

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061319\
 Data File : BG041233.D
 Acq On : 13 Jun 2019 15:55
 Operator : HP/JU
 Sample : K3309-08MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 13 17:19:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-8.11
21) Naphthalene-d8	10.57	136	61	20.00	ng	-0.35
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.74
64) Phenanthrene-d10	0.00	188	0	0.00	ng	-17.48
76) Chrysene-d12	21.78	240	53	20.00	ng	0.02
87) Perylene-d12	0.00	264	0	0.00	ng	-25.09

System Monitoring Compounds

5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
79) Terphenyl-d14	20.10	244	179	71.68	ng	0.02

Target Compounds

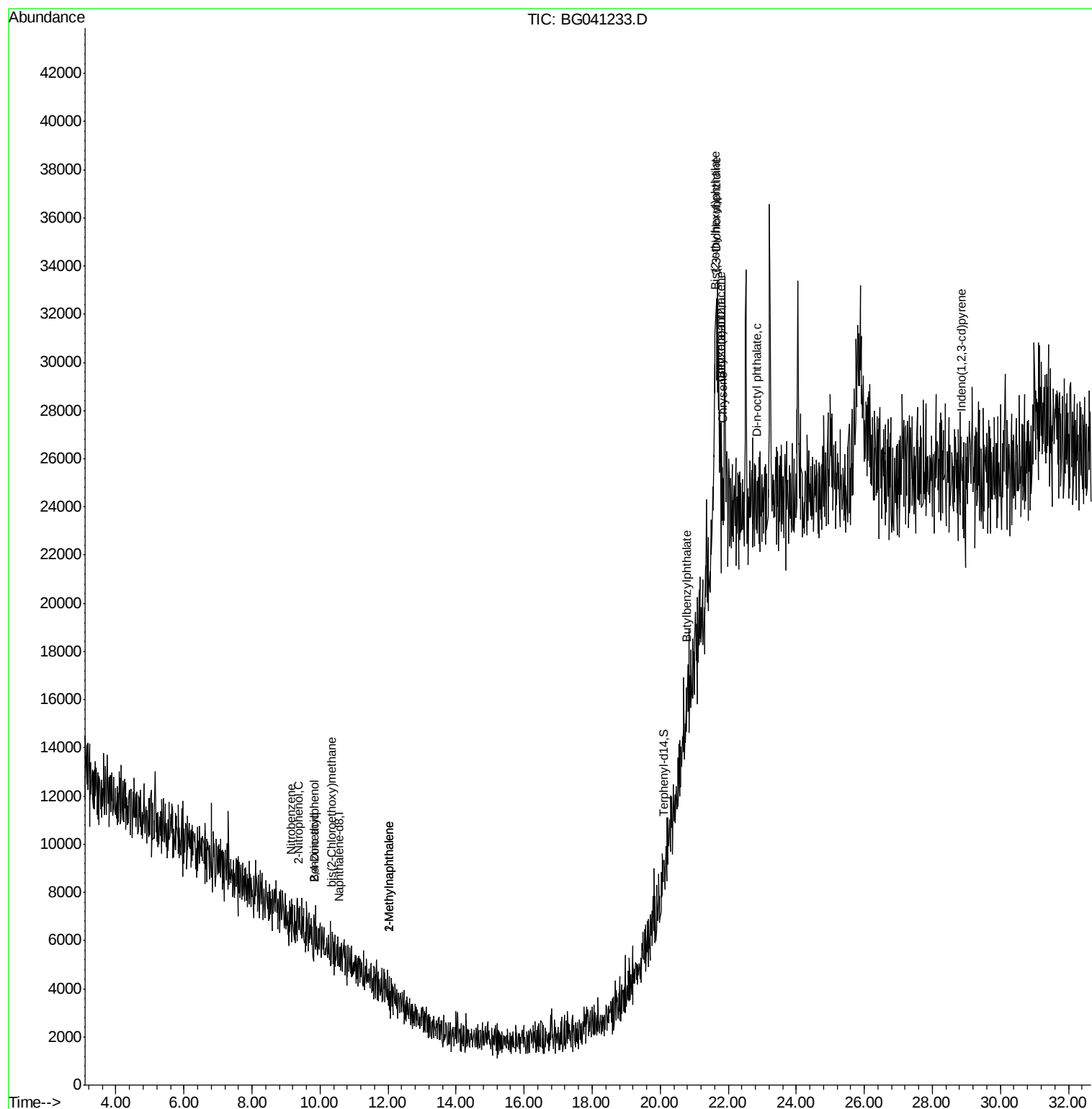
						Qvalue
24) Nitrobenzene	9.16	77	58	41.420	ng	# 44
26) 2-Nitrophenol	9.39	139	53	91.811	ng	# 27
27) 2,4-Dimethylphenol	9.83	122	59	61.884	ng	# 1
28) bis(2-Chloroethoxy)methane	10.34	93	54	38.261	ng	# 49
32) Benzoic acid	9.83	122	59	74.236	ng	# 1
37) 2-Methylnaphthalene	12.04	142	60	23.786	ng	# 13
38) 1-Methylnaphthalene	12.04	142	60	25.242	ng	# 6
80) Butylbenzylphthalate	20.77	149	387	288.637	ng	# 75
81) Benzo(a)anthracene	21.77	228	257	72.846	ng	# 49
82) 3,3'-Dichlorobenzidine	21.66	252	131	105.570	ng	# 24
83) Chrysene	21.83	228	158	46.799	ng	# 49
84) Bis(2-ethylhexyl)phthalate	21.61	149	1067	565.315	ng	# 50
85) Di-n-octyl phthalate	22.85	149	507	161.289	ng	# 1
86) Indeno(1,2,3-cd)pyrene	28.86	276	80	19.344	ng	# 56

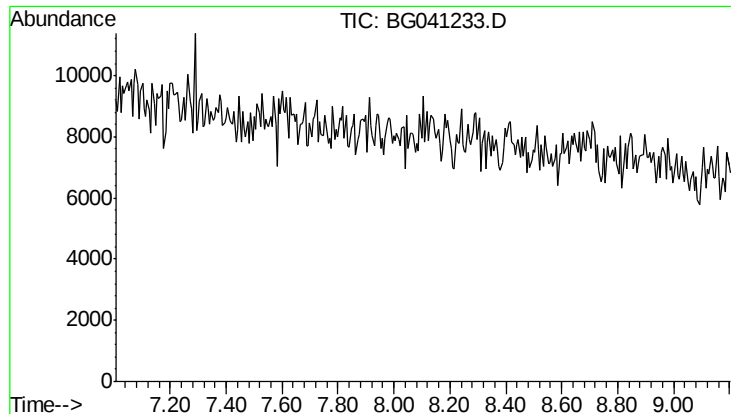
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.000 ng

Expected RT: 8.11 min

Lab File: BG041233.D

Acq: 13 Jun 2019 15:55

Instrument :

BNA_G

ClientSampleId :

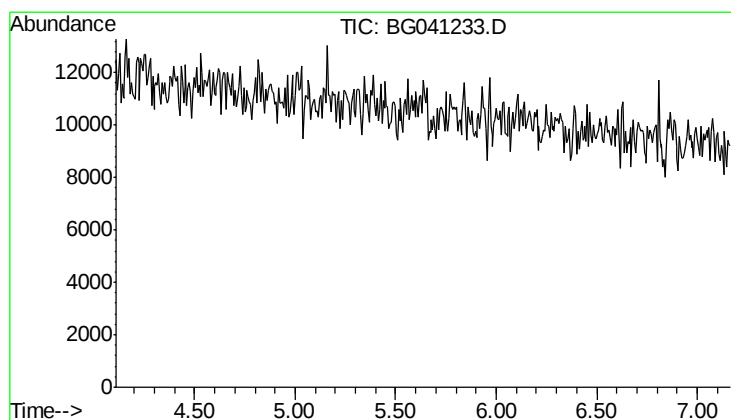
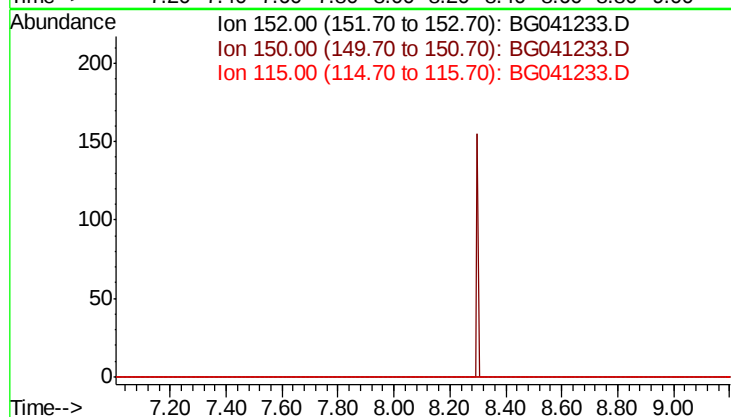
Tot Ion: 152

Sig Exp Ratio

152 100

150 150.7

115 56.4



#5

2-Fluorophenol

Concen: 0.000 ng

Expected RT: 5.64 min

Lab File: BG041233.D

Acq: 13 Jun 2019 15:55

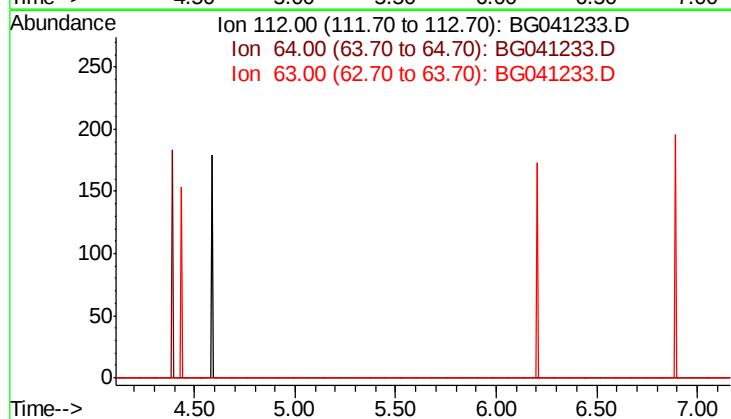
Tgt Ion: 112

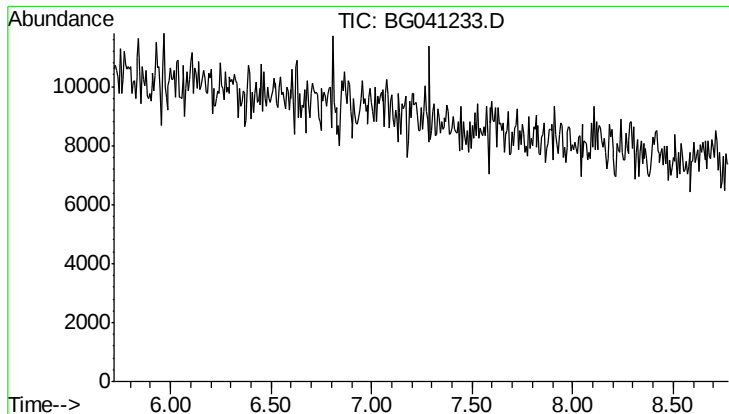
Sig Exp Ratio

112 100

64 70.2

63 41.0





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 7.25 min

Lab File: BG041233.D

Acq: 13 Jun 2019 15:55

Instrument :

BNA_G

ClientSampleId :

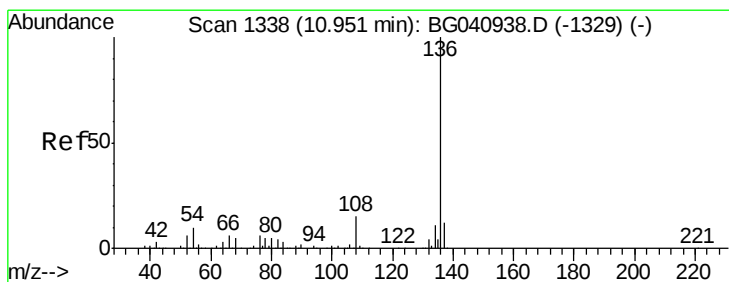
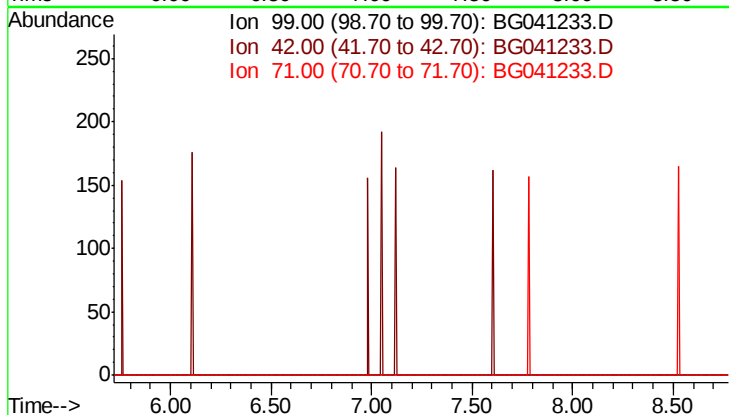
Tot Ion: 99

Sig Exp Ratio

99 100

42 22.4

71 44.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1274

Delta R.T. -0.35 min

Lab File: BG041233.D

Acq: 13 Jun 2019 15:55

Tgt Ion:136 Resp: 61

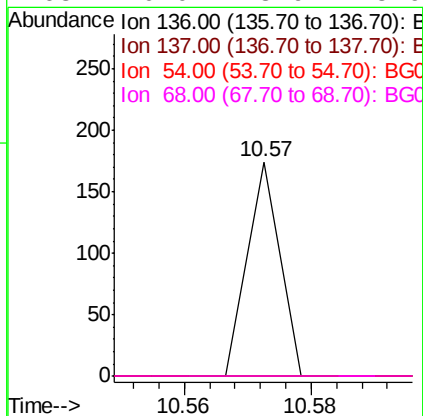
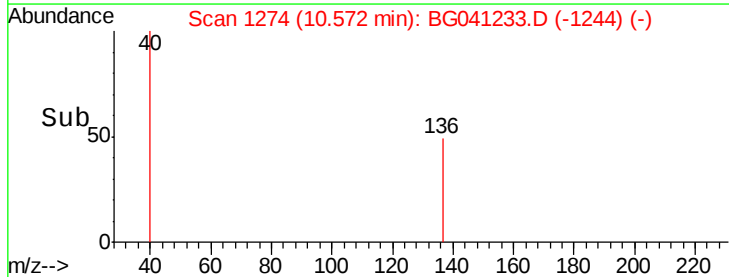
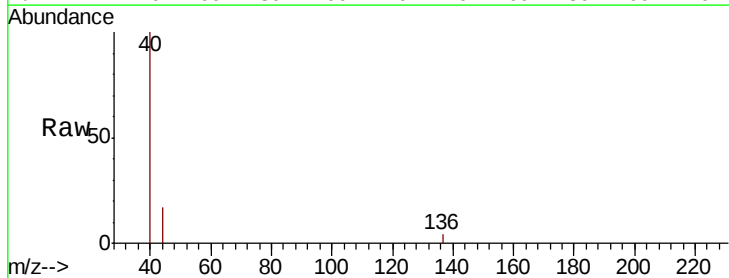
Ion Ratio Lower Upper

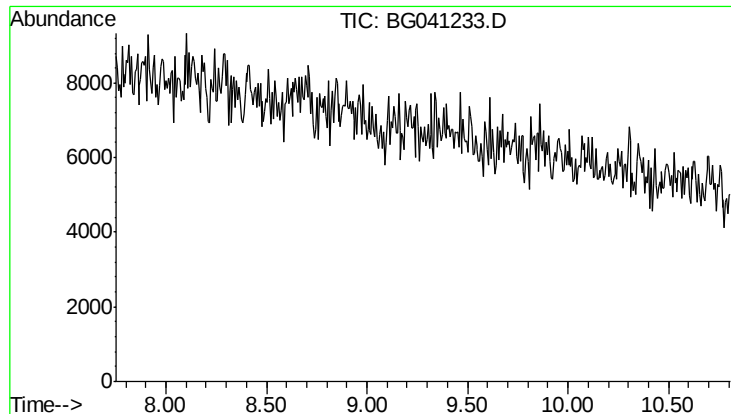
136 100

137 0.0 9.5 14.3#

54 0.0 7.6 11.4#

68 0.0 3.9 5.9#

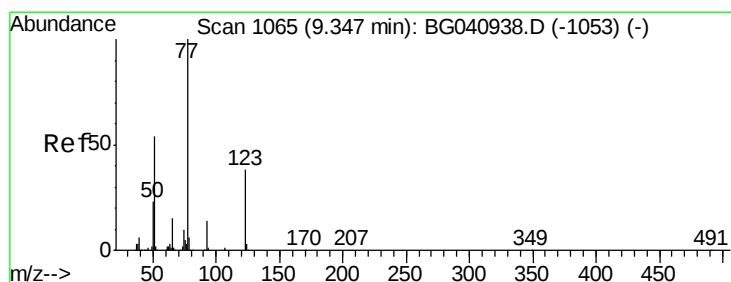
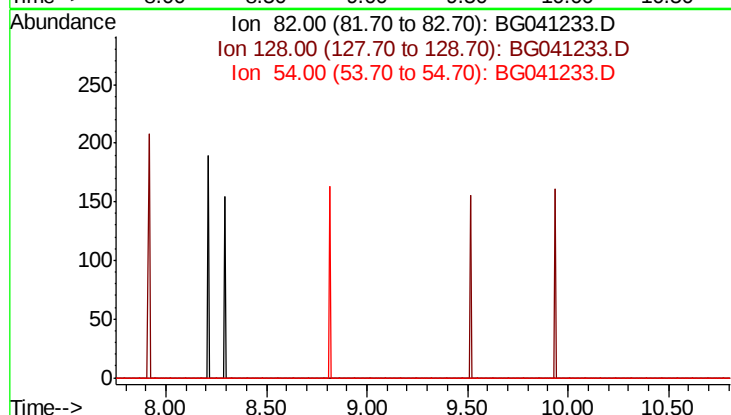




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 9.28 min
 Lab File: BG041233.D
 Acq: 13 Jun 2019 15:55

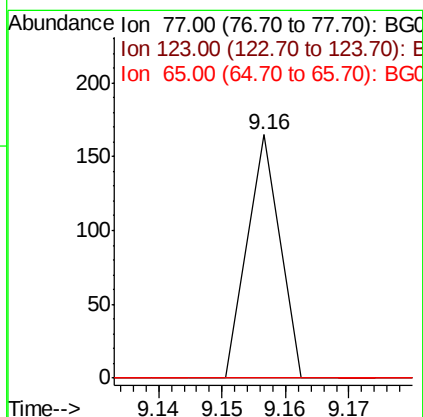
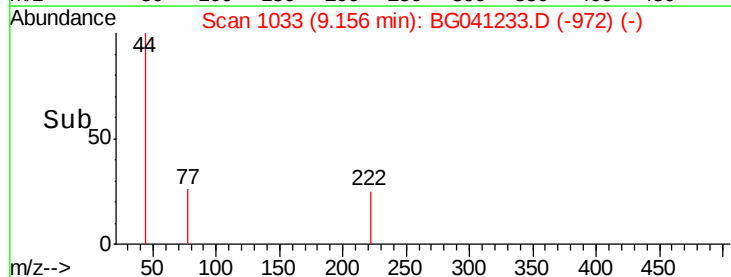
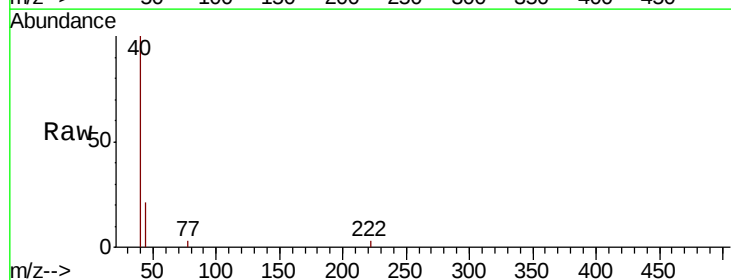
Instrument :
 BNA_G
 ClientSampleId :

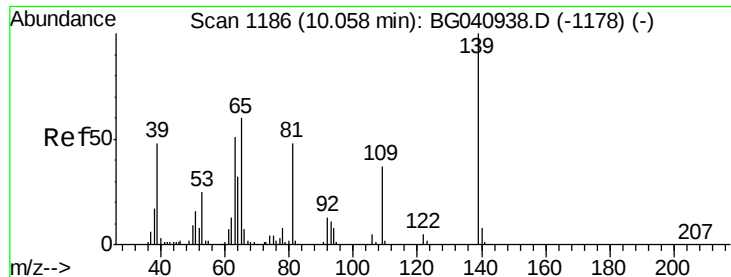
Tot Ion: 82
 Sig Exp Ratio
 82 100
 128 38.1
 54 55.7



#24
 Nitrobenzene
 Concen: 41.420 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.17 min
 Lab File: BG041233.D
 Acq: 13 Jun 2019 15:55

Tgt Ion: 77 Resp: 58
 Ion Ratio Lower Upper
 77 100
 123 0.0 30.6 46.0#
 65 0.0 12.3 18.5#





#26

2-Nitrophenol

Concen: 91.811 ng

RT: 9.39 min Scan# 1072

Delta R.T. -0.65 min

Lab File: BG041233.D

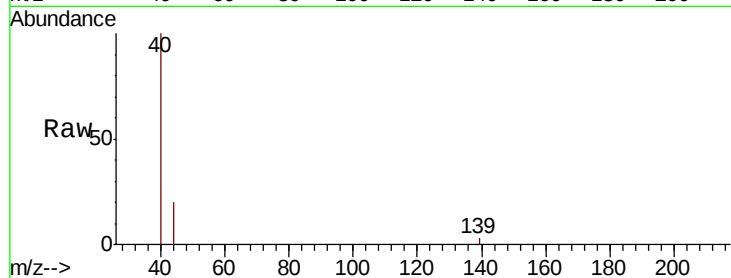
Acq: 13 Jun 2019 15:55

Instrument :

BNA_G

ClientSampleId :

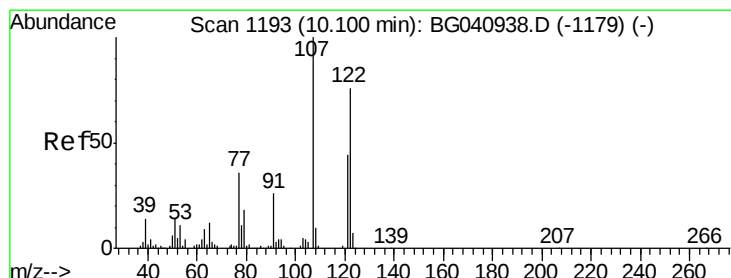
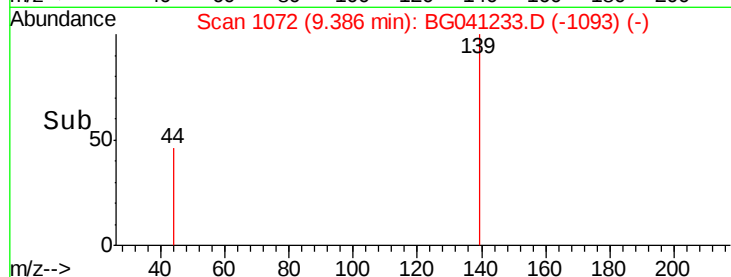
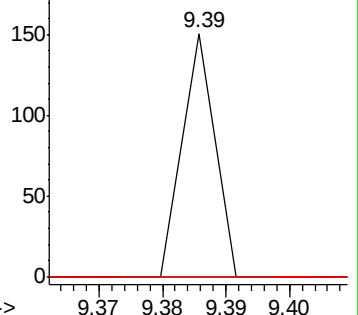
Tot Ion:	139	Resp:	53
Ion	Ratio	Lower	Upper
139	100		
109	0.0	29.8	44.6#
65	0.0	47.8	71.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#27

2,4-Dimethylphenol

Concen: 61.884 ng

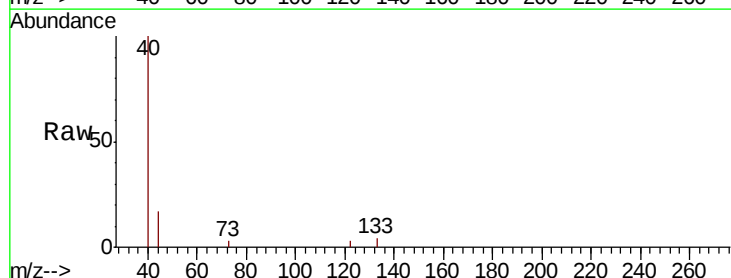
RT: 9.83 min Scan# 1148

Delta R.T. -0.25 min

Lab File: BG041233.D

Acq: 13 Jun 2019 15:55

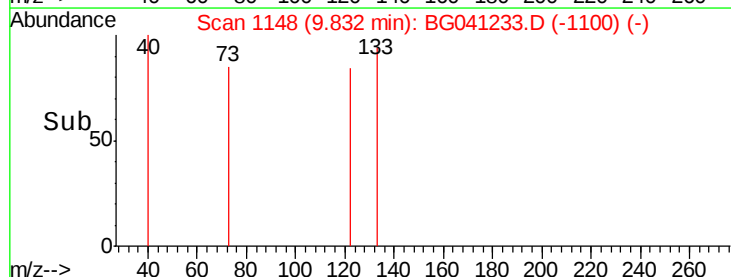
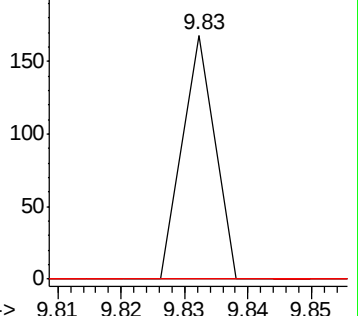
Tgt Ion:	122	Resp:	59
Ion	Ratio	Lower	Upper
122	100		
107	0.0	105.9	158.9#
121	0.0	46.2	69.4#

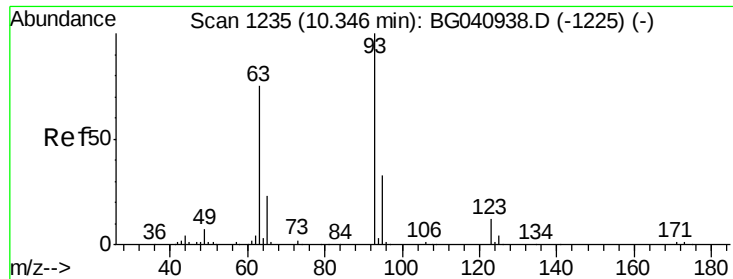


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

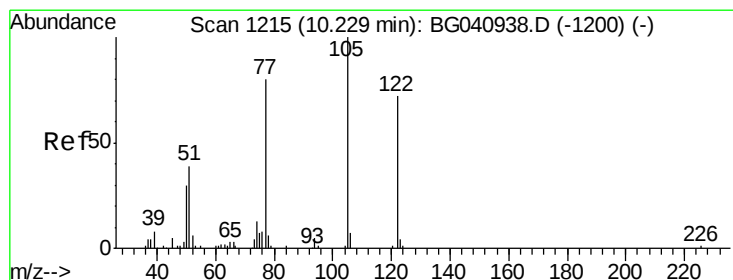
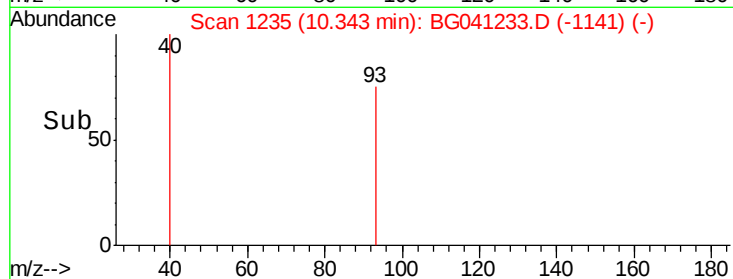
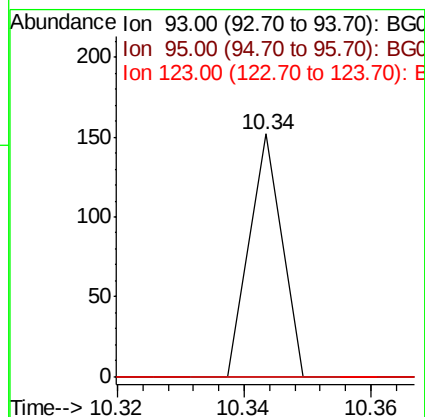
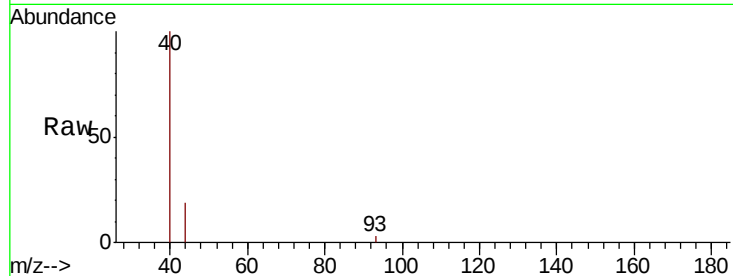




#28
bis(2-Chloroethoxy)methane
Concen: 38.261 ng
RT: 10.34 min Scan# 1235
Delta R.T. 0.02 min
Lab File: BG041233.D
Acq: 13 Jun 2019 15:55

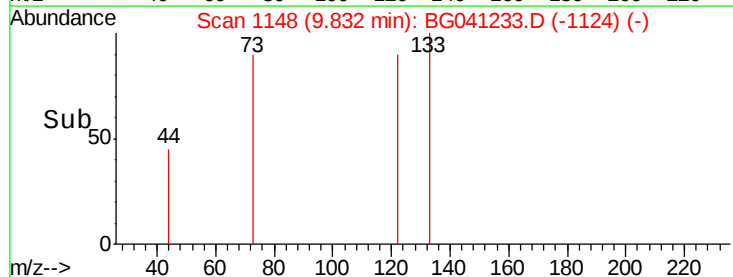
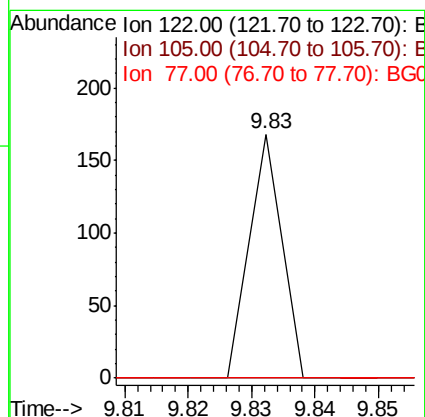
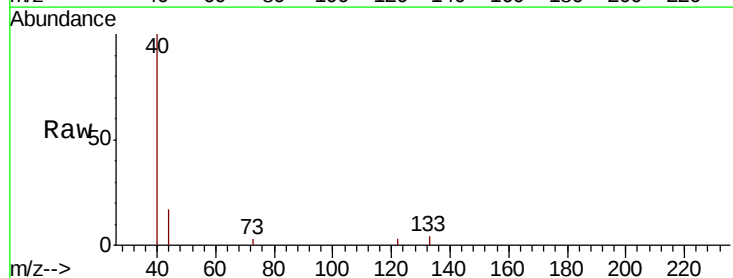
Instrument :
BNA_G
ClientSampleId :

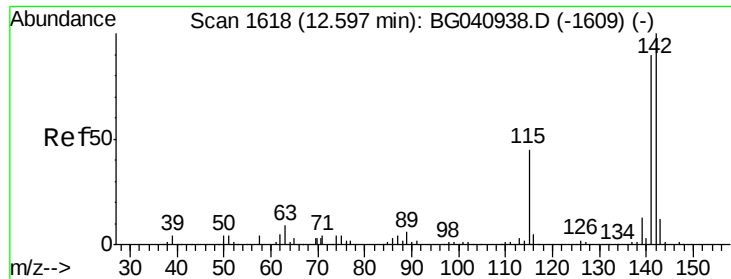
Tot Ion	Ratio	Lower	Upper
93	100		
95	0.0	26.2	39.2#
123	0.0	9.5	14.3#



#32
Benzoic acid
Concen: 74.236 ng
RT: 9.83 min Scan# 1148
Delta R.T. -0.39 min
Lab File: BG041233.D
Acq: 13 Jun 2019 15:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	114.8	154.8#
77	0.0	89.9	129.9#

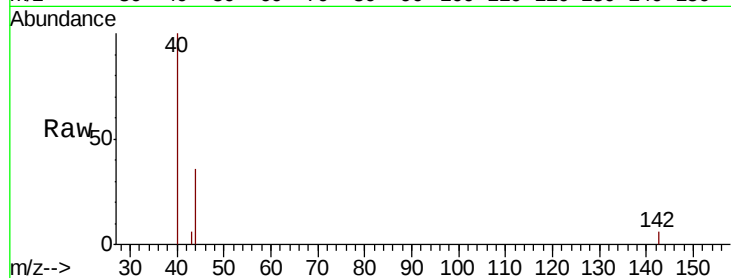




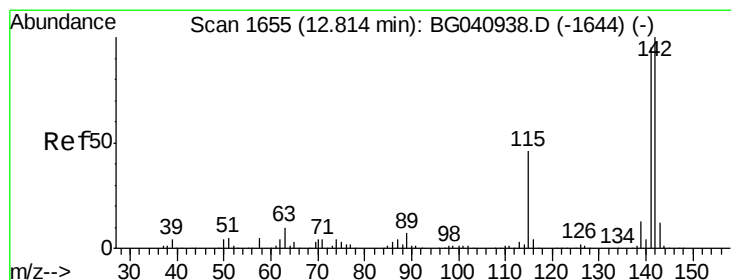
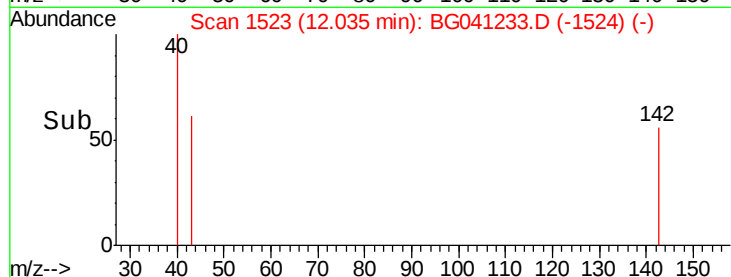
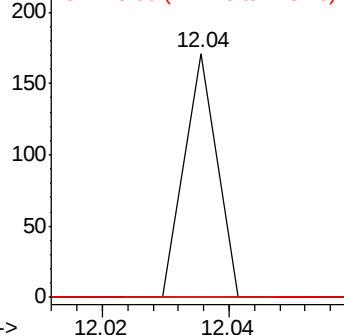
#37
2-Methylnaphthalene
Concen: 23.786 ng
RT: 12.04 min Scan# 1523
Delta R.T. -0.53 min
Lab File: BG041233.D
Acq: 13 Jun 2019 15:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 60
Ion Ratio Lower Upper
142 100
141 0.0 72.2 108.4#
115 0.0 36.2 54.4#

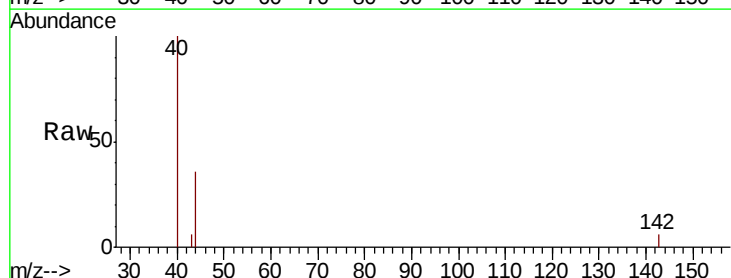


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

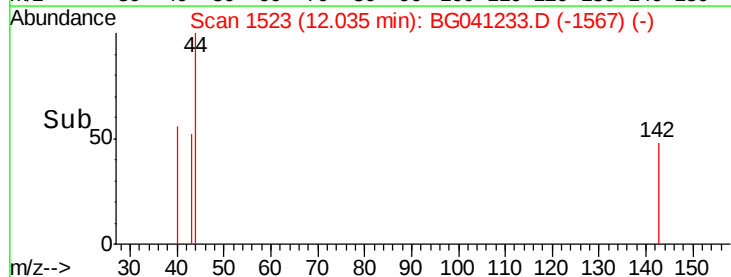
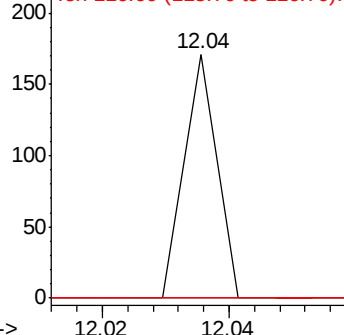


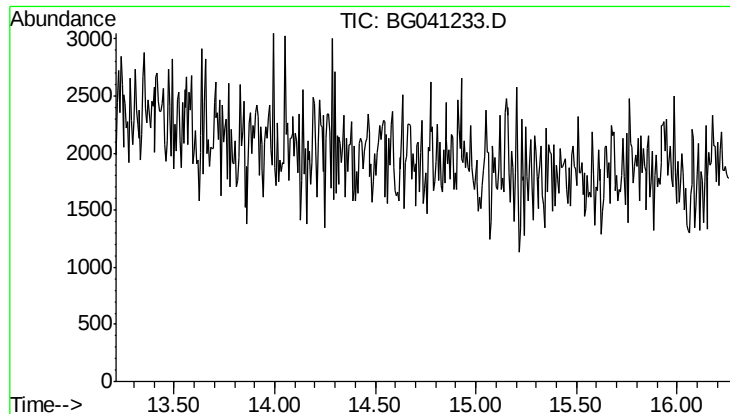
#38
1-Methylnaphthalene
Concen: 25.242 ng
RT: 12.04 min Scan# 1523
Delta R.T. -0.76 min
Lab File: BG041233.D
Acq: 13 Jun 2019 15:55

Tgt Ion:142 Resp: 60
Ion Ratio Lower Upper
142 100
141 0.0 75.7 113.5#
116 0.0 3.4 5.2#



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

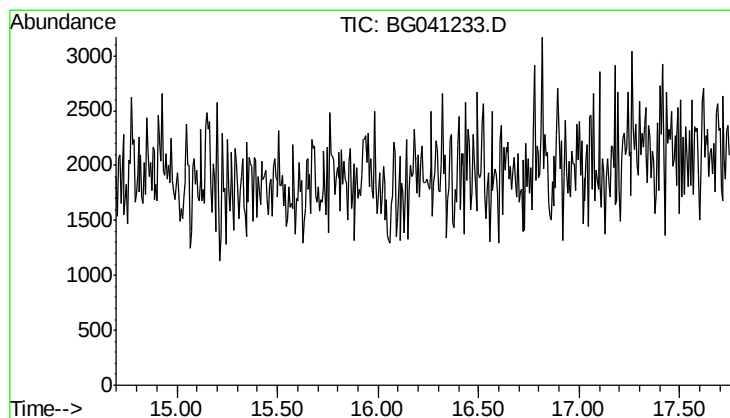
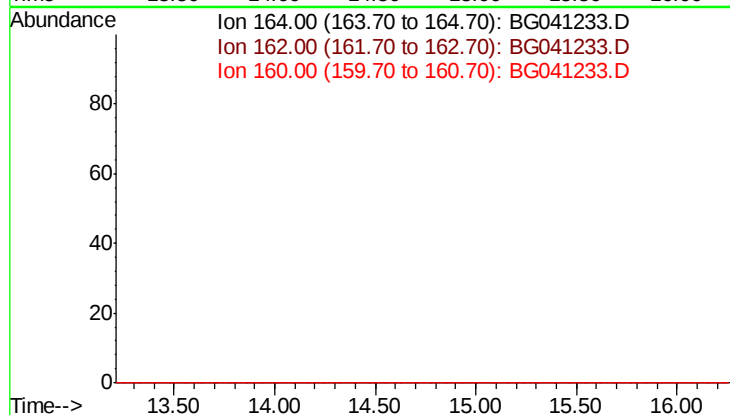




#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 14.74 min
 Lab File: BG041233.D
 Acq: 13 Jun 2019 15:55

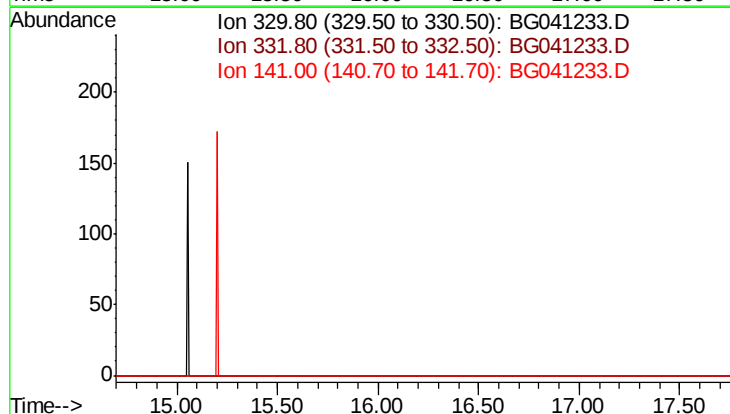
Instrument :
 BNA_G
 ClientSampleId :

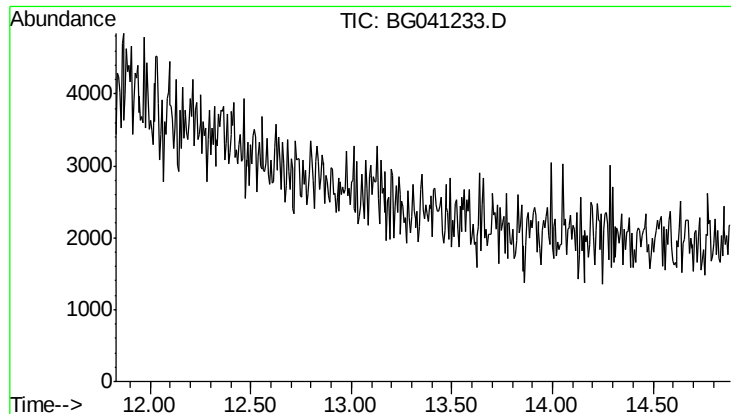
Tot Ion	164
Sig	Exp Ratio
164	100
162	103.7
160	44.5



#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 16.22 min
 Lab File: BG041233.D
 Acq: 13 Jun 2019 15:55

Tgt Ion	330
Sig	Exp Ratio
330	100
332	98.1
141	35.9

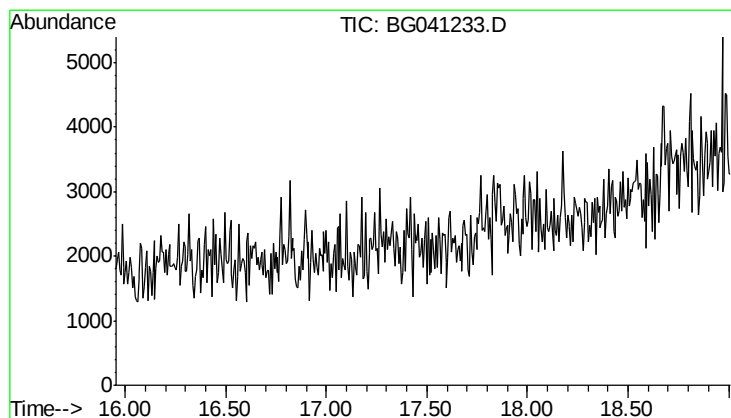
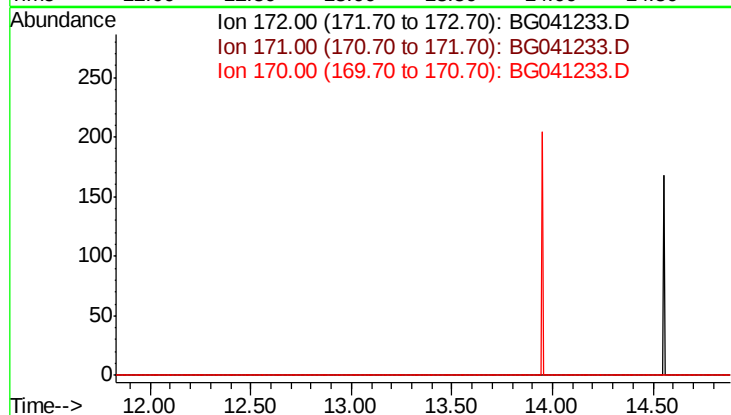




#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 13.36 min
 Lab File: BG041233.D
 Acq: 13 Jun 2019 15:55

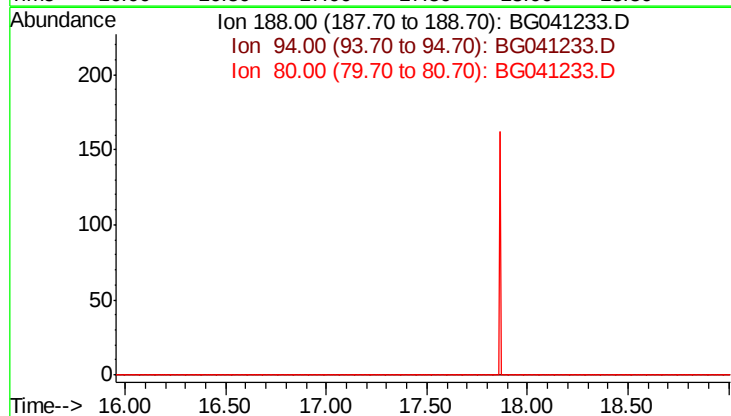
Instrument :
 BNA_G
 ClientSampleId :

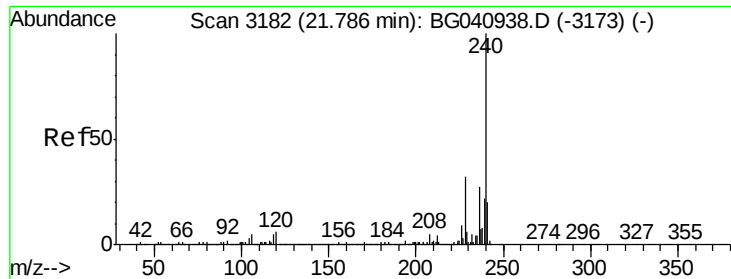
Tot Ion: 172
 Sig Exp Ratio
 172 100
 171 38.9
 170 25.6



#64
 Phenanthrene-d10
 Concen: 0.000 ng
 Expected RT: 17.48 min
 Lab File: BG041233.D
 Acq: 13 Jun 2019 15:55

Tgt Ion: 188
 Sig Exp Ratio
 188 100
 94 5.9
 80 7.3

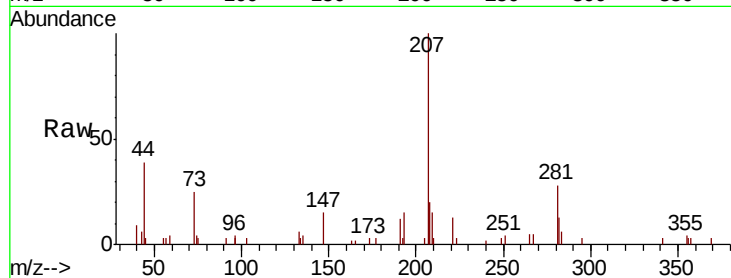




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.78 min Scan# 3182
 Delta R.T. 0.02 min
 Lab File: BG041233.D
 Acq: 13 Jun 2019 15:55

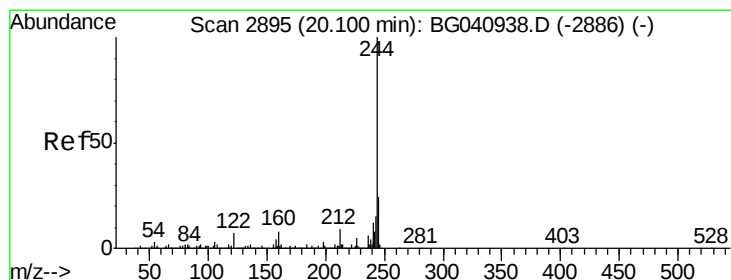
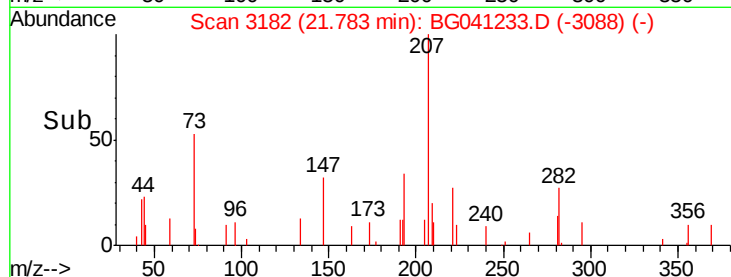
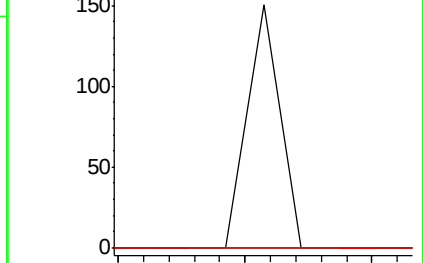
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	0.0	4.5	6.7#
236	0.0	21.3	31.9#



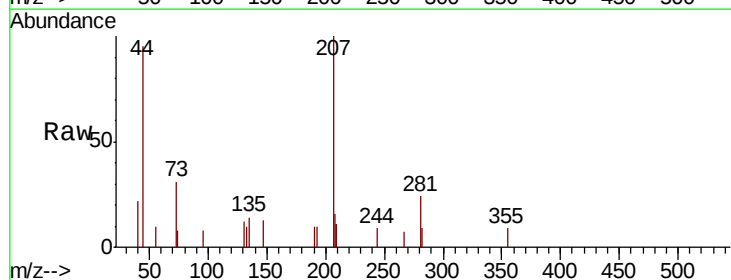
Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

21.78



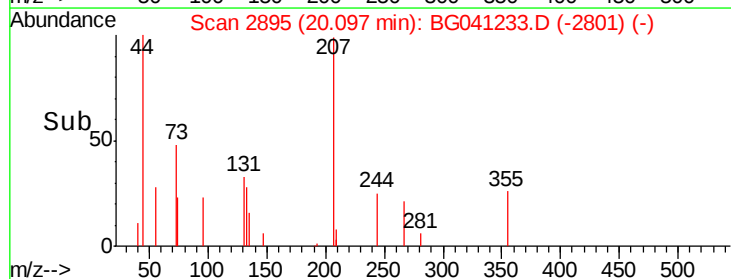
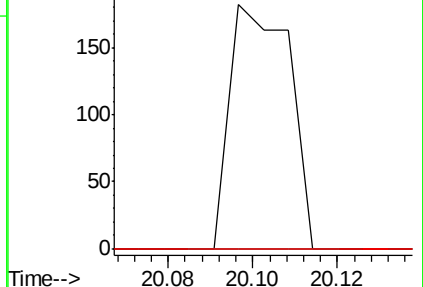
#79
 Terphenyl-d14
 Concen: 71.679 ng
 RT: 20.10 min Scan# 2895
 Delta R.T. 0.02 min
 Lab File: BG041233.D
 Acq: 13 Jun 2019 15:55

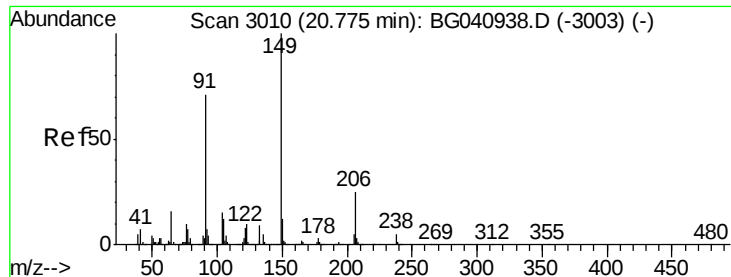
Tgt Ion	Ratio	Lower	Upper
244	100		
212	0.0	7.0	10.4#
122	0.0	5.4	8.0#



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

20.10





#80

Butylbenzylphthalate

Concen: 288.637 ng

RT: 20.77 min Scan# 3009

Delta R.T. 0.01 min

Lab File: BG041233.D

Acq: 13 Jun 2019 15:55

Instrument :

BNA_G

ClientSampled :

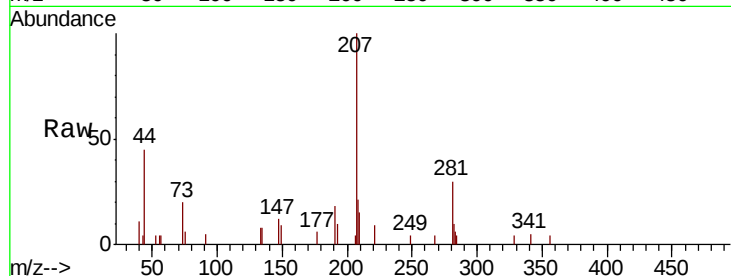
Tot Ion:149 Resp: 387

Ion Ratio Lower Upper

149 100

91 53.9 56.5 84.7#

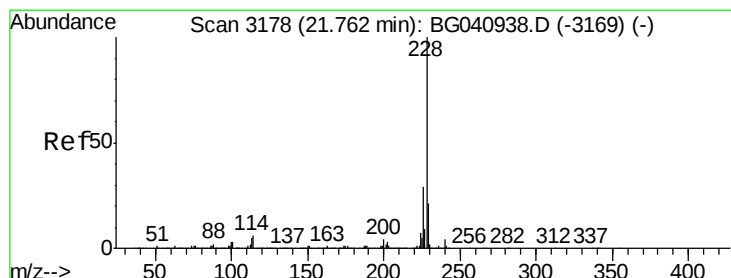
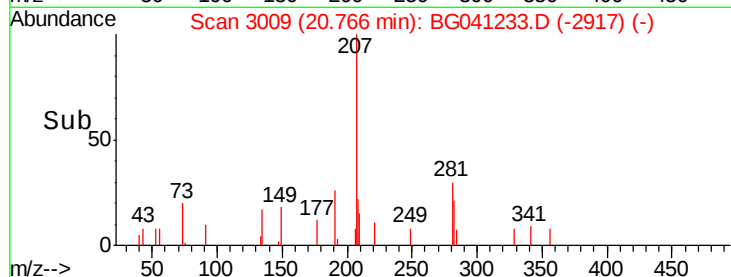
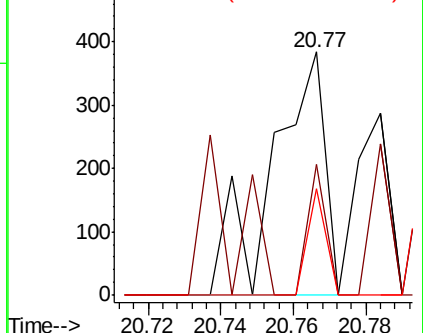
206 43.8 20.3 30.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E



#81

Benzo(a)anthracene

Concen: 72.846 ng

RT: 21.77 min Scan# 3180

Delta R.T. 0.04 min

Lab File: BG041233.D

Acq: 13 Jun 2019 15:55

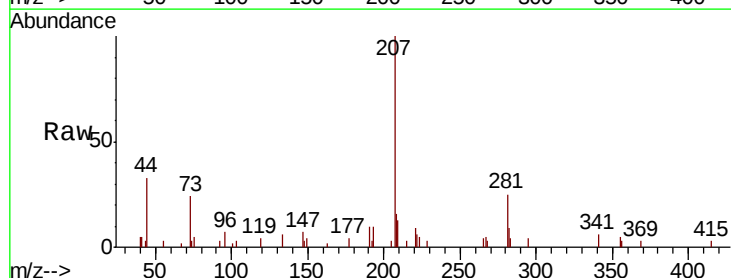
Tgt Ion:228 Resp: 257

Ion Ratio Lower Upper

228 100

226 0.0 23.5 35.3#

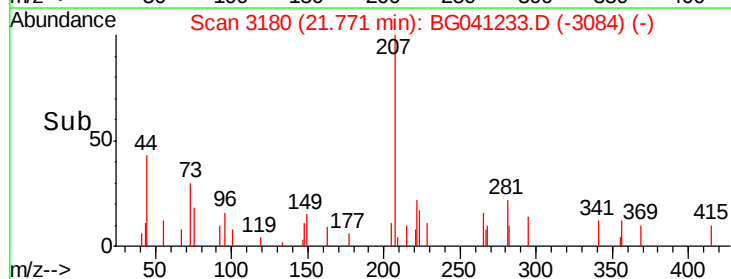
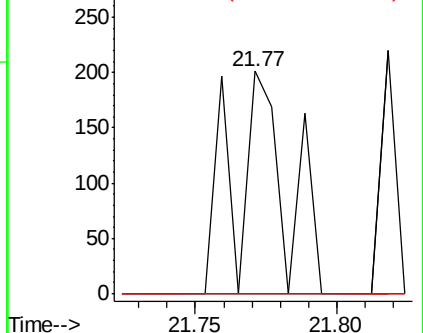
229 0.0 16.7 25.1#

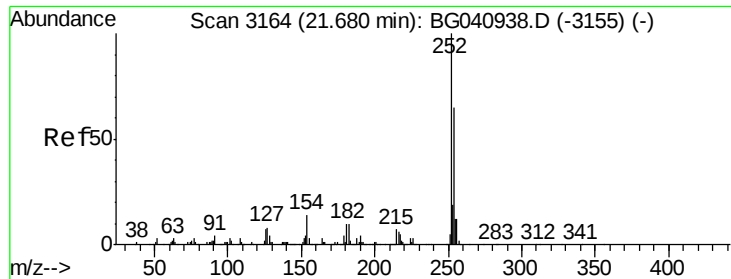


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

3,3'-Dichlorobenzidine

Concen: 105.570 ng

RT: 21.66 min Scan# 3161

Delta R.T. 0.01 min

Lab File: BG041233.D

Acq: 13 Jun 2019 15:55

Instrument :

BNA_G

ClientSampleId :

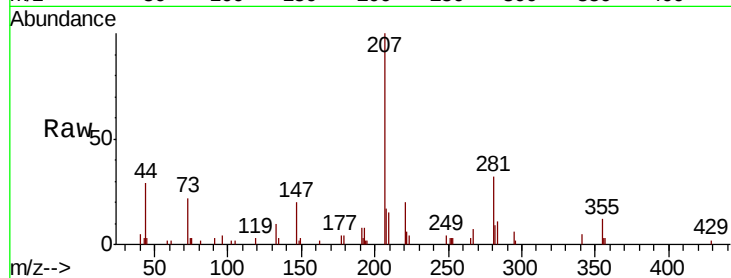
Tot Ion:252 Resp: 131

Ion Ratio Lower Upper

252 100

254 0.0 52.1 78.1#

126 0.0 5.5 8.3#

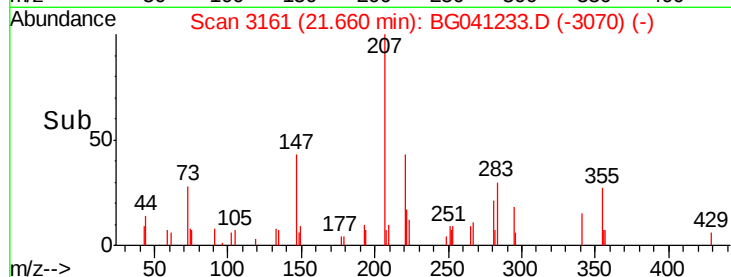


Abundance Ion 252.00 (251.70 to 252.70): E

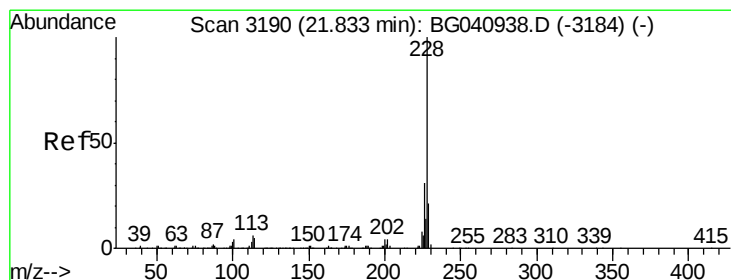
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

21.66



Time-->



#83

Chrysene

Concen: 46.799 ng

RT: 21.83 min Scan# 3190

Delta R.T. 0.02 min

Lab File: BG041233.D

Acq: 13 Jun 2019 15:55

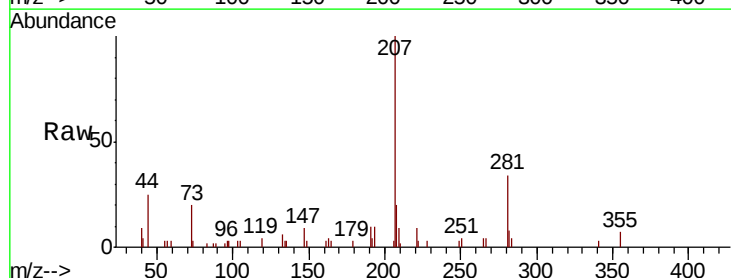
Tgt Ion:228 Resp: 158

Ion Ratio Lower Upper

228 100

226 0.0 24.6 37.0#

229 0.0 16.6 24.8#

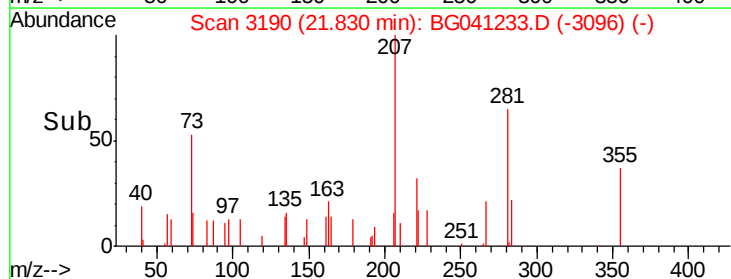


Abundance Ion 228.00 (227.70 to 228.70): E

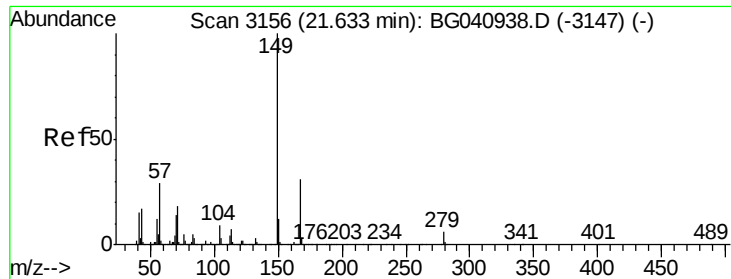
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.83



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 565.315 ng

RT: 21.61 min Scan# 3153

Delta R.T. 0.01 min

Lab File: BG041233.D

Acq: 13 Jun 2019 15:55

Instrument :

BNA_G

ClientSampleId :

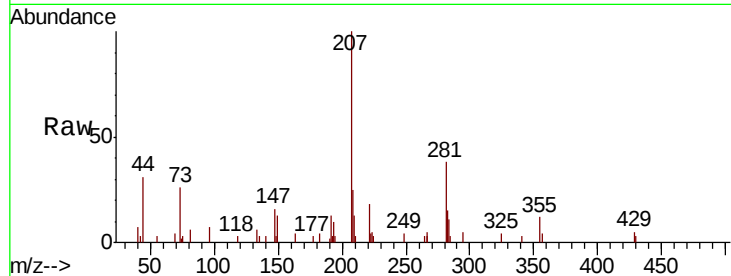
Tot Ion:149 Resp: 1067

Ion Ratio Lower Upper

149 100

167 0.0 24.6 37.0#

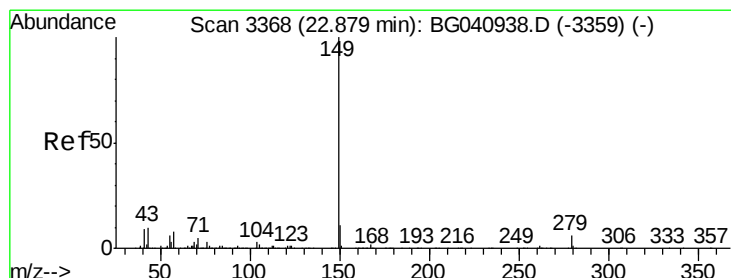
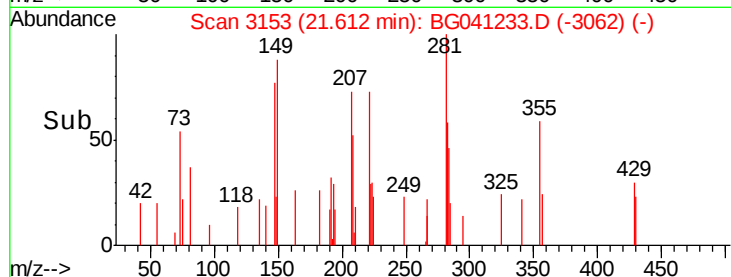
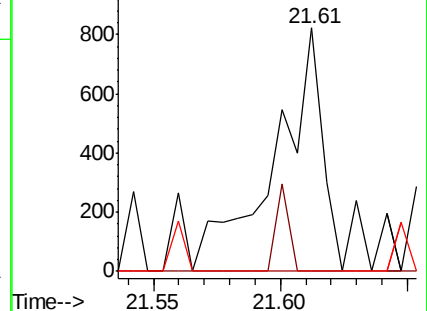
279 0.0 5.0 7.6#



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



#85

Di-n-octyl phthalate

Concen: 161.289 ng

RT: 22.85 min Scan# 3364

Delta R.T. 0.01 min

Lab File: BG041233.D

Acq: 13 Jun 2019 15:55

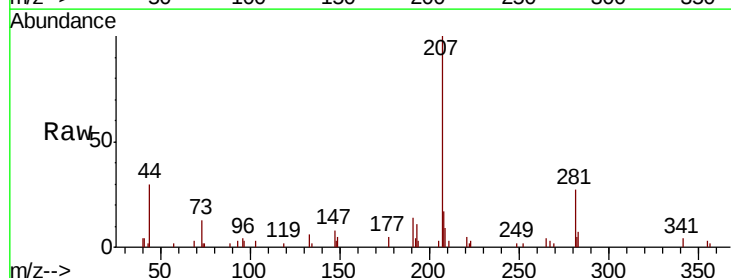
Tgt Ion:149 Resp: 507

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

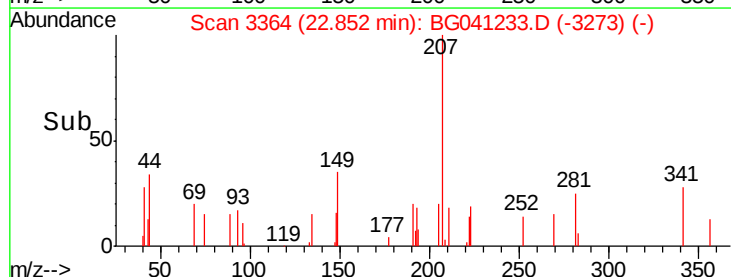
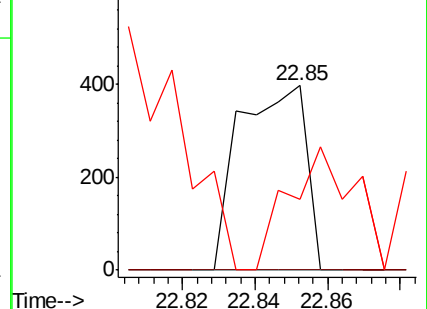
43 80.5 8.1 12.1#

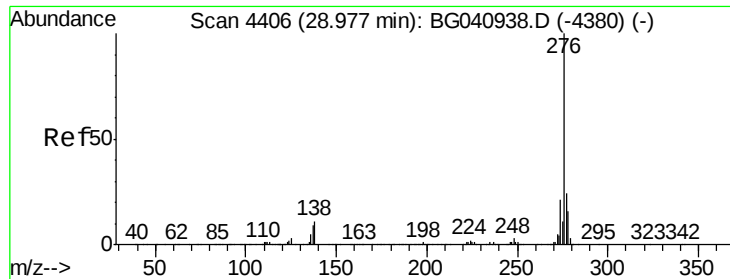


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#86

Indeno(1,2,3-cd)pyrene

Concen: 19.344 ng

RT: 28.86 min Scan# 4386

Delta R.T. -0.05 min

Lab File: BG041233.D

Acq: 13 Jun 2019 15:55

Instrument :

BNA_G

ClientSampleId :

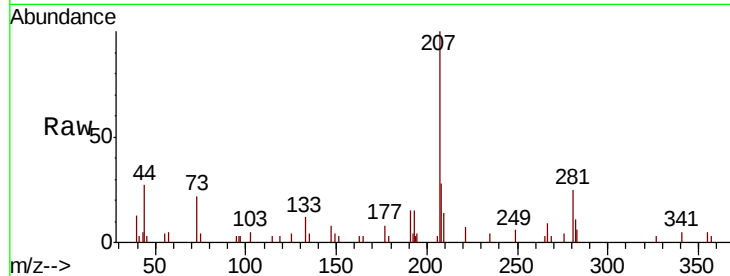
Tot Ion: 276 Resp: 80

Ion Ratio Lower Upper

276 100

138 0.0 5.7 8.5#

277 0.0 20.8 31.2#

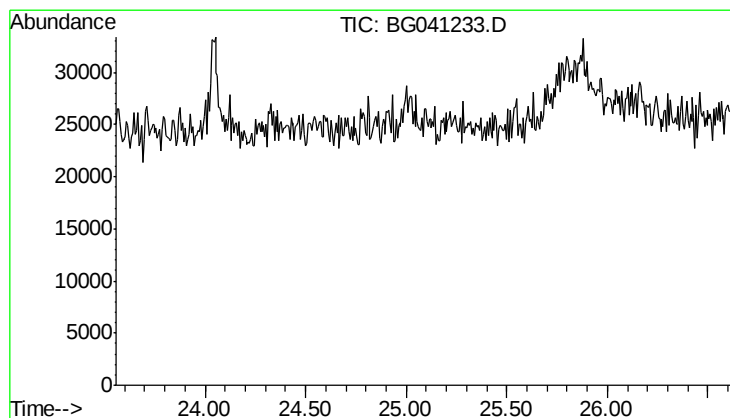
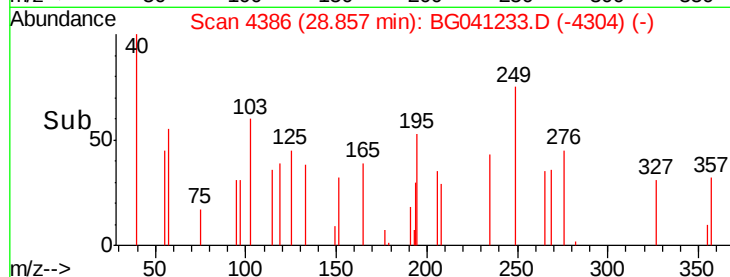
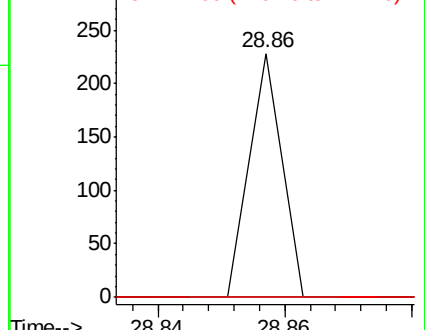


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 0.000 ng

Expected RT: 25.09 min

Lab File: BG041233.D

Acq: 13 Jun 2019 15:55

Tgt Ion: 264

Sig Exp Ratio

264 100

260 23.7

265 21.2

