

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011619\
 Data File : BG039163.D
 Acq On : 16 Jan 2019 18:57
 Operator : JU/SJ
 Sample : K1139-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-7

Quant Time: Jan 17 04:03:34 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

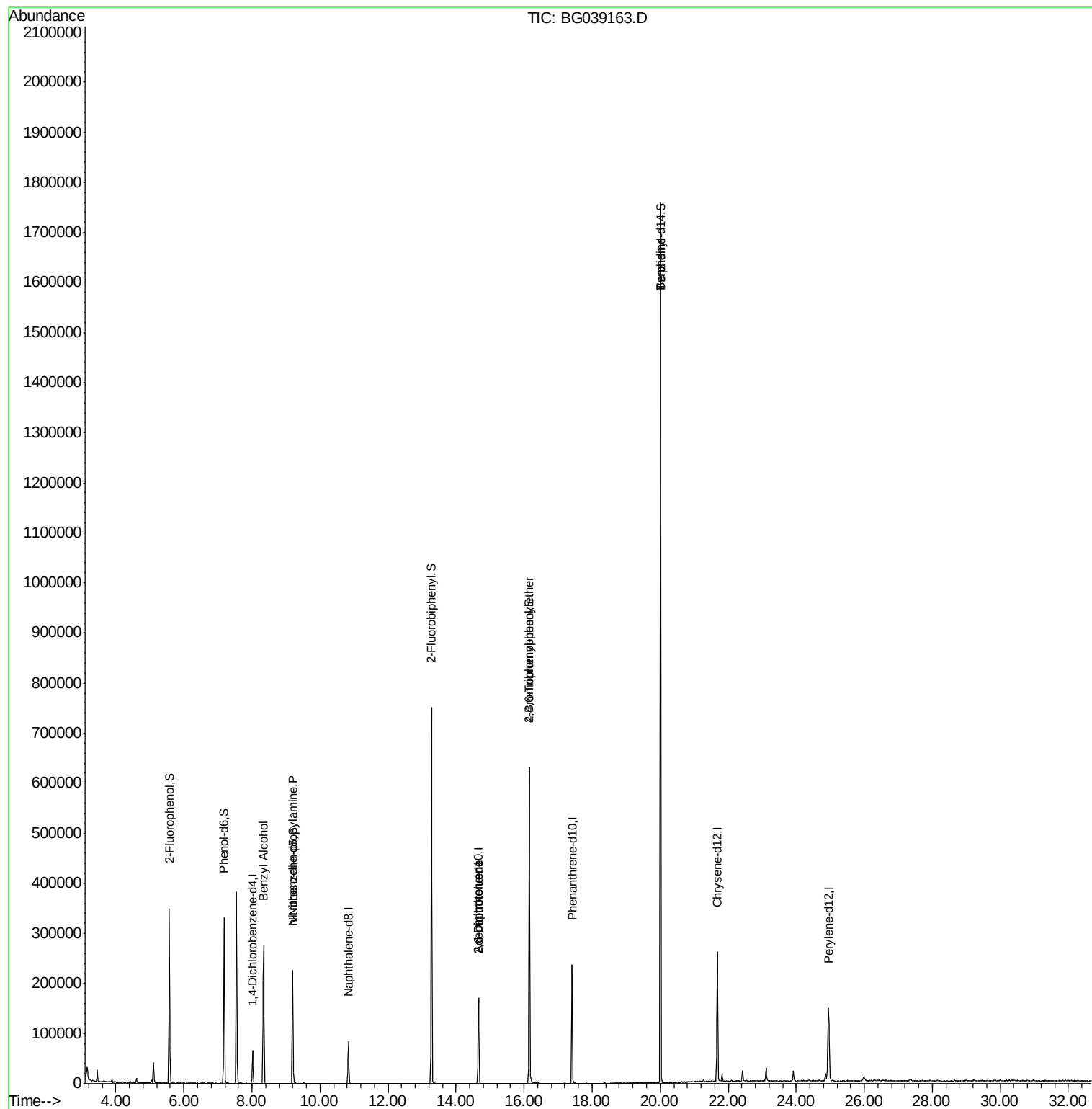
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	19703	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	79637	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	63156	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	165796	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	176459	20.00	ng	-0.03
87) Perylene-d12	24.95	264	186395	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	155866	150.07	ng	0.00
7) Phenol-d6	7.18	99	195909	131.06	ng	-0.01
23) Nitrobenzene-d5	9.20	82	135223	92.91	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	147969	139.77	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	404965	87.75	ng	-0.01
79) Terphenyl-d14	20.01	244	914820	95.90	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	8.33	79	2274	2.020	ng	# 50
19) n-Nitroso-di-n-propylamine	9.20	70	18308	18.652	ng	# 68
51) 2,6-Dinitrotoluene	14.66	165	7889	6.612	ng	# 24
57) 2,4-Dinitrotoluene	14.66	165	7889	4.608	ng	# 26
67) 4-Bromophenyl-phenylether	16.15	248	9185	4.310	ng	# 1
77) Benzidine	20.01	184	14348	2.658	ng	95

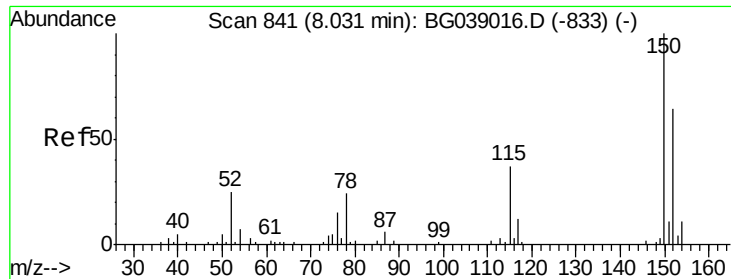
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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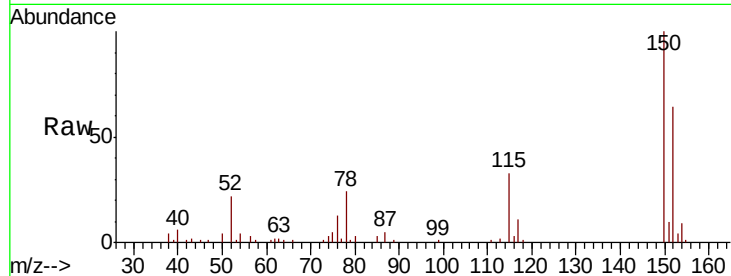


#1

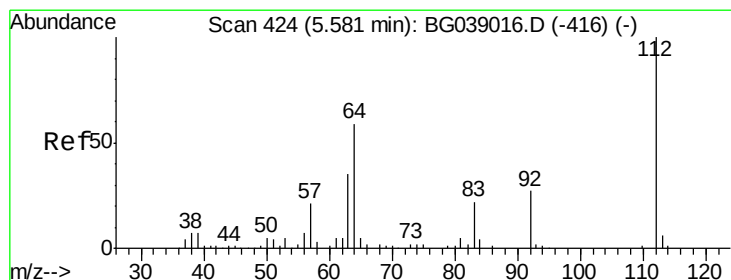
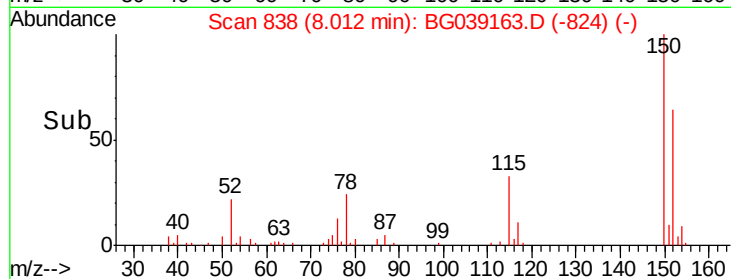
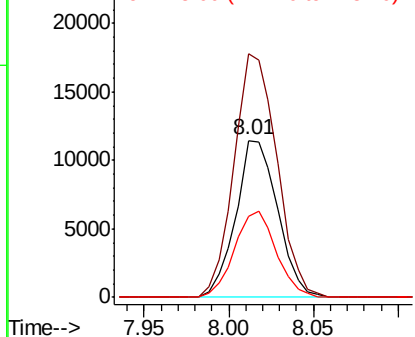
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.02 min
Lab File: BG039163.D
Acq: 16 Jan 2019 18:57

Instrument :
BNA_G
ClientSampleId :
S-7

Tgt Ion:152 Resp: 19703
Ion Ratio Lower Upper
152 100
150 155.1 124.7 187.1
115 51.7 46.5 69.7



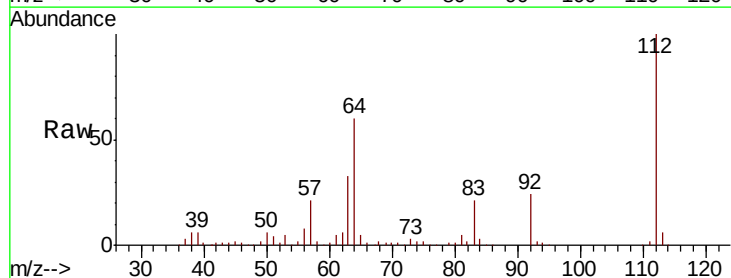
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



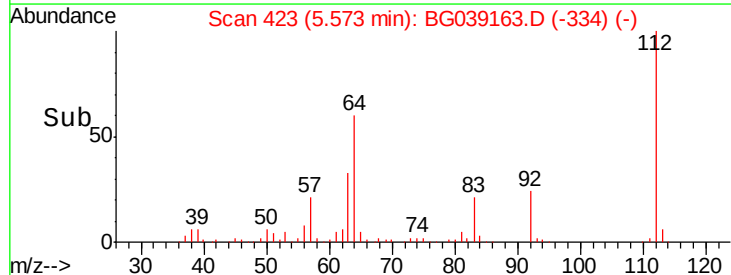
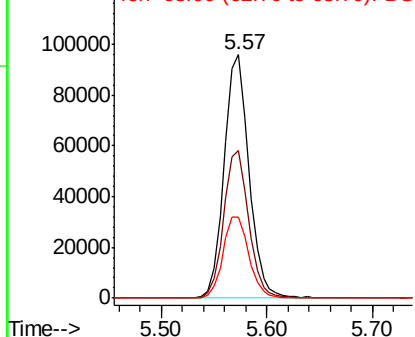
#5

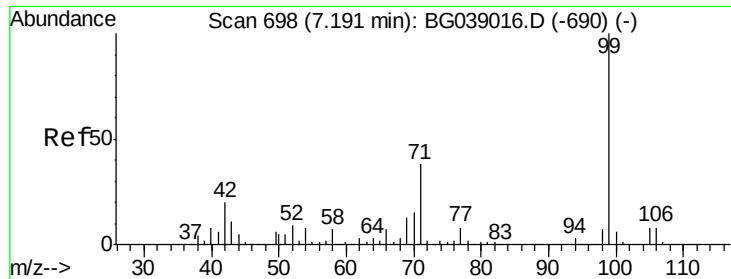
2-Fluorophenol
Concen: 150.066 ng
RT: 5.57 min Scan# 423
Delta R.T. -0.01 min
Lab File: BG039163.D
Acq: 16 Jan 2019 18:57

Tgt Ion:112 Resp: 155866
Ion Ratio Lower Upper
112 100
64 60.4 47.0 70.6
63 33.2 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: 131.064 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG039163.D

Acq: 16 Jan 2019 18:57

Instrument :

BNA_G

ClientSampled :

S-7

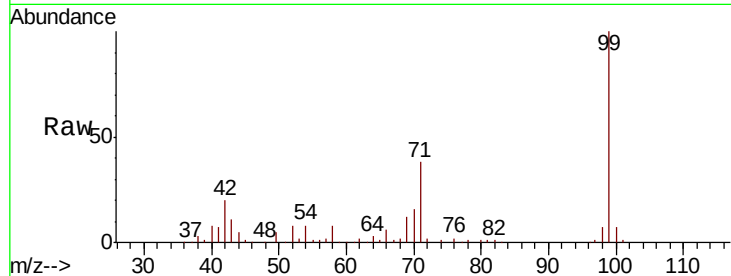
Tgt Ion: 99 Resp: 195909

Ion Ratio Lower Upper

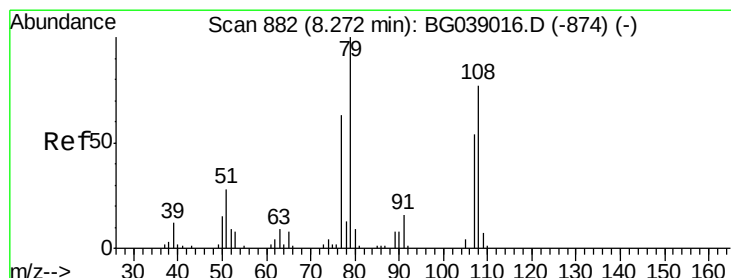
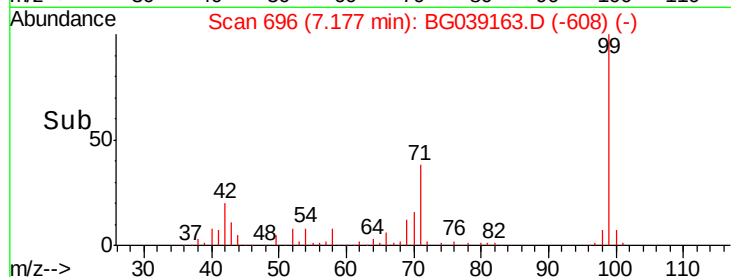
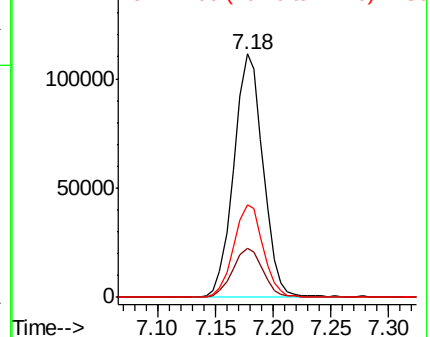
99 100

42 20.1 15.8 23.6

71 38.1 30.2 45.4



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



#15

Benzyl Alcohol

Concen: 2.020 ng

RT: 8.33 min Scan# 893

Delta R.T. 0.06 min

Lab File: BG039163.D

Acq: 16 Jan 2019 18:57

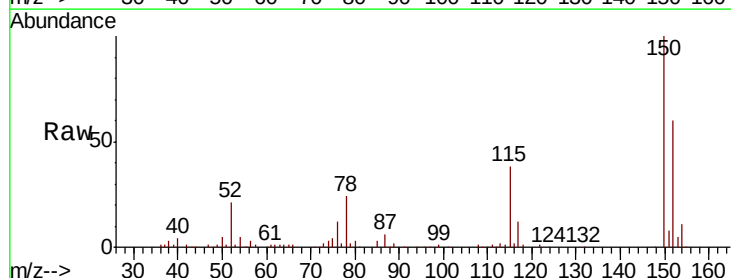
Tgt Ion: 79 Resp: 2274

Ion Ratio Lower Upper

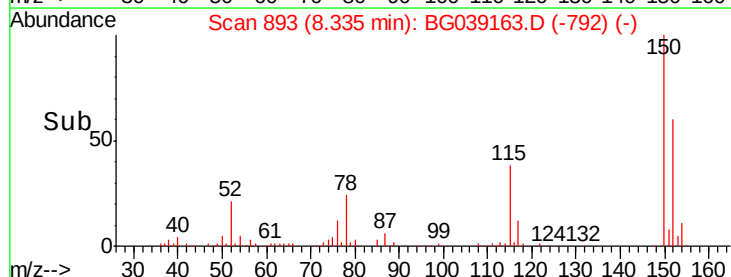
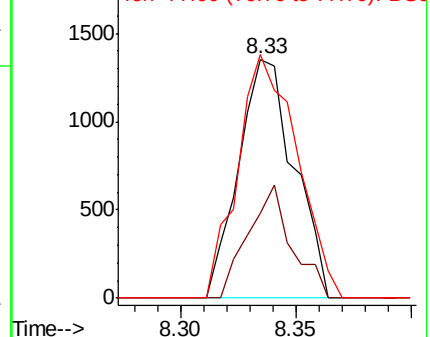
79 100

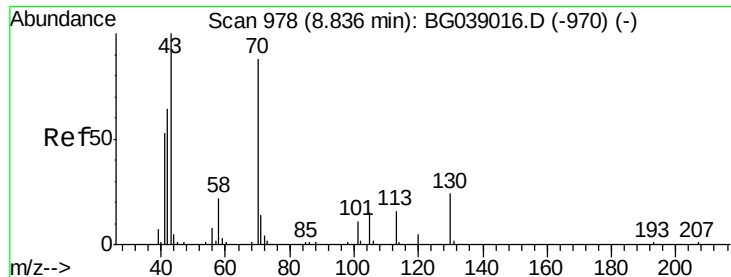
108 35.7 62.0 93.0#

77 102.1 50.1 75.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

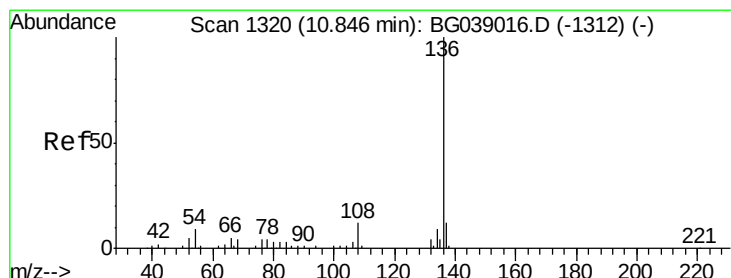
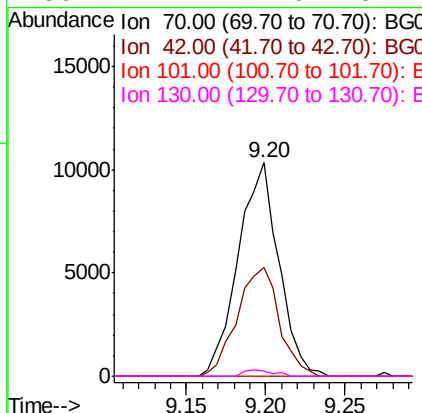
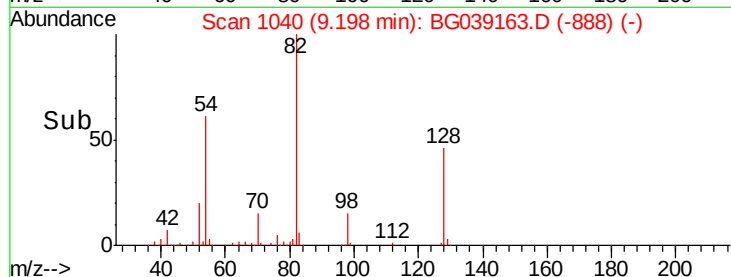
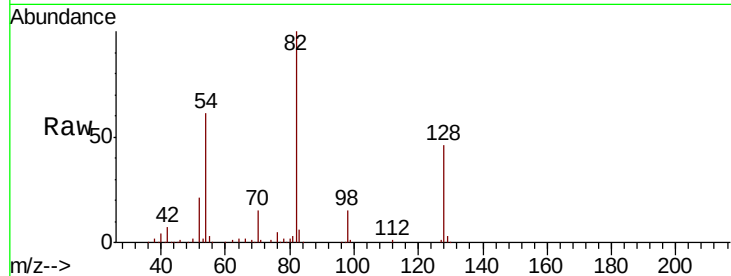




#19
n-Nitroso-di-n-propylamine
Concen: 18.652 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.36 min
Lab File: BG039163.D
Acq: 16 Jan 2019 18:57

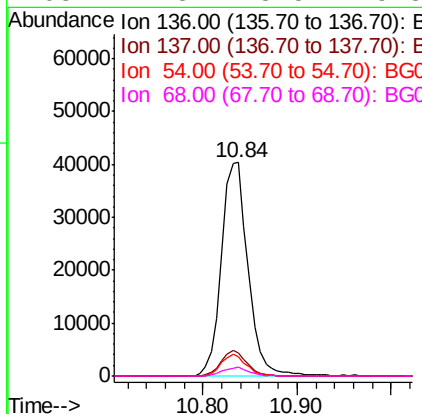
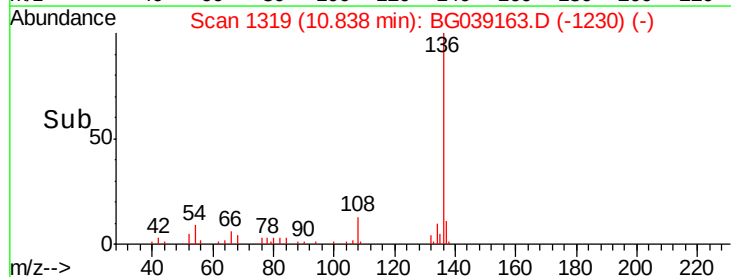
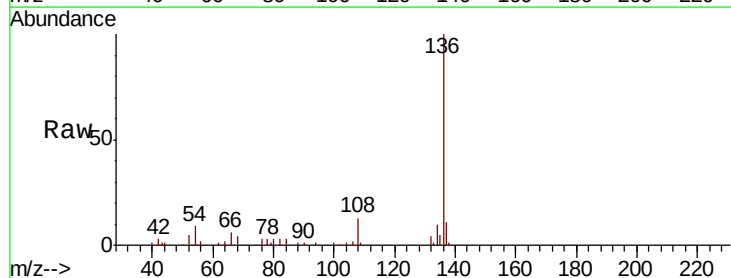
Instrument :
BNA_G
ClientSampleId :
S-7

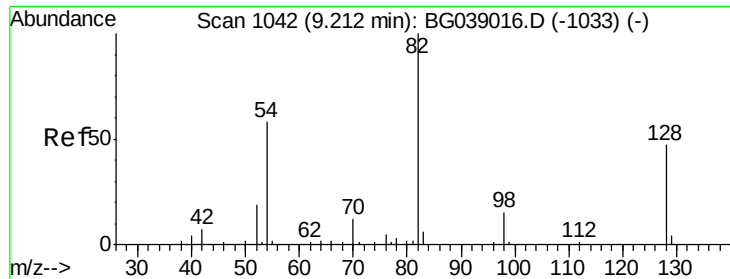
Tgt Ion: 70 Resp: 18308
Ion Ratio Lower Upper
70 100
42 51.1 59.0 88.4#
101 0.0 10.4 15.6#
130 2.2 21.6 32.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG039163.D
Acq: 16 Jan 2019 18:57

Tgt Ion: 136 Resp: 79637
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.2
54 9.6 7.2 10.8
68 4.3 3.5 5.3

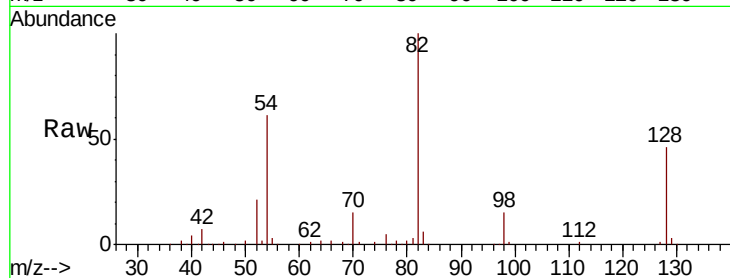




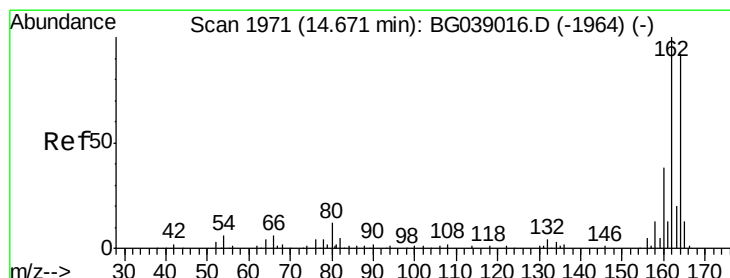
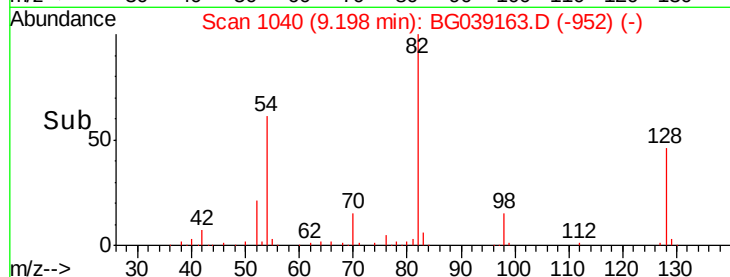
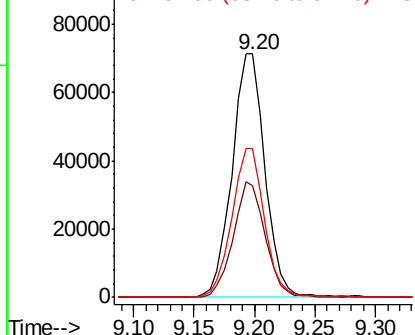
#23
 Nitrobenzene-d5
 Concen: 92.913 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG039163.D
 Acq: 16 Jan 2019 18:57

Instrument :
 BNA_G
 ClientSampled :
 S-7

Tgt Ion: 82 Resp: 135223
 Ion Ratio Lower Upper
 82 100
 128 46.0 37.3 55.9
 54 61.3 46.4 69.6

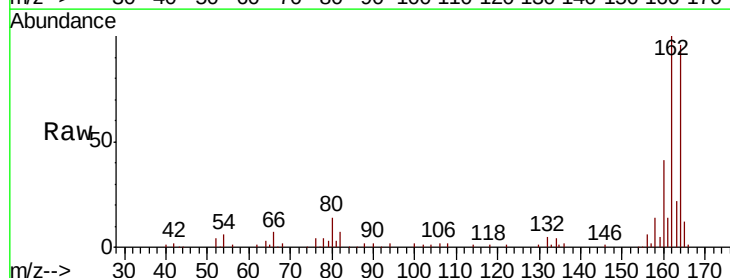


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

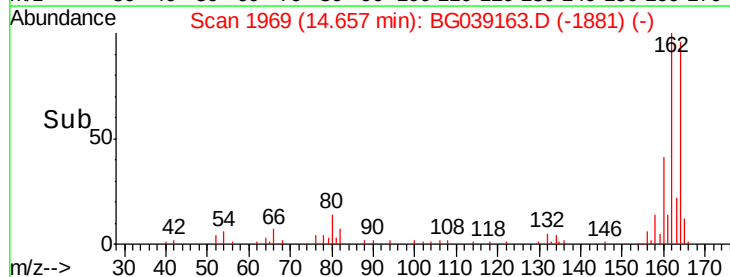
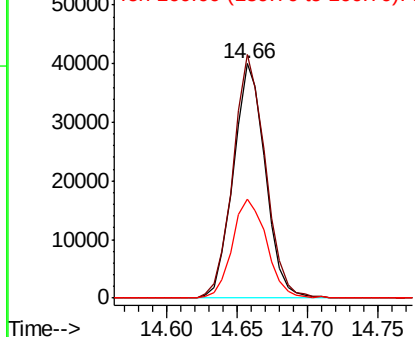


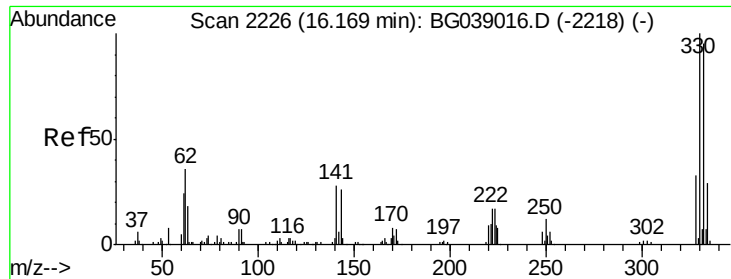
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG039163.D
 Acq: 16 Jan 2019 18:57

Tgt Ion: 164 Resp: 63156
 Ion Ratio Lower Upper
 164 100
 162 103.8 87.2 130.8
 160 42.0 33.3 49.9



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





#42

2,4,6-Tribromophenol

Concen: 139.769 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG039163.D

Acq: 16 Jan 2019 18:57

Instrument :

BNA_G

ClientSampleId :

S-7

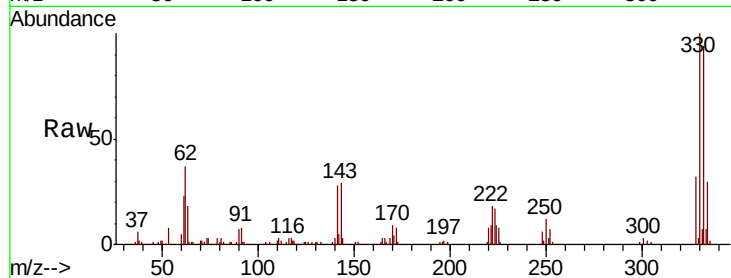
Tgt Ion:330 Resp: 147969

Ion Ratio Lower Upper

330 100

332 97.3 75.7 113.5

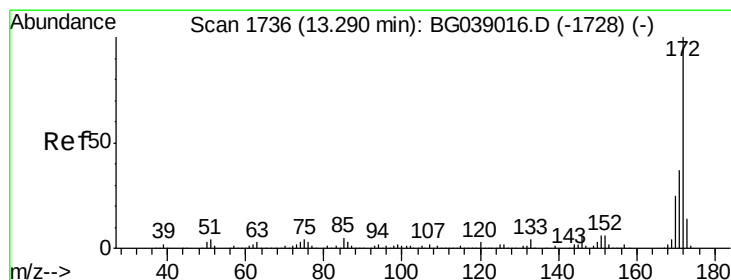
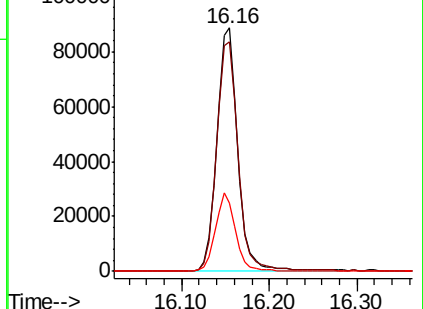
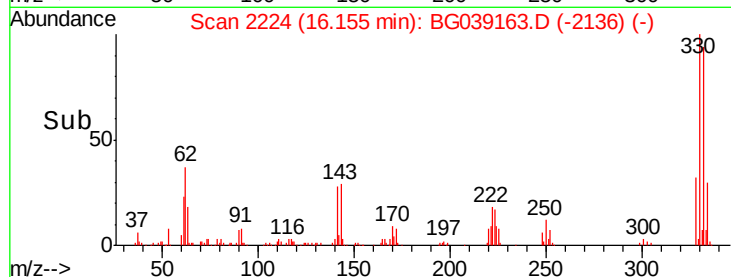
141 30.9 24.9 37.3



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: 87.754 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG039163.D

Acq: 16 Jan 2019 18:57

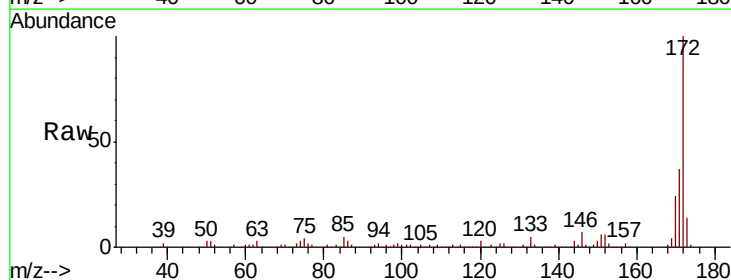
Tgt Ion:172 Resp: 404965

Ion Ratio Lower Upper

172 100

171 36.6 29.4 44.0

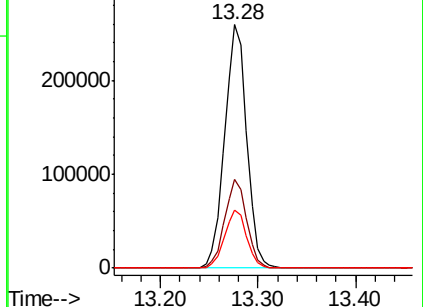
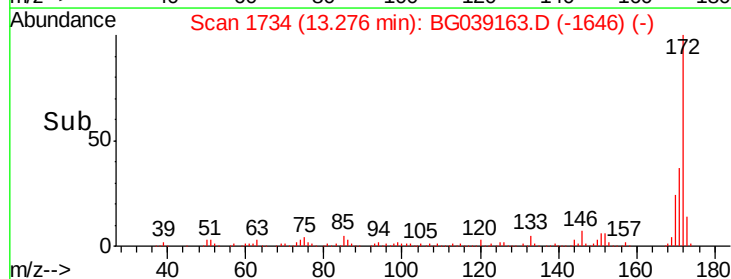
170 24.0 20.1 30.1

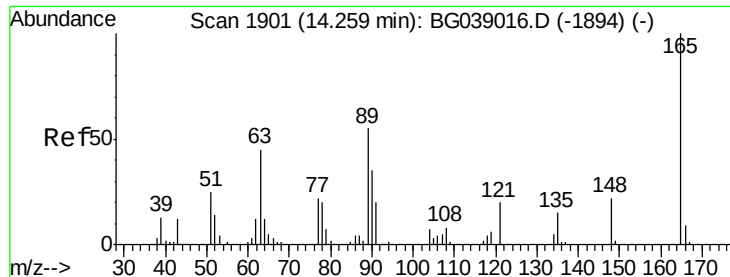


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

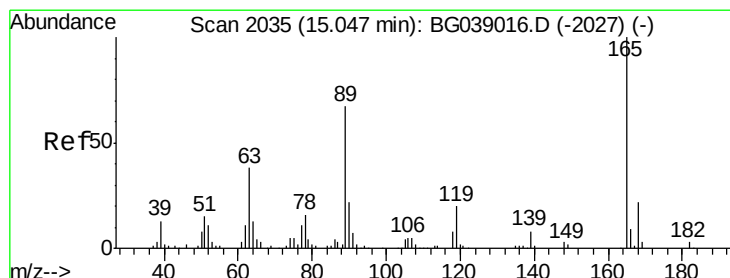
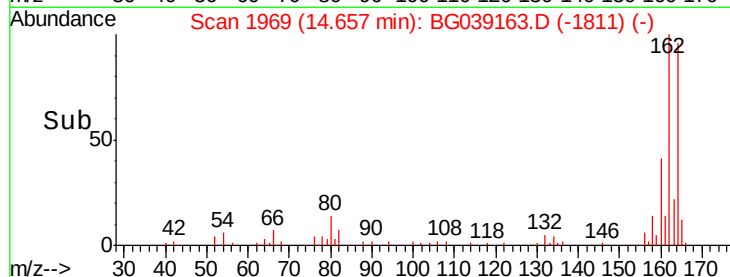
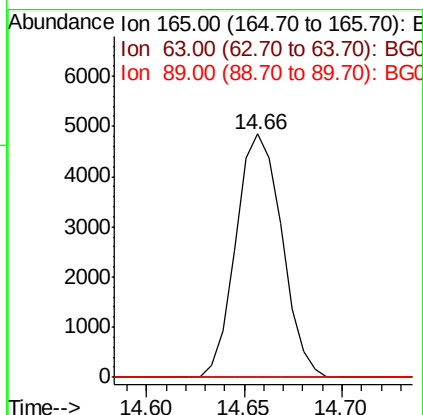
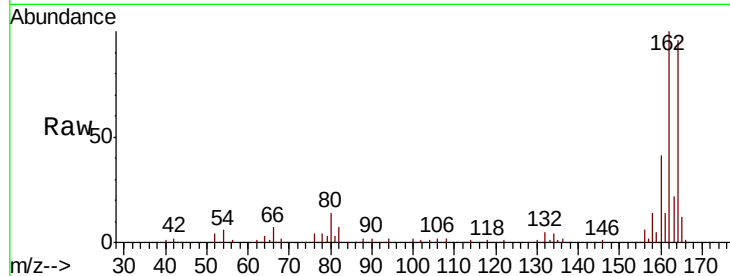




#51
 2,6-Dinitrotoluene
 Concen: 6.612 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. 0.40 min
 Lab File: BG039163.D
 Acq: 16 Jan 2019 18:57

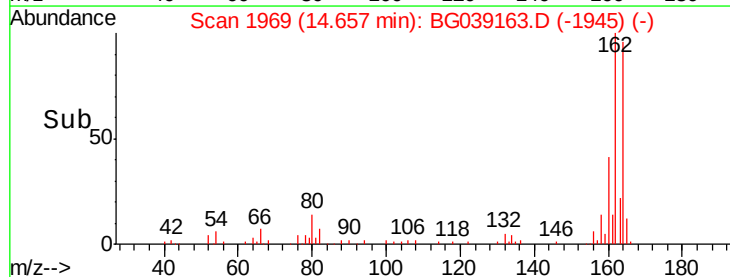
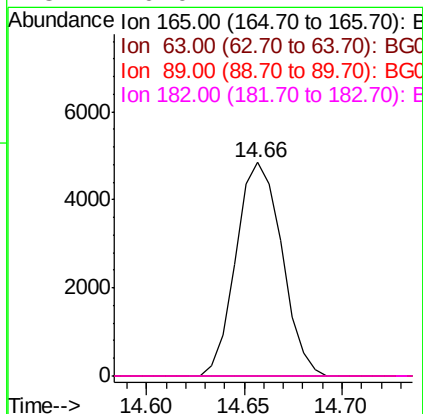
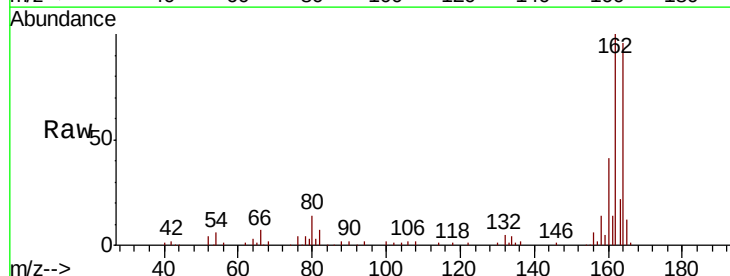
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 S-7

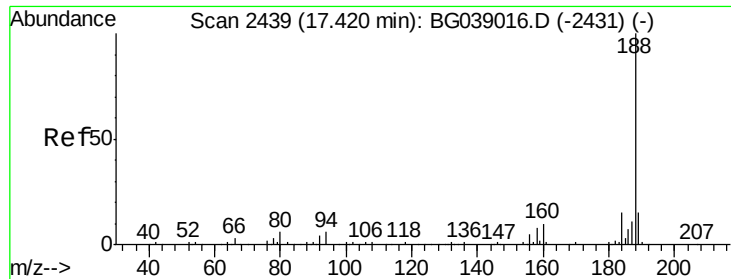
Tgt Ion:165 Resp: 7889
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.6 65.4#
 89 0.0 43.7 65.5#



#57
 2,4-Dinitrotoluene
 Concen: 4.608 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.39 min
 Lab File: BG039163.D
 Acq: 16 Jan 2019 18:57

Tgt Ion:165 Resp: 7889
 Ion Ratio Lower Upper
 165 100
 63 0.0 30.2 45.4#
 89 0.0 53.2 79.8#
 182 0.0 2.7 4.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG039163.D

Acq: 16 Jan 2019 18:57

Instrument :

BNA_G

ClientSampled :

S-7

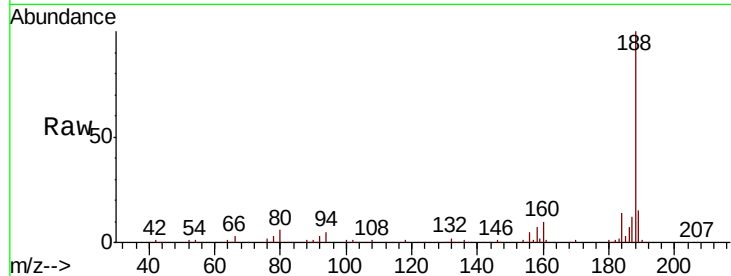
Tgt Ion:188 Resp: 165796

Ion Ratio Lower Upper

188 100

94 5.5 5.0 7.4

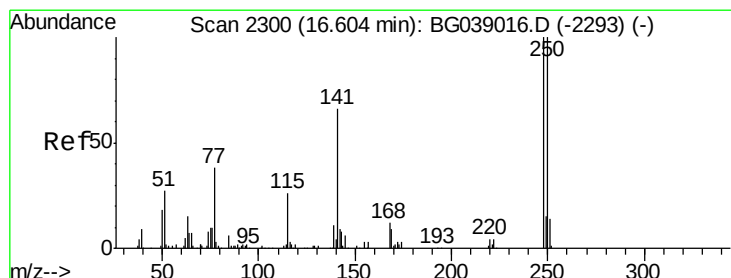
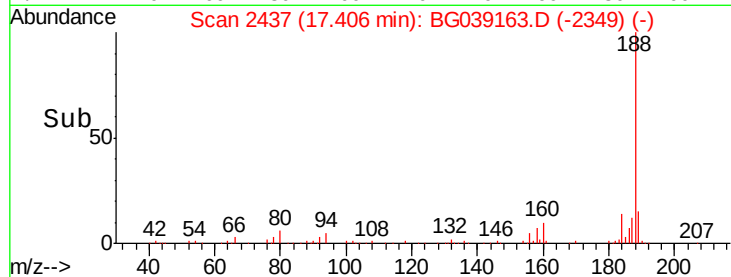
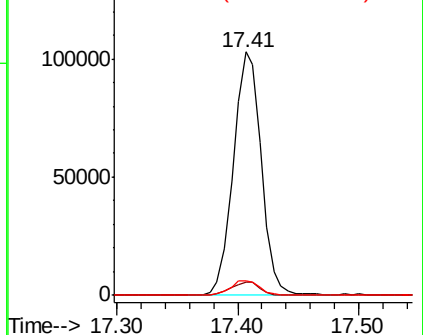
80 6.2 4.7 7.1



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: 4.310 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.45 min

Lab File: BG039163.D

Acq: 16 Jan 2019 18:57

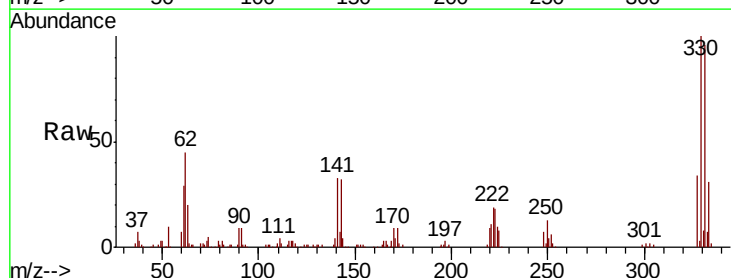
Tgt Ion:248 Resp: 9185

Ion Ratio Lower Upper

248 100

250 247.0 79.9 119.9#

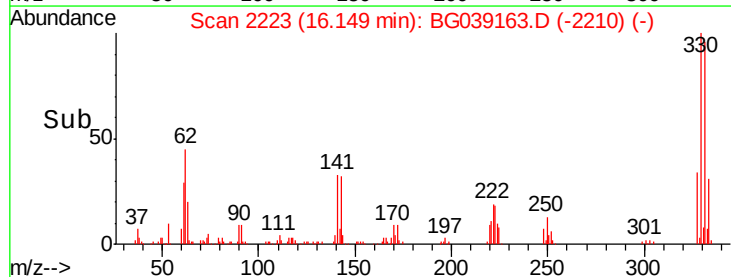
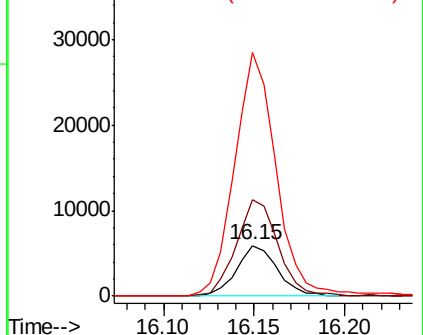
141 482.7 52.7 79.1#

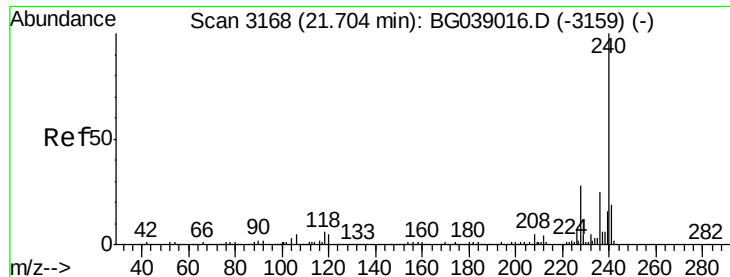


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.68 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG039163.D

Acq: 16 Jan 2019 18:57

Instrument :

BNA_G

ClientSampleId :

S-7

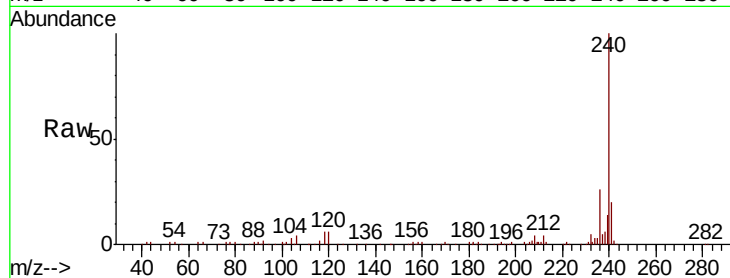
Tgt Ion:240 Resp: 176459

Ion Ratio Lower Upper

240 100

120 5.8 4.3 6.5

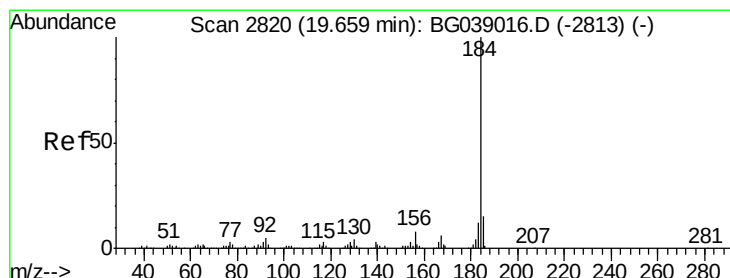
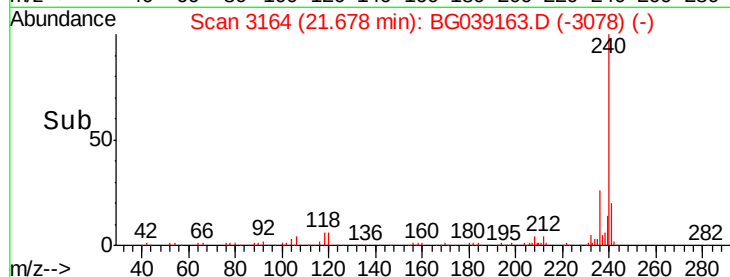
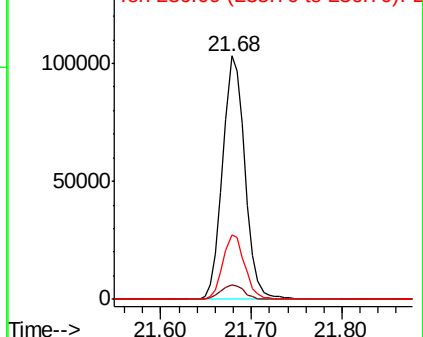
236 26.3 20.1 30.1



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: 2.658 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.35 min

Lab File: BG039163.D

Acq: 16 Jan 2019 18:57

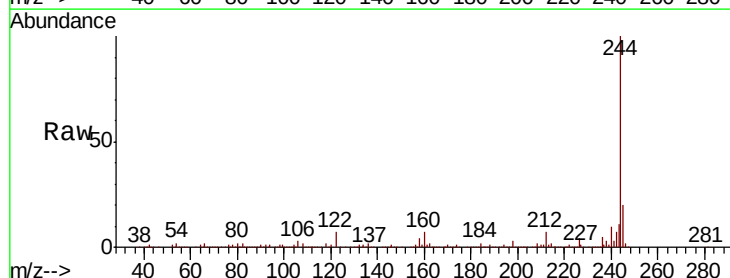
Tgt Ion:184 Resp: 14348

Ion Ratio Lower Upper

184 100

185 13.0 12.1 18.1

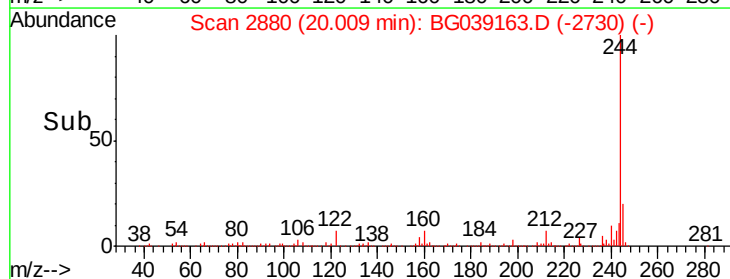
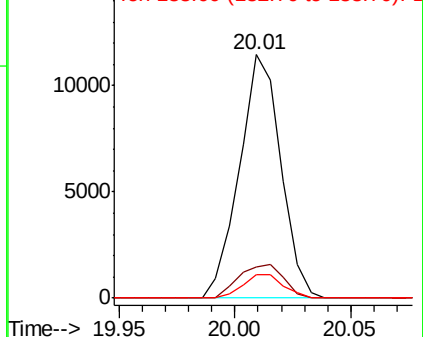
183 9.6 9.5 14.3

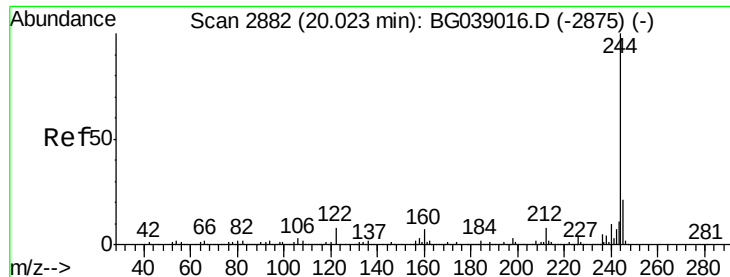


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 95.904 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG039163.D

Acq: 16 Jan 2019 18:57

Instrument :

BNA_G

ClientSampleId :

S-7

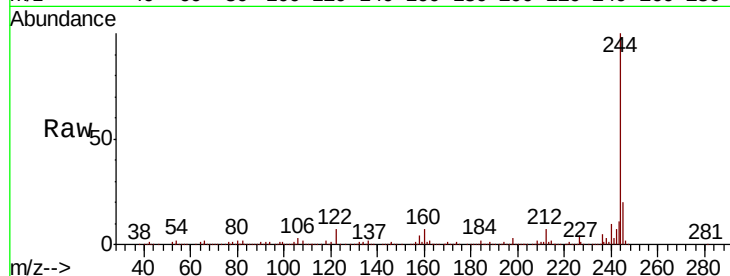
Tgt Ion:244 Resp: 914820

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

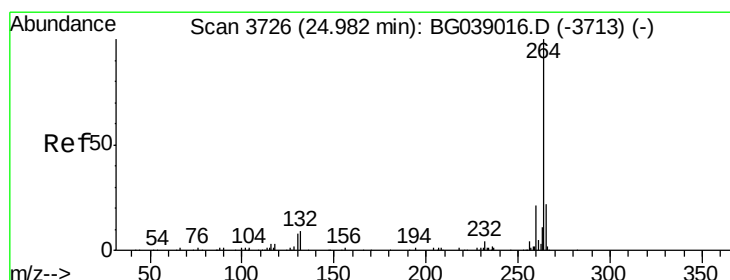
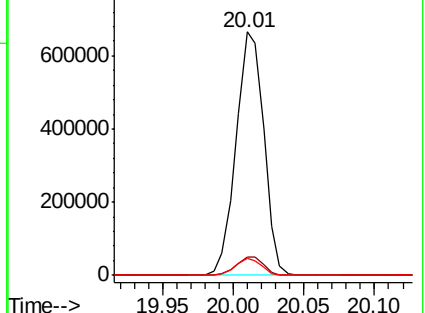
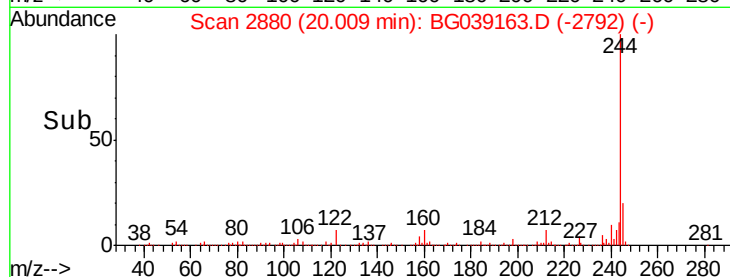
122 7.2 6.1 9.1



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: 24.95 min Scan# 3721

Delta R.T. -0.03 min

Lab File: BG039163.D

Acq: 16 Jan 2019 18:57

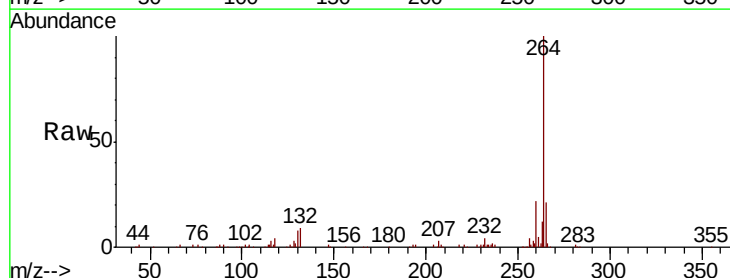
Tgt Ion:264 Resp: 186395

Ion Ratio Lower Upper

264 100

260 22.4 17.0 25.6

265 20.8 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

