

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012319\
 Data File : BG039268.D
 Acq On : 23 Jan 2019 18:09
 Operator : JU/SJ
 Sample : K1210-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-1495

Quant Time: Jan 24 00:15:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	16464	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	62204	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	43258	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	109686	20.00	ng	0.00
76) Chrysene-d12	21.67	240	117127	20.00	ng	-0.01
87) Perylene-d12	24.93	264	128686	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	102945	118.61	ng	0.00
7) Phenol-d6	7.17	99	131879	105.59	ng	0.00
23) Nitrobenzene-d5	9.18	82	106172	93.40	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	83526	115.19	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	290738	91.98	ng	0.00
79) Terphenyl-d14	20.00	244	523451	82.67	ng	0.00

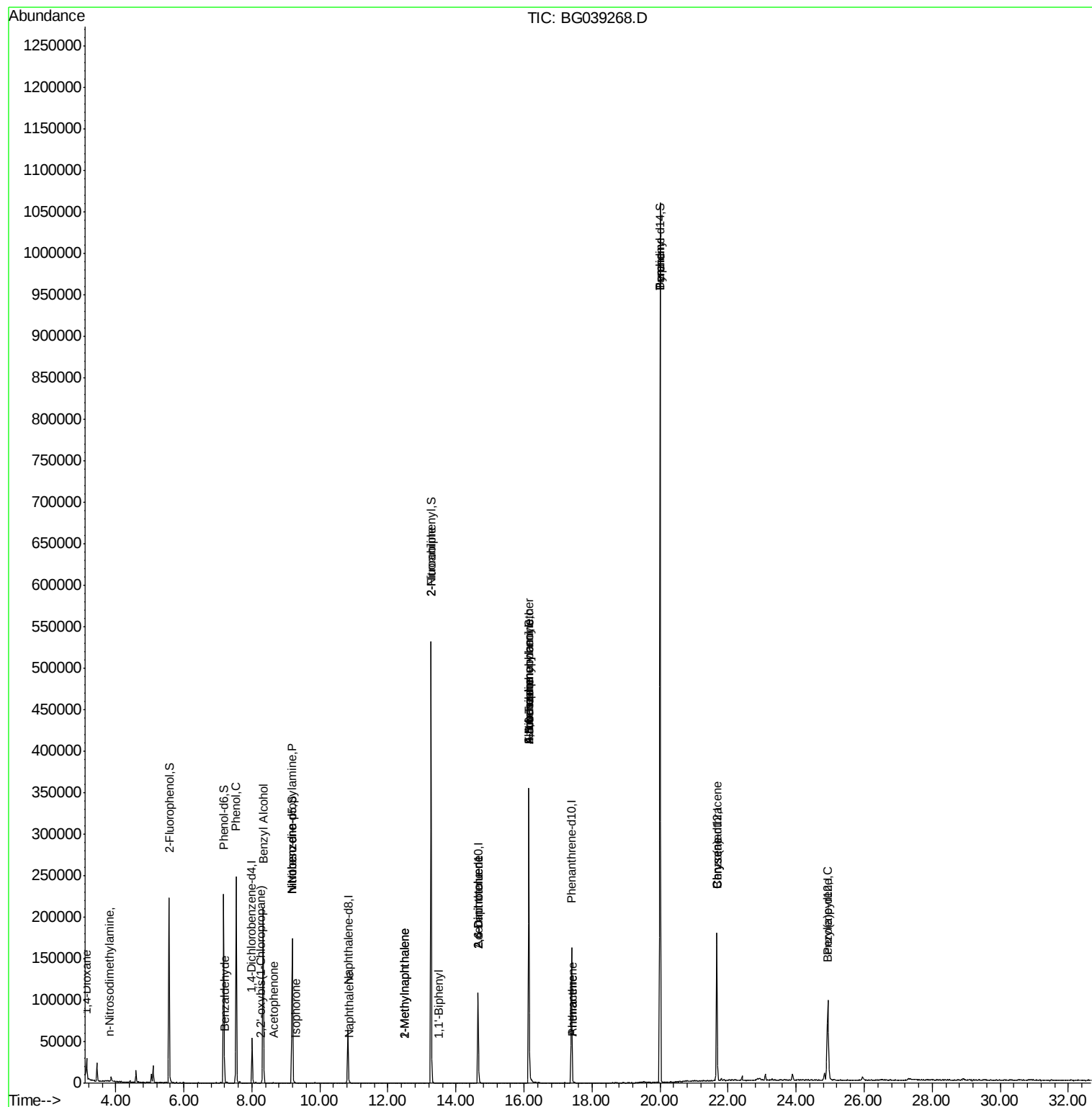
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.14	88	74	0.218	ng	# 1
4) n-Nitrosodimethylamine	3.81	42	76	0.183	ng	# 1
9) Benzaldehyde	7.21	77	58	0.081	ng	# 2
10) Phenol	7.53	94	129	0.103	ng	# 1
15) Benzyl Alcohol	8.33	79	1597	1.698	ng	# 38
16) 2,2'-oxybis(1-Chloropropan	8.25	45	65	0.035	ng	74
19) n-Nitroso-di-n-propylamine	9.18	70	13996	17.064	ng	# 64
22) Acetophenone	8.63	105	53	0.033	ng	# 47
24) Nitrobenzene	9.19	77	255	0.222	ng	# 38
25) Isophorone	9.30	82	149	0.076	ng	# 62
31) Naphthalene	10.88	128	752	0.241	ng	# 68
37) 2-Methylnaphthalene	12.50	142	123	0.053	ng	# 14
38) 1-Methylnaphthalene	12.50	142	123	0.055	ng	# 7
46) 1,1'-Biphenyl	13.48	154	362	0.106	ng	# 41
48) 2-Nitroaniline	13.26	65	325	0.418	ng	# 1
51) 2,6-Dinitrotoluene	14.65	165	5856	7.165	ng	# 24
57) 2,4-Dinitrotoluene	14.65	165	5856	4.994	ng	# 26
58) Fluorene	16.14	166	2375	0.713	ng	# 78
63) Azobenzene	16.14	77	214	0.073	ng	# 28
66) n-Nitrosodiphenylamine	16.14	169	2683	0.825	ng	# 43
67) 4-Bromophenyl-phenylether	16.14	248	5360	3.802	ng	# 1
71) Phenanthrene	17.43	178	339	0.058	ng	# 59
72) Anthracene	17.43	178	339	0.059	ng	# 60
77) Benzdine	20.00	184	8163	2.279	ng	97
78) Pyrene	20.00	202	1763	0.236	ng	# 58
81) Benzo(a)anthracene	21.67	228	283	0.040	ng	# 51
83) Chrysene	21.67	228	283	0.042	ng	# 49
90) Benzo(a)pyrene	24.92	252	186	0.027	ng	# 59

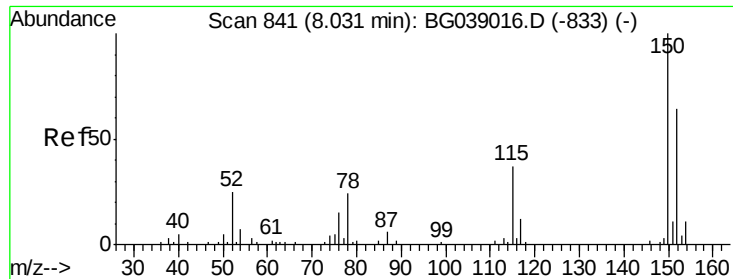
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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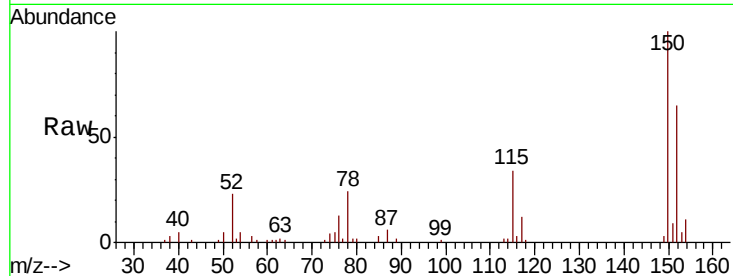


#1

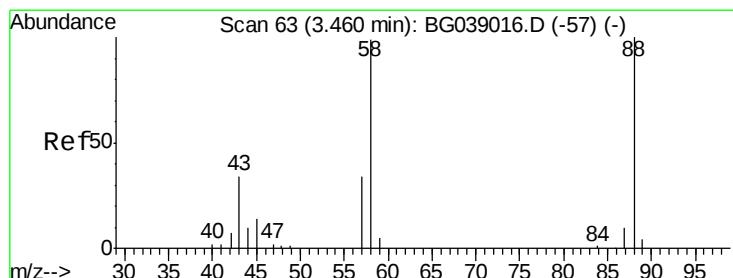
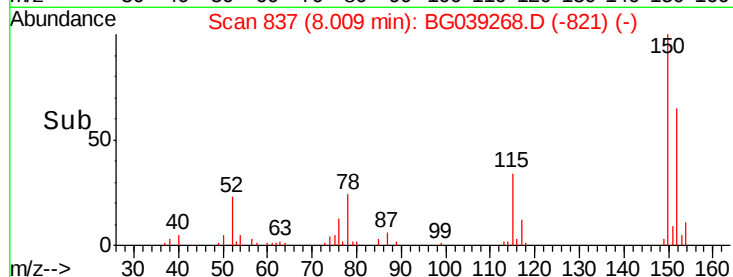
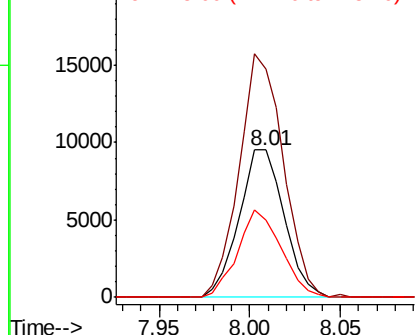
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG039268.D
Acq: 23 Jan 2019 18:09

Instrument :
BNA_G
ClientSampleId :
RT-1495

Tgt Ion:152 Resp: 16464
Ion Ratio Lower Upper
152 100
150 154.6 124.7 187.1
115 52.8 46.5 69.7



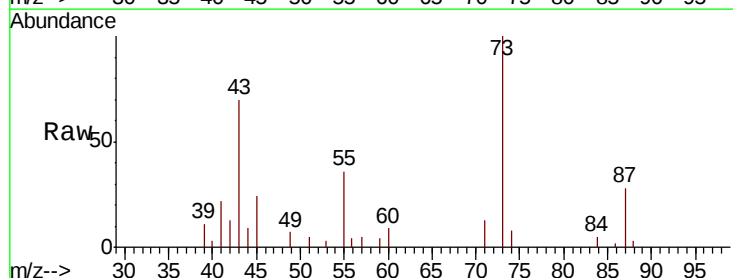
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



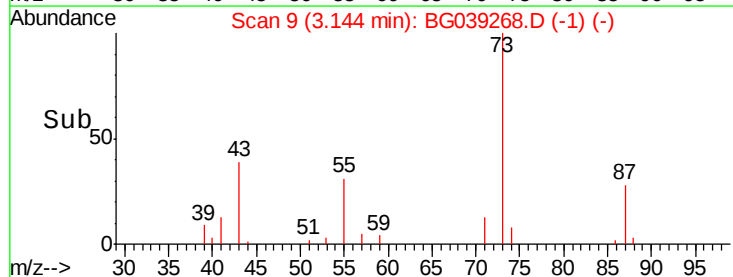
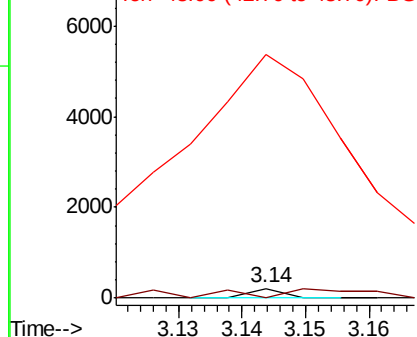
#2

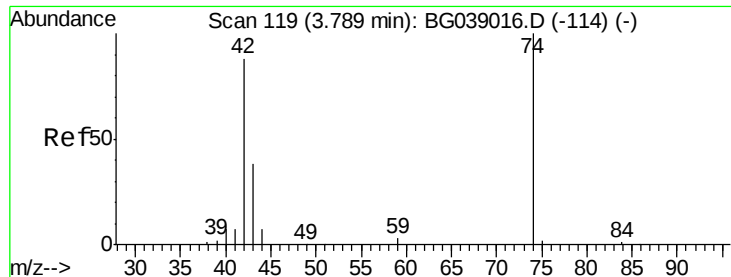
1,4-Dioxane
Concen: 0.218 ng
RT: 3.14 min Scan# 9
Delta R.T. -0.30 min
Lab File: BG039268.D
Acq: 23 Jan 2019 18:09

Tgt Ion: 88 Resp: 74
Ion Ratio Lower Upper
88 100
58 321.6 72.4 108.6#
43 9801.4 27.6 41.4#



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





#4

n-Nitrosodimethylamine

Concen: 0.183 ng

RT: 3.81 min Scan# 122

Delta R.T. 0.03 min

Lab File: BG039268.D

Acq: 23 Jan 2019 18:09

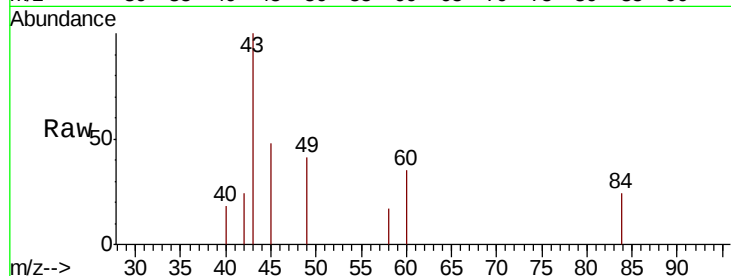
Instrument :

BNA_G

ClientSampleId :

RT-1495

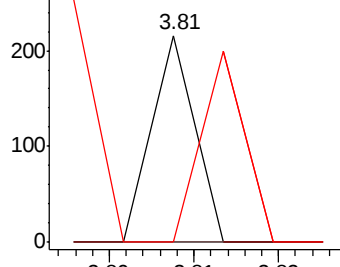
Tgt Ion:	42	Resp:	76
Ion	Ratio	Lower	Upper
42	100		
74	0.0	90.7	136.1#
44	0.0	6.5	9.7#



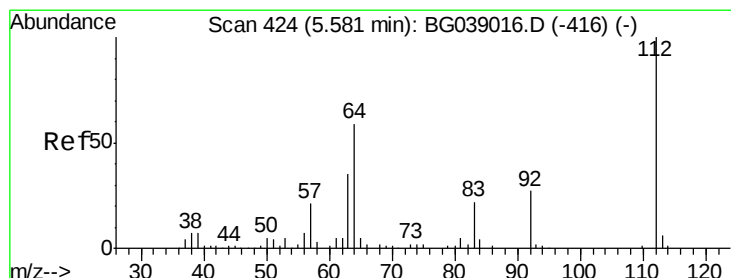
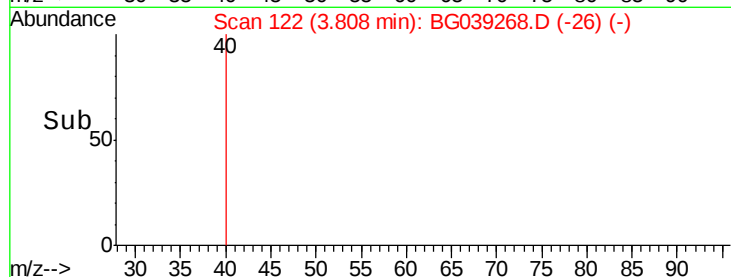
Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC



Time-->



#5

2-Fluorophenol

Concen: 118.613 ng

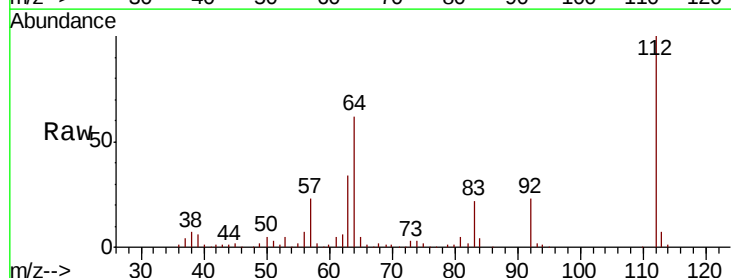
RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG039268.D

Acq: 23 Jan 2019 18:09

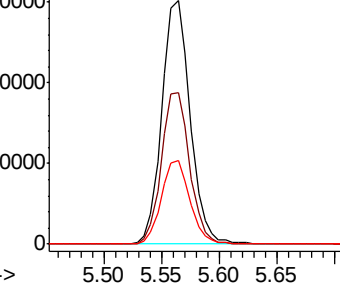
Tgt Ion:	112	Resp:	102945
Ion	Ratio	Lower	Upper
112	100		
64	62.0	47.0	70.6
63	34.2	28.0	42.0



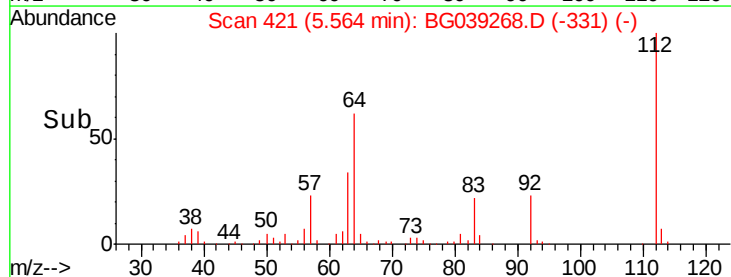
Abundance Ion 112.00 (111.70 to 112.70): BGC

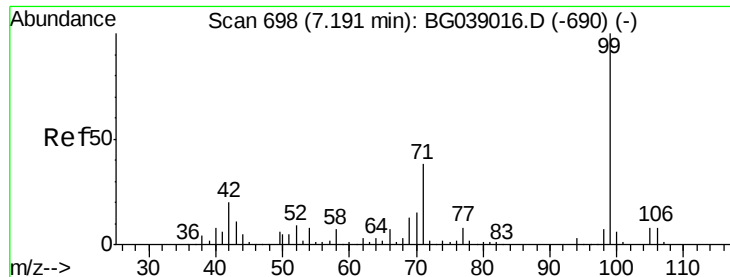
Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



Time-->





#7

Phenol-d6

Concen: 105.585 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039268.D

Acq: 23 Jan 2019 18:09

Instrument :

BNA_G

ClientSampleId :

RT-1495

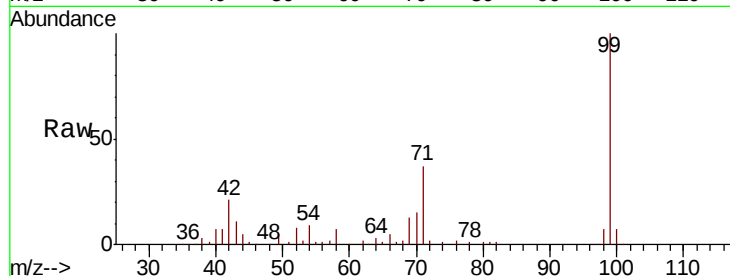
Tgt Ion: 99 Resp: 131879

Ion Ratio Lower Upper

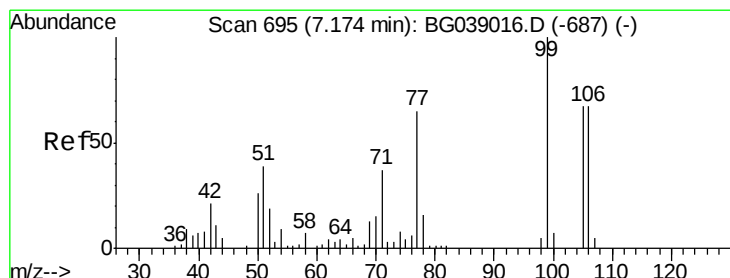
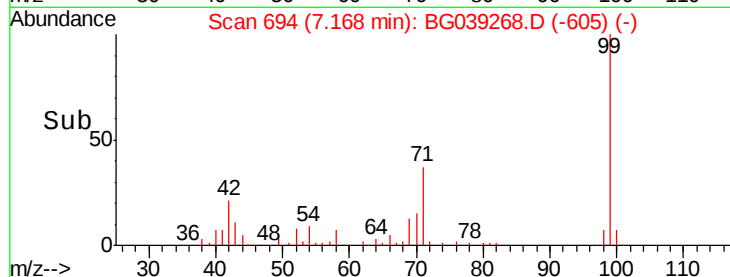
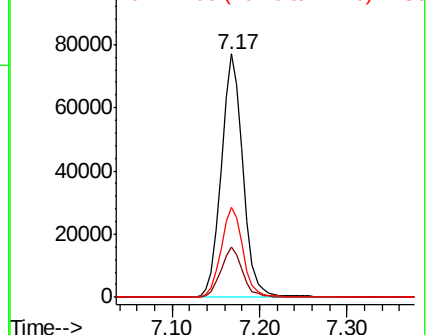
99 100

42 20.5 15.8 23.6

71 37.0 30.2 45.4



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: 0.081 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.05 min

Lab File: BG039268.D

Acq: 23 Jan 2019 18:09

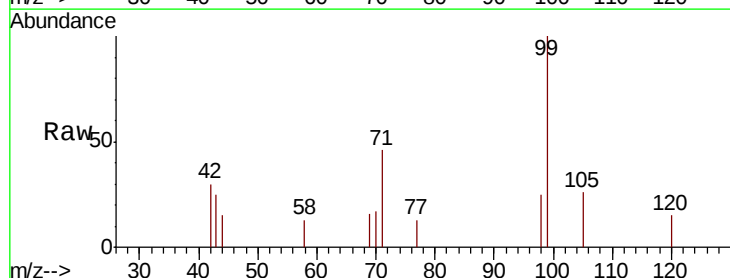
Tgt Ion: 77 Resp: 58

Ion Ratio Lower Upper

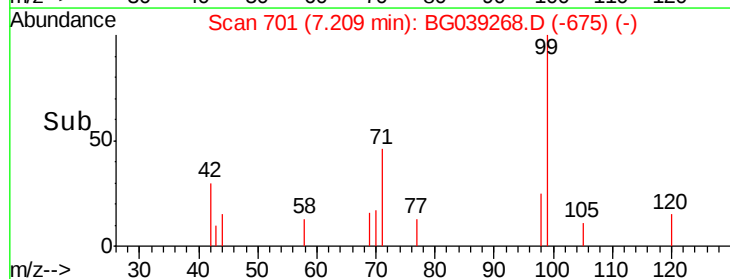
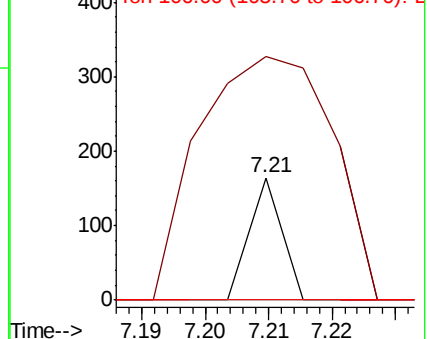
77 100

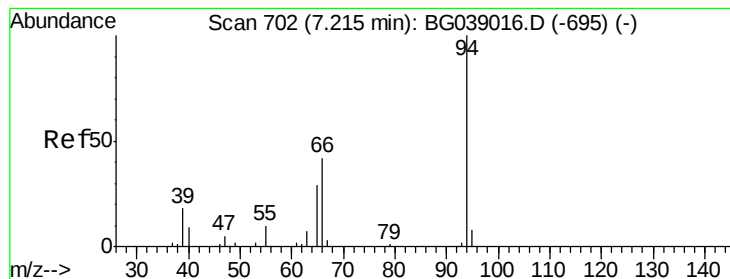
105 199.4 82.4 122.4#

106 0.0 82.8 122.8#



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: 0.103 ng

RT: 7.53 min Scan# 756

Delta R.T. 0.33 min

Lab File: BG039268.D

Acq: 23 Jan 2019 18:09

Instrument :

BNA_G

ClientSampleId :

RT-1495

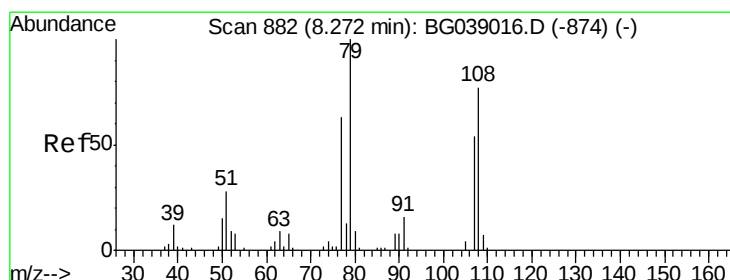
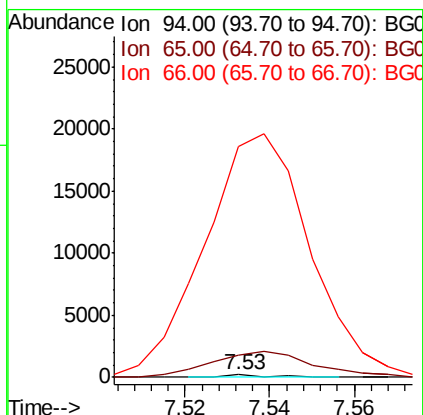
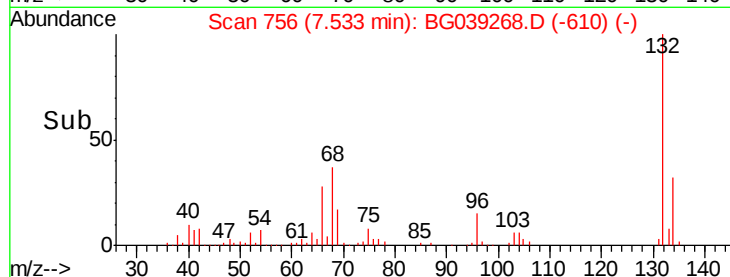
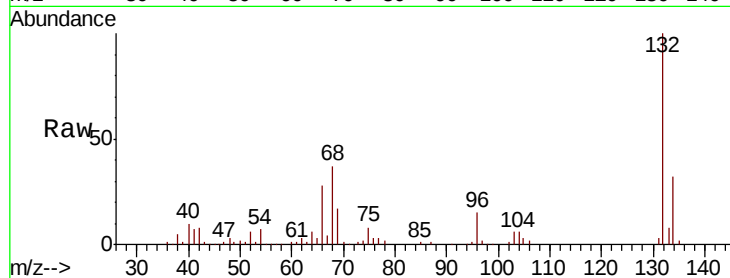
Tgt Ion: 94 Resp: 129

Ion Ratio Lower Upper

94 100

65 875.1 10.3 50.3#

66 9073.2 25.1 65.1#



#15

Benzyl Alcohol

Concen: 1.698 ng

RT: 8.33 min Scan# 892

Delta R.T. 0.07 min

Lab File: BG039268.D

Acq: 23 Jan 2019 18:09

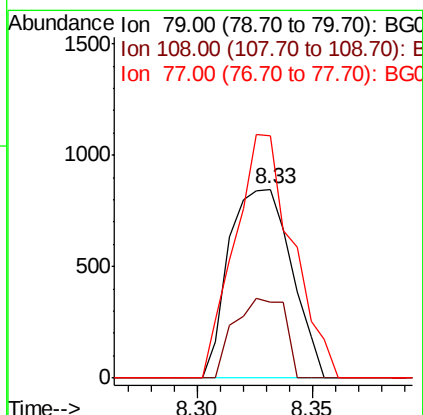
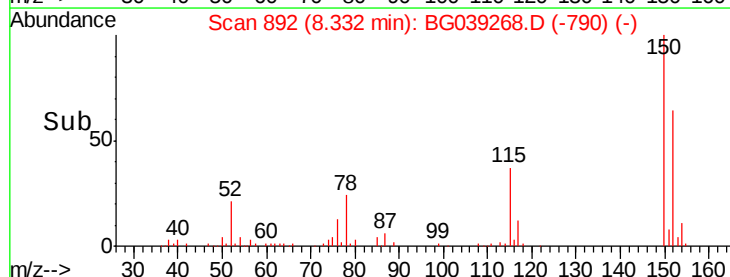
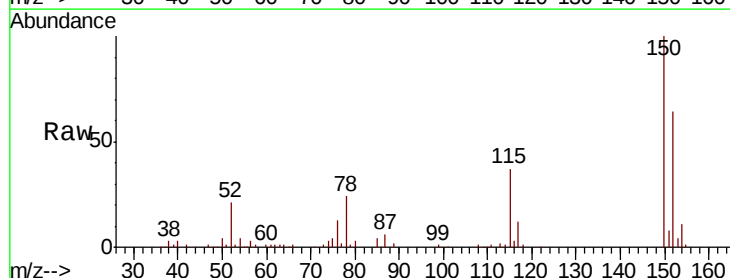
Tgt Ion: 79 Resp: 1597

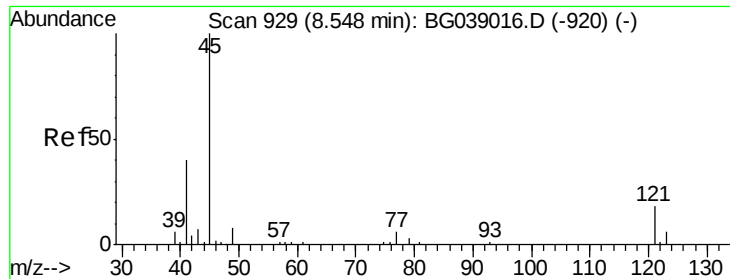
Ion Ratio Lower Upper

79 100

108 40.0 62.0 93.0#

77 128.3 50.1 75.1#

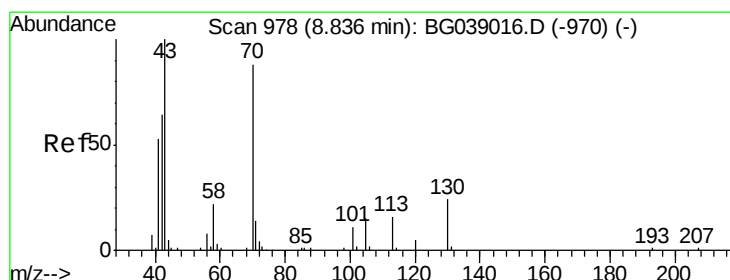
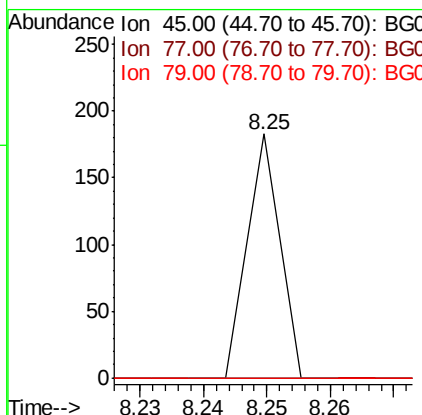
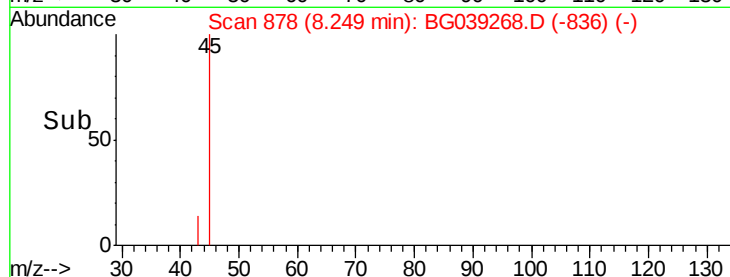
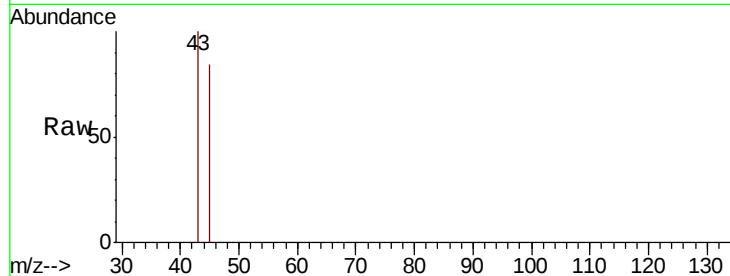




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.035 ng
 RT: 8.25 min Scan# 878
 Delta R.T. -0.28 min
 Lab File: BG039268.D
 Acq: 23 Jan 2019 18:09

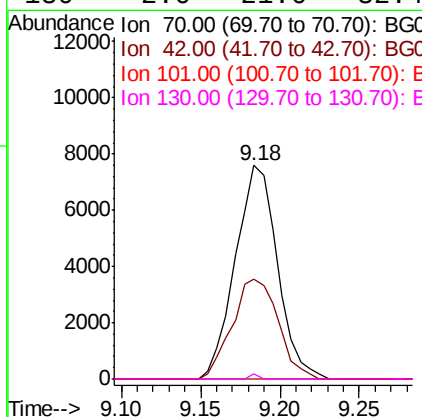
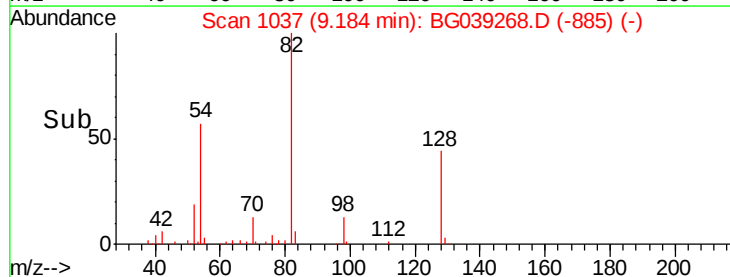
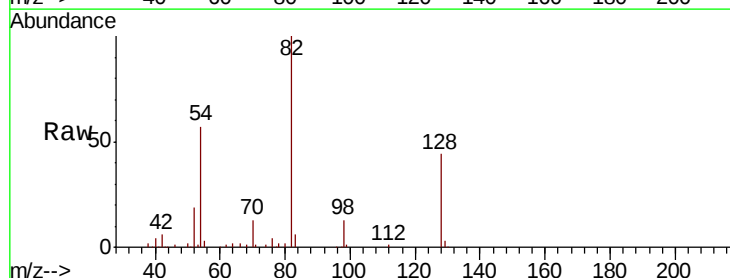
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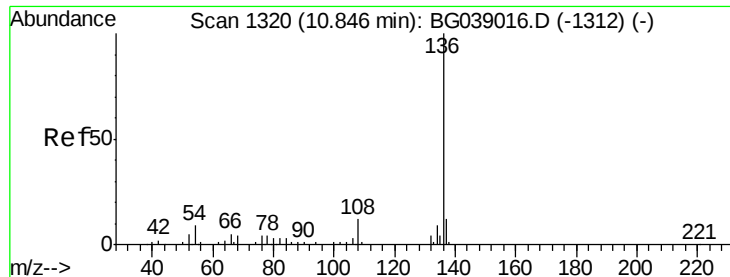
Tgt Ion: 45 Resp: 65
 Ion Ratio Lower Upper
 45 100
 77 0.0 0.0 30.7
 79 0.0 0.0 28.5



#19
 n-Nitroso-di-n-propylamine
 Concen: 17.064 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. 0.36 min
 Lab File: BG039268.D
 Acq: 23 Jan 2019 18:09

Tgt Ion: 70 Resp: 13996
 Ion Ratio Lower Upper
 70 100
 42 46.6 59.0 88.4#
 101 0.0 10.4 15.6#
 130 2.6 21.6 32.4#

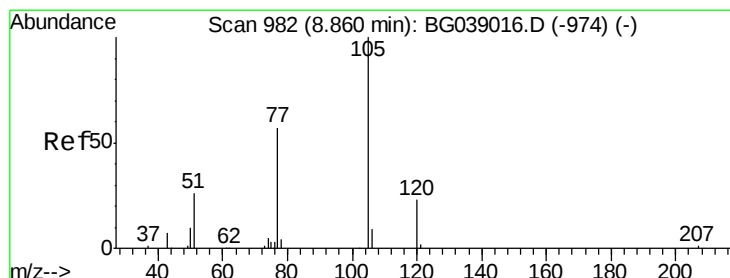
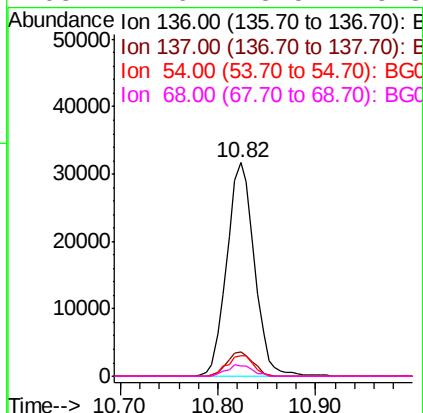
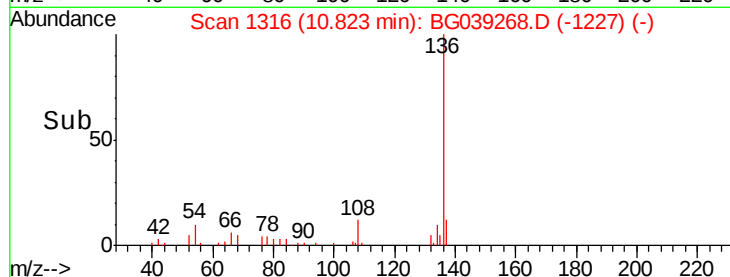
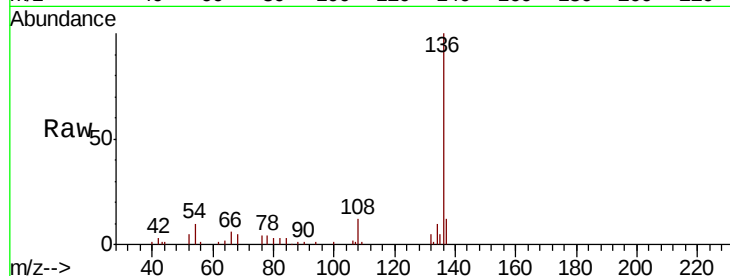




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG039268.D
Acq: 23 Jan 2019 18:09

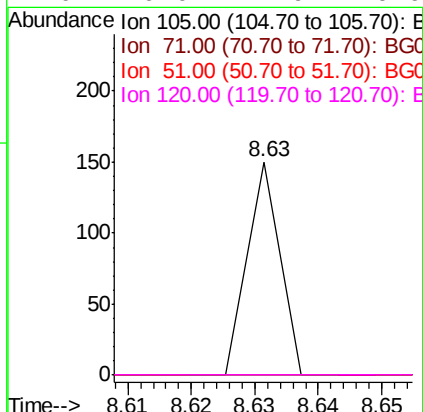
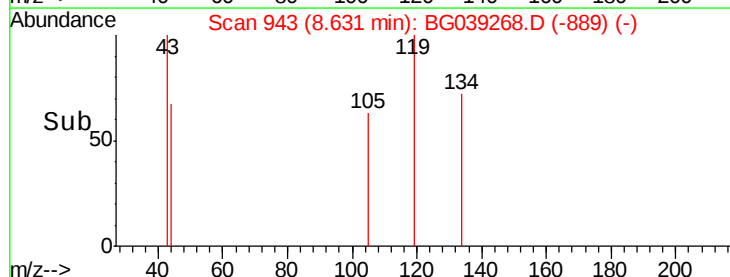
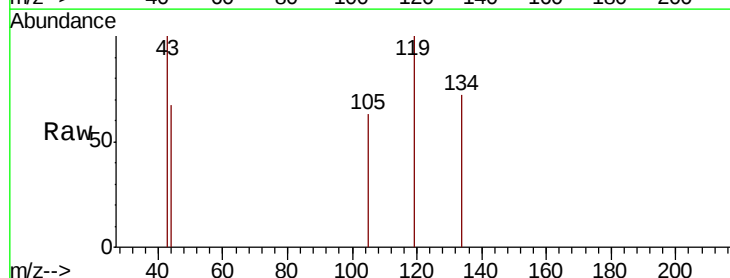
Instrument :
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ClientSampleId :
RT-1495

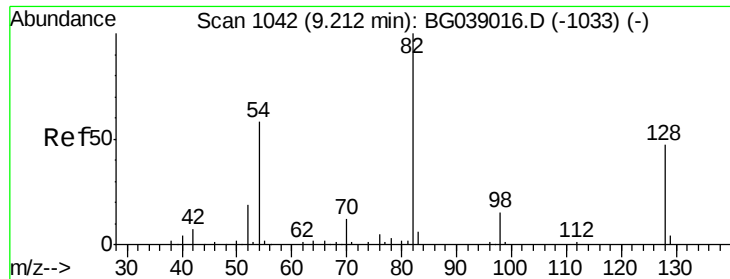
Tgt Ion:	136	Resp:	62204
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.4	14.2
54	9.8	7.2	10.8
68	4.6	3.5	5.3



#22
Acetophenone
Concen: 0.033 ng
RT: 8.63 min Scan# 943
Delta R.T. -0.21 min
Lab File: BG039268.D
Acq: 23 Jan 2019 18:09

Tgt Ion:	105	Resp:	53
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	0.0	26.6	39.8#
120	0.0	17.9	26.9#

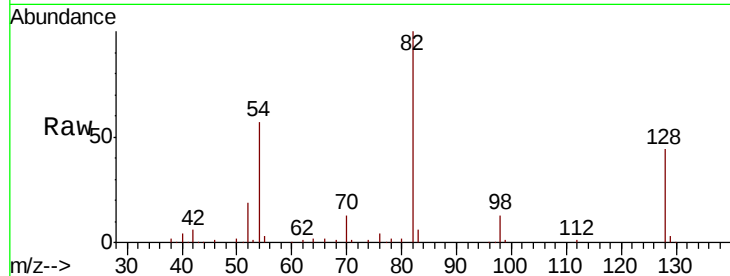




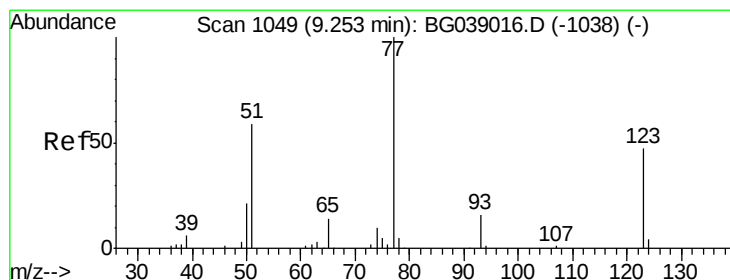
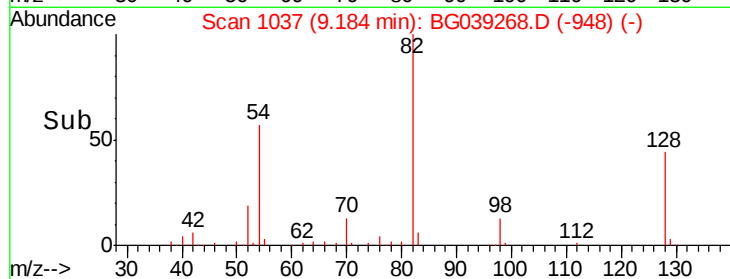
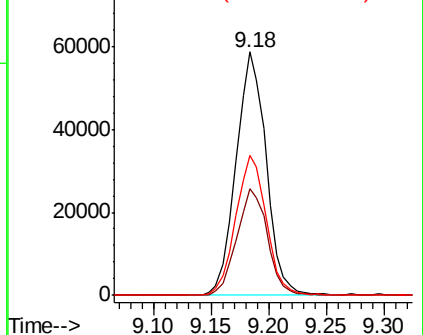
#23
 Nitrobenzene-d5
 Concen: 93.397 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BG039268.D
 Acq: 23 Jan 2019 18:09

Instrument :
 BNA_G
 ClientSampleID :
 RT-1495

Tgt Ion: 82 Resp: 106172
 Ion Ratio Lower Upper
 82 100
 128 43.7 37.3 55.9
 54 57.5 46.4 69.6

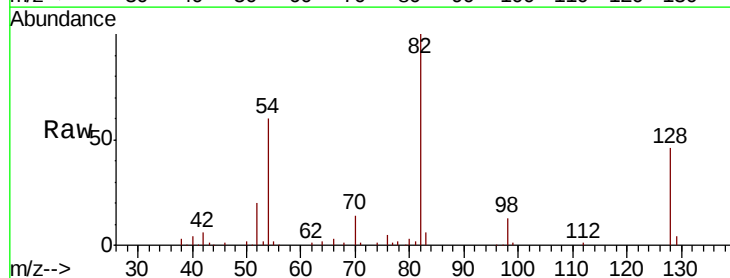


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

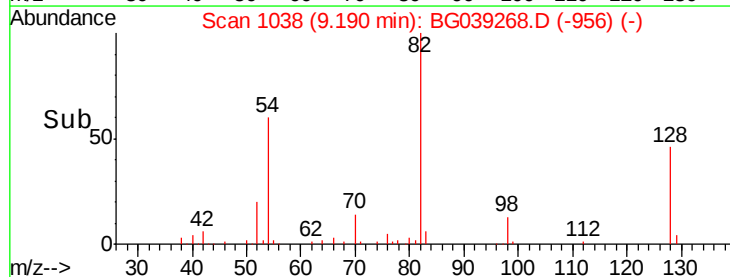
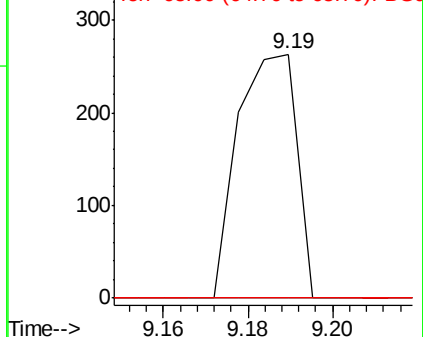


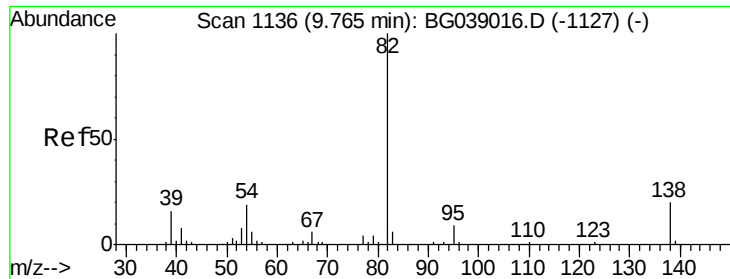
#24
 Nitrobenzene
 Concen: 0.222 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.05 min
 Lab File: BG039268.D
 Acq: 23 Jan 2019 18:09

Tgt Ion: 77 Resp: 255
 Ion Ratio Lower Upper
 77 100
 123 0.0 37.6 56.4#
 65 0.0 11.0 16.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 0.076 ng

RT: 9.30 min Scan# 1056

Delta R.T. -0.45 min

Lab File: BG039268.D

Acq: 23 Jan 2019 18:09

Instrument :

BNA_G

ClientSampleId :

RT-1495

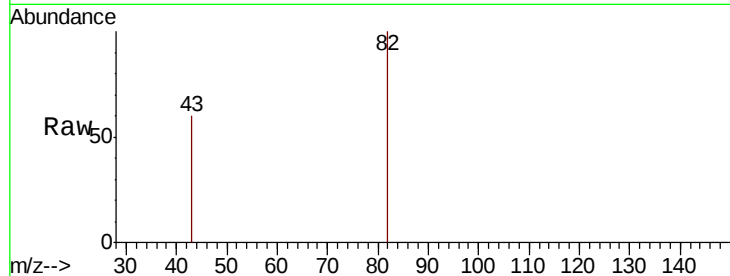
Tgt Ion: 82 Resp: 149

Ion Ratio Lower Upper

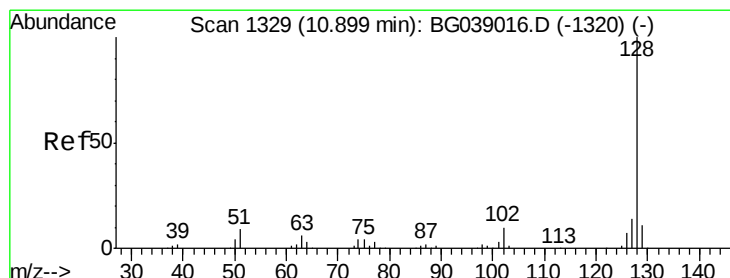
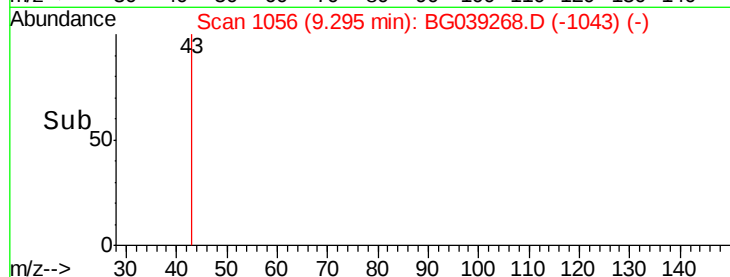
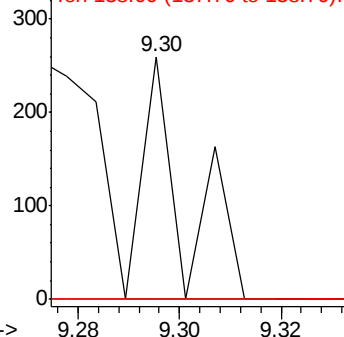
82 100

95 0.0 7.0 10.6#

138 0.0 16.2 24.4#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#31

Naphthalene

Concen: 0.241 ng

RT: 10.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG039268.D

Acq: 23 Jan 2019 18:09

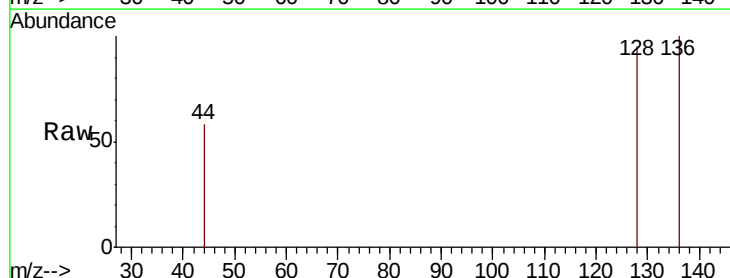
Tgt Ion: 128 Resp: 752

Ion Ratio Lower Upper

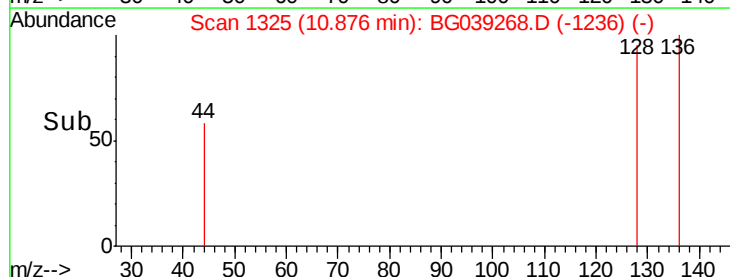
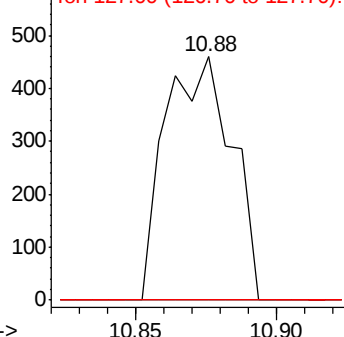
128 100

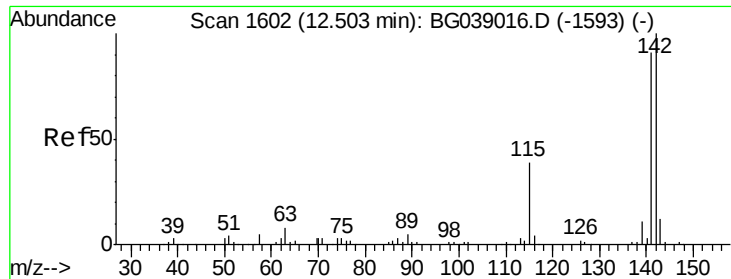
129 0.0 9.1 13.7#

127 0.0 11.2 16.8#



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#37

2-Methylnaphthalene

Concen: 0.053 ng

RT: 12.50 min Scan# 1601

Delta R.T. 0.01 min

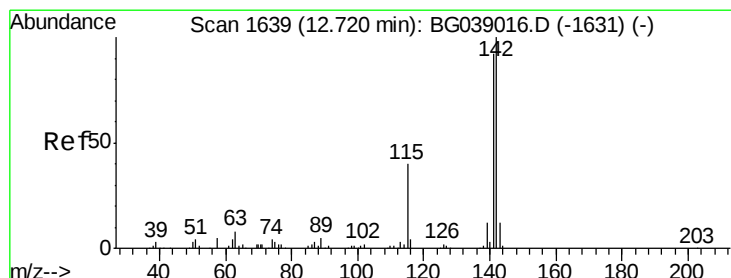
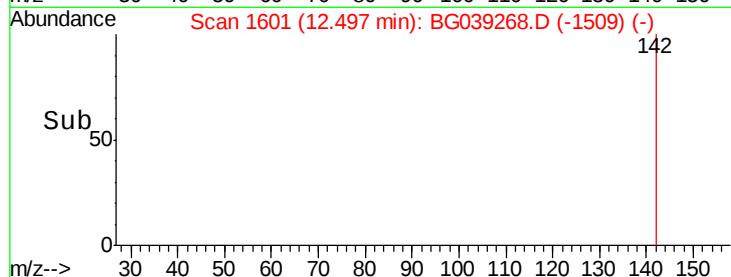
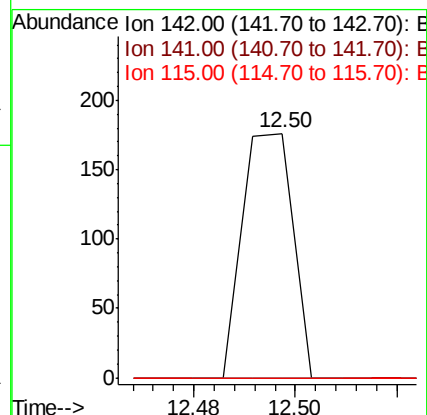
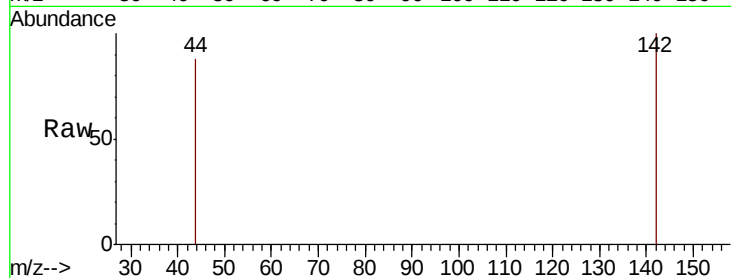
Lab File: BG039268.D

Acq: 23 Jan 2019 18:09

Instrument :
BNA_G
ClientSampleId :
RT-1495

Tgt Ion:142 Resp: 123

Ion	Ratio	Lower	Upper
142	100		
141	0.0	72.6	109.0#
115	0.0	31.1	46.7#



#38

1-Methylnaphthalene

Concen: 0.055 ng

RT: 12.50 min Scan# 1601

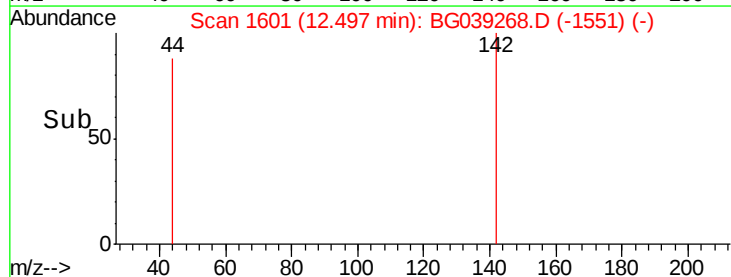
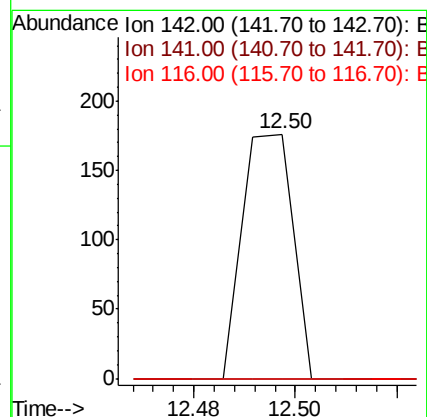
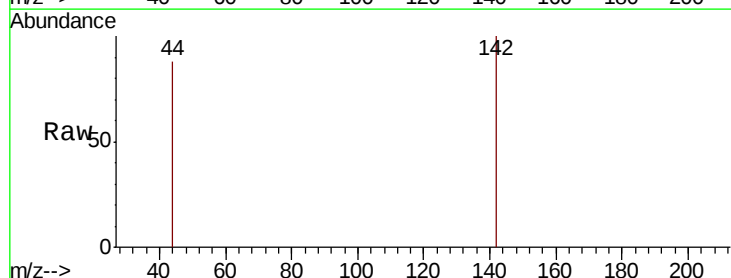
Delta R.T. -0.21 min

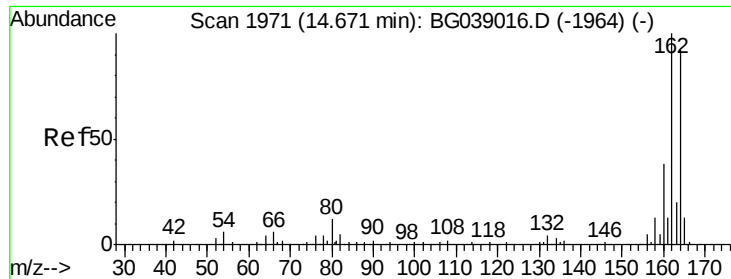
Lab File: BG039268.D

Acq: 23 Jan 2019 18:09

Tgt Ion:142 Resp: 123

Ion	Ratio	Lower	Upper
142	100		
141	0.0	73.3	109.9#
116	0.0	3.1	4.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG039268.D

Acq: 23 Jan 2019 18:09

Instrument :

BNA_G

ClientSampleId :

RT-1495

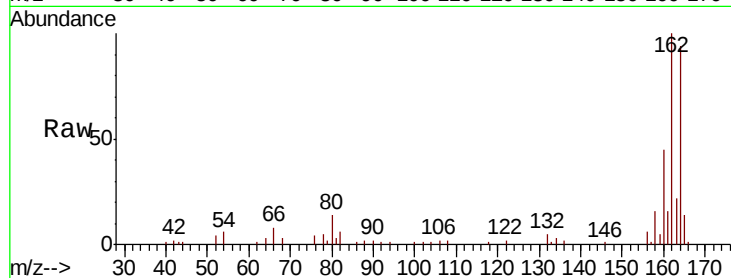
Tgt Ion:164 Resp: 43258

Ion Ratio Lower Upper

164 100

162 106.0 87.2 130.8

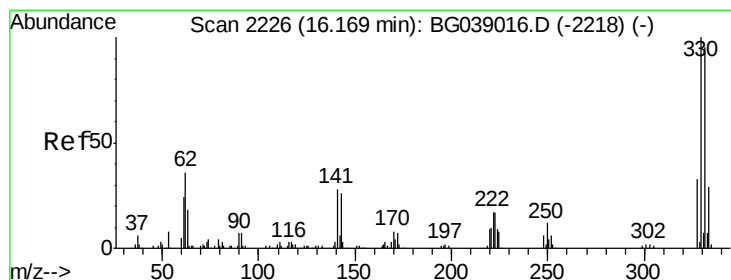
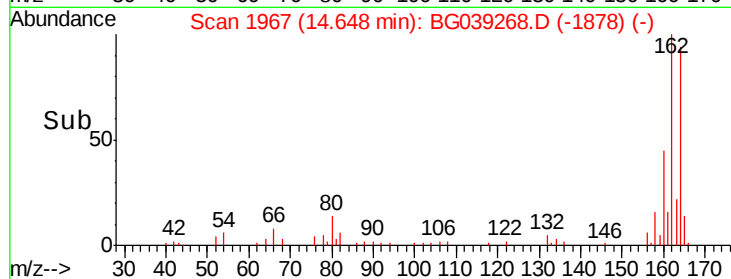
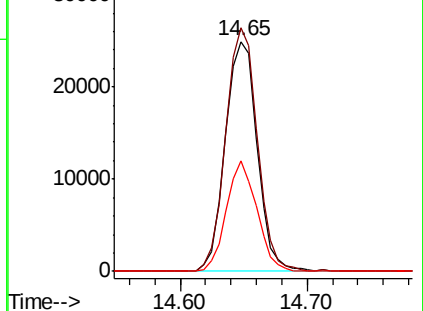
160 48.0 33.3 49.9



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: 115.189 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG039268.D

Acq: 23 Jan 2019 18:09

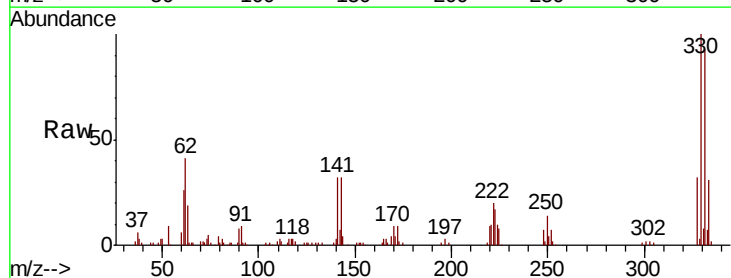
Tgt Ion:330 Resp: 83526

Ion Ratio Lower Upper

330 100

332 97.5 75.7 113.5

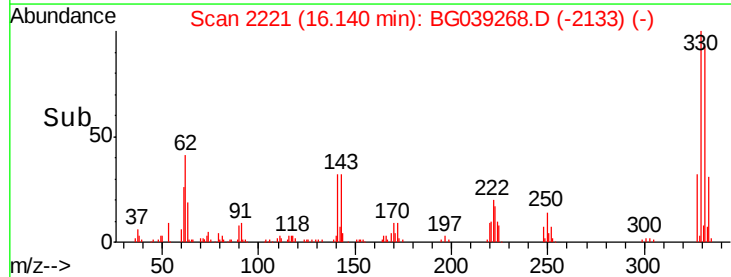
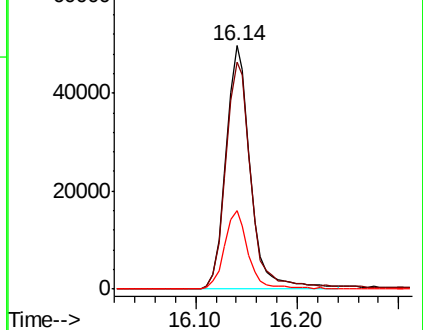
141 31.5 24.9 37.3

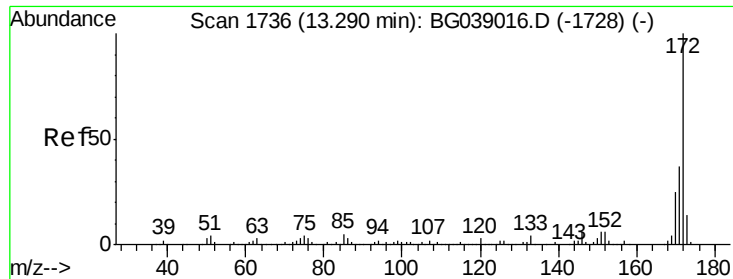


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

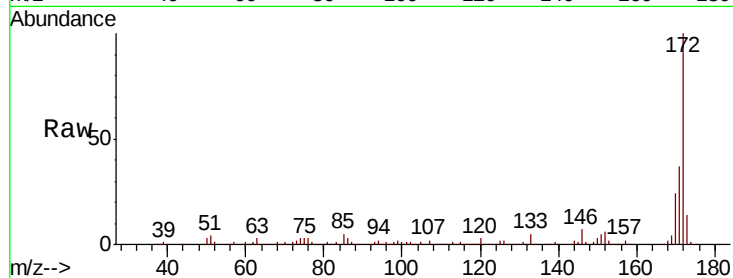




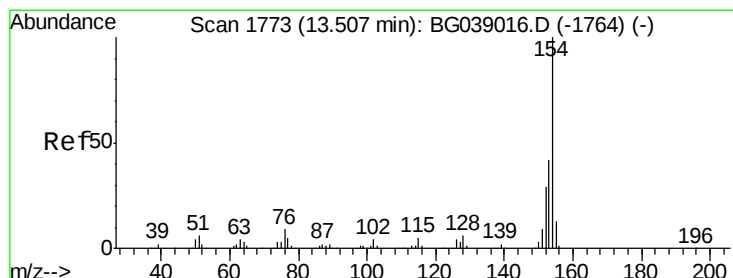
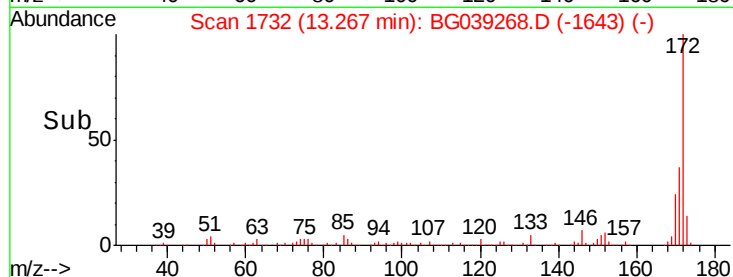
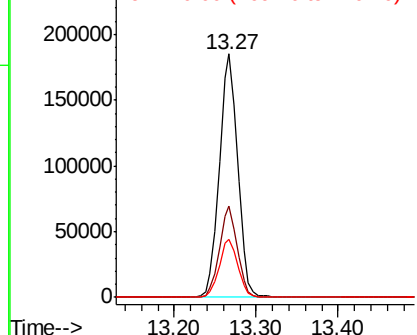
#45
 2-Fluorobiphenyl
 Concen: 91.982 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG039268.D
 Acq: 23 Jan 2019 18:09

Instrument :
 BNA_G
 ClientSampleID :
 RT-1495

Tgt Ion:172 Resp: 290738
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.4 44.0
 170 23.6 20.1 30.1

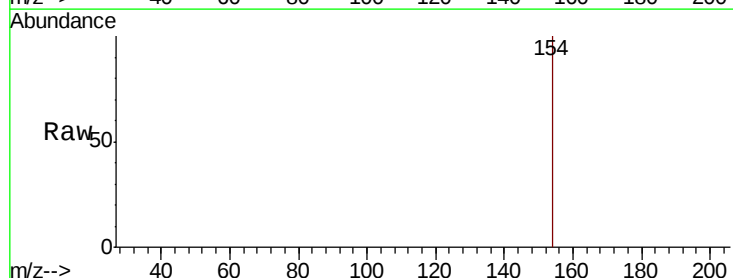


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

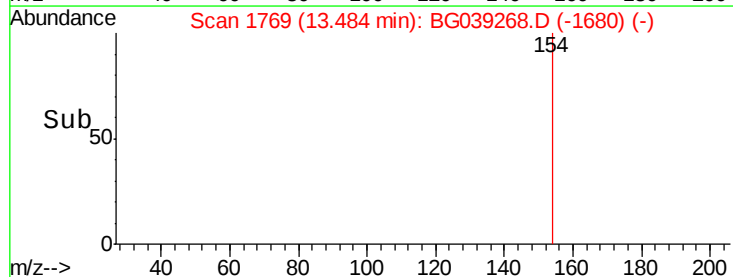
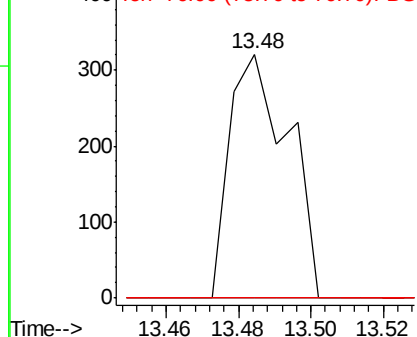


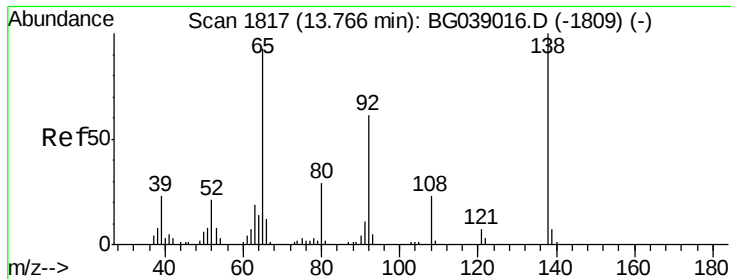
#46
 1,1'-Biphenyl
 Concen: 0.106 ng
 RT: 13.48 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BG039268.D
 Acq: 23 Jan 2019 18:09

Tgt Ion:154 Resp: 362
 Ion Ratio Lower Upper
 154 100
 153 0.0 22.4 62.4#
 76 0.0 0.0 29.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

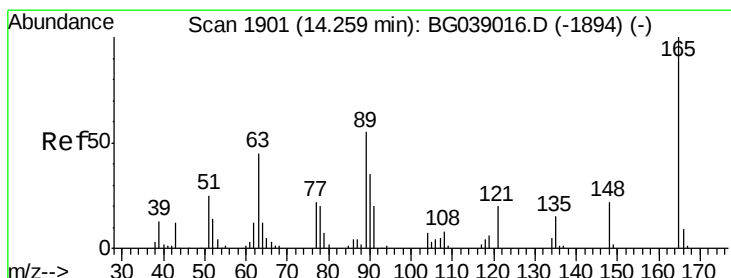
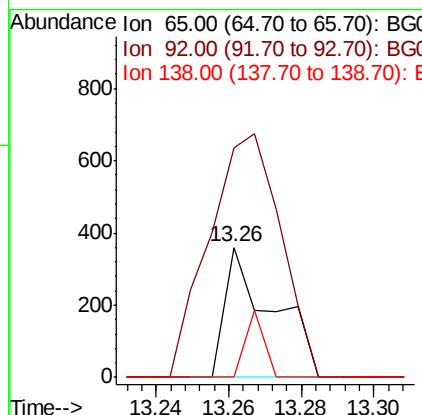
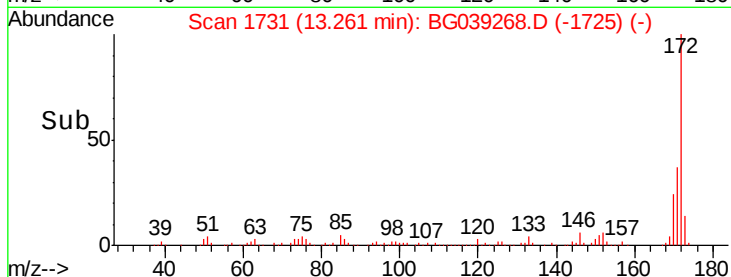
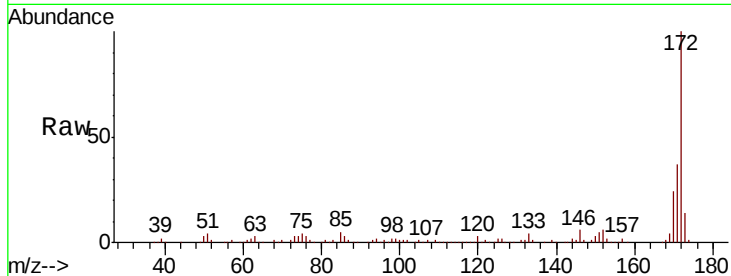




#48
 2-Nitroaniline
 Concen: 0.418 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.49 min
 Lab File: BG039268.D
 Acq: 23 Jan 2019 18:09

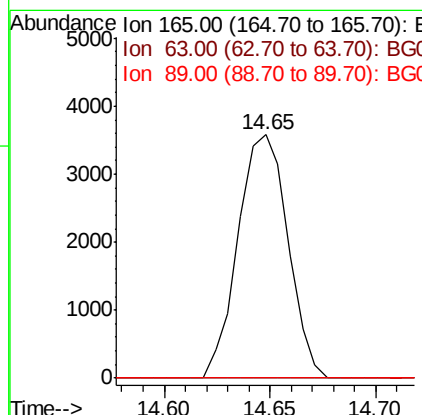
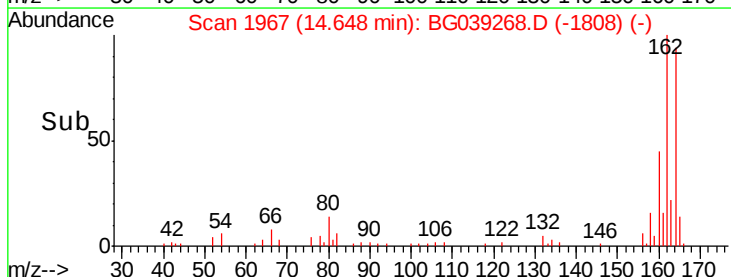
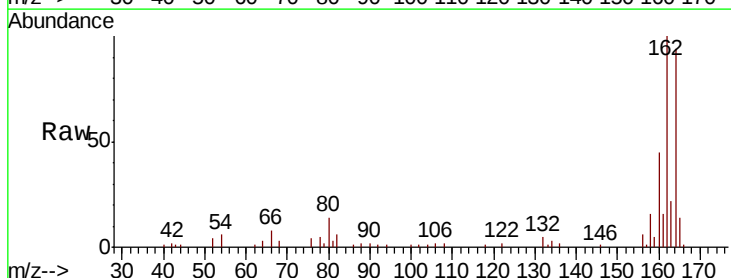
Instrument :
 BNA_G
 ClientSampleId :
 RT-1495

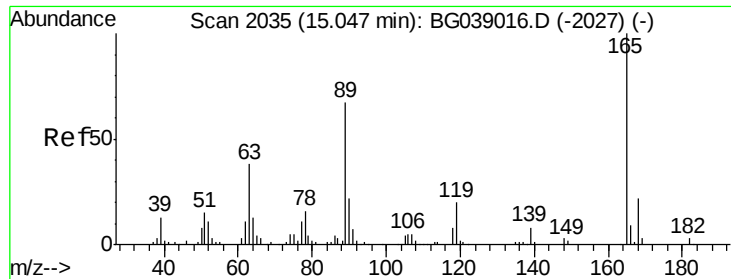
Tgt Ion: 65 Resp: 325
 Ion Ratio Lower Upper
 65 100
 92 176.9 52.2 78.4#
 138 0.0 86.0 129.0#



#51
 2,6-Dinitrotoluene
 Concen: 7.165 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. 0.40 min
 Lab File: BG039268.D
 Acq: 23 Jan 2019 18:09

Tgt Ion: 165 Resp: 5856
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.6 65.4#
 89 0.0 43.7 65.5#

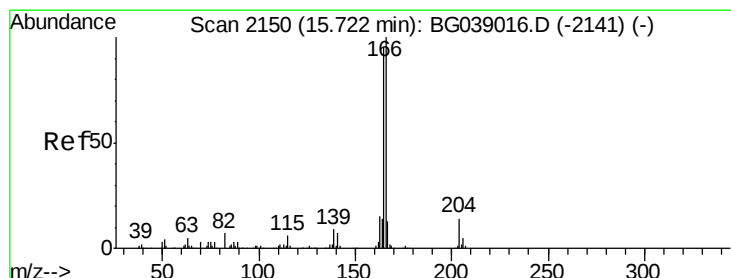
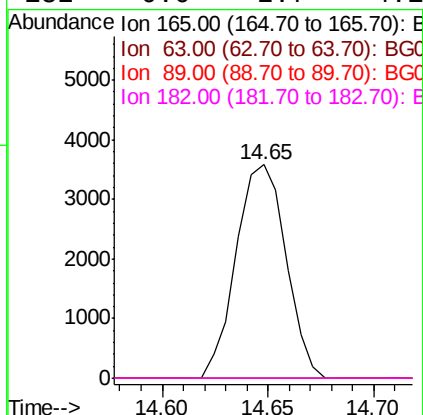
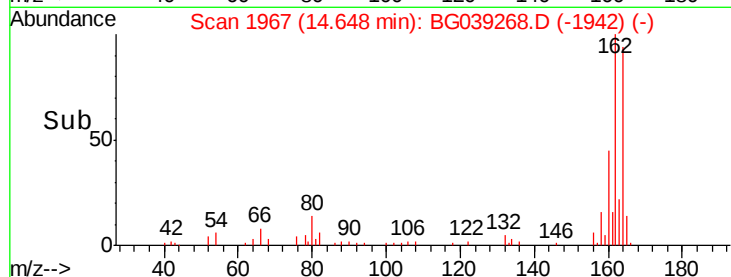
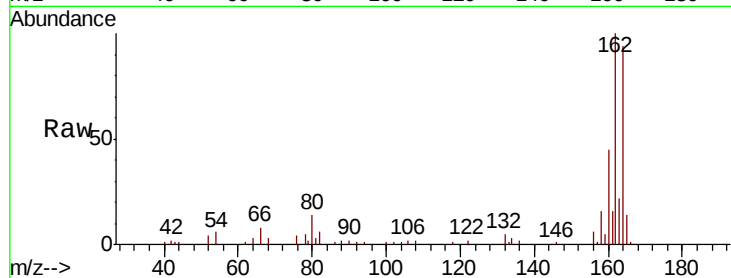




#57
 2,4-Dinitrotoluene
 Concen: 4.994 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.38 min
 Lab File: BG039268.D
 Acq: 23 Jan 2019 18:09

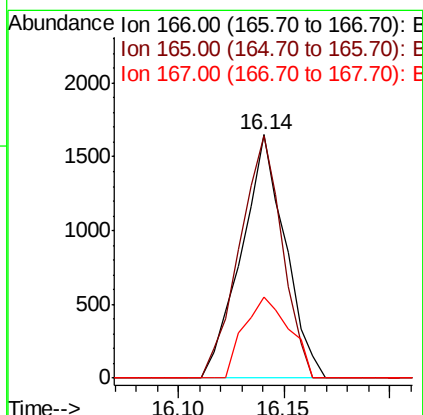
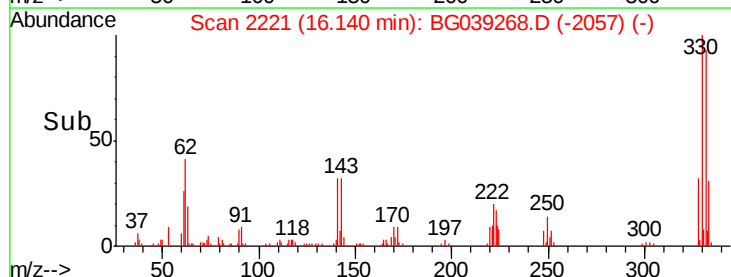
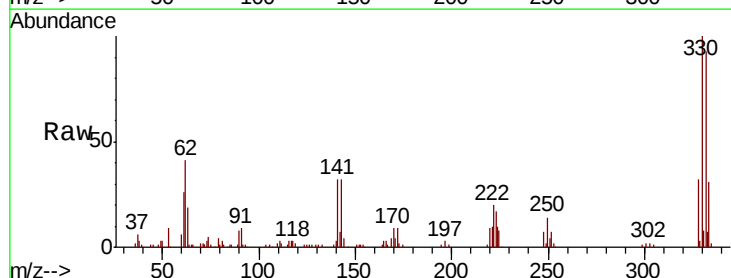
Instrument :
 BNA_G
 ClientSampleId :
 RT-1495

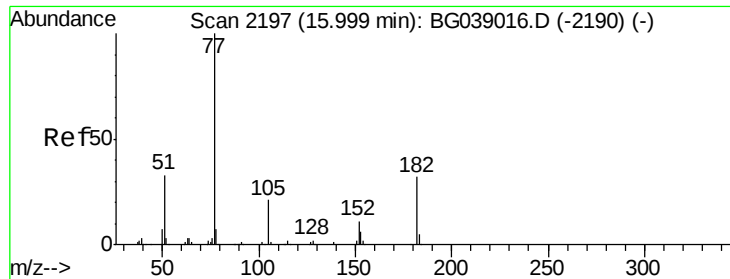
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.2	45.4#
89	0.0	53.2	79.8#
182	0.0	2.7	4.1#



#58
 Fluorene
 Concen: 0.713 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. 0.43 min
 Lab File: BG039268.D
 Acq: 23 Jan 2019 18:09

Tgt Ion	Ratio	Lower	Upper
166	100		
165	74.6	76.2	114.2#
167	24.9	10.6	16.0#

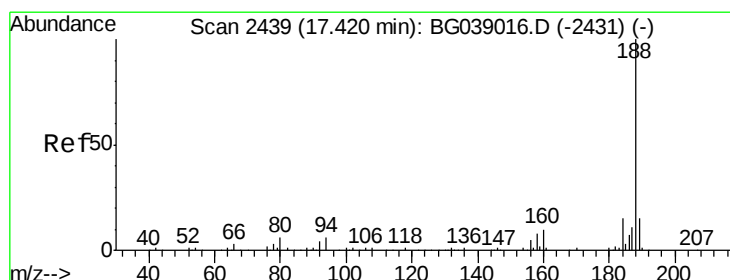
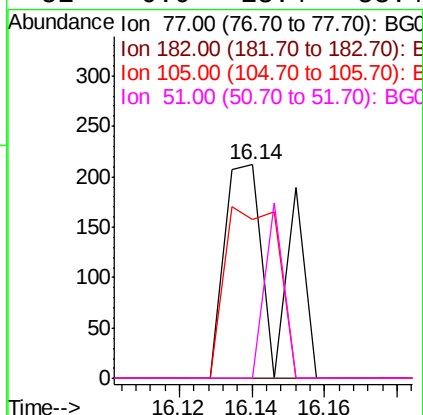
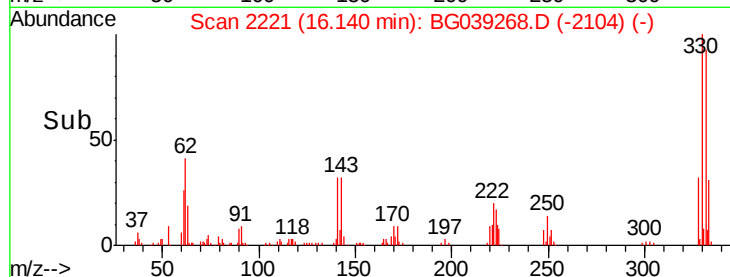
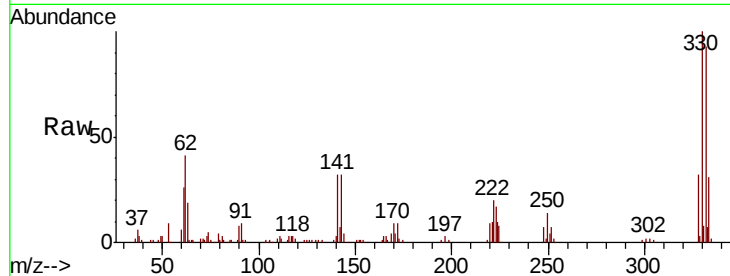




#63
Azobenzene
Concen: 0.073 ng
RT: 16.14 min Scan# 2221
Delta R.T. 0.16 min
Lab File: BG039268.D
Acq: 23 Jan 2019 18:09

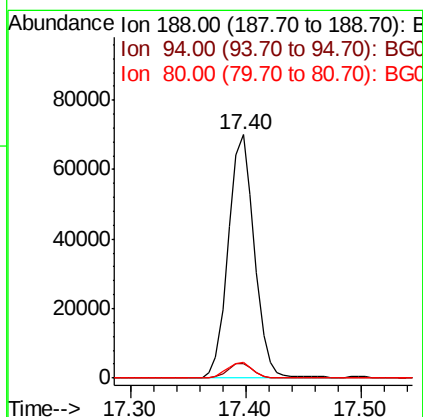
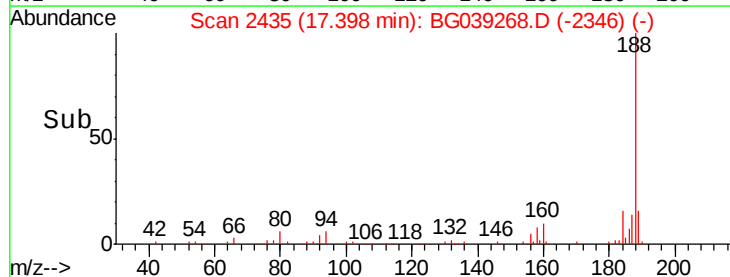
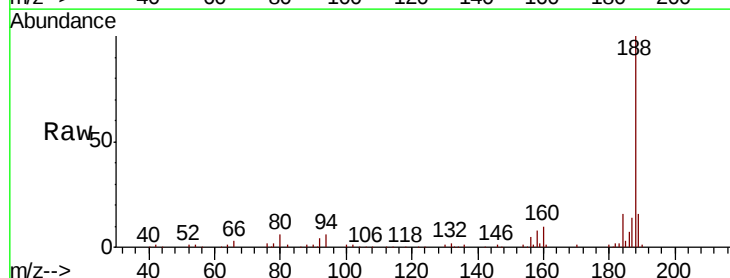
Instrument :
BNA_G
ClientSampleId :
RT-1495

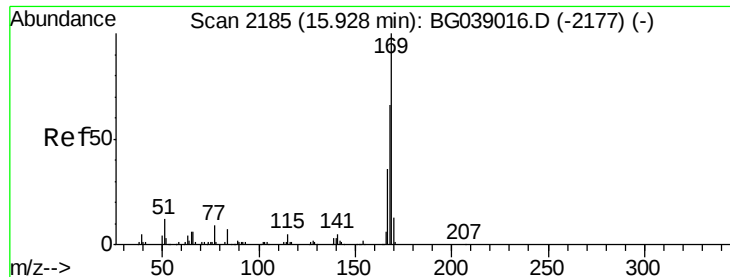
Tgt Ion: 77 Resp: 214
Ion Ratio Lower Upper
77 100
182 0.0 12.2 52.2#
105 74.5 1.2 41.2#
51 0.0 13.4 53.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG039268.D
Acq: 23 Jan 2019 18:09

Tgt Ion: 188 Resp: 109686
Ion Ratio Lower Upper
188 100
94 5.8 5.0 7.4
80 6.4 4.7 7.1

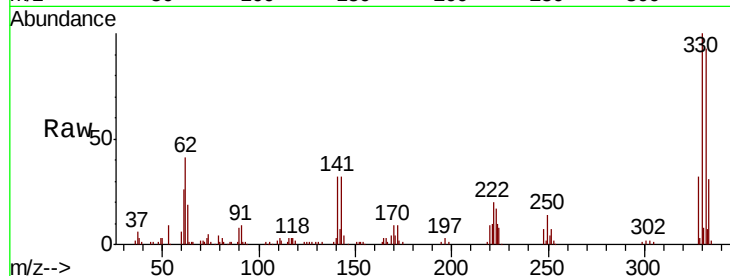




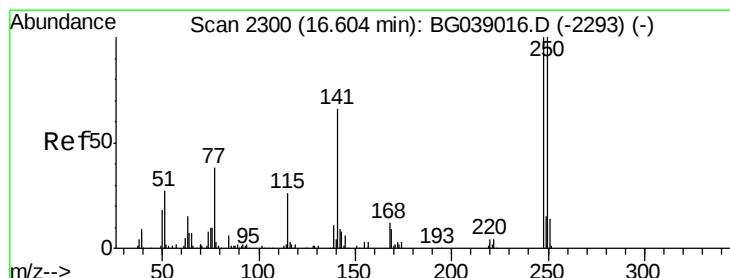
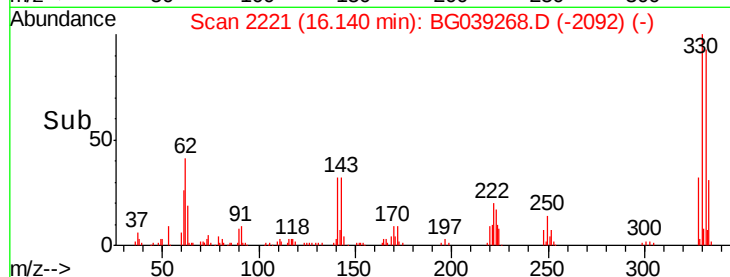
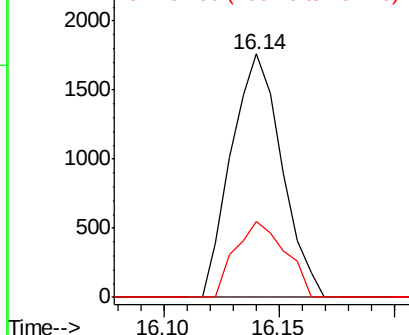
#66
 n-Nitrosodiphenylamine
 Concen: 0.825 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. 0.23 min
 Lab File: BG039268.D
 Acq: 23 Jan 2019 18:09

Instrument :
 BNA_G
 ClientSampleId :
 RT-1495

Tgt Ion:169 Resp: 2683
 Ion Ratio Lower Upper
 169 100
 168 0.0 53.2 79.8#
 167 31.0 29.1 43.7

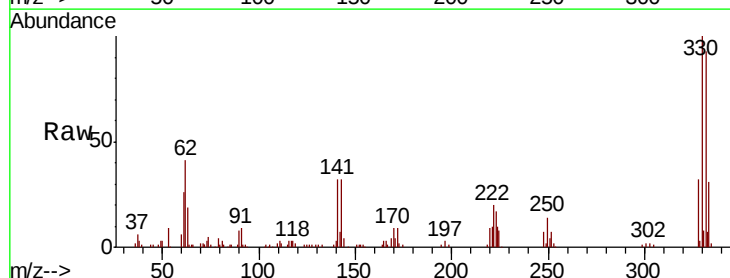


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

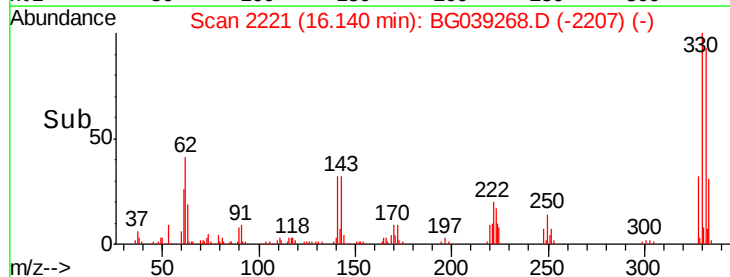
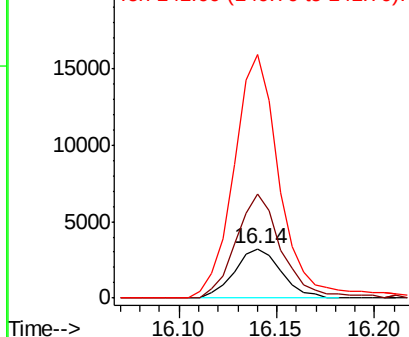


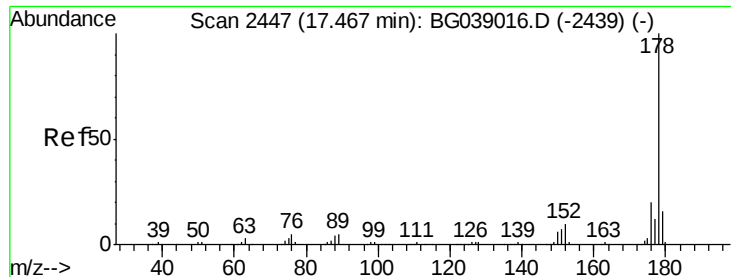
#67
 4-Bromophenyl-phenylether
 Concen: 3.802 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.45 min
 Lab File: BG039268.D
 Acq: 23 Jan 2019 18:09

Tgt Ion:248 Resp: 5360
 Ion Ratio Lower Upper
 248 100
 250 204.0 79.9 119.9#
 141 372.2 52.7 79.1#



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: 0.058 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.02 min

Lab File: BG039268.D

Acq: 23 Jan 2019 18:09

Instrument :

BNA_G

ClientSampleId :

RT-1495

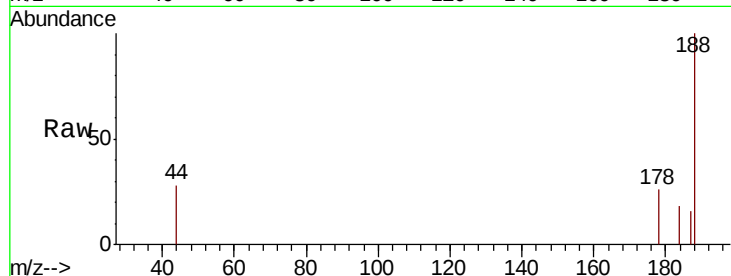
Tgt Ion:178 Resp: 339

Ion Ratio Lower Upper

178 100

176 0.0 15.7 23.5#

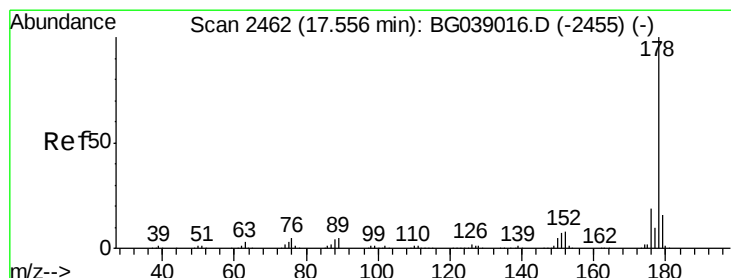
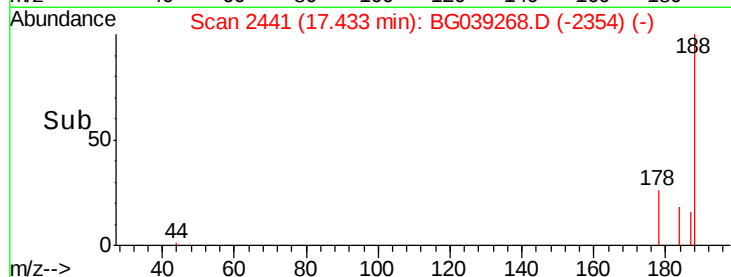
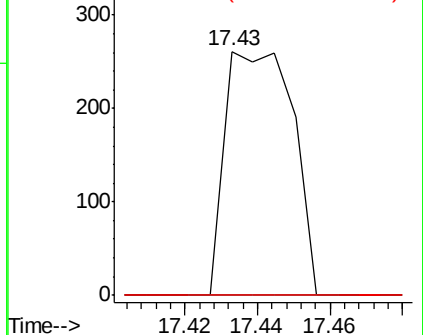
179 0.0 12.9 19.3#



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: 0.059 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.11 min

Lab File: BG039268.D

Acq: 23 Jan 2019 18:09

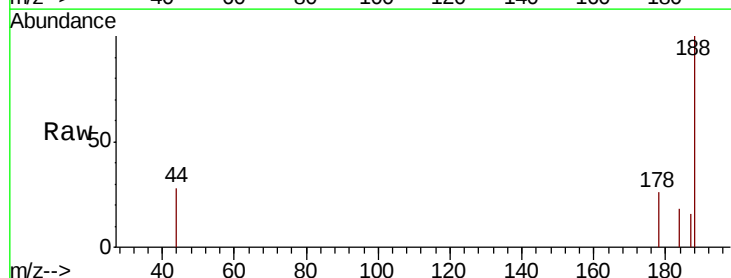
Tgt Ion:178 Resp: 339

Ion Ratio Lower Upper

178 100

176 0.0 14.9 22.3#

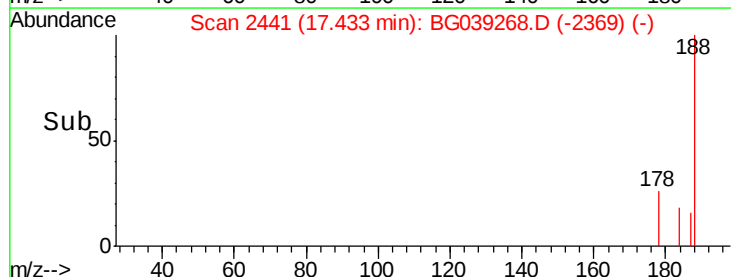
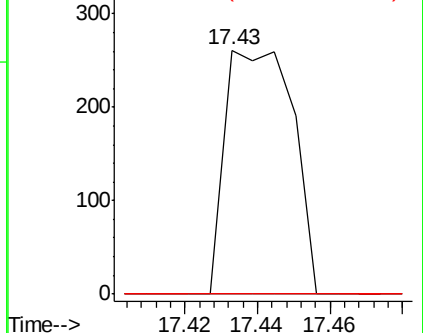
179 0.0 13.0 19.4#

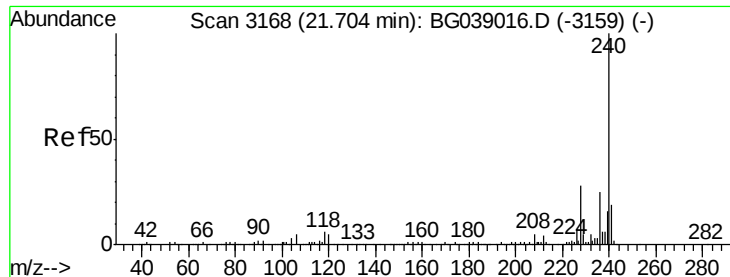


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG039268.D

Acq: 23 Jan 2019 18:09

Instrument :

BNA_G

ClientSampleId :

RT-1495

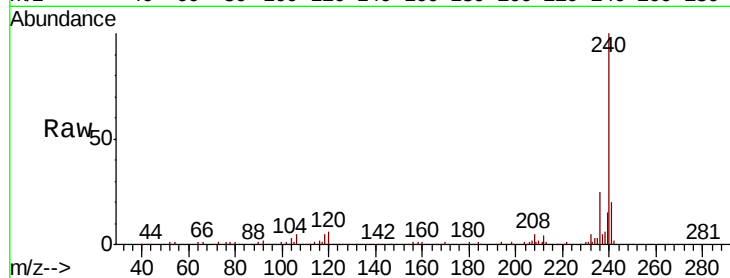
Tgt Ion:240 Resp: 117127

Ion Ratio Lower Upper

240 100

120 6.0 4.3 6.5

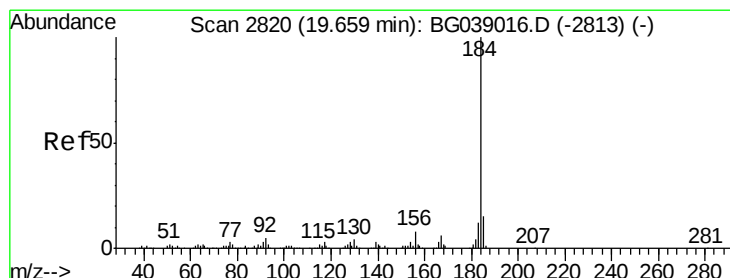
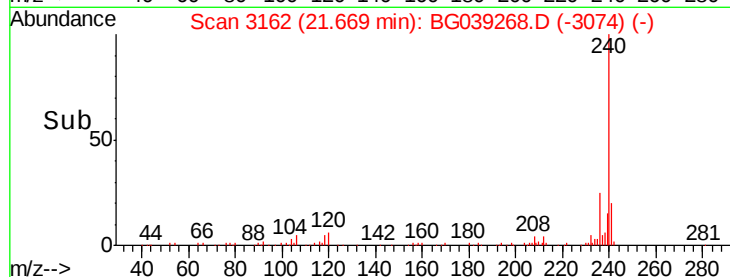
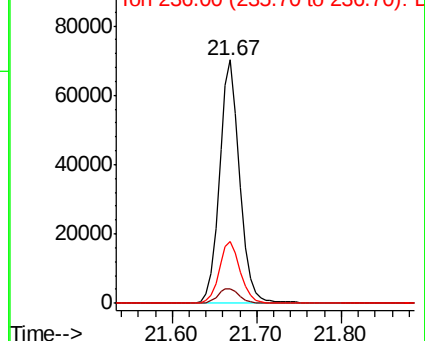
236 25.5 20.1 30.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 2.279 ng

RT: 20.00 min Scan# 2878

Delta R.T. 0.36 min

Lab File: BG039268.D

Acq: 23 Jan 2019 18:09

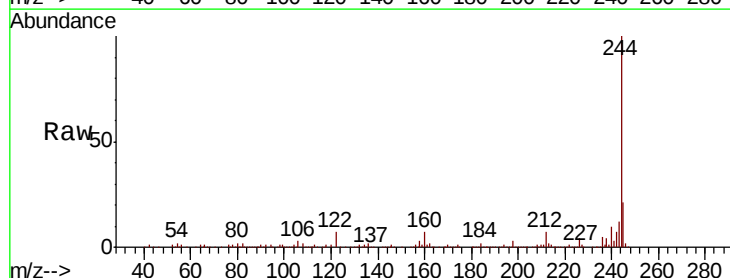
Tgt Ion:184 Resp: 8163

Ion Ratio Lower Upper

184 100

185 17.2 12.1 18.1

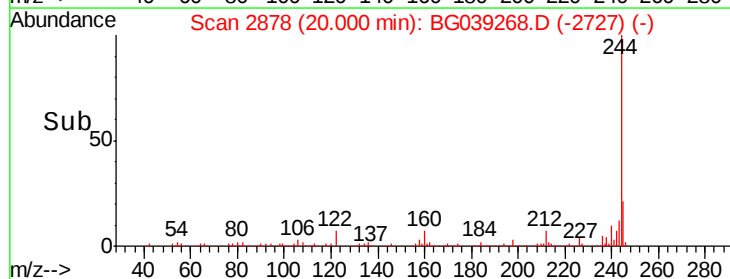
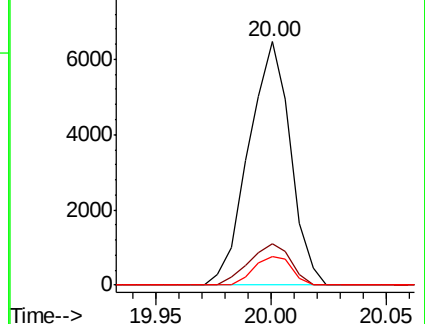
183 11.5 9.5 14.3

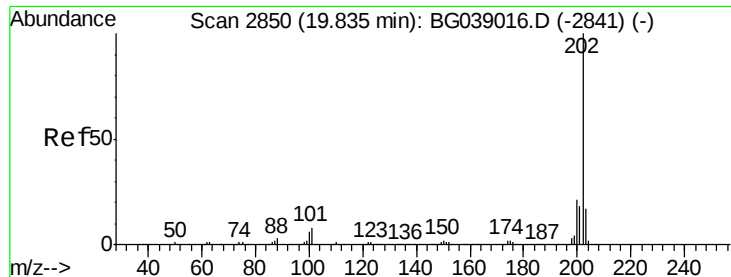


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pyrene

Concen: 0.236 ng

RT: 20.00 min Scan# 2878

Delta R.T. 0.18 min

Lab File: BG039268.D

Acq: 23 Jan 2019 18:09

Instrument :

BNA_G

ClientSampleId :

RT-1495

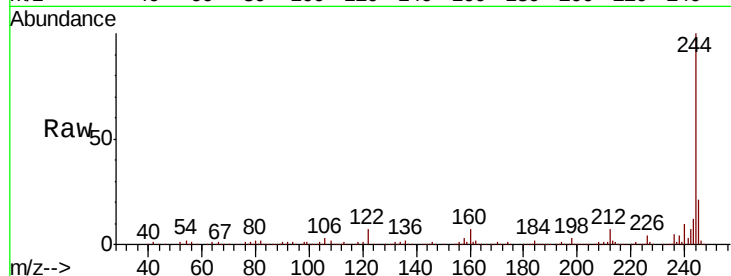
Tgt Ion:202 Resp: 1763

Ion Ratio Lower Upper

202 100

200 53.0 17.0 25.6#

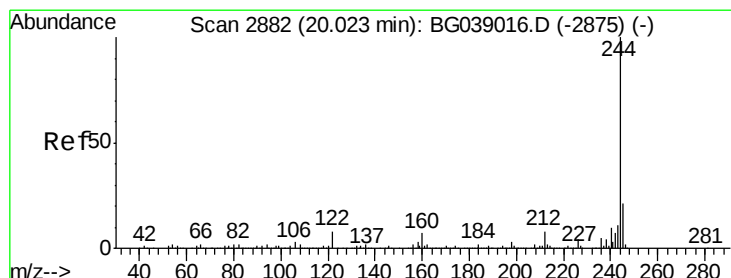
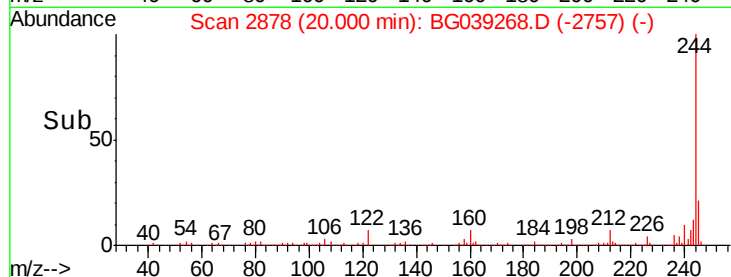
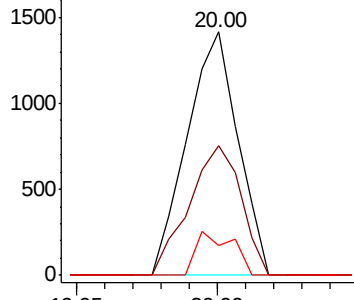
203 12.5 14.0 21.0#



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: 82.673 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG039268.D

Acq: 23 Jan 2019 18:09

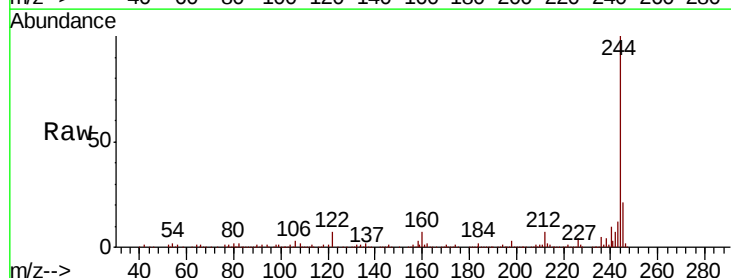
Tgt Ion:244 Resp: 523451

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

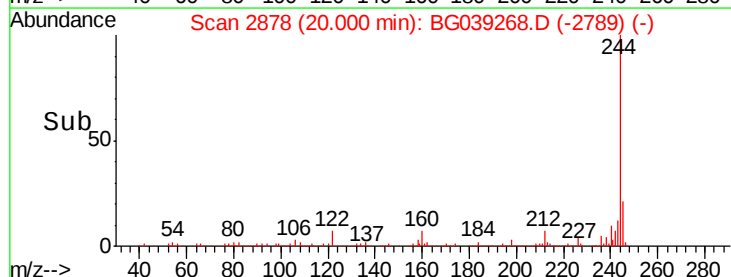
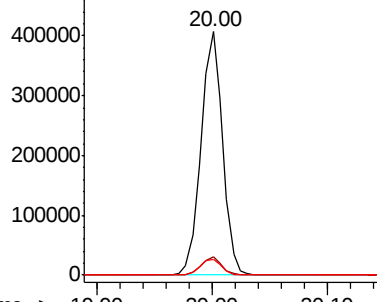
122 6.6 6.1 9.1

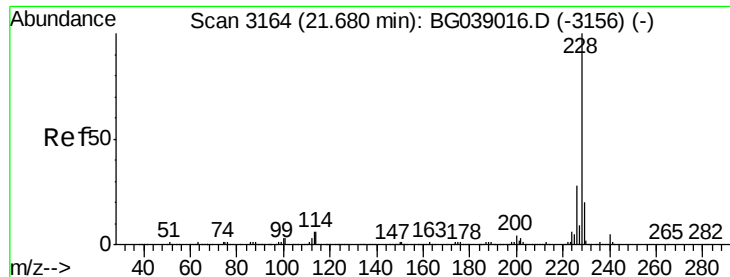


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 0.040 ng

RT: 21.67 min Scan# 3162

Delta R.T. 0.01 min

Lab File: BG039268.D

Acq: 23 Jan 2019 18:09

Instrument :

BNA_G

ClientSampleId :

RT-1495

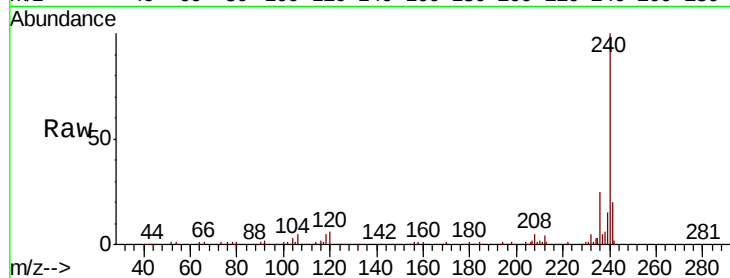
Tgt Ion:228 Resp: 283

Ion Ratio Lower Upper

228 100

226 0.0 22.4 33.6#

229 0.0 16.2 24.2#



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

21.67

200

150

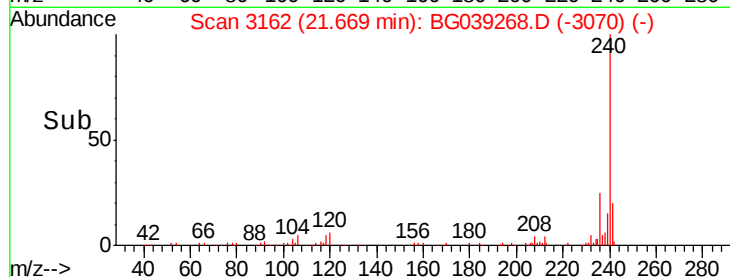
100

50

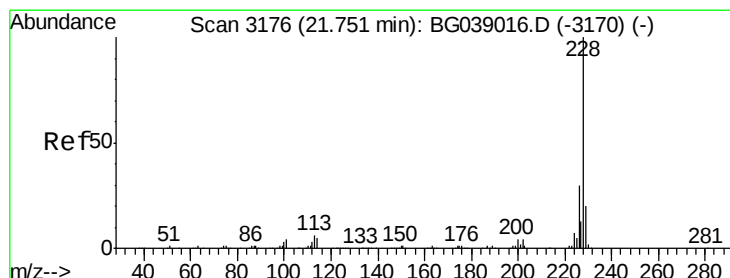
0

21.65

21.70



Time-->



#83

Chrysene

Concen: 0.042 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.06 min

Lab File: BG039268.D

Acq: 23 Jan 2019 18:09

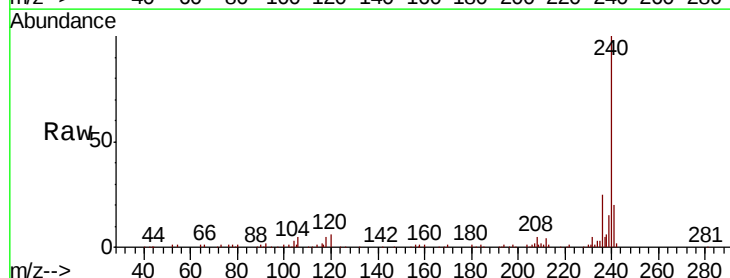
Tgt Ion:228 Resp: 283

Ion Ratio Lower Upper

228 100

226 0.0 24.1 36.1#

229 0.0 16.0 24.0#



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

21.67

200

150

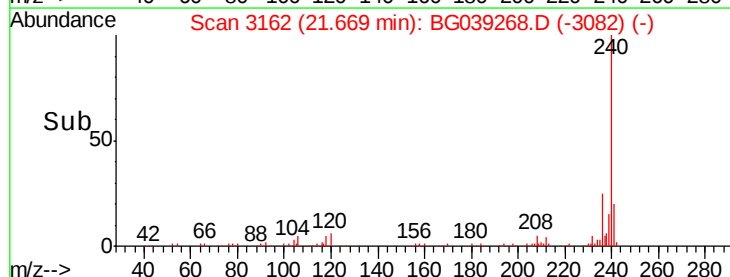
100

50

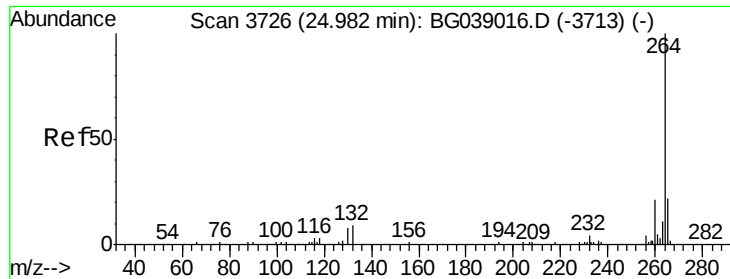
0

21.65

21.70



Time-->

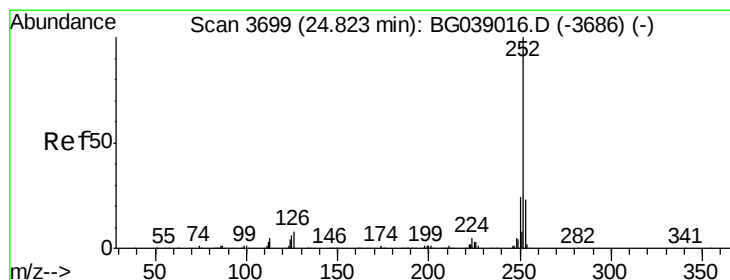
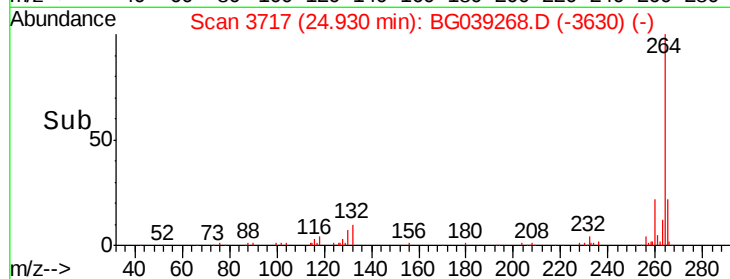
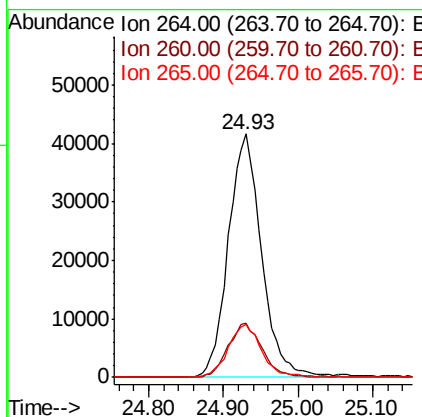
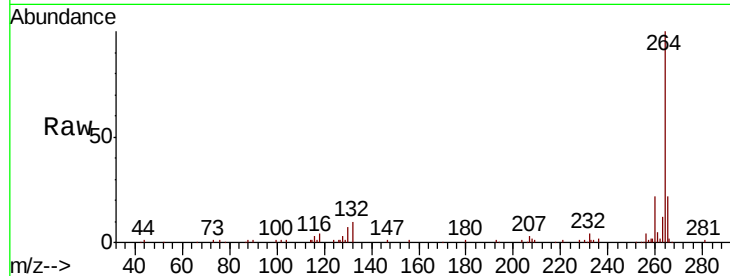


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.02 min
Lab File: BG039268.D
Acq: 23 Jan 2019 18:09

Instrument :
BNA_G
ClientSampleId :
RT-1495

Tgt Ion: 264 Resp: 128686

Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.0	25.6
265	21.5	17.2	25.8



#90
Benzo(a)pyrene
Concen: 0.027 ng
RT: 24.92 min Scan# 3715
Delta R.T. 0.13 min
Lab File: BG039268.D
Acq: 23 Jan 2019 18:09

Tgt Ion: 252 Resp: 186

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.3	27.5#
125	0.0	4.9	7.3#

