

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
 Data File : BG041055.D
 Acq On : 4 Jun 2019 9:19
 Operator : HP/JU
 Sample : K3135-01 5X
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-COMP

Quant Time: Jun 04 11:09:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	56	20.00	ng	0.07
21) Naphthalene-d8	0.00	136	0	0.00	ng	-10.95
39) Acenaphthene-d10	14.67	164	69	20.00	ng	-0.09
64) Phenanthrene-d10	17.39	188	66	20.00	ng	-0.11
76) Chrysene-d12	21.65	240	666	20.00	ng	-0.14
87) Perylene-d12	24.98	264	614	20.00	ng	-0.15

System Monitoring Compounds

5) 2-Fluorophenol	5.73	112	61	19.64	ng	0.08
7) Phenol-d6	7.33	99	60	12.51	ng	0.06
23) Nitrobenzene-d5	9.31	82	233	0.00	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	13.64	172	59	12.31	ng	0.25
79) Terphenyl-d14	19.98	244	348	11.09	ng	-0.12

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.67	88	61	43.286	ng	# 1
3) Pyridine	3.97	79	144	34.533	ng	# 19
4) n-Nitrosodimethylamine	3.88	42	354	182.917	ng	# 1
6) Aniline	7.73	93	66	10.309	ng	# 40
8) 2-Chlorophenol	7.58	128	71	19.177	ng	# 28
9) Benzaldehyde	7.37	77	56	19.573	ng	# 1
10) Phenol	7.44	94	55	10.695	ng	# 31
11) bis(2-Chloroethyl)ether	7.73	93	66	17.691	ng	# 17
15) Benzyl Alcohol	8.48	79	70	15.777	ng	# 19
16) 2,2'-oxybis(1-Chloropropan	8.70	45	84	13.779	ng	# 69
17) 2-Methylphenol	8.66	107	57	15.309	ng	# 10
18) Hexachloroethane	9.25	117	66	38.257	ng	# 1
19) n-Nitroso-di-n-propylamine	9.01	70	73	19.778	ng	# 61
20) 3+4-Methylphenols	8.88	107	55	10.664	ng	# 6
43) 2,4,6-Trichlorophenol	12.93	196	70	38.908	ng	# 14
44) 2,4,5-Trichlorophenol	12.93	196	70	36.892	ng	# 18
46) 1,1'-Biphenyl	13.62	154	102	19.971	ng	# 75
47) 2-Chloronaphthalene	14.03	162	64	14.596	ng	# 39
48) 2-Nitroaniline	13.77	65	55	34.965	ng	# 11
49) Acenaphthylene	14.38	152	92	13.941	ng	# 59
50) Dimethylphthalate	14.11	163	70	11.985	ng	# 76
51) 2,6-Dinitrotoluene	14.26	165	57	45.262	ng	# 18
52) Acenaphthene	14.75	154	194	48.527	ng	# 2
53) 3-Nitroaniline	14.58	138	133	105.614	ng	# 1
54) 2,4-Dinitrophenol	14.87	184	68	95.605	ng	# 18
55) Dibenzofuran	15.06	168	61	9.068	ng	# 42
56) 4-Nitrophenol	14.86	139	118	136.611	ng	# 45
57) 2,4-Dinitrotoluene	15.03	165	56	31.480	ng	# 20
58) Fluorene	15.70	166	67	12.507	ng	# 94
59) 2,3,4,6-Tetrachlorophenol	15.67	232	71	38.076	ng	# 1
60) Diethylphthalate	15.52	149	166	27.849	ng	# 39
61) 4-Chlorophenyl-phenylether	15.89	204	60	17.231	ng	# 30
62) 4-Nitroaniline	15.74	138	129	96.760	ng	# 2
63) Azobenzene	15.99	77	343	63.311	ng	# 47

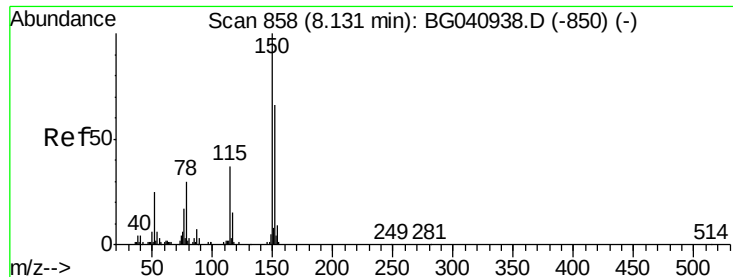
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
 Data File : BG041055.D
 Acq On : 4 Jun 2019 9:19
 Operator : HP/JU
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Quant Time: Jun 04 11:09:25 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) n-Nitrosodiphenylamine	15.90	169	60	32.339	nq	# 45
67) 4-Bromophenyl-phenylether	16.13	248	53	59.504	nq	# 9
68) Hexachlorobenzene	16.69	284	92	97.000	nq	# 43
69) Atrazine	16.78	200	56	78.224	nq	# 35
70) Pentachlorophenol	16.96	266	60	116.064	nq	# 18
71) Phenanthrene	17.43	178	57	16.580	nq	# 1
72) Anthracene	17.54	178	357	105.290	nq	# 1
73) Carbazole	17.80	167	402	138.177	nq	# 33
74) Di-n-butylphthalate	18.32	149	694	191.929	nq	# 22
75) Fluoranthene	19.72	202	492	115.865	nq	# 64
77) Benzidine	19.60	184	619	38.961	nq	# 1
78) Pyrene	19.80	202	404	9.331	nq	# 23
80) Butylbenzylphthalate	20.65	149	544	32.288	nq	# 63
81) Benzo(a)anthracene	21.60	228	196	4.421	nq	# 1
82) 3,3'-Dichlorobenzidine	21.54	252	372	23.857	nq	# 51
83) Chrysene	21.68	228	187	4.408	nq	# 1
84) Bis(2-ethylhexyl)phthalate	21.51	149	205	8.643	nq	# 50
85) Di-n-octyl phthalate	22.72	149	531	13.443	nq	# 1
86) Indeno(1,2,3-cd)pyrene	28.80	276	415	7.985	nq	# 79
88) Benzo(b)fluoranthene	23.89	252	501	13.453	nq	# 1
89) Benzo(k)fluoranthene	24.00	252	171	4.640	nq	# 1
90) Benzo(a)pyrene	24.81	252	356	10.019	nq	# 1
91) Dibenzo(a,h)anthracene	28.84	278	283	7.971	nq	# 1
92) Benzo(g,h,i)perylene	30.01	276	551	15.975	nq	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.07 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-COMP

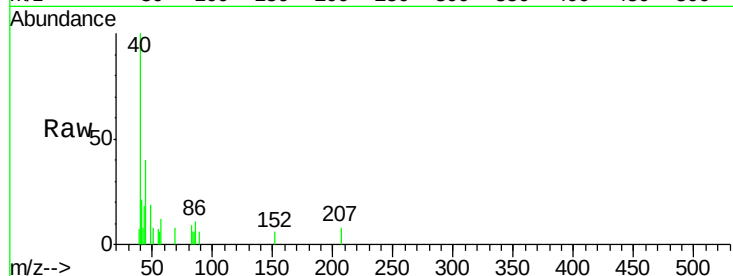
Tot Ion:152 Resp: 56

Ion Ratio Lower Upper

152 100

150 0.0 120.6 180.8#

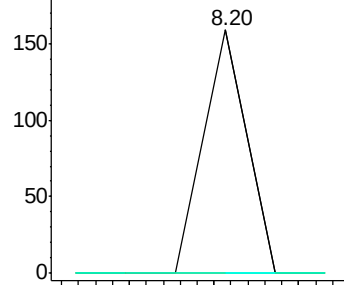
115 0.0 45.1 67.7#



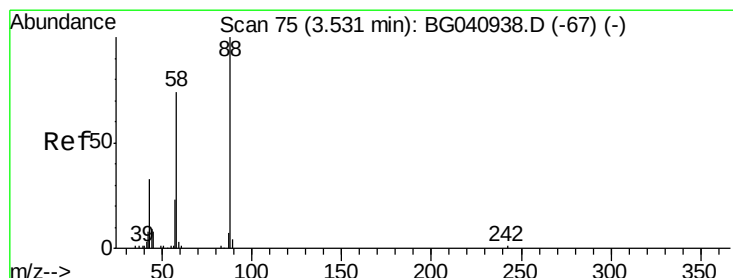
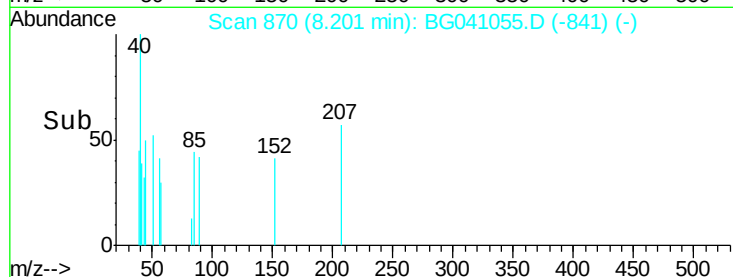
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 43.286 ng

RT: 3.67 min Scan# 99

Delta R.T. 0.14 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

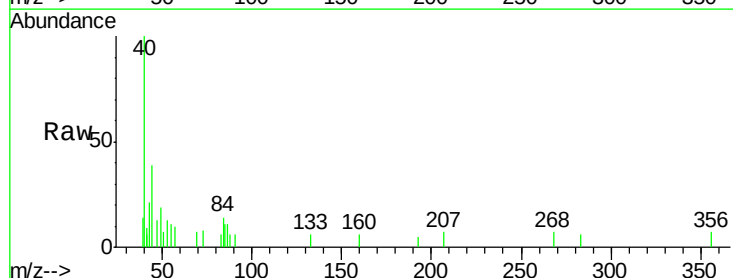
Tgt Ion: 88 Resp: 61

Ion Ratio Lower Upper

88 100

58 0.0 59.0 88.6#

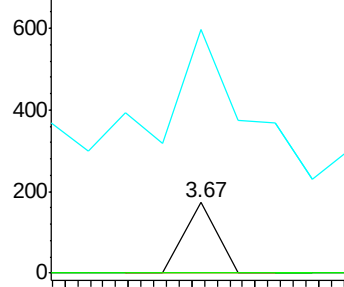
43 611.5 27.2 40.8#



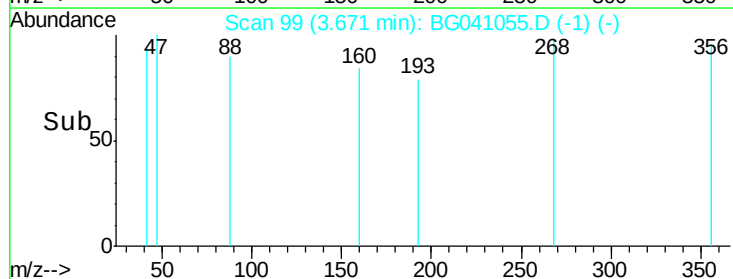
Abundance Ion 88.00 (87.70 to 88.70): BGC

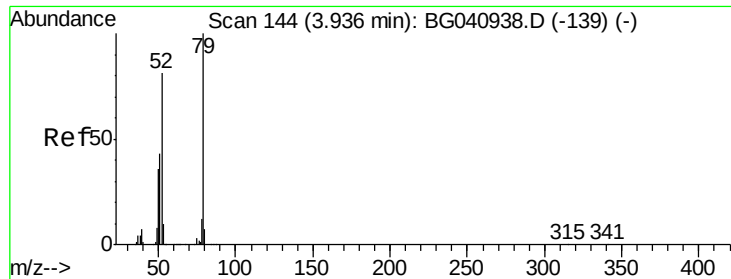
Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



Time-->





#3

Pvridine

Concen: 34.533 ng

RT: 3.97 min Scan# 150

Delta R.T. 0.03 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-COMP

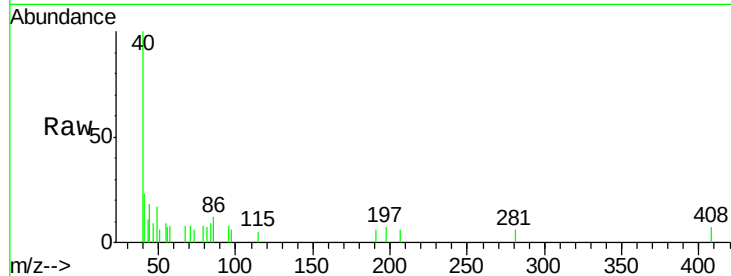
Tot Ion: 79 Resp: 144

Ion Ratio Lower Upper

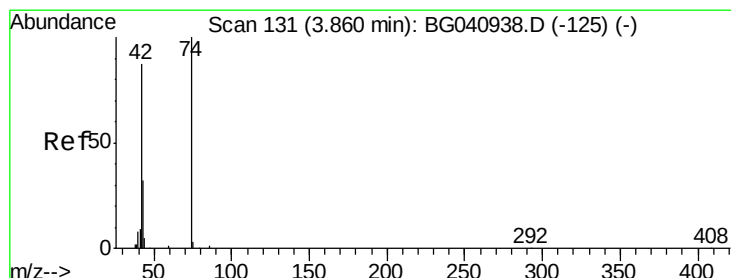
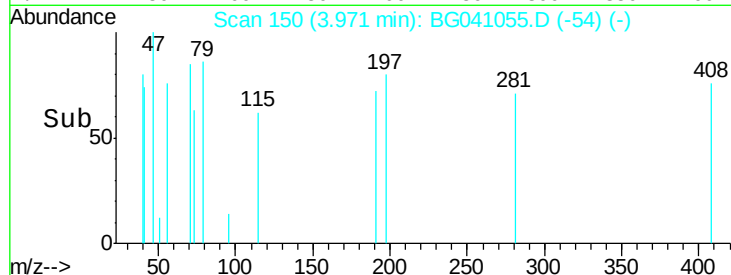
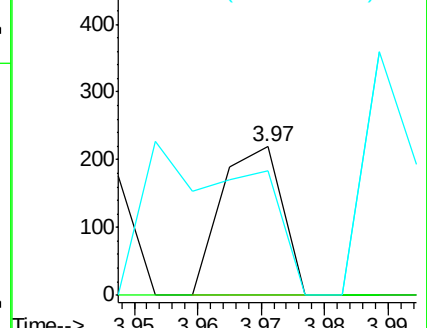
79 100

52 0.0 64.8 97.2#

51 84.0 35.3 52.9#



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



#4

n-Nitrosodimethylamine

Concen: 182.917 ng

RT: 3.88 min Scan# 135

Delta R.T. 0.02 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

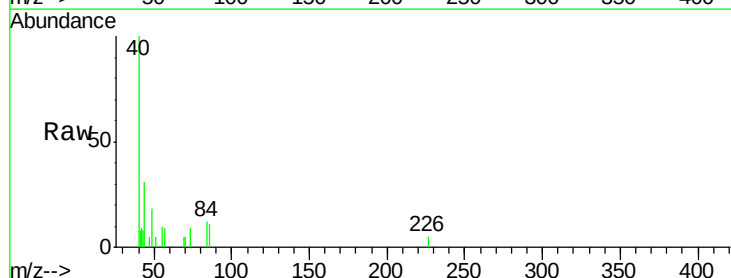
Tgt Ion: 42 Resp: 354

Ion Ratio Lower Upper

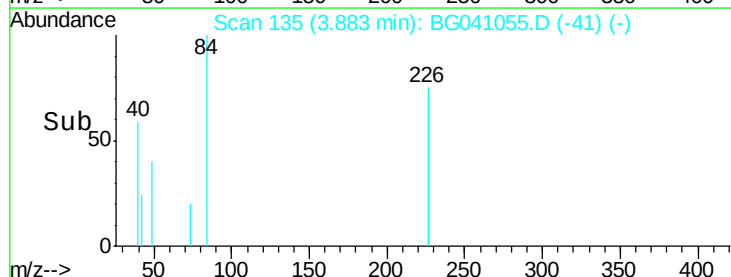
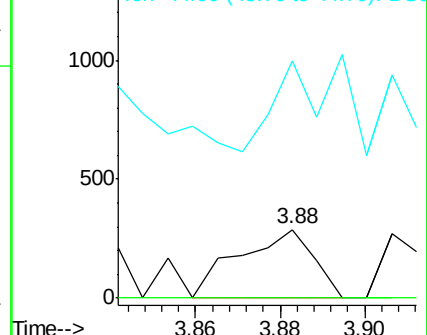
42 100

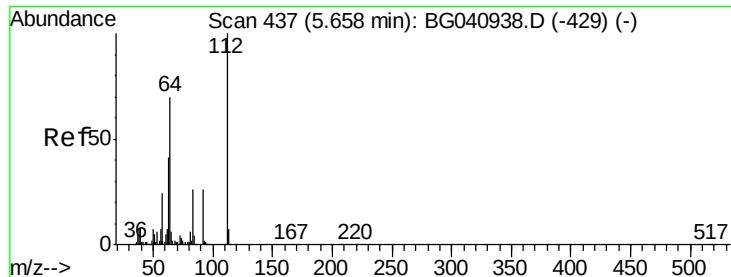
74 0.0 91.8 137.6#

44 345.8 6.0 9.0#



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





#5

2-Fluorophenol

Concen: 19.642 ng

RT: 5.73 min Scan# 450

Delta R.T. 0.08 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

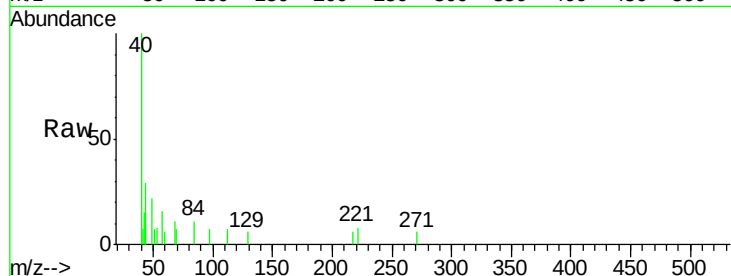
Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-COMP

Tot Ion	Ratio	Lower	Upper
112	100		
64	0.0	56.2	84.2#
63	0.0	32.8	49.2#

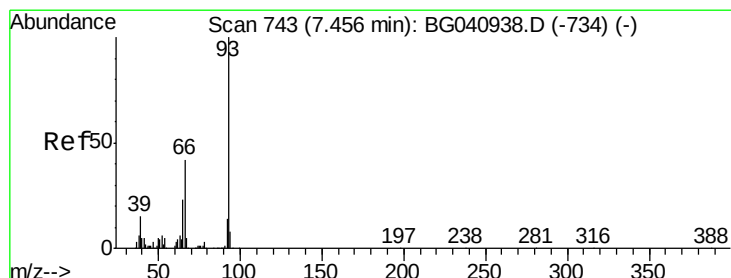
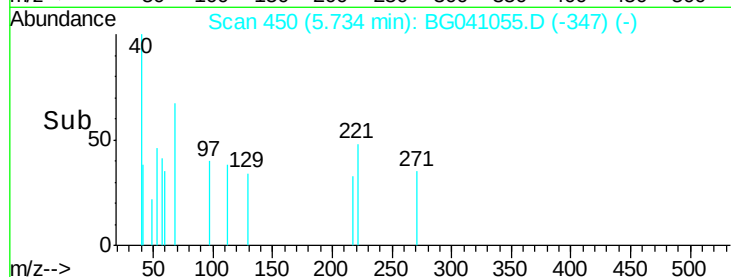
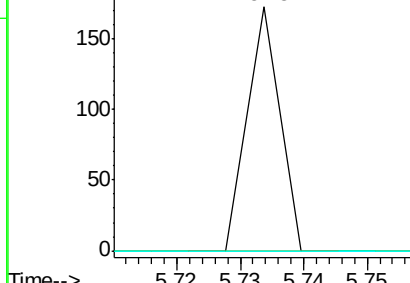


Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

5.73



#6

Aniline

Concen: 10.309 ng

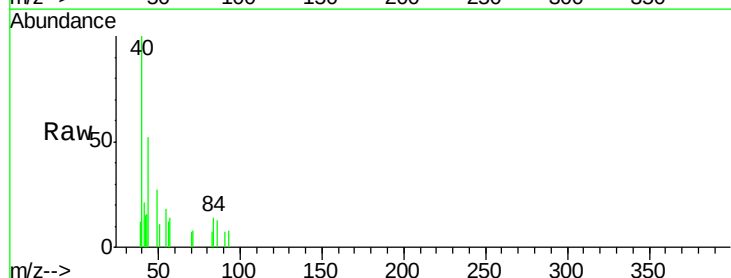
RT: 7.73 min Scan# 789

Delta R.T. 0.27 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

Tgt Ion	Ratio	Lower	Upper
93	100		
66	0.0	33.8	50.8#
65	0.0	18.3	27.5#

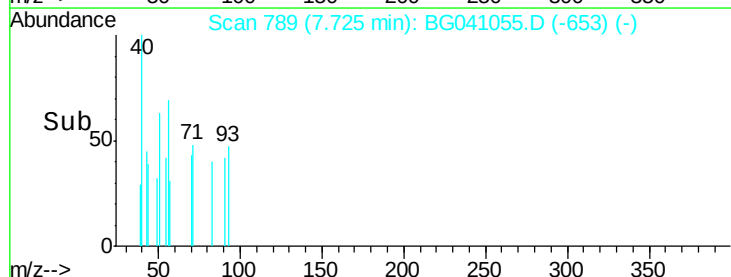
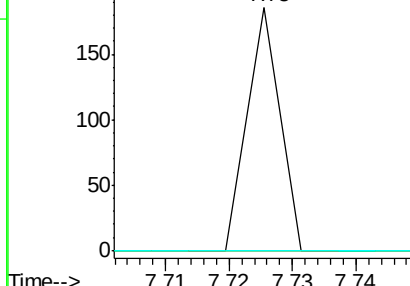


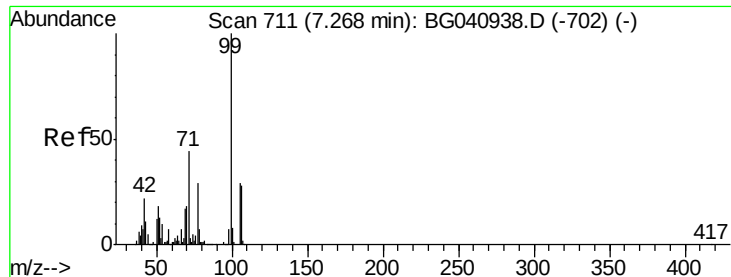
Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

7.73





#7

Phenol-d6

Concen: 12.510 ng

RT: 7.33 min Scan# 721

Delta R.T. 0.06 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-COMP

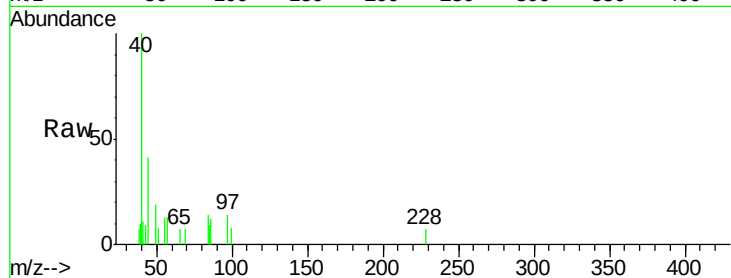
Tot Ion: 99 Resp: 60

Ion Ratio Lower Upper

99 100

42 0.0 17.9 26.9#

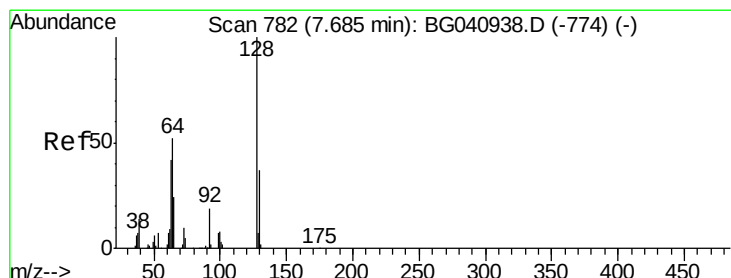
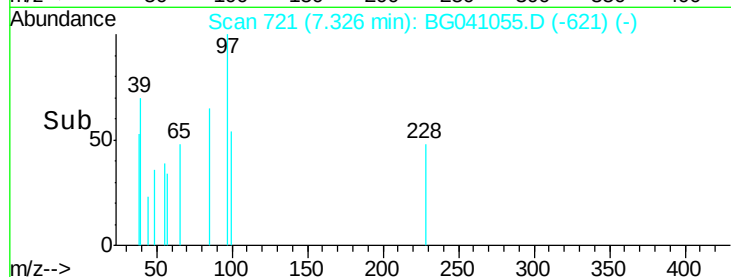
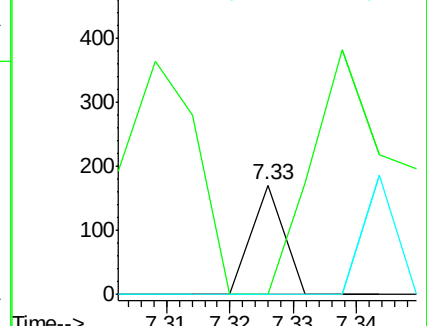
71 0.0 35.4 53.0#



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



#8

2-Chlorophenol

Concen: 19.177 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.10 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

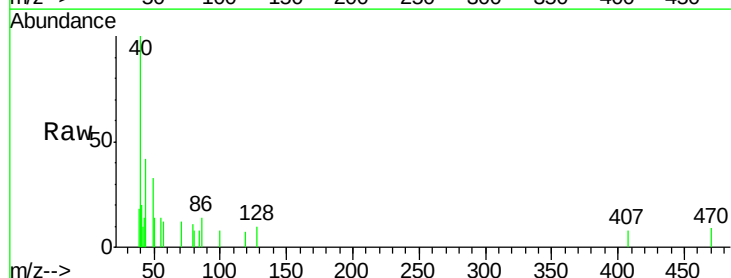
Tgt Ion: 128 Resp: 71

Ion Ratio Lower Upper

128 100

130 0.0 16.6 56.6#

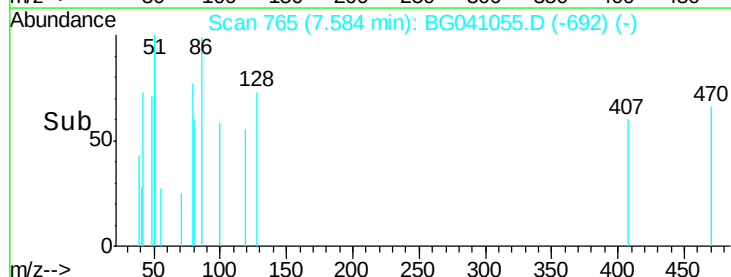
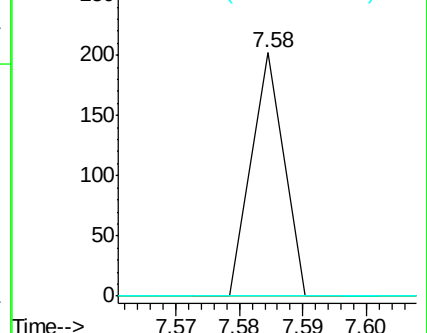
64 0.0 37.8 77.8#

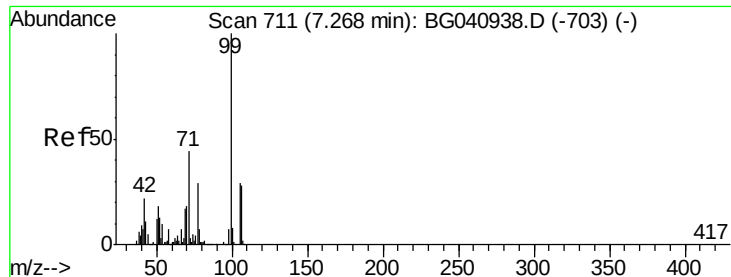


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 19.573 ng

RT: 7.37 min Scan# 729

Delta R.T. 0.11 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-COMP

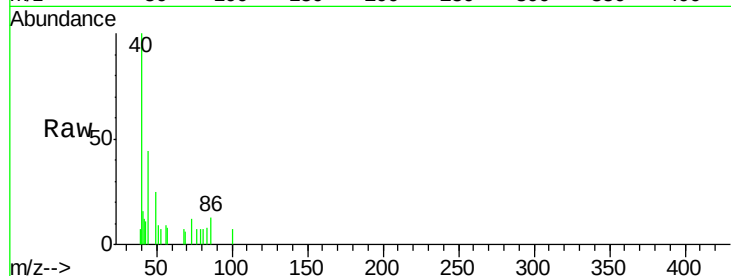
Tot Ion: 77 Resp: 56

Ion Ratio Lower Upper

77 100

105 0.0 78.9 118.9#

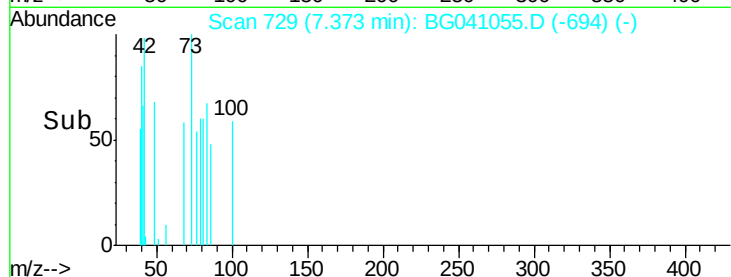
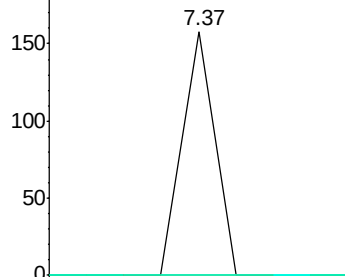
106 0.0 76.7 116.7#



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: 10.695 ng

RT: 7.44 min Scan# 741

Delta R.T. 0.15 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

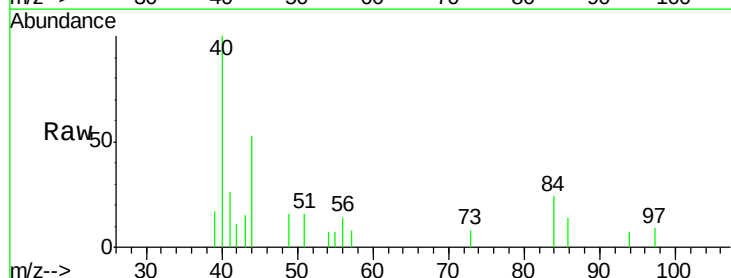
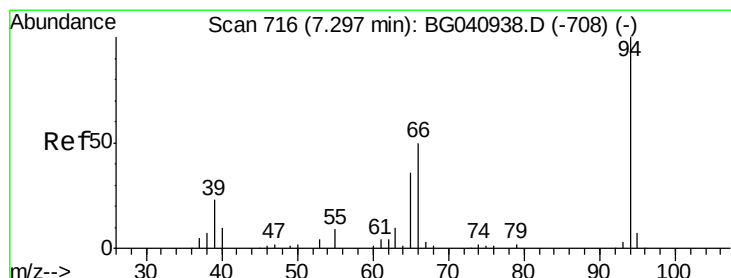
Tgt Ion: 94 Resp: 55

Ion Ratio Lower Upper

94 100

65 0.0 17.0 57.0#

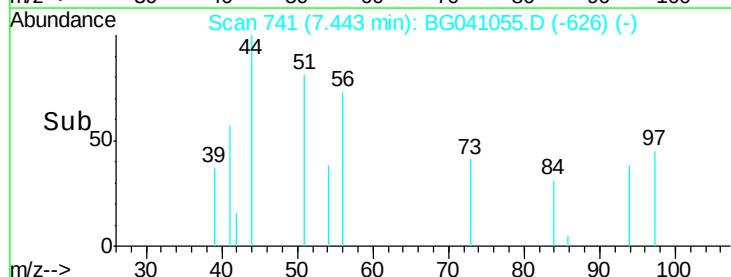
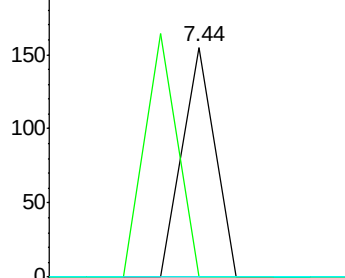
66 0.0 32.4 72.4#

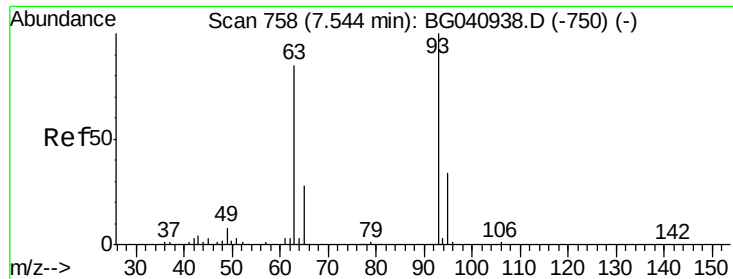


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 17.691 ng

RT: 7.73 min Scan# 789

Delta R.T. 0.18 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-COMP

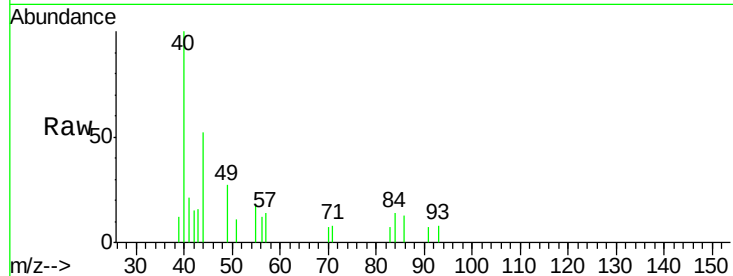
Tot Ion: 93 Resp: 66

Ion Ratio Lower Upper

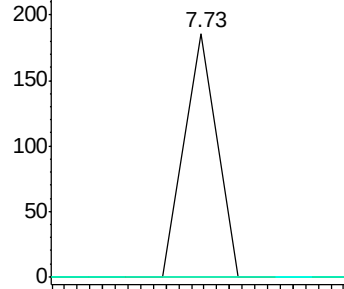
93 100

63 0.0 64.5 104.5#

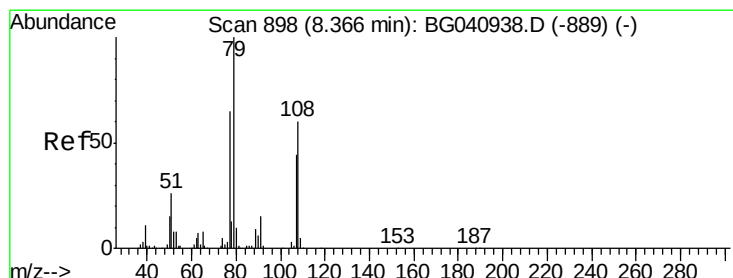
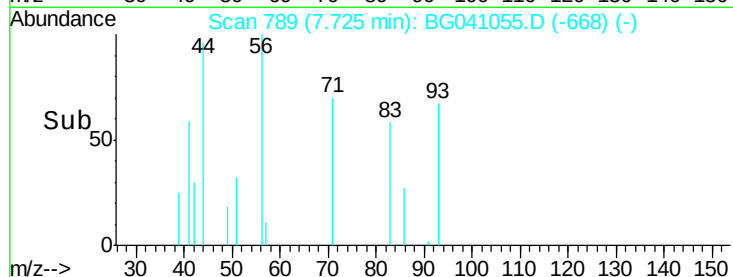
95 0.0 13.3 53.3#



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



Time-->



#15

Benzyl Alcohol

Concen: 15.777 ng

RT: 8.48 min Scan# 917

Delta R.T. 0.11 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

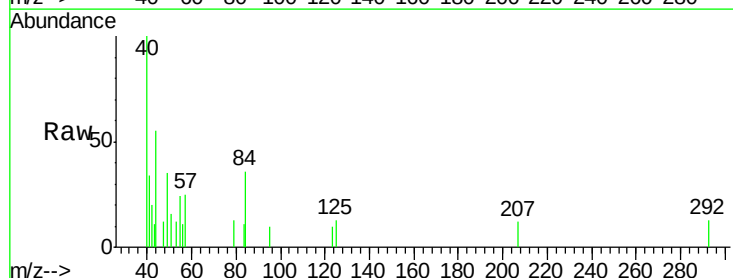
Tgt Ion: 79 Resp: 70

Ion Ratio Lower Upper

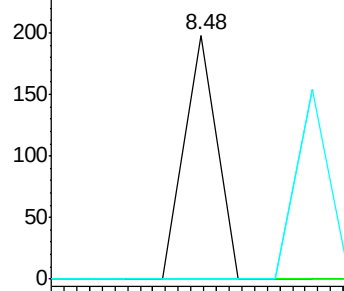
79 100

108 0.0 48.3 72.5#

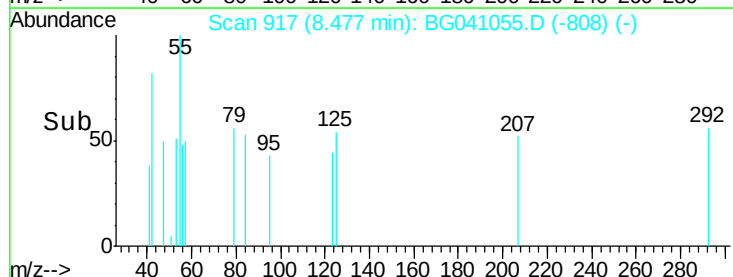
77 0.0 52.3 78.5#

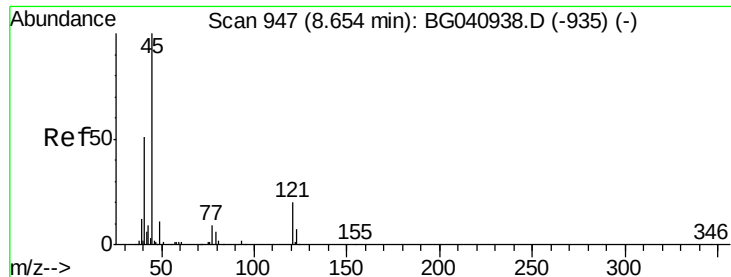


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



Time-->

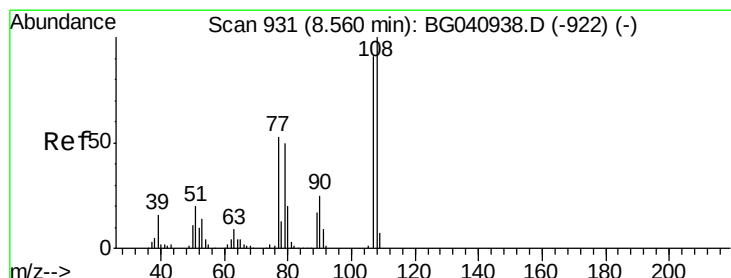
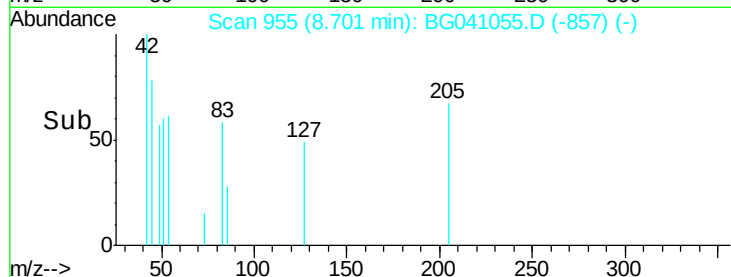
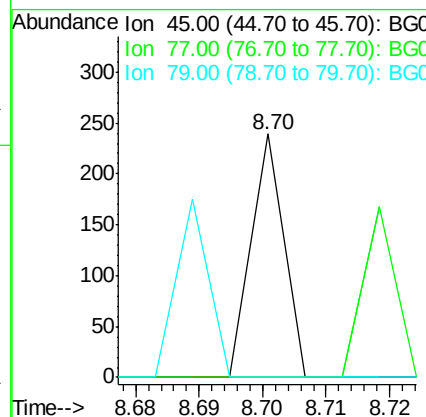
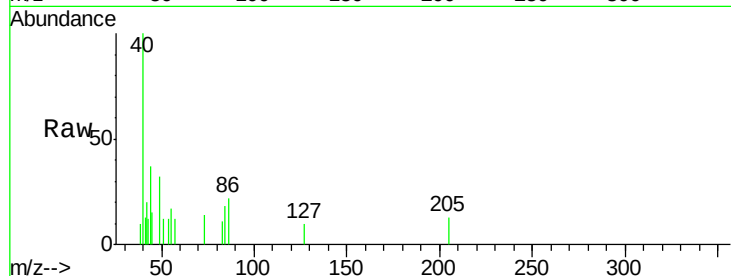




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 13.779 ng
RT: 8.70 min Scan# 955
Delta R.T. 0.05 min
Lab File: BG041055.D
Acq: 4 Jun 2019 9:19

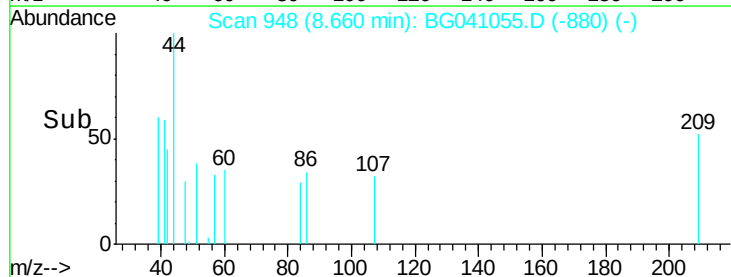
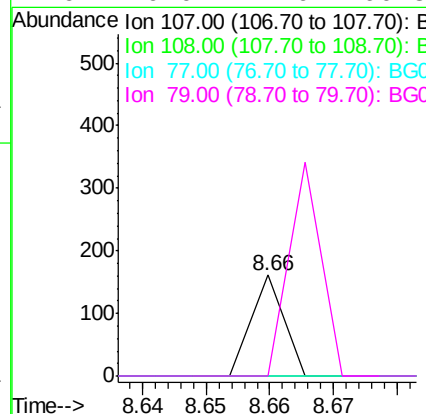
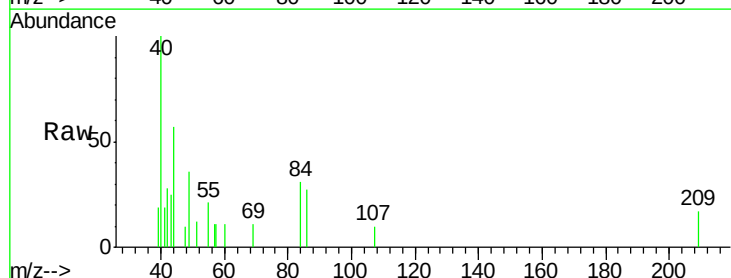
Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-COMP

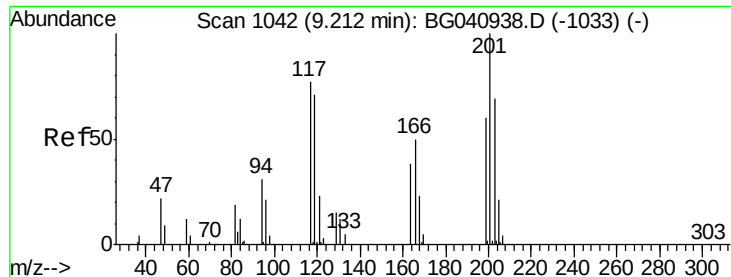
Tot Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	33.7
79	0.0	0.0	30.2



#17
2-Methylphenol
Concen: 15.309 ng
RT: 8.66 min Scan# 948
Delta R.T. 0.10 min
Lab File: BG041055.D
Acq: 4 Jun 2019 9:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	0.0	87.7	131.5#
77	0.0	46.6	70.0#
79	0.0	44.6	66.8#





#18

Hexachloroethane

Concen: 38.257 ng

RT: 9.25 min Scan# 1048

Delta R.T. 0.03 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

Instrument :

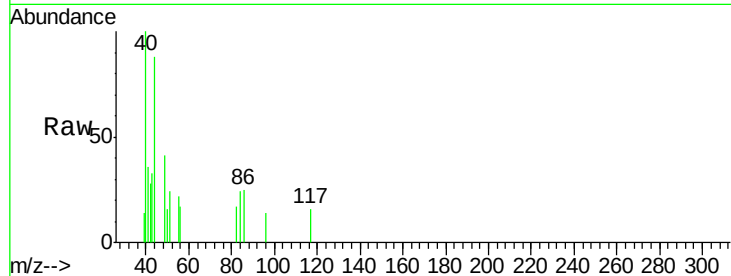
BNA_G

ClientSampleId :

ROLL-OFF-COMP

Tot Ion:117 Resp: 66

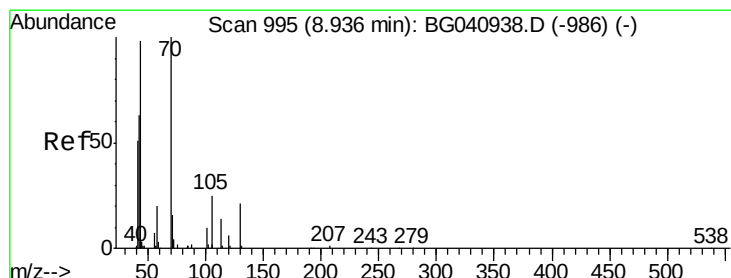
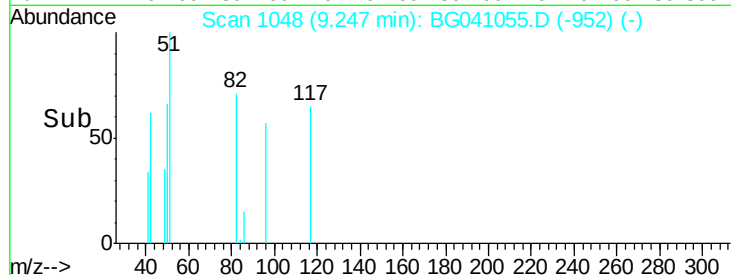
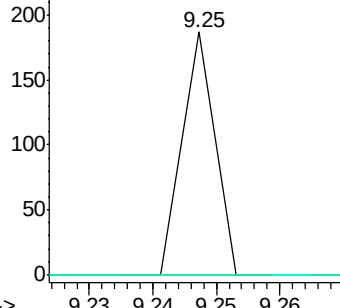
Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.0	112.6#
201	0.0	103.5	155.3#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 19.778 ng

RT: 9.01 min Scan# 1008

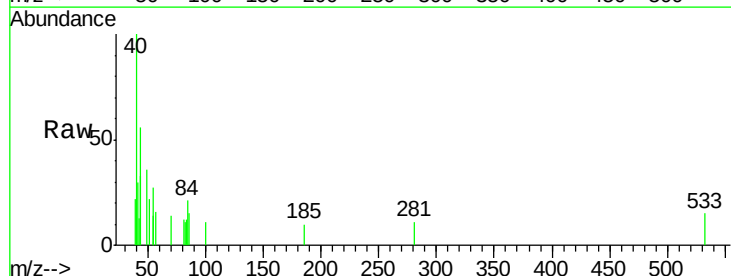
Delta R.T. 0.08 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

Tgt Ion: 70 Resp: 73

Ion	Ratio	Lower	Upper
70	100		
42	94.7	51.5	77.3#
101	0.0	8.1	12.1#
130	0.0	16.6	24.8#

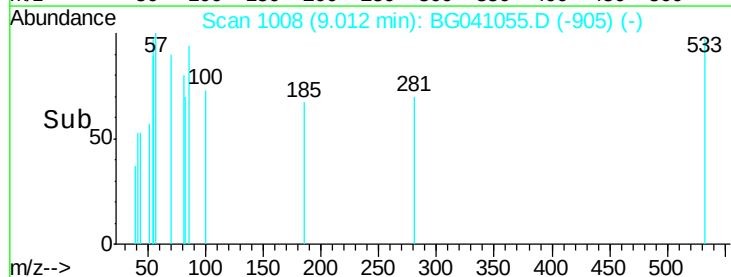
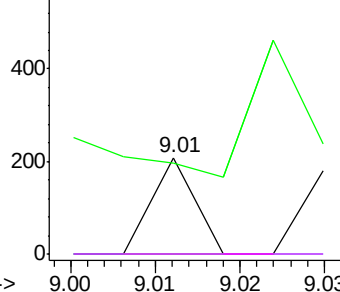


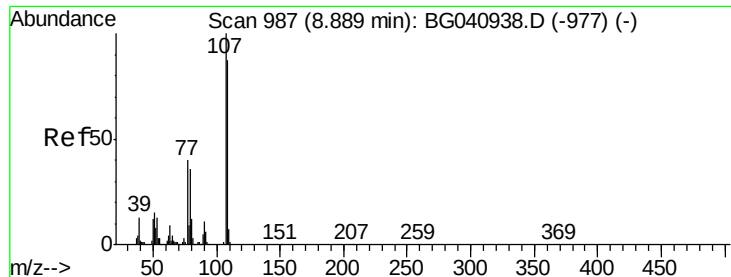
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC





#20

3+4-Methylphenols

Concen: 10.664 ng

RT: 8.88 min Scan# 985

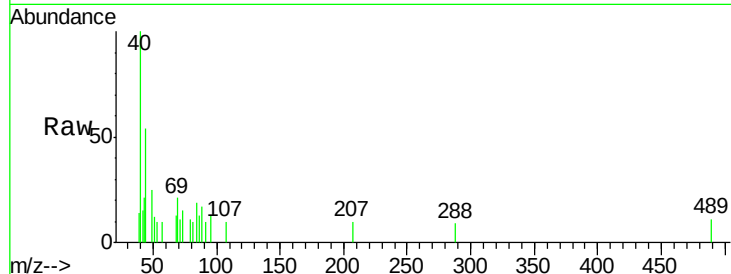
Delta R.T. -0.01 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-COMP

Tot Ion	Ratio	Lower	Upper
107	100		
108	0.0	66.8	106.8#
77	0.0	20.5	60.5#
79	110.9	15.8	55.8#



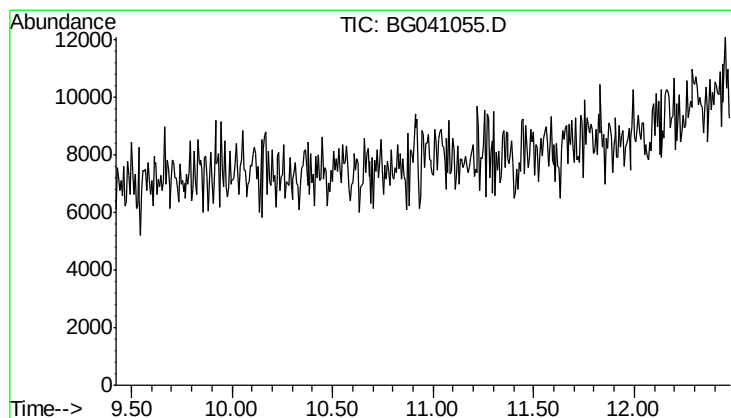
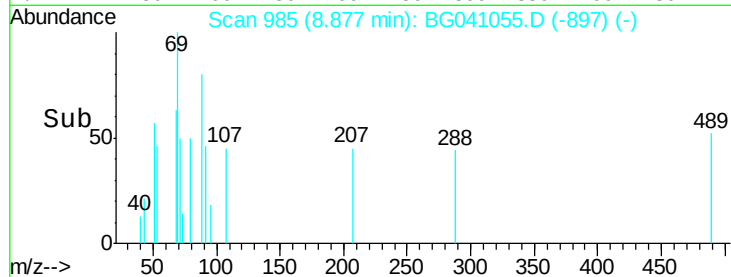
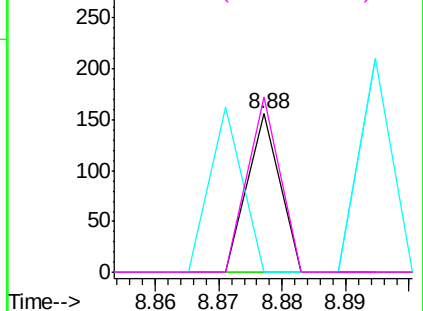
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21

Naphthalene-d8

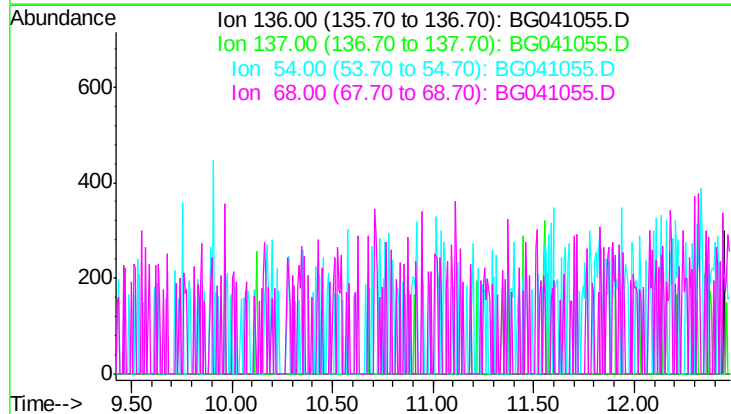
Concen: 0.000 ng

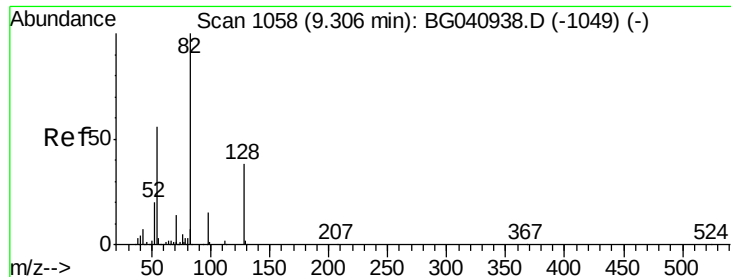
Expected RT: 10.95 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

Tgt Ion	Sig	Exp Ratio
136	100	
137	11.9	
54	9.5	
68	4.9	

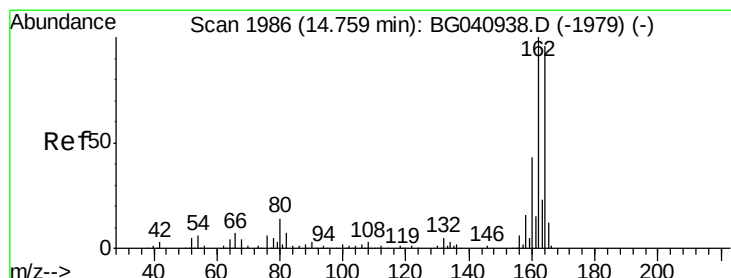
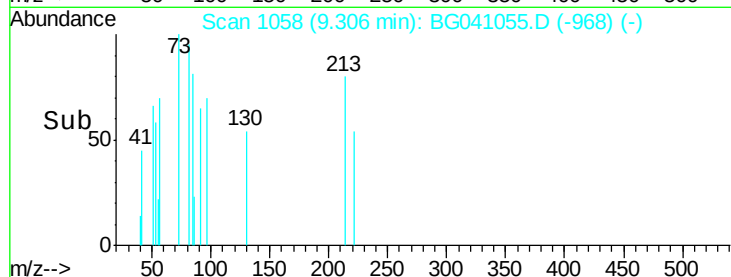
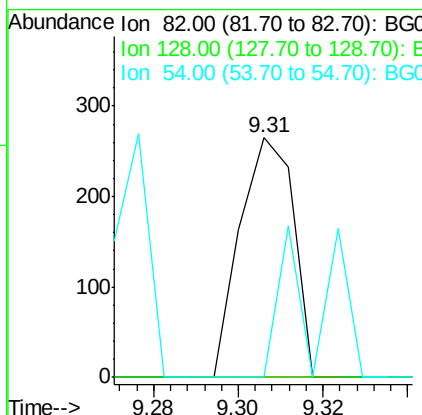
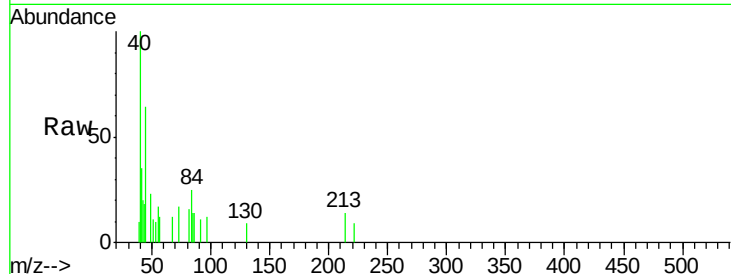




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 RT: 9.31 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BG041055.D
 Acq: 4 Jun 2019 9:19

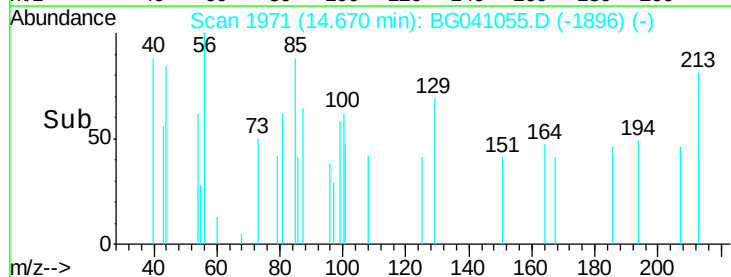
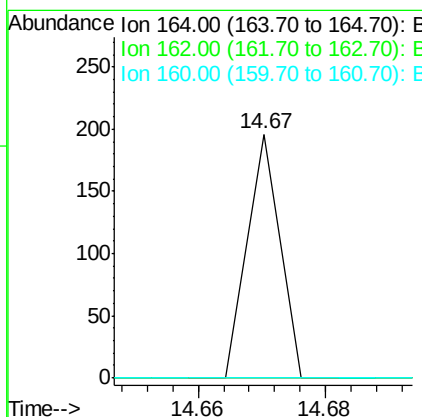
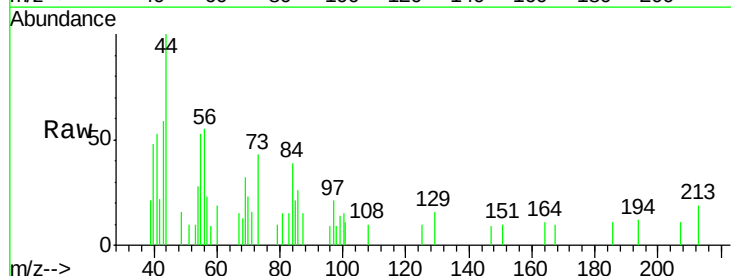
Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-COMP

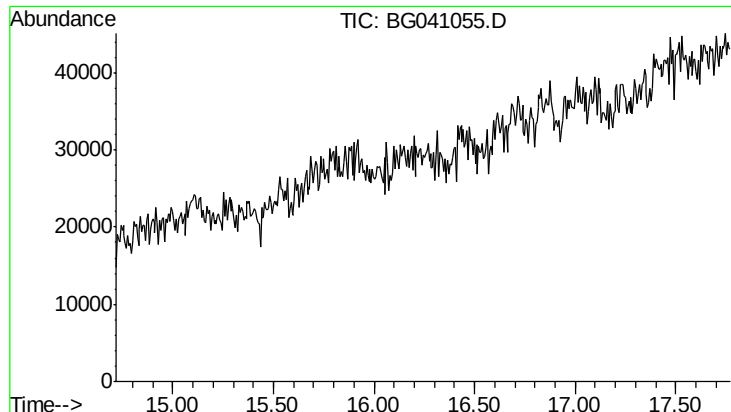
Tot Ion: 82 Resp: 233
 Ion Ratio Lower Upper
 82 100
 128 0.0 30.5 45.7#
 54 0.0 44.6 66.8#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.09 min
 Lab File: BG041055.D
 Acq: 4 Jun 2019 9:19

Tgt Ion: 164 Resp: 69
 Ion Ratio Lower Upper
 164 100
 162 0.0 83.0 124.4#
 160 0.0 35.6 53.4#





#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 16.25 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-COMP

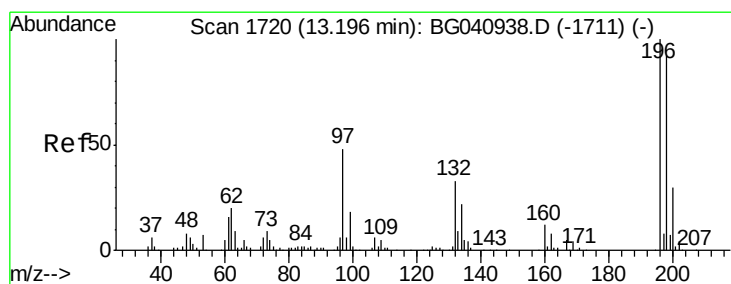
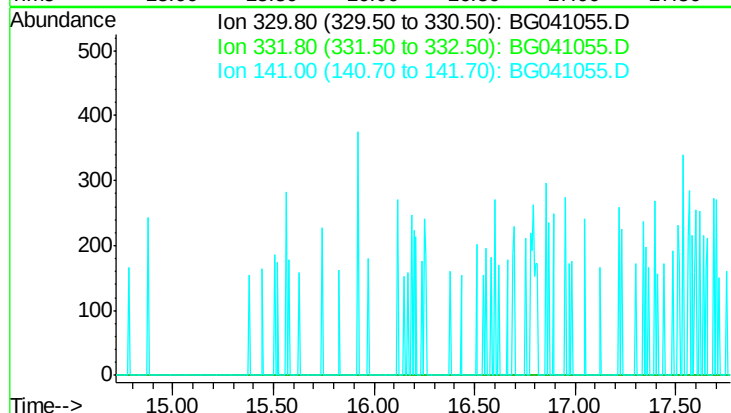
Tot Ion: 330

Sig Exp Ratio

330 100

332 98.1

141 35.9



#43

2,4,6-Trichlorophenol

Concen: 38.908 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.26 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

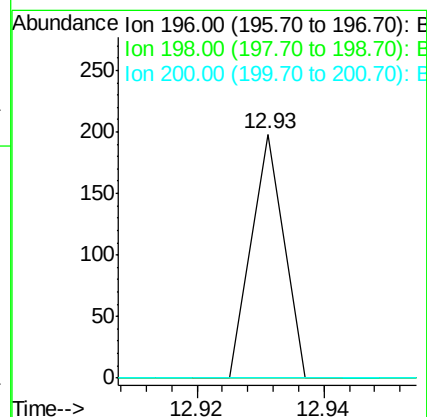
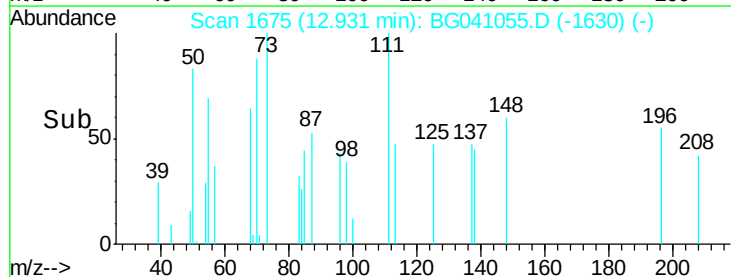
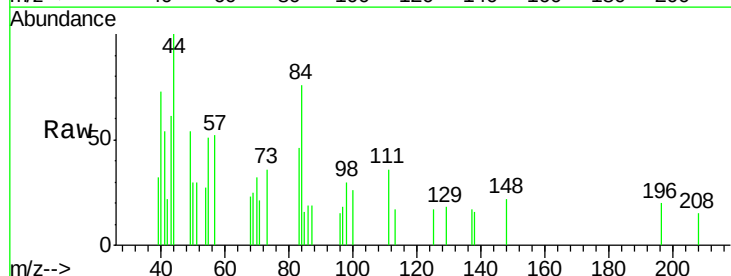
Tgt Ion: 196 Resp: 70

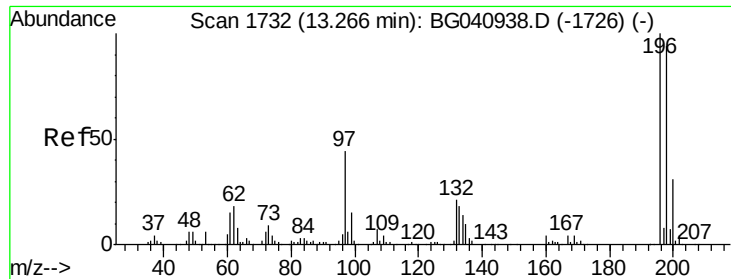
Ion Ratio Lower Upper

196 100

198 0.0 73.8 110.6#

200 0.0 24.1 36.1#

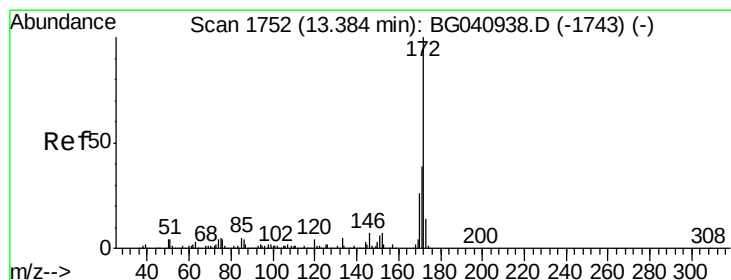
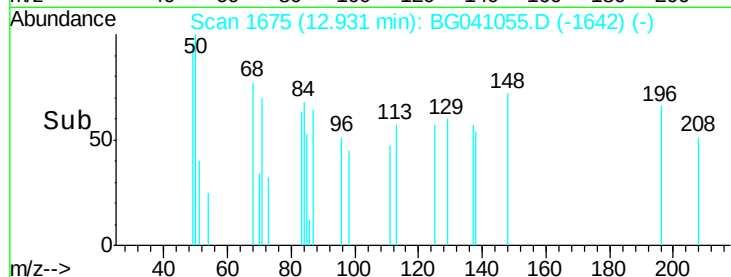
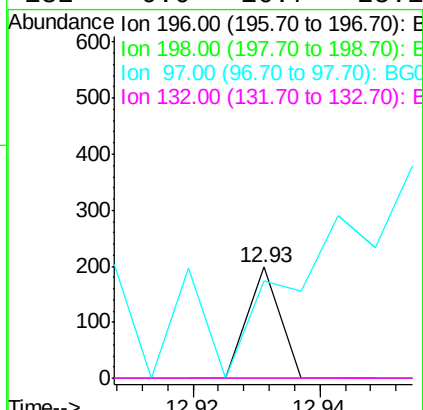
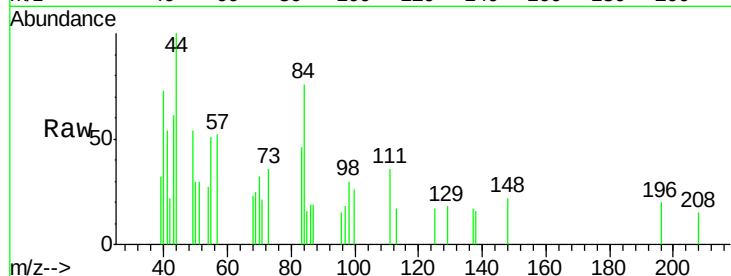




#44
 2,4,5-Trichlorophenol
 Concen: 36.892 ng
 RT: 12.93 min Scan# 1675
 Delta R.T. -0.34 min
 Lab File: BG041055.D
 Acq: 4 Jun 2019 9:19

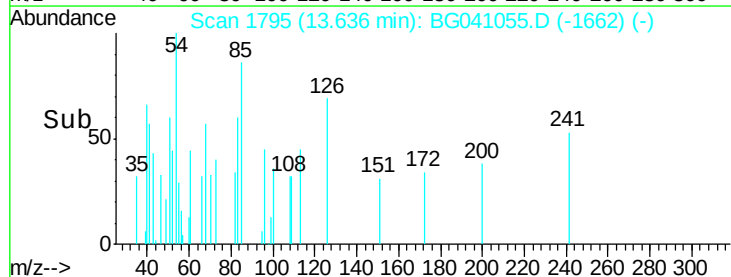
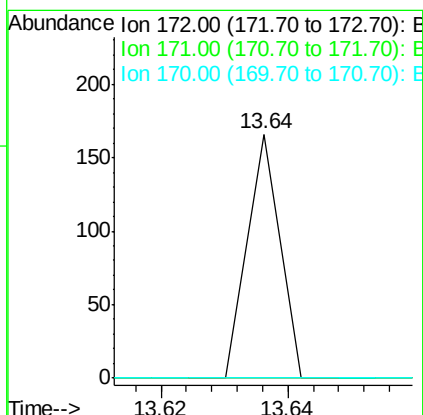
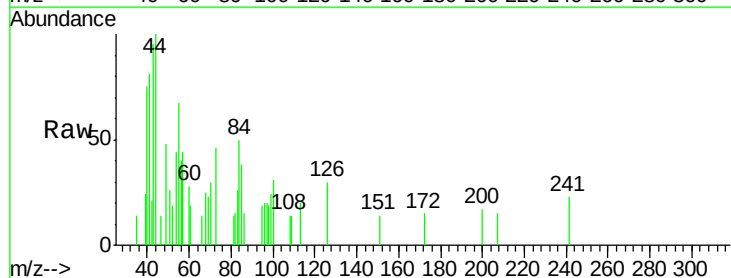
Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-COMP

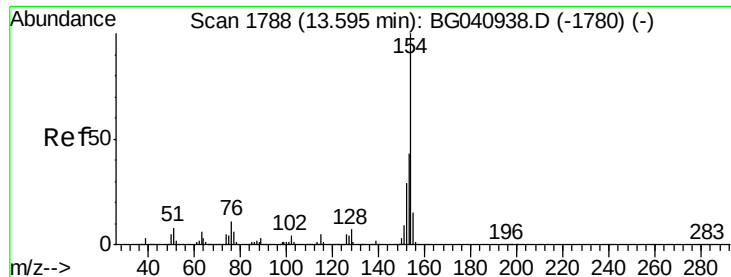
Tot Ion	Ratio	Lower	Upper
196	100		
198	0.0	75.1	112.7#
97	88.4	35.6	53.4#
132	0.0	16.7	25.1#



#45
 2-Fluorobiphenyl
 Concen: 12.314 ng
 RT: 13.64 min Scan# 1795
 Delta R.T. 0.25 min
 Lab File: BG041055.D
 Acq: 4 Jun 2019 9:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	0.0	31.1	46.7#
170	0.0	20.5	30.7#





#46

1,1'-Biphenyl

Concen: 19.971 ng

RT: 13.62 min Scan# 1792

Delta R.T. 0.02 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

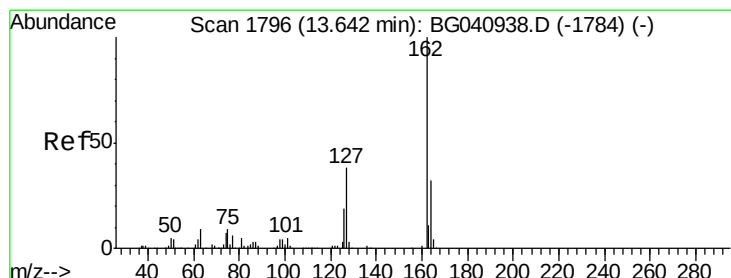
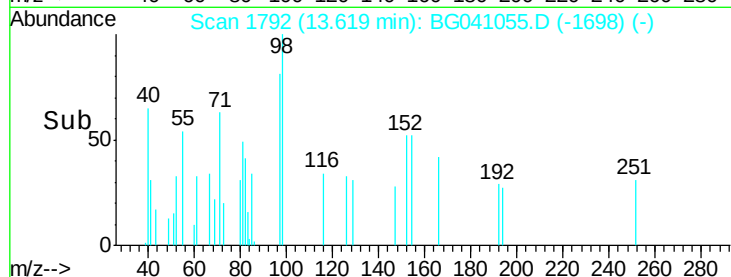
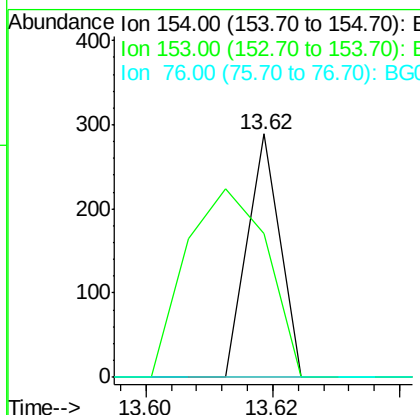
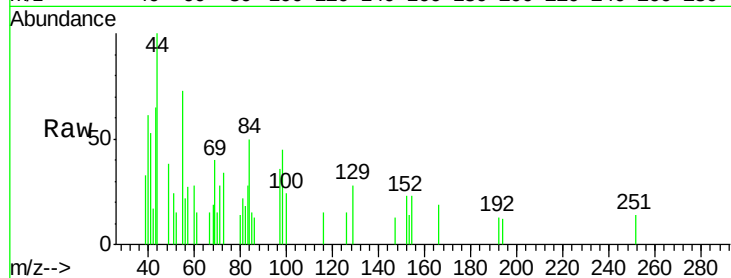
Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-COMP

Tot Ion:154	Resp:	102
Ion Ratio	Lower	Upper
154	100	
153	58.8	23.3 63.3
76	0.0	0.0 31.1



#47

2-Chloronaphthalene

Concen: 14.596 ng

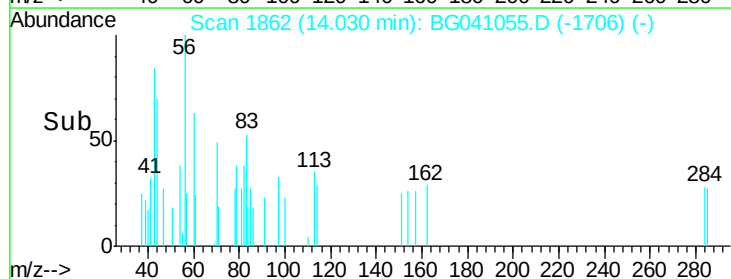
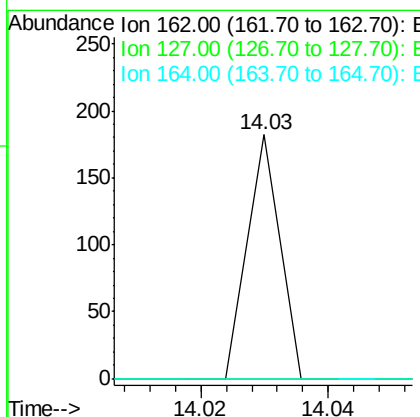
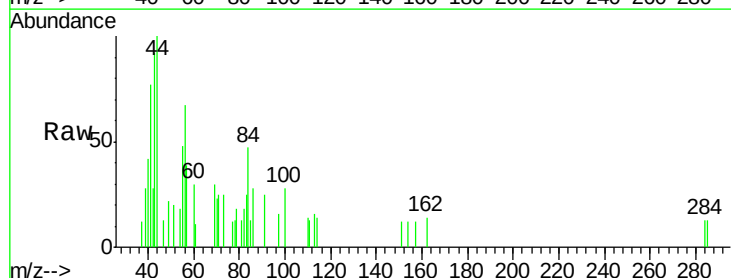
RT: 14.03 min Scan# 1862

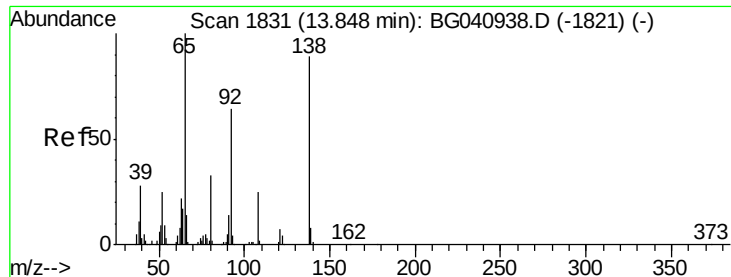
Delta R.T. 0.39 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

Tgt Ion:162	Resp:	64
Ion Ratio	Lower	Upper
162	100	
127	0.0	30.5 45.7#
164	0.0	25.8 38.6#

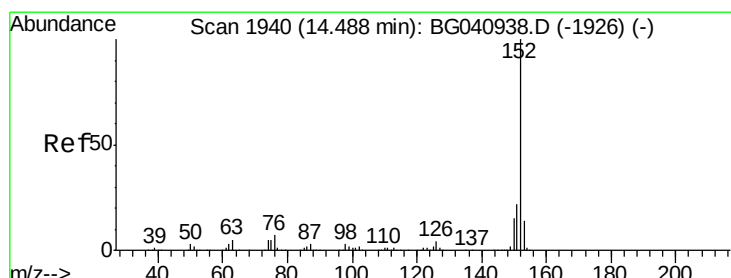
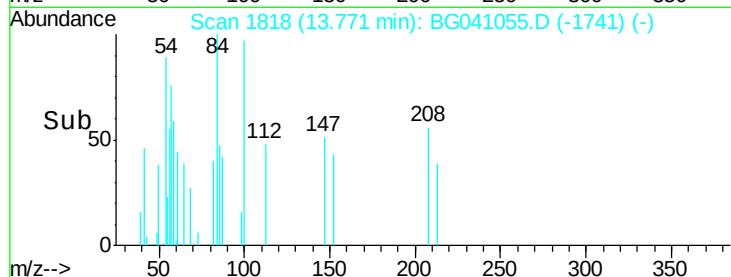
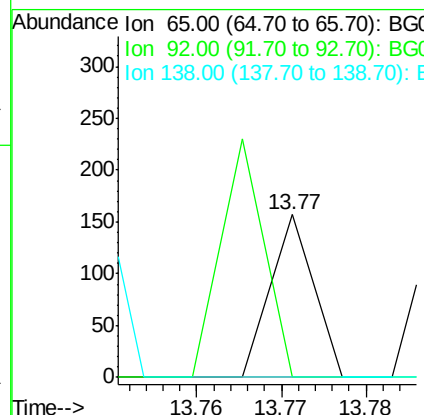
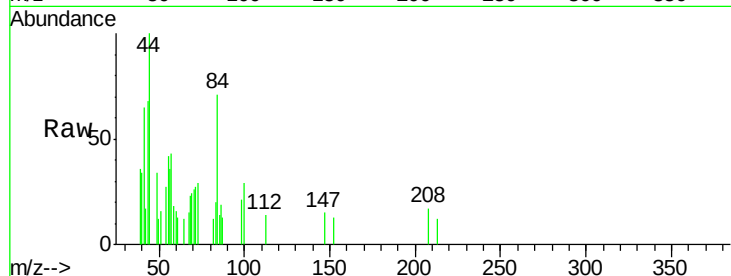




#48
2-Nitroaniline
Concen: 34.965 ng
RT: 13.77 min Scan# 1818
Delta R.T. -0.08 min
Lab File: BG041055.D
Acq: 4 Jun 2019 9:19

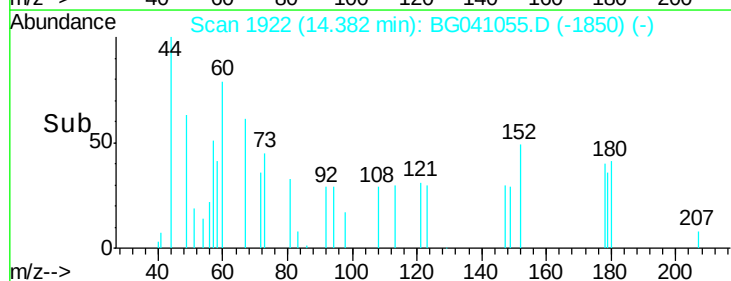
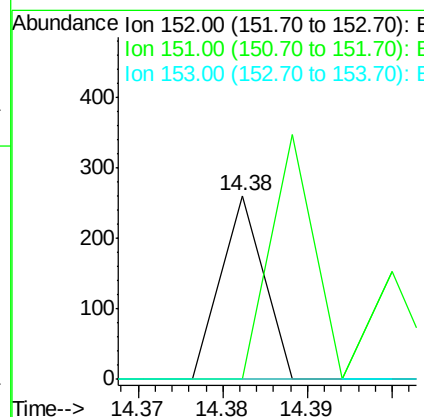
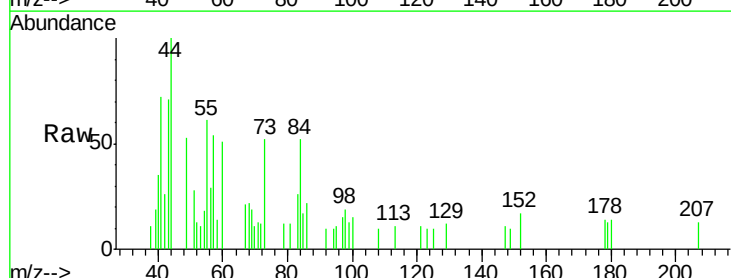
Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-COMP

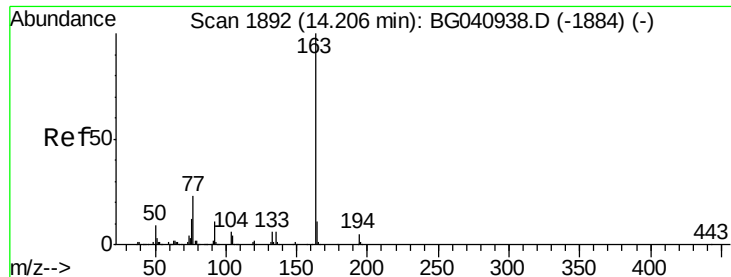
Tot Ion: 65 Resp: 55
Ion Ratio Lower Upper
65 100
92 0.0 51.0 76.6#
138 0.0 71.2 106.8#



#49
Acenaphthylene
Concen: 13.941 ng
RT: 14.38 min Scan# 1922
Delta R.T. -0.11 min
Lab File: BG041055.D
Acq: 4 Jun 2019 9:19

Tgt Ion: 152 Resp: 92
Ion Ratio Lower Upper
152 100
151 0.0 17.4 26.0#
153 0.0 11.0 16.4#





#50

Dimethylphthalate

Concen: 11.985 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.09 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-COMP

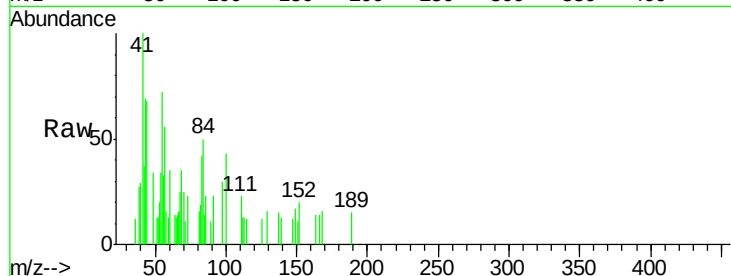
Tot Ion:163 Resp: 70

Ion Ratio Lower Upper

163 100

194 0.0 3.8 5.8#

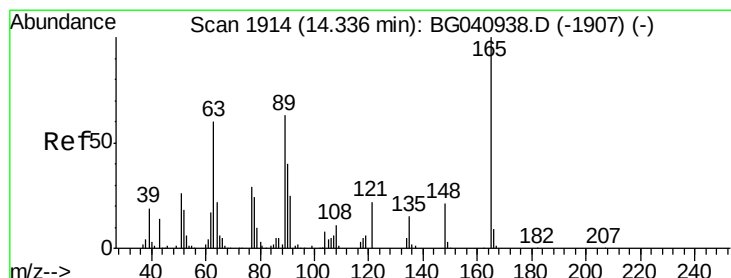
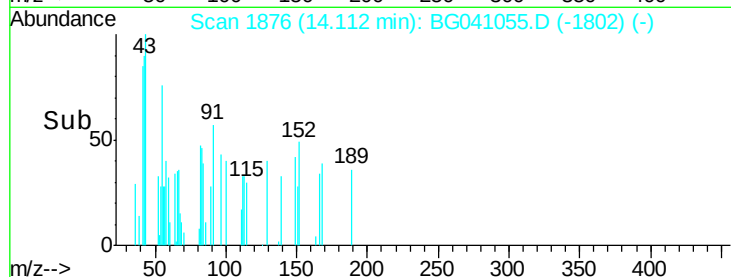
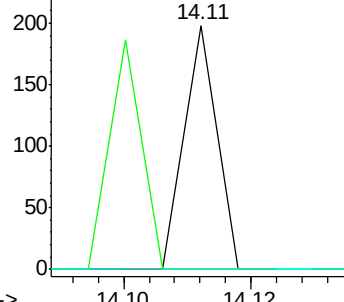
164 0.0 8.7 13.1#



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



#51

2,6-Dinitrotoluene

Concen: 45.262 ng

RT: 14.26 min Scan# 1902

Delta R.T. -0.07 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

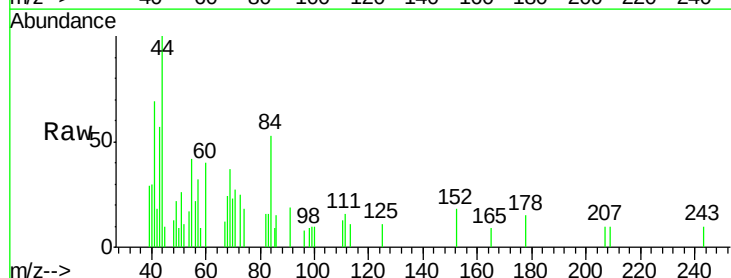
Tgt Ion:165 Resp: 57

Ion Ratio Lower Upper

165 100

63 0.0 53.6 80.4#

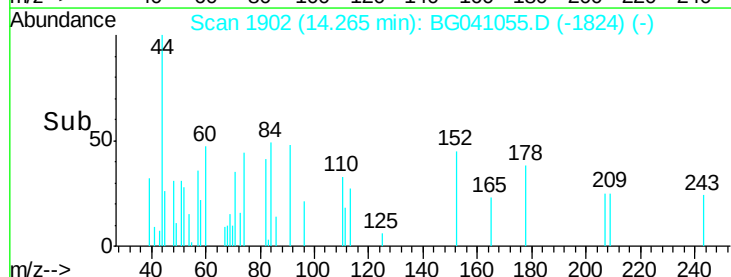
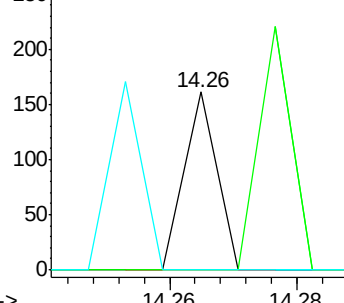
89 0.0 50.4 75.6#

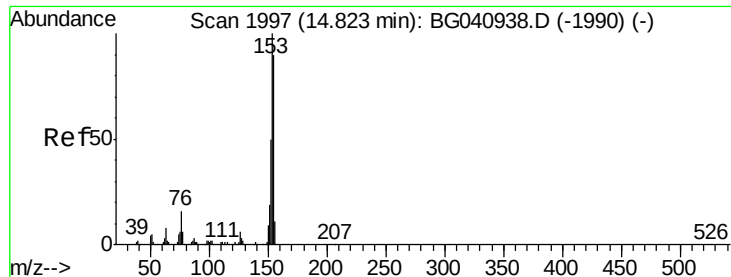


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#52

Acenaphthene

Concen: 48.527 ng

RT: 14.75 min Scan# 1984

Delta R.T. -0.08 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-COMP

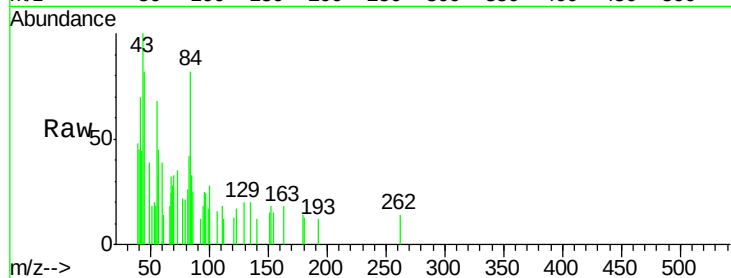
Tot Ion:154 Resp: 194

Ion Ratio Lower Upper

154 100

153 0.0 88.6 133.0#

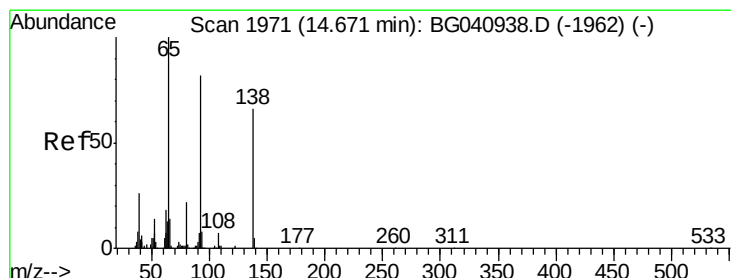
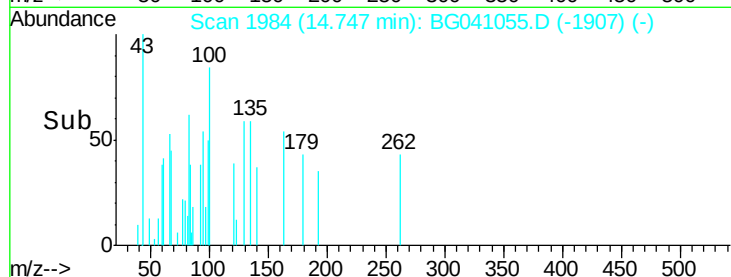
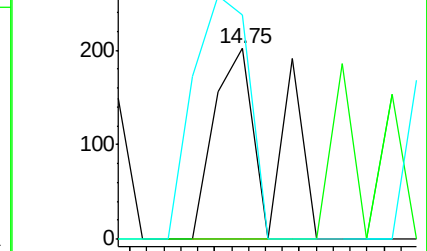
152 117.3 44.2 66.4#



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



#53

3-Nitroaniline

Concen: 105.614 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.09 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

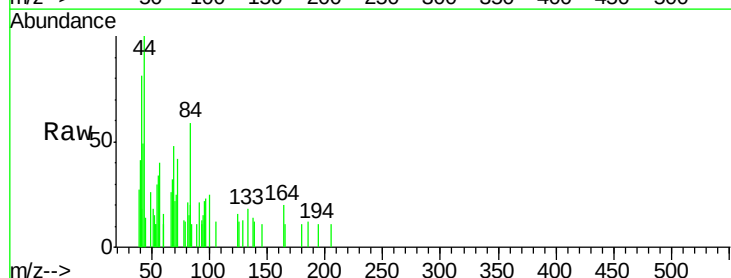
Tgt Ion:138 Resp: 133

Ion Ratio Lower Upper

138 100

108 0.0 8.5 12.7#

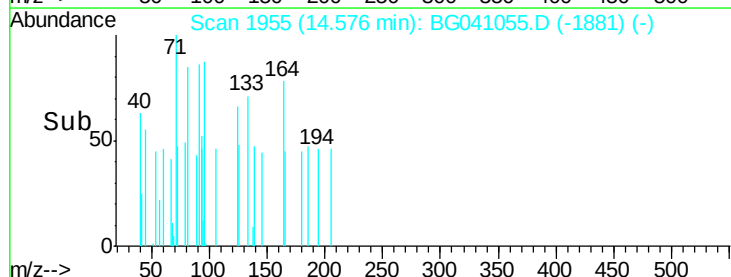
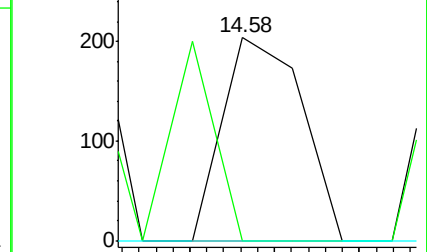
92 0.0 99.0 148.6#

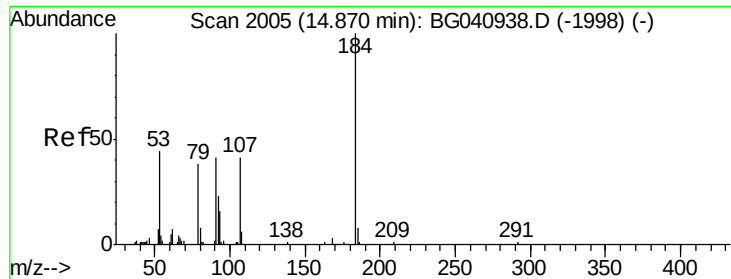


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

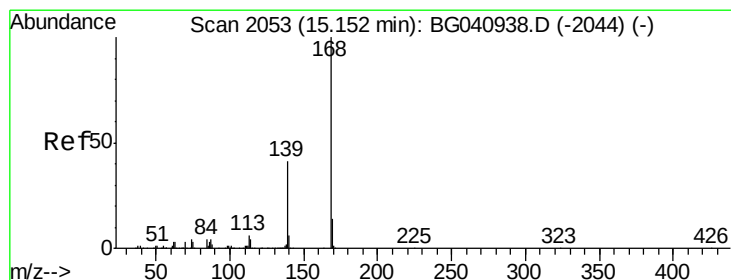
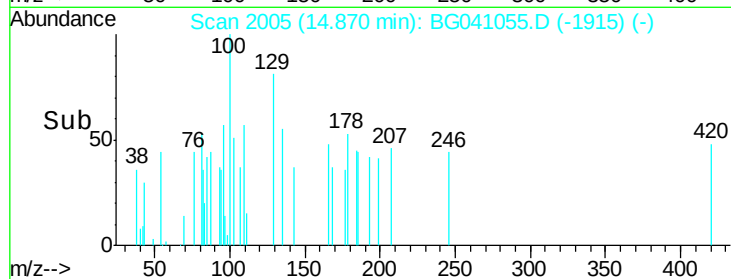
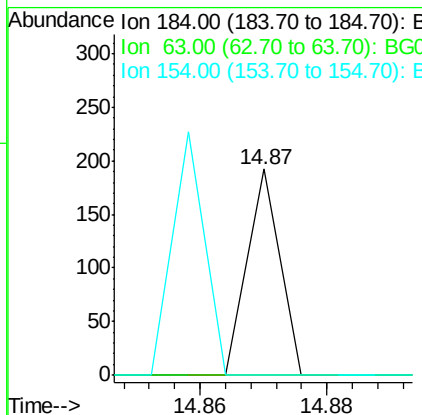
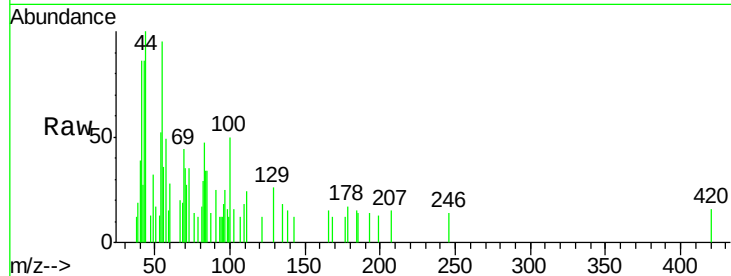




#54
 2,4-Dinitrophenol
 Concen: 95.605 ng
 RT: 14.87 min Scan# 2005
 Delta R.T. -0.00 min
 Lab File: BG041055.D
 Acq: 4 Jun 2019 9:19

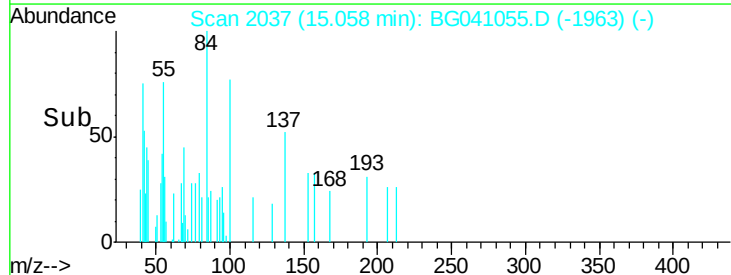
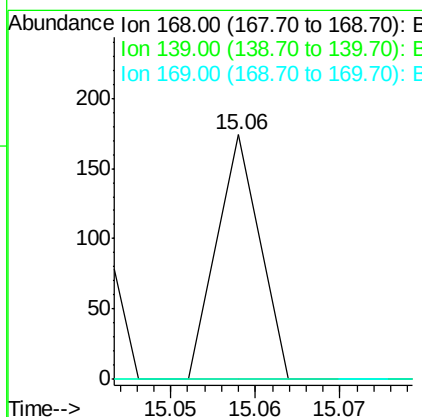
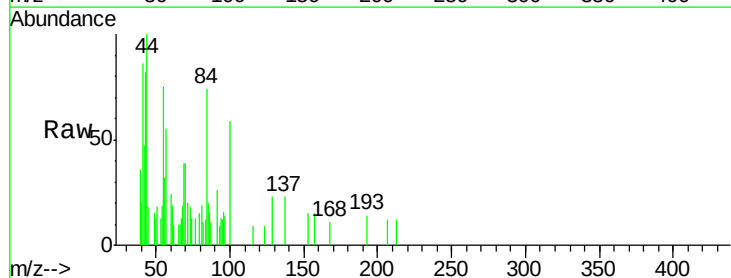
Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-COMP

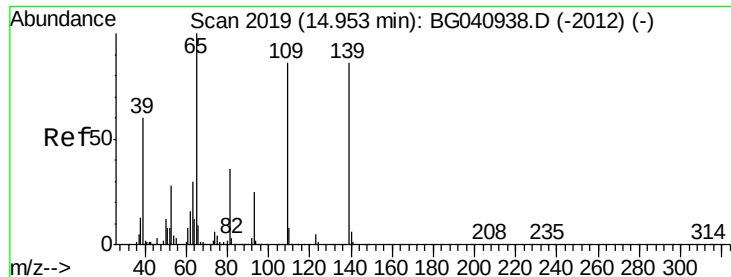
Tot Ion:184 Resp: 68
 Ion Ratio Lower Upper
 184 100
 63 0.0 49.8 74.6#
 154 0.0 52.2 78.4#



#55
 Dibenzofuran
 Concen: 9.068 ng
 RT: 15.06 min Scan# 2037
 Delta R.T. -0.09 min
 Lab File: BG041055.D
 Acq: 4 Jun 2019 9:19

Tgt Ion:168 Resp: 61
 Ion Ratio Lower Upper
 168 100
 139 0.0 32.8 49.2#
 169 0.0 11.3 16.9#

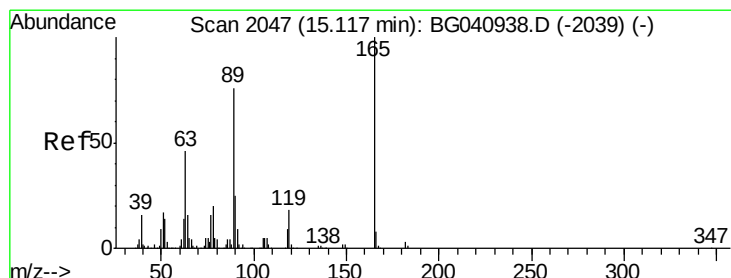
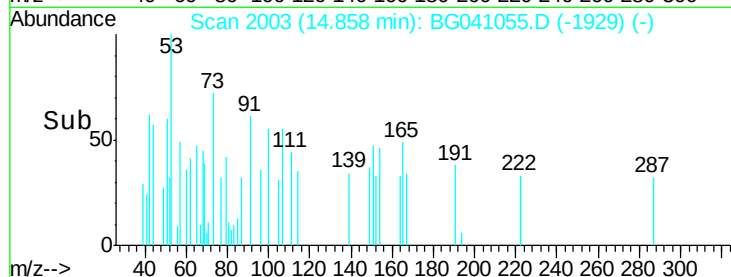
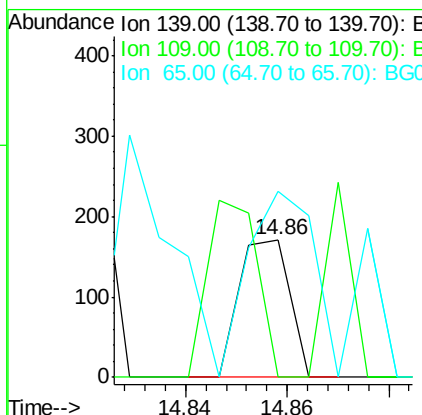
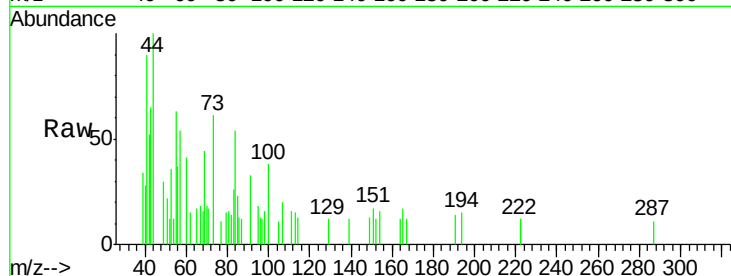




#56
4-Nitrophenol
Concen: 136.611 ng
RT: 14.86 min Scan# 2003
Delta R.T. -0.09 min
Lab File: BG041055.D
Acq: 4 Jun 2019 9:19

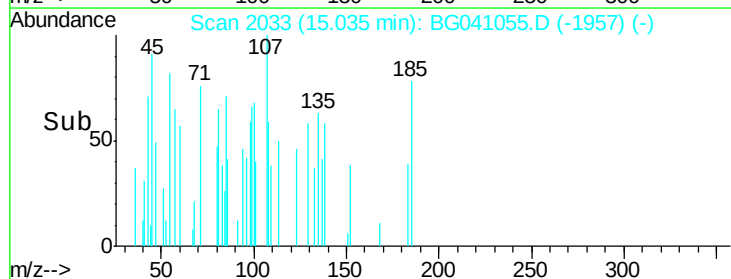
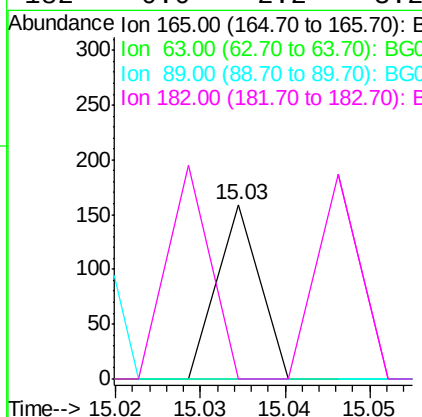
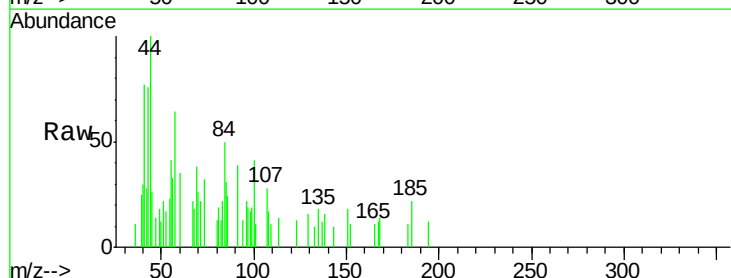
Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-COMP

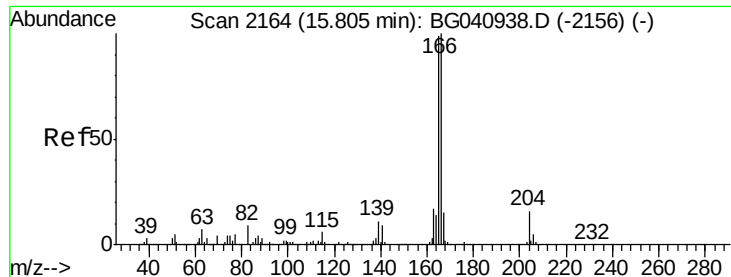
Tot Ion:139 Resp: 118
Ion Ratio Lower Upper
139 100
109 0.0 79.6 119.6#
65 135.1 96.9 136.9



#57
2,4-Dinitrotoluene
Concen: 31.480 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.08 min
Lab File: BG041055.D
Acq: 4 Jun 2019 9:19

Tgt Ion:165 Resp: 56
Ion Ratio Lower Upper
165 100
63 0.0 37.3 55.9#
89 0.0 61.0 91.6#
182 0.0 2.2 3.2#





#58

Fluorene

Concen: 12.507 ng

RT: 15.70 min Scan# 2147

Delta R.T. -0.10 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-COMP

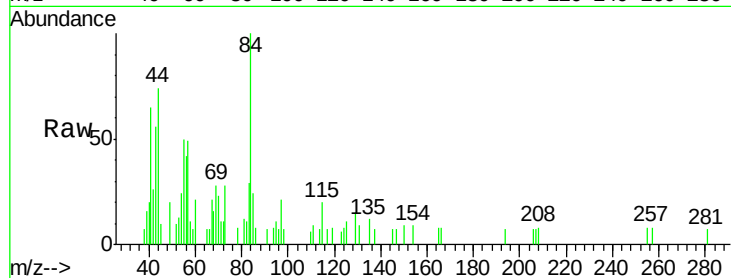
Tot Ion:166 Resp: 67

Ion Ratio Lower Upper

166 100

165 97.9 79.2 118.8

167 0.0 11.8 17.6#



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

300

200

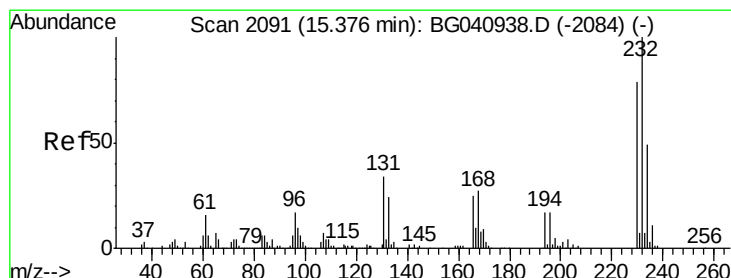
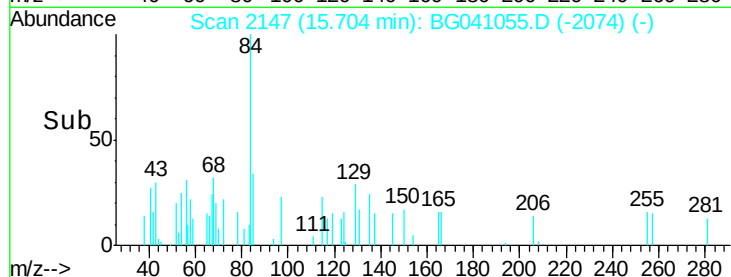
100

0

15.70

15.72

Time-->



#59

2,3,4,6-Tetrachlorophenol

Concen: 38.076 ng

RT: 15.67 min Scan# 2142

Delta R.T. 0.30 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

Tgt Ion:232 Resp: 71

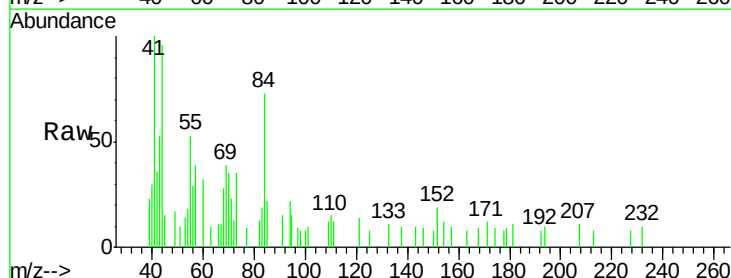
Ion Ratio Lower Upper

232 100

131 0.0 30.3 45.5#

130 0.0 1.8 2.8#

166 154.9 21.3 31.9#



Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

400

300

200

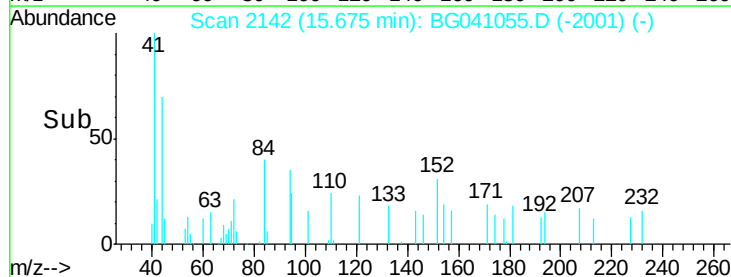
100

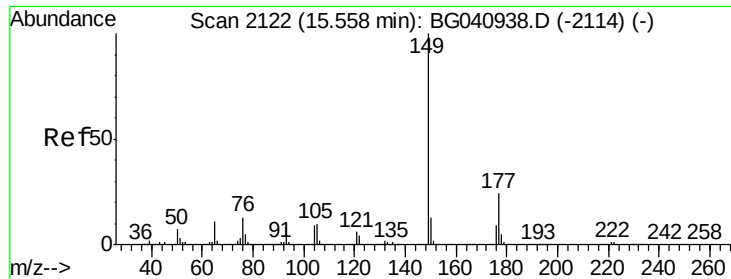
0

15.66

15.68

Time-->





#60

Diethylphthalate

Concen: 27.849 ng

RT: 15.52 min Scan# 2115

Delta R.T. -0.04 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-COMP

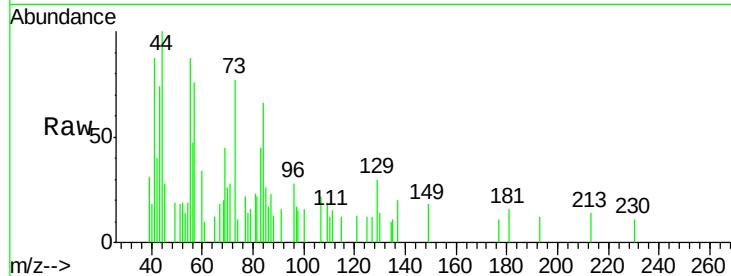
Tot Ion:149 Resp: 166

Ion Ratio Lower Upper

149 100

177 62.0 19.4 29.0#

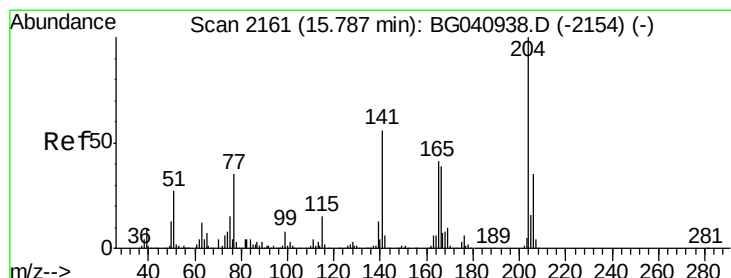
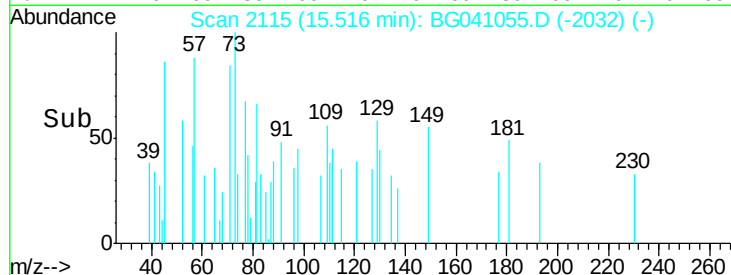
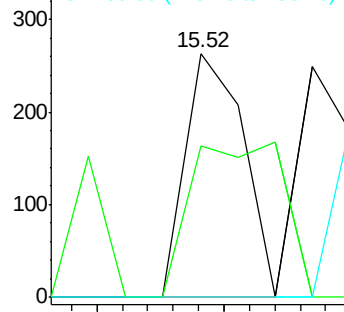
150 0.0 10.3 15.5#



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



#61

4-Chlorophenyl-phenylether

Concen: 17.231 ng

RT: 15.89 min Scan# 2179

Delta R.T. 0.11 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

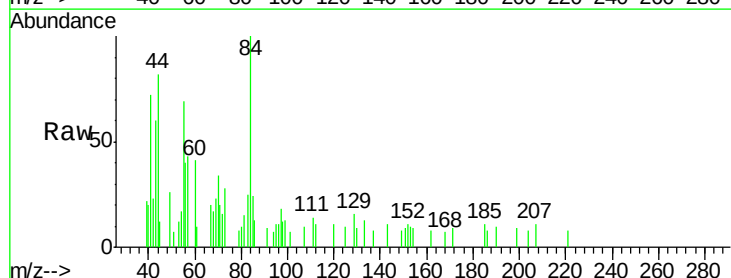
Tgt Ion:204 Resp: 60

Ion Ratio Lower Upper

204 100

206 0.0 27.6 41.4#

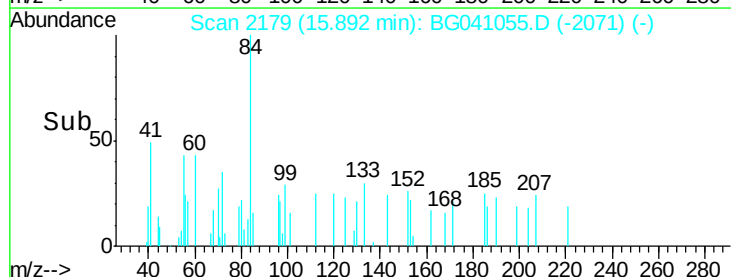
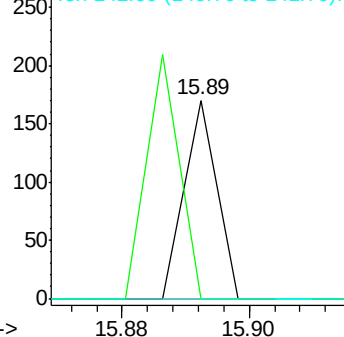
141 0.0 45.1 67.7#

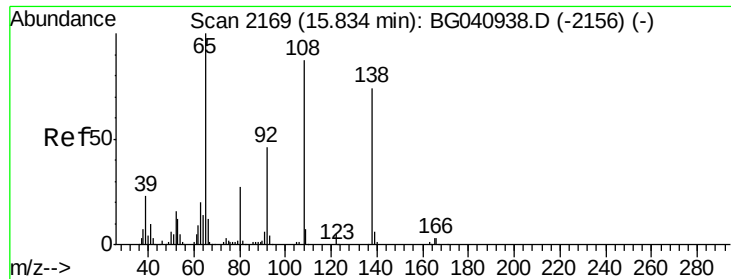


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#62

4-Nitroaniline

Concen: 96.760 ng

RT: 15.74 min Scan# 2153

Delta R.T. -0.09 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-COMP

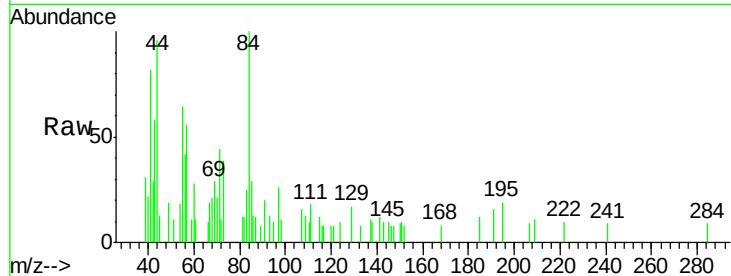
Tot Ion:138 Resp: 129

Ion Ratio Lower Upper

138 100

92 0.0 42.4 82.4#

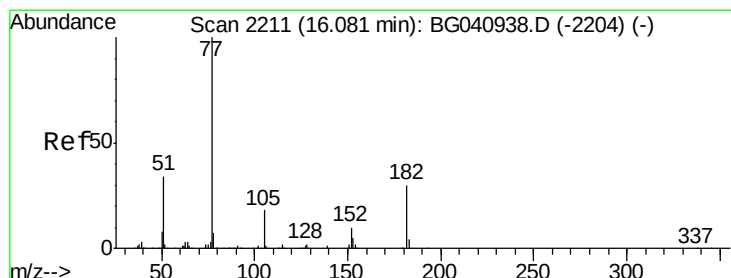
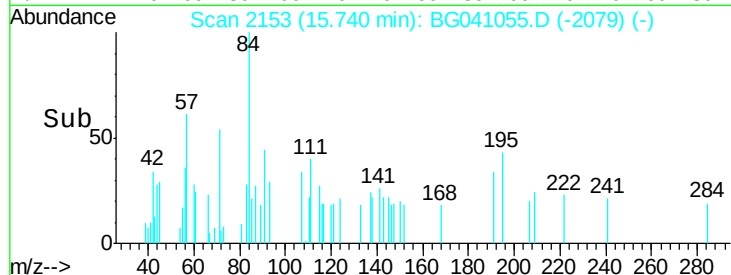
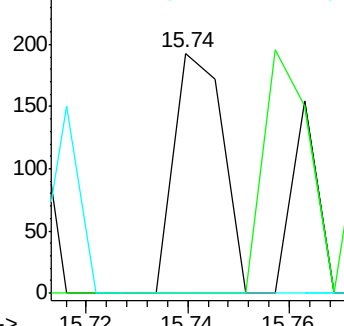
108 0.0 96.9 136.9#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 63.311 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.09 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

Tgt Ion: 77 Resp: 343

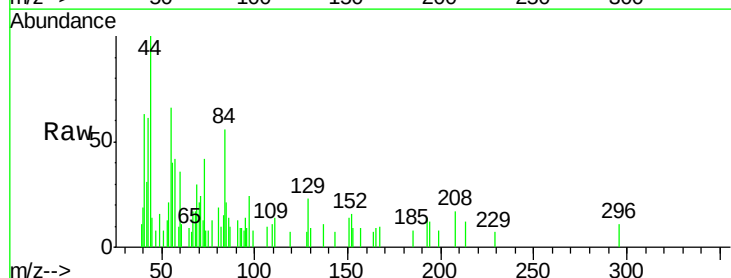
Ion Ratio Lower Upper

77 100

182 0.0 9.6 49.6#

105 0.0 0.0 37.5

51 66.8 13.7 53.7#

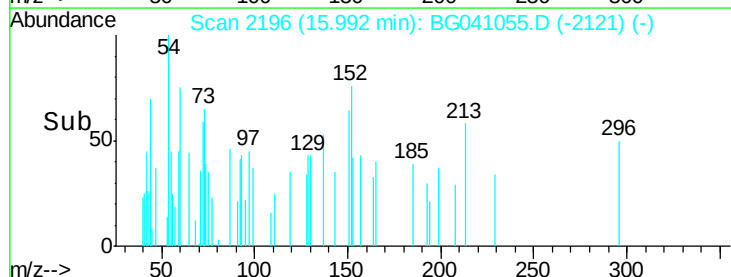
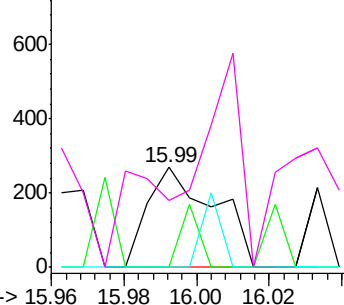


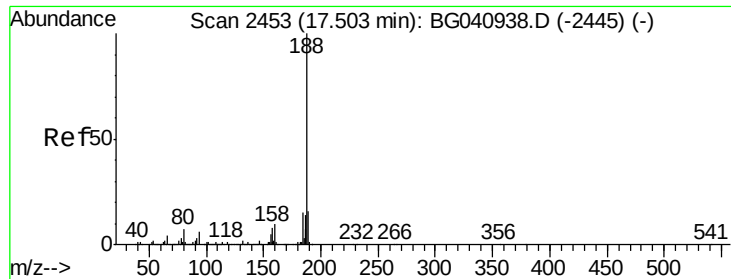
Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.39 min Scan# 2434

Delta R.T. -0.11 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-COMP

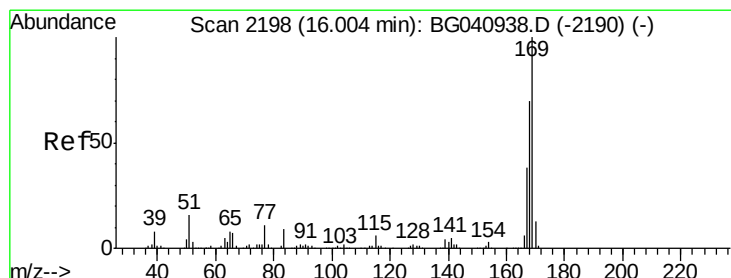
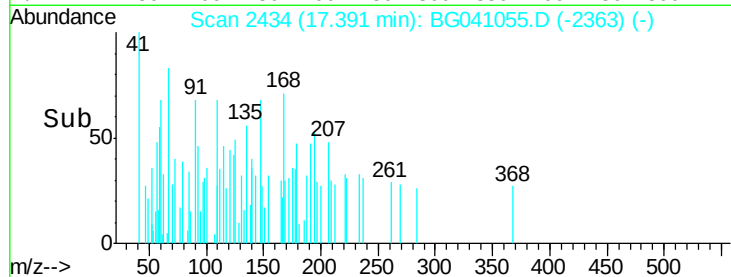
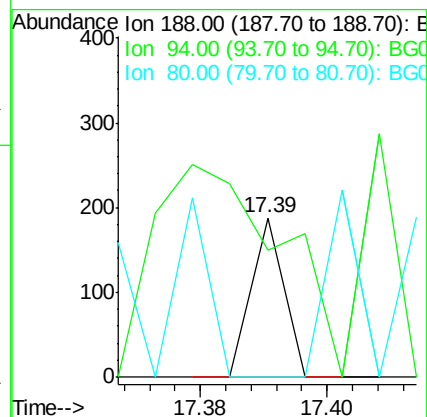
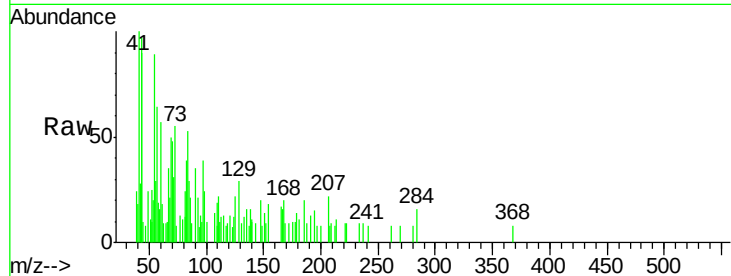
Tot Ion:188 Resp: 66

Ion Ratio Lower Upper

188 100

94 79.8 4.7 7.1#

80 0.0 5.8 8.8#



#66

n-Nitrosodiphenylamine

Concen: 32.339 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.11 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

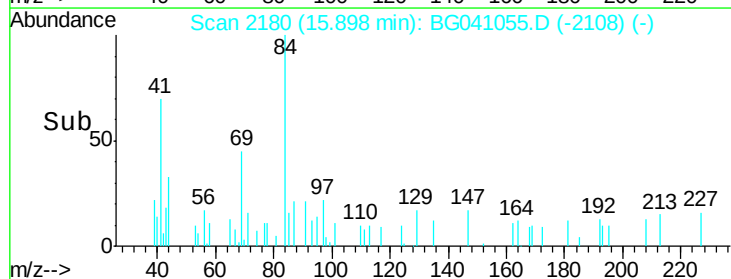
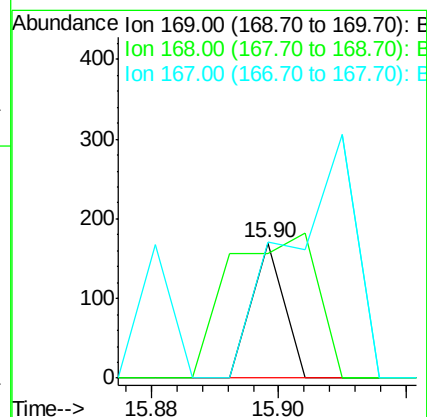
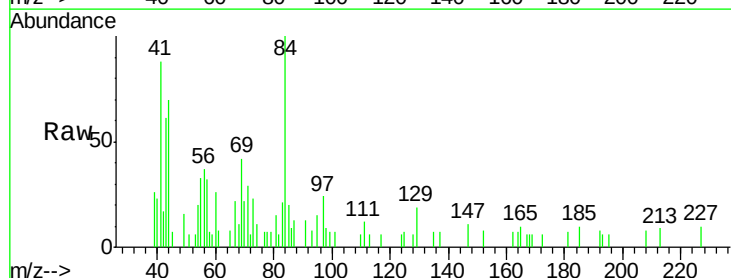
Tgt Ion:169 Resp: 60

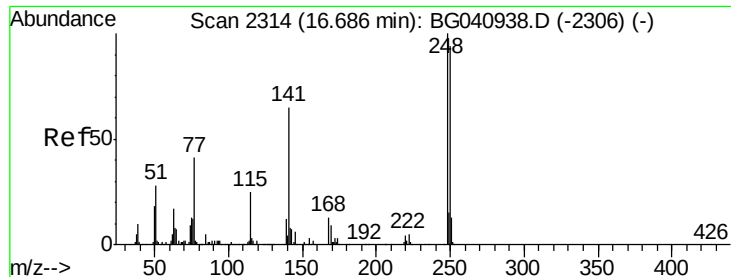
Ion Ratio Lower Upper

169 100

168 92.4 55.7 83.5#

167 100.6 30.2 45.2#

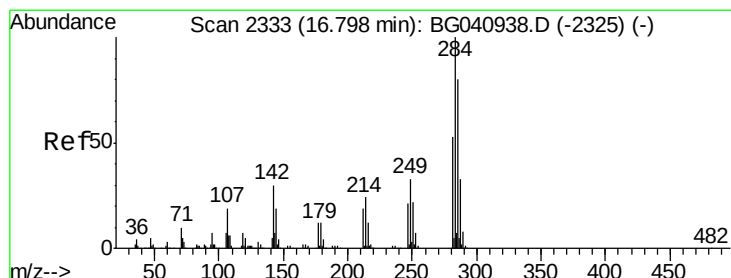
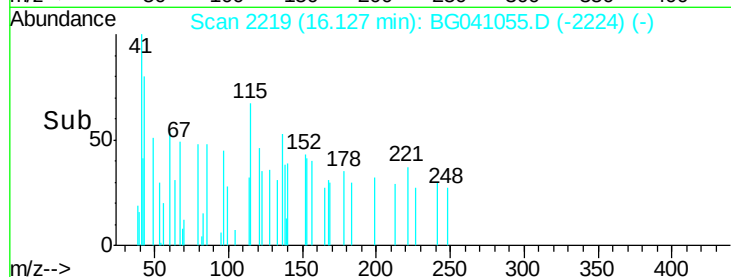
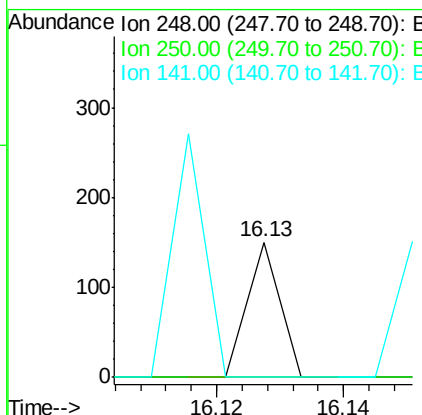
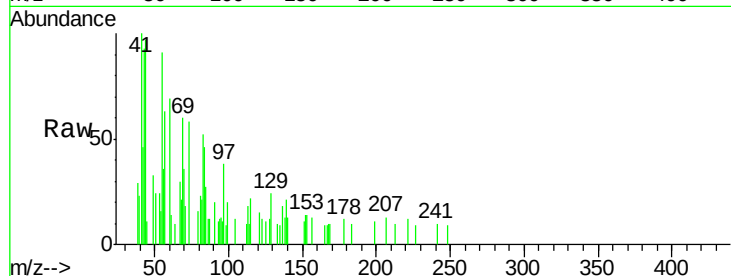




#67
4-Bromophenyl-phenylether
Concen: 59.504 ng
RT: 16.13 min Scan# 2219
Delta R.T. -0.56 min
Lab File: BG041055.D
Acq: 4 Jun 2019 9:19

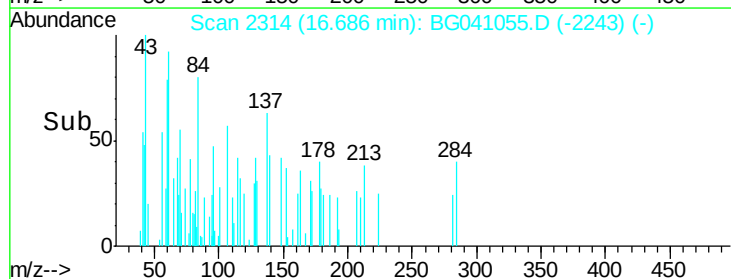
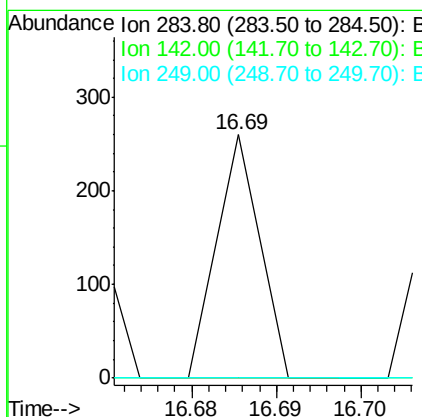
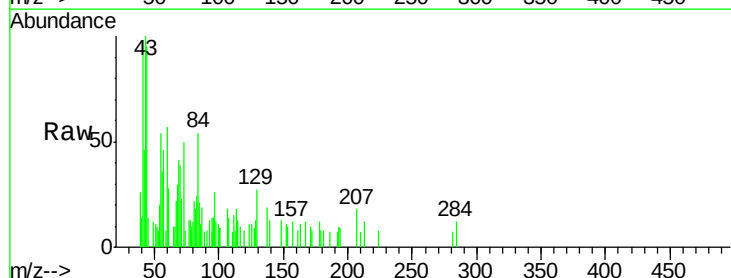
Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-COMP

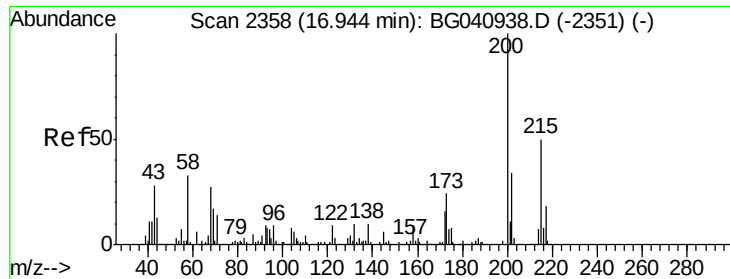
Tot Ion:248 Resp: 53
Ion Ratio Lower Upper
248 100
250 0.0 75.0 112.4#
141 0.0 52.4 78.6#



#68
Hexachlorobenzene
Concen: 97.000 ng
RT: 16.69 min Scan# 2314
Delta R.T. -0.11 min
Lab File: BG041055.D
Acq: 4 Jun 2019 9:19

Tgt Ion:284 Resp: 92
Ion Ratio Lower Upper
284 100
142 0.0 23.9 35.9#
249 0.0 26.8 40.2#





#69

Atrazine

Concen: 78.224 ng

RT: 16.78 min Scan# 2330

Delta R.T. -0.16 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-COMP

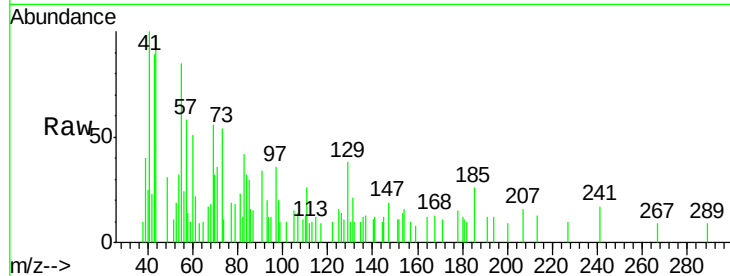
Tot Ion:200 Resp: 56

Ion Ratio Lower Upper

200 100

173 0.0 3.6 43.6#

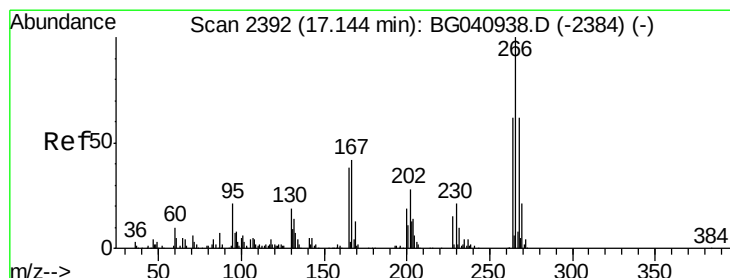
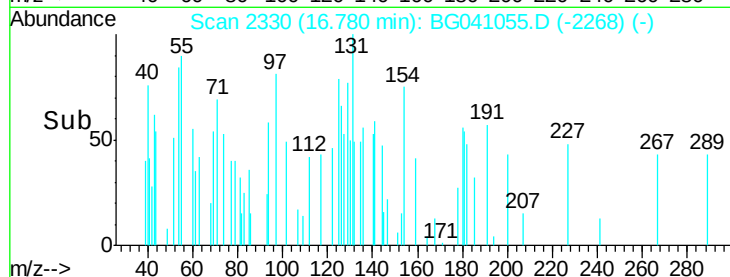
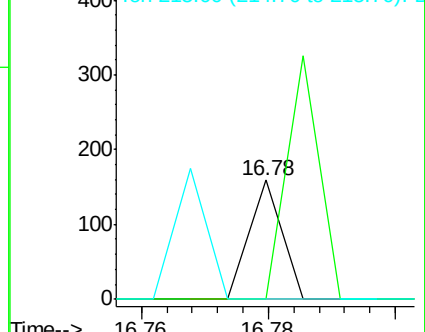
215 0.0 29.6 69.6#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 116.064 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.18 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

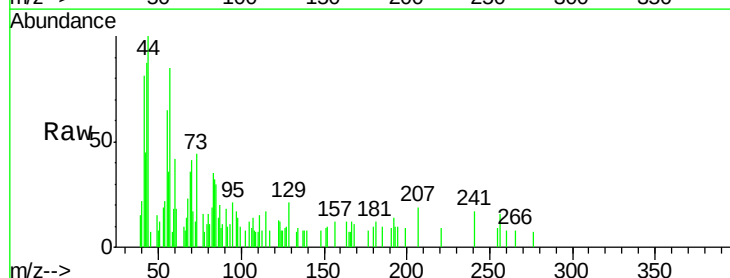
Tgt Ion:266 Resp: 60

Ion Ratio Lower Upper

266 100

268 0.0 53.1 79.7#

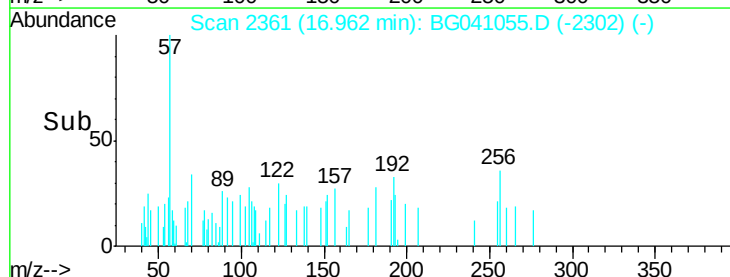
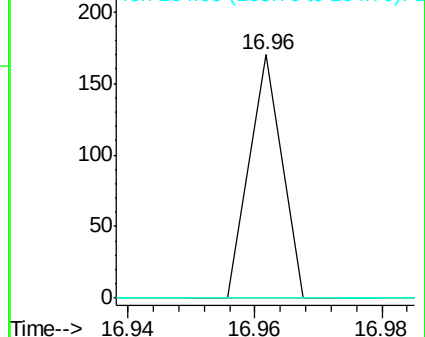
264 0.0 49.9 74.9#

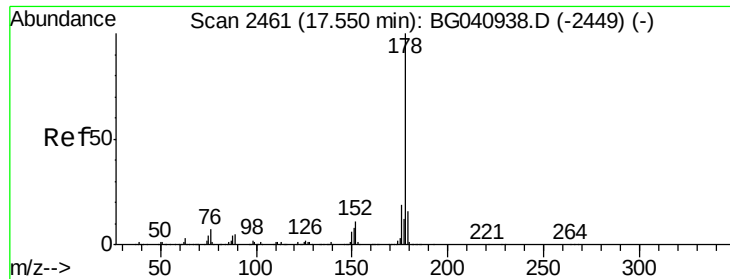


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

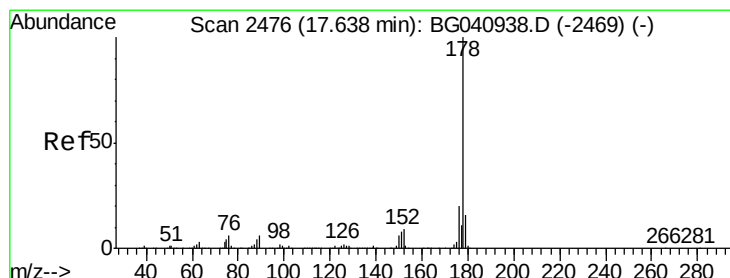
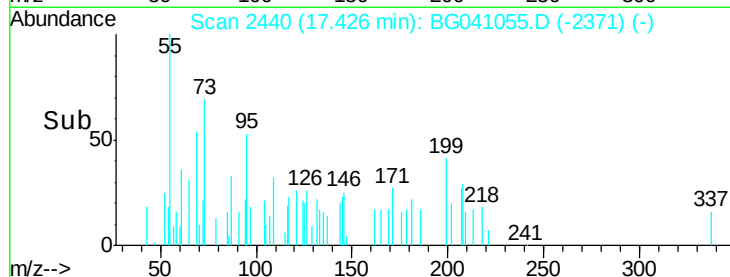
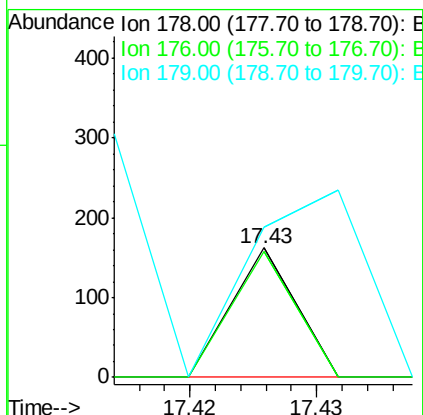
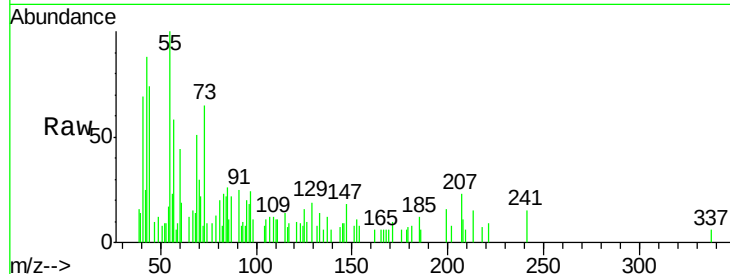




#71
Phenanthrene
Concen: 16.580 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.12 min
Lab File: BG041055.D
Acq: 4 Jun 2019 9:19

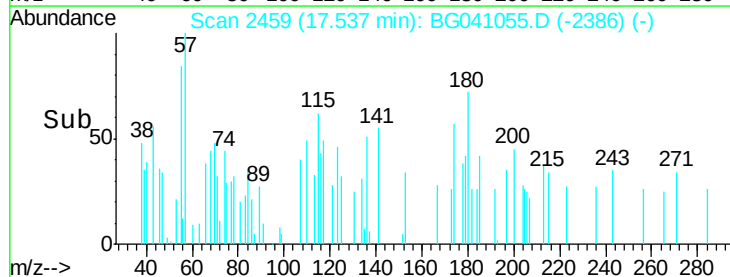
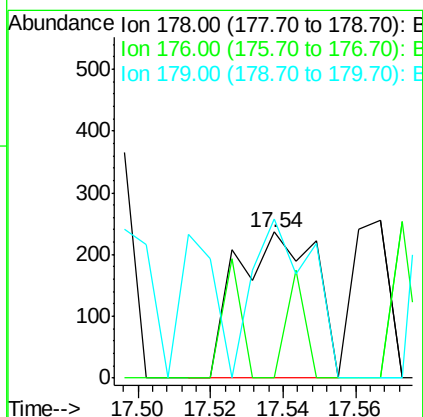
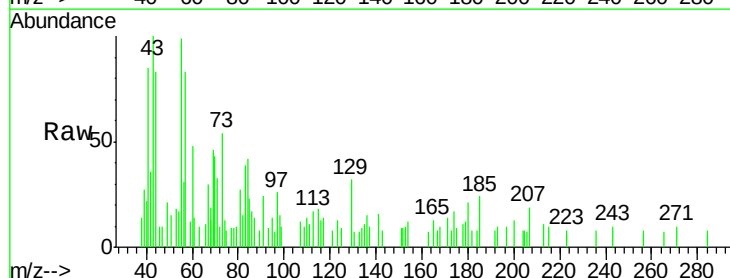
Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-COMP

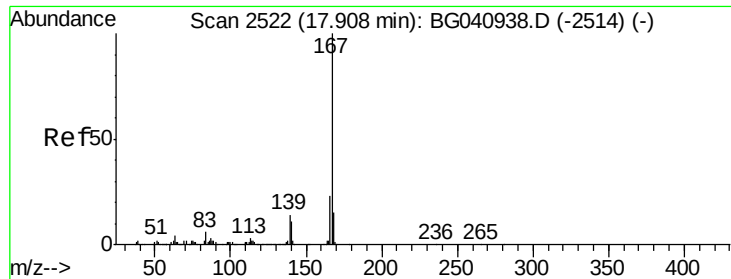
Tot Ion:178 Resp: 57
Ion Ratio Lower Upper
178 100
176 97.5 15.5 23.3#
179 116.7 12.7 19.1#



#72
Anthracene
Concen: 105.290 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.10 min
Lab File: BG041055.D
Acq: 4 Jun 2019 9:19

Tgt Ion:178 Resp: 357
Ion Ratio Lower Upper
178 100
176 0.0 15.6 23.4#
179 109.3 13.0 19.4#





#73

Carbazole

Concen: 138.177 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.11 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-COMP

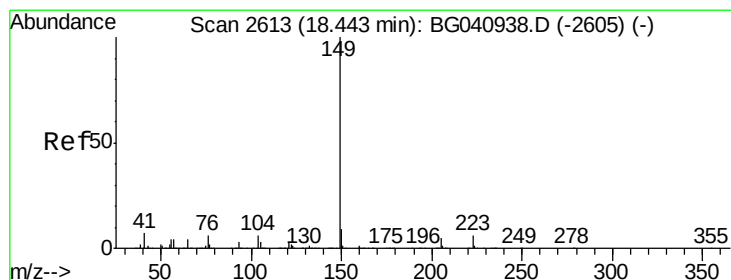
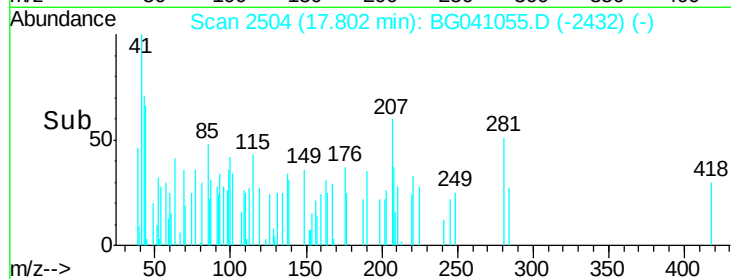
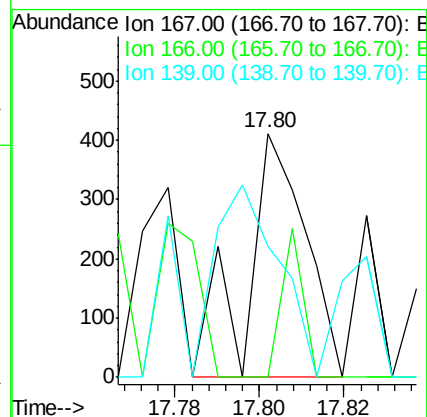
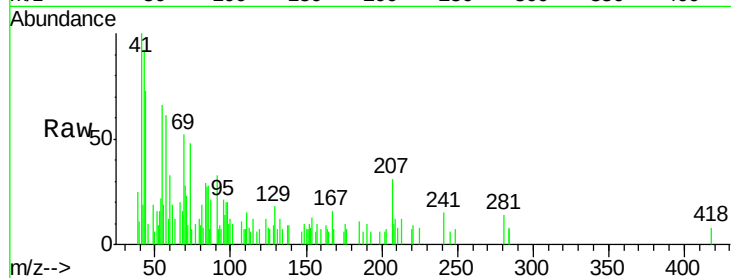
Tot Ion:167 Resp: 402

Ion Ratio Lower Upper

167 100

166 0.0 18.2 27.4#

139 53.8 10.8 16.2#



#74

Di-n-butylphthalate

Concen: 191.929 ng

RT: 18.32 min Scan# 2593

Delta R.T. -0.12 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

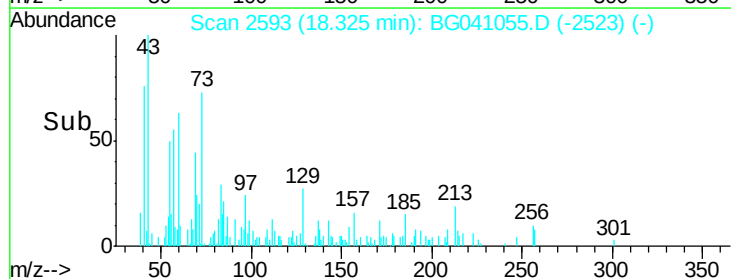
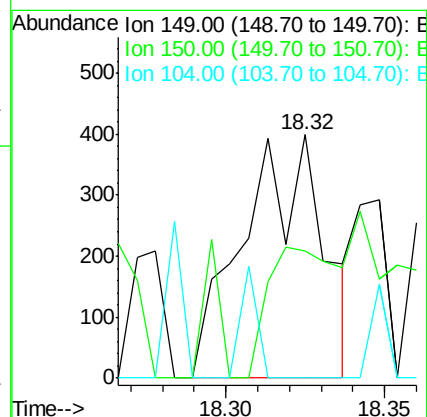
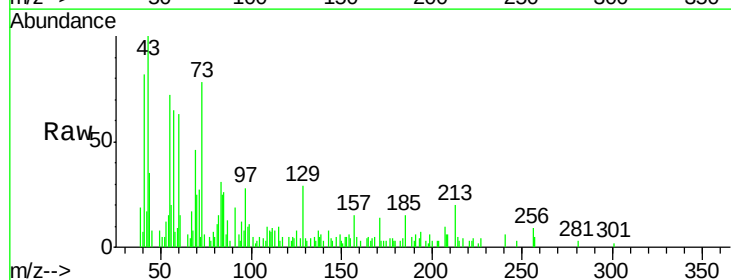
Tgt Ion:149 Resp: 694

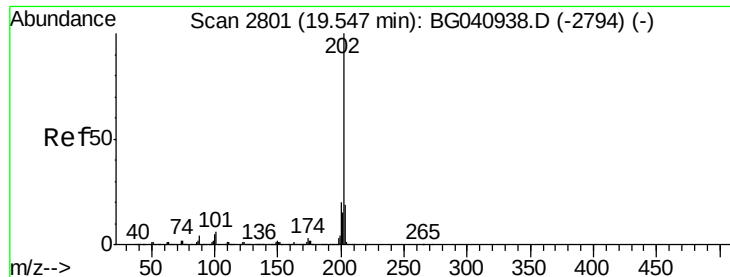
Ion Ratio Lower Upper

149 100

150 52.4 7.4 11.2#

104 0.0 5.0 7.4#





#75

Fluoranthene

Concen: 115.865 ng

RT: 19.72 min Scan# 2830

Delta R.T. 0.17 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-COMP

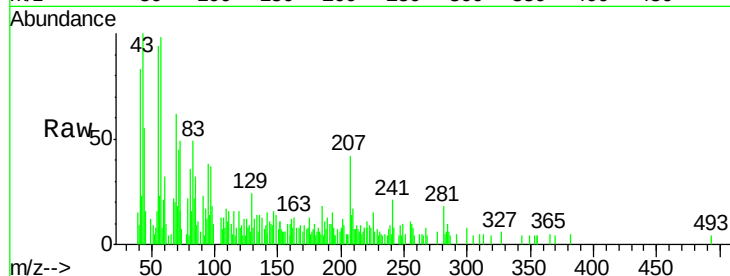
Tot Ion:202 Resp: 492

Ion Ratio Lower Upper

202 100

101 0.0 0.0 26.2

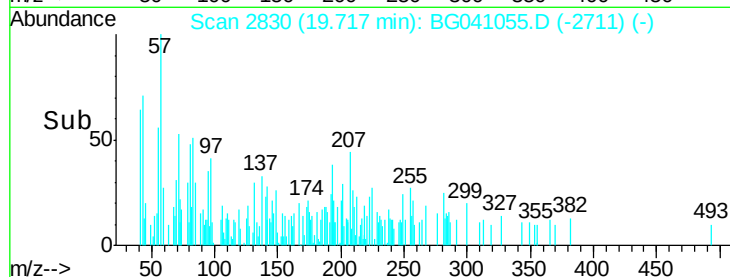
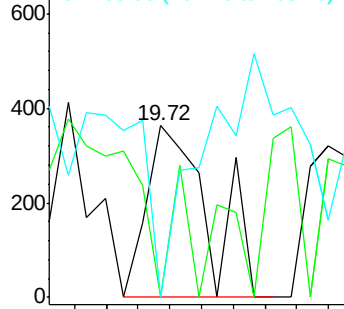
203 0.0 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.14 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

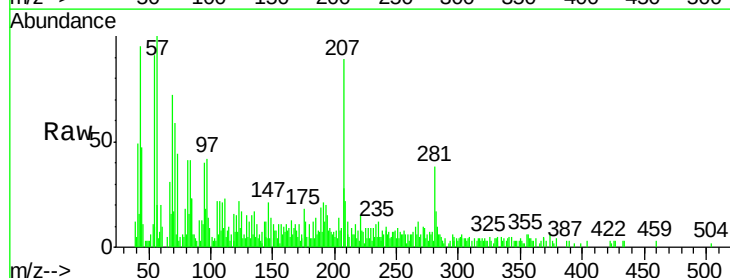
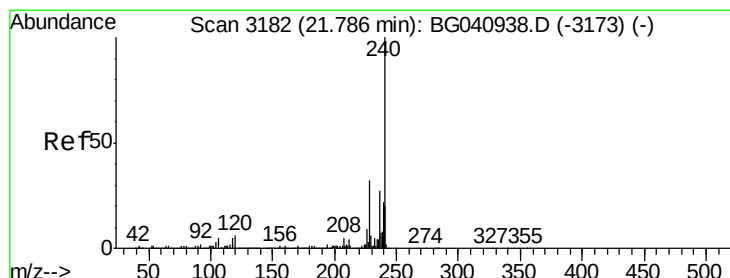
Tgt Ion:240 Resp: 666

Ion Ratio Lower Upper

240 100

120 105.6 4.5 6.7#

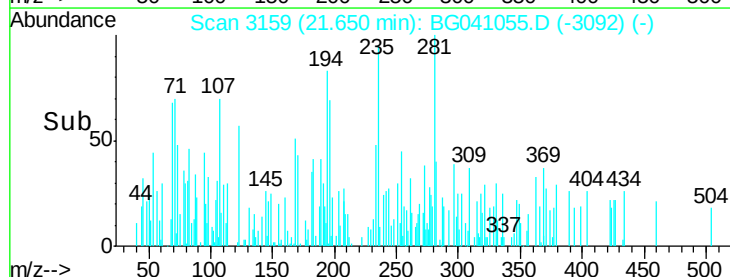
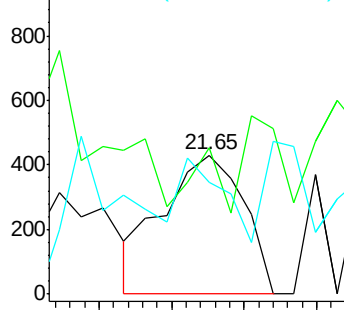
236 80.0 21.3 31.9#

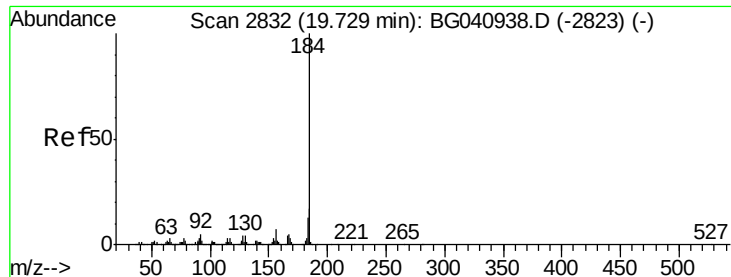


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.961 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.13 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-COMP

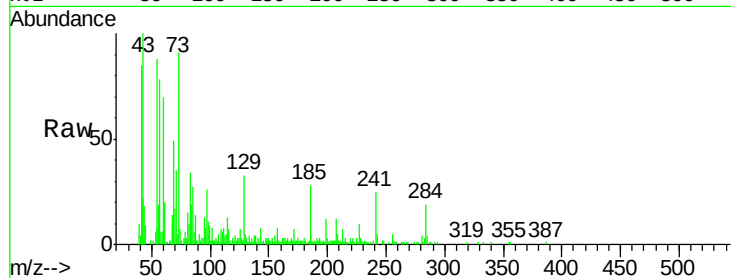
Tot Ion:184 Resp: 619

Ion Ratio Lower Upper

184 100

185 1239.5 13.3 19.9#

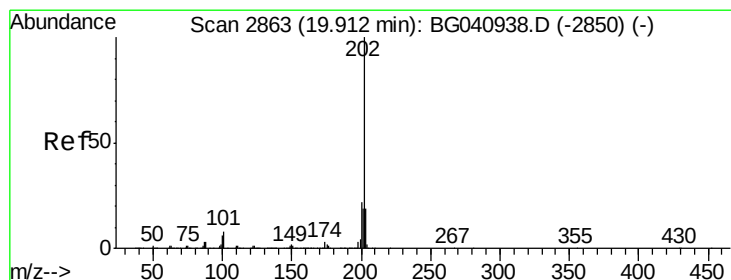
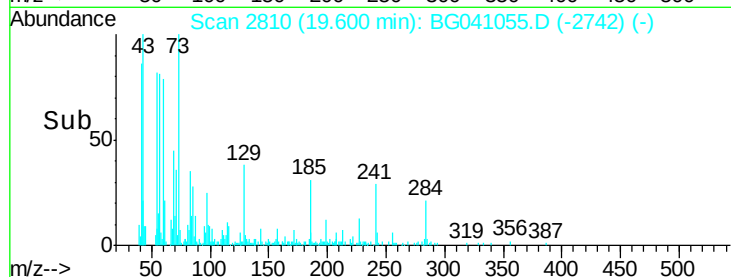
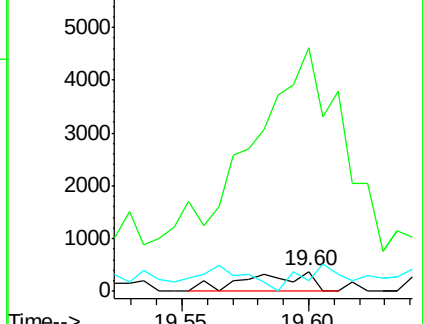
183 57.0 10.7 16.1#



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: 9.331 ng

RT: 19.80 min Scan# 2844

Delta R.T. -0.11 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

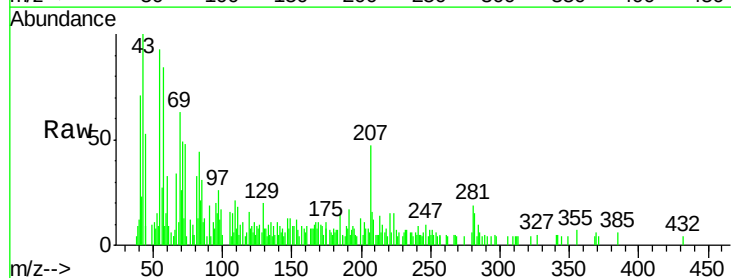
Tgt Ion:202 Resp: 404

Ion Ratio Lower Upper

202 100

200 0.0 17.5 26.3#

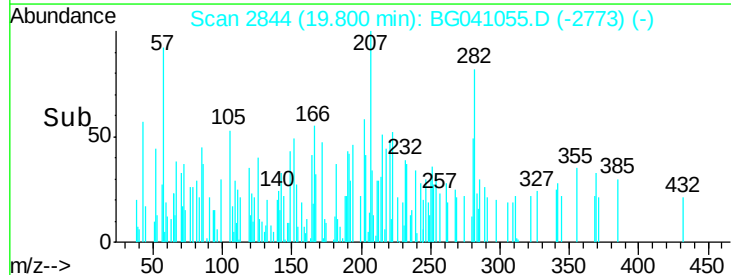
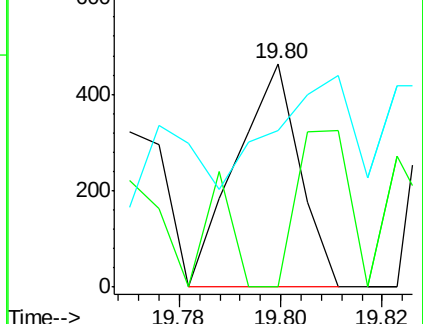
203 70.0 15.6 23.4#

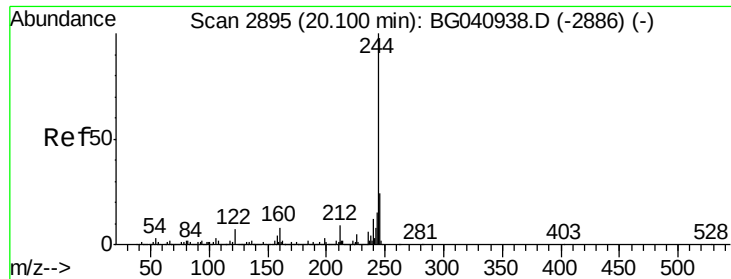


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 11.090 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.12 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-COMP

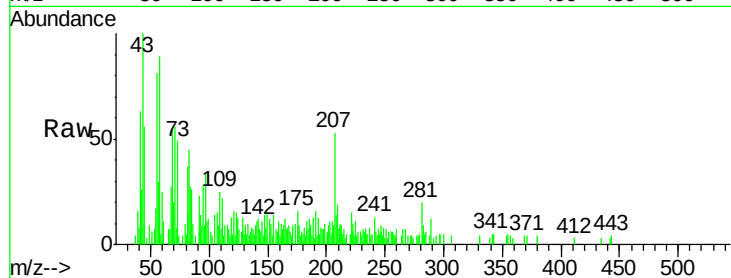
Tot Ion:244 Resp: 348

Ion Ratio Lower Upper

244 100

212 118.4 7.0 10.4#

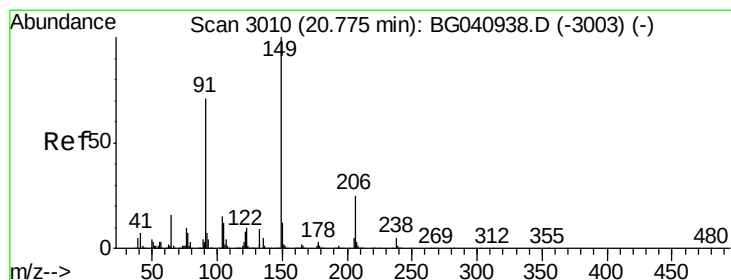
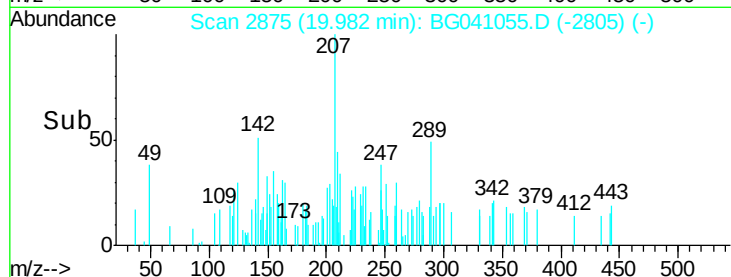
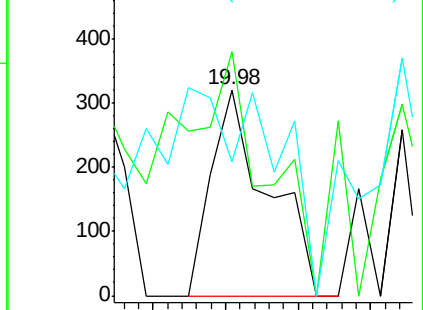
122 65.0 5.4 8.0#



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



#80

Butylbenzylphthalate

Concen: 32.288 ng

RT: 20.65 min Scan# 2989

Delta R.T. -0.12 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

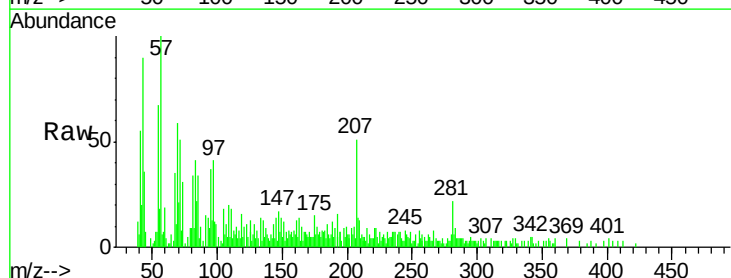
Tgt Ion:149 Resp: 544

Ion Ratio Lower Upper

149 100

91 110.0 56.5 84.7#

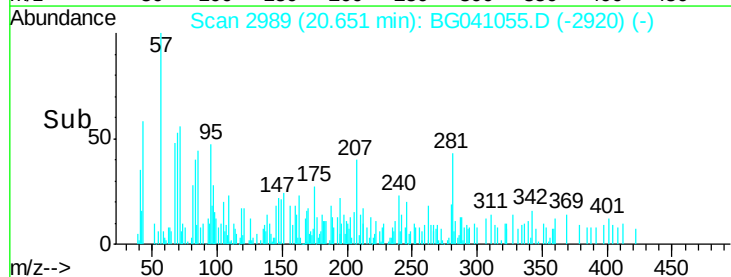
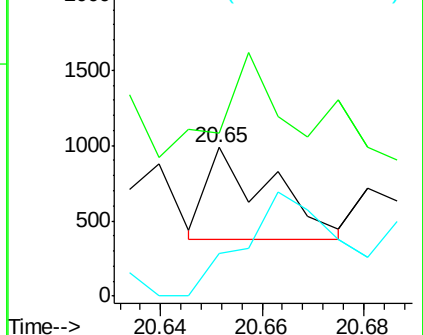
206 28.8 20.3 30.5

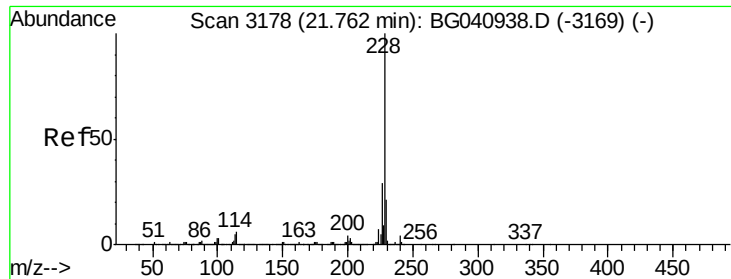


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 4.421 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.16 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-COMP

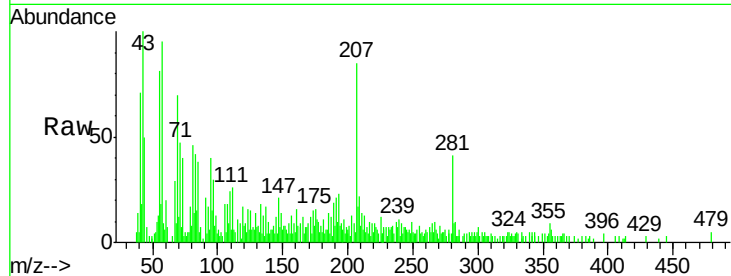
Tot Ion:228 Resp: 196

Ion Ratio Lower Upper

228 100

226 203.0 23.5 35.3#

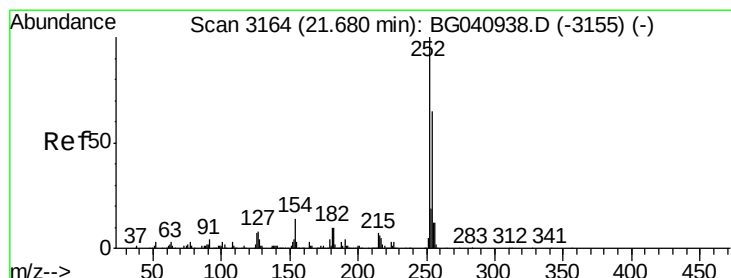
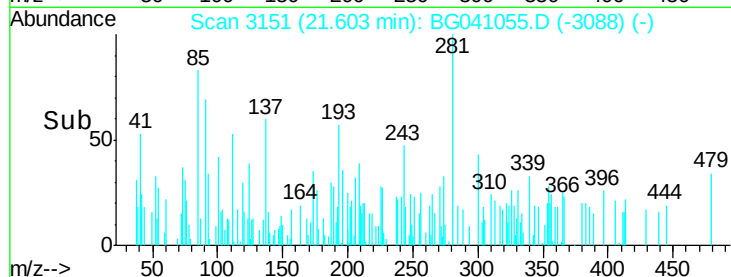
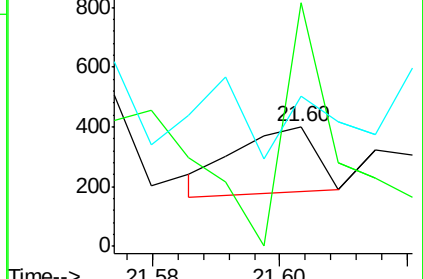
229 125.6 16.7 25.1#



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: 23.857 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.14 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

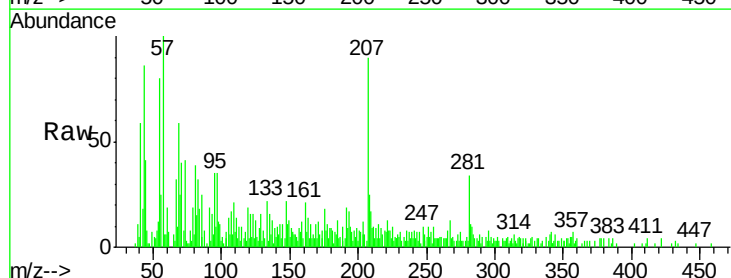
Tgt Ion:252 Resp: 372

Ion Ratio Lower Upper

252 100

254 47.4 52.1 78.1#

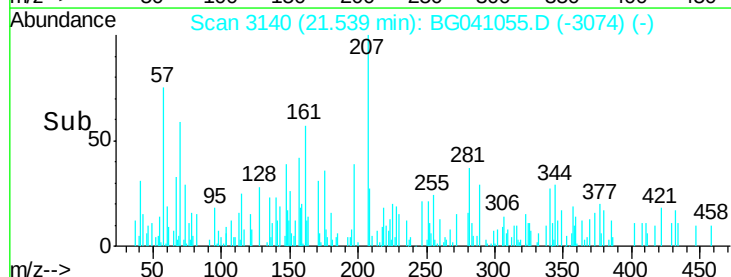
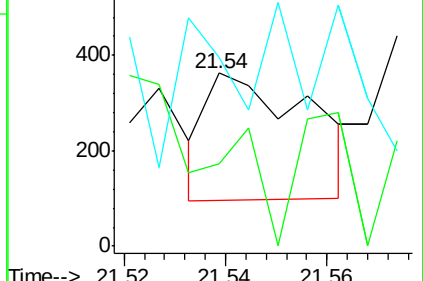
126 108.8 5.5 8.3#

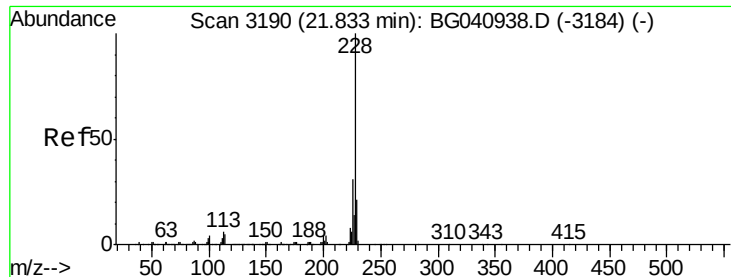


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 4.408 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.15 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-COMP

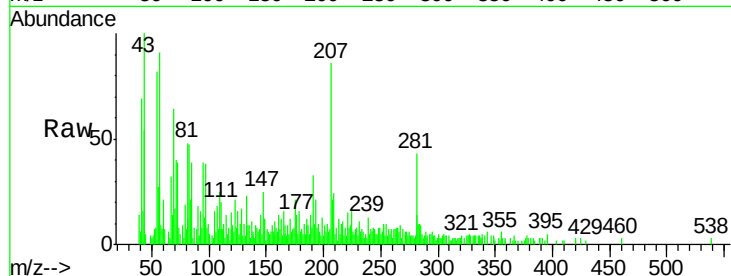
Tot Ion:228 Resp: 187

Ion Ratio Lower Upper

228 100

226 87.5 24.6 37.0#

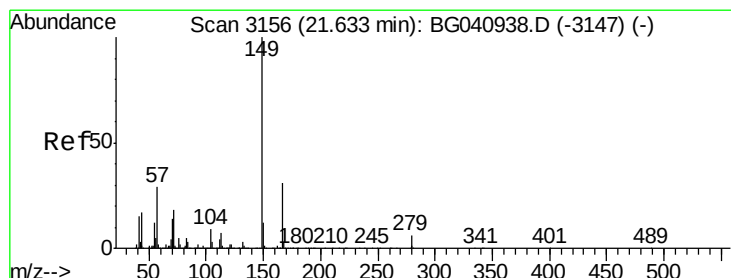
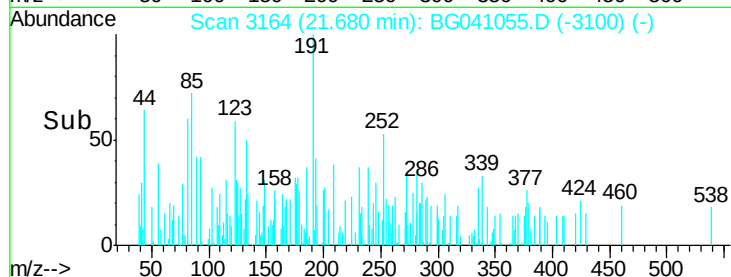
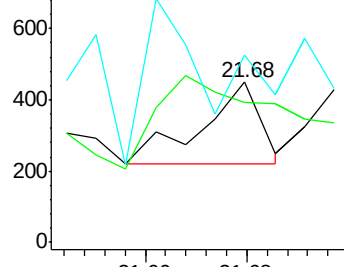
229 117.4 16.6 24.8#



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.643 ng

RT: 21.51 min Scan# 3135

Delta R.T. -0.12 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

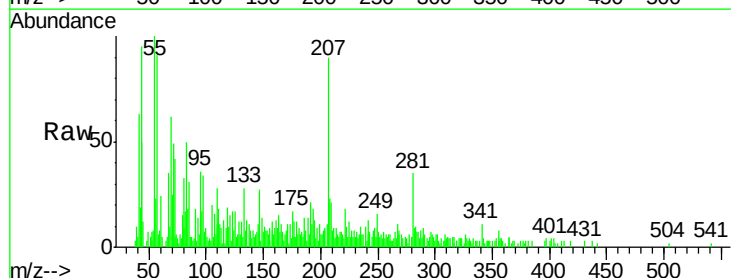
Tgt Ion:149 Resp: 205

Ion Ratio Lower Upper

149 100

167 53.2 24.6 37.0#

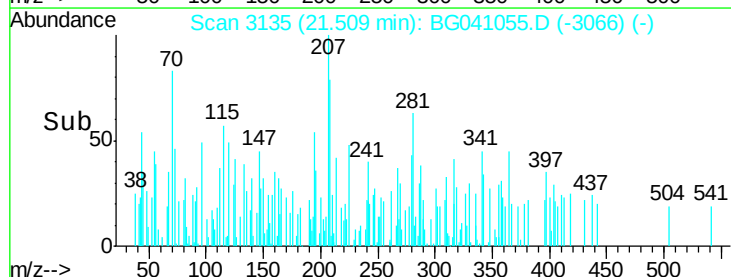
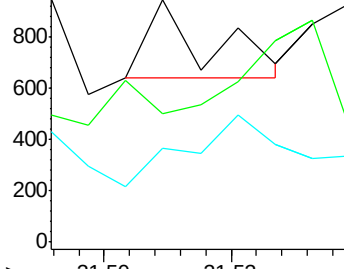
279 38.7 5.0 7.6#

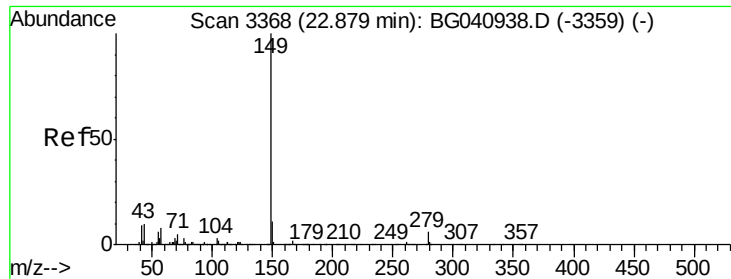


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

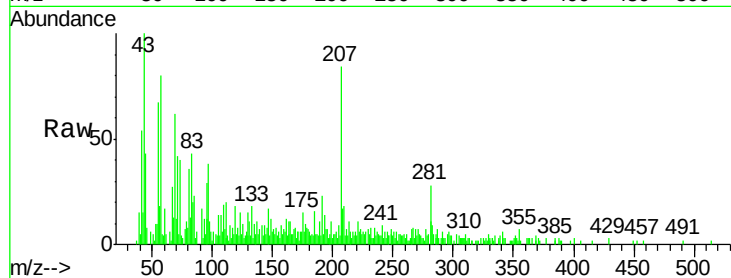




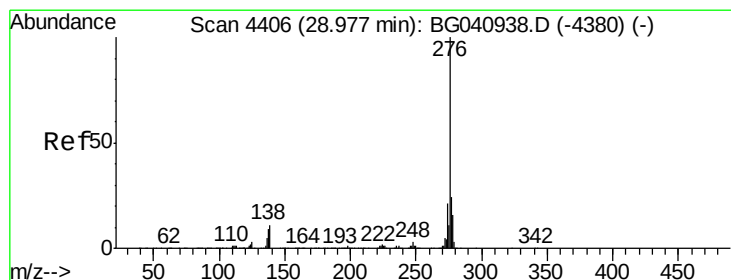
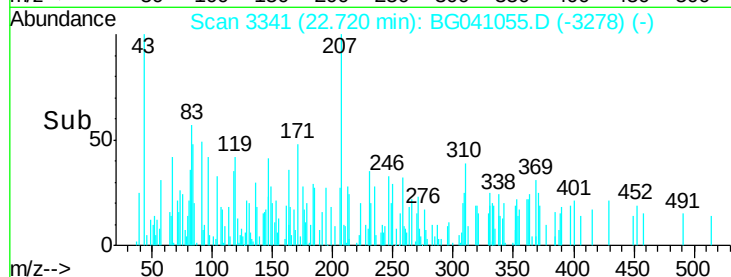
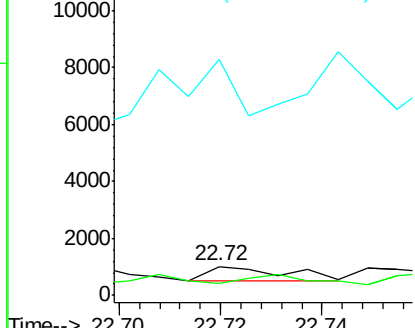
#85
Di-n-octyl phthalate
Concen: 13.443 ng
RT: 22.72 min Scan# 3341
Delta R.T. -0.16 min
Lab File: BG041055.D
Acq: 4 Jun 2019 9:19

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-COMP

Tot Ion:149 Resp: 531
Ion Ratio Lower Upper
149 100
167 25.4 1.4 2.0#
43 386.6 8.1 12.1#

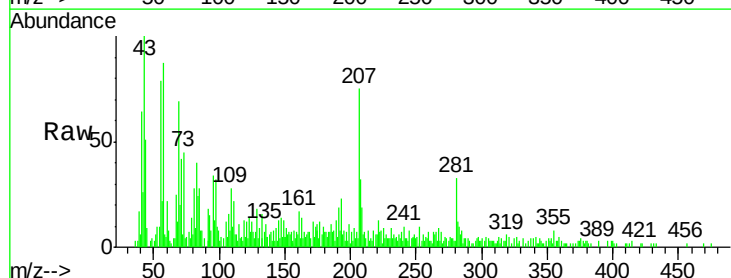


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

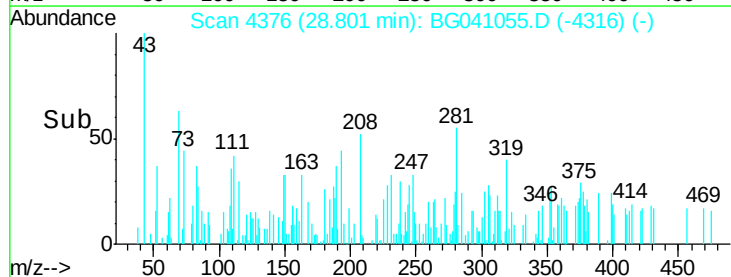
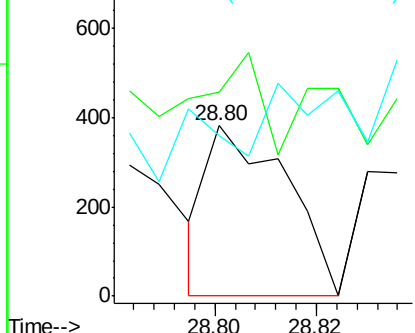


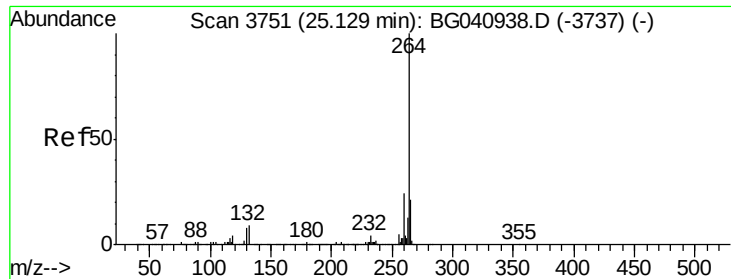
#86
Indeno(1,2,3-cd)pyrene
Concen: 7.985 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.18 min
Lab File: BG041055.D
Acq: 4 Jun 2019 9:19

Tgt Ion:276 Resp: 415
Ion Ratio Lower Upper
276 100
138 0.0 5.7 8.5#
277 36.6 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

Pervlene-d12

Concen: 20.000 ng

RT: 24.98 min Scan# 3726

Delta R.T. -0.15 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-COMP

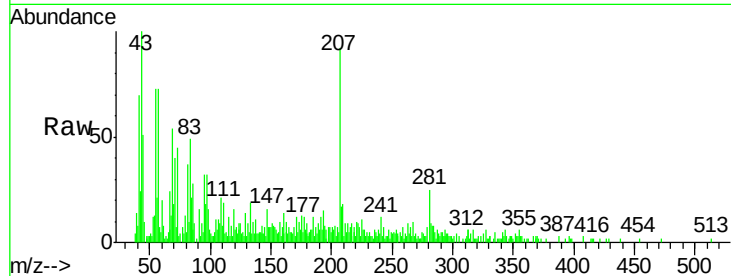
Tot Ion:264 Resp: 614

Ion Ratio Lower Upper

264 100

260 54.5 19.0 28.4#

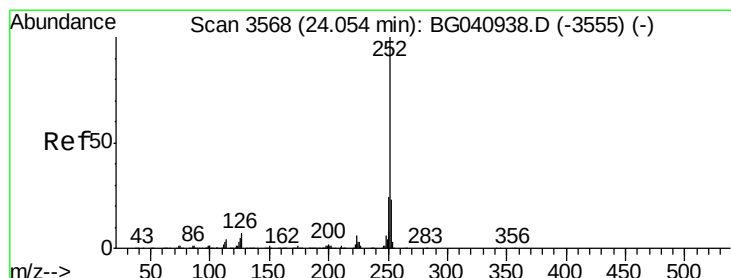
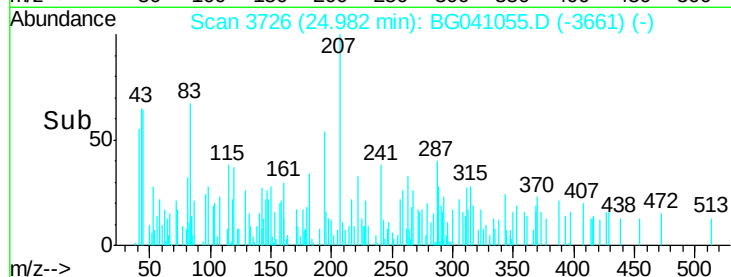
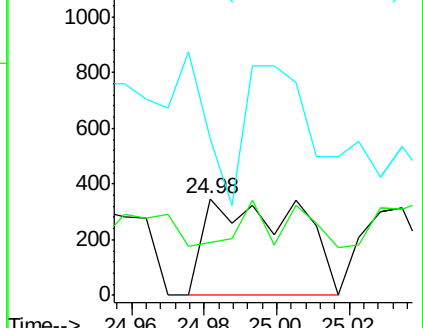
265 162.0 17.0 25.4#



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: 13.453 ng

RT: 23.89 min Scan# 3541

Delta R.T. -0.16 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

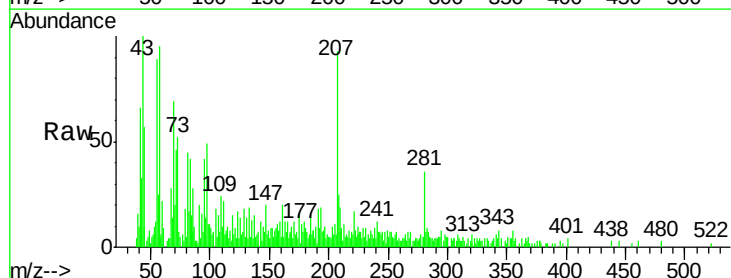
Tgt Ion:252 Resp: 501

Ion Ratio Lower Upper

252 100

253 100.8 18.4 27.6#

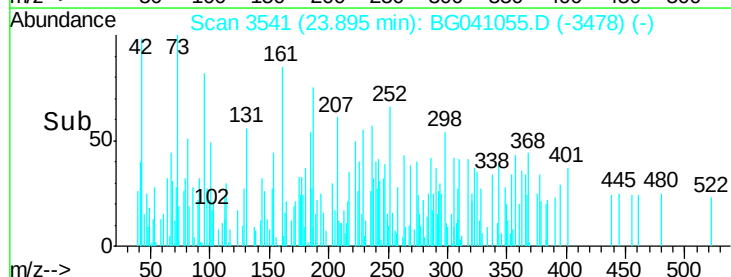
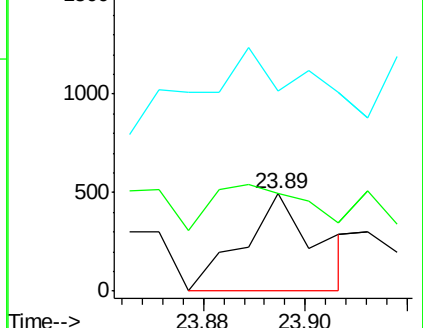
125 205.7 4.3 6.5#

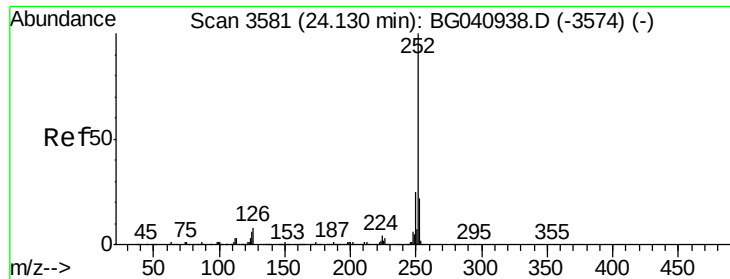


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 4.640 ng

RT: 24.00 min Scan# 3559

Delta R.T. -0.13 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-COMP

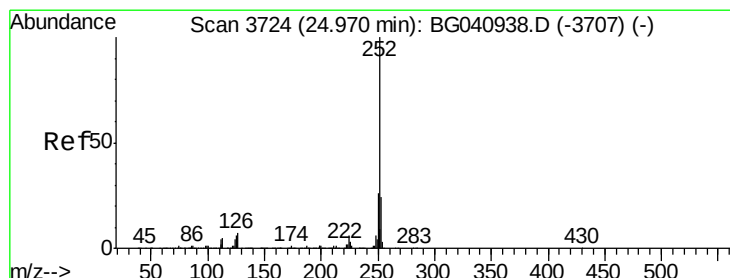
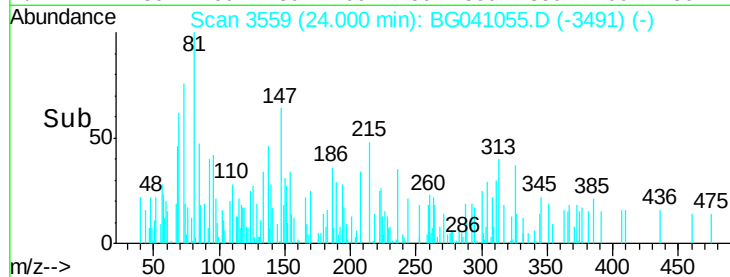
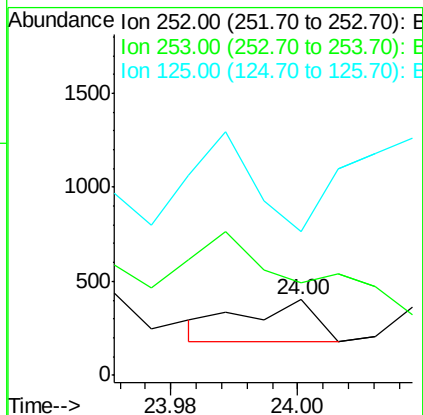
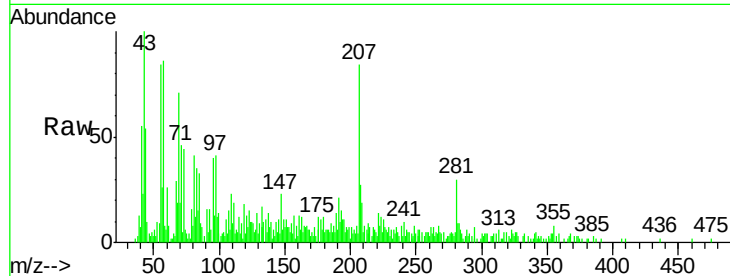
Tot Ion:252 Resp: 171

Ion Ratio Lower Upper

252 100

253 122.7 17.8 26.6#

125 190.0 4.7 7.1#



#90

Benzo(a)pyrene

Concen: 10.019 ng

RT: 24.81 min Scan# 3696

Delta R.T. -0.16 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

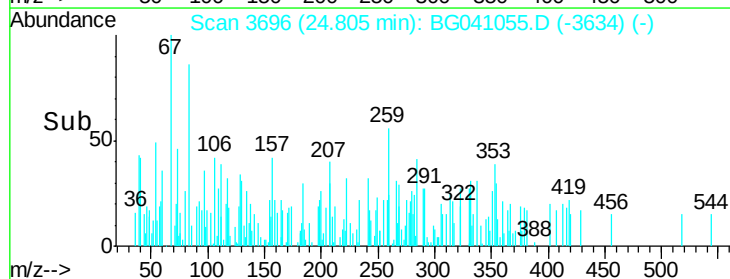
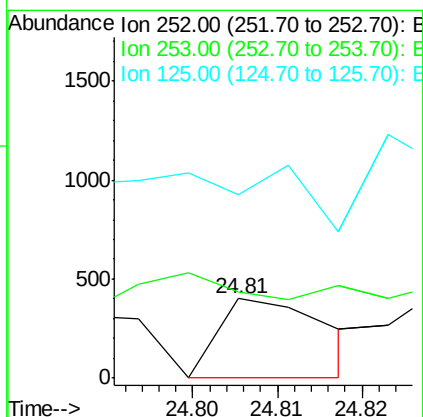
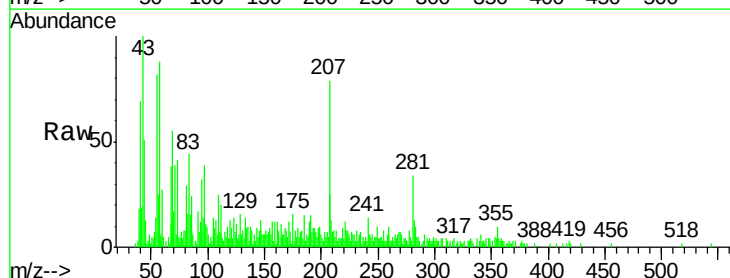
Tgt Ion:252 Resp: 356

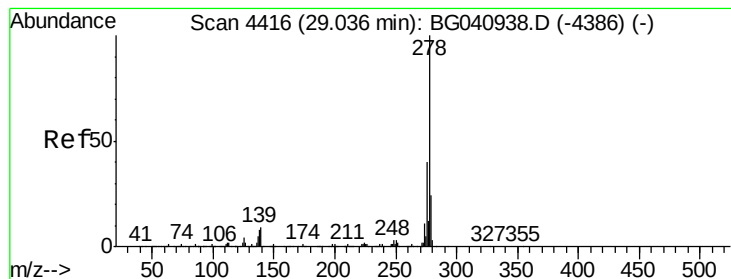
Ion Ratio Lower Upper

252 100

253 108.7 19.5 29.3#

125 230.7 5.1 7.7#





#91

Dibenzo(a,h)anthracene

Concen: 7.971 ng

RT: 28.84 min Scan# 4382

Delta R.T. -0.20 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-COMP

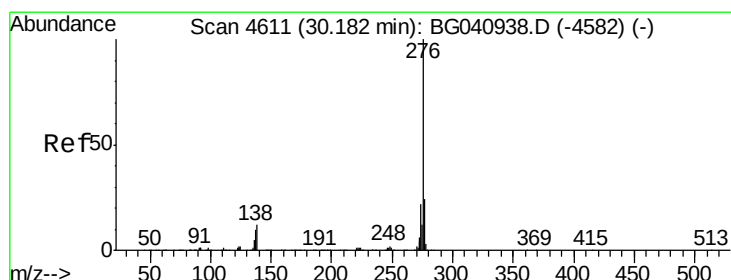
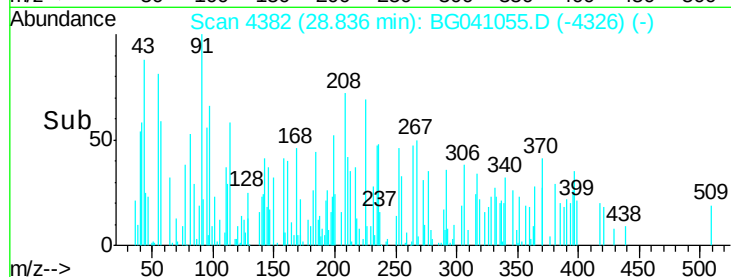
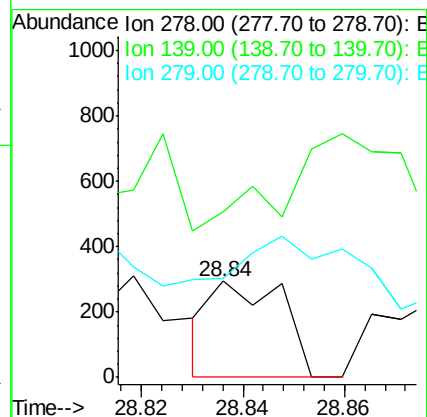
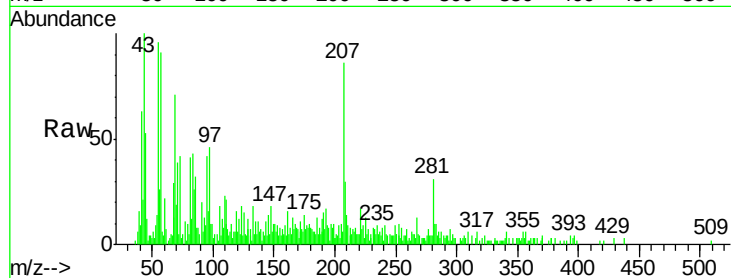
Tot Ion:278 Resp: 283

Ion Ratio Lower Upper

278 100

139 171.9 7.1 10.7#

279 103.4 19.4 29.2#



#92

Benzo(g,h,i)perylene

Concen: 15.975 ng

RT: 30.01 min Scan# 4581

Delta R.T. -0.18 min

Lab File: BG041055.D

Acq: 4 Jun 2019 9:19

Tgt Ion:276 Resp: 551

Ion Ratio Lower Upper

276 100

277 71.6 19.4 29.0#

138 75.0 9.7 14.5#

