

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011419\
 Data File : BG039122.D
 Acq On : 14 Jan 2019 15:48
 Operator : JU/SJ
 Sample : K1128-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200053

Quant Time: Jan 14 22:38:34 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

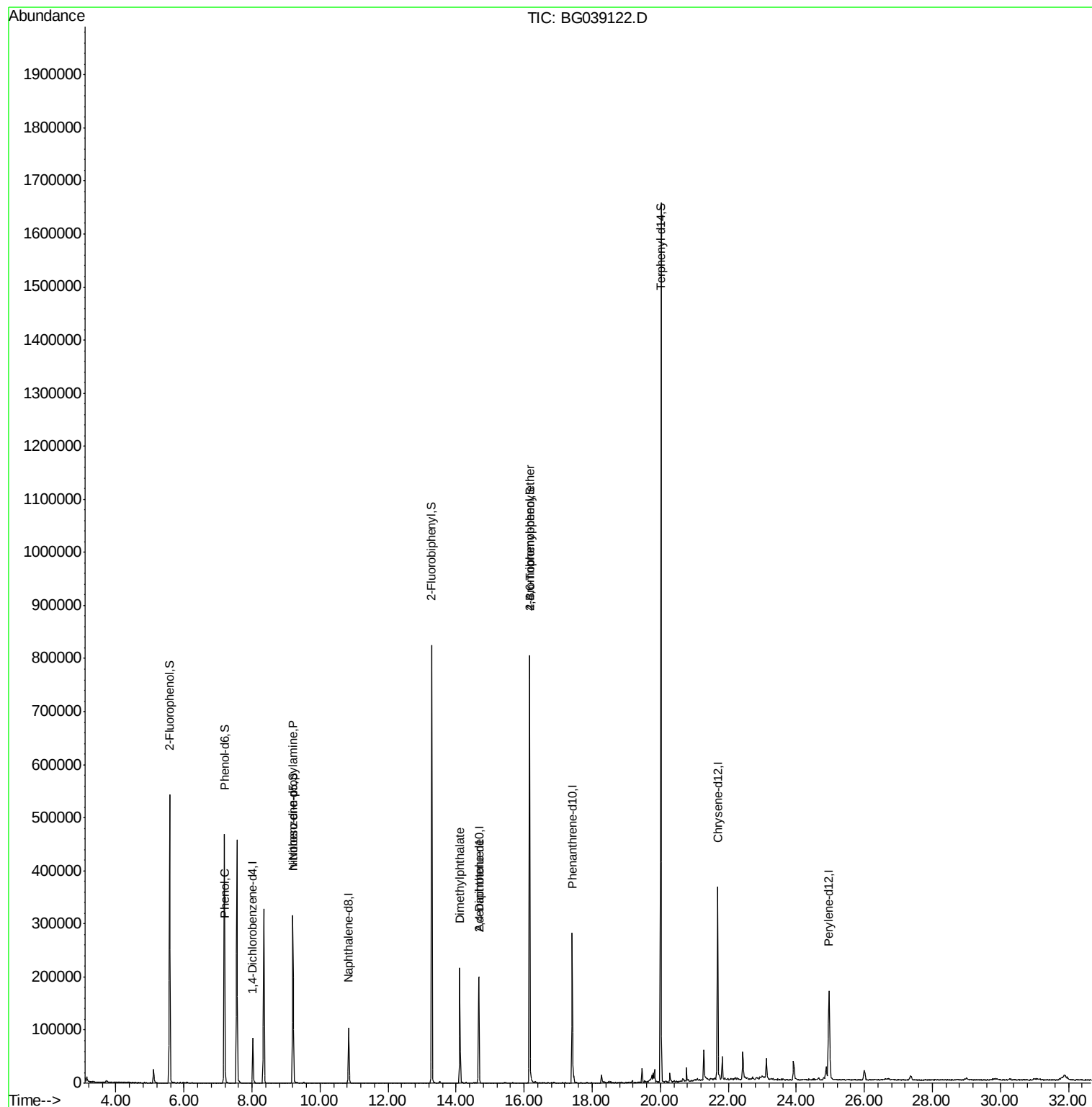
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	25039	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	96447	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	76905	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	189639	20.00	ng	0.00
76) Chrysene-d12	21.69	240	228815	20.00	ng	-0.01
87) Perylene-d12	24.97	264	215655	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	255443	193.53	ng	0.00
7) Phenol-d6	7.19	99	278527	146.63	ng	0.00
23) Nitrobenzene-d5	9.20	82	193573	109.82	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	182708	141.73	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	466652	83.04	ng	0.00
79) Terphenyl-d14	20.02	244	868048	70.18	ng	0.00
Target Compounds						
10) Phenol	7.21	94	5313	2.790	ng	# 58
19) n-Nitroso-di-n-propylamine	9.21	70	25336	20.311	ng	# 62
50) Dimethylphthalate	14.11	163	158857	24.444	ng	99
57) 2,4-Dinitrotoluene	14.67	165	9587	4.599	ng	# 26
67) 4-Bromophenyl-phenylether	16.16	248	11600	4.759	ng	# 1

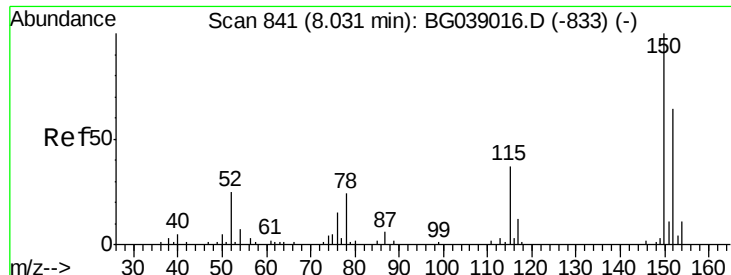
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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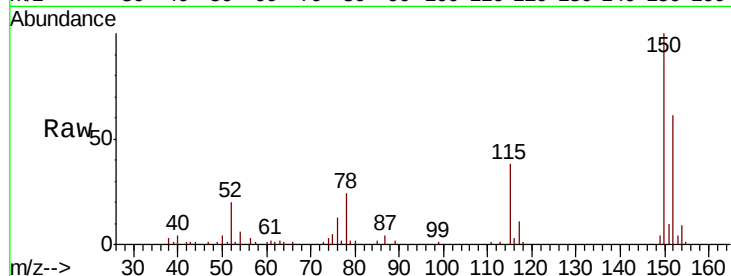


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BG039122.D
 Acq: 14 Jan 2019 15:48

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200053

Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.8	124.7	187.1
115	61.5	46.5	69.7

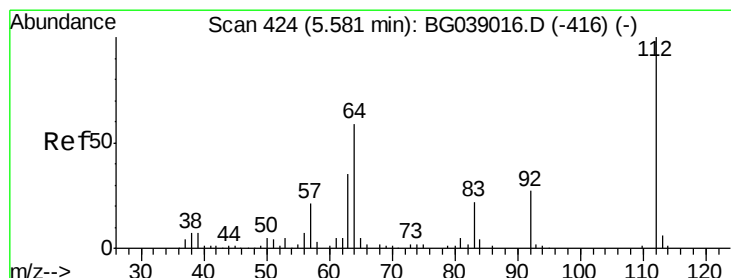
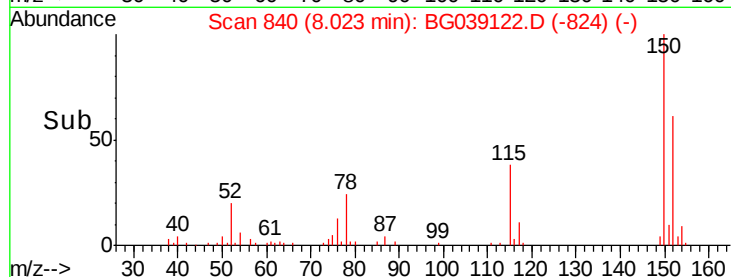
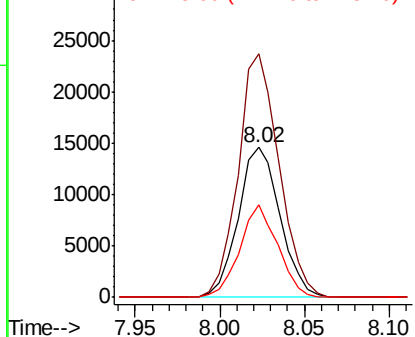


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

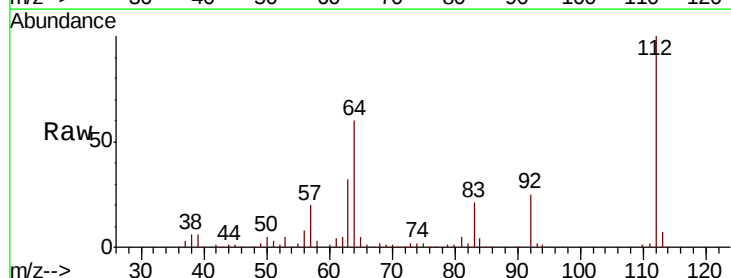
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 193.526 ng
 RT: 5.58 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: BG039122.D
 Acq: 14 Jan 2019 15:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.0	70.6
63	32.0	28.0	42.0

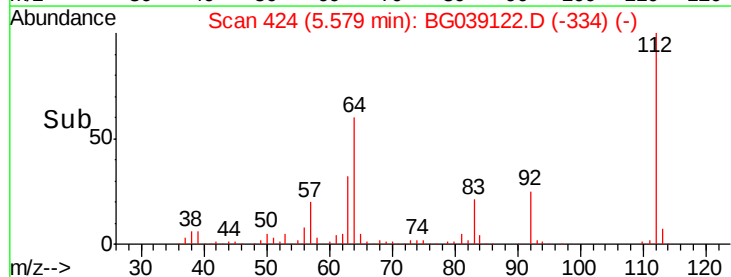
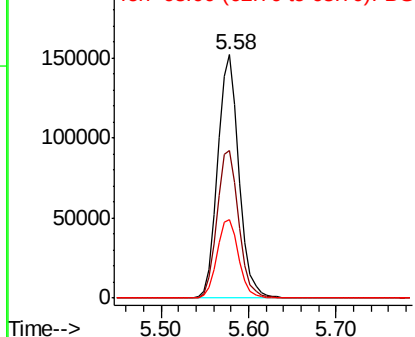


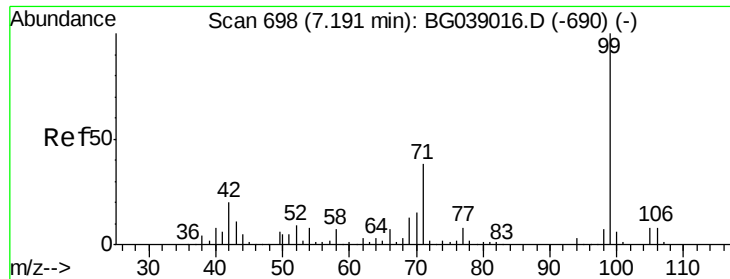
Abundance

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: 146.627 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039122.D

Acq: 14 Jan 2019 15:48

Instrument :

BNA_G

ClientSampleId :

RBR-200053

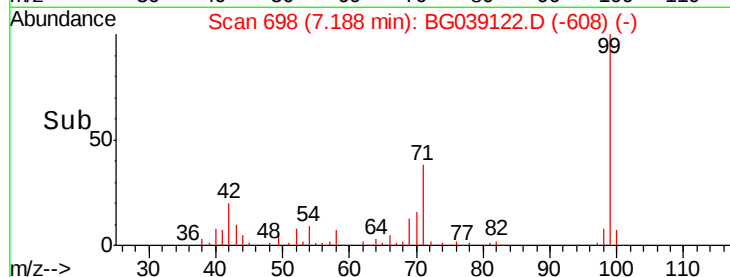
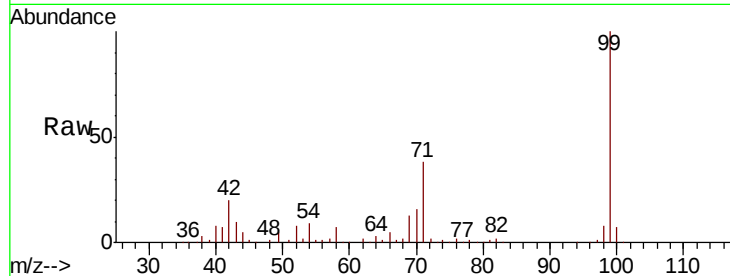
Tgt Ion: 99 Resp: 278527

Ion Ratio Lower Upper

99 100

42 19.7 15.8 23.6

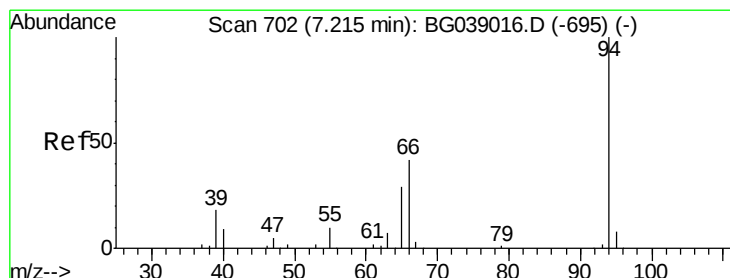
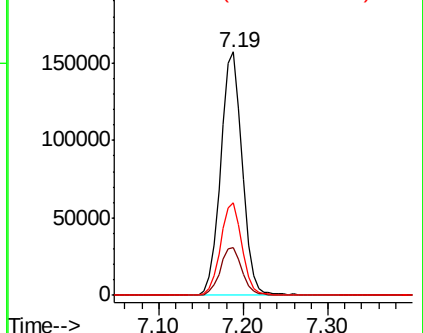
71 37.9 30.2 45.4



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



#10

Phenol

Concen: 2.790 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG039122.D

Acq: 14 Jan 2019 15:48

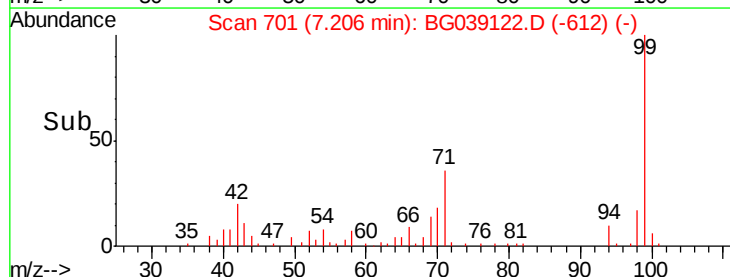
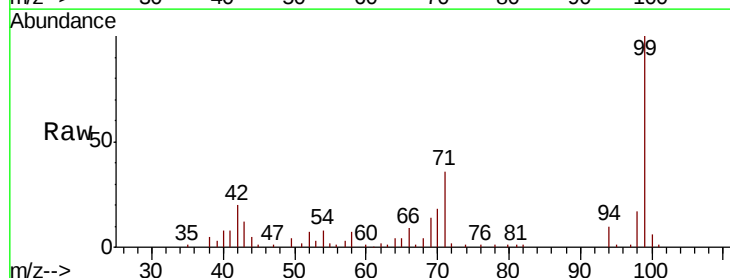
Tgt Ion: 94 Resp: 5313

Ion Ratio Lower Upper

94 100

65 35.2 10.3 50.3

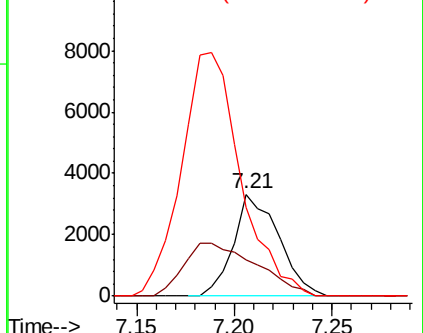
66 86.9 25.1 65.1#

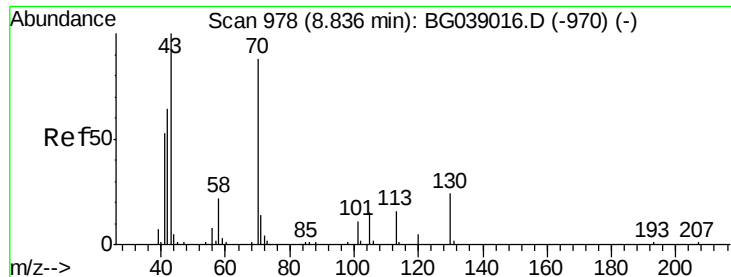


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

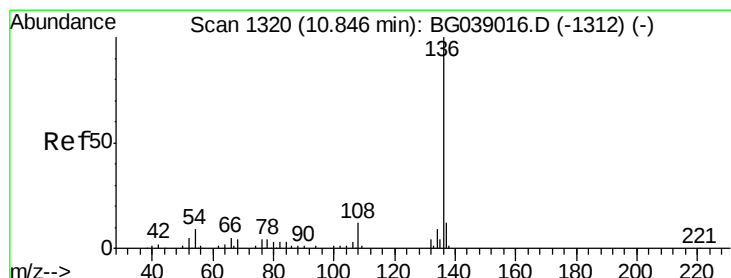
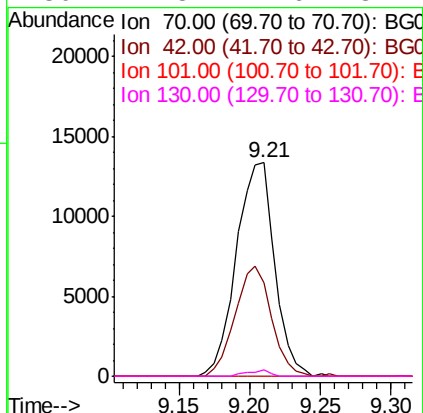
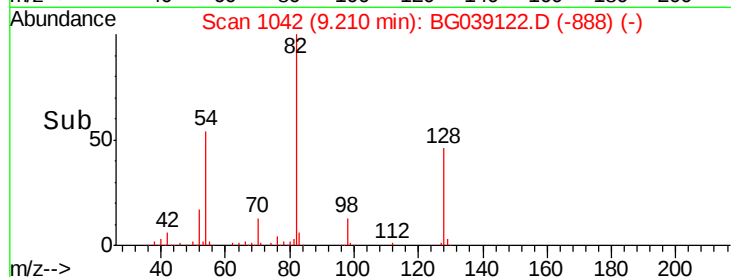
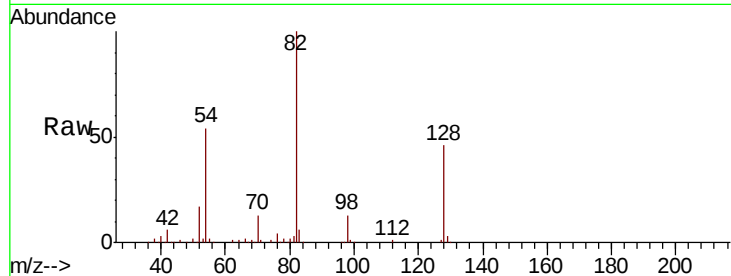




#19
n-Nitroso-di-n-propylamine
Concen: 20.311 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.37 min
Lab File: BG039122.D
Acq: 14 Jan 2019 15:48

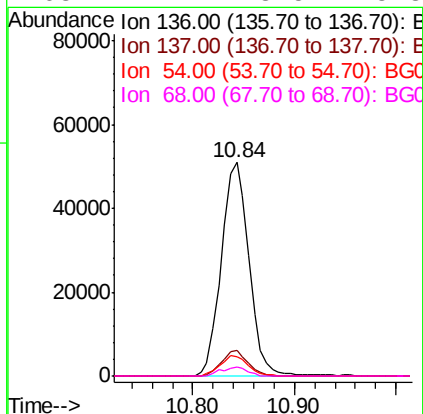
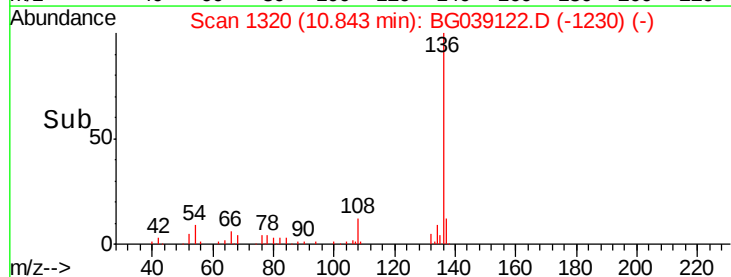
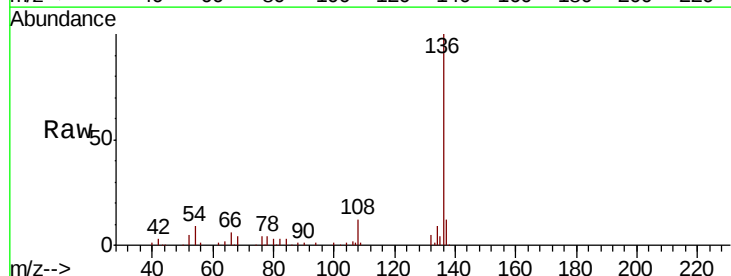
Instrument :
BNA_G
ClientSampled :
RBR-200053

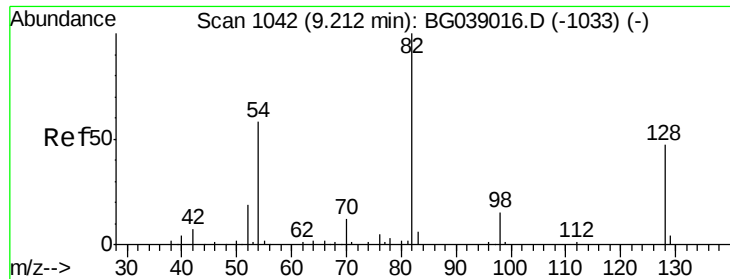
Tgt Ion: 70 Resp: 25336
Ion Ratio Lower Upper
70 100
42 43.9 59.0 88.4#
101 0.0 10.4 15.6#
130 2.8 21.6 32.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039122.D
Acq: 14 Jan 2019 15:48

Tgt Ion: 136 Resp: 96447
Ion Ratio Lower Upper
136 100
137 12.2 9.4 14.2
54 9.2 7.2 10.8
68 4.1 3.5 5.3

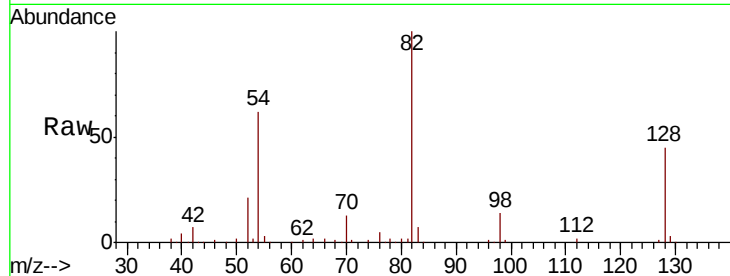




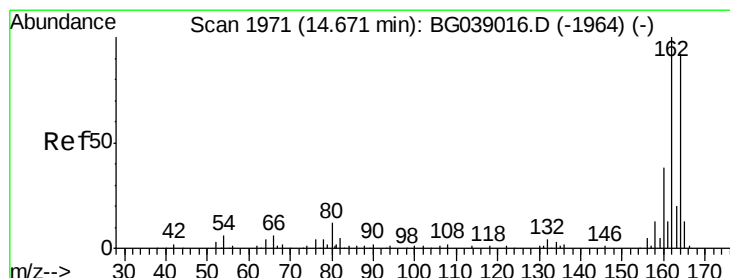
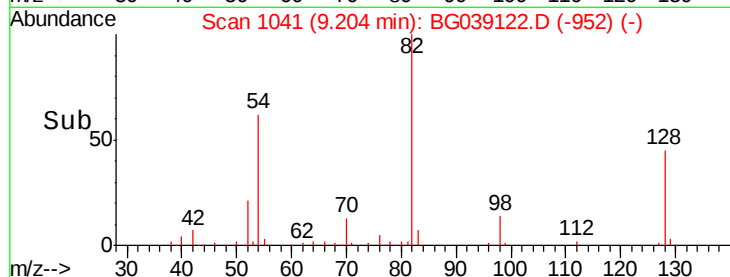
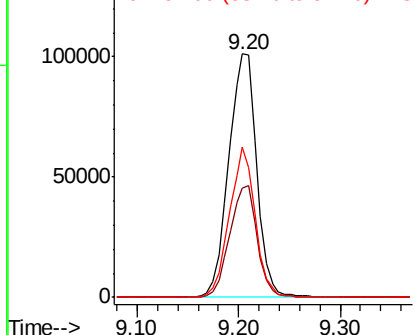
#23
 Nitrobenzene-d5
 Concen: 109.824 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG039122.D
 Acq: 14 Jan 2019 15:48

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200053

Tgt Ion: 82 Resp: 193573
 Ion Ratio Lower Upper
 82 100
 128 44.6 37.3 55.9
 54 61.8 46.4 69.6

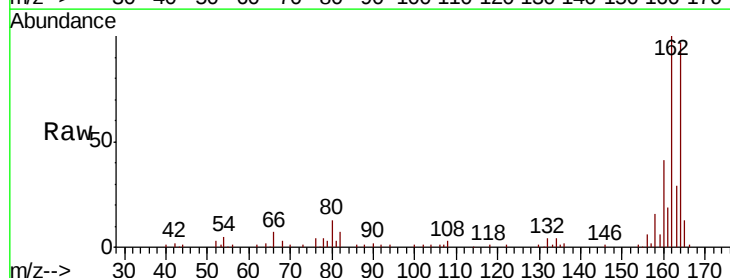


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

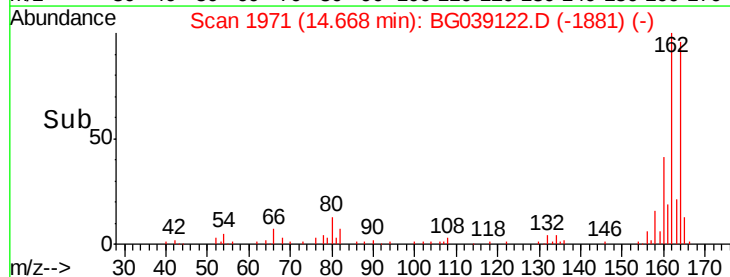
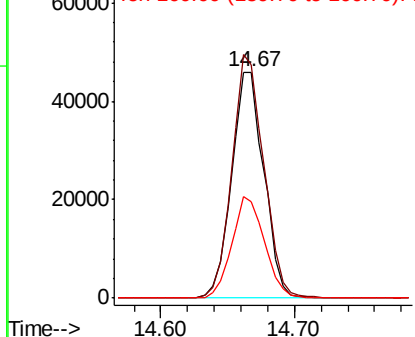


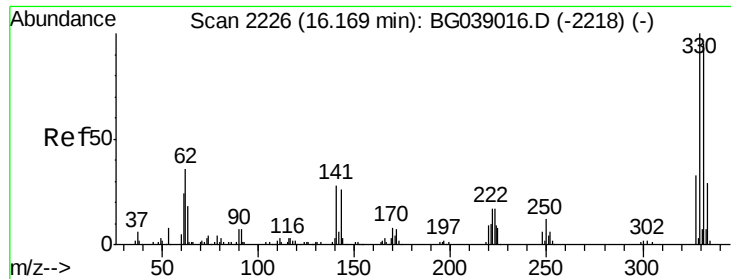
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG039122.D
 Acq: 14 Jan 2019 15:48

Tgt Ion: 164 Resp: 76905
 Ion Ratio Lower Upper
 164 100
 162 103.0 87.2 130.8
 160 42.5 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: 141.729 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039122.D

Acq: 14 Jan 2019 15:48

Instrument :

BNA_G

ClientSampleId :

RBR-200053

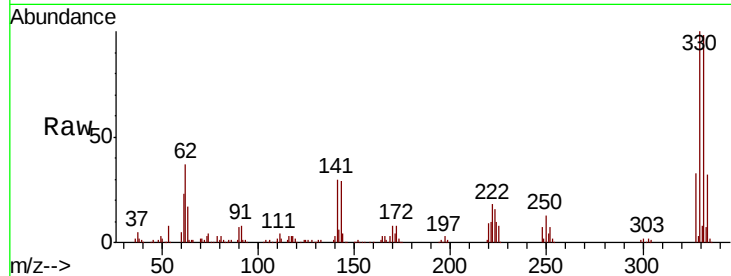
Tgt Ion:330 Resp: 182708

Ion Ratio Lower Upper

330 100

332 94.4 75.7 113.5

141 30.0 24.9 37.3

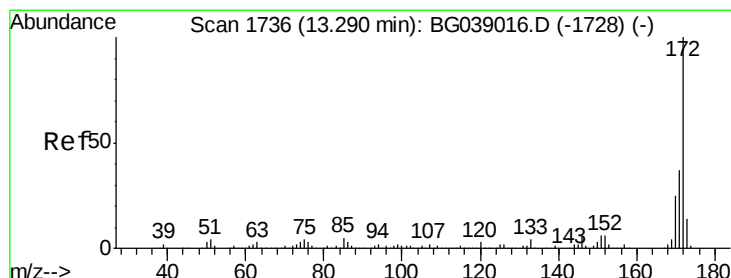
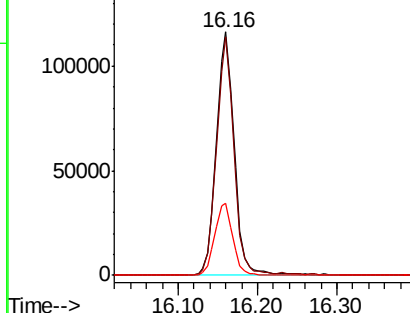
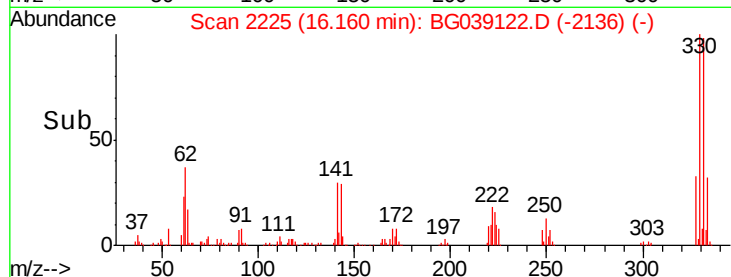


Abundance

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: 83.043 ng

RT: 13.29 min Scan# 1736

Delta R.T. -0.00 min

Lab File: BG039122.D

Acq: 14 Jan 2019 15:48

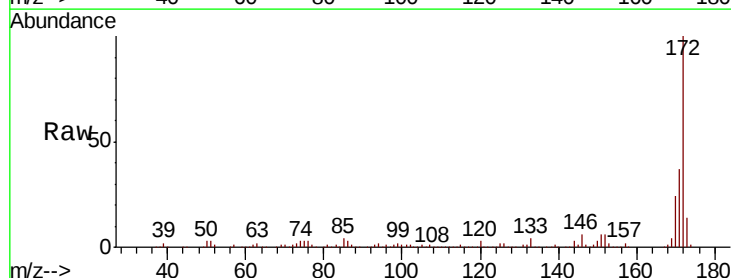
Tgt Ion:172 Resp: 466652

Ion Ratio Lower Upper

172 100

171 37.1 29.4 44.0

170 24.1 20.1 30.1

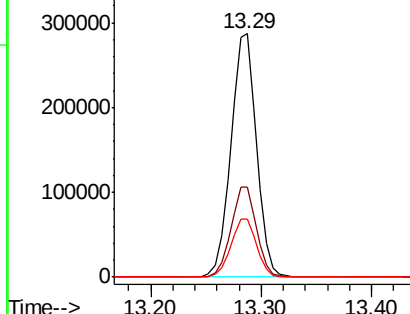
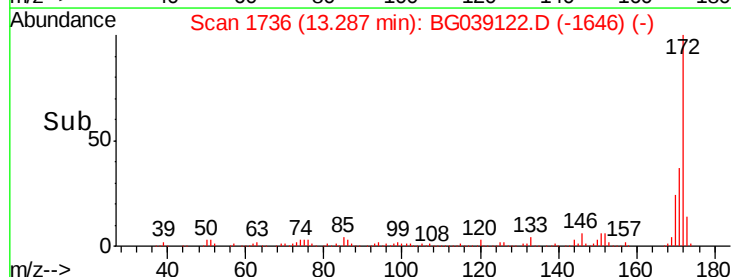


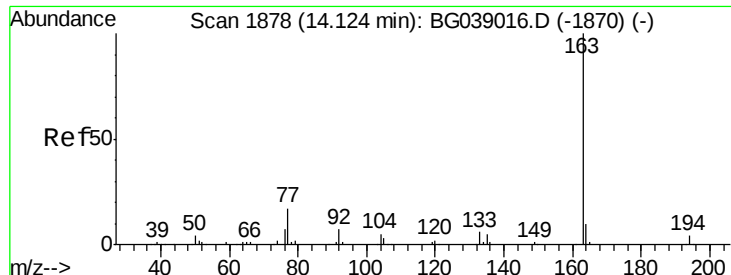
Abundance

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: 24.444 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG039122.D

Acq: 14 Jan 2019 15:48

Instrument :

BNA_G

ClientSampleId :

RBR-200053

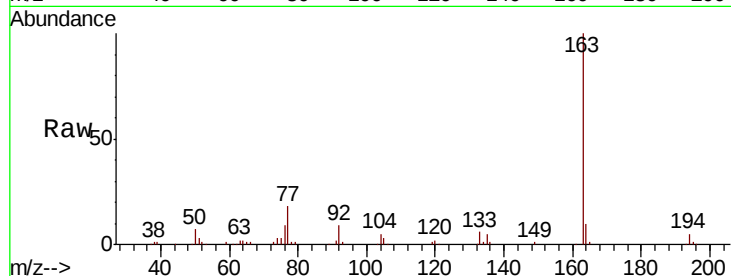
Tgt Ion:163 Resp: 158857

Ion Ratio Lower Upper

163 100

194 5.1 3.6 5.4

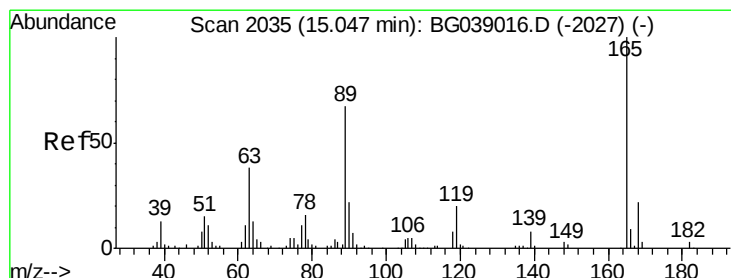
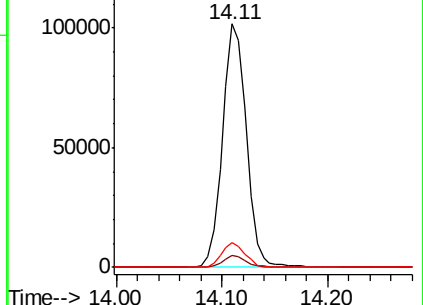
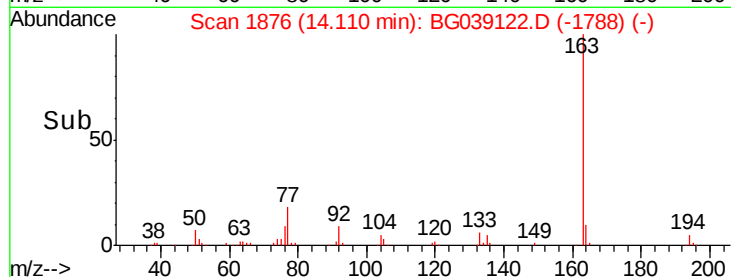
164 10.1 8.2 12.2



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: 4.599 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.38 min

Lab File: BG039122.D

Acq: 14 Jan 2019 15:48

Tgt Ion:165 Resp: 9587

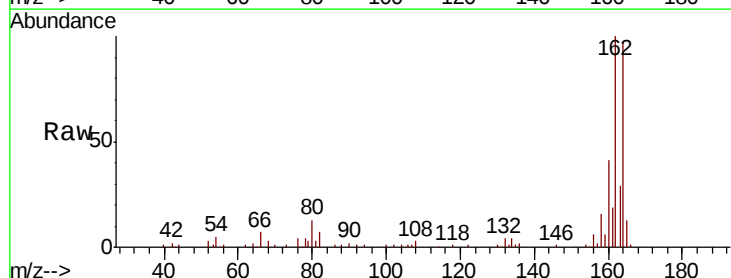
Ion Ratio Lower Upper

165 100

63 0.0 30.2 45.4#

89 0.0 53.2 79.8#

182 0.0 2.7 4.1#

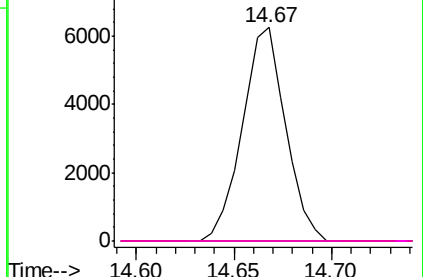
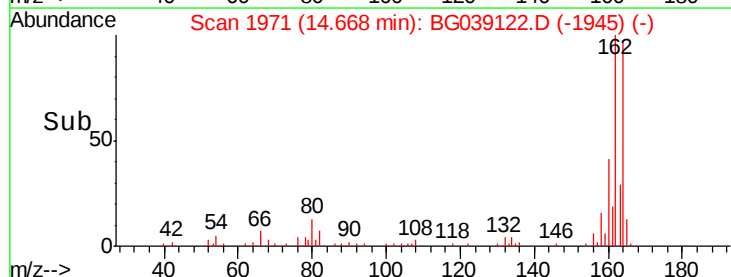


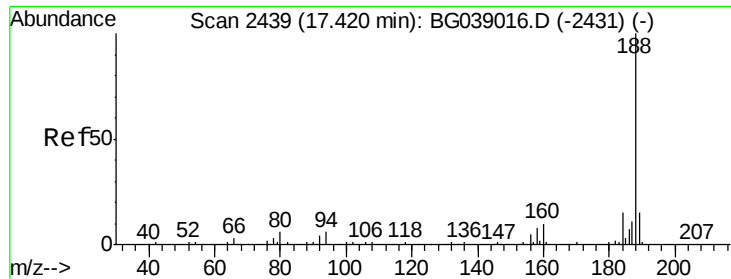
Abundance Ion 165.00 (164.70 to 165.70): E

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

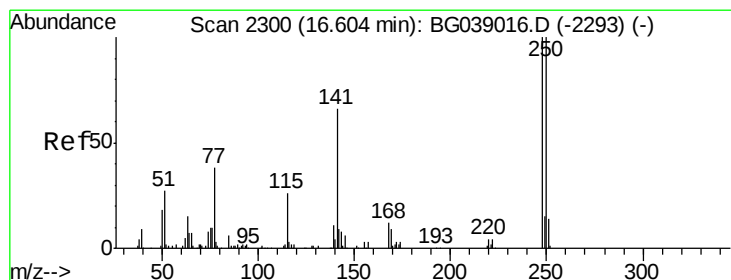
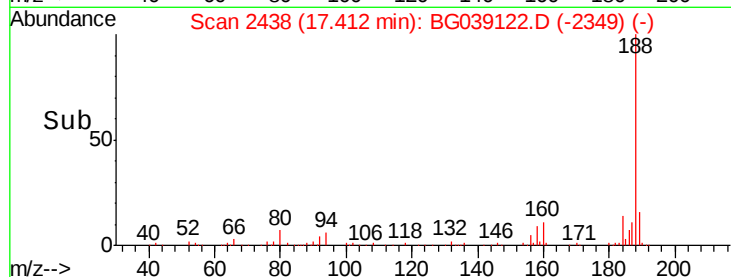
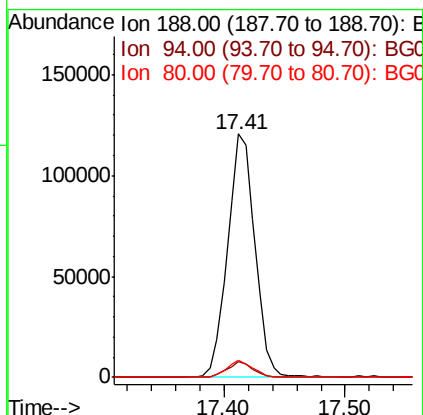
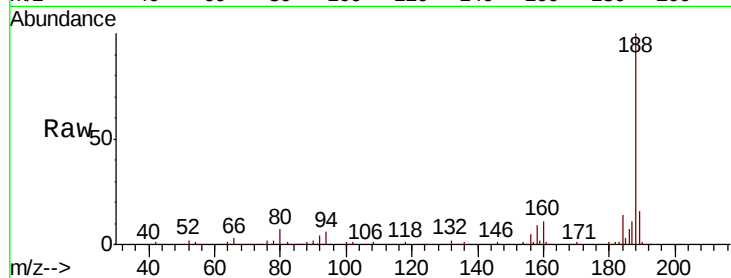




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG039122.D
Acq: 14 Jan 2019 15:48

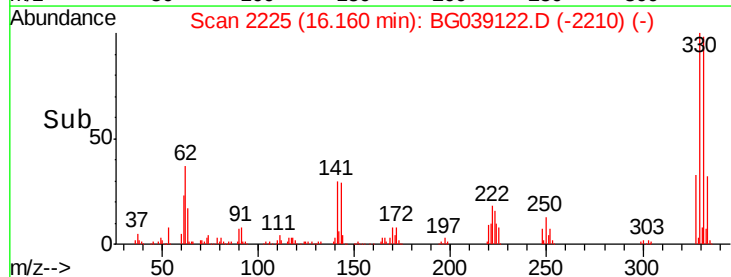
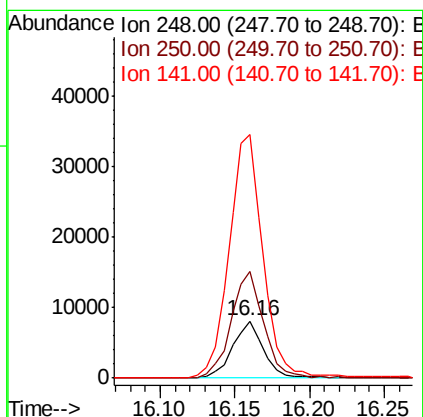
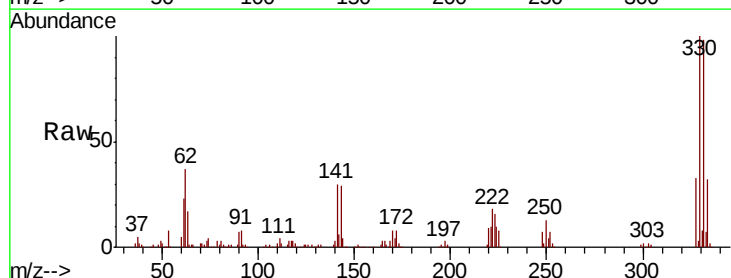
Instrument :
BNA_G
ClientSampleId :
RBR-200053

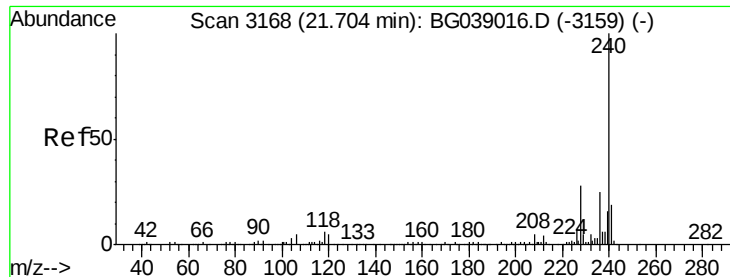
Tgt Ion:188 Resp: 189639
Ion Ratio Lower Upper
188 100
94 6.3 5.0 7.4
80 7.2 4.7 7.1#



#67
4-Bromophenyl-phenylether
Concen: 4.759 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.44 min
Lab File: BG039122.D
Acq: 14 Jan 2019 15:48

Tgt Ion:248 Resp: 11600
Ion Ratio Lower Upper
248 100
250 144.6 79.9 119.9#
141 328.8 52.7 79.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG039122.D

Acq: 14 Jan 2019 15:48

Instrument :

BNA_G

ClientSampleId :

RBR-200053

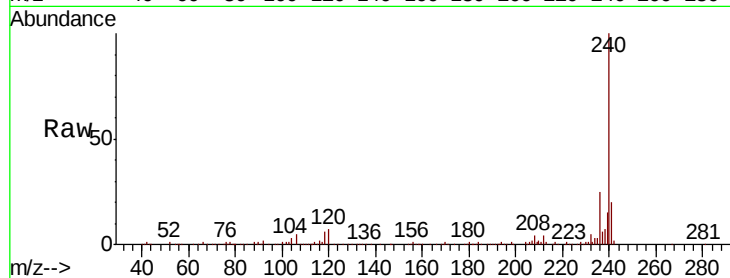
Tgt Ion:240 Resp: 228815

Ion Ratio Lower Upper

240 100

120 6.8 4.3 6.5#

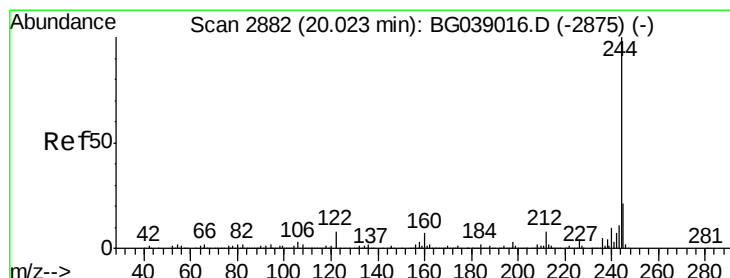
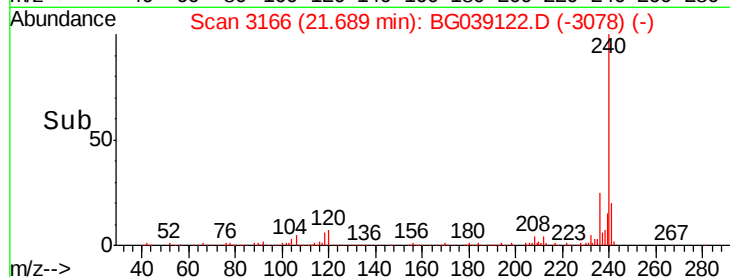
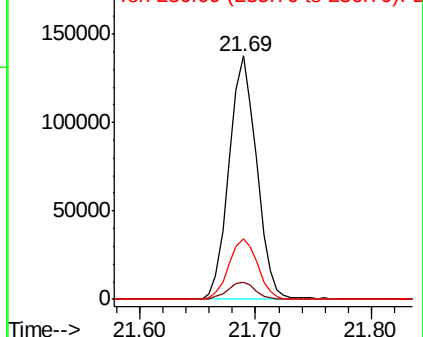
236 24.9 20.1 30.1



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: 70.179 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039122.D

Acq: 14 Jan 2019 15:48

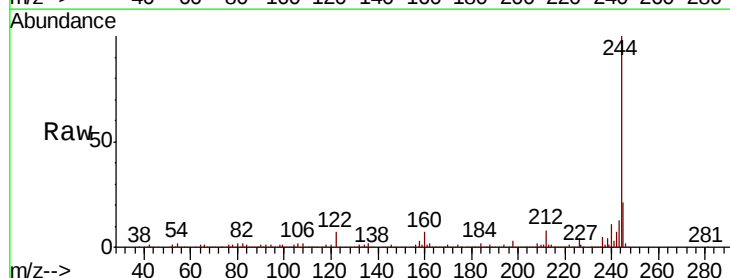
Tgt Ion:244 Resp: 868048

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

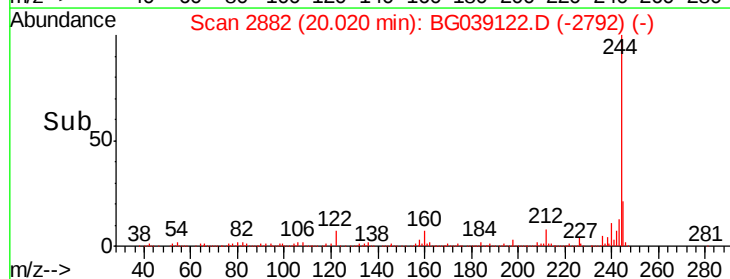
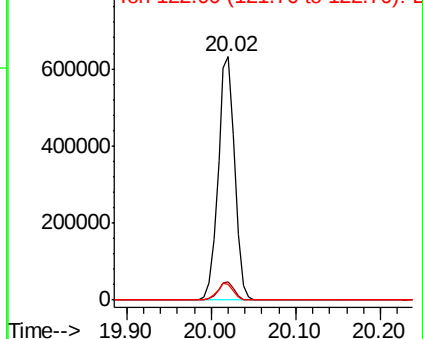
122 6.6 6.1 9.1

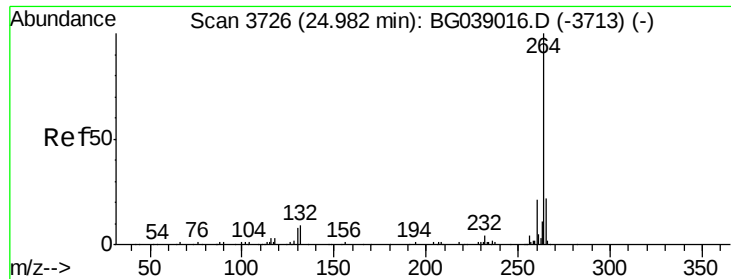


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.97 min Scan# 3724
Delta R.T. -0.01 min
Lab File: BG039122.D
Acq: 14 Jan 2019 15:48

Instrument :
BNA_G
ClientSampleId :
RBR-200053

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.2	17.0	25.6
265	19.6	17.2	25.8

