

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012919\
 Data File : BG039320.D
 Acq On : 29 Jan 2019 17:03
 Operator : JU/SJ
 Sample : PB116679BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116679BL

Quant Time: Jan 30 01:32:11 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	8.18	152	39341	20.00	ng	0.00
21) Naphthalene-d8	11.01	136	164612	20.00	ng	0.00
39) Acenaphthene-d10	14.81	164	108135	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	271447	20.00	ng	0.00
76) Chrysene-d12	21.84	240	307963	20.00	ng	0.00
87) Perylene-d12	25.24	264	296058	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.72	112	169043	73.54	ng	0.00
7) Phenol-d6	7.32	99	237785	70.28	ng	0.00
23) Nitrobenzene-d5	9.36	82	193028	73.26	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	77518	66.57	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	507658	67.35	ng	0.00
79) Terphenyl-d14	20.15	244	825875	56.76	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.32	88	64	0.064	ng	# 1
3) Pyridine	3.90	79	54	0.020	ng	# 1
4) n-Nitrosodimethylamine	3.93	42	429	0.322	ng	# 1
6) Aniline	7.51	93	55	0.013	ng	# 40
9) Benzaldehyde	7.32	77	238	Below Cal		# 4
10) Phenol	7.21	94	63	0.018	ng	# 37
11) bis(2-Chloroethyl)ether	7.69	93	53	0.019	ng	# 1
15) Benzyl Alcohol	8.51	79	3516	1.324	ng	# 49
16) 2,2'-oxybis(1-Chloropropan	8.27	45	54	0.009	ng	# 75
19) n-Nitroso-di-n-propylamine	9.36	70	24508	10.205	ng	# 78
22) Acetophenone	9.00	105	63	0.014	ng	# 44
24) Nitrobenzene	9.36	77	705	0.248	ng	# 32
25) Isophorone	9.43	82	120	0.021	ng	# 67
28) bis(2-Chloroethoxy)methane	10.23	93	57	0.016	ng	# 51
31) Naphthalene	11.42	128	56	0.007	ng	# 69
33) 4-Chloroaniline	11.56	127	59	0.016	ng	# 43
37) 2-Methylnaphthalene	12.55	142	67	0.011	ng	# 13
38) 1-Methylnaphthalene	12.55	142	67	0.011	ng	# 7
40) 1,2,4,5-Tetrachlorobenzene	12.70	216	67	0.019	ng	# 26
46) 1,1'-Biphenyl	13.64	154	763	0.085	ng	# 90
48) 2-Nitroaniline	13.98	65	54	8.319	ng	# 10
50) Dimethylphthalate	14.08	163	56	0.006	ng	# 76
51) 2,6-Dinitrotoluene	14.81	165	14711	14.340	ng	# 24
52) Acenaphthene	14.81	154	300	0.045	ng	# 5
57) 2,4-Dinitrotoluene	14.81	165	14711	13.714	ng	# 19
58) Fluorene	16.29	166	3340	0.422	ng	# 80
60) Diethylphthalate	15.19	149	63	0.007	ng	# 58
63) Azobenzene	16.28	77	325	0.037	ng	# 1
65) 4,6-Dinitro-2-methylphenol	16.29	198	234	4.449	ng	# 1
66) n-Nitrosodiphenylamine	16.29	169	3161	0.383	ng	# 51
67) 4-Bromophenyl-phenylether	16.29	248	6094	2.024	ng	# 1
71) Phenanthrene	17.60	178	66	0.005	ng	# 59
72) Anthracene	17.63	178	63	0.005	ng	# 60
74) Di-n-butylphthalate	18.26	149	119	0.007	ng	# 77

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

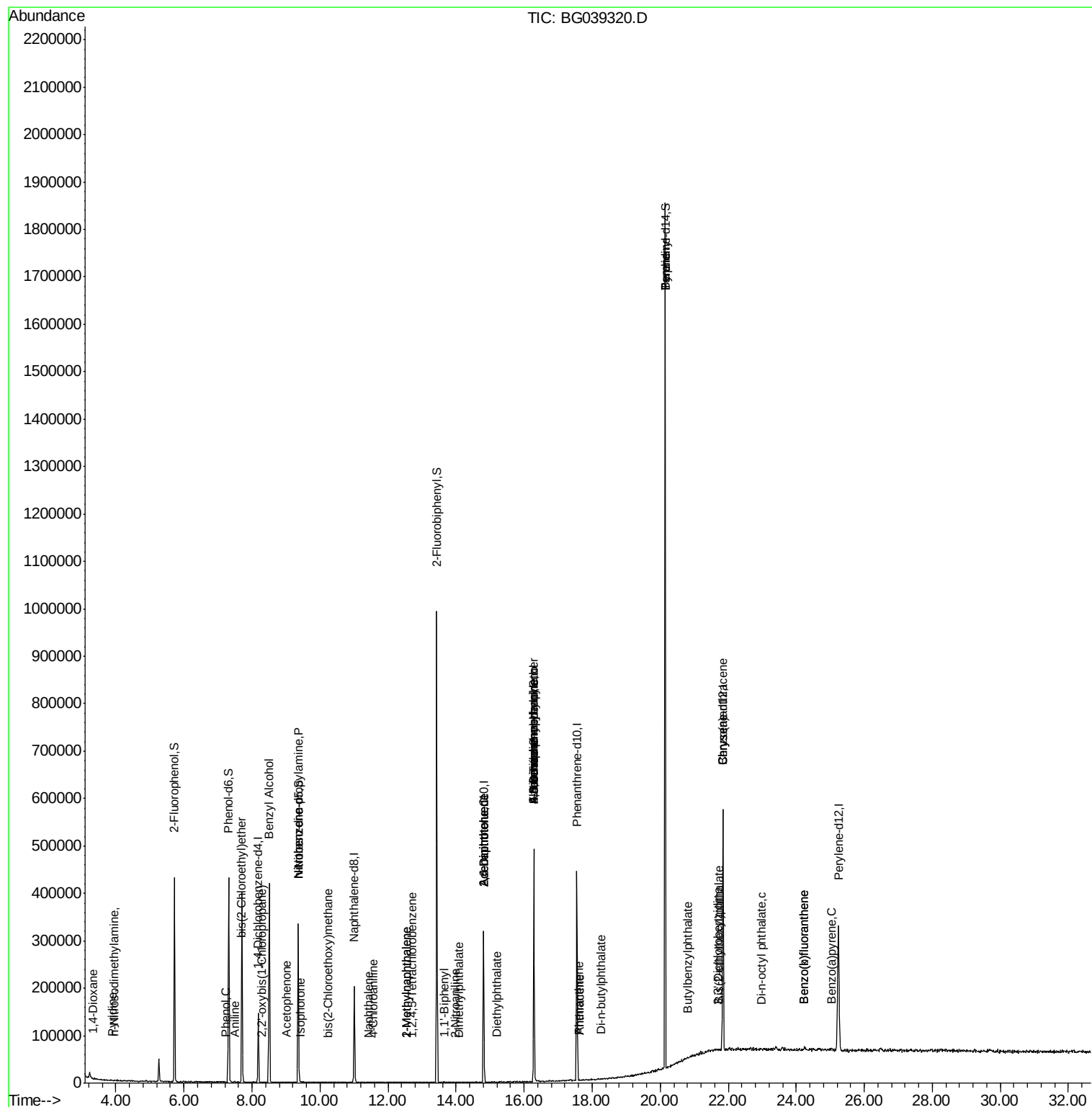
77) Benzidine	20.15	184	14947	1.480	ng	96
78) Pyrene	20.15	202	3079	0.161	ng	# 59
80) Butylbenzylphthalate	20.81	149	367	0.045	ng	# 22
81) Benzo(a)anthracene	21.84	228	693	0.038	ng	# 50
82) 3,3'-Dichlorobenzidine	21.69	252	68	0.010	ng	# 26
83) Chrysene	21.84	228	693	0.040	ng	# 48
84) Bis(2-ethylhexyl)phthalate	21.73	149	510	0.044	ng	# 52
85) Di-n-octyl phthalate	22.99	149	227	0.012	ng	# 71
88) Benzo(b)fluoranthene	24.22	252	59	0.004	ng	# 60
89) Benzo(k)fluoranthene	24.22	252	59	0.004	ng	# 59
90) Benzo(a)pyrene	25.03	252	63	0.004	ng	# 59

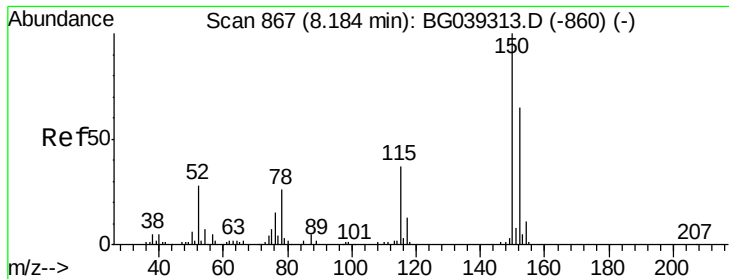
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.00 min

Lab File: BG039320.D

Acq: 29 Jan 2019 17:03

Instrument :

BNA_G

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PB116679BL

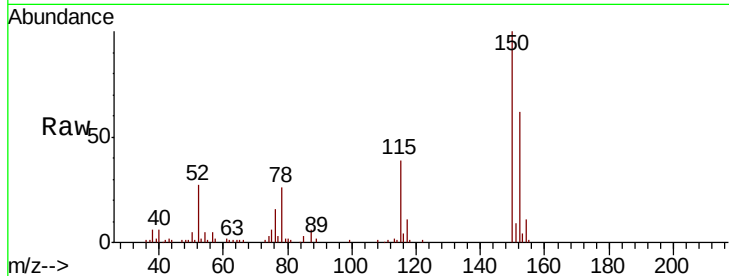
Tgt Ion:152 Resp: 39341

Ion Ratio Lower Upper

152 100

150 162.2 123.7 185.5

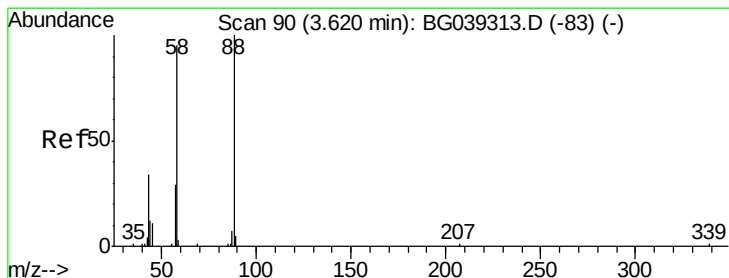
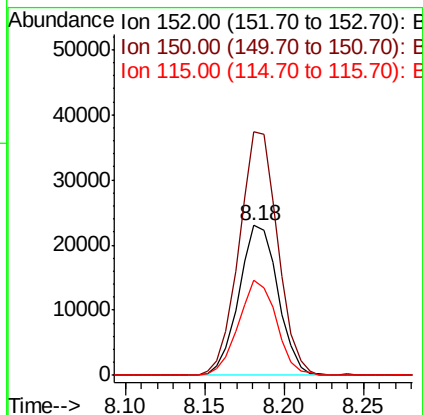
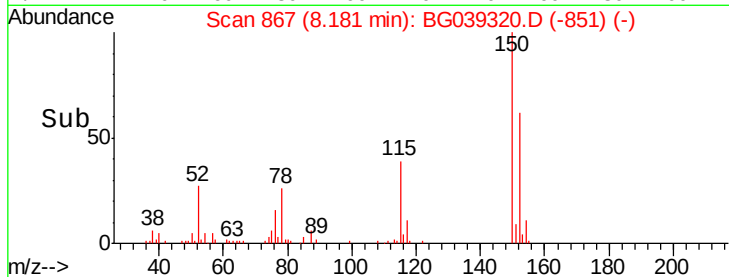
115 63.6 45.9 68.9



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



#2

1,4-Dioxane

Concen: 0.064 ng

RT: 3.32 min Scan# 39

Delta R.T. -0.30 min

Lab File: BG039320.D

Acq: 29 Jan 2019 17:03

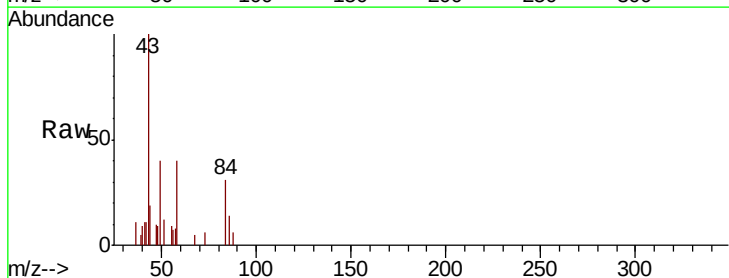
Tgt Ion: 88 Resp: 64

Ion Ratio Lower Upper

88 100

58 446.9 81.1 121.7#

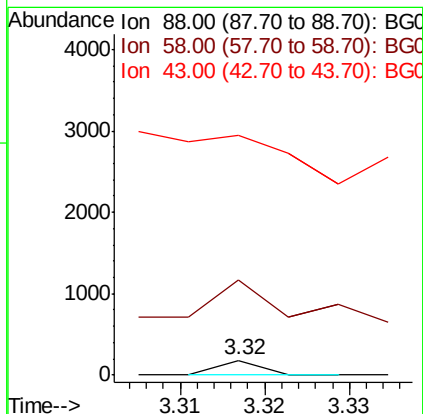
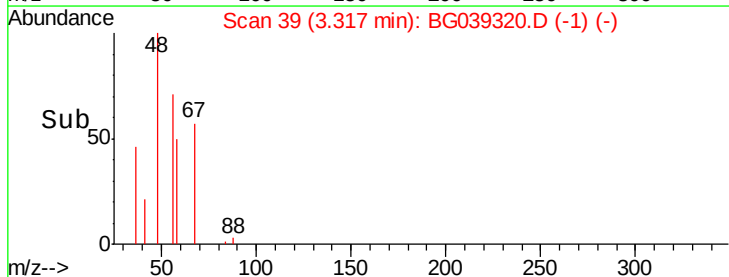
43 0.0 31.4 47.0#

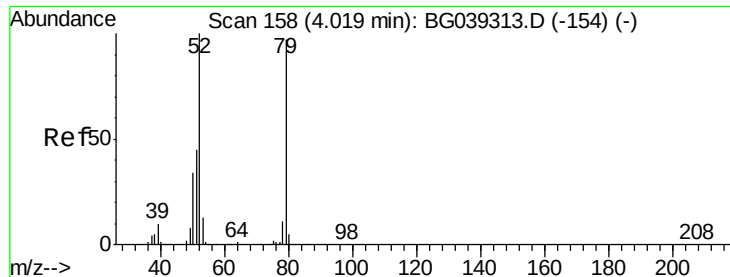


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 0.020 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.12 min

Lab File: BG039320.D

Acq: 29 Jan 2019 17:03

Instrument :

BNA_G

ClientSampleId :

PB116679BL

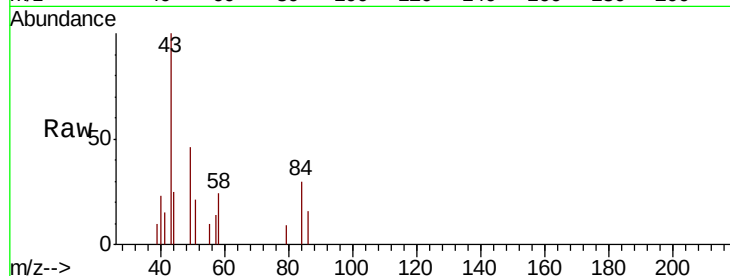
Tgt Ion: 79 Resp: 54

Ion Ratio Lower Upper

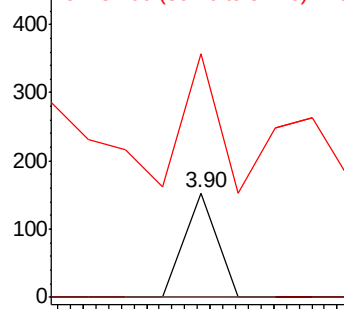
79 100

52 0.0 82.6 124.0#

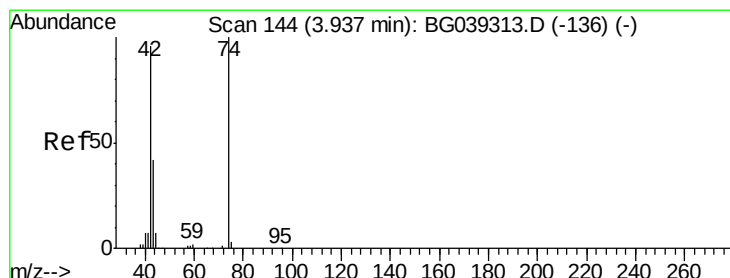
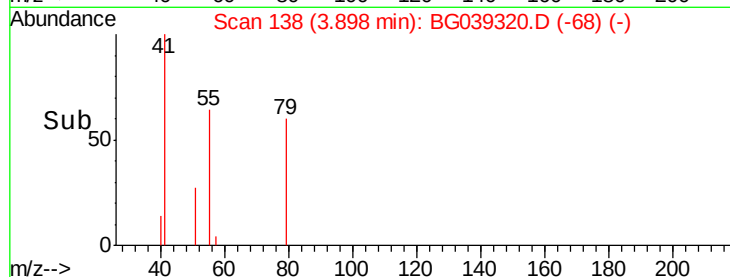
51 233.3 37.5 56.3#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



Time-->



#4

n-Nitrosodimethylamine

Concen: 0.322 ng

RT: 3.93 min Scan# 144

Delta R.T. -0.00 min

Lab File: BG039320.D

Acq: 29 Jan 2019 17:03

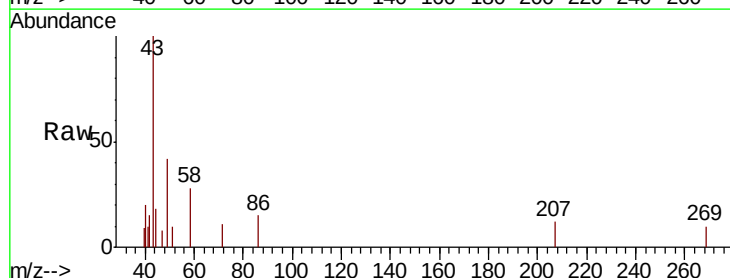
Tgt Ion: 42 Resp: 429

Ion Ratio Lower Upper

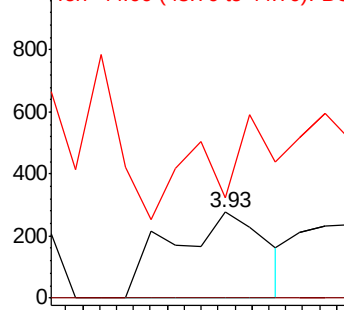
42 100

74 0.0 83.6 125.4#

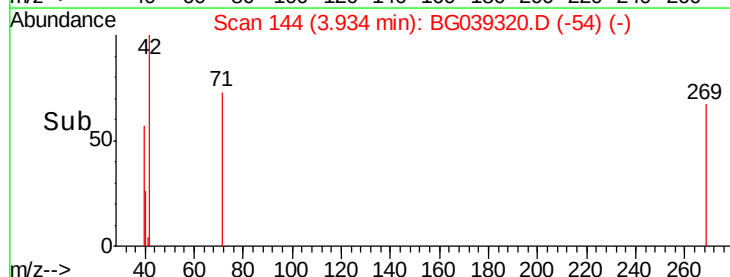
44 117.8 6.9 10.3#

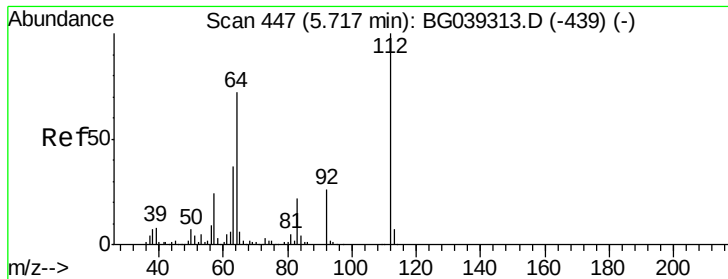


Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC



Time-->





#5

2-Fluorophenol

Concen: 73.541 ng

RT: 5.72 min Scan# 448

Delta R.T. 0.00 min

Lab File: BG039320.D

Acq: 29 Jan 2019 17:03

Instrument :

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PB116679BL

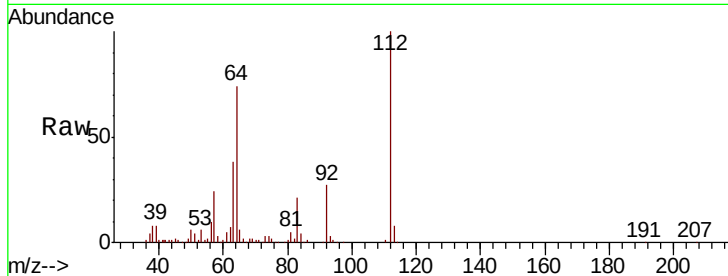
Tgt Ion: 112 Resp: 169043

Ion Ratio Lower Upper

112 100

64 73.6 57.8 86.8

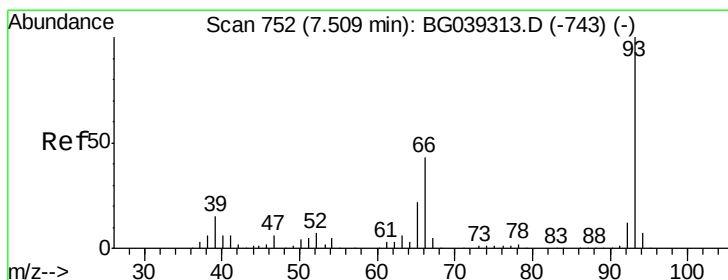
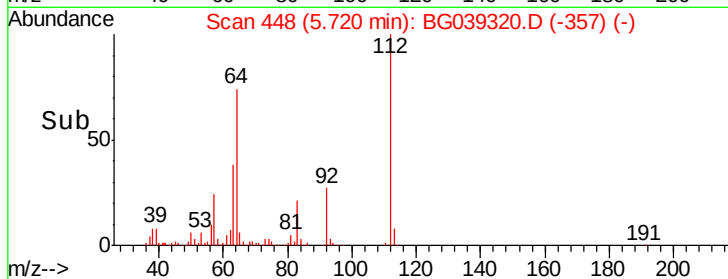
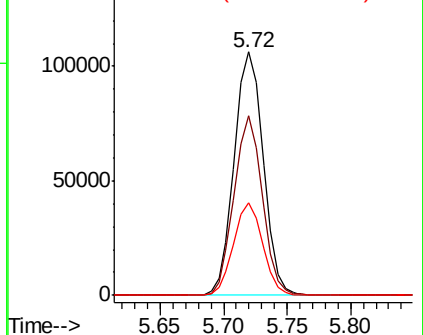
63 38.1 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.013 ng

RT: 7.51 min Scan# 753

Delta R.T. 0.00 min

Lab File: BG039320.D

Acq: 29 Jan 2019 17:03

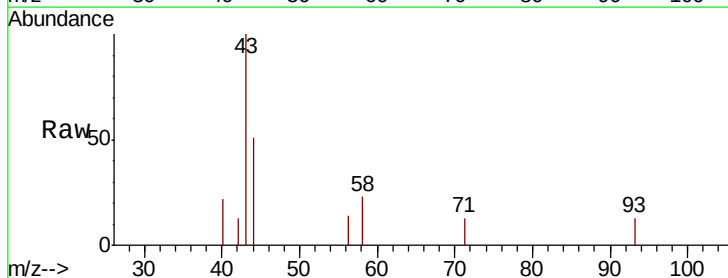
Tgt Ion: 93 Resp: 55

Ion Ratio Lower Upper

93 100

66 0.0 34.2 51.4#

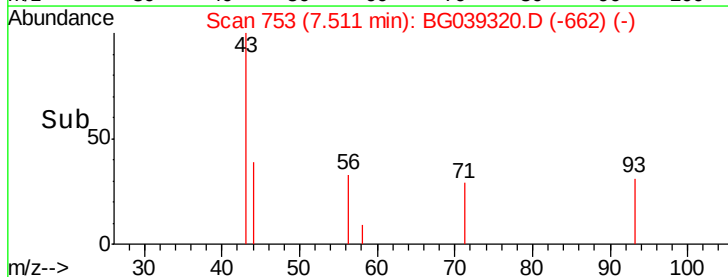
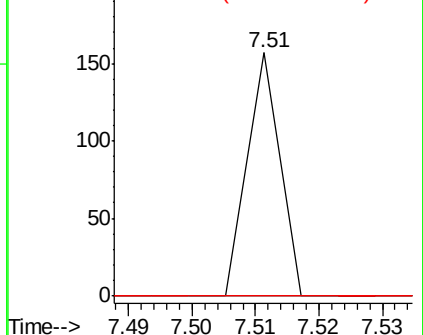
65 0.0 17.7 26.5#

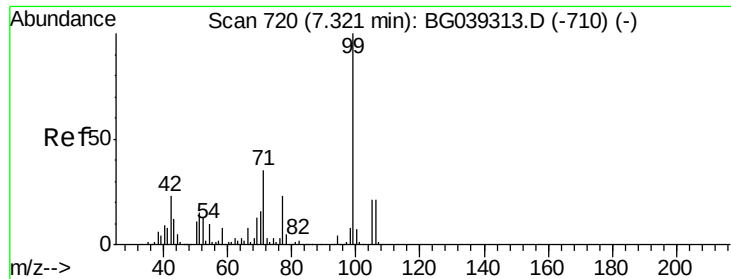


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 70.278 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039320.D

Acq: 29 Jan 2019 17:03

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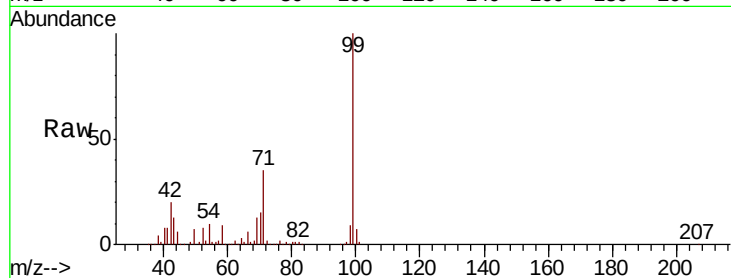
Tgt Ion: 99 Resp: 237785

Ion Ratio Lower Upper

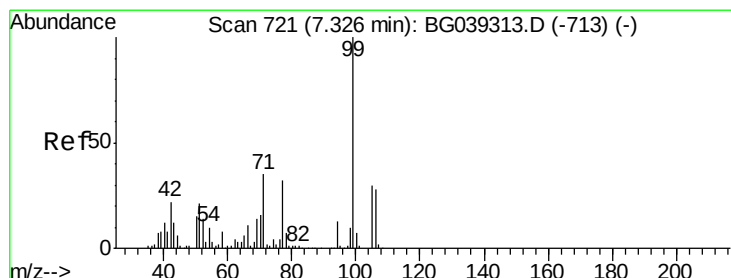
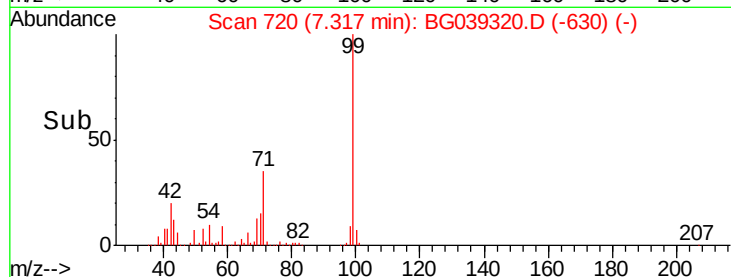
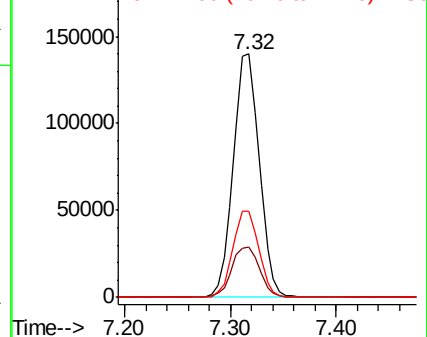
99 100

42 20.5 18.2 27.2

71 35.2 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



#9

Benzaldehyde

Concen: Below Cal

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG039320.D

Acq: 29 Jan 2019 17:03

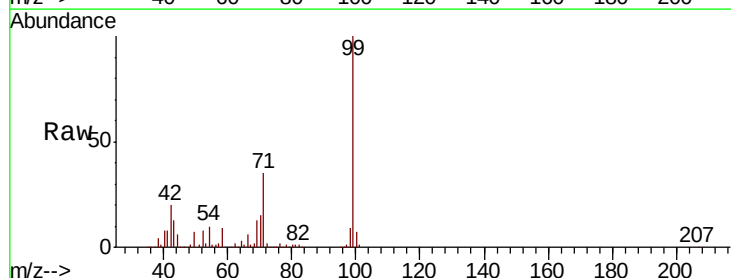
Tgt Ion: 77 Resp: 238

Ion Ratio Lower Upper

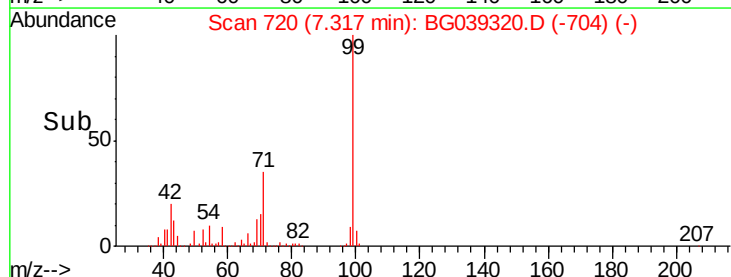
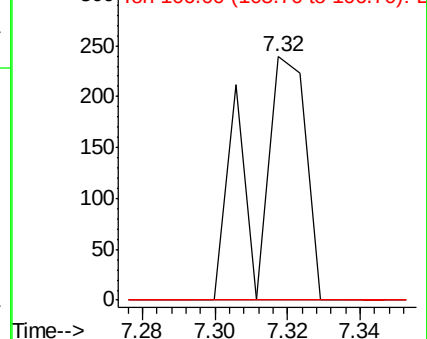
77 100

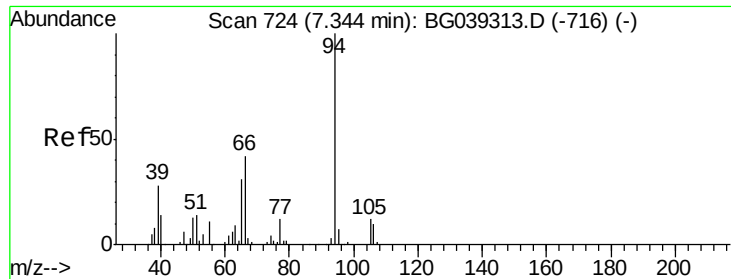
105 0.0 74.5 114.5#

106 0.0 68.0 108.0#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

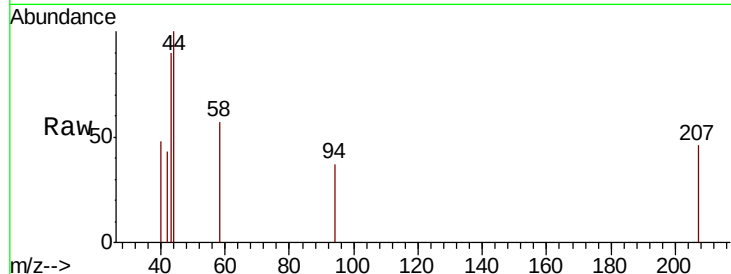




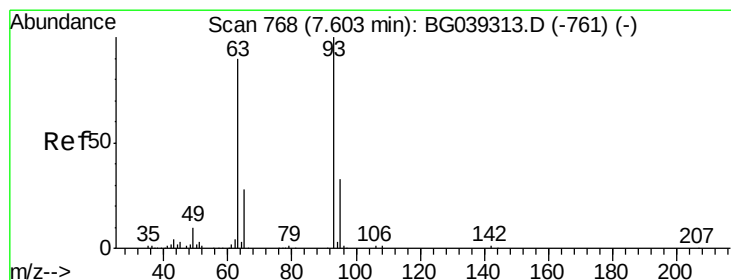
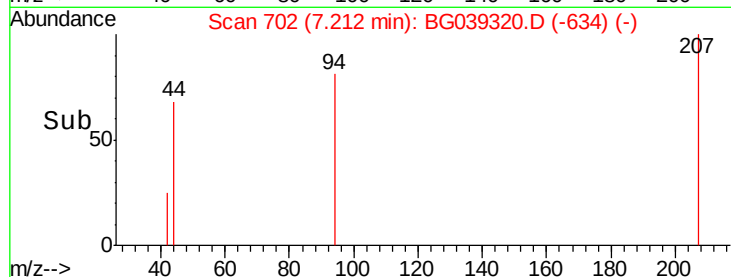
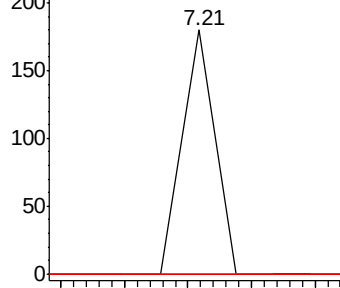
#10
Phenol
Concen: 0.018 ng
RT: 7.21 min Scan# 702
Delta R.T. -0.13 min
Lab File: BG039320.D
Acq: 29 Jan 2019 17:03

Instrument :
BNA_G
ClientSampleId :
PB116679BL

Tgt Ion: 94 Resp: 63
Ion Ratio Lower Upper
94 100
65 0.0 11.7 51.7#
66 0.0 23.7 63.7#

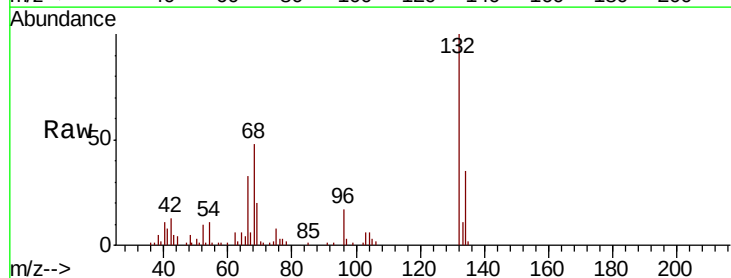


Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

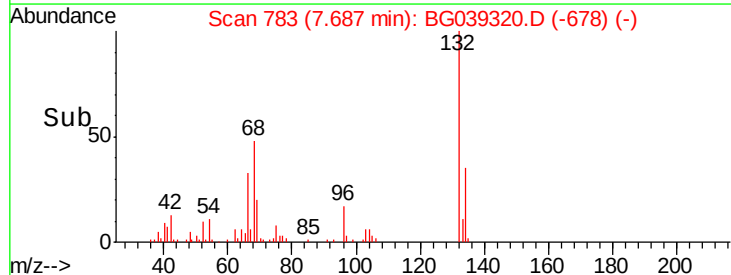
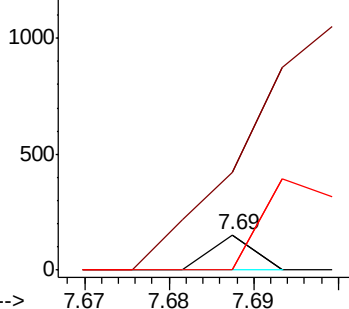


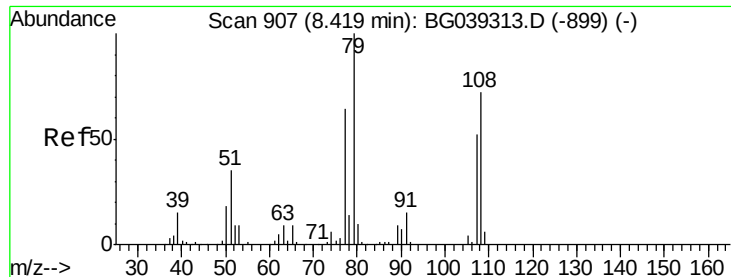
#11
bis(2-Chloroethyl)ether
Concen: 0.019 ng
RT: 7.69 min Scan# 783
Delta R.T. 0.08 min
Lab File: BG039320.D
Acq: 29 Jan 2019 17:03

Tgt Ion: 93 Resp: 53
Ion Ratio Lower Upper
93 100
63 278.8 69.5 109.5#
95 0.0 12.7 52.7#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC





#15

Benzyl Alcohol

Concen: 1.324 ng

RT: 8.51 min Scan# 923

Delta R.T. 0.09 min

Lab File: BG039320.D

Acq: 29 Jan 2019 17:03

Instrument :

BNA_G

ClientSampleId :

PB116679BL

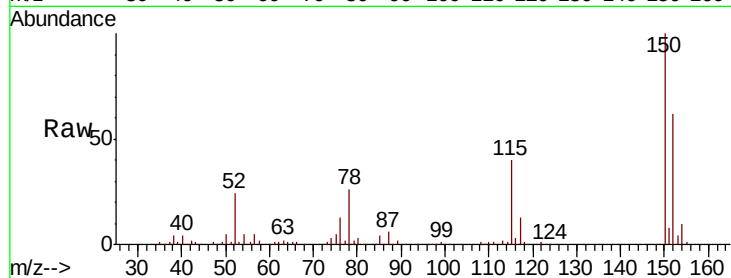
Tgt Ion: 79 Resp: 3516

Ion Ratio Lower Upper

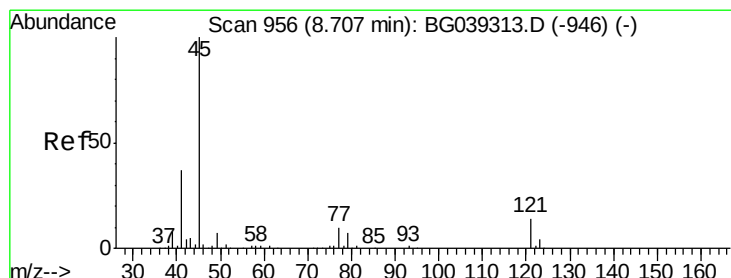
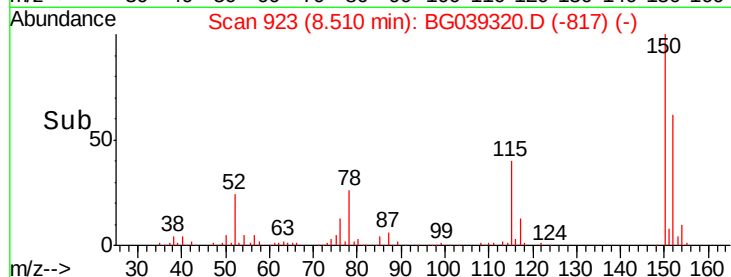
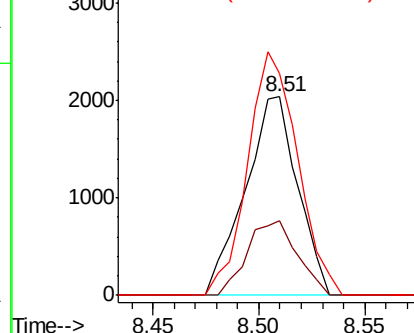
79 100

108 37.4 57.8 86.6#

77 111.7 51.1 76.7#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.009 ng

RT: 8.27 min Scan# 883

Delta R.T. -0.43 min

Lab File: BG039320.D

Acq: 29 Jan 2019 17:03

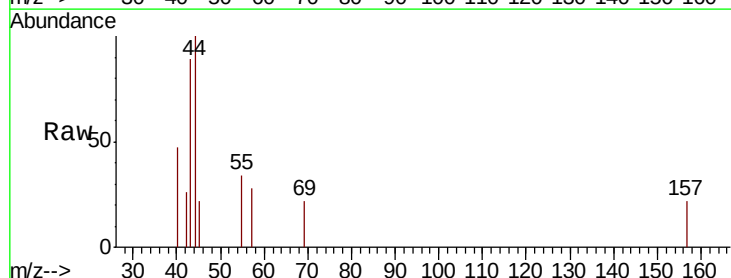
Tgt Ion: 45 Resp: 54

Ion Ratio Lower Upper

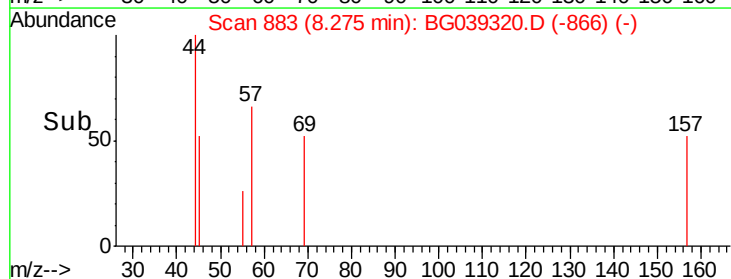
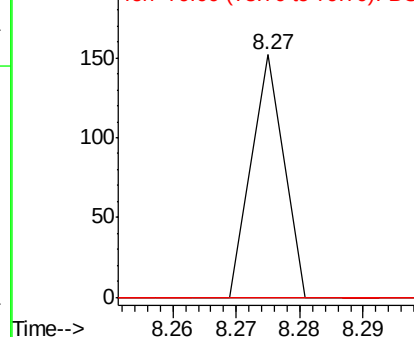
45 100

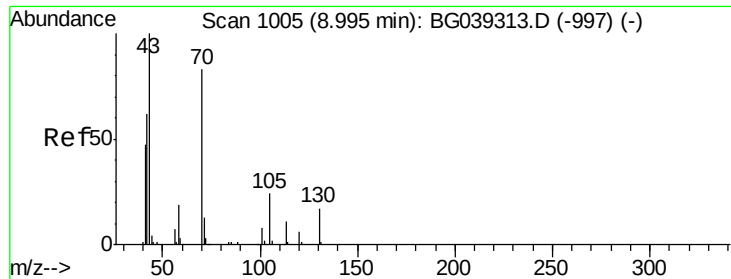
77 0.0 0.0 30.0

79 0.0 0.0 27.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

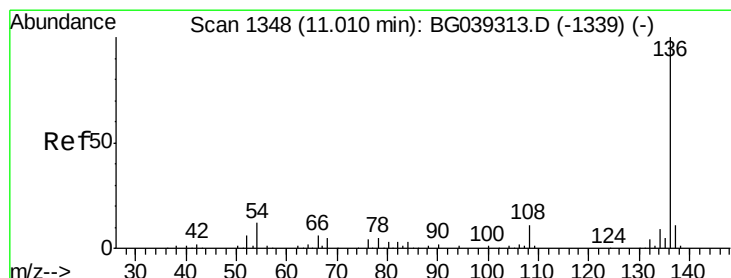
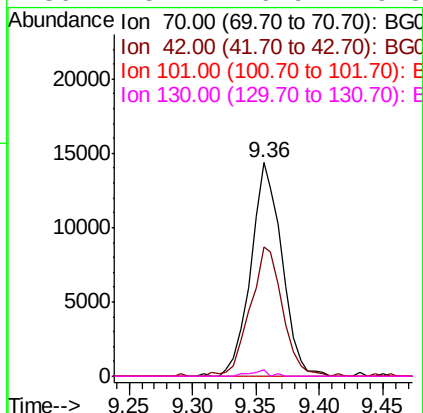
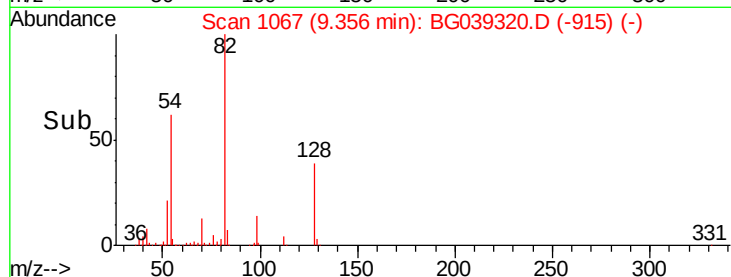
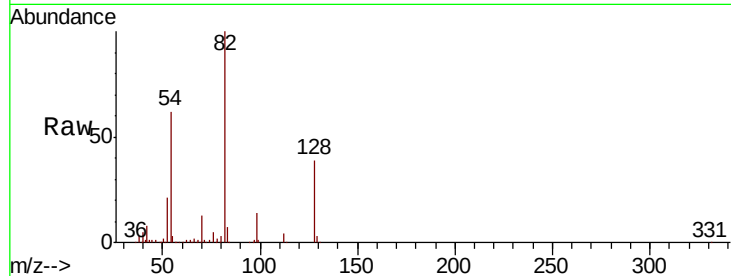




#19
n-Nitroso-di-n-propylamine
Concen: 10.205 ng
RT: 9.36 min Scan# 1067
Delta R.T. 0.36 min
Lab File: BG039320.D
Acq: 29 Jan 2019 17:03

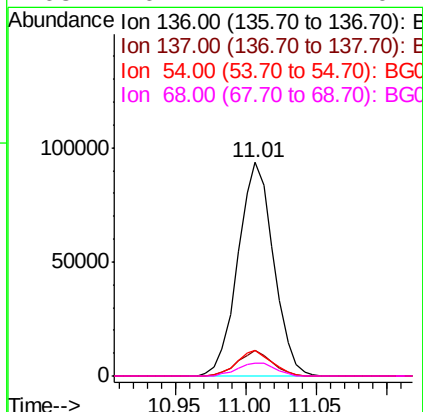
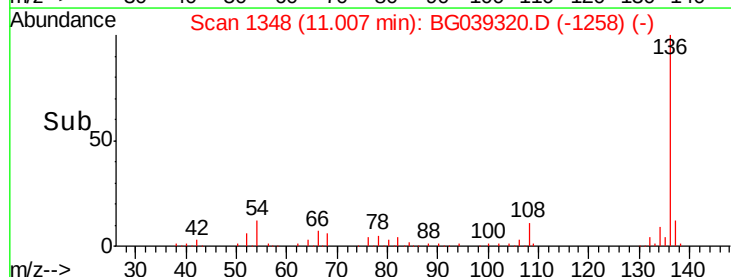
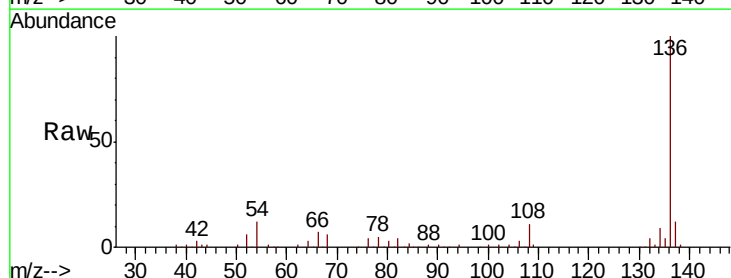
Instrument :
BNA_G
ClientSampleId :
PB116679BL

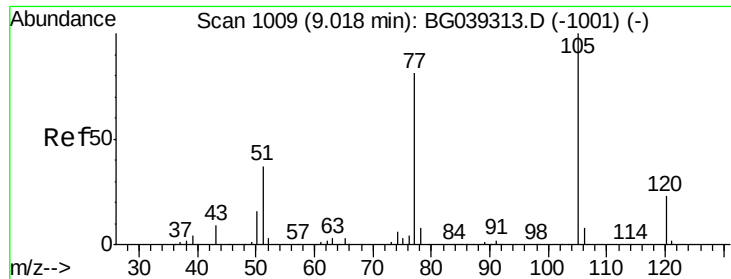
Tgt Ion: 70 Resp: 24508
Ion Ratio Lower Upper
70 100
42 60.7 60.4 90.6
101 0.0 7.5 11.3#
130 3.2 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BG039320.D
Acq: 29 Jan 2019 17:03

Tgt Ion: 136 Resp: 164612
Ion Ratio Lower Upper
136 100
137 11.8 9.1 13.7
54 12.3 9.4 14.2
68 6.1 4.2 6.4

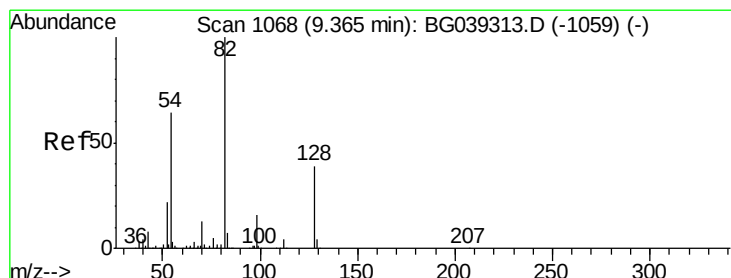
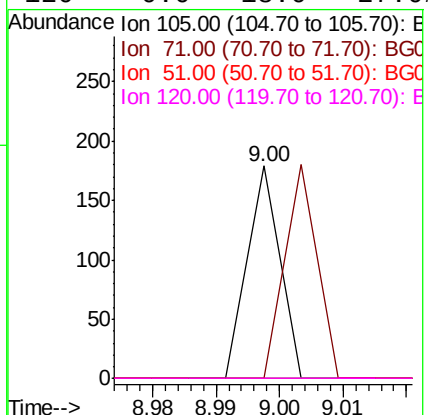
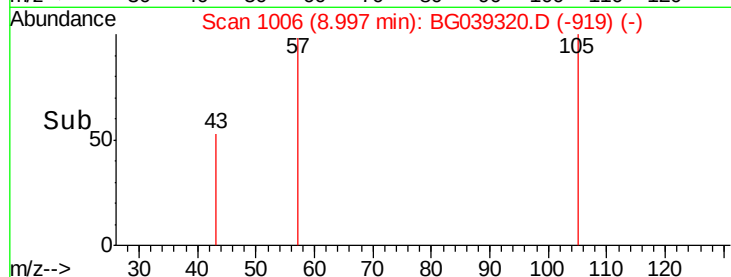
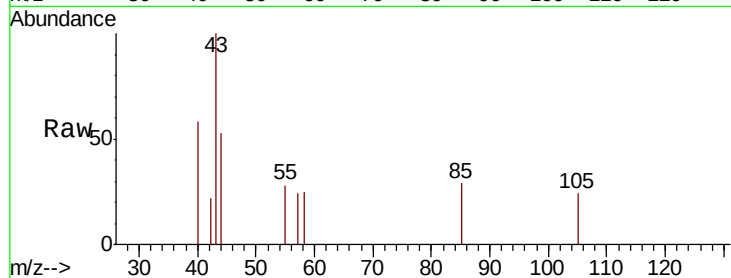




#22
Acetophenone
Concen: 0.014 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039320.D
Acq: 29 Jan 2019 17:03

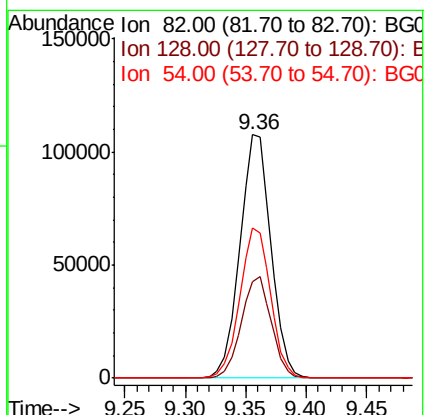
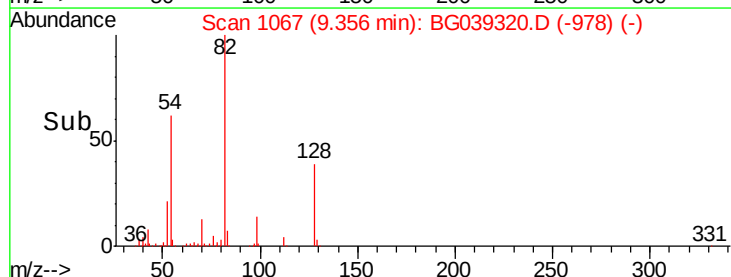
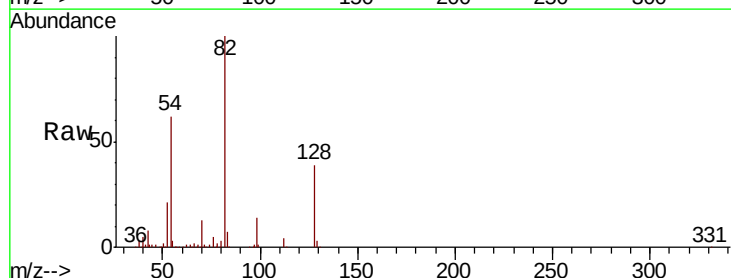
Instrument :
BNA_G
ClientSampleId :
PB116679BL

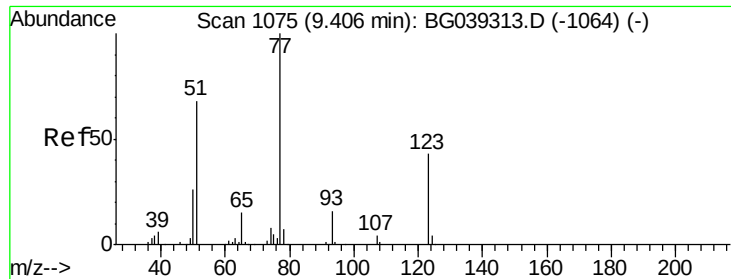
Tgt Ion: 105 Resp: 63
Ion Ratio Lower Upper
105 100
71 0.0 0.8 1.2#
51 0.0 30.2 45.2#
120 0.0 18.0 27.0#



#23
Nitrobenzene-d5
Concen: 73.256 ng
RT: 9.36 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG039320.D
Acq: 29 Jan 2019 17:03

Tgt Ion: 82 Resp: 193028
Ion Ratio Lower Upper
82 100
128 39.5 31.3 46.9
54 61.9 50.9 76.3

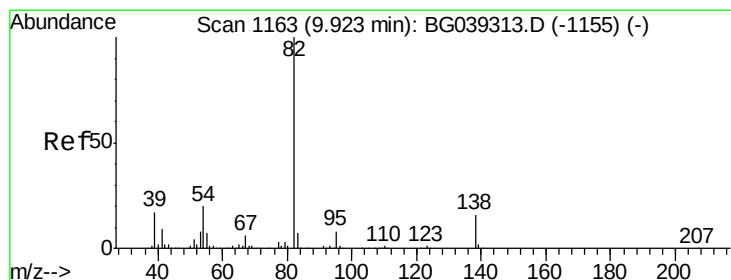
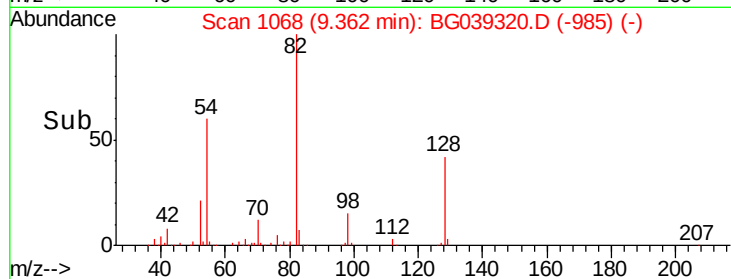
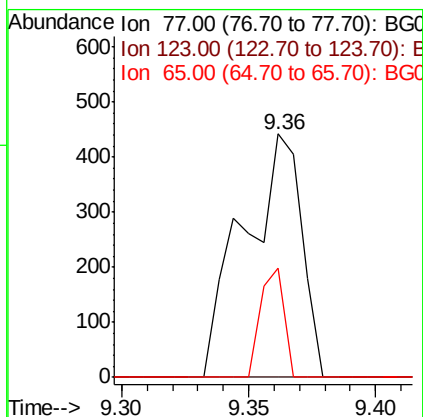
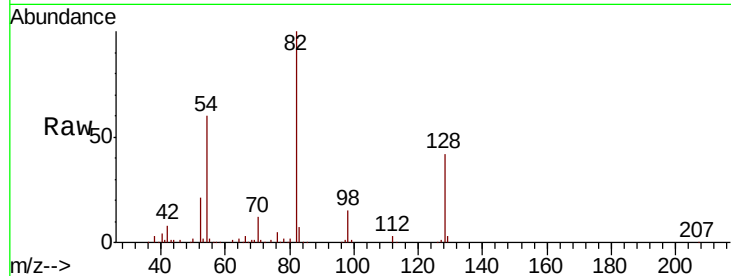




#24
 Nitrobenzene
 Concen: 0.248 ng
 RT: 9.36 min Scan# 1068
 Delta R.T. -0.04 min
 Lab File: BG039320.D
 Acq: 29 Jan 2019 17:03

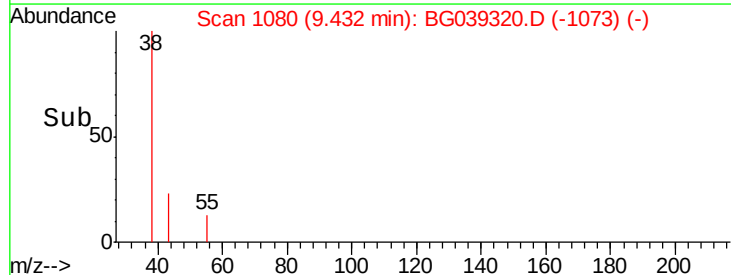
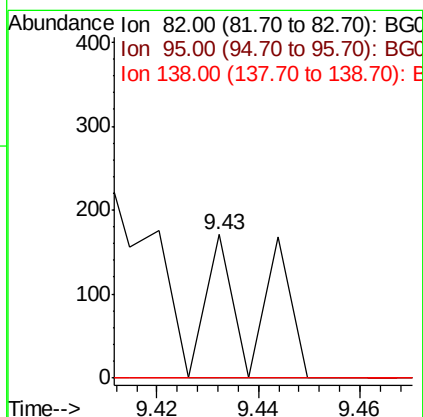
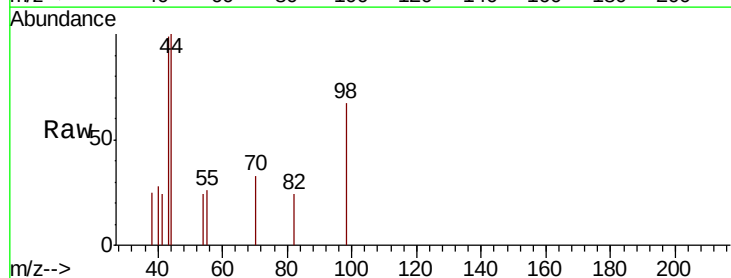
Instrument :
 BNA_G
 ClientSampleId :
 PB116679BL

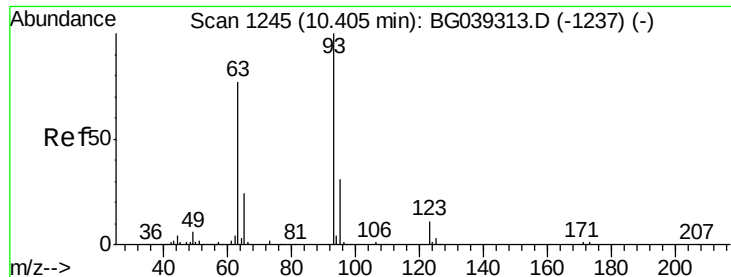
Tgt Ion: 77 Resp: 705
 Ion Ratio Lower Upper
 77 100
 123 0.0 34.1 51.1#
 65 45.0 12.3 18.5#



#25
 Isophorone
 Concen: 0.021 ng
 RT: 9.43 min Scan# 1080
 Delta R.T. -0.49 min
 Lab File: BG039320.D
 Acq: 29 Jan 2019 17:03

Tgt Ion: 82 Resp: 120
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.2 9.2#
 138 0.0 13.0 19.4#

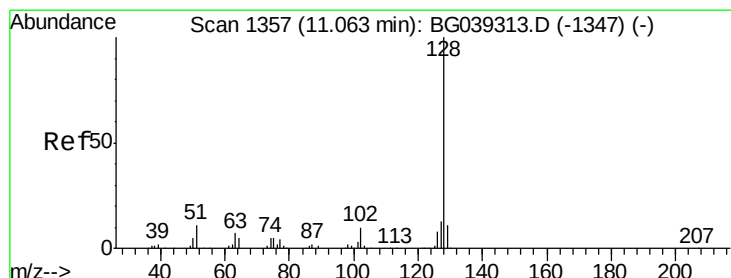
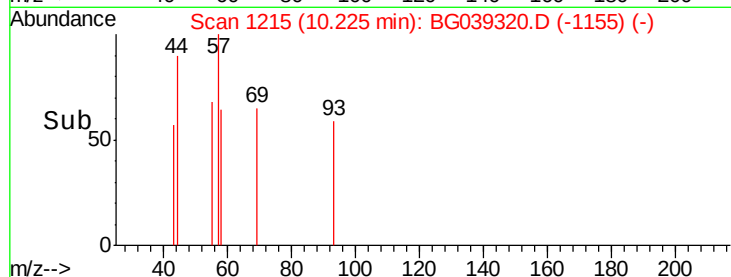
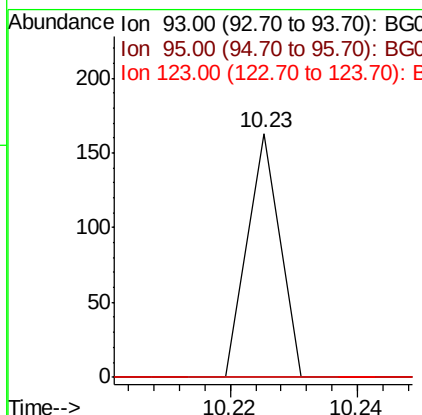
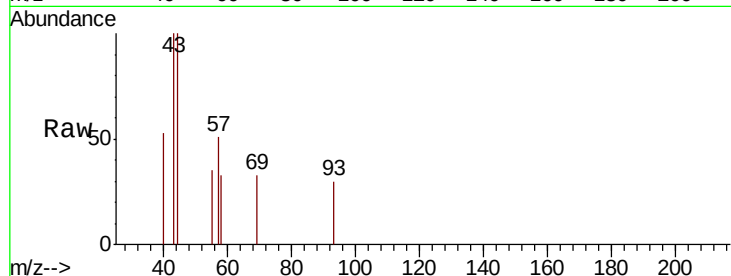




#28
bis(2-Chloroethoxy)methane
Concen: 0.016 ng
RT: 10.23 min Scan# 1215
Delta R.T. -0.18 min
Lab File: BG039320.D
Acq: 29 Jan 2019 17:03

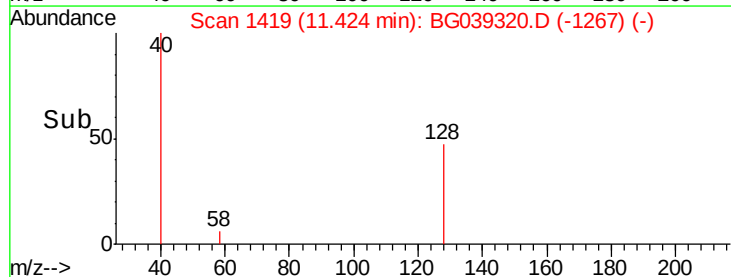
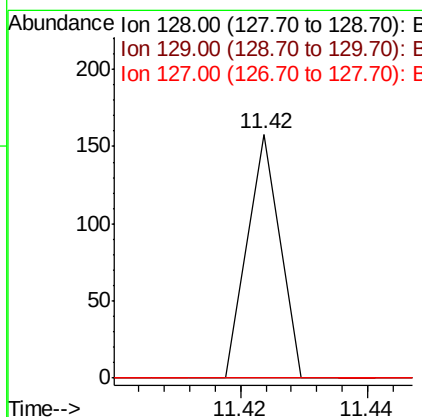
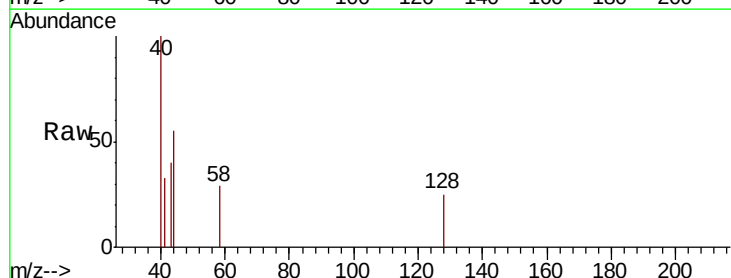
Instrument :
BNA_G
ClientSampleId :
PB116679BL

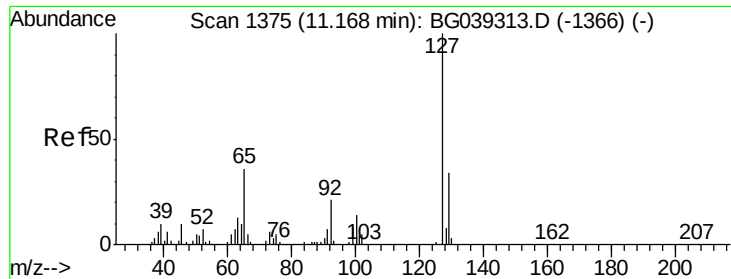
Tgt Ion: 93 Resp: 57
Ion Ratio Lower Upper
93 100
95 0.0 25.0 37.4#
123 0.0 8.6 12.8#



#31
Naphthalene
Concen: 0.007 ng
RT: 11.42 min Scan# 1419
Delta R.T. 0.36 min
Lab File: BG039320.D
Acq: 29 Jan 2019 17:03

Tgt Ion: 128 Resp: 56
Ion Ratio Lower Upper
128 100
129 0.0 8.7 13.1#
127 0.0 10.8 16.2#

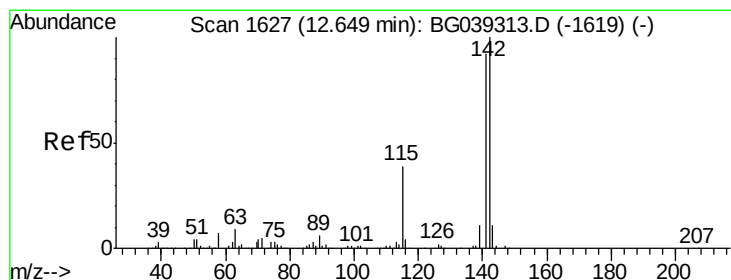
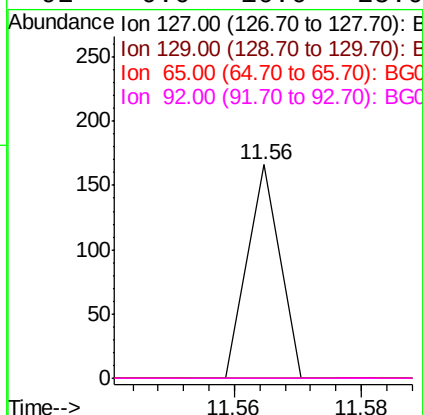
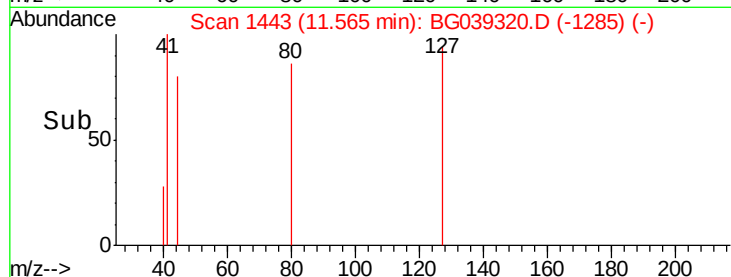
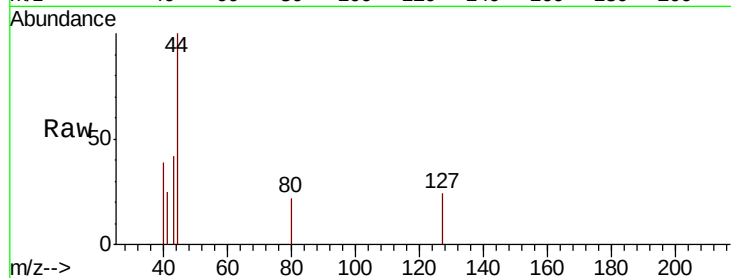




#33
4-Chloroaniline
Concen: 0.016 ng
RT: 11.56 min Scan# 1443
Delta R.T. 0.40 min
Lab File: BG039320.D
Acq: 29 Jan 2019 17:03

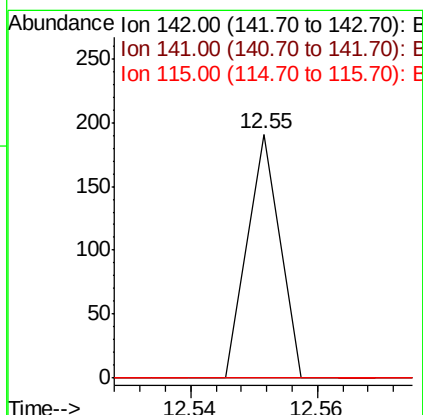
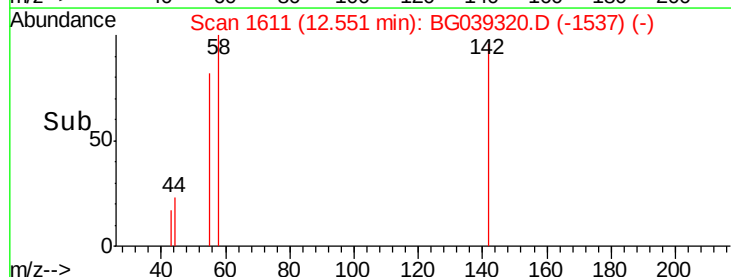
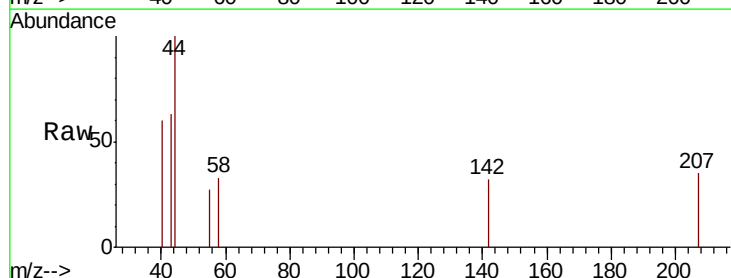
Instrument :
BNA_G
ClientSampleId :
PB116679BL

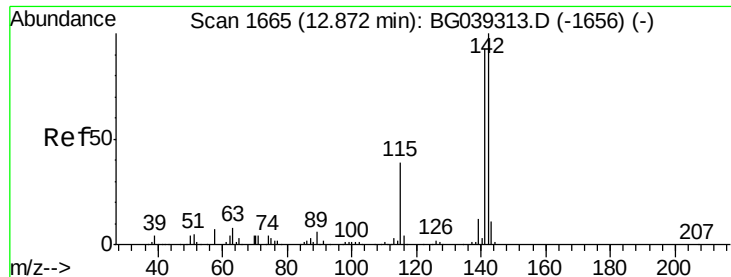
Tgt Ion:	127	Resp:	59
Ion	Ratio	Lower	Upper
127	100		
129	0.0	27.0	40.4#
65	0.0	28.8	43.2#
92	0.0	16.6	25.0#



#37
2-Methylnaphthalene
Concen: 0.011 ng
RT: 12.55 min Scan# 1611
Delta R.T. -0.10 min
Lab File: BG039320.D
Acq: 29 Jan 2019 17:03

Tgt Ion:	142	Resp:	67
Ion	Ratio	Lower	Upper
142	100		
141	0.0	73.5	110.3#
115	0.0	30.8	46.2#

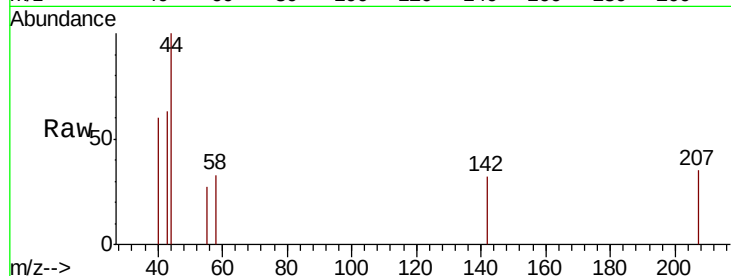




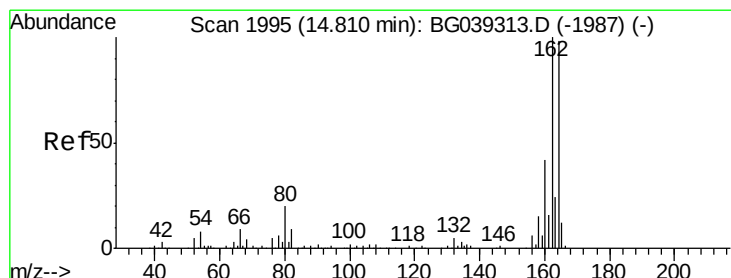
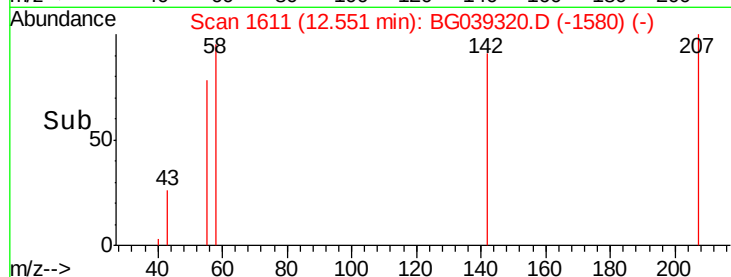
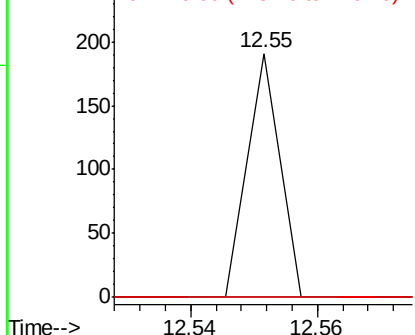
#38
1-Methylnaphthalene
Concen: 0.011 ng
RT: 12.55 min Scan# 1611
Delta R.T. -0.32 min
Lab File: BG039320.D
Acq: 29 Jan 2019 17:03

Instrument :
BNA_G
ClientSampleId :
PB116679BL

Tgt Ion:142 Resp: 67
Ion Ratio Lower Upper
142 100
141 0.0 74.2 111.4#
116 0.0 3.0 4.6#

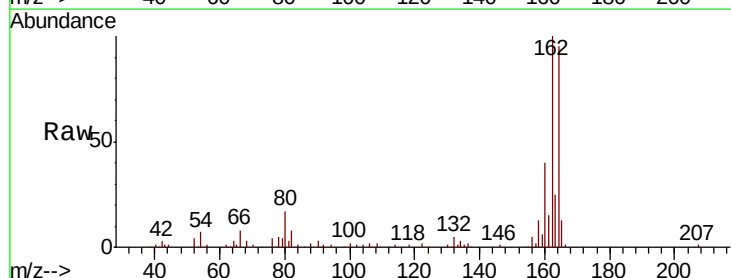


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

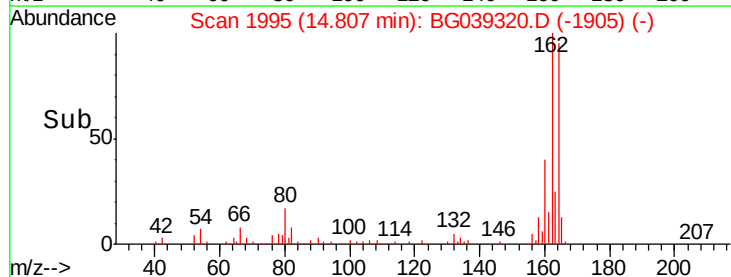
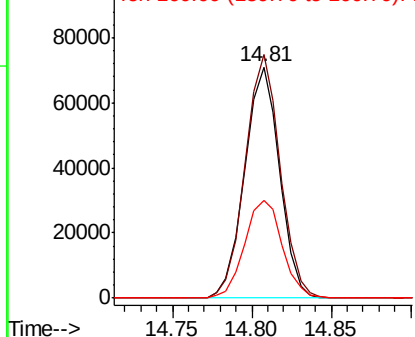


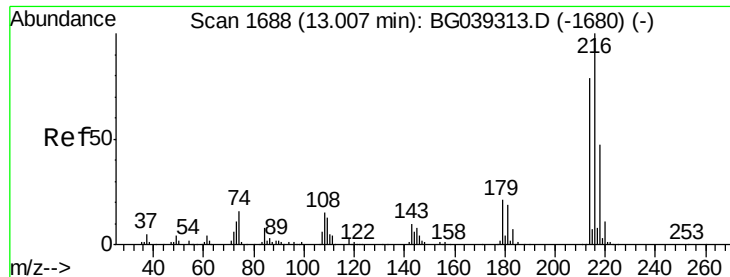
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.81 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BG039320.D
Acq: 29 Jan 2019 17:03

Tgt Ion:164 Resp: 108135
Ion Ratio Lower Upper
164 100
162 105.3 81.6 122.4
160 42.2 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





#40

1,2,4,5-Tetrachlorobenzene

Concen: 0.019 ng

RT: 12.70 min Scan# 1637

Delta R.T. -0.30 min

Lab File: BG039320.D

Acq: 29 Jan 2019 17:03

Instrument :

BNA_G

ClientSampleId :

PB116679BL

Tgt Ion:216 Resp: 67

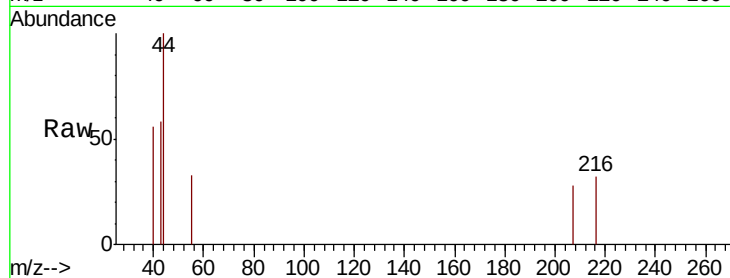
Ion Ratio Lower Upper

216 100

214 0.0 62.6 94.0#

179 0.0 16.6 25.0#

108 0.0 14.0 21.0#

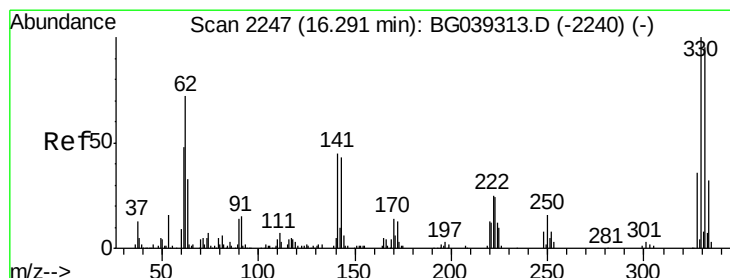
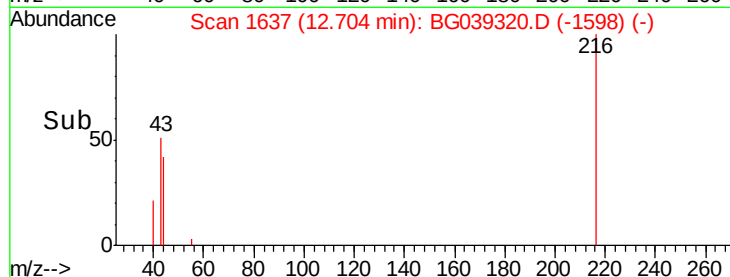
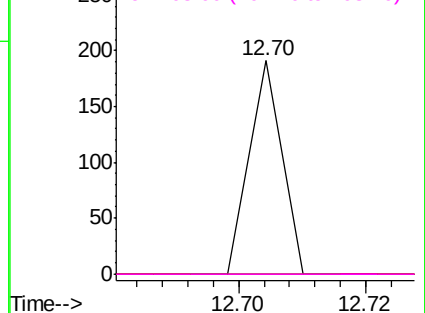


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#42

2,4,6-Tribromophenol

Concen: 66.572 ng

RT: 16.29 min Scan# 2247

Delta R.T. -0.00 min

Lab File: BG039320.D

Acq: 29 Jan 2019 17:03

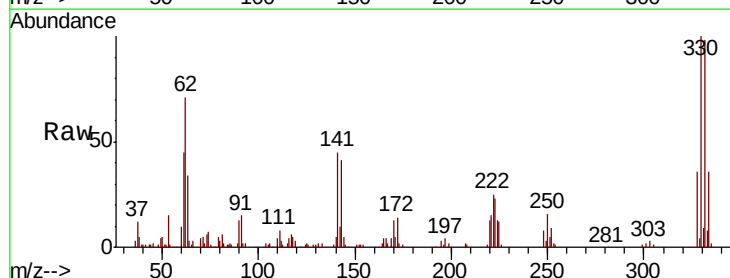
Tgt Ion:330 Resp: 77518

Ion Ratio Lower Upper

330 100

332 95.4 75.7 113.5

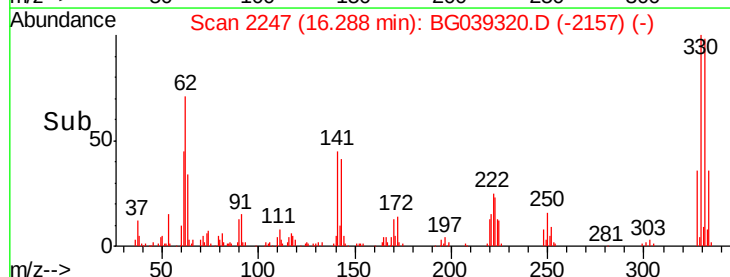
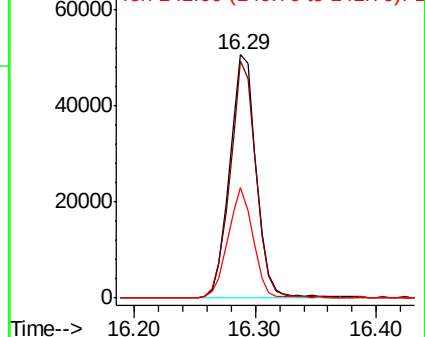
141 43.1 35.6 53.4

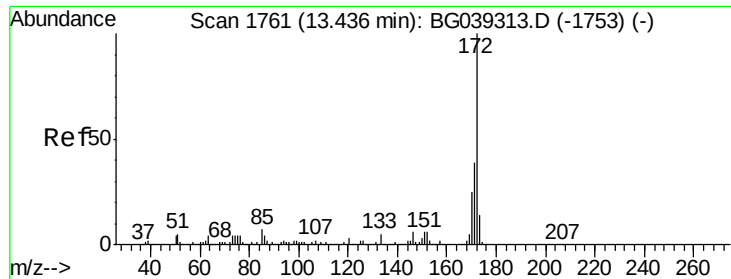


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

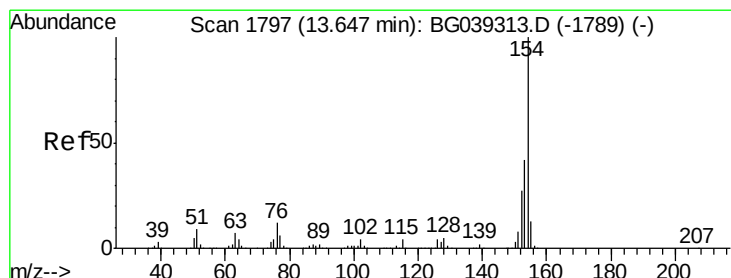
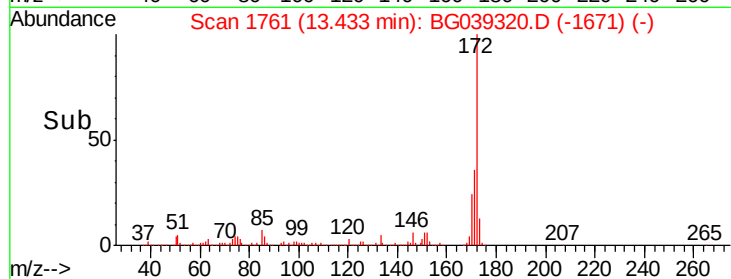
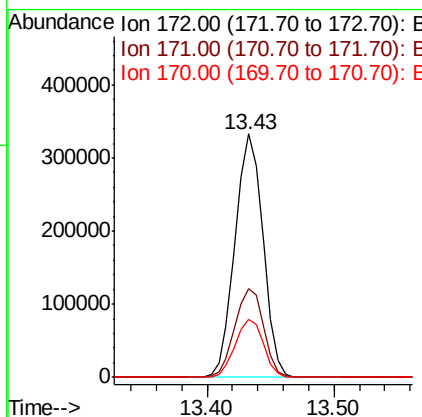
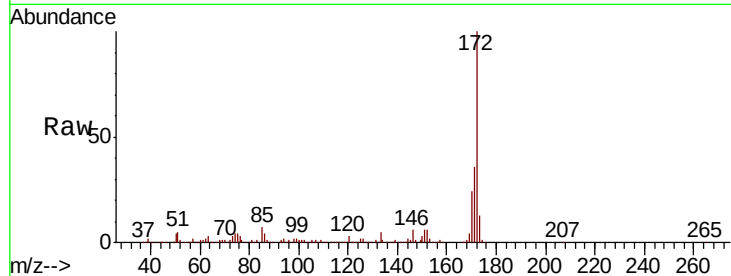




#45
2-Fluorobiphenyl
Concen: 67.347 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG039320.D
Acq: 29 Jan 2019 17:03

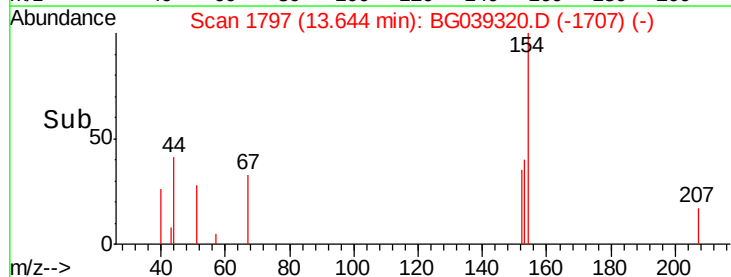
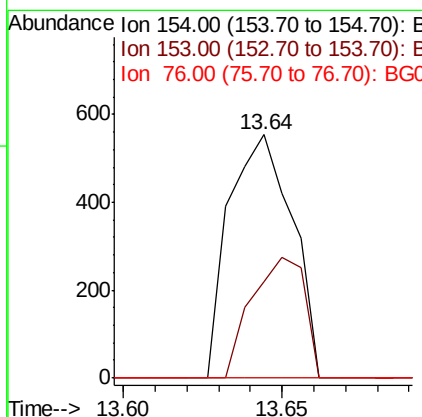
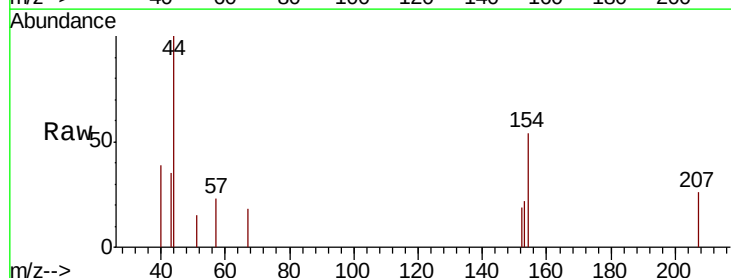
Instrument :
BNA_G
ClientSampleId :
PB116679BL

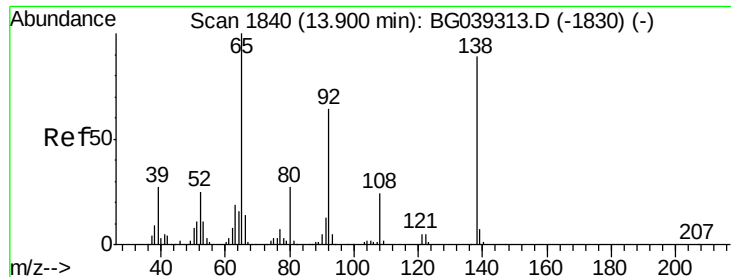
Tgt Ion:172 Resp: 507658
Ion Ratio Lower Upper
172 100
171 36.2 30.8 46.2
170 24.1 20.2 30.4



#46
1,1'-Biphenyl
Concen: 0.085 ng
RT: 13.64 min Scan# 1797
Delta R.T. -0.00 min
Lab File: BG039320.D
Acq: 29 Jan 2019 17:03

Tgt Ion:154 Resp: 763
Ion Ratio Lower Upper
154 100
153 39.7 22.1 62.1
76 0.0 0.0 32.4

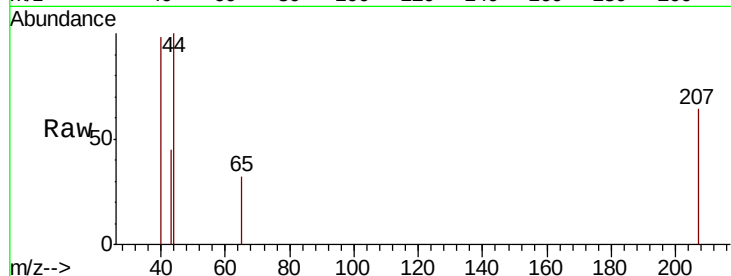




#48
2-Nitroaniline
Concen: 8.319 ng
RT: 13.98 min Scan# 1854
Delta R.T. 0.08 min
Lab File: BG039320.D
Acq: 29 Jan 2019 17:03

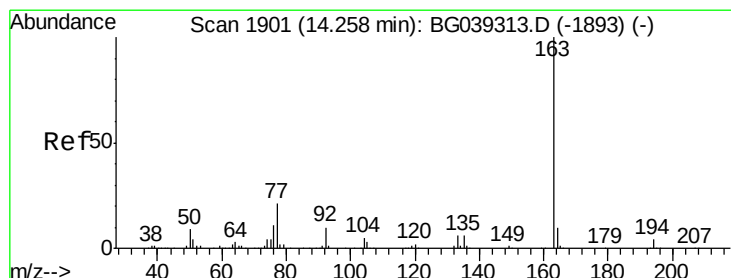
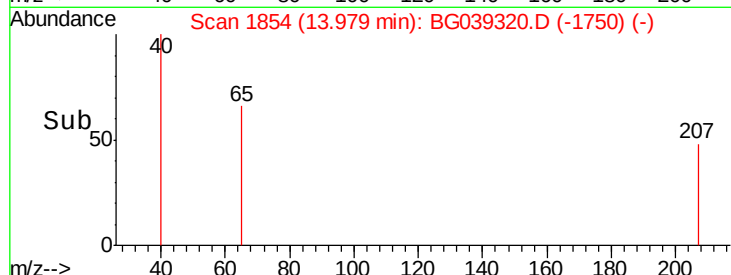
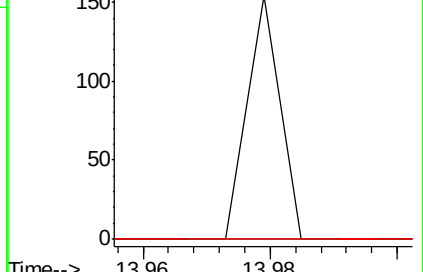
Instrument :
BNA_G
ClientSampleId :
PB116679BL

Tgt Ion: 65 Resp: 54
Ion Ratio Lower Upper
65 100
92 0.0 51.4 77.2#
138 0.0 71.4 107.2#



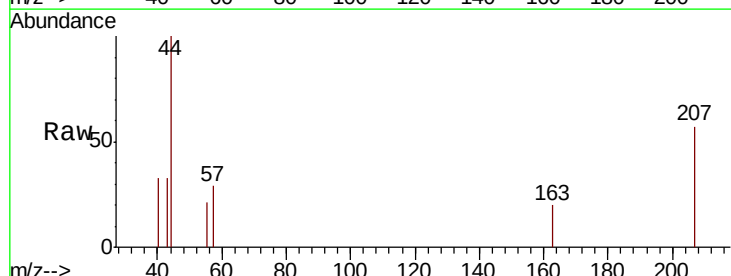
Abundance Ion 65.00 (64.70 to 65.70): BG0
Ion 92.00 (91.70 to 92.70): BG0
Ion 138.00 (137.70 to 138.70): E

13.98



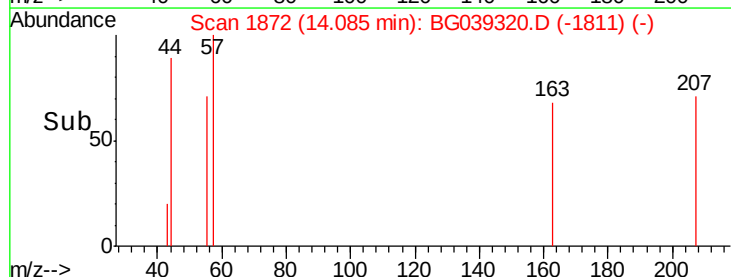
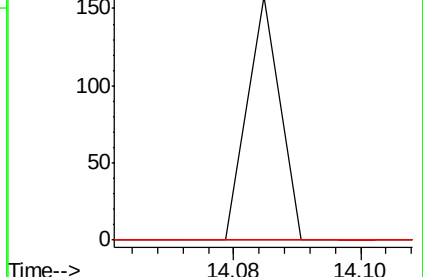
#50
Dimethylphthalate
Concen: 0.006 ng
RT: 14.08 min Scan# 1872
Delta R.T. -0.17 min
Lab File: BG039320.D
Acq: 29 Jan 2019 17:03

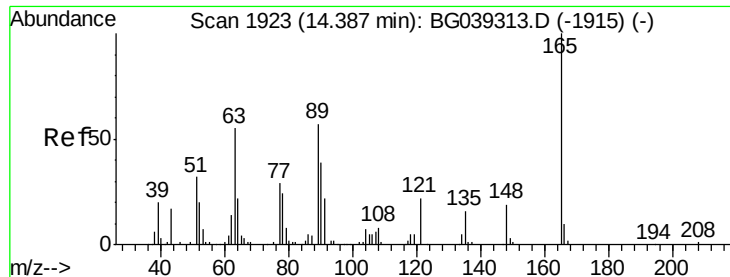
Tgt Ion: 163 Resp: 56
Ion Ratio Lower Upper
163 100
194 0.0 3.6 5.4#
164 0.0 8.4 12.6#



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

14.08

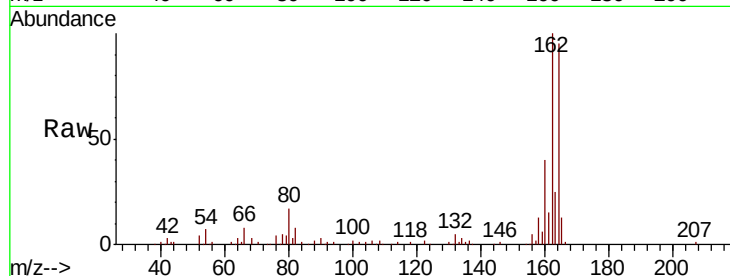




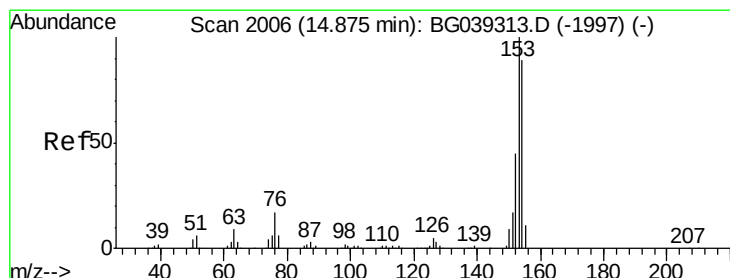
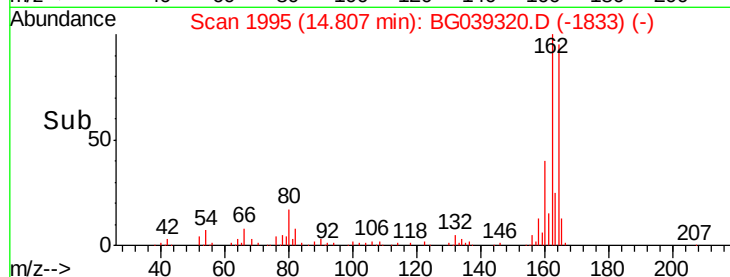
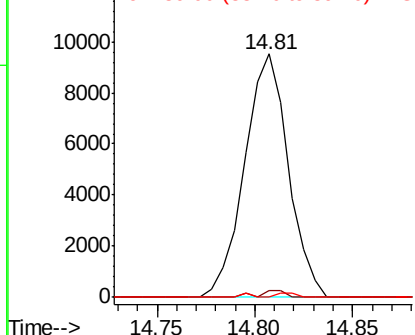
#51
2,6-Dinitrotoluene
Concen: 14.340 ng
RT: 14.81 min Scan# 1995
Delta R.T. 0.42 min
Lab File: BG039320.D
Acq: 29 Jan 2019 17:03

Instrument :
BNA_G
ClientSampleId :
PB116679BL

Tgt Ion:165 Resp: 14711
Ion Ratio Lower Upper
165 100
63 2.9 47.0 70.6#
89 0.0 45.8 68.8#

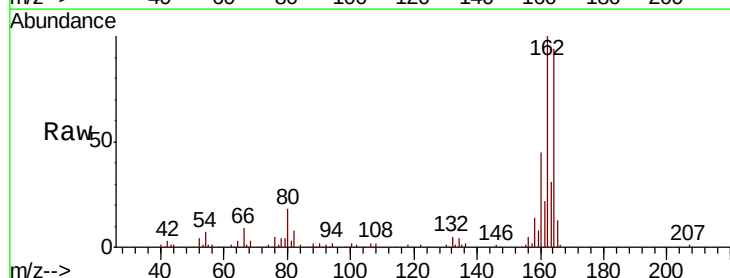


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

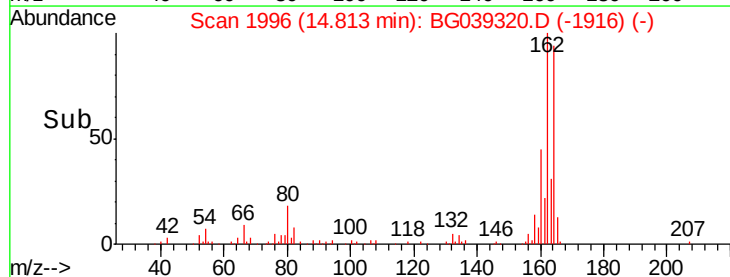
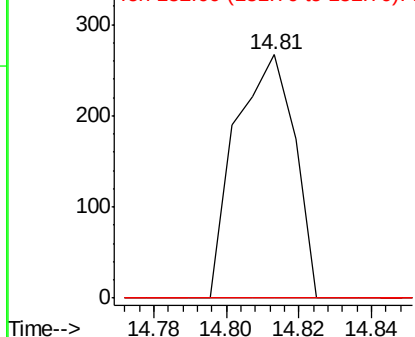


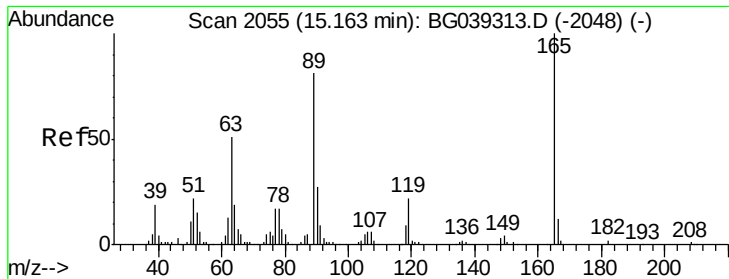
#52
Acenaphthene
Concen: 0.045 ng
RT: 14.81 min Scan# 1996
Delta R.T. -0.06 min
Lab File: BG039320.D
Acq: 29 Jan 2019 17:03

Tgt Ion:154 Resp: 300
Ion Ratio Lower Upper
154 100
153 0.0 90.1 135.1#
152 0.0 40.9 61.3#



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

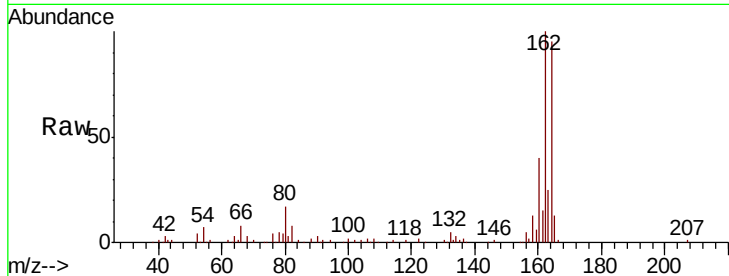




#57
 2,4-Dinitrotoluene
 Concen: 13.714 ng
 RT: 14.81 min Scan# 1995
 Delta R.T. -0.35 min
 Lab File: BG039320.D
 Acq: 29 Jan 2019 17:03

Instrument :
 BNA_G
 ClientSampleId :
 PB116679BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.9	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#



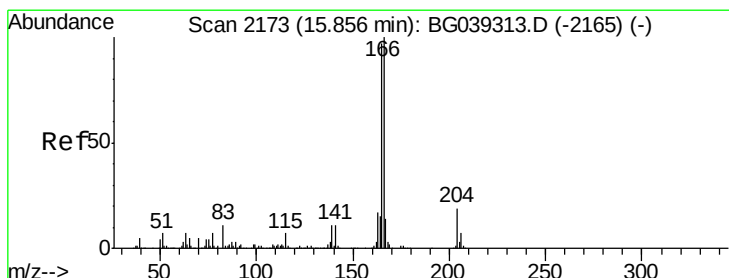
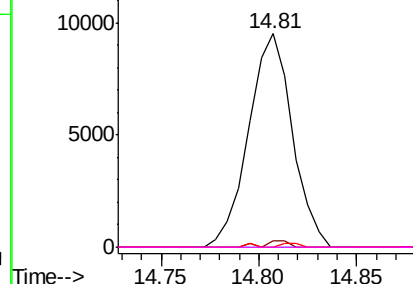
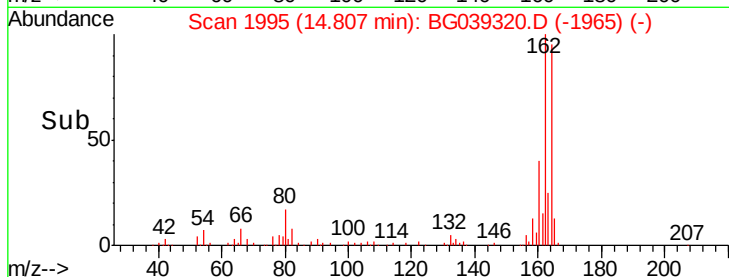
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

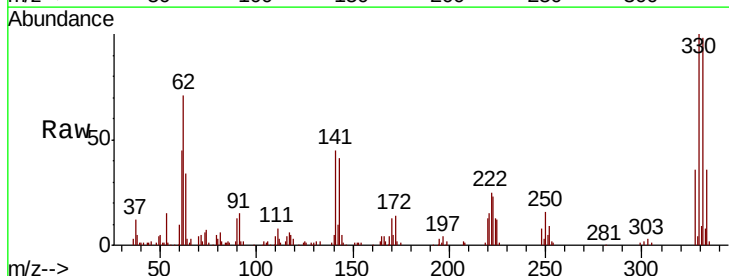
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 0.422 ng
 RT: 16.29 min Scan# 2247
 Delta R.T. 0.43 min
 Lab File: BG039320.D
 Acq: 29 Jan 2019 17:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	110.6	77.9	116.9
167	41.6	10.8	16.2#

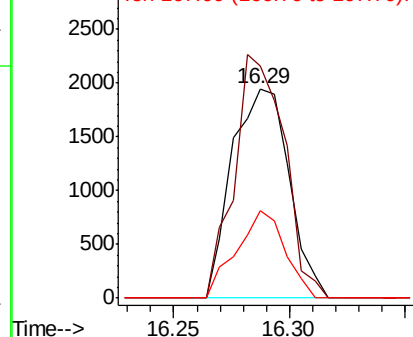
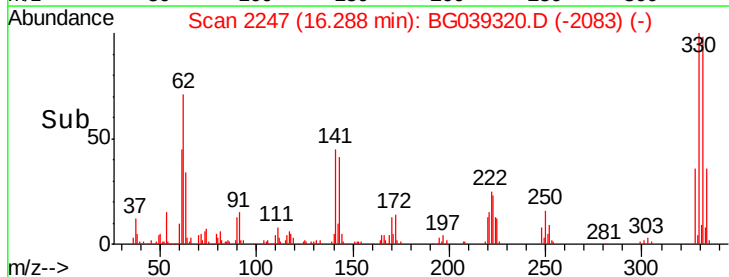


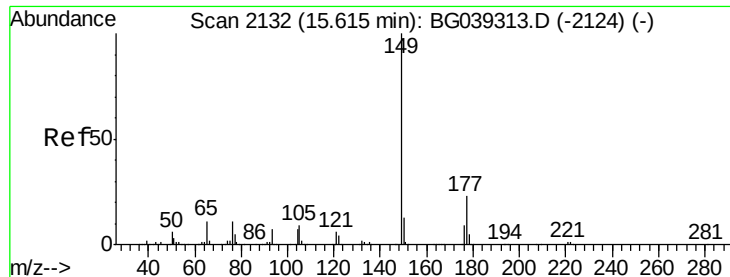
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#60

Diethylphthalate

Concen: 0.007 ng

RT: 15.19 min Scan# 2061

Delta R.T. -0.42 min

Lab File: BG039320.D

Acq: 29 Jan 2019 17:03

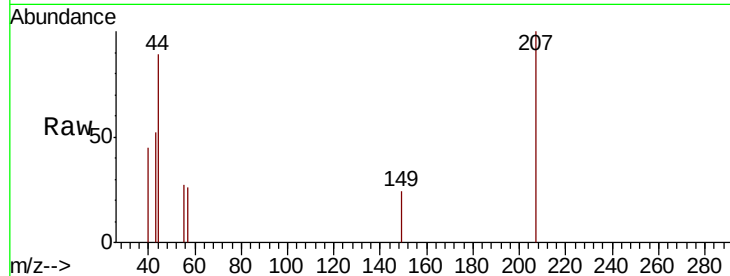
Instrument :

BNA_G

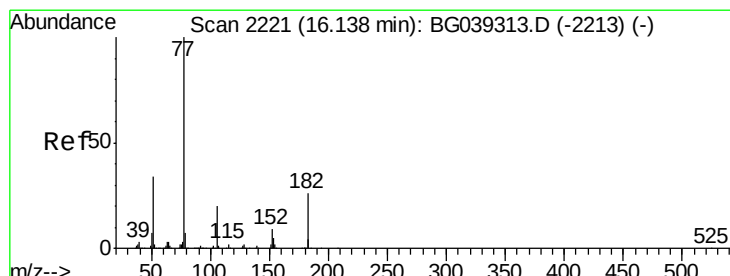
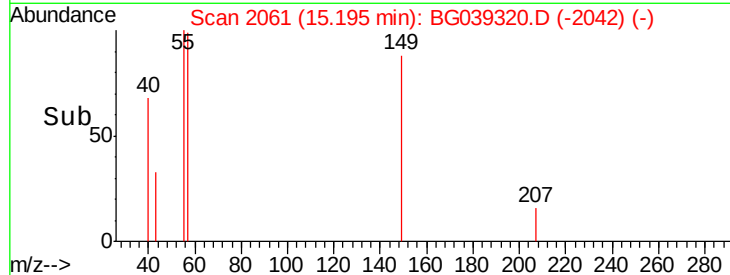
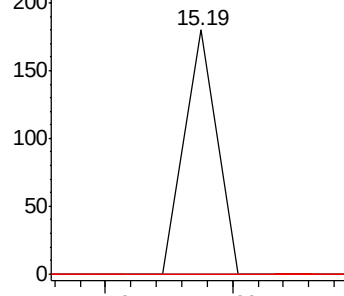
ClientSampleId :

PB116679BL

Tgt Ion:	149	Resp:	63
Ion	Ratio	Lower	Upper
149	100		
177	0.0	18.3	27.5#
150	0.0	10.2	15.2#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#63

Azobenzene

Concen: 0.037 ng

RT: 16.28 min Scan# 2246

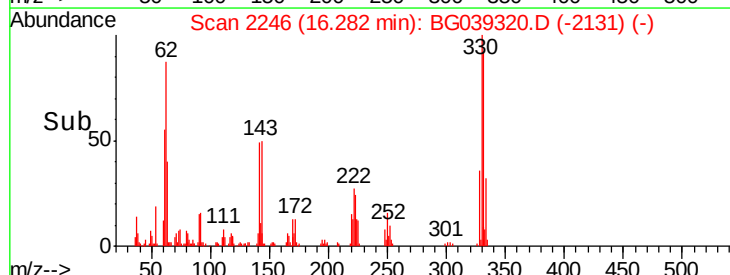
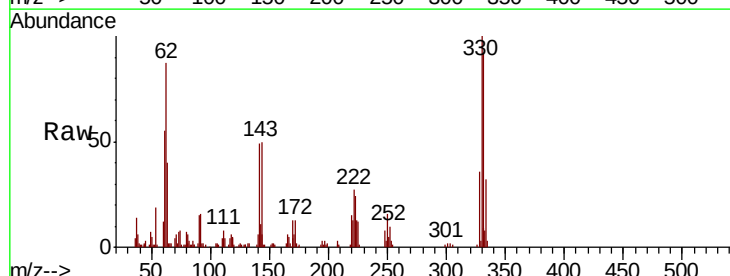
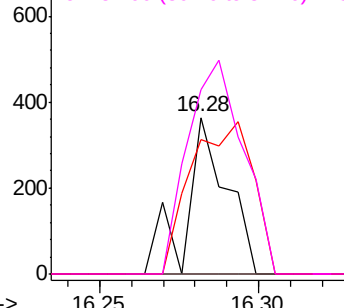
Delta R.T. 0.14 min

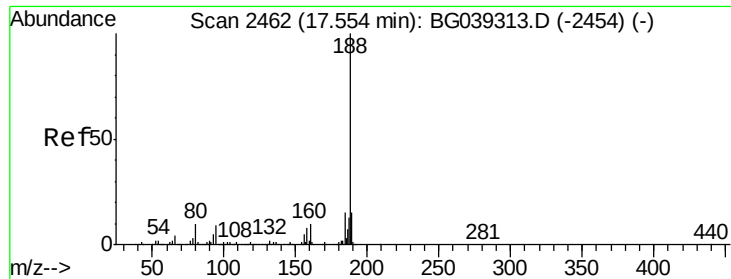
Lab File: BG039320.D

Acq: 29 Jan 2019 17:03

Tgt Ion:	77	Resp:	325
Ion	Ratio	Lower	Upper
77	100		
182	0.0	6.4	46.4#
105	85.7	0.0	39.8#
51	118.1	14.1	54.1#

Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.00 min

Lab File: BG039320.D

Acq: 29 Jan 2019 17:03

Instrument :

BNA_G

ClientSampleId :

PB116679BL

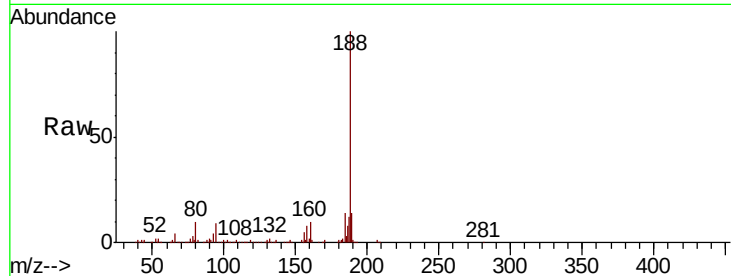
Tgt Ion:188 Resp: 271447

Ion Ratio Lower Upper

188 100

94 9.0 6.9 10.3

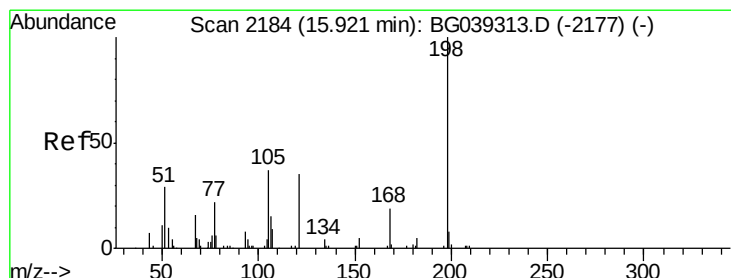
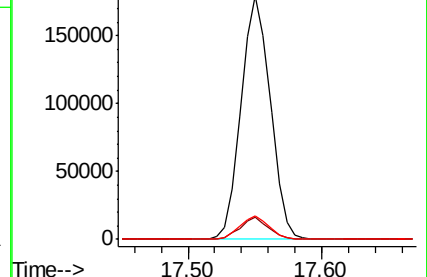
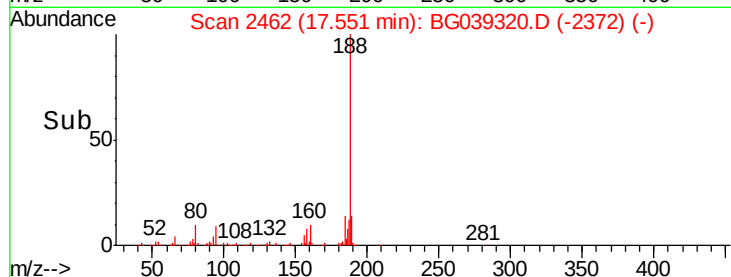
80 9.7 8.1 12.1



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: 4.449 ng

RT: 16.29 min Scan# 2247

Delta R.T. 0.37 min

Lab File: BG039320.D

Acq: 29 Jan 2019 17:03

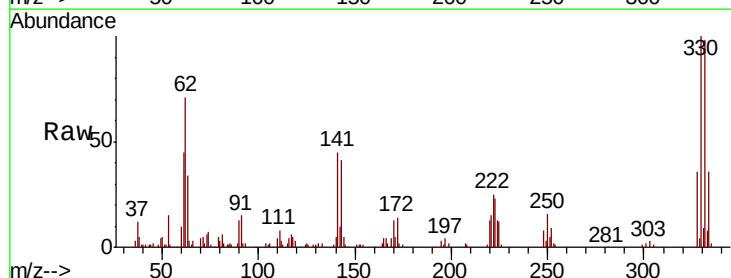
Tgt Ion:198 Resp: 234

Ion Ratio Lower Upper

198 100

51 197.2 27.4 67.4#

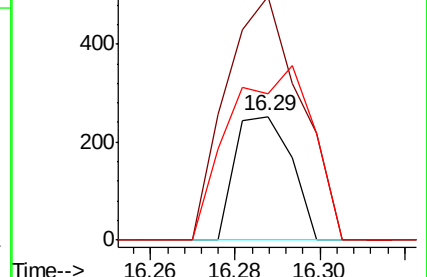
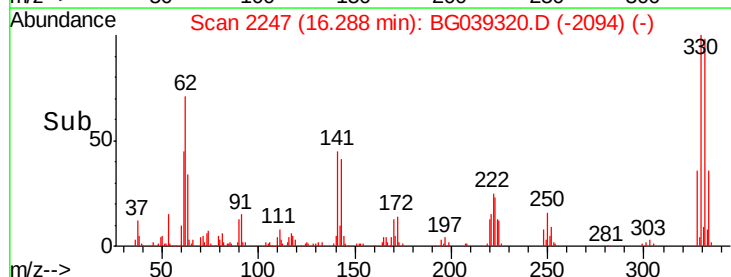
105 118.3 19.7 59.7#

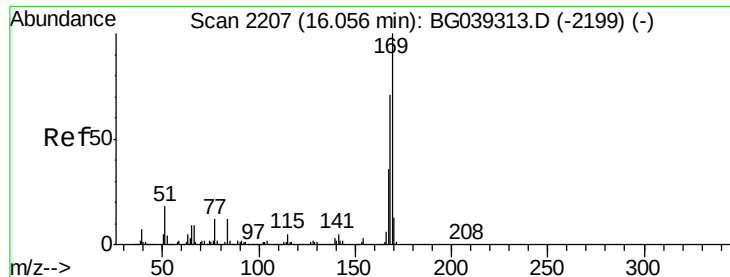


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

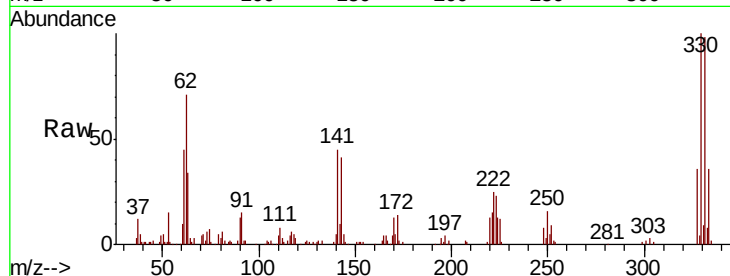




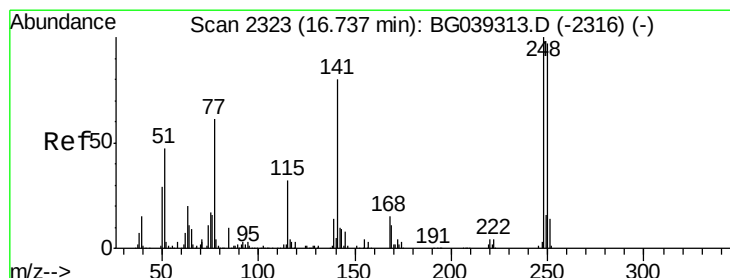
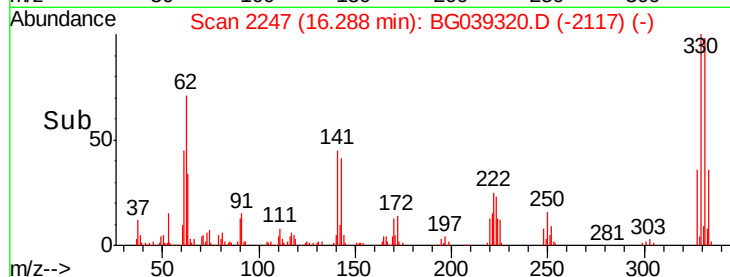
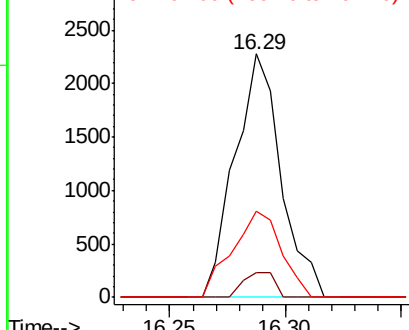
#66
 n-Nitrosodiphenylamine
 Concen: 0.383 ng
 RT: 16.29 min Scan# 2247
 Delta R.T. 0.23 min
 Lab File: BG039320.D
 Acq: 29 Jan 2019 17:03

Instrument :
 BNA_G
 ClientSampleId :
 PB116679BL

Tgt Ion:169 Resp: 3161
 Ion Ratio Lower Upper
 169 100
 168 10.1 56.6 85.0#
 167 35.6 28.8 43.2

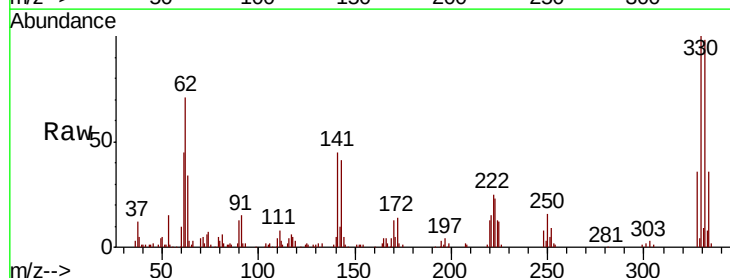


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

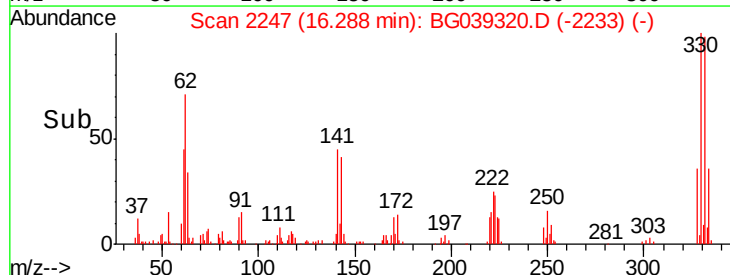
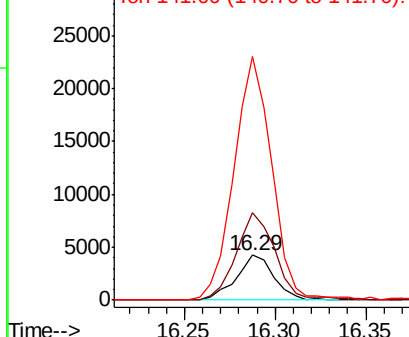


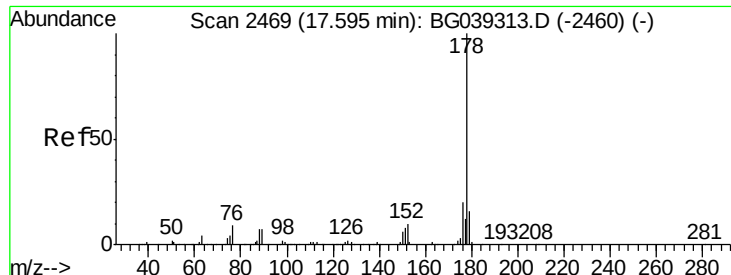
#67
 4-Bromophenyl-phenylether
 Concen: 2.024 ng
 RT: 16.29 min Scan# 2247
 Delta R.T. -0.45 min
 Lab File: BG039320.D
 Acq: 29 Jan 2019 17:03

Tgt Ion:248 Resp: 6094
 Ion Ratio Lower Upper
 248 100
 250 192.5 77.6 116.4#
 141 539.7 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

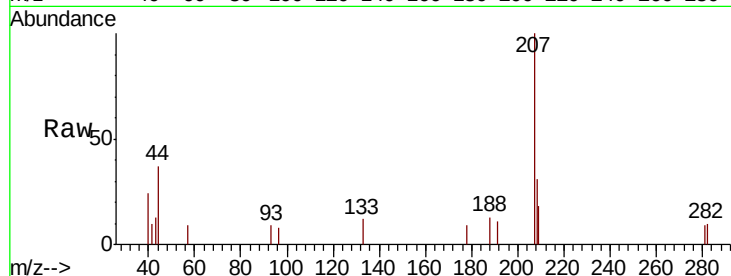




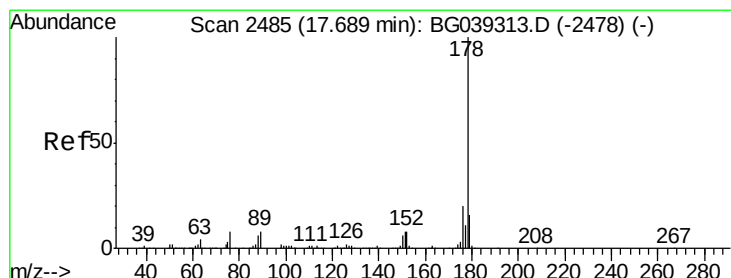
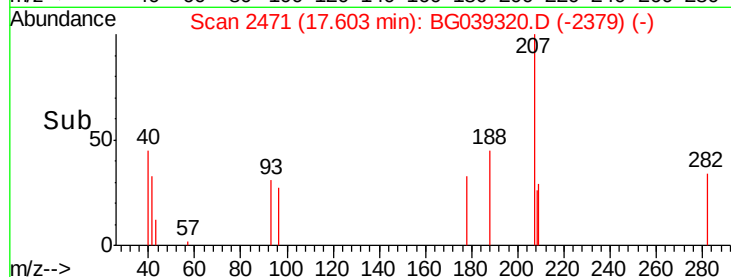
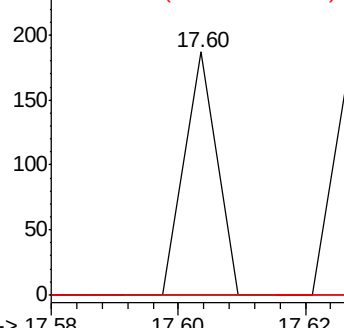
#71
Phenanthrene
Concen: 0.005 ng
RT: 17.60 min Scan# 2471
Delta R.T. 0.01 min
Lab File: BG039320.D
Acq: 29 Jan 2019 17:03

Instrument :
BNA_G
ClientSampleId :
PB116679BL

Tgt Ion:178 Resp: 66
Ion Ratio Lower Upper
178 100
176 0.0 16.2 24.4#
179 0.0 12.6 19.0#

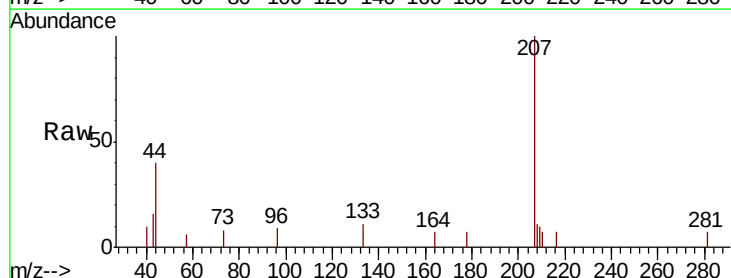


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

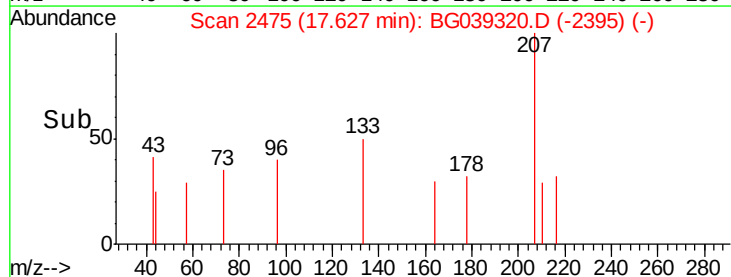
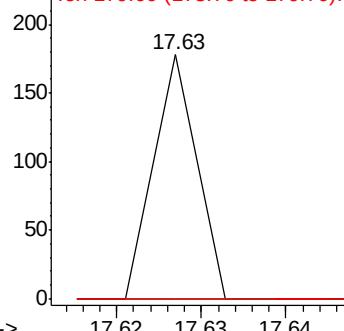


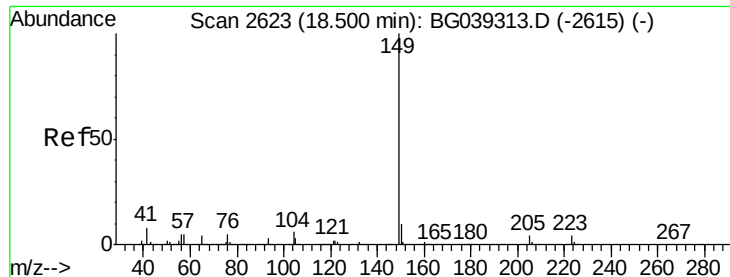
#72
Anthracene
Concen: 0.005 ng
RT: 17.63 min Scan# 2475
Delta R.T. -0.06 min
Lab File: BG039320.D
Acq: 29 Jan 2019 17:03

Tgt Ion:178 Resp: 63
Ion Ratio Lower Upper
178 100
176 0.0 15.8 23.6#
179 0.0 12.5 18.7#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#74

Di-n-butylphthalate

Concen: 0.007 ng

RT: 18.26 min Scan# 2582

Delta R.T. -0.24 min

Lab File: BG039320.D

Acq: 29 Jan 2019 17:03

Instrument :

BNA_G

ClientSampleID :

PB116679BL

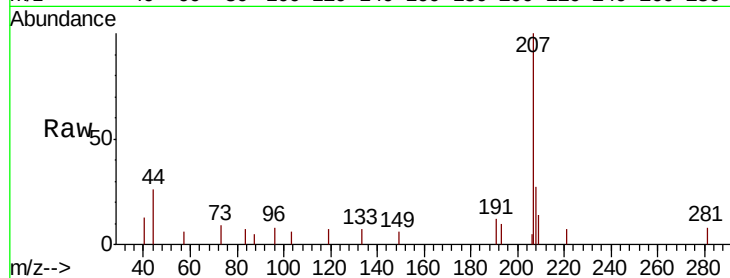
Tgt Ion:149 Resp: 119

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

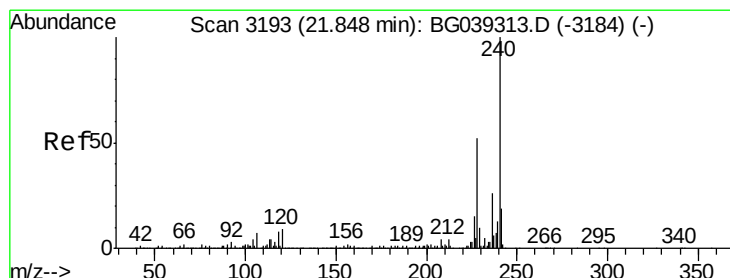
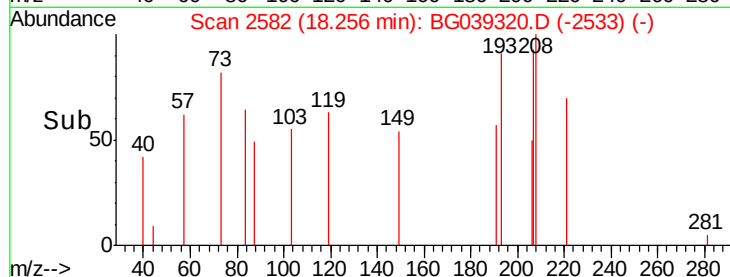
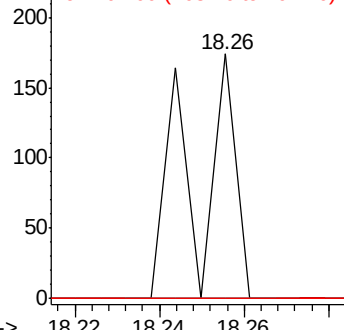
104 0.0 4.5 6.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.84 min Scan# 3193

Delta R.T. -0.00 min

Lab File: BG039320.D

Acq: 29 Jan 2019 17:03

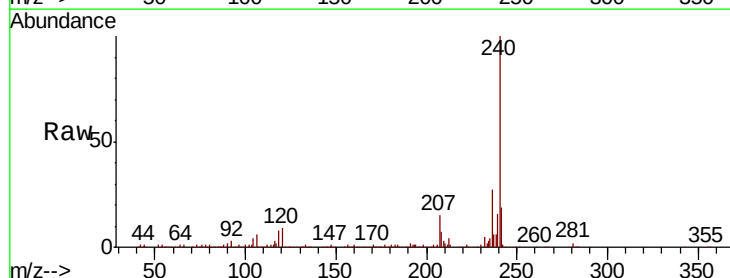
Tgt Ion:240 Resp: 307963

Ion Ratio Lower Upper

240 100

120 9.5 7.0 10.6

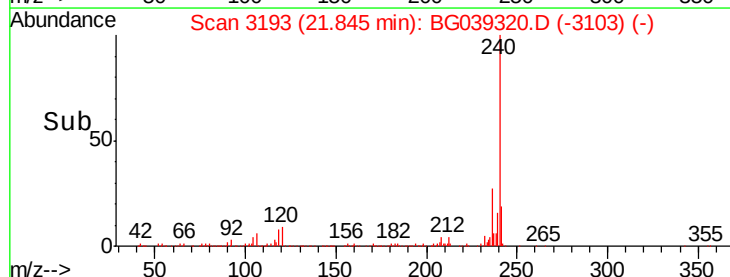
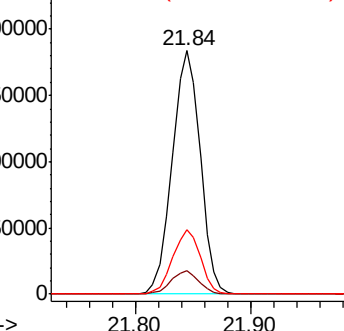
236 26.7 21.0 31.4

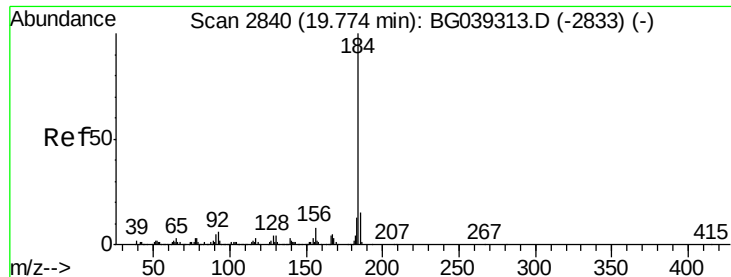


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.480 ng

RT: 20.15 min Scan# 2904

Delta R.T. 0.37 min

Lab File: BG039320.D

Acq: 29 Jan 2019 17:03

Instrument :

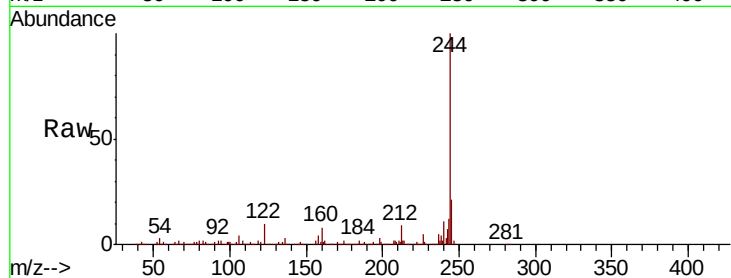
BNA_G

ClientSampleId :

PB116679BL

Tgt Ion:184 Resp: 14947

Ion	Ratio	Lower	Upper
184	100		
185	16.6	12.2	18.2
183	11.2	10.6	15.8

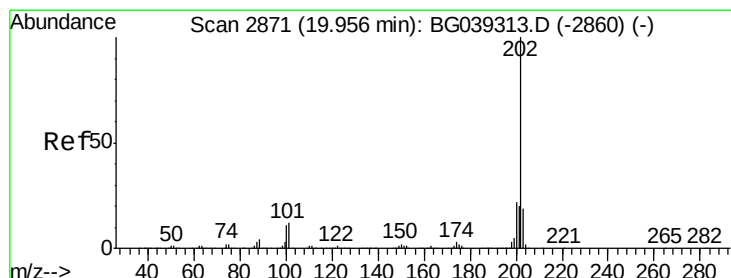
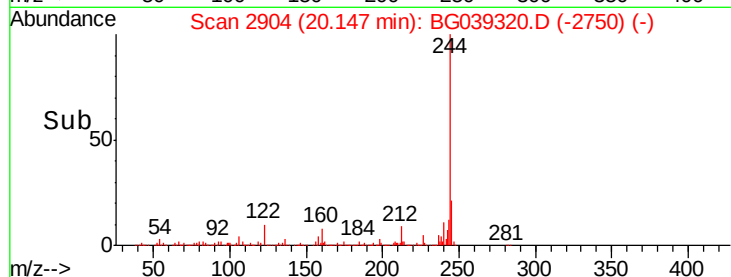
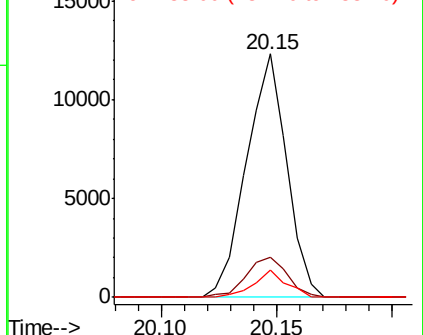


Abundance

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



#78

Pyrene

Concen: 0.161 ng

RT: 20.15 min Scan# 2904

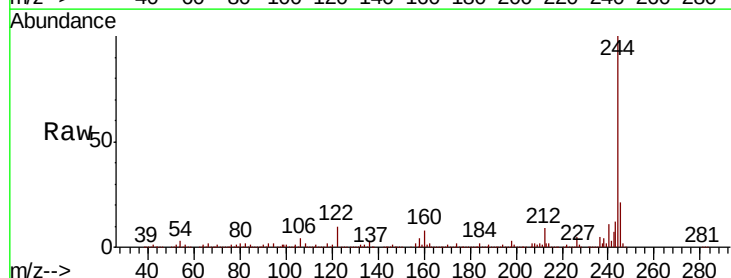
Delta R.T. 0.19 min

Lab File: BG039320.D

Acq: 29 Jan 2019 17:03

Tgt Ion:202 Resp: 3079

Ion	Ratio	Lower	Upper
202	100		
200	54.7	17.8	26.8#
203	14.2	15.3	22.9#

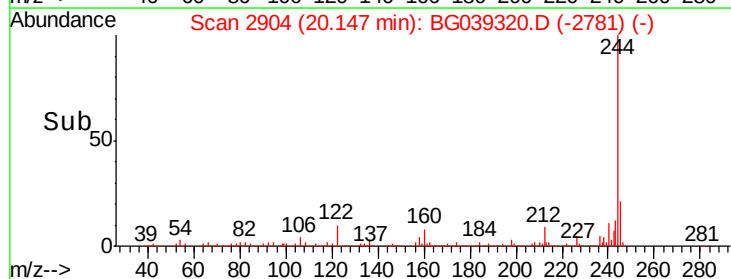
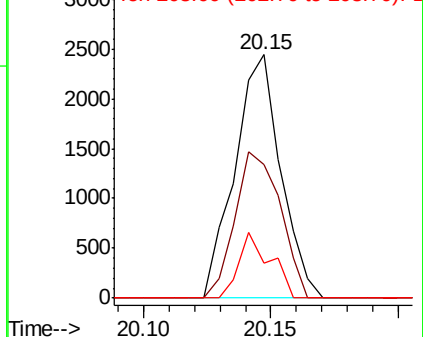


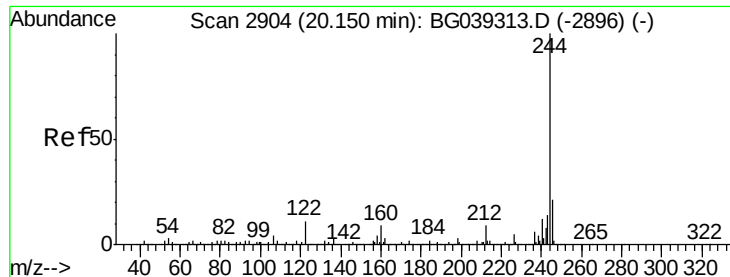
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 56.764 ng

RT: 20.15 min Scan# 2904

Delta R.T. -0.00 min

Lab File: BG039320.D

Acq: 29 Jan 2019 17:03

Instrument :

BNA_G

ClientSampleId :

PB116679BL

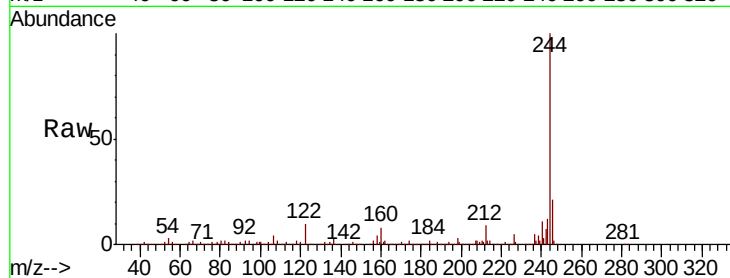
Tgt Ion:244 Resp: 825875

Ion Ratio Lower Upper

244 100

212 8.7 7.3 10.9

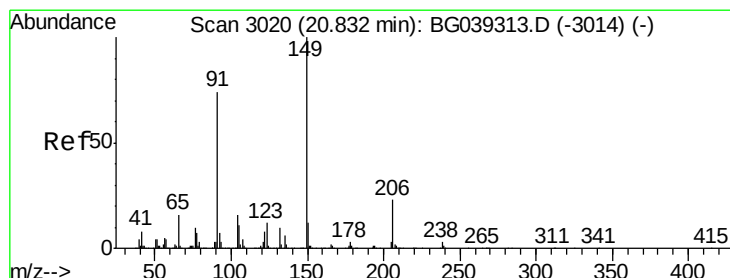
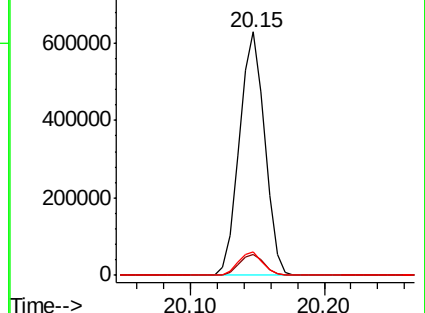
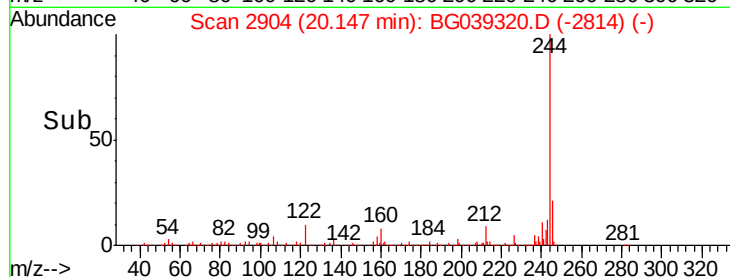
122 9.9 8.4 12.6



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



#80

Butylbenzylphthalate

Concen: 0.045 ng

RT: 20.81 min Scan# 3016

Delta R.T. -0.03 min

Lab File: BG039320.D

Acq: 29 Jan 2019 17:03

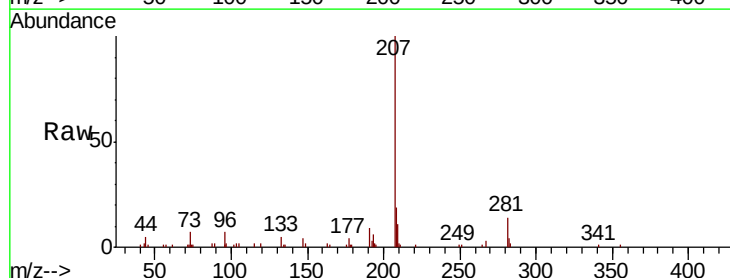
Tgt Ion:149 Resp: 367

Ion Ratio Lower Upper

149 100

91 0.0 59.5 89.3#

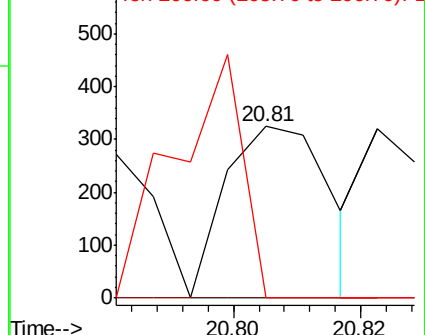
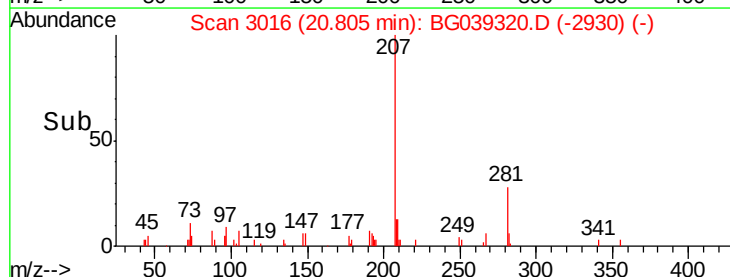
206 0.0 18.6 27.8#

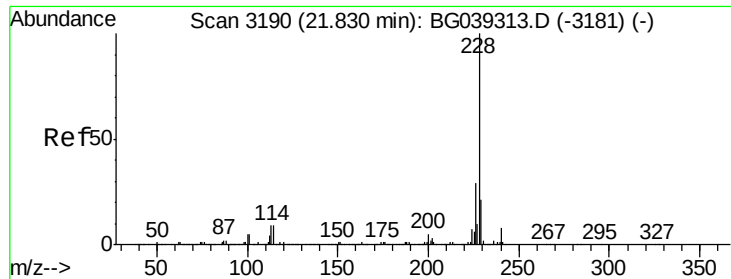


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.038 ng

RT: 21.84 min Scan# 3193

Delta R.T. 0.01 min

Lab File: BG039320.D

Acq: 29 Jan 2019 17:03

Instrument :

BNA_G

ClientSampleId :

PB116679BL

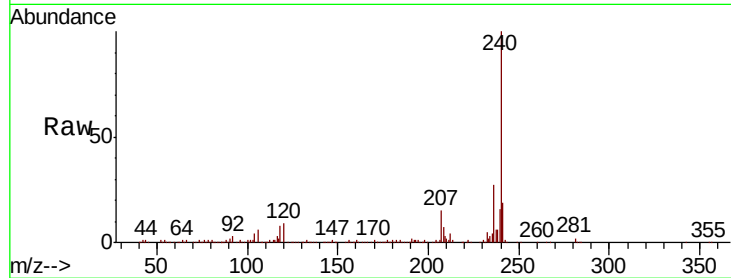
Tgt Ion:228 Resp: 693

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.6#

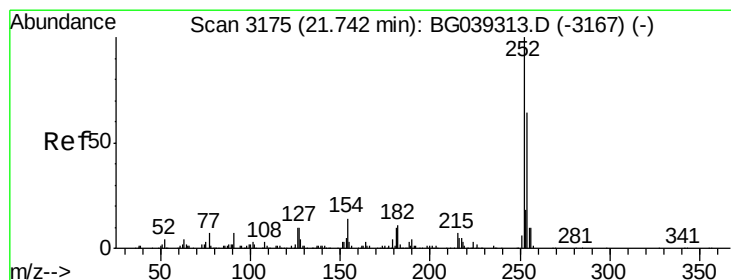
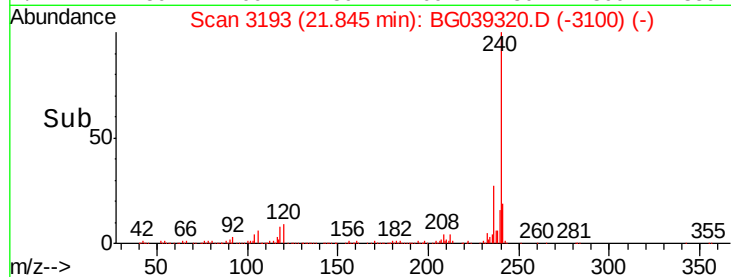
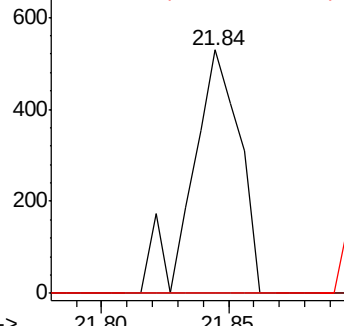
229 0.0 16.9 25.3#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 0.010 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.06 min

Lab File: BG039320.D

Acq: 29 Jan 2019 17:03

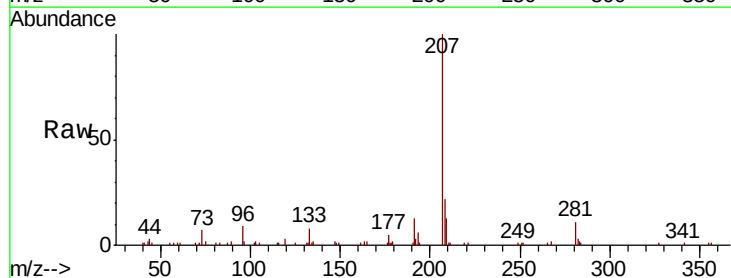
Tgt Ion:252 Resp: 68

Ion Ratio Lower Upper

252 100

254 0.0 51.3 76.9#

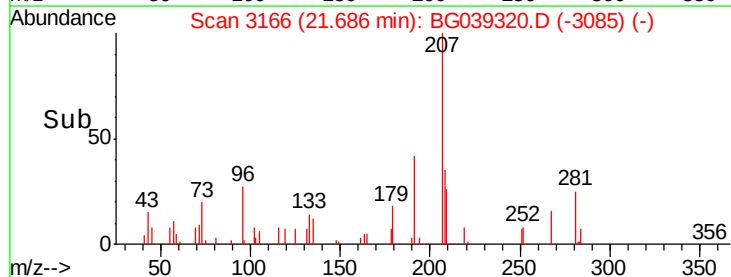
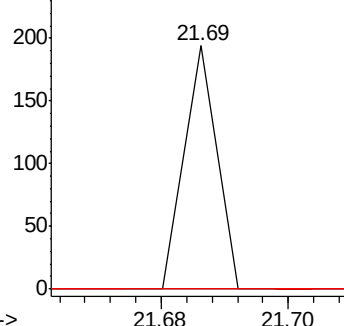
126 0.0 8.0 12.0#

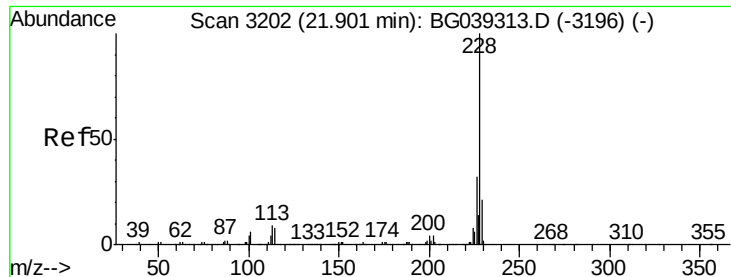


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 0.040 ng

RT: 21.84 min Scan# 3193

Delta R.T. -0.06 min

Lab File: BG039320.D

Acq: 29 Jan 2019 17:03

Instrument :

BNA_G

ClientSampleId :

PB116679BL

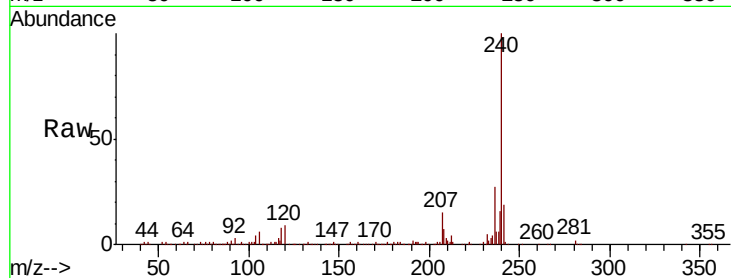
Tgt Ion:228 Resp: 693

Ion Ratio Lower Upper

228 100

226 0.0 25.8 38.6#

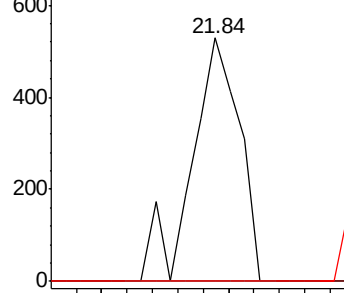
229 0.0 16.6 25.0#



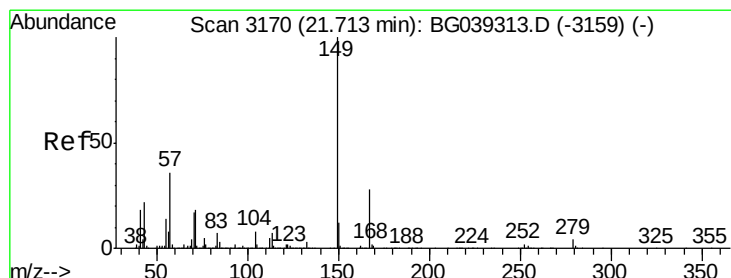
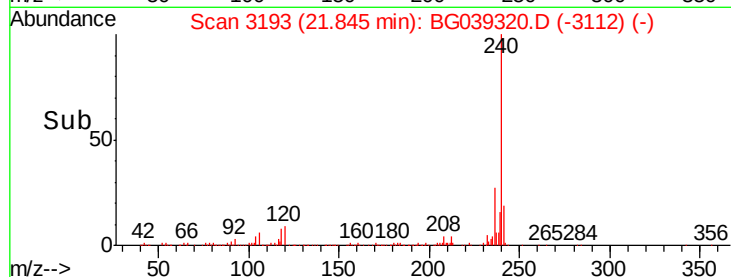
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.044 ng

RT: 21.73 min Scan# 3174

Delta R.T. 0.02 min

Lab File: BG039320.D

Acq: 29 Jan 2019 17:03

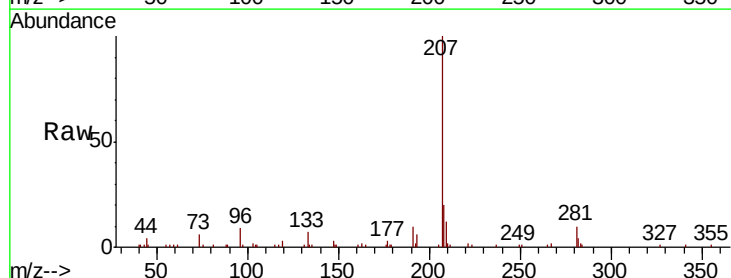
Tgt Ion:149 Resp: 510

Ion Ratio Lower Upper

149 100

167 0.0 22.6 34.0#

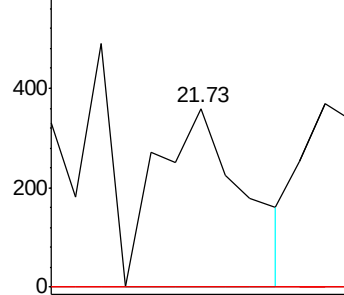
279 0.0 3.5 5.3#



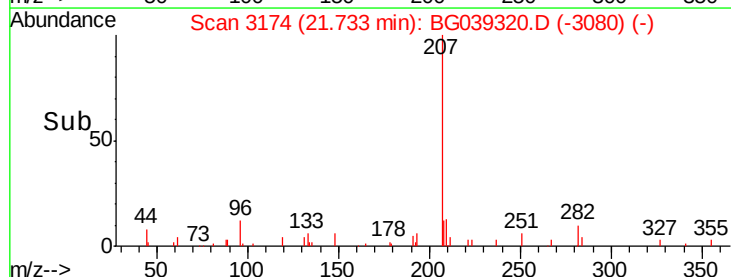
Abundance Ion 149.00 (148.70 to 149.70): E

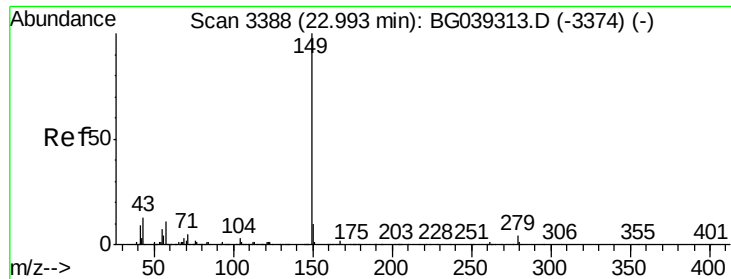
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#85

Di-n-octyl phthalate

Concen: 0.012 ng

RT: 22.99 min Scan# 3388

Delta R.T. -0.00 min

Lab File: BG039320.D

Acq: 29 Jan 2019 17:03

Instrument :

BNA_G

ClientSampleId :

PB116679BL

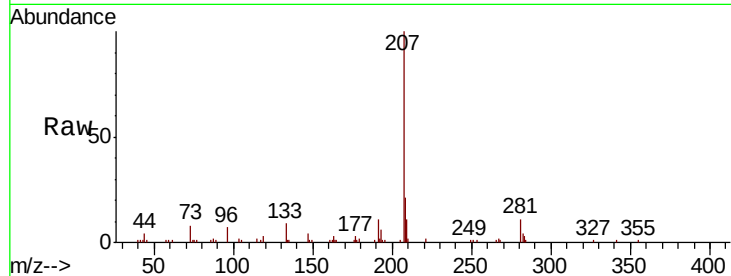
Tgt Ion:149 Resp: 227

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

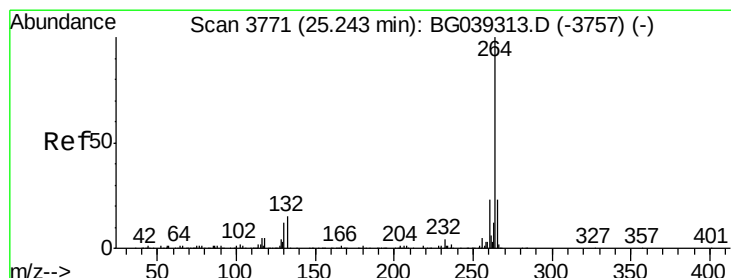
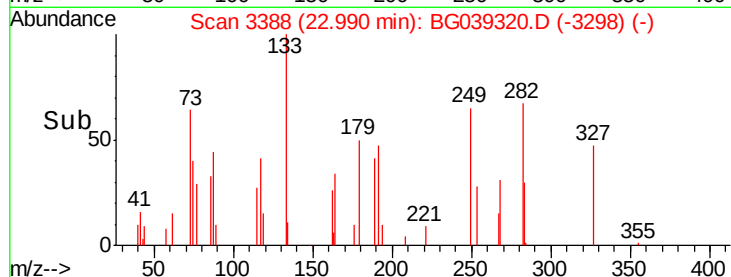
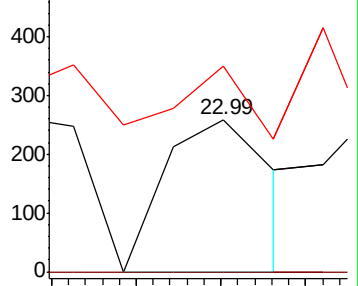
43 0.0 10.2 15.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.24 min Scan# 3771

Delta R.T. -0.00 min

Lab File: BG039320.D

Acq: 29 Jan 2019 17:03

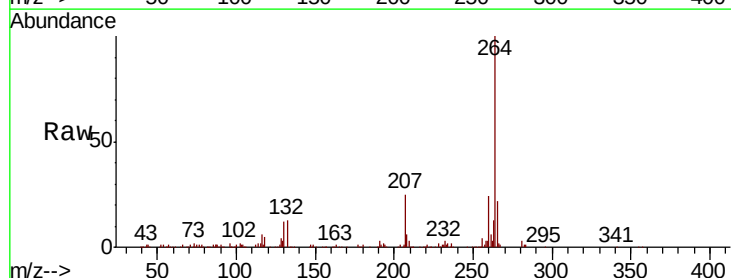
Tgt Ion:264 Resp: 296058

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

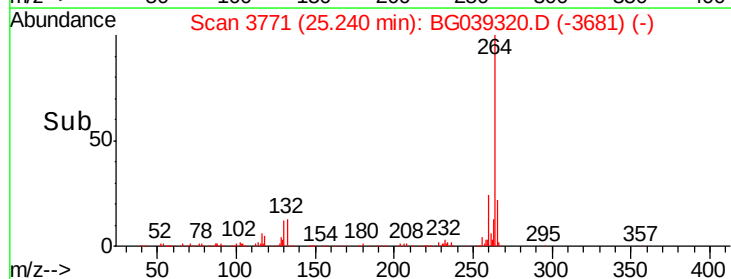
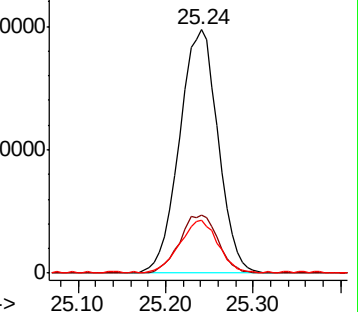
265 22.0 18.5 27.7

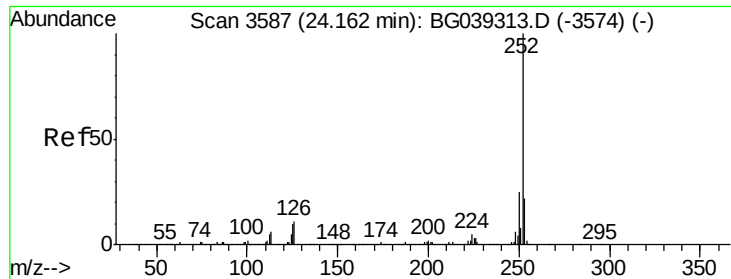


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 0.004 ng

RT: 24.22 min Scan# 3598

Delta R.T. 0.06 min

Lab File: BG039320.D

Acq: 29 Jan 2019 17:03

Instrument :

BNA_G

ClientSampleId :

PB116679BL

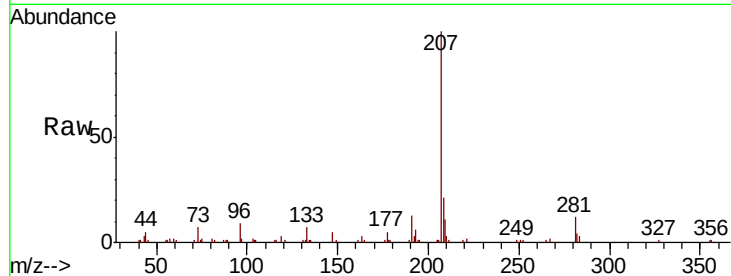
Tgt Ion:252 Resp: 59

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.8#

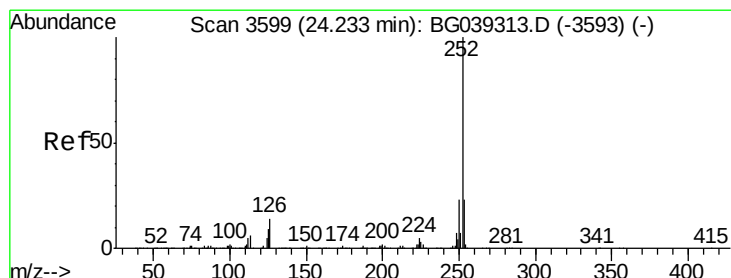
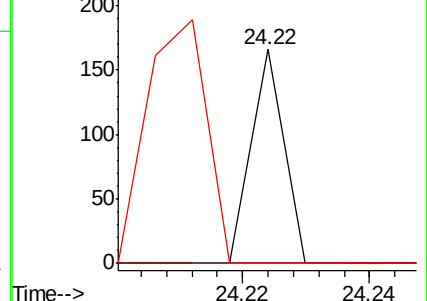
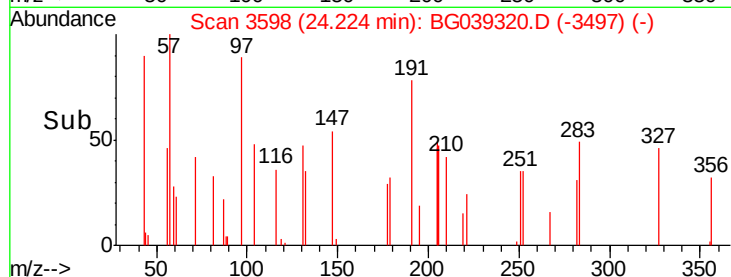
125 0.0 7.8 11.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 0.004 ng

RT: 24.22 min Scan# 3598

Delta R.T. -0.01 min

Lab File: BG039320.D

Acq: 29 Jan 2019 17:03

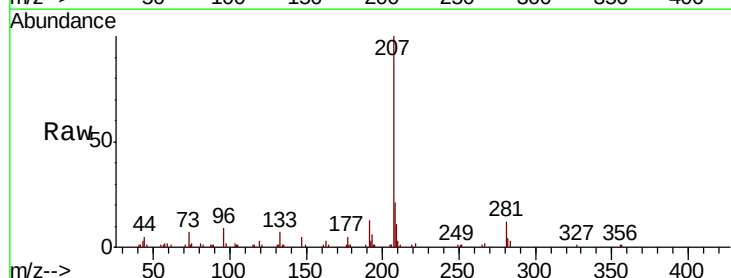
Tgt Ion:252 Resp: 59

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.2#

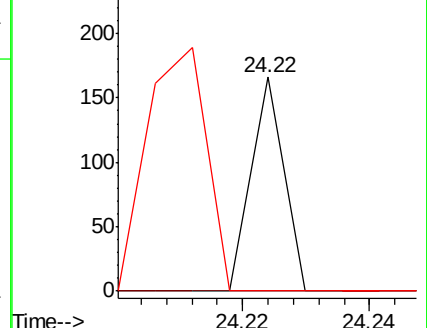
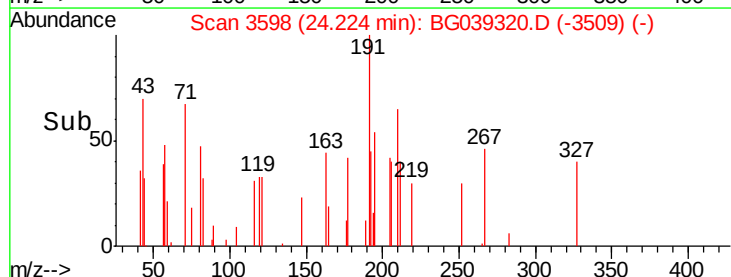
125 0.0 7.4 11.2#

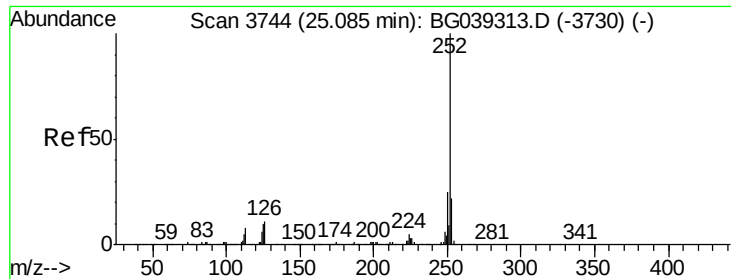


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.004 ng

RT: 25.03 min Scan# 3736

Delta R.T. -0.05 min

Lab File: BG039320.D

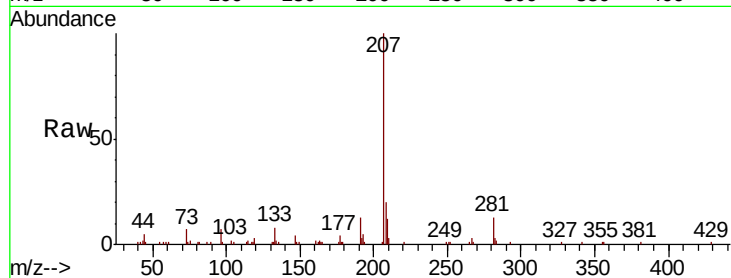
Acq: 29 Jan 2019 17:03

Instrument :

BNA_G

ClientSampleId :

PB116679BL



Tgt Ion:	252	Resp:	63
Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.9	26.9#
125	0.0	8.3	12.5#

