

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
 Data File : BG039191.D
 Acq On : 17 Jan 2019 18:01
 Operator : JU/SJ
 Sample : K1139-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T-CONTAINMENT

Quant Time: Jan 18 04:12:52 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

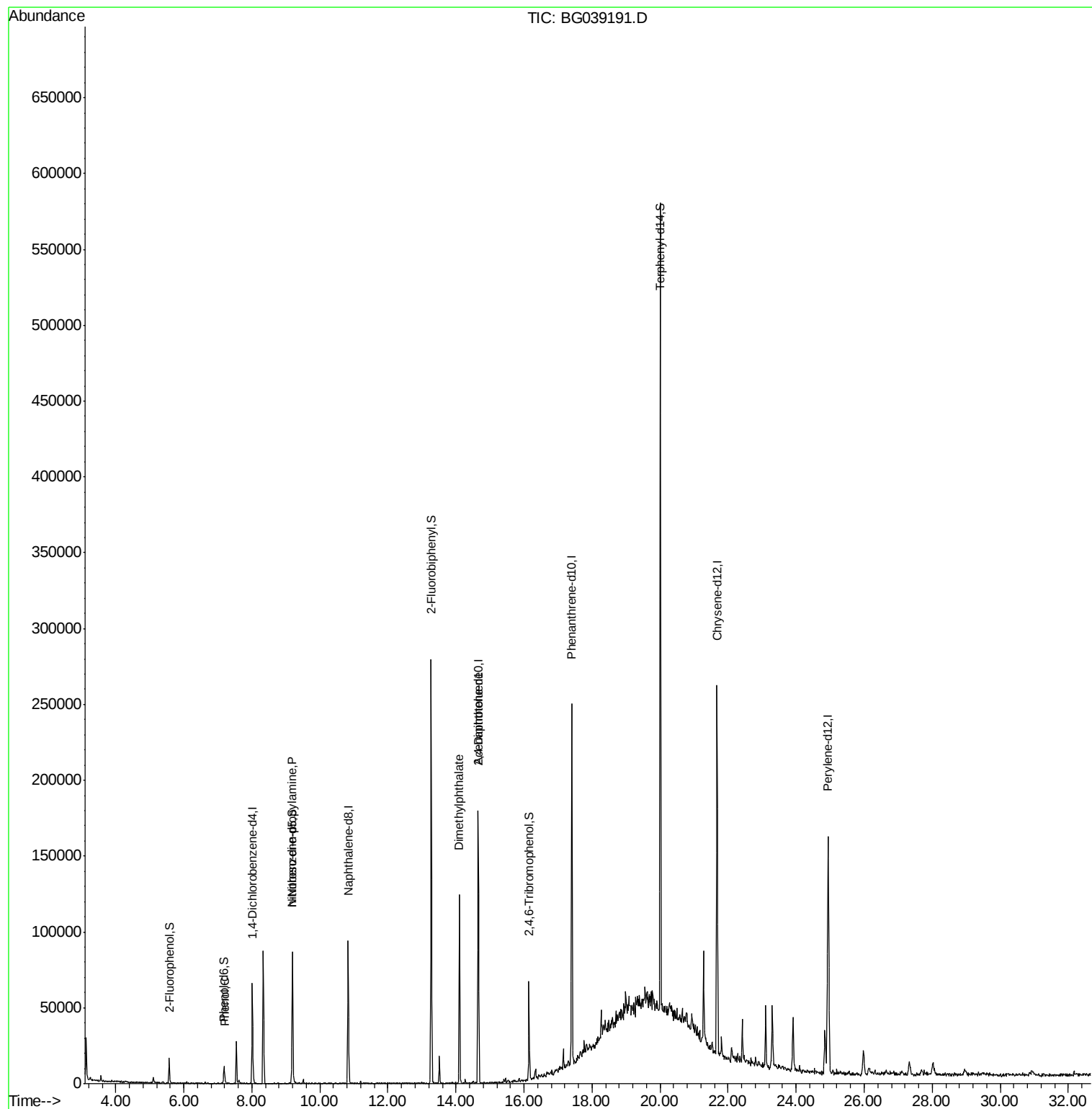
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	20231	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	89901	20.00	ng	-0.02
39) Acenaphthene-d10	14.65	164	66768	20.00	ng	-0.02
64) Phenanthrene-d10	17.40	188	158835	20.00	ng	-0.02
76) Chrysene-d12	21.68	240	159298	20.00	ng	-0.03
87) Perylene-d12	24.94	264	192751	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	8748	8.20	ng	-0.01
7) Phenol-d6	7.17	99	7198	4.69	ng	-0.02
23) Nitrobenzene-d5	9.19	82	56817	34.58	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	14746	13.18	ng	-0.02
45) 2-Fluorobiphenyl	13.27	172	158824	32.55	ng	-0.02
79) Terphenyl-d14	20.01	244	264262	30.69	ng	-0.02
Target Compounds						
10) Phenol	7.20	94	4096	2.662	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	9.19	70	7108	7.052	ng	# 70
50) Dimethylphthalate	14.10	163	89636	15.887	ng	100
57) 2,4-Dinitrotoluene	14.65	165	8773	4.848	ng	# 26

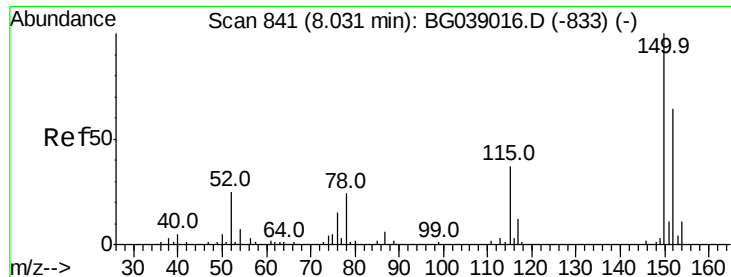
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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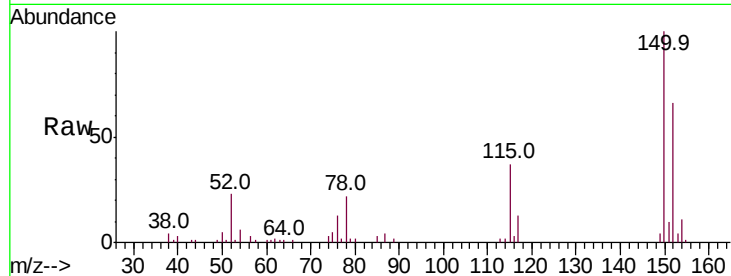


#1

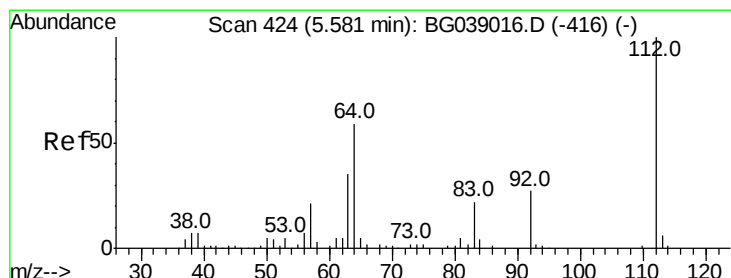
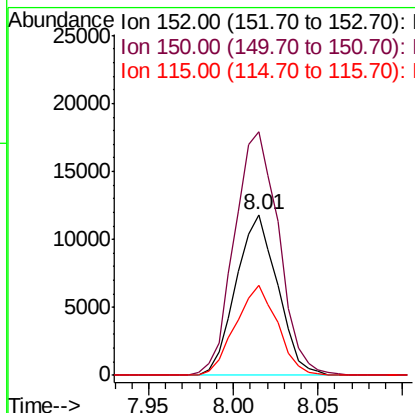
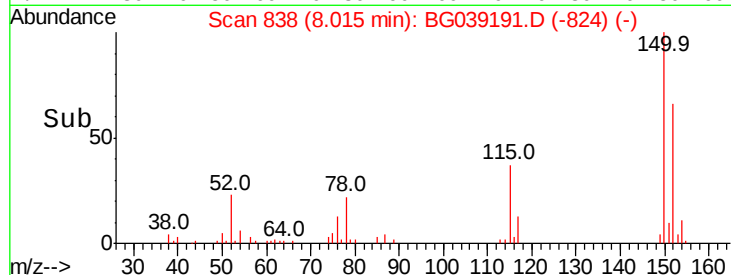
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.02 min
Lab File: BG039191.D
Acq: 17 Jan 2019 18:01

Instrument :
BNA_G
ClientSampleId :
T-CONTAINMENT

Tot Ion:152 Resp: 20231
Ion Ratio Lower Upper
152 100
150 151.7 124.7 187.1
115 55.9 46.5 69.7



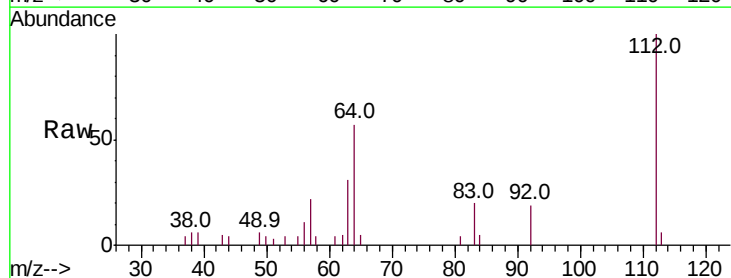
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



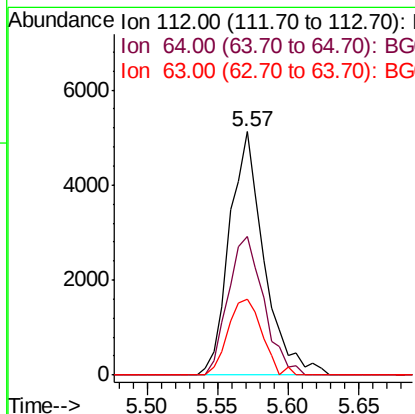
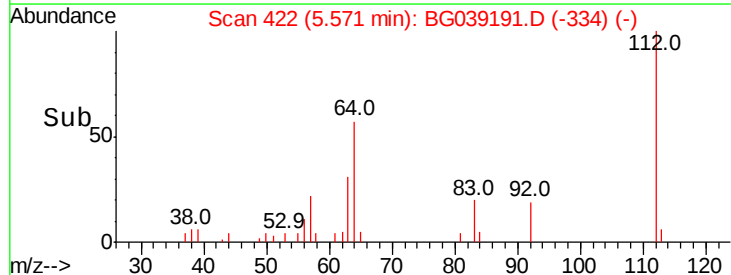
#5

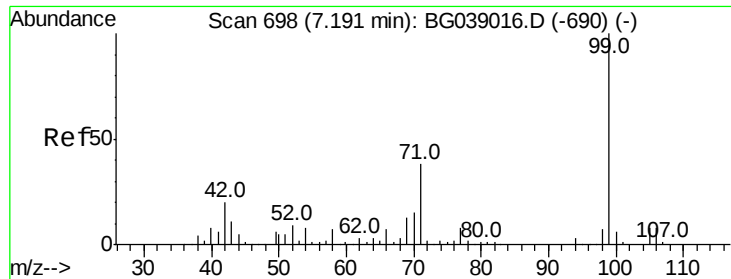
2-Fluorophenol
Concen: 8.203 ng
RT: 5.57 min Scan# 422
Delta R.T. -0.01 min
Lab File: BG039191.D
Acq: 17 Jan 2019 18:01

Tgt Ion:112 Resp: 8748
Ion Ratio Lower Upper
112 100
64 56.8 47.0 70.6
63 31.0 28.0 42.0



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: 4.690 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.02 min

Lab File: BG039191.D

Acq: 17 Jan 2019 18:01

Instrument :

BNA_G

ClientSampleId :

T-CONTAINMENT

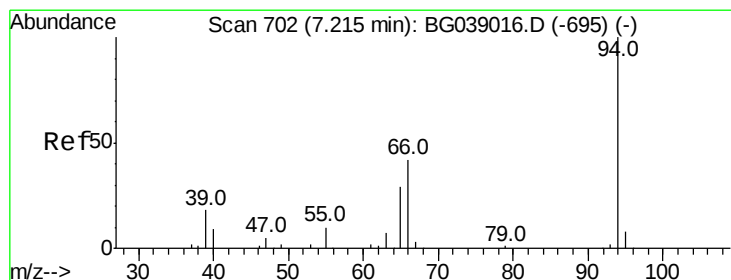
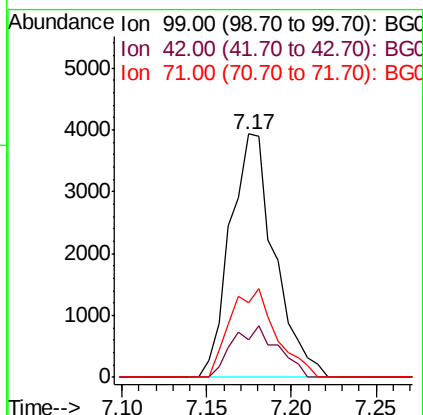
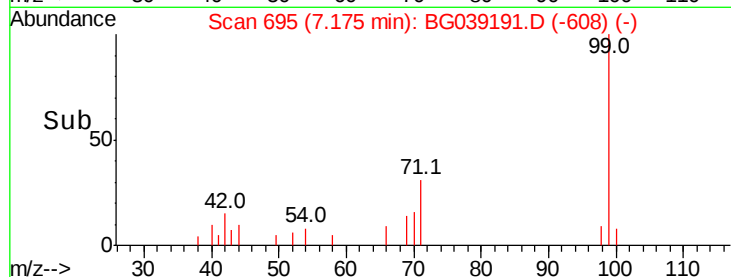
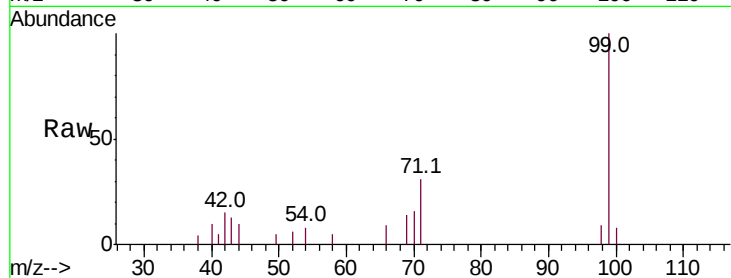
Tot Ion: 99 Resp: 7198

Ion Ratio Lower Upper

99 100

42 15.5 15.8 23.6#

71 30.7 30.2 45.4



#10

Phenol

Concen: 2.662 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG039191.D

Acq: 17 Jan 2019 18:01

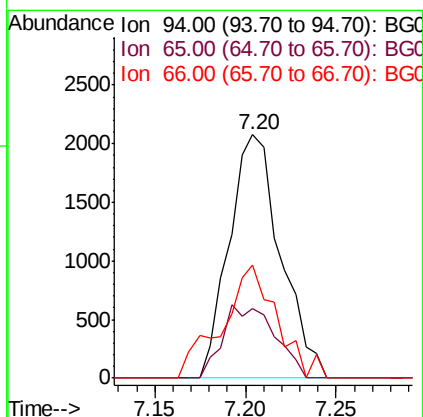
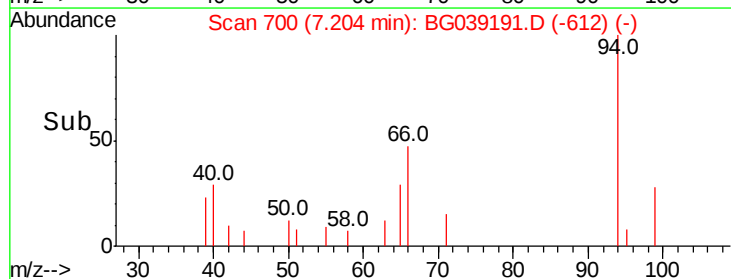
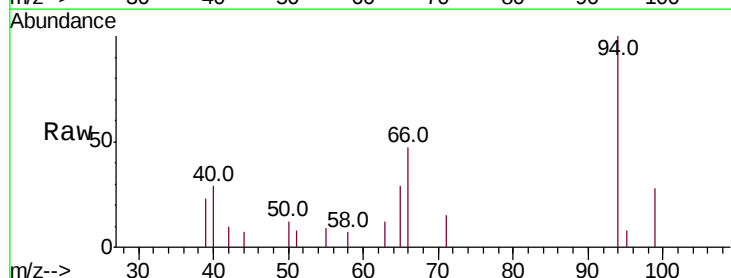
Tgt Ion: 94 Resp: 4096

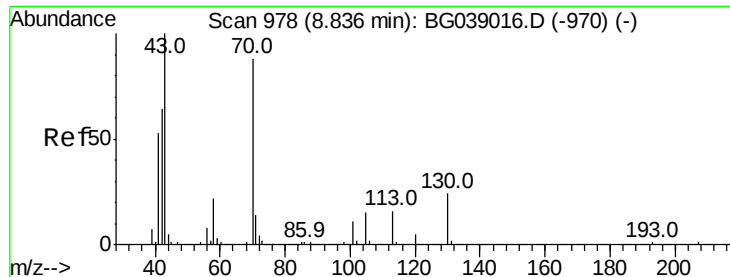
Ion Ratio Lower Upper

94 100

65 28.6 10.3 50.3

66 46.5 25.1 65.1

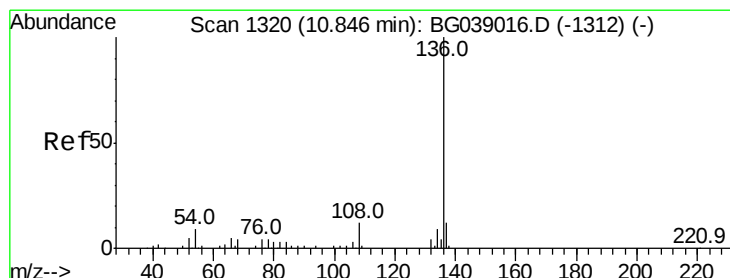
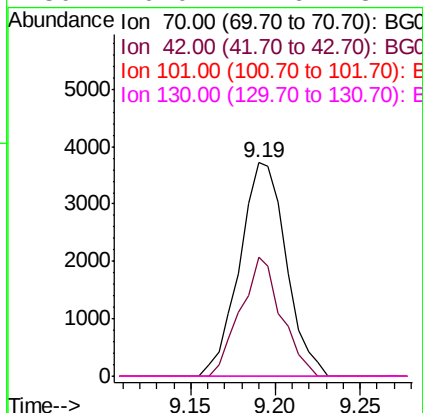
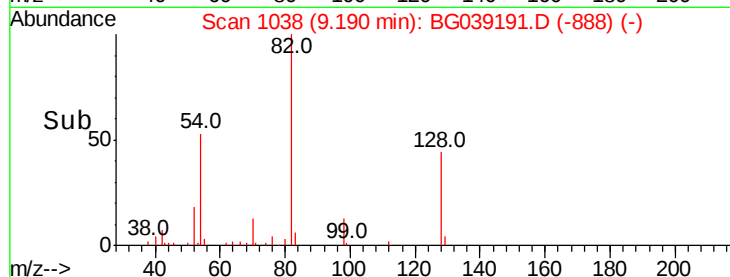
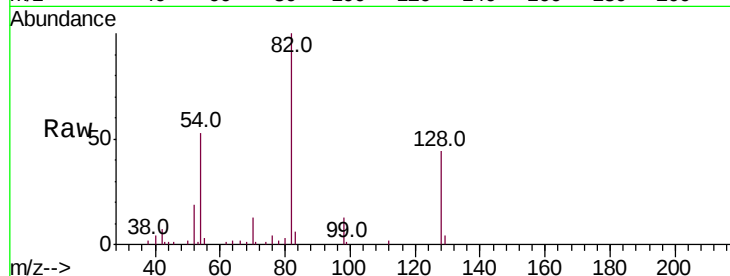




#19
n-Nitroso-di-n-propylamine
Concen: 7.052 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.35 min
Lab File: BG039191.D
Acq: 17 Jan 2019 18:01

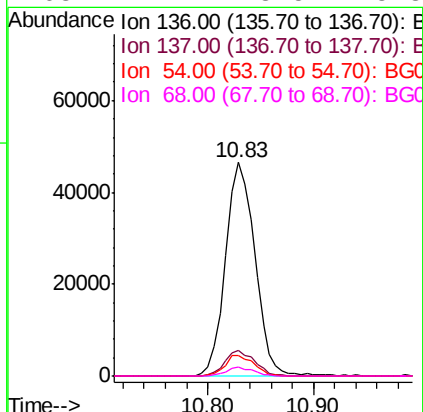
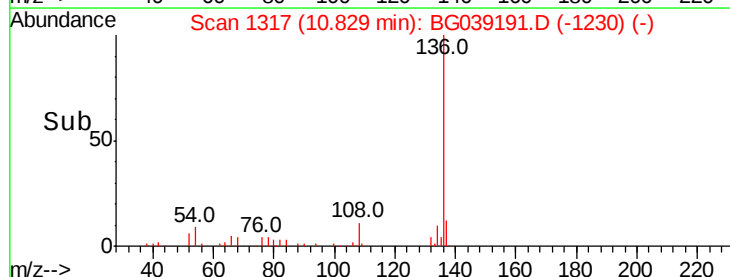
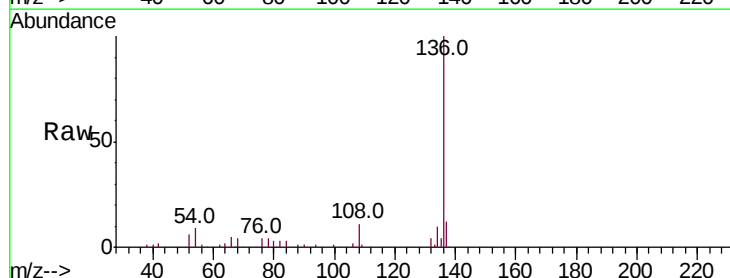
Instrument :
BNA_G
ClientSampleId :
T-CONTAINMENT

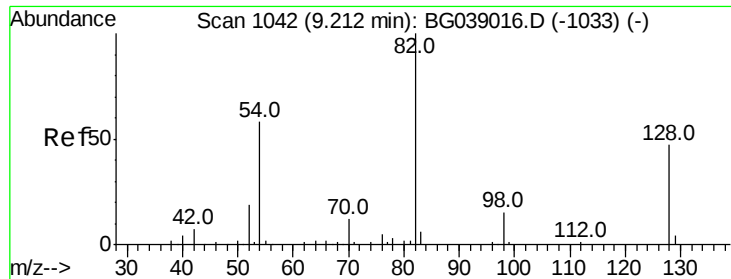
Tot Ion: 70 Resp: 7108
Ion Ratio Lower Upper
70 100
42 55.8 59.0 88.4#
101 0.0 10.4 15.6#
130 0.0 21.6 32.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BG039191.D
Acq: 17 Jan 2019 18:01

Tgt Ion: 136 Resp: 89901
Ion Ratio Lower Upper
136 100
137 11.9 9.4 14.2
54 9.4 7.2 10.8
68 4.2 3.5 5.3

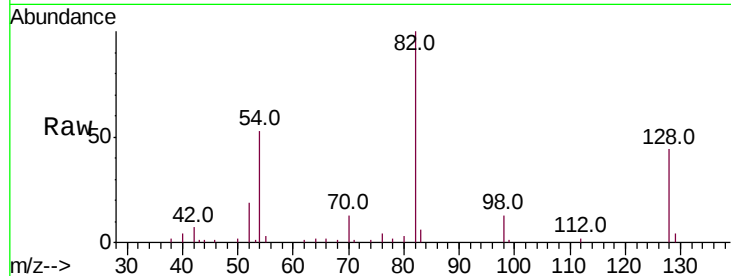




#23
 Nitrobenzene-d5
 Concen: 34.582 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BG039191.D
 Acq: 17 Jan 2019 18:01

Instrument :
 BNA_G
 ClientSampleId :
 T-CONTAINMENT

Tot Ion	82	Resp	56817
Ion Ratio	Lower	Upper	
82	100		
128	43.9	37.3	55.9
54	52.8	46.4	69.6

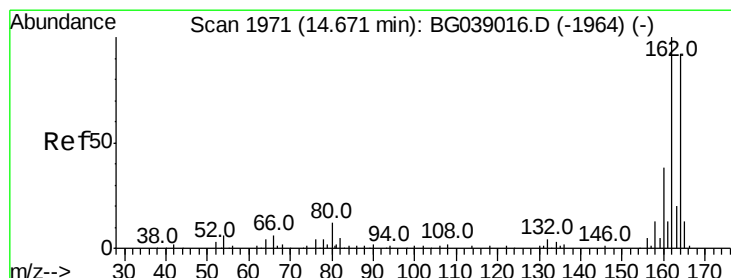
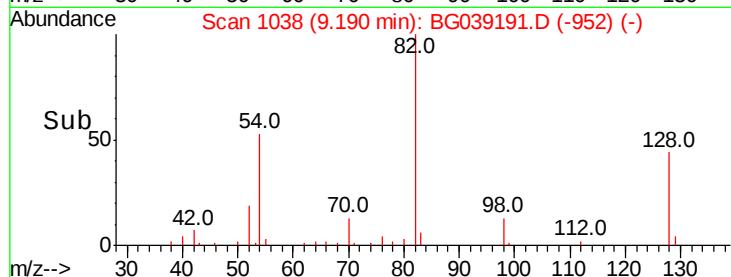
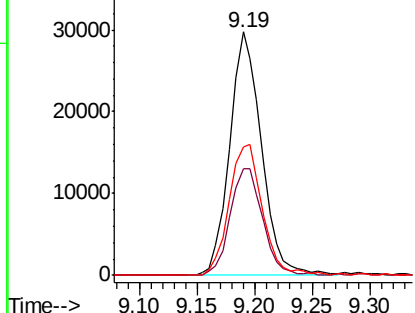


Abundance

Ion 82.00 (81.70 to 82.70): BGC

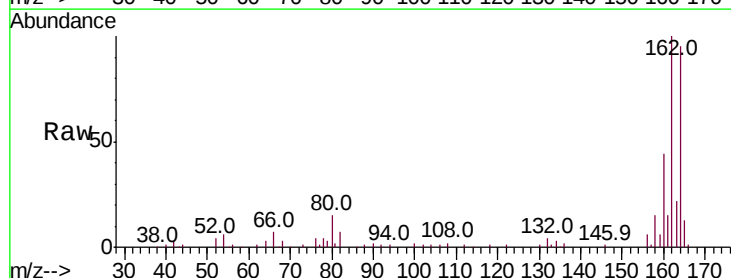
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.02 min
 Lab File: BG039191.D
 Acq: 17 Jan 2019 18:01

Tgt Ion	164	Resp	66768
Ion Ratio	Lower	Upper	
164	100		
162	104.9	87.2	130.8
160	46.7	33.3	49.9

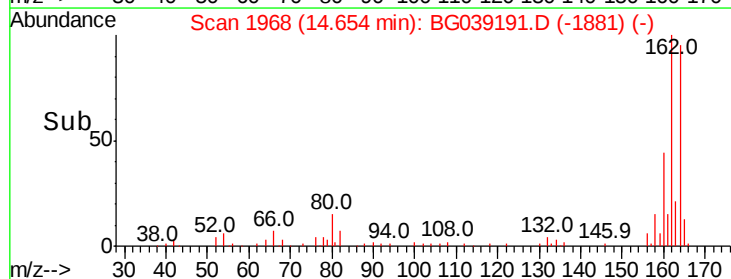
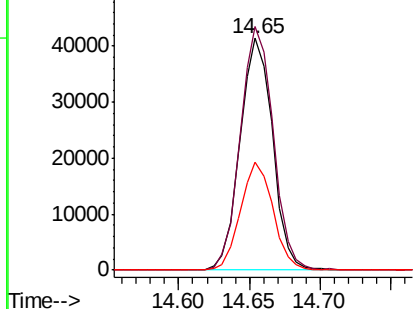


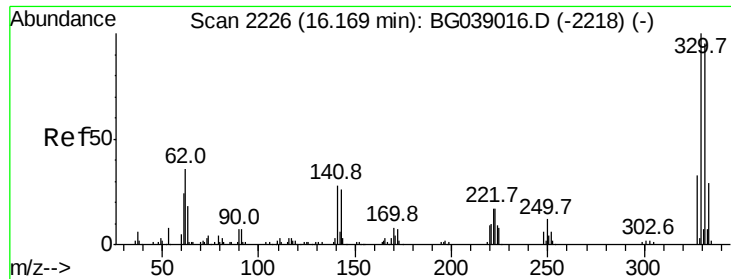
Abundance

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

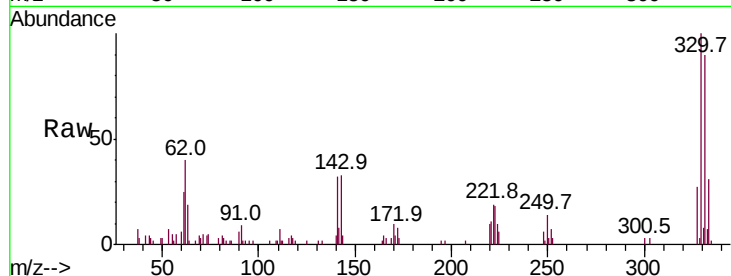




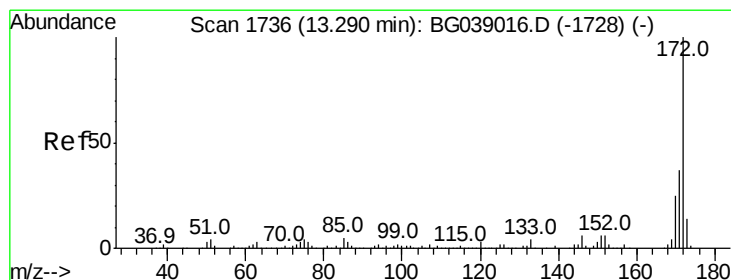
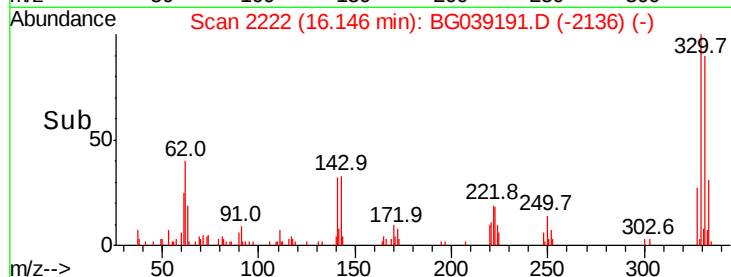
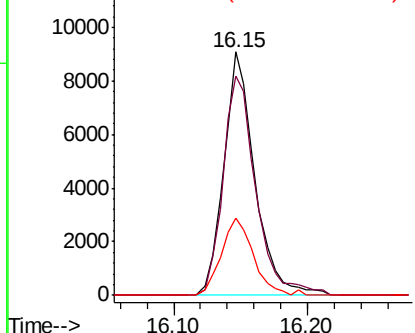
#42
 2,4,6-Tribromophenol
 Concen: 13.175 ng
 RT: 16.15 min Scan# 2222
 Delta R.T. -0.02 min
 Lab File: BG039191.D
 Acq: 17 Jan 2019 18:01

Instrument :
 BNA_G
 ClientSampleId :
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Tot Ion:330 Resp: 14746
 Ion Ratio Lower Upper
 330 100
 332 95.3 75.7 113.5
 141 32.5 24.9 37.3

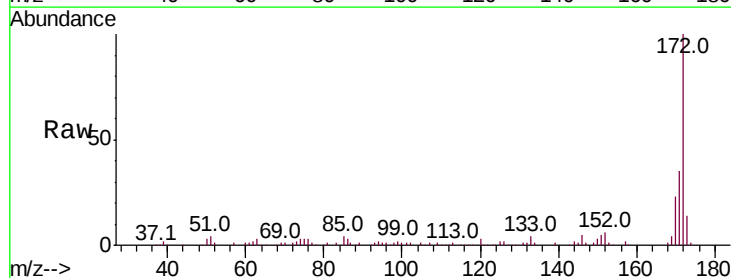


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

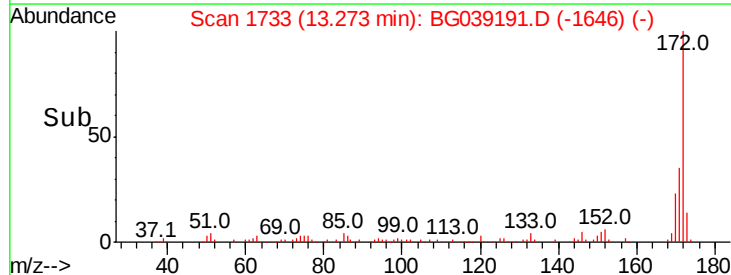
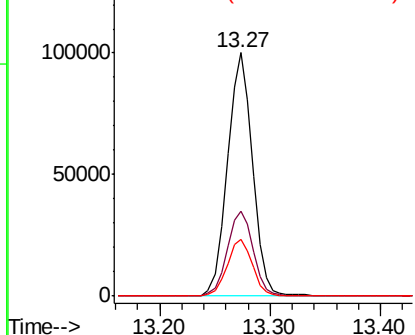


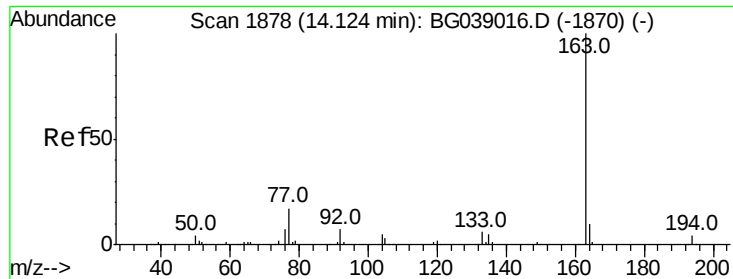
#45
 2-Fluorobiphenyl
 Concen: 32.555 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.02 min
 Lab File: BG039191.D
 Acq: 17 Jan 2019 18:01

Tgt Ion:172 Resp: 158824
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.4 44.0
 170 23.1 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: 15.887 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.02 min

Lab File: BG039191.D

Acq: 17 Jan 2019 18:01

Instrument :

BNA_G

ClientSampleId :

T-CONTAINMENT

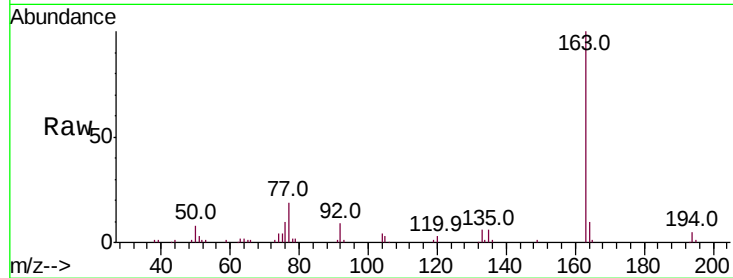
Tot Ion:163 Resp: 89636

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

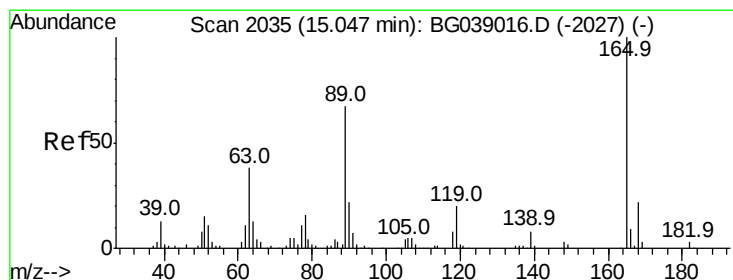
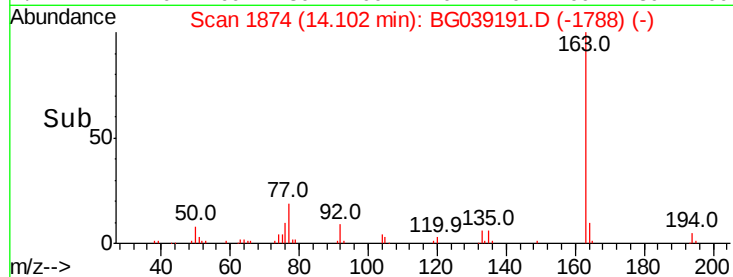
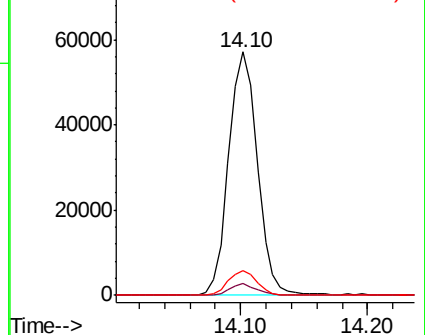
164 10.1 8.2 12.2



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



#57

2,4-Dinitrotoluene

Concen: 4.848 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.39 min

Lab File: BG039191.D

Acq: 17 Jan 2019 18:01

Tgt Ion:165 Resp: 8773

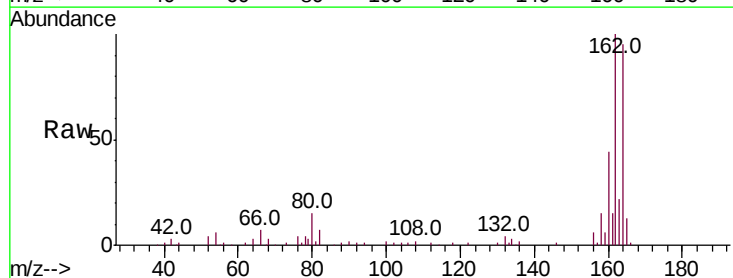
Ion Ratio Lower Upper

165 100

63 0.0 30.2 45.4#

89 0.0 53.2 79.8#

182 0.0 2.7 4.1#

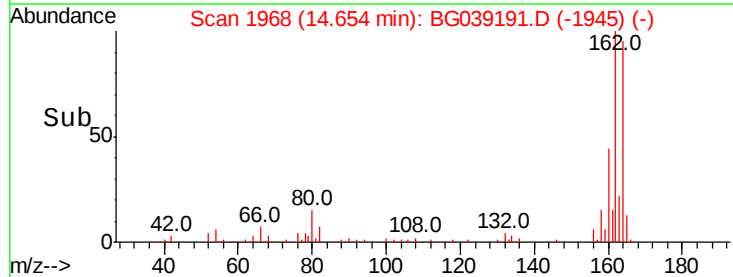
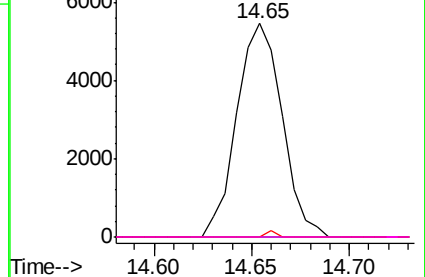


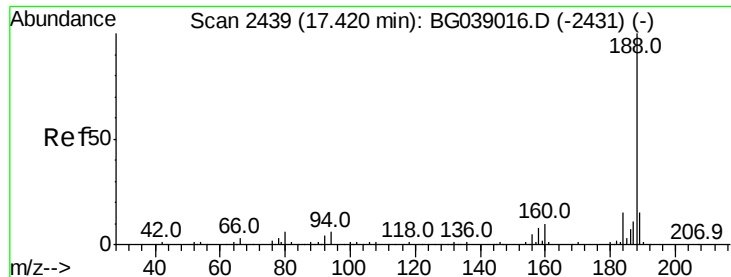
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.40 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BG039191.D

Acq: 17 Jan 2019 18:01

Instrument :

BNA_G

ClientSampleId :

T-CONTAINMENT

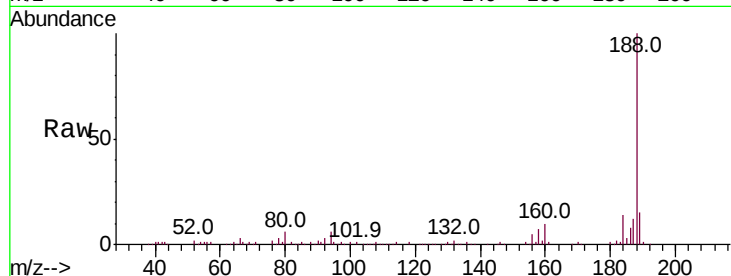
Tot Ion:188 Resp: 158835

Ion Ratio Lower Upper

188 100

94 5.8 5.0 7.4

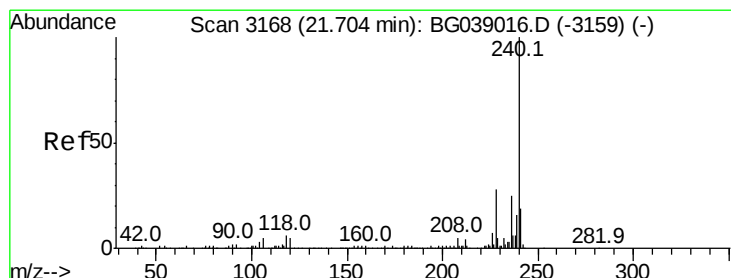
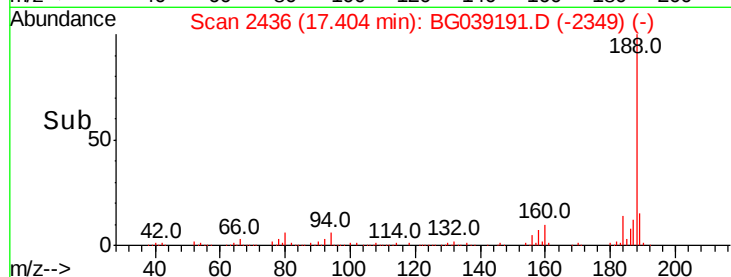
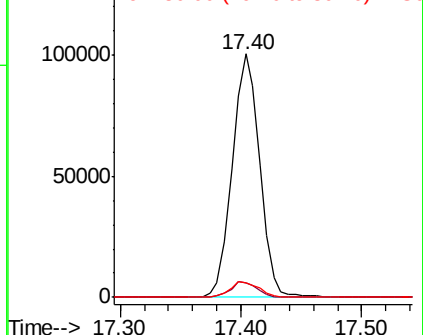
80 5.9 4.7 7.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3163

Delta R.T. -0.03 min

Lab File: BG039191.D

Acq: 17 Jan 2019 18:01

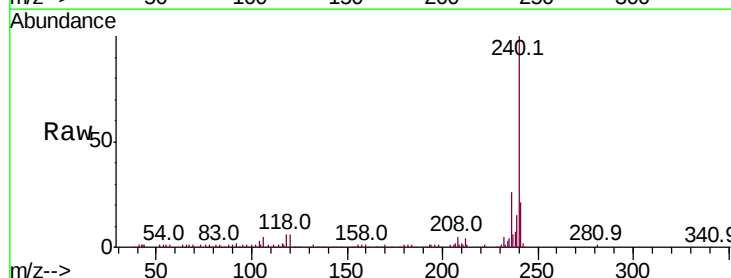
Tgt Ion:240 Resp: 159298

Ion Ratio Lower Upper

240 100

120 6.0 4.3 6.5

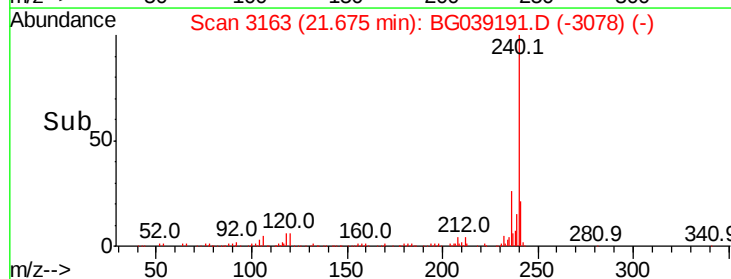
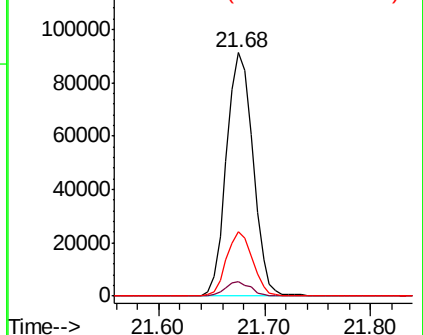
236 26.3 20.1 30.1

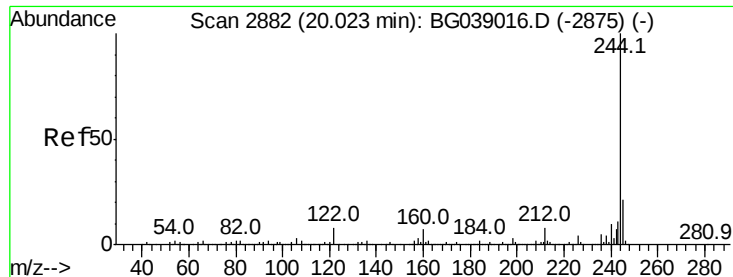


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

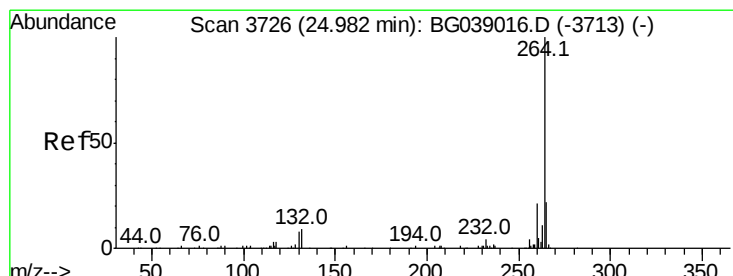
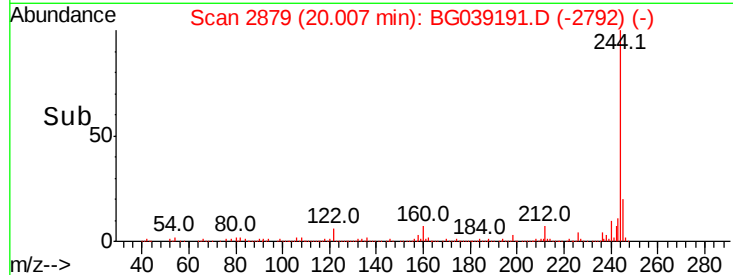
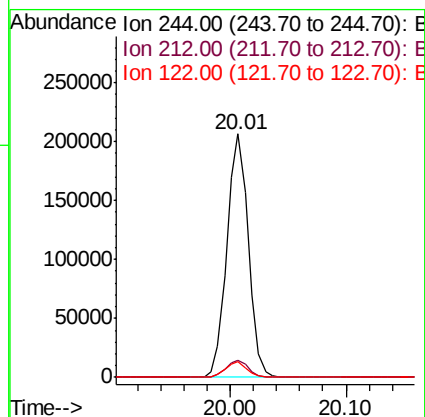
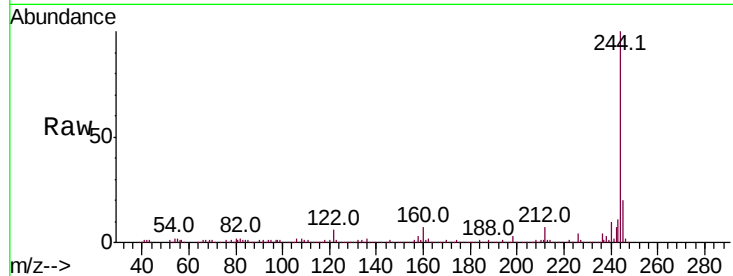




#79
 Terphenyl-d14
 Concen: 30.688 ng
 RT: 20.01 min Scan# 2879
 Delta R.T. -0.02 min
 Lab File: BG039191.D
 Acq: 17 Jan 2019 18:01

Instrument :
 BNA_G
 ClientSampleId :
 T-CONTAINMENT

Tot Ion:244 Resp: 264262
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 6.4 6.1 9.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.94 min Scan# 3719
 Delta R.T. -0.04 min
 Lab File: BG039191.D
 Acq: 17 Jan 2019 18:01

Tgt Ion:264 Resp: 192751
 Ion Ratio Lower Upper
 264 100
 260 21.1 17.0 25.6
 265 20.6 17.2 25.8

