

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070519\
 Data File : BG041611.D
 Acq On : 5 Jul 2019 14:46
 Operator : HP/JU
 Sample : K3668-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 05 18:04:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 17:58:09 2019
 Response via : Initial Calibration

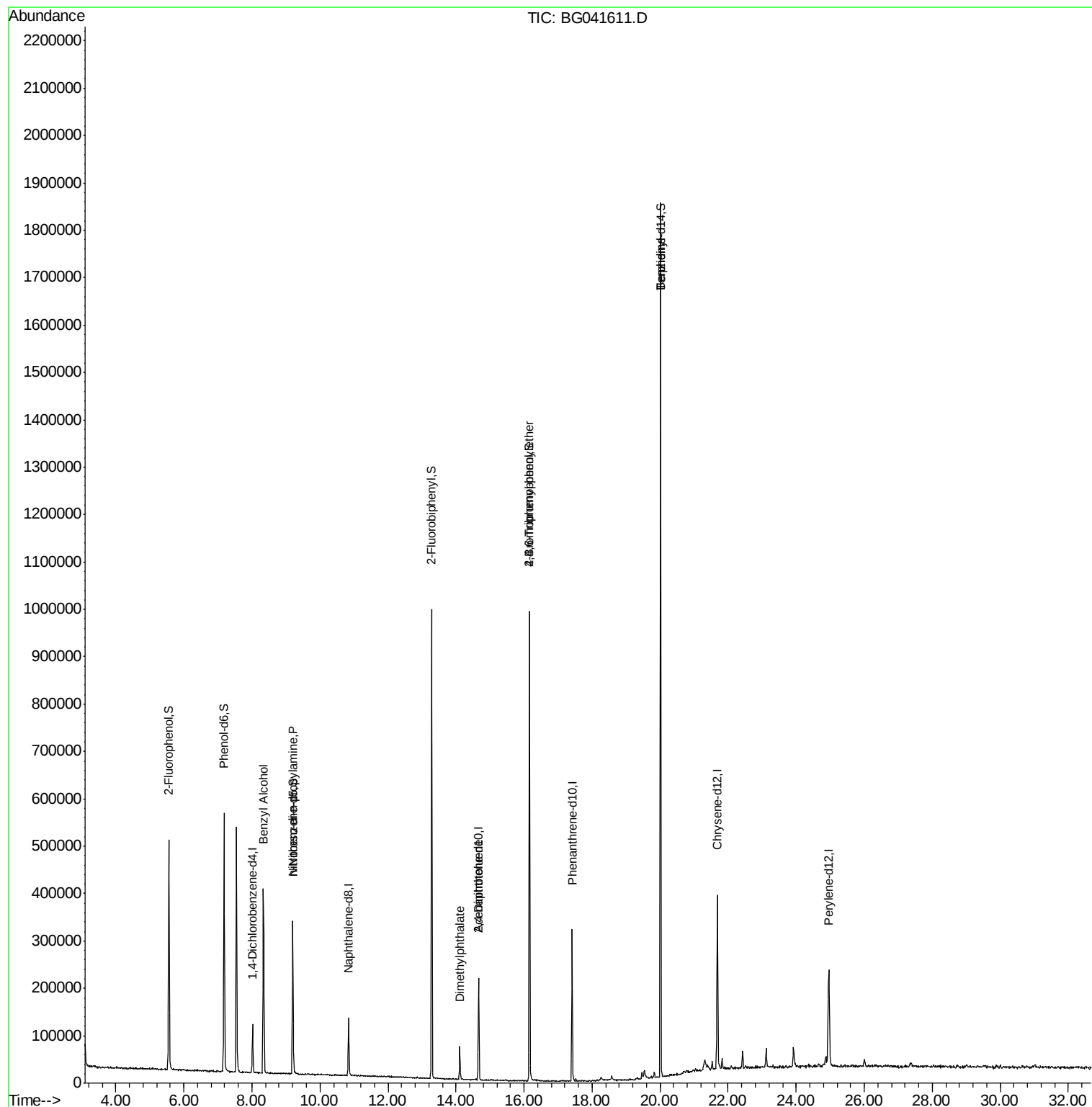
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	29379	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	104918	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	75165	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	201494	20.00	ng	0.00
76) Chrysene-d12	21.68	240	222739	20.00	ng	0.00
87) Perylene-d12	24.96	264	240675	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	198886	120.69	ng	0.00
7) Phenol-d6	7.18	99	294800	127.08	ng	0.00
23) Nitrobenzene-d5	9.20	82	200440	79.68	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	196434	153.06	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	484590	82.73	ng	0.00
79) Terphenyl-d14	20.01	244	927029	88.44	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.34	79	3800	2.057	ng	# 70
19) n-Nitroso-di-n-propylamine	9.20	70	27803	16.068	ng	# 80
50) Dimethylphthalate	14.11	163	47094	6.885	ng	# 98
57) 2,4-Dinitrotoluene	14.66	165	9662	4.588	ng	# 21
67) 4-Bromophenyl-phenylether	16.16	248	13548	4.920	ng	# 1
77) Benzidine	20.01	184	14870	3.009	ng	# 94

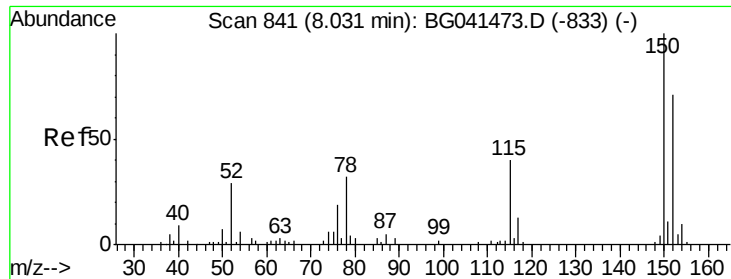
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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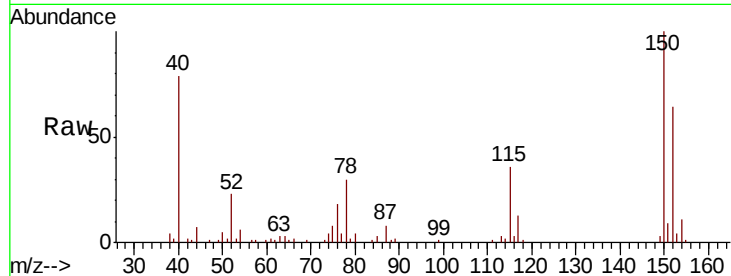


#1

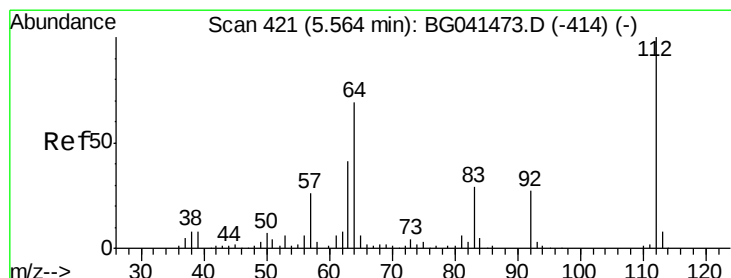
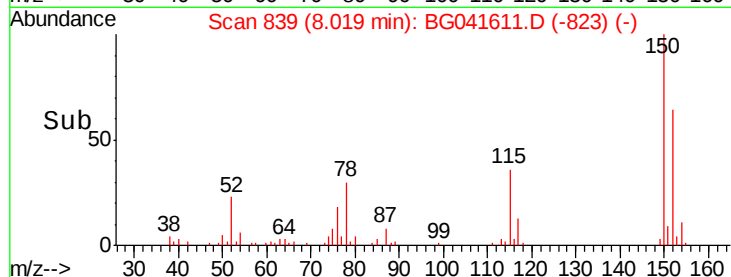
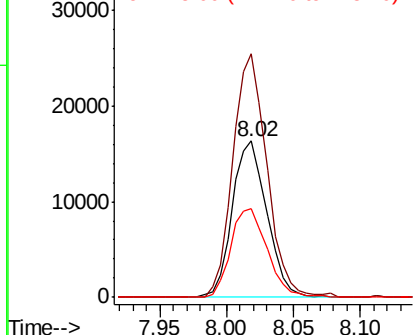
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BG041611.D
Acq: 5 Jul 2019 14:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 29379
Ion Ratio Lower Upper
152 100
150 155.8 118.3 177.5
115 56.8 44.0 66.0



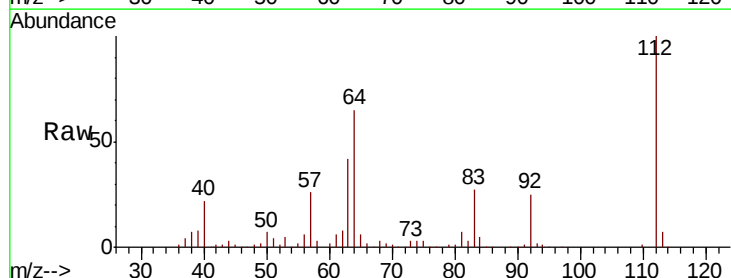
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



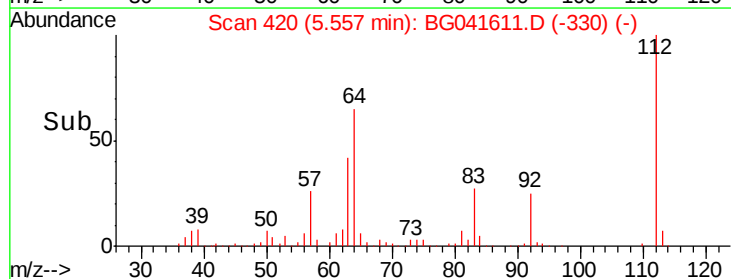
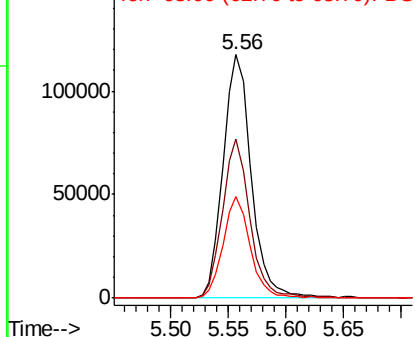
#5

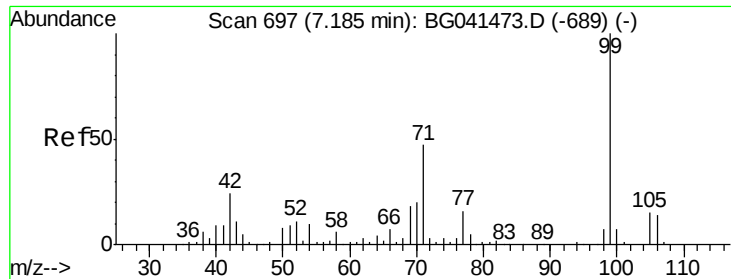
2-Fluorophenol
Concen: 120.693 ng
RT: 5.56 min Scan# 420
Delta R.T. 0.00 min
Lab File: BG041611.D
Acq: 5 Jul 2019 14:46

Tgt Ion:112 Resp: 198886
Ion Ratio Lower Upper
112 100
64 65.5 52.4 78.6
63 41.9 32.2 48.2



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: 127.082 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG041611.D

Acq: 5 Jul 2019 14:46

Instrument :

BNA_G

ClientSampleId :

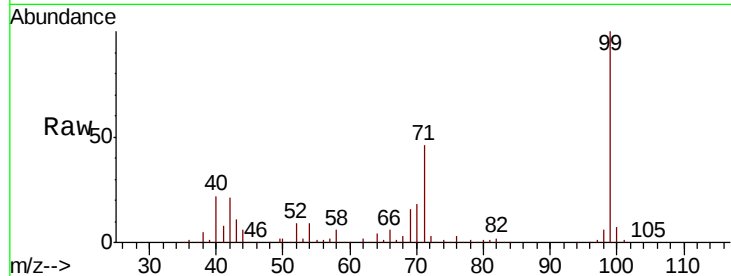
Tot Ion: 99 Resp: 294800

Ion Ratio Lower Upper

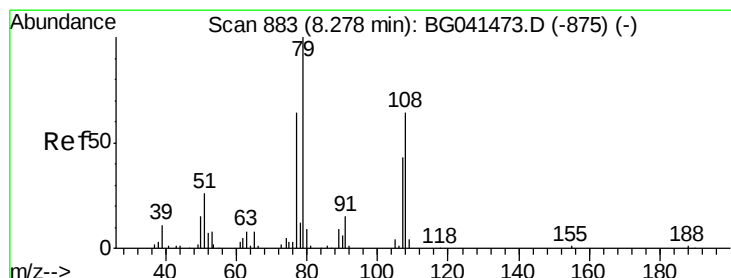
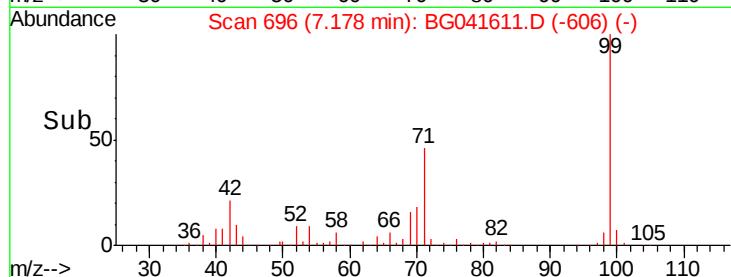
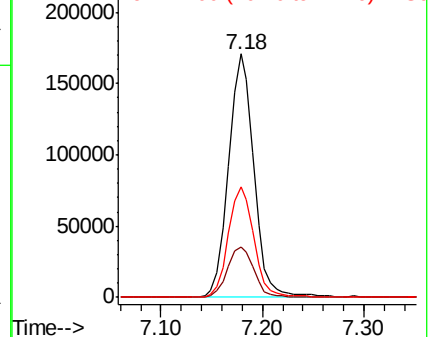
99 100

42 20.9 18.2 27.4

71 45.6 37.4 56.2



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



#15

Benzyl Alcohol

Concen: 2.057 ng

RT: 8.34 min Scan# 893

Delta R.T. 0.07 min

Lab File: BG041611.D

Acq: 5 Jul 2019 14:46

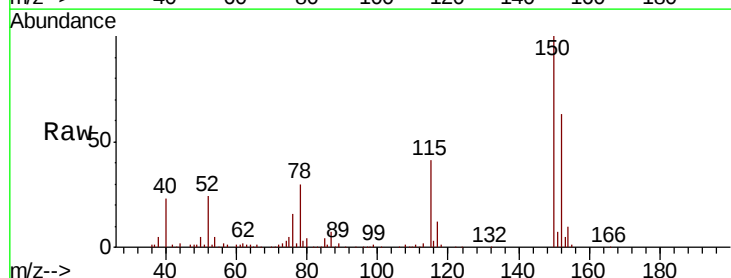
Tgt Ion: 79 Resp: 3800

Ion Ratio Lower Upper

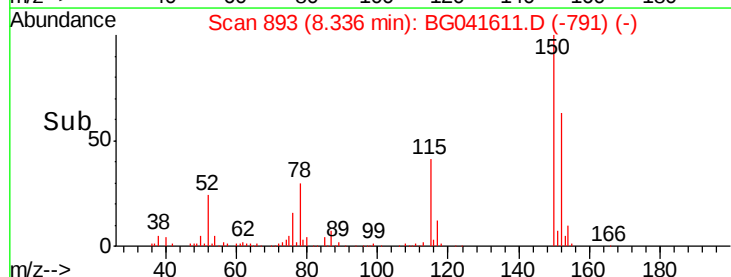
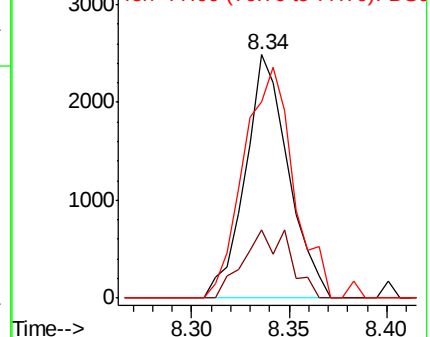
79 100

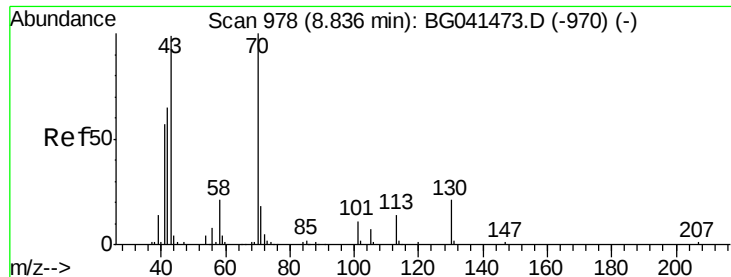
108 28.1 52.2 78.2#

77 80.4 55.4 83.2



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

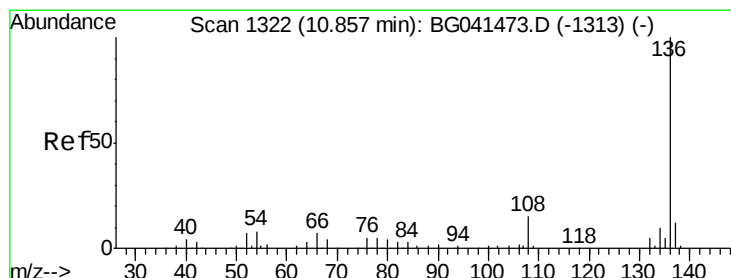
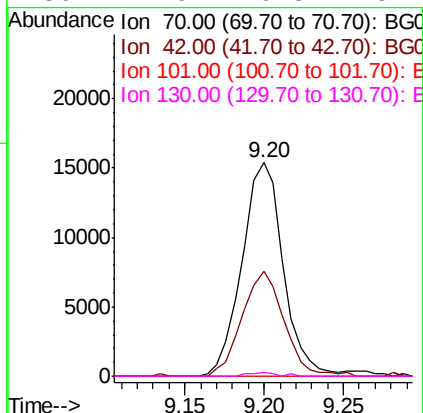
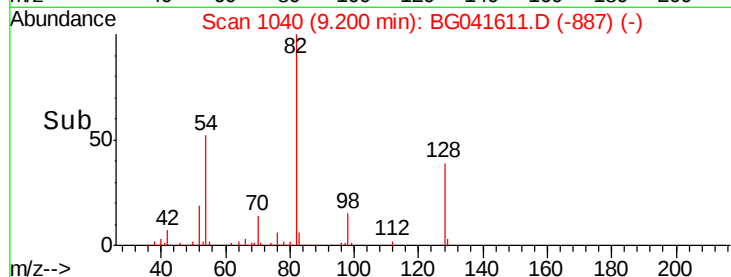
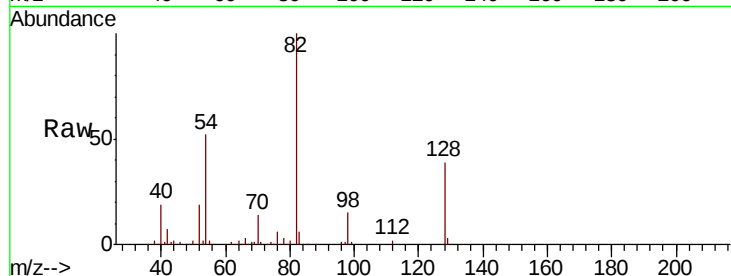




#19
n-Nitroso-di-n-propylamine
Concen: 16.068 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.37 min
Lab File: BG041611.D
Acq: 5 Jul 2019 14:46

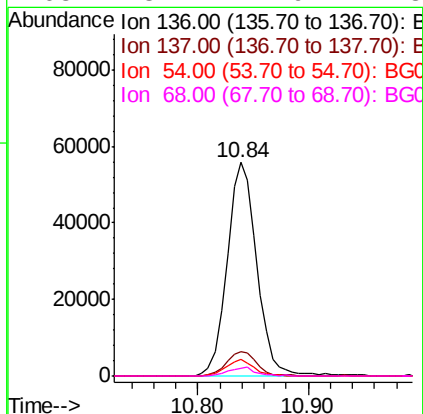
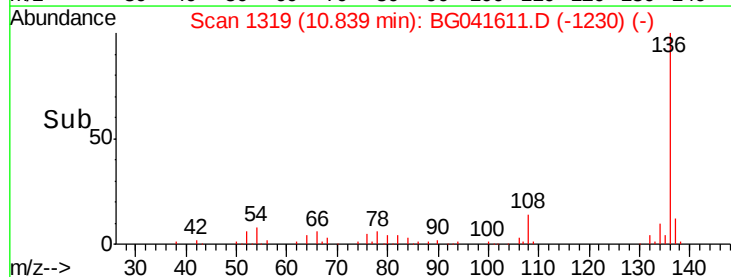
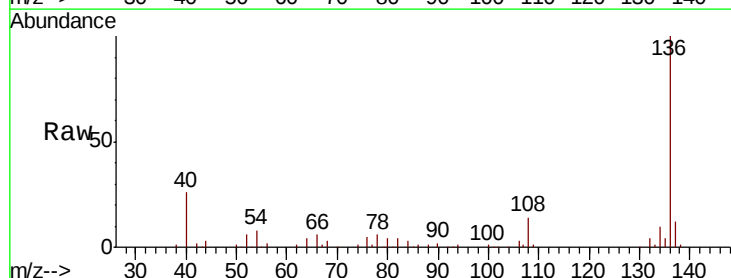
Instrument :
BNA_G
ClientSampleId :

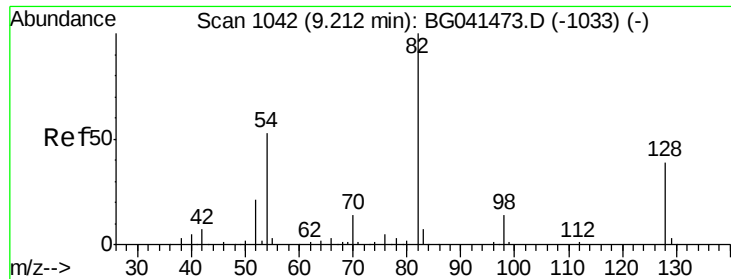
Tot Ion: 70 Resp: 27803
Ion Ratio Lower Upper
70 100
42 48.9 45.5 68.3
101 0.0 9.0 13.4#
130 1.9 16.8 25.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BG041611.D
Acq: 5 Jul 2019 14:46

Tgt Ion:136 Resp: 104918
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.2
54 8.5 6.0 9.0
68 3.4 2.9 4.3

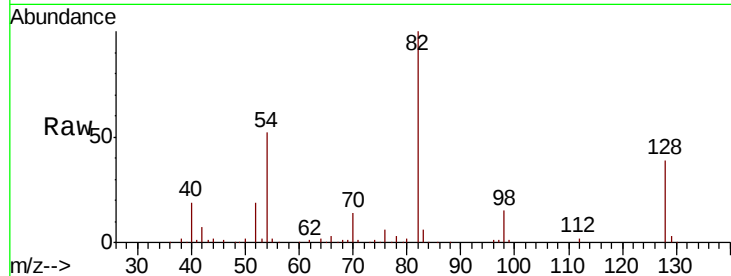




#23
Nitrobenzene-d5
Concen: 79.679 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BG041611.D
Acq: 5 Jul 2019 14:46

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.8	29.5	44.3
54	51.6	42.2	63.2

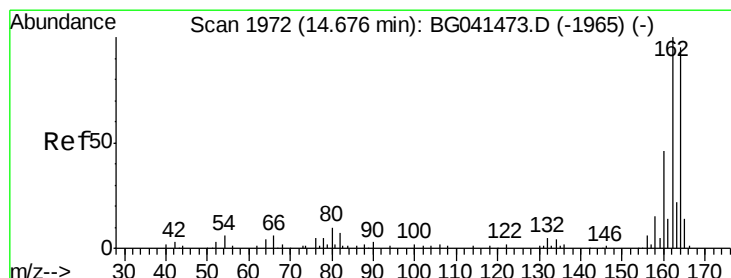
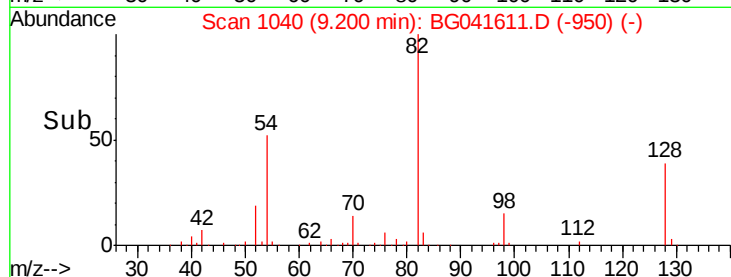
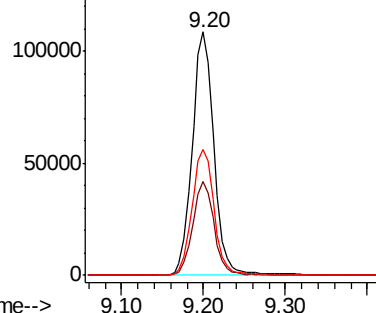


Abundance

Ion 82.00 (81.70 to 82.70): BGC

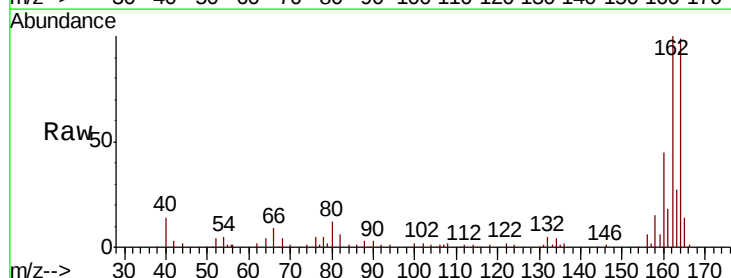
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG041611.D
Acq: 5 Jul 2019 14:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	83.0	124.4
160	45.9	34.2	51.4

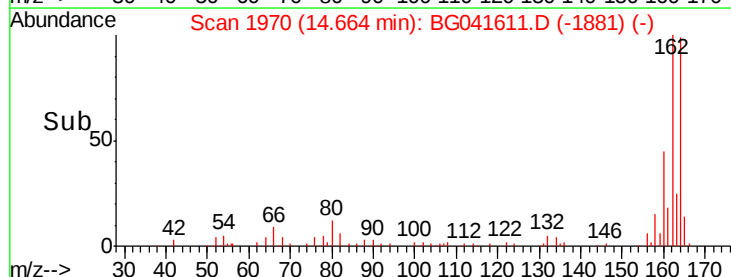
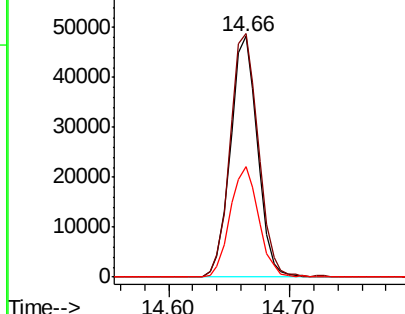


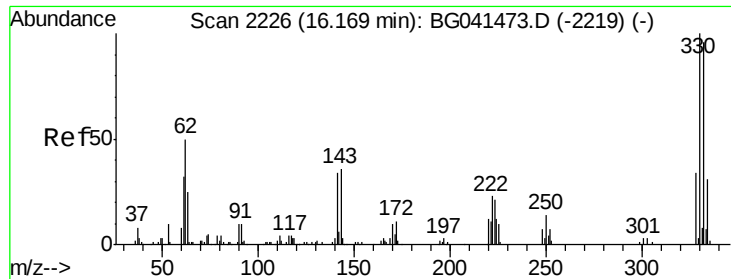
Abundance

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

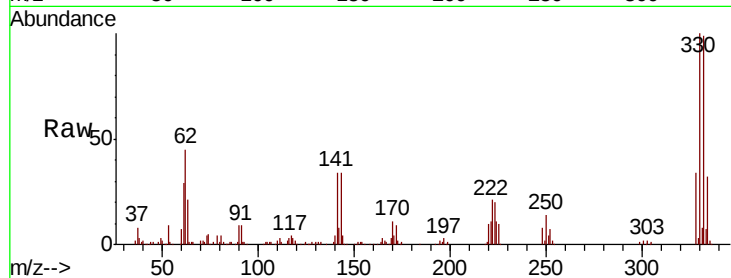




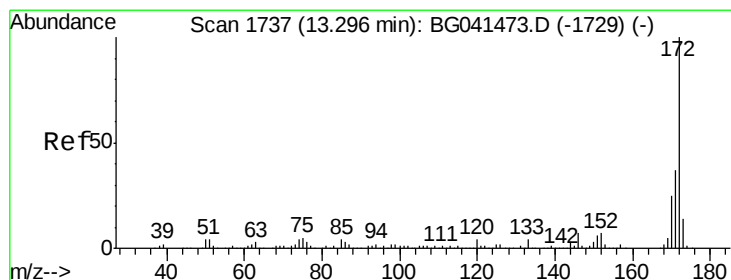
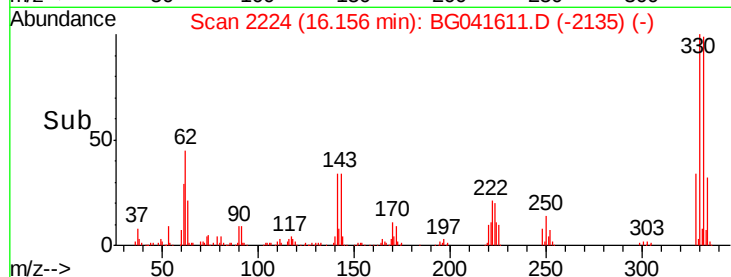
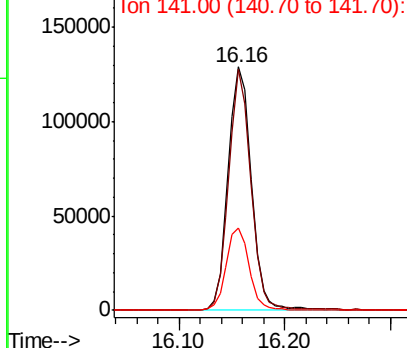
#42
 2,4,6-Tribromophenol
 Concen: 153.058 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: BG041611.D
 Acq: 5 Jul 2019 14:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.9	115.3
141	33.5	28.4	42.6

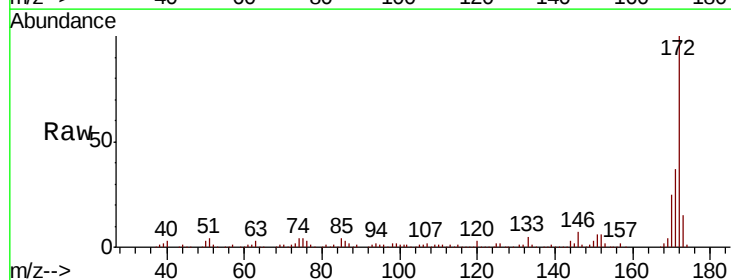


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

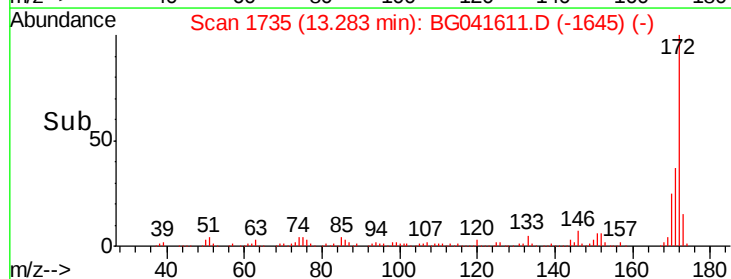
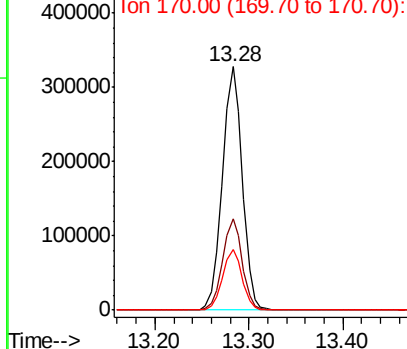


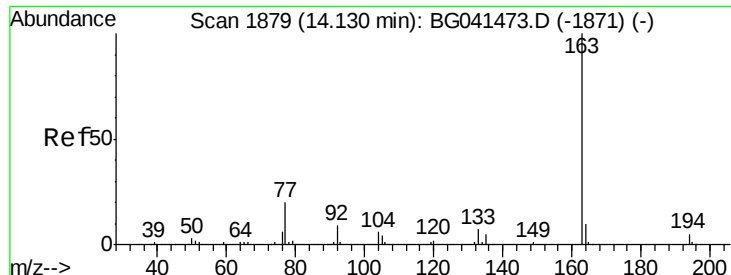
#45
 2-Fluorobiphenyl
 Concen: 82.732 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. 0.00 min
 Lab File: BG041611.D
 Acq: 5 Jul 2019 14:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.9	46.3
170	24.7	20.0	30.0



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

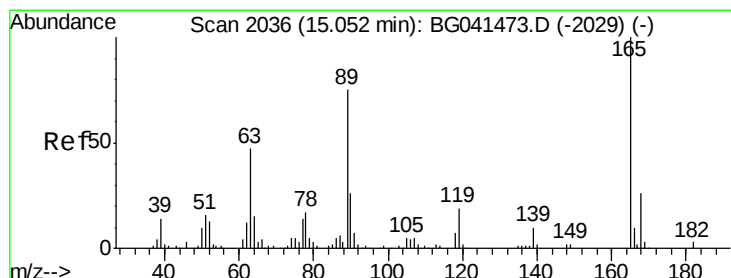
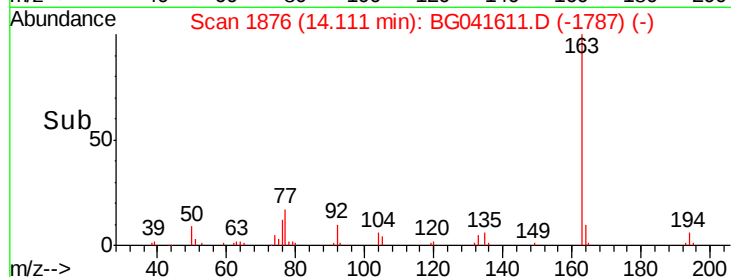
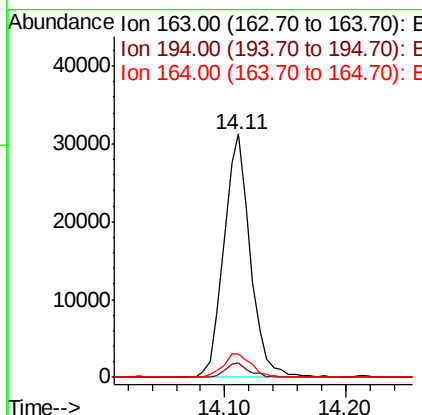
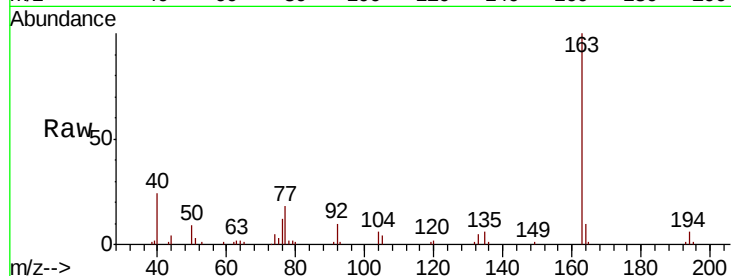




#50
Dimethylphthalate
Concen: 6.885 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BG041611.D
Acq: 5 Jul 2019 14:46

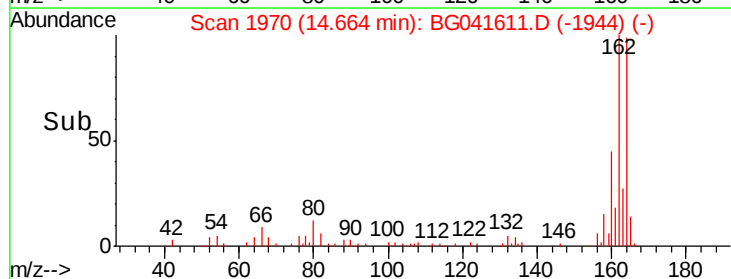
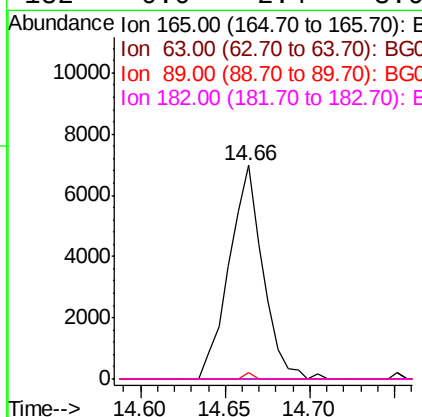
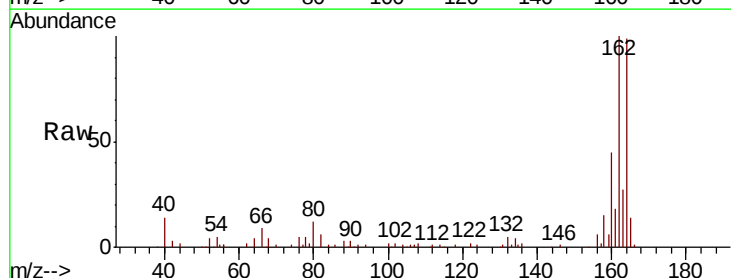
Instrument :
BNA_G
ClientSampleId :

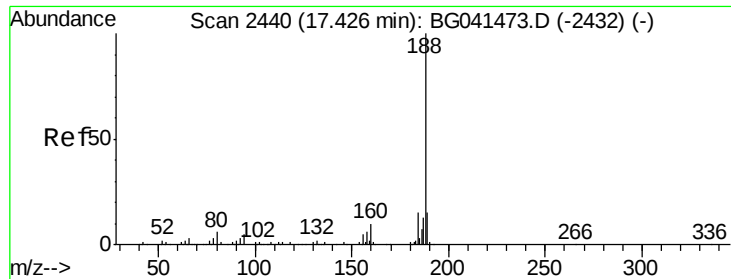
Tot Ion:163 Resp: 47094
Ion Ratio Lower Upper
163 100
194 5.7 3.9 5.9
164 9.6 8.0 12.0



#57
2,4-Dinitrotoluene
Concen: 4.588 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.37 min
Lab File: BG041611.D
Acq: 5 Jul 2019 14:46

Tgt Ion:165 Resp: 9662
Ion Ratio Lower Upper
165 100
63 0.0 40.6 60.8#
89 2.7 62.2 93.2#
182 0.0 2.4 3.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. 0.00 min

Lab File: BG041611.D

Acq: 5 Jul 2019 14:46

Instrument :

BNA_G

ClientSampleId :

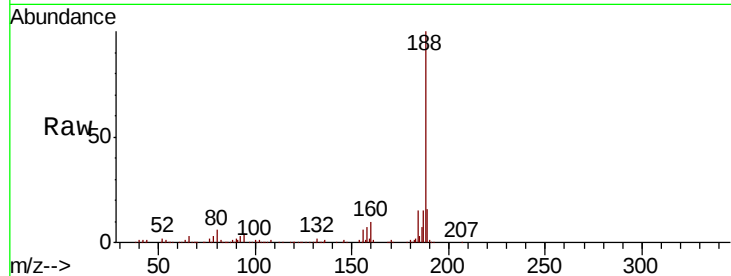
Tot Ion:188 Resp: 201494

Ion Ratio Lower Upper

188 100

94 4.0 3.3 4.9

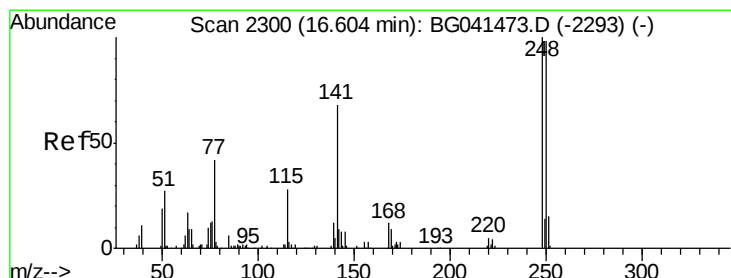
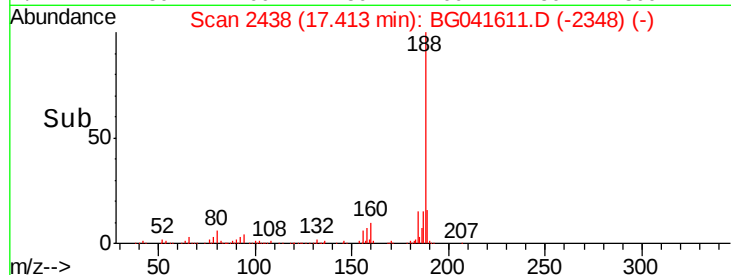
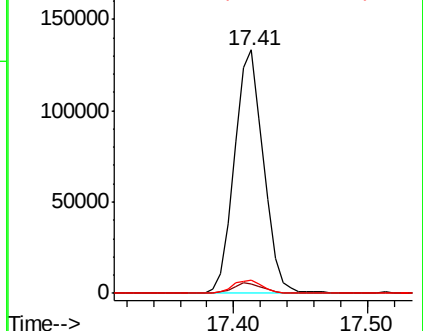
80 5.5 5.0 7.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 4.920 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.44 min

Lab File: BG041611.D

Acq: 5 Jul 2019 14:46

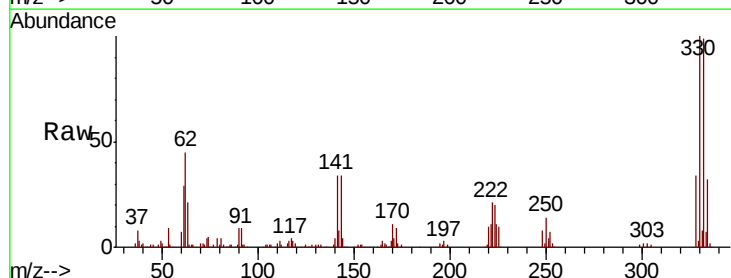
Tgt Ion:248 Resp: 13548

Ion Ratio Lower Upper

248 100

250 180.9 79.3 118.9#

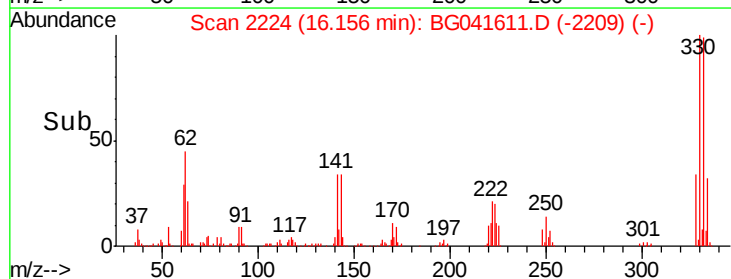
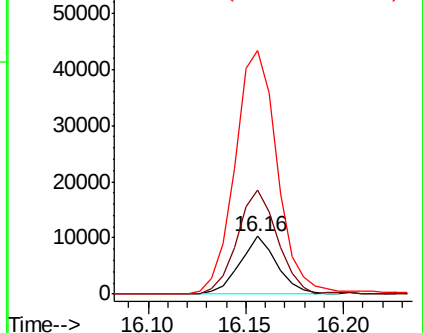
141 424.2 51.0 76.6#

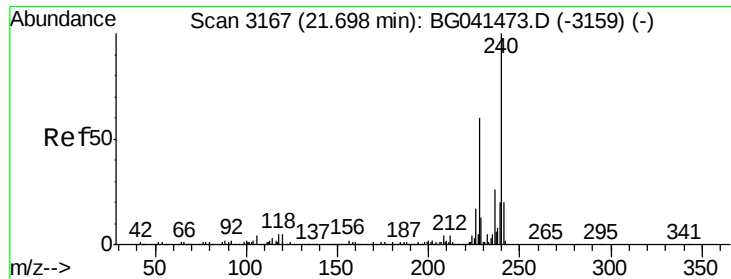


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

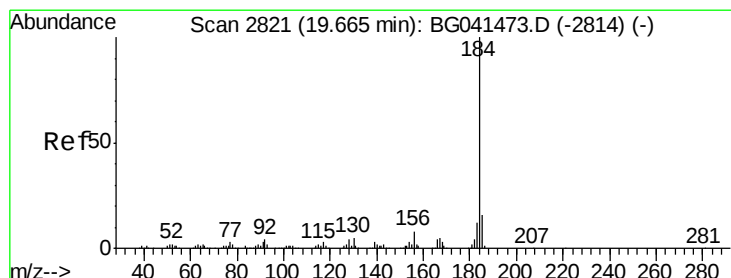
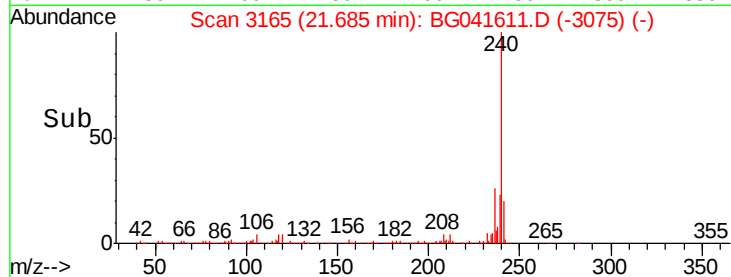
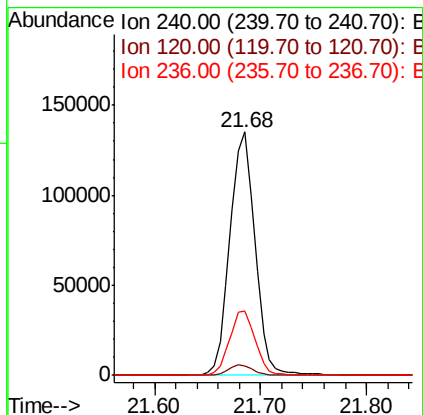
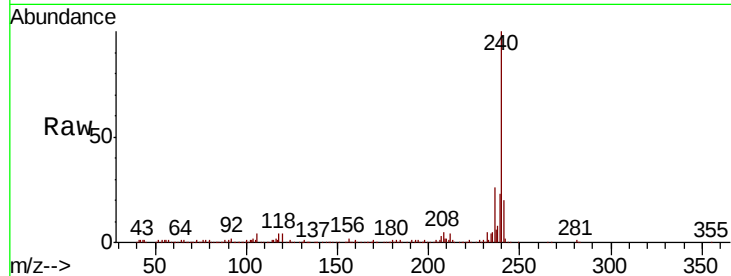




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. 0.00 min
 Lab File: BG041611.D
 Acq: 5 Jul 2019 14:46

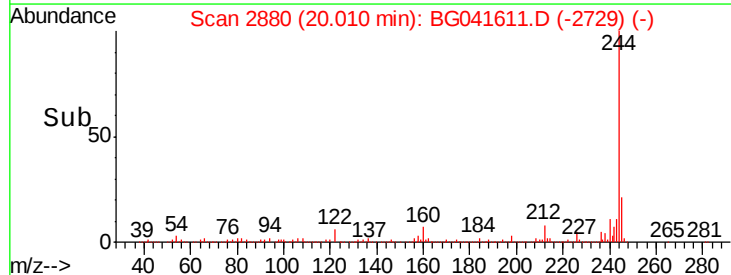
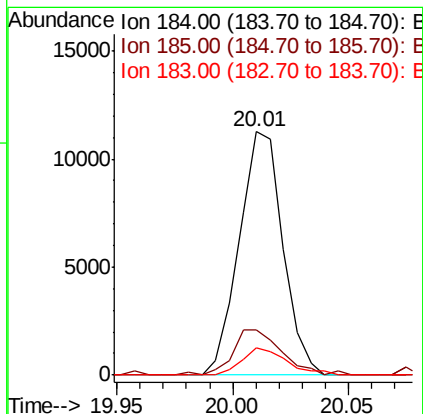
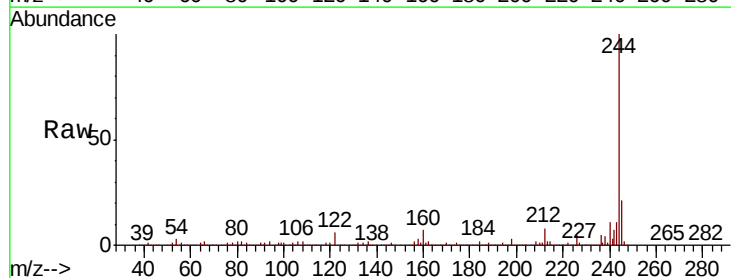
Instrument :
 BNA_G
 ClientSampleId :

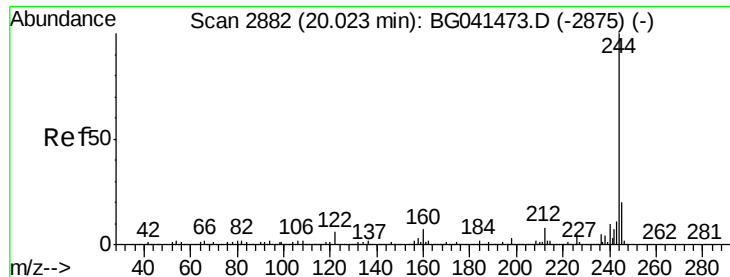
Tot Ion:240 Resp: 222739
 Ion Ratio Lower Upper
 240 100
 120 3.7 3.9 5.9#
 236 26.3 20.6 30.8



#77
 Benzidine
 Concen: 3.009 ng
 RT: 20.01 min Scan# 2880
 Delta R.T. 0.36 min
 Lab File: BG041611.D
 Acq: 5 Jul 2019 14:46

Tgt Ion:184 Resp: 14870
 Ion Ratio Lower Upper
 184 100
 185 18.7 11.7 17.5#
 183 11.1 9.4 14.2





#79

Terphenyl-d14

Concen: 88.445 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG041611.D

Acq: 5 Jul 2019 14:46

Instrument :

BNA_G

ClientSampled :

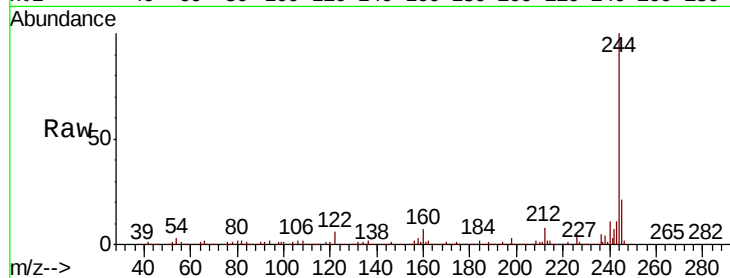
Tot Ion:244 Resp: 927029

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

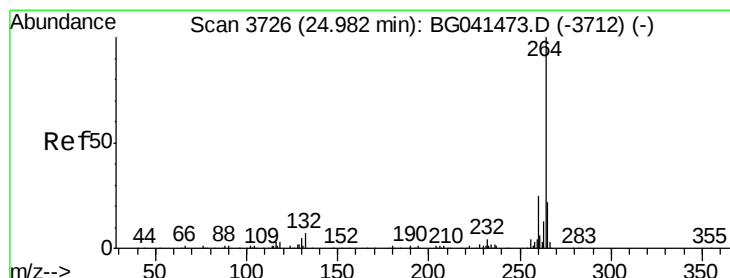
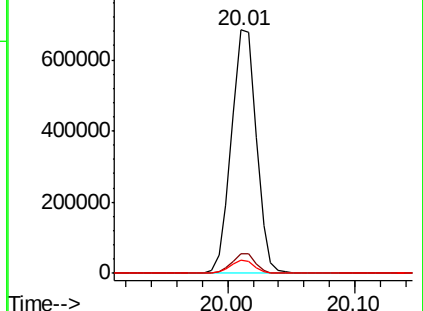
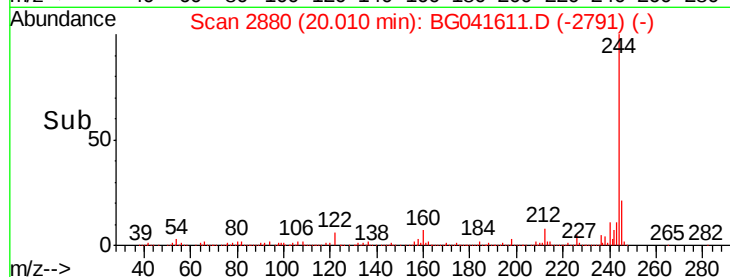
122 5.6 4.0 6.0



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# 3722

Delta R.T. -0.00 min

Lab File: BG041611.D

Acq: 5 Jul 2019 14:46

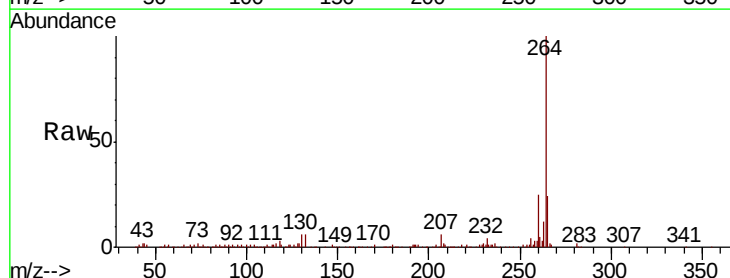
Tgt Ion:264 Resp: 240675

Ion Ratio Lower Upper

264 100

260 25.0 18.6 27.8

265 23.6 16.7 25.1



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

