

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032517\
 Data File : BG026427.D
 Acq On : 24 Mar 2017 23:07
 Operator : SJ/MA
 Sample : I2379-04MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-4MS

Quant Time: Mar 24 23:52:05 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	131523	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	565894	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	358706	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	887625	20.00	ng	0.00
75) Chrysene-d12	21.63	240	988734	20.00	ng	0.00
86) Perylene-d12	24.81	264	999119	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1222452	164.97	ng	0.00
7) Phenol-d6	7.21	99	1621242	162.97	ng	0.00
23) Nitrobenzene-d5	9.20	82	864515	91.86	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	767359	186.81	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2317049	90.59	ng	0.00
78) Terphenyl-d14	19.98	244	3162076	77.67	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	125408	37.70	ng	# 71
3) Pyridine	3.90	79	316651	34.76	ng	# 61
4) n-Nitrosodimethylamine	3.81	42	109796	44.10	ng	# 1
6) Aniline	7.37	93	425737	32.04	ng	# 84
8) 2-Chlorophenol	7.61	128	449320	53.85	ng	# 77
9) Benzaldehyde	7.18	77	104881	15.62	ng	# 69
10) Phenol	7.24	94	574625	54.13	ng	# 69
11) bis(2-Chloroethyl)ether	7.46	93	405004	46.52	ng	# 80
12) 1,3-Dichlorobenzene	7.93	146	488024	49.13	ng	# 86
13) 1,4-Dichlorobenzene	7.93	146	488024	48.57	ng	# 93
14) 1,2-Dichlorobenzene	8.40	146	473671	49.26	ng	# 91
15) Benzyl Alcohol	8.28	79	337886	51.80	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	8.57	45	381623	39.47	ng	# 81
17) 2-Methylphenol	8.48	107	393619	52.21	ng	# 81
18) Hexachloroethane	9.12	117	152413	46.39	ng	# 93
19) n-Nitroso-di-n-propylamine	8.84	70	297613	46.54	ng	# 69
20) 3+4-Methylphenols	8.81	107	554091	53.38	ng	# 84
22) Acetophenone	8.86	105	647131	49.73	ng	# 73
24) Nitrobenzene	9.24	77	426343	45.88	ng	# 72
25) Isophorone	9.77	82	861992	48.60	ng	# 88
26) 2-Nitrophenol	9.95	139	270640	55.97	ng	# 62
27) 2,4-Dimethylphenol	10.01	122	451522	56.89	ng	# 86
28) bis(2-Chloroethoxy)methane	10.24	93	565097	49.04	ng	# 98
29) 2,4-Dichlorophenol	10.49	162	482564	60.12	ng	# 93
30) 1,2,4-Trichlorobenzene	10.71	180	477844	53.00	ng	# 99
31) Naphthalene	10.89	128	1397405	48.84	ng	# 100
32) Benzoic acid	10.12	122	115785	18.96	ng	# 72
33) 4-Chloroaniline	11.00	127	150349	12.92	ng	# 81
34) Hexachlorobutadiene	11.18	225	269155	50.60	ng	# 94
35) Caprolactam	11.77	113	87630	27.71	ng	# 47
36) 4-Chloro-3-methylphenol	12.12	107	486126	56.62	ng	# 72
37) 2-Methylnaphthalene	12.49	142	1097392	52.36	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	529712	49.08	ng	# 97
40) Hexachlorocyclopentadiene	12.84	237	559253	98.44	ng	# 95

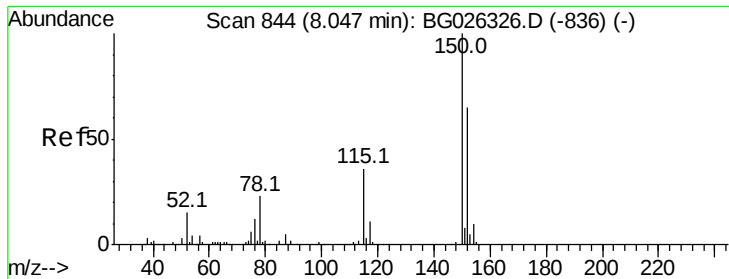
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	396862	56.16	nq	94
43) 2,4,5-Trichlorophenol	13.17	196	430860	55.16	nq #	91
45) 1,1'-Biphenyl	13.49	154	1424053	47.94	nq	98
46) 2-Chloronaphthalene	13.53	162	1076232	49.60	nq	97
47) 2-Nitroaniline	13.73	65	290474	47.08	nq #	47
48) Acenaphthylene	14.38	152	1804998	47.72	nq	99
49) Dimethylphthalate	14.10	163	1606309	59.33	nq	100
50) 2,6-Dinitrotoluene	14.22	165	349543	55.32	nq #	55
51) Acenaphthene	14.71	154	1139367	48.92	nq	100
52) 3-Nitroaniline	14.55	138	208478	29.96	nq #	69
53) 2,4-Dinitrophenol	14.76	184	386022	105.31	nq #	74
54) Dibenzofuran	15.05	168	1743010	53.15	nq	90
55) 4-Nitrophenol	14.87	139	635877	111.60	nq #	35
56) 2,4-Dinitrotoluene	15.01	165	497233	55.95	nq #	65
57) Fluorene	15.69	166	1448746	49.64	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	416612	61.15	nq #	95
59) Diethylphthalate	15.46	149	1444476	52.20	nq	99
60) 4-Chlorophenyl-phenylether	15.68	204	721865	52.20	nq	89
61) 4-Nitroaniline	15.71	138	393277	53.43	nq #	50
62) Azobenzene	15.97	77	1133970	50.40	nq	78
64) 4,6-Dinitro-2-methylphenol	15.78	198	314624	56.22	nq #	81
65) n-Nitrosodiphenylamine	15.89	169	1311920	50.36	nq	98
66) 4-Bromophenyl-phenylether	16.57	248	495429	54.23	nq	94
67) Hexachlorobenzene	16.70	284	518680	53.22	nq	90
68) Atrazine	16.83	200	493152	50.01	nq	96
69) Pentachlorophenol	17.04	266	667530	105.35	nq	96
70) Phenanthrene	17.43	178	2272400	47.67	nq	99
71) Anthracene	17.51	178	2360655	48.54	nq	96
72) Carbazole	17.78	167	2275822	45.45	nq	97
73) Di-n-butylphthalate	18.33	149	2492250	48.45	nq #	95
74) Fluoranthene	19.42	202	2667117	47.58	nq	97
76) Benzidine	19.60	184	1148713	33.70	nq	98
77) Pyrene	19.79	202	2708680	47.31	nq	98
79) Butylbenzylphthalate	20.66	149	1174240	51.26	nq #	84
80) Benzo(a)anthracene	21.61	228	2667255	47.94	nq	98
81) 3,3'-Dichlorobenzidine	21.52	252	654174	28.72	nq	99
82) Chrysene	21.67	228	2432238	45.75	nq	99
83) Bis(2-ethylhexyl)phthalate	21.51	149	1696975	49.05	nq	97
84) Di-n-octyl phthalate	22.70	149	2879562	48.77	nq #	80
85) Indeno(1,2,3-cd)pyrene	28.44	276	3462701	52.76	nq #	87
87) Benzo(b)fluoranthene	23.80	252	2928822	49.73	nq #	96
88) Benzo(k)fluoranthene	23.87	252	2721485	47.65	nq #	96
89) Benzo(a)pyrene	24.67	252	2796924	49.51	nq #	96
90) Dibenzo(a,h)anthracene	28.49	278	2875797	50.37	nq #	93
91) Benzo(g,h,i)perylene	29.58	276	2874438	49.97	nq #	87

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.00 min

Lab File: BG026427.D

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ClientSampleId :

B-4MS

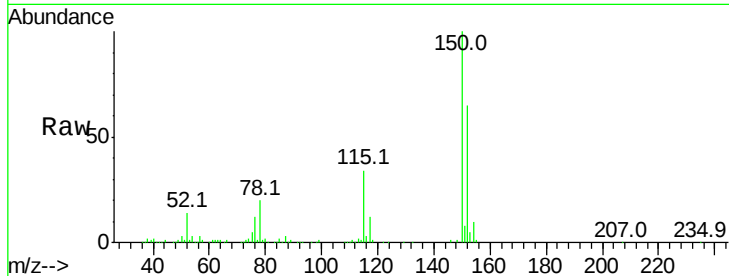
Tot Ion:152 Resp: 131523

Ion Ratio Lower Upper

152 100

150 154.2 114.0 171.0

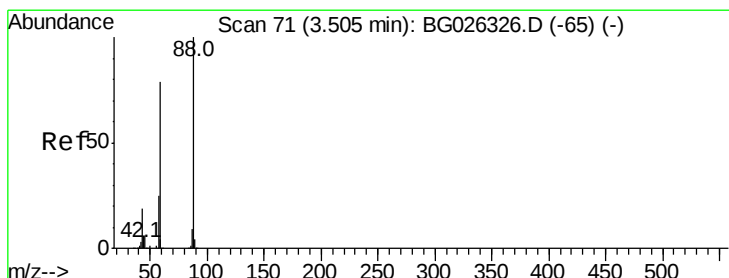
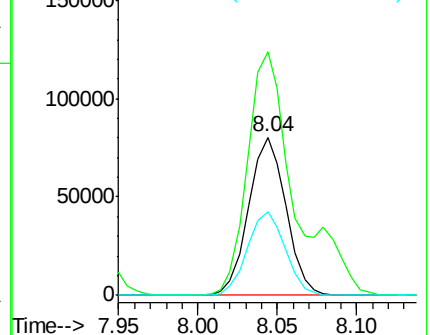
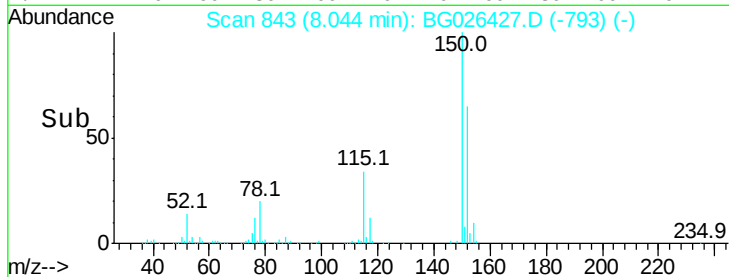
115 53.2 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.70 ng

RT: 3.50 min Scan# 70

Delta R.T. -0.00 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

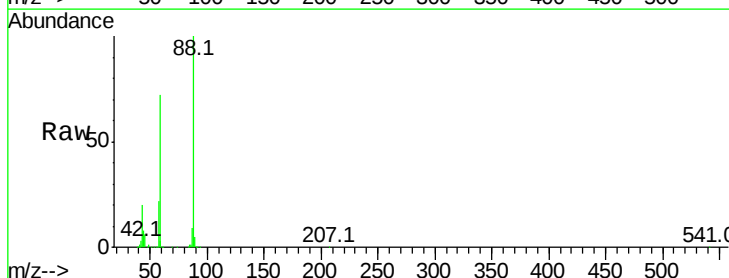
Tgt Ion: 88 Resp: 125408

Ion Ratio Lower Upper

88 100

58 72.3 79.4 119.2#

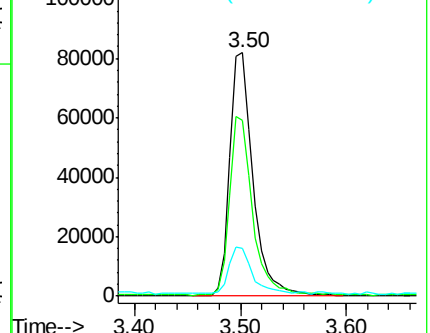
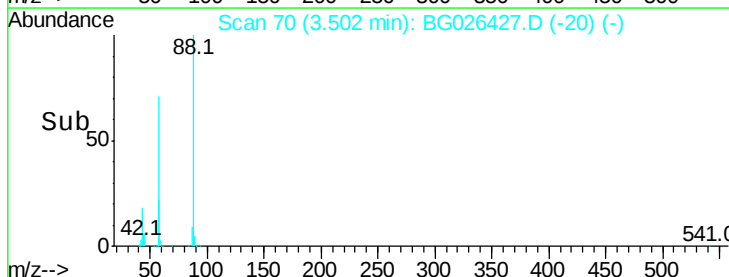
43 20.1 33.8 50.6#



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.76 ng

RT: 3.90 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

Instrument :

BNA_G

ClientSampleId :

B-4MS

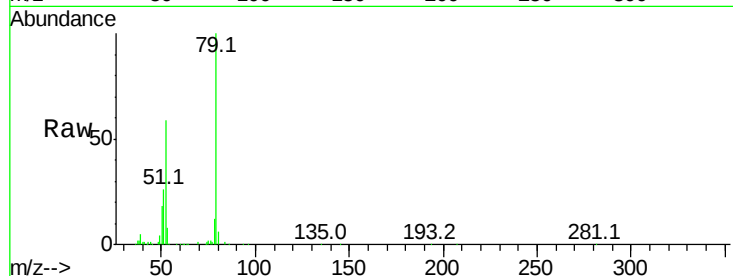
Tot Ion: 79 Resp: 316651

Ion Ratio Lower Upper

79 100

52 59.0 77.8 116.6#

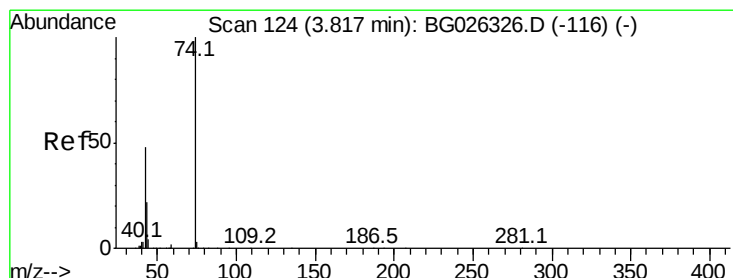
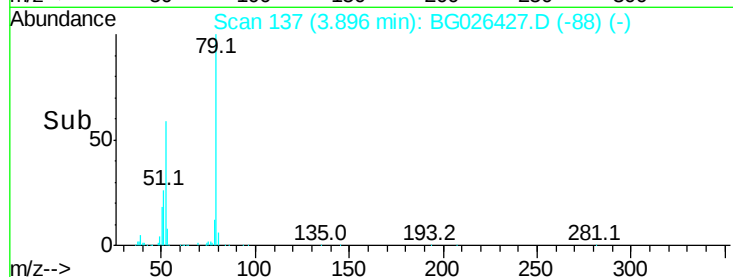
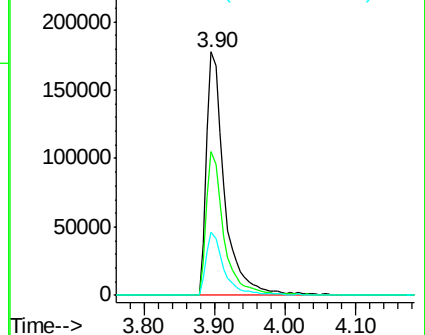
51 25.9 43.2 64.8#



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: 44.10 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.00 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

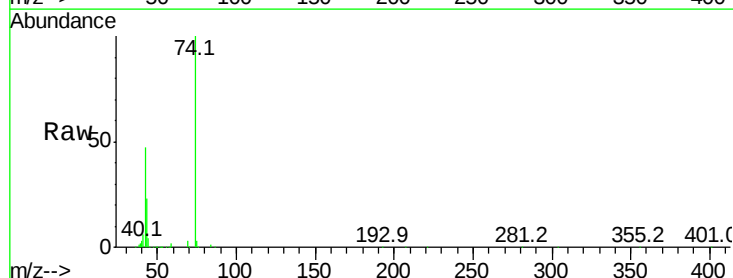
Tgt Ion: 42 Resp: 109796

Ion Ratio Lower Upper

42 100

74 212.4 76.7 115.1#

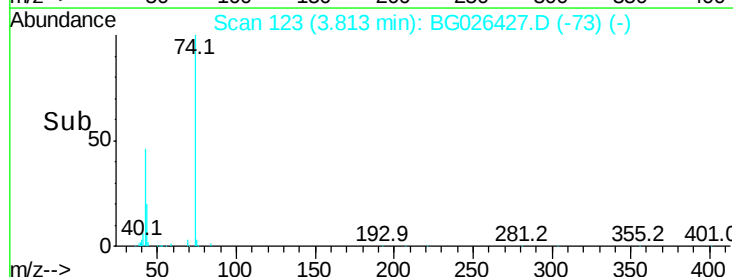
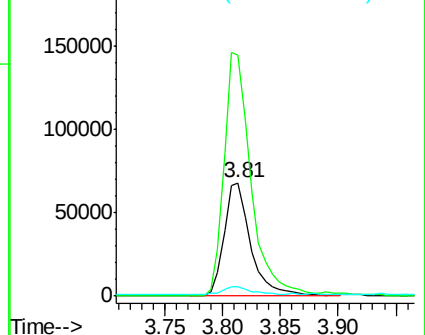
44 7.8 6.1 9.1

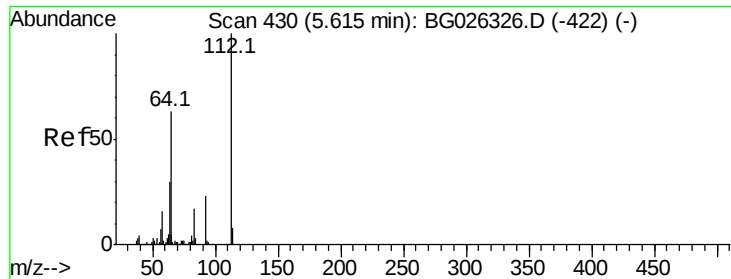


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 164.97 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

Instrument :

BNA_G

ClientSampleId :

B-4MS

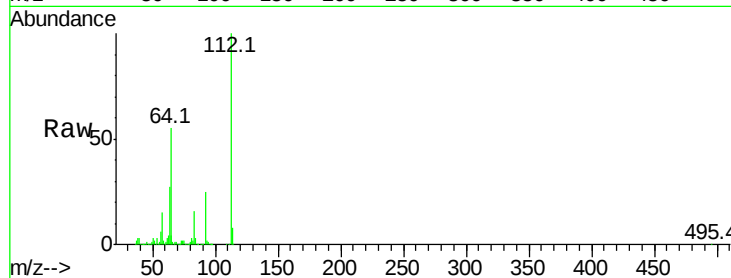
Tot Ion:112 Resp: 1222452

Ion Ratio Lower Upper

112 100

64 55.2 61.8 92.6#

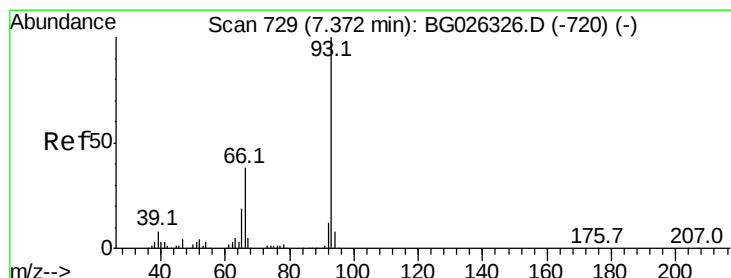
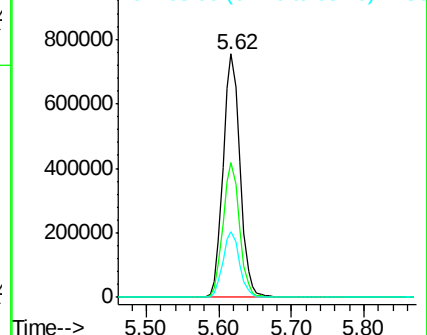
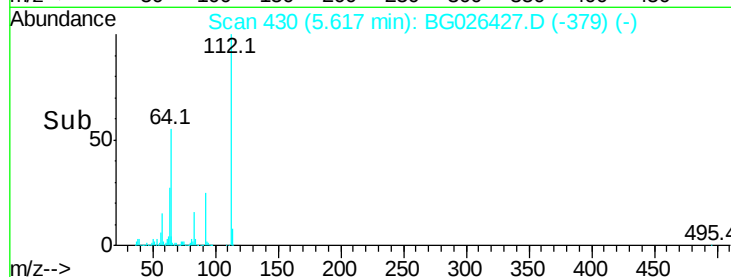
63 26.9 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.04 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

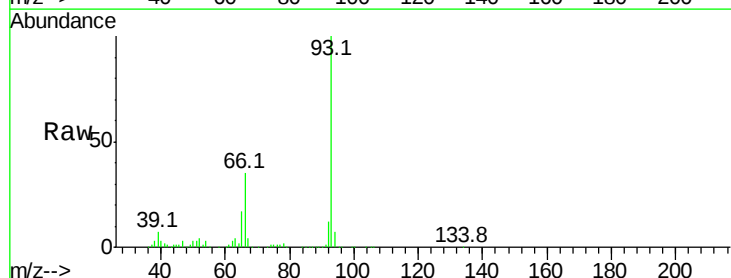
Tgt Ion: 93 Resp: 425737

Ion Ratio Lower Upper

93 100

66 35.0 35.4 53.2#

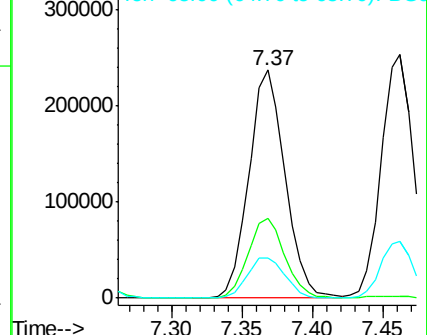
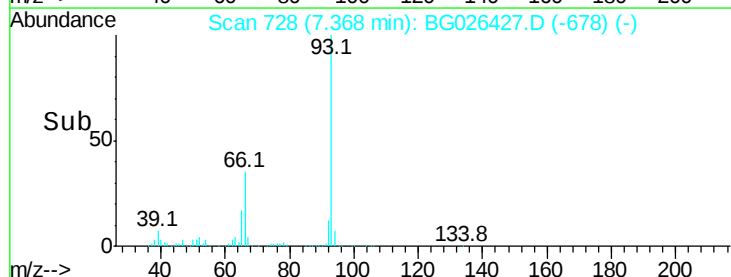
65 17.5 21.2 31.8#

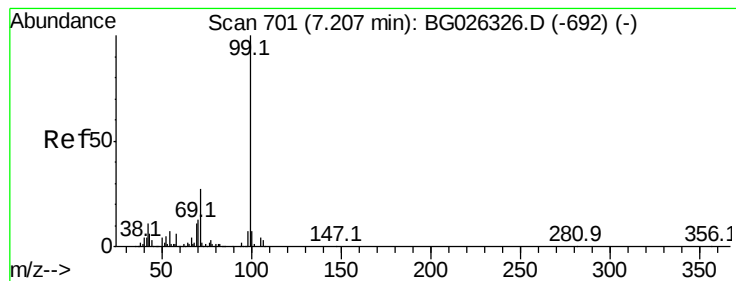


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 162.97 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

Instrument :

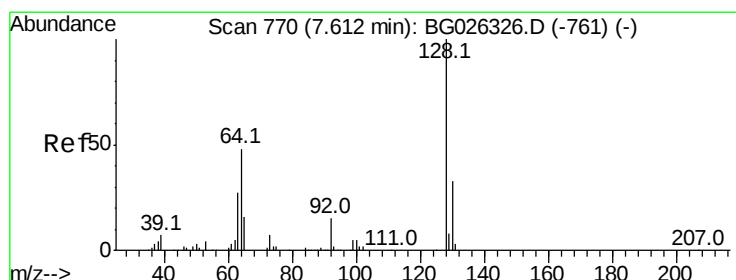
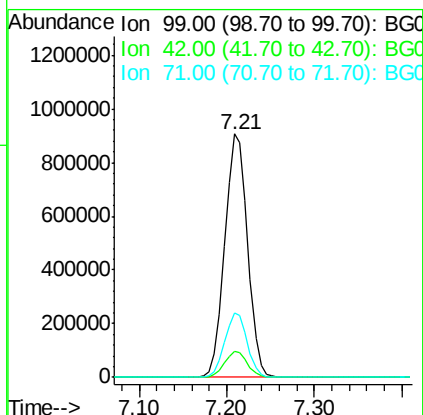
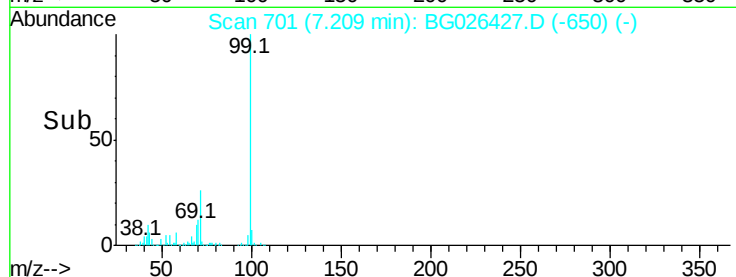
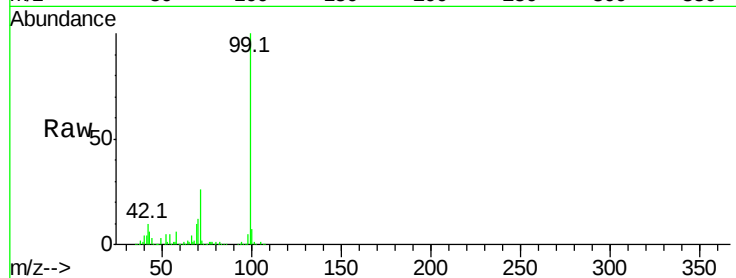
BNA_G

ClientSampleId :

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Tot Ion: 99 Resp: 1621242

Ion	Ratio	Lower	Upper
99	100		
42	10.5	20.5	30.7#
71	26.5	37.6	56.4#



#8

2-Chlorophenol

Concen: 53.85 ng

RT: 7.61 min Scan# 770

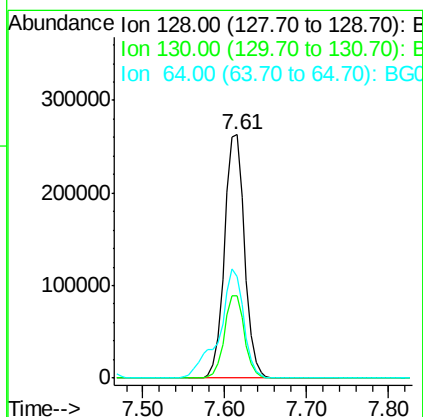
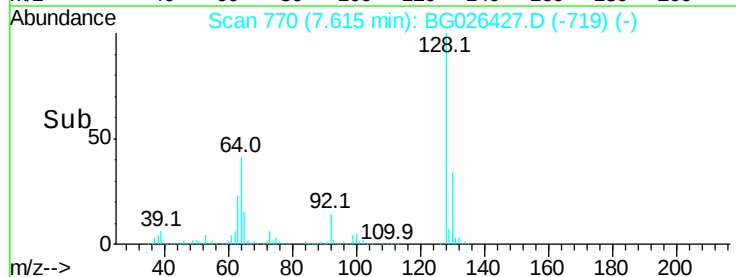
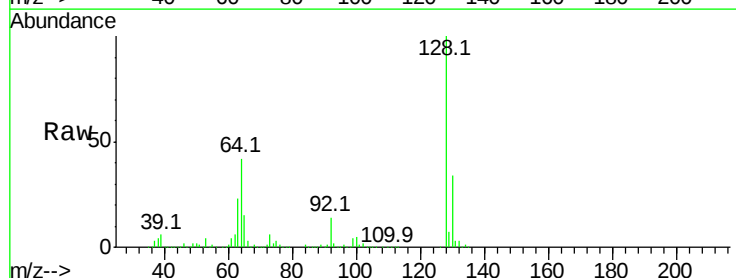
Delta R.T. 0.00 min

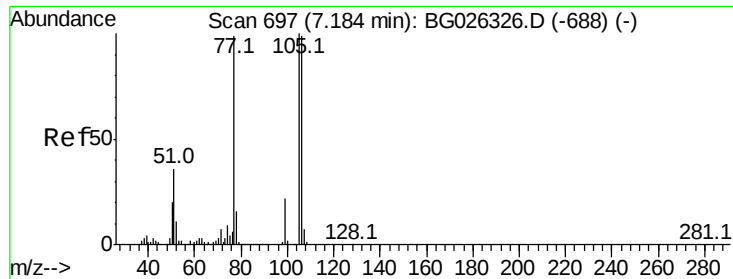
Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

Tgt Ion: 128 Resp: 449320

Ion	Ratio	Lower	Upper
128	100		
130	34.0	11.4	51.4
64	41.6	46.6	86.6#





#9

Benzaldehyde

Concen: 15.62 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

Instrument :

BNA_G

ClientSampleId :

B-4MS

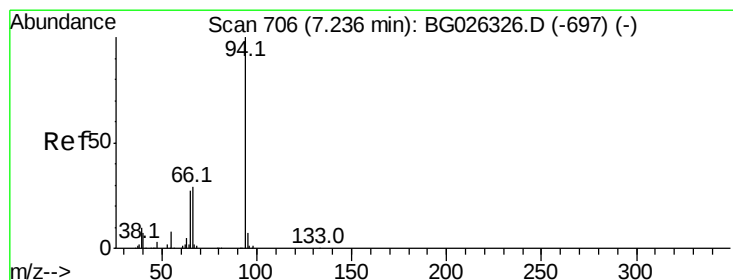
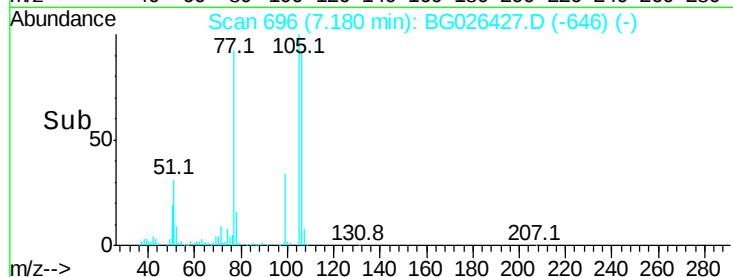
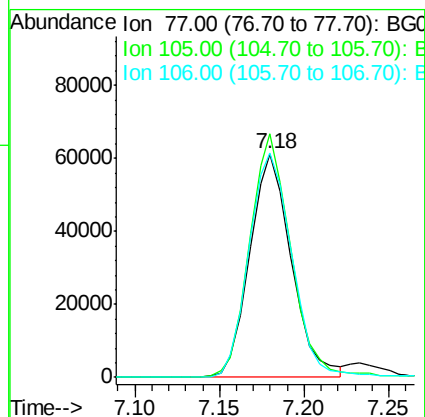
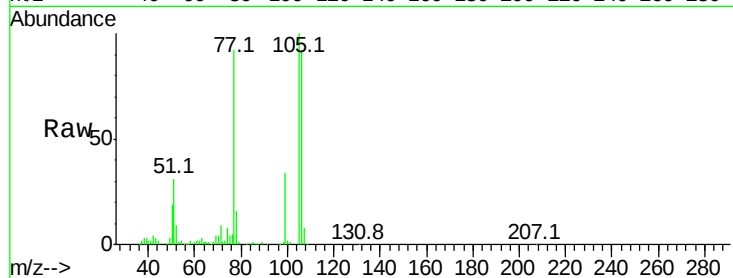
Tot Ion: 77 Resp: 104881

Ion Ratio Lower Upper

77 100

105 108.8 60.9 100.9#

106 100.3 55.1 95.1#



#10

Phenol

Concen: 54.13 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

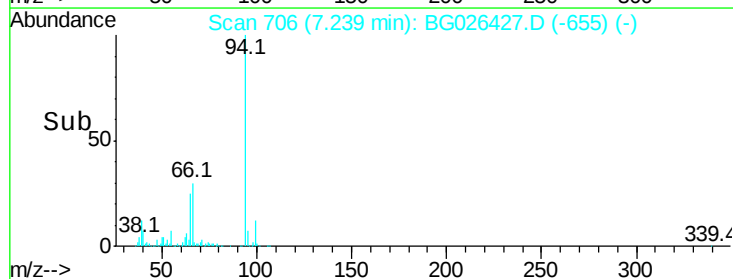
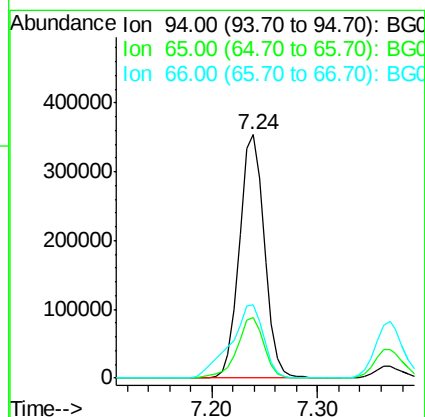
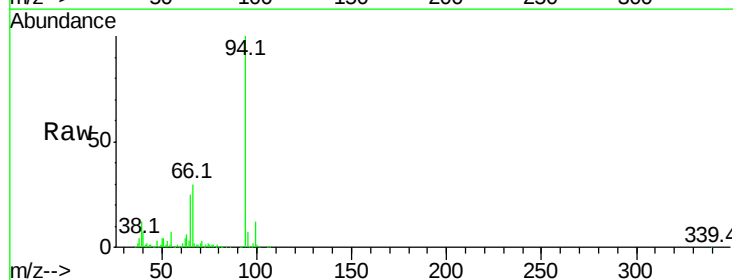
Tgt Ion: 94 Resp: 574625

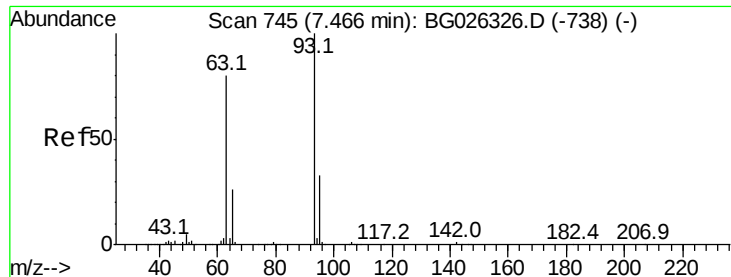
Ion Ratio Lower Upper

94 100

65 24.7 20.6 60.6

66 30.0 35.5 75.5#





#11

bis(2-Chloroethyl)ether

Concen: 46.52 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

Instrument :

BNA_G

ClientSampleId :

B-4MS

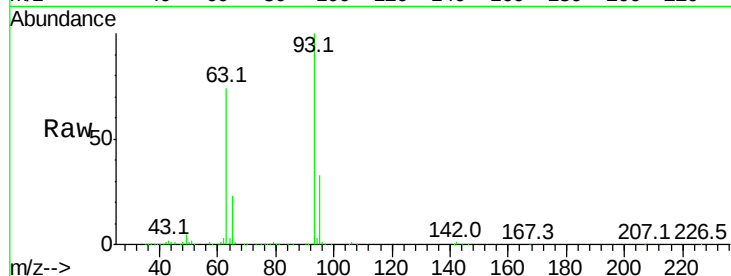
Tot Ion: 93 Resp: 405004

Ion Ratio Lower Upper

93 100

63 73.7 78.5 118.5#

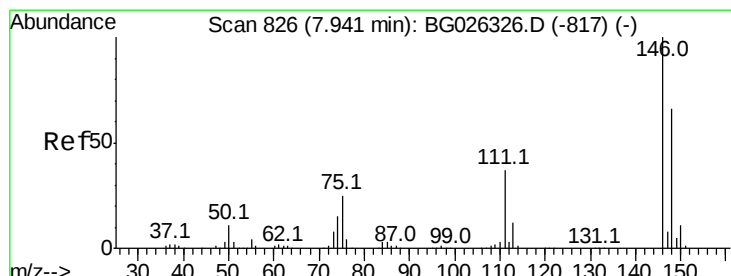
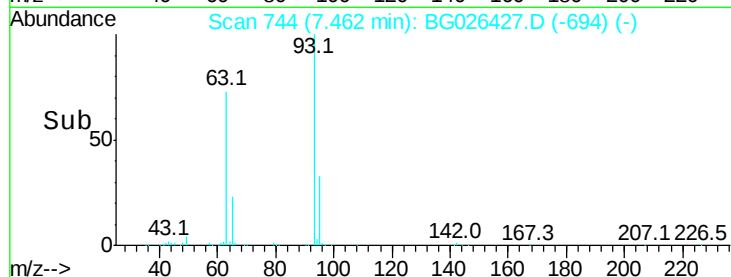
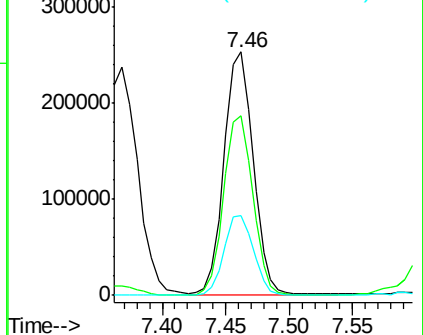
95 32.8 9.8 49.8



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



#12

1,3-Dichlorobenzene

Concen: 49.13 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

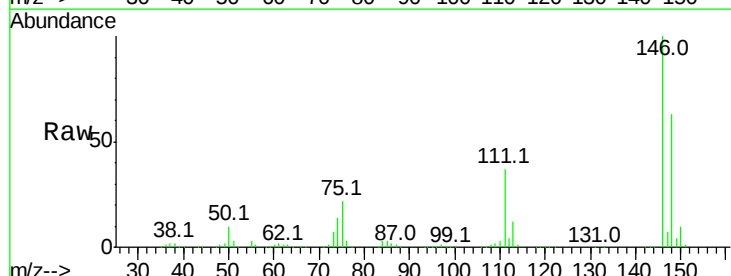
Tgt Ion: 146 Resp: 488024

Ion Ratio Lower Upper

146 100

148 62.9 49.2 73.8

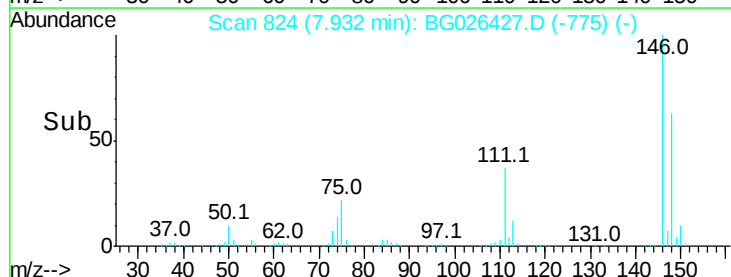
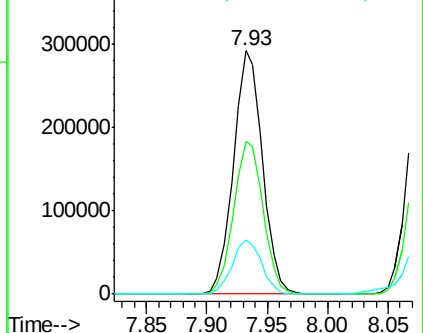
75 22.3 33.4 50.2#

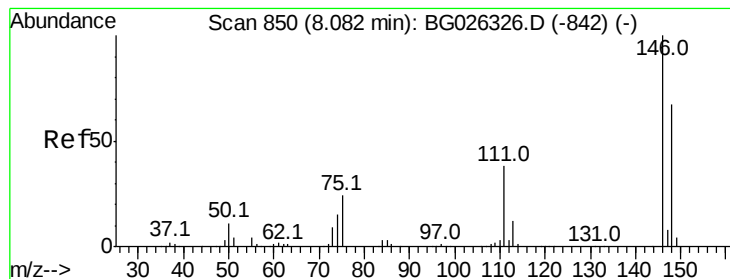


Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 48.57 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.15 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

Instrument :

BNA_G

ClientSampleId :

B-4MS

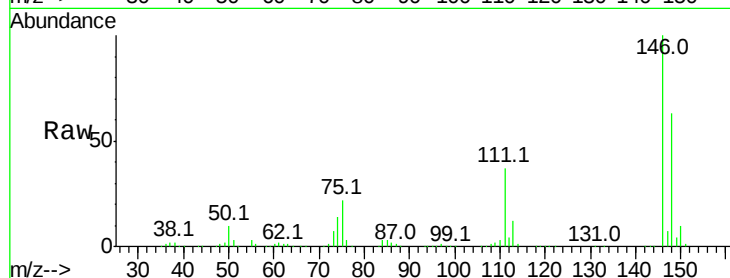
Tot Ion:146 Resp: 488024

Ion Ratio Lower Upper

146 100

148 62.9 52.2 78.2

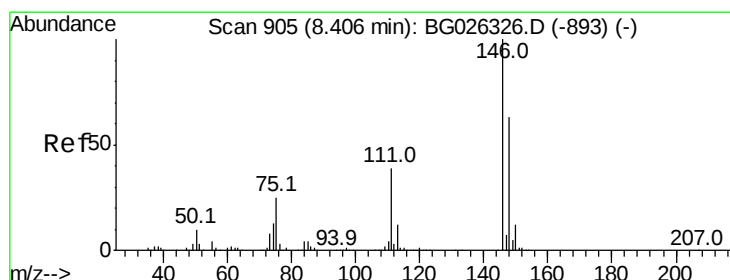
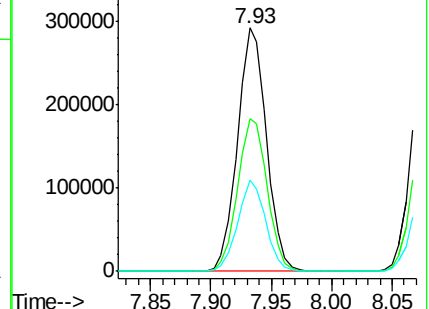
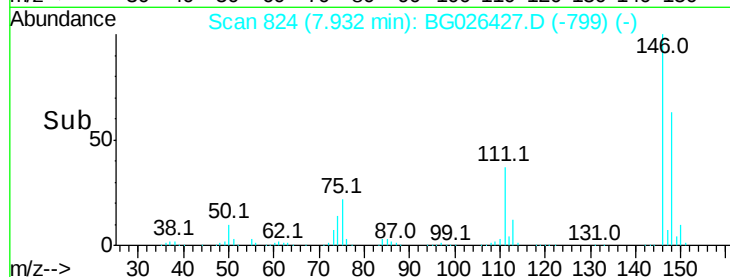
111 37.3 37.0 55.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 49.26 ng

RT: 8.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

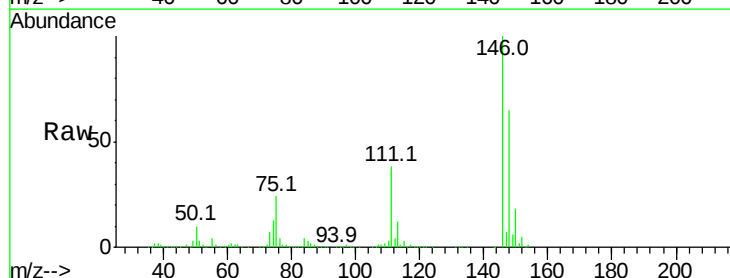
Tgt Ion:146 Resp: 473671

Ion Ratio Lower Upper

146 100

148 64.9 54.6 81.8

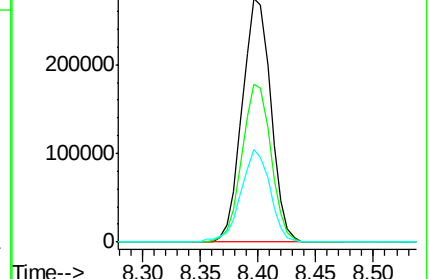
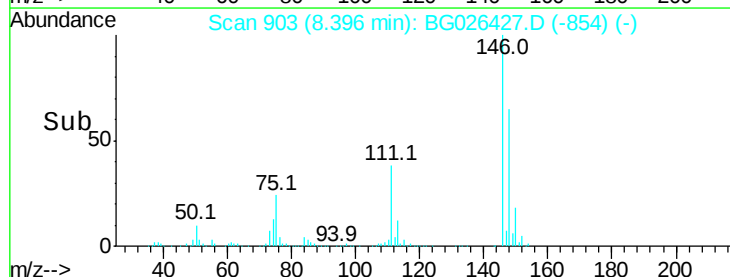
111 38.2 39.7 59.5#

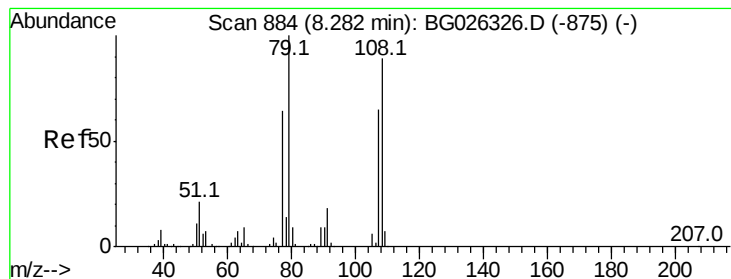


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 51.80 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

Instrument :

BNA_G

ClientSampled :

B-4MS

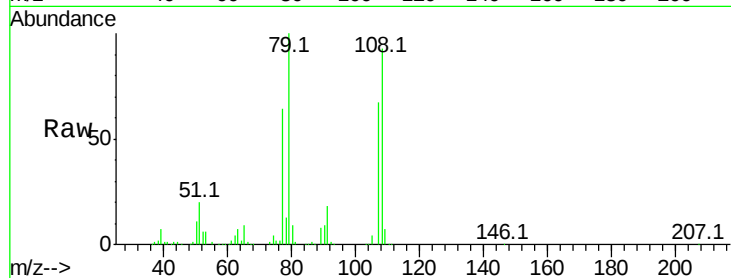
Tot Ion: 79 Resp: 337886

Ion Ratio Lower Upper

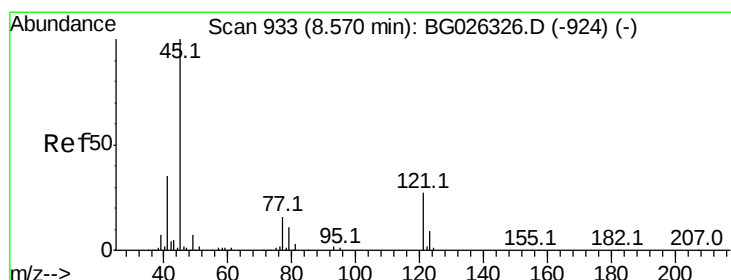
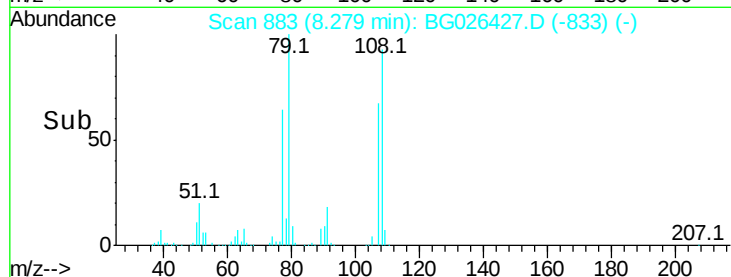
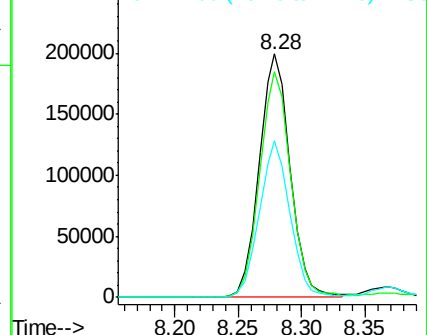
79 100

108 92.9 45.5 68.3#

77 64.0 54.3 81.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.47 ng

RT: 8.57 min Scan# 933

Delta R.T. 0.00 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

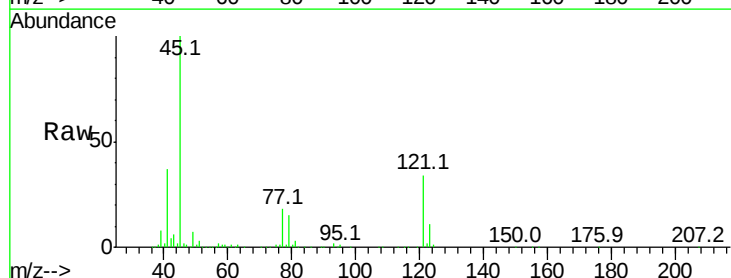
Tgt Ion: 45 Resp: 381623

Ion Ratio Lower Upper

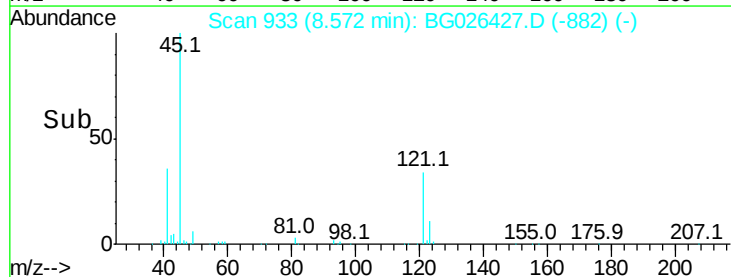
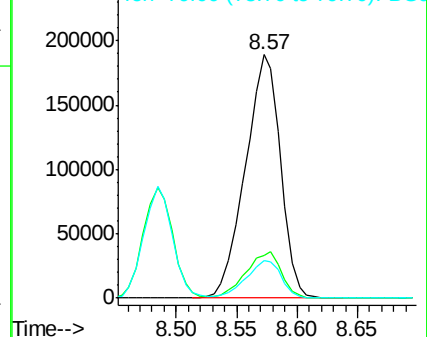
45 100

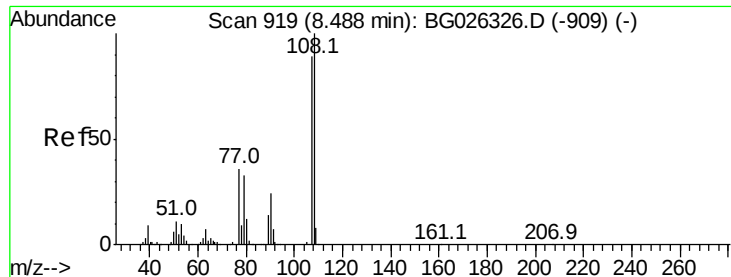
77 17.8 0.0 30.6

79 15.3 0.0 28.5



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





#17

2-Methylphenol

Concen: 52.21 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

Instrument :

BNA_G

ClientSampleId :

B-4MS

Tot Ion:107 Resp: 393619

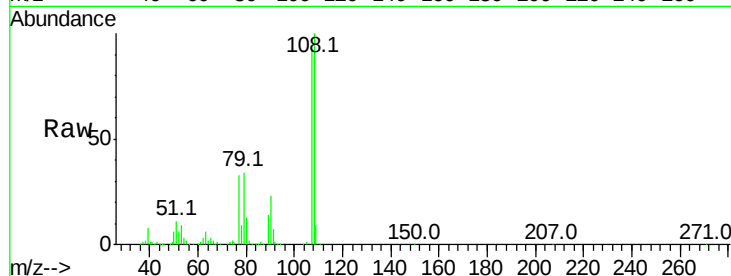
Ion Ratio Lower Upper

107 100

108 108.8 85.6 128.4

77 36.4 51.4 77.2#

79 37.1 49.2 73.8#

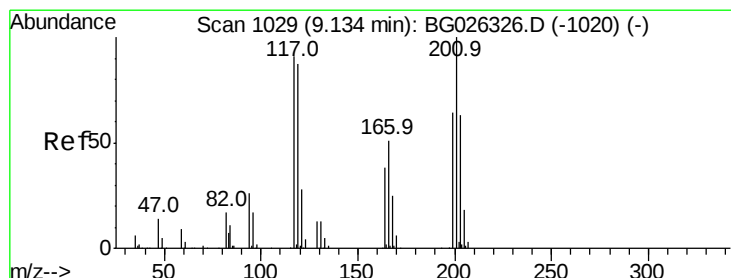
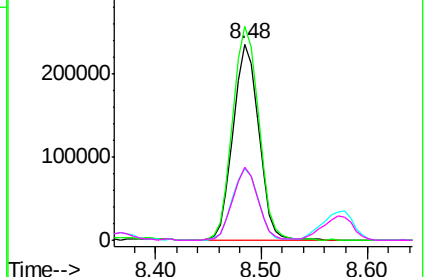
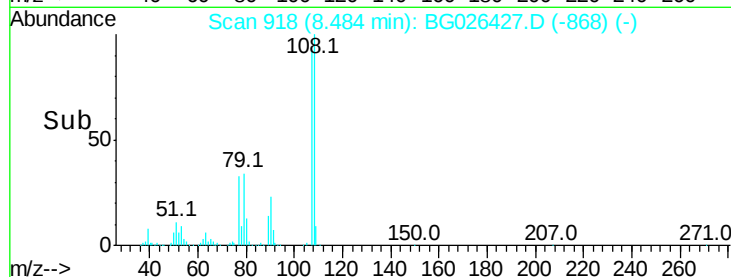


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 46.39 ng

RT: 9.12 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

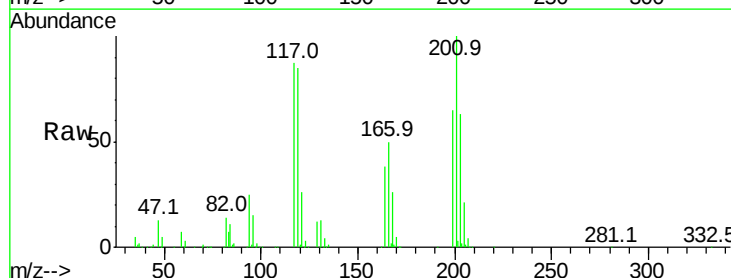
Tgt Ion:117 Resp: 152413

Ion Ratio Lower Upper

117 100

119 97.4 69.8 104.6

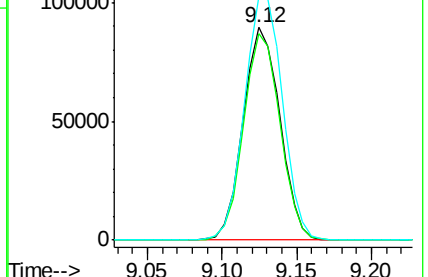
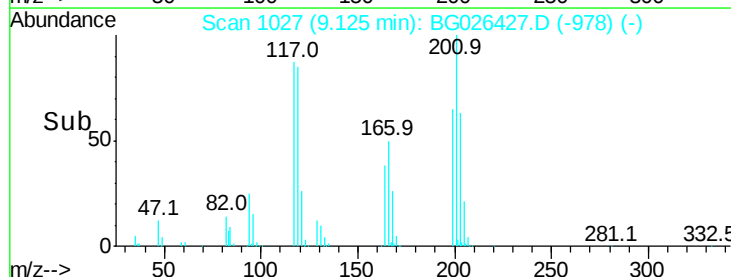
201 114.6 95.4 143.0

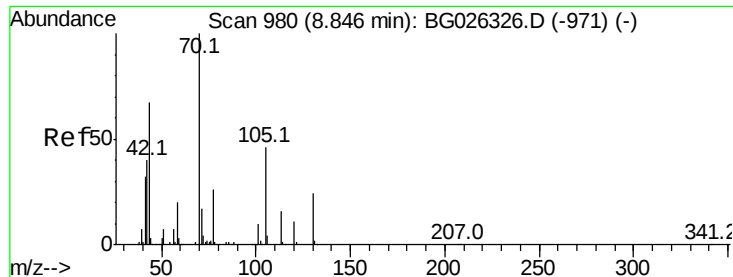


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

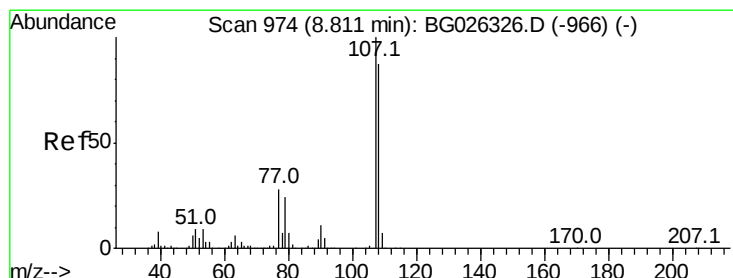
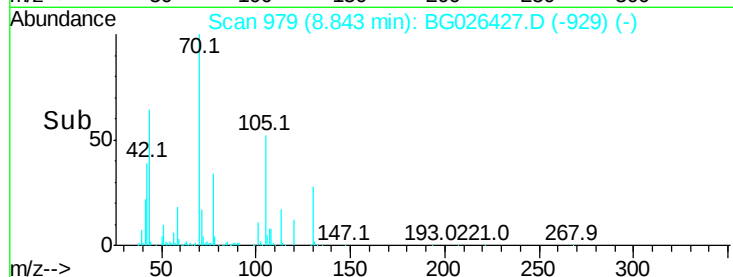
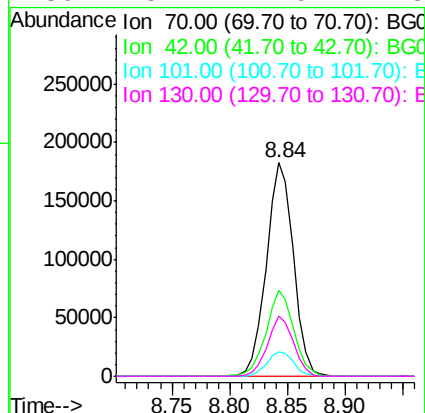
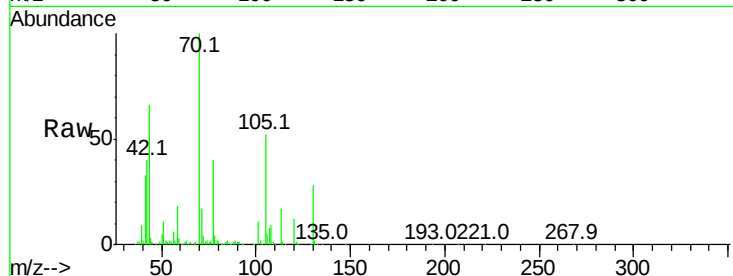




#19
n-Nitroso-di-n-propylamine
Concen: 46.54 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG026427.D
Acq: 24 Mar 2017 23:07

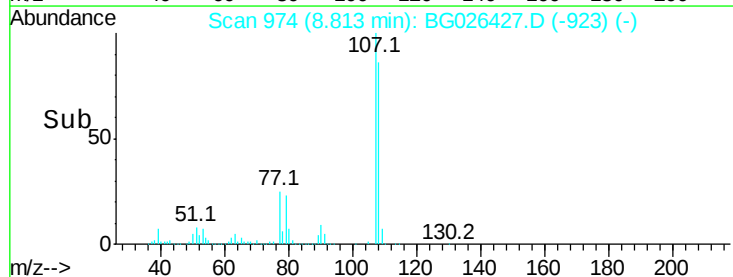
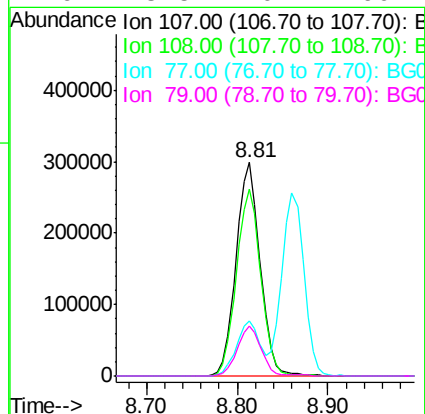
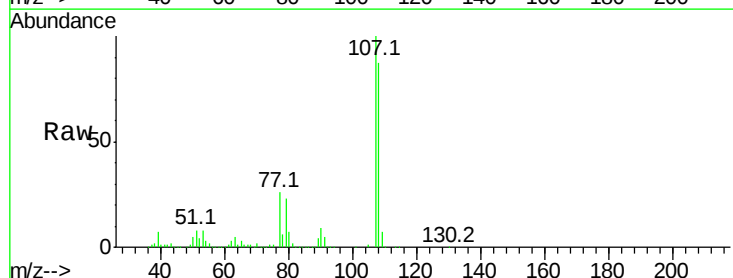
Instrument :
BNA_G
ClientSampleId :
B-4MS

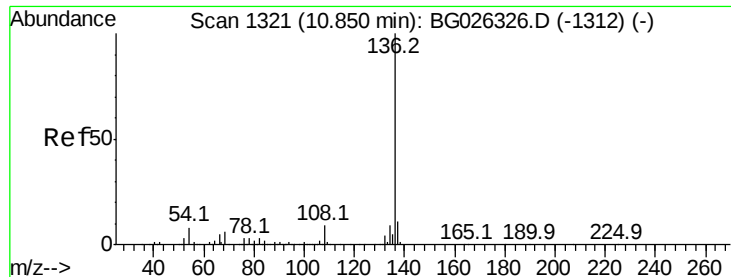
Tot Ion: 70 Resp: 297613
Ion Ratio Lower Upper
70 100
42 40.0 56.1 84.1#
101 11.5 7.5 11.3#
130 28.4 14.6 21.8#



#20
3+4-Methylphenols
Concen: 53.38 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG026427.D
Acq: 24 Mar 2017 23:07

Tgt Ion: 107 Resp: 554091
Ion Ratio Lower Upper
107 100
108 87.3 70.8 110.8
77 25.8 25.8 65.8
79 23.5 20.1 60.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

Instrument :

BNA_G

ClientSampleId :

B-4MS

Tot Ion:136 Resp: 565894

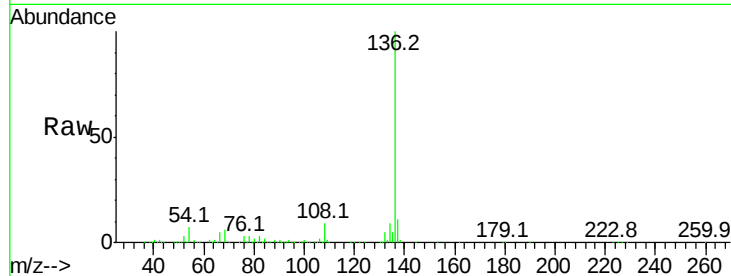
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 6.5 9.3 13.9#

68 5.6 5.1 7.7

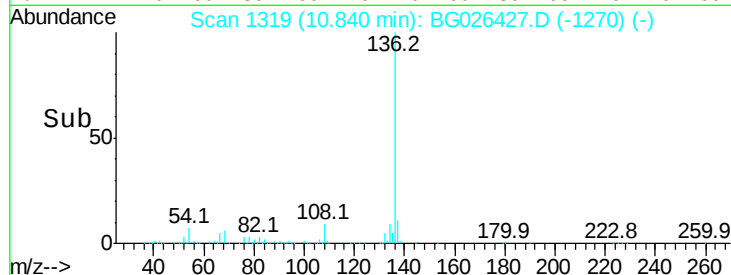


Abundance Ion 136.00 (135.70 to 136.70): E

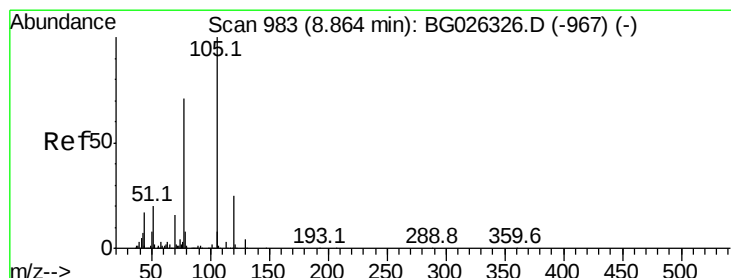
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#22

Acetophenone

Concen: 49.73 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.00 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

Tgt Ion:105 Resp: 647131

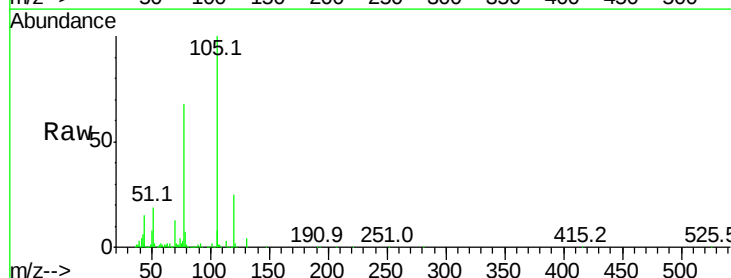
Ion Ratio Lower Upper

105 100

71 2.3 0.9 1.3#

51 18.5 34.0 51.0#

120 24.7 17.3 25.9

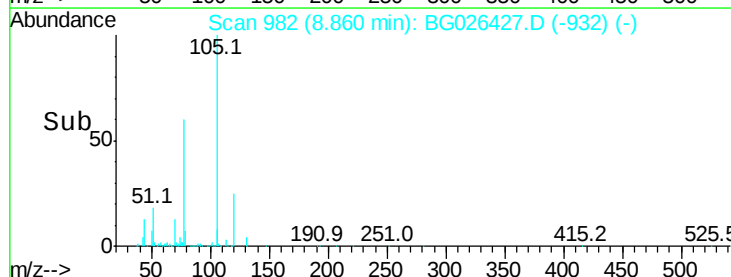


Abundance Ion 105.00 (104.70 to 105.70): E

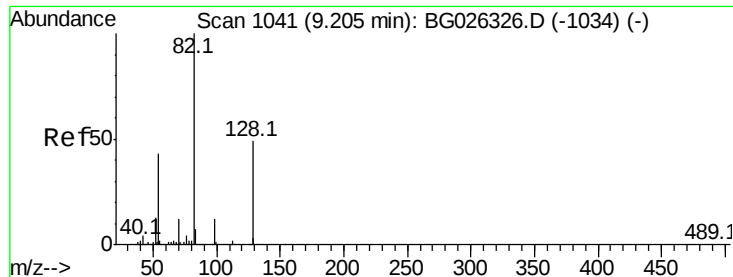
Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



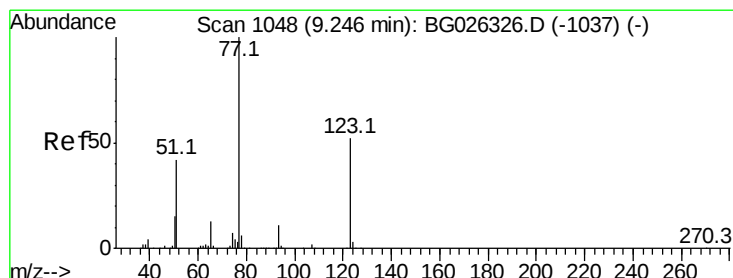
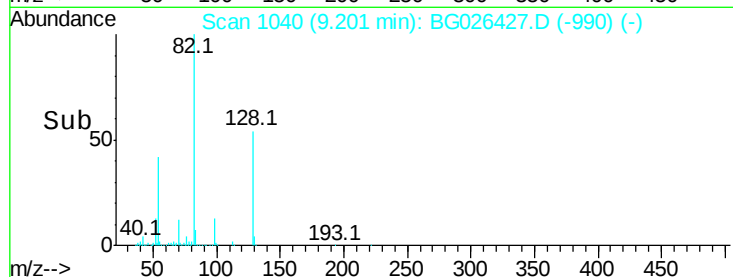
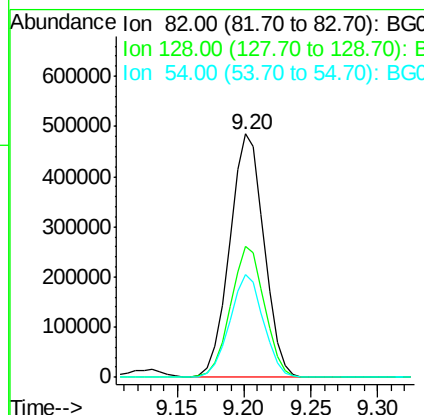
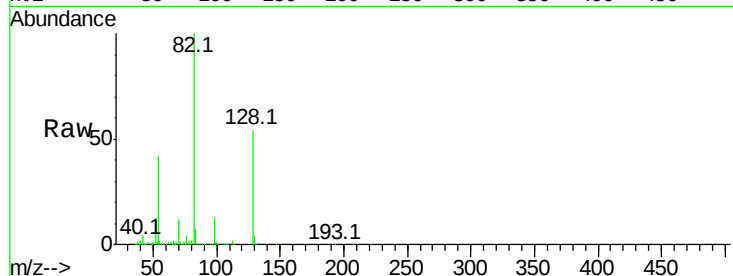
Time-->



#23
 Nitrobenzene-d5
 Concen: 91.86 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG026427.D
 Acq: 24 Mar 2017 23:07

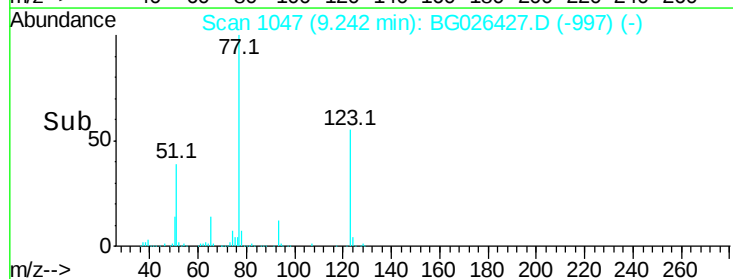
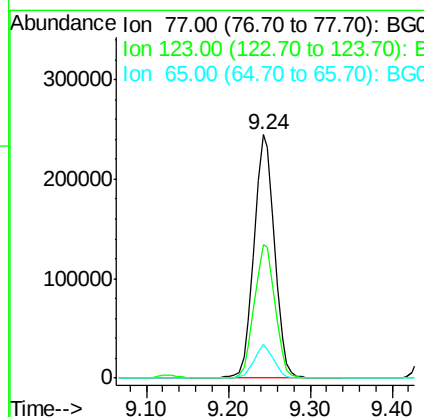
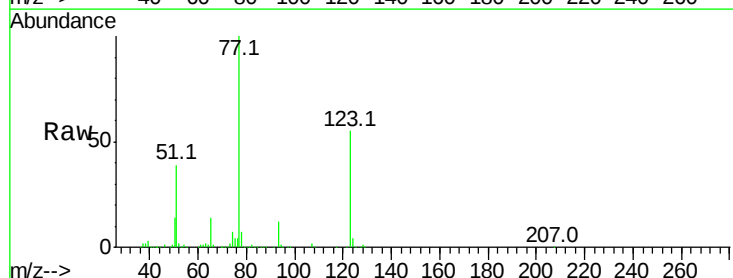
Instrument :
 BNA_G
 ClientSampleId :
 B-4MS

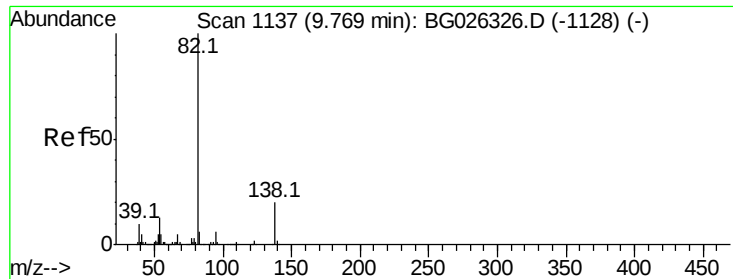
Tot Ion: 82 Resp: 864515
 Ion Ratio Lower Upper
 82 100
 128 53.9 26.4 39.6#
 54 42.0 49.4 74.2#



#24
 Nitrobenzene
 Concen: 45.88 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG026427.D
 Acq: 24 Mar 2017 23:07

Tgt Ion: 77 Resp: 426343
 Ion Ratio Lower Upper
 77 100
 123 55.1 26.1 39.1#
 65 13.8 12.4 18.6





#25

Isophorone

Concen: 48.60 ng

RT: 9.77 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

Instrument :

BNA_G

ClientSampleId :

B-4MS

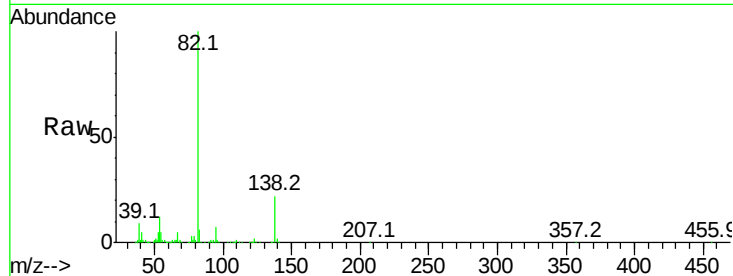
Tot Ion: 82 Resp: 861992

Ion Ratio Lower Upper

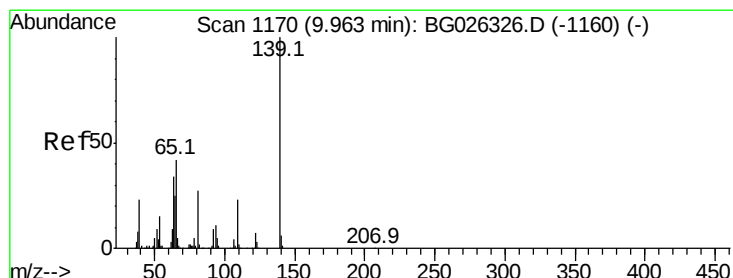
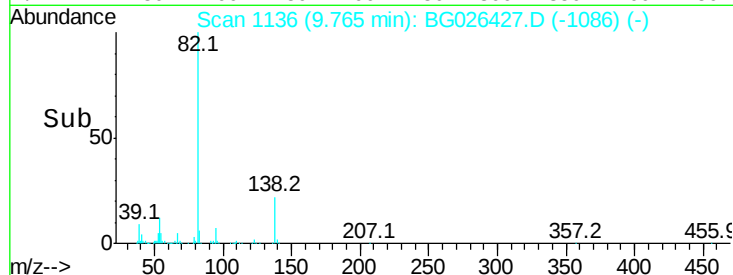
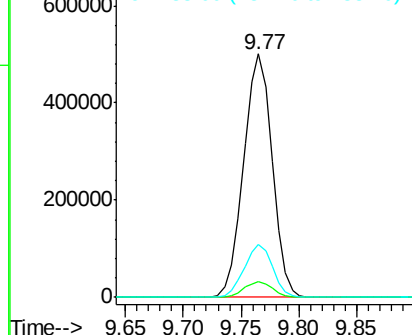
82 100

95 6.5 7.5 11.3#

138 21.8 12.3 18.5#



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



#26

2-Nitrophenol

Concen: 55.97 ng

RT: 9.95 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

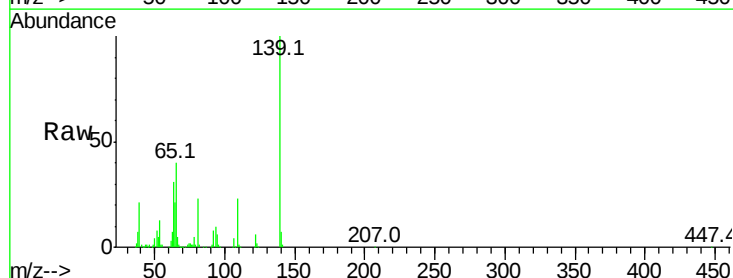
Tgt Ion: 139 Resp: 270640

Ion Ratio Lower Upper

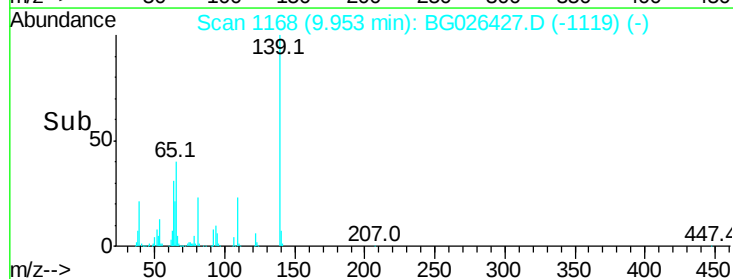
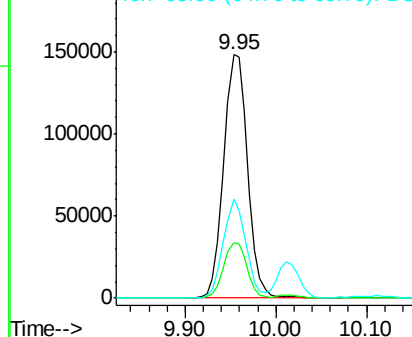
139 100

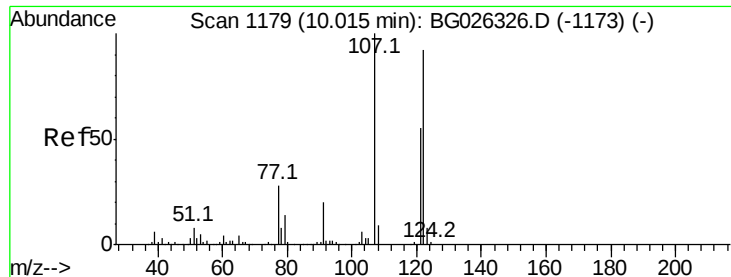
109 22.6 38.6 58.0#

65 40.5 57.1 85.7#



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

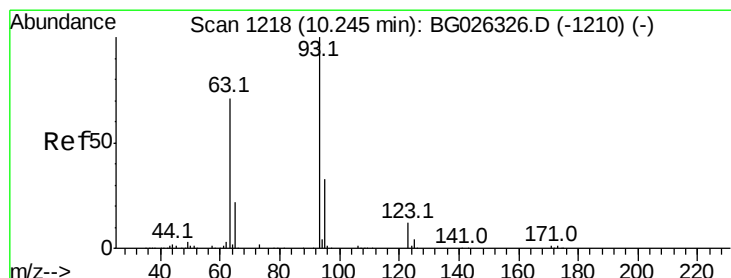
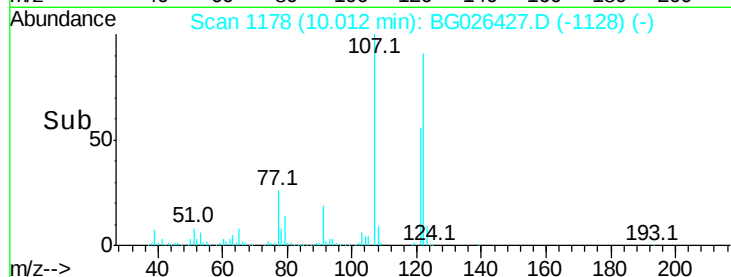
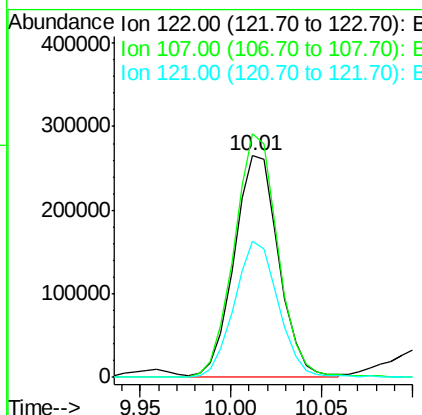
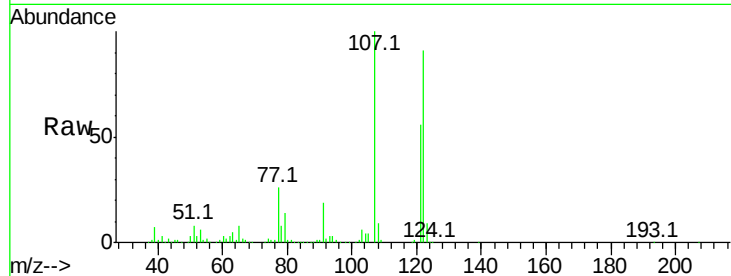




#27
 2,4-Dimethylphenol
 Concen: 56.89 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BG026427.D
 Acq: 24 Mar 2017 23:07

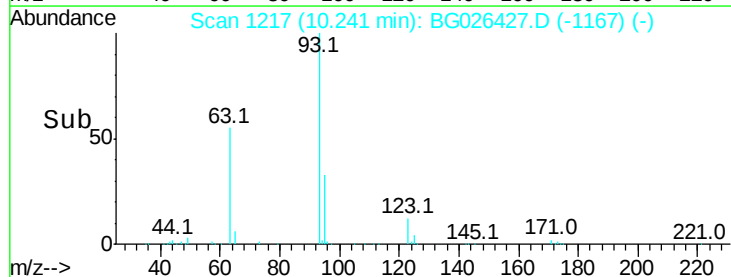
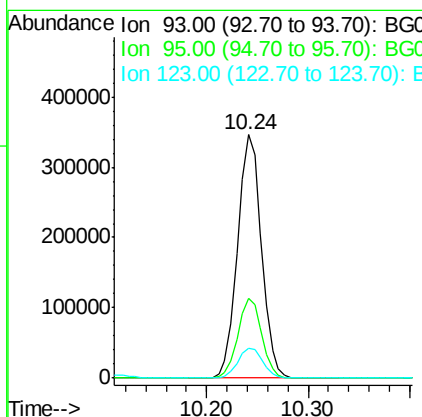
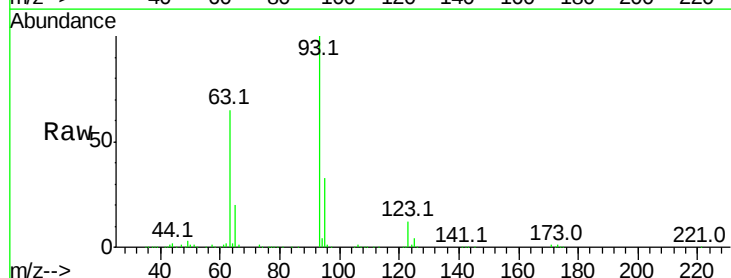
Instrument :
 BNA_G
 ClientSampleId :
 B-4MS

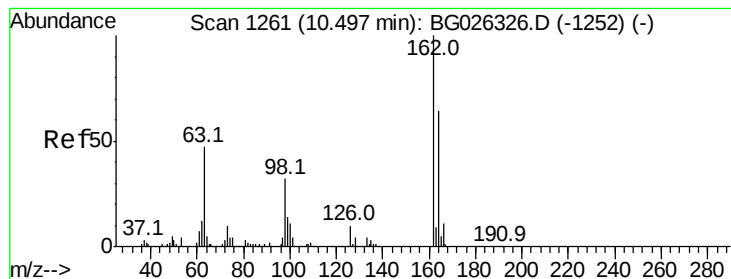
Tot Ion:122 Resp: 451522
 Ion Ratio Lower Upper
 122 100
 107 110.0 104.2 156.4
 121 61.4 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.04 ng
 RT: 10.24 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BG026427.D
 Acq: 24 Mar 2017 23:07

Tgt Ion: 93 Resp: 565097
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.7 38.5
 123 12.4 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 60.12 ng

RT: 10.49 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

Instrument :

BNA_G

ClientSampleId :

B-4MS

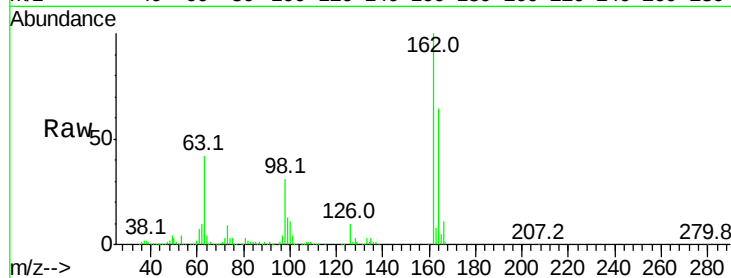
Tot Ion:162 Resp: 482564

Ion Ratio Lower Upper

162 100

164 64.1 42.4 82.4

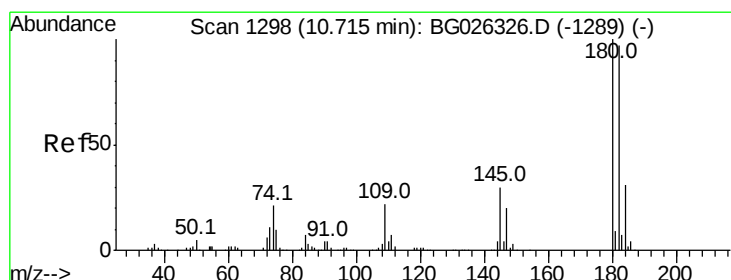
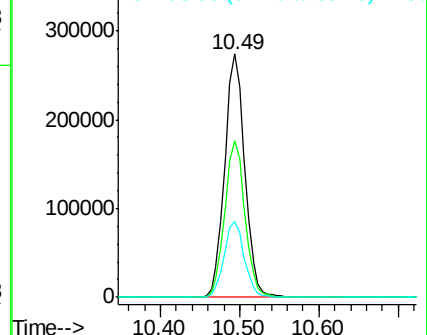
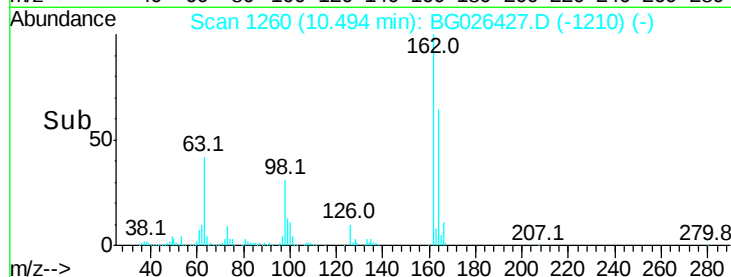
98 31.2 20.3 60.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 53.00 ng

RT: 10.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

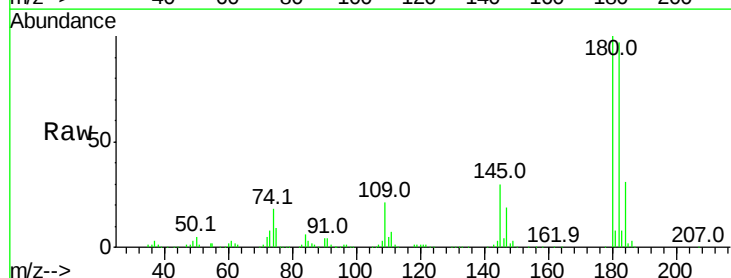
Tgt Ion:180 Resp: 477844

Ion Ratio Lower Upper

180 100

182 97.0 77.0 115.4

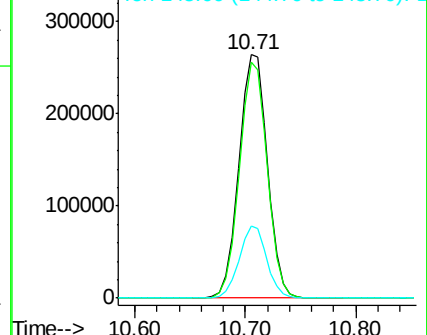
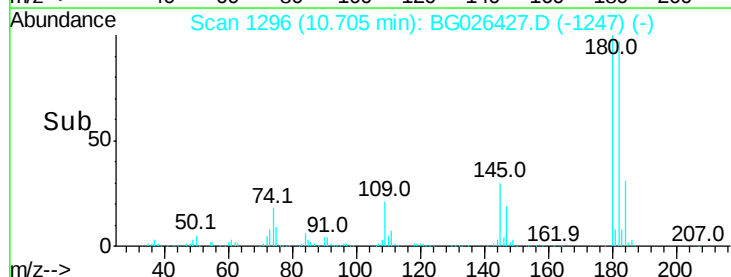
145 29.7 23.4 35.0

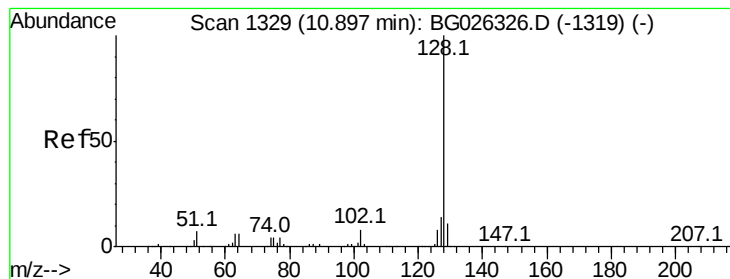


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 48.84 ng

RT: 10.89 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

Instrument :

BNA_G

ClientSampleId :

B-4MS

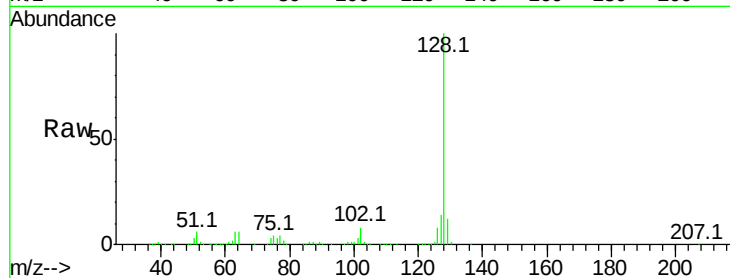
Tot Ion:128 Resp: 1397405

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

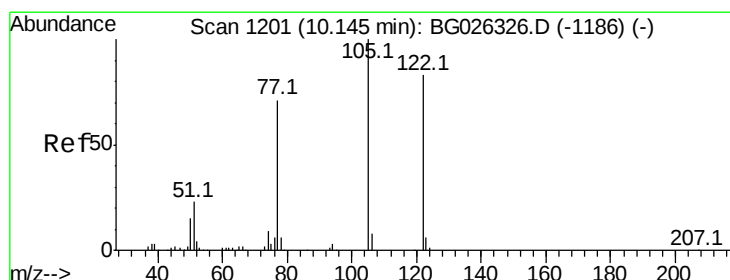
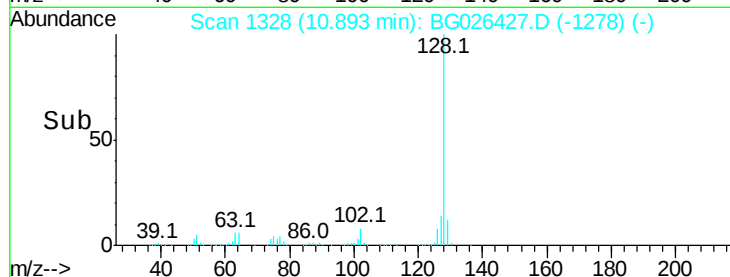
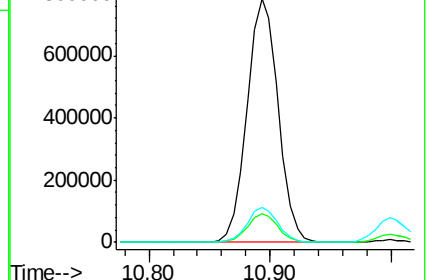
127 14.3 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 18.96 ng

RT: 10.12 min Scan# 1196

Delta R.T. -0.03 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

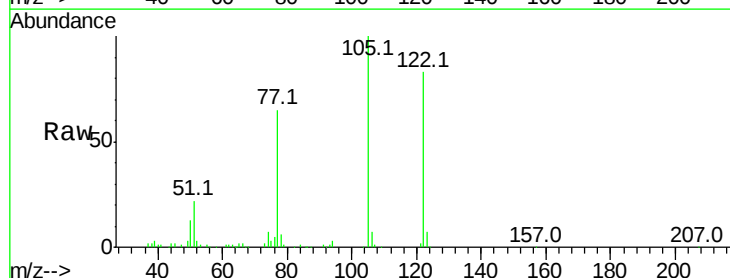
Tgt Ion:122 Resp: 115785

Ion Ratio Lower Upper

122 100

105 120.1 120.1 160.1#

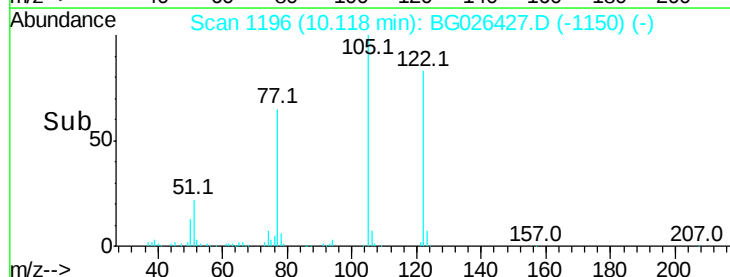
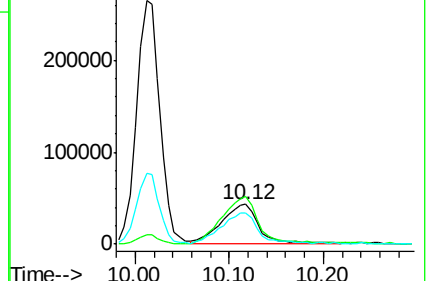
77 77.9 104.6 144.6#

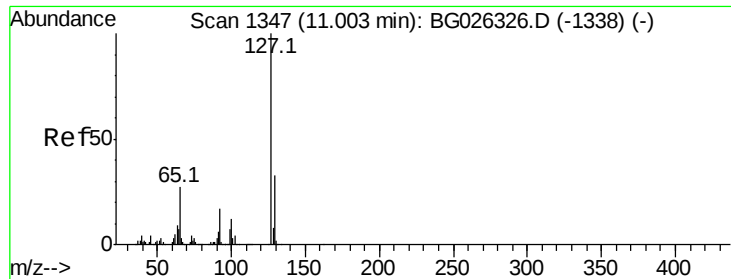


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

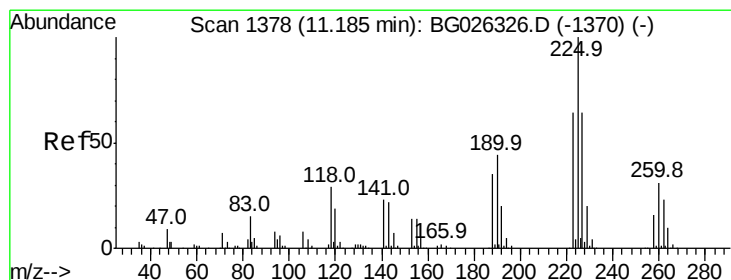
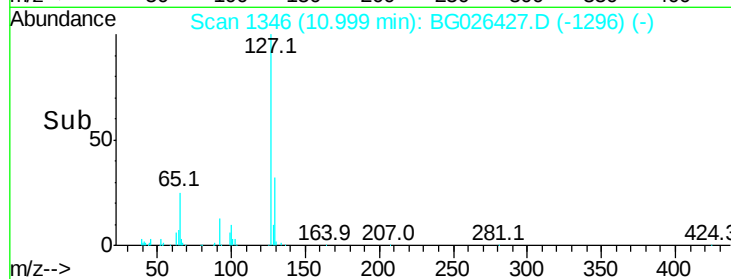
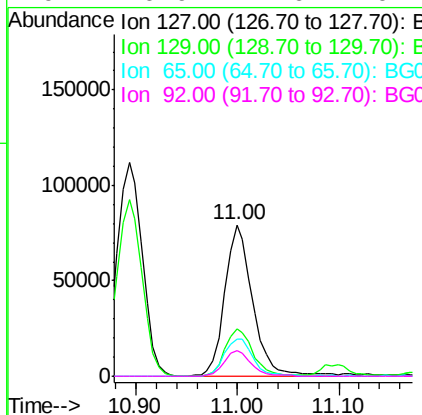
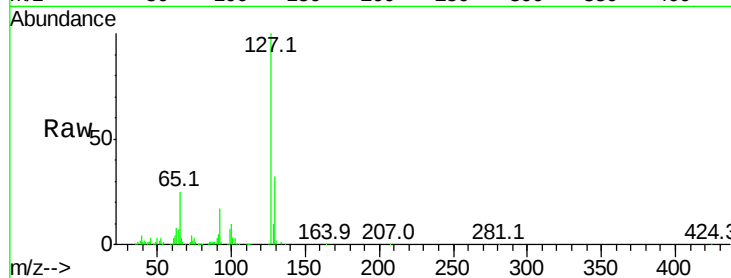




#33
4-Chloroaniline
Concen: 12.92 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG026427.D
Acq: 24 Mar 2017 23:07

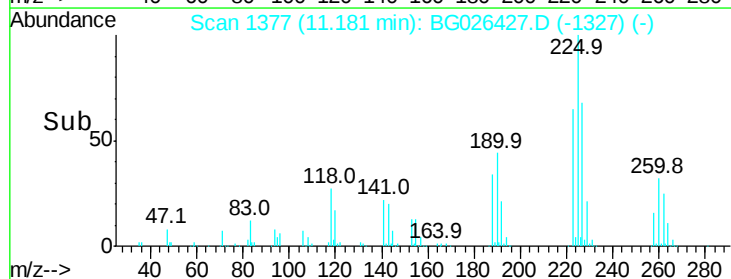
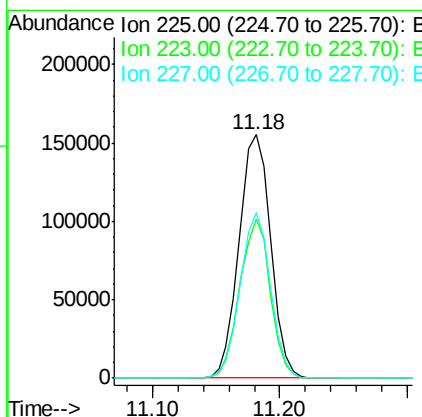
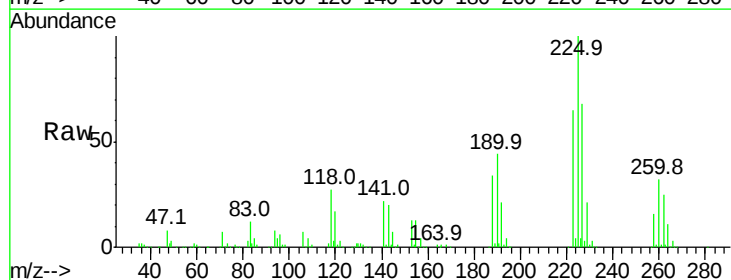
Instrument :
BNA_G
ClientSampleId :
B-4MS

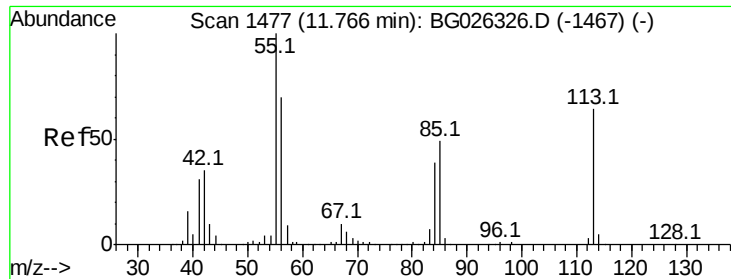
Tot Ion:127 Resp: 150349
Ion Ratio Lower Upper
127 100
129 31.7 23.6 35.4
65 25.0 37.7 56.5#
92 16.9 17.6 26.4#



#34
Hexachlorobutadiene
Concen: 50.60 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG026427.D
Acq: 24 Mar 2017 23:07

Tgt Ion:225 Resp: 269155
Ion Ratio Lower Upper
225 100
223 65.4 50.7 76.1
227 67.9 49.0 73.6

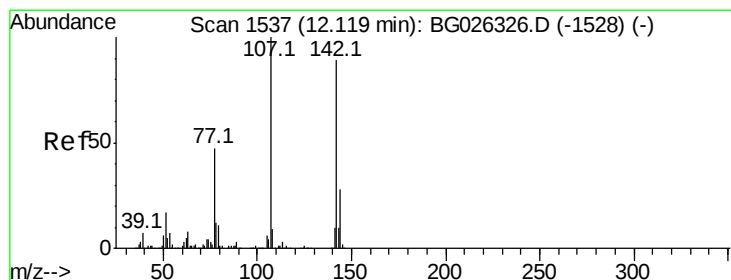
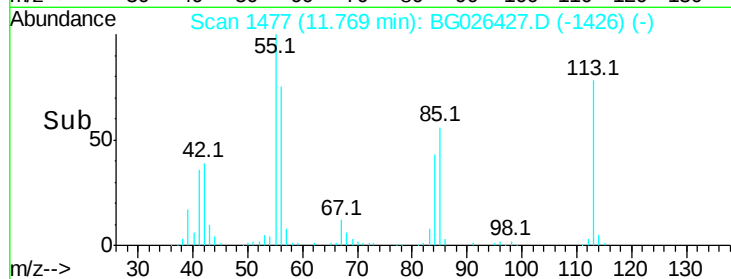
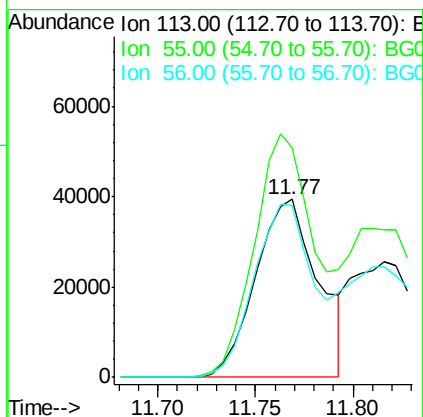
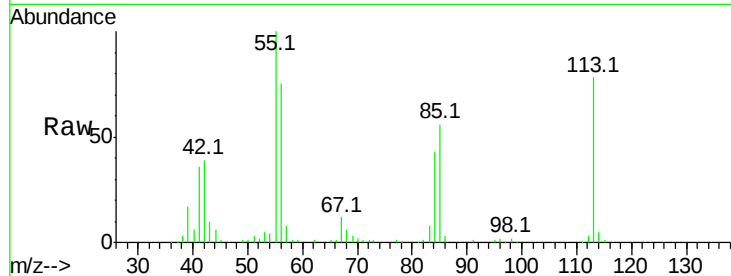




#35
Caprolactam
Concen: 27.71 ng
RT: 11.77 min Scan# 1477
Delta R.T. 0.00 min
Lab File: BG026427.D
Acq: 24 Mar 2017 23:07

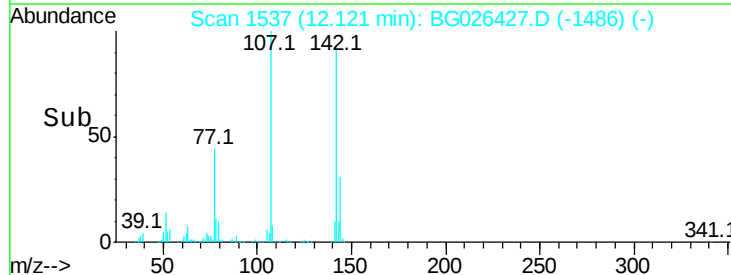
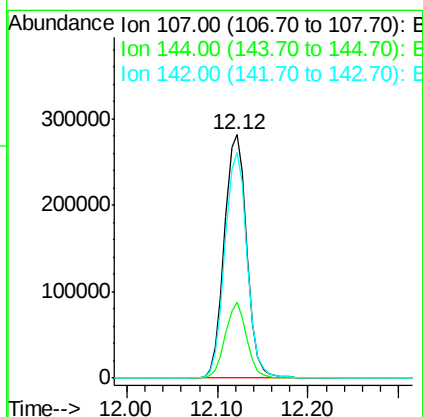
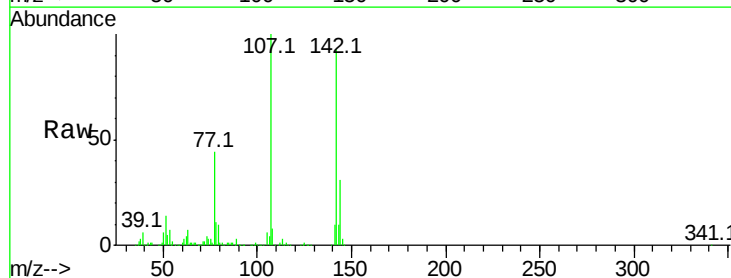
Instrument :
BNA_G
ClientSampleId :
B-4MS

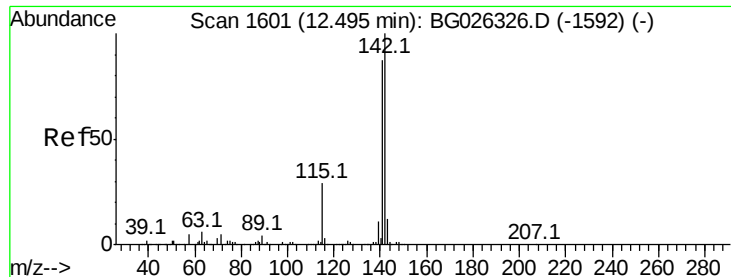
Tot Ion:113 Resp: 87630
Ion Ratio Lower Upper
113 100
55 128.7 198.6 238.6#
56 96.5 140.4 180.4#



#36
4-Chloro-3-methylphenol
Concen: 56.62 ng
RT: 12.12 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BG026427.D
Acq: 24 Mar 2017 23:07

Tgt Ion:107 Resp: 486126
Ion Ratio Lower Upper
107 100
144 31.1 17.4 26.0#
142 92.7 54.1 81.1#

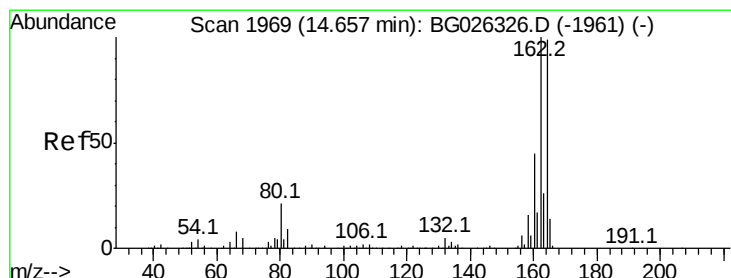
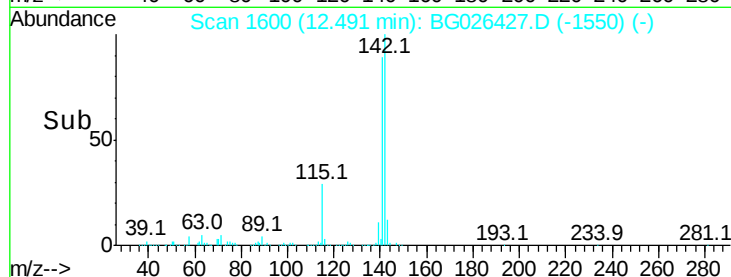
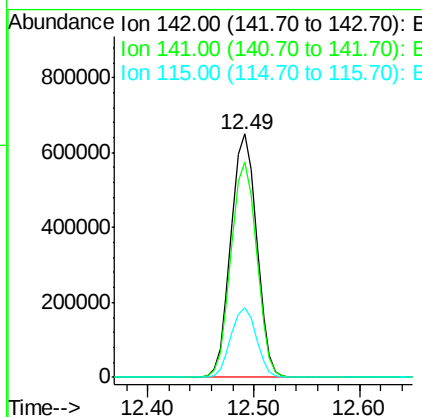
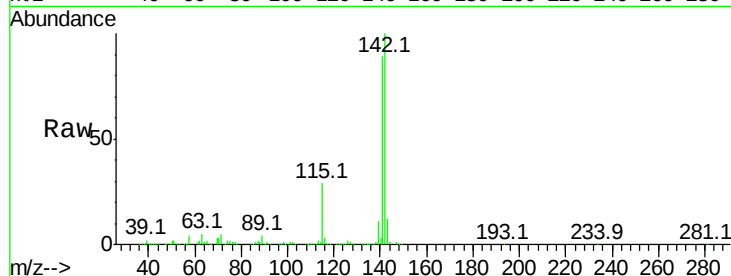




#37
2-Methylnaphthalene
Concen: 52.36 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BG026427.D
Acq: 24 Mar 2017 23:07

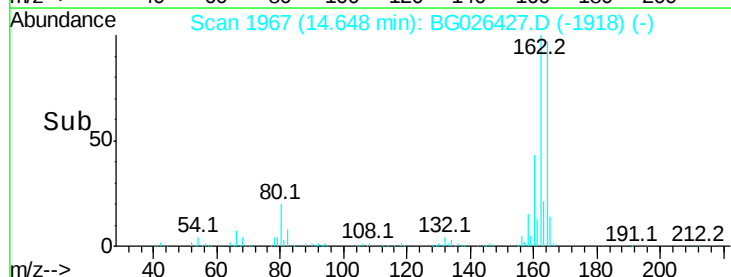
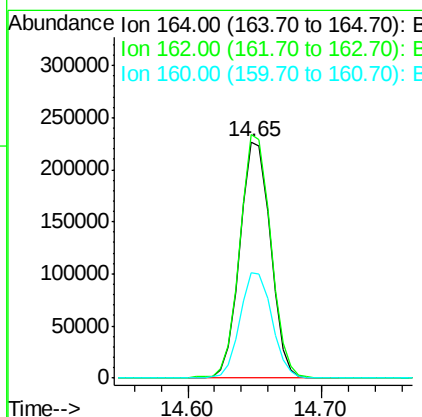
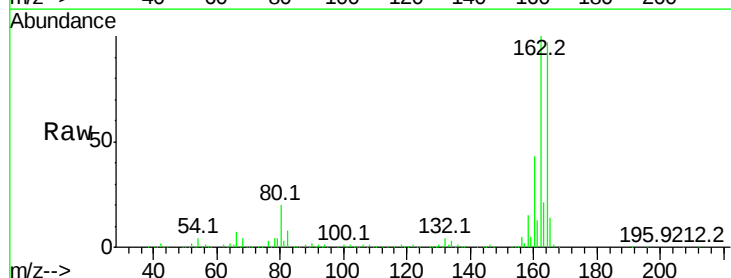
Instrument :
BNA_G
ClientSampleId :
B-4MS

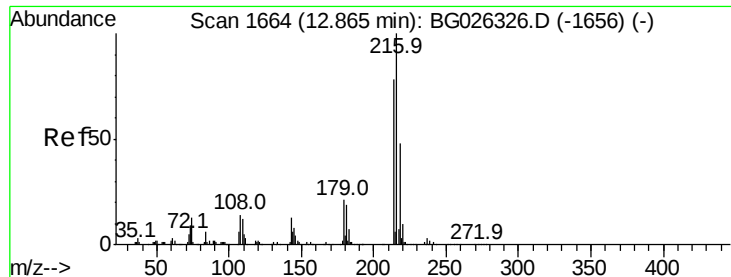
Tot Ion:142 Resp: 1097392
Ion Ratio Lower Upper
142 100
141 88.6 70.4 105.6
115 28.7 35.5 53.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG026427.D
Acq: 24 Mar 2017 23:07

Tgt Ion:164 Resp: 358706
Ion Ratio Lower Upper
164 100
162 102.9 85.1 127.7
160 44.7 34.7 52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.08 ng

RT: 12.86 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

Instrument :

BNA_G

ClientSampled :

B-4MS

Tot Ion:216 Resp: 529712

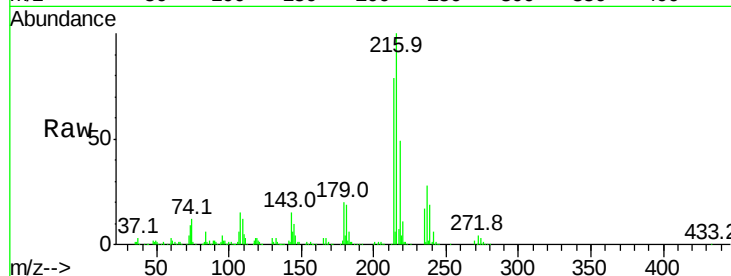
Ion Ratio Lower Upper

216 100

214 79.1 64.4 96.6

179 19.5 17.4 26.0

108 16.5 15.6 23.4

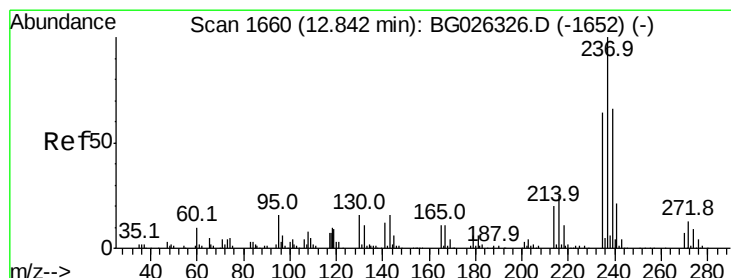
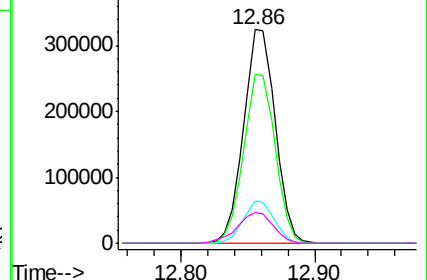
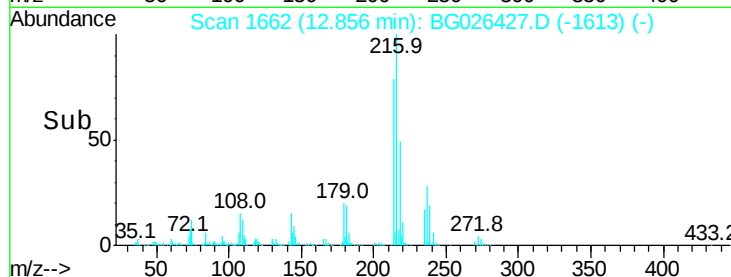


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 98.44 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

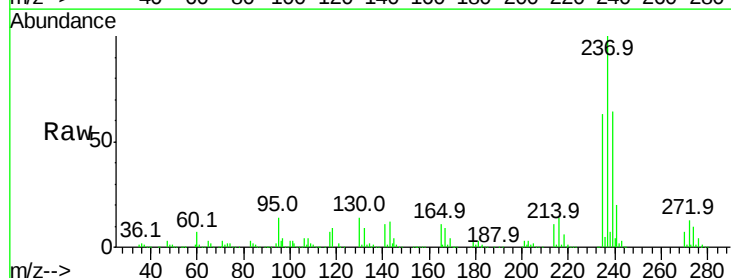
Tgt Ion:237 Resp: 559253

Ion Ratio Lower Upper

237 100

235 63.3 39.4 79.4

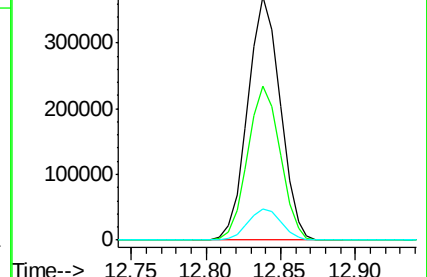
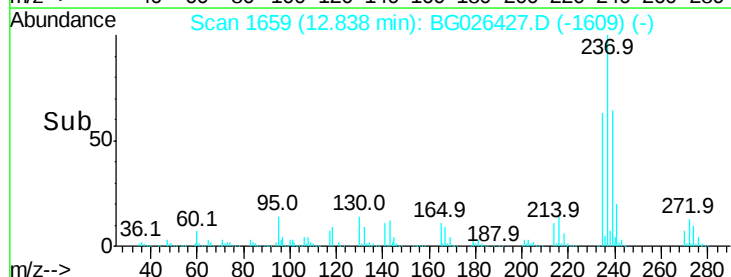
272 12.8 0.0 32.0

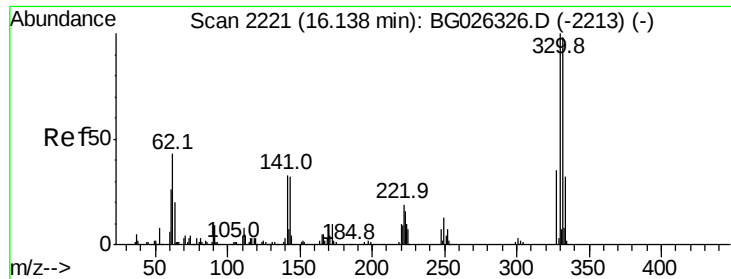


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

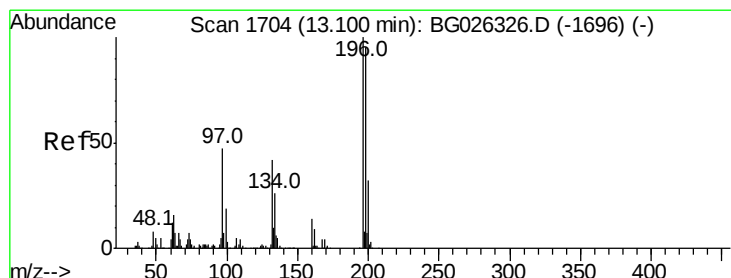
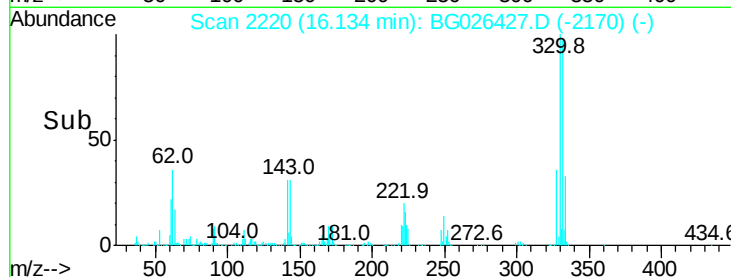
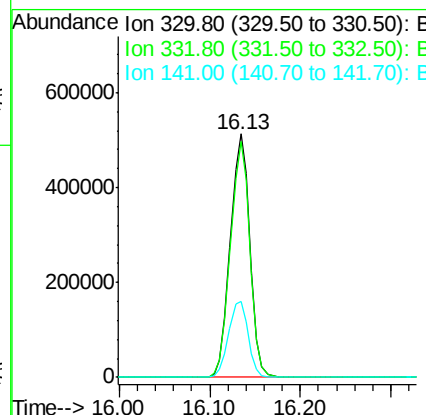
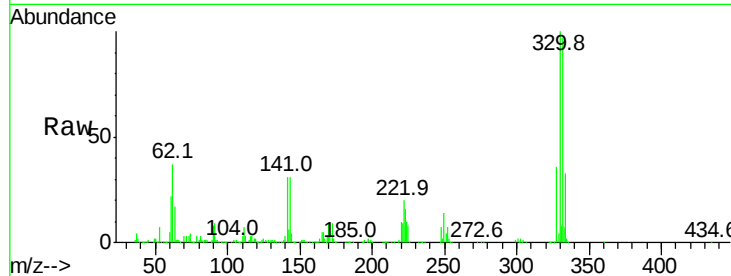




#41
 2,4,6-Tribromophenol
 Concen: 186.81 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BG026427.D
 Acq: 24 Mar 2017 23:07

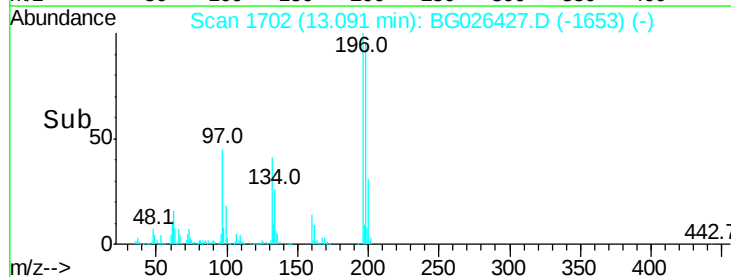
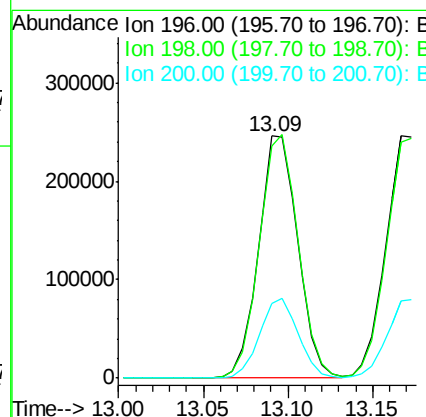
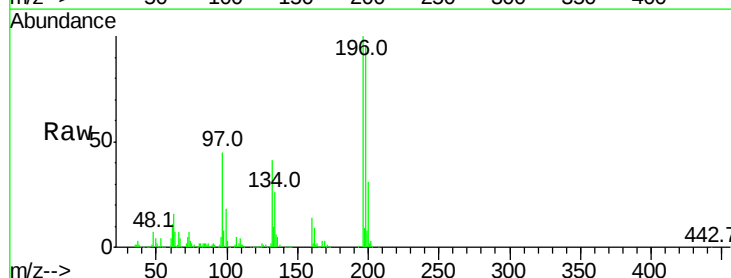
Instrument :
 BNA_G
 ClientSampleId :
 B-4MS

Tot Ion:330 Resp: 767359
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.3 115.9
 141 31.3 32.1 48.1#



#42
 2,4,6-Trichlorophenol
 Concen: 56.16 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG026427.D
 Acq: 24 Mar 2017 23:07

Tgt Ion:196 Resp: 396862
 Ion Ratio Lower Upper
 196 100
 198 95.9 81.4 122.2
 200 31.1 27.0 40.6

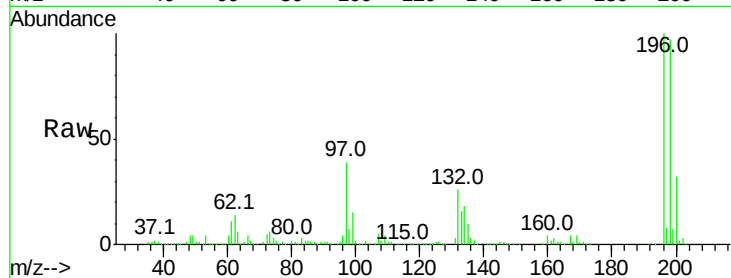




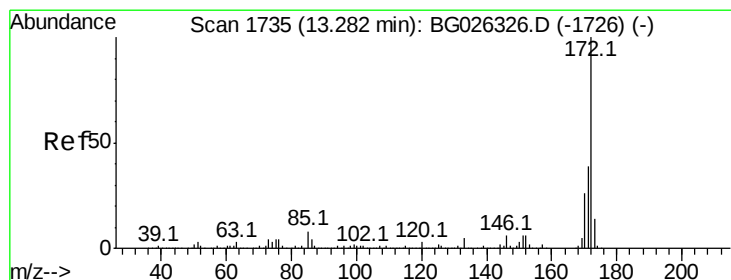
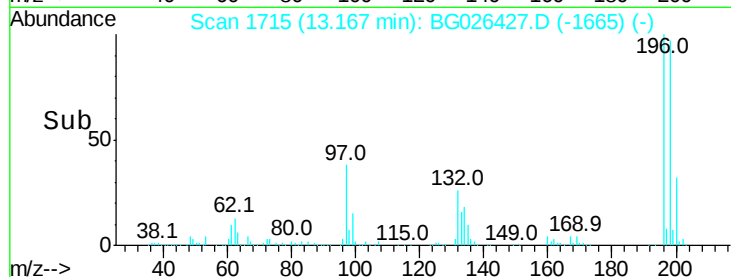
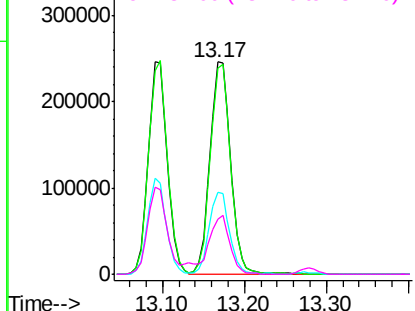
#43
 2,4,5-Trichlorophenol
 Concen: 55.16 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG026427.D
 Acq: 24 Mar 2017 23:07

Instrument :
 BNA_G
 ClientSampleId :
 B-4MS

Tot Ion:196 Resp: 430860
 Ion Ratio Lower Upper
 196 100
 198 97.4 79.9 119.9
 97 38.7 45.4 68.0#
 132 25.7 20.7 31.1

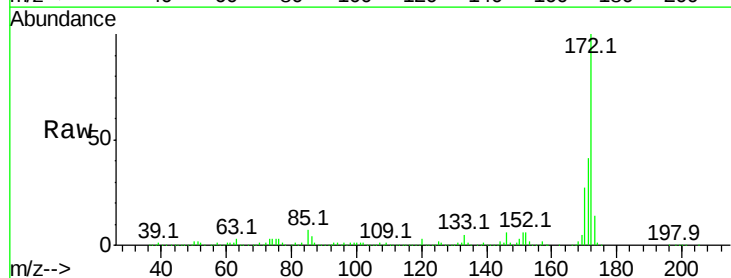


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

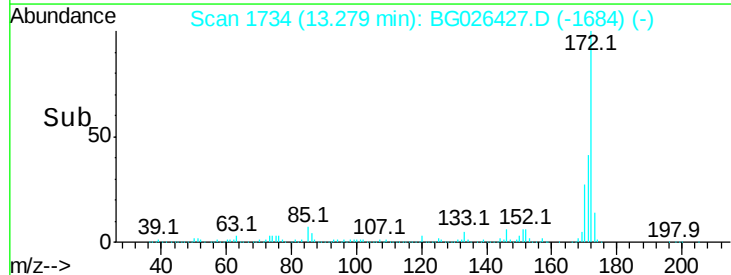
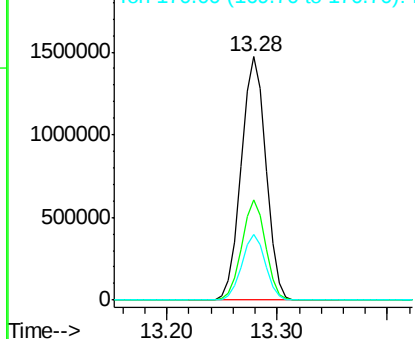


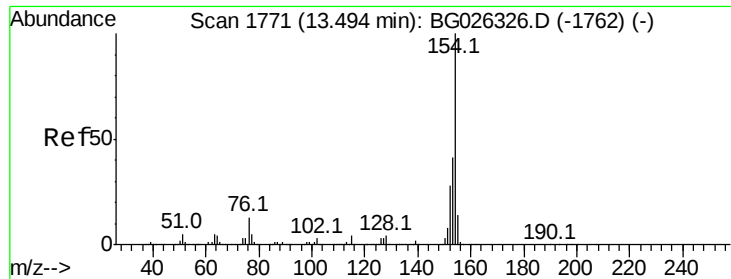
#44
 2-Fluorobiphenyl
 Concen: 90.59 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG026427.D
 Acq: 24 Mar 2017 23:07

Tgt Ion:172 Resp: 2317049
 Ion Ratio Lower Upper
 172 100
 171 41.1 32.2 48.2
 170 27.2 21.8 32.6



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





#45

1,1'-Biphenyl

Concen: 47.94 ng

RT: 13.49 min Scan# 1770

Delta R.T. -0.00 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

Instrument :

BNA_G

ClientSampleId :

B-4MS

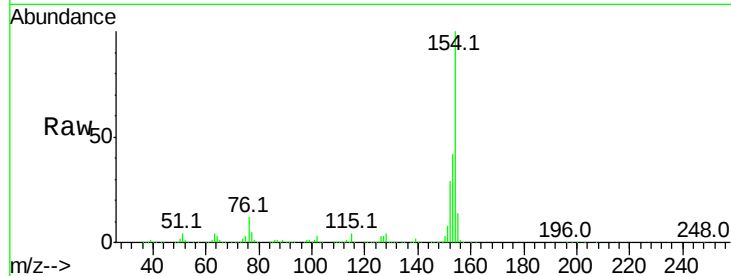
Tot Ion:154 Resp: 1424053

Ion Ratio Lower Upper

154 100

153 42.2 23.0 63.0

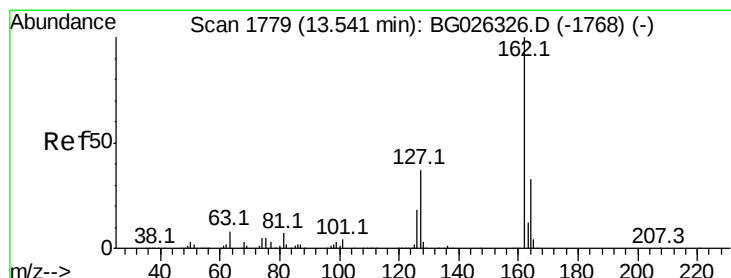
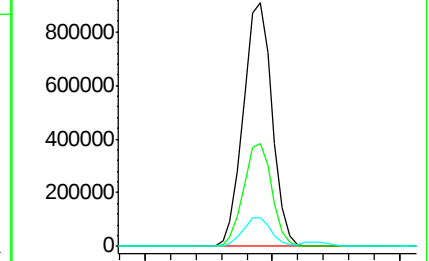
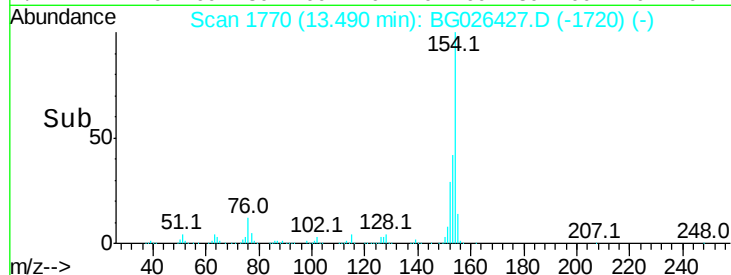
76 11.8 0.0 33.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 49.60 ng

RT: 13.53 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

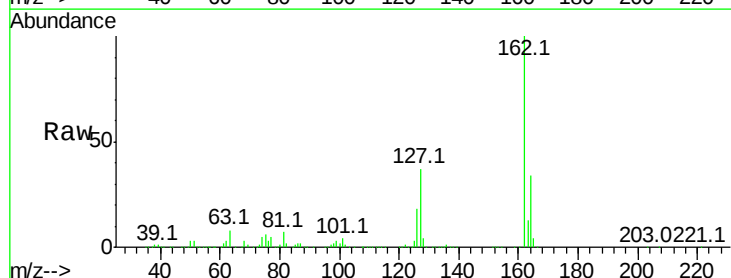
Tgt Ion:162 Resp: 1076232

Ion Ratio Lower Upper

162 100

127 36.7 32.2 48.4

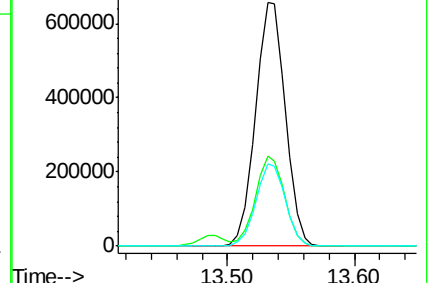
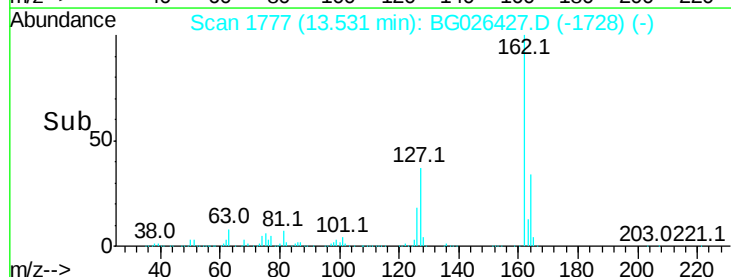
164 33.8 27.3 40.9

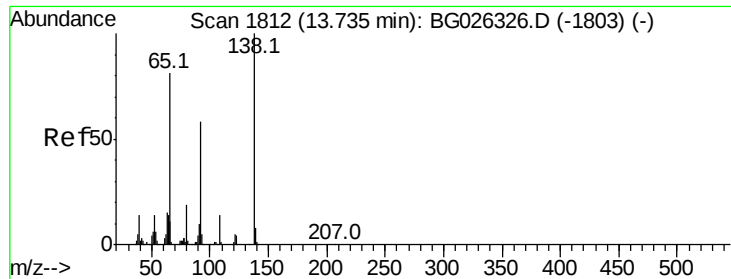


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

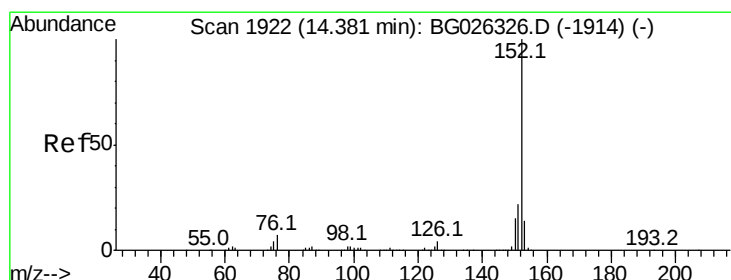
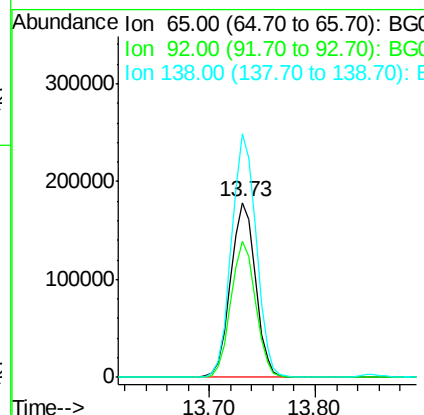
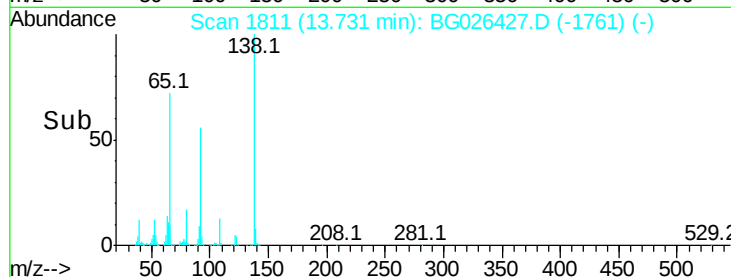
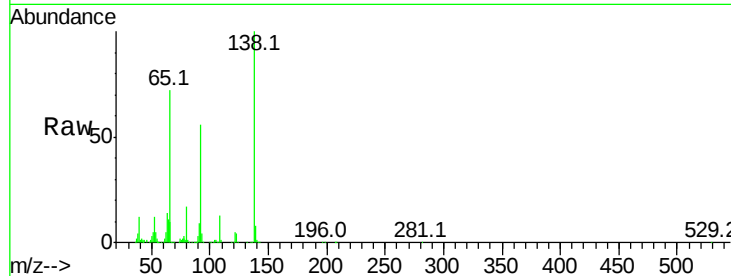




#47
2-Nitroaniline
Concen: 47.08 ng
RT: 13.73 min Scan# 1811
Delta R.T. -0.00 min
Lab File: BG026427.D
Acq: 24 Mar 2017 23:07

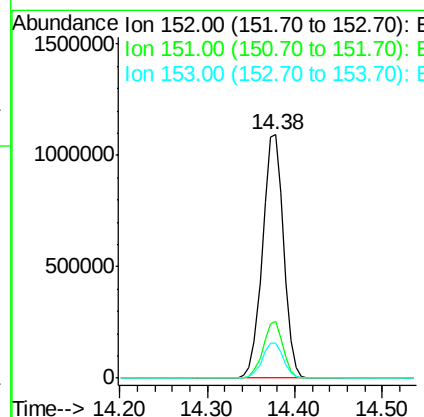
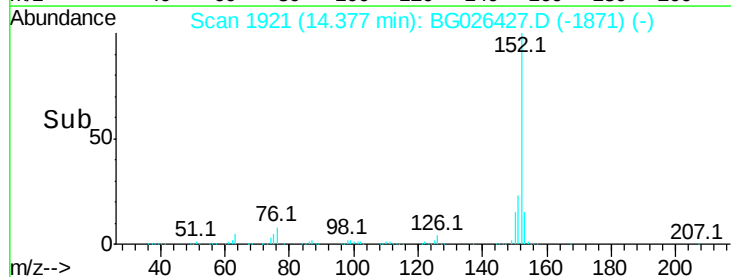
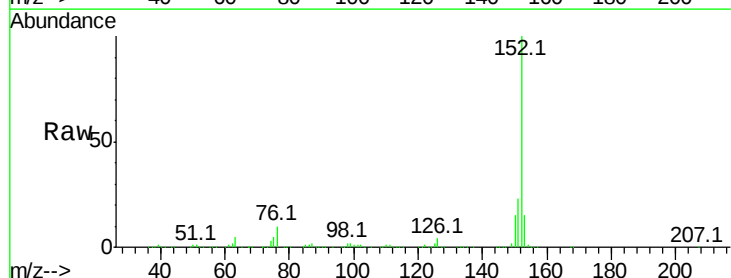
Instrument :
BNA_G
ClientSampleId :
B-4MS

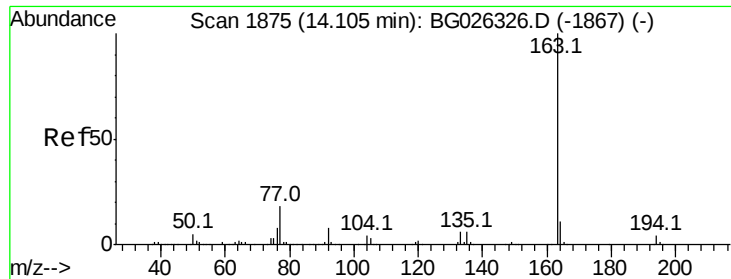
Tot Ion: 65 Resp: 290474
Ion Ratio Lower Upper
65 100
92 77.7 49.0 73.4#
138 139.4 58.6 87.8#



#48
Acenaphthylene
Concen: 47.72 ng
RT: 14.38 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG026427.D
Acq: 24 Mar 2017 23:07

Tgt Ion: 152 Resp: 1804998
Ion Ratio Lower Upper
152 100
151 23.1 18.2 27.2
153 14.6 11.3 16.9





#49

Dimethylphthalate

Concen: 59.33 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.00 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

Instrument :

BNA_G

ClientSampled :

B-4MS

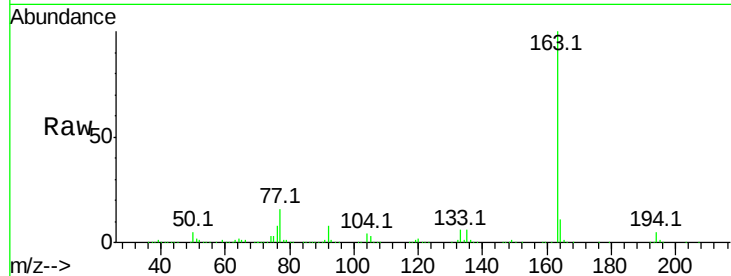
Tot Ion:163 Resp: 1606309

Ion Ratio Lower Upper

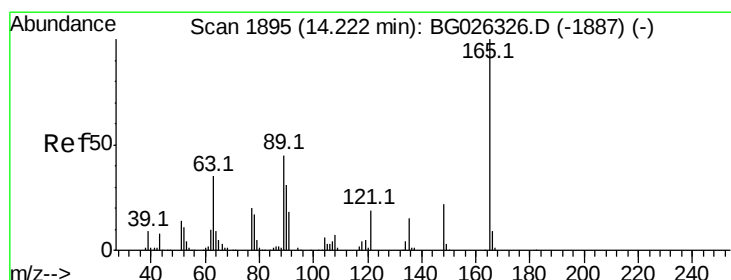
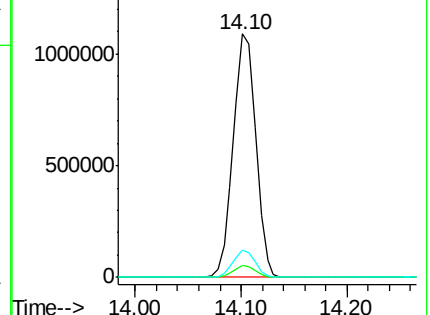
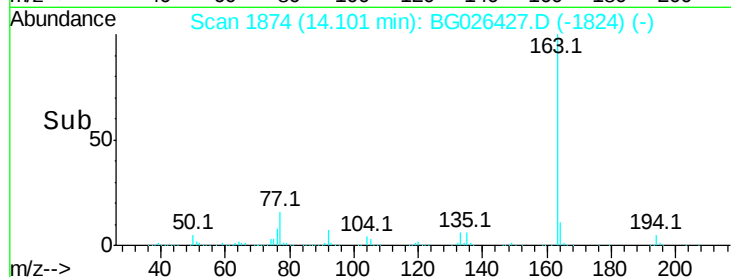
163 100

194 4.8 3.8 5.6

164 11.4 9.3 13.9



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



#50

2,6-Dinitrotoluene

Concen: 55.32 ng

RT: 14.22 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

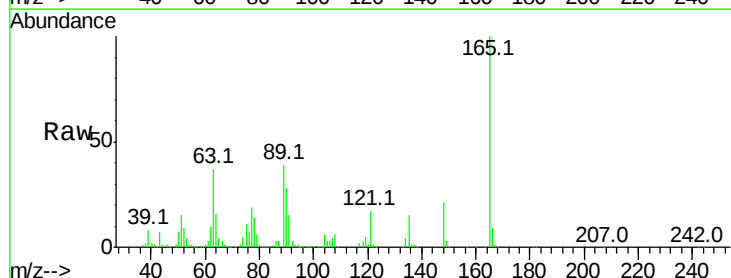
Tgt Ion:165 Resp: 349543

Ion Ratio Lower Upper

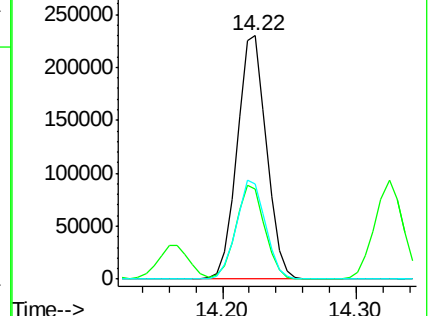
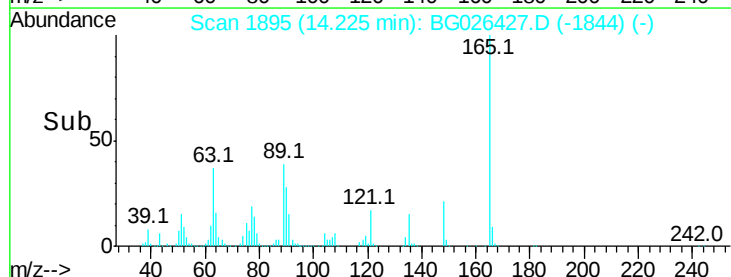
165 100

63 37.2 63.9 95.9#

89 39.3 58.6 88.0#



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





#51

Acenaphthene

Concen: 48.92 ng

RT: 14.71 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

Instrument :

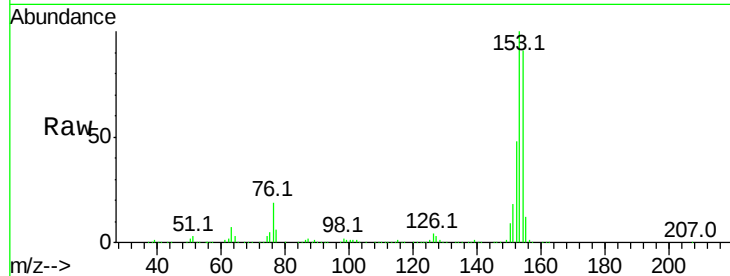
BNA_G

ClientSampleId :

B-4MS

Tot Ion:154 Resp: 1139367

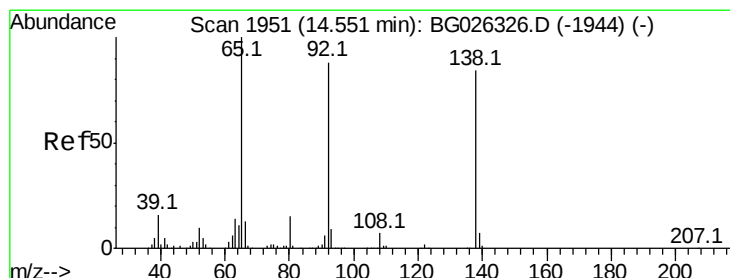
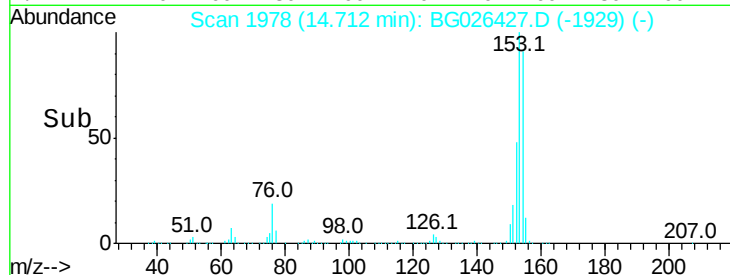
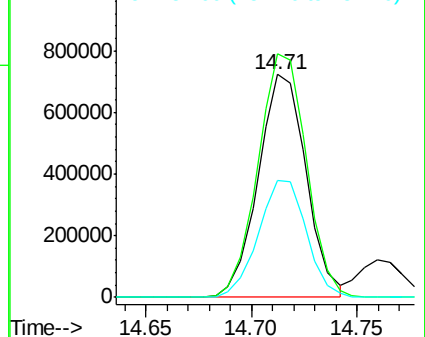
Ion	Ratio	Lower	Upper
154	100		
153	109.4	87.8	131.6
152	52.2	42.2	63.4



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



#52

3-Nitroaniline

Concen: 29.96 ng

RT: 14.55 min Scan# 1951

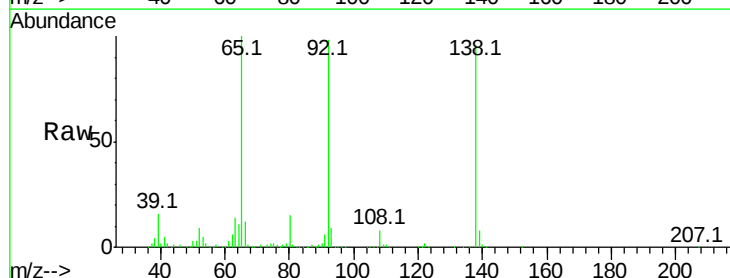
Delta R.T. 0.00 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

Tgt Ion:138 Resp: 208478

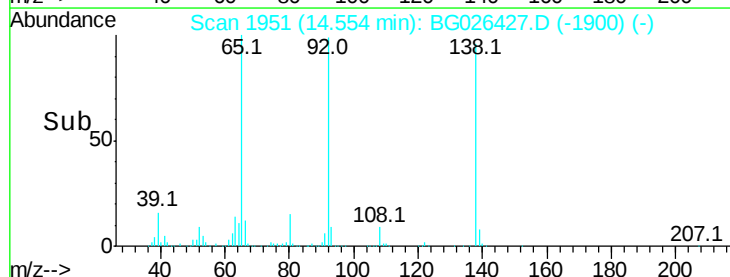
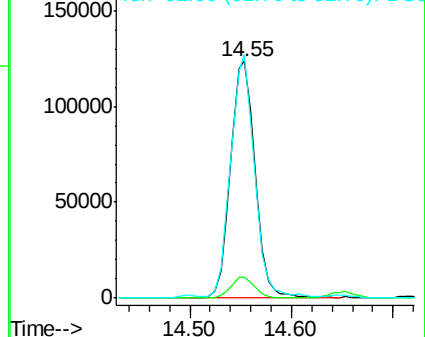
Ion	Ratio	Lower	Upper
138	100		
108	8.9	10.9	16.3#
92	102.9	115.3	172.9#



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

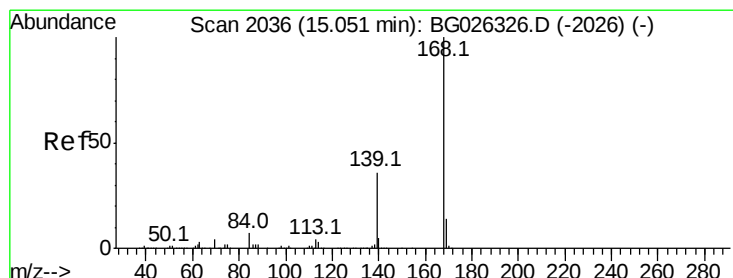
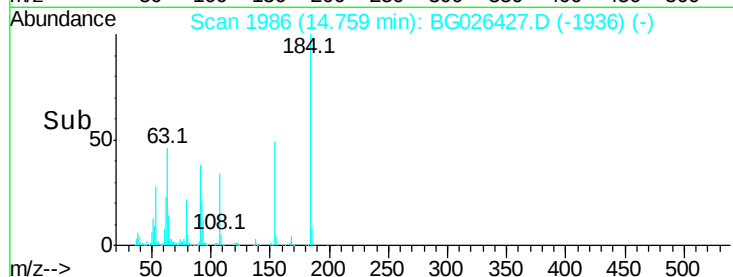
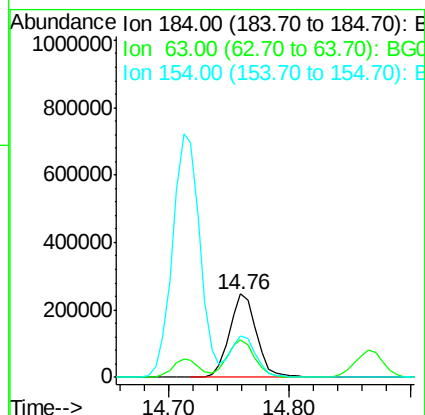
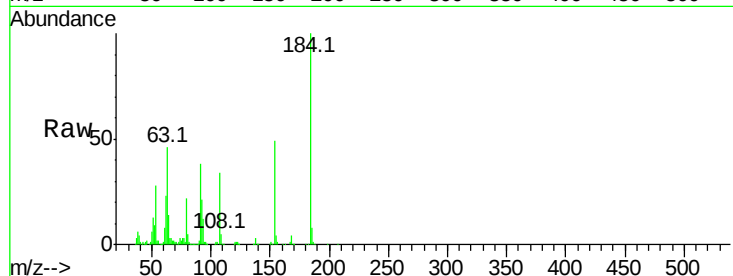




#53
2,4-Dinitrophenol
Concen: 105.31 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG026427.D
Acq: 24 Mar 2017 23:07

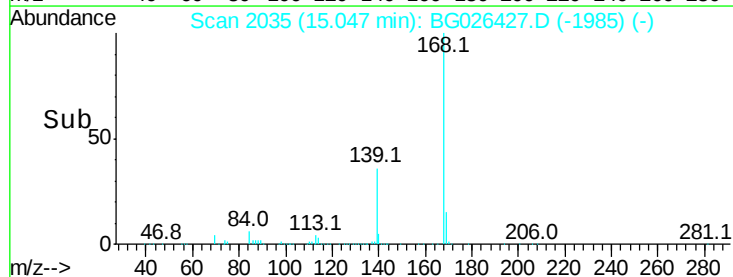
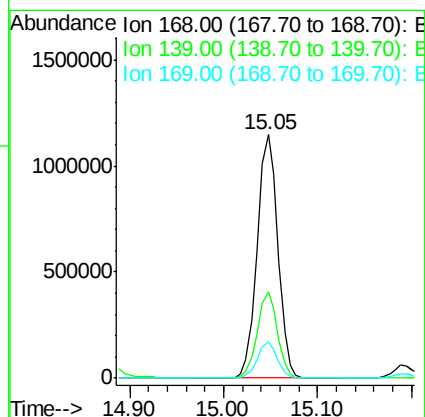
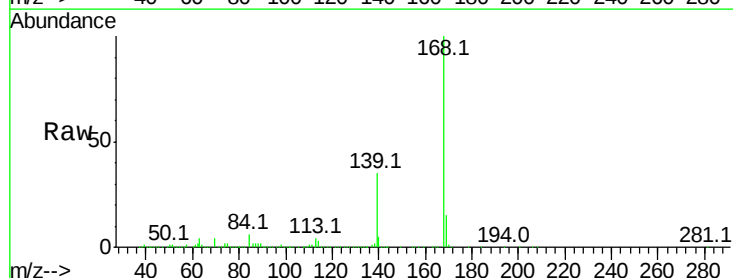
Instrument :
BNA_G
ClientSampleId :
B-4MS

Tot Ion:184 Resp: 386022
Ion Ratio Lower Upper
184 100
63 45.6 52.7 79.1#
154 49.2 57.3 85.9#



#54
Dibenzofuran
Concen: 53.15 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG026427.D
Acq: 24 Mar 2017 23:07

Tgt Ion:168 Resp: 1743010
Ion Ratio Lower Upper
168 100
139 35.4 35.3 52.9
169 14.8 11.5 17.3





#55

4-Nitrophenol

Concen: 111.60 ng

RT: 14.87 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

Instrument :

BNA_G

ClientSampleId :

B-4MS

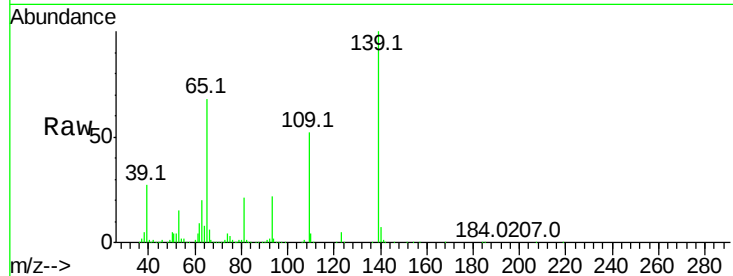
Tot Ion:139 Resp: 635877

Ion Ratio Lower Upper

139 100

109 51.7 101.2 141.2#

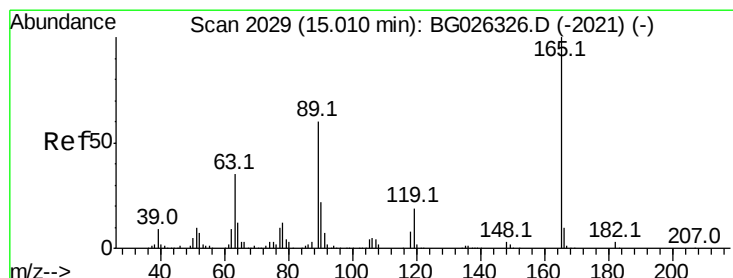
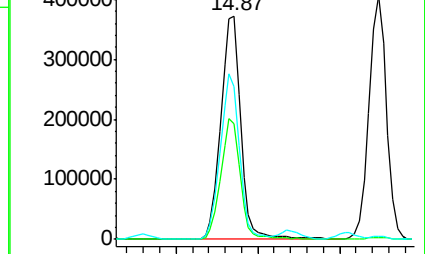
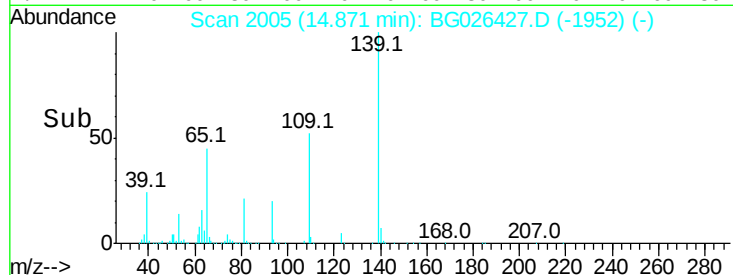
65 68.4 135.3 175.3#



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): BGC



#56

2,4-Dinitrotoluene

Concen: 55.95 ng

RT: 15.01 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

Tgt Ion:165 Resp: 497233

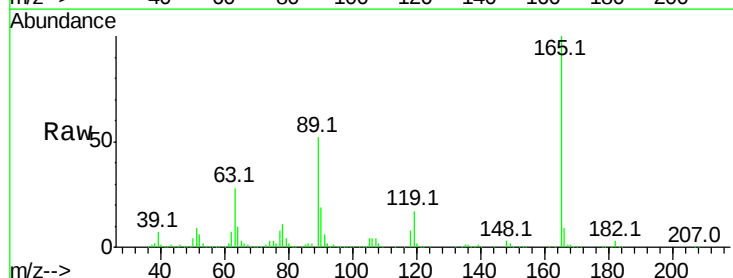
Ion Ratio Lower Upper

165 100

63 27.6 44.0 66.0#

89 52.0 67.3 100.9#

182 2.7 3.8 5.6#

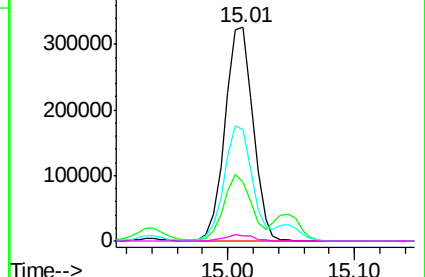
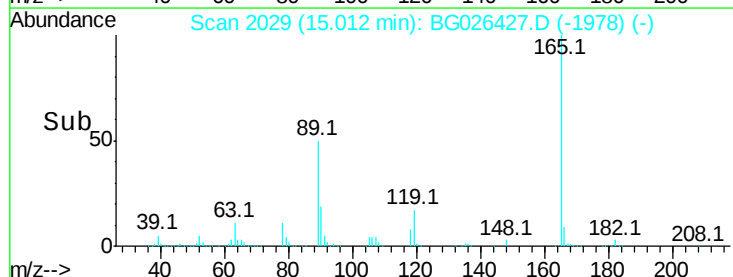


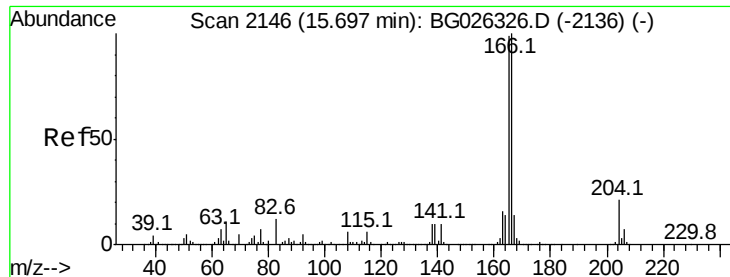
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 49.64 ng

RT: 15.69 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

Instrument :

BNA_G

ClientSampleId :

B-4MS

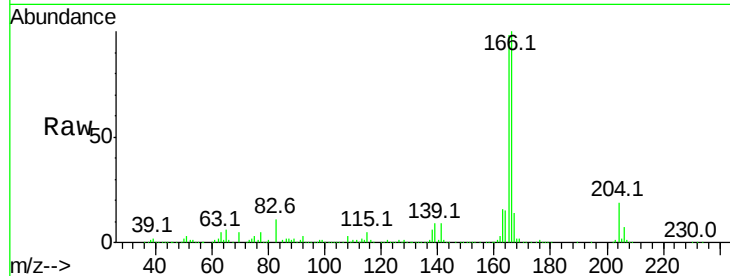
Tot Ion:166 Resp: 1448746

Ion Ratio Lower Upper

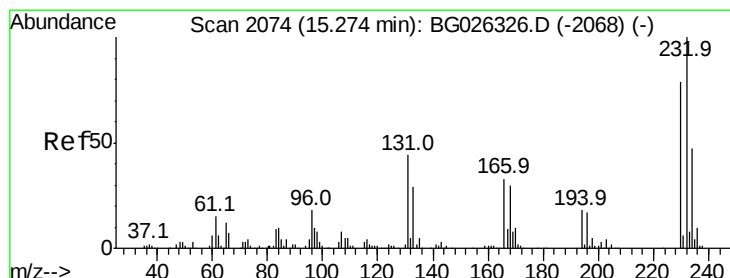
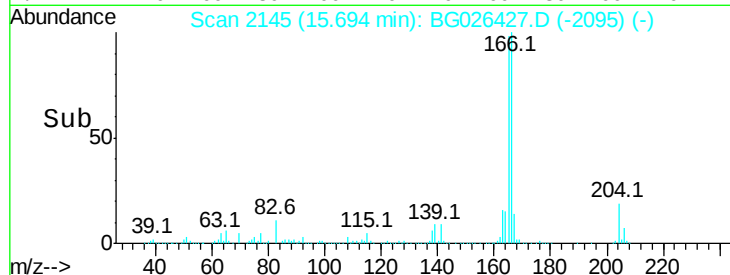
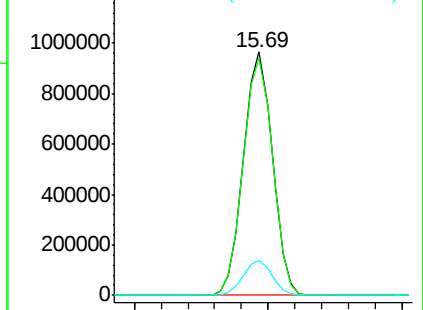
166 100

165 97.6 78.6 117.8

167 14.4 11.6 17.4



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 61.15 ng

RT: 15.28 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

Tgt Ion:232 Resp: 416612

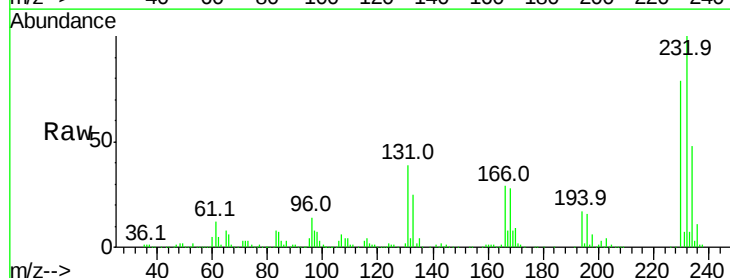
Ion Ratio Lower Upper

232 100

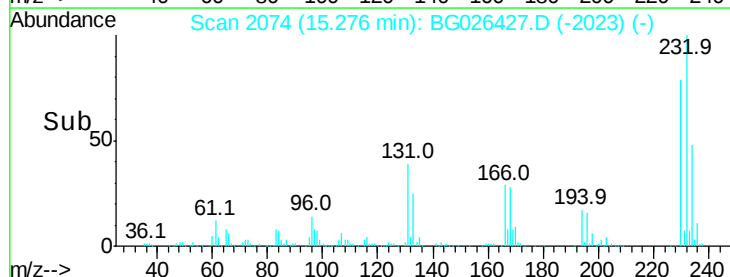
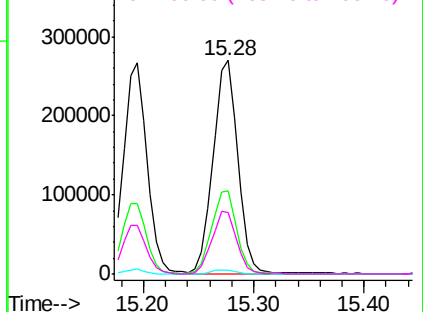
131 39.1 34.9 52.3

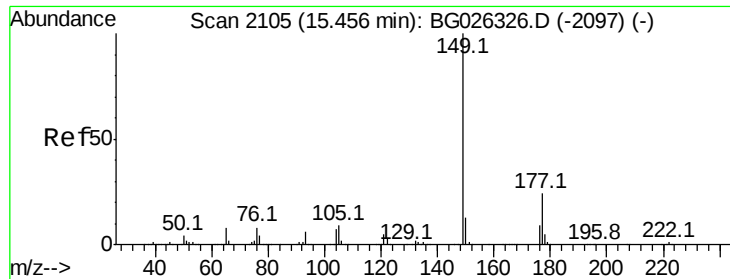
130 2.1 2.3 3.5#

166 29.4 24.2 36.4



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

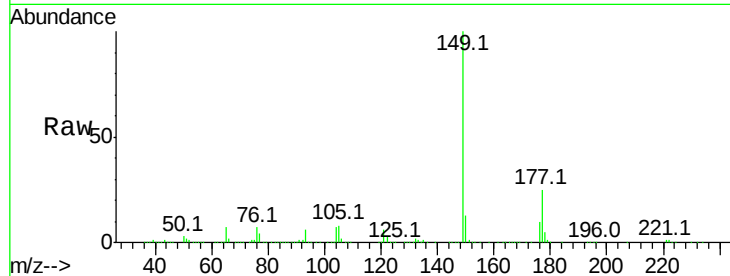




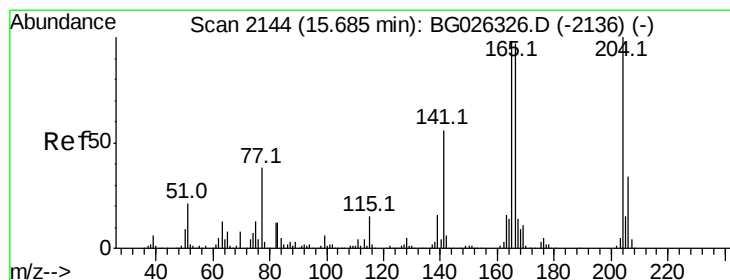
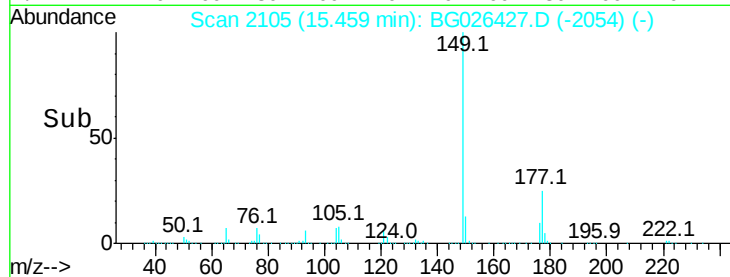
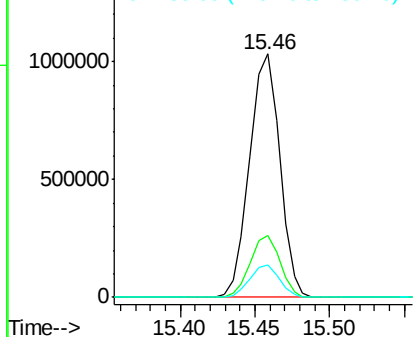
#59
Diethylphthalate
Concen: 52.20 ng
RT: 15.46 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BG026427.D
Acq: 24 Mar 2017 23:07

Instrument :
BNA_G
ClientSampled :
B-4MS

Tot Ion:149 Resp: 1444476
Ion Ratio Lower Upper
149 100
177 25.5 20.1 30.1
150 13.2 10.2 15.2

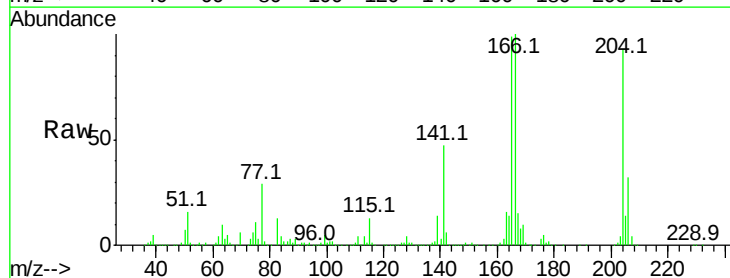


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

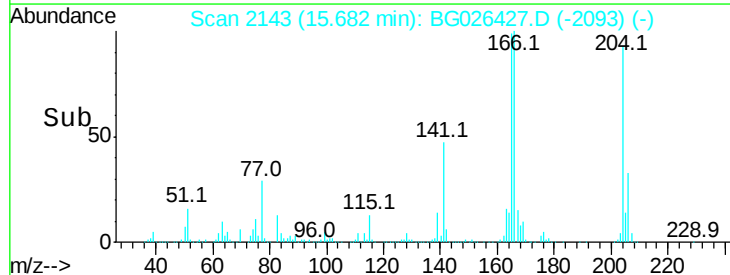
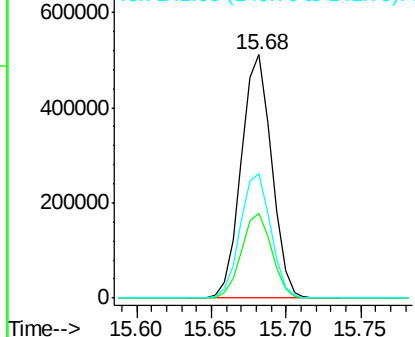


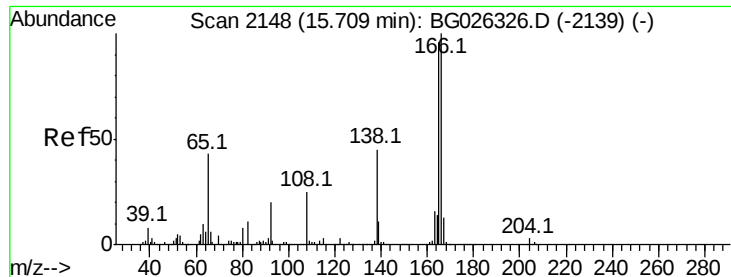
#60
4-Chlorophenyl-phenylether
Concen: 52.20 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG026427.D
Acq: 24 Mar 2017 23:07

Tgt Ion:204 Resp: 721865
Ion Ratio Lower Upper
204 100
206 35.1 30.1 45.1
141 51.2 50.6 76.0



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

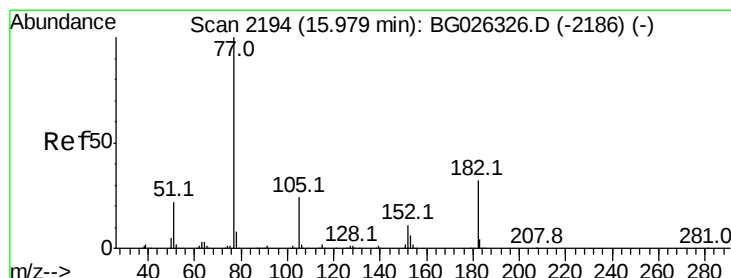
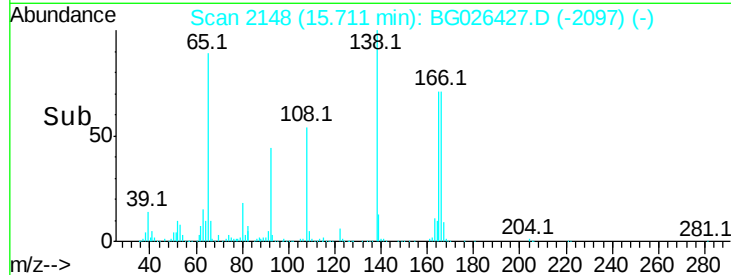
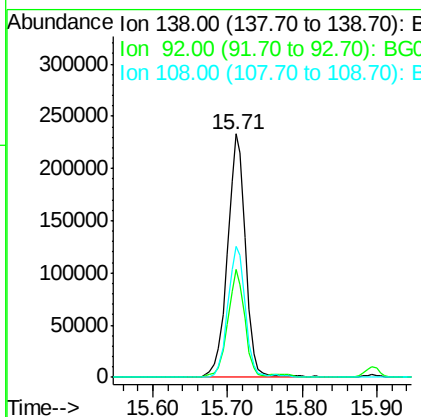
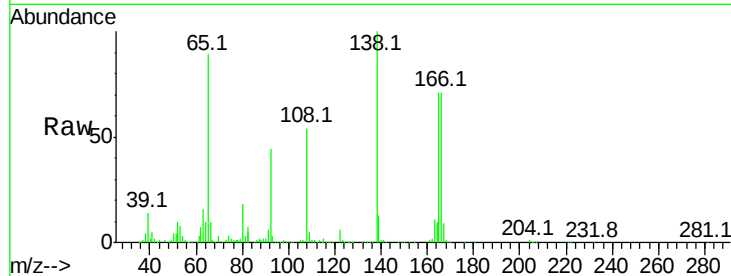




#61
 4-Nitroaniline
 Concen: 53.43 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: BG026427.D
 Acq: 24 Mar 2017 23:07

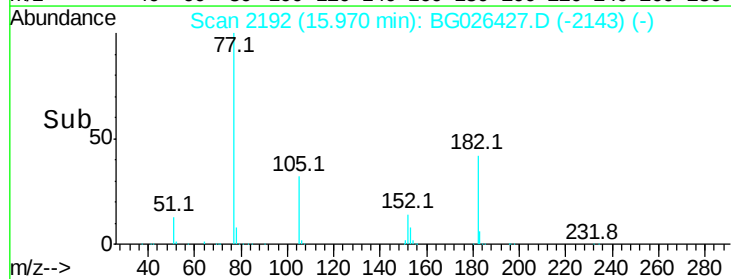
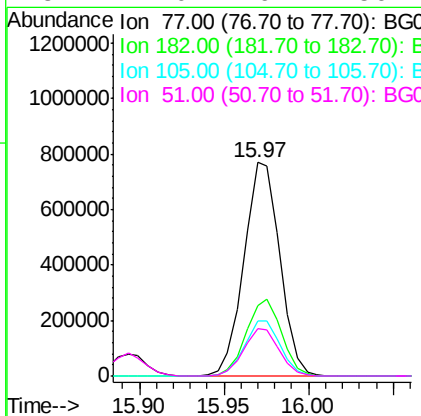
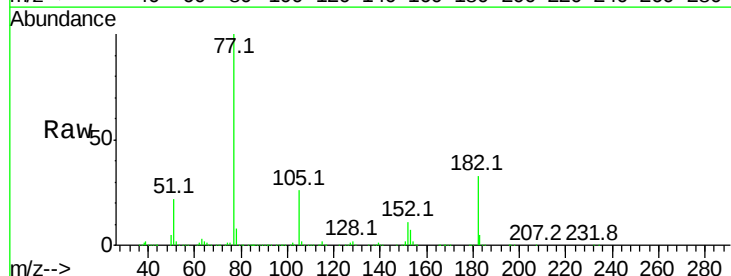
Instrument :
 BNA_G
 ClientSampleId :
 B-4MS

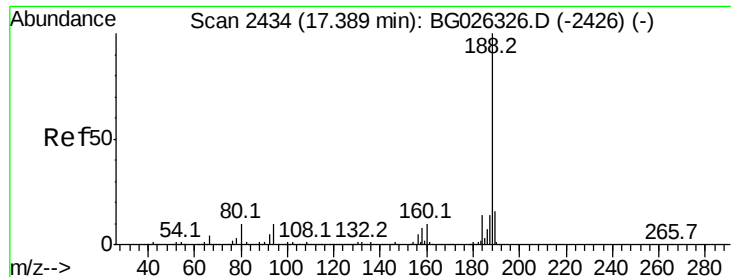
Tot Ion:138 Resp: 393277
 Ion Ratio Lower Upper
 138 100
 92 44.1 44.2 84.2#
 108 53.8 104.8 144.8#



#62
 Azobenzene
 Concen: 50.40 ng
 RT: 15.97 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG026427.D
 Acq: 24 Mar 2017 23:07

Tgt Ion: 77 Resp: 1133970
 Ion Ratio Lower Upper
 77 100
 182 33.2 4.7 44.7
 105 25.6 0.0 36.3
 51 22.0 16.4 56.4

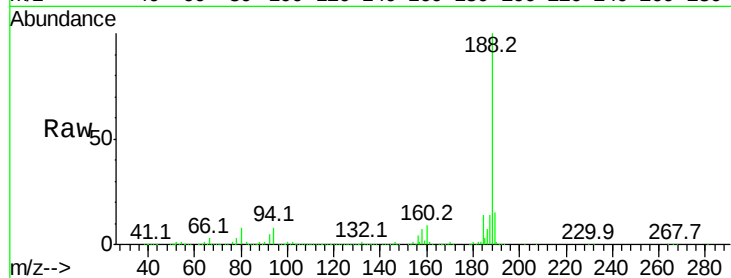




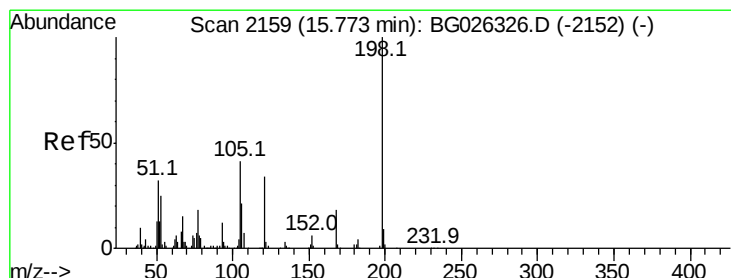
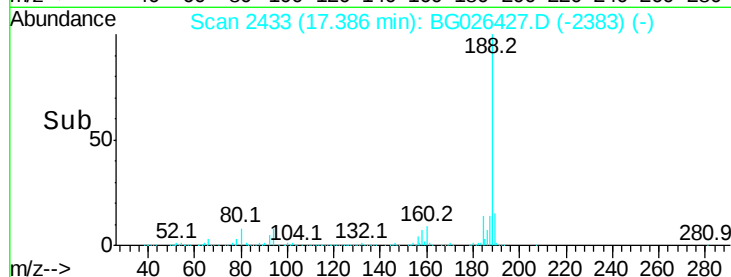
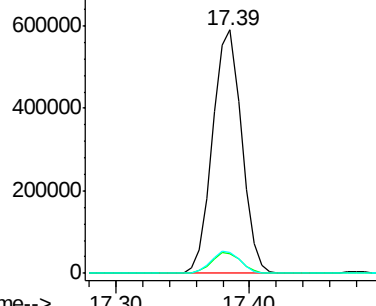
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.39 min Scan# 2433
 Delta R.T. -0.00 min
 Lab File: BG026427.D
 Acq: 24 Mar 2017 23:07

Instrument :
 BNA_G
 ClientSampleId :
 B-4MS

Tot Ion:188 Resp: 887625
 Ion Ratio Lower Upper
 188 100
 94 8.3 5.8 8.8
 80 8.4 7.5 11.3

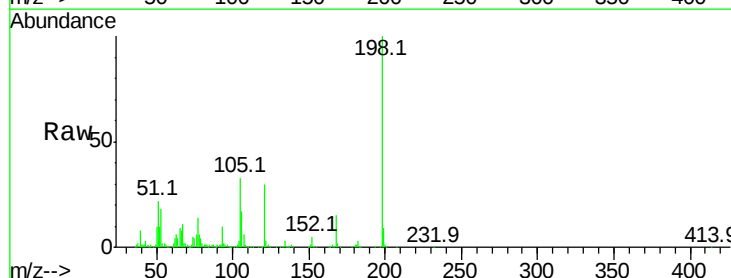


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

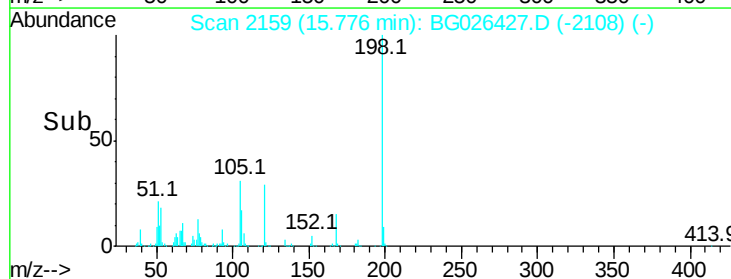
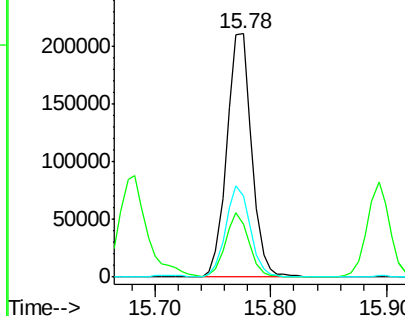


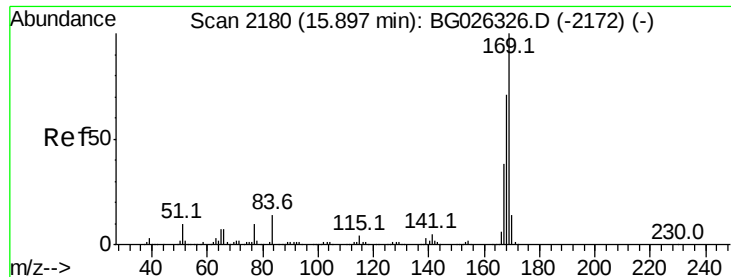
#64
 4,6-Dinitro-2-methylphenol
 Concen: 56.22 ng
 RT: 15.78 min Scan# 2159
 Delta R.T. 0.00 min
 Lab File: BG026427.D
 Acq: 24 Mar 2017 23:07

Tgt Ion:198 Resp: 314624
 Ion Ratio Lower Upper
 198 100
 51 21.6 22.6 62.6#
 105 33.5 14.4 54.4



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 50.36 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

Instrument :

BNA_G

ClientSampleId :

B-4MS

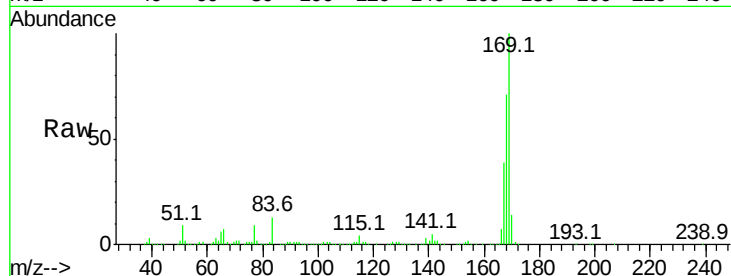
Tot Ion:169 Resp: 1311920

Ion Ratio Lower Upper

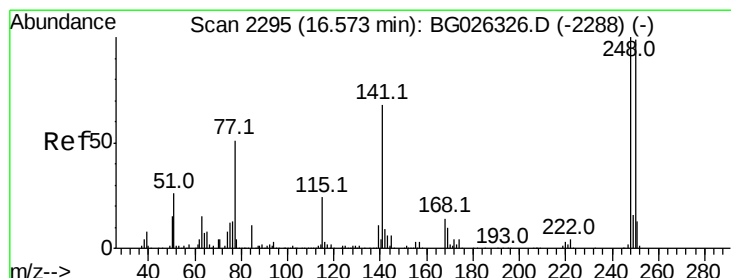
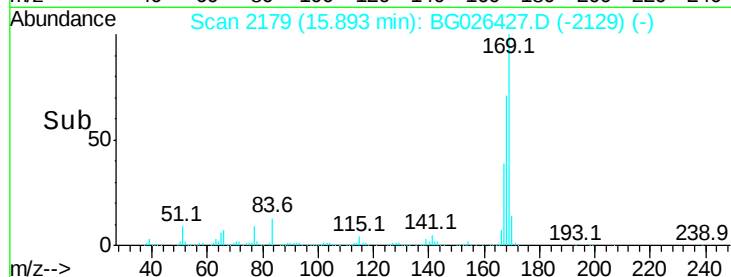
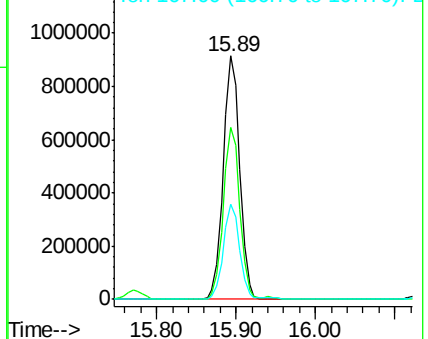
169 100

168 70.7 55.7 83.5

167 39.3 29.8 44.6



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



#66

4-Bromophenyl-phenylether

Concen: 54.23 ng

RT: 16.57 min Scan# 2294

Delta R.T. -0.00 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

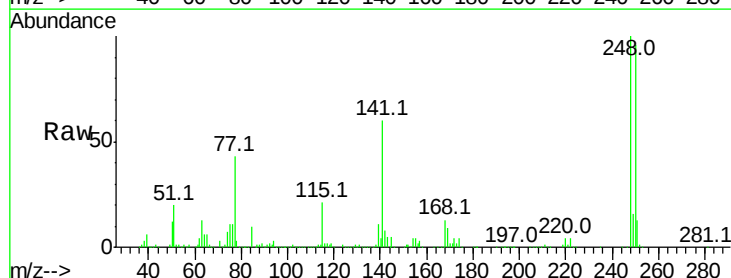
Tgt Ion:248 Resp: 495429

Ion Ratio Lower Upper

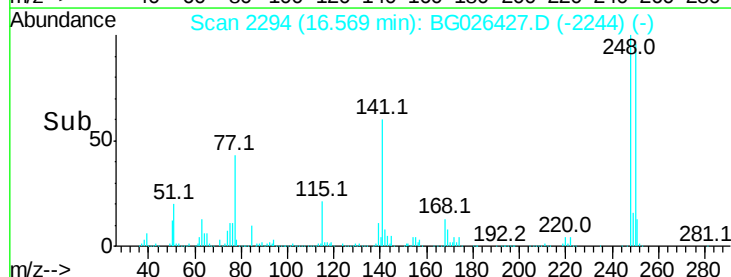
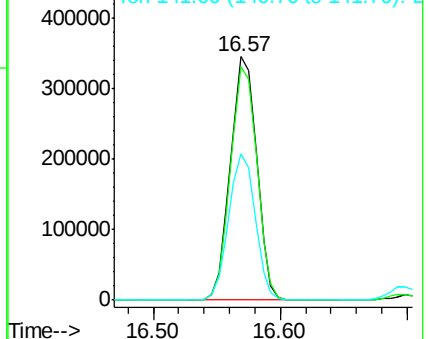
248 100

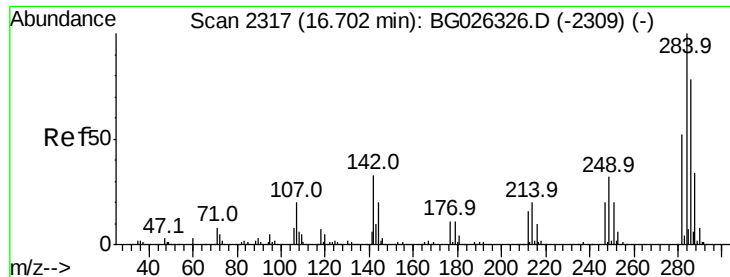
250 95.8 75.0 112.6

141 60.3 55.2 82.8



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 53.22 ng

RT: 16.70 min Scan# 2316

Delta R.T. -0.00 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

Instrument :

BNA_G

ClientSampleId :

B-4MS

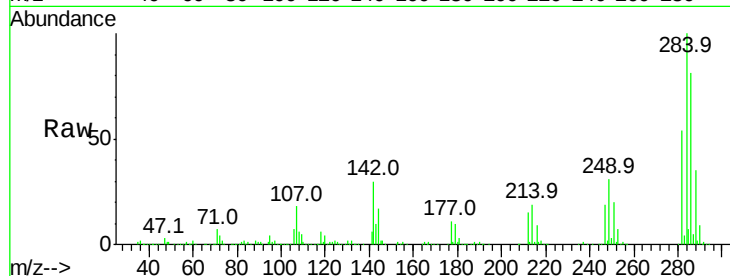
Tot Ion:284 Resp: 518680

Ion Ratio Lower Upper

284 100

142 30.4 29.9 44.9

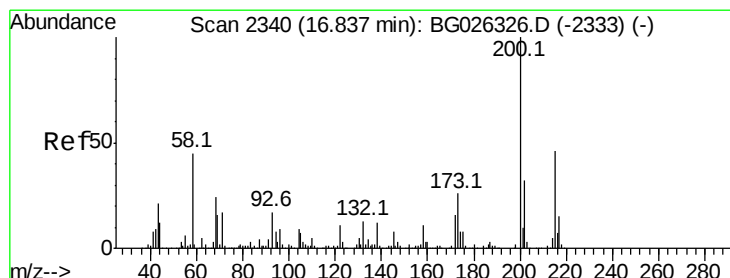
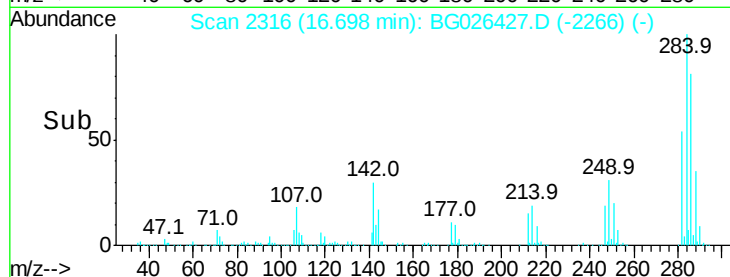
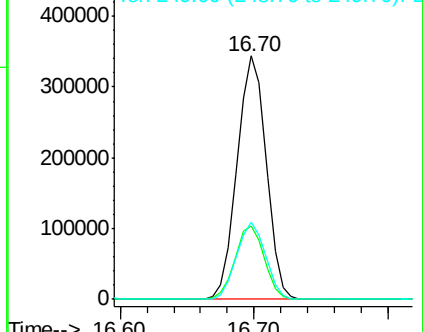
249 31.5 29.2 43.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 50.01 ng

RT: 16.83 min Scan# 2339

Delta R.T. -0.00 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

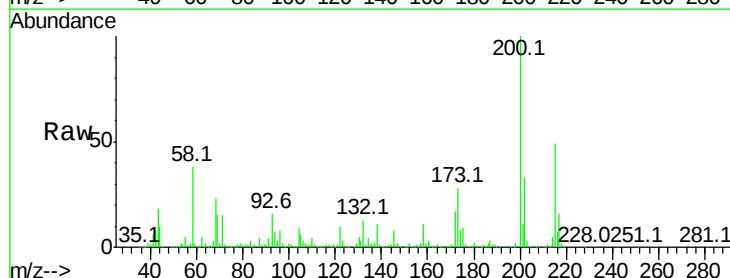
Tgt Ion:200 Resp: 493152

Ion Ratio Lower Upper

200 100

173 27.8 3.0 43.0

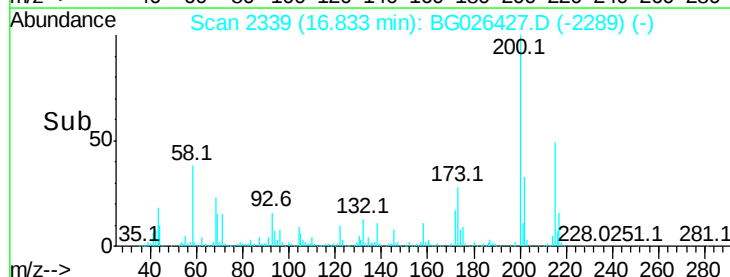
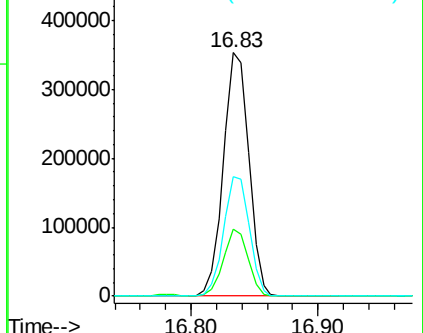
215 49.1 28.4 68.4

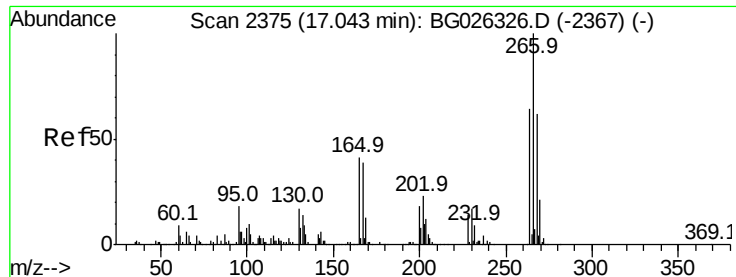


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

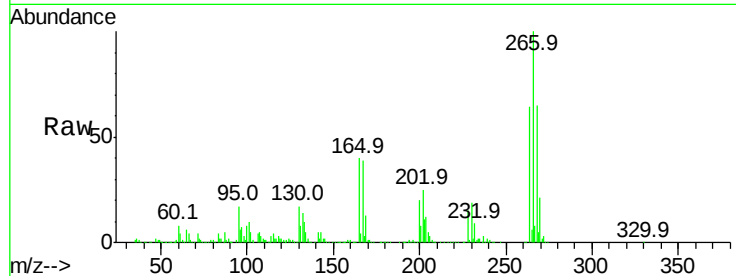




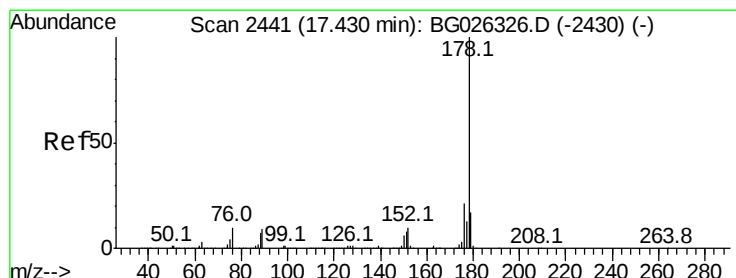
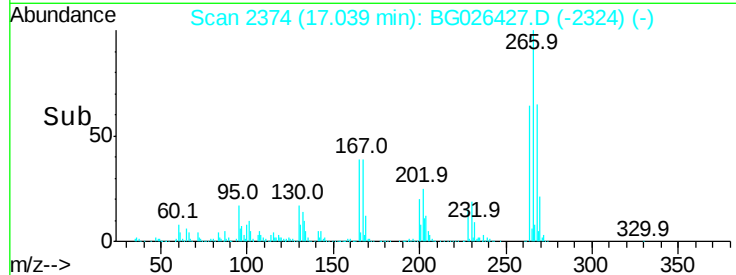
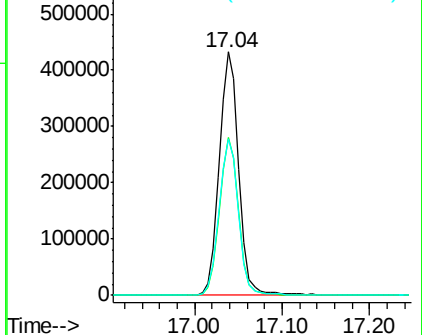
#69
 Pentachlorophenol
 Concen: 105.35 ng
 RT: 17.04 min Scan# 2374
 Delta R.T. -0.00 min
 Lab File: BG026427.D
 Acq: 24 Mar 2017 23:07

Instrument :
 BNA_G
 ClientSampleId :
 B-4MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.1	48.6	72.8
264	64.4	50.1	75.1

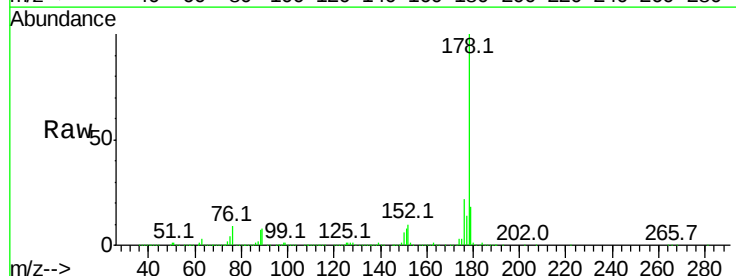


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

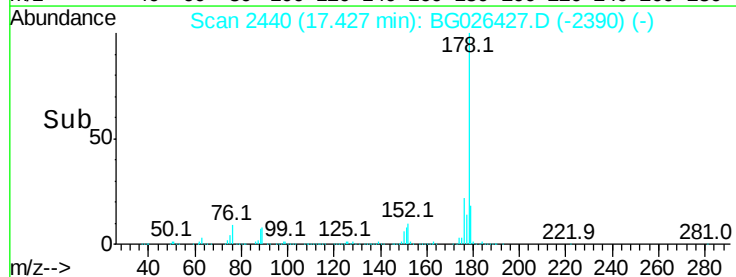
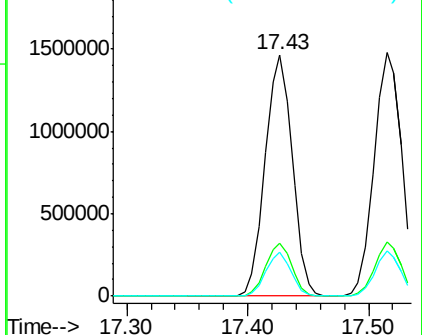


#70
 Phenanthrene
 Concen: 47.67 ng
 RT: 17.43 min Scan# 2440
 Delta R.T. -0.00 min
 Lab File: BG026427.D
 Acq: 24 Mar 2017 23:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.8	17.7	26.5
179	18.2	15.0	22.6



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





#71

Anthracene

Concen: 48.54 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.00 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

Instrument :

BNA_G

ClientSampleId :

B-4MS

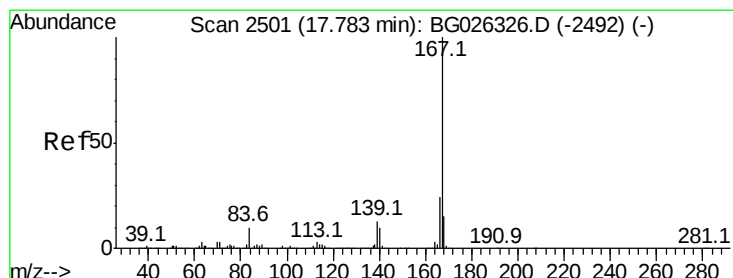
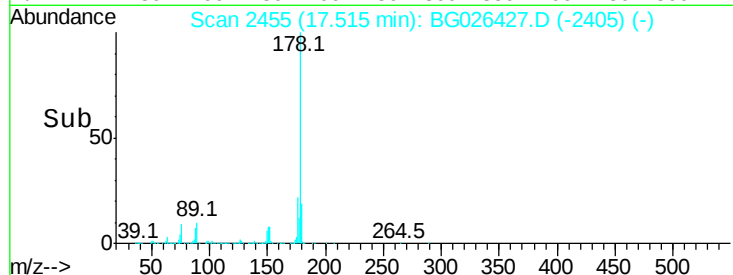
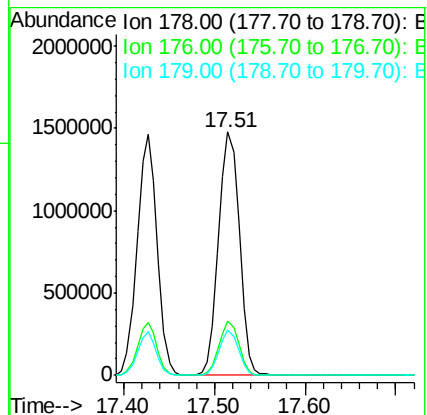
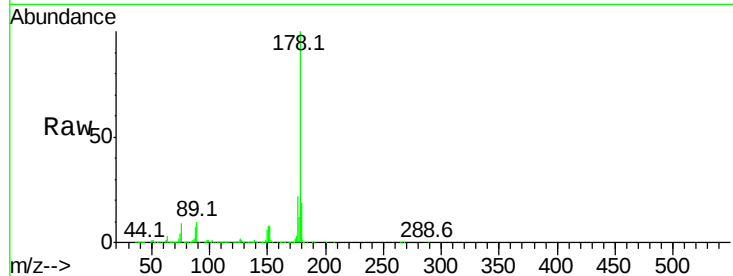
Tot Ion:178 Resp: 2360655

Ion Ratio Lower Upper

178 100

176 22.3 16.4 24.6

179 18.6 13.8 20.8



#72

Carbazole

Concen: 45.45 ng

RT: 17.78 min Scan# 2500

Delta R.T. -0.00 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

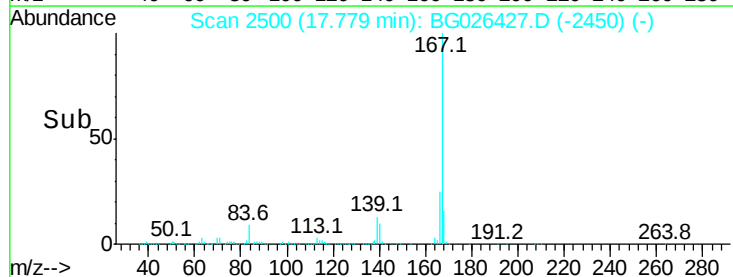
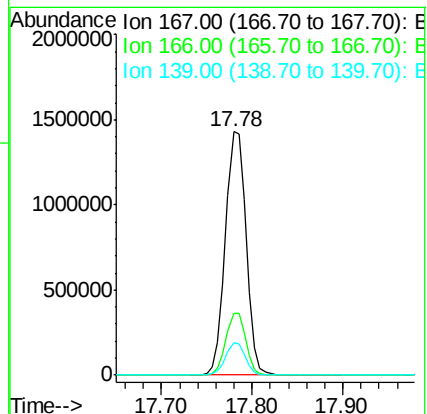
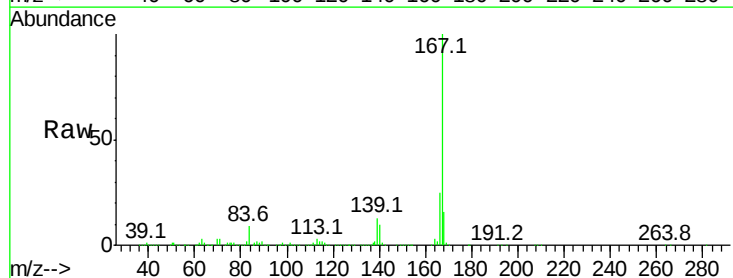
Tgt Ion:167 Resp: 2275822

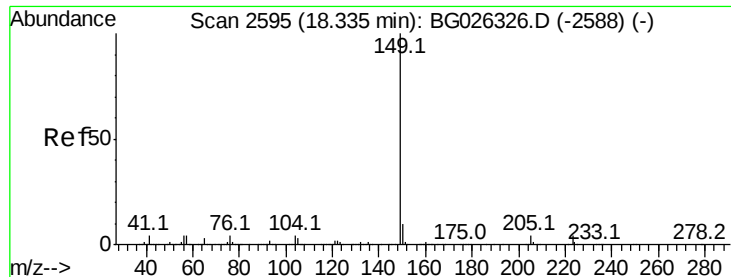
Ion Ratio Lower Upper

167 100

166 25.2 20.2 30.2

139 13.1 12.8 19.2

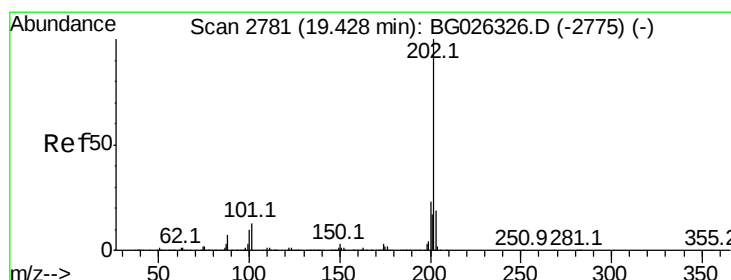
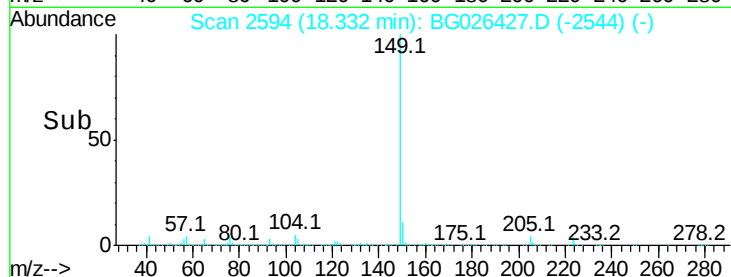
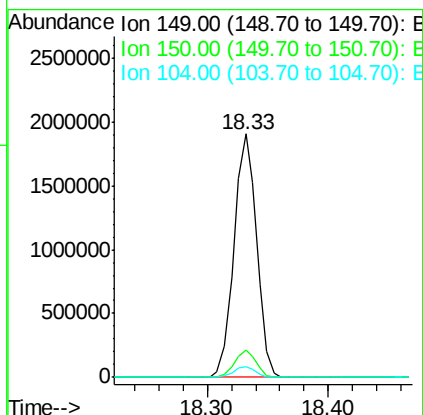
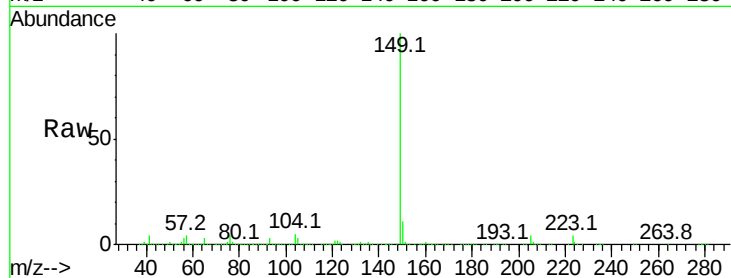




#73
Di-n-butylphthalate
Concen: 48.45 ng
RT: 18.33 min Scan# 2594
Delta R.T. -0.00 min
Lab File: BG026427.D
Acq: 24 Mar 2017 23:07

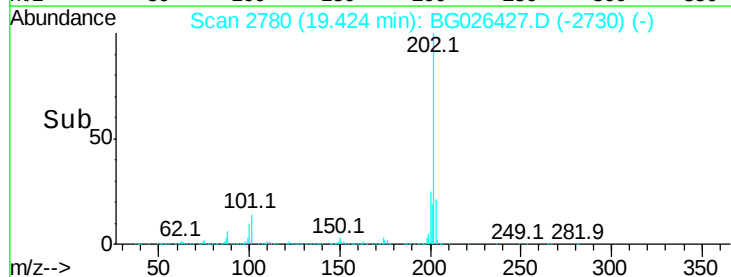
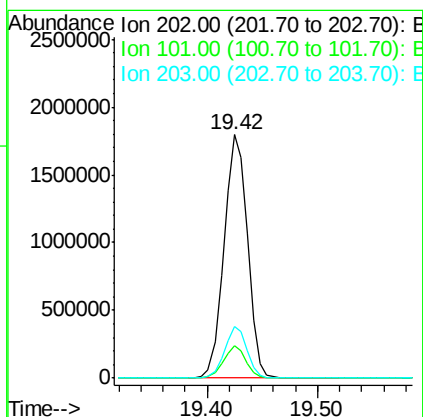
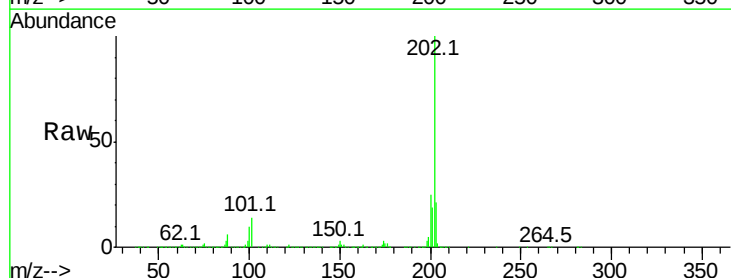
Instrument :
BNA_G
ClientSampleId :
B-4MS

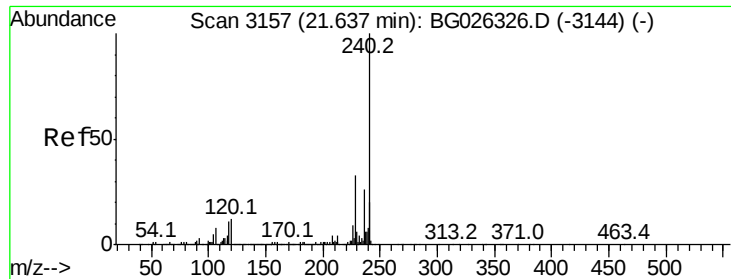
Tot Ion:149 Resp: 2492250
Ion Ratio Lower Upper
149 100
150 11.3 9.1 13.7
104 4.6 6.7 10.1#



#74
Fluoranthene
Concen: 47.58 ng
RT: 19.42 min Scan# 2780
Delta R.T. -0.00 min
Lab File: BG026427.D
Acq: 24 Mar 2017 23:07

Tgt Ion:202 Resp: 2667117
Ion Ratio Lower Upper
202 100
101 13.5 0.0 30.1
203 21.0 1.3 41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

Instrument :

BNA_G

ClientSampleId :

B-4MS

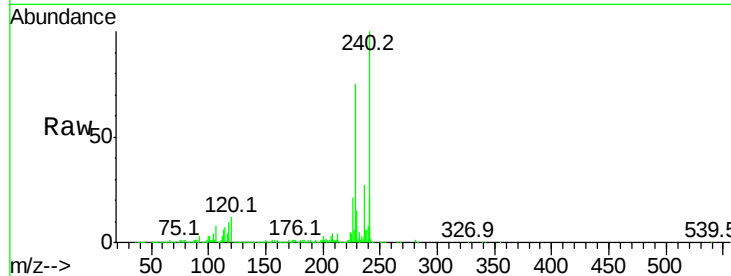
Tot Ion:240 Resp: 988734

Ion Ratio Lower Upper

240 100

120 11.5 5.7 8.5#

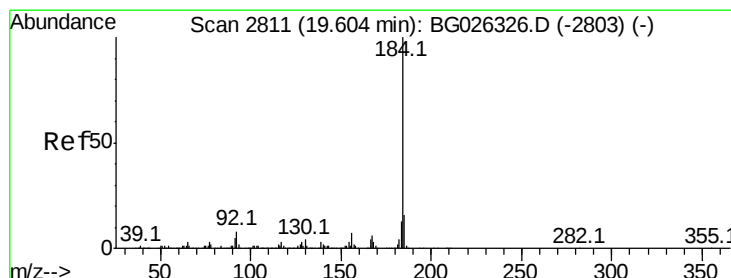
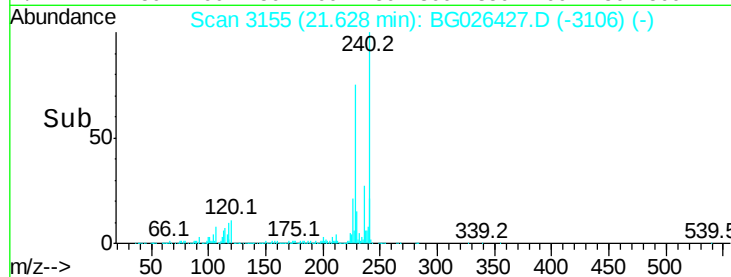
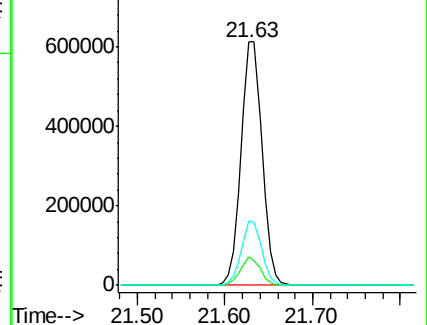
236 26.6 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.70 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

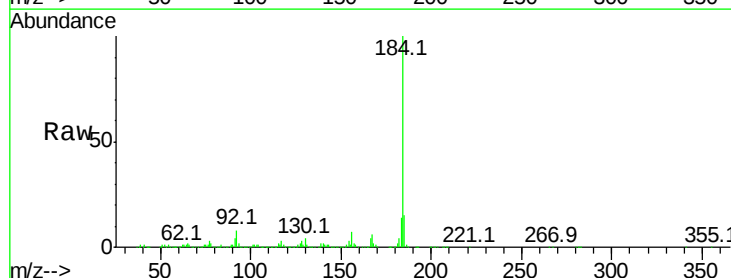
Tgt Ion:184 Resp: 1148713

Ion Ratio Lower Upper

184 100

185 15.0 13.0 19.6

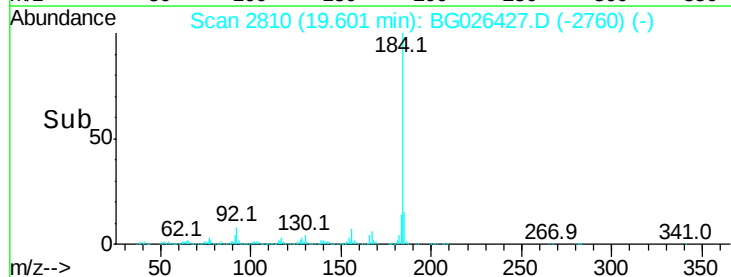
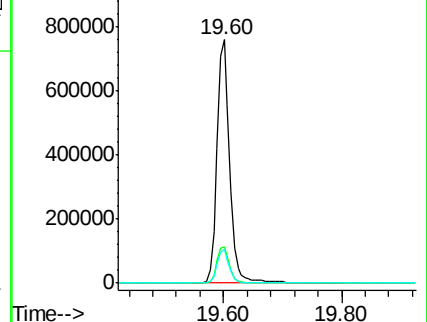
183 13.9 11.0 16.6

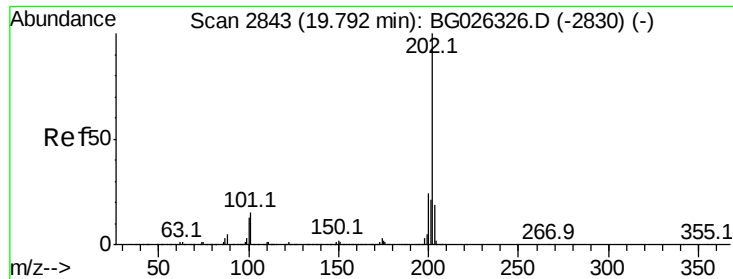


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

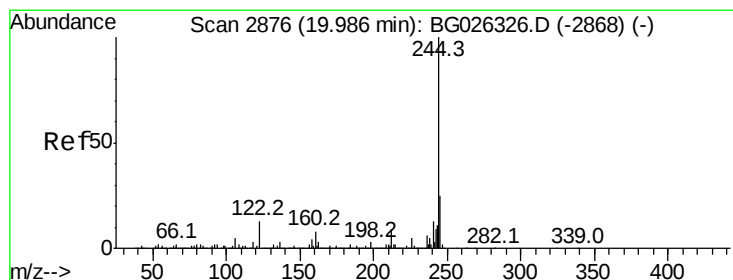
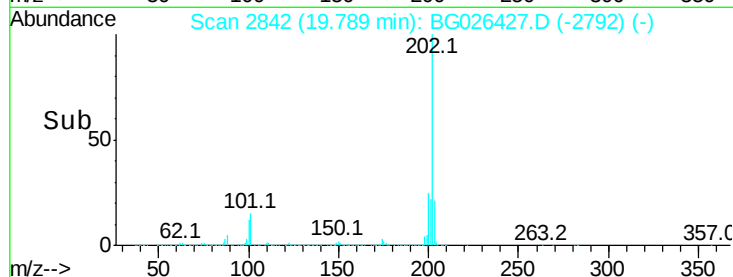
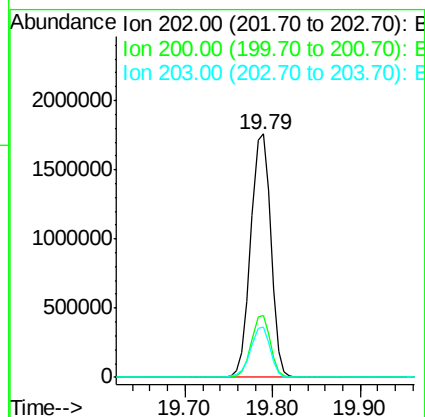
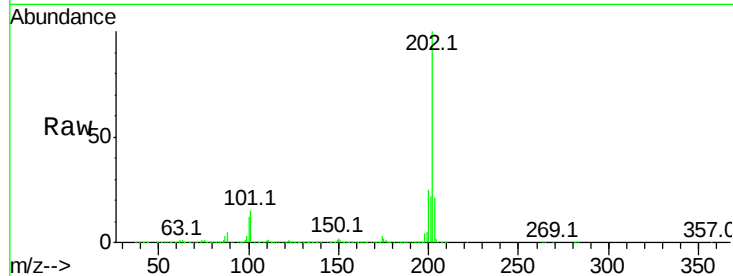




#77
Pvrene
Concen: 47.31 ng
RT: 19.79 min Scan# 2842
Delta R.T. -0.00 min
Lab File: BG026427.D
Acq: 24 Mar 2017 23:07

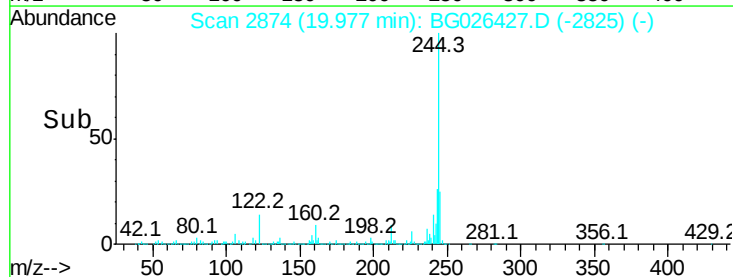
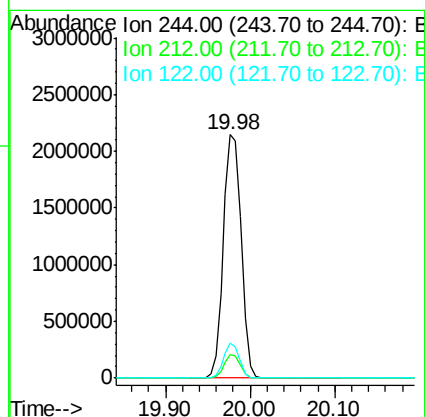
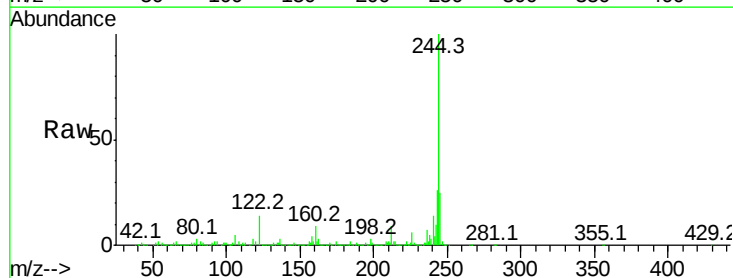
Instrument :
BNA_G
ClientSampleId :
B-4MS

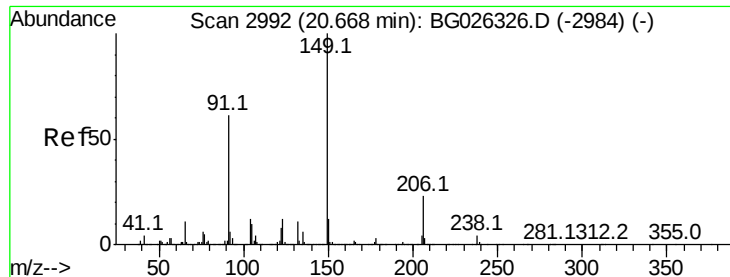
Tot Ion:202 Resp: 2708680
Ion Ratio Lower Upper
202 100
200 25.4 19.6 29.4
203 20.8 15.8 23.8



#78
Terphenyl-d14
Concen: 77.67 ng
RT: 19.98 min Scan# 2874
Delta R.T. -0.01 min
Lab File: BG026427.D
Acq: 24 Mar 2017 23:07

Tgt Ion:244 Resp: 3162076
Ion Ratio Lower Upper
244 100
212 9.5 10.0 15.0#
122 14.4 8.6 12.8#





#79

Butylbenzylphthalate

Concen: 51.26 ng

RT: 20.66 min Scan# 2990

Delta R.T. -0.01 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

Instrument :

BNA_G

ClientSampleId :

B-4MS

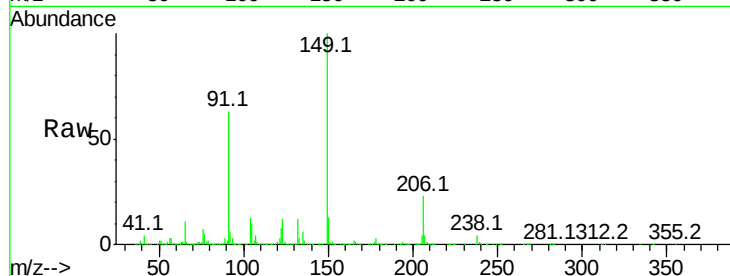
Tot Ion:149 Resp: 1174240

Ion Ratio Lower Upper

149 100

91 62.9 63.5 95.3#

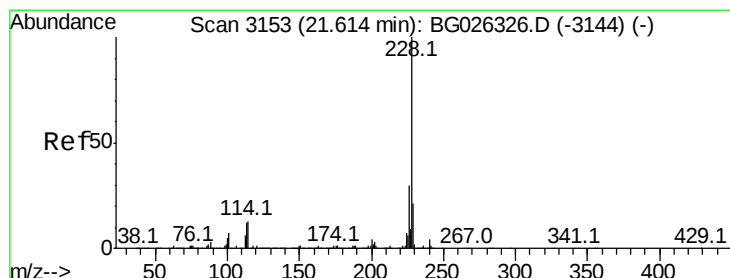
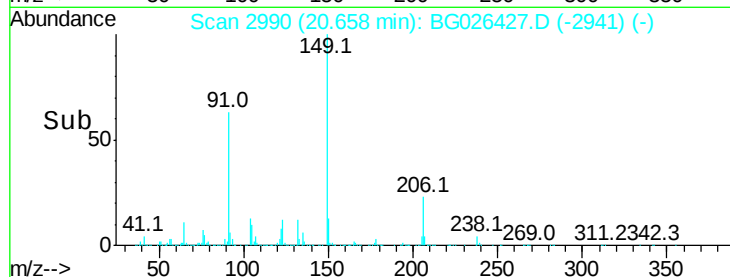
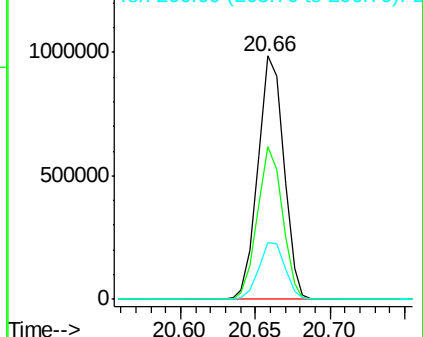
206 23.4 21.0 31.6



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



#80

Benzo(a)anthracene

Concen: 47.94 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

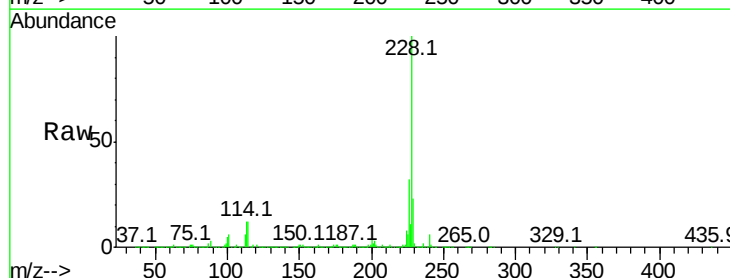
Tgt Ion:228 Resp: 2667255

Ion Ratio Lower Upper

228 100

226 32.4 24.9 37.3

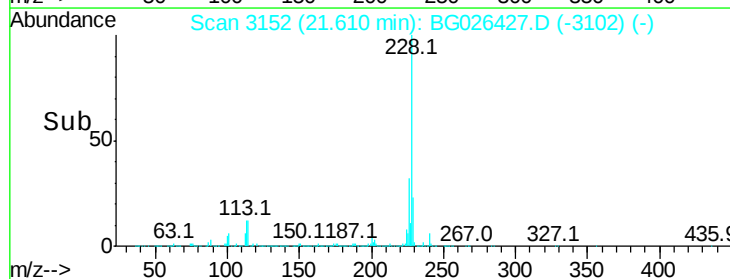
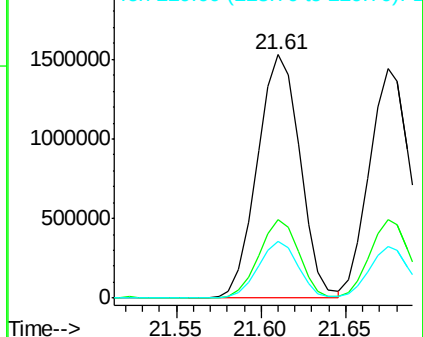
229 23.2 18.2 27.2

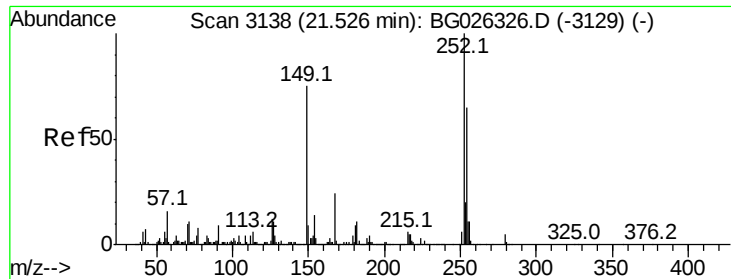


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

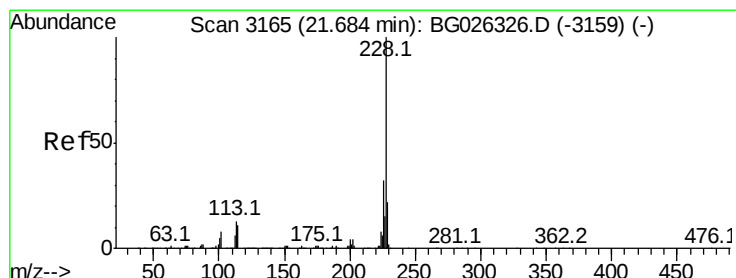
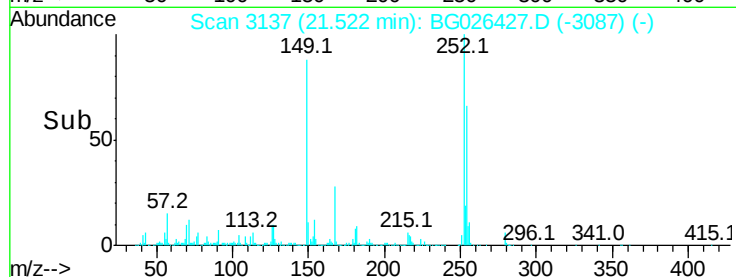
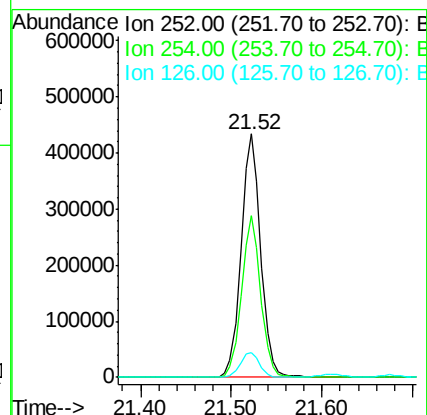
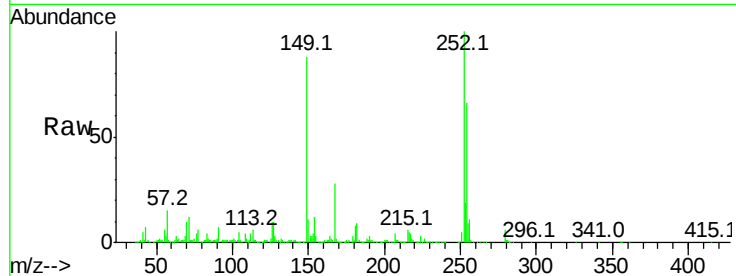




#81
 3,3'-Dichlorobenzidine
 Concen: 28.72 ng
 RT: 21.52 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: BG026427.D
 Acq: 24 Mar 2017 23:07

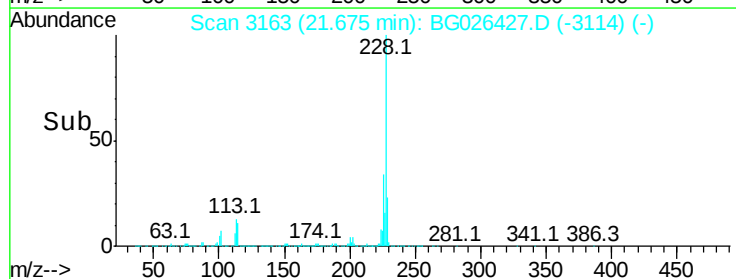
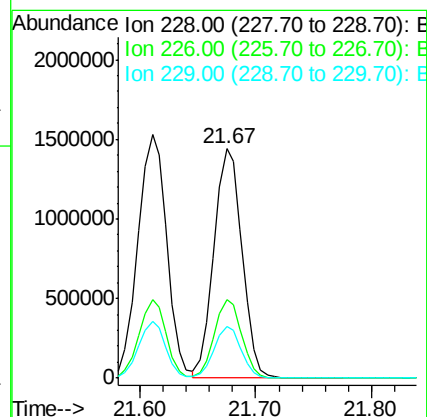
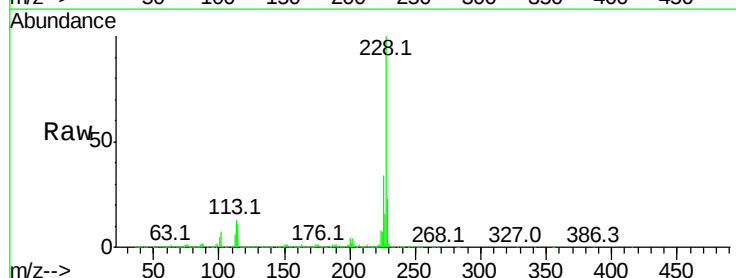
Instrument :
 BNA_G
 ClientSampleId :
 B-4MS

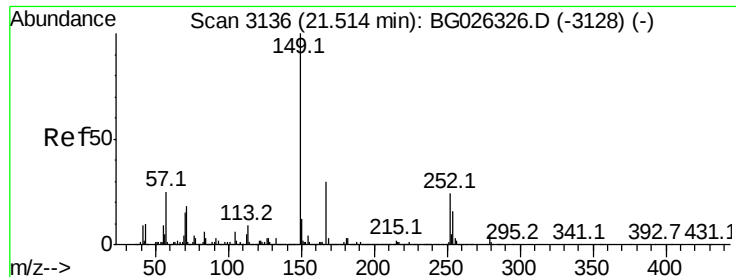
Tot Ion:252 Resp: 654174
 Ion Ratio Lower Upper
 252 100
 254 66.5 53.1 79.7
 126 10.3 7.0 10.4



#82
 Chrysene
 Concen: 45.75 ng
 RT: 21.67 min Scan# 3163
 Delta R.T. -0.01 min
 Lab File: BG026427.D
 Acq: 24 Mar 2017 23:07

Tgt Ion:228 Resp: 2432238
 Ion Ratio Lower Upper
 228 100
 226 34.5 27.0 40.4
 229 22.7 17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.05 ng

RT: 21.51 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

Instrument :

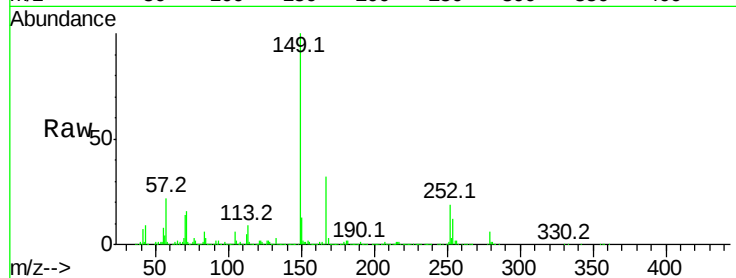
BNA_G

ClientSampleId :

B-4MS

Tot Ion:149 Resp: 1696975

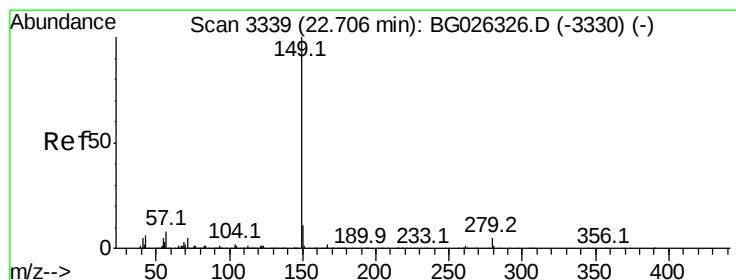
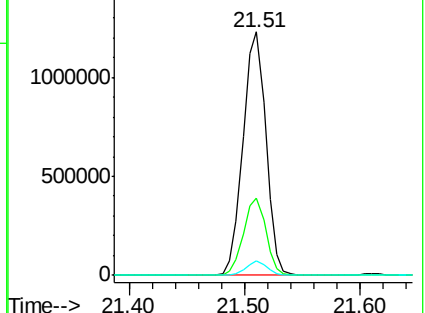
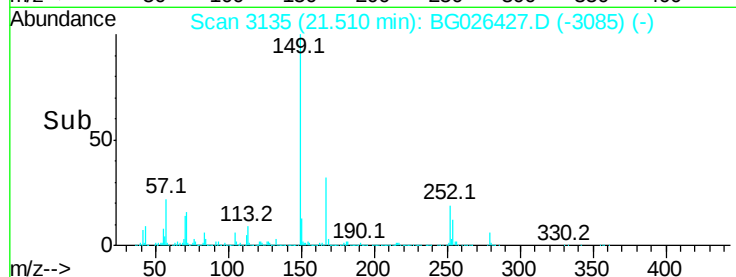
Ion	Ratio	Lower	Upper
149	100		
167	31.7	23.7	35.5
279	5.7	4.6	6.8



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



#84

Di-n-octyl phthalate

Concen: 48.77 ng

RT: 22.70 min Scan# 3337

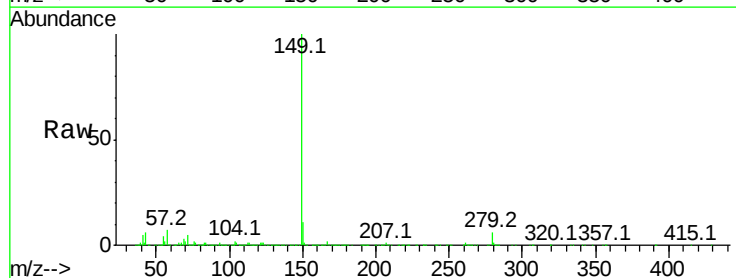
Delta R.T. -0.01 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

Tgt Ion:149 Resp: 2879562

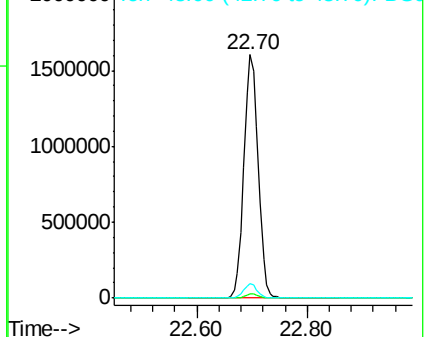
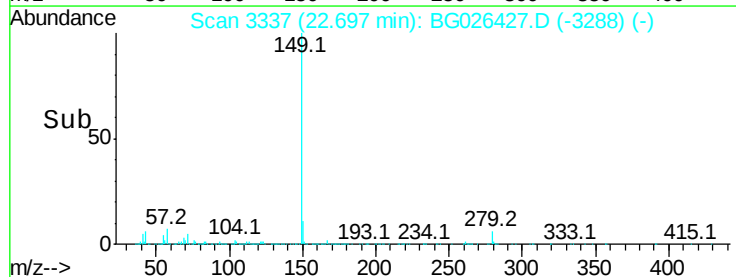
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	5.6	11.8	17.6#

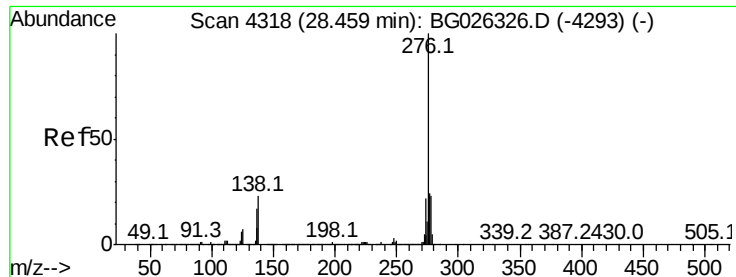


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0





#85

Indeno(1,2,3-cd)pyrene

Concen: 52.76 ng

RT: 28.44 min Scan# 4314

Delta R.T. -0.02 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

Instrument :

BNA_G

ClientSampleId :

B-4MS

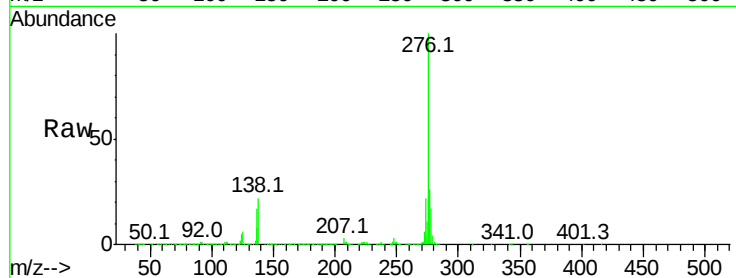
Tot Ion:276 Resp: 3462701

Ion Ratio Lower Upper

276 100

138 26.7 4.7 7.1#

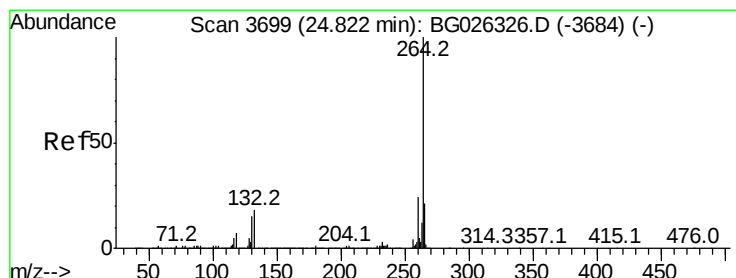
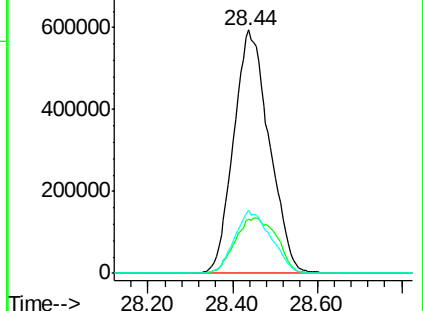
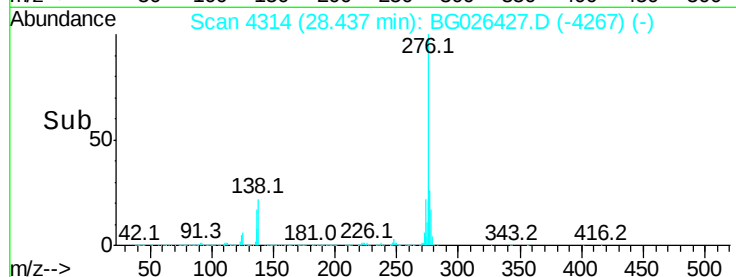
277 26.5 20.6 31.0



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.81 min Scan# 3696

Delta R.T. -0.02 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

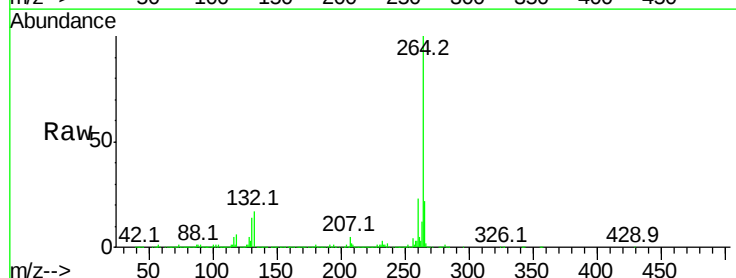
Tgt Ion:264 Resp: 999119

Ion Ratio Lower Upper

264 100

260 23.4 21.8 32.8

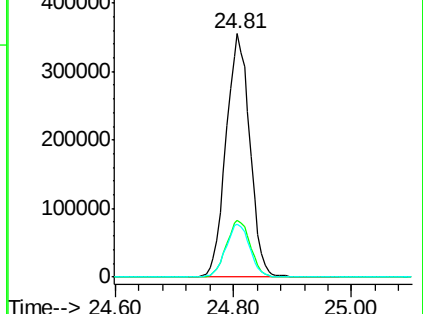
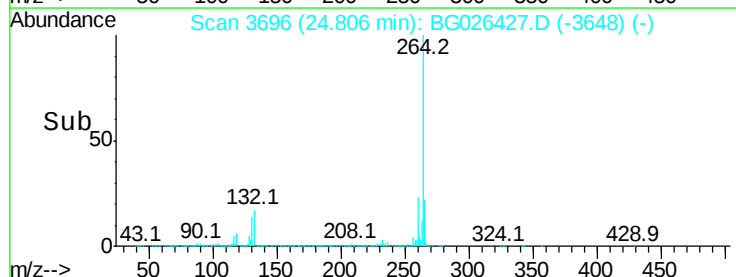
265 21.8 18.2 27.4

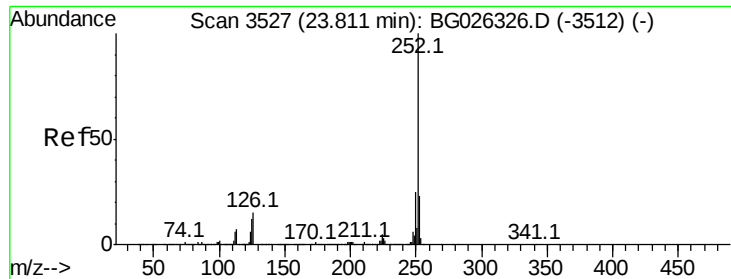


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 49.73 ng

RT: 23.80 min Scan# 3525

Delta R.T. -0.01 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

Instrument :

BNA_G

ClientSampleId :

B-4MS

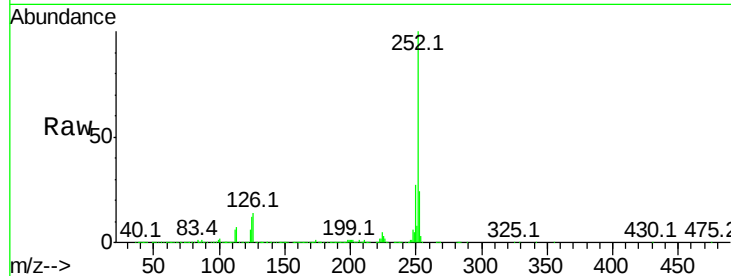
Tot Ion:252 Resp: 2928822

Ion Ratio Lower Upper

252 100

253 24.2 18.7 28.1

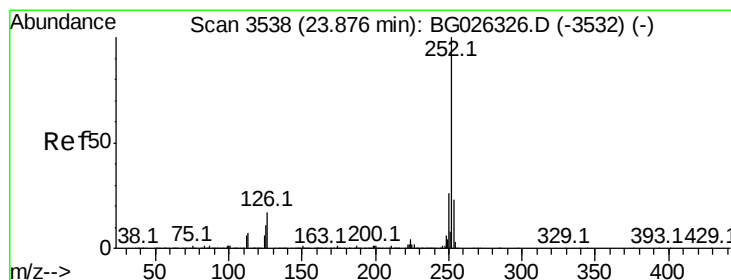
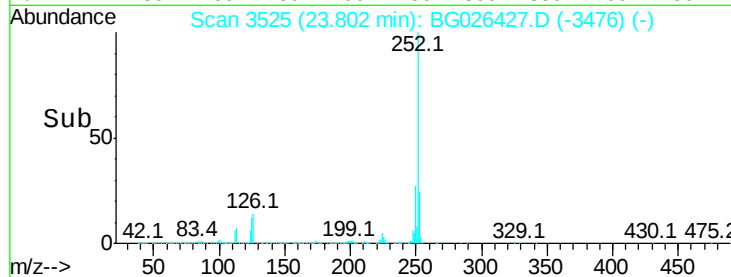
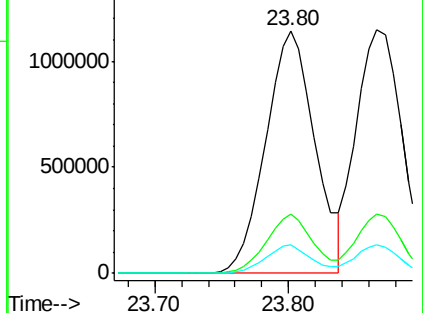
125 11.6 5.3 7.9#



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



#88

Benzo(k)fluoranthene

Concen: 47.65 ng

RT: 23.87 min Scan# 3536

Delta R.T. -0.01 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

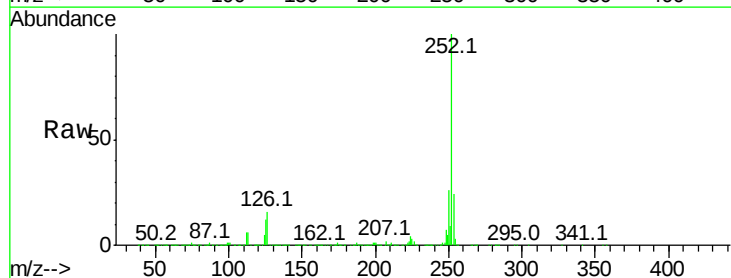
Tgt Ion:252 Resp: 2721485

Ion Ratio Lower Upper

252 100

253 24.4 20.2 30.2

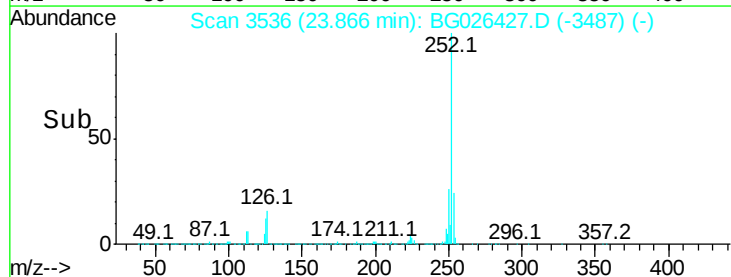
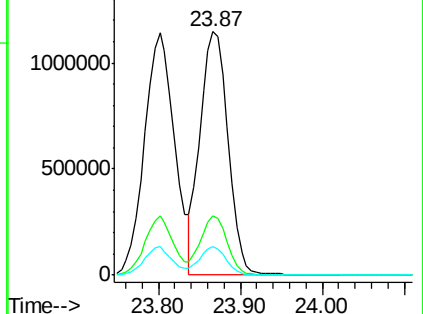
125 11.6 5.1 7.7#

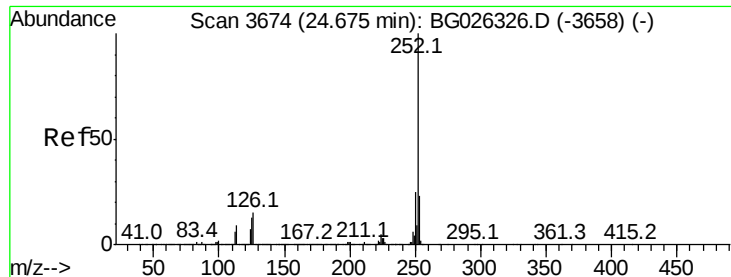


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 49.51 ng

RT: 24.67 min Scan# 3672

Delta R.T. -0.01 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

Instrument :

BNA_G

ClientSampled :

B-4MS

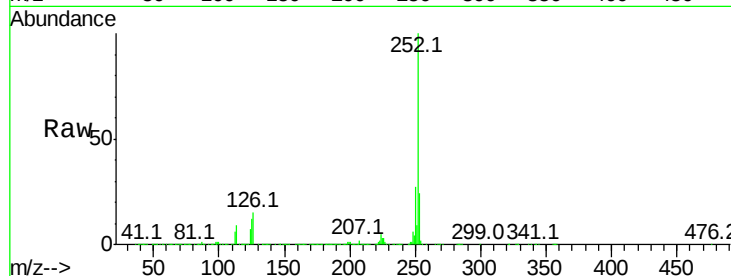
Tot Ion:252 Resp: 2796924

Ion Ratio Lower Upper

252 100

253 23.8 19.2 28.8

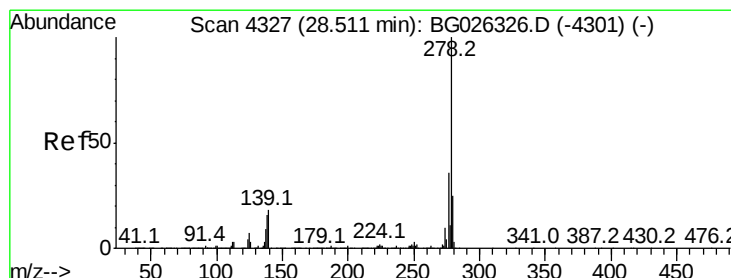
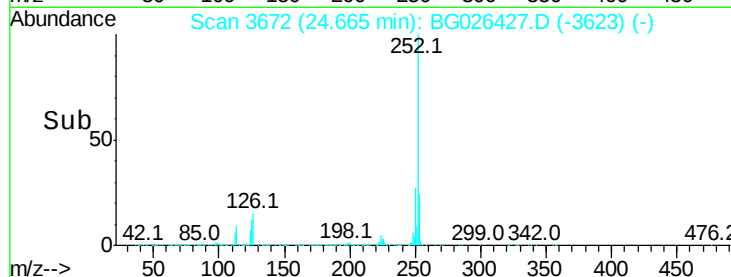
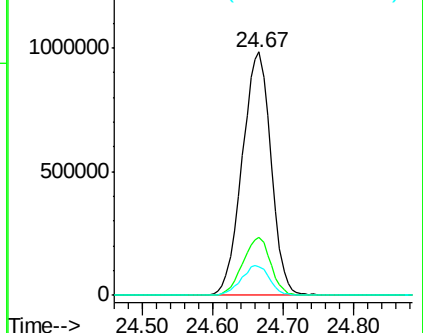
125 11.8 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 50.37 ng

RT: 28.49 min Scan# 4323

Delta R.T. -0.02 min

Lab File: BG026427.D

Acq: 24 Mar 2017 23:07

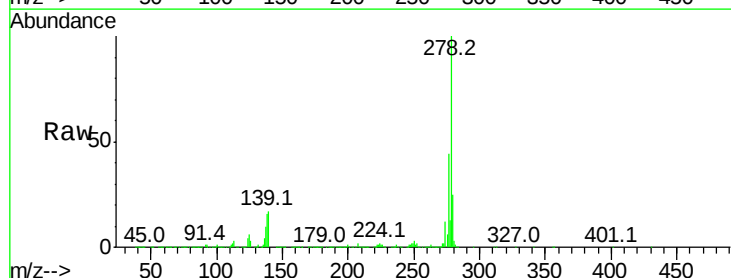
Tgt Ion:278 Resp: 2875797

Ion Ratio Lower Upper

278 100

139 16.7 7.7 11.5#

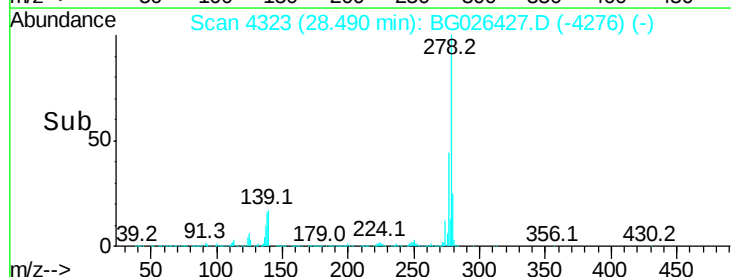
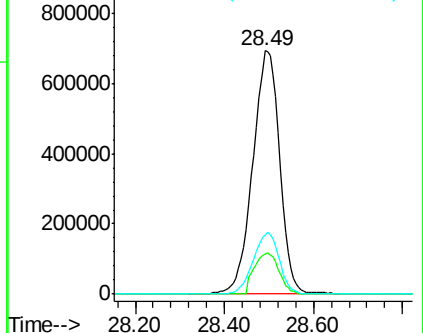
279 24.6 19.1 28.7

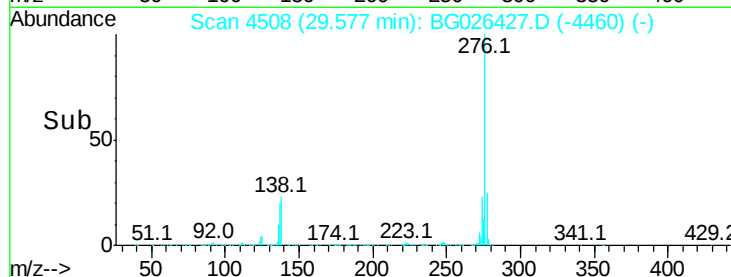
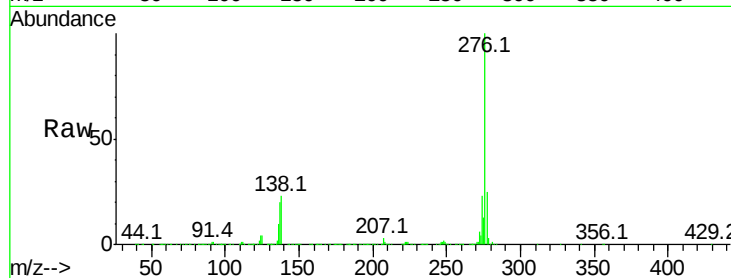
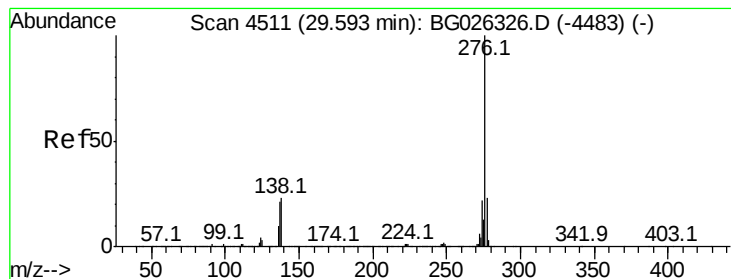


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 49.97 ng
 RT: 29.58 min Scan# 4508
 Delta R.T. -0.02 min
 Lab File: BG026427.D
 Acq: 24 Mar 2017 23:07

Instrument :
 BNA_G
 ClientSampleId :
 B-4MS

Tot Ion:276 Resp: 2874438
 Ion Ratio Lower Upper
 276 100
 277 24.7 18.6 27.8
 138 22.9 8.1 12.1#

