

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021819\
 Data File : BG039553.D
 Acq On : 18 Feb 2019 23:57
 Operator : JU/SJ
 Sample : PB117191BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117191BL

Quant Time: Feb 19 00:47:22 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

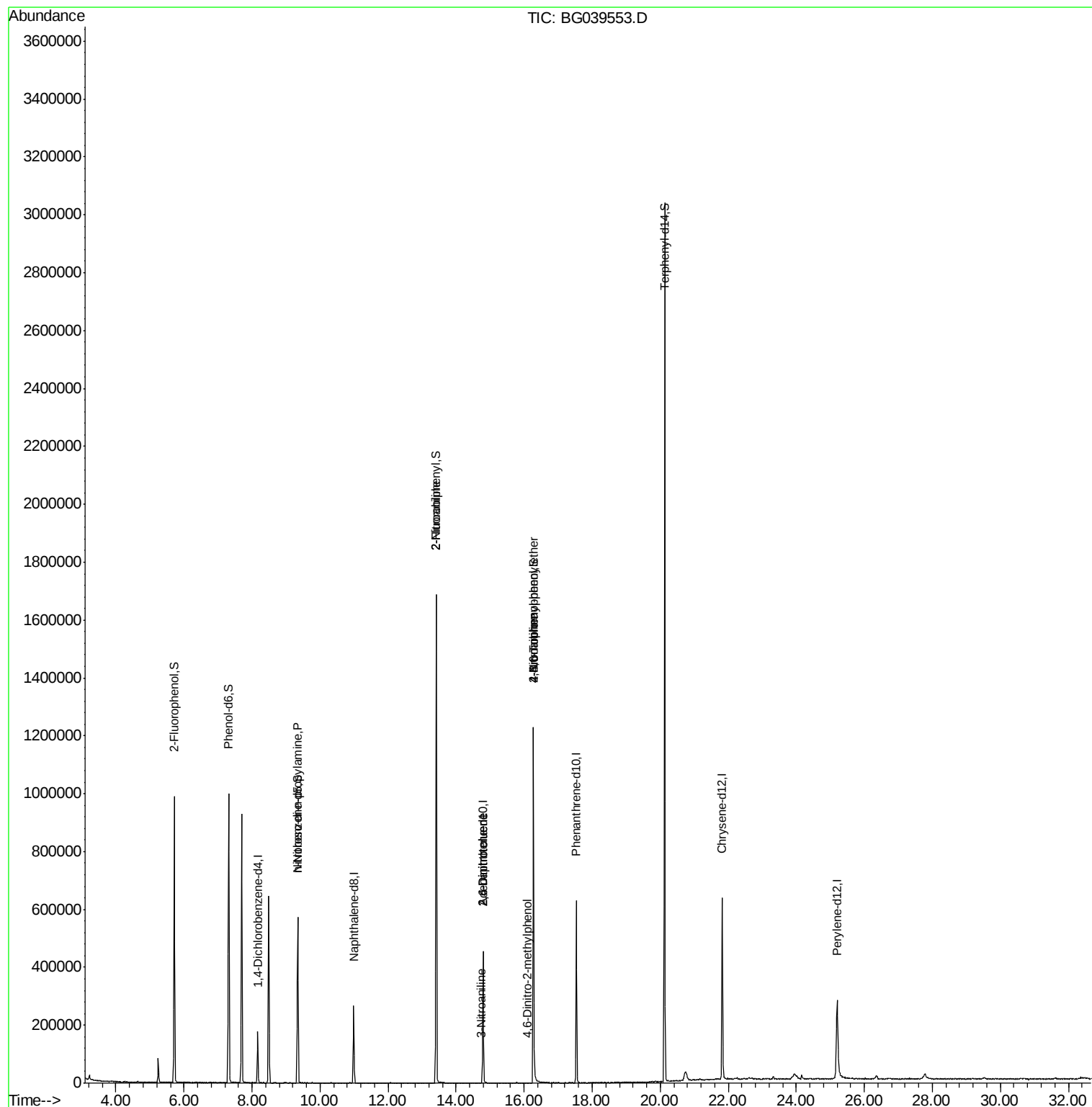
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	48577	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	231690	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	163642	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	390014	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	409611	20.00	ng	-0.03
87) Perylene-d12	25.20	264	366185	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	407323	143.51	ng	0.00
7) Phenol-d6	7.32	99	608554	145.66	ng	0.00
23) Nitrobenzene-d5	9.34	82	341686	92.13	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	222964	126.53	ng	-0.02
45) 2-Fluorobiphenyl	13.41	172	901747	79.05	ng	-0.02
79) Terphenyl-d14	20.13	244	1433746	74.09	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.32	77	1150	Below Cal	Qvalue	
19) n-Nitroso-di-n-propylamine	9.34	70	45118	15.216 ng	#	4
48) 2-Nitroaniline	13.41	65	1320	8.667 ng	#	1
51) 2,6-Dinitrotoluene	14.79	165	20908	13.867 ng	#	23
53) 3-Nitroaniline	14.74	138	66	5.815 ng	#	1
57) 2,4-Dinitrotoluene	14.79	165	20908	13.356 ng	#	18
62) 4-Nitroaniline	16.27	138	117	4.241 ng	#	1
65) 4,6-Dinitro-2-methylphenol	16.10	198	77	4.234 ng	#	32
67) 4-Bromophenyl-phenylether	16.27	248	18161	4.197 ng	#	1

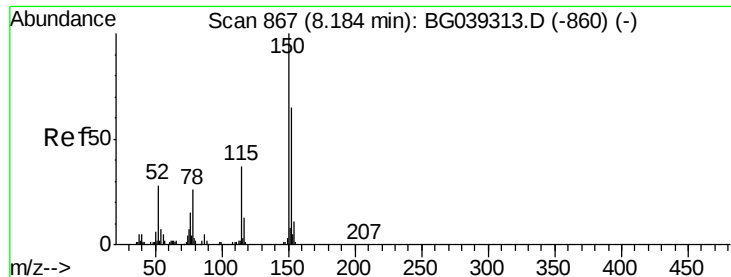
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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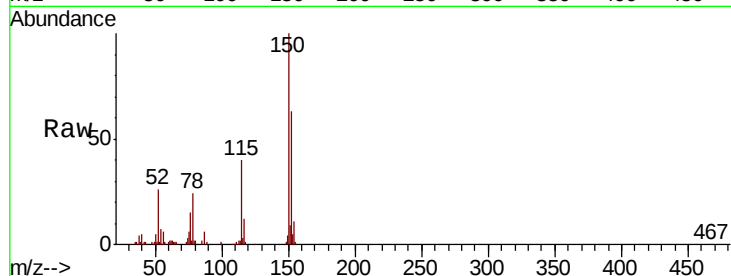


#1

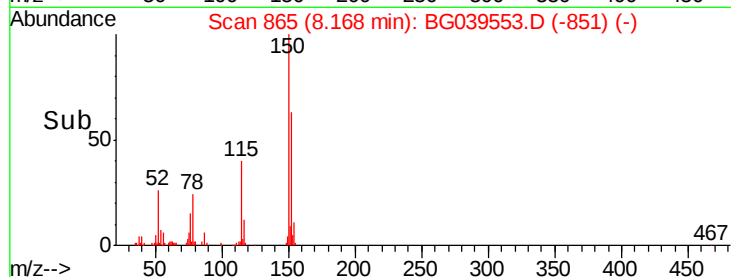
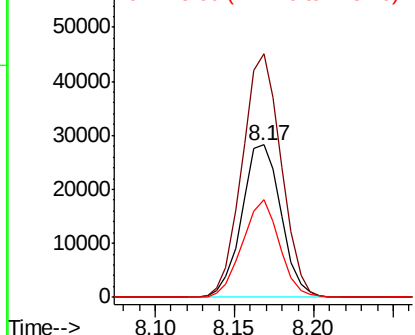
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG039553.D
Acq: 18 Feb 2019 23:57

Instrument :
BNA_G
ClientSampleId :
PB117191BL

Tgt Ion:152 Resp: 48577
Ion Ratio Lower Upper
152 100
150 159.6 123.7 185.5
115 64.4 45.9 68.9



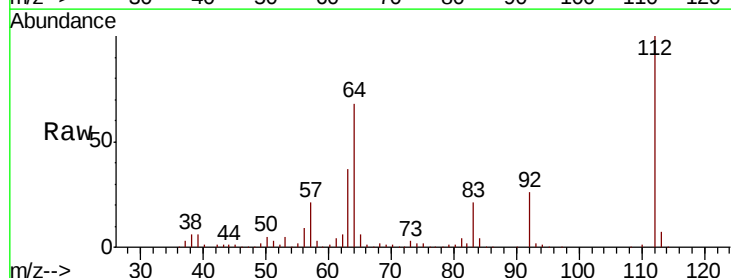
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



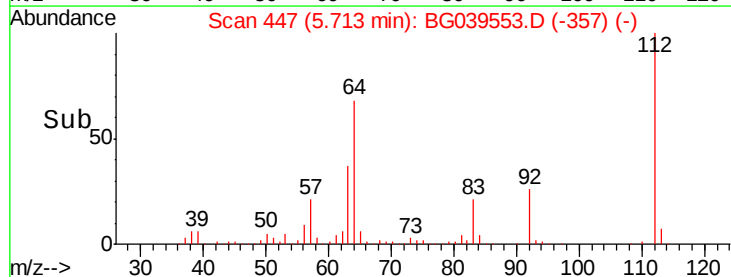
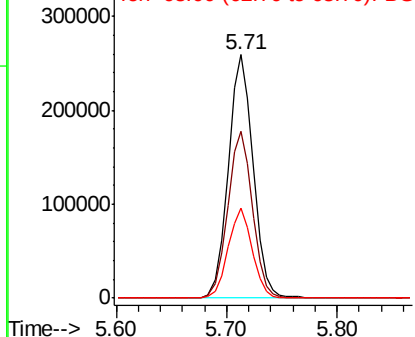
#5

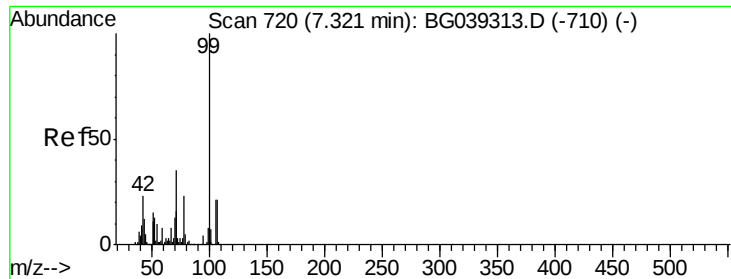
2-Fluorophenol
Concen: 143.512 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039553.D
Acq: 18 Feb 2019 23:57

Tgt Ion:112 Resp: 407323
Ion Ratio Lower Upper
112 100
64 68.3 57.8 86.8
63 36.9 29.8 44.6



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: 145.663 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039553.D

Acq: 18 Feb 2019 23:57

Instrument :

BNA_G

ClientSampleId :

PB117191BL

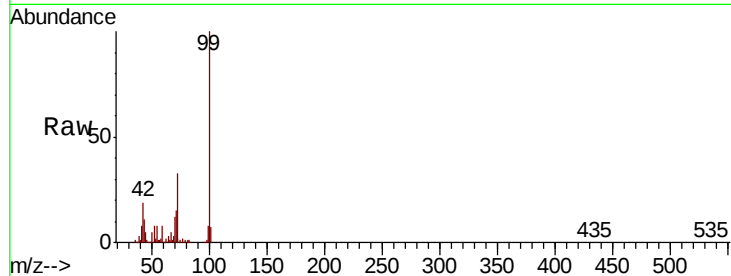
Tgt Ion: 99 Resp: 608554

Ion Ratio Lower Upper

99 100

42 19.0 18.2 27.2

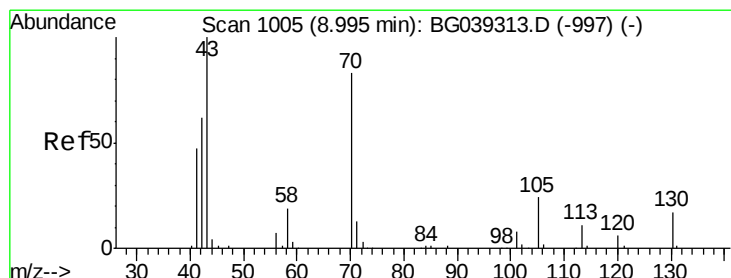
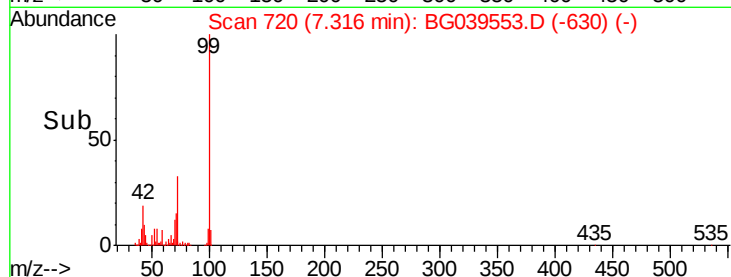
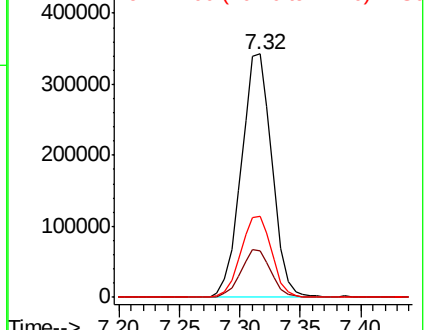
71 33.3 28.0 42.0



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: 15.216 ng

RT: 9.34 min Scan# 1065

Delta R.T. 0.35 min

Lab File: BG039553.D

Acq: 18 Feb 2019 23:57

Tgt Ion: 70 Resp: 45118

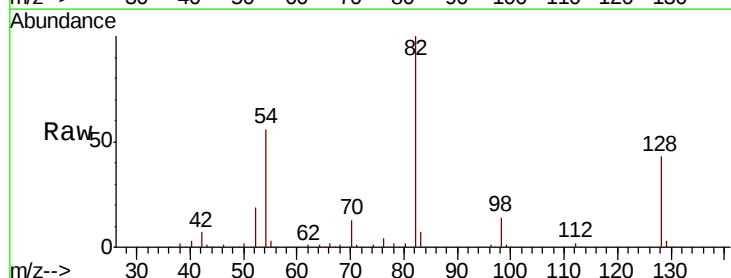
Ion Ratio Lower Upper

70 100

42 53.3 60.4 90.6#

101 0.0 7.5 11.3#

130 2.7 16.9 25.3#

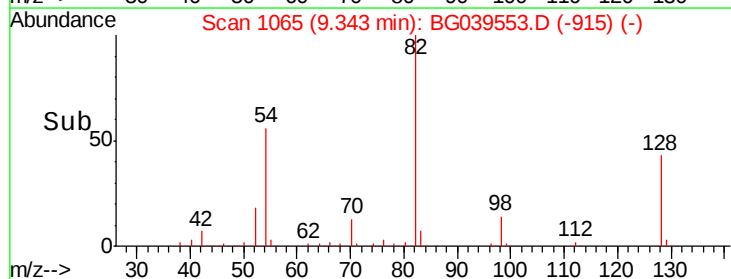
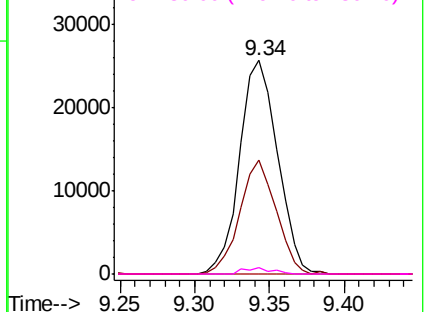


Abundance Ion 70.00 (69.70 to 70.70): BGC

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

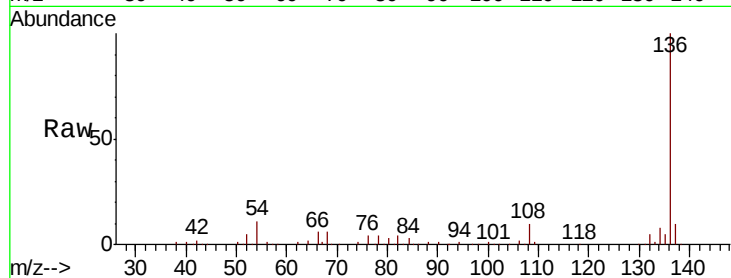




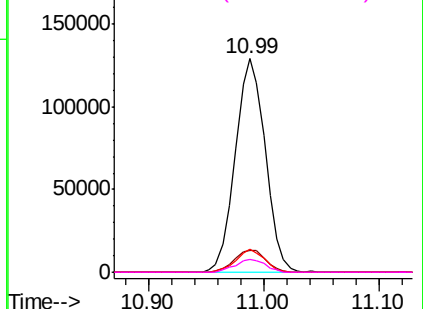
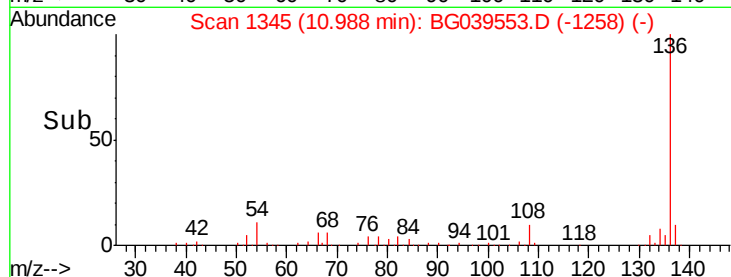
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039553.D
Acq: 18 Feb 2019 23:57

Instrument :
BNA_G
ClientSampleId :
PB117191BL

Tgt Ion:	136	Resp:	231690
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	11.0	9.4	14.2
68	5.8	4.2	6.4

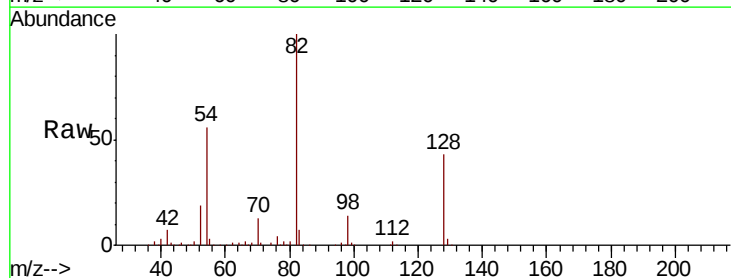


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

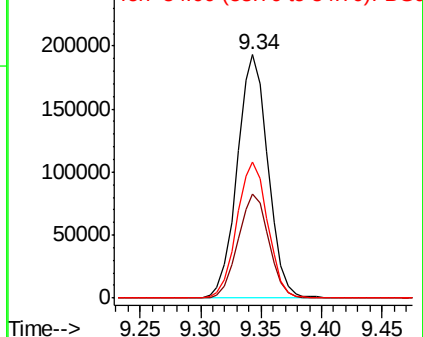
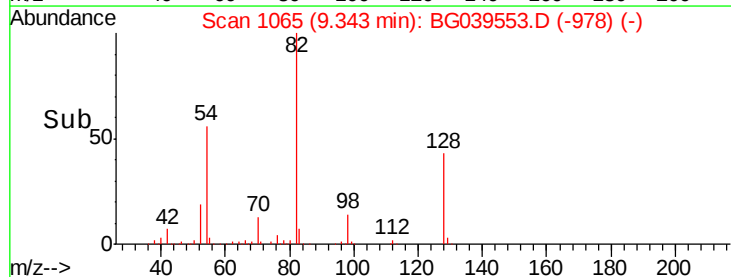


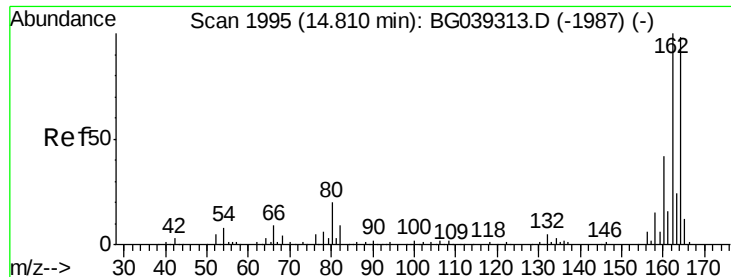
#23
Nitrobenzene-d5
Concen: 92.130 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039553.D
Acq: 18 Feb 2019 23:57

Tgt Ion:	82	Resp:	341686
Ion	Ratio	Lower	Upper
82	100		
128	42.9	31.3	46.9
54	55.8	50.9	76.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
250000
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: BG039553.D

Acq: 18 Feb 2019 23:57

Instrument :

BNA_G

ClientSampleId :

PB117191BL

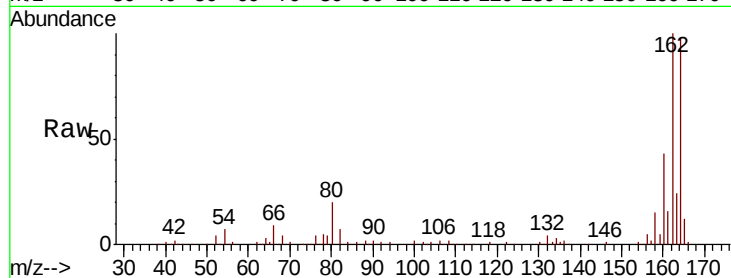
Tgt Ion:164 Resp: 163642

Ion Ratio Lower Upper

164 100

162 102.4 81.6 122.4

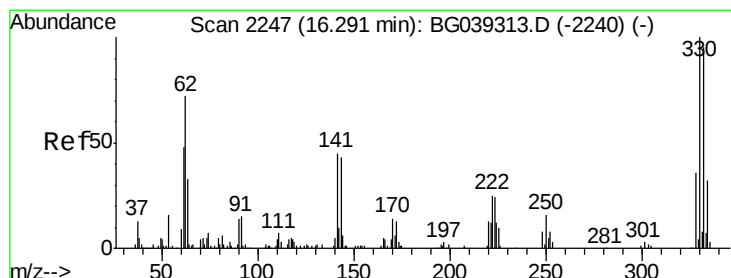
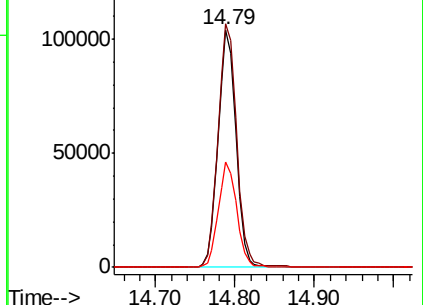
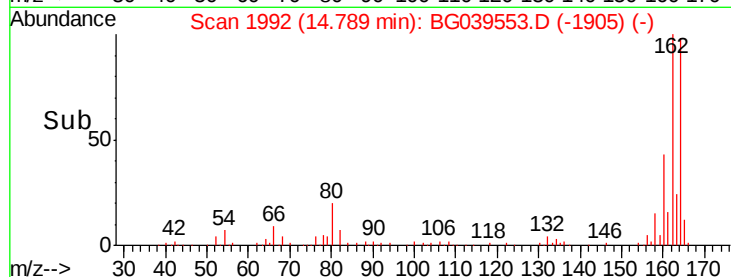
160 44.1 34.2 51.2



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: 126.530 ng

RT: 16.27 min Scan# 2245

Delta R.T. -0.02 min

Lab File: BG039553.D

Acq: 18 Feb 2019 23:57

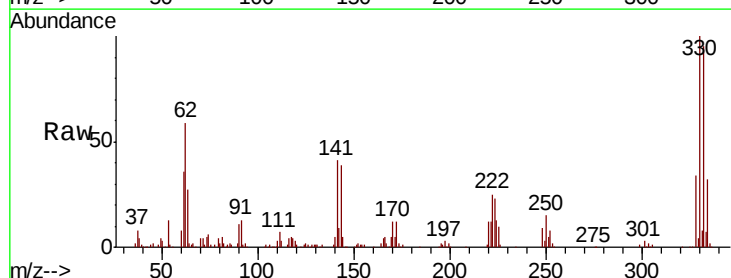
Tgt Ion:330 Resp: 222964

Ion Ratio Lower Upper

330 100

332 94.8 75.7 113.5

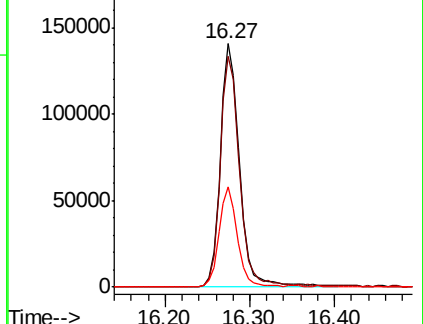
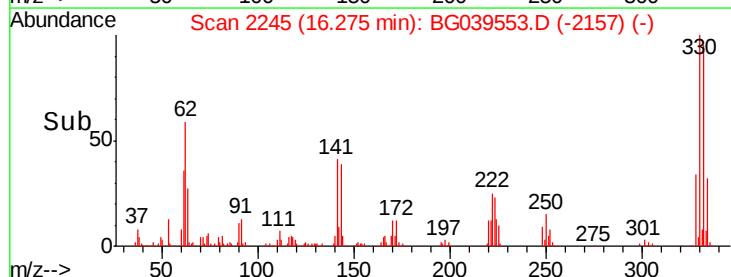
141 39.6 35.6 53.4



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

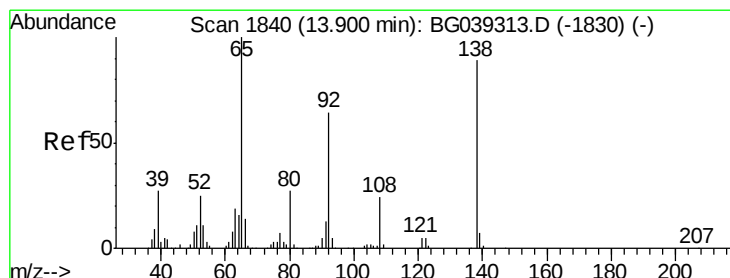
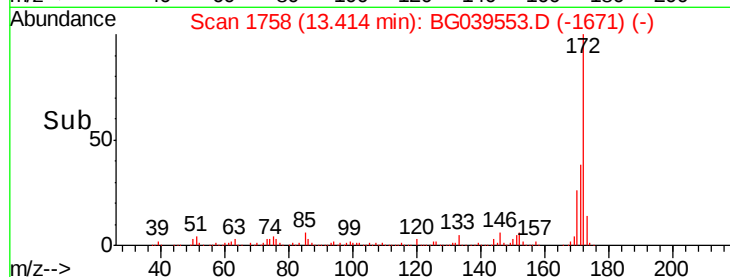
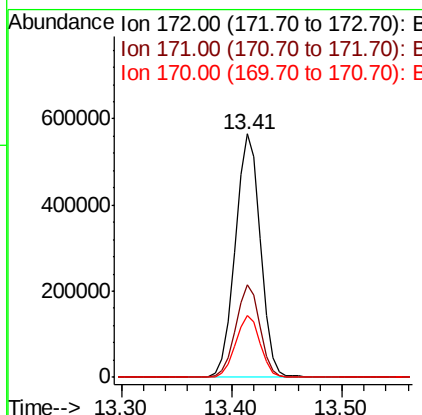
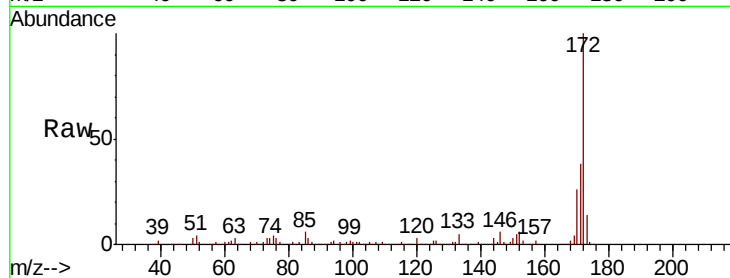




#45
2-Fluorobiphenyl
Concen: 79.051 ng
RT: 13.41 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039553.D
Acq: 18 Feb 2019 23:57

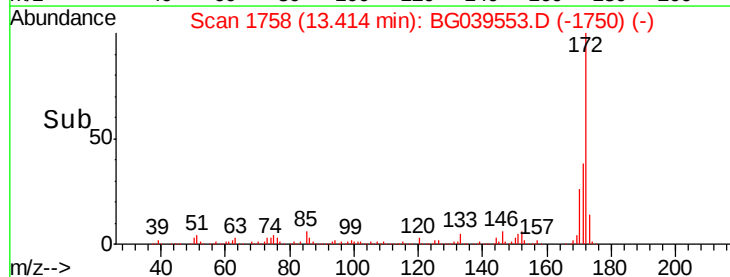
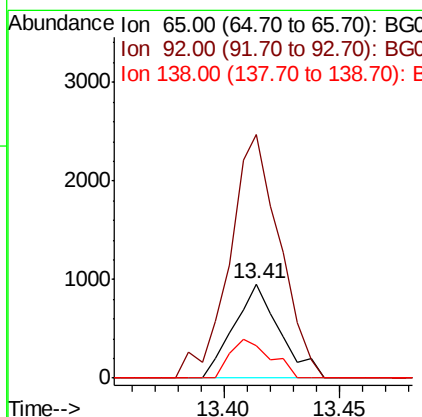
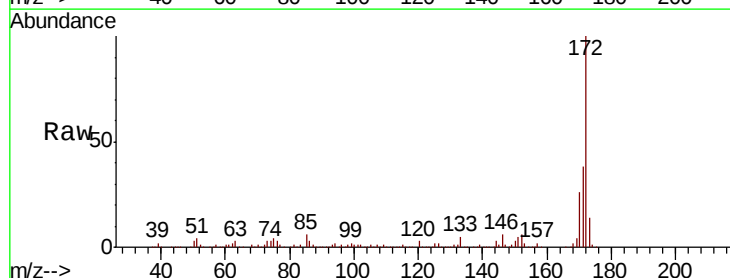
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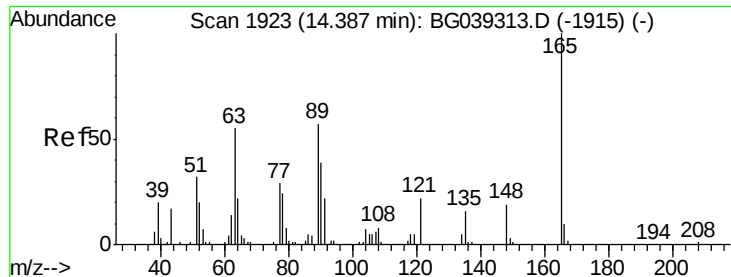
Tgt Ion: 172 Resp: 901747
Ion Ratio Lower Upper
172 100
171 37.9 30.8 46.2
170 25.5 20.2 30.4



#48
2-Nitroaniline
Concen: 8.667 ng
RT: 13.41 min Scan# 1758
Delta R.T. -0.48 min
Lab File: BG039553.D
Acq: 18 Feb 2019 23:57

Tgt Ion: 65 Resp: 1320
Ion Ratio Lower Upper
65 100
92 258.6 51.4 77.2#
138 35.0 71.4 107.2#

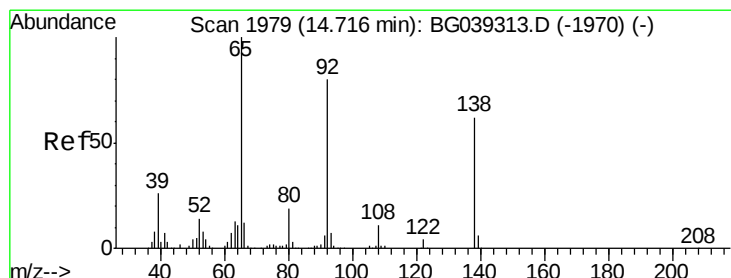
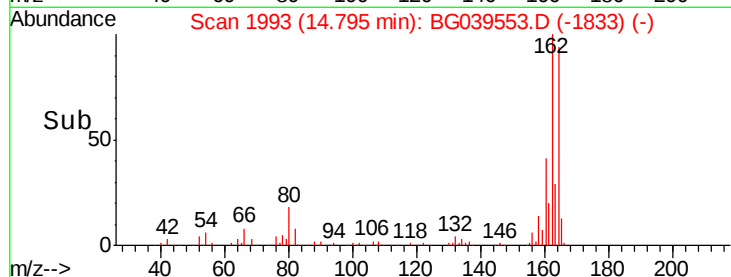
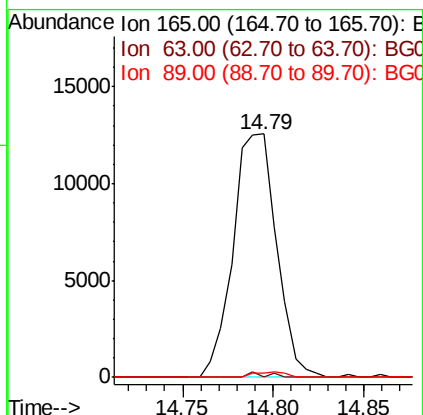
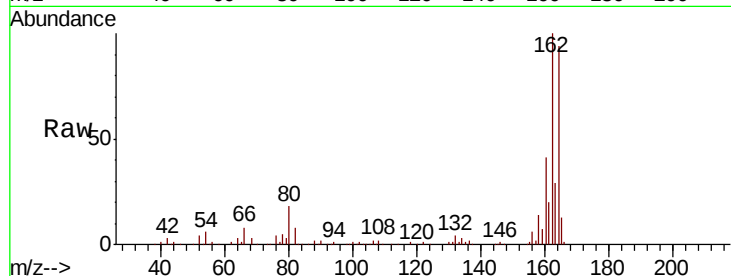




#51
 2,6-Dinitrotoluene
 Concen: 13.867 ng
 RT: 14.79 min Scan# 1993
 Delta R.T. 0.41 min
 Lab File: BG039553.D
 Acq: 18 Feb 2019 23:57

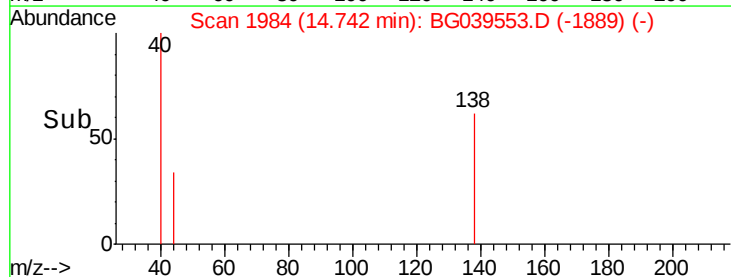
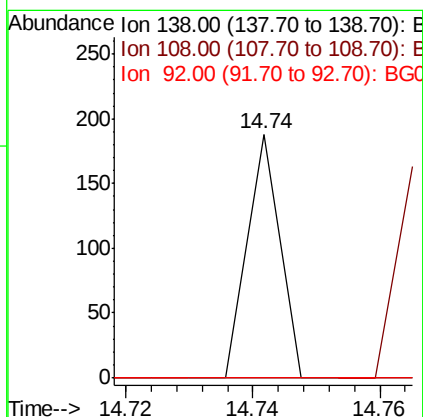
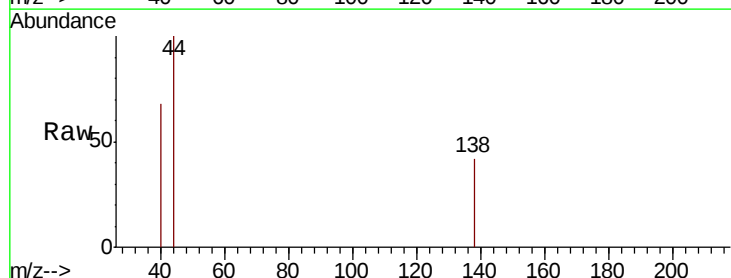
Instrument :
 BNA_G
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 PB117191BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.0	70.6#
89	1.6	45.8	68.8#



#53
 3-Nitroaniline
 Concen: 5.815 ng
 RT: 14.74 min Scan# 1984
 Delta R.T. 0.03 min
 Lab File: BG039553.D
 Acq: 18 Feb 2019 23:57

Tgt Ion	Ratio	Lower	Upper
138	100		
108	0.0	13.8	20.8#
92	0.0	103.7	155.5#





#57

2,4-Dinitrotoluene

Concen: 13.356 ng

RT: 14.79 min Scan# 1993

Delta R.T. -0.37 min

Lab File: BG039553.D

Acq: 18 Feb 2019 23:57

Instrument :

BNA_G

ClientSampleId :

PB117191BL

Tgt Ion:165 Resp: 20908

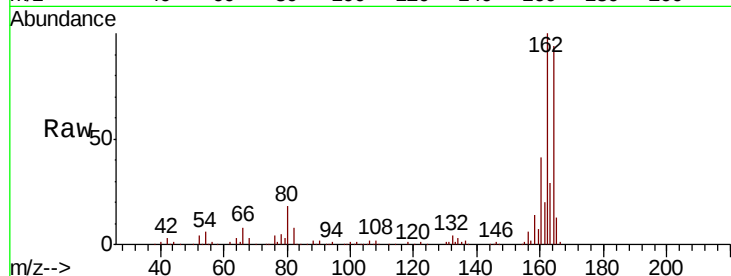
Ion Ratio Lower Upper

165 100

63 0.0 41.0 61.6#

89 1.6 64.6 96.8#

182 0.0 2.0 3.0#

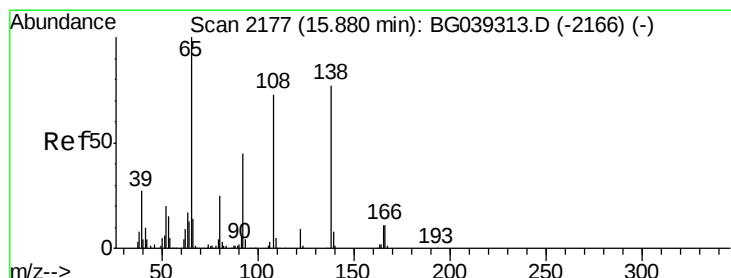
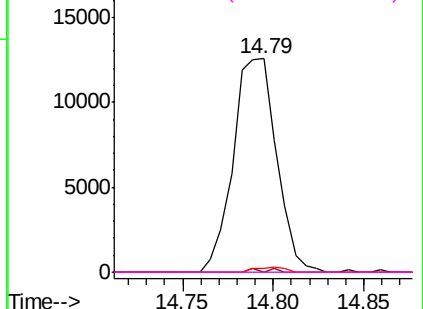
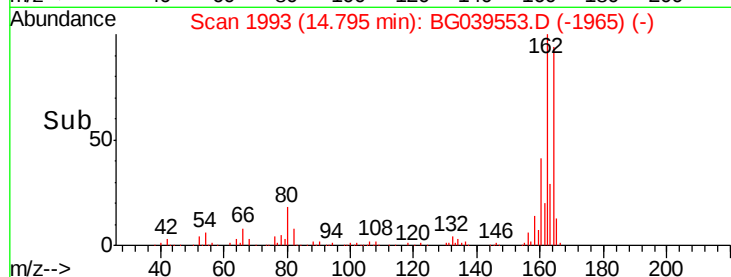


Abundance Ion 165.00 (164.70 to 165.70): E

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



#62

4-Nitroaniline

Concen: 4.241 ng

RT: 16.27 min Scan# 2244

Delta R.T. 0.39 min

Lab File: BG039553.D

Acq: 18 Feb 2019 23:57

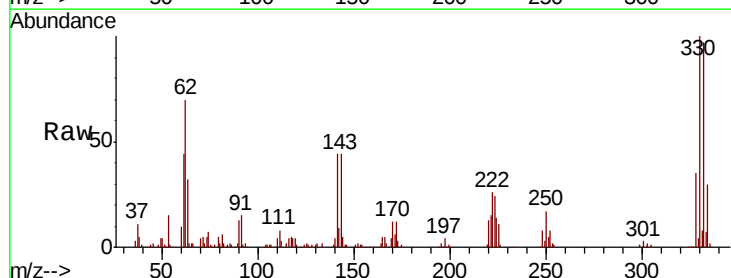
Tgt Ion:138 Resp: 117

Ion Ratio Lower Upper

138 100

92 813.7 38.7 78.7#

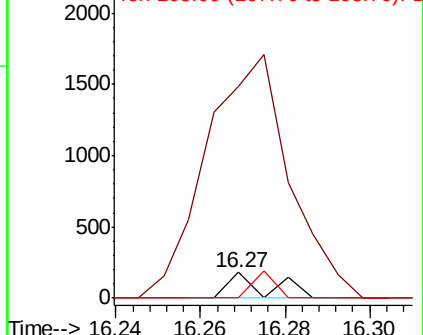
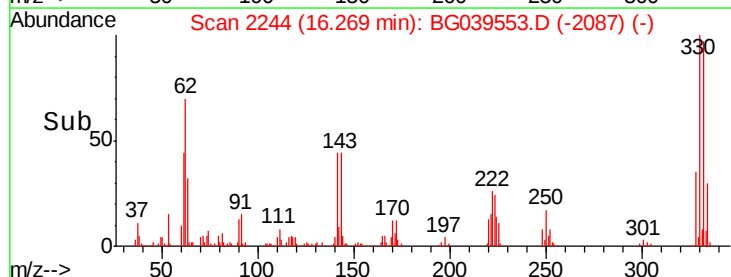
108 0.0 74.6 114.6#

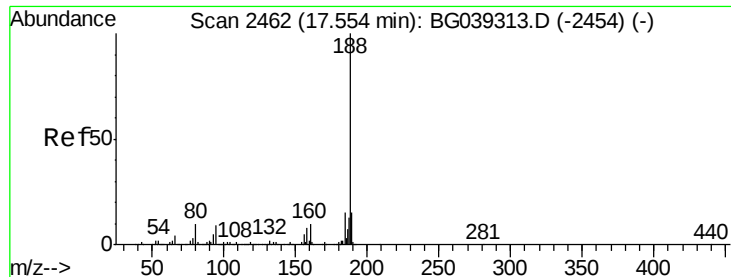


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039553.D

Acq: 18 Feb 2019 23:57

Instrument :

BNA_G

ClientSampleId :

PB117191BL

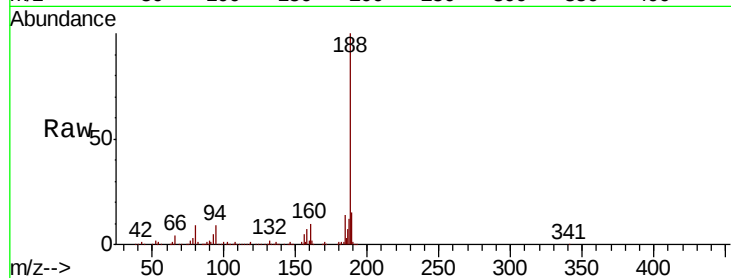
Tgt Ion:188 Resp: 390014

Ion Ratio Lower Upper

188 100

94 8.7 6.9 10.3

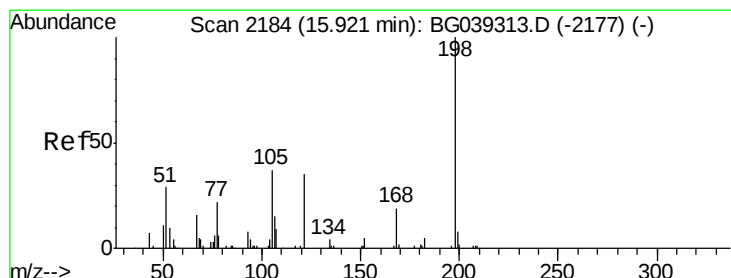
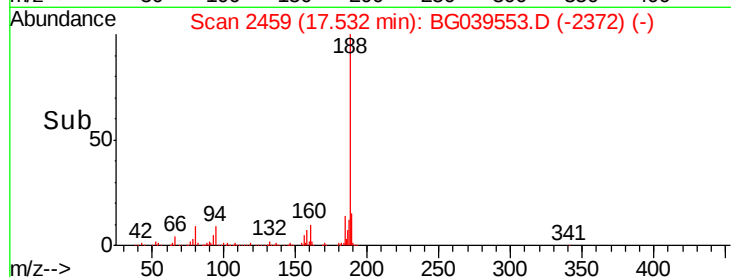
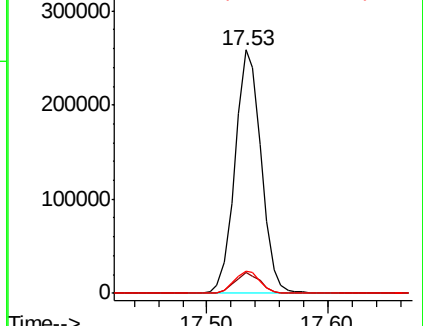
80 8.9 8.1 12.1



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: 4.234 ng

RT: 16.10 min Scan# 2215

Delta R.T. 0.18 min

Lab File: BG039553.D

Acq: 18 Feb 2019 23:57

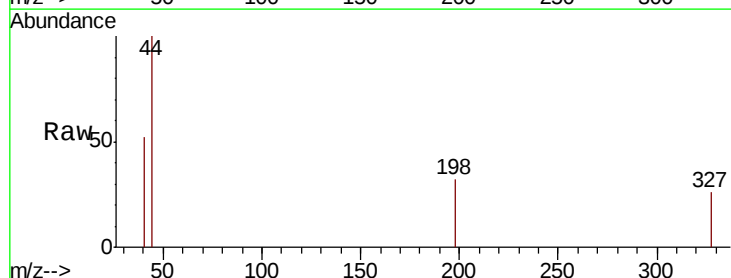
Tgt Ion:198 Resp: 77

Ion Ratio Lower Upper

198 100

51 0.0 27.4 67.4#

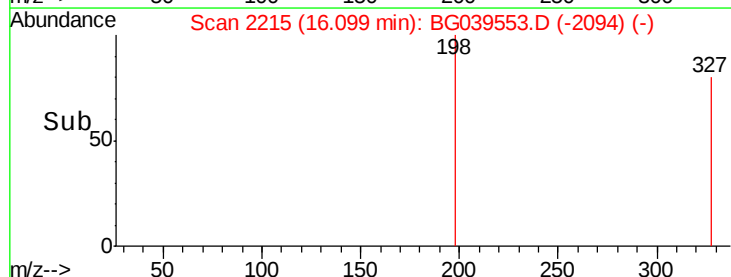
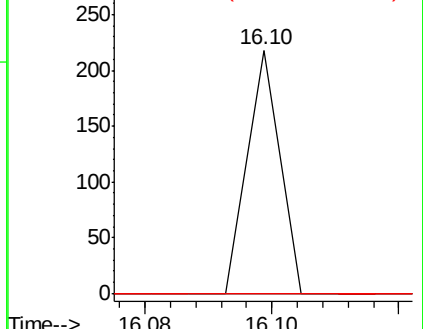
105 0.0 19.7 59.7#

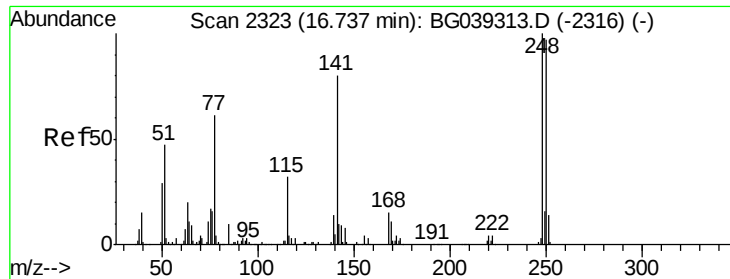


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

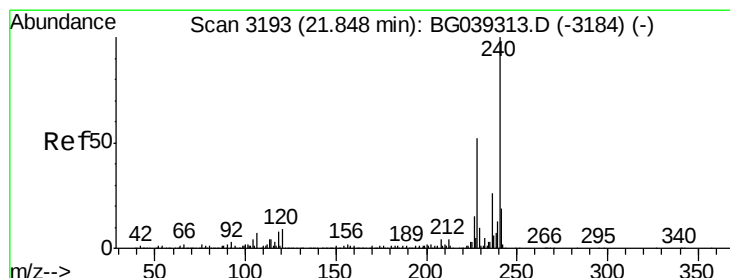
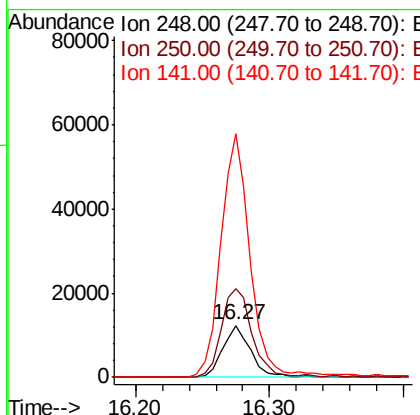
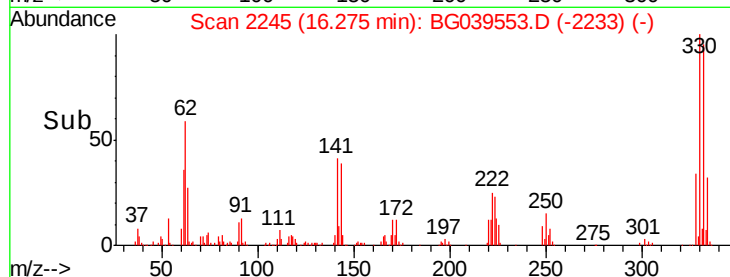
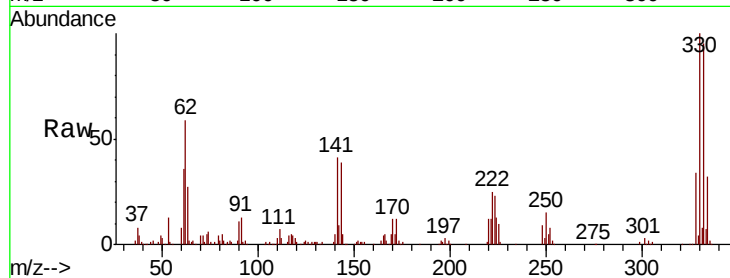




#67
 4-Bromophenyl-phenylether
 Concen: 4.197 ng
 RT: 16.27 min Scan# 2245
 Delta R.T. -0.46 min
 Lab File: BG039553.D
 Acq: 18 Feb 2019 23:57

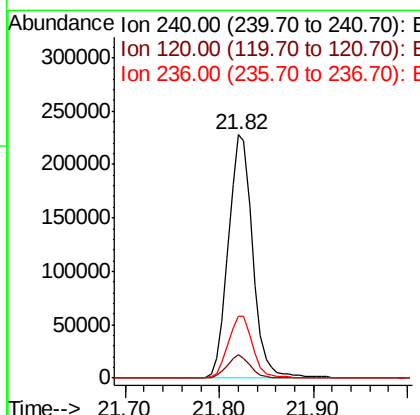
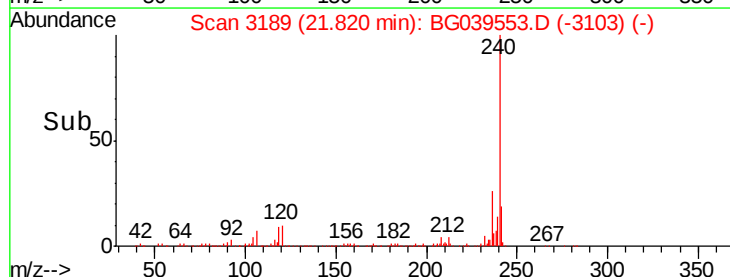
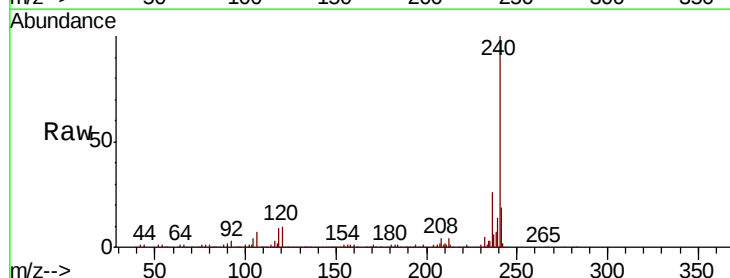
Instrument :
 BNA_G
 ClientSampleId :
 PB117191BL

Tgt Ion:248 Resp: 18161
 Ion Ratio Lower Upper
 248 100
 250 170.3 77.6 116.4#
 141 467.8 63.9 95.9#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.82 min Scan# 3189
 Delta R.T. -0.03 min
 Lab File: BG039553.D
 Acq: 18 Feb 2019 23:57

Tgt Ion:240 Resp: 409611
 Ion Ratio Lower Upper
 240 100
 120 9.7 7.0 10.6
 236 25.5 21.0 31.4





#79

Terphenyl-d14

Concen: 74.090 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039553.D

Acq: 18 Feb 2019 23:57

Instrument :

BNA_G

ClientSampleId :

PB117191BL

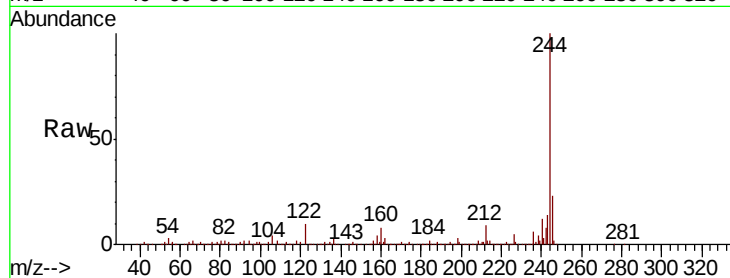
Tgt Ion:244 Resp: 1433746

Ion Ratio Lower Upper

244 100

212 9.3 7.3 10.9

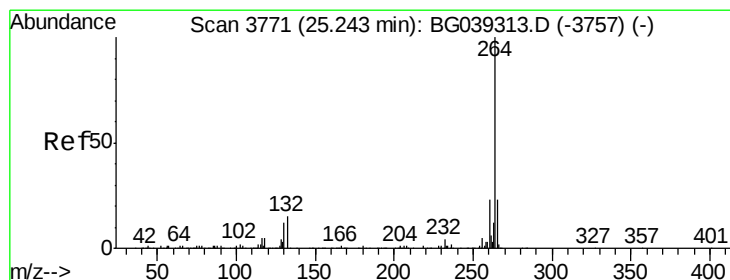
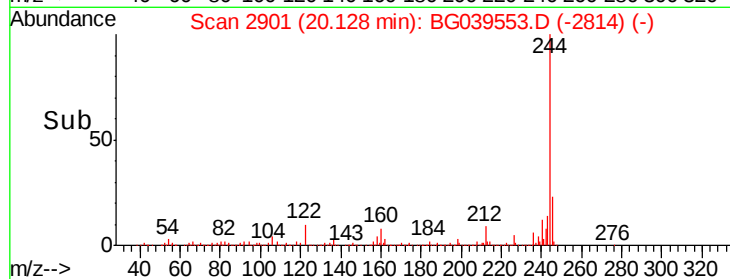
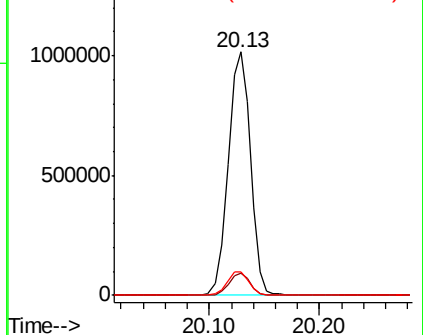
122 9.9 8.4 12.6



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: 25.20 min Scan# 3765

Delta R.T. -0.04 min

Lab File: BG039553.D

Acq: 18 Feb 2019 23:57

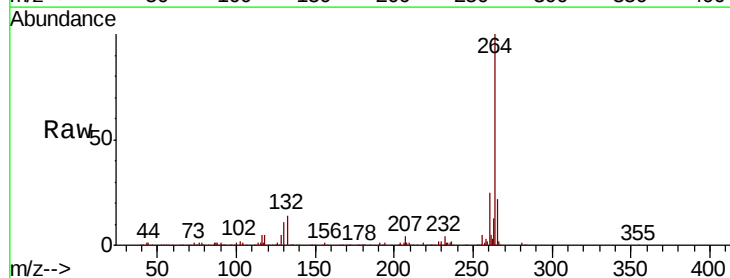
Tgt Ion:264 Resp: 366185

Ion Ratio Lower Upper

264 100

260 25.1 18.2 27.4

265 21.9 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

