

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
 Data File : BG039063.D
 Acq On : 10 Jan 2019 21:56
 Operator : JU/SJ
 Sample : K1100-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 11 05:12:09 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

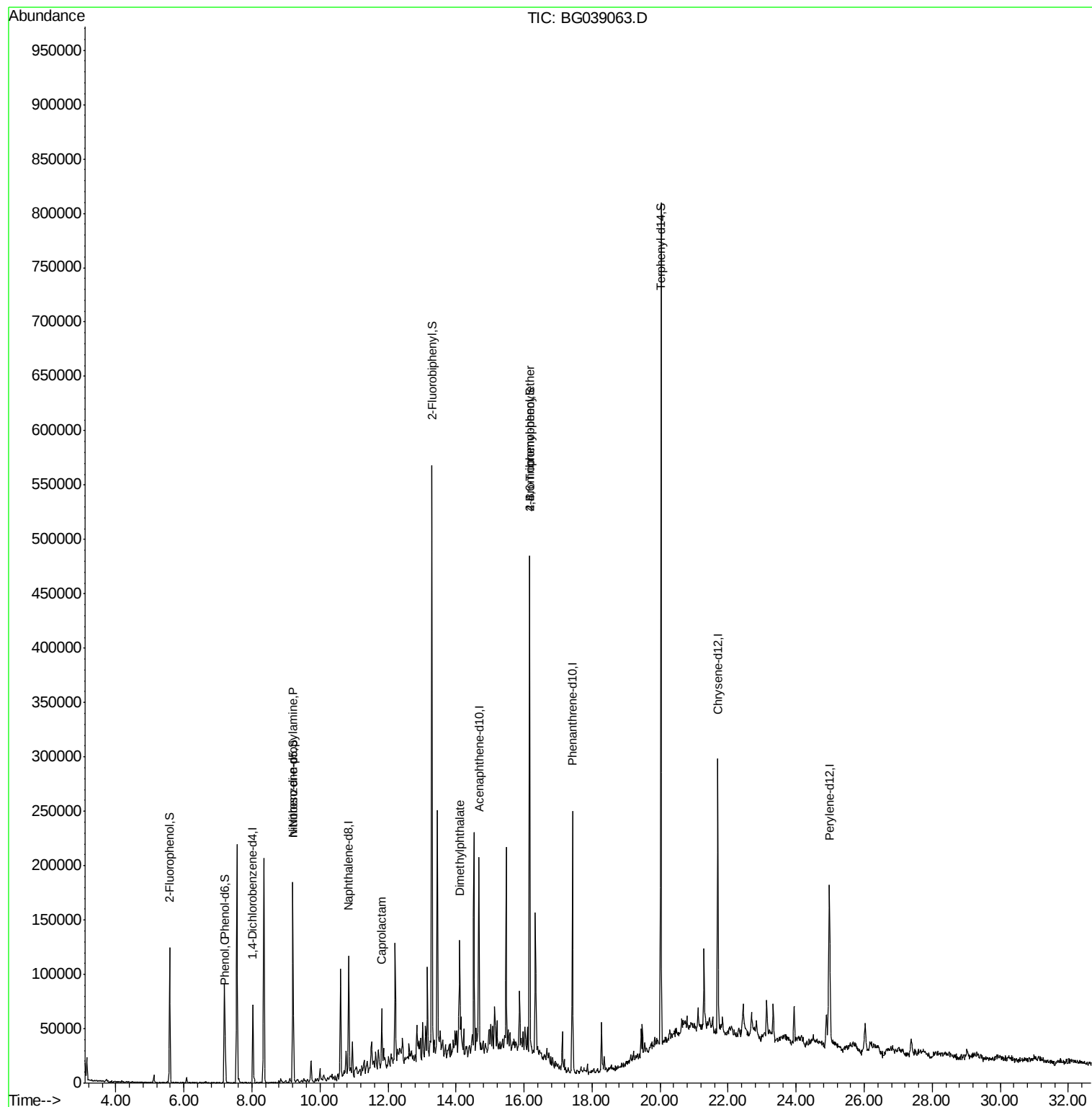
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	21706	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	92372	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	64967	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	155483	20.00	ng	0.00
76) Chrysene-d12	21.70	240	157936	20.00	ng	0.00
87) Perylene-d12	24.97	264	173930	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	56416	49.30	ng	0.00
7) Phenol-d6	7.19	99	51990	31.57	ng	0.00
23) Nitrobenzene-d5	9.21	82	106798	63.27	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	100217	92.02	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	290046	61.10	ng	0.00
79) Terphenyl-d14	20.02	244	394830	46.25	ng	0.00
Target Compounds						
10) Phenol	7.21	94	19260	11.666	ng	98
19) n-Nitroso-di-n-propylamine	9.21	70	14389	13.306	ng	# 67
35) Caprolactam	11.82	113	2125	3.285	ng	# 20
50) Dimethylphthalate	14.11	163	33946	6.183	ng	99
67) 4-Bromophenyl-phenylether	16.16	248	6270	3.137	ng	# 1

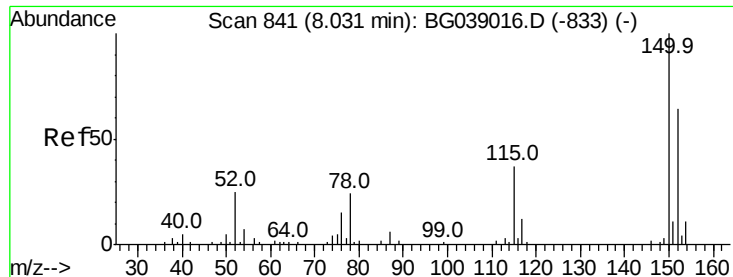
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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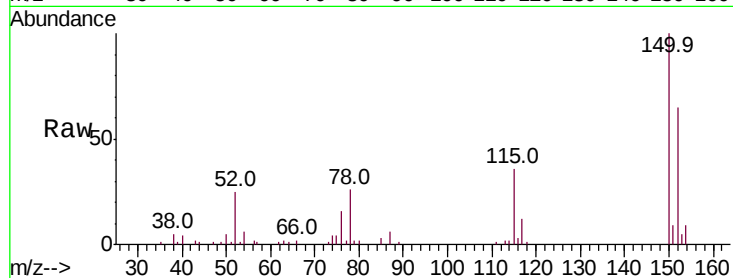


#1

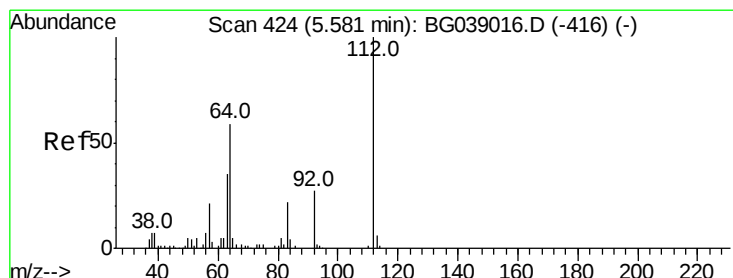
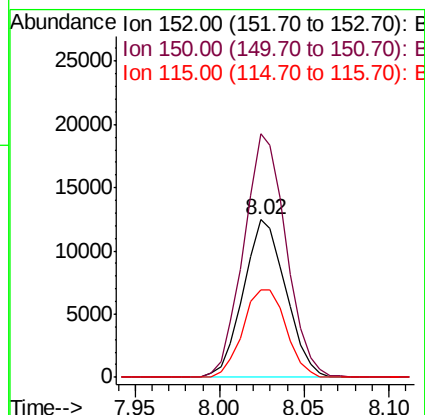
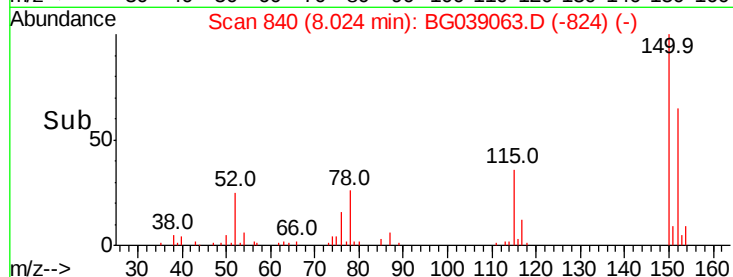
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039063.D
Acq: 10 Jan 2019 21:56

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 21706
Ion Ratio Lower Upper
152 100
150 154.7 124.7 187.1
115 56.0 46.5 69.7



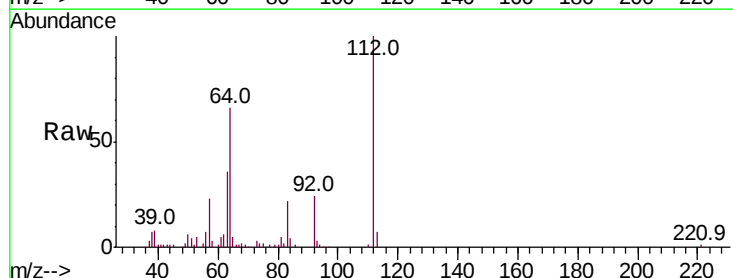
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



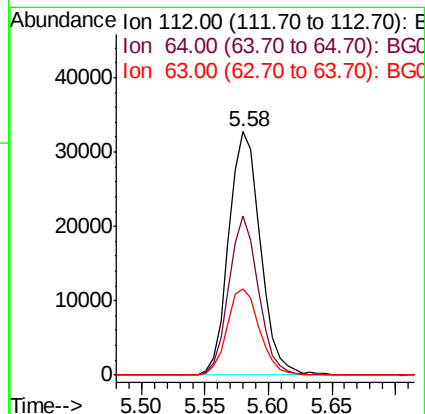
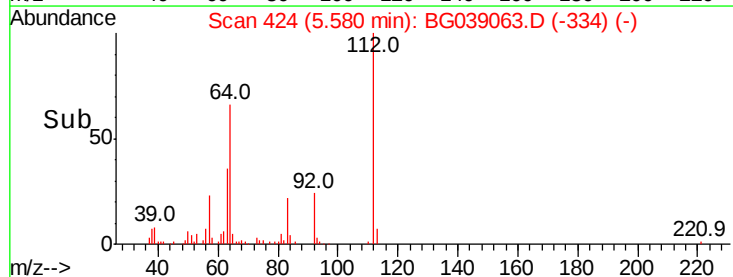
#5

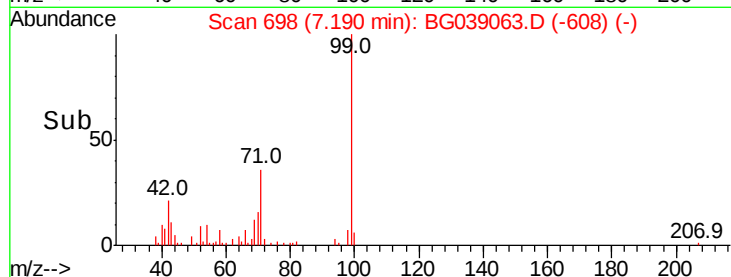
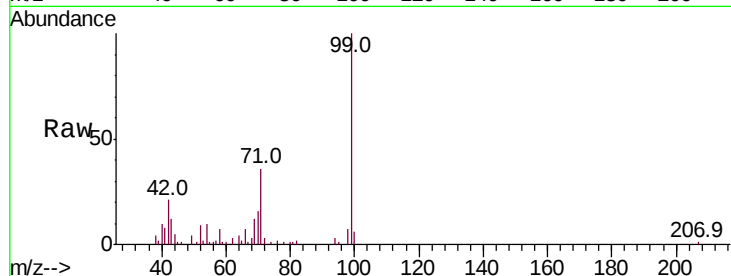
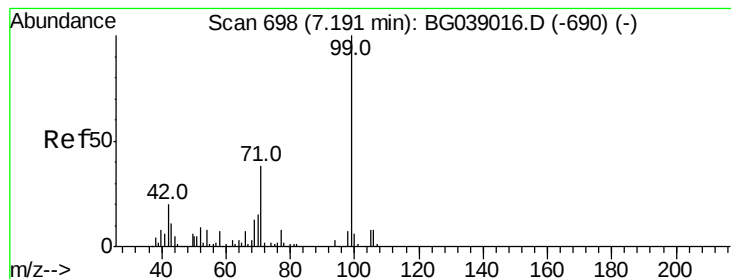
2-Fluorophenol
Concen: 49.304 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039063.D
Acq: 10 Jan 2019 21:56

Tgt Ion:112 Resp: 56416
Ion Ratio Lower Upper
112 100
64 65.5 47.0 70.6
63 35.6 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: 31.572 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039063.D

Acq: 10 Jan 2019 21:56

Instrument :

BNA_G

ClientSampleId :

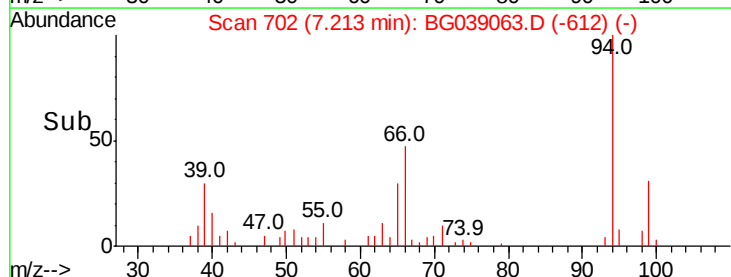
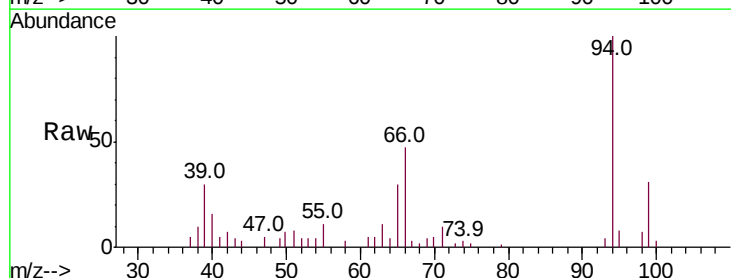
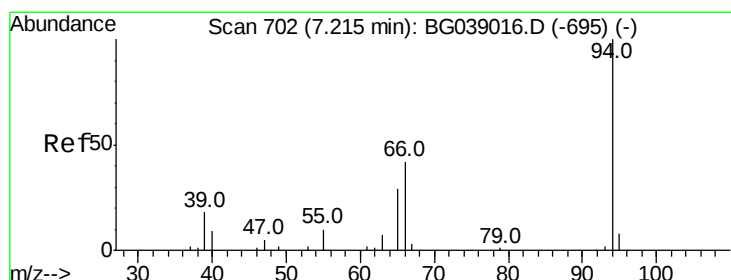
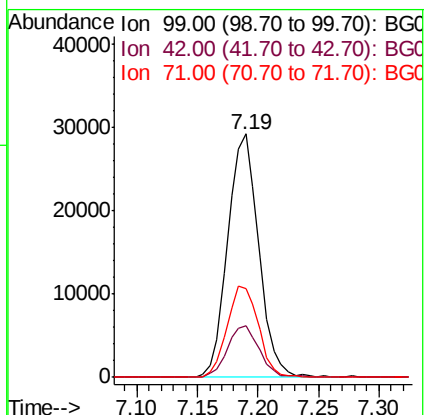
Tot Ion: 99 Resp: 51990

Ion Ratio Lower Upper

99 100

42 21.1 15.8 23.6

71 36.3 30.2 45.4



#10

Phenol

Concen: 11.666 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG039063.D

Acq: 10 Jan 2019 21:56

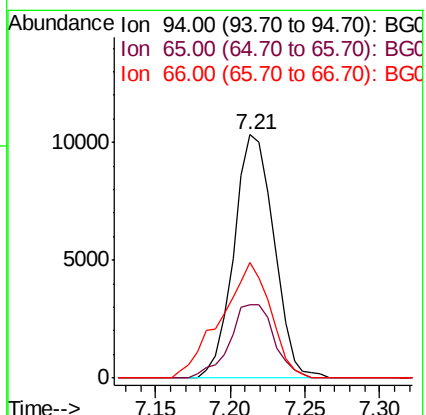
Tgt Ion: 94 Resp: 19260

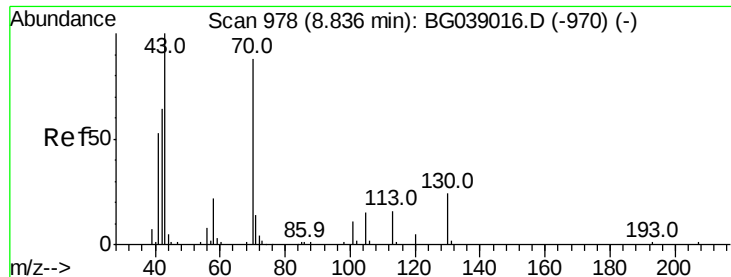
Ion Ratio Lower Upper

94 100

65 30.0 10.3 50.3

66 47.3 25.1 65.1





#19

n-Nitroso-di-n-propylamine

Concen: 13.306 ng

RT: 9.21 min Scan# 1041

Delta R.T. 0.37 min

Lab File: BG039063.D

Acq: 10 Jan 2019 21:56

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 14389

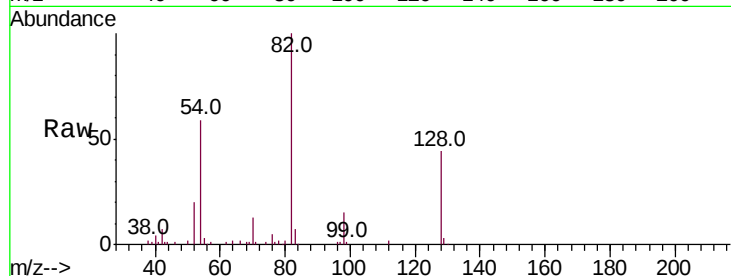
Ion Ratio Lower Upper

70 100

42 50.7 59.0 88.4#

101 0.0 10.4 15.6#

130 2.1 21.6 32.4#

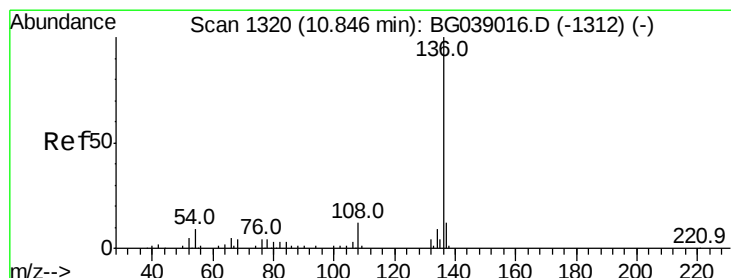
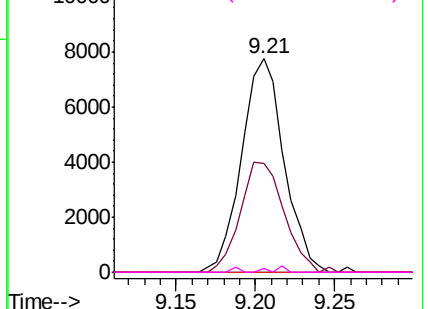
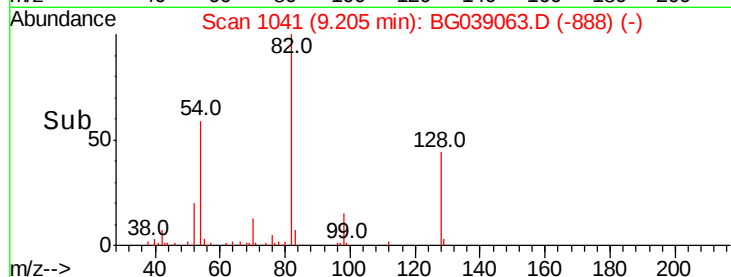


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 10.84 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG039063.D

Acq: 10 Jan 2019 21:56

Tgt Ion: 136 Resp: 92372

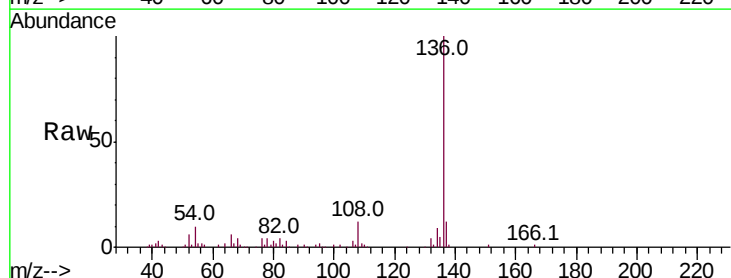
Ion Ratio Lower Upper

136 100

137 11.5 9.4 14.2

54 9.8 7.2 10.8

68 4.1 3.5 5.3

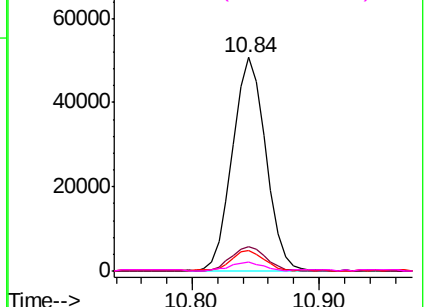
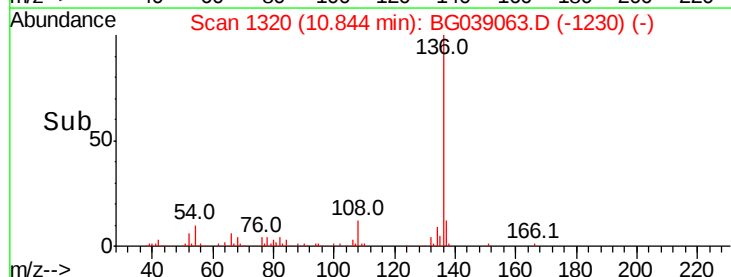


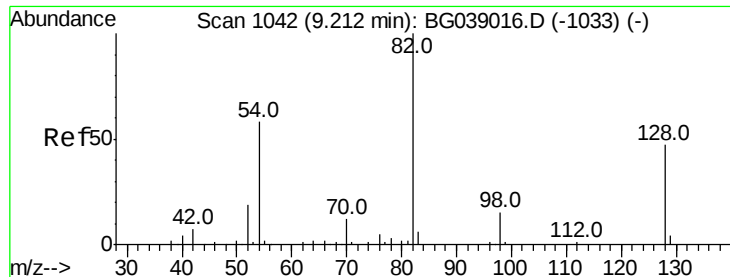
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

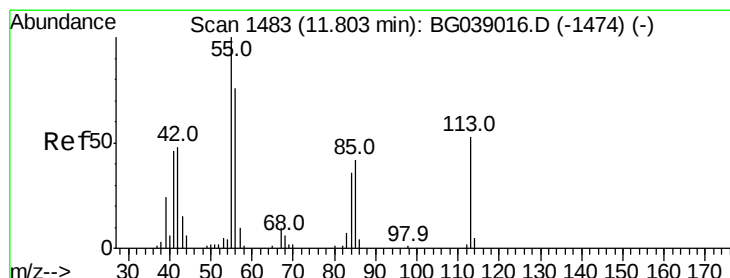
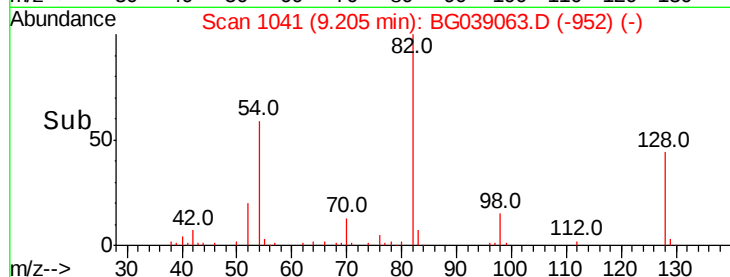
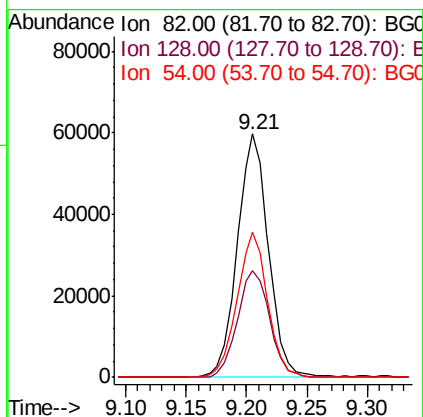
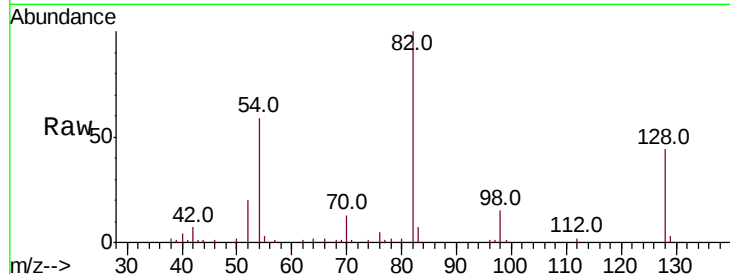




#23
Nitrobenzene-d5
Concen: 63.265 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039063.D
Acq: 10 Jan 2019 21:56

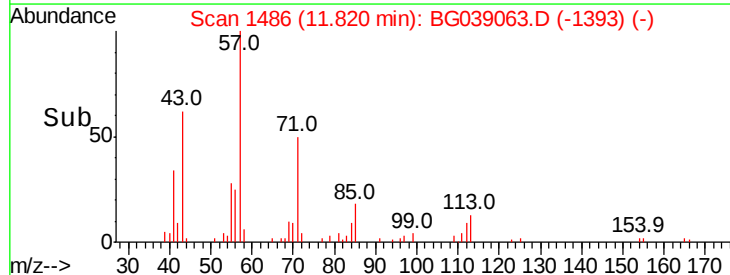
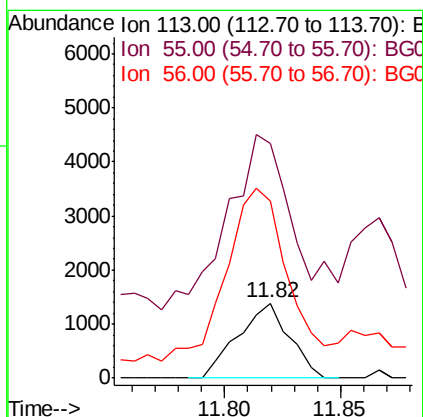
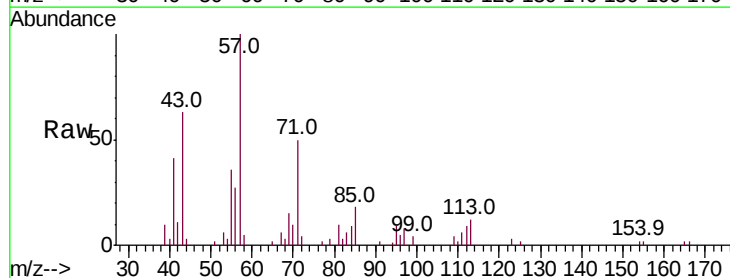
Instrument :
BNA_G
ClientSampleId :

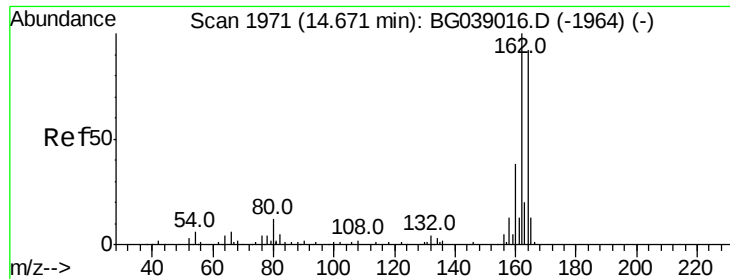
Tot Ion	82	Resp	106798
Ion Ratio	Lower	Upper	
82	100		
128	43.6	37.3	55.9
54	59.4	46.4	69.6



#35
Caprolactam
Concen: 3.285 ng
RT: 11.82 min Scan# 1486
Delta R.T. 0.02 min
Lab File: BG039063.D
Acq: 10 Jan 2019 21:56

Tgt Ion	113	Resp	2125
Ion Ratio	Lower	Upper	
113	100		
55	311.4	168.6	208.6#
56	234.8	123.2	163.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG039063.D

Acq: 10 Jan 2019 21:56

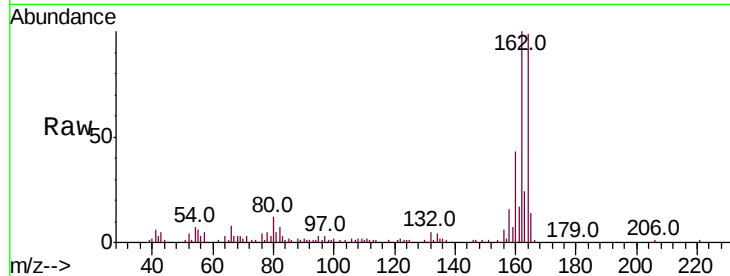
Instrument :

BNA_G

ClientSampled :

Tot Ion:164 Resp: 64967

Ion	Ratio	Lower	Upper
164	100		
162	101.4	87.2	130.8
160	43.7	33.3	49.9

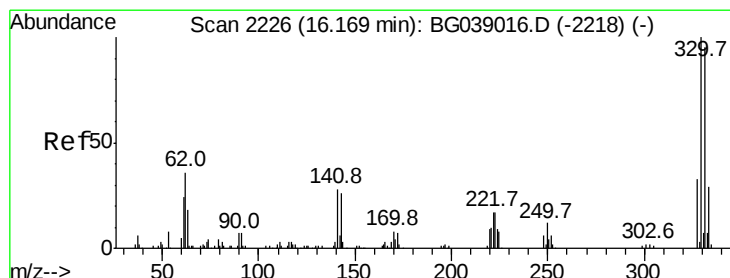
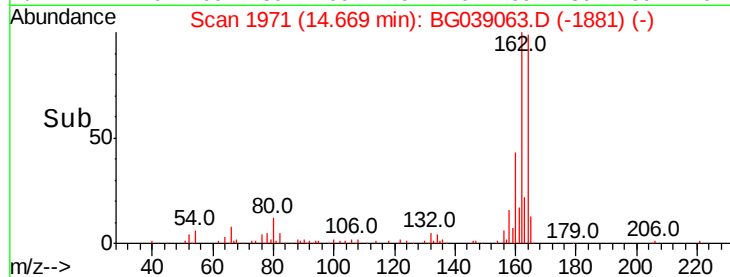
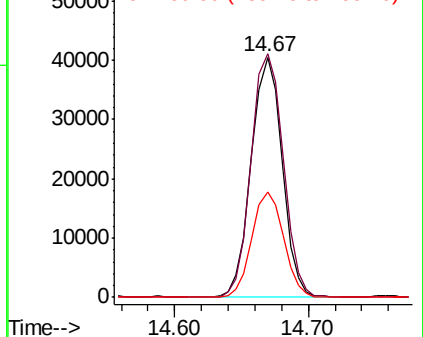


Abundance

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: 92.024 ng

RT: 16.16 min Scan# 2225

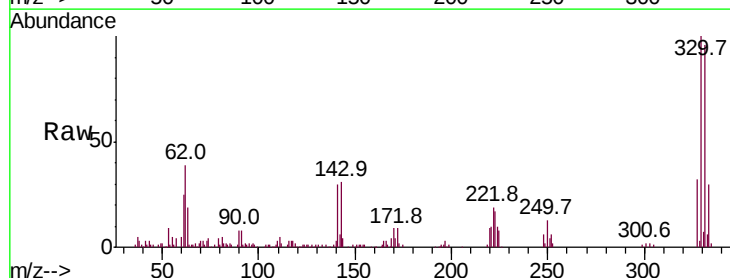
Delta R.T. -0.01 min

Lab File: BG039063.D

Acq: 10 Jan 2019 21:56

Tgt Ion:330 Resp: 100217

Ion	Ratio	Lower	Upper
330	100		
332	94.7	75.7	113.5
141	30.3	24.9	37.3

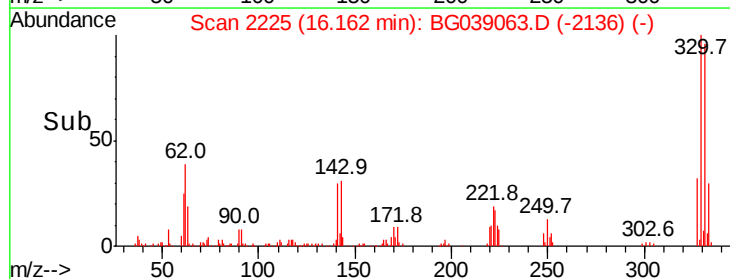
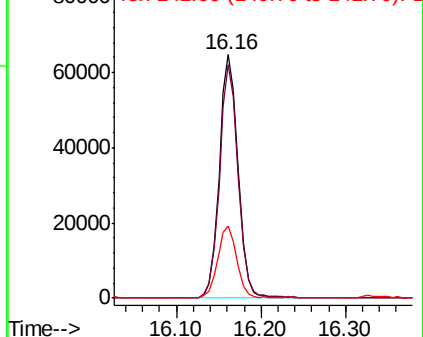


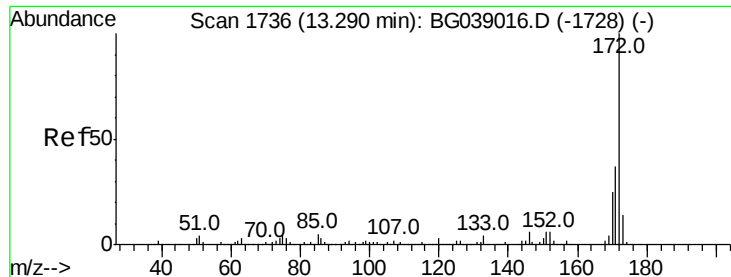
Abundance

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

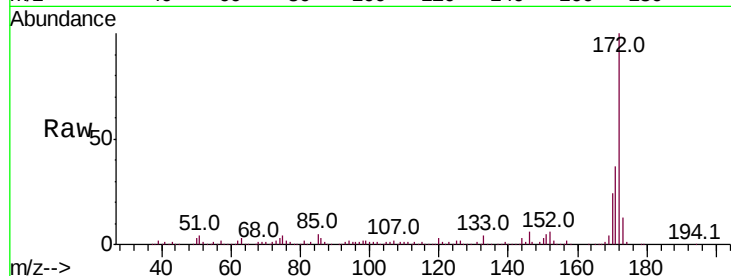




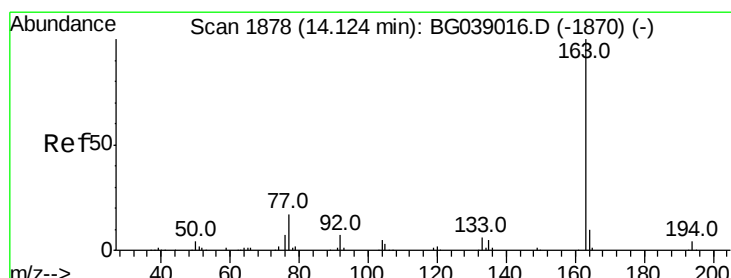
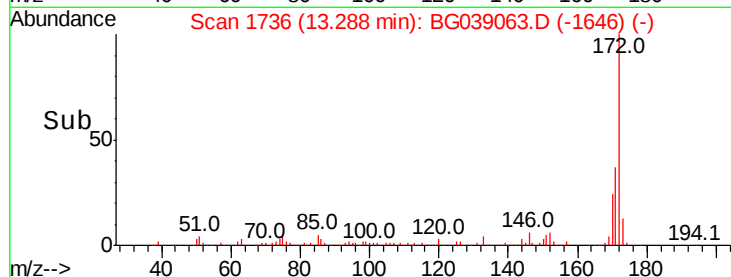
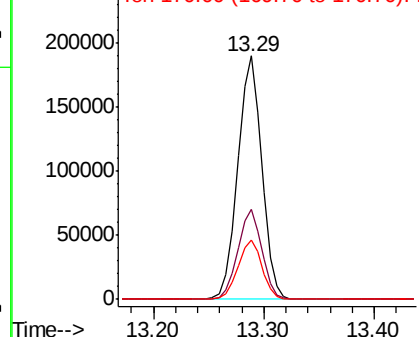
#45
2-Fluorobiphenyl
Concen: 61.100 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BG039063.D
Acq: 10 Jan 2019 21:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.2	20.1	30.1

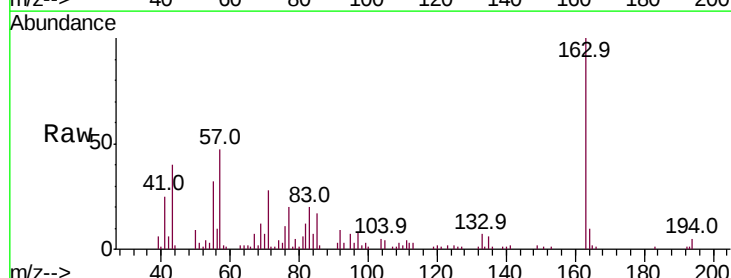


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

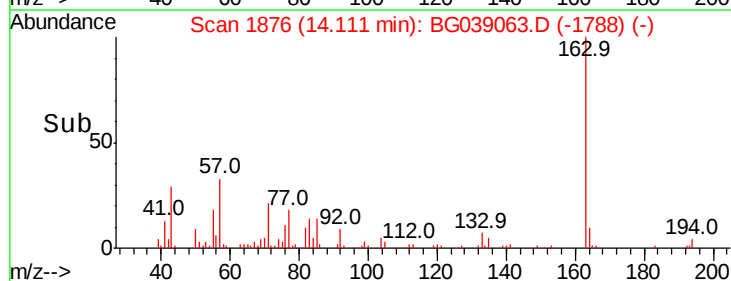
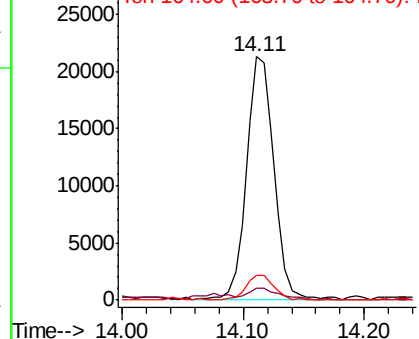


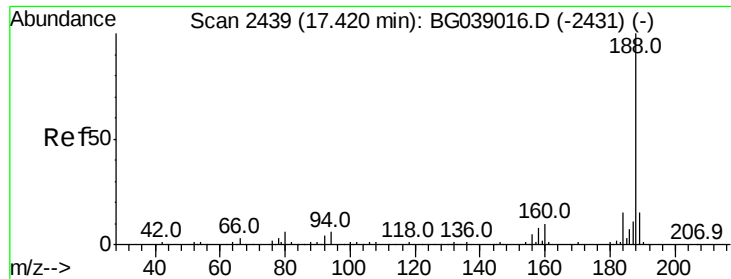
#50
Dimethylphthalate
Concen: 6.183 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG039063.D
Acq: 10 Jan 2019 21:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.6	5.4
164	10.3	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG039063.D

Acq: 10 Jan 2019 21:56

Instrument :

BNA_G

ClientSampled :

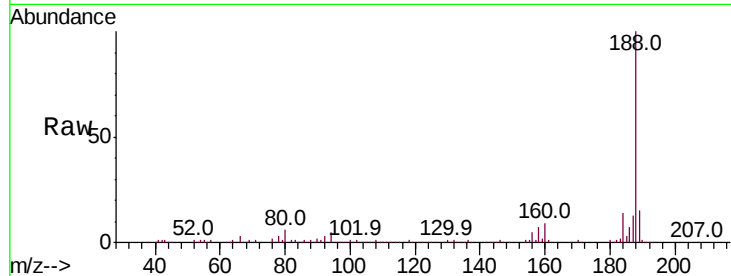
Tot Ion:188 Resp: 155483

Ion Ratio Lower Upper

188 100

94 4.7 5.0 7.4#

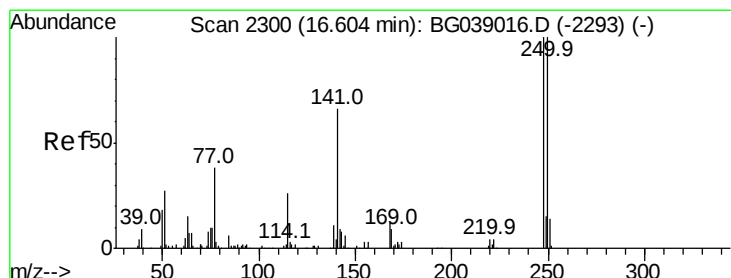
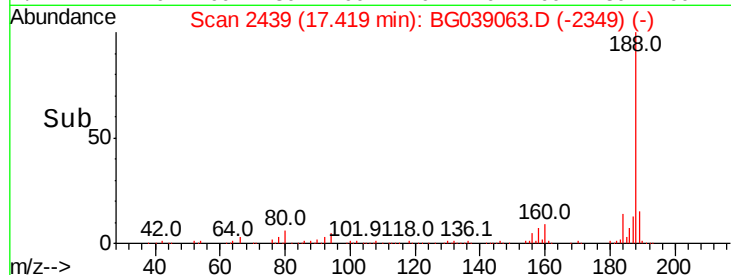
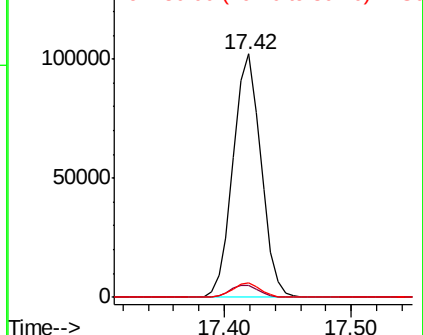
80 5.9 4.7 7.1



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: 3.137 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.44 min

Lab File: BG039063.D

Acq: 10 Jan 2019 21:56

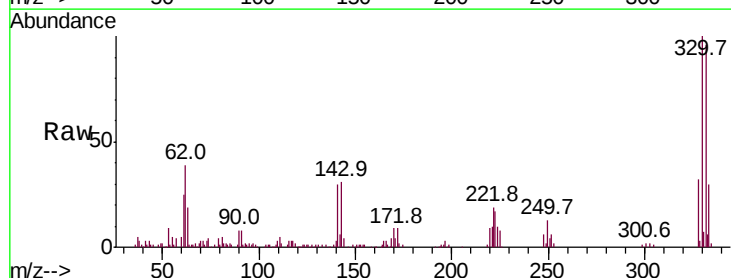
Tgt Ion:248 Resp: 6270

Ion Ratio Lower Upper

248 100

250 160.8 79.9 119.9#

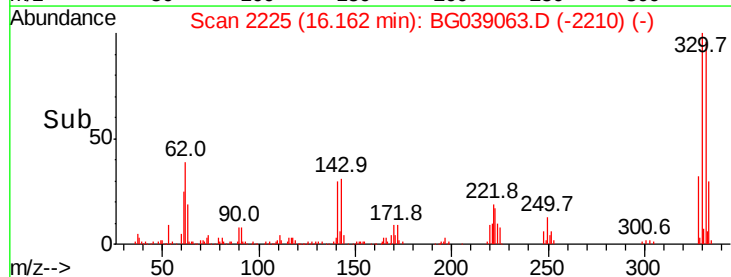
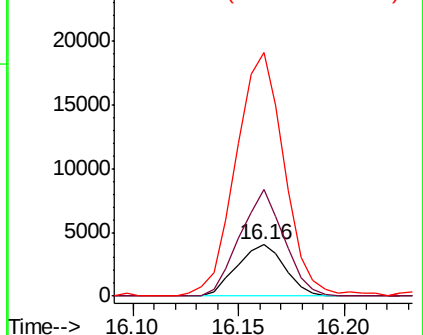
141 367.7 52.7 79.1#

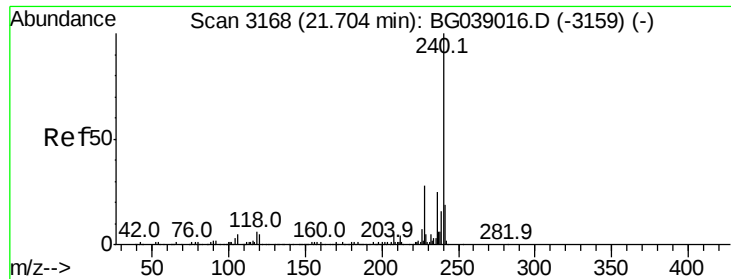


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG039063.D

Acq: 10 Jan 2019 21:56

Instrument :

BNA_G

ClientSampleId :

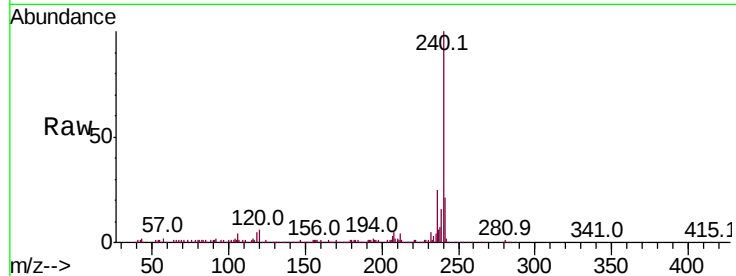
Tot Ion:240 Resp: 157936

Ion Ratio Lower Upper

240 100

120 5.6 4.3 6.5

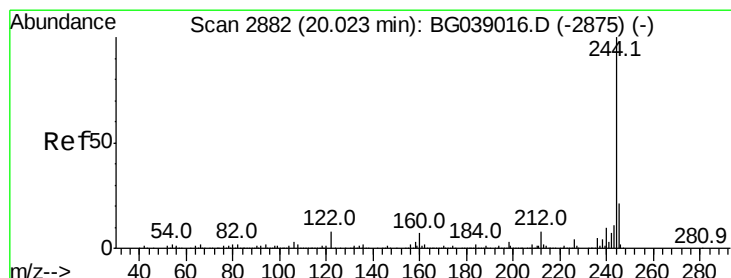
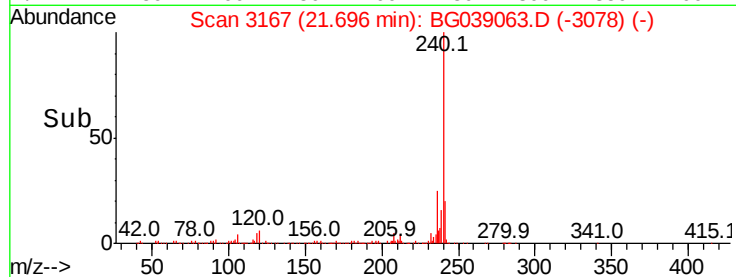
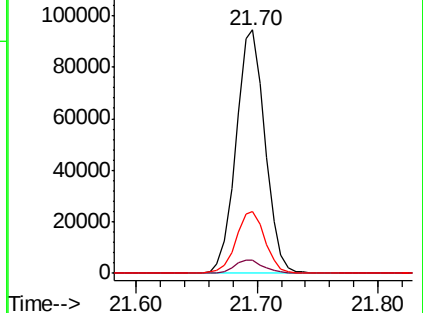
236 25.4 20.1 30.1



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



#79

Terphenyl-d14

Concen: 46.246 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039063.D

Acq: 10 Jan 2019 21:56

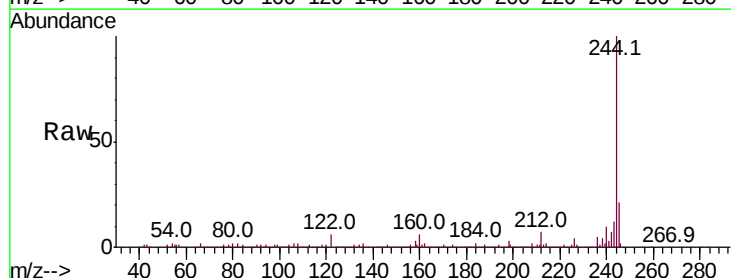
Tgt Ion:244 Resp: 394830

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

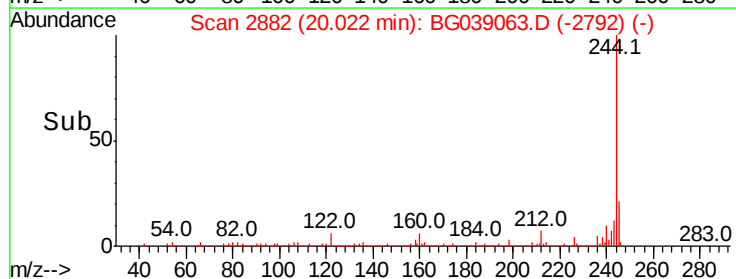
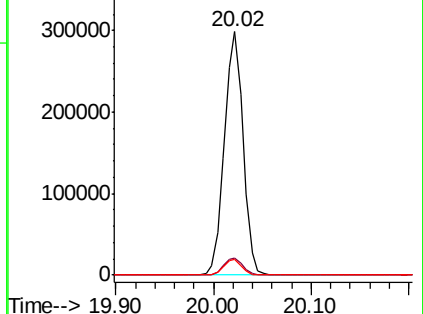
122 6.4 6.1 9.1

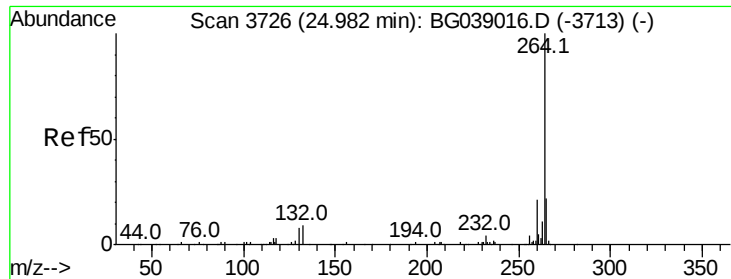


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

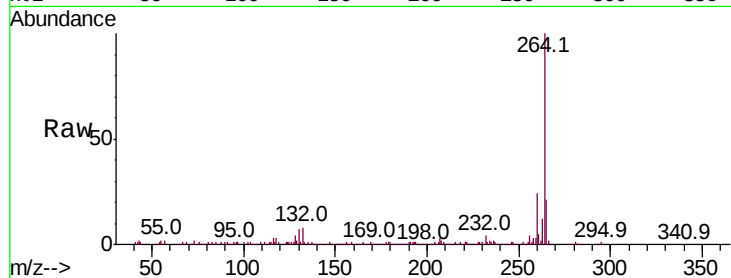




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3725
Delta R.T. -0.01 min
Lab File: BG039063.D
Acq: 10 Jan 2019 21:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.0	25.6
265	21.3	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

