

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011419\
 Data File : BG039127.D
 Acq On : 14 Jan 2019 19:09
 Operator : JU/SJ
 Sample : K1135-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPGP-6

Quant Time: Jan 14 22:40:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

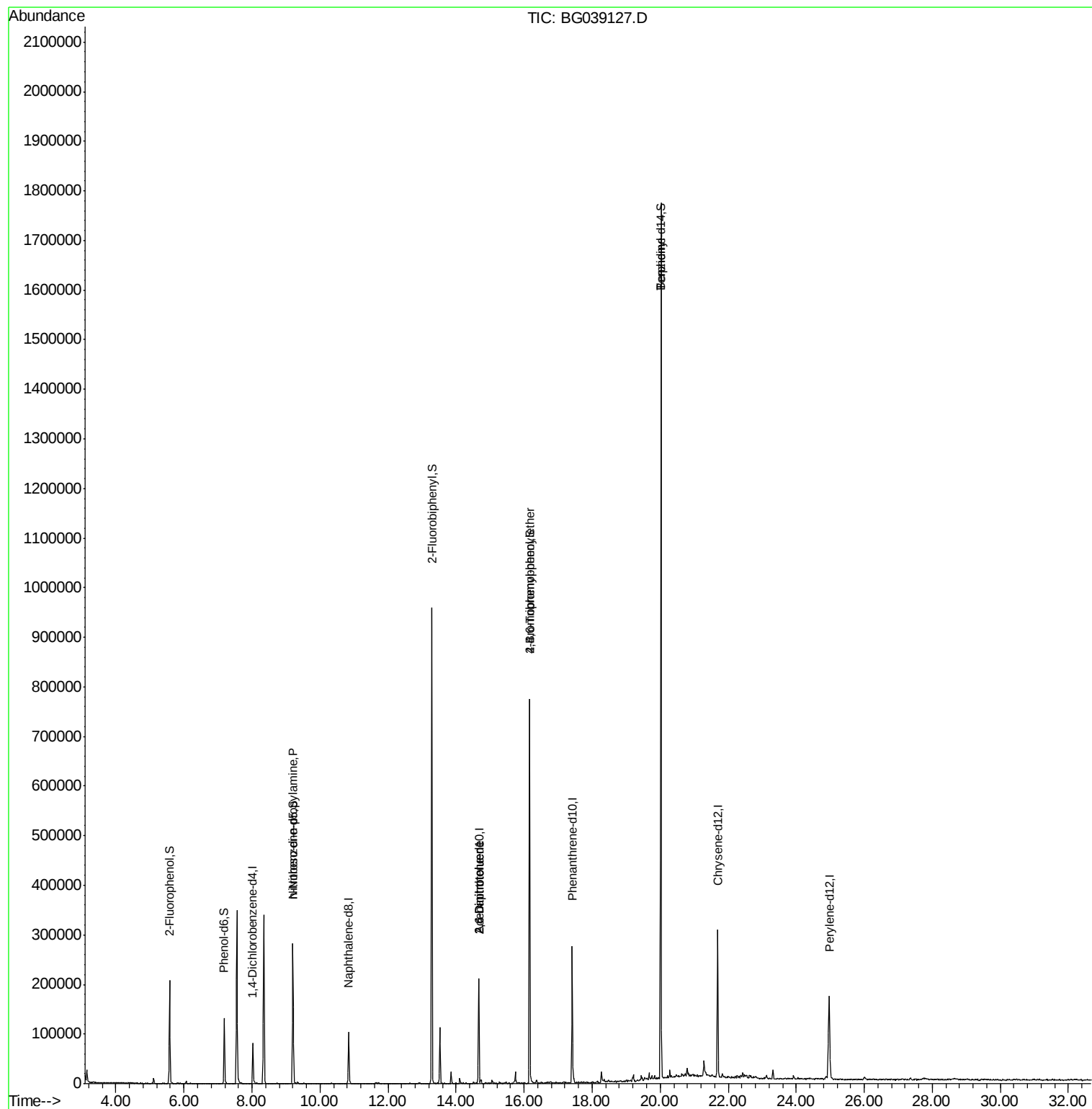
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	26465	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	96069	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	82252	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	179747	20.00	ng	0.00
76) Chrysene-d12	21.69	240	186862	20.00	ng	-0.01
87) Perylene-d12	24.96	264	202965	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	100188	71.81	ng	0.00
7) Phenol-d6	7.18	99	80006	39.85	ng	0.00
23) Nitrobenzene-d5	9.20	82	169993	96.83	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	175466	127.26	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	502803	83.66	ng	0.00
79) Terphenyl-d14	20.02	244	899822	89.08	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	23044	17.478	ng	# 66
51) 2,6-Dinitrotoluene	14.67	165	10796	6.947	ng	# 28
57) 2,4-Dinitrotoluene	14.67	165	10796	4.842	ng	# 30
67) 4-Bromophenyl-phenylether	16.15	248	11369	4.920	ng	# 1
77) Benzidine	20.01	184	14441	2.527	ng	# 95

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

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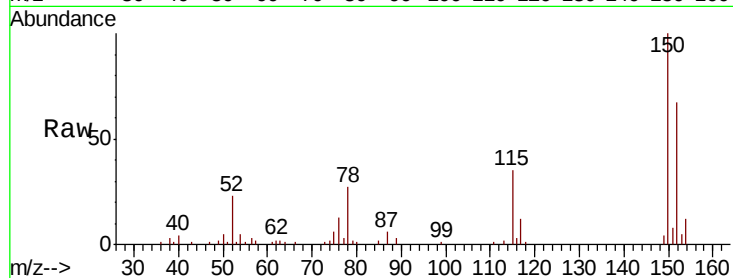


#1

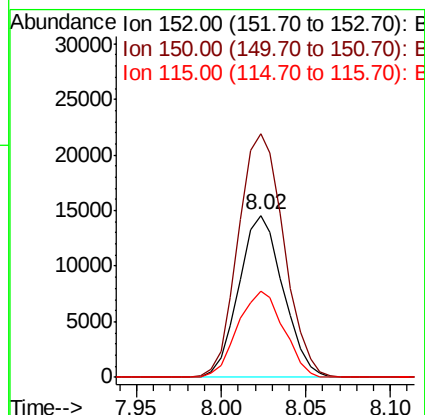
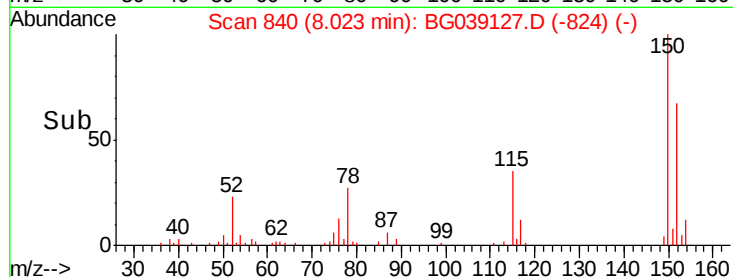
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039127.D
Acq: 14 Jan 2019 19:09

Instrument :
BNA_G
ClientSampleId :
CPGP-6

Tgt Ion:152 Resp: 26465
Ion Ratio Lower Upper
152 100
150 150.3 124.7 187.1
115 53.2 46.5 69.7



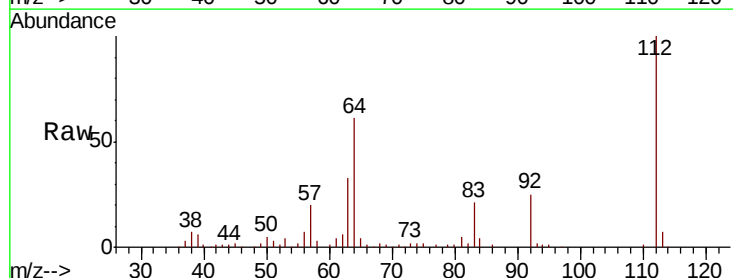
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



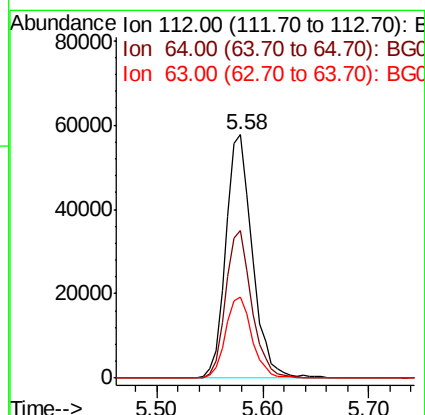
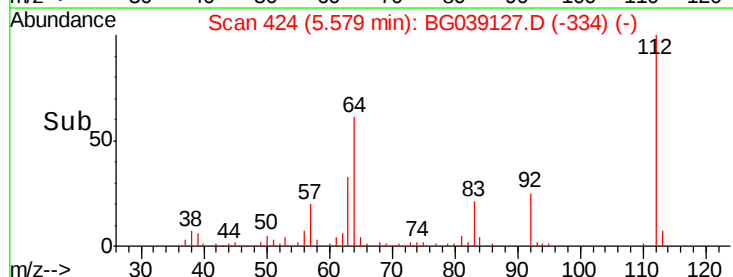
#5

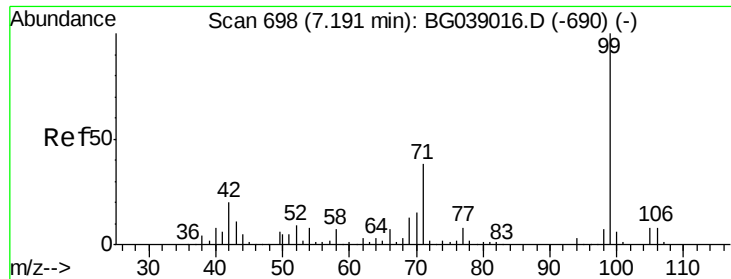
2-Fluorophenol
Concen: 71.814 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039127.D
Acq: 14 Jan 2019 19:09

Tgt Ion:112 Resp: 100188
Ion Ratio Lower Upper
112 100
64 60.7 47.0 70.6
63 33.3 28.0 42.0



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: 39.849 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039127.D

Acq: 14 Jan 2019 19:09

Instrument :

BNA_G

ClientSampleId :

CPGP-6

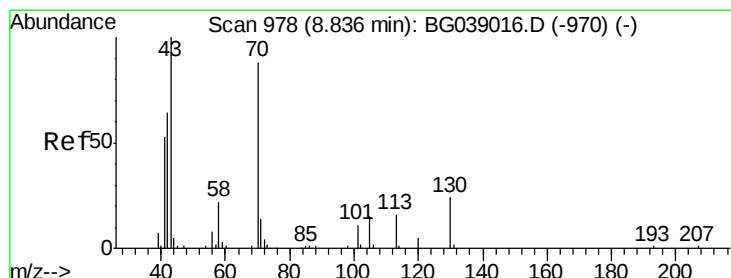
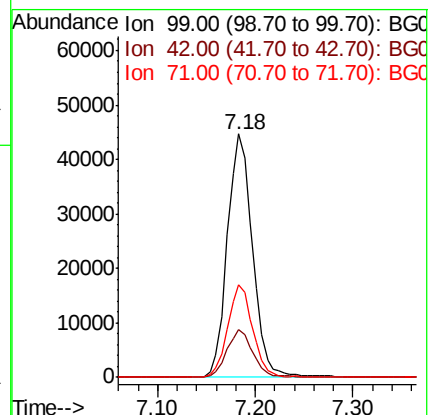
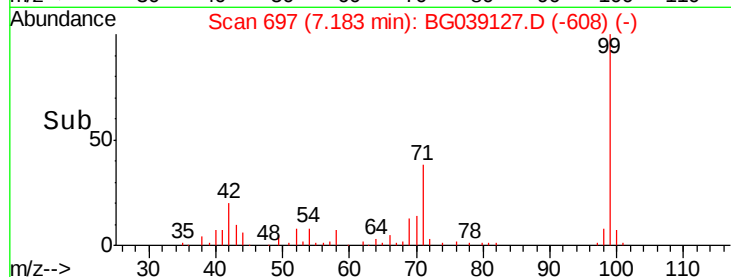
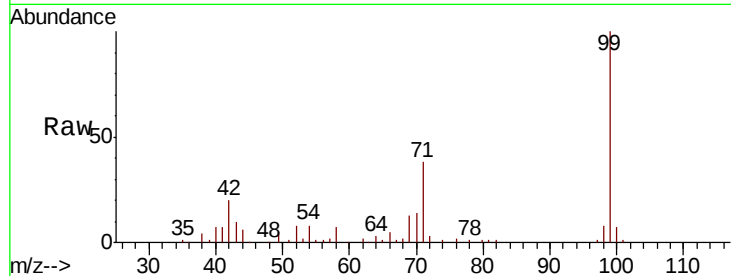
Tgt Ion: 99 Resp: 80006

Ion Ratio Lower Upper

99 100

42 19.7 15.8 23.6

71 38.0 30.2 45.4



#19

n-Nitroso-di-n-propylamine

Concen: 17.478 ng

RT: 9.20 min Scan# 1041

Delta R.T. 0.37 min

Lab File: BG039127.D

Acq: 14 Jan 2019 19:09

Tgt Ion: 70 Resp: 23044

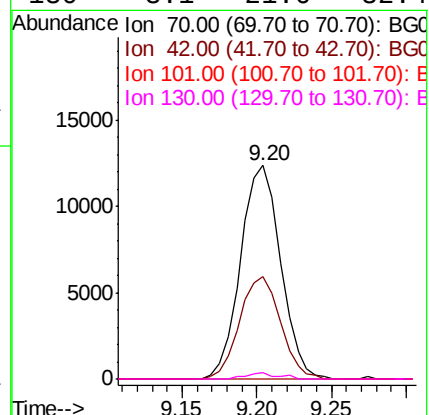
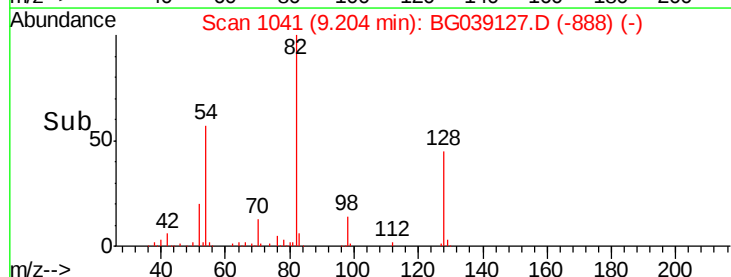
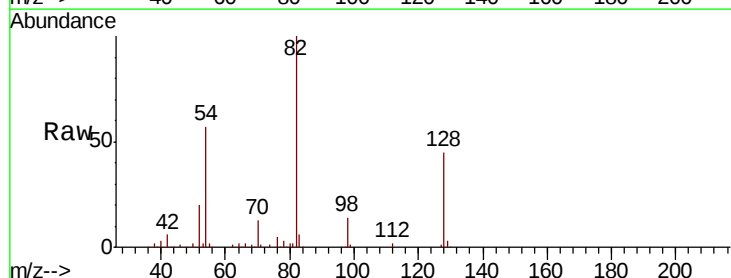
Ion Ratio Lower Upper

70 100

42 48.1 59.0 88.4#

101 0.0 10.4 15.6#

130 3.1 21.6 32.4#

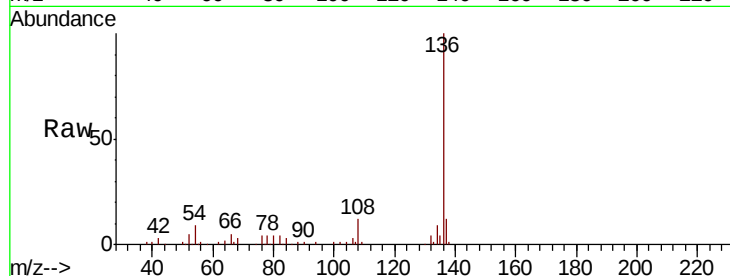




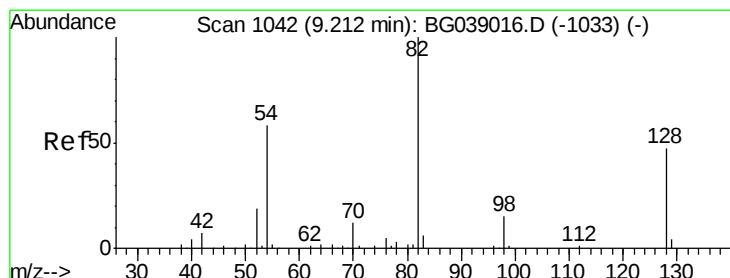
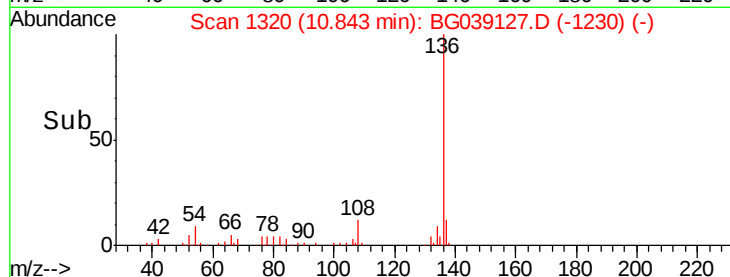
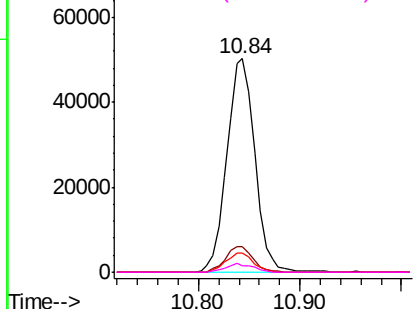
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039127.D
Acq: 14 Jan 2019 19:09

Instrument :
BNA_G
ClientSampleId :
CPGP-6

Tgt Ion:	136	Resp:	96069
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.4	14.2
54	8.7	7.2	10.8
68	3.2	3.5	5.3#

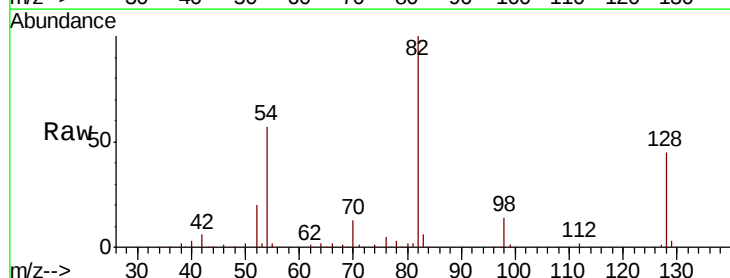


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

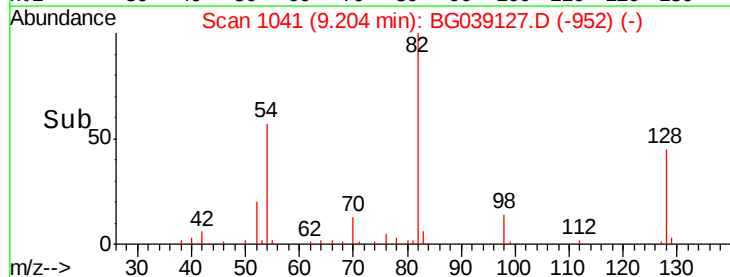
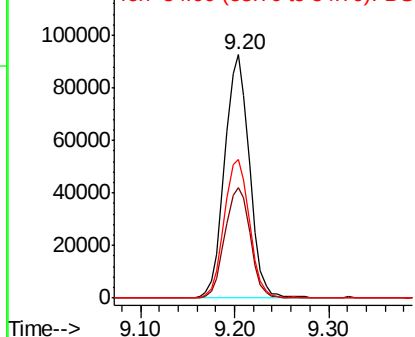


#23
Nitrobenzene-d5
Concen: 96.825 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039127.D
Acq: 14 Jan 2019 19:09

Tgt Ion:	82	Resp:	169993
Ion	Ratio	Lower	Upper
82	100		
128	45.4	37.3	55.9
54	56.9	46.4	69.6



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: 14.67 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG039127.D

Acq: 14 Jan 2019 19:09

Instrument :

BNA_G

ClientSampleId :

CPGP-6

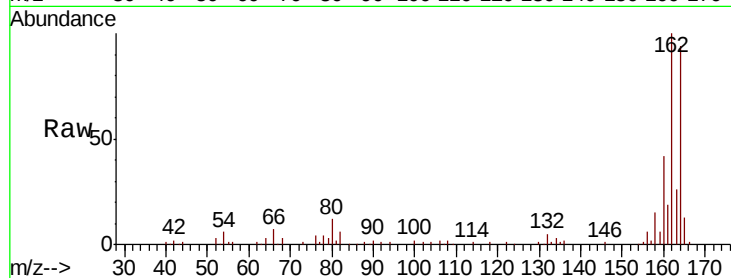
Tgt Ion:164 Resp: 82252

Ion Ratio Lower Upper

164 100

162 105.8 87.2 130.8

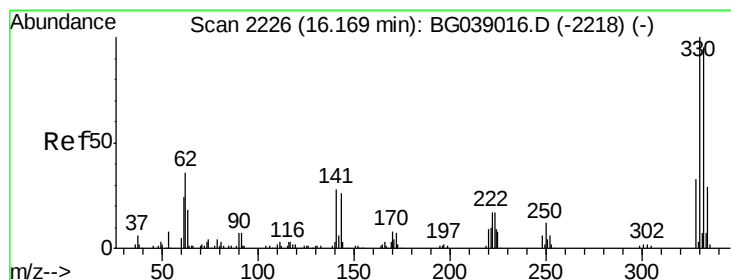
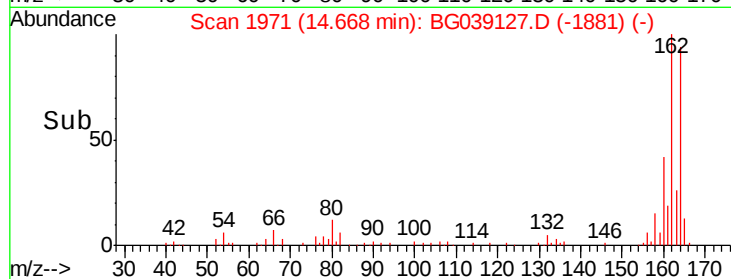
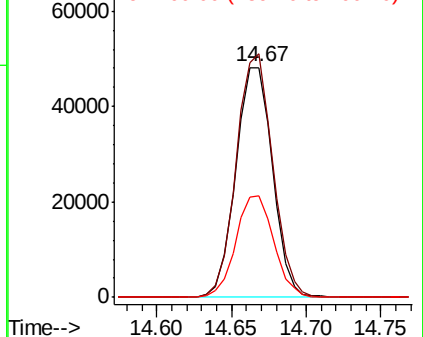
160 44.3 33.3 49.9



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: 127.263 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039127.D

Acq: 14 Jan 2019 19:09

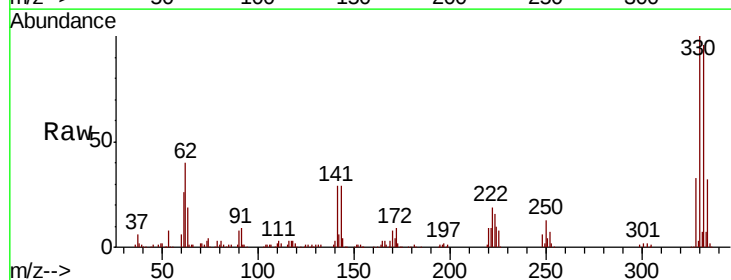
Tgt Ion:330 Resp: 175466

Ion Ratio Lower Upper

330 100

332 96.2 75.7 113.5

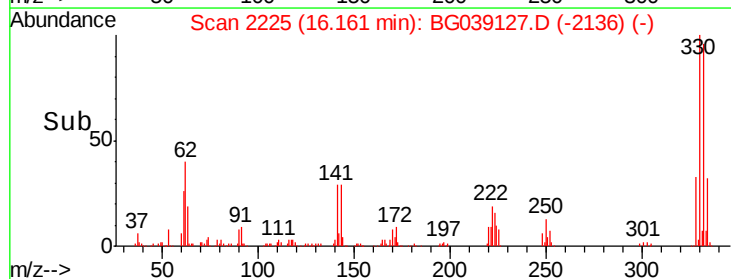
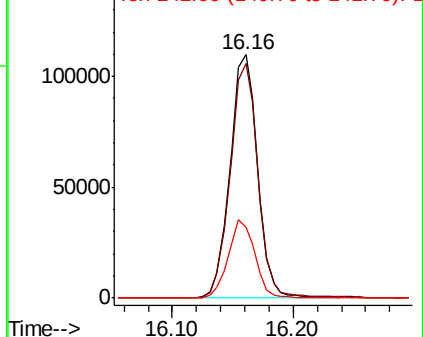
141 30.9 24.9 37.3



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

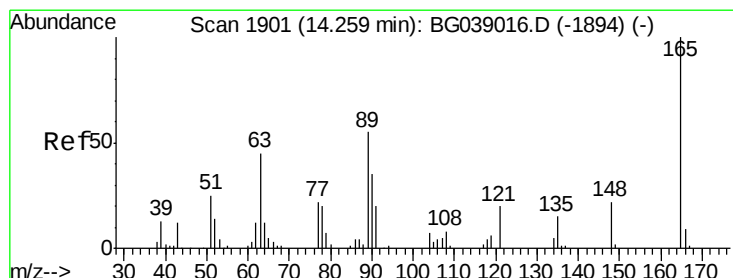
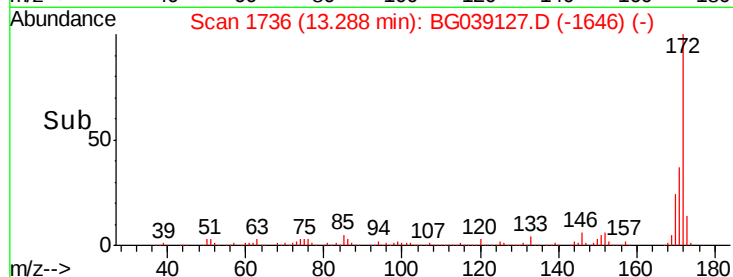
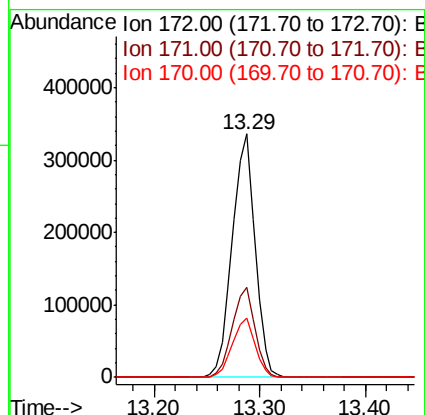
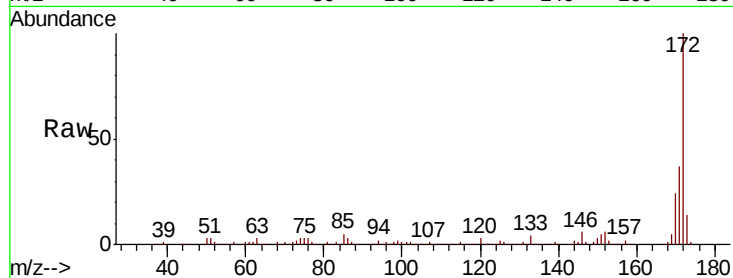




#45
 2-Fluorobiphenyl
 Concen: 83.660 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG039127.D
 Acq: 14 Jan 2019 19:09

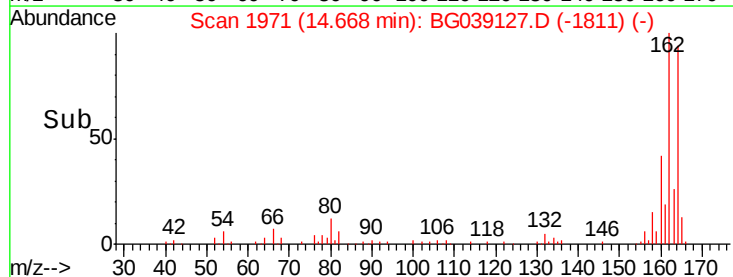
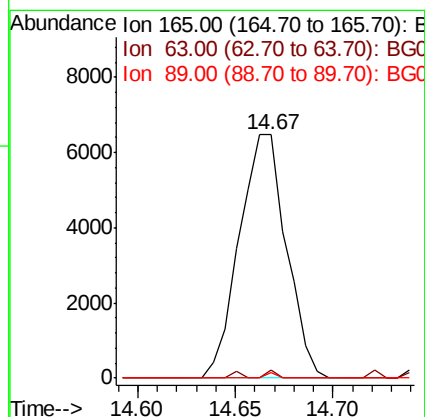
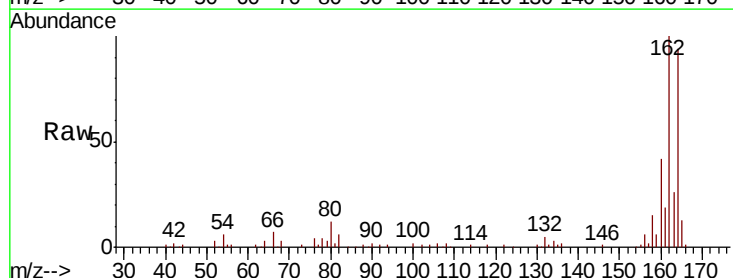
Instrument :
 BNA_G
 ClientSampleId :
 CPGP-6

Tgt Ion:	172	Resp:	502803
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.4	20.1	30.1



#51
 2,6-Dinitrotoluene
 Concen: 6.947 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. 0.41 min
 Lab File: BG039127.D
 Acq: 14 Jan 2019 19:09

Tgt Ion:	165	Resp:	10796
Ion	Ratio	Lower	Upper
165	100		
63	3.4	43.6	65.4#
89	2.5	43.7	65.5#

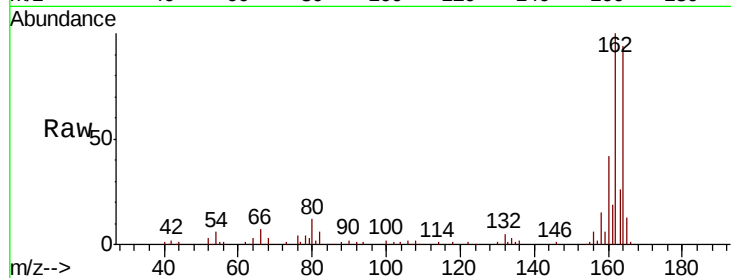




#57
 2,4-Dinitrotoluene
 Concen: 4.842 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.38 min
 Lab File: BG039127.D
 Acq: 14 Jan 2019 19:09

Instrument :
 BNA_G
 ClientSampleId :
 CPGP-6

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.4	30.2	45.4#
89	2.5	53.2	79.8#
182	0.0	2.7	4.1#

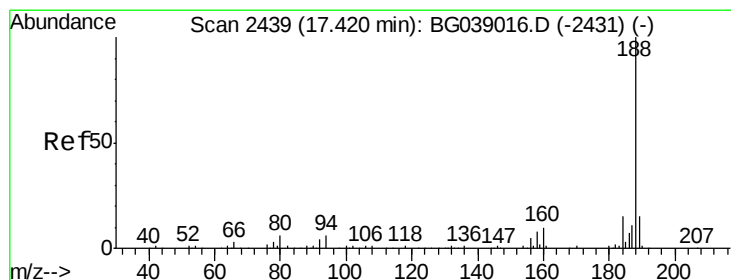
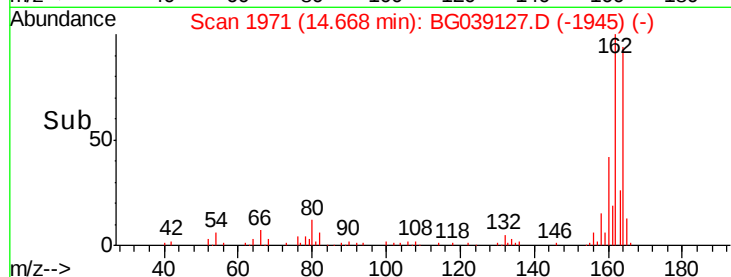
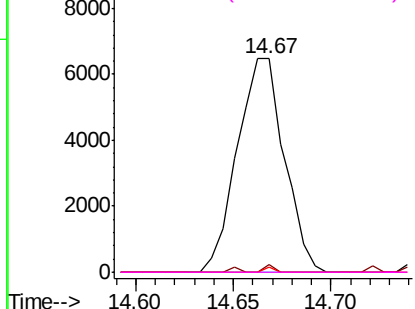


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

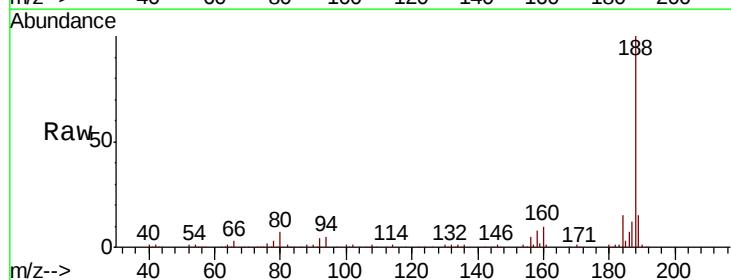
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.01 min
 Lab File: BG039127.D
 Acq: 14 Jan 2019 19:09

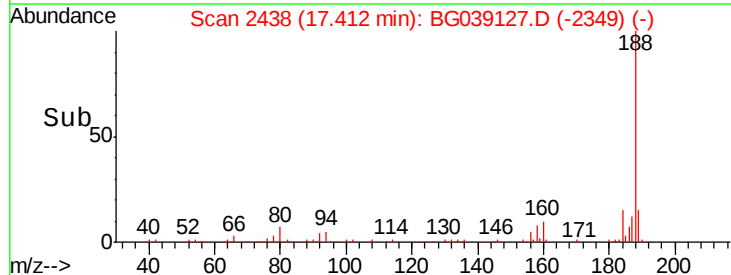
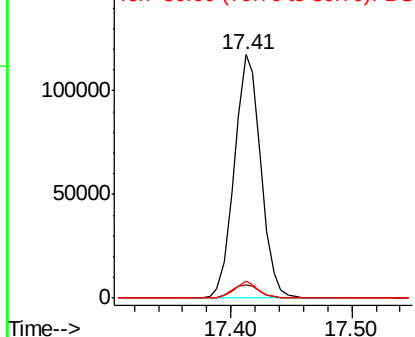
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.5	5.0	7.4
80	6.8	4.7	7.1

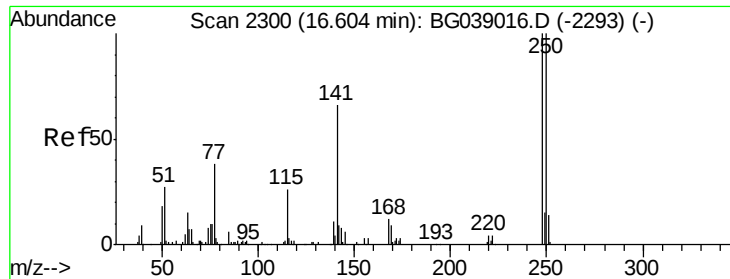


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

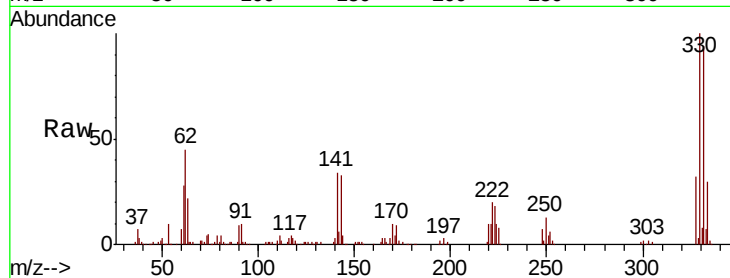




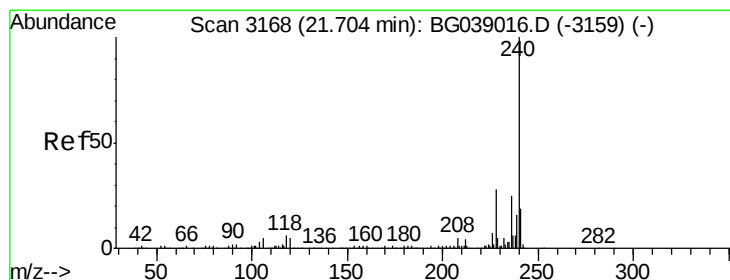
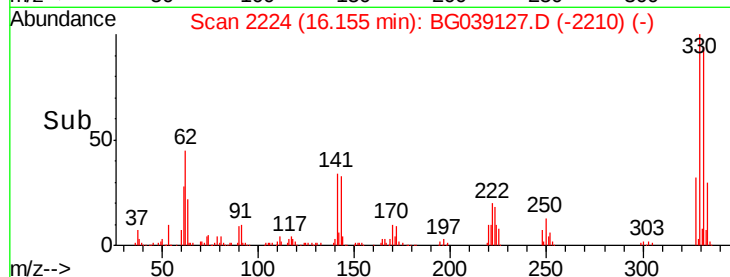
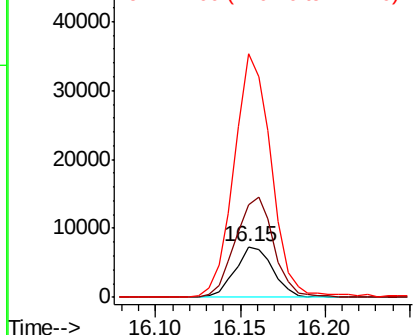
#67
 4-Bromophenyl-phenylether
 Concen: 4.920 ng
 RT: 16.15 min Scan# 2224
 Delta R.T. -0.45 min
 Lab File: BG039127.D
 Acq: 14 Jan 2019 19:09

Instrument :
 BNA_G
 ClientSampleId :
 CPGP-6

Tgt Ion:248 Resp: 11369
 Ion Ratio Lower Upper
 248 100
 250 182.9 79.9 119.9#
 141 370.4 52.7 79.1#

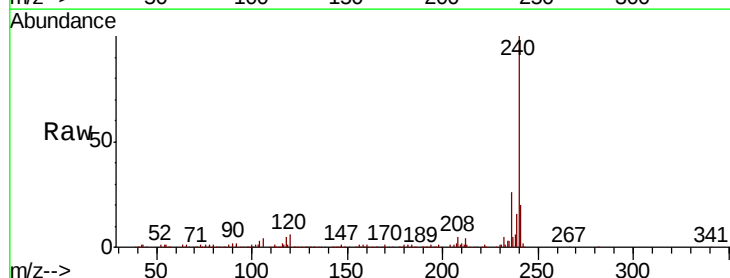


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

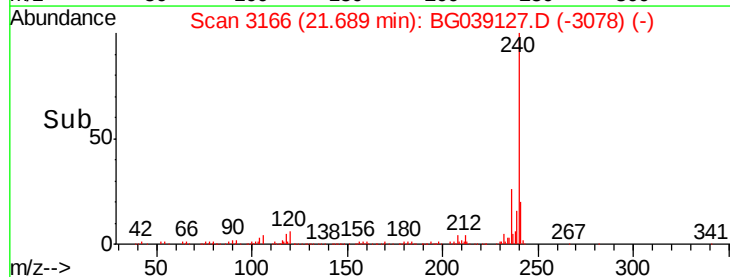
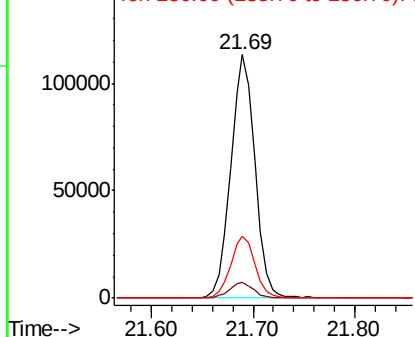


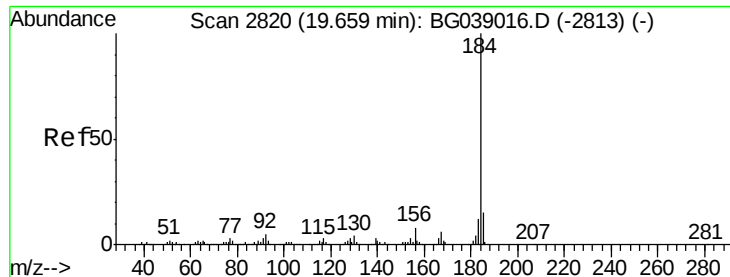
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG039127.D
 Acq: 14 Jan 2019 19:09

Tgt Ion:240 Resp: 186862
 Ion Ratio Lower Upper
 240 100
 120 6.2 4.3 6.5
 236 25.7 20.1 30.1



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





#77

Benzidine

Concen: 2.527 ng

RT: 20.01 min Scan# 2881

Delta R.T. 0.36 min

Lab File: BG039127.D

Acq: 14 Jan 2019 19:09

Instrument :

BNA_G

ClientSampleId :

CPGP-6

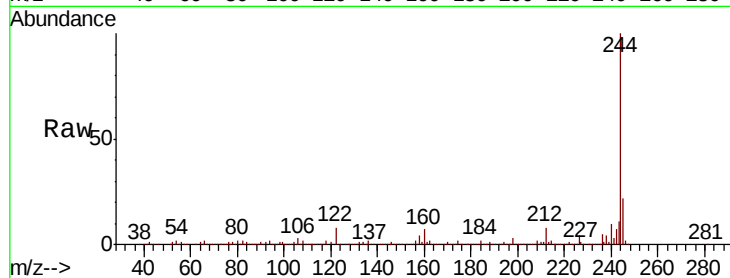
Tgt Ion:184 Resp: 14441

Ion Ratio Lower Upper

184 100

185 15.2 12.1 18.1

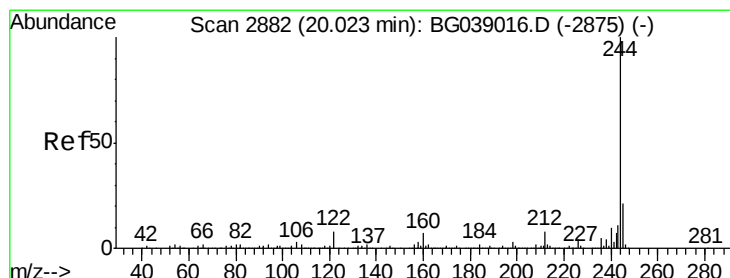
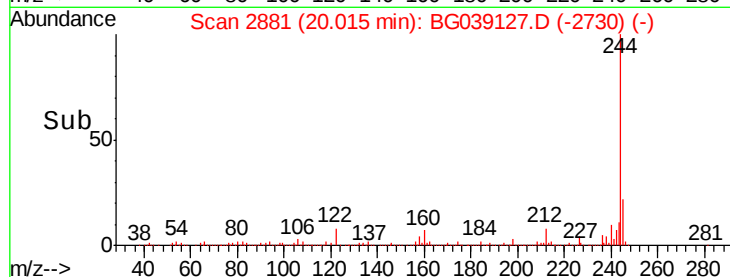
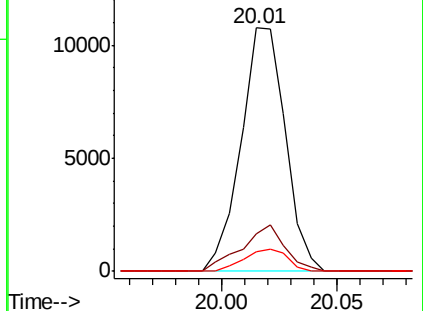
183 7.9 9.5 14.3#



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



#79

Terphenyl-d14

Concen: 89.080 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039127.D

Acq: 14 Jan 2019 19:09

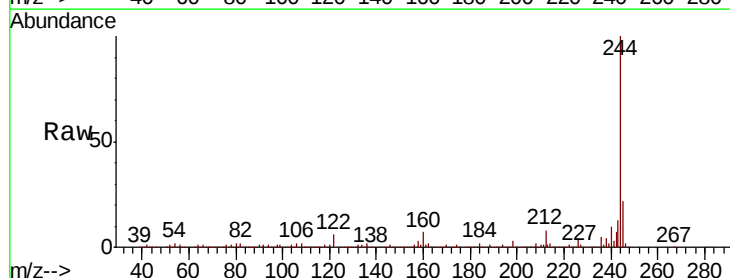
Tgt Ion:244 Resp: 899822

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

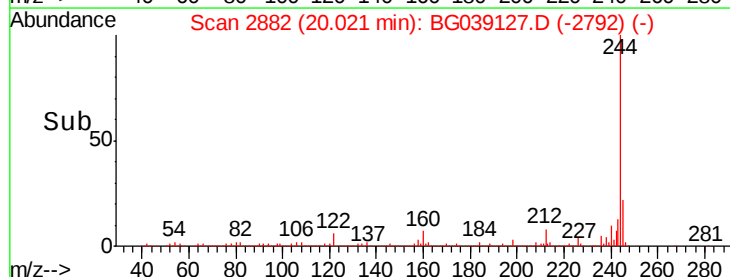
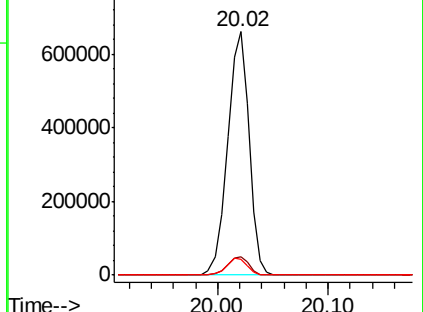
122 6.4 6.1 9.1

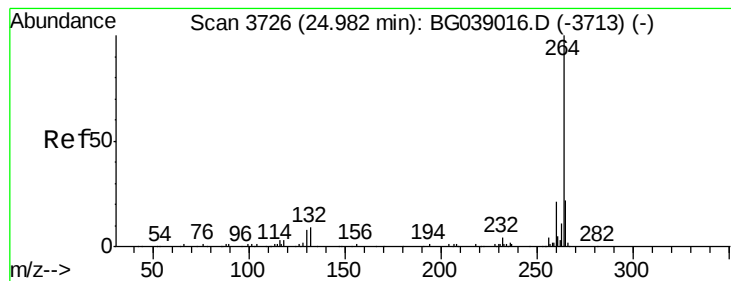


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.96 min Scan# 3723

Delta R.T. -0.02 min

Lab File: BG039127.D

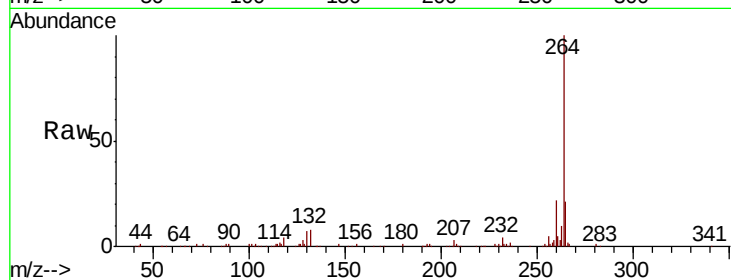
Acq: 14 Jan 2019 19:09

Instrument :

BNA_G

ClientSampleId :

CPGP-6



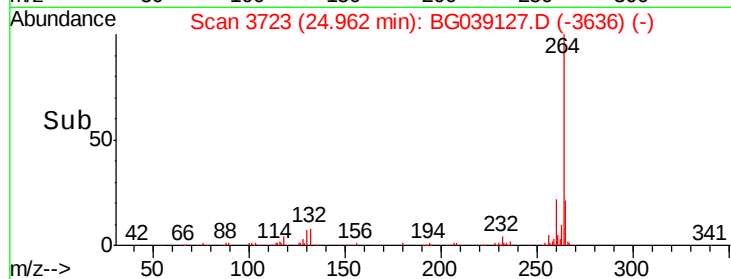
Tgt Ion: 264 Resp: 202965

Ion Ratio Lower Upper

264 100

260 21.8 17.0 25.6

265 21.1 17.2 25.8



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

