

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021519\
 Data File : BG039533.D
 Acq On : 15 Feb 2019 22:41
 Operator : JU/SJ
 Sample : K1346-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021419-D

Quant Time: Feb 16 03:21:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

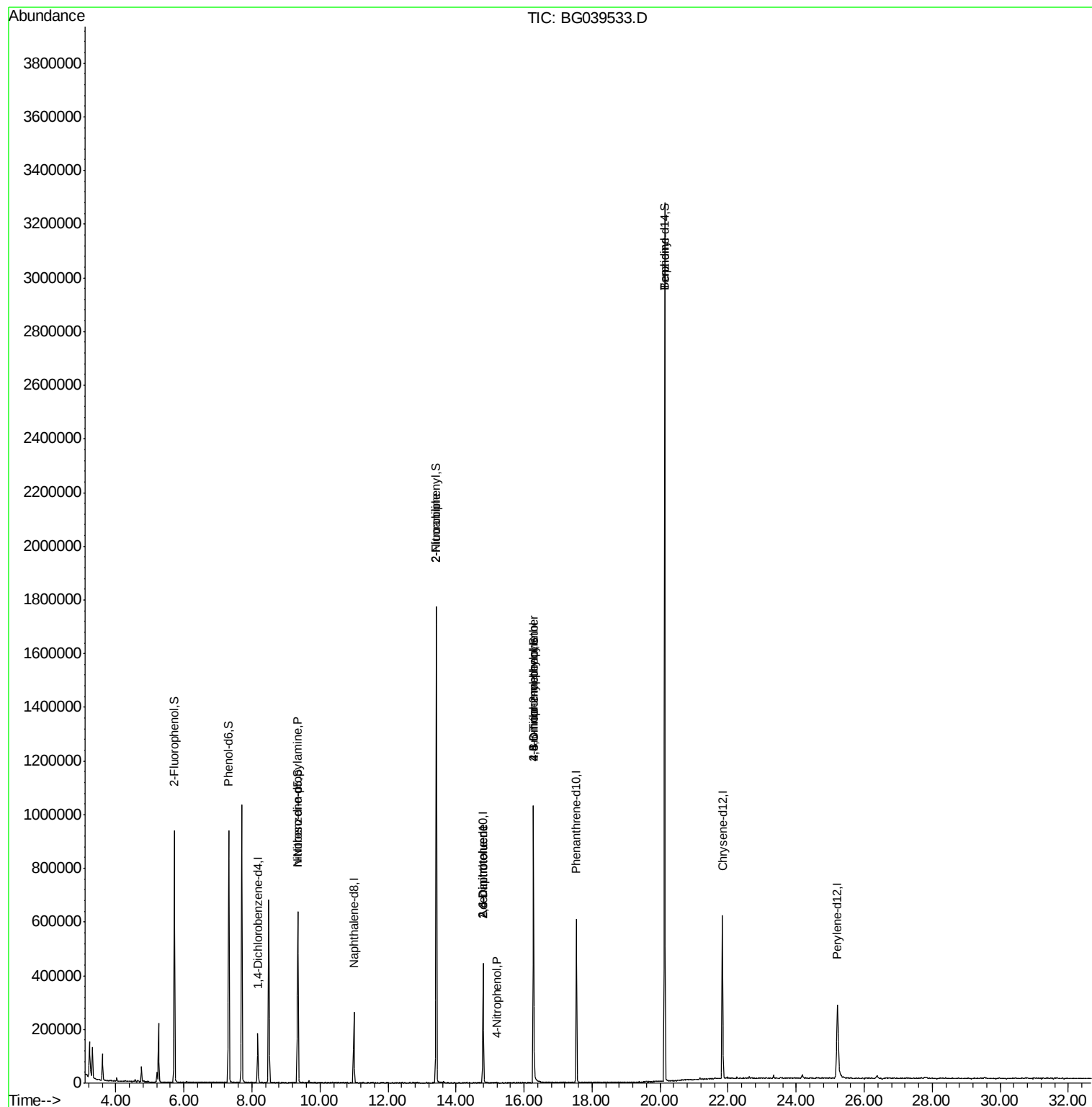
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	49633	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	227509	20.00	ng	-0.01
39) Acenaphthene-d10	14.79	164	158979	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	376799	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	393933	20.00	ng	-0.02
87) Perylene-d12	25.21	264	377100	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	395116	136.25	ng	0.00
7) Phenol-d6	7.32	99	542664	127.13	ng	0.00
23) Nitrobenzene-d5	9.35	82	385181	105.77	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	182048	106.34	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	950870	85.80	ng	-0.02
79) Terphenyl-d14	20.13	244	1527534	82.08	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.31	77	852	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	9.35	70	50795	16.766 ng	#	4
48) 2-Nitroaniline	13.42	65	1418	8.707 ng	#	1
51) 2,6-Dinitrotoluene	14.79	165	20024	13.763 ng	#	24
56) 4-Nitrophenol	15.20	139	54	5.815 ng	#	1
57) 2,4-Dinitrotoluene	14.79	165	20024	13.278 ng	#	19
65) 4,6-Dinitro-2-methylphenol	16.28	198	524	4.620 ng	#	1
67) 4-Bromophenyl-phenylether	16.28	248	14378	3.440 ng	#	1
77) Benzidine	20.13	184	27054	2.095 ng	#	93

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021519\
Data File : BG039533.D
Acq On : 15 Feb 2019 22:41
Operator : JU/SJ
Sample : K1346-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-D

Quant Time: Feb 16 03:21:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration



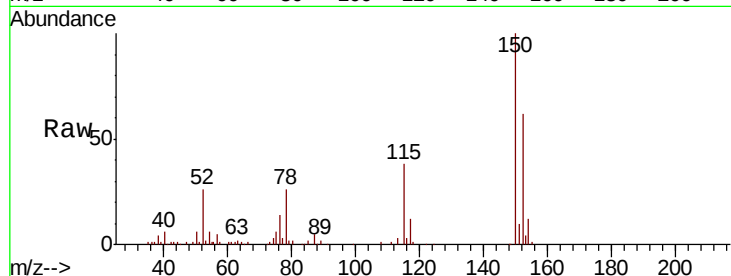


#1

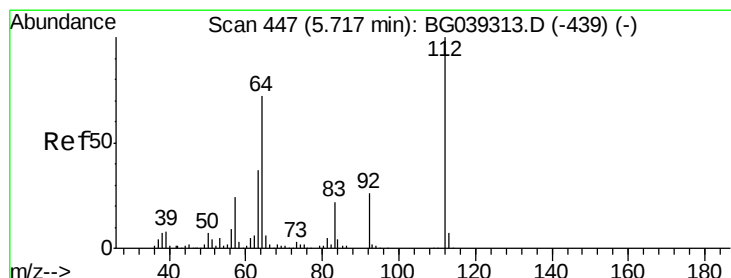
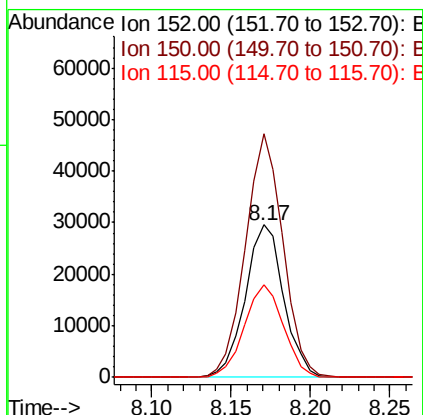
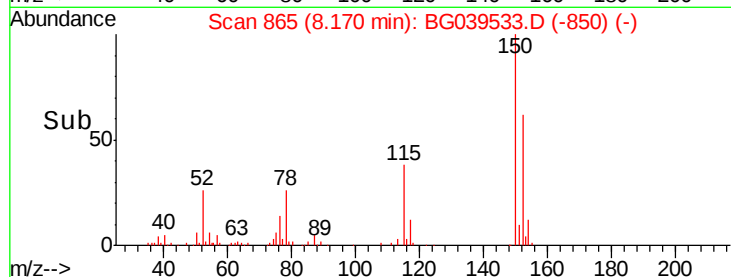
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039533.D
Acq: 15 Feb 2019 22:41

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-D

Tgt Ion:152 Resp: 49633
Ion Ratio Lower Upper
152 100
150 160.0 123.7 185.5
115 60.8 45.9 68.9



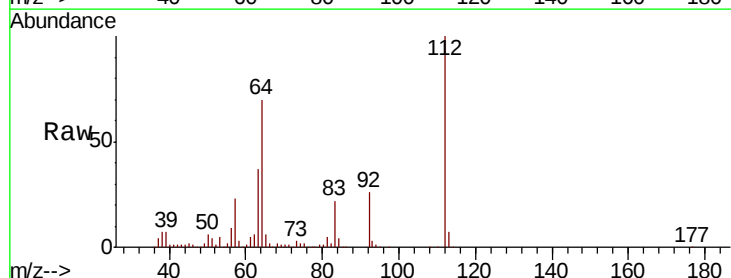
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



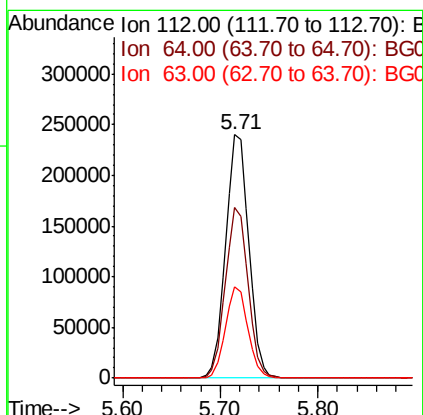
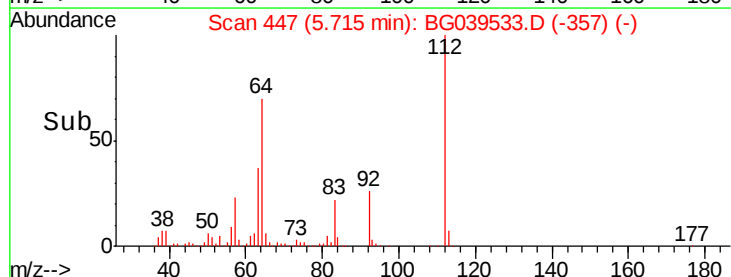
#5

2-Fluorophenol
Concen: 136.249 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039533.D
Acq: 15 Feb 2019 22:41

Tgt Ion:112 Resp: 395116
Ion Ratio Lower Upper
112 100
64 70.2 57.8 86.8
63 37.3 29.8 44.6



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: 127.128 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039533.D

Acq: 15 Feb 2019 22:41

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-D

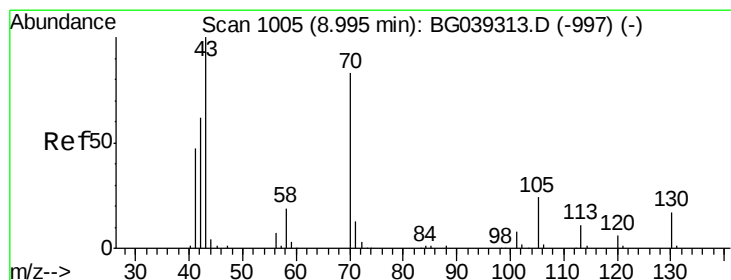
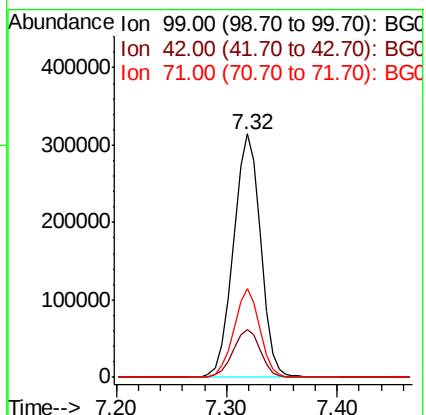
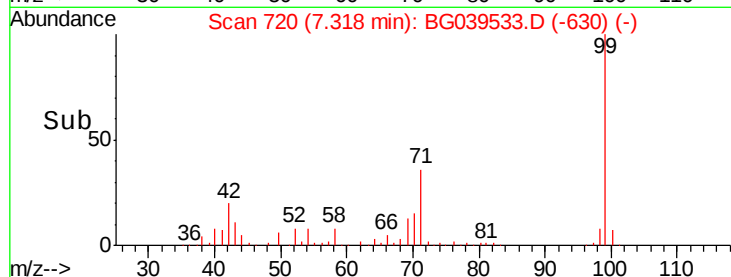
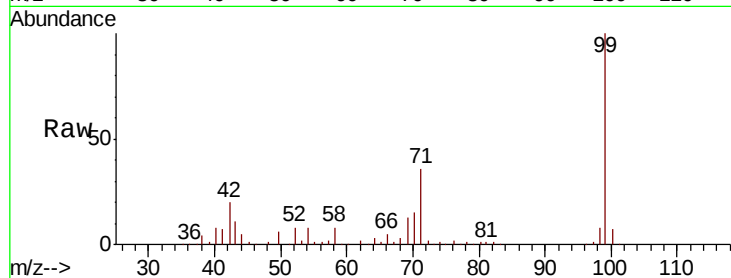
Tgt Ion: 99 Resp: 542664

Ion Ratio Lower Upper

99 100

42 19.8 18.2 27.2

71 36.3 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.766 ng

RT: 9.35 min Scan# 1065

Delta R.T. 0.35 min

Lab File: BG039533.D

Acq: 15 Feb 2019 22:41

Tgt Ion: 70 Resp: 50795

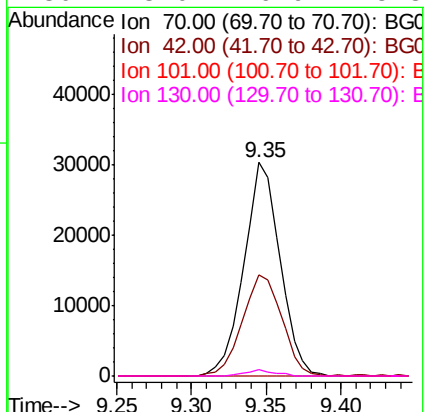
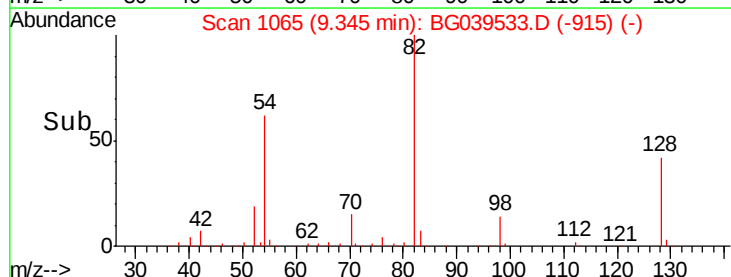
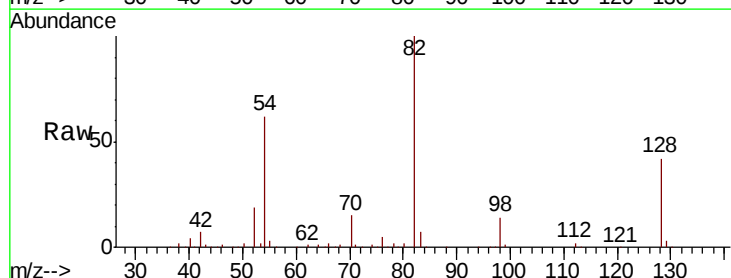
Ion Ratio Lower Upper

70 100

42 47.4 60.4 90.6#

101 0.0 7.5 11.3#

130 3.0 16.9 25.3#

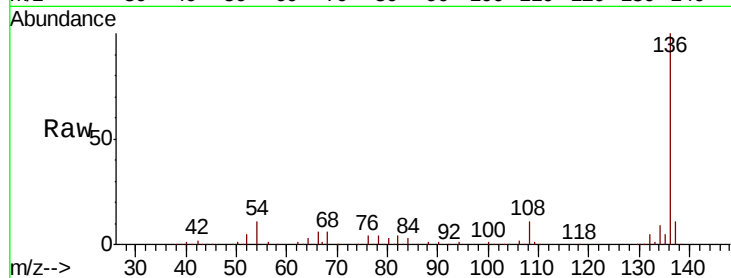




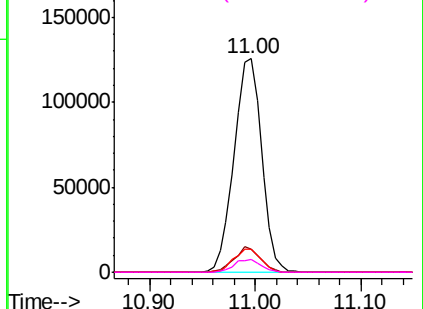
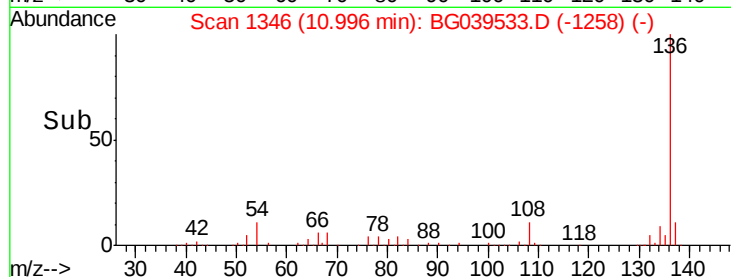
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039533.D
Acq: 15 Feb 2019 22:41

Instrument :
BNA_G
ClientSampleId :
CL-01-021419-D

Tgt Ion:	136	Resp:	227509
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	11.0	9.4	14.2
68	6.0	4.2	6.4

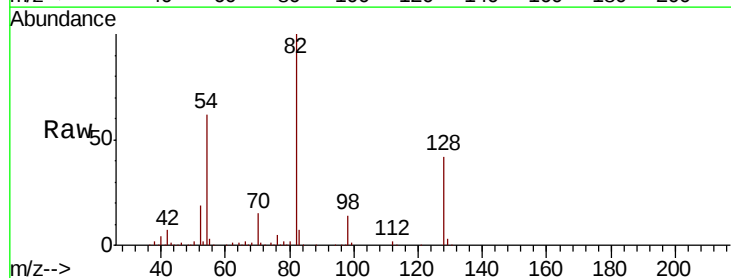


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

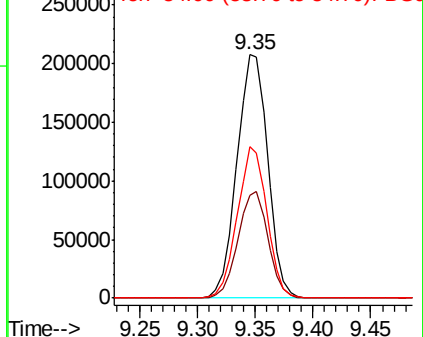
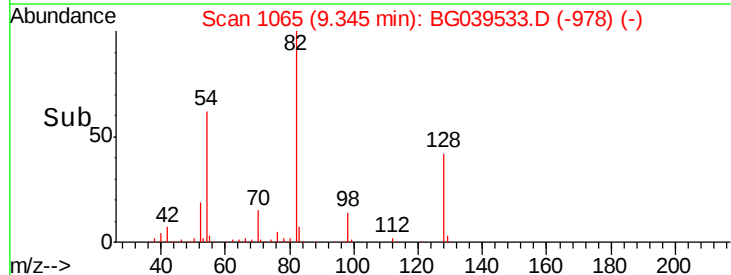


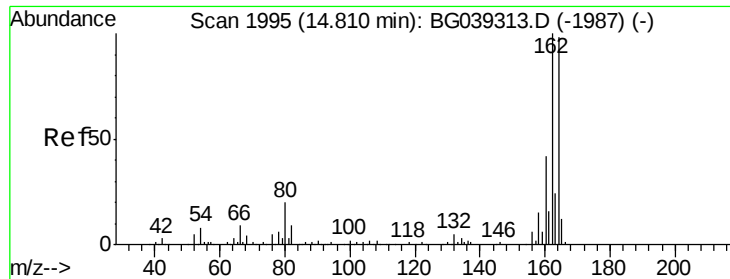
#23
Nitrobenzene-d5
Concen: 105.767 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039533.D
Acq: 15 Feb 2019 22:41

Tgt Ion:	82	Resp:	385181
Ion	Ratio	Lower	Upper
82	100		
128	42.0	31.3	46.9
54	62.1	50.9	76.3



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: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039533.D

Acq: 15 Feb 2019 22:41

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-D

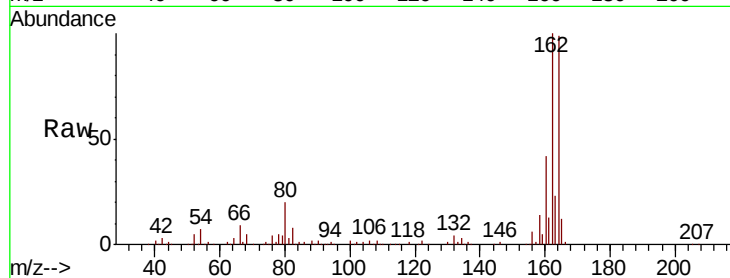
Tgt Ion:164 Resp: 158979

Ion Ratio Lower Upper

164 100

162 101.0 81.6 122.4

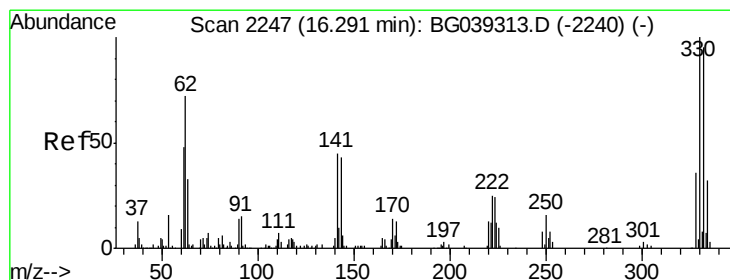
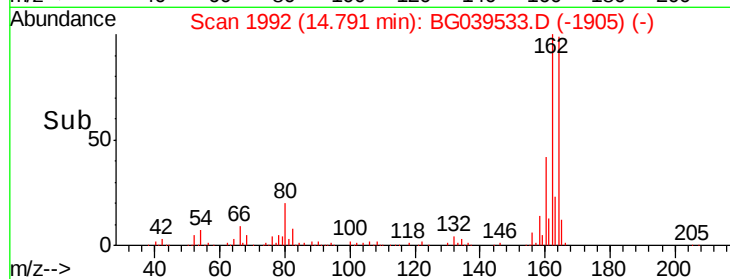
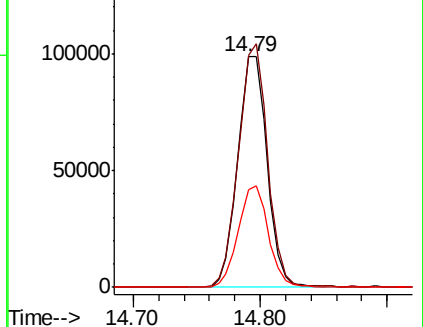
160 42.7 34.2 51.2



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: 106.341 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039533.D

Acq: 15 Feb 2019 22:41

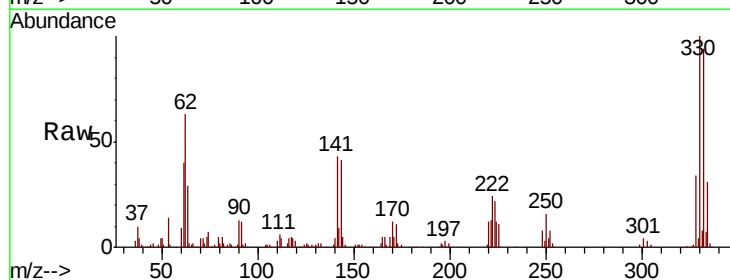
Tgt Ion:330 Resp: 182048

Ion Ratio Lower Upper

330 100

332 98.3 75.7 113.5

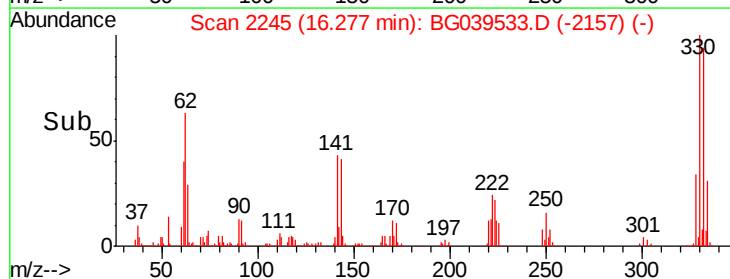
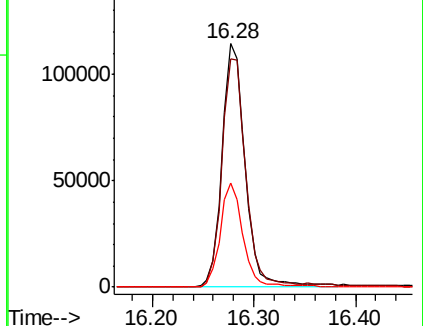
141 42.2 35.6 53.4



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: 85.802 ng

RT: 13.42 min Scan# 1758

Delta R.T. -0.02 min

Lab File: BG039533.D

Acq: 15 Feb 2019 22:41

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-D

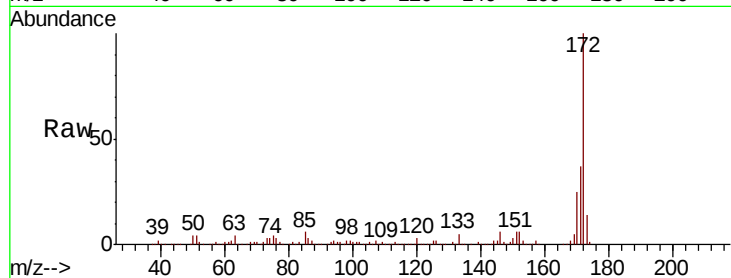
Tgt Ion:172 Resp: 950870

Ion Ratio Lower Upper

172 100

171 37.1 30.8 46.2

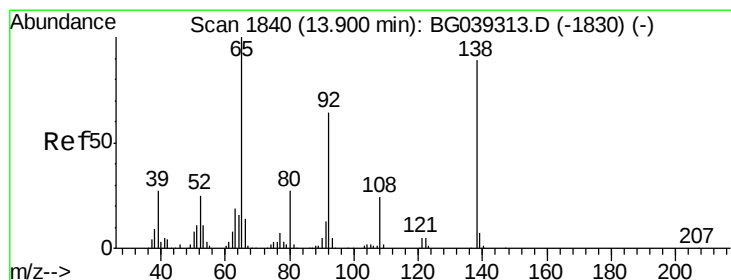
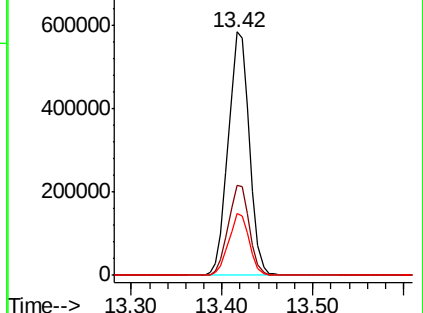
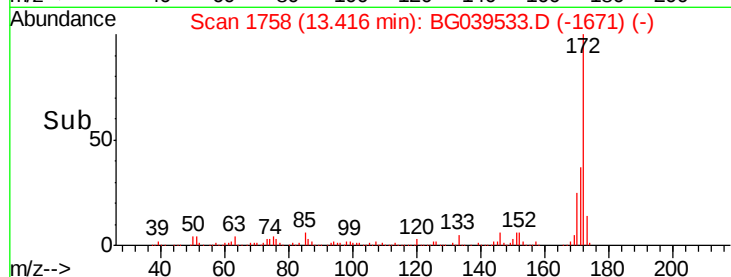
170 25.2 20.2 30.4



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



#48

2-Nitroaniline

Concen: 8.707 ng

RT: 13.42 min Scan# 1758

Delta R.T. -0.48 min

Lab File: BG039533.D

Acq: 15 Feb 2019 22:41

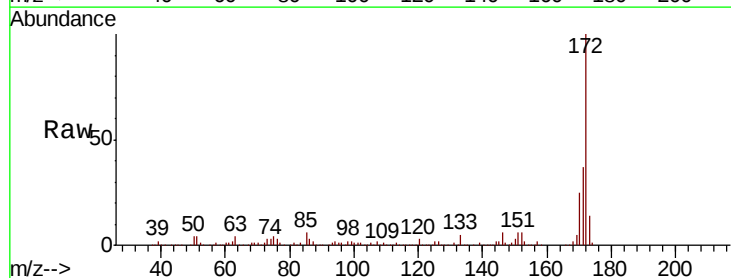
Tgt Ion: 65 Resp: 1418

Ion Ratio Lower Upper

65 100

92 258.4 51.4 77.2#

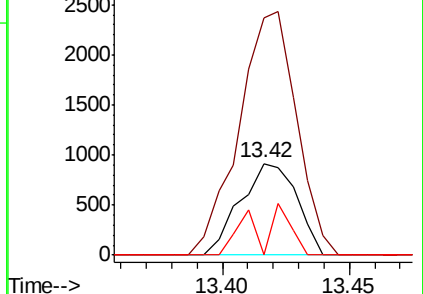
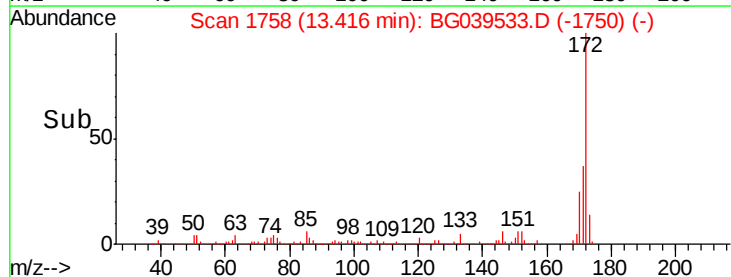
138 0.0 71.4 107.2#



Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#51

2,6-Dinitrotoluene

Concen: 13.763 ng

RT: 14.79 min Scan# 1992

Delta R.T. 0.40 min

Lab File: BG039533.D

Acq: 15 Feb 2019 22:41

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-D

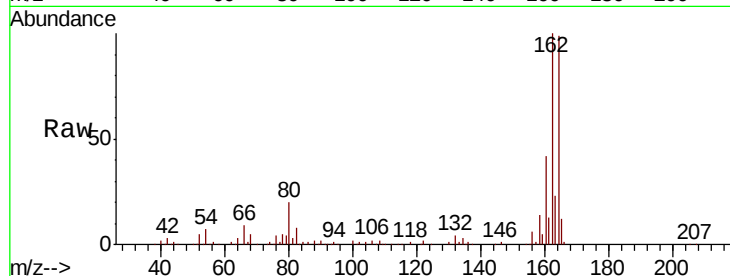
Tgt Ion:165 Resp: 20024

Ion Ratio Lower Upper

165 100

63 2.3 47.0 70.6#

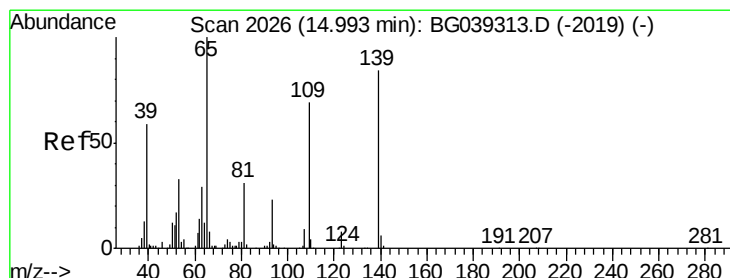
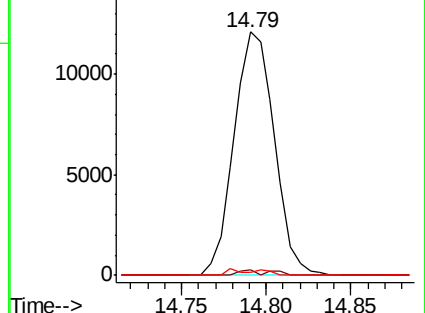
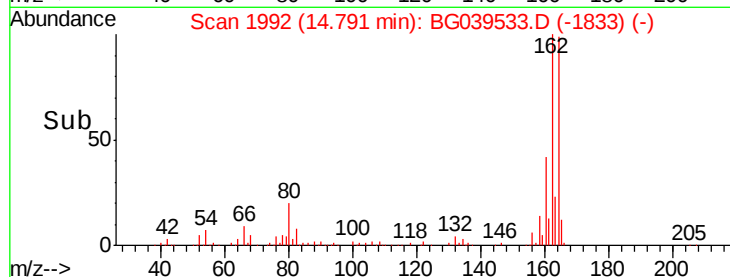
89 1.3 45.8 68.8#



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



#56

4-Nitrophenol

Concen: 5.815 ng

RT: 15.20 min Scan# 2061

Delta R.T. 0.20 min

Lab File: BG039533.D

Acq: 15 Feb 2019 22:41

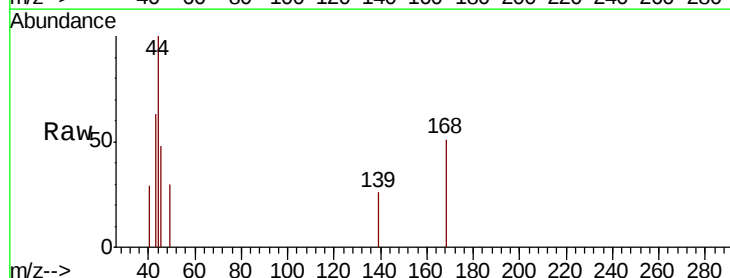
Tgt Ion:139 Resp: 54

Ion Ratio Lower Upper

139 100

109 0.0 61.9 101.9#

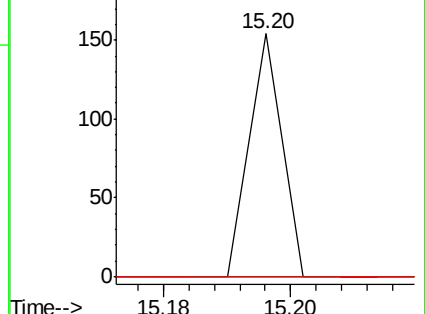
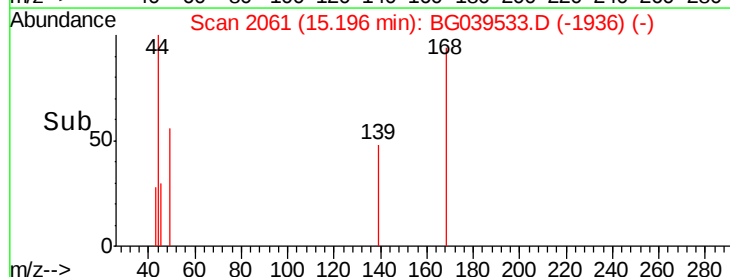
65 0.0 99.1 139.1#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 13.278 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.37 min

Lab File: BG039533.D

Acq: 15 Feb 2019 22:41

Instrument :

BNA_G

ClientSampleId :

CL-01-021419-D

Tgt Ion:165 Resp: 20024

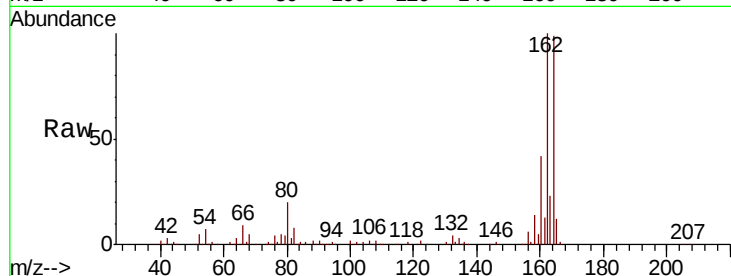
Ion Ratio Lower Upper

165 100

63 2.3 41.0 61.6#

89 1.3 64.6 96.8#

182 0.0 2.0 3.0#

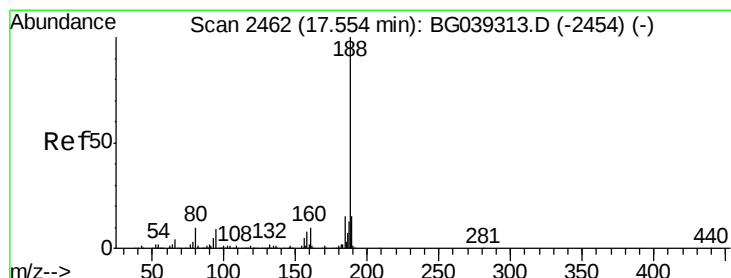
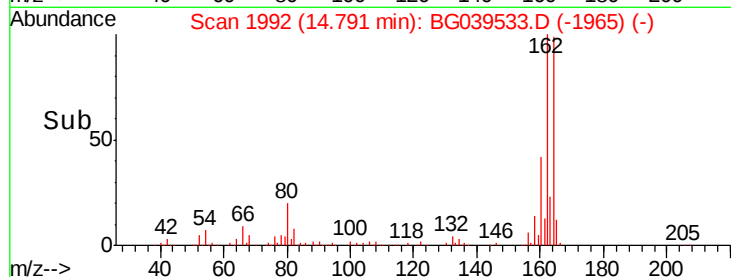
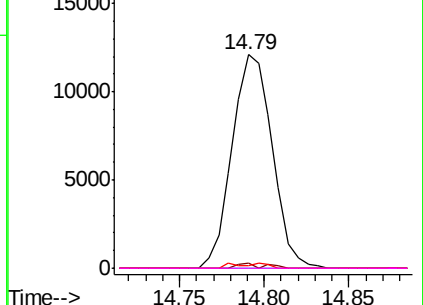


Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039533.D

Acq: 15 Feb 2019 22:41

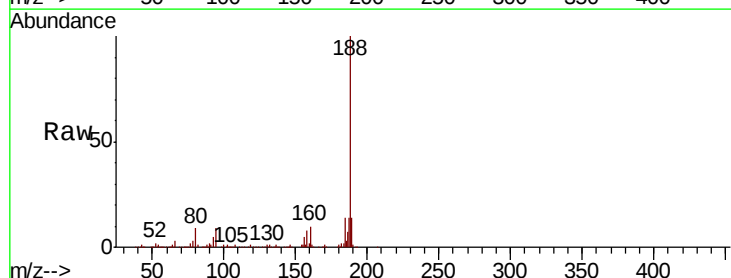
Tgt Ion:188 Resp: 376799

Ion Ratio Lower Upper

188 100

94 8.6 6.9 10.3

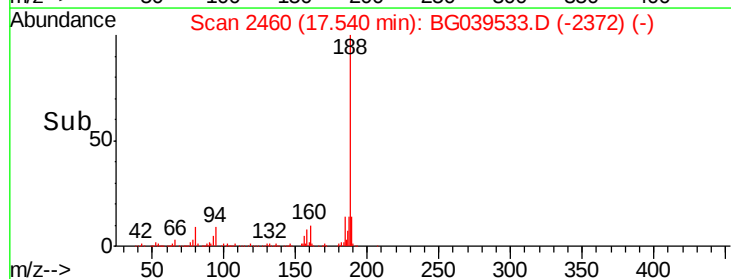
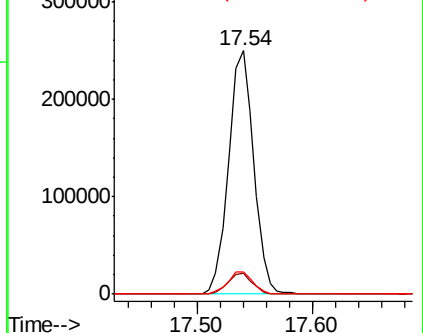
80 9.2 8.1 12.1

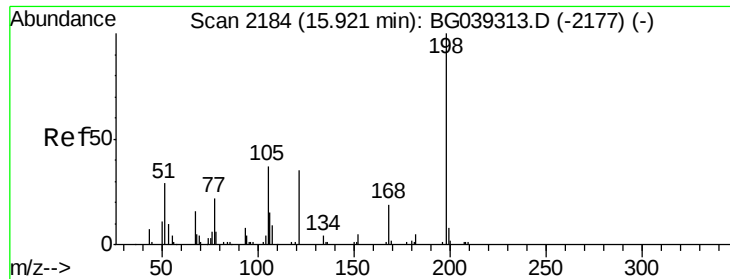


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

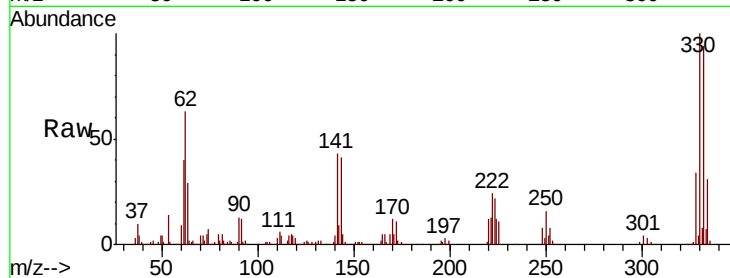




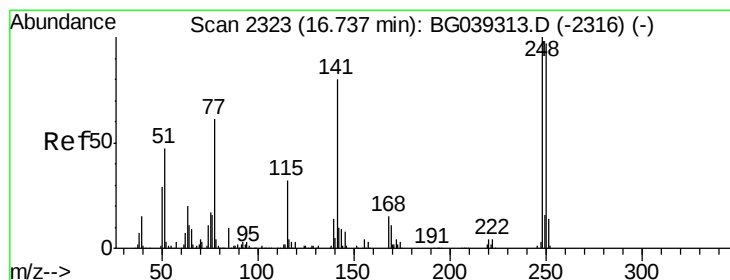
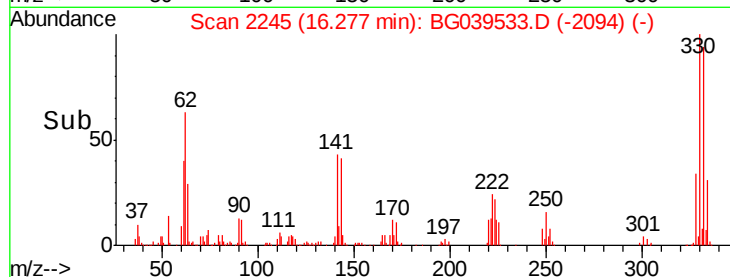
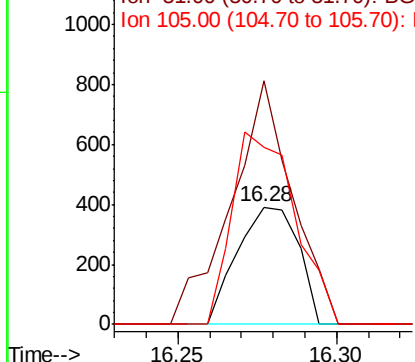
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.620 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. 0.36 min
 Lab File: BG039533.D
 Acq: 15 Feb 2019 22:41

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021419-D

Tgt Ion:198 Resp: 524
 Ion Ratio Lower Upper
 198 100
 51 207.7 27.4 67.4#
 105 150.6 19.7 59.7#

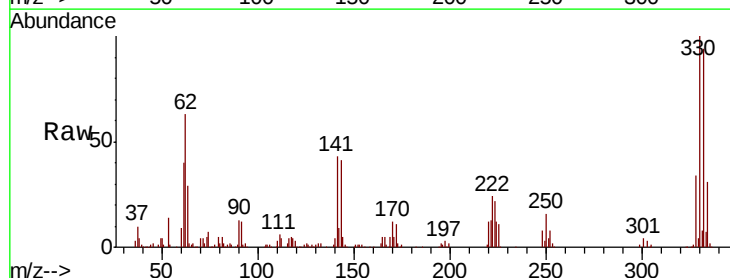


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

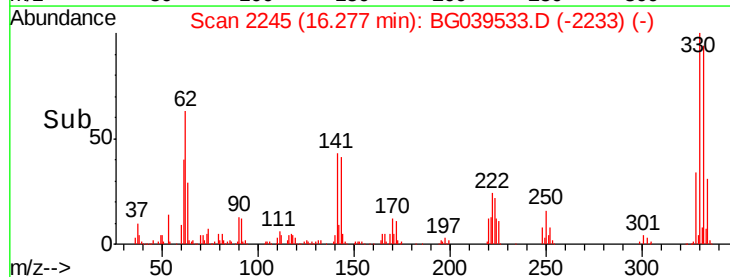
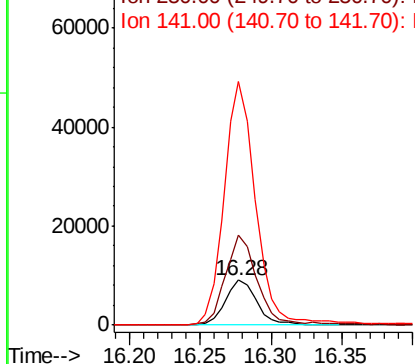


#67
 4-Bromophenyl-phenylether
 Concen: 3.440 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.46 min
 Lab File: BG039533.D
 Acq: 15 Feb 2019 22:41

Tgt Ion:248 Resp: 14378
 Ion Ratio Lower Upper
 248 100
 250 199.5 77.6 116.4#
 141 540.7 63.9 95.9#



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

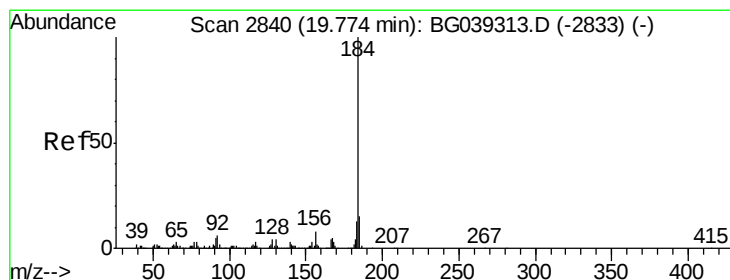
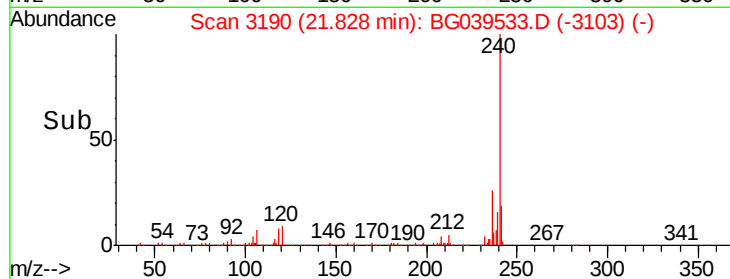
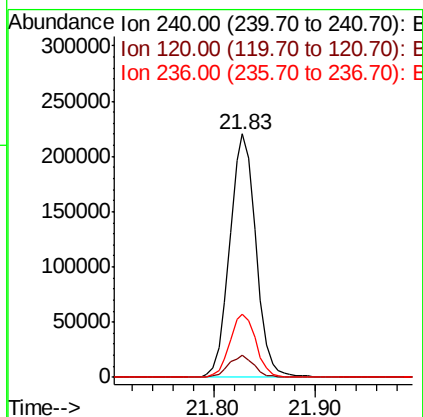
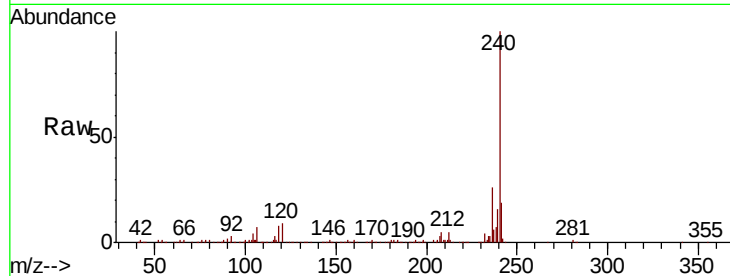




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.83 min Scan# 3190
 Delta R.T. -0.02 min
 Lab File: BG039533.D
 Acq: 15 Feb 2019 22:41

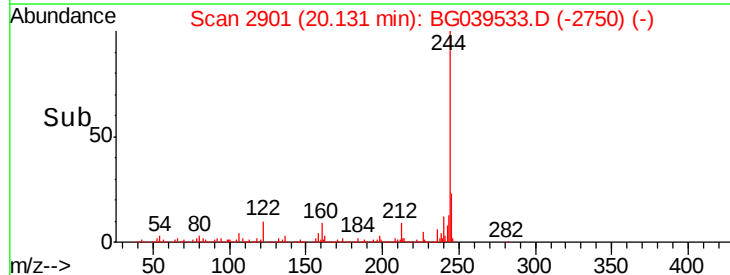
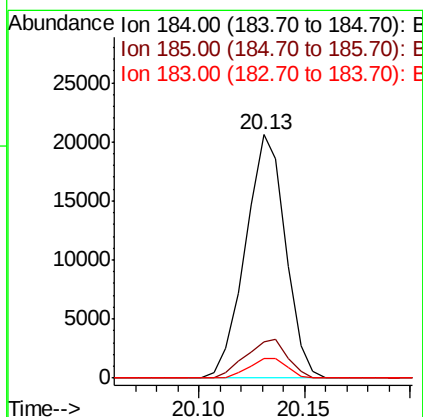
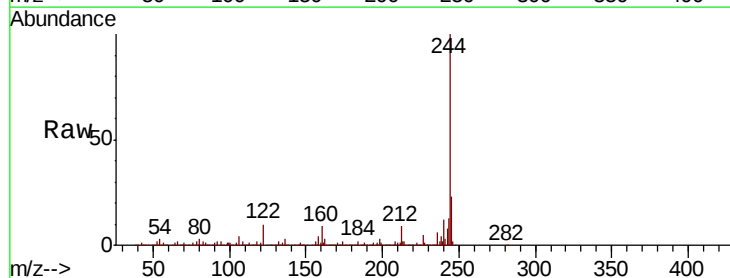
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021419-D

Tgt Ion: 240 Resp: 393933
 Ion Ratio Lower Upper
 240 100
 120 8.9 7.0 10.6
 236 25.8 21.0 31.4



#77
 Benzidine
 Concen: 2.095 ng
 RT: 20.13 min Scan# 2901
 Delta R.T. 0.36 min
 Lab File: BG039533.D
 Acq: 15 Feb 2019 22:41

Tgt Ion: 184 Resp: 27054
 Ion Ratio Lower Upper
 184 100
 185 14.7 12.2 18.2
 183 8.1 10.6 15.8#

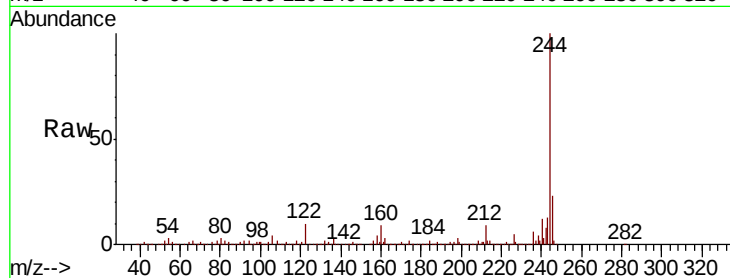




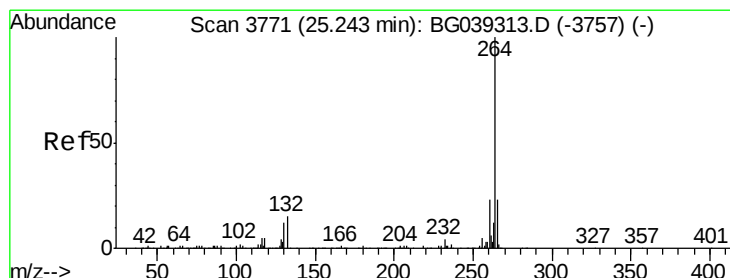
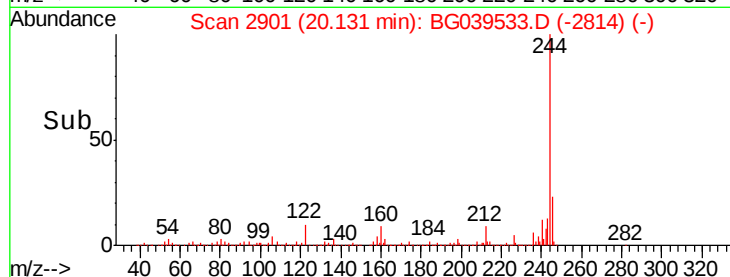
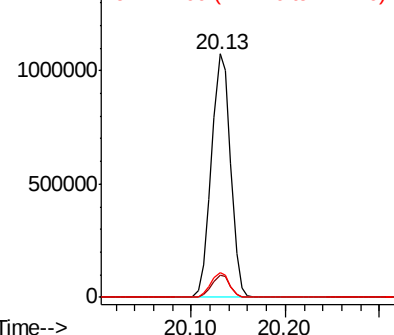
#79
 Terphenyl-d14
 Concen: 82.078 ng
 RT: 20.13 min Scan# 2901
 Delta R.T. -0.02 min
 Lab File: BG039533.D
 Acq: 15 Feb 2019 22:41

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-021419-D

Tgt Ion:244 Resp: 1527534
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.3 10.9
 122 10.4 8.4 12.6

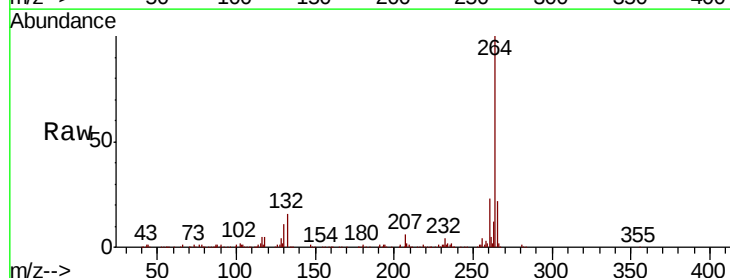


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.21 min Scan# 3766
 Delta R.T. -0.03 min
 Lab File: BG039533.D
 Acq: 15 Feb 2019 22:41

Tgt Ion:264 Resp: 377100
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.2 27.4
 265 22.1 18.5 27.7



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

