

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010819\
 Data File : BG039011.D
 Acq On : 9 Jan 2019 2:24
 Operator : JU/SJ
 Sample : K1072-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 09 03:05:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

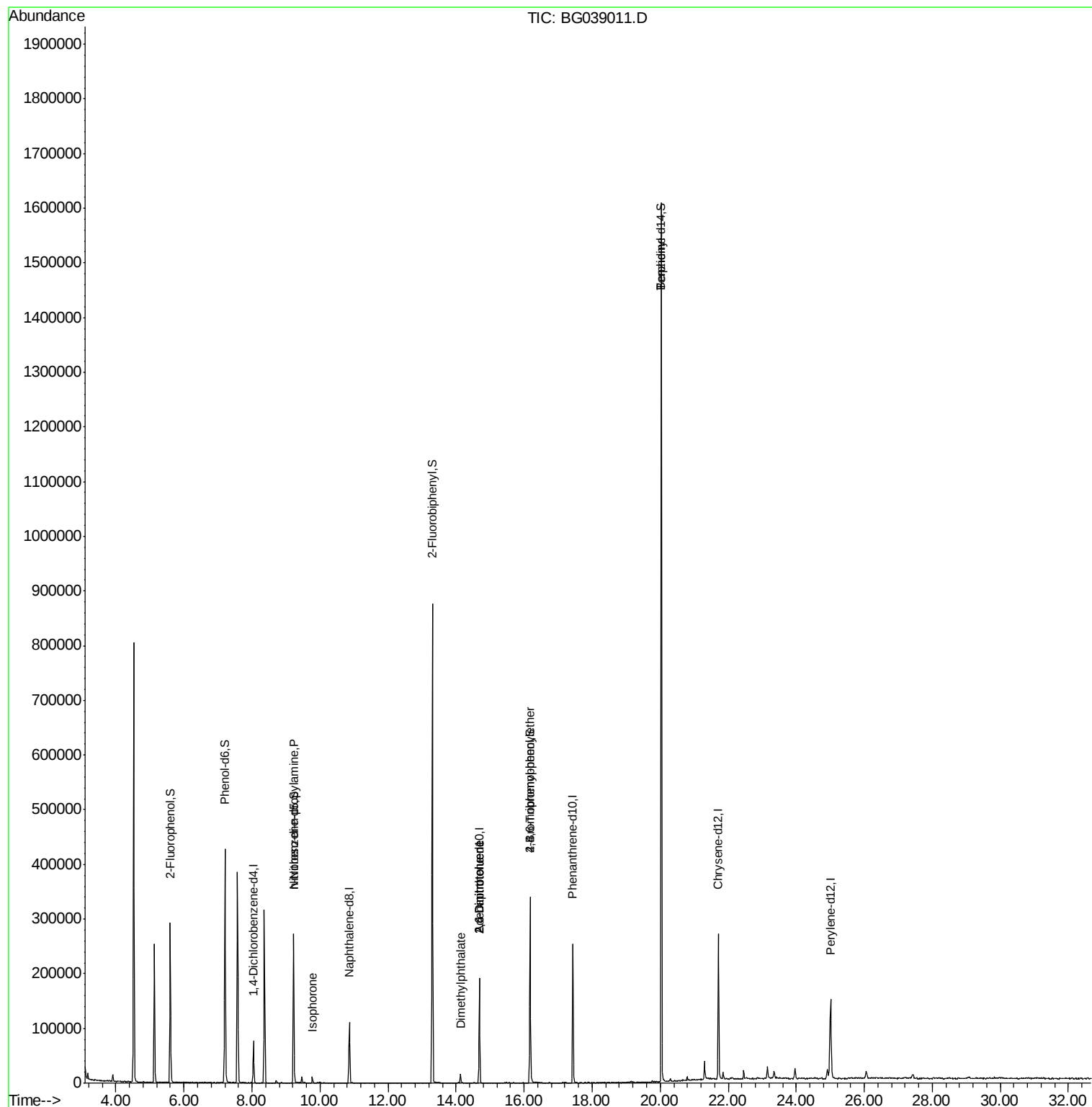
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	23304	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	101292	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	73490	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	173032	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	173132	20.00	ng	-0.01
87) Perylene-d12	25.01	264	183853	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	137386	104.56	ng	0.00
7) Phenol-d6	7.21	99	256641	142.28	ng	0.00
23) Nitrobenzene-d5	9.22	82	165672	83.56	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	80837	79.81	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	495617	92.52	ng	-0.02
79) Terphenyl-d14	20.03	244	858962	107.97	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	22609	17.847	ng	# 65
25) Isophorone	9.77	82	9621	2.701	ng	# 98
50) Dimethylphthalate	14.13	163	16094	2.682	ng	# 98
51) 2,6-Dinitrotoluene	14.68	165	9270	6.816	ng	# 19
57) 2,4-Dinitrotoluene	14.68	165	9270	4.839	ng	# 21
67) 4-Bromophenyl-phenylether	16.17	248	5220	2.470	ng	# 1
77) Benzidine	20.03	184	13257	2.589	ng	# 96

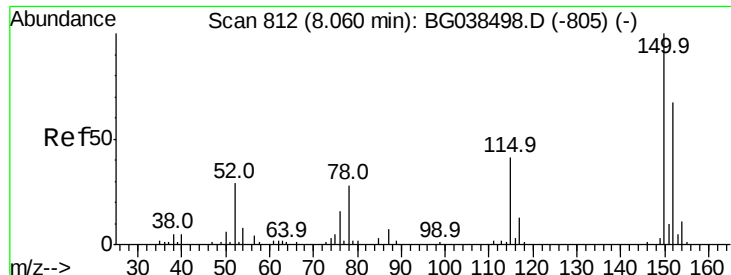
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010819\
Data File : BG039011.D
Acq On : 9 Jan 2019 2:24
Operator : JU/SJ
Sample : K1072-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 09 03:05:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BG039011.D

Acq: 9 Jan 2019 2:24

Instrument :

BNA_G

ClientSampled :

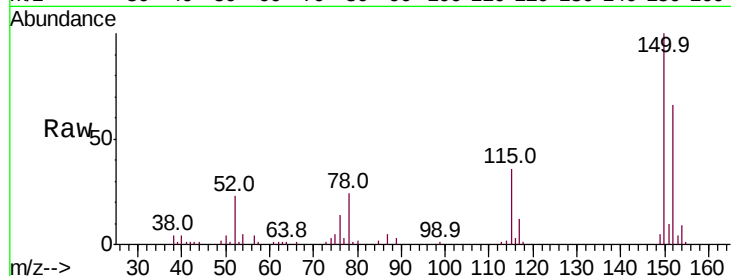
Tot Ion:152 Resp: 23304

Ion Ratio Lower Upper

152 100

150 152.5 119.5 179.3

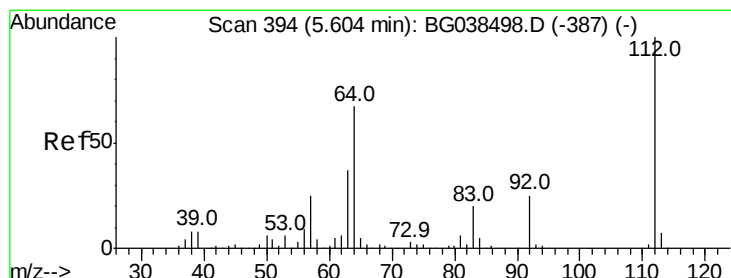
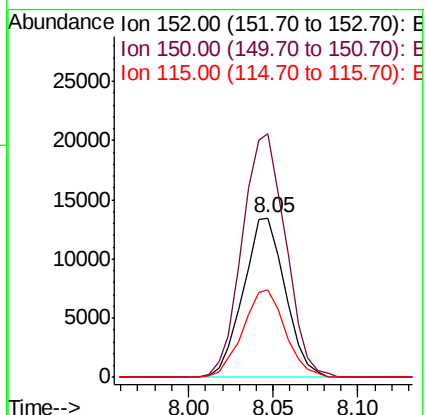
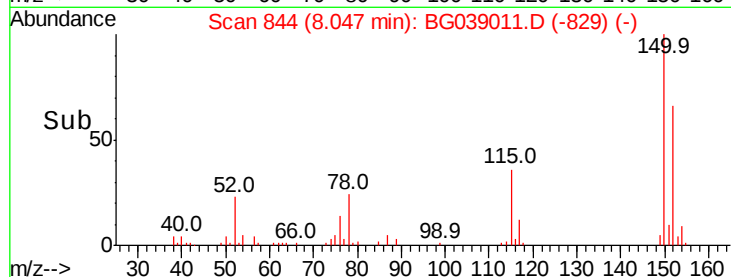
115 55.1 49.6 74.4



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: 104.564 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.00 min

Lab File: BG039011.D

Acq: 9 Jan 2019 2:24

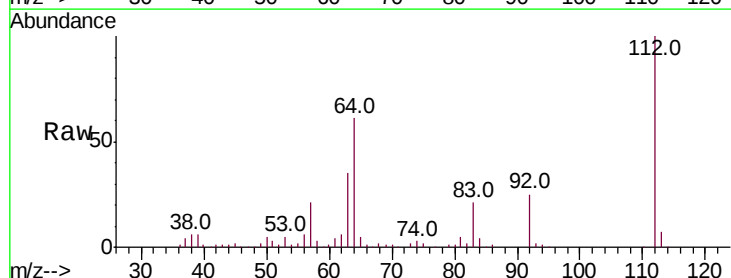
Tgt Ion:112 Resp: 137386

Ion Ratio Lower Upper

112 100

64 60.7 53.4 80.2

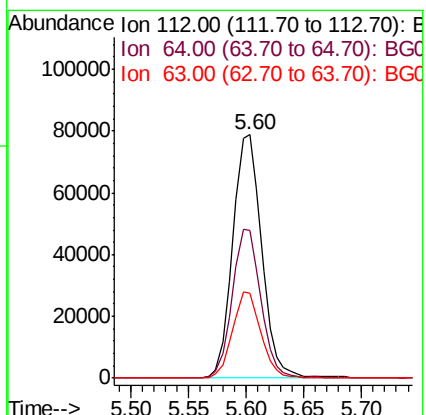
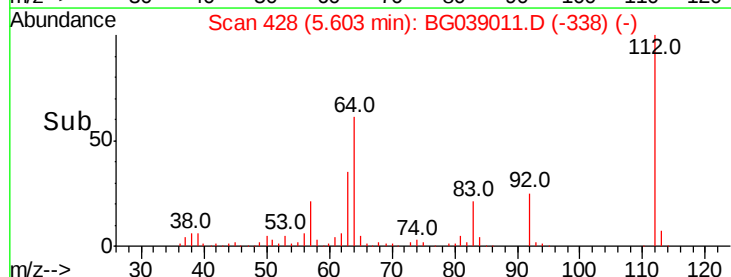
63 34.6 29.3 43.9

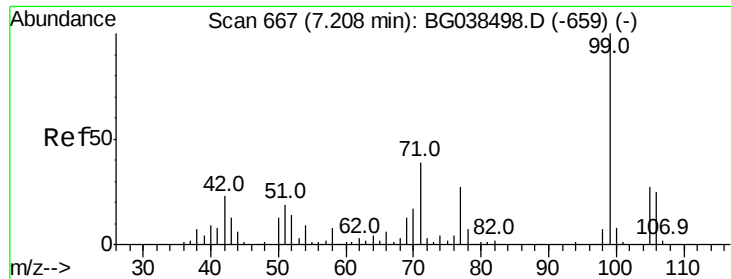


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 142.284 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG039011.D

Acq: 9 Jan 2019 2:24

Instrument :

BNA_G

ClientSampleId :

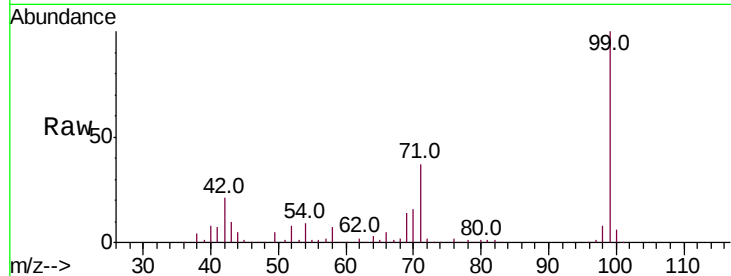
Tot Ion: 99 Resp: 256641

Ion Ratio Lower Upper

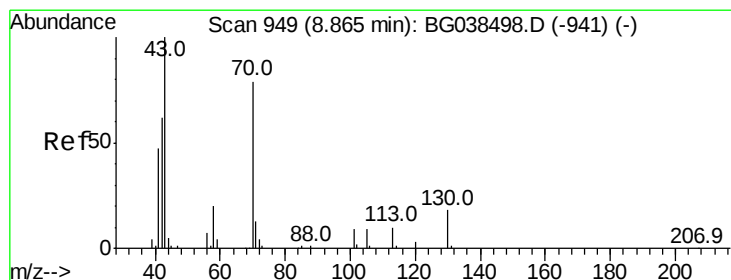
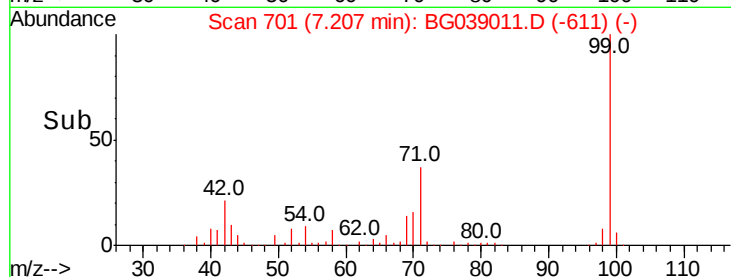
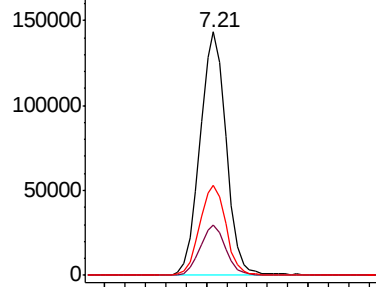
99 100

42 20.8 18.5 27.7

71 37.1 31.1 46.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.847 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.36 min

Lab File: BG039011.D

Acq: 9 Jan 2019 2:24

Tgt Ion: 70 Resp: 22609

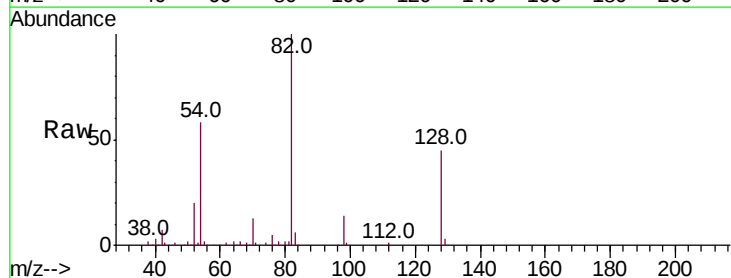
Ion Ratio Lower Upper

70 100

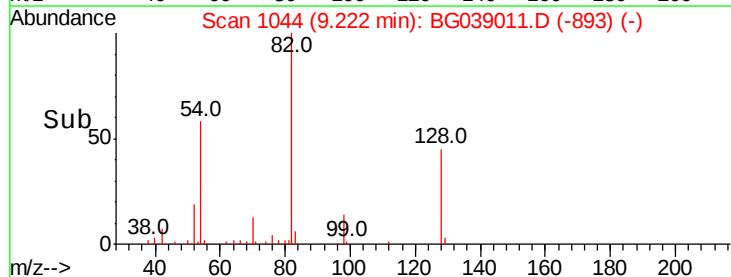
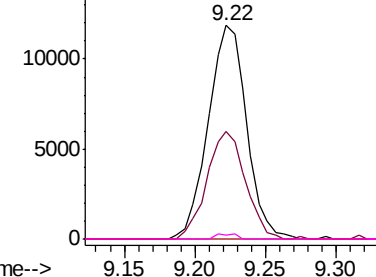
42 50.6 63.6 95.4#

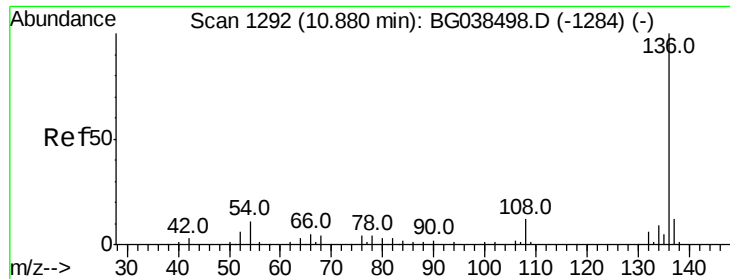
101 0.0 9.2 13.8#

130 1.7 18.5 27.7#



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

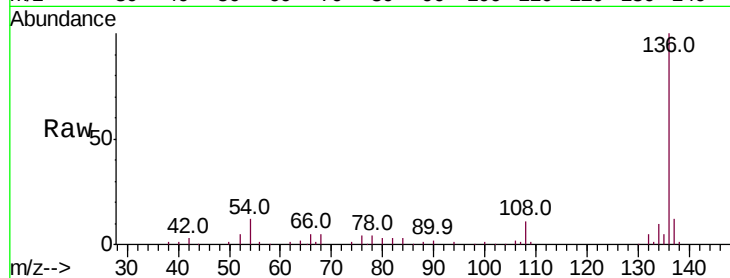




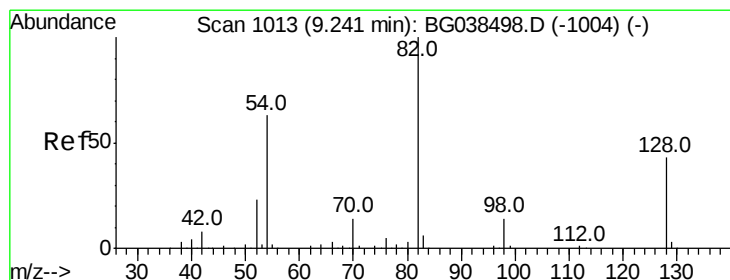
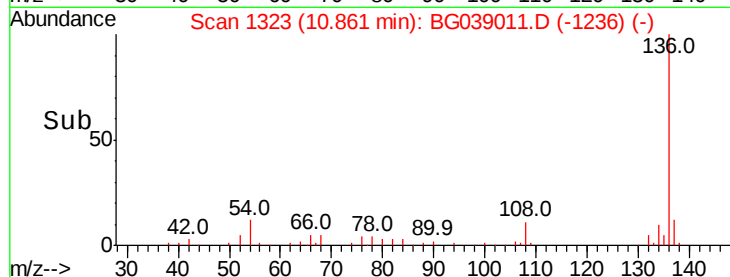
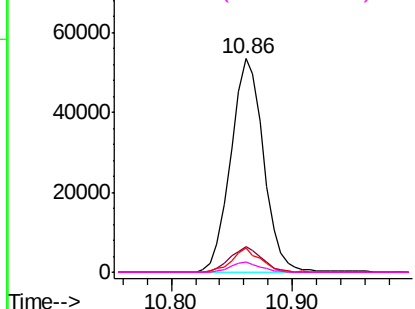
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG039011.D
Acq: 9 Jan 2019 2:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	101292
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.3	13.9
54	11.5	8.5	12.7
68	5.0	3.5	5.3

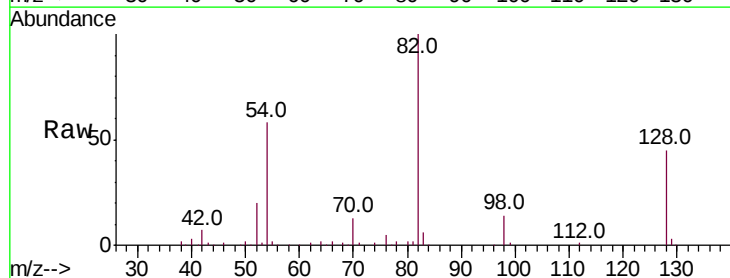


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

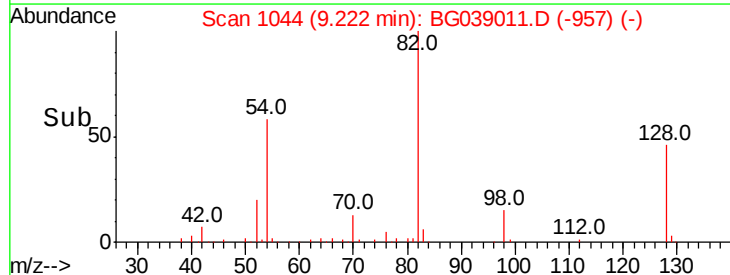
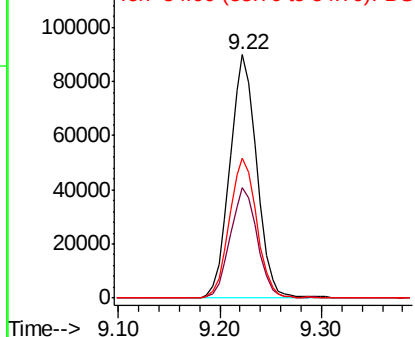


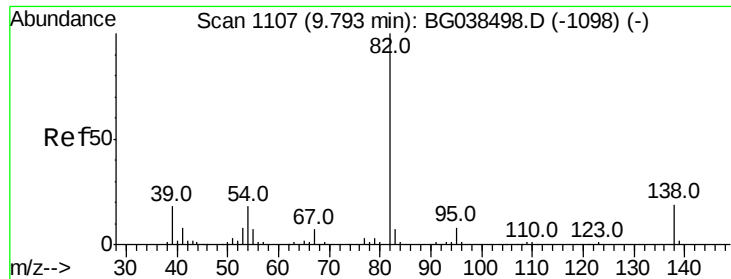
#23
Nitrobenzene-d5
Concen: 83.557 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG039011.D
Acq: 9 Jan 2019 2:24

Tgt Ion:	82	Resp:	165672
Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.6	52.0
54	57.6	50.6	76.0



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

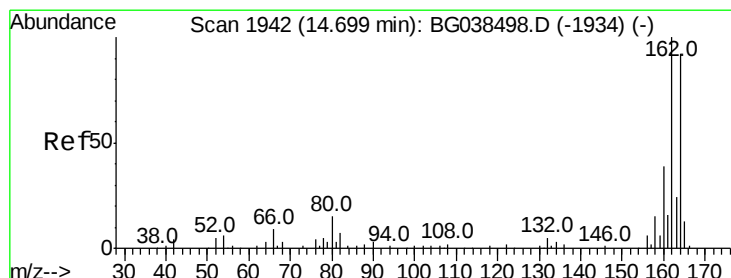
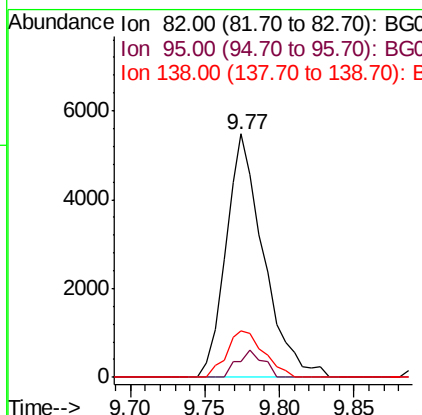
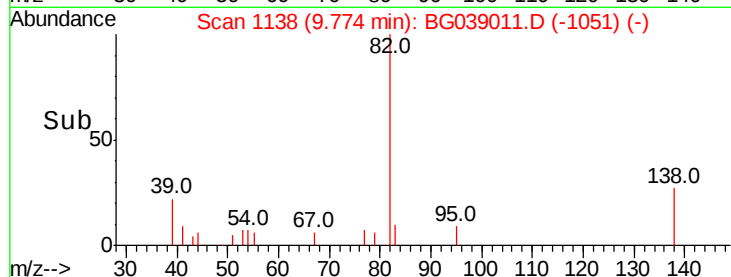
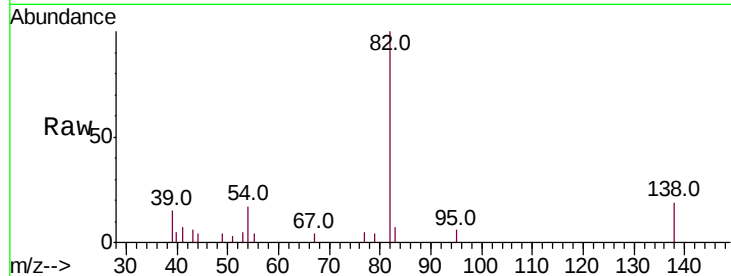




#25
Isophorone
Concen: 2.701 ng
RT: 9.77 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BG039011.D
Acq: 9 Jan 2019 2:24

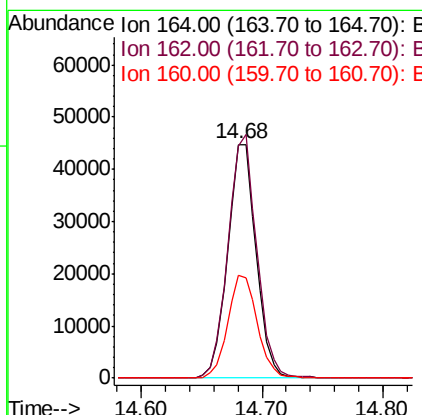
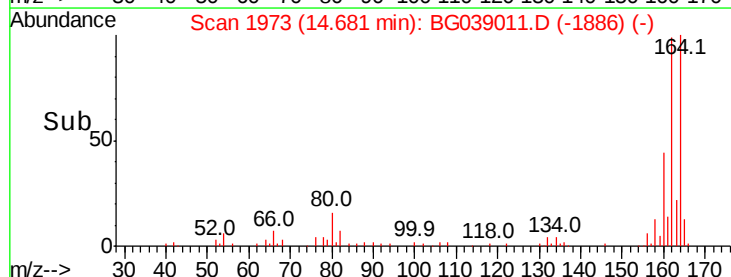
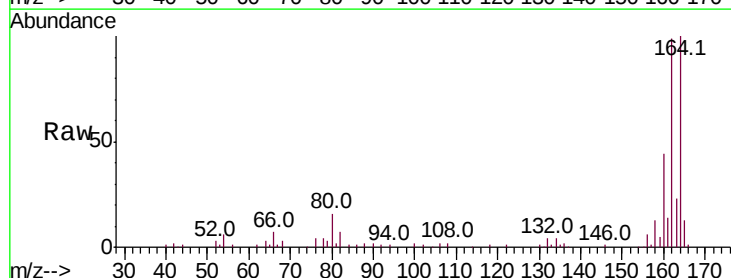
Instrument :
BNA_G
ClientSampleId :

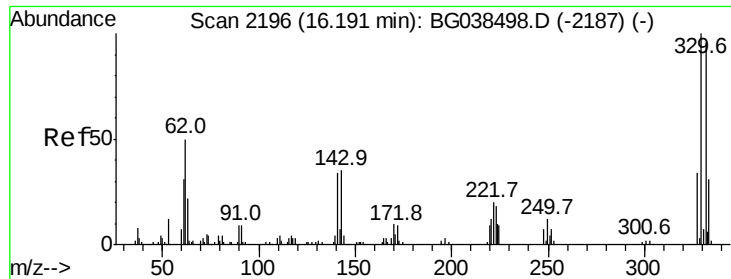
Tot Ion: 82 Resp: 9621
Ion Ratio Lower Upper
82 100
95 6.3 6.1 9.1
138 19.3 14.9 22.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG039011.D
Acq: 9 Jan 2019 2:24

Tgt Ion:164 Resp: 73490
Ion Ratio Lower Upper
164 100
162 99.2 86.6 130.0
160 44.2 34.2 51.2

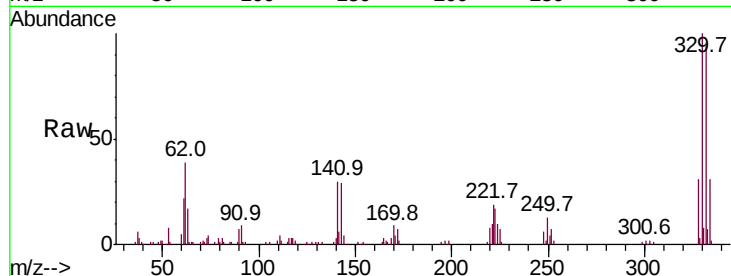




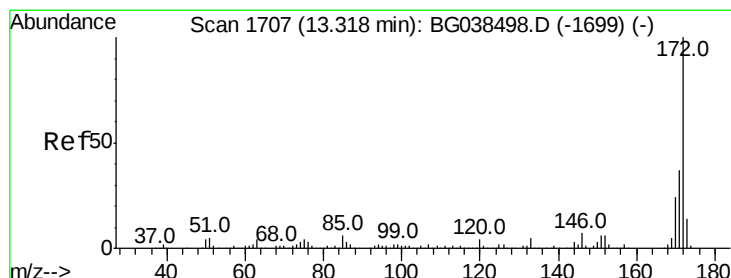
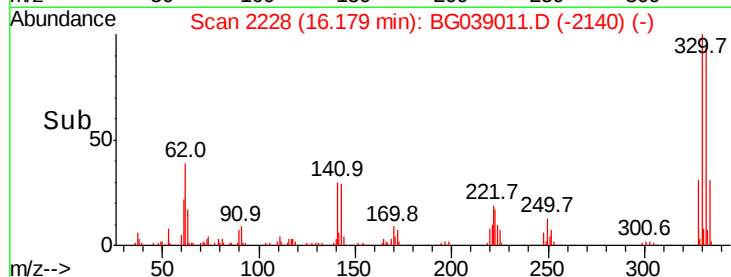
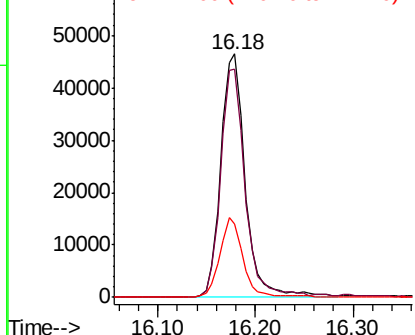
#42
 2,4,6-Tribromophenol
 Concen: 79.813 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG039011.D
 Acq: 9 Jan 2019 2:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 80837
 Ion Ratio Lower Upper
 330 100
 332 93.7 76.9 115.3
 141 30.5 28.8 43.2

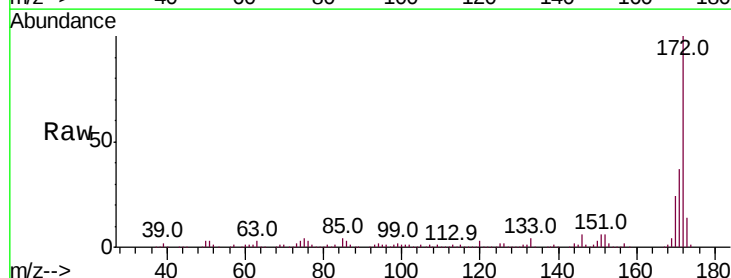


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

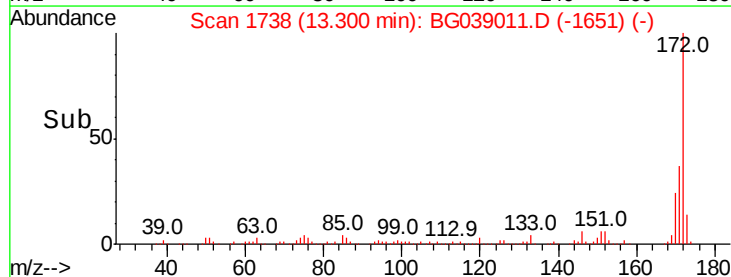
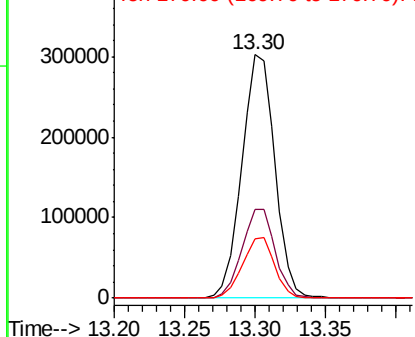


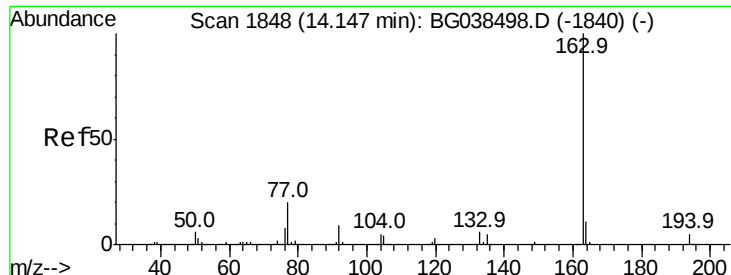
#45
 2-Fluorobiphenyl
 Concen: 92.518 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG039011.D
 Acq: 9 Jan 2019 2:24

Tgt Ion:172 Resp: 495617
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.8 44.6
 170 24.2 19.5 29.3



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: 2.682 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG039011.D

Acq: 9 Jan 2019 2:24

Instrument :

BNA_G

ClientSampleId :

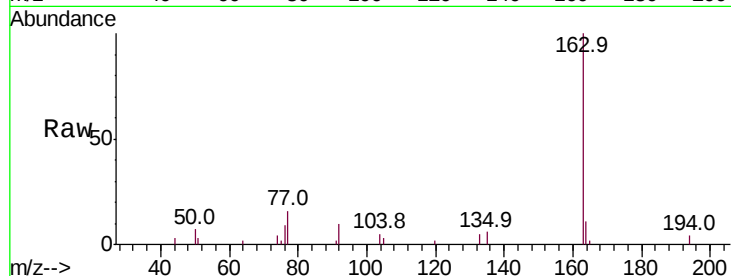
Tot Ion:163 Resp: 16094

Ion Ratio Lower Upper

163 100

194 3.5 3.7 5.5#

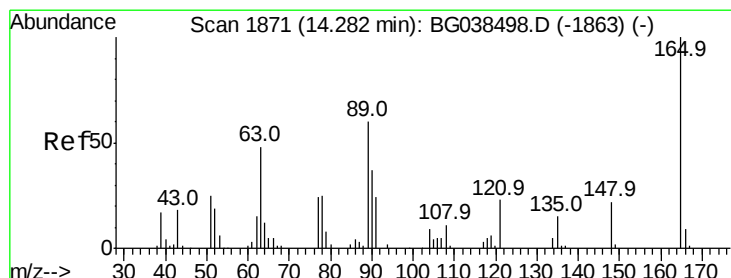
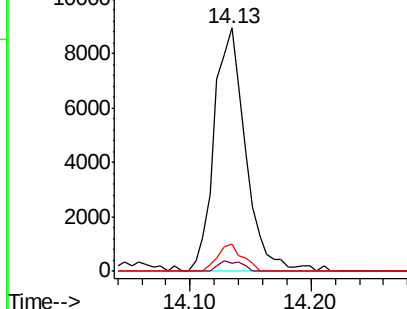
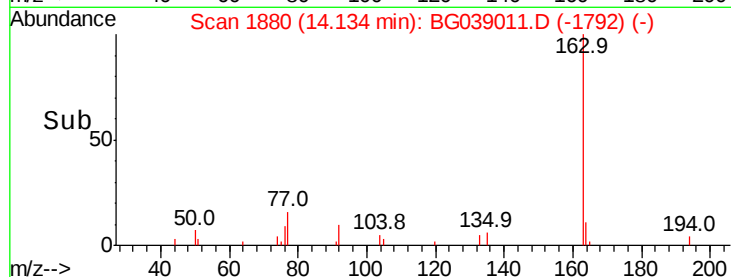
164 11.3 8.6 12.8



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



#51

2,6-Dinitrotoluene

Concen: 6.816 ng

RT: 14.68 min Scan# 1973

Delta R.T. 0.40 min

Lab File: BG039011.D

Acq: 9 Jan 2019 2:24

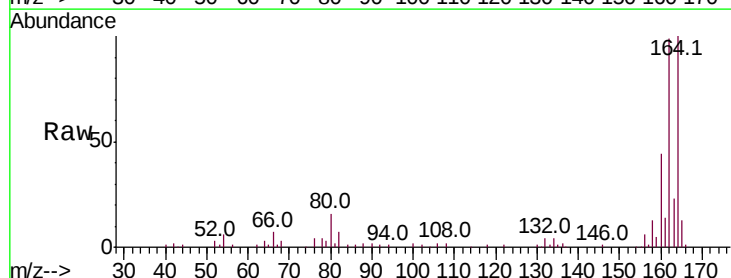
Tgt Ion:165 Resp: 9270

Ion Ratio Lower Upper

165 100

63 0.0 51.8 77.6#

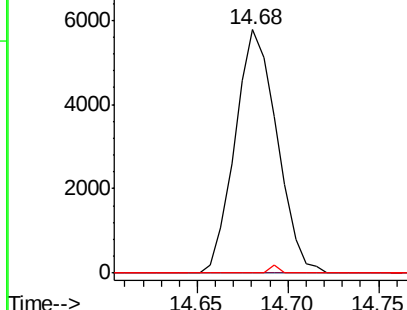
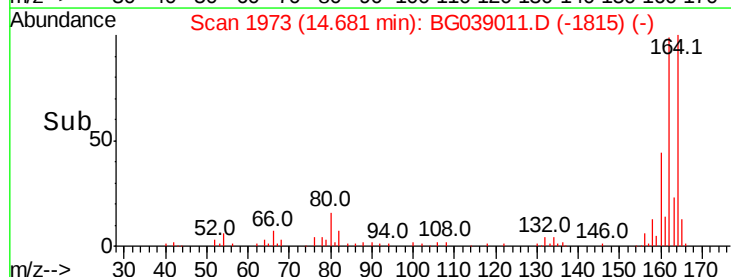
89 0.0 47.9 71.9#

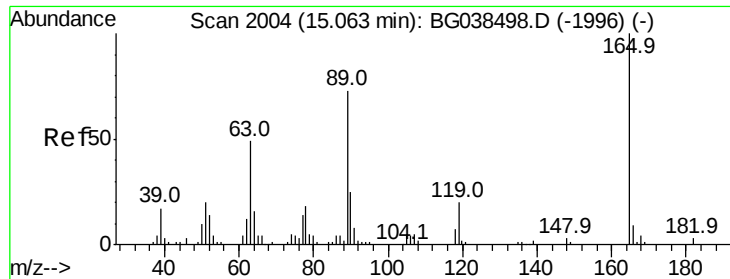


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

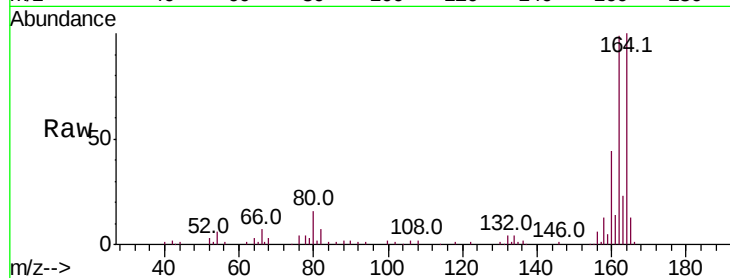




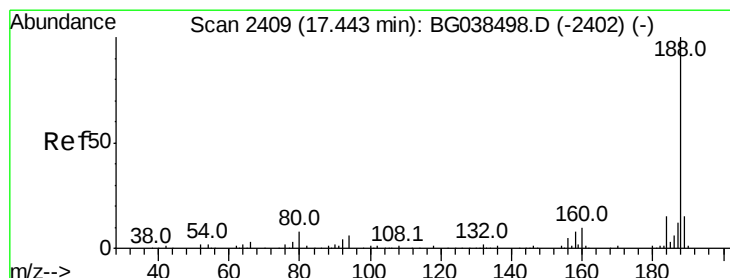
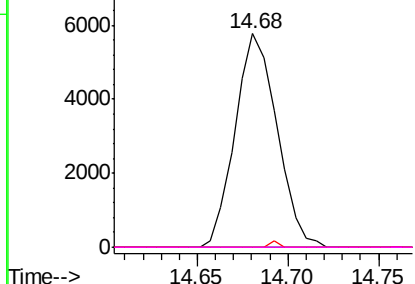
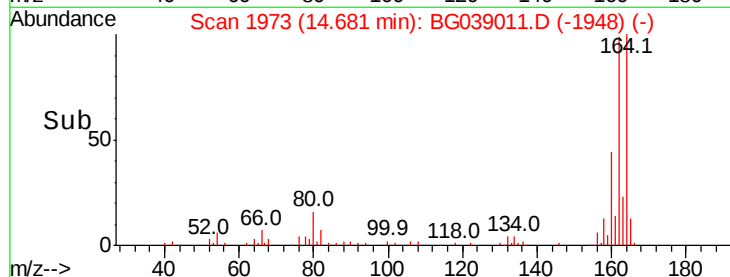
#57
 2,4-Dinitrotoluene
 Concen: 4.839 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.38 min
 Lab File: BG039011.D
 Acq: 9 Jan 2019 2:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 9270
 Ion Ratio Lower Upper
 165 100
 63 0.0 39.0 58.4#
 89 0.0 58.0 87.0#
 182 0.0 2.3 3.5#

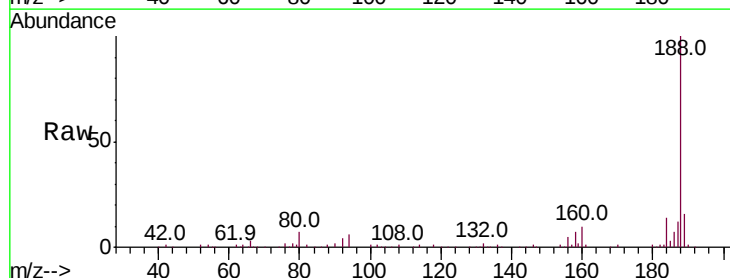


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

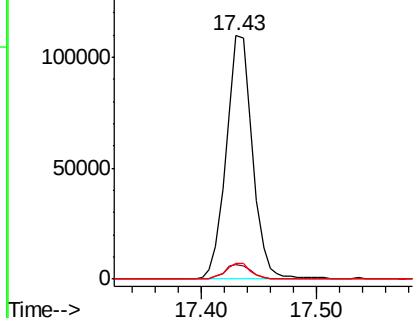
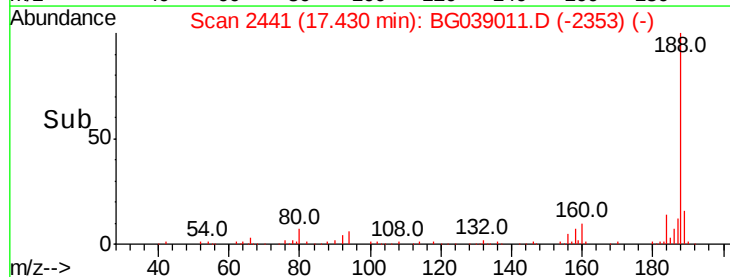


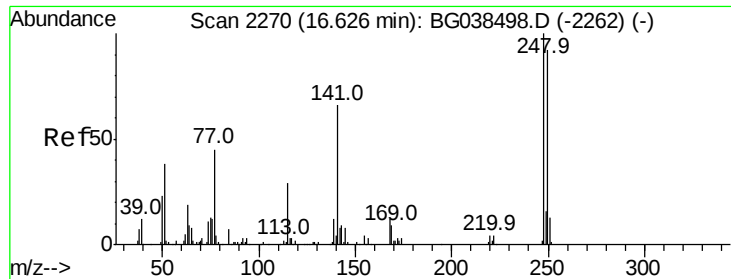
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BG039011.D
 Acq: 9 Jan 2019 2:24

Tgt Ion:188 Resp: 173032
 Ion Ratio Lower Upper
 188 100
 94 5.9 5.1 7.7
 80 6.6 6.1 9.1



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

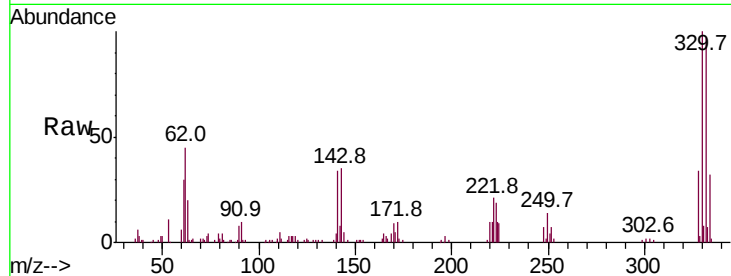




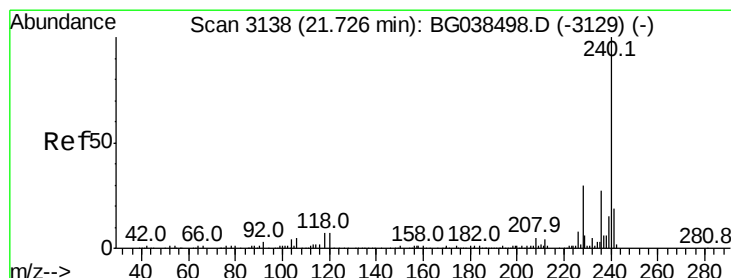
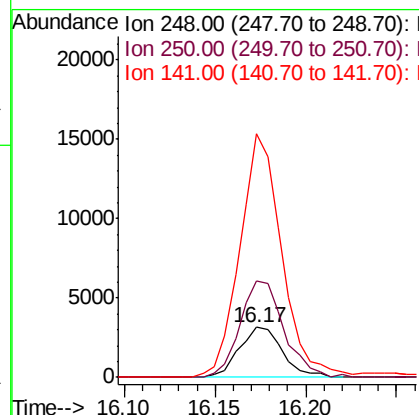
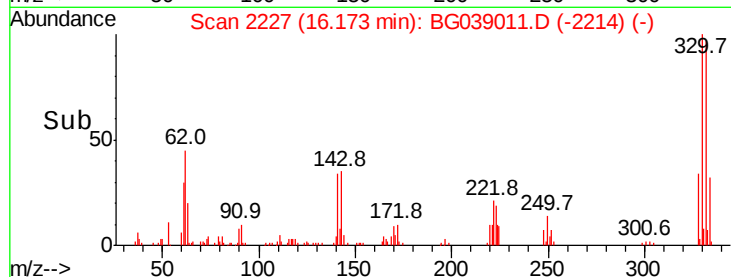
#67
 4-Bromophenyl-phenylether
 Concen: 2.470 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.45 min
 Lab File: BG039011.D
 Acq: 9 Jan 2019 2:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 5220
 Ion Ratio Lower Upper
 248 100
 250 185.0 73.4 110.2#
 141 362.3 52.9 79.3#

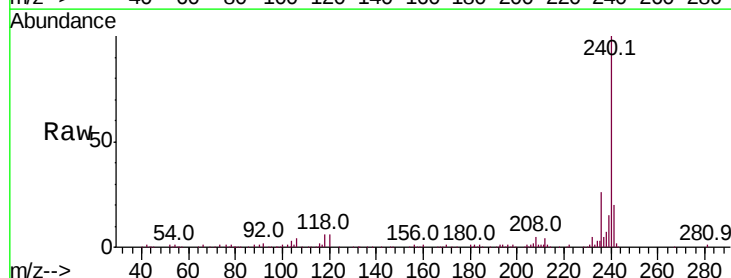


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

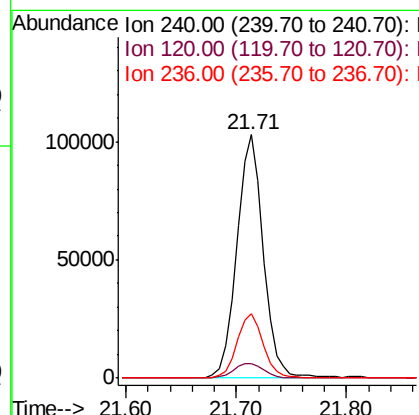
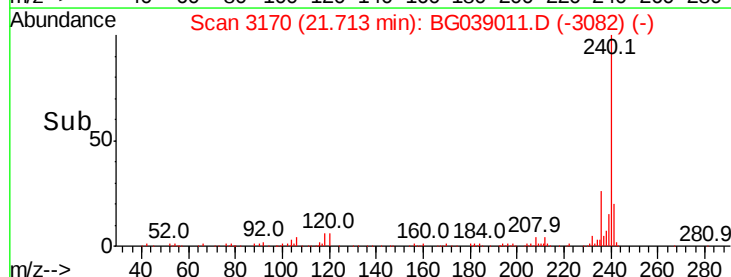


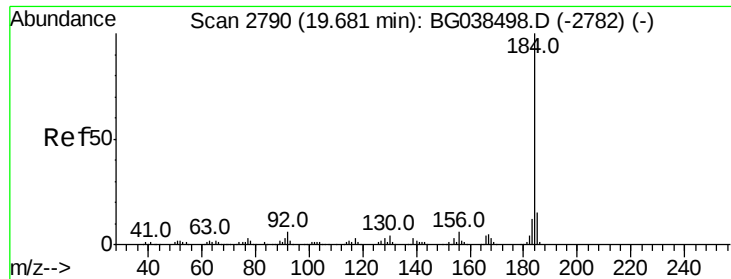
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BG039011.D
 Acq: 9 Jan 2019 2:24

Tgt Ion:240 Resp: 173132
 Ion Ratio Lower Upper
 240 100
 120 6.1 5.3 7.9
 236 26.5 21.4 32.2



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: 2.589 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.35 min

Lab File: BG039011.D

Acq: 9 Jan 2019 2:24

Instrument :

BNA_G

ClientSampled :

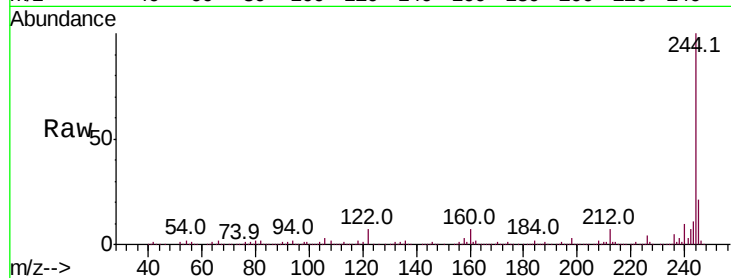
Tot Ion:184 Resp: 13257

Ion Ratio Lower Upper

184 100

185 15.5 12.2 18.2

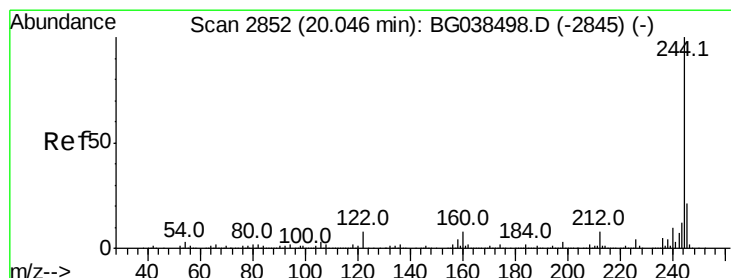
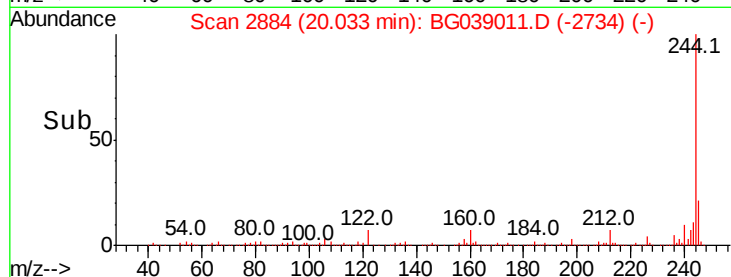
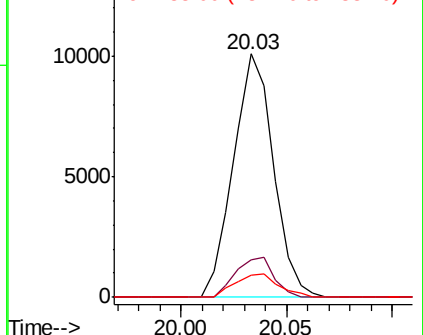
183 8.9 9.6 14.4#



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: 107.975 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG039011.D

Acq: 9 Jan 2019 2:24

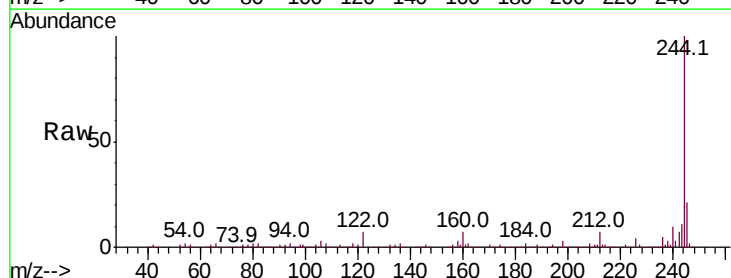
Tgt Ion:244 Resp: 858962

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

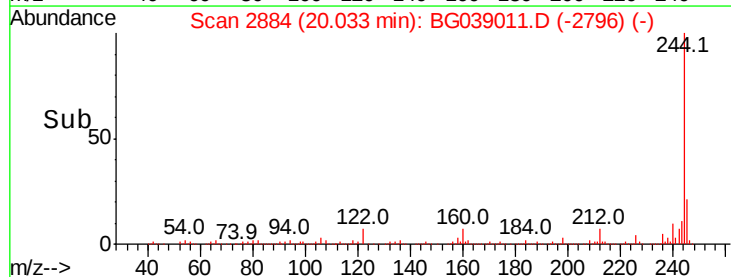
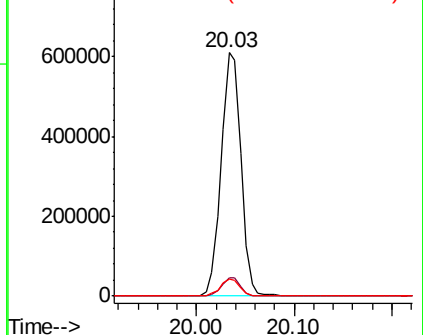
122 7.2 6.3 9.5

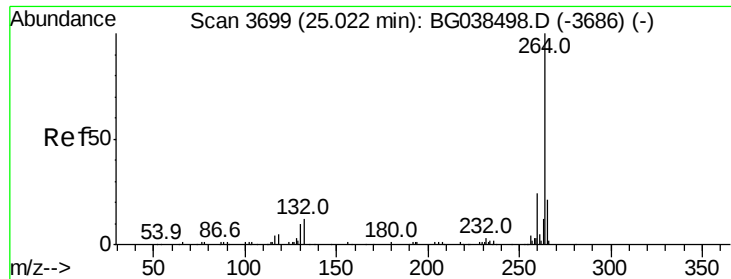


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.01 min Scan# 3731
 Delta R.T. -0.01 min
 Lab File: BG039011.D
 Acq: 9 Jan 2019 2:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	20.7	17.0	25.4

