

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
 Data File : BG039202.D
 Acq On : 18 Jan 2019 3:09
 Operator : JU/SJ
 Sample : K1157-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-01-011519

Quant Time: Jan 18 04:16:14 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

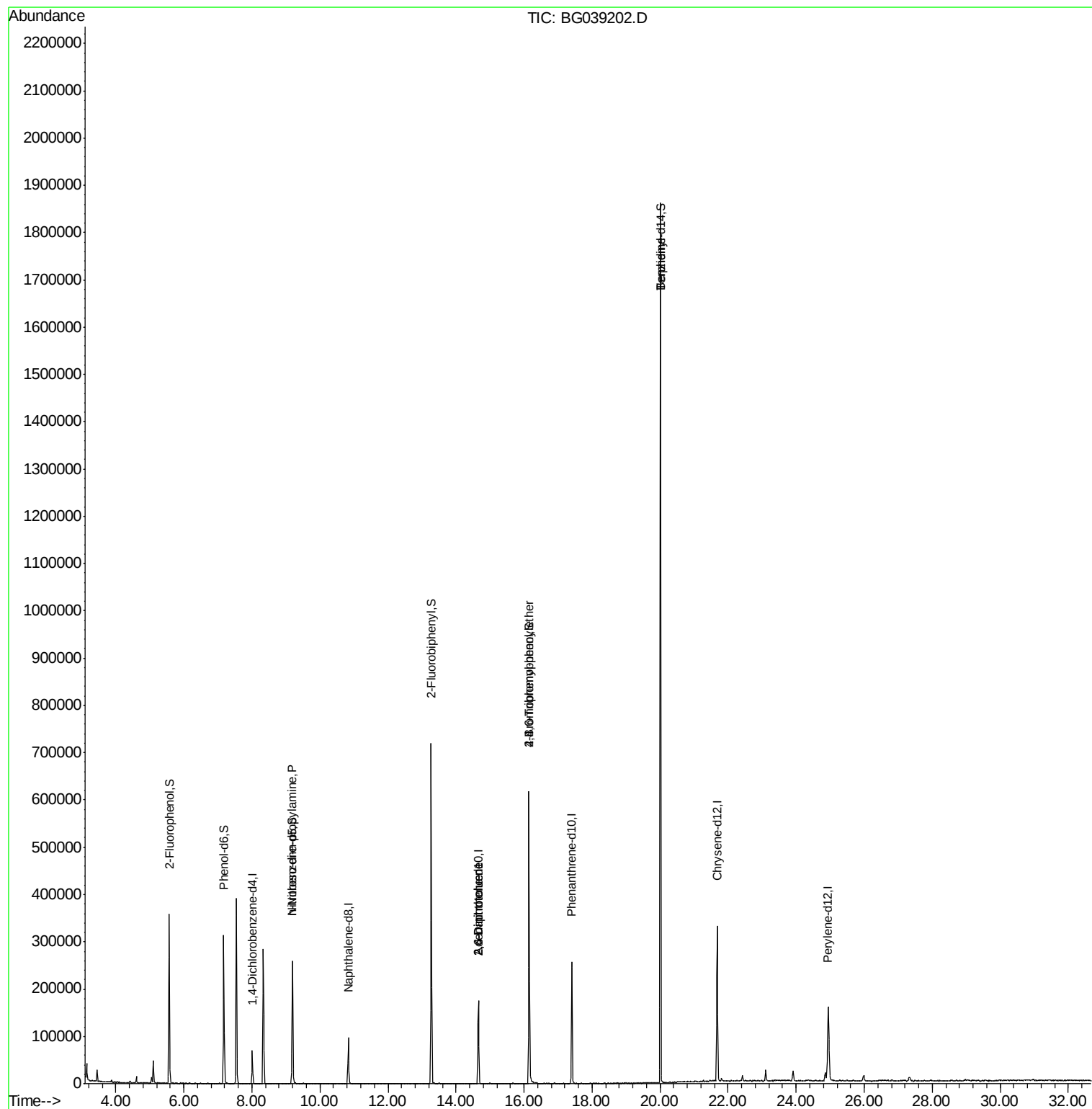
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	22158	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	89694	20.00	ng	-0.01
39) Acenaphthene-d10	14.65	164	67003	20.00	ng	-0.02
64) Phenanthrene-d10	17.40	188	177730	20.00	ng	-0.02
76) Chrysene-d12	21.68	240	209328	20.00	ng	-0.02
87) Perylene-d12	24.95	264	201686	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	169491	145.10	ng	-0.01
7) Phenol-d6	7.17	99	188866	112.35	ng	-0.02
23) Nitrobenzene-d5	9.20	82	166183	101.38	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	141467	125.95	ng	-0.02
45) 2-Fluorobiphenyl	13.27	172	406955	83.12	ng	-0.02
79) Terphenyl-d14	20.01	244	966712	85.43	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	21545	19.518	ng	# 63
51) 2,6-Dinitrotoluene	14.65	165	8969	7.085	ng	# 24
57) 2,4-Dinitrotoluene	14.65	165	8969	4.938	ng	# 26
67) 4-Bromophenyl-phenylether	16.15	248	9328	4.083	ng	# 1
77) Benzidine	20.01	184	15117	2.361	ng	96

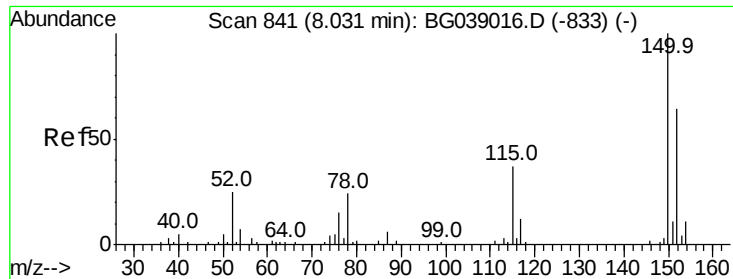
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Quant Time: Jan 18 04:16:14 2019
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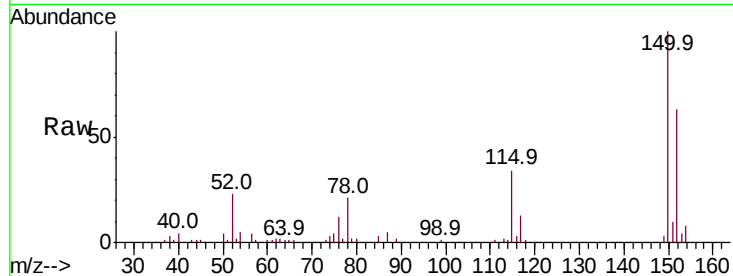


#1

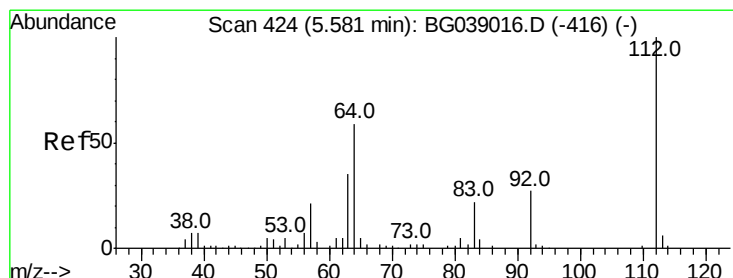
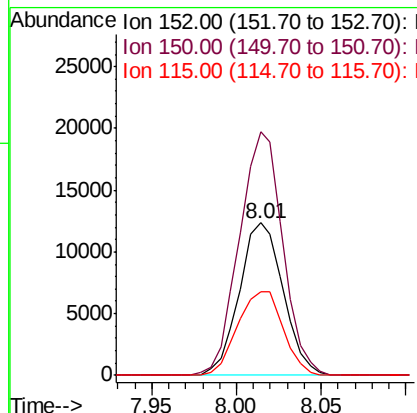
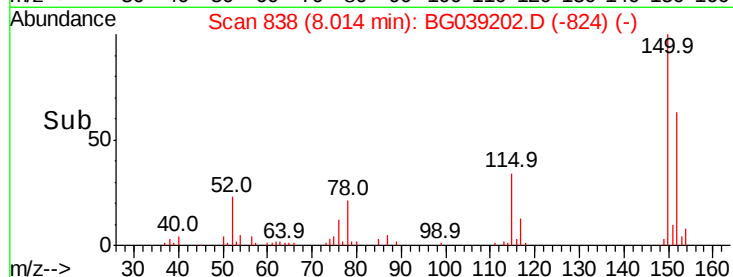
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.02 min
Lab File: BG039202.D
Acq: 18 Jan 2019 3:09

Instrument :
BNA_G
ClientSampleId :
WC-01-011519

Tot Ion:152 Resp: 22158
Ion Ratio Lower Upper
152 100
150 159.5 124.7 187.1
115 54.6 46.5 69.7



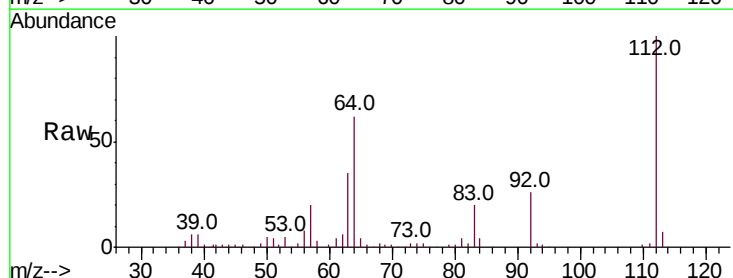
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



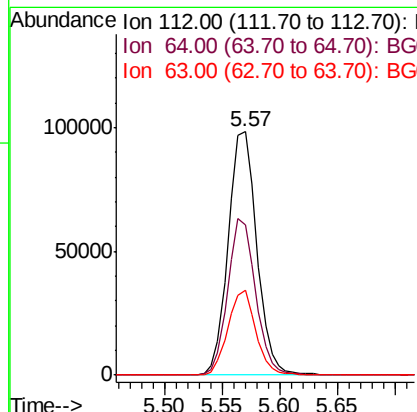
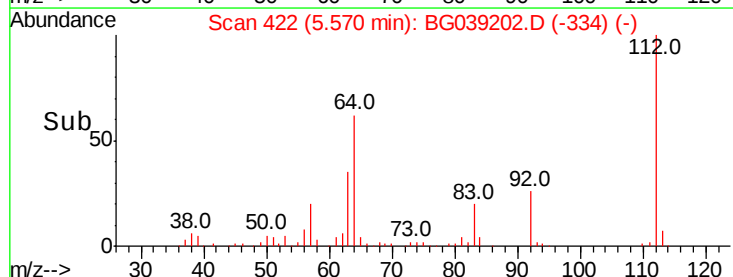
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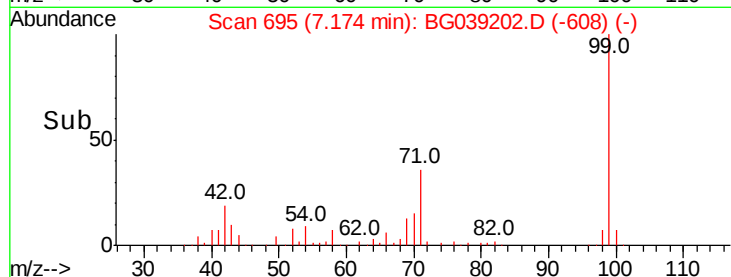
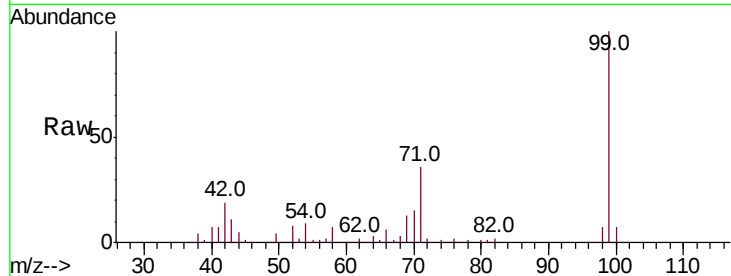
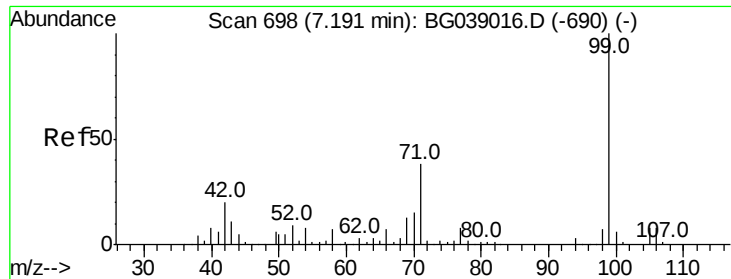
2-Fluorophenol
Concen: 145.104 ng
RT: 5.57 min Scan# 422
Delta R.T. -0.01 min
Lab File: BG039202.D
Acq: 18 Jan 2019 3:09

Tgt Ion:112 Resp: 169491
Ion Ratio Lower Upper
112 100
64 61.7 47.0 70.6
63 35.0 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: 112.353 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.02 min

Lab File: BG039202.D

Acq: 18 Jan 2019 3:09

Instrument :

BNA_G

ClientSampleId :

WC-01-011519

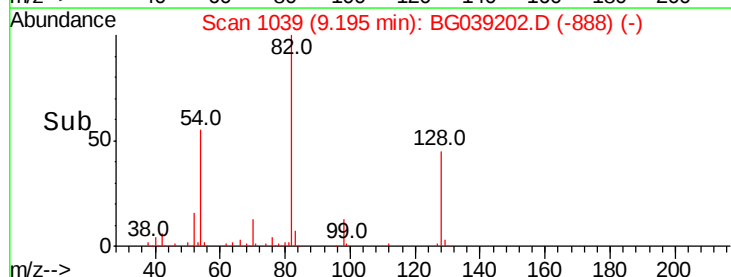
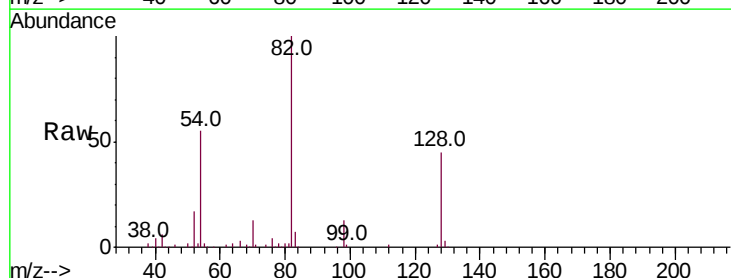
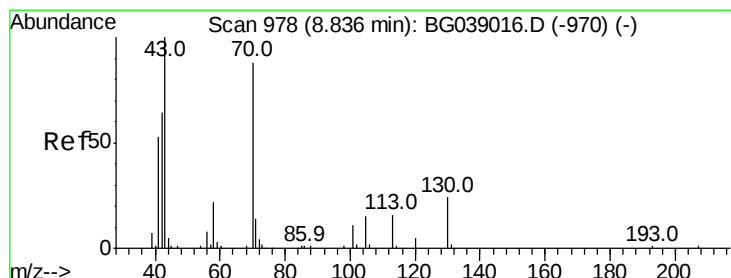
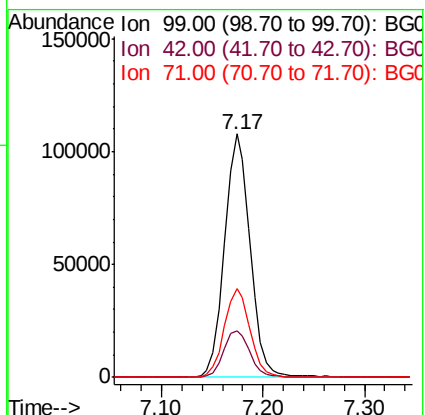
Tot Ion: 99 Resp: 188866

Ion Ratio Lower Upper

99 100

42 19.1 15.8 23.6

71 36.3 30.2 45.4



#19

n-Nitroso-di-n-propylamine

Concen: 19.518 ng

RT: 9.20 min Scan# 1039

Delta R.T. 0.36 min

Lab File: BG039202.D

Acq: 18 Jan 2019 3:09

Tgt Ion: 70 Resp: 21545

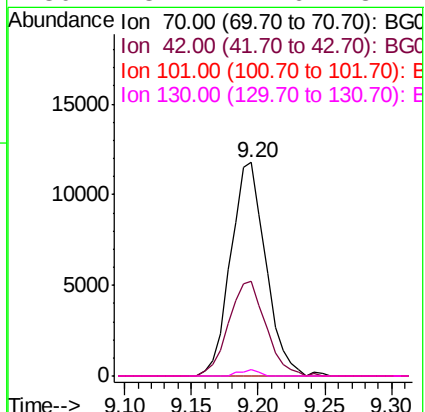
Ion Ratio Lower Upper

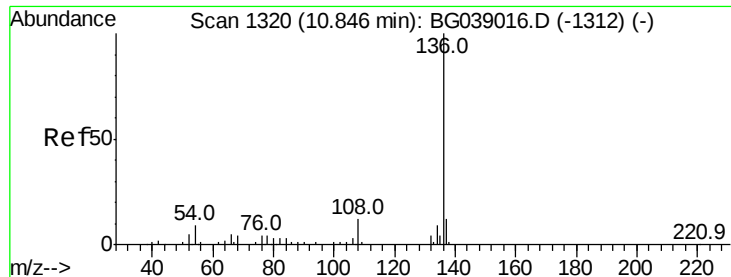
70 100

42 44.6 59.0 88.4#

101 0.0 10.4 15.6#

130 3.1 21.6 32.4#

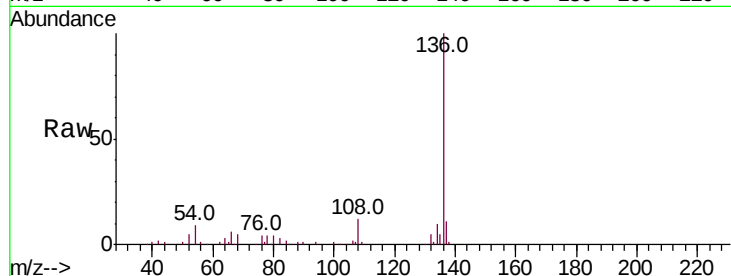




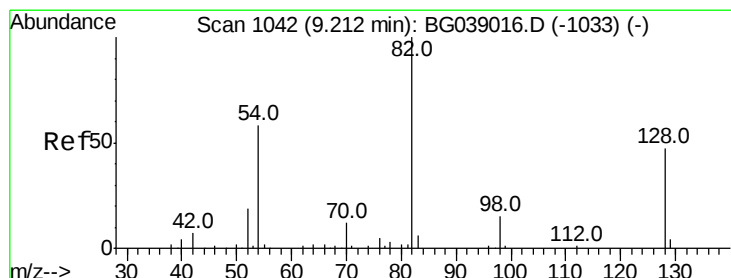
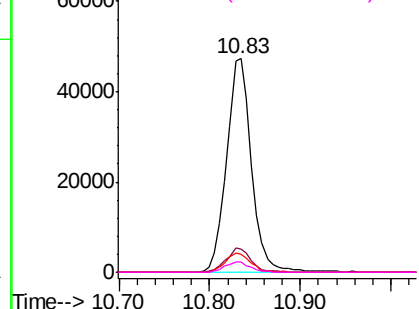
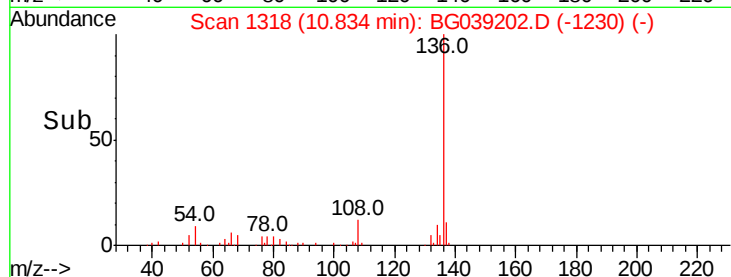
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG039202.D
Acq: 18 Jan 2019 3:09

Instrument :
BNA_G
ClientSampleId :
WC-01-011519

Tot Ion:136	Resp:	89694
Ion	Ratio	Lower Upper
136	100	
137	10.5	9.4 14.2
54	8.7	7.2 10.8
68	4.8	3.5 5.3

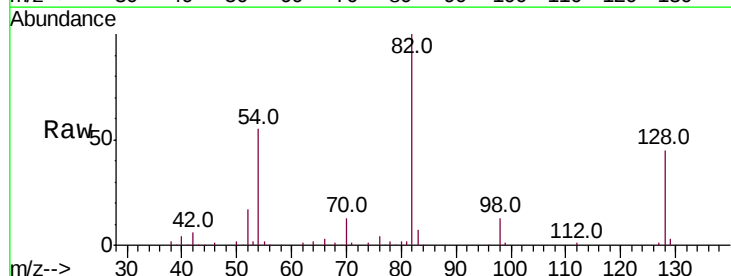


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

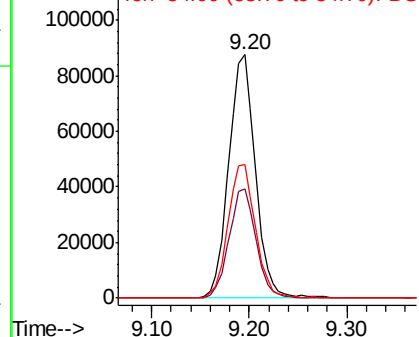
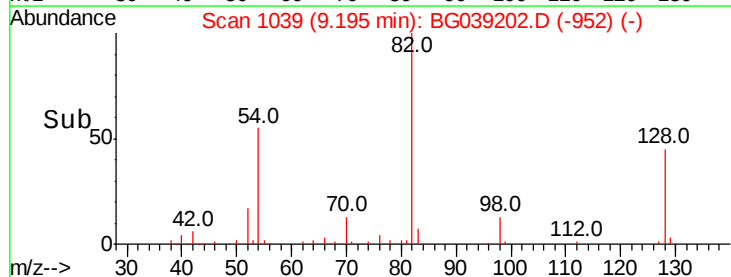


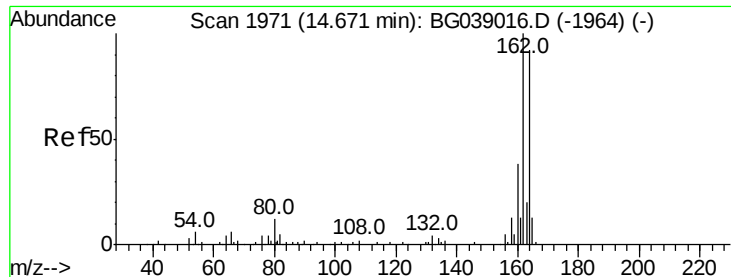
#23
Nitrobenzene-d5
Concen: 101.383 ng
RT: 9.20 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG039202.D
Acq: 18 Jan 2019 3:09

Tgt Ion: 82	Resp:	166183
Ion	Ratio	Lower Upper
82	100	
128	44.9	37.3 55.9
54	55.0	46.4 69.6



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
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: BG039202.D

Acq: 18 Jan 2019 3:09

Instrument :

BNA_G

ClientSampleId :

WC-01-011519

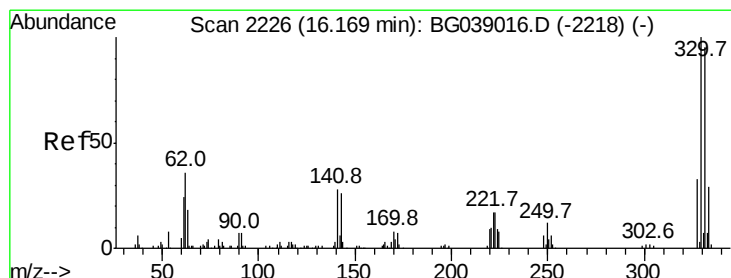
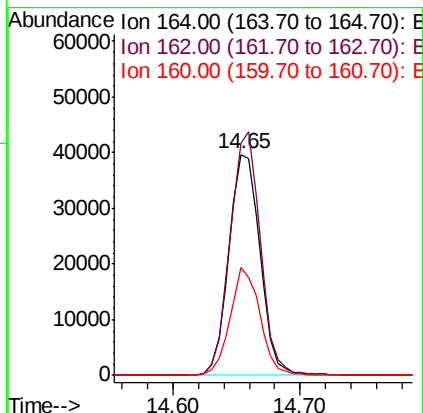
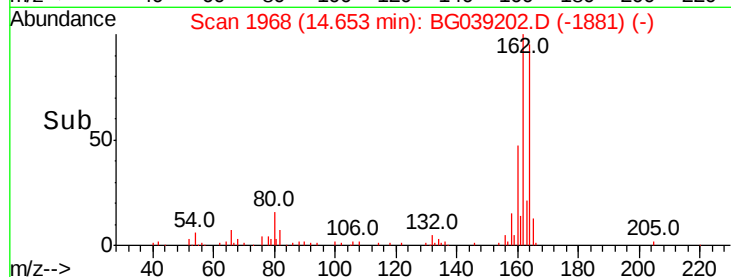
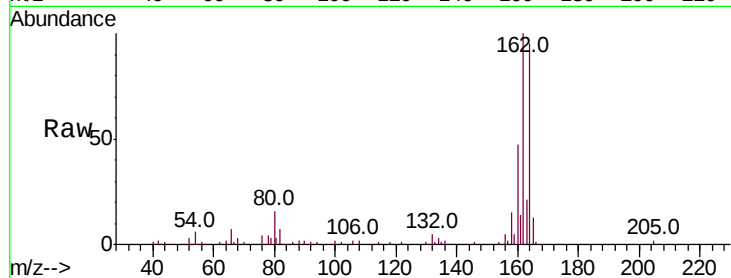
Tot Ion:164 Resp: 67003

Ion Ratio Lower Upper

164 100

162 105.3 87.2 130.8

160 49.1 33.3 49.9



#42

2,4,6-Tribromophenol

Concen: 125.955 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.02 min

Lab File: BG039202.D

Acq: 18 Jan 2019 3:09

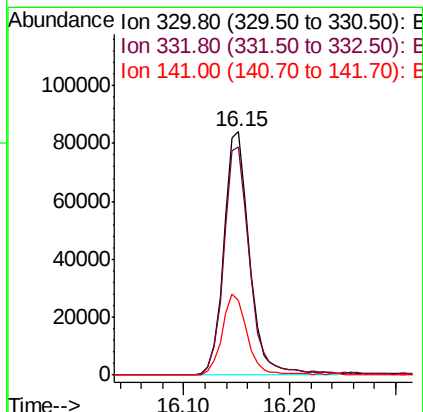
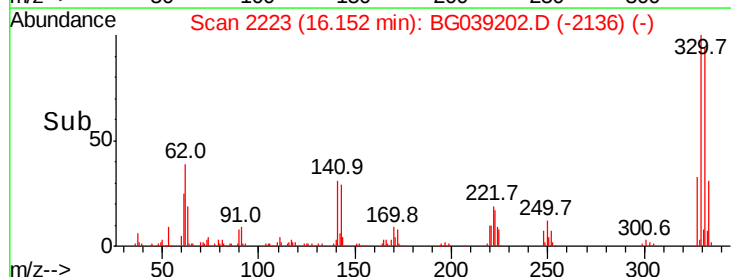
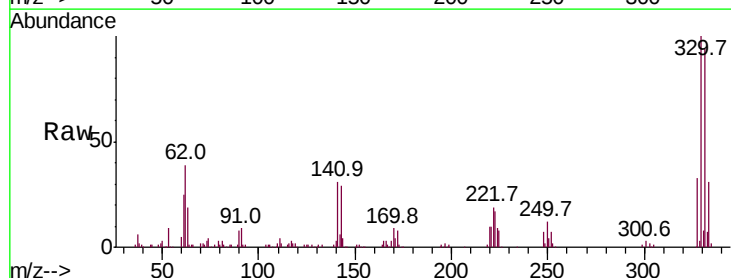
Tgt Ion:330 Resp: 141467

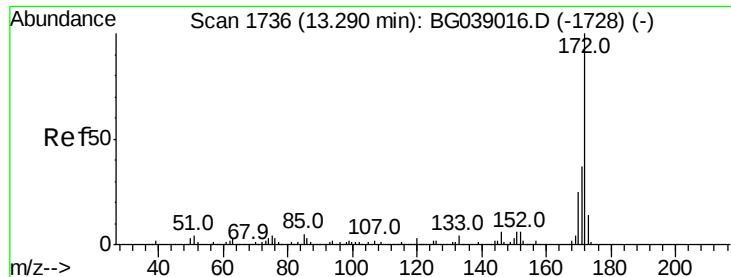
Ion Ratio Lower Upper

330 100

332 95.4 75.7 113.5

141 32.7 24.9 37.3

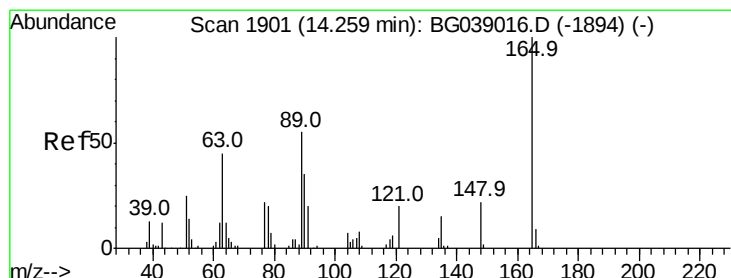
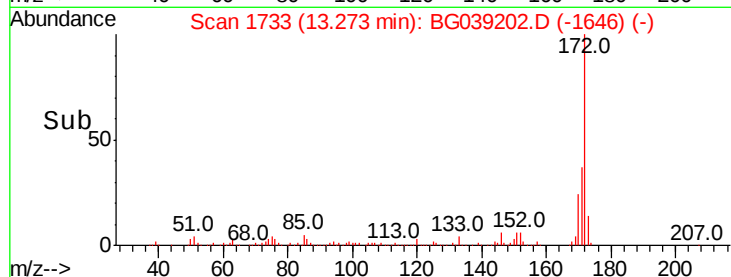
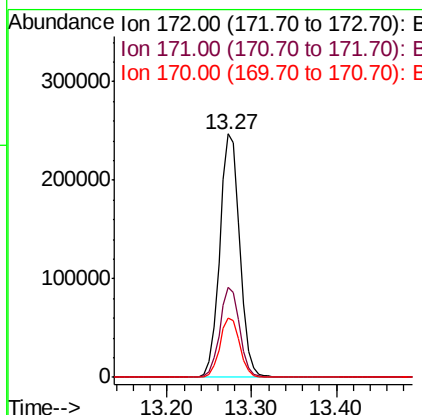
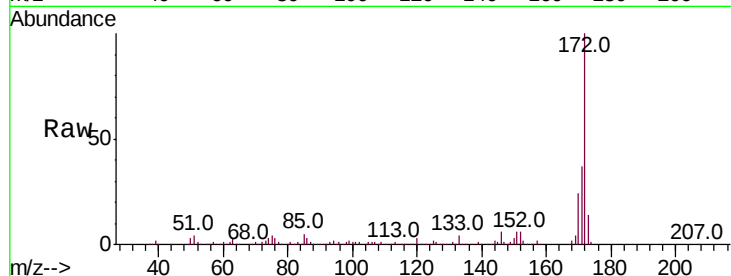




#45
 2-Fluorobiphenyl
 Concen: 83.122 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.02 min
 Lab File: BG039202.D
 Acq: 18 Jan 2019 3:09

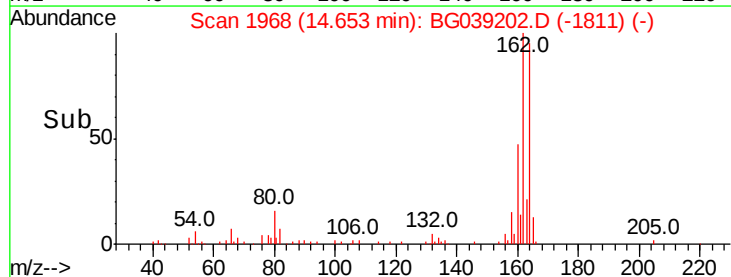
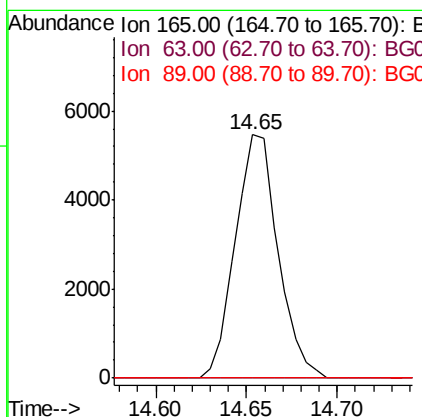
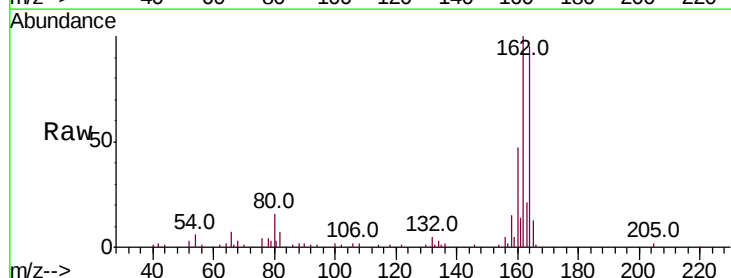
Instrument :
 BNA_G
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 WC-01-011519

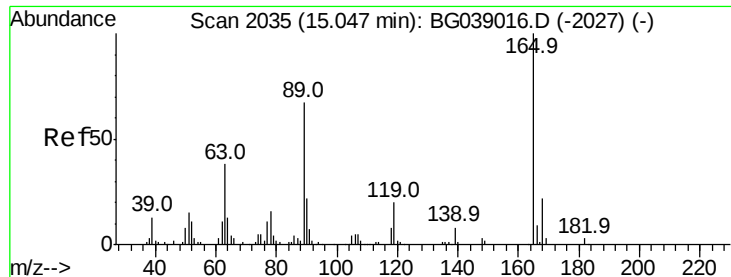
Tot Ion:172 Resp: 406955
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 24.4 20.1 30.1



#51
 2,6-Dinitrotoluene
 Concen: 7.085 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. 0.39 min
 Lab File: BG039202.D
 Acq: 18 Jan 2019 3:09

Tgt Ion:165 Resp: 8969
 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: 4.938 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.39 min

Lab File: BG039202.D

Acq: 18 Jan 2019 3:09

Instrument :

BNA_G

ClientSampleId :

WC-01-011519

Tot Ion:165 Resp: 8969

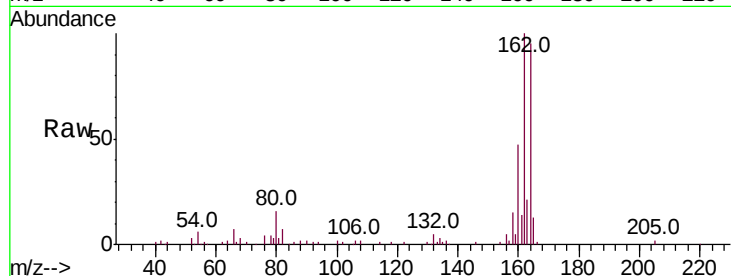
Ion Ratio Lower Upper

165 100

63 0.0 30.2 45.4#

89 0.0 53.2 79.8#

182 0.0 2.7 4.1#

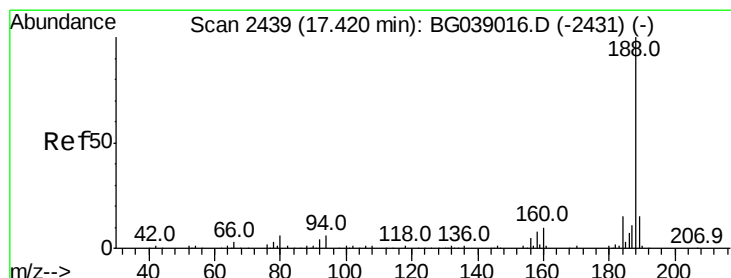
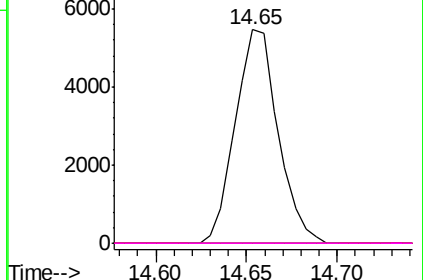
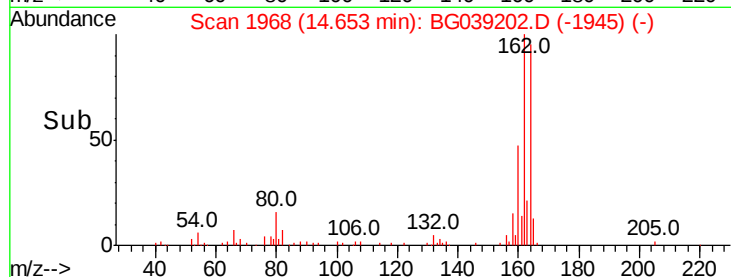


Abundance Ion 165.00 (164.70 to 165.70): E

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: BG039202.D

Acq: 18 Jan 2019 3:09

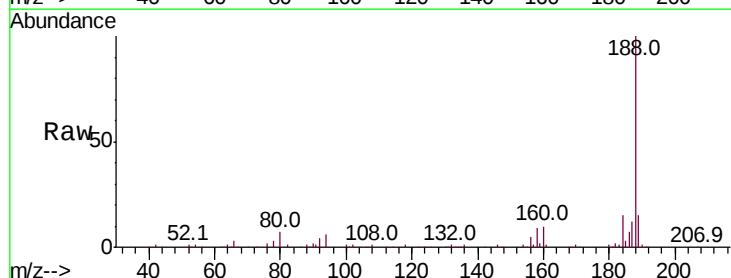
Tgt Ion:188 Resp: 177730

Ion Ratio Lower Upper

188 100

94 6.5 5.0 7.4

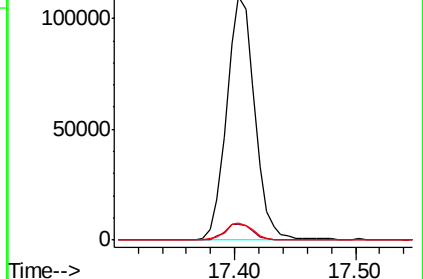
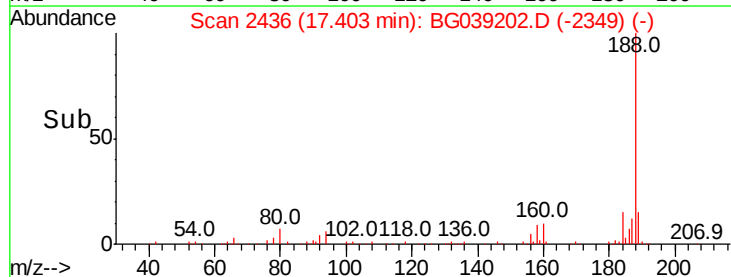
80 6.9 4.7 7.1

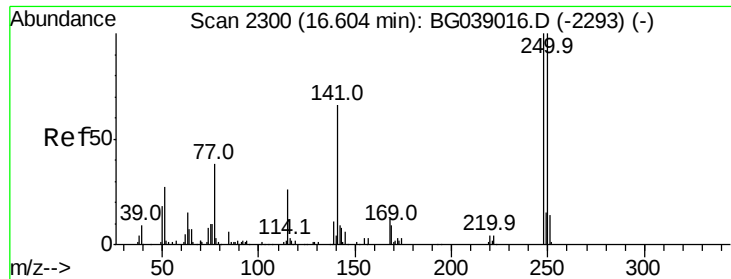


Abundance Ion 188.00 (187.70 to 188.70): E

150000 Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

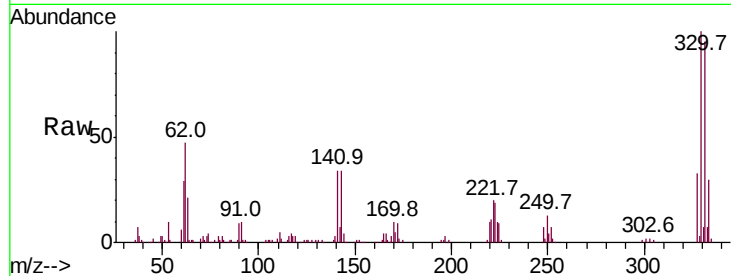




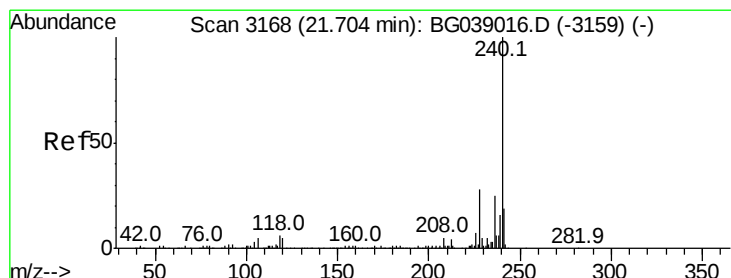
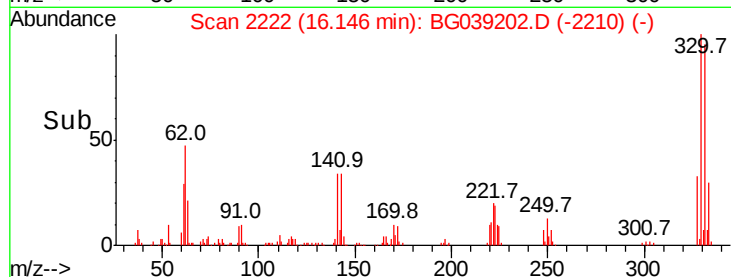
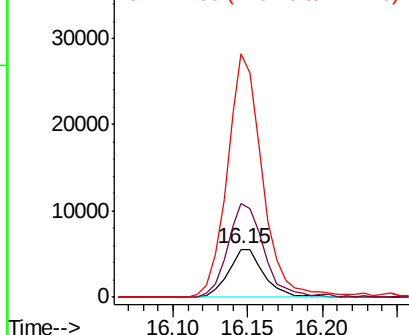
#67
 4-Bromophenyl-phenylether
 Concen: 4.083 ng
 RT: 16.15 min Scan# 2222
 Delta R.T. -0.46 min
 Lab File: BG039202.D
 Acq: 18 Jan 2019 3:09

Instrument :
 BNA_G
 ClientSampleId :
 WC-01-011519

Tot Ion:248 Resp: 9328
 Ion Ratio Lower Upper
 248 100
 250 195.8 79.9 119.9#
 141 383.9 52.7 79.1#

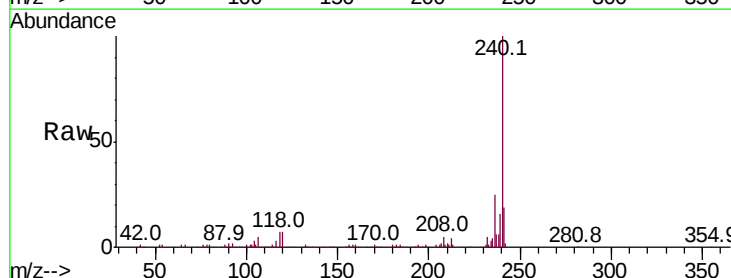


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

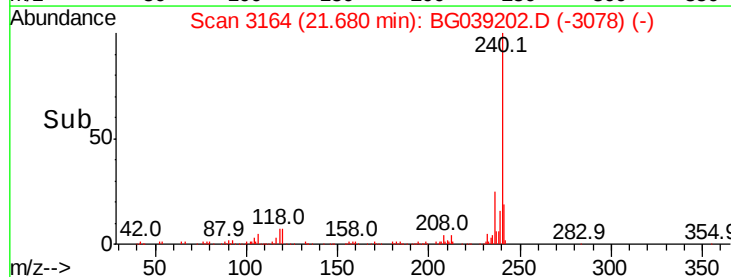
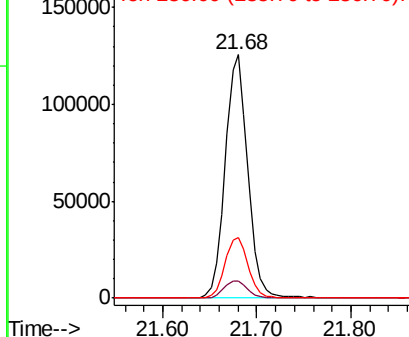


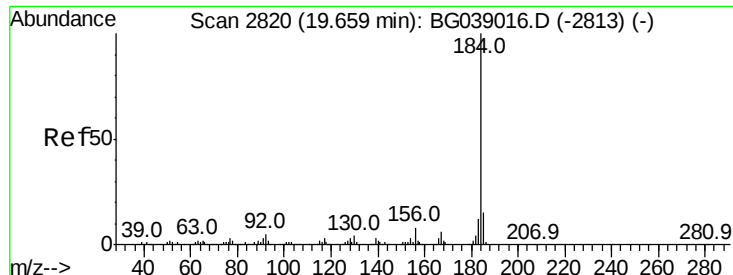
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.02 min
 Lab File: BG039202.D
 Acq: 18 Jan 2019 3:09

Tgt Ion:240 Resp: 209328
 Ion Ratio Lower Upper
 240 100
 120 7.1 4.3 6.5#
 236 25.0 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: 2.361 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.35 min

Lab File: BG039202.D

Acq: 18 Jan 2019 3:09

Instrument :

BNA_G

ClientSampleId :

WC-01-011519

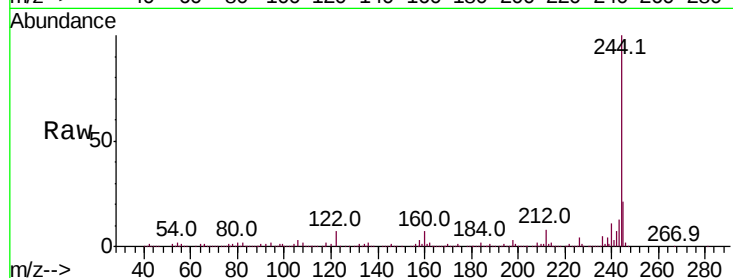
Tot Ion:184 Resp: 15117

Ion Ratio Lower Upper

184 100

185 16.0 12.1 18.1

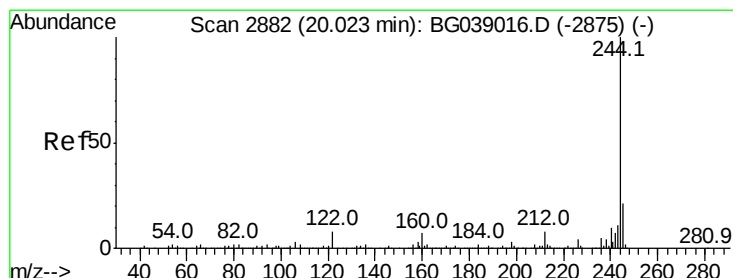
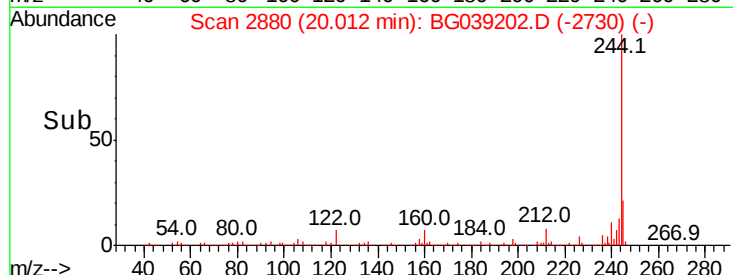
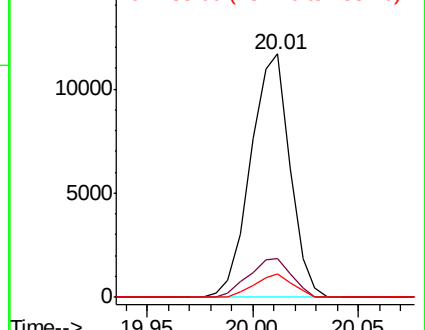
183 9.5 9.5 14.3



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: 85.431 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG039202.D

Acq: 18 Jan 2019 3:09

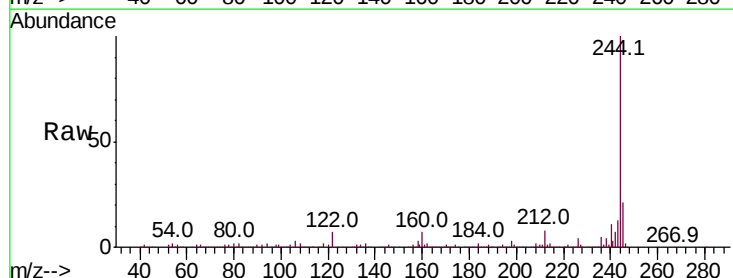
Tgt Ion:244 Resp: 966712

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

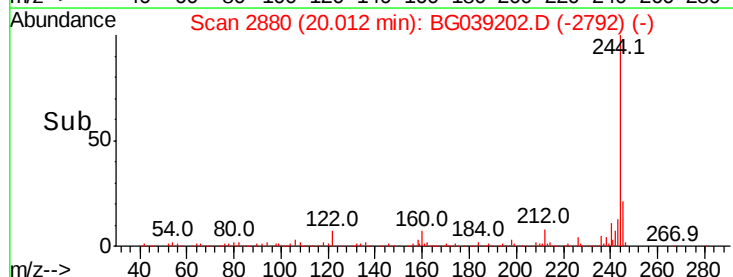
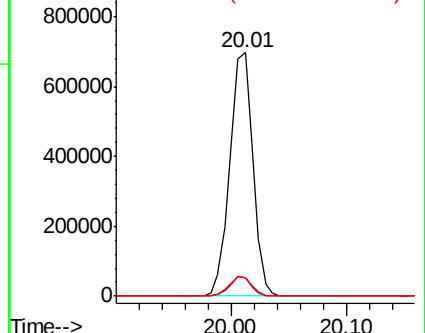
122 7.4 6.1 9.1

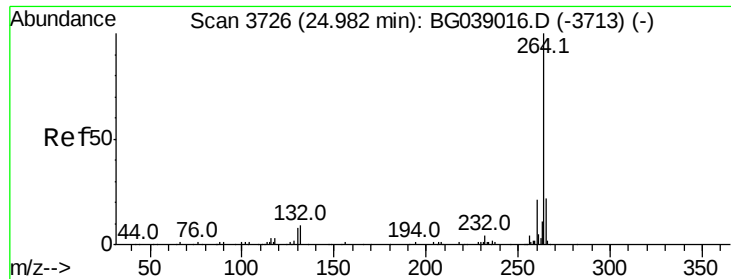


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.95 min Scan# 3720
 Delta R.T. -0.03 min
 Lab File: BG039202.D
 Acq: 18 Jan 2019 3:09

Instrument :
 BNA_G
 ClientSampleId :
 WC-01-011519

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.0	25.6
265	21.1	17.2	25.8

