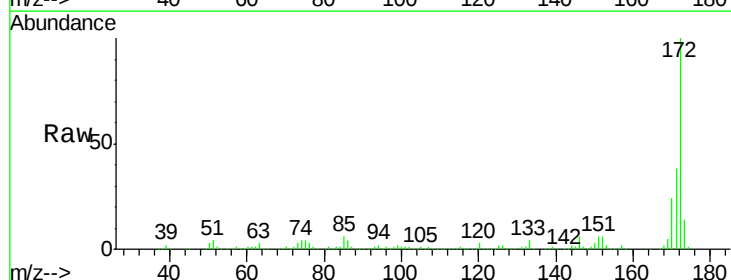


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

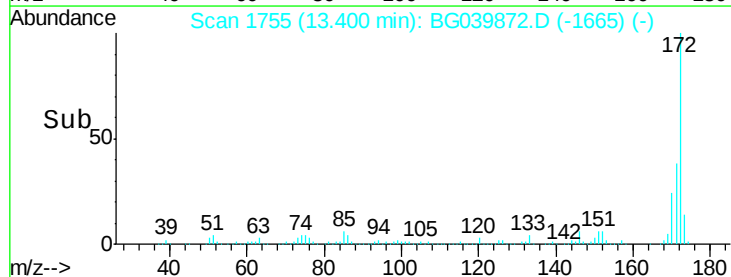
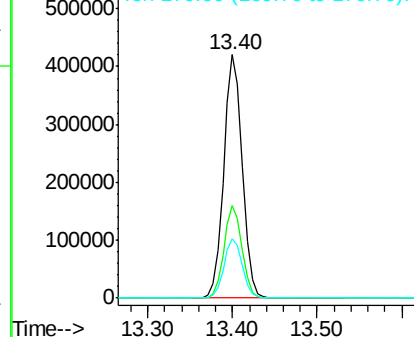


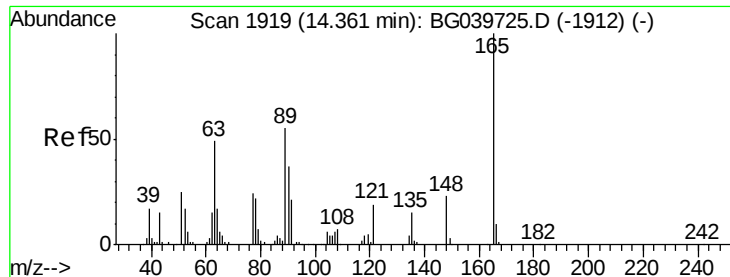
#45
 2-Fluorobiphenyl
 Concen: 81.637 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. 0.00 min
 Lab File: BG039872.D
 Acq: 12 Mar 2019 13:37

Tgt Ion:172 Resp: 638767
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.8 46.2
 170 24.4 20.2 30.4



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

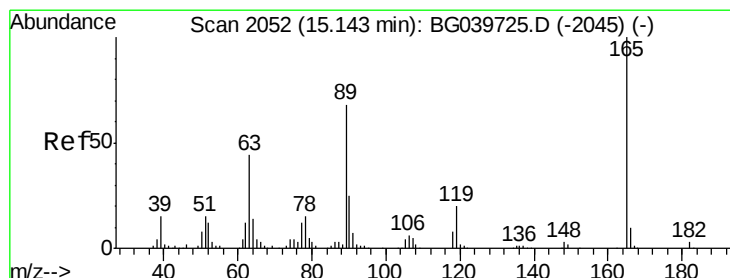
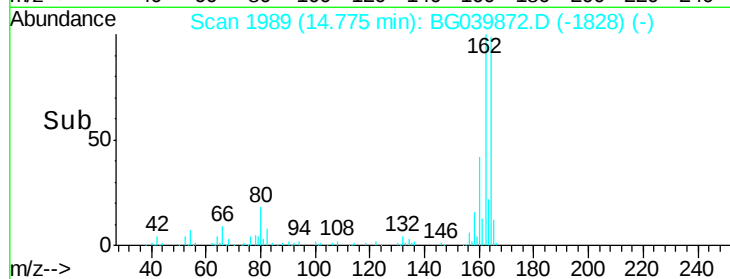
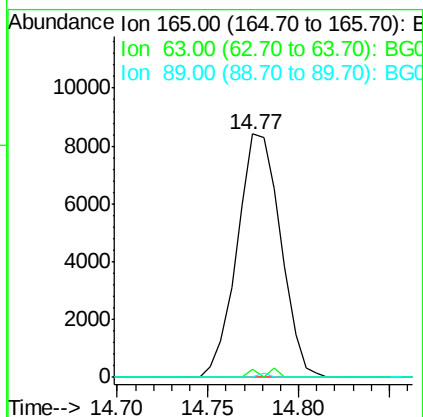
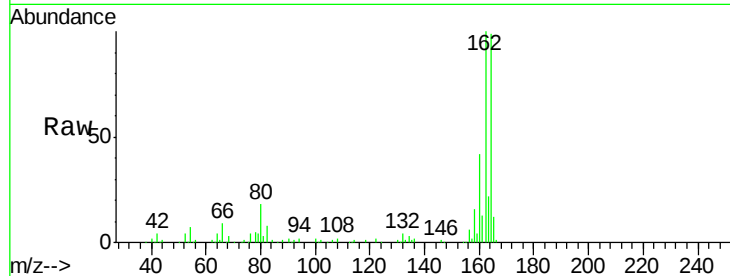




#51
 2,6-Dinitrotoluene
 Concen: 7.079 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. 0.42 min
 Lab File: BG039872.D
 Acq: 12 Mar 2019 13:37

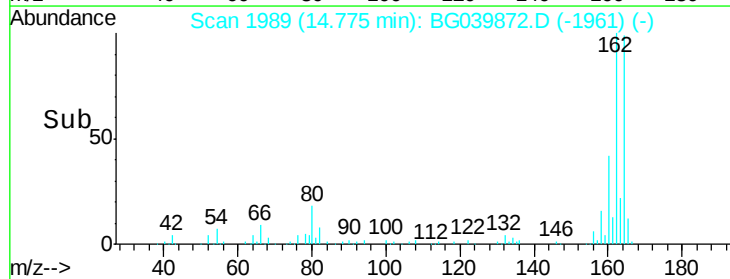
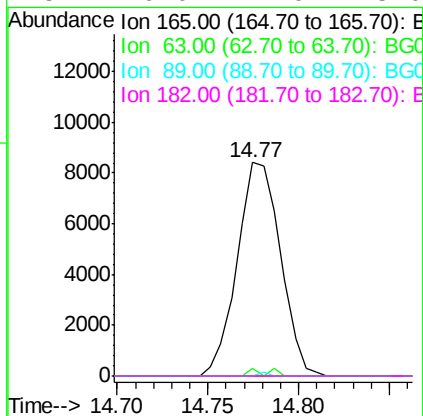
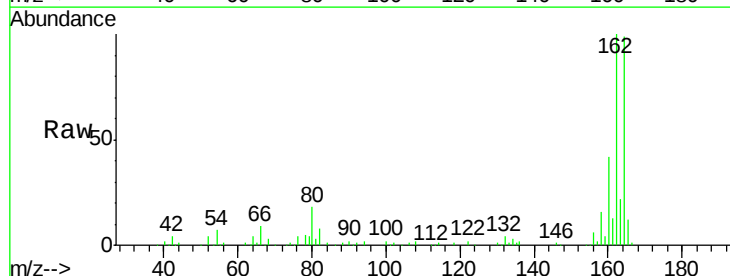
Instrument :
 BNA_G
 ClientSampleId :
 PB117825BL

Tgt Ion:165 Resp: 13981
 Ion Ratio Lower Upper
 165 100
 63 3.4 47.0 70.6#
 89 0.0 45.8 68.8#



#57
 2,4-Dinitrotoluene
 Concen: 5.038 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.36 min
 Lab File: BG039872.D
 Acq: 12 Mar 2019 13:37

Tgt Ion:165 Resp: 13981
 Ion Ratio Lower Upper
 165 100
 63 3.4 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. 0.00 min

Lab File: BG039872.D

Acq: 12 Mar 2019 13:37

Instrument :

BNA_G

ClientSampleId :

PB117825BL

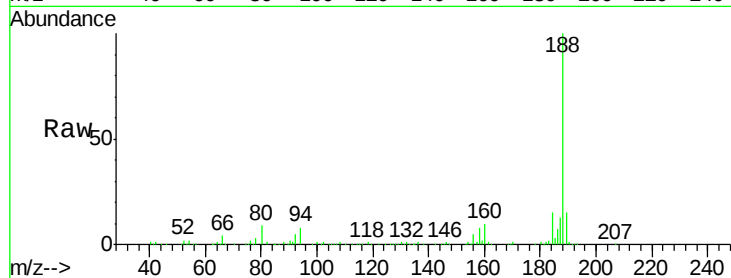
Tgt Ion:188 Resp: 297120

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

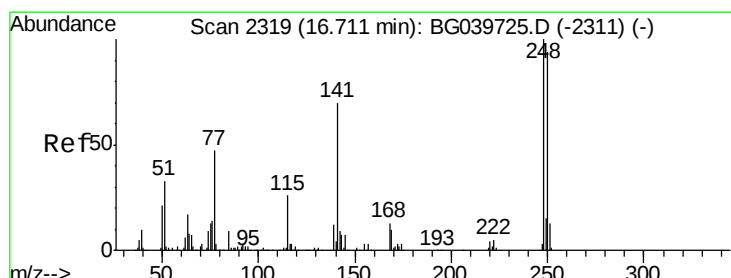
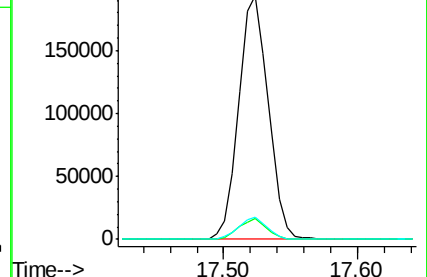
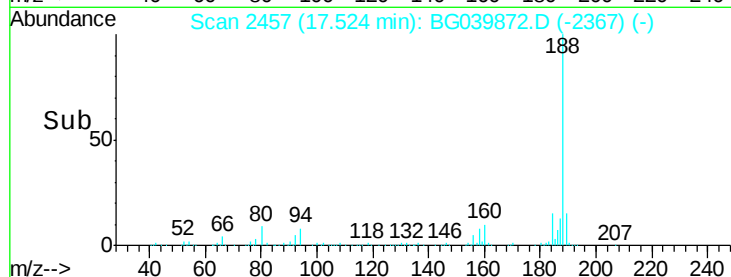
80 9.1 8.1 12.1



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: 4.133 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.45 min

Lab File: BG039872.D

Acq: 12 Mar 2019 13:37

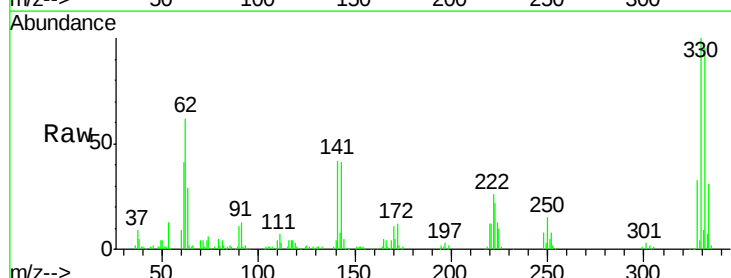
Tgt Ion:248 Resp: 13745

Ion Ratio Lower Upper

248 100

250 178.1 77.6 116.4#

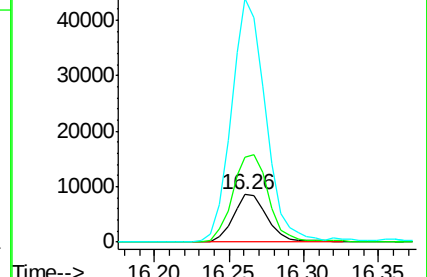
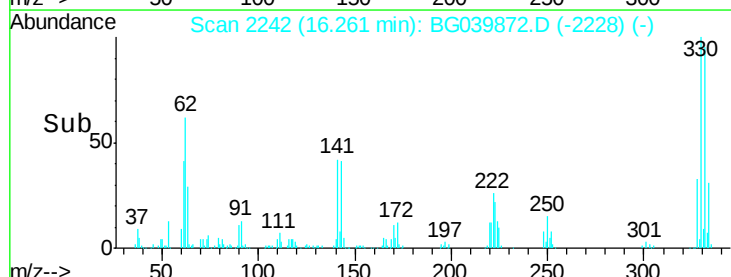
141 514.3 63.9 95.9#

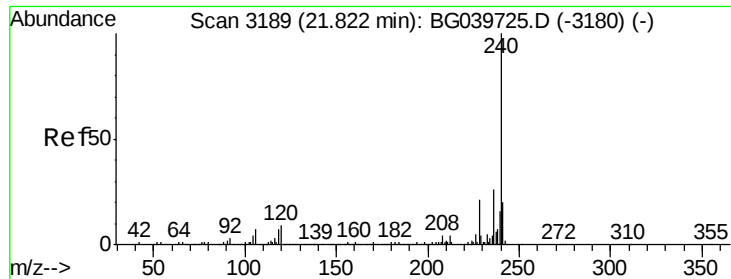


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

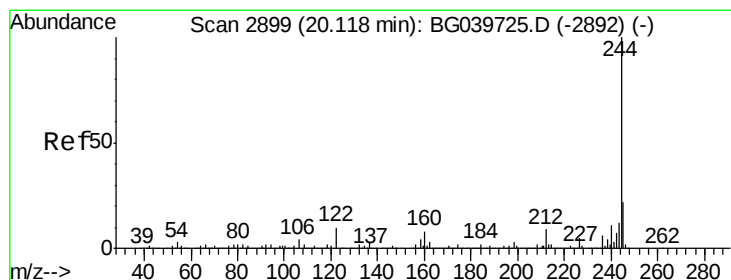
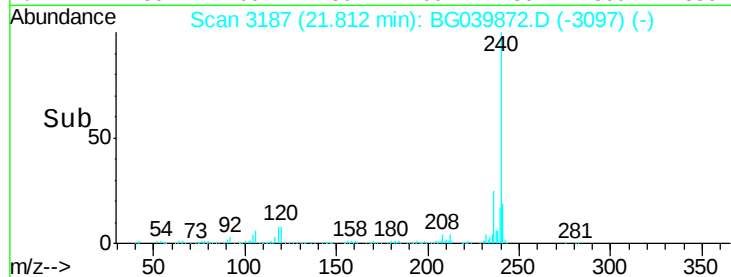
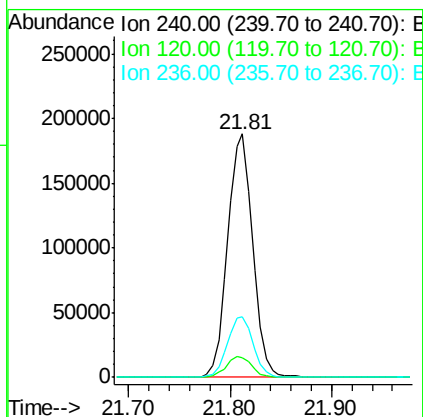
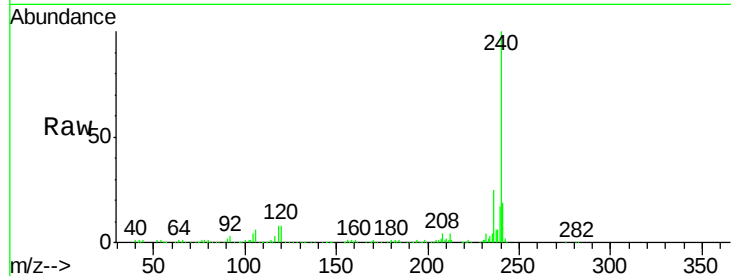




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. 0.00 min
Lab File: BG039872.D
Acq: 12 Mar 2019 13:37

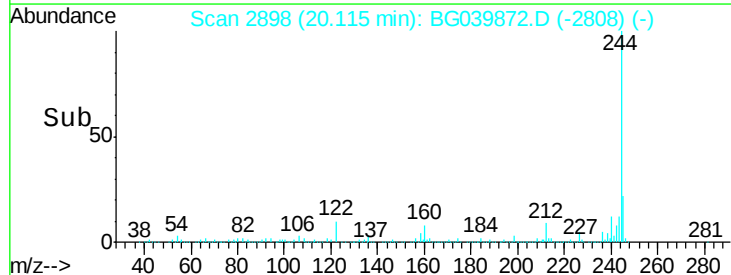
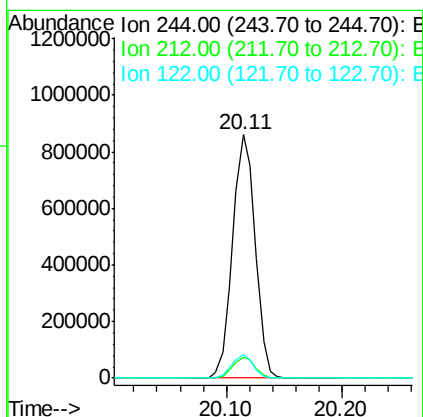
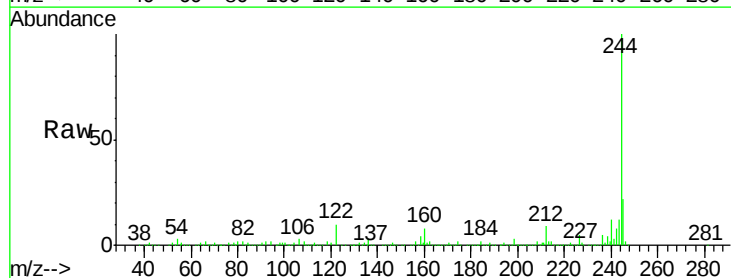
Instrument :
BNA_G
ClientSampleId :
PB117825BL

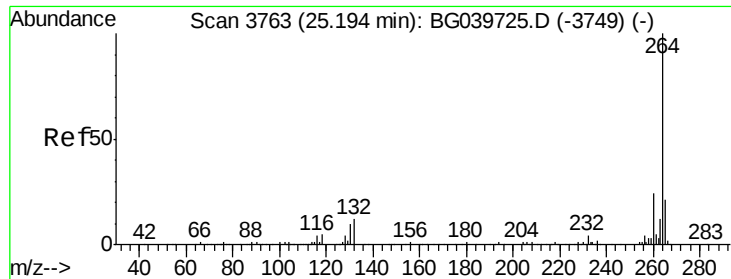
Tgt Ion:240 Resp: 322400
Ion Ratio Lower Upper
240 100
120 8.1 7.0 10.6
236 25.1 21.0 31.4



#79
Terphenyl-d14
Concen: 79.524 ng
RT: 20.11 min Scan# 2898
Delta R.T. 0.00 min
Lab File: BG039872.D
Acq: 12 Mar 2019 13:37

Tgt Ion:244 Resp: 1164434
Ion Ratio Lower Upper
244 100
212 8.7 7.3 10.9
122 9.7 8.4 12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3760
Delta R.T. -0.01 min
Lab File: BG039872.D
Acq: 12 Mar 2019 13:37

Instrument :
BNA_G
ClientSampleId :
PB117825BL

Tgt Ion:	264	Resp:	307076
Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	22.4	18.5	27.7

