

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040919\
 Data File : BG040397.D
 Acq On : 9 Apr 2019 13:43
 Operator : JU/SJ
 Sample : K2317-14
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 10 00:50:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

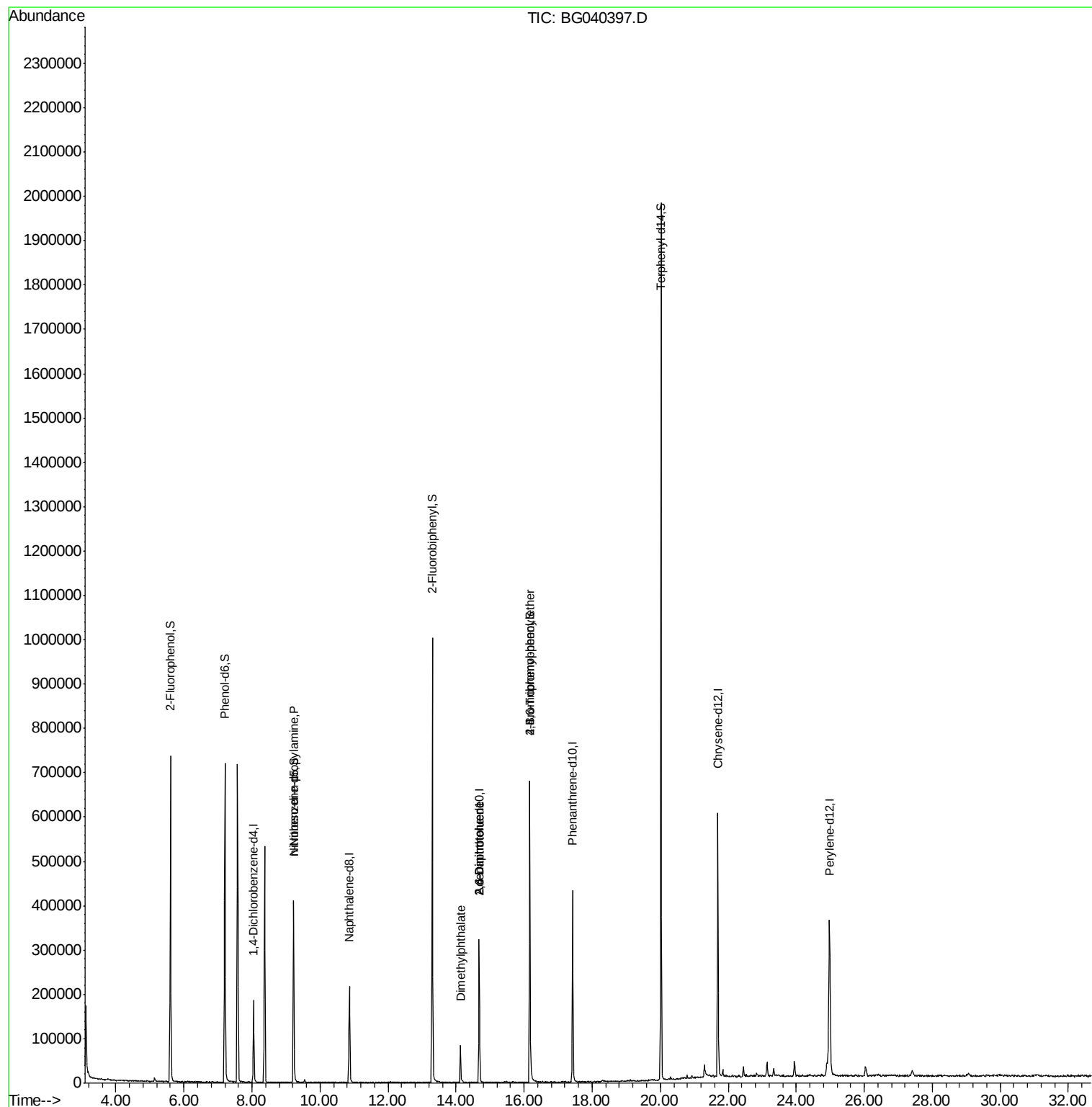
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	51965	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	202720	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	115709	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	285834	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	383924	20.00	ng	-0.03
87) Perylene-d12	24.98	264	416095	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	332087	106.24	ng	-0.02
7) Phenol-d6	7.20	99	452243	104.69	ng	-0.02
23) Nitrobenzene-d5	9.22	82	256940	67.37	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	127570	102.01	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	554631	71.03	ng	-0.02
79) Terphenyl-d14	20.03	244	964652	56.53	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	31637	10.214	ng	Qvalue # 69
50) Dimethylphthalate	14.13	163	66834	7.380	ng	# 96
51) 2,6-Dinitrotoluene	14.68	165	15781	7.761	ng	# 26
57) 2,4-Dinitrotoluene	14.68	165	15781	5.585	ng	# 26
67) 4-Bromophenyl-phenylether	16.17	248	9720	3.022	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040919\
Data File : BG040397.D
Acq On : 9 Apr 2019 13:43
Operator : JU/SJ
Sample : K2317-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 10 00:50:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration



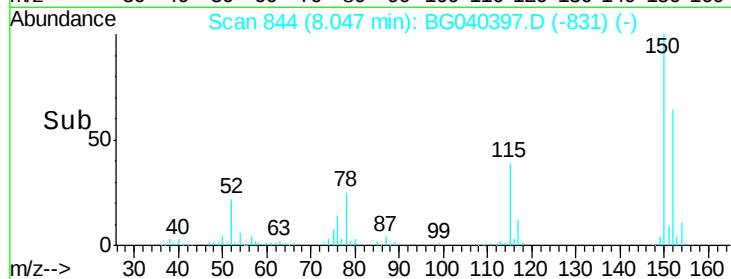
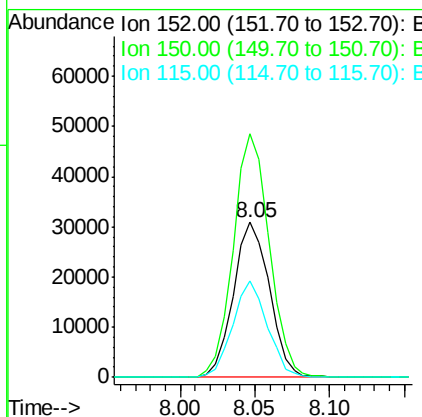
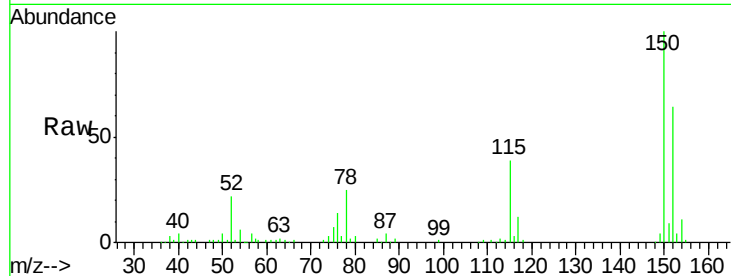


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040397.D
Acq: 9 Apr 2019 13:43

Instrument :
BNA_G
ClientSampleId :

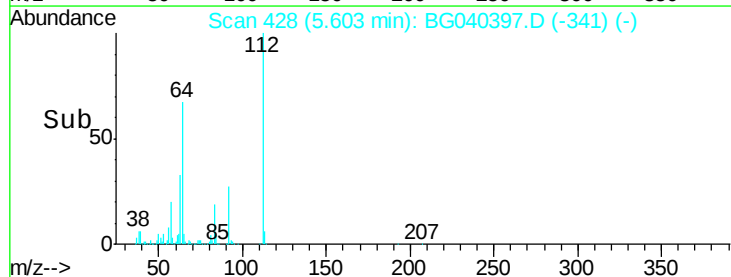
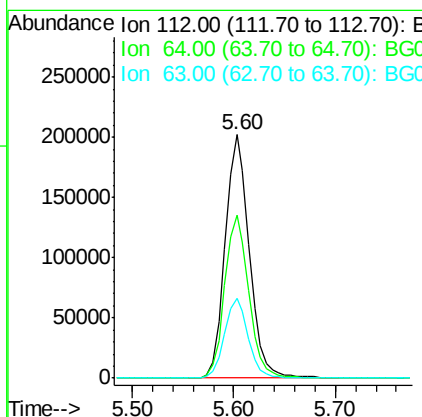
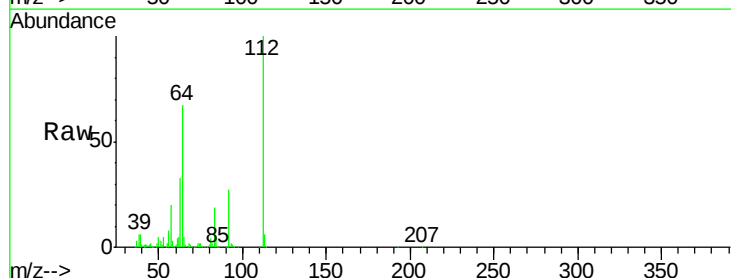
Tot Ion:152 Resp: 51965
Ion Ratio Lower Upper
152 100
150 156.9 123.7 185.5
115 62.0 46.9 70.3



#5

2-Fluorophenol
Concen: 106.238 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040397.D
Acq: 9 Apr 2019 13:43

Tgt Ion:112 Resp: 332087
Ion Ratio Lower Upper
112 100
64 66.7 54.2 81.2
63 32.6 26.4 39.6





#7

Phenol-d6

Concen: 104.685 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040397.D

Acq: 9 Apr 2019 13:43

Instrument :

BNA_G

ClientSampleId :

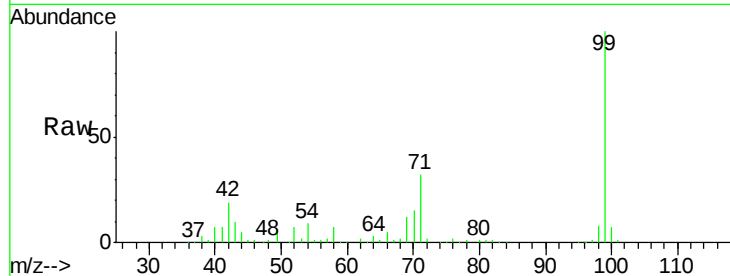
Tot Ion: 99 Resp: 452243

Ion Ratio Lower Upper

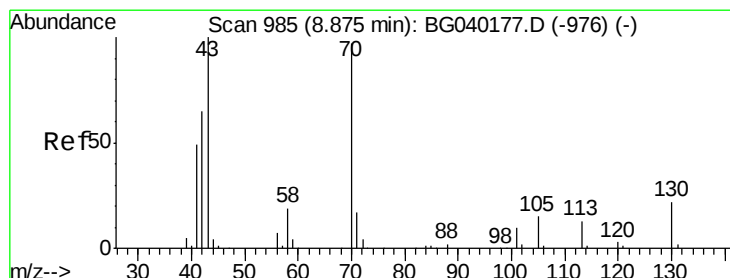
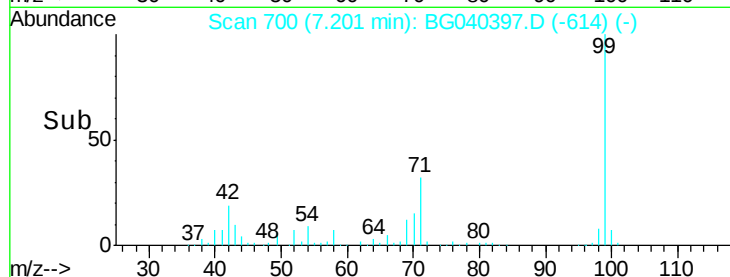
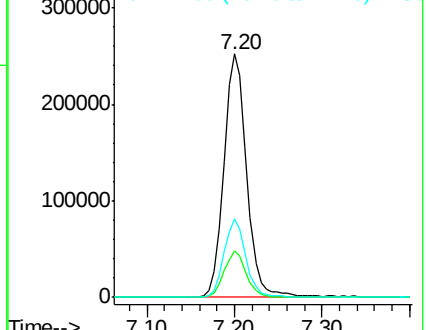
99 100

42 19.0 16.2 24.2

71 32.2 26.8 40.2



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: 10.214 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.35 min

Lab File: BG040397.D

Acq: 9 Apr 2019 13:43

Tgt Ion: 70 Resp: 31637

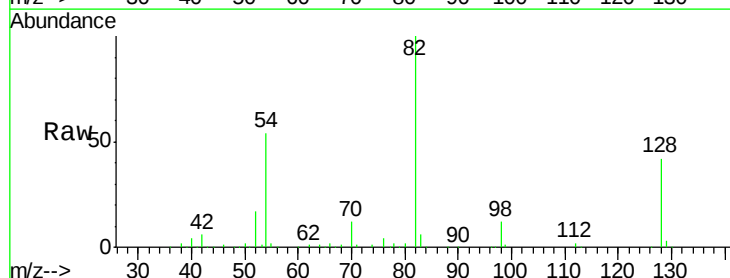
Ion Ratio Lower Upper

70 100

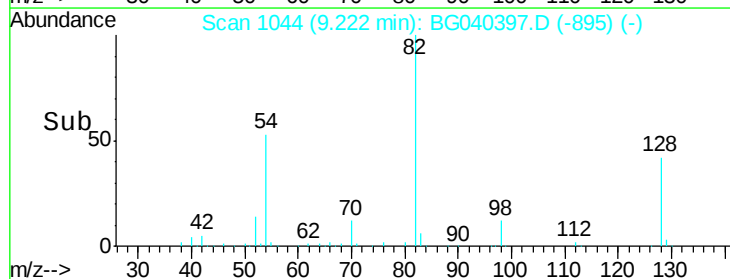
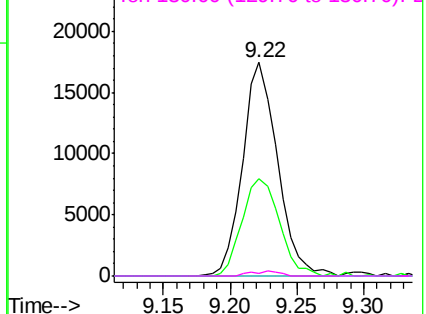
42 45.3 54.0 81.0#

101 0.0 8.6 13.0#

130 1.4 18.2 27.2#



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

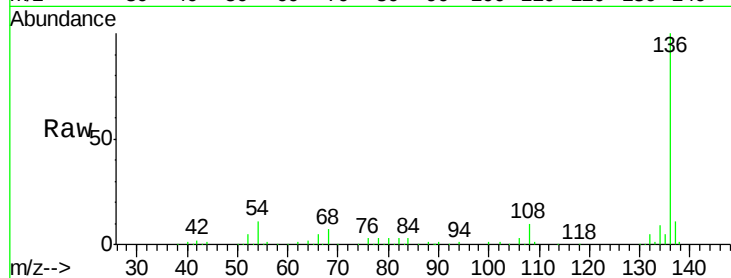




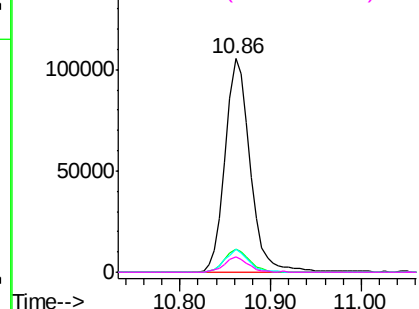
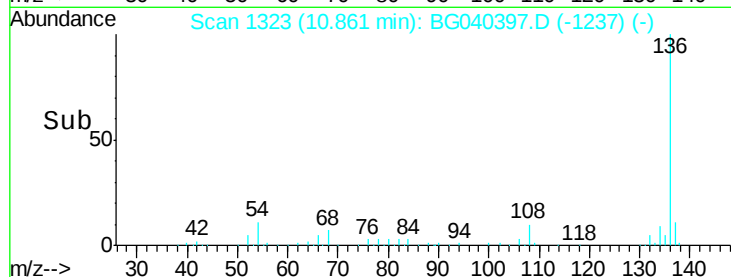
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040397.D
Acq: 9 Apr 2019 13:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	202720
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.9 13.3
54	10.7	9.6 14.4
68	7.1	5.1 7.7

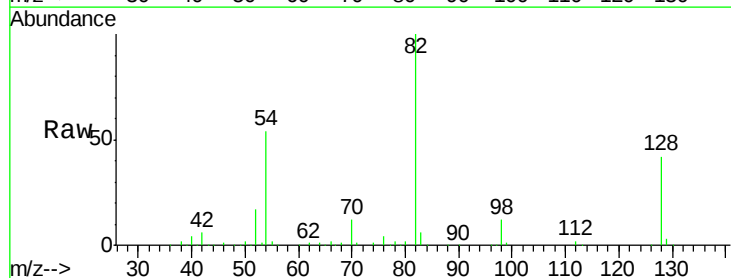


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

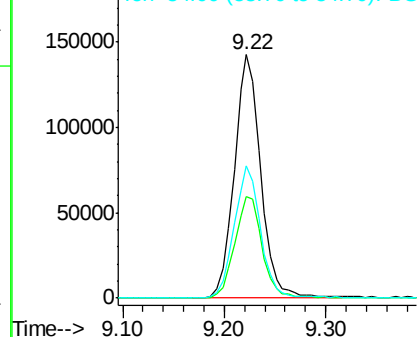
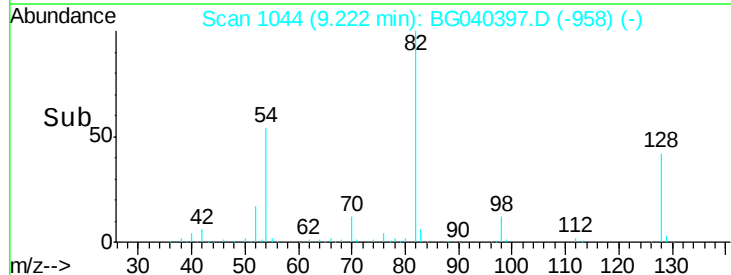


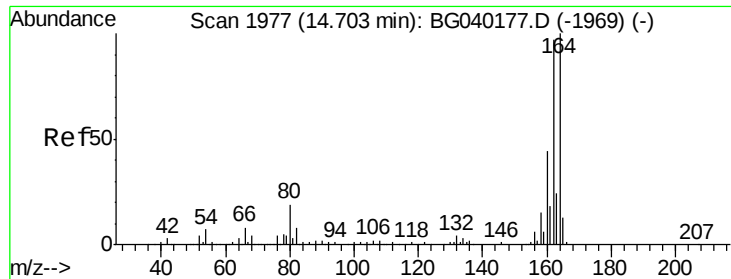
#23
Nitrobenzene-d5
Concen: 67.370 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040397.D
Acq: 9 Apr 2019 13:43

Tgt Ion: 82	Resp:	256940
Ion	Ratio	Lower Upper
82	100	
128	41.9	35.8 53.8
54	54.5	46.2 69.2



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

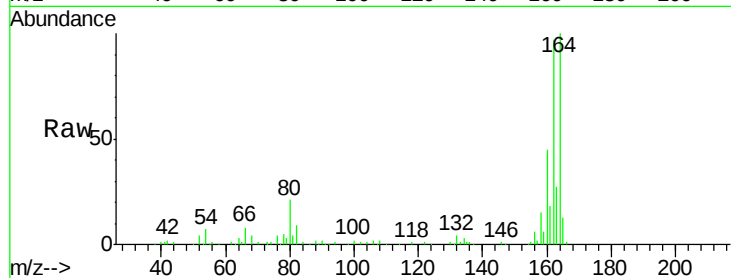




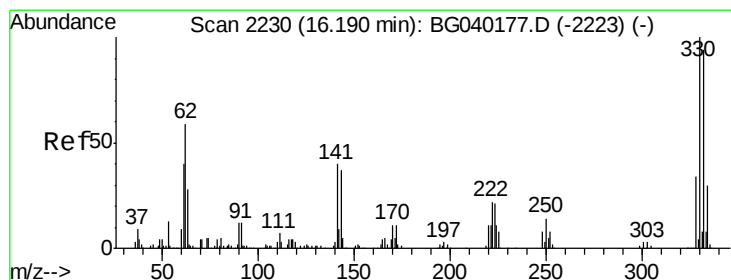
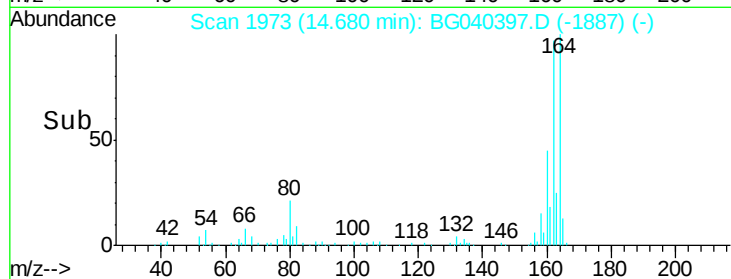
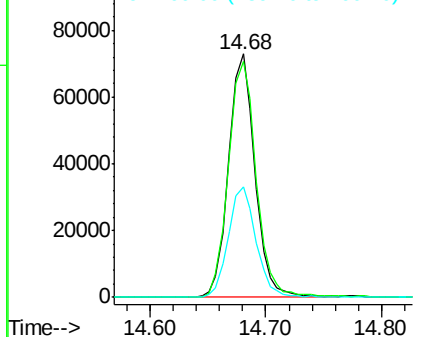
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040397.D
Acq: 9 Apr 2019 13:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 115709
Ion Ratio Lower Upper
164 100
162 96.7 77.4 116.2
160 45.1 35.3 52.9

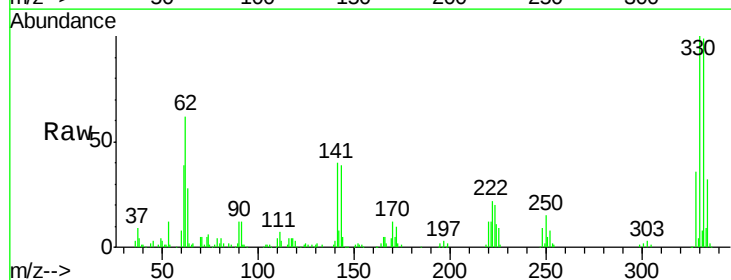


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

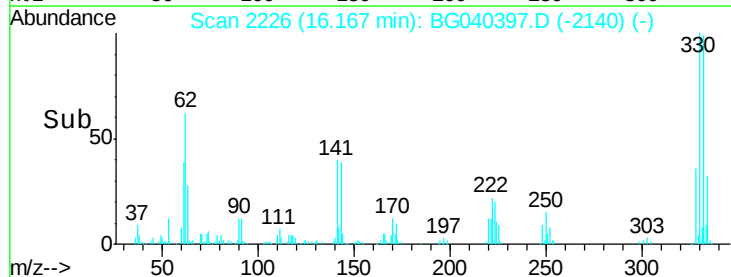
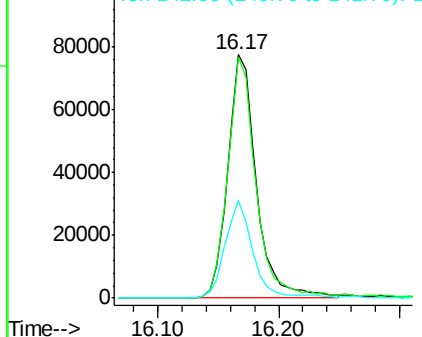


#42
2,4,6-Tribromophenol
Concen: 102.014 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG040397.D
Acq: 9 Apr 2019 13:43

Tgt Ion:330 Resp: 127570
Ion Ratio Lower Upper
330 100
332 98.9 76.6 115.0
141 38.9 32.6 48.8



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

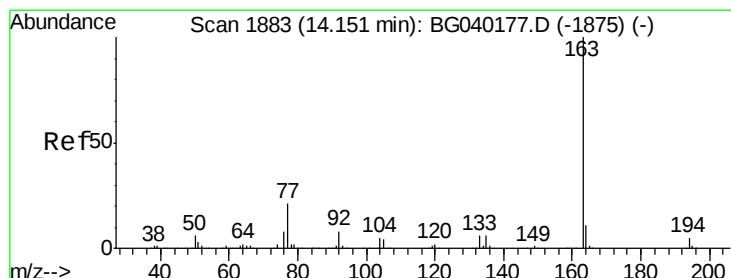
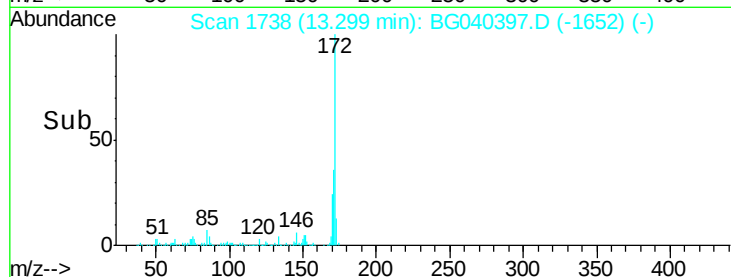
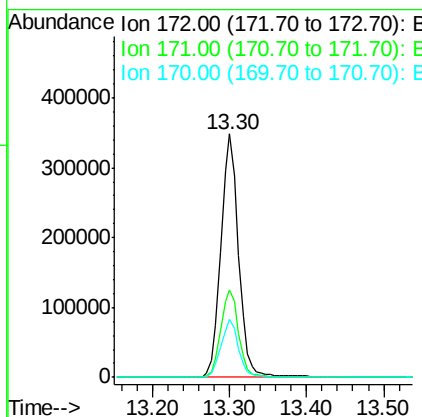
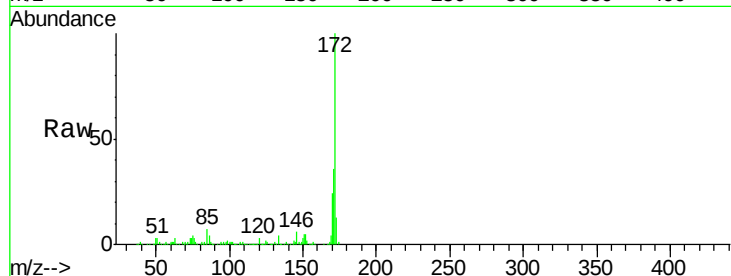




#45
2-Fluorobiphenyl
Concen: 71.026 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040397.D
Acq: 9 Apr 2019 13:43

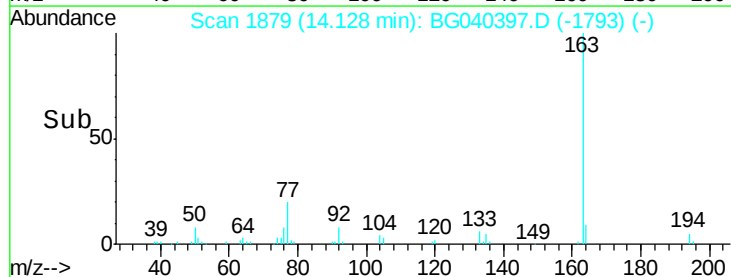
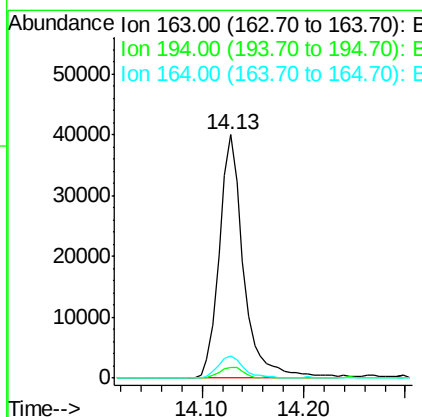
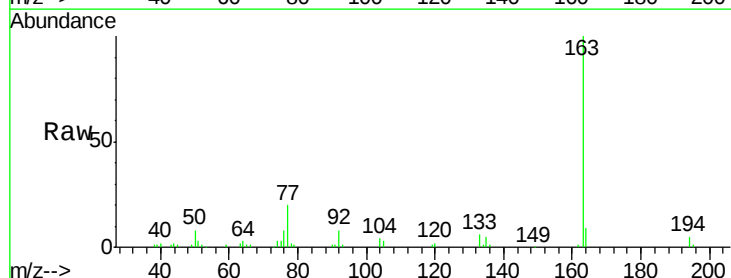
Instrument :
BNA_G
ClientSampleId :

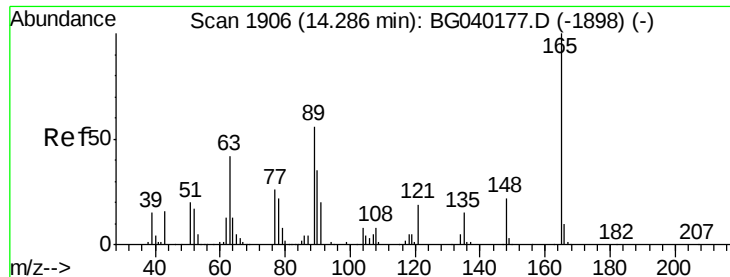
Tot Ion:172 Resp: 554631
Ion Ratio Lower Upper
172 100
171 36.1 30.5 45.7
170 23.7 20.1 30.1



#50
Dimethylphthalate
Concen: 7.380 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG040397.D
Acq: 9 Apr 2019 13:43

Tgt Ion:163 Resp: 66834
Ion Ratio Lower Upper
163 100
194 4.6 4.1 6.1
164 9.0 8.6 13.0

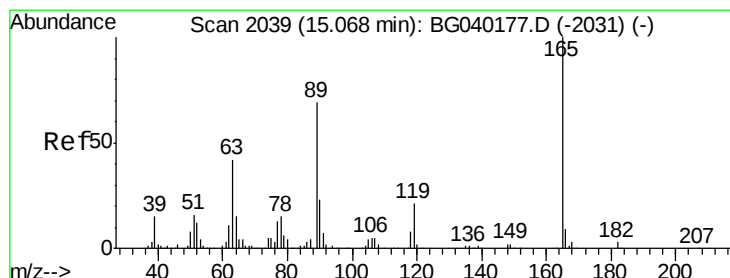
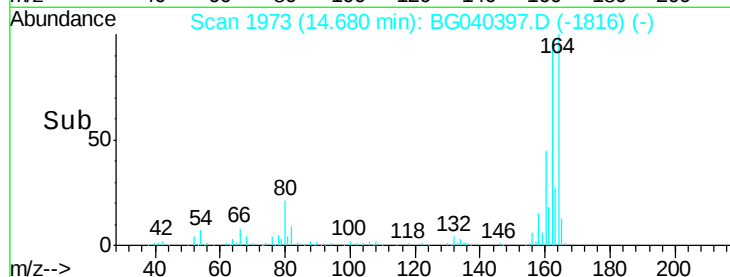
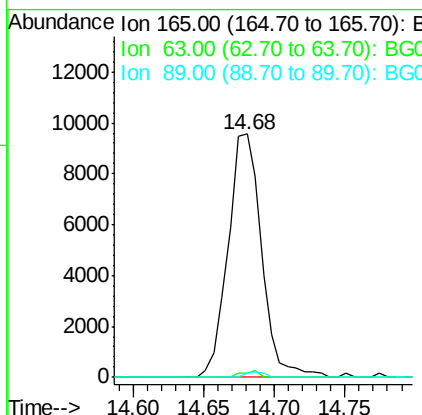
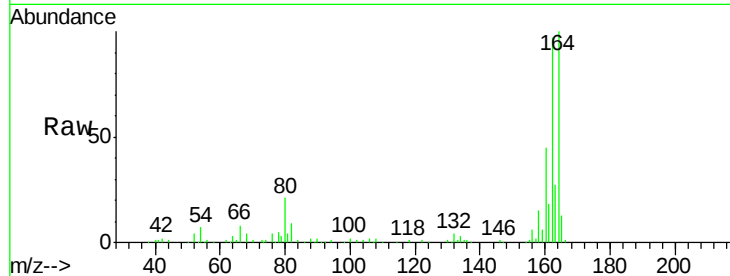




#51
 2,6-Dinitrotoluene
 Concen: 7.761 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. 0.39 min
 Lab File: BG040397.D
 Acq: 9 Apr 2019 13:43

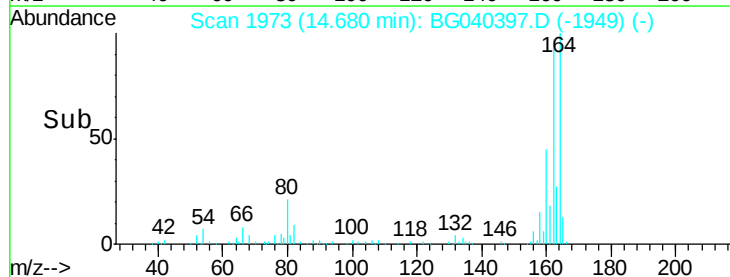
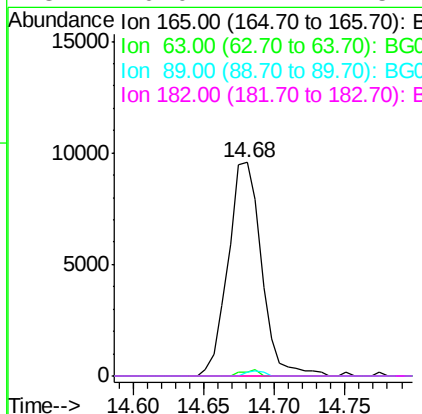
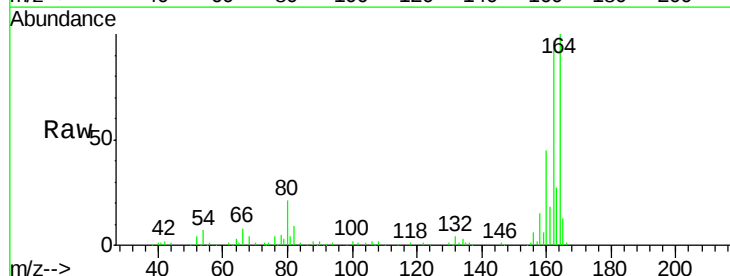
Instrument :
 BNA_G
 ClientSampleId :

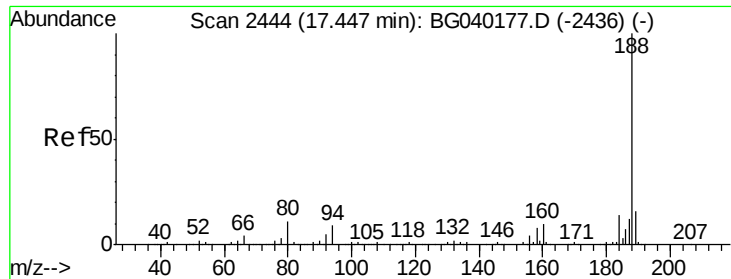
Tot Ion:165 Resp: 15781
 Ion Ratio Lower Upper
 165 100
 63 1.8 44.1 66.1#
 89 1.7 44.9 67.3#



#57
 2,4-Dinitrotoluene
 Concen: 5.585 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.39 min
 Lab File: BG040397.D
 Acq: 9 Apr 2019 13:43

Tgt Ion:165 Resp: 15781
 Ion Ratio Lower Upper
 165 100
 63 1.8 33.8 50.6#
 89 1.7 55.4 83.2#
 182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG040397.D

Acq: 9 Apr 2019 13:43

Instrument :

BNA_G

ClientSampleId :

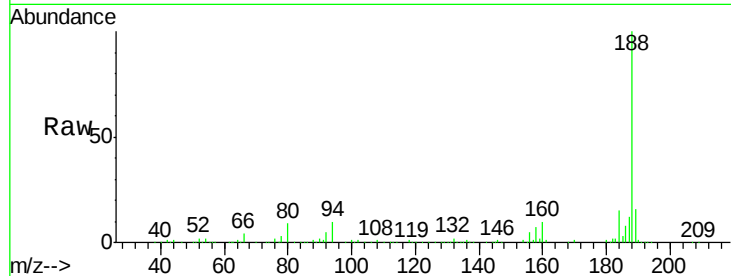
Tot Ion:188 Resp: 285834

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.4

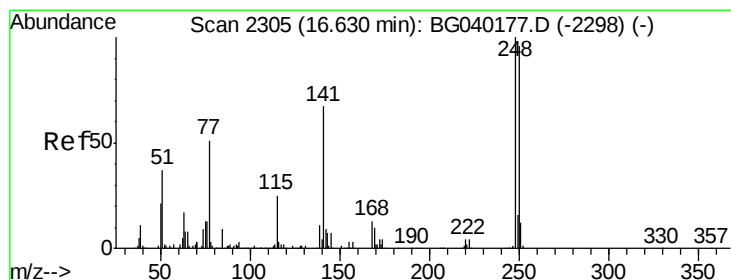
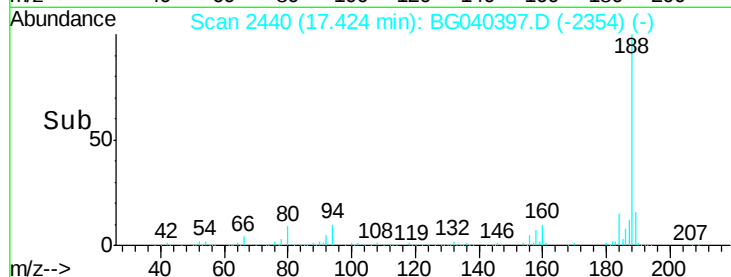
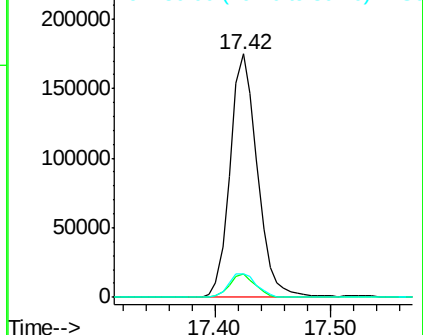
80 9.5 8.6 13.0



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: 3.022 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.46 min

Lab File: BG040397.D

Acq: 9 Apr 2019 13:43

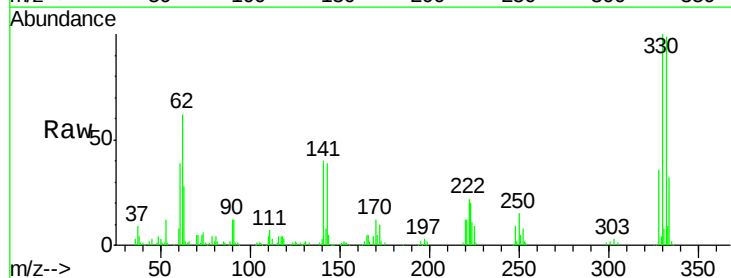
Tgt Ion:248 Resp: 9720

Ion Ratio Lower Upper

248 100

250 219.3 76.4 114.6#

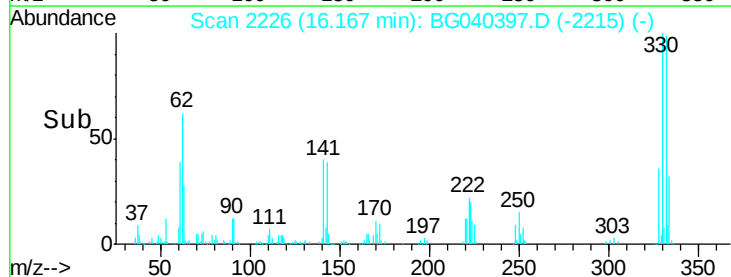
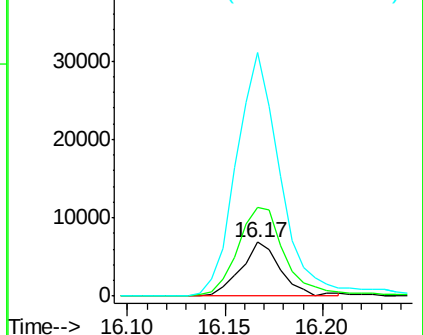
141 454.1 53.8 80.8#

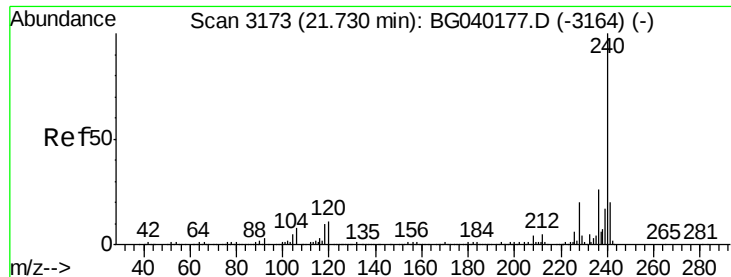


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrvsene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.03 min

Lab File: BG040397.D

Acq: 9 Apr 2019 13:43

Instrument :

BNA_G

ClientSampleId :

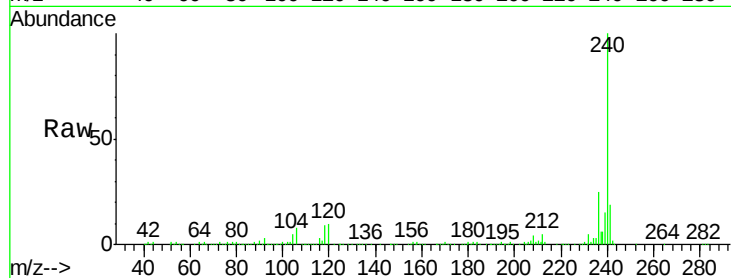
Tot Ion:240 Resp: 383924

Ion Ratio Lower Upper

240 100

120 10.3 8.4 12.6

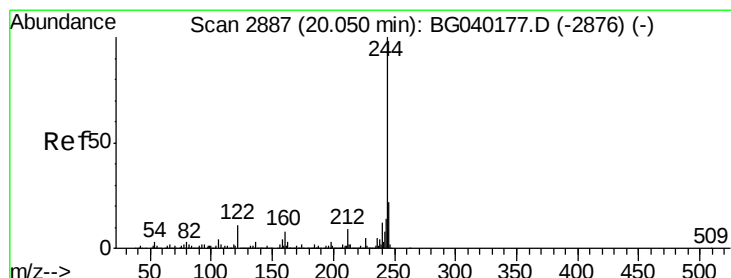
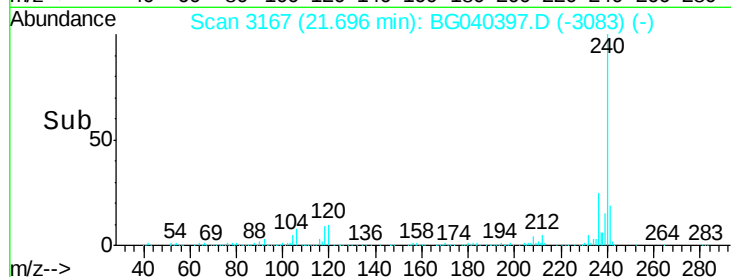
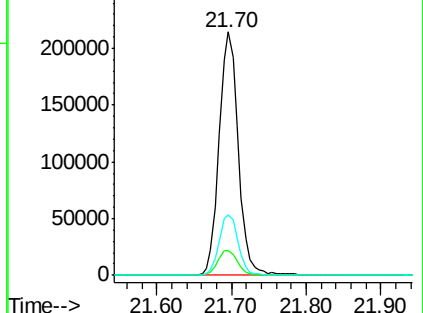
236 24.8 20.8 31.2



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: 56.525 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG040397.D

Acq: 9 Apr 2019 13:43

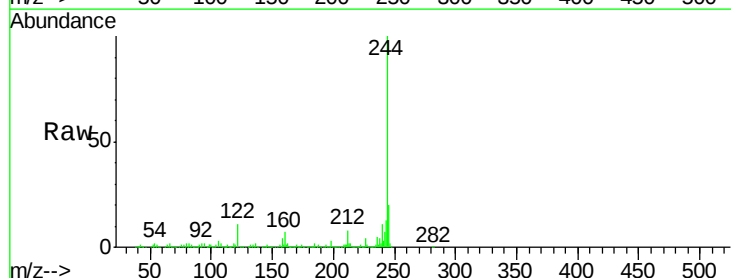
Tgt Ion:244 Resp: 964652

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.6

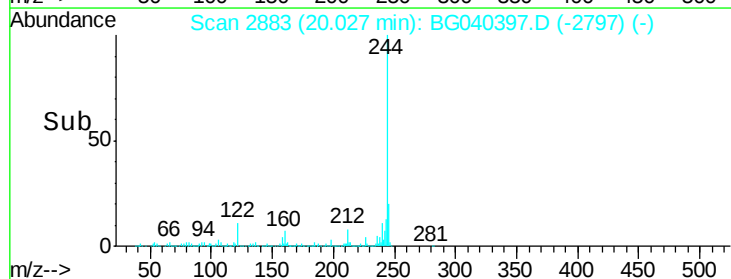
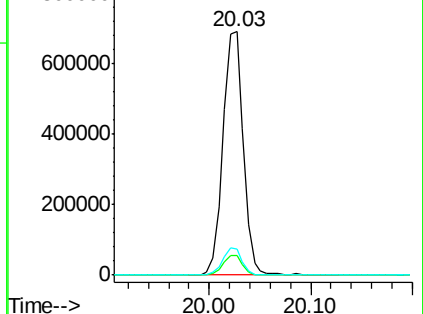
122 10.7 8.5 12.7

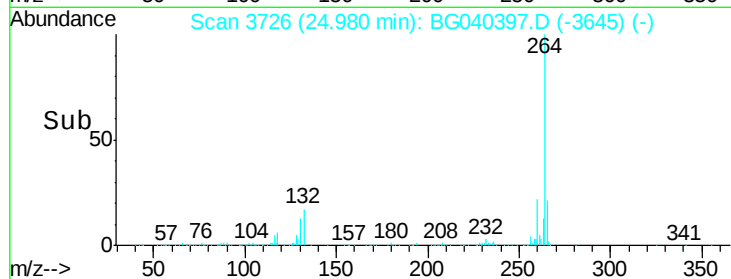
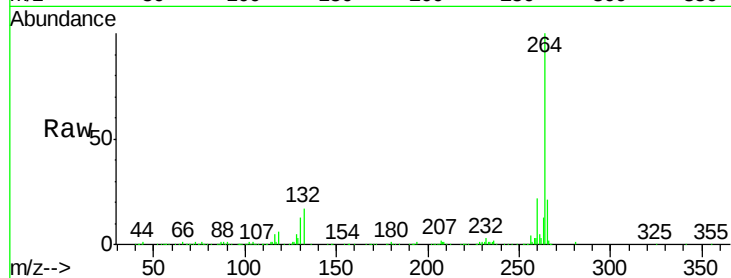
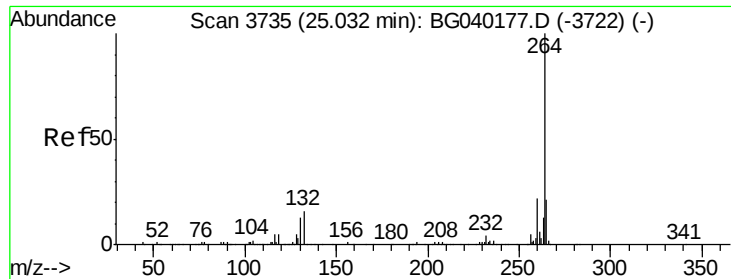


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.98 min Scan# 3726
 Delta R.T. -0.05 min
 Lab File: BG040397.D
 Acq: 9 Apr 2019 13:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.9	26.9
265	20.7	16.8	25.2

