

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021419\
 Data File : BG039521.D
 Acq On : 15 Feb 2019 00:34
 Operator : JU/SJ
 Sample : PB117115BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117115BL

Quant Time: Feb 15 03:13:54 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

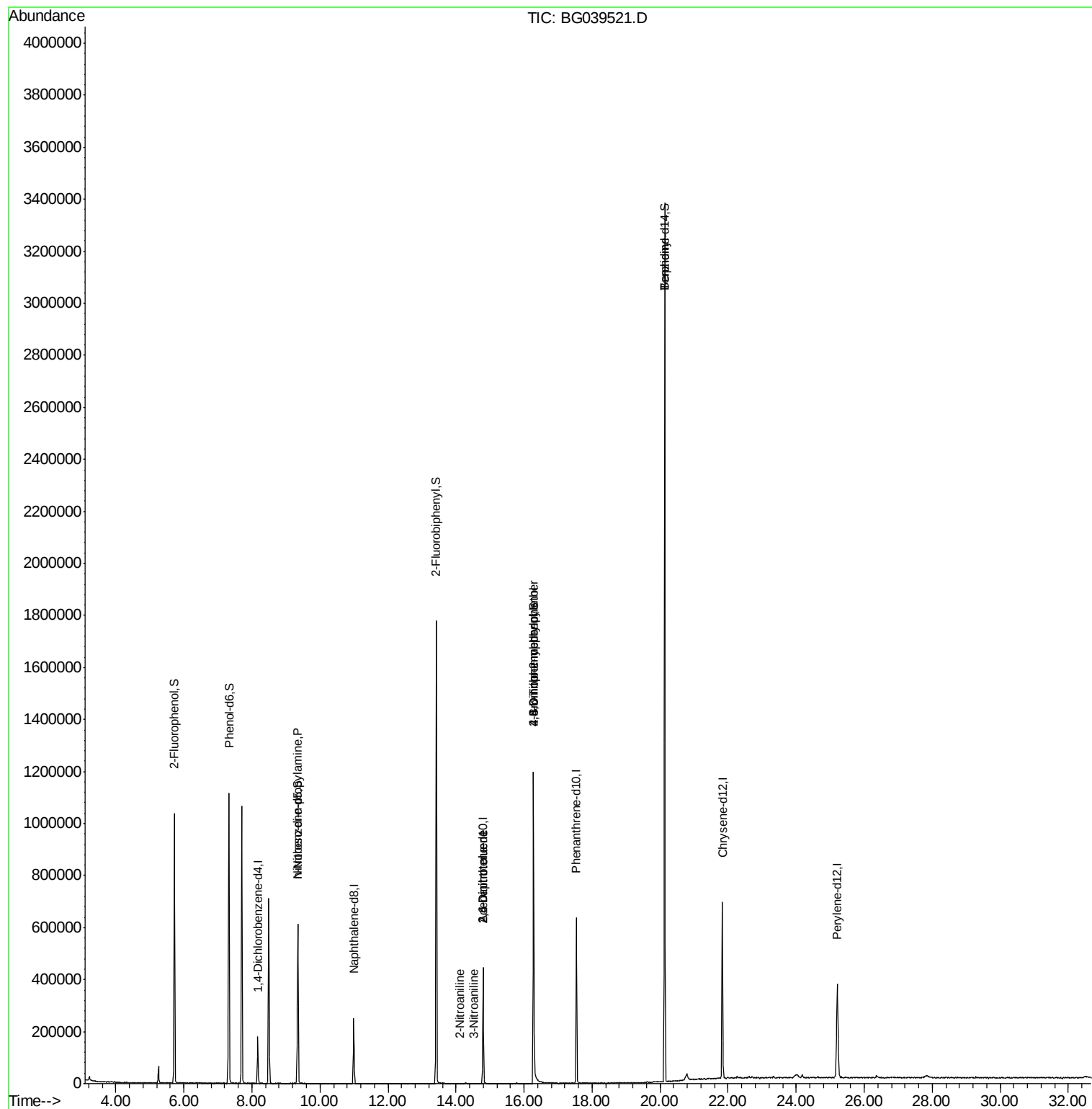
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	47984	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	214638	20.00	ng	-0.02
39) Acenaphthene-d10	14.80	164	160758	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	394612	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	417354	20.00	ng	-0.02
87) Perylene-d12	25.21	264	410899	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	443449	158.17	ng	0.00
7) Phenol-d6	7.32	99	664622	161.05	ng	0.00
23) Nitrobenzene-d5	9.34	82	367640	107.00	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	233444	134.85	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	967049	86.30	ng	-0.02
79) Terphenyl-d14	20.13	244	1603415	81.32	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.32	77	1149	Below Cal	Qvalue	
19) n-Nitroso-di-n-propylamine	9.35	70	47952	16.371 ng	#	4
48) 2-Nitroaniline	14.11	65	83	8.320 ng	#	10
51) 2,6-Dinitrotoluene	14.80	165	20815	13.965 ng	#	23
53) 3-Nitroaniline	14.53	138	65	5.815 ng	#	1
57) 2,4-Dinitrotoluene	14.80	165	20815	13.430 ng	#	18
65) 4,6-Dinitro-2-methylphenol	16.28	198	866	4.879 ng	#	1
67) 4-Bromophenyl-phenylether	16.28	248	18321	4.185 ng	#	1
77) Benzidine	20.13	184	28228	2.063 ng	#	92

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021419\
Data File : BG039521.D
Acq On : 15 Feb 2019 00:34
Operator : JU/SJ
Sample : PB117115BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB117115BL

Quant Time: Feb 15 03:13:54 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



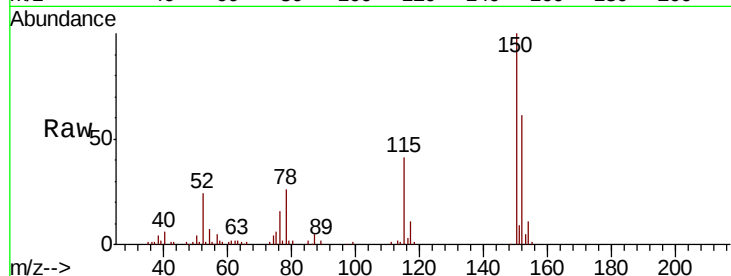


#1

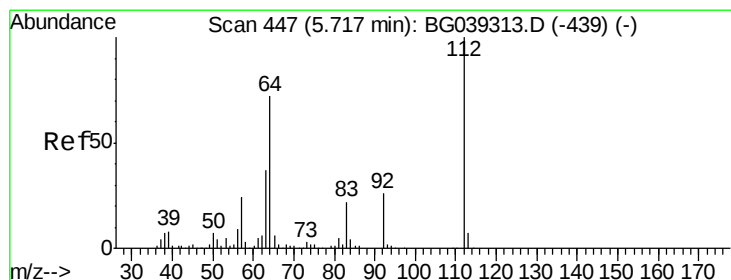
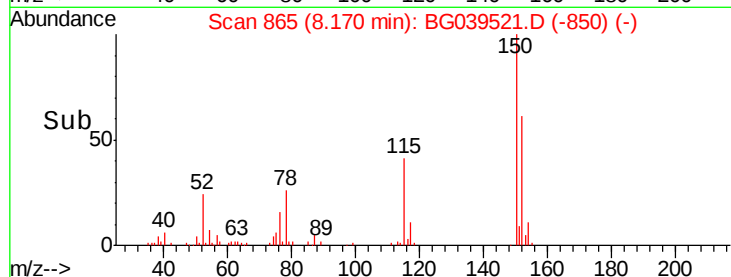
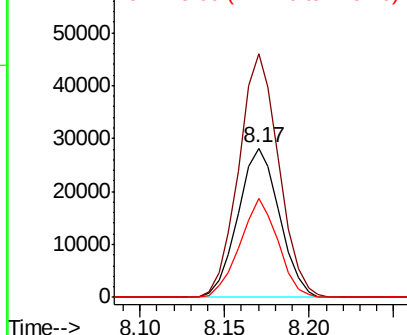
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039521.D
Acq: 15 Feb 2019 00:34

Instrument :
BNA_G
ClientSampleId :
PB117115BL

Tgt Ion:152 Resp: 47984
Ion Ratio Lower Upper
152 100
150 163.5 123.7 185.5
115 66.6 45.9 68.9



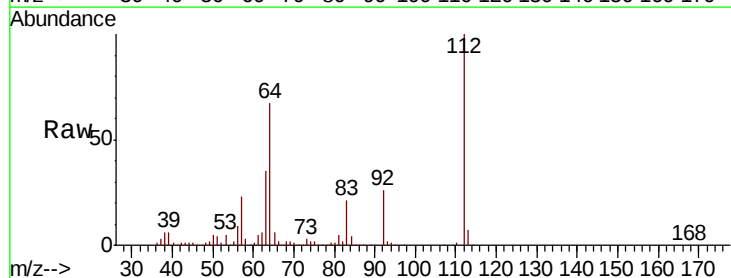
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



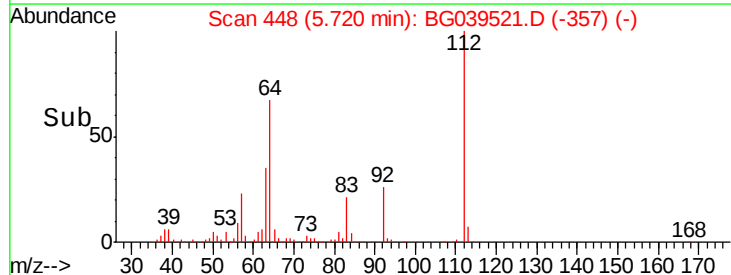
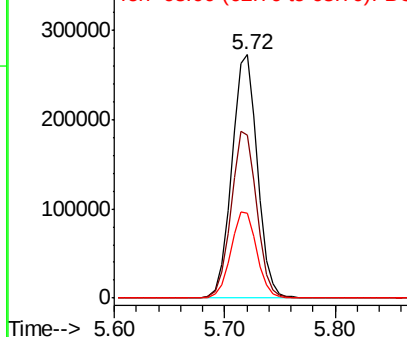
#5

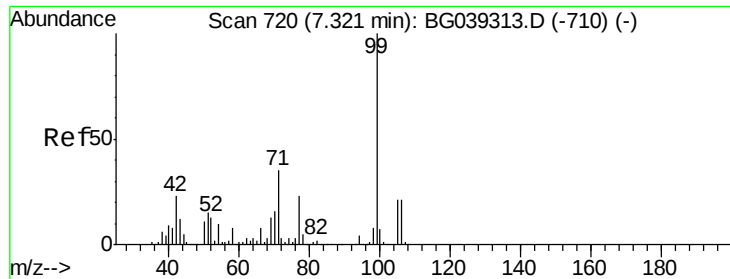
2-Fluorophenol
Concen: 158.171 ng
RT: 5.72 min Scan# 448
Delta R.T. 0.00 min
Lab File: BG039521.D
Acq: 15 Feb 2019 00:34

Tgt Ion:112 Resp: 443449
Ion Ratio Lower Upper
112 100
64 66.9 57.8 86.8
63 35.0 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: 161.049 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039521.D

Acq: 15 Feb 2019 00:34

Instrument :

BNA_G

ClientSampleId :

PB117115BL

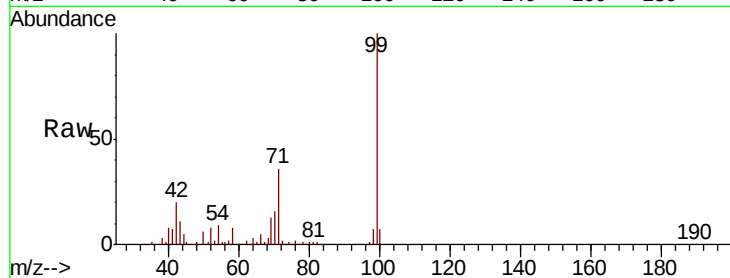
Tgt Ion: 99 Resp: 664622

Ion Ratio Lower Upper

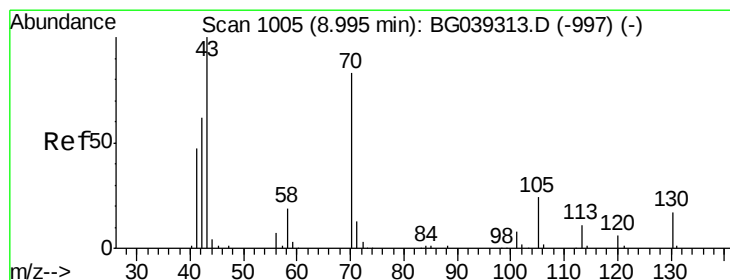
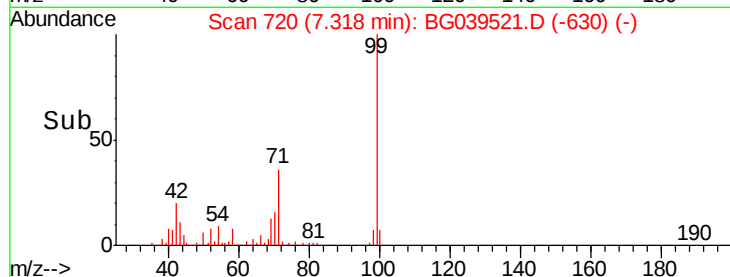
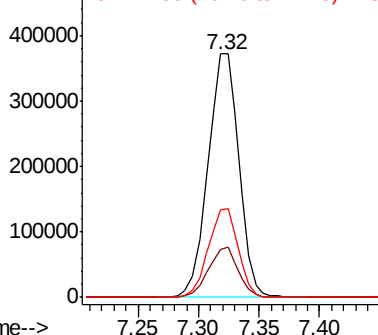
99 100

42 19.8 18.2 27.2

71 36.2 28.0 42.0



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: 16.371 ng

RT: 9.35 min Scan# 1066

Delta R.T. 0.36 min

Lab File: BG039521.D

Acq: 15 Feb 2019 00:34

Tgt Ion: 70 Resp: 47952

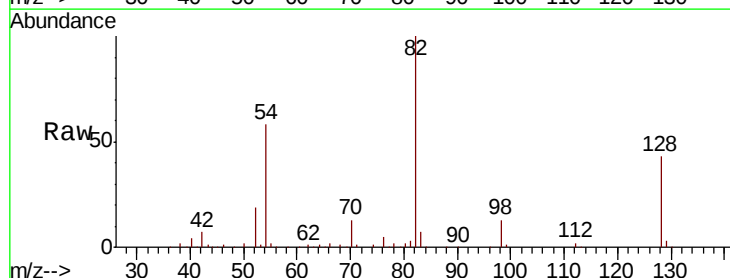
Ion Ratio Lower Upper

70 100

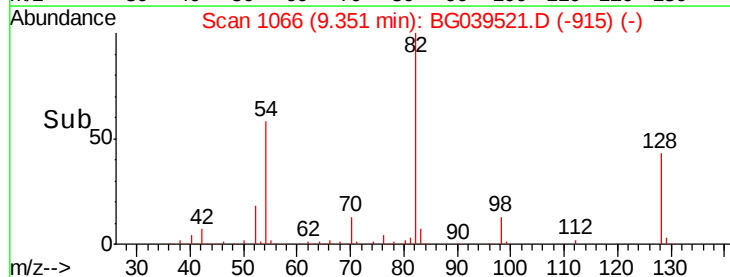
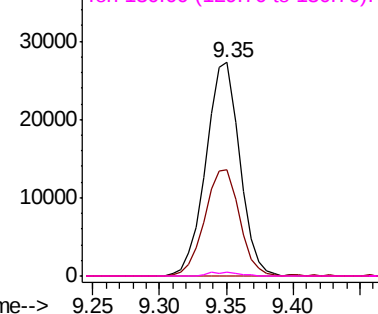
42 49.5 60.4 90.6#

101 0.0 7.5 11.3#

130 1.5 16.9 25.3#



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

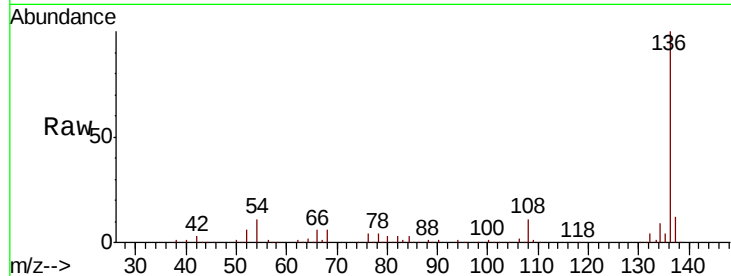




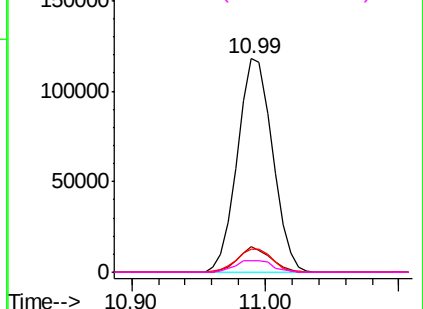
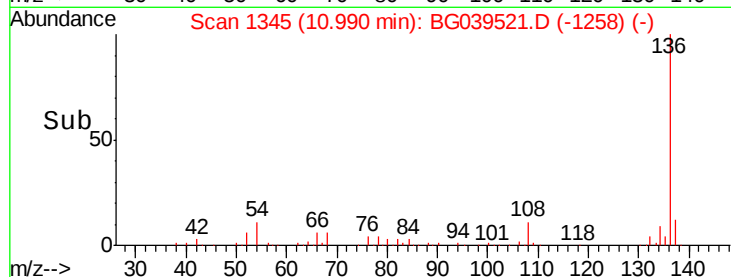
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039521.D
Acq: 15 Feb 2019 00:34

Instrument :
BNA_G
ClientSampleId :
PB117115BL

Tgt Ion:	136	Resp:	214638
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.1	13.7
54	11.0	9.4	14.2
68	5.6	4.2	6.4

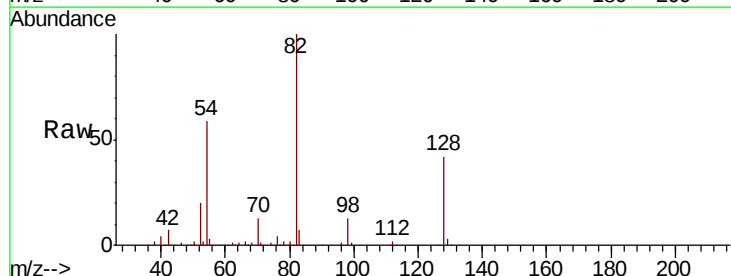


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

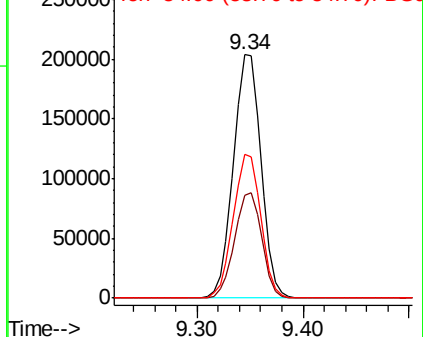
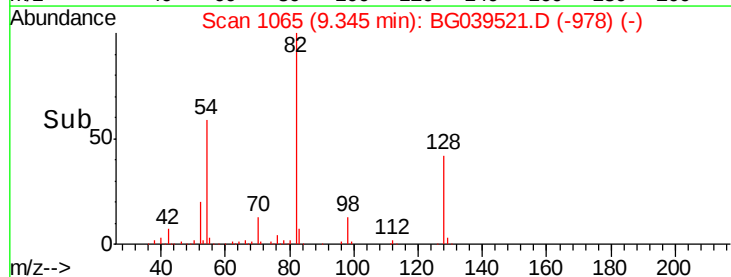


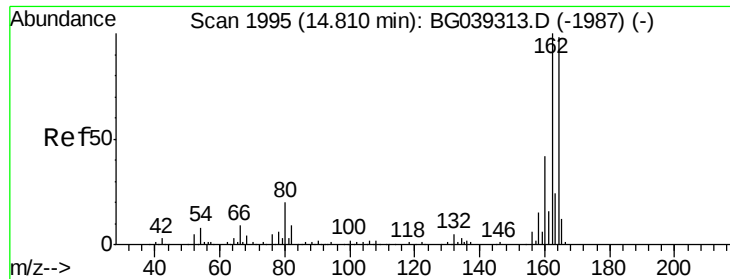
#23
Nitrobenzene-d5
Concen: 107.004 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039521.D
Acq: 15 Feb 2019 00:34

Tgt Ion:	82	Resp:	367640
Ion	Ratio	Lower	Upper
82	100		
128	42.3	31.3	46.9
54	59.1	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: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039521.D

Acq: 15 Feb 2019 00:34

Instrument :

BNA_G

ClientSampleId :

PB117115BL

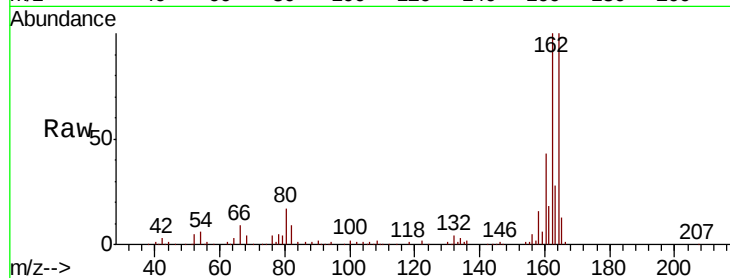
Tgt Ion:164 Resp: 160758

Ion Ratio Lower Upper

164 100

162 100.4 81.6 122.4

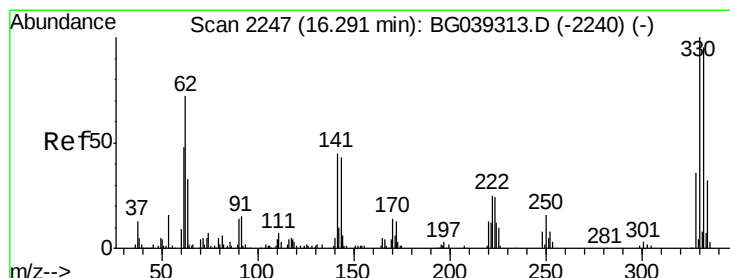
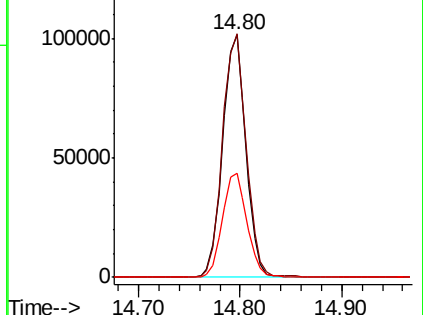
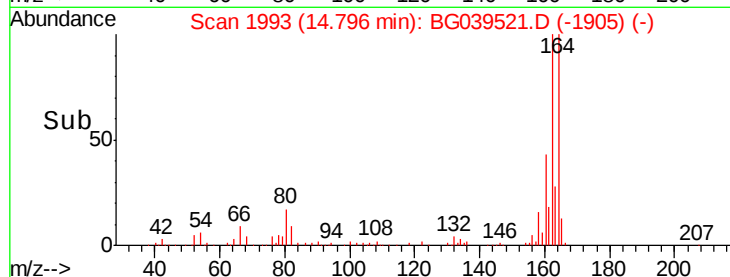
160 42.7 34.2 51.2



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: 134.854 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039521.D

Acq: 15 Feb 2019 00:34

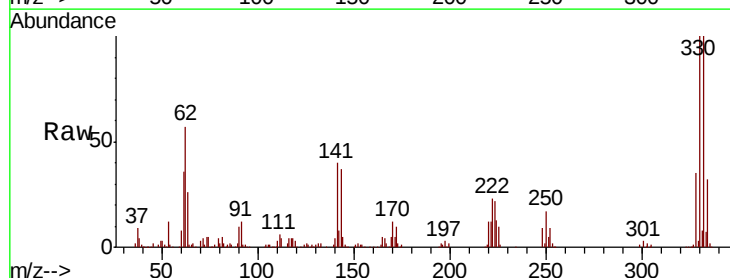
Tgt Ion:330 Resp: 233444

Ion Ratio Lower Upper

330 100

332 95.9 75.7 113.5

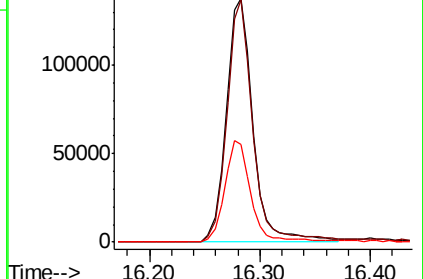
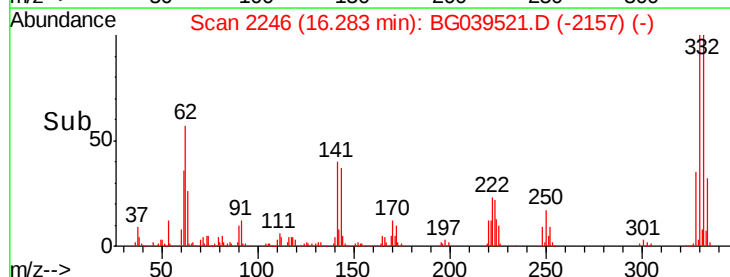
141 40.6 35.6 53.4



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

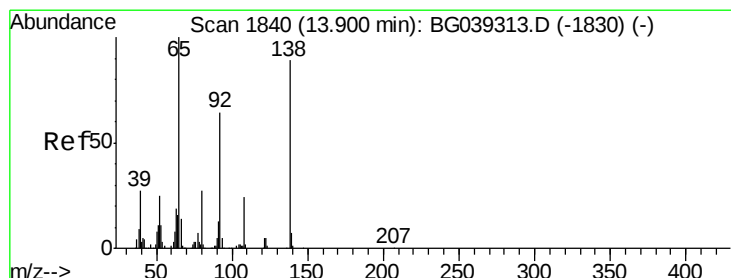
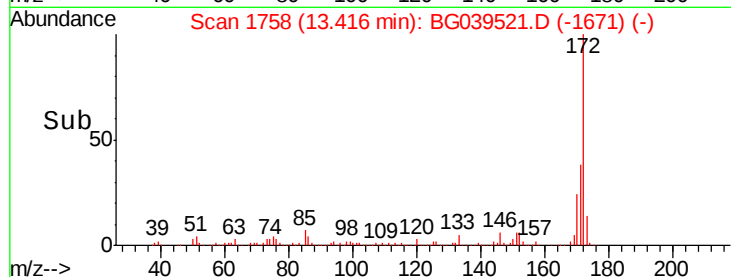
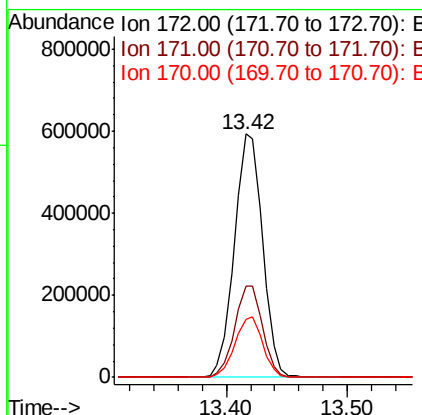
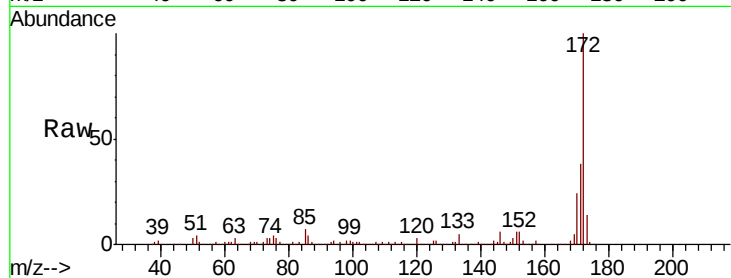




#45
 2-Fluorobiphenyl
 Concen: 86.296 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039521.D
 Acq: 15 Feb 2019 00:34

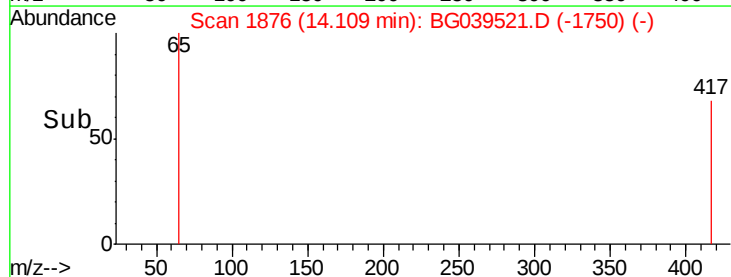
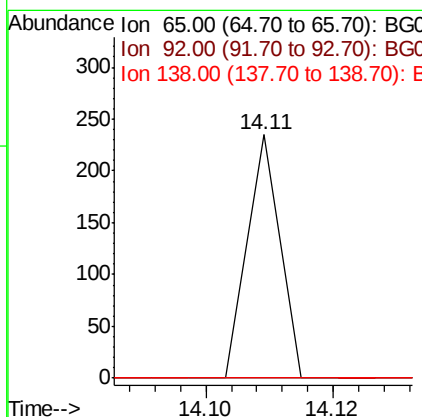
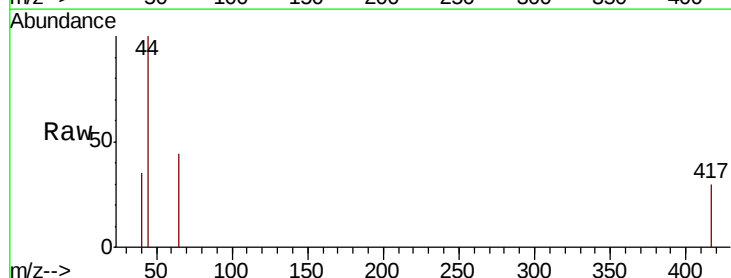
Instrument :
 BNA_G
 ClientSampleId :
 PB117115BL

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.8	46.2
170	23.8	20.2	30.4



#48
 2-Nitroaniline
 Concen: 8.320 ng
 RT: 14.11 min Scan# 1876
 Delta R.T. 0.21 min
 Lab File: BG039521.D
 Acq: 15 Feb 2019 00:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	0.0	51.4	77.2#
138	0.0	71.4	107.2#





#51

2,6-Dinitrotoluene

Concen: 13.965 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.41 min

Lab File: BG039521.D

Acq: 15 Feb 2019 00:34

Instrument :

BNA_G

ClientSampleId :

PB117115BL

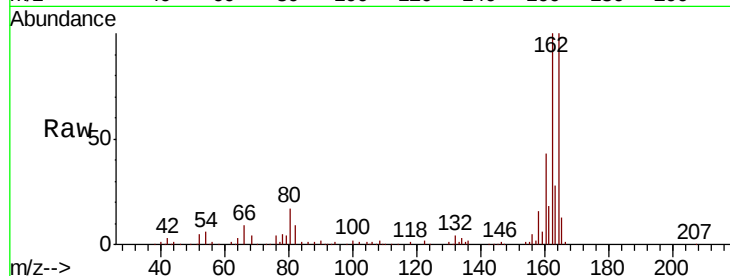
Tgt Ion:165 Resp: 20815

Ion Ratio Lower Upper

165 100

63 1.6 47.0 70.6#

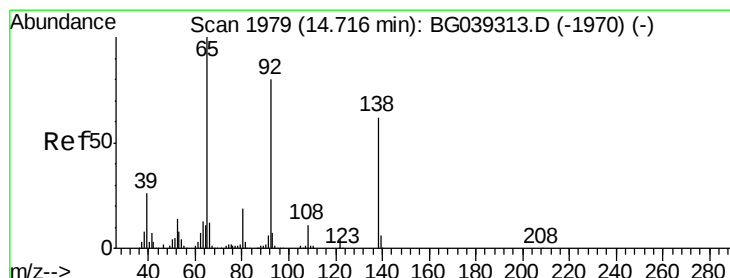
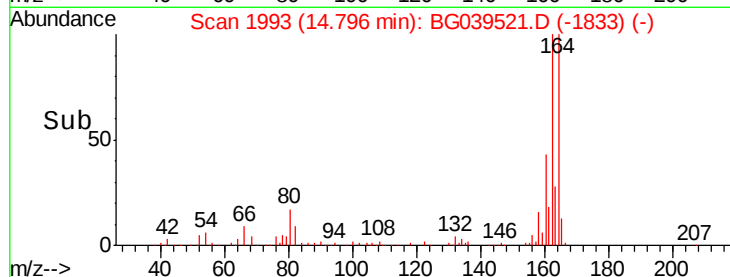
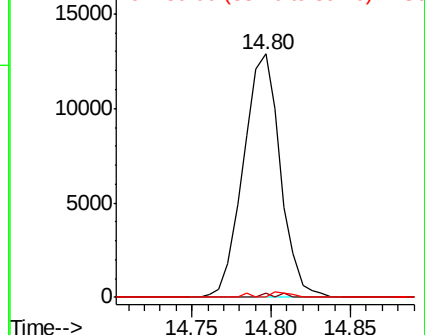
89 0.0 45.8 68.8#



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



#53

3-Nitroaniline

Concen: 5.815 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.19 min

Lab File: BG039521.D

Acq: 15 Feb 2019 00:34

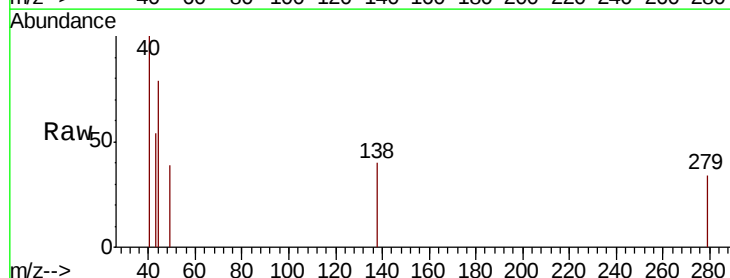
Tgt Ion:138 Resp: 65

Ion Ratio Lower Upper

138 100

108 0.0 13.8 20.8#

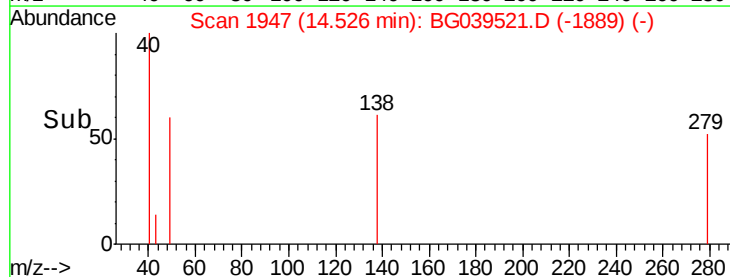
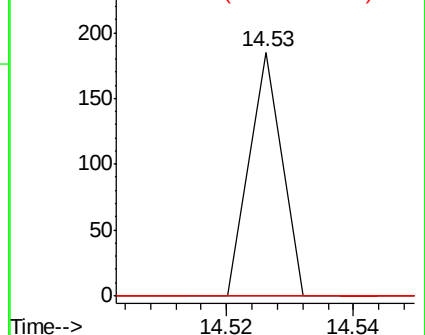
92 0.0 103.7 155.5#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#57

2,4-Dinitrotoluene

Concen: 13.430 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.37 min

Lab File: BG039521.D

Acq: 15 Feb 2019 00:34

Instrument :

BNA_G

ClientSampleId :

PB117115BL

Tgt Ion:165 Resp: 20815

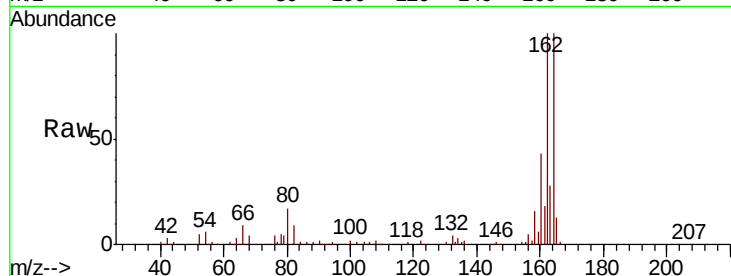
Ion Ratio Lower Upper

165 100

63 1.6 41.0 61.6#

89 0.0 64.6 96.8#

182 0.0 2.0 3.0#

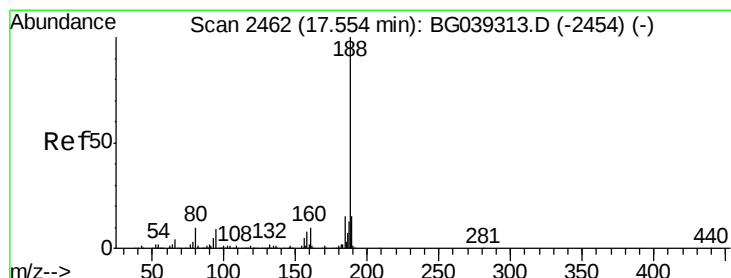
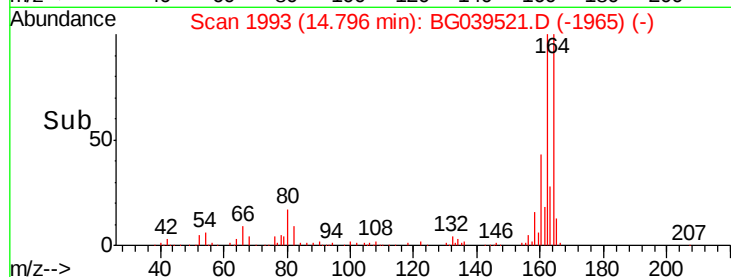
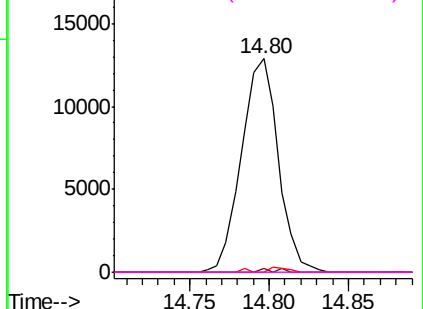


Abundance Ion 165.00 (164.70 to 165.70): E

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: BG039521.D

Acq: 15 Feb 2019 00:34

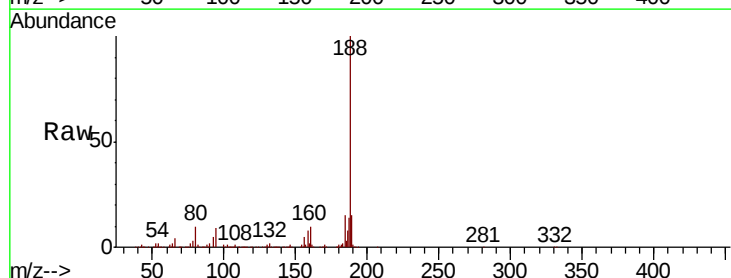
Tgt Ion:188 Resp: 394612

Ion Ratio Lower Upper

188 100

94 9.1 6.9 10.3

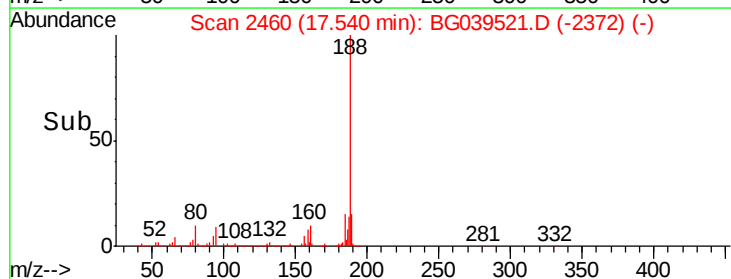
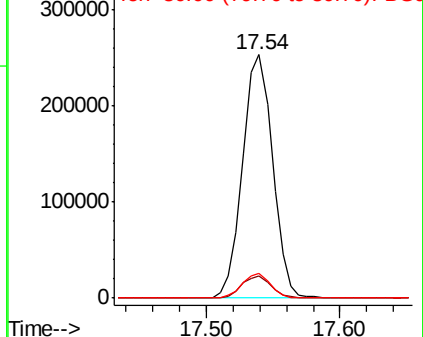
80 10.0 8.1 12.1

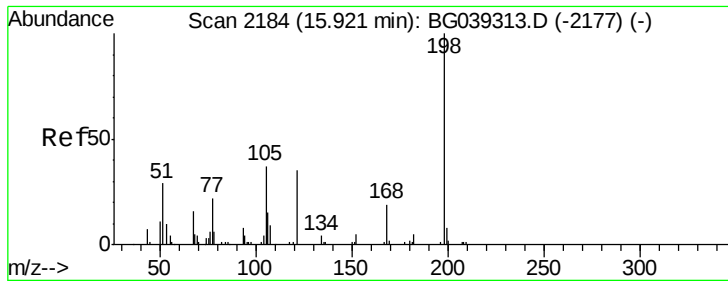


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

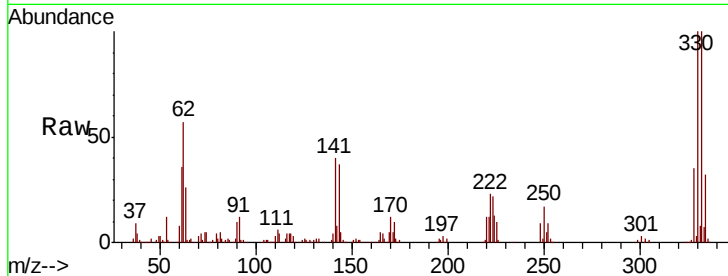




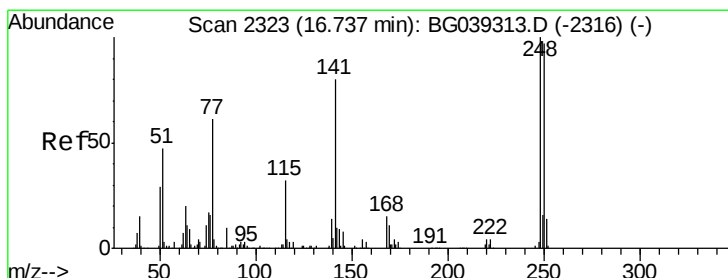
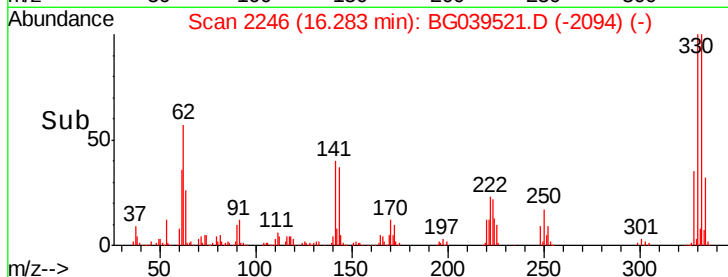
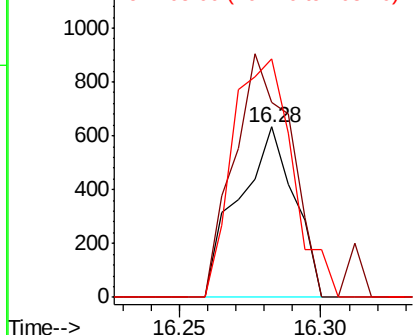
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.879 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. 0.36 min
 Lab File: BG039521.D
 Acq: 15 Feb 2019 00:34

Instrument :
 BNA_G
 ClientSampleId :
 PB117115BL

Tgt Ion:198 Resp: 866
 Ion Ratio Lower Upper
 198 100
 51 114.5 27.4 67.4#
 105 139.7 19.7 59.7#

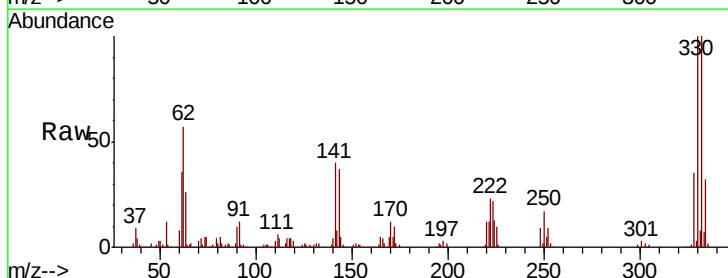


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

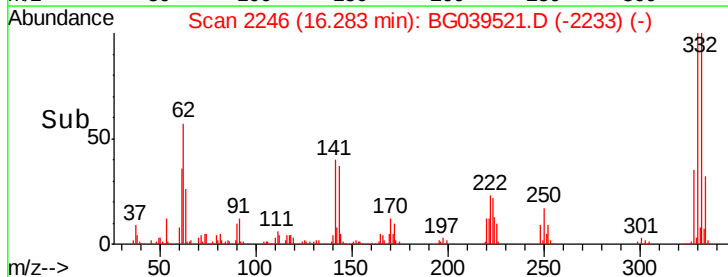
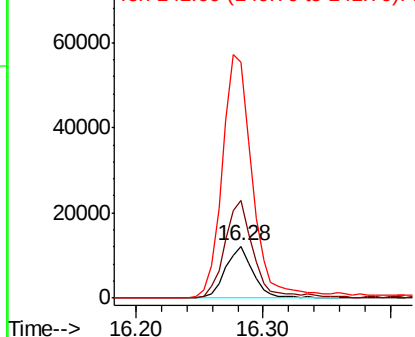


#67
 4-Bromophenyl-phenylether
 Concen: 4.185 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. -0.45 min
 Lab File: BG039521.D
 Acq: 15 Feb 2019 00:34

Tgt Ion:248 Resp: 18321
 Ion Ratio Lower Upper
 248 100
 250 189.4 77.6 116.4#
 141 455.5 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

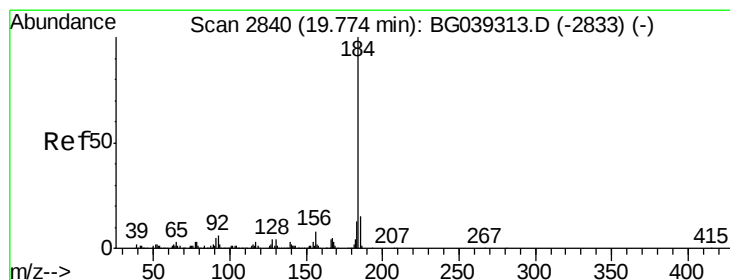
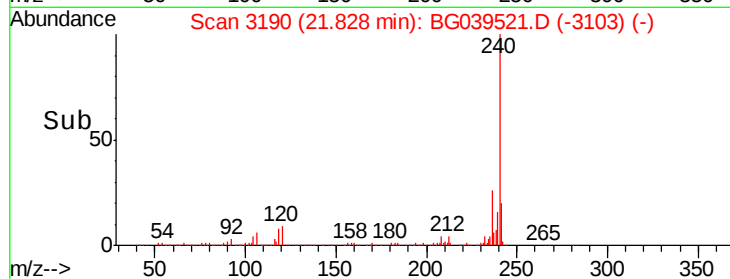
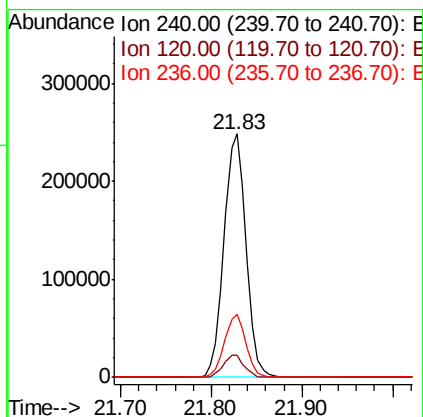
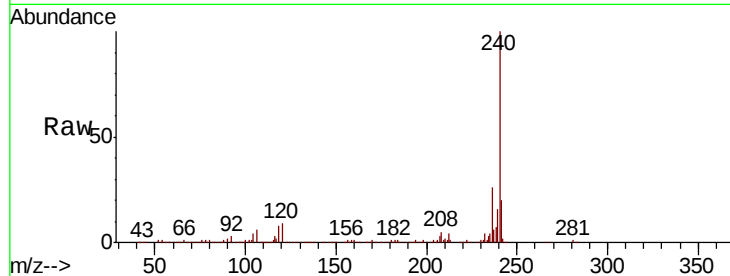




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3190
Delta R.T. -0.02 min
Lab File: BG039521.D
Acq: 15 Feb 2019 00:34

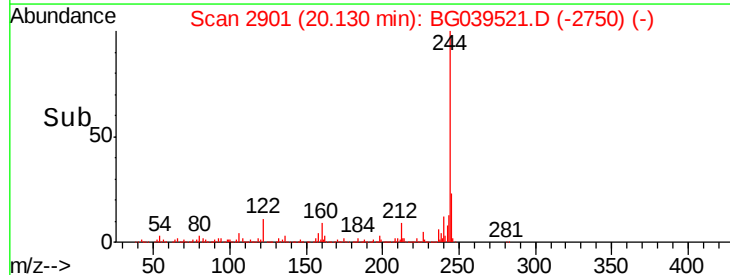
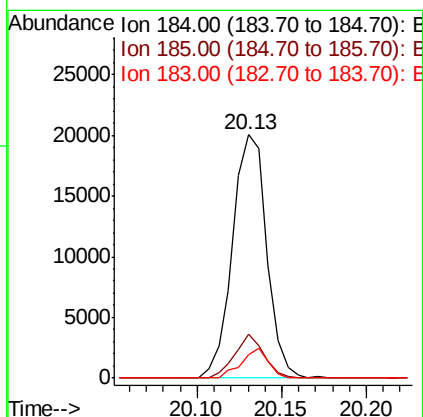
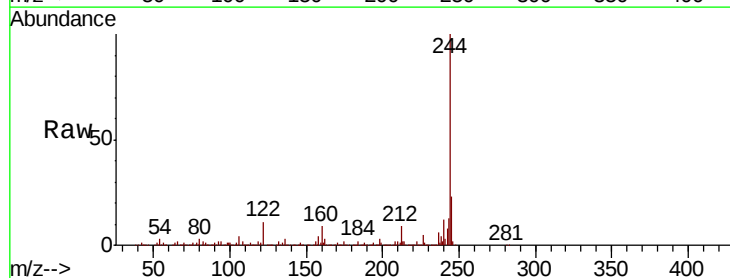
Instrument :
BNA_G
ClientSampleId :
PB117115BL

Tgt Ion:240 Resp: 417354
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.6
236 25.7 21.0 31.4



#77
Benzidine
Concen: 2.063 ng
RT: 20.13 min Scan# 2901
Delta R.T. 0.36 min
Lab File: BG039521.D
Acq: 15 Feb 2019 00:34

Tgt Ion:184 Resp: 28228
Ion Ratio Lower Upper
184 100
185 18.1 12.2 18.2
183 9.8 10.6 15.8#

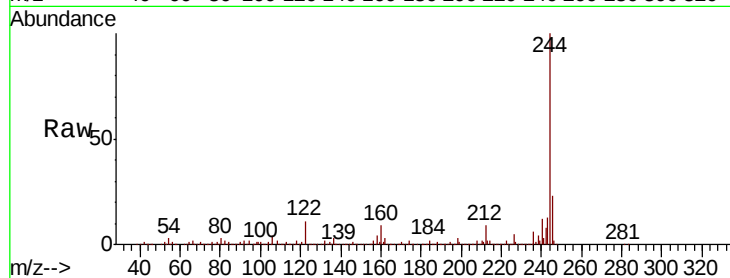




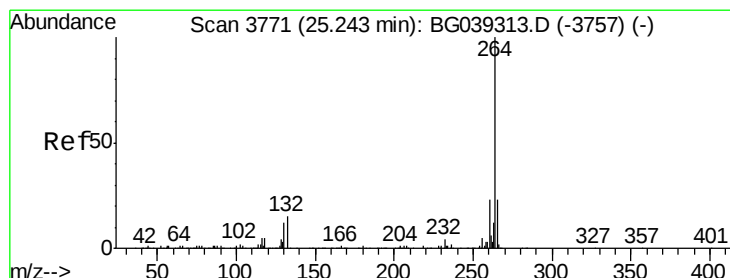
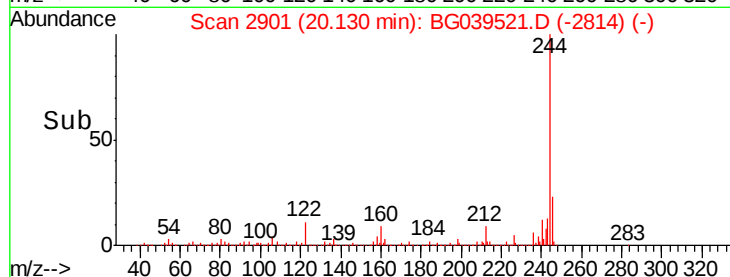
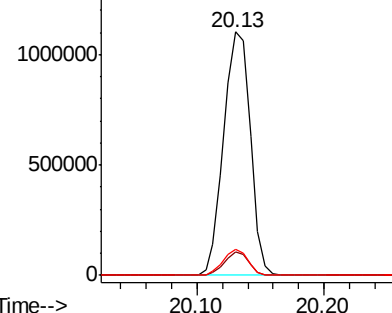
#79
 Terphenyl-d14
 Concen: 81.320 ng
 RT: 20.13 min Scan# 2901
 Delta R.T. -0.02 min
 Lab File: BG039521.D
 Acq: 15 Feb 2019 00:34

Instrument :
 BNA_G
 ClientSampleId :
 PB117115BL

Tgt Ion:244 Resp: 1603415
 Ion Ratio Lower Upper
 244 100
 212 9.5 7.3 10.9
 122 10.6 8.4 12.6

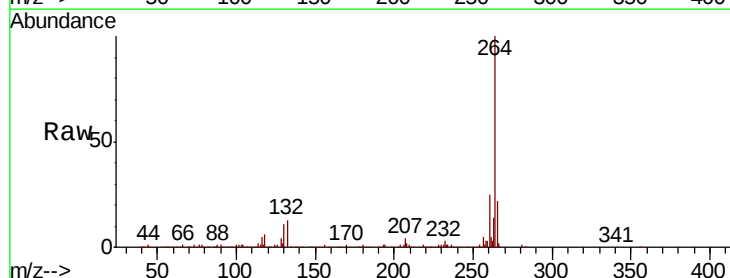


Abundance Ion 244.00 (243.70 to 244.70): E
 1500000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.21 min Scan# 3766
 Delta R.T. -0.03 min
 Lab File: BG039521.D
 Acq: 15 Feb 2019 00:34

Tgt Ion:264 Resp: 410899
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.2 27.4
 265 21.9 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E
 150000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

